

Table 1 Approach TDRS SSA (6M16G1D) PFD Exceedances

|    | Start Time<br>(GMT) | Stop Time<br>(GMT) | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m^2/4kHz) | PFD Non-<br>Compliance<br>(dB) |
|----|---------------------|--------------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------|--------------------------------|
| 1  | 4/11/2026 11:58     | 4/11/2026 12:28    | 0:30:10               | 51.44              | -27.94             | 257.57            | -20.00            | 80.35             | 247.75           | -137.12                   | 6.88                           |
| 2  | 4/11/2026 12:31     | 4/11/2026 13:16    | 0:44:40               | -28.40             | 88.16              | 249.44            | 28.43             | -103.17           | 249.49           | -136.60                   | 7.40                           |
| 3  | 4/11/2026 13:19     | 4/11/2026 13:54    | 0:35:40               | 36.19              | -93.96             | 251.95            | -9.65             | 49.52             | 246.25           | -137.13                   | 6.87                           |
| 4  | 4/11/2026 13:57     | 4/11/2026 14:15    | 0:17:50               | -18.47             | 56.35              | 247.28            | -51.48            | 135.50            | 255.03           | -136.76                   | 7.24                           |
| 5  | 4/11/2026 14:18     | 4/11/2026 14:55    | 0:37:30               | -48.99             | 151.15             | 254.16            | 50.12             | -83.35            | 256.74           | -136.56                   | 7.44                           |
| 6  | 4/11/2026 14:58     | 4/11/2026 15:15    | 0:16:30               | 51.80              | -66.17             | 257.43            | 19.21             | 5.54              | 248.26           | -137.70                   | 6.30                           |
| 7  | 4/11/2026 15:17     | 4/11/2026 15:46    | 0:28:30               | 10.41              | 12.41              | 246.72            | -50.36            | 121.81            | 254.44           | -136.77                   | 7.23                           |
| 8  | 4/11/2026 15:49     | 4/11/2026 16:20    | 0:31:20               | -46.36             | 137.18             | 253.10            | 42.61             | -128.89           | 253.84           | -136.53                   | 7.47                           |
| 9  | 4/11/2026 16:23     | 4/11/2026 17:05    | 0:42:20               | 47.95              | -115.28            | 255.77            | -43.66            | 41.92             | 252.88           | -136.75                   | 7.25                           |
| 10 | 4/11/2026 17:11     | 4/11/2026 17:58    | 0:46:30               | -51.60             | 74.58              | 254.85            | 51.72             | -105.30           | 257.26           | -136.54                   | 7.46                           |
| 11 | 4/11/2026 18:30     | 4/11/2026 18:38    | 0:08:00               | -33.11             | 2.52               | 250.09            | -49.76            | 37.97             | 254.40           | -136.76                   | 7.24                           |
| 12 | 4/11/2026 19:10     | 4/11/2026 19:26    | 0:15:40               | 18.59              | 156.90             | 246.11            | 51.71             | -137.29           | 256.98           | -137.56                   | 6.44                           |
| 13 | 4/11/2026 19:45     | 4/11/2026 20:11    | 0:26:40               | 12.94              | -57.67             | 247.00            | -51.81            | 37.55             | 254.72           | -136.76                   | 7.24                           |
| 14 | 4/11/2026 20:29     | 4/11/2026 20:47    | 0:18:00               | -13.94             | 110.21             | 244.25            | 40.02             | 158.22            | 252.19           | -136.61                   | 7.39                           |
| 15 | 4/11/2026 21:12     | 4/11/2026 21:39    | 0:27:10               | 19.59              | -85.69             | 248.08            | -51.46            | 4.57              | 254.61           | -136.76                   | 7.24                           |
| 16 | 4/11/2026 22:41     | 4/11/2026 22:51    | 0:09:20               | 18.51              | -107.52            | 247.81            | -10.90            | -85.91            | 246.07           | -137.10                   | 6.90                           |
| 17 | 4/11/2026 23:05     | 4/11/2026 23:21    | 0:16:50               | -47.49             | -39.04             | 253.72            | -32.16            | 47.93             | 247.89           | -137.40                   | 6.60                           |
| 18 | 4/12/2026 0:09      | 4/12/2026 0:27     | 0:18:00               | 23.50              | -134.55            | 248.87            | -31.92            | -89.80            | 249.61           | -137.07                   | 6.93                           |
| 19 | 4/12/2026 0:40      | 4/12/2026 1:01     | 0:21:10               | -51.74             | -28.22             | 254.27            | -1.65             | 50.99             | 242.86           | -136.54                   | 7.46                           |
| 20 | 4/12/2026 1:39      | 4/12/2026 2:01     | 0:22:50               | 22.93              | -156.77            | 248.70            | -44.20            | -93.25            | 252.52           | -136.75                   | 7.25                           |
| 21 | 4/12/2026 2:07      | 4/12/2026 2:18     | 0:11:10               | -51.63             | -61.19             | 254.16            | -36.49            | -3.05             | 248.67           | -137.57                   | 6.43                           |
| 22 | 4/12/2026 2:58      | 4/12/2026 3:30     | 0:32:10               | 47.57              | 143.13             | 255.44            | -42.85            | -118.84           | 252.09           | -136.76                   | 7.24                           |
| 23 | 4/12/2026 4:26      | 4/12/2026 4:47     | 0:21:00               | 48.78              | 116.12             | 255.60            | -9.10             | -178.14           | 245.56           | -137.07                   | 6.93                           |
| 24 | 4/12/2026 5:56      | 4/12/2026 6:29     | 0:33:10               | 48.73              | 93.56              | 255.44            | -43.34            | -163.28           | 251.85           | -136.73                   | 7.27                           |
| 25 | 4/12/2026 6:55      | 4/12/2026 7:17     | 0:22:10               | -12.37             | -47.66             | 242.60            | 48.98             | 21.31             | 254.58           | -136.59                   | 7.41                           |
| 26 | 4/12/2026 7:28      | 4/12/2026 7:56     | 0:27:50               | 42.61              | 87.33              | 253.68            | -38.84            | 165.86            | 250.62           | -136.74                   | 7.26                           |
| 27 | 4/12/2026 8:13      | 4/12/2026 8:30     | 0:17:20               | -43.65             | -106.20            | 250.21            | 6.78              | -56.63            | 242.33           | -136.61                   | 7.39                           |
| 28 | 4/12/2026 9:07      | 4/12/2026 9:19     | 0:11:20               | 16.36              | 95.15              | 246.86            | -19.28            | 121.59            | 246.37           | -137.05                   | 6.95                           |
| 29 | 4/12/2026 9:38      | 4/12/2026 10:03    | 0:25:00               | -50.42             | -151.29            | 252.59            | 17.34             | -71.36            | 244.01           | -136.56                   | 7.44                           |
| 30 | 4/12/2026 11:04     | 4/12/2026 11:15    | 0:11:40               | -51.79             | 166.84             | 253.37            | -33.30            | -135.23           | 246.92           | -137.44                   | 6.56                           |
| 31 | 4/12/2026 11:18     | 4/12/2026 11:31    | 0:12:50               | -25.25             | -126.61            | 244.77            | 14.88             | -96.03            | 243.47           | -136.62                   | 7.38                           |
| 32 | 4/12/2026 11:51     | 4/12/2026 12:03    | 0:12:30               | 50.94              | -8.90              | 255.42            | 23.71             | 43.46             | 247.88           | -138.09                   | 5.91                           |
| 33 | 4/12/2026 12:48     | 4/12/2026 13:04    | 0:15:40               | -24.14             | -148.29            | 244.43            | 24.65             | -110.47           | 245.66           | -136.58                   | 7.42                           |
| 34 | 4/12/2026 13:20     | 4/12/2026 13:45    | 0:25:10               | 50.91              | -31.35             | 255.26            | -16.08            | 50.83             | 245.27           | -136.99                   | 7.01                           |
| 35 | 4/12/2026 14:10     | 4/12/2026 14:40    | 0:29:50               | -43.65             | 162.93             | 249.90            | 42.43             | -110.11           | 251.38           | -136.58                   | 7.42                           |
| 36 | 4/12/2026 14:44     | 4/12/2026 15:01    | 0:17:30               | 49.86              | -88.33             | 254.23            | 25.41             | -3.56             | 247.99           | -137.87                   | 6.13                           |
| 37 | 4/12/2026 15:37     | 4/12/2026 16:10    | 0:33:00               | -46.75             | 132.50             | 250.76            | 45.60             | -125.74           | 252.41           | -136.58                   | 7.42                           |
| 38 | 4/12/2026 16:34     | 4/12/2026 16:55    | 0:21:10               | 16.69              | -18.71             | 246.04            | -44.98            | 41.36             | 251.29           | -136.72                   | 7.28                           |
| 39 | 4/12/2026 17:06     | 4/12/2026 17:40    | 0:33:40               | -47.50             | 107.49             | 250.81            | 46.01             | -147.39           | 252.46           | -136.55                   | 7.45                           |
| 40 | 4/12/2026 18:02     | 4/12/2026 18:28    | 0:25:50               | 20.10              | -44.23             | 246.73            | -50.34            | 37.49             | 252.46           | -136.72                   | 7.28                           |
| 41 | 4/12/2026 18:35     | 4/12/2026 19:18    | 0:43:20               | -48.44             | 81.53              | 251.05            | 50.09             | -117.06           | 254.60           | -136.57                   | 7.43                           |
| 42 | 4/12/2026 19:21     | 4/12/2026 20:01    | 0:39:30               | 45.89              | -101.92            | 253.52            | -51.69            | 37.61             | 252.40           | -136.72                   | 7.28                           |
| 43 | 4/12/2026 20:12     | 4/12/2026 20:58    | 0:45:10               | -29.65             | 92.66              | 247.10            | 30.51             | -99.84            | 415.86           | -137.76                   | 6.24                           |
| 44 | 4/12/2026 21:00     | 4/12/2026 21:39    | 0:38:07               | 22.61              | -92.07             | 413.78            | -43.62            | 48.83             | 420.19           | -138.55                   | 5.45                           |
| 45 | 4/12/2026 22:21     | 4/12/2026 22:42    | 0:21:10               | 48.56              | -156.46            | 260.83            | -9.92             | -90.96            | 323.95           | -138.44                   | 5.56                           |
| 46 | 4/12/2026 22:58     | 4/12/2026 23:15    | 0:17:10               | -49.28             | -36.87             | 409.81            | -29.81            | 45.96             | 404.27           | -141.40                   | 2.60                           |
| 47 | 4/12/2026 23:32     | 4/12/2026 23:57    | 0:24:40               | 21.32              | 86.30              | 320.02            | 39.11             | -157.59           | 262.09           | -138.11                   | 5.89                           |
| 48 | 4/13/2026 0:00      | 4/13/2026 0:27     | 0:27:40               | 31.68              | -147.60            | 266.41            | -46.71            | -68.99            | 402.81           | -138.54                   | 5.46                           |
| 49 | 4/13/2026 0:28      | 4/13/2026 1:00     | 0:31:40               | -47.52             | -66.54             | 404.84            | 9.91              | 54.11             | 339.40           | -139.91                   | 4.09                           |
| 50 | 4/13/2026 1:09      | 4/13/2026 1:53     | 0:43:20               | 38.15              | 81.86              | 293.39            | -34.07            | -115.18           | 373.46           | -138.14                   | 5.86                           |
| 51 | 4/13/2026 1:56      | 4/13/2026 2:31     | 0:35:40               | -40.95             | -104.99            | 388.88            | 11.51             | 32.12             | 413.86           | -141.28                   | 2.72                           |
| 52 | 4/13/2026 2:32      | 4/13/2026 2:40     | 0:07:40               | 13.52              | 33.64              | 414.06            | 35.17             | 54.44             | 418.76           | -141.95                   | 2.05                           |
| 53 | 4/13/2026 2:44      | 4/13/2026 3:18     | 0:34:10               | 44.59              | 70.57              | 421.95            | -12.32            | -159.06           | 421.07           | -141.68                   | 2.32                           |
| 54 | 4/13/2026 3:18      | 4/13/2026 3:29     | 0:10:54               | -13.82             | -157.92            | 421.33            | -42.87            | -124.95           | 428.22           | -141.37                   | 2.63                           |
| 55 | 4/13/2026 4:06      | 4/13/2026 4:17     | 0:11:40               | 15.74              | 11.77              | 414.81            | 45.66             | 49.58             | 422.81           | -141.95                   | 2.05                           |
| 56 | 4/13/2026 4:20      | 4/13/2026 4:51     | 0:30:30               | 50.19              | 65.83              | 424.60            | -12.54            | 177.51            | 420.56           | -141.74                   | 2.26                           |
| 57 | 4/13/2026 4:51      | 4/13/2026 5:04     | 0:12:50               | -14.04             | 178.66             | 420.81            | -46.66            | -139.49           | 429.18           | -141.39                   | 2.61                           |

**Table 1 Approach TDRS SSA (6M16G1D) PFD Exceedances**

|    | Start Time<br>(GMT) | Stop Time<br>(GMT) | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m <sup>2</sup> /4kHz) | PFD Non-<br>Compliance<br>(dB) |
|----|---------------------|--------------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------------------|--------------------------------|
| 58 | 4/13/2026 5:05      | 4/13/2026 5:16     | 0:11:00               | -48.22             | -134.52            | 429.56            | -45.87            | -73.16            | 426.86           | -141.71                               | 2.29                           |
| 59 | 4/13/2026 5:19      | 4/13/2026 5:37     | 0:18:10               | -40.07             | -61.13             | 424.40            | 12.26             | -14.49            | 414.36           | -141.24                               | 2.76                           |
| 60 | 4/13/2026 5:38      | 4/13/2026 5:53     | 0:15:10               | 13.77              | -13.35             | 414.53            | 49.84             | 40.44             | 424.46           | -141.95                               | 2.05                           |
| 61 | 4/13/2026 5:58      | 4/13/2026 6:24     | 0:26:10               | 51.52              | 68.79              | 425.76            | -13.05            | 154.35            | 420.76           | -141.31                               | 2.69                           |
| 62 | 4/13/2026 6:24      | 4/13/2026 6:37     | 0:12:40               | -14.54             | 155.50             | 421.02            | -46.64            | -163.02           | 429.25           | -141.38                               | 2.62                           |
| 63 | 4/13/2026 6:38      | 4/13/2026 6:47     | 0:09:00               | -48.44             | -157.19            | 429.68            | -48.72            | -105.81           | 428.15           | -141.71                               | 2.29                           |
| 64 | 4/13/2026 7:03      | 4/13/2026 7:10     | 0:07:00               | -8.57              | -52.97             | 414.76            | 12.77             | -37.66            | 414.27           | -141.25                               | 2.75                           |
| 65 | 4/13/2026 7:11      | 4/13/2026 7:30     | 0:19:40               | 14.28              | -36.51             | 414.45            | 51.56             | 44.26             | 425.83           | -141.94                               | 2.06                           |
| 66 | 4/13/2026 7:38      | 4/13/2026 8:05     | 0:27:30               | 40.90              | 82.03              | 424.16            | -37.23            | 154.78            | 426.78           | -141.70                               | 2.30                           |
| 67 | 4/13/2026 8:18      | 4/13/2026 8:38     | 0:19:20               | -50.71             | -139.41            | 429.19            | -3.97             | -73.27            | 414.22           | -141.80                               | 2.20                           |
| 68 | 4/13/2026 8:38      | 4/13/2026 8:41     | 0:02:50               | -2.44              | -72.18             | 414.08            | 6.22              | -66.05            | 413.87           | -141.18                               | 2.82                           |
| 69 | 4/13/2026 8:52      | 4/13/2026 9:08     | 0:16:50               | 36.64              | -37.85             | 419.70            | 45.62             | 48.48             | 425.12           | -142.05                               | 1.95                           |
| 70 | 4/13/2026 9:22      | 4/13/2026 9:30     | 0:07:50               | 10.23              | 90.43              | 419.49            | -13.59            | 107.58            | 421.02           | -141.74                               | 2.26                           |
| 71 | 4/13/2026 9:30      | 4/13/2026 9:43     | 0:12:37               | -15.09             | 108.74             | 421.29            | -46.86            | 150.43            | 429.52           | -141.39                               | 2.61                           |
| 72 | 4/13/2026 9:44      | 4/13/2026 10:16    | 0:32:00               | -48.62             | 156.30             | 429.93            | 13.16             | -84.55            | 414.55           | -141.21                               | 2.79                           |
| 73 | 4/13/2026 10:17     | 4/13/2026 10:23    | 0:05:50               | 15.16              | -83.01             | 414.78            | 31.80             | -67.58            | 418.33           | -141.95                               | 2.05                           |
| 74 | 4/13/2026 10:25     | 4/13/2026 10:52    | 0:26:30               | 38.94              | -58.02             | 420.54            | 18.84             | 60.16             | 420.12           | -142.25                               | 1.75                           |
| 75 | 4/13/2026 11:03     | 4/13/2026 11:03    | 0:00:00               | -13.95             | 84.27              | 421.02            | -13.95            | 84.27             | 421.02           | -143.86                               | 0.14                           |
| 76 | 4/13/2026 11:03     | 4/13/2026 11:16    | 0:12:40               | -15.45             | 85.42              | 421.30            | -47.14            | 127.68            | 429.65           | -141.40                               | 2.60                           |
| 77 | 4/13/2026 11:17     | 4/13/2026 11:27    | 0:10:10               | -48.62             | 132.74             | 430.01            | -46.76            | -170.03           | 427.66           | -141.69                               | 2.31                           |
| 78 | 4/13/2026 11:30     | 4/13/2026 11:44    | 0:13:40               | -41.24             | -157.56            | 425.27            | -3.08             | -119.82           | 414.51           | -141.83                               | 2.17                           |
| 79 | 4/13/2026 11:44     | 4/13/2026 11:49    | 0:05:00               | -1.55              | -118.74            | 414.38            | 13.67             | -107.75           | 414.69           | -141.18                               | 2.82                           |
| 80 | 4/13/2026 11:50     | 4/13/2026 11:59    | 0:09:20               | 15.17              | -106.59            | 414.87            | 40.48             | -79.06            | 421.03           | -141.95                               | 2.05                           |
| 81 | 4/13/2026 12:02     | 4/13/2026 12:36    | 0:34:10               | 45.89              | -67.65             | 422.92            | -14.47            | 61.07             | 420.99           | -141.78                               | 2.22                           |
| 82 | 4/13/2026 12:43     | 4/13/2026 12:49    | 0:06:10               | -33.79             | 79.41              | 425.77            | -47.15            | 104.11            | 429.58           | -141.38                               | 2.62                           |
| 83 | 4/13/2026 12:50     | 4/13/2026 13:17    | 0:26:40               | -48.85             | 110.05             | 429.99            | -2.55             | -143.04           | 414.48           | -141.66                               | 2.34                           |
| 84 | 4/13/2026 13:17     | 4/13/2026 13:22    | 0:04:50               | -1.02              | -141.96            | 414.36            | 13.69             | -131.32           | 414.71           | -141.19                               | 2.81                           |
| 85 | 4/13/2026 13:23     | 4/13/2026 13:28    | 0:05:50               | 15.68              | -129.78            | 414.96            | 32.27             | -114.22           | 418.50           | -141.96                               | 2.04                           |
| 86 | 4/13/2026 13:31     | 4/13/2026 13:43    | 0:12:00               | 39.35              | -104.54            | 420.67            | 50.65             | -41.54            | 425.73           | -142.17                               | 1.83                           |
| 87 | 4/13/2026 13:45     | 4/13/2026 13:45    | 0:00:00               | 48.37              | -30.65             | 425.42            | 48.37             | -30.65            | 425.42           | -143.66                               | 0.34                           |
| 88 | 4/13/2026 13:46     | 4/13/2026 13:46    | 0:00:00               | 47.11              | -26.45             | 425.20            | 47.11             | -26.45            | 425.20           | -143.92                               | 0.08                           |
| 89 | 4/13/2026 13:50     | 4/13/2026 13:50    | 0:00:00               | 40.22              | -11.15             | 423.80            | 40.22             | -11.15            | 423.80           | -143.79                               | 0.21                           |
| 90 | 4/13/2026 13:57     | 4/13/2026 13:57    | 0:00:00               | 19.30              | 12.60              | 419.98            | 19.30             | 12.60             | 419.98           | -143.88                               | 0.12                           |

Maximum exceedance to -144 dBW/m<sup>2</sup>/4 kHz ITU/FCC Limit : 7.47 dB  
Maximum exceedance to -128 dBW/m<sup>2</sup>/4 kHz PIRN 50885-NA-0068B Limit: -8.53 dB

Table 2 Approach TDRS MA (6M16G1D) PFD Exceedances

|    | Start Time<br>(GMT) | Stop Time<br>(GMT) | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m^2/4kHz) | PFD Non-<br>Compliance<br>(dB) |
|----|---------------------|--------------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------|--------------------------------|
| 1  | 4/11/2026 11:58     | 4/11/2026 12:28    | 0:30:10               | 51.44              | -27.94             | 257.57            | -20.00            | 80.35             | 247.75           | -134.90                   | 9.10                           |
| 2  | 4/11/2026 12:31     | 4/11/2026 13:16    | 0:44:40               | -28.40             | 88.16              | 249.44            | 28.43             | -103.17           | 249.49           | -134.38                   | 9.62                           |
| 3  | 4/11/2026 13:19     | 4/11/2026 13:54    | 0:35:40               | 36.19              | -93.96             | 251.95            | -9.65             | 49.52             | 246.25           | -134.91                   | 9.09                           |
| 4  | 4/11/2026 13:57     | 4/11/2026 14:15    | 0:17:50               | -18.47             | 56.35              | 247.28            | -51.48            | 135.50            | 255.03           | -134.54                   | 9.46                           |
| 5  | 4/11/2026 14:18     | 4/11/2026 14:55    | 0:37:30               | -48.99             | 151.15             | 254.16            | 50.12             | -83.35            | 256.74           | -134.34                   | 9.66                           |
| 6  | 4/11/2026 14:58     | 4/11/2026 15:15    | 0:16:30               | 51.80              | -66.17             | 257.43            | 19.21             | 5.54              | 248.26           | -135.48                   | 8.52                           |
| 7  | 4/11/2026 15:17     | 4/11/2026 15:46    | 0:28:30               | 10.41              | 12.41              | 246.72            | -50.36            | 121.81            | 254.44           | -134.55                   | 9.45                           |
| 8  | 4/11/2026 15:49     | 4/11/2026 16:20    | 0:31:20               | -46.36             | 137.18             | 253.10            | 42.61             | -128.89           | 253.84           | -134.31                   | 9.69                           |
| 9  | 4/11/2026 16:23     | 4/11/2026 17:05    | 0:42:20               | 47.95              | -115.28            | 255.77            | -43.66            | 41.92             | 252.88           | -134.53                   | 9.47                           |
| 10 | 4/11/2026 17:11     | 4/11/2026 17:58    | 0:46:30               | -51.60             | 74.58              | 254.85            | 51.72             | -105.30           | 257.26           | -134.32                   | 9.68                           |
| 11 | 4/11/2026 18:30     | 4/11/2026 18:38    | 0:08:00               | -33.11             | 2.52               | 250.09            | -49.76            | 37.97             | 254.40           | -134.54                   | 9.46                           |
| 12 | 4/11/2026 19:10     | 4/11/2026 19:26    | 0:15:40               | 18.59              | 156.90             | 246.11            | 51.71             | -137.29           | 256.98           | -135.34                   | 8.66                           |
| 13 | 4/11/2026 19:45     | 4/11/2026 20:11    | 0:26:40               | 12.94              | -57.67             | 247.00            | -51.81            | 37.55             | 254.72           | -134.54                   | 9.46                           |
| 14 | 4/11/2026 20:29     | 4/11/2026 20:47    | 0:18:00               | -13.94             | 110.21             | 244.25            | 40.02             | 158.22            | 252.19           | -134.39                   | 9.61                           |
| 15 | 4/11/2026 21:12     | 4/11/2026 21:39    | 0:27:10               | 19.59              | -85.69             | 248.08            | -51.46            | 4.57              | 254.61           | -134.54                   | 9.46                           |
| 16 | 4/11/2026 22:41     | 4/11/2026 22:51    | 0:09:20               | 18.51              | -107.52            | 247.81            | -10.90            | -85.91            | 246.07           | -134.88                   | 9.12                           |
| 17 | 4/11/2026 23:05     | 4/11/2026 23:21    | 0:16:50               | -47.49             | -39.04             | 253.72            | -32.16            | 47.93             | 247.89           | -135.18                   | 8.82                           |
| 18 | 4/12/2026 0:09      | 4/12/2026 0:27     | 0:18:00               | 23.50              | -134.55            | 248.87            | -31.92            | -89.80            | 249.61           | -134.85                   | 9.15                           |
| 19 | 4/12/2026 0:40      | 4/12/2026 1:01     | 0:21:10               | -51.74             | -28.22             | 254.27            | -1.65             | 50.99             | 242.86           | -134.32                   | 9.68                           |
| 20 | 4/12/2026 1:39      | 4/12/2026 2:01     | 0:22:50               | 22.93              | -156.77            | 248.70            | -44.20            | -93.25            | 252.52           | -134.53                   | 9.47                           |
| 21 | 4/12/2026 2:07      | 4/12/2026 2:18     | 0:11:10               | -51.63             | -61.19             | 254.16            | -36.49            | -3.05             | 248.67           | -135.35                   | 8.65                           |
| 22 | 4/12/2026 2:58      | 4/12/2026 3:30     | 0:32:10               | 47.57              | 143.13             | 255.44            | -42.85            | -118.84           | 252.09           | -134.54                   | 9.46                           |
| 23 | 4/12/2026 4:26      | 4/12/2026 4:47     | 0:21:00               | 48.78              | 116.12             | 255.60            | -9.10             | -178.14           | 245.56           | -134.85                   | 9.15                           |
| 24 | 4/12/2026 5:56      | 4/12/2026 6:29     | 0:33:10               | 48.73              | 93.56              | 255.44            | -43.34            | -163.28           | 251.85           | -134.51                   | 9.49                           |
| 25 | 4/12/2026 6:55      | 4/12/2026 7:17     | 0:22:10               | -12.37             | -47.66             | 242.60            | 48.98             | 21.31             | 254.58           | -134.37                   | 9.63                           |
| 26 | 4/12/2026 7:28      | 4/12/2026 7:56     | 0:27:50               | 42.61              | 87.33              | 253.68            | -38.84            | 165.86            | 250.62           | -134.52                   | 9.48                           |
| 27 | 4/12/2026 8:13      | 4/12/2026 8:30     | 0:17:20               | -43.65             | -106.20            | 250.21            | 6.78              | -56.63            | 242.33           | -134.39                   | 9.61                           |
| 28 | 4/12/2026 9:07      | 4/12/2026 9:19     | 0:11:20               | 16.36              | 95.15              | 246.86            | -19.28            | 121.59            | 246.37           | -134.83                   | 9.17                           |
| 29 | 4/12/2026 9:38      | 4/12/2026 10:03    | 0:25:00               | -50.42             | -151.29            | 252.59            | 17.34             | -71.36            | 244.01           | -134.34                   | 9.66                           |
| 30 | 4/12/2026 11:04     | 4/12/2026 11:15    | 0:11:40               | -51.79             | 166.84             | 253.37            | -33.30            | -135.23           | 246.92           | -135.22                   | 8.78                           |
| 31 | 4/12/2026 11:18     | 4/12/2026 11:31    | 0:12:50               | -25.25             | -126.61            | 244.77            | 14.88             | -96.03            | 243.47           | -134.40                   | 9.60                           |
| 32 | 4/12/2026 11:51     | 4/12/2026 12:03    | 0:12:30               | 50.94              | -8.90              | 255.42            | 23.71             | 43.46             | 247.88           | -135.87                   | 8.13                           |
| 33 | 4/12/2026 12:48     | 4/12/2026 13:04    | 0:15:40               | -24.14             | -148.29            | 244.43            | 24.65             | -110.47           | 245.66           | -134.36                   | 9.64                           |
| 34 | 4/12/2026 13:20     | 4/12/2026 13:45    | 0:25:10               | 50.91              | -31.35             | 255.26            | -16.08            | 50.83             | 245.27           | -134.77                   | 9.23                           |
| 35 | 4/12/2026 14:10     | 4/12/2026 14:40    | 0:29:50               | -43.65             | 162.93             | 249.90            | 42.43             | -110.11           | 251.38           | -134.36                   | 9.64                           |
| 36 | 4/12/2026 14:44     | 4/12/2026 15:01    | 0:17:30               | 49.86              | -88.33             | 254.23            | 25.41             | -3.56             | 247.99           | -135.65                   | 8.35                           |
| 37 | 4/12/2026 15:37     | 4/12/2026 16:10    | 0:33:00               | -46.75             | 132.50             | 250.76            | 45.60             | -125.74           | 252.41           | -134.36                   | 9.64                           |
| 38 | 4/12/2026 16:34     | 4/12/2026 16:55    | 0:21:10               | 16.69              | -18.71             | 246.04            | -44.98            | 41.36             | 251.29           | -134.50                   | 9.50                           |
| 39 | 4/12/2026 17:06     | 4/12/2026 17:40    | 0:33:40               | -47.50             | 107.49             | 250.81            | 46.01             | -147.39           | 252.46           | -134.33                   | 9.67                           |
| 40 | 4/12/2026 18:02     | 4/12/2026 18:28    | 0:25:50               | 20.10              | -44.23             | 246.73            | -50.34            | 37.49             | 252.46           | -134.50                   | 9.50                           |
| 41 | 4/12/2026 18:35     | 4/12/2026 19:18    | 0:43:20               | -48.44             | 81.53              | 251.05            | 50.09             | -117.06           | 254.60           | -134.35                   | 9.65                           |
| 42 | 4/12/2026 19:21     | 4/12/2026 20:01    | 0:39:30               | 45.89              | -101.92            | 253.52            | -51.69            | 37.61             | 252.40           | -134.50                   | 9.50                           |
| 43 | 4/12/2026 20:12     | 4/12/2026 20:58    | 0:45:10               | -29.65             | 92.66              | 247.10            | 30.51             | -99.84            | 415.86           | -135.54                   | 8.46                           |
| 44 | 4/12/2026 21:00     | 4/12/2026 21:39    | 0:38:07               | 22.61              | -92.07             | 413.78            | -43.62            | 48.83             | 420.19           | -136.33                   | 7.67                           |
| 45 | 4/12/2026 22:21     | 4/12/2026 22:42    | 0:21:10               | 48.56              | -156.46            | 260.83            | -9.92             | -90.96            | 323.95           | -136.22                   | 7.78                           |
| 46 | 4/12/2026 22:58     | 4/12/2026 23:15    | 0:17:10               | -49.28             | -36.87             | 409.81            | -29.81            | 45.96             | 404.27           | -139.18                   | 4.82                           |
| 47 | 4/12/2026 23:32     | 4/12/2026 23:57    | 0:24:40               | 21.32              | 86.30              | 320.02            | 39.11             | -157.59           | 262.09           | -135.89                   | 8.11                           |
| 48 | 4/13/2026 0:00      | 4/13/2026 1:00     | 0:59:50               | 31.68              | -147.60            | 266.41            | 9.91              | 54.11             | 339.40           | -136.32                   | 7.68                           |
| 49 | 4/13/2026 1:09      | 4/13/2026 1:53     | 0:43:20               | 38.15              | 81.86              | 293.39            | -34.07            | -115.18           | 373.46           | -135.92                   | 8.08                           |
| 50 | 4/13/2026 1:56      | 4/13/2026 2:40     | 0:44:00               | -40.95             | -104.99            | 388.88            | 35.17             | 54.44             | 418.76           | -139.06                   | 4.94                           |
| 51 | 4/13/2026 2:44      | 4/13/2026 3:29     | 0:45:34               | 44.59              | 70.57              | 421.95            | -42.87            | -124.95           | 428.22           | -139.15                   | 4.85                           |
| 52 | 4/13/2026 4:06      | 4/13/2026 4:17     | 0:11:40               | 15.74              | 11.77              | 414.81            | 45.66             | 49.58             | 422.81           | -139.73                   | 4.27                           |
| 53 | 4/13/2026 4:20      | 4/13/2026 5:16     | 0:55:50               | 50.19              | 65.83              | 424.60            | -45.87            | -73.16            | 426.86           | -139.17                   | 4.83                           |
| 54 | 4/13/2026 5:19      | 4/13/2026 5:53     | 0:33:50               | -40.07             | -61.13             | 424.40            | 49.84             | 40.44             | 424.46           | -139.02                   | 4.98                           |
| 55 | 4/13/2026 5:58      | 4/13/2026 6:47     | 0:49:30               | 51.52              | 68.79              | 425.76            | -48.72            | -105.81           | 428.15           | -139.09                   | 4.91                           |
| 56 | 4/13/2026 7:03      | 4/13/2026 7:30     | 0:27:10               | -8.57              | -52.97             | 414.76            | 51.56             | 44.26             | 425.83           | -139.03                   | 4.97                           |
| 57 | 4/13/2026 7:38      | 4/13/2026 8:05     | 0:27:30               | 40.90              | 82.03              | 424.16            | -37.23            | 154.78            | 426.78           | -139.48                   | 4.52                           |

**Table 2 Approach TDRS MA (6M16G1D) PFD Exceedances**

|    | Start Time<br>(GMT) | Stop Time<br>(GMT) | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m <sup>2</sup> /4kHz) | PFD Non-<br>Compliance<br>(dB) |
|----|---------------------|--------------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------------------|--------------------------------|
| 58 | 4/13/2026 8:18      | 4/13/2026 8:41     | 0:22:40               | -50.71             | -139.41            | 429.19            | 6.22              | -66.05            | 413.87           | -138.96                               | 5.04                           |
| 59 | 4/13/2026 8:52      | 4/13/2026 9:08     | 0:16:50               | 36.64              | -37.85             | 419.70            | 45.62             | 48.48             | 425.12           | -139.83                               | 4.17                           |
| 60 | 4/13/2026 9:22      | 4/13/2026 10:23    | 1:00:37               | 10.23              | 90.43              | 419.49            | 31.80             | -67.58            | 418.33           | -138.99                               | 5.01                           |
| 61 | 4/13/2026 10:25     | 4/13/2026 10:52    | 0:26:30               | 38.94              | -58.02             | 420.54            | 18.84             | 60.16             | 420.12           | -140.03                               | 3.97                           |
| 62 | 4/13/2026 11:03     | 4/13/2026 11:27    | 0:24:20               | -13.95             | 84.27              | 421.02            | -46.76            | -170.03           | 427.66           | -139.18                               | 4.82                           |
| 63 | 4/13/2026 11:30     | 4/13/2026 11:59    | 0:29:00               | -41.24             | -157.56            | 425.27            | 40.48             | -79.06            | 421.03           | -138.96                               | 5.04                           |
| 64 | 4/13/2026 12:02     | 4/13/2026 12:36    | 0:34:20               | 45.89              | -67.65             | 422.92            | -14.96            | 61.46             | 421.08           | -139.56                               | 4.44                           |
| 65 | 4/13/2026 12:43     | 4/13/2026 13:28    | 0:45:50               | -33.79             | 79.41              | 425.77            | 32.27             | -114.22           | 418.50           | -138.97                               | 5.03                           |
| 66 | 4/13/2026 13:31     | 4/13/2026 13:45    | 0:13:20               | 39.35              | -104.54            | 420.67            | 49.25             | -34.16            | 425.56           | -139.95                               | 4.05                           |
| 67 | 4/13/2026 13:45     | 4/13/2026 13:45    | 0:00:10               | 48.60              | -31.52             | 425.46            | 48.37             | -30.65            | 425.42           | -141.44                               | 2.56                           |
| 68 | 4/13/2026 13:46     | 4/13/2026 13:46    | 0:00:10               | 47.11              | -26.45             | 425.20            | 46.83             | -25.64            | 425.15           | -141.70                               | 2.30                           |
| 69 | 4/13/2026 13:47     | 4/13/2026 13:47    | 0:00:40               | 45.98              | -23.25             | 424.98            | 44.76             | -20.18            | 424.74           | -142.82                               | 1.18                           |
| 70 | 4/13/2026 13:48     | 4/13/2026 13:48    | 0:00:10               | 43.79              | -17.97             | 424.54            | 43.45             | -17.26            | 424.47           | -142.49                               | 1.51                           |
| 71 | 4/13/2026 13:49     | 4/13/2026 13:49    | 0:00:00               | 42.06              | -14.46             | 424.18            | 42.06             | -14.46            | 424.18           | -142.15                               | 1.85                           |
| 72 | 4/13/2026 13:50     | 4/13/2026 13:50    | 0:00:00               | 40.22              | -11.15             | 423.80            | 40.22             | -11.15            | 423.80           | -141.57                               | 2.43                           |
| 73 | 4/13/2026 13:50     | 4/13/2026 13:51    | 0:00:20               | 38.68              | -8.64              | 423.47            | 37.88             | -7.43             | 423.30           | -142.67                               | 1.33                           |
| 74 | 4/13/2026 13:51     | 4/13/2026 13:51    | 0:00:00               | 36.66              | -5.66              | 423.04            | 36.66             | -5.66             | 423.04           | -143.70                               | 0.30                           |
| 75 | 4/13/2026 13:55     | 4/13/2026 13:56    | 0:00:20               | 25.08              | 7.49               | 420.82            | 24.13             | 8.38              | 420.67           | -142.14                               | 1.86                           |
| 76 | 4/13/2026 13:56     | 4/13/2026 13:57    | 0:00:20               | 22.69              | 9.68               | 420.45            | 21.73             | 10.53             | 420.31           | -141.91                               | 2.09                           |
| 77 | 4/13/2026 13:57     | 4/13/2026 13:57    | 0:00:10               | 19.79              | 12.19              | 420.05            | 19.30             | 12.60             | 419.98           | -141.66                               | 2.34                           |
| 78 | 4/13/2026 13:58     | 4/13/2026 13:58    | 0:00:10               | 16.84              | 14.60              | 419.70            | 16.34             | 15.00             | 419.65           | -142.32                               | 1.68                           |
| 79 | 4/13/2026 13:59     | 4/13/2026 14:00    | 0:00:40               | 13.86              | 16.94              | 419.42            | 11.85             | 18.46             | 419.28           | -142.71                               | 1.29                           |
| 80 | 4/13/2026 14:01     | 4/13/2026 14:05    | 0:04:50               | 9.84               | 19.95              | 419.18            | -4.90             | 30.44             | 419.58           | -142.77                               | 1.23                           |

Maximum exceedance to -144 dBW/m<sup>2</sup>/4 kHz ITU/FCC Limit : 9.69 dB  
Maximum exceedance to -128 dBW/m<sup>2</sup>/4 kHz PIRN 50885-NA-0068B Limit: -6.31 dB

Table 3 Approach GN 6Mbps (4M98G1D) PFD Exceedances

|    | Start Time      | Stop Time       | Duration (h:mm:ss) | Start Lat (deg) | Start Lon (deg) | Start Alt (km) | Stop Lat (deg) | Stop Lon (deg) | Stop Alt (km) | Max PFD (dBW/m^2/4kHz) | PFD Non-Compliance (dB) |
|----|-----------------|-----------------|--------------------|-----------------|-----------------|----------------|----------------|----------------|---------------|------------------------|-------------------------|
| 1  | 4/11/2026 13:21 | 4/11/2026 13:25 | 0:03:44            | 41.31           | -85.90          | 253.71         | 48.41          | -68.16         | 256.24        | -136.73                | 7.27                    |
| 2  | 4/11/2026 18:02 | 4/11/2026 18:06 | 0:04:04            | 46.94           | -78.58          | 255.98         | 38.29          | -60.67         | 253.33        | -136.95                | 7.05                    |
| 3  | 4/11/2026 19:35 | 4/11/2026 19:36 | 0:00:30            | 40.11           | -86.33          | 253.78         | 38.92          | -84.38         | 253.42        | -141.17                | 2.83                    |
| 4  | 4/11/2026 19:36 | 4/11/2026 19:38 | 0:02:10            | 37.68           | -82.48          | 253.04         | 31.95          | -75.01         | 251.35        | -139.02                | 4.98                    |
| 5  | 4/11/2026 19:40 | 4/11/2026 19:40 | 0:00:10            | 28.19           | -70.91          | 250.30         | 27.71          | -70.42         | 250.17        | -142.05                | 1.95                    |
| 6  | 4/11/2026 22:55 | 4/11/2026 23:00 | 0:04:25            | -24.73          | -74.53          | 248.12         | -37.00         | -60.56         | 251.00        | -137.38                | 6.62                    |
| 7  | 4/12/2026 6:45  | 4/12/2026 6:49  | 0:04:32            | -40.48          | -77.39          | 249.33         | -28.53         | -61.69         | 245.74        | -136.01                | 7.99                    |
| 8  | 4/12/2026 11:36 | 4/12/2026 11:42 | 0:05:53            | 28.76           | -83.70          | 246.96         | 43.67          | -62.10         | 252.12        | -136.37                | 7.63                    |
| 9  | 4/12/2026 13:11 | 4/12/2026 13:14 | 0:02:57            | 43.76           | -84.64          | 252.03         | 48.90          | -69.89         | 253.99        | -136.82                | 7.18                    |
| 10 | 4/12/2026 17:51 | 4/12/2026 17:56 | 0:04:56            | 47.00           | -82.30          | 253.98         | 36.15          | -61.14         | 250.86        | -136.06                | 7.94                    |
| 11 | 4/12/2026 19:25 | 4/12/2026 19:29 | 0:03:59            | 37.90           | -86.37          | 251.24         | 27.03          | -73.28         | 248.25        | -138.76                | 5.24                    |
| 12 | 4/12/2026 22:47 | 4/12/2026 22:53 | 0:05:57            | -24.09          | -79.47          | 364.98         | -39.70         | -60.80         | 386.72        | -140.11                | 3.89                    |
| 13 | 4/13/2026 0:24  | 4/13/2026 0:27  | 0:02:51            | -39.95          | -83.55          | 386.96         | -45.81         | -71.47         | 400.60        | -141.02                | 2.98                    |
| 14 | 4/13/2026 5:16  | 4/13/2026 5:21  | 0:04:39            | -46.15          | -73.89          | 426.98         | -36.09         | -55.12         | 422.80        | -140.91                | 3.09                    |
| 15 | 4/13/2026 6:52  | 4/13/2026 6:53  | 0:00:30            | -39.28          | -83.44          | 424.02         | -38.09         | -81.60         | 423.54        | -143.03                | 0.97                    |
| 16 | 4/13/2026 6:53  | 4/13/2026 6:58  | 0:04:40            | -36.88          | -79.82          | 423.05         | -24.38         | -65.70         | 418.54        | -140.29                | 3.71                    |
| 17 | 4/13/2026 10:19 | 4/13/2026 10:20 | 0:00:10            | 23.19           | -76.31          | 416.17         | 23.67          | -75.87         | 416.27        | -143.16                | 0.84                    |
| 18 | 4/13/2026 10:20 | 4/13/2026 10:23 | 0:02:30            | 26.04           | -73.65          | 416.81         | 32.86          | -66.34         | 418.64        | -142.36                | 1.64                    |
| 19 | 4/13/2026 10:23 | 4/13/2026 10:24 | 0:00:40            | 34.16           | -64.74          | 419.02         | 35.86          | -62.52         | 419.54        | -143.03                | 0.97                    |
| 20 | 4/13/2026 11:56 | 4/13/2026 12:01 | 0:05:20            | 32.43           | -90.44          | 418.53         | 44.79          | -70.40         | 422.52        | -141.70                | 2.30                    |
| 21 | 4/13/2026 12:02 | 4/13/2026 12:02 | 0:00:50            | 46.01           | -67.33          | 422.96         | 47.40          | -63.30         | 423.48        | -143.13                | 0.87                    |
| 22 | 4/13/2026 13:35 | 4/13/2026 13:39 | 0:04:30            | 46.83           | -88.65          | 423.28         | 51.57          | -64.02         | 425.34        | -141.44                | 2.56                    |
| 23 | 4/13/2026 21:55 | 4/13/2026 21:55 | 0:00:10            | -21.11          | -75.15          | 426.76         | -21.60         | -74.73         | 426.87        | -143.60                | 0.40                    |
| 24 | 4/13/2026 21:56 | 4/13/2026 21:57 | 0:00:50            | -23.52          | -73.02          | 427.34         | -25.88         | -70.81         | 427.94        | -142.19                | 1.81                    |
| 25 | 4/13/2026 21:57 | 4/13/2026 22:00 | 0:02:20            | -27.28          | -69.44          | 428.32         | -33.57         | -62.49         | 430.07        | -140.52                | 3.48                    |
| 26 | 4/13/2026 22:00 | 4/13/2026 22:01 | 0:00:10            | -35.27          | -60.31          | 430.56         | -35.69         | -59.76         | 430.68        | -143.89                | 0.11                    |
| 27 | 4/13/2026 23:33 | 4/13/2026 23:38 | 0:05:35            | -33.22          | -86.53          | 430.00         | -45.78         | -64.98         | 433.52        | -141.80                | 2.20                    |
| 28 | 4/14/2026 4:29  | 4/14/2026 4:32  | 0:02:30            | -46.37          | -68.59          | 431.25         | -41.49         | -57.67         | 429.06        | -142.02                | 1.98                    |
| 29 | 4/14/2026 6:04  | 4/14/2026 6:04  | 0:00:10            | -42.31          | -82.84          | 429.32         | -41.97         | -82.18         | 429.17        | -143.79                | 0.21                    |
| 30 | 4/14/2026 6:06  | 4/14/2026 6:10  | 0:04:20            | -38.97          | -77.00          | 427.89         | -27.78         | -63.04         | 423.52        | -141.60                | 2.40                    |
| 31 | 4/14/2026 6:11  | 4/14/2026 6:11  | 0:00:00            | -25.44          | -60.75          | 422.71         | -25.44         | -60.75         | 422.71        | -143.86                | 0.14                    |
| 32 | 4/14/2026 21:08 | 4/14/2026 21:10 | 0:01:10            | -19.91          | -70.31          | 426.69         | -23.27         | -67.39         | 427.49        | -142.20                | 1.80                    |
| 33 | 4/14/2026 21:10 | 4/14/2026 21:11 | 0:00:40            | -25.17          | -65.64          | 427.97         | -27.04         | -63.82         | 428.47        | -143.10                | 0.90                    |
| 34 | 4/14/2026 21:11 | 4/14/2026 21:13 | 0:01:50            | -28.42          | -62.42          | 428.84         | -33.34         | -56.91         | 430.21        | -142.57                | 1.43                    |
| 35 | 4/14/2026 22:45 | 4/14/2026 22:45 | 0:00:00            | -29.91          | -84.46          | 429.33         | -29.91         | -84.46         | 429.33        | -143.34                | 0.66                    |
| 36 | 4/14/2026 22:45 | 4/14/2026 22:50 | 0:04:40            | -31.25          | -82.97          | 429.70         | -42.54         | -66.45         | 432.90        | -142.19                | 1.81                    |
| 37 | 4/14/2026 22:51 | 4/14/2026 22:51 | 0:00:00            | -43.57          | -64.34          | 433.17         | -43.57         | -64.34         | 433.17        | -143.65                | 0.35                    |
| 38 | 4/14/2026 22:51 | 4/14/2026 22:51 | 0:00:03            | -44.55          | -62.15          | 433.43         | -44.65         | -61.90         | 433.46        | -143.81                | 0.19                    |
| 39 | 4/15/2026 5:17  | 4/15/2026 5:18  | 0:01:29            | -44.01          | -80.50          | 430.11         | -40.88         | -74.33         | 428.70        | -140.68                | 3.32                    |
| 40 | 4/15/2026 5:19  | 4/15/2026 5:20  | 0:01:20            | -39.75          | -72.39          | 428.21         | -36.57         | -67.56         | 426.85        | -141.14                | 2.86                    |
| 41 | 4/15/2026 5:21  | 4/15/2026 5:22  | 0:01:20            | -35.32          | -65.86          | 426.33         | -31.86         | -61.59         | 424.95        | -141.60                | 2.40                    |
| 42 | 4/15/2026 5:23  | 4/15/2026 5:24  | 0:00:36            | -29.16          | -58.61          | 423.92         | -27.51         | -56.91         | 423.32        | -142.14                | 1.86                    |
| 43 | 4/15/2026 6:55  | 4/15/2026 6:55  | 0:00:00            | -32.45          | -85.89          | 425.15         | -32.45         | -85.89         | 425.15        | -143.65                | 0.35                    |
| 44 | 4/15/2026 6:55  | 4/15/2026 6:58  | 0:02:40            | -31.12          | -84.35          | 424.63         | -23.71         | -76.88         | 422.00        | -143.30                | 0.70                    |
| 45 | 4/15/2026 20:23 | 4/15/2026 20:25 | 0:02:31            | -21.92          | -62.72          | 427.34         | -29.00         | -55.96         | 429.18        | -141.33                | 2.67                    |
| 46 | 4/15/2026 21:58 | 4/15/2026 21:59 | 0:00:30            | -28.71          | -79.87          | 429.21         | -30.07         | -78.42         | 429.59        | -143.31                | 0.69                    |
| 47 | 4/15/2026 21:59 | 4/15/2026 22:03 | 0:03:40            | -31.86          | -76.42          | 430.09         | -40.87         | -63.70         | 432.64        | -141.76                | 2.24                    |
| 48 | 4/15/2026 22:04 | 4/15/2026 22:04 | 0:00:00            | -42.67          | -60.33          | 433.14         | -42.67         | -60.33         | 433.14        | -143.56                | 0.44                    |
| 49 | 4/16/2026 4:30  | 4/16/2026 4:36  | 0:05:20            | -44.40          | -75.50          | 430.28         | -31.91         | -55.78         | 424.87        | -141.10                | 2.90                    |
| 50 | 4/16/2026 6:08  | 4/16/2026 6:08  | 0:00:00            | -32.49          | -80.08          | 425.06         | -32.49         | -80.08         | 425.06        | -143.59                | 0.41                    |
| 51 | 4/16/2026 6:09  | 4/16/2026 6:10  | 0:01:40            | -31.16          | -78.54          | 424.53         | -26.59         | -73.74         | 422.82        | -142.81                | 1.19                    |
| 52 | 4/16/2026 6:12  | 4/16/2026 6:12  | 0:00:00            | -20.87          | -68.51          | 420.93         | -20.87         | -68.51         | 420.93        | -143.00                | 1.00                    |
| 53 | 4/16/2026 21:11 | 4/16/2026 21:11 | 0:00:10            | -26.43          | -76.30          | 428.84         | -26.90         | -75.84         | 428.96        | -143.40                | 0.60                    |
| 54 | 4/16/2026 21:11 | 4/16/2026 21:15 | 0:04:00            | -28.29          | -74.44          | 429.34         | -38.61         | -61.58         | 432.25        | -141.59                | 2.41                    |
| 55 | 4/16/2026 21:16 | 4/16/2026 21:16 | 0:00:20            | -39.77          | -59.72          | 432.58         | -40.53         | -58.44         | 432.79        | -143.49                | 0.51                    |
| 56 | 4/16/2026 22:48 | 4/16/2026 22:49 | 0:00:30            | -38.55          | -85.27          | 432.22         | -39.72         | -83.41         | 432.55        | -143.10                | 0.90                    |
| 57 | 4/16/2026 22:50 | 4/16/2026 22:52 | 0:02:20            | -41.58          | -80.16          | 433.06         | -46.17         | -69.97         | 434.24        | -142.61                | 1.39                    |
| 58 | 4/17/2026 3:43  | 4/17/2026 3:48  | 0:04:45            | -46.20          | -74.14          | 431.22         | -35.96         | -55.00         | 426.51        | -141.64                | 2.36                    |
| 59 | 4/17/2026 5:19  | 4/17/2026 5:19  | 0:00:00            | -39.30          | -83.54          | 427.90         | -39.30         | -83.54         | 427.90        | -143.28                | 0.72                    |
| 60 | 4/17/2026 5:20  | 4/17/2026 5:20  | 0:00:00            | -37.32          | -80.51          | 427.01         | -37.32         | -80.51         | 427.01        | -143.79                | 0.21                    |

| Table 3 Approach GN 6Mbps (4M98G1D) PFD Exceedances |                |                |                    |                 |                 |                |                |                |               |                        |                         |
|-----------------------------------------------------|----------------|----------------|--------------------|-----------------|-----------------|----------------|----------------|----------------|---------------|------------------------|-------------------------|
|                                                     | Start Time     | Stop Time      | Duration (h:mm:ss) | Start Lat (deg) | Start Lon (deg) | Start Alt (km) | Stop Lat (deg) | Stop Lon (deg) | Stop Alt (km) | Max PFD (dBW/m^2/4kHz) | PFD Non-Compliance (dB) |
| 61                                                  | 4/17/2026 5:21 | 4/17/2026 5:21 | 0:00:00            | -35.67          | -78.21          | 426.30         | -35.67         | -78.21         | 426.30        | -142.76                | 1.24                    |
| 62                                                  | 4/17/2026 5:21 | 4/17/2026 5:21 | 0:00:00            | -33.97          | -76.01          | 425.58         | -33.97         | -76.01         | 425.58        | -143.98                | 0.02                    |

Maximum exceedance to -144 dBW/m2/4 kHz ITU/FCC Limit :
7.99
dB

Maximum exceedance to -128 dBW/m2/4 kHz PIRN 50885-NA-0068B Limit:
-8.01
dB

**Table 4 Approach GN 3Mbps (3M00G1D) PFD Exceedances**

|    | Start Time      | Stop Time       | Duration (h:mm:ss) | Start Lat (deg) | Start Lon (deg) | Start Alt (km) | Stop Lat (deg) | Stop Lon (deg) | Stop Alt (km) | Max PFD (dBW/m <sup>2</sup> /4kHz) | PFD Non-Compliance (dB) |
|----|-----------------|-----------------|--------------------|-----------------|-----------------|----------------|----------------|----------------|---------------|------------------------------------|-------------------------|
| 1  | 4/11/2026 13:21 | 4/11/2026 13:25 | 0:03:44            | 41.31           | -85.90          | 253.71         | 48.41          | -68.16         | 256.24        | -133.72                            | 10.28                   |
| 2  | 4/11/2026 18:02 | 4/11/2026 18:06 | 0:04:04            | 46.94           | -78.58          | 255.98         | 38.29          | -60.67         | 253.33        | -133.94                            | 10.06                   |
| 3  | 4/11/2026 19:35 | 4/11/2026 19:40 | 0:04:48            | 40.11           | -86.33          | 253.78         | 27.32          | -70.02         | 250.07        | -136.01                            | 7.99                    |
| 4  | 4/11/2026 22:55 | 4/11/2026 23:00 | 0:04:25            | -24.73          | -74.53          | 248.12         | -37.00         | -60.56         | 251.00        | -134.37                            | 9.63                    |
| 5  | 4/12/2026 6:45  | 4/12/2026 6:49  | 0:04:32            | -40.48          | -77.39          | 249.33         | -28.53         | -61.69         | 245.74        | -133.00                            | 11.00                   |
| 6  | 4/12/2026 11:36 | 4/12/2026 11:42 | 0:05:53            | 28.76           | -83.70          | 246.96         | 43.67          | -62.10         | 252.12        | -133.36                            | 10.64                   |
| 7  | 4/12/2026 13:11 | 4/12/2026 13:14 | 0:02:57            | 43.76           | -84.64          | 252.03         | 48.90          | -69.89         | 253.99        | -133.81                            | 10.19                   |
| 8  | 4/12/2026 17:51 | 4/12/2026 17:56 | 0:04:56            | 47.00           | -82.30          | 253.98         | 36.15          | -61.14         | 250.86        | -133.05                            | 10.95                   |
| 9  | 4/12/2026 19:25 | 4/12/2026 19:29 | 0:04:08            | 37.90           | -86.37          | 251.24         | 26.64          | -72.89         | 248.15        | -135.75                            | 8.25                    |
| 10 | 4/12/2026 22:47 | 4/12/2026 22:54 | 0:06:31            | -24.09          | -79.47          | 364.98         | -41.01         | -58.57         | 389.68        | -137.10                            | 6.90                    |
| 11 | 4/13/2026 0:24  | 4/13/2026 0:27  | 0:02:51            | -39.95          | -83.55          | 386.96         | -45.81         | -71.47         | 400.60        | -138.01                            | 5.99                    |
| 12 | 4/13/2026 5:16  | 4/13/2026 5:21  | 0:04:39            | -46.15          | -73.89          | 426.98         | -36.09         | -55.12         | 422.80        | -137.90                            | 6.10                    |
| 13 | 4/13/2026 6:52  | 4/13/2026 6:59  | 0:06:53            | -40.03          | -84.67          | 424.33         | -21.81         | -63.39         | 417.75        | -137.28                            | 6.72                    |
| 14 | 4/13/2026 10:19 | 4/13/2026 10:26 | 0:06:48            | 22.24           | -77.12          | 415.67         | 39.87          | -56.51         | 420.85        | -139.35                            | 4.65                    |
| 15 | 4/13/2026 11:55 | 4/13/2026 12:03 | 0:08:19            | 30.66           | -92.46          | 418.03         | 48.61          | -59.12         | 423.95        | -138.69                            | 5.31                    |
| 16 | 4/13/2026 13:35 | 4/13/2026 13:39 | 0:04:30            | 46.83           | -88.65          | 423.28         | 51.57          | -64.02         | 425.34        | -138.43                            | 5.57                    |
| 17 | 4/13/2026 21:55 | 4/13/2026 22:02 | 0:06:40            | -20.65          | -75.55          | 426.65         | -38.55         | -55.65         | 431.51        | -137.51                            | 6.49                    |
| 18 | 4/13/2026 23:33 | 4/13/2026 23:38 | 0:05:35            | -33.22          | -86.53          | 430.00         | -45.78         | -64.98         | 433.52        | -138.79                            | 5.21                    |
| 19 | 4/14/2026 4:29  | 4/14/2026 4:32  | 0:02:30            | -46.37          | -68.59          | 431.25         | -41.49         | -57.67         | 429.06        | -139.01                            | 4.99                    |
| 20 | 4/14/2026 6:04  | 4/14/2026 6:11  | 0:07:05            | -42.31          | -82.84          | 429.32         | -24.26         | -59.64         | 422.32        | -138.59                            | 5.41                    |
| 21 | 4/14/2026 21:08 | 4/14/2026 21:14 | 0:05:29            | -19.91          | -70.31          | 426.69         | -35.03         | -54.78         | 430.70        | -139.19                            | 4.81                    |
| 22 | 4/14/2026 22:45 | 4/14/2026 22:51 | 0:06:32            | -29.04          | -85.39          | 429.09         | -44.65         | -61.90         | 433.46        | -139.18                            | 4.82                    |
| 23 | 4/15/2026 5:17  | 4/15/2026 5:24  | 0:06:45            | -44.01          | -80.50          | 430.11         | -27.51         | -56.91         | 423.32        | -137.67                            | 6.33                    |
| 24 | 4/15/2026 6:55  | 4/15/2026 6:59  | 0:04:29            | -32.86          | -86.37          | 425.31         | -20.36         | -73.94         | 420.96        | -140.29                            | 3.71                    |
| 25 | 4/15/2026 20:23 | 4/15/2026 20:25 | 0:02:31            | -21.92          | -62.72          | 427.34         | -29.00         | -55.96         | 429.18        | -138.32                            | 5.68                    |
| 26 | 4/15/2026 21:57 | 4/15/2026 22:04 | 0:06:44            | -26.40          | -82.20          | 428.59         | -43.14         | -59.37         | 433.26        | -138.75                            | 5.25                    |
| 27 | 4/16/2026 4:30  | 4/16/2026 4:36  | 0:06:00            | -45.31          | -77.68          | 430.72         | -31.42         | -55.23         | 424.68        | -138.09                            | 5.91                    |
| 28 | 4/16/2026 6:06  | 4/16/2026 6:06  | 0:00:00            | -37.11          | -86.09          | 426.97         | -37.11         | -86.09         | 426.97        | -142.18                            | 1.82                    |
| 29 | 4/16/2026 6:07  | 4/16/2026 6:07  | 0:00:00            | -35.92          | -84.42          | 426.47         | -35.92         | -84.42         | 426.47        | -142.25                            | 1.75                    |
| 30 | 4/16/2026 6:07  | 4/16/2026 6:12  | 0:05:00            | -34.66          | -82.74          | 425.94         | -20.87         | -68.51         | 420.93        | -139.80                            | 4.20                    |
| 31 | 4/16/2026 21:09 | 4/16/2026 21:17 | 0:07:08            | -22.65          | -79.83          | 427.86         | -41.19         | -57.27         | 432.97        | -138.58                            | 5.42                    |
| 32 | 4/16/2026 22:48 | 4/16/2026 22:52 | 0:04:01            | -38.16          | -85.87          | 432.11         | -46.48         | -69.11         | 434.31        | -139.60                            | 4.40                    |
| 33 | 4/17/2026 3:43  | 4/17/2026 3:48  | 0:04:45            | -46.20          | -74.14          | 431.22         | -35.96         | -55.00         | 426.51        | -138.63                            | 5.37                    |
| 34 | 4/17/2026 5:19  | 4/17/2026 5:21  | 0:01:30            | -39.30          | -83.54          | 427.90         | -35.67         | -78.21         | 426.30        | -139.75                            | 4.25                    |
| 35 | 4/17/2026 5:21  | 4/17/2026 5:22  | 0:01:10            | -34.40          | -76.55          | 425.76         | -31.34         | -72.87         | 424.51        | -140.97                            | 3.03                    |
| 36 | 4/17/2026 5:23  | 4/17/2026 5:23  | 0:00:20            | -29.54          | -70.89          | 423.80         | -28.63         | -69.93         | 423.45        | -142.20                            | 1.80                    |
| 37 | 4/17/2026 5:24  | 4/17/2026 5:25  | 0:01:30            | -27.24          | -68.52          | 422.93         | -22.99         | -64.50         | 421.43        | -141.13                            | 2.87                    |

Maximum exceedance to -144 dBW/m<sup>2</sup>/4 kHz ITU/FCC Limit : 11.00 dB  
Maximum exceedance to -128 dBW/m<sup>2</sup>/4 kHz PIRN 50885-NA-0068B Limit: -5.00 dB

**Table 5 Approach CLS LowRate (5M93G1D) PFD Exceedances**

|    | Start Time<br>(GMT) | Stop Time<br>(GMT) | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m <sup>2</sup> /4kHz) | PFD Non-<br>Compliance<br>(dB) |
|----|---------------------|--------------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------------------|--------------------------------|
| 1  | 4/11/2026 12:17     | 4/11/2026 12:17    | 0:00:00               | 15.62              | 53.90              | 247.89            | 15.62             | 53.90             | 247.89           | -143.96                               | 0.04                           |
| 2  | 4/11/2026 12:19     | 4/11/2026 12:19    | 0:00:40               | 10.94              | 57.48              | 247.14            | 8.84              | 59.02             | 246.87           | -142.66                               | 1.34                           |
| 3  | 4/11/2026 12:20     | 4/11/2026 12:38    | 0:17:50               | 7.26               | 60.17              | 246.70            | -44.32            | 111.58            | 253.57           | -136.38                               | 7.62                           |
| 4  | 4/11/2026 13:04     | 4/11/2026 13:23    | 0:19:20               | -9.87              | -133.09            | 244.93            | 45.64             | -76.60            | 255.24           | -136.49                               | 7.51                           |
| 5  | 4/11/2026 13:47     | 4/11/2026 13:47    | 0:00:00               | 15.11              | 31.57              | 247.57            | 15.11             | 31.57             | 247.57           | -143.98                               | 0.02                           |
| 6  | 4/11/2026 13:48     | 4/11/2026 13:49    | 0:00:40               | 10.42              | 35.13              | 246.84            | 8.32              | 36.68             | 246.59           | -142.66                               | 1.34                           |
| 7  | 4/11/2026 13:49     | 4/11/2026 14:07    | 0:17:40               | 6.74               | 37.82              | 246.42            | -44.32            | 88.85             | 253.35           | -136.38                               | 7.62                           |
| 8  | 4/11/2026 14:32     | 4/11/2026 14:32    | 0:00:00               | -11.44             | -156.99            | 244.89            | -11.44            | -156.99           | 244.89           | -143.99                               | 0.01                           |
| 9  | 4/11/2026 14:33     | 4/11/2026 14:52    | 0:19:30               | -9.86              | -155.82            | 244.75            | 45.96             | -98.51            | 255.22           | -136.48                               | 7.52                           |
| 10 | 4/11/2026 15:16     | 4/11/2026 15:16    | 0:00:00               | 14.58              | 9.25               | 247.36            | 14.58             | 9.25              | 247.36           | -143.99                               | 0.01                           |
| 11 | 4/11/2026 15:17     | 4/11/2026 15:18    | 0:00:50               | 10.41              | 12.41              | 246.72            | 7.78              | 14.34             | 246.40           | -142.67                               | 1.33                           |
| 12 | 4/11/2026 15:19     | 4/11/2026 15:36    | 0:17:40               | 6.20               | 15.48              | 246.25            | -44.67            | 66.91             | 253.29           | -136.38                               | 7.62                           |
| 13 | 4/11/2026 16:02     | 4/11/2026 16:22    | 0:19:50               | -10.90             | -179.31            | 244.64            | 45.97             | -121.21           | 255.05           | -136.49                               | 7.51                           |
| 14 | 4/11/2026 16:46     | 4/11/2026 16:46    | 0:00:00               | 14.04              | -13.06             | 247.21            | 14.04             | -13.06            | 247.21           | -144.00                               | 0.00                           |
| 15 | 4/11/2026 16:47     | 4/11/2026 16:48    | 0:00:50               | 9.87               | -9.91              | 246.59            | 7.24              | -7.99             | 246.29           | -142.70                               | 1.30                           |
| 16 | 4/11/2026 16:48     | 4/11/2026 17:06    | 0:17:30               | 5.65               | -6.86              | 246.14            | -44.68            | 44.21             | 253.15           | -136.37                               | 7.63                           |
| 17 | 4/11/2026 17:31     | 4/11/2026 17:51    | 0:20:00               | -10.87             | -157.98            | 244.38            | 46.29             | -143.07           | 255.06           | -136.47                               | 7.53                           |
| 18 | 4/11/2026 18:16     | 4/11/2026 18:17    | 0:00:50               | 9.31               | -32.23             | 246.55            | 6.68              | -30.32            | 246.26           | -142.73                               | 1.27                           |
| 19 | 4/11/2026 18:18     | 4/11/2026 18:35    | 0:17:30               | 5.09               | -29.18             | 246.12            | -45.03            | 22.31             | 253.20           | -136.38                               | 7.62                           |
| 20 | 4/11/2026 19:01     | 4/11/2026 19:21    | 0:20:00               | -10.84             | 135.27             | 244.13            | 46.31             | -165.74           | 254.84           | -136.47                               | 7.53                           |
| 21 | 4/11/2026 19:46     | 4/11/2026 20:05    | 0:18:40               | 8.75               | -54.55             | 246.44            | -45.05            | -0.37             | 253.24           | -136.38                               | 7.62                           |
| 22 | 4/11/2026 20:30     | 4/11/2026 20:50    | 0:20:00               | -10.28             | 112.96             | 243.84            | 46.63             | 172.43            | 254.59           | -136.46                               | 7.54                           |
| 23 | 4/11/2026 21:15     | 4/11/2026 21:34    | 0:18:30               | 8.17               | -76.86             | 246.27            | -45.08            | -23.02            | 253.12           | -136.38                               | 7.62                           |
| 24 | 4/11/2026 21:59     | 4/11/2026 22:19    | 0:20:00               | -10.23             | 90.28              | 243.62            | 46.66             | 149.79            | 254.48           | -136.46                               | 7.54                           |
| 25 | 4/11/2026 22:43     | 4/11/2026 22:43    | 0:00:00               | 12.31              | -102.65            | 246.75            | 12.31             | -102.65           | 246.75           | -143.76                               | 0.24                           |
| 26 | 4/11/2026 22:45     | 4/11/2026 22:46    | 0:00:40               | 7.59               | -99.16             | 246.17            | 5.48              | -97.64            | 245.98           | -142.52                               | 1.48                           |
| 27 | 4/11/2026 22:46     | 4/11/2026 23:03    | 0:17:20               | 3.89               | -96.51             | 245.87            | -45.43            | -44.86            | 253.19           | -136.38                               | 7.62                           |
| 28 | 4/11/2026 23:29     | 4/11/2026 23:49    | 0:19:50               | -9.65              | 67.98              | 243.43            | 46.69             | 127.16            | 254.41           | -136.46                               | 7.54                           |
| 29 | 4/12/2026 0:13      | 4/12/2026 0:13     | 0:00:00               | 11.73              | -124.93            | 246.63            | 11.73             | -124.93           | 246.63           | -143.88                               | 0.12                           |
| 30 | 4/12/2026 0:14      | 4/12/2026 0:15     | 0:00:50               | 7.53               | -121.84            | 246.12            | 4.89              | -119.95           | 245.89           | -142.68                               | 1.32                           |
| 31 | 4/12/2026 0:16      | 4/12/2026 0:33     | 0:17:10               | 3.30               | -118.82            | 245.79            | -45.47            | -67.50            | 253.04           | -136.38                               | 7.62                           |
| 32 | 4/12/2026 0:58      | 4/12/2026 1:18     | 0:19:50               | -9.06              | 45.69              | 243.15            | 47.01             | 105.39            | 254.39           | -136.45                               | 7.55                           |
| 33 | 4/12/2026 1:42      | 4/12/2026 1:42     | 0:00:00               | 11.14              | -147.22            | 246.50            | 11.14             | -147.22           | 246.50           | -143.98                               | 0.02                           |
| 34 | 4/12/2026 1:44      | 4/12/2026 1:56     | 0:11:50               | 6.94               | -144.14            | 246.01            | -29.65            | -115.07           | 248.93           | -136.38                               | 7.62                           |

|                                                                                 |       |    |
|---------------------------------------------------------------------------------|-------|----|
| Maximum exceedance to -144 dBW/m <sup>2</sup> /4 kHz ITU/FCC Limit :            | 7.63  | dB |
| Maximum exceedance to -128 dBW/m <sup>2</sup> /4 kHz PIRN 50885-NA-0068B Limit: | -8.37 | dB |

Table 6 Berthed TDRS SSA (6M16G1D) PFD Exceedances

|    | Start Time<br>(GMT) | Stop Time<br>(GMT) | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m^2/4kHz) | PFD Non-<br>Compliance<br>(dB) |
|----|---------------------|--------------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------|--------------------------------|
| 1  | 9/18/2025 0:05      | 9/18/2025 0:14     | 0:08:40               | -37.71             | 65.98              | 432.01            | -51.45            | 107.39            | 453.84           | -141.62                   | 2.38                           |
| 2  | 9/18/2025 0:15      | 9/18/2025 0:16     | 0:00:40               | -51.79             | 115.26             | 456.07            | -51.74            | 119.22            | 457.04           | -142.93                   | 1.07                           |
| 3  | 9/18/2025 0:19      | 9/18/2025 0:27     | 0:08:40               | -49.96             | 135.49             | 460.05            | -32.95            | 172.16            | 458.58           | -143.10                   | 0.90                           |
| 4  | 9/18/2025 0:28      | 9/18/2025 0:29     | 0:01:00               | -31.65             | 173.70             | 458.08            | -28.97            | 176.63            | 456.96           | -142.47                   | 1.53                           |
| 5  | 9/18/2025 0:36      | 9/18/2025 0:36     | 0:00:10               | -8.70              | -166.23            | 446.25            | -8.20             | -165.86           | 445.96           | -143.87                   | 0.13                           |
| 6  | 9/18/2025 0:38      | 9/18/2025 0:38     | 0:00:20               | -2.65              | -161.91            | 442.69            | -1.64             | -161.19           | 442.09           | -143.45                   | 0.55                           |
| 7  | 9/18/2025 0:39      | 9/18/2025 0:47     | 0:08:30               | 0.89               | -159.41            | 440.59            | 26.11             | -139.58           | 425.71           | -142.35                   | 1.65                           |
| 8  | 9/18/2025 0:59      | 9/18/2025 1:42     | 0:43:30               | 50.40              | -93.09             | 407.14            | -47.03            | 61.44             | 417.59           | -141.93                   | 2.07                           |
| 9  | 9/18/2025 1:46      | 9/18/2025 1:47     | 0:00:30               | -51.40             | 83.24              | 422.41            | -51.61            | 86.20             | 422.82           | -143.13                   | 0.87                           |
| 10 | 9/18/2025 1:48      | 9/18/2025 1:54     | 0:06:00               | -51.77             | 90.18              | 423.29            | -46.86            | 123.76            | 423.75           | -141.83                   | 2.17                           |
| 11 | 9/18/2025 1:56      | 9/18/2025 2:01     | 0:04:40               | -41.38             | 136.28             | 421.78            | -29.78            | 152.24            | 416.31           | -142.13                   | 1.87                           |
| 12 | 9/18/2025 2:02      | 9/18/2025 2:03     | 0:01:40               | -28.41             | 153.68             | 415.61            | -23.71            | 158.22            | 413.19           | -143.25                   | 0.75                           |
| 13 | 9/18/2025 2:04      | 9/18/2025 2:06     | 0:02:10               | -20.82             | 160.78             | 411.69            | -14.41            | 165.98            | 408.41           | -143.14                   | 0.86                           |
| 14 | 9/18/2025 2:08      | 9/18/2025 2:09     | 0:01:10               | -8.87              | 170.13             | 405.70            | -5.32             | 172.69            | 404.03           | -143.13                   | 0.87                           |
| 15 | 9/18/2025 2:10      | 9/18/2025 2:27     | 0:17:00               | -2.76              | 174.50             | 402.89            | 44.39             | -137.24           | 388.97           | -141.22                   | 2.78                           |
| 16 | 9/18/2025 2:59      | 9/18/2025 3:08     | 0:08:30               | -6.44              | -10.68             | 387.77            | -31.32            | 10.68             | 404.31           | -140.64                   | 3.36                           |
| 17 | 9/18/2025 3:08      | 9/18/2025 3:19     | 0:11:00               | -33.09             | 12.75              | 405.70            | -51.66            | 63.65             | 422.89           | -141.13                   | 2.87                           |
| 18 | 9/18/2025 3:20      | 9/18/2025 3:25     | 0:05:10               | -51.78             | 67.63              | 423.34            | -47.93            | 96.92             | 423.98           | -141.84                   | 2.16                           |
| 19 | 9/18/2025 3:28      | 9/18/2025 3:33     | 0:05:10               | -42.83             | 110.03             | 422.30            | -30.26            | 128.24            | 416.50           | -142.18                   | 1.82                           |
| 20 | 9/18/2025 3:34      | 9/18/2025 3:35     | 0:01:30               | -28.44             | 130.18             | 415.57            | -24.23            | 134.28            | 413.40           | -143.08                   | 0.92                           |
| 21 | 9/18/2025 3:36      | 9/18/2025 3:39     | 0:03:10               | -21.83             | 136.44             | 412.16            | -12.44            | 144.01            | 407.40           | -142.68                   | 1.32                           |
| 22 | 9/18/2025 3:41      | 9/18/2025 3:42     | 0:01:00               | -7.39              | 147.73             | 404.97            | -4.33             | 149.92            | 403.57           | -143.04                   | 0.96                           |
| 23 | 9/18/2025 3:43      | 9/18/2025 4:16     | 0:33:00               | -2.29              | 151.36             | 402.66            | 39.46             | -75.61            | 380.22           | -140.56                   | 3.44                           |
| 24 | 9/18/2025 4:22      | 9/18/2025 4:26     | 0:04:30               | 23.95              | -57.17             | 379.19            | 10.52             | -46.25            | 381.23           | -142.95                   | 1.05                           |
| 25 | 9/18/2025 4:27      | 9/18/2025 4:40     | 0:12:50               | 6.43               | -43.28             | 382.41            | -31.73            | -12.32            | 404.70           | -140.60                   | 3.40                           |
| 26 | 9/18/2025 4:41      | 9/18/2025 4:45     | 0:03:50               | -33.06             | -10.76             | 405.75            | -42.26            | 3.11              | 413.37           | -141.16                   | 2.84                           |
| 27 | 9/18/2025 5:01      | 9/18/2025 5:12     | 0:11:50               | -42.51             | 87.20              | 422.24            | -10.46            | 122.02            | 407.39           | -141.48                   | 2.52                           |
| 28 | 9/18/2025 5:14      | 9/18/2025 5:15     | 0:00:50               | -6.40              | 124.98             | 405.96            | -3.85             | 126.79            | 405.16           | -143.32                   | 0.68                           |
| 29 | 9/18/2025 5:15      | 9/18/2025 5:39     | 0:23:20               | -1.29              | 128.60             | 404.43            | 51.78             | -147.45           | 406.03           | -141.44                   | 2.56                           |
| 30 | 9/18/2025 5:39      | 9/18/2025 5:43     | 0:03:30               | 51.75              | -143.44            | 406.13            | 49.22             | -123.25           | 406.30           | -141.35                   | 2.65                           |
| 31 | 9/18/2025 5:46      | 9/18/2025 5:53     | 0:07:00               | 44.36              | -108.48            | 406.05            | 27.22             | -83.81            | 405.36           | -142.02                   | 1.98                           |
| 32 | 9/18/2025 5:54      | 9/18/2025 5:54     | 0:00:10               | 25.34              | -81.98             | 405.38            | 24.87             | -81.53            | 405.39           | -143.98                   | 0.02                           |
| 33 | 9/18/2025 5:55      | 9/18/2025 5:57     | 0:02:10               | 21.99              | -78.92             | 405.48            | 15.59             | -73.63            | 405.94           | -143.56                   | 0.44                           |
| 34 | 9/18/2025 6:01      | 9/18/2025 6:13     | 0:11:30               | 2.44               | -63.95             | 408.11            | -31.48            | -36.14            | 420.72           | -141.02                   | 2.98                           |
| 35 | 9/18/2025 6:14      | 9/18/2025 6:25     | 0:10:50               | -34.10             | -33.00             | 421.93            | -51.71            | 17.83             | 429.22           | -141.83                   | 2.17                           |
| 36 | 9/18/2025 6:27      | 9/18/2025 6:36     | 0:08:10               | -51.03             | 34.63              | 428.45            | -37.06            | 72.76             | 421.35           | -141.50                   | 2.50                           |
| 37 | 9/18/2025 6:39      | 9/18/2025 6:40     | 0:01:20               | -29.24             | 82.32              | 417.86            | -25.53            | 86.05             | 416.33           | -143.05                   | 0.95                           |
| 38 | 9/18/2025 6:41      | 9/18/2025 6:45     | 0:04:40               | -23.15             | 88.26              | 415.41            | -9.29             | 99.35             | 411.11           | -142.51                   | 1.49                           |
| 39 | 9/18/2025 6:47      | 9/18/2025 6:47     | 0:00:40               | -5.22              | 102.28             | 410.25            | -3.18             | 103.72            | 409.89           | -143.48                   | 0.52                           |
| 40 | 9/18/2025 6:48      | 9/18/2025 7:11     | 0:23:00               | -0.63              | 105.53             | 409.51            | 51.77             | -172.03           | 417.82           | -141.58                   | 2.42                           |
| 41 | 9/18/2025 7:12      | 9/18/2025 7:16     | 0:03:30               | 51.75              | -167.02            | 417.99            | 49.24             | -146.89           | 418.10           | -141.60                   | 2.40                           |
| 42 | 9/18/2025 7:16      | 9/18/2025 7:21     | 0:04:30               | 48.59              | -144.25            | 418.04            | 40.18             | -123.86           | 416.95           | -141.37                   | 2.63                           |
| 43 | 9/18/2025 7:23      | 9/18/2025 7:25     | 0:01:50               | 33.21              | -113.94            | 415.98            | 28.27             | -108.43           | 415.39           | -142.72                   | 1.28                           |
| 44 | 9/18/2025 7:27      | 9/18/2025 7:30     | 0:02:10               | 22.13              | -102.60            | 414.84            | 15.75             | -97.32            | 414.55           | -143.77                   | 0.23                           |
| 45 | 9/18/2025 7:34      | 9/18/2025 7:46     | 0:11:10               | 1.10               | -86.57             | 415.22            | -31.73            | -59.42            | 423.37           | -141.12                   | 2.88                           |
| 46 | 9/18/2025 7:46      | 9/18/2025 7:57     | 0:10:40               | -33.91             | -56.80             | 424.11            | -51.65            | -7.16             | 429.35           | -141.44                   | 2.56                           |
| 47 | 9/18/2025 7:58      | 9/18/2025 8:08     | 0:09:30               | -51.79             | -1.18              | 429.20            | -38.83            | 46.54             | 422.22           | -141.43                   | 2.57                           |
| 48 | 9/18/2025 8:27      | 9/18/2025 8:44     | 0:17:30               | 16.48              | 94.50              | 413.02            | 51.78             | 165.10            | 421.94           | -141.67                   | 2.33                           |
| 49 | 9/18/2025 8:45      | 9/18/2025 8:58     | 0:13:00               | 51.73              | 170.10             | 422.09            | 28.45             | -132.18           | 419.50           | -141.51                   | 2.49                           |
| 50 | 9/18/2025 9:00      | 9/18/2025 9:00     | 0:00:00               | 21.84              | -125.92            | 418.90            | 21.84             | -125.92           | 418.90           | -143.99                   | 0.01                           |
| 51 | 9/18/2025 9:02      | 9/18/2025 9:02     | 0:00:40               | 17.94              | -122.63            | 418.69            | 15.96             | -121.04           | 418.63           | -143.91                   | 0.09                           |
| 52 | 9/18/2025 9:07      | 9/18/2025 9:18     | 0:11:00               | 0.30               | -109.58            | 419.38            | -31.95            | -82.73            | 427.48           | -141.24                   | 2.76                           |
| 53 | 9/18/2025 9:19      | 9/18/2025 9:29     | 0:09:20               | -34.13             | -80.10             | 428.22            | -51.01            | -38.13            | 433.34           | -141.52                   | 2.48                           |
| 54 | 9/18/2025 9:31      | 9/18/2025 9:37     | 0:05:10               | -51.71             | -21.34             | 433.04            | -46.55            | 7.03              | 429.97           | -141.99                   | 2.01                           |
| 55 | 9/18/2025 10:07     | 9/18/2025 10:17    | 0:09:30               | 38.46              | 94.11              | 417.10            | 51.78             | 141.59            | 421.94           | -142.01                   | 1.99                           |
| 56 | 9/18/2025 10:18     | 9/18/2025 10:30    | 0:12:30               | 51.73              | 146.59             | 422.10            | 29.79             | -157.18           | 419.69           | -141.51                   | 2.49                           |
| 57 | 9/18/2025 10:32     | 9/18/2025 10:32    | 0:00:10               | 26.09              | -153.41            | 419.30            | 25.62             | -152.96           | 419.25           | -143.86                   | 0.14                           |

Table 6 Berthed TDRS SSA (6M16G1D) PFD Exceedances

|     | Start Time<br>(GMT) | Stop Time<br>(GMT) | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m^2/4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|---------------------|--------------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------|--------------------------------|
| 58  | 9/18/2025 10:34     | 9/18/2025 10:35    | 0:00:50               | 18.88              | -146.99            | 418.77            | 16.42             | -144.99           | 418.68           | -143.88                   | 0.12                           |
| 59  | 9/18/2025 10:38     | 9/18/2025 10:38    | 0:00:30               | 7.89               | -138.56            | 418.77            | 6.37              | -137.47           | 418.85           | -143.76                   | 0.24                           |
| 60  | 9/18/2025 10:41     | 9/18/2025 10:51    | 0:10:40               | -0.76              | -132.42            | 419.54            | -31.99            | -106.28           | 427.47           | -141.23                   | 2.77                           |
| 61  | 9/18/2025 10:52     | 9/18/2025 10:57    | 0:04:20               | -34.59             | -103.11            | 428.35            | -44.44            | -86.55            | 431.60           | -141.48                   | 2.52                           |
| 62  | 9/18/2025 10:59     | 9/18/2025 11:03    | 0:03:20               | -49.03             | -72.75             | 432.90            | -51.67            | -53.81            | 433.25           | -142.50                   | 1.50                           |
| 63  | 9/18/2025 11:04     | 9/18/2025 11:13    | 0:09:20               | -51.78             | -47.83             | 433.09            | -39.04            | -0.96             | 426.16           | -141.61                   | 2.39                           |
| 64  | 9/18/2025 11:37     | 9/18/2025 11:39    | 0:02:50               | 29.03              | 58.65              | 414.76            | 36.46             | 67.60             | 416.52           | -142.00                   | 2.00                           |
| 65  | 9/18/2025 11:43     | 9/18/2025 11:50    | 0:06:30               | 44.94              | 82.82              | 419.02            | 51.78             | 118.08            | 421.91           | -142.01                   | 1.99                           |
| 66  | 9/18/2025 11:51     | 9/18/2025 12:03    | 0:12:20               | 51.72              | 123.08             | 422.08            | 30.20             | 178.78            | 419.75           | -141.52                   | 2.48                           |
| 67  | 9/18/2025 12:04     | 9/18/2025 12:05    | 0:00:10               | 26.05              | -176.96            | 419.30            | 25.58             | -176.51           | 419.26           | -143.76                   | 0.24                           |
| 68  | 9/18/2025 12:07     | 9/18/2025 12:08    | 0:01:10               | 19.82              | -171.36            | 418.84            | 16.37             | -168.55           | 418.70           | -143.74                   | 0.26                           |
| 69  | 9/18/2025 12:09     | 9/18/2025 12:10    | 0:00:30               | 12.38              | -165.47            | 418.66            | 10.88             | -164.34           | 418.68           | -143.89                   | 0.11                           |
| 70  | 9/18/2025 12:11     | 9/18/2025 12:11    | 0:00:30               | 6.83               | -161.39            | 418.85            | 5.31              | -160.30           | 418.95           | -143.70                   | 0.30                           |
| 71  | 9/18/2025 12:14     | 9/18/2025 12:24    | 0:10:40               | -1.31              | -155.62            | 419.64            | -32.46            | -129.31           | 427.64           | -141.29                   | 2.71                           |
| 72  | 9/18/2025 12:25     | 9/18/2025 12:33    | 0:07:50               | -34.62             | -126.65            | 428.37            | -49.84            | -92.67            | 433.08           | -141.49                   | 2.51                           |
| 73  | 9/18/2025 12:37     | 9/18/2025 12:41    | 0:04:40               | -51.77             | -70.34             | 433.04            | -47.84            | -44.12            | 430.53           | -141.95                   | 2.05                           |
| 74  | 9/18/2025 13:08     | 9/18/2025 13:18    | 0:10:10               | 24.87              | 30.94              | 413.97            | 48.29             | 68.99             | 420.16           | -141.60                   | 2.40                           |
| 75  | 9/18/2025 15:32     | 9/18/2025 15:41    | 0:09:30               | -37.20             | -170.33            | 429.15            | -51.69            | -124.31           | 433.15           | -141.44                   | 2.56                           |
| 76  | 9/18/2025 15:42     | 9/18/2025 15:44    | 0:02:00               | -51.77             | -117.34            | 432.93            | -50.86            | -105.57           | 432.17           | -142.70                   | 1.30                           |
| 77  | 9/18/2025 17:10     | 9/18/2025 17:14    | 0:04:00               | -48.21             | -170.27            | 432.59            | -51.69            | -147.80           | 433.12           | -142.49                   | 1.51                           |
| 78  | 9/18/2025 17:15     | 9/18/2025 17:22    | 0:07:00               | -51.76             | -140.84            | 432.90            | -43.64            | -103.75           | 428.27           | -141.67                   | 2.33                           |
| 79  | 9/18/2025 19:01     | 9/18/2025 19:01    | 0:00:00               | -29.48             | -106.61            | 421.81            | -29.48            | -106.61           | 421.81           | -143.95                   | 0.05                           |
| 80  | 9/18/2025 19:02     | 9/18/2025 19:03    | 0:01:00               | -27.65             | -104.70            | 421.04            | -24.84            | -101.97           | 419.92           | -143.38                   | 0.62                           |
| 81  | 9/18/2025 19:04     | 9/18/2025 19:09    | 0:05:00               | -21.97             | -99.36             | 418.83            | -7.04             | -87.70            | 414.50           | -142.76                   | 1.24                           |
| 82  | 9/18/2025 19:09     | 9/18/2025 19:10    | 0:00:40               | -4.49              | -85.88             | 414.01            | -2.46             | -84.44            | 413.68           | -143.53                   | 0.47                           |
| 83  | 9/18/2025 19:11     | 9/18/2025 19:12    | 0:00:30               | 0.61               | -82.28             | 413.27            | 2.14              | -81.20            | 413.11           | -143.38                   | 0.62                           |
| 84  | 9/18/2025 21:06     | 9/18/2025 21:07    | 0:01:10               | 51.58              | -28.90             | 421.62            | 51.78             | -21.92            | 421.89           | -143.07                   | 0.93                           |
| 85  | 9/18/2025 21:08     | 9/18/2025 21:11    | 0:03:20               | 51.66              | -16.93             | 422.02            | 48.95             | 2.04              | 422.02           | -141.60                   | 2.40                           |
| 86  | 9/18/2025 21:12     | 9/18/2025 21:19    | 0:07:50               | 48.27              | 4.65               | 421.95            | 31.31             | 36.01             | 419.60           | -141.62                   | 2.38                           |
| 87  | 9/18/2025 21:22     | 9/18/2025 21:24    | 0:01:40               | 24.38              | 43.09              | 418.85            | 19.56             | 47.33             | 418.50           | -143.52                   | 0.48                           |
| 88  | 9/18/2025 21:24     | 9/18/2025 21:26    | 0:01:20               | 17.59              | 48.94              | 418.41            | 13.62             | 52.06             | 418.32           | -143.82                   | 0.18                           |
| 89  | 9/19/2025 0:33      | 9/19/2025 0:33     | 0:00:20               | 9.51               | 7.96               | 418.25            | 8.50              | 8.70              | 418.29           | -143.71                   | 0.29                           |
| 90  | 9/19/2025 0:34      | 9/19/2025 0:34     | 0:00:20               | 4.95               | 11.25              | 418.50            | 3.93              | 11.97             | 418.58           | -143.89                   | 0.11                           |
| 91  | 9/19/2025 0:38      | 9/19/2025 0:47     | 0:09:50               | -5.74              | 18.81              | 419.87            | -34.08            | 43.95             | 427.87           | -141.32                   | 2.68                           |
| 92  | 9/19/2025 0:48      | 9/19/2025 0:52     | 0:04:00               | -36.60             | 47.30              | 428.75            | -45.32            | 63.26             | 431.68           | -141.40                   | 2.60                           |
| 93  | 9/19/2025 4:41      | 9/19/2025 4:51     | 0:10:40               | 36.87              | 168.71             | 416.59            | 51.77             | -138.40           | 421.83           | -141.93                   | 2.07                           |
| 94  | 9/19/2025 4:52      | 9/19/2025 4:55     | 0:03:10               | 51.58              | -133.42            | 421.95            | 48.85             | -115.49           | 421.93           | -141.61                   | 2.39                           |
| 95  | 9/19/2025 4:56      | 9/19/2025 4:56     | 0:00:20               | 48.16              | -112.89            | 421.86            | 47.66             | -111.20           | 421.81           | -142.91                   | 1.09                           |
| 96  | 9/19/2025 5:47      | 9/19/2025 5:50     | 0:02:50               | -38.22             | 77.26              | 425.93            | -31.01            | 86.62             | 422.63           | -142.63                   | 1.37                           |
| 97  | 9/19/2025 5:51      | 9/19/2025 5:51     | 0:00:20               | -29.20             | 88.59              | 421.84            | -28.28            | 89.54             | 421.46           | -143.43                   | 0.57                           |
| 98  | 9/19/2025 5:52      | 9/19/2025 5:53     | 0:00:30               | -25.01             | 92.76              | 420.12            | -23.59            | 94.08             | 419.56           | -143.09                   | 0.91                           |
| 99  | 9/19/2025 5:54      | 9/19/2025 5:58     | 0:03:20               | -18.74             | 98.27              | 417.81            | -8.75             | 105.95            | 414.92           | -142.51                   | 1.49                           |
| 100 | 9/19/2025 5:59      | 9/19/2025 6:00     | 0:00:40               | -3.67              | 109.60             | 413.89            | -1.63             | 111.04            | 413.56           | -142.82                   | 1.18                           |
| 101 | 9/19/2025 6:01      | 9/19/2025 6:02     | 0:00:30               | 1.44               | 113.19             | 413.16            | 2.97              | 114.27            | 413.01           | -142.92                   | 1.08                           |
| 102 | 9/19/2025 6:02      | 9/19/2025 6:03     | 0:00:10               | 5.51               | 116.08             | 412.82            | 6.02              | 116.45            | 412.79           | -143.10                   | 0.90                           |
| 103 | 9/19/2025 6:03      | 9/19/2025 6:03     | 0:00:10               | 8.06               | 117.91             | 412.71            | 8.56              | 118.28            | 412.69           | -142.89                   | 1.11                           |
| 104 | 9/19/2025 7:36      | 9/19/2025 7:55     | 0:19:00               | 8.61               | 94.73              | 412.68            | 51.49             | 164.66            | 421.39           | -141.41                   | 2.59                           |
| 105 | 9/19/2025 10:28     | 9/19/2025 10:28    | 0:00:00               | -31.33             | 15.49              | 422.69            | -31.33            | 15.49             | 422.69           | -143.88                   | 0.12                           |
| 106 | 9/19/2025 10:29     | 9/19/2025 10:29    | 0:00:10               | -29.53             | 17.47              | 421.91            | -29.07            | 17.96             | 421.71           | -143.33                   | 0.67                           |
| 107 | 9/19/2025 10:30     | 9/19/2025 10:31    | 0:00:30               | -26.30             | 20.77              | 420.56            | -24.88            | 22.12             | 419.99           | -143.27                   | 0.73                           |
| 108 | 9/19/2025 10:32     | 9/19/2025 10:33    | 0:01:20               | -22.01             | 24.72              | 418.89            | -18.11            | 28.02             | 417.51           | -143.09                   | 0.91                           |
| 109 | 9/19/2025 10:36     | 9/19/2025 10:38    | 0:01:10               | -8.10              | 35.66              | 414.68            | -4.54             | 38.21             | 413.96           | -142.69                   | 1.31                           |
| 110 | 9/19/2025 10:39     | 9/19/2025 10:39    | 0:00:30               | -0.46              | 41.09              | 413.31            | 1.07              | 42.17             | 413.12           | -142.89                   | 1.11                           |
| 111 | 9/19/2025 10:40     | 9/19/2025 10:41    | 0:00:20               | 3.62               | 43.97              | 412.87            | 4.64              | 44.70             | 412.80           | -142.70                   | 1.30                           |
| 112 | 9/19/2025 10:41     | 9/19/2025 10:42    | 0:00:10               | 7.18               | 46.52              | 412.66            | 7.69              | 46.88             | 412.64           | -143.09                   | 0.91                           |
| 113 | 9/19/2025 10:42     | 9/19/2025 10:43    | 0:01:10               | 9.72               | 48.36              | 412.61            | 13.24             | 50.99             | 412.66           | -142.68                   | 1.32                           |
| 114 | 9/19/2025 12:15     | 9/19/2025 12:15    | 0:00:00               | 8.24               | 23.70              | 412.60            | 8.24              | 23.70             | 412.60           | -143.07                   | 0.93                           |

Table 6 Berthed TDRS SSA (6M16G1D) PFD Exceedances

|     | Start Time<br>(GMT) | Stop Time<br>(GMT) | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m^2/4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|---------------------|--------------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------|--------------------------------|
| 115 | 9/19/2025 12:15     | 9/19/2025 12:30    | 0:14:20               | 10.27              | 25.18              | 412.58            | 47.11             | 71.28             | 419.55           | -141.25                   | 2.75                           |
| 116 | 9/19/2025 14:45     | 9/19/2025 14:54    | 0:09:40               | -38.55             | -162.12            | 429.64            | -51.79            | -113.77           | 433.11           | -141.31                   | 2.69                           |
| 117 | 9/19/2025 14:55     | 9/19/2025 14:56    | 0:00:40               | -51.64             | -107.80            | 432.84            | -51.36            | -103.86           | 432.59           | -143.72                   | 0.28                           |
| 118 | 9/19/2025 17:22     | 9/19/2025 17:26    | 0:03:50               | 41.83              | 74.30              | 421.13            | 32.54             | 87.96             | 419.87           | -142.49                   | 1.51                           |
| 119 | 9/19/2025 17:26     | 9/19/2025 17:26    | 0:00:10               | 31.21              | 89.50              | 419.71            | 30.76             | 90.00             | 419.66           | -143.70                   | 0.30                           |
| 120 | 9/19/2025 17:27     | 9/19/2025 17:27    | 0:00:00               | 28.95              | 91.96              | 419.45            | 28.95             | 91.96             | 419.45           | -143.94                   | 0.06                           |
| 121 | 9/19/2025 17:28     | 9/19/2025 17:29    | 0:00:40               | 25.70              | 95.22              | 419.12            | 23.80             | 96.99             | 418.96           | -142.99                   | 1.01                           |
| 122 | 9/19/2025 17:29     | 9/19/2025 17:31    | 0:01:20               | 22.36              | 98.28              | 418.85            | 18.47             | 101.60            | 418.63           | -143.64                   | 0.36                           |
| 123 | 9/19/2025 17:35     | 9/19/2025 17:36    | 0:01:10               | 4.42               | 112.17             | 418.90            | 0.85              | 114.69            | 419.26           | -143.59                   | 0.41                           |
| 124 | 9/19/2025 17:37     | 9/19/2025 17:37    | 0:00:20               | -1.19              | 116.13             | 419.52            | -2.20             | 116.84            | 419.66           | -143.51                   | 0.49                           |
| 125 | 9/19/2025 17:40     | 9/19/2025 17:42    | 0:01:30               | -10.32             | 122.67             | 421.14            | -14.83            | 126.08            | 422.20           | -142.61                   | 1.39                           |
| 126 | 9/19/2025 19:10     | 9/19/2025 19:10    | 0:00:20               | -1.75              | 92.93              | 419.53            | -2.76             | 93.65             | 419.68           | -143.44                   | 0.56                           |
| 127 | 9/19/2025 19:13     | 9/19/2025 19:22    | 0:09:20               | -10.37             | 99.12              | 421.09            | -36.65            | 124.33            | 429.01           | -141.23                   | 2.77                           |
| 128 | 9/19/2025 19:23     | 9/19/2025 19:30    | 0:06:50               | -38.66             | 127.30             | 429.70            | -50.48            | 159.16            | 433.26           | -141.27                   | 2.73                           |
| 129 | 9/19/2025 21:55     | 9/19/2025 22:04    | 0:08:30               | 49.85              | -19.41             | 421.82            | 32.86             | 16.82             | 419.55           | -141.45                   | 2.55                           |
| 130 | 9/19/2025 22:04     | 9/19/2025 22:05    | 0:00:10               | 31.53              | 18.37              | 419.38            | 31.08             | 18.87             | 419.33           | -143.86                   | 0.14                           |
| 131 | 9/19/2025 22:05     | 9/19/2025 22:05    | 0:00:20               | 29.73              | 20.36              | 419.16            | 28.82             | 21.33             | 419.06           | -143.73                   | 0.27                           |
| 132 | 9/19/2025 22:06     | 9/19/2025 22:07    | 0:00:40               | 26.50              | 23.67              | 418.81            | 24.62             | 25.47             | 418.63           | -143.17                   | 0.83                           |
| 133 | 9/19/2025 22:08     | 9/19/2025 22:08    | 0:00:50               | 22.71              | 27.21              | 418.48            | 20.29             | 29.32             | 418.32           | -143.64                   | 0.36                           |
| 134 | 9/19/2025 22:14     | 9/19/2025 22:15    | 0:00:50               | 2.23               | 42.95              | 418.72            | -0.32             | 44.75             | 419.02           | -143.75                   | 0.25                           |
| 135 | 9/20/2025 3:18      | 9/20/2025 3:29     | 0:10:20               | -51.38             | 67.25              | 432.73            | -33.06            | 114.01            | 423.52           | -141.83                   | 2.17                           |
| 136 | 9/20/2025 3:29      | 9/20/2025 3:30     | 0:00:20               | -31.29             | 116.07             | 422.74            | -30.40            | 117.07            | 422.35           | -143.47                   | 0.53                           |
| 137 | 9/20/2025 3:30      | 9/20/2025 3:31     | 0:00:10               | -28.58             | 119.02             | 421.57            | -28.12            | 119.49            | 421.38           | -143.18                   | 0.82                           |
| 138 | 9/20/2025 3:32      | 9/20/2025 3:32     | 0:00:10               | -25.32             | 122.25             | 420.24            | -24.84            | 122.69            | 420.05           | -143.13                   | 0.87                           |
| 139 | 9/20/2025 3:33      | 9/20/2025 3:33     | 0:00:40               | -21.97             | 125.30             | 418.96            | -20.03            | 126.97            | 418.26           | -143.43                   | 0.57                           |
| 140 | 9/20/2025 3:37      | 9/20/2025 3:37     | 0:00:20               | -10.08             | 134.75             | 415.25            | -9.07             | 135.49            | 415.01           | -143.82                   | 0.18                           |
| 141 | 9/20/2025 4:57      | 9/20/2025 5:02     | 0:04:50               | -44.24             | 72.42              | 428.92            | -33.02            | 90.47             | 423.54           | -142.03                   | 1.97                           |
| 142 | 9/20/2025 5:02      | 9/20/2025 5:02     | 0:00:20               | -31.70             | 92.03              | 422.95            | -30.80            | 93.04             | 422.55           | -143.38                   | 0.62                           |
| 143 | 9/20/2025 5:03      | 9/20/2025 5:03     | 0:00:20               | -28.99             | 95.00              | 421.77            | -28.07            | 95.95             | 421.38           | -143.11                   | 0.89                           |
| 144 | 9/20/2025 5:04      | 9/20/2025 5:05     | 0:00:20               | -25.74             | 98.26              | 420.41            | -24.80            | 99.15             | 420.03           | -143.21                   | 0.79                           |
| 145 | 9/20/2025 5:06      | 9/20/2025 5:06     | 0:00:30               | -21.93             | 101.75             | 418.93            | -20.47            | 103.01            | 418.39           | -143.68                   | 0.32                           |
| 146 | 9/20/2025 5:08      | 9/20/2025 5:08     | 0:00:10               | -15.55             | 107.02             | 416.74            | -15.05            | 107.41            | 416.58           | -143.65                   | 0.35                           |
| 147 | 9/20/2025 5:09      | 9/20/2025 5:11     | 0:02:10               | -12.55             | 109.33             | 415.85            | -5.98             | 114.14            | 414.25           | -142.89                   | 1.11                           |
| 148 | 9/20/2025 5:14      | 9/20/2025 5:14     | 0:00:20               | 3.20               | 120.63             | 412.89            | 4.22              | 121.35            | 412.80           | -143.08                   | 0.92                           |
| 149 | 9/20/2025 5:15      | 9/20/2025 5:15     | 0:00:10               | 6.77               | 123.17             | 412.64            | 7.27              | 123.53            | 412.62           | -142.74                   | 1.26                           |
| 150 | 9/20/2025 6:46      | 9/20/2025 6:46     | 0:00:00               | 0.19               | 94.92              | 413.19            | 0.19              | 94.92             | 413.19           | -143.93                   | 0.07                           |
| 151 | 9/20/2025 6:47      | 9/20/2025 6:47     | 0:00:10               | 4.28               | 97.80              | 412.77            | 4.79              | 98.17             | 412.73           | -142.63                   | 1.37                           |
| 152 | 9/20/2025 6:48      | 9/20/2025 6:48     | 0:00:20               | 7.33               | 99.99              | 412.59            | 8.34              | 100.72            | 412.55           | -142.61                   | 1.39                           |
| 153 | 9/20/2025 6:49      | 9/20/2025 6:49     | 0:00:20               | 10.37              | 102.20             | 412.52            | 11.38             | 102.95            | 412.52           | -143.42                   | 0.58                           |
| 154 | 9/20/2025 6:50      | 9/20/2025 6:50     | 0:00:10               | 13.39              | 104.47             | 412.57            | 13.89             | 104.85            | 412.59           | -143.55                   | 0.45                           |
| 155 | 9/20/2025 6:51      | 9/20/2025 7:04     | 0:13:00               | 15.88              | 106.40             | 412.69            | 47.94             | 150.91            | 419.58           | -141.48                   | 2.52                           |
| 156 | 9/20/2025 9:36      | 9/20/2025 9:39     | 0:03:10               | -42.44             | 5.43               | 428.01            | -35.03            | 17.18             | 424.44           | -142.75                   | 1.25                           |
| 157 | 9/20/2025 9:40      | 9/20/2025 9:40     | 0:00:10               | -33.75             | 18.81              | 423.84            | -33.32            | 19.35             | 423.65           | -143.23                   | 0.77                           |
| 158 | 9/20/2025 9:40      | 9/20/2025 9:41     | 0:00:30               | -32.00             | 20.91              | 423.05            | -30.66            | 22.43             | 422.46           | -143.49                   | 0.51                           |
| 159 | 9/20/2025 9:41      | 9/20/2025 9:42     | 0:00:10               | -29.31             | 23.90              | 421.86            | -28.85            | 24.38             | 421.67           | -142.96                   | 1.04                           |
| 160 | 9/20/2025 9:42      | 9/20/2025 9:43     | 0:00:20               | -26.54             | 26.72              | 420.69            | -25.60            | 27.63             | 420.31           | -142.99                   | 1.01                           |
| 161 | 9/20/2025 9:44      | 9/20/2025 9:44     | 0:00:10               | -23.22             | 29.84              | 419.37            | -22.74            | 30.27             | 419.18           | -143.49                   | 0.51                           |
| 162 | 9/20/2025 9:45      | 9/20/2025 9:46     | 0:00:20               | -17.87             | 34.40              | 417.43            | -16.88            | 35.20             | 417.10           | -143.37                   | 0.63                           |
| 163 | 9/20/2025 9:52      | 9/20/2025 9:52     | 0:00:00               | 1.83               | 48.90              | 412.95            | 1.83              | 48.90             | 412.95           | -143.60                   | 0.40                           |
| 164 | 9/20/2025 9:53      | 9/20/2025 9:53     | 0:00:20               | 5.40               | 51.43              | 412.65            | 6.41              | 52.15             | 412.59           | -142.82                   | 1.18                           |
| 165 | 9/20/2025 9:54      | 9/20/2025 9:54     | 0:00:20               | 8.44               | 53.62              | 412.51            | 9.46              | 54.36             | 412.49           | -142.36                   | 1.64                           |
| 166 | 9/20/2025 9:55      | 9/20/2025 9:55     | 0:00:10               | 11.48              | 55.85              | 412.49            | 11.98             | 56.23             | 412.50           | -143.21                   | 0.79                           |
| 167 | 9/20/2025 12:59     | 9/20/2025 12:59    | 0:00:20               | 6.52               | 5.06               | 412.51            | 7.53              | 5.79              | 412.47           | -142.45                   | 1.55                           |
| 168 | 9/20/2025 13:00     | 9/20/2025 13:00    | 0:00:20               | 9.56               | 7.26               | 412.42            | 10.57             | 8.01              | 412.41           | -142.43                   | 1.57                           |
| 169 | 9/20/2025 13:01     | 9/20/2025 13:01    | 0:00:10               | 12.59              | 9.51               | 412.44            | 13.09             | 9.89              | 412.46           | -142.97                   | 1.03                           |
| 170 | 9/20/2025 13:02     | 9/20/2025 13:02    | 0:00:10               | 15.09              | 11.43              | 412.54            | 15.59             | 11.82             | 412.57           | -143.78                   | 0.22                           |
| 171 | 9/20/2025 13:03     | 9/20/2025 13:18    | 0:15:00               | 17.08              | 13.00              | 412.67            | 50.74             | 69.58             | 420.66           | -141.51                   | 2.49                           |

Table 6 Berthed TDRS SSA (6M16G1D) PFD Exceedances

|     | Start Time<br>(GMT) | Stop Time<br>(GMT) | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m^2/4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|---------------------|--------------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------|--------------------------------|
| 172 | 9/20/2025 15:28     | 9/20/2025 15:30    | 0:01:30               | -34.71             | 175.07             | 428.40            | -38.40            | -179.74           | 429.66           | -141.71                   | 2.29                           |
| 173 | 9/20/2025 15:31     | 9/20/2025 15:40    | 0:09:10               | -41.08             | -175.31            | 430.56            | -51.74            | -127.55           | 433.02           | -141.21                   | 2.79                           |
| 174 | 9/20/2025 15:41     | 9/20/2025 15:43    | 0:02:30               | -51.40             | -121.62            | 432.68            | -49.18            | -107.53           | 431.28           | -141.86                   | 2.14                           |
| 175 | 9/20/2025 18:25     | 9/20/2025 18:25    | 0:00:20               | -8.63              | 104.04             | 420.74            | -9.64             | 104.78            | 420.95           | -143.26                   | 0.74                           |
| 176 | 9/20/2025 18:25     | 9/20/2025 18:26    | 0:00:10               | -11.15             | 105.89             | 421.29            | -11.65            | 106.27            | 421.40           | -143.50                   | 0.50                           |
| 177 | 9/20/2025 18:28     | 9/20/2025 18:29    | 0:01:50               | -17.63             | 110.90             | 422.94            | -22.97            | 115.44            | 424.52           | -142.62                   | 1.38                           |
| 178 | 9/20/2025 18:30     | 9/20/2025 18:35    | 0:05:30               | -24.40             | 116.75             | 424.97            | -38.88            | 133.83            | 429.86           | -141.76                   | 2.24                           |
| 179 | 9/20/2025 18:37     | 9/20/2025 18:38    | 0:01:00               | -41.52             | 138.32             | 430.75            | -43.62            | 142.48            | 431.44           | -142.71                   | 1.29                           |
| 180 | 9/20/2025 20:29     | 9/20/2025 20:29    | 0:00:50               | -35.98             | -149.19            | 425.05            | -33.86            | -146.43           | 424.08           | -142.63                   | 1.37                           |
| 181 | 9/20/2025 20:30     | 9/20/2025 20:30    | 0:00:20               | -32.55             | -144.85            | 423.48            | -31.67            | -143.82           | 423.09           | -143.41                   | 0.59                           |
| 182 | 9/20/2025 20:31     | 9/20/2025 20:31    | 0:00:10               | -29.88             | -141.82            | 422.30            | -29.42            | -141.33           | 422.10           | -143.07                   | 0.93                           |
| 183 | 9/20/2025 20:32     | 9/20/2025 20:32    | 0:00:30               | -28.05             | -139.90            | 421.52            | -26.65            | -138.50           | 420.94           | -143.22                   | 0.78                           |
| 184 | 9/20/2025 20:33     | 9/20/2025 20:33    | 0:00:00               | -24.30             | -136.26            | 419.99            | -24.30            | -136.26           | 419.99           | -143.05                   | 0.95                           |
| 185 | 9/20/2025 20:34     | 9/20/2025 20:34    | 0:00:00               | -20.45             | -132.85            | 418.53            | -20.45            | -132.85           | 418.53           | -143.98                   | 0.02                           |
| 186 | 9/20/2025 20:36     | 9/20/2025 20:36    | 0:00:00               | -16.51             | -129.62            | 417.19            | -16.51            | -129.62           | 417.19           | -143.66                   | 0.34                           |
| 187 | 9/20/2025 20:40     | 9/20/2025 20:40    | 0:00:20               | -3.91              | -120.27            | 413.98            | -2.90             | -119.54           | 413.80           | -143.73                   | 0.27                           |
| 188 | 9/20/2025 20:42     | 9/20/2025 20:42    | 0:00:00               | 3.23               | -115.23            | 412.99            | 3.23              | -115.23           | 412.99           | -143.56                   | 0.44                           |
| 189 | 9/20/2025 22:13     | 9/20/2025 22:13    | 0:00:20               | -2.33              | -142.73            | 413.74            | -1.31             | -142.01           | 413.58           | -143.12                   | 0.88                           |
| 190 | 9/20/2025 22:15     | 9/20/2025 22:15    | 0:00:00               | 3.79               | -138.41            | 412.98            | 3.79              | -138.41           | 412.98           | -143.89                   | 0.11                           |
| 191 | 9/20/2025 22:16     | 9/20/2025 22:16    | 0:00:10               | 7.36               | -135.87            | 412.75            | 7.86              | -135.50           | 412.73           | -143.43                   | 0.57                           |
| 192 | 9/20/2025 22:17     | 9/20/2025 22:17    | 0:00:20               | 9.89               | -134.02            | 412.68            | 10.90             | -133.28           | 412.67           | -142.47                   | 1.53                           |
| 193 | 9/20/2025 22:18     | 9/20/2025 22:18    | 0:00:10               | 12.91              | -131.77            | 412.70            | 13.41             | -131.39           | 412.71           | -142.33                   | 1.67                           |
| 194 | 9/20/2025 22:19     | 9/20/2025 22:19    | 0:00:10               | 14.91              | -130.23            | 412.77            | 15.41             | -129.84           | 412.79           | -143.01                   | 0.99                           |
| 195 | 9/20/2025 22:20     | 9/20/2025 22:20    | 0:00:00               | 17.40              | -128.27            | 412.92            | 17.40             | -128.27           | 412.92           | -143.67                   | 0.33                           |
| 196 | 9/20/2025 22:20     | 9/20/2025 22:26    | 0:06:10               | 19.37              | -126.65            | 413.09            | 36.34             | -108.90           | 416.14           | -141.48                   | 2.52                           |
| 197 | 9/20/2025 23:59     | 9/21/2025 0:11     | 0:12:50               | 34.70              | -134.67            | 415.72            | 51.37             | -71.06            | 421.48           | -141.38                   | 2.62                           |
| 198 | 9/21/2025 0:12      | 9/21/2025 0:16     | 0:03:20               | 50.83              | -66.21             | 421.52            | 46.64             | -48.49            | 421.18           | -141.35                   | 2.65                           |
| 199 | 9/21/2025 0:16      | 9/21/2025 0:16     | 0:00:10               | 45.77              | -46.11             | 421.07            | 45.47             | -45.34            | 421.03           | -141.94                   | 2.06                           |
| 200 | 9/21/2025 2:31      | 9/21/2025 2:41     | 0:09:50               | -51.23             | 75.01              | 432.70            | -33.66            | 119.46            | 423.82           | -141.88                   | 2.12                           |
| 201 | 9/21/2025 2:41      | 9/21/2025 2:41     | 0:00:10               | -32.36             | 121.04             | 423.23            | -31.91            | 121.56            | 423.03           | -143.41                   | 0.59                           |
| 202 | 9/21/2025 2:42      | 9/21/2025 2:42     | 0:00:10               | -30.12             | 123.57             | 422.24            | -29.67            | 124.06            | 422.05           | -143.36                   | 0.64                           |
| 203 | 9/21/2025 2:43      | 9/21/2025 2:43     | 0:00:20               | -28.30             | 125.50             | 421.46            | -27.37            | 126.44            | 421.07           | -143.09                   | 0.91                           |
| 204 | 9/21/2025 2:44      | 9/21/2025 2:44     | 0:00:00               | -25.03             | 128.71             | 420.12            | -25.03            | 128.71            | 420.12           | -142.98                   | 1.02                           |
| 205 | 9/21/2025 2:45      | 9/21/2025 2:45     | 0:00:10               | -22.65             | 130.90             | 419.19            | -22.16            | 131.32            | 419.01           | -143.80                   | 0.20                           |
| 206 | 9/21/2025 2:46      | 9/21/2025 2:46     | 0:00:10               | -18.27             | 134.63             | 417.62            | -17.77            | 135.03            | 417.45           | -143.75                   | 0.25                           |
| 207 | 9/21/2025 4:44      | 9/21/2025 4:50     | 0:06:00               | 48.99              | -175.40            | 419.67            | 51.25             | -140.50           | 421.38           | -141.81                   | 2.19                           |
| 208 | 9/21/2025 4:51      | 9/21/2025 4:54     | 0:03:20               | 50.78              | -136.64            | 421.41            | 46.54             | -118.96           | 421.10           | -141.49                   | 2.51                           |
| 209 | 9/21/2025 4:55      | 9/21/2025 5:01     | 0:06:10               | 45.66              | -116.60            | 421.00            | 31.47             | -93.29            | 419.18           | -141.35                   | 2.65                           |
| 210 | 9/21/2025 5:02      | 9/21/2025 5:02     | 0:00:10               | 29.21              | -90.82             | 418.93            | 28.75             | -90.34            | 418.88           | -143.54                   | 0.46                           |
| 211 | 9/21/2025 5:02      | 9/21/2025 5:02     | 0:00:10               | 27.37              | -88.92             | 418.75            | 26.90             | -88.46            | 418.70           | -143.30                   | 0.70                           |
| 212 | 9/21/2025 5:03      | 9/21/2025 5:03     | 0:00:00               | 24.07              | -85.76             | 418.47            | 24.07             | -85.76            | 418.47           | -143.55                   | 0.45                           |
| 213 | 9/21/2025 7:03      | 9/21/2025 7:09     | 0:05:30               | -48.68             | -32.00             | 433.17            | -51.60            | -0.32             | 433.24           | -141.97                   | 2.03                           |
| 214 | 9/21/2025 7:09      | 9/21/2025 7:19     | 0:09:20               | -51.20             | 4.58               | 432.91            | -34.80            | 47.26             | 424.46           | -141.76                   | 2.24                           |
| 215 | 9/21/2025 8:42      | 9/21/2025 8:52     | 0:09:40               | -51.18             | -18.91             | 432.86            | -33.90            | 24.82             | 423.97           | -141.79                   | 2.21                           |
| 216 | 9/21/2025 8:52      | 9/21/2025 8:53     | 0:00:10               | -32.60             | 26.41              | 423.37            | -32.16            | 26.93             | 423.17           | -143.54                   | 0.46                           |
| 217 | 9/21/2025 8:53      | 9/21/2025 8:53     | 0:00:20               | -30.82             | 28.45              | 422.57            | -29.92            | 29.44             | 422.17           | -143.27                   | 0.73                           |
| 218 | 9/21/2025 8:54      | 9/21/2025 8:54     | 0:00:10               | -28.55             | 30.89              | 421.58            | -28.09            | 31.36             | 421.38           | -143.02                   | 0.98                           |
| 219 | 9/21/2025 8:55      | 9/21/2025 8:55     | 0:00:10               | -25.76             | 33.67              | 420.40            | -25.29            | 34.12             | 420.21           | -143.49                   | 0.51                           |
| 220 | 9/21/2025 8:56      | 9/21/2025 8:56     | 0:00:10               | -23.39             | 35.88              | 419.45            | -22.91            | 36.31             | 419.26           | -143.76                   | 0.24                           |
| 221 | 9/21/2025 8:57      | 9/21/2025 8:57     | 0:00:10               | -19.52             | 39.24              | 417.99            | -19.03            | 39.65             | 417.82           | -143.80                   | 0.20                           |
| 222 | 9/21/2025 11:32     | 9/21/2025 11:32    | 0:00:00               | -26.40             | -140.81            | 425.73            | -26.40            | -140.81           | 425.73           | -143.71                   | 0.29                           |
| 223 | 9/21/2025 11:32     | 9/21/2025 11:37    | 0:05:10               | -27.79             | -139.43            | 426.20            | -40.88            | -122.30           | 430.70           | -141.45                   | 2.55                           |
| 224 | 9/21/2025 11:38     | 9/21/2025 11:42    | 0:03:30               | -43.36             | -117.53            | 431.52            | -49.19            | -100.71           | 433.23           | -141.26                   | 2.74                           |
| 225 | 9/21/2025 14:41     | 9/21/2025 14:43    | 0:01:50               | -36.67             | -176.09            | 429.16            | -40.97            | -169.32           | 430.63           | -141.34                   | 2.66                           |
| 226 | 9/21/2025 14:44     | 9/21/2025 14:53    | 0:08:40               | -43.44             | -164.53            | 431.45            | -51.57            | -117.69           | 432.97           | -141.27                   | 2.73                           |
| 227 | 9/21/2025 14:54     | 9/21/2025 14:55    | 0:01:00               | -51.14             | -112.80            | 432.63            | -50.34            | -107.09           | 432.10           | -143.73                   | 0.27                           |
| 228 | 9/21/2025 16:23     | 9/21/2025 16:26    | 0:02:30               | -51.51             | -156.05            | 433.46            | -51.56            | -141.16           | 432.95           | -142.46                   | 1.54                           |

Table 6 Berthed TDRS SSA (6M16G1D) PFD Exceedances

|     | Start Time<br>(GMT) | Stop Time<br>(GMT) | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m^2/4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|---------------------|--------------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------|--------------------------------|
| 229 | 9/21/2025 16:26     | 9/21/2025 16:37    | 0:10:10               | -51.12             | -136.27            | 432.60            | -32.34            | -91.22            | 423.05           | -141.94                   | 2.06                           |
| 230 | 9/21/2025 16:37     | 9/21/2025 16:37    | 0:00:20               | -31.01             | -89.69             | 422.45            | -30.11            | -88.69            | 422.05           | -143.37                   | 0.63                           |
| 231 | 9/21/2025 16:38     | 9/21/2025 16:38    | 0:00:10               | -28.74             | -87.24             | 421.46            | -28.28            | -86.76            | 421.26           | -142.71                   | 1.29                           |
| 232 | 9/21/2025 16:39     | 9/21/2025 16:39    | 0:00:20               | -26.89             | -85.36             | 420.67            | -25.96            | -84.45            | 420.29           | -143.29                   | 0.71                           |
| 233 | 9/21/2025 16:40     | 9/21/2025 16:40    | 0:00:10               | -24.06             | -82.67             | 419.52            | -23.59            | -82.23            | 419.34           | -143.49                   | 0.51                           |
| 234 | 9/21/2025 16:42     | 9/21/2025 16:42    | 0:00:10               | -17.76             | -77.24             | 417.21            | -17.26            | -76.84            | 417.04           | -143.85                   | 0.15                           |
| 235 | 9/21/2025 18:15     | 9/21/2025 18:15    | 0:00:00               | -17.70             | -100.78            | 417.34            | -17.70            | -100.78           | 417.34           | -143.57                   | 0.43                           |
| 236 | 9/21/2025 18:16     | 9/21/2025 18:16    | 0:00:00               | -12.22             | -96.51             | 415.65            | -12.22            | -96.51            | 415.65           | -143.55                   | 0.45                           |
| 237 | 9/21/2025 18:20     | 9/21/2025 18:21    | 0:00:20               | -0.54              | -88.10             | 413.17            | 0.48              | -87.38            | 413.04           | -143.19                   | 0.81                           |
| 238 | 9/21/2025 19:14     | 9/21/2025 19:16    | 0:01:10               | -22.89             | 97.98              | 424.45            | -26.21            | 101.07            | 425.53           | -142.72                   | 1.28                           |
| 239 | 9/21/2025 19:17     | 9/21/2025 19:22    | 0:05:00               | -28.99             | 103.87             | 426.47            | -41.46            | 120.82            | 430.84           | -141.40                   | 2.60                           |
| 240 | 9/21/2025 19:23     | 9/21/2025 19:26    | 0:03:40               | -43.89             | 125.69             | 431.66            | -49.70            | 143.69            | 433.39           | -141.24                   | 2.76                           |
| 241 | 9/21/2025 21:18     | 9/21/2025 21:18    | 0:00:00               | -24.37             | -153.72            | 420.08            | -24.37            | -153.72           | 420.08           | -143.34                   | 0.66                           |
| 242 | 9/21/2025 21:19     | 9/21/2025 21:19    | 0:00:00               | -21.98             | -151.56            | 419.16            | -21.98            | -151.56           | 419.16           | -143.80                   | 0.20                           |
| 243 | 9/21/2025 21:20     | 9/21/2025 21:20    | 0:00:10               | -18.57             | -148.66            | 417.92            | -18.08            | -148.26           | 417.75           | -143.95                   | 0.05                           |
| 244 | 9/21/2025 21:22     | 9/21/2025 21:22    | 0:00:00               | -13.11             | -144.36            | 416.17            | -13.11            | -144.36           | 416.17           | -143.86                   | 0.14                           |
| 245 | 9/22/2025 1:46      | 9/22/2025 1:53     | 0:07:20               | -48.85             | 94.92              | 431.37            | -33.77            | 125.54            | 423.94           | -141.96                   | 2.04                           |
| 246 | 9/22/2025 1:53      | 9/22/2025 1:53     | 0:00:00               | -32.46             | 127.12             | 423.34            | -32.46            | 127.12            | 423.34           | -143.38                   | 0.62                           |
| 247 | 9/22/2025 1:54      | 9/22/2025 1:55     | 0:00:50               | -31.13             | 128.65             | 422.75            | -28.87            | 131.11            | 421.76           | -142.76                   | 1.24                           |
| 248 | 9/22/2025 1:55      | 9/22/2025 1:55     | 0:00:10               | -27.49             | 132.53             | 421.18            | -27.02            | 132.99            | 420.98           | -143.15                   | 0.85                           |
| 249 | 9/22/2025 1:56      | 9/22/2025 1:56     | 0:00:00               | -24.67             | 135.25             | 420.02            | -24.67            | 135.25            | 420.02           | -143.52                   | 0.48                           |
| 250 | 9/22/2025 1:57      | 9/22/2025 1:57     | 0:00:00               | -22.28             | 137.42             | 419.10            | -22.28            | 137.42            | 419.10           | -143.76                   | 0.24                           |
| 251 | 9/22/2025 1:58      | 9/22/2025 1:58     | 0:00:00               | -18.88             | 140.33             | 417.86            | -18.88            | 140.33            | 417.86           | -143.38                   | 0.62                           |
| 252 | 9/22/2025 1:59      | 9/22/2025 1:59     | 0:00:00               | -15.91             | 142.72             | 416.87            | -15.91            | 142.72            | 416.87           | -143.88                   | 0.12                           |
| 253 | 9/22/2025 3:52      | 9/22/2025 4:03     | 0:10:50               | 41.51              | 171.18             | 417.10            | 50.81             | -130.65           | 421.19           | -141.66                   | 2.34                           |
| 254 | 9/22/2025 4:04      | 9/22/2025 4:12     | 0:08:30               | 50.21              | -126.87            | 421.18            | 33.76             | -89.82            | 419.24           | -140.86                   | 3.14                           |
| 255 | 9/22/2025 6:10      | 9/22/2025 6:12     | 0:01:30               | -39.15             | -48.23             | 430.12            | -42.49            | -42.34            | 431.27           | -141.42                   | 2.58                           |
| 256 | 9/22/2025 6:13      | 9/22/2025 6:21     | 0:08:30               | -44.82             | -37.30             | 432.04            | -51.31            | 9.61              | 433.05           | -141.19                   | 2.81                           |
| 257 | 9/22/2025 6:22      | 9/22/2025 6:30     | 0:07:30               | -50.87             | 13.47              | 432.74            | -38.19            | 48.73             | 426.11           | -142.05                   | 1.95                           |
| 258 | 9/22/2025 7:35      | 9/22/2025 7:35     | 0:00:00               | -17.54             | -95.25             | 422.93            | -17.54            | -95.25            | 422.93           | -143.93                   | 0.07                           |
| 259 | 9/22/2025 7:38      | 9/22/2025 7:39     | 0:01:00               | -25.73             | -88.07             | 425.50            | -28.52            | -85.30            | 426.44           | -143.19                   | 0.81                           |
| 260 | 9/22/2025 7:40      | 9/22/2025 7:45     | 0:05:00               | -30.34             | -83.36             | 427.07            | -42.53            | -65.84            | 431.34           | -141.40                   | 2.60                           |
| 261 | 9/22/2025 7:46      | 9/22/2025 7:46     | 0:00:10               | -44.86             | -60.80             | 432.10            | -45.17            | -60.05            | 432.20           | -143.14                   | 0.86                           |
| 262 | 9/22/2025 9:43      | 9/22/2025 9:43     | 0:00:00               | -17.10             | 23.84              | 417.10            | -17.10            | 23.84             | 417.10           | -143.98                   | 0.02                           |
| 263 | 9/22/2025 9:44      | 9/22/2025 9:44     | 0:00:00               | -12.61             | 27.33              | 415.70            | -12.61            | 27.33             | 415.70           | -143.80                   | 0.20                           |
| 264 | 9/22/2025 9:49      | 9/22/2025 9:49     | 0:00:00               | 2.63               | 38.28              | 412.65            | 2.63              | 38.28             | 412.65           | -143.90                   | 0.10                           |
| 265 | 9/22/2025 9:51      | 9/22/2025 9:51     | 0:00:00               | 7.72               | 41.91              | 412.27            | 7.72              | 41.91             | 412.27           | -143.80                   | 0.20                           |
| 266 | 9/22/2025 9:52      | 9/22/2025 9:52     | 0:00:00               | 10.76              | 44.13              | 412.20            | 10.76             | 44.13             | 412.20           | -143.28                   | 0.72                           |
| 267 | 9/22/2025 9:54      | 9/22/2025 9:54     | 0:00:00               | 15.77              | 47.95              | 412.32            | 15.77             | 47.95             | 412.32           | -143.24                   | 0.76                           |
| 268 | 9/22/2025 9:54      | 9/22/2025 9:55     | 0:00:10               | 17.75              | 49.53              | 412.45            | 18.25             | 49.94             | 412.49           | -143.52                   | 0.48                           |
| 269 | 9/22/2025 9:55      | 9/22/2025 9:55     | 0:00:10               | 19.72              | 51.16              | 412.63            | 20.21             | 51.57             | 412.68           | -143.34                   | 0.66                           |
| 270 | 9/22/2025 9:56      | 9/22/2025 9:56     | 0:00:00               | 21.67              | 52.82              | 412.84            | 21.67             | 52.82             | 412.84           | -143.58                   | 0.42                           |
| 271 | 9/22/2025 12:22     | 9/22/2025 12:23    | 0:01:20               | -40.11             | -141.01            | 430.46            | -43.00            | -135.65           | 431.44           | -141.36                   | 2.64                           |
| 272 | 9/22/2025 12:24     | 9/22/2025 12:32    | 0:07:30               | -45.28             | -130.53            | 432.17            | -51.64            | -89.18            | 433.24           | -141.16                   | 2.84                           |
| 273 | 9/22/2025 15:30     | 9/22/2025 15:38    | 0:08:00               | -45.96             | -175.95            | 432.28            | -51.24            | -131.18           | 432.78           | -141.17                   | 2.83                           |
| 274 | 9/22/2025 15:39     | 9/22/2025 15:41    | 0:01:40               | -50.64             | -126.38            | 432.37            | -48.82            | -117.25           | 431.30           | -143.11                   | 0.89                           |
| 275 | 9/22/2025 15:44     | 9/22/2025 15:48    | 0:04:30               | -44.11             | -103.59            | 428.81            | -33.71            | -86.67            | 423.74           | -142.28                   | 1.72                           |
| 276 | 9/22/2025 15:49     | 9/22/2025 15:49    | 0:00:00               | -32.41             | -85.09             | 423.14            | -32.41            | -85.09            | 423.14           | -143.61                   | 0.39                           |
| 277 | 9/22/2025 15:49     | 9/22/2025 15:49    | 0:00:00               | -31.07             | -83.56             | 422.54            | -31.07            | -83.56            | 422.54           | -143.36                   | 0.64                           |
| 278 | 9/22/2025 15:50     | 9/22/2025 15:51    | 0:00:50               | -29.72             | -82.07             | 421.94            | -27.43            | -79.69            | 420.95           | -142.84                   | 1.16                           |
| 279 | 9/22/2025 15:51     | 9/22/2025 15:51    | 0:00:10               | -26.03             | -78.31             | 420.36            | -25.56            | -77.86            | 420.17           | -143.96                   | 0.04                           |
| 280 | 9/22/2025 15:52     | 9/22/2025 15:52    | 0:00:00               | -23.18             | -75.66             | 419.21            | -23.18            | -75.66            | 419.21           | -143.70                   | 0.30                           |
| 281 | 9/22/2025 15:54     | 9/22/2025 15:54    | 0:00:00               | -18.32             | -71.49             | 417.42            | -18.32            | -71.49            | 417.42           | -143.85                   | 0.15                           |
| 282 | 9/22/2025 17:23     | 9/22/2025 17:23    | 0:00:10               | -27.83             | -103.68            | 421.21            | -27.37            | -103.21           | 421.01           | -143.31                   | 0.69                           |
| 283 | 9/22/2025 17:24     | 9/22/2025 17:24    | 0:00:00               | -25.96             | -101.84            | 420.43            | -25.96            | -101.84           | 420.43           | -143.79                   | 0.21                           |
| 284 | 9/22/2025 17:27     | 9/22/2025 17:27    | 0:00:00               | -18.26             | -95.03             | 417.50            | -18.26            | -95.03            | 417.50           | -142.82                   | 1.18                           |
| 285 | 9/22/2025 17:27     | 9/22/2025 17:27    | 0:00:00               | -15.78             | -93.04             | 416.67            | -15.78            | -93.04            | 416.67           | -143.95                   | 0.05                           |

Table 6 Berthed TDRS SSA (6M16G1D) PFD Exceedances

|     | Start Time<br>(GMT) | Stop Time<br>(GMT) | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m^2/4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|---------------------|--------------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------|--------------------------------|
| 286 | 9/22/2025 17:29     | 9/22/2025 17:29    | 0:00:00               | -10.78             | -89.23             | 415.20            | -10.78            | -89.23            | 415.20           | -143.74                   | 0.26                           |
| 287 | 9/22/2025 17:39     | 9/22/2025 17:39    | 0:00:00               | 18.07              | -68.14             | 412.55            | 18.07             | -68.14            | 412.55           | -143.43                   | 0.57                           |
| 288 | 9/22/2025 17:39     | 9/22/2025 17:39    | 0:00:00               | 20.04              | -66.51             | 412.73            | 20.04             | -66.51            | 412.73           | -142.42                   | 1.58                           |
| 289 | 9/22/2025 17:40     | 9/22/2025 17:40    | 0:00:00               | 21.98              | -64.83             | 412.96            | 21.98             | -64.83            | 412.96           | -143.25                   | 0.75                           |
| 290 | 9/22/2025 17:40     | 9/22/2025 17:40    | 0:00:00               | 23.42              | -63.55             | 413.15            | 23.42             | -63.55            | 413.15           | -143.37                   | 0.63                           |
| 291 | 9/22/2025 17:42     | 9/22/2025 17:43    | 0:00:50               | 27.21              | -59.95             | 413.75            | 29.51             | -57.57            | 414.18           | -142.69                   | 1.31                           |
| 292 | 9/22/2025 22:17     | 9/22/2025 22:17    | 0:00:00               | 19.24              | -137.94            | 412.83            | 19.24             | -137.94           | 412.83           | -143.77                   | 0.23                           |
| 293 | 9/22/2025 22:18     | 9/22/2025 22:18    | 0:00:00               | 21.19              | -136.28            | 413.03            | 21.19             | -136.28           | 413.03           | -142.72                   | 1.28                           |
| 294 | 9/22/2025 22:19     | 9/22/2025 22:19    | 0:00:10               | 22.65              | -135.01            | 413.20            | 23.13             | -134.58           | 413.26           | -143.50                   | 0.50                           |
| 295 | 9/22/2025 22:19     | 9/22/2025 22:19    | 0:00:00               | 24.56              | -133.27            | 413.45            | 24.56             | -133.27           | 413.45           | -142.84                   | 1.16                           |
| 296 | 9/22/2025 22:20     | 9/22/2025 22:33    | 0:12:50               | 27.85              | -130.07            | 413.98            | 51.63             | -73.95            | 420.58           | -141.09                   | 2.91                           |
| 297 | 9/23/2025 2:29      | 9/23/2025 2:38     | 0:08:40               | -50.35             | 70.33              | 432.37            | -33.75            | 108.18            | 424.01           | -141.86                   | 2.14                           |
| 298 | 9/23/2025 2:38      | 9/23/2025 2:38     | 0:00:00               | -32.44             | 109.77             | 423.41            | -32.44            | 109.77            | 423.41           | -143.47                   | 0.53                           |
| 299 | 9/23/2025 2:39      | 9/23/2025 2:39     | 0:00:00               | -31.11             | 111.30             | 422.81            | -31.11            | 111.30            | 422.81           | -143.34                   | 0.66                           |
| 300 | 9/23/2025 2:39      | 9/23/2025 2:40     | 0:00:50               | -29.76             | 112.79             | 422.21            | -27.47            | 115.17            | 421.22           | -143.40                   | 0.60                           |
| 301 | 9/23/2025 2:41      | 9/23/2025 2:41     | 0:00:00               | -26.07             | 116.55             | 420.63            | -26.07            | 116.55            | 420.63           | -143.12                   | 0.88                           |
| 302 | 9/23/2025 2:42      | 9/23/2025 2:42     | 0:00:00               | -23.70             | 118.77             | 419.68            | -23.70            | 118.77            | 419.68           | -143.20                   | 0.80                           |
| 303 | 9/23/2025 2:44      | 9/23/2025 2:44     | 0:00:00               | -16.88             | 124.57             | 417.18            | -16.88            | 124.57            | 417.18           | -143.31                   | 0.69                           |
| 304 | 9/23/2025 4:08      | 9/23/2025 4:11     | 0:03:30               | -40.95             | 74.00              | 427.51            | -32.38            | 86.25             | 423.40           | -142.51                   | 1.49                           |
| 305 | 9/23/2025 4:12      | 9/23/2025 4:12     | 0:00:00               | -31.05             | 87.78              | 422.80            | -31.05            | 87.78             | 422.80           | -143.37                   | 0.63                           |
| 306 | 9/23/2025 4:12      | 9/23/2025 4:13     | 0:00:40               | -29.70             | 89.26              | 422.19            | -27.87            | 91.18             | 421.39           | -143.37                   | 0.63                           |
| 307 | 9/23/2025 4:14      | 9/23/2025 4:14     | 0:00:00               | -26.00             | 93.02              | 420.60            | -26.00            | 93.02             | 420.60           | -143.51                   | 0.49                           |
| 308 | 9/23/2025 5:27      | 9/23/2025 5:34     | 0:07:10               | -48.16             | -21.53             | 433.07            | -50.88            | 19.63             | 432.79           | -141.06                   | 2.94                           |
| 309 | 9/23/2025 5:35      | 9/23/2025 5:40     | 0:05:30               | -50.31             | 23.41              | 432.43            | -41.27            | 49.85             | 427.67           | -141.81                   | 2.19                           |
| 310 | 9/23/2025 7:03      | 9/23/2025 7:07     | 0:03:40               | -51.52             | -25.52             | 433.83            | -50.86            | -3.83             | 432.84           | -142.02                   | 1.98                           |
| 311 | 9/23/2025 7:08      | 9/23/2025 7:16     | 0:08:40               | -50.28             | -0.05              | 432.47            | -33.57            | 37.64             | 423.98           | -141.82                   | 2.18                           |
| 312 | 9/23/2025 7:17      | 9/23/2025 7:17     | 0:00:00               | -32.26             | 39.22              | 423.37            | -32.26            | 39.22             | 423.37           | -143.27                   | 0.73                           |
| 313 | 9/23/2025 7:17      | 9/23/2025 7:17     | 0:00:00               | -30.93             | 40.74              | 422.76            | -30.93            | 40.74             | 422.76           | -143.43                   | 0.57                           |
| 314 | 9/23/2025 7:18      | 9/23/2025 7:18     | 0:00:10               | -29.58             | 42.22              | 422.16            | -29.12            | 42.71             | 421.95           | -143.37                   | 0.63                           |
| 315 | 9/23/2025 7:19      | 9/23/2025 7:19     | 0:00:00               | -27.74             | 44.13              | 421.35            | -27.74            | 44.13             | 421.35           | -143.18                   | 0.82                           |
| 316 | 9/23/2025 7:19      | 9/23/2025 7:19     | 0:00:00               | -26.35             | 45.52              | 420.76            | -26.35            | 45.52             | 420.76           | -143.79                   | 0.21                           |
| 317 | 9/23/2025 7:21      | 9/23/2025 7:21     | 0:00:00               | -22.06             | 49.48              | 419.03            | -22.06            | 49.48             | 419.03           | -143.54                   | 0.46                           |
| 318 | 9/23/2025 9:50      | 9/23/2025 9:50     | 0:00:00               | -9.66              | -142.25            | 420.78            | -9.66             | -142.25           | 420.78           | -143.27                   | 0.73                           |
| 319 | 9/23/2025 9:51      | 9/23/2025 9:51     | 0:00:00               | -13.18             | -139.62            | 421.64            | -13.18            | -139.62           | 421.64           | -143.25                   | 0.75                           |
| 320 | 9/23/2025 9:55      | 9/23/2025 9:55     | 0:00:00               | -24.90             | -129.83            | 425.14            | -24.90            | -129.83           | 425.14           | -143.58                   | 0.42                           |
| 321 | 9/23/2025 9:56      | 9/23/2025 9:56     | 0:00:00               | -26.77             | -128.03            | 425.77            | -26.77            | -128.03           | 425.77           | -143.76                   | 0.24                           |
| 322 | 9/23/2025 9:57      | 9/23/2025 9:57     | 0:00:00               | -28.62             | -126.16            | 426.40            | -28.62            | -126.16           | 426.40           | -143.66                   | 0.34                           |
| 323 | 9/23/2025 9:57      | 9/23/2025 9:57     | 0:00:00               | -29.99             | -124.71            | 426.87            | -29.99            | -124.71           | 426.87           | -143.53                   | 0.47                           |
| 324 | 9/23/2025 9:58      | 9/23/2025 10:06    | 0:08:30               | -31.34             | -123.21            | 427.35            | -49.15            | -88.47            | 433.31           | -141.24                   | 2.76                           |
| 325 | 9/23/2025 10:07     | 9/23/2025 10:08    | 0:00:50               | -50.10             | -83.94             | 433.53            | -50.85            | -79.24            | 433.66           | -142.85                   | 1.15                           |
| 326 | 9/23/2025 10:08     | 9/23/2025 10:09    | 0:00:20               | -51.19             | -76.35             | 433.70            | -51.38            | -74.40            | 433.71           | -142.61                   | 1.39                           |
| 327 | 9/23/2025 12:12     | 9/23/2025 12:12    | 0:00:00               | 16.39              | 7.48               | 412.24            | 16.39             | 7.48              | 412.24           | -143.43                   | 0.57                           |
| 328 | 9/23/2025 12:14     | 9/23/2025 12:14    | 0:00:00               | 23.23              | 13.25              | 412.90            | 23.23             | 13.25             | 412.90           | -143.62                   | 0.38                           |
| 329 | 9/23/2025 12:15     | 9/23/2025 12:15    | 0:00:00               | 25.61              | 15.46              | 413.24            | 25.61             | 15.46             | 413.24           | -143.20                   | 0.80                           |
| 330 | 9/23/2025 12:15     | 9/23/2025 12:16    | 0:00:50               | 27.02              | 16.83              | 413.47            | 29.33             | 19.20             | 413.89           | -143.20                   | 0.80                           |
| 331 | 9/23/2025 12:17     | 9/23/2025 12:17    | 0:00:00               | 30.69              | 20.67              | 414.15            | 30.69             | 20.67             | 414.15           | -143.15                   | 0.85                           |
| 332 | 9/23/2025 12:17     | 9/23/2025 12:29    | 0:11:20               | 32.03              | 22.20              | 414.43            | 51.65             | 74.01             | 420.41           | -141.58                   | 2.42                           |
| 333 | 9/23/2025 14:39     | 9/23/2025 14:45    | 0:05:30               | -39.06             | 176.32             | 430.00            | -49.24            | -158.85           | 433.22           | -141.20                   | 2.80                           |
| 334 | 9/23/2025 14:46     | 9/23/2025 14:47    | 0:01:00               | -50.17             | -154.30            | 433.42            | -51.02            | -148.63           | 433.56           | -142.90                   | 1.10                           |
| 335 | 9/23/2025 14:47     | 9/23/2025 14:54    | 0:07:10               | -51.33             | -145.72            | 433.58            | -47.10            | -105.10           | 430.41           | -141.92                   | 2.08                           |
| 336 | 9/23/2025 14:55     | 9/23/2025 14:59    | 0:04:00               | -45.68             | -101.12            | 429.66            | -37.07            | -84.92            | 425.36           | -141.27                   | 2.73                           |
| 337 | 9/23/2025 16:31     | 9/23/2025 16:35    | 0:04:30               | -40.16             | -113.32            | 426.89            | -28.74            | -98.40            | 421.56           | -142.13                   | 1.87                           |
| 338 | 9/23/2025 16:36     | 9/23/2025 16:36    | 0:00:00               | -25.01             | -94.72             | 419.99            | -25.01            | -94.72            | 419.99           | -142.99                   | 1.01                           |
| 339 | 9/23/2025 16:37     | 9/23/2025 16:37    | 0:00:00               | -23.58             | -93.40             | 419.42            | -23.58            | -93.40            | 419.42           | -143.42                   | 0.58                           |
| 340 | 9/23/2025 16:38     | 9/23/2025 16:38    | 0:00:00               | -21.66             | -91.68             | 418.67            | -21.66            | -91.68            | 418.67           | -142.94                   | 1.06                           |
| 341 | 9/23/2025 16:38     | 9/23/2025 16:38    | 0:00:00               | -19.72             | -90.02             | 417.95            | -19.72            | -90.02            | 417.95           | -143.94                   | 0.06                           |
| 342 | 9/23/2025 16:43     | 9/23/2025 16:43    | 0:00:00               | -5.70              | -79.32             | 413.91            | -5.70             | -79.32            | 413.91           | -143.39                   | 0.61                           |

Table 6 Berthed TDRS SSA (6M16G1D) PFD Exceedances

|     | Start Time<br>(GMT) | Stop Time<br>(GMT) | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m^2/4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|---------------------|--------------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------|--------------------------------|
| 343 | 9/23/2025 16:49     | 9/23/2025 16:49    | 0:00:00               | 11.60              | -66.96             | 412.12            | 11.60             | -66.96            | 412.12           | -142.90                   | 1.10                           |
| 344 | 9/23/2025 17:35     | 9/23/2025 17:35    | 0:00:00               | -11.53             | 101.20             | 421.13            | -11.53            | 101.20            | 421.13           | -143.67                   | 0.33                           |
| 345 | 9/23/2025 17:39     | 9/23/2025 17:39    | 0:00:00               | -24.76             | 112.11             | 425.00            | -24.76            | 112.11            | 425.00           | -143.82                   | 0.18                           |
| 346 | 9/23/2025 17:40     | 9/23/2025 17:40    | 0:00:00               | -26.64             | 113.91             | 425.63            | -26.64            | 113.91            | 425.63           | -143.63                   | 0.37                           |
| 347 | 9/23/2025 17:41     | 9/23/2025 17:41    | 0:00:10               | -28.03             | 115.30             | 426.11            | -28.49            | 115.78            | 426.27           | -143.71                   | 0.29                           |
| 348 | 9/23/2025 17:42     | 9/23/2025 17:44    | 0:01:50               | -31.65             | 119.22             | 427.37            | -36.37            | 125.15            | 429.06           | -142.87                   | 1.13                           |
| 349 | 9/23/2025 19:56     | 9/23/2025 19:56    | 0:00:00               | 15.74              | -110.96            | 412.44            | 15.74             | -110.96           | 412.44           | -143.96                   | 0.04                           |
| 350 | 9/23/2025 19:56     | 9/23/2025 19:56    | 0:00:00               | 18.22              | -108.98            | 412.59            | 18.22             | -108.98           | 412.59           | -143.75                   | 0.25                           |
| 351 | 9/23/2025 19:57     | 9/23/2025 19:57    | 0:00:00               | 21.15              | -106.52            | 412.85            | 21.15             | -106.52           | 412.85           | -143.62                   | 0.38                           |
| 352 | 9/23/2025 19:58     | 9/23/2025 19:58    | 0:00:00               | 23.09              | -104.81            | 413.08            | 23.09             | -104.81           | 413.08           | -143.30                   | 0.70                           |
| 353 | 9/23/2025 19:59     | 9/23/2025 19:59    | 0:00:00               | 25.47              | -102.61            | 413.40            | 25.47             | -102.61           | 413.40           | -143.58                   | 0.42                           |
| 354 | 9/23/2025 19:59     | 9/23/2025 20:00    | 0:00:10               | 26.88              | -101.24            | 413.62            | 27.34             | -100.78           | 413.70           | -142.95                   | 1.05                           |
| 355 | 9/23/2025 20:00     | 9/23/2025 20:12    | 0:11:50               | 28.73              | -99.36             | 413.94            | 51.34             | -48.17            | 420.15           | -141.72                   | 2.28                           |
| 356 | 9/24/2025 0:35      | 9/24/2025 0:35     | 0:00:00               | 17.45              | 179.64             | 412.51            | 17.45             | 179.64            | 412.51           | -143.34                   | 0.66                           |
| 357 | 9/24/2025 0:36      | 9/24/2025 0:36     | 0:00:00               | 22.82              | -175.81            | 413.02            | 22.82             | -175.81           | 413.02           | -143.22                   | 0.78                           |
| 358 | 9/24/2025 0:37      | 9/24/2025 0:37     | 0:00:10               | 24.73              | -174.06            | 413.28            | 25.20             | -173.62           | 413.35           | -143.68                   | 0.32                           |
| 359 | 9/24/2025 0:38      | 9/24/2025 0:38     | 0:00:00               | 27.08              | -171.79            | 413.64            | 27.08             | -171.79           | 413.64           | -142.45                   | 1.55                           |
| 360 | 9/24/2025 0:38      | 9/24/2025 0:39     | 0:00:50               | 28.48              | -170.38            | 413.88            | 30.75             | -167.94           | 414.31           | -143.24                   | 0.76                           |
| 361 | 9/24/2025 0:40      | 9/24/2025 0:40     | 0:00:00               | 32.09              | -166.42            | 414.59            | 32.09             | -166.42           | 414.59           | -143.31                   | 0.69                           |
| 362 | 9/24/2025 0:40      | 9/24/2025 0:44     | 0:03:50               | 33.41              | -164.85            | 414.87            | 42.54             | -150.85           | 417.18           | -142.03                   | 1.97                           |
| 363 | 9/24/2025 1:48      | 9/24/2025 1:53     | 0:04:30               | -38.28             | 108.19             | 426.17            | -26.49            | 122.35            | 420.81           | -142.28                   | 1.72                           |
| 364 | 9/24/2025 1:54      | 9/24/2025 1:54     | 0:00:00               | -23.17             | 125.46             | 419.46            | -23.17            | 125.46            | 419.46           | -143.92                   | 0.08                           |
| 365 | 9/24/2025 1:55      | 9/24/2025 1:55     | 0:00:00               | -21.25             | 127.16             | 418.72            | -21.25            | 127.16            | 418.72           | -142.74                   | 1.26                           |
| 366 | 9/24/2025 1:55      | 9/24/2025 1:55     | 0:00:00               | -19.30             | 128.82             | 418.01            | -19.30            | 128.82            | 418.01           | -142.62                   | 1.38                           |
| 367 | 9/24/2025 1:56      | 9/24/2025 1:56     | 0:00:00               | -17.33             | 130.43             | 417.32            | -17.33            | 130.43            | 417.32           | -143.33                   | 0.67                           |
| 368 | 9/24/2025 1:59      | 9/24/2025 1:59     | 0:00:00               | -9.32              | 136.54             | 414.93            | -9.32             | 136.54            | 414.93           | -143.83                   | 0.17                           |
| 369 | 9/24/2025 2:00      | 9/24/2025 2:00     | 0:00:00               | -5.26              | 139.47             | 413.99            | -5.26             | 139.47            | 413.99           | -143.58                   | 0.42                           |
| 370 | 9/24/2025 3:56      | 9/24/2025 4:04     | 0:07:50               | 51.48              | -164.39            | 419.98            | 45.37             | -120.82           | 420.16           | -140.92                   | 3.08                           |
| 371 | 9/24/2025 4:05      | 9/24/2025 4:10     | 0:05:10               | 43.44              | -116.37            | 419.93            | 31.03             | -97.76            | 418.43           | -141.20                   | 2.80                           |
| 372 | 9/24/2025 4:11      | 9/24/2025 4:12     | 0:01:00               | 29.68              | -96.27             | 418.29            | 26.92             | -93.43            | 418.04           | -143.07                   | 0.93                           |
| 373 | 9/24/2025 4:15      | 9/24/2025 4:15     | 0:00:00               | 18.76              | -86.10             | 417.60            | 18.76             | -86.10            | 417.60           | -143.81                   | 0.19                           |
| 374 | 9/24/2025 4:15      | 9/24/2025 4:15     | 0:00:00               | 16.79              | -84.50             | 417.57            | 16.79             | -84.50            | 417.57           | -143.73                   | 0.27                           |
| 375 | 9/24/2025 7:55      | 9/24/2025 7:56     | 0:00:50               | -46.66             | -3.26              | 430.49            | -45.19            | 0.65              | 429.71           | -143.16                   | 0.84                           |
| 376 | 9/24/2025 7:57      | 9/24/2025 8:04     | 0:07:40               | -44.24             | 2.89               | 429.22            | -25.28            | 29.18             | 420.28           | -141.35                   | 2.65                           |
| 377 | 9/24/2025 8:06      | 9/24/2025 8:06     | 0:00:00               | -21.45             | 32.64              | 418.74            | -21.45            | 32.64             | 418.74           | -143.61                   | 0.39                           |
| 378 | 9/24/2025 8:06      | 9/24/2025 8:06     | 0:00:10               | -19.99             | 33.89              | 418.19            | -19.50            | 34.30             | 418.01           | -143.15                   | 0.85                           |
| 379 | 9/24/2025 8:07      | 9/24/2025 8:07     | 0:00:00               | -17.54             | 35.92              | 417.31            | -17.54            | 35.92             | 417.31           | -143.11                   | 0.89                           |
| 380 | 9/24/2025 8:08      | 9/24/2025 8:08     | 0:00:00               | -15.56             | 37.49              | 416.64            | -15.56            | 37.49             | 416.64           | -143.17                   | 0.83                           |
| 381 | 9/24/2025 8:09      | 9/24/2025 8:09     | 0:00:00               | -13.06             | 39.42              | 415.85            | -13.06            | 39.42             | 415.85           | -143.53                   | 0.47                           |
| 382 | 9/24/2025 8:10      | 9/24/2025 8:10     | 0:00:00               | -10.04             | 41.68              | 414.99            | -10.04            | 41.68             | 414.99           | -143.90                   | 0.10                           |
| 383 | 9/24/2025 8:11      | 9/24/2025 8:11     | 0:00:00               | -6.49              | 44.25              | 414.11            | -6.49             | 44.25             | 414.11           | -143.60                   | 0.40                           |
| 384 | 9/24/2025 9:08      | 9/24/2025 9:08     | 0:00:10               | -25.91             | -122.65            | 425.46            | -26.38            | -122.20           | 425.62           | -143.28                   | 0.72                           |
| 385 | 9/24/2025 9:09      | 9/24/2025 9:09     | 0:00:00               | -27.77             | -120.81            | 426.10            | -27.77            | -120.81           | 426.10           | -143.48                   | 0.52                           |
| 386 | 9/24/2025 9:09      | 9/24/2025 9:09     | 0:00:00               | -30.06             | -118.41            | 426.89            | -30.06            | -118.41           | 426.89           | -143.60                   | 0.40                           |
| 387 | 9/24/2025 9:10      | 9/24/2025 9:16     | 0:05:40               | -31.40             | -116.92            | 427.37            | -44.66            | -96.01            | 432.03           | -141.44                   | 2.56                           |
| 388 | 9/24/2025 13:50     | 9/24/2025 13:54    | 0:04:00               | -35.91             | 177.92             | 428.92            | -44.81            | -166.43           | 431.99           | -141.47                   | 2.53                           |
| 389 | 9/24/2025 13:55     | 9/24/2025 13:58    | 0:03:00               | -45.73             | -164.14            | 432.28            | -50.03            | -148.84           | 433.48           | -141.71                   | 2.29                           |
| 390 | 9/24/2025 13:58     | 9/24/2025 13:59    | 0:01:00               | -50.80             | -144.15            | 433.62            | -51.44            | -138.34           | 433.67           | -142.92                   | 1.08                           |
| 391 | 9/24/2025 14:00     | 9/24/2025 14:00    | 0:00:10               | -51.64             | -135.39            | 433.65            | -51.68            | -134.40           | 433.63           | -143.20                   | 0.80                           |
| 392 | 9/24/2025 14:03     | 9/24/2025 14:07    | 0:04:30               | -51.12             | -117.58            | 432.82            | -45.32            | -94.00            | 429.55           | -141.91                   | 2.09                           |
| 393 | 9/24/2025 14:08     | 9/24/2025 14:08    | 0:00:00               | -44.38             | -91.74             | 429.06            | -44.38            | -91.74            | 429.06           | -143.95                   | 0.05                           |
| 394 | 9/24/2025 14:08     | 9/24/2025 14:13    | 0:04:40               | -43.38             | -89.57             | 428.55            | -32.32            | -72.56            | 423.17           | -141.35                   | 2.65                           |
| 395 | 9/24/2025 15:36     | 9/24/2025 15:40    | 0:04:30               | -51.10             | -141.02            | 432.81            | -45.27            | -117.46           | 429.53           | -141.93                   | 2.07                           |
| 396 | 9/24/2025 15:41     | 9/24/2025 15:48    | 0:07:40               | -44.32             | -115.22            | 429.04            | -25.39            | -88.85            | 420.14           | -141.30                   | 2.70                           |
| 397 | 9/24/2025 15:49     | 9/24/2025 15:49    | 0:00:00               | -23.97             | -87.53             | 419.56            | -23.97            | -87.53            | 419.56           | -143.41                   | 0.59                           |
| 398 | 9/24/2025 15:50     | 9/24/2025 15:50    | 0:00:10               | -20.11             | -84.13             | 418.07            | -19.62            | -83.72            | 417.89           | -143.73                   | 0.27                           |
| 399 | 9/24/2025 15:51     | 9/24/2025 15:51    | 0:00:10               | -18.15             | -82.50             | 417.36            | -17.66            | -82.10            | 417.19           | -142.73                   | 1.27                           |

Table 6 Berthed TDRS SSA (6M16G1D) PFD Exceedances

|     | Start Time<br>(GMT) | Stop Time<br>(GMT) | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m^2/4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|---------------------|--------------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------|--------------------------------|
| 400 | 9/24/2025 15:52     | 9/24/2025 15:52    | 0:00:10               | -15.68             | -80.52             | 416.52            | -15.18            | -80.14            | 416.36           | -143.24                   | 0.76                           |
| 401 | 9/24/2025 15:53     | 9/24/2025 15:53    | 0:00:00               | -13.18             | -78.60             | 415.74            | -13.18            | -78.60            | 415.74           | -143.48                   | 0.52                           |
| 402 | 9/24/2025 15:54     | 9/24/2025 15:54    | 0:00:00               | -10.16             | -76.34             | 414.89            | -10.16            | -76.34            | 414.89           | -143.82                   | 0.18                           |
| 403 | 9/24/2025 18:25     | 9/24/2025 18:25    | 0:00:00               | -27.74             | 97.64              | 425.98            | -27.74            | 97.64             | 425.98           | -143.53                   | 0.47                           |
| 404 | 9/24/2025 18:26     | 9/24/2025 18:26    | 0:00:10               | -29.57             | 99.55              | 426.63            | -30.02            | 100.03            | 426.79           | -143.97                   | 0.03                           |
| 405 | 9/24/2025 18:27     | 9/24/2025 18:27    | 0:00:00               | -31.37             | 101.53             | 427.27            | -31.37            | 101.53            | 427.27           | -143.81                   | 0.19                           |
| 406 | 9/24/2025 18:27     | 9/24/2025 18:33    | 0:05:20               | -32.69             | 103.07             | 427.75            | -44.95            | 123.17            | 432.14           | -141.47                   | 2.53                           |
| 407 | 9/24/2025 18:33     | 9/24/2025 18:36    | 0:03:00               | -45.86             | 125.46             | 432.45            | -50.11            | 140.83            | 433.68           | -141.74                   | 2.26                           |
| 408 | 9/24/2025 21:12     | 9/24/2025 21:12    | 0:00:10               | 29.84              | 4.11               | 418.07            | 29.39             | 4.60              | 418.03           | -143.00                   | 1.00                           |
| 409 | 9/24/2025 21:12     | 9/24/2025 21:14    | 0:01:50               | 28.01              | 6.03               | 417.89            | 22.82             | 10.98             | 417.50           | -142.75                   | 1.25                           |
| 410 | 9/24/2025 21:16     | 9/24/2025 21:16    | 0:00:00               | 16.96              | 15.92              | 417.29            | 16.96             | 15.92             | 417.29           | -143.64                   | 0.36                           |
| 411 | 9/25/2025 0:52      | 9/25/2025 0:58     | 0:05:30               | -51.40             | 74.48              | 433.17            | -44.35            | 103.22            | 429.26           | -141.95                   | 2.05                           |
| 412 | 9/25/2025 0:58      | 9/25/2025 1:06     | 0:07:50               | -43.35             | 105.39             | 428.75            | -23.53            | 131.37            | 419.63           | -141.30                   | 2.70                           |
| 413 | 9/25/2025 1:07      | 9/25/2025 1:07     | 0:00:00               | -21.60             | 133.08             | 418.87            | -21.60            | 133.08            | 418.87           | -143.90                   | 0.10                           |
| 414 | 9/25/2025 1:08      | 9/25/2025 1:08     | 0:00:10               | -18.19             | 135.95             | 417.62            | -17.69            | 136.35            | 417.45           | -143.64                   | 0.36                           |
| 415 | 9/25/2025 1:09      | 9/25/2025 1:09     | 0:00:20               | -15.71             | 137.93             | 416.78            | -14.72            | 138.71            | 416.46           | -143.45                   | 0.55                           |
| 416 | 9/25/2025 1:10      | 9/25/2025 1:10     | 0:00:00               | -12.72             | 140.24             | 415.84            | -12.72            | 140.24            | 415.84           | -143.45                   | 0.55                           |
| 417 | 9/25/2025 3:06      | 9/25/2025 3:17     | 0:10:50               | 50.01              | -169.41            | 419.07            | 43.34             | -109.95           | 419.69           | -141.01                   | 2.99                           |
| 418 | 9/25/2025 3:18      | 9/25/2025 3:23     | 0:05:10               | 41.22              | -105.82            | 419.43            | 28.18             | -88.47            | 417.96           | -141.24                   | 2.76                           |
| 419 | 9/25/2025 3:24      | 9/25/2025 3:24     | 0:00:00               | 26.78              | -87.07             | 417.84            | 26.78             | -87.07            | 417.84           | -143.51                   | 0.49                           |
| 420 | 9/25/2025 5:24      | 9/25/2025 5:26     | 0:01:50               | -48.29             | -32.19             | 433.32            | -50.45            | -22.30            | 433.87           | -142.23                   | 1.77                           |
| 421 | 9/25/2025 5:27      | 9/25/2025 5:36     | 0:09:10               | -51.10             | -17.54             | 433.98            | -44.19            | 32.81             | 429.36           | -141.97                   | 2.03                           |
| 422 | 9/25/2025 5:37      | 9/25/2025 5:39     | 0:02:40               | -42.85             | 35.68              | 428.67            | -36.77            | 45.87             | 425.63           | -141.33                   | 2.67                           |
| 423 | 9/25/2025 6:20      | 9/25/2025 6:23     | 0:02:40               | 47.98              | -169.36            | 420.27            | 43.23             | -156.89           | 419.76           | -141.01                   | 2.99                           |
| 424 | 9/25/2025 6:24      | 9/25/2025 6:29     | 0:05:10               | 40.73              | -152.12            | 419.45            | 27.57             | -135.02           | 418.00           | -141.18                   | 2.82                           |
| 425 | 9/25/2025 6:30      | 9/25/2025 6:32     | 0:02:00               | 26.17              | -133.64            | 417.89            | 20.42             | -128.44           | 417.57           | -142.70                   | 1.30                           |
| 426 | 9/25/2025 6:33      | 9/25/2025 6:33     | 0:00:00               | 16.49              | -125.21            | 417.50            | 16.49             | -125.21           | 417.50           | -143.78                   | 0.22                           |
| 427 | 9/25/2025 6:34      | 9/25/2025 6:34     | 0:00:10               | 14.50              | -123.65            | 417.52            | 14.00             | -123.27           | 417.53           | -143.73                   | 0.27                           |
| 428 | 9/25/2025 8:07      | 9/25/2025 8:07     | 0:00:10               | 13.93              | -146.79            | 417.57            | 13.43             | -146.41           | 417.58           | -143.68                   | 0.32                           |
| 429 | 9/25/2025 8:19      | 9/25/2025 8:19     | 0:00:00               | -23.70             | -118.50            | 424.72            | -23.70            | -118.50           | 424.72           | -143.64                   | 0.36                           |
| 430 | 9/25/2025 8:20      | 9/25/2025 8:20     | 0:00:10               | -26.53             | -115.82            | 425.68            | -27.00            | -115.36           | 425.84           | -143.23                   | 0.77                           |
| 431 | 9/25/2025 8:21      | 9/25/2025 8:21     | 0:00:00               | -28.84             | -113.49            | 426.49            | -28.84            | -113.49           | 426.49           | -143.80                   | 0.20                           |
| 432 | 9/25/2025 8:22      | 9/25/2025 8:26     | 0:04:30               | -31.10             | -111.03            | 427.30            | -42.07            | -95.25            | 431.24           | -142.38                   | 1.62                           |
| 433 | 9/25/2025 13:05     | 9/25/2025 13:07    | 0:02:00               | -41.53             | -167.03            | 430.97            | -45.53            | -158.42           | 432.32           | -141.42                   | 2.58                           |
| 434 | 9/25/2025 13:07     | 9/25/2025 13:10    | 0:03:20               | -46.41             | -156.07            | 432.59            | -50.71            | -138.54           | 433.73           | -141.73                   | 2.27                           |
| 435 | 9/25/2025 13:11     | 9/25/2025 13:12    | 0:01:00               | -51.29             | -133.73            | 433.80            | -51.70            | -127.82           | 433.76           | -142.90                   | 1.10                           |
| 436 | 9/25/2025 13:13     | 9/25/2025 13:21    | 0:07:50               | -51.78             | -124.84            | 433.69            | -43.26            | -83.10            | 428.63           | -141.96                   | 2.04                           |
| 437 | 9/25/2025 13:21     | 9/25/2025 13:24    | 0:02:30               | -42.22             | -81.01             | 428.10            | -36.44            | -71.59            | 425.23           | -141.51                   | 2.49                           |
| 438 | 9/25/2025 15:51     | 9/25/2025 15:51    | 0:00:10               | 14.02              | 95.21              | 417.52            | 13.52             | 95.59             | 417.53           | -143.73                   | 0.27                           |
| 439 | 9/25/2025 15:52     | 9/25/2025 15:52    | 0:00:20               | 11.51              | 97.11              | 417.60            | 10.51             | 97.86             | 417.64           | -143.40                   | 0.60                           |
| 440 | 9/25/2025 16:03     | 9/25/2025 16:03    | 0:00:00               | -23.13             | 123.07             | 424.45            | -23.13            | 123.07            | 424.45           | -143.80                   | 0.20                           |
| 441 | 9/25/2025 16:04     | 9/25/2025 16:04    | 0:00:10               | -25.98             | 125.72             | 425.41            | -26.44            | 126.17            | 425.57           | -143.63                   | 0.37                           |
| 442 | 9/25/2025 16:42     | 9/25/2025 16:42    | 0:00:20               | 0.79               | -85.88             | 412.77            | 1.81              | -85.16            | 412.63           | -142.97                   | 1.03                           |
| 443 | 9/25/2025 16:47     | 9/25/2025 16:47    | 0:00:00               | 16.46              | -74.36             | 412.09            | 16.46             | -74.36            | 412.09           | -143.68                   | 0.32                           |
| 444 | 9/25/2025 16:50     | 9/25/2025 16:50    | 0:00:10               | 23.78              | -68.15             | 412.75            | 24.26             | -67.71            | 412.82           | -142.99                   | 1.01                           |
| 445 | 9/25/2025 16:51     | 9/25/2025 16:51    | 0:00:30               | 26.15              | -65.92             | 413.09            | 27.55             | -64.53            | 413.32           | -143.12                   | 0.88                           |
| 446 | 9/25/2025 16:52     | 9/25/2025 16:53    | 0:01:10               | 28.94              | -63.11             | 413.56            | 32.09             | -59.62            | 414.17           | -142.80                   | 1.20                           |
| 447 | 9/25/2025 16:53     | 9/25/2025 16:55    | 0:02:10               | 33.41              | -58.05             | 414.45            | 38.81             | -50.60            | 415.73           | -142.41                   | 1.59                           |
| 448 | 9/25/2025 19:39     | 9/25/2025 19:39    | 0:00:20               | -26.62             | -154.60            | 423.89            | -25.69            | -153.69           | 423.57           | -143.54                   | 0.46                           |
| 449 | 9/25/2025 19:39     | 9/25/2025 19:41    | 0:01:50               | -24.27             | -152.35            | 423.09            | -18.95            | -147.72           | 421.45           | -142.76                   | 1.24                           |
| 450 | 9/25/2025 19:42     | 9/25/2025 19:42    | 0:00:00               | -16.99             | -146.11            | 420.91            | -16.99            | -146.11           | 420.91           | -143.95                   | 0.05                           |
| 451 | 9/25/2025 19:43     | 9/25/2025 19:43    | 0:00:00               | -15.00             | -144.55            | 420.40            | -15.00            | -144.55           | 420.40           | -143.11                   | 0.89                           |
| 452 | 9/25/2025 19:43     | 9/25/2025 19:43    | 0:00:10               | -13.00             | -143.01            | 419.92            | -12.50            | -142.64           | 419.81           | -142.54                   | 1.46                           |
| 453 | 9/25/2025 19:44     | 9/25/2025 19:44    | 0:00:10               | -9.99              | -140.76            | 419.28            | -9.48             | -140.39           | 419.18           | -142.40                   | 1.60                           |
| 454 | 9/25/2025 19:45     | 9/25/2025 19:45    | 0:00:10               | -6.95              | -138.56            | 418.74            | -6.44             | -138.19           | 418.66           | -143.48                   | 0.52                           |
| 455 | 9/25/2025 19:47     | 9/25/2025 19:47    | 0:00:00               | -2.88              | -135.66            | 418.17            | -2.88             | -135.66           | 418.17           | -143.90                   | 0.10                           |
| 456 | 9/25/2025 19:52     | 9/25/2025 19:52    | 0:00:00               | 12.35              | -124.73            | 417.76            | 12.35             | -124.73           | 417.76           | -143.96                   | 0.04                           |

Table 6 Berthed TDRS SSA (6M16G1D) PFD Exceedances

|     | Start Time<br>(GMT) | Stop Time<br>(GMT) | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m^2/4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|---------------------|--------------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------|--------------------------------|
| 457 | 9/25/2025 20:22     | 9/25/2025 20:26    | 0:03:10               | 33.59              | 5.98               | 423.48            | 24.95             | 15.22             | 421.98           | -142.26                   | 1.74                           |
| 458 | 9/25/2025 20:26     | 9/25/2025 20:28    | 0:02:00               | 23.52              | 16.53              | 421.77            | 17.69             | 21.52             | 421.10           | -142.53                   | 1.47                           |
| 459 | 9/25/2025 20:30     | 9/25/2025 20:30    | 0:00:10               | 12.22              | 25.78              | 420.73            | 11.72             | 26.16             | 420.71           | -143.48                   | 0.52                           |
| 460 | 9/25/2025 20:31     | 9/25/2025 20:31    | 0:00:20               | 10.21              | 27.28              | 420.66            | 9.20              | 28.02             | 420.65           | -143.22                   | 0.78                           |
| 461 | 9/25/2025 20:42     | 9/25/2025 20:42    | 0:00:00               | -24.83             | 53.83              | 425.85            | -24.83            | 53.83             | 425.85           | -143.79                   | 0.21                           |
| 462 | 9/26/2025 2:16      | 9/26/2025 2:21     | 0:05:30               | 45.04              | 179.79             | 424.32            | 51.56             | -150.89           | 426.65           | -141.79                   | 2.21                           |
| 463 | 9/26/2025 2:22      | 9/26/2025 2:27     | 0:05:20               | 51.72              | -147.91            | 426.75            | 48.34             | -117.34           | 426.50           | -141.82                   | 2.18                           |
| 464 | 9/26/2025 2:30      | 9/26/2025 2:31     | 0:01:10               | 43.41              | -103.97            | 425.54            | 40.92             | -99.17            | 425.03           | -142.62                   | 1.38                           |
| 465 | 9/26/2025 2:32      | 9/26/2025 2:40     | 0:08:10               | 38.63              | -95.37             | 424.56            | 16.29             | -71.76            | 421.14           | -141.58                   | 2.42                           |
| 466 | 9/26/2025 4:34      | 9/26/2025 4:35     | 0:01:40               | -42.75             | -40.64             | 431.91            | -45.97            | -33.25            | 432.94           | -141.67                   | 2.33                           |
| 467 | 9/26/2025 4:36      | 9/26/2025 4:39     | 0:03:30               | -46.82             | -30.87             | 433.20            | -51.02            | -12.15            | 434.34           | -141.54                   | 2.46                           |
| 468 | 9/26/2025 4:40      | 9/26/2025 4:50     | 0:09:40               | -51.49             | -7.29              | 434.41            | -41.70            | 44.01             | 429.62           | -142.02                   | 1.98                           |
| 469 | 9/26/2025 4:51      | 9/26/2025 4:52     | 0:01:10               | -40.22             | 46.64              | 428.99            | -37.48            | 50.95             | 427.85           | -142.39                   | 1.61                           |
| 470 | 9/26/2025 7:17      | 9/26/2025 7:19     | 0:02:30               | 22.57              | -147.83            | 421.95            | 15.23             | -141.74           | 421.25           | -142.65                   | 1.35                           |
| 471 | 9/26/2025 7:21      | 9/26/2025 7:23     | 0:01:20               | 8.70               | -136.83            | 421.02            | 4.65              | -133.92           | 421.08           | -143.64                   | 0.36                           |
| 472 | 9/26/2025 7:32      | 9/26/2025 7:32     | 0:00:20               | -23.39             | -112.71            | 425.81            | -24.35            | -111.84           | 426.08           | -143.76                   | 0.24                           |
| 473 | 9/26/2025 12:18     | 9/26/2025 12:20    | 0:02:00               | -42.25             | -159.65            | 431.67            | -46.13            | -150.84           | 432.88           | -141.83                   | 2.17                           |
| 474 | 9/26/2025 12:20     | 9/26/2025 12:24    | 0:03:40               | -46.97             | -148.44            | 433.14            | -51.19            | -128.67           | 434.20           | -141.68                   | 2.32                           |
| 475 | 9/26/2025 12:25     | 9/26/2025 12:35    | 0:09:50               | -51.60             | -123.77            | 434.24            | -40.76            | -72.31            | 428.95           | -142.05                   | 1.95                           |
| 476 | 9/26/2025 13:54     | 9/26/2025 13:57    | 0:03:20               | -47.43             | -170.63            | 433.26            | -51.16            | -152.54           | 434.18           | -141.57                   | 2.43                           |
| 477 | 9/26/2025 13:58     | 9/26/2025 14:08    | 0:10:00               | -51.58             | -147.65            | 434.21            | -40.49            | -95.44            | 428.80           | -142.05                   | 1.95                           |
| 478 | 9/26/2025 14:08     | 9/26/2025 14:13    | 0:05:10               | -39.35             | -93.54             | 428.32            | -25.90            | -77.12            | 423.10           | -141.60                   | 2.40                           |
| 479 | 9/26/2025 15:07     | 9/26/2025 15:07    | 0:00:20               | 5.37               | 107.55             | 421.09            | 4.35              | 108.28            | 421.12           | -143.46                   | 0.54                           |
| 480 | 9/26/2025 15:08     | 9/26/2025 15:09    | 0:00:40               | 1.81               | 110.07             | 421.25            | -0.23             | 111.51            | 421.40           | -143.64                   | 0.36                           |
| 481 | 9/26/2025 15:16     | 9/26/2025 15:16    | 0:00:10               | -22.23             | 128.24             | 425.44            | -22.71            | 128.66            | 425.57           | -143.82                   | 0.18                           |
| 482 | 9/26/2025 15:17     | 9/26/2025 15:17    | 0:00:30               | -24.62             | 130.40             | 426.10            | -26.03            | 131.74            | 426.51           | -143.50                   | 0.50                           |
| 483 | 9/26/2025 15:18     | 9/26/2025 15:18    | 0:00:10               | -28.81             | 134.53             | 427.35            | -29.27            | 135.01            | 427.49           | -143.88                   | 0.12                           |
| 484 | 9/26/2025 16:48     | 9/26/2025 16:48    | 0:00:00               | -20.16             | 102.84             | 424.85            | -20.16            | 102.84            | 424.85           | -143.99                   | 0.01                           |
| 485 | 9/26/2025 16:49     | 9/26/2025 16:49    | 0:00:10               | -21.61             | 104.09             | 425.23            | -22.10            | 104.51            | 425.36           | -143.84                   | 0.16                           |
| 486 | 9/26/2025 16:50     | 9/26/2025 16:50    | 0:00:30               | -24.49             | 106.67             | 426.04            | -25.90            | 108.01            | 426.45           | -143.27                   | 0.73                           |
| 487 | 9/26/2025 16:51     | 9/26/2025 16:51    | 0:00:00               | -28.68             | 110.79             | 427.29            | -28.68            | 110.79            | 427.29           | -143.93                   | 0.07                           |
| 488 | 9/26/2025 16:52     | 9/26/2025 16:52    | 0:00:00               | -30.95             | 113.24             | 428.01            | -30.95            | 113.24            | 428.01           | -143.95                   | 0.05                           |
| 489 | 9/26/2025 16:53     | 9/26/2025 17:03    | 0:10:10               | -32.72             | 115.28             | 428.57            | -51.20            | 160.67            | 434.32           | -141.62                   | 2.38                           |
| 490 | 9/26/2025 18:53     | 9/26/2025 18:54    | 0:00:50               | -22.98             | -145.23            | 422.52            | -20.57            | -143.12           | 421.76           | -143.31                   | 0.69                           |
| 491 | 9/26/2025 18:54     | 9/26/2025 18:56    | 0:02:00               | -19.10             | -141.89            | 421.33            | -13.16            | -137.18           | 419.77           | -142.71                   | 1.29                           |
| 492 | 9/26/2025 18:57     | 9/26/2025 18:57    | 0:00:20               | -11.65             | -136.04            | 419.44            | -10.64            | -135.29           | 419.22           | -142.99                   | 1.01                           |
| 493 | 9/26/2025 18:58     | 9/26/2025 18:58    | 0:00:20               | -8.62              | -133.81            | 418.83            | -7.61             | -133.08           | 418.65           | -143.33                   | 0.67                           |
| 494 | 9/26/2025 18:59     | 9/26/2025 18:59    | 0:00:30               | -5.58              | -131.62            | 418.33            | -4.06             | -130.54           | 418.11           | -143.44                   | 0.56                           |
| 495 | 9/26/2025 19:00     | 9/26/2025 19:01    | 0:00:20               | -1.51              | -128.74            | 417.81            | -0.49             | -128.02           | 417.72           | -143.71                   | 0.29                           |
| 496 | 9/26/2025 19:02     | 9/26/2025 19:03    | 0:00:50               | 4.61               | -124.42            | 417.41            | 7.15              | -122.60           | 417.38           | -143.14                   | 0.86                           |
| 497 | 9/26/2025 21:30     | 9/26/2025 21:30    | 0:00:00               | -30.57             | 42.00              | 427.66            | -30.57            | 42.00             | 427.66           | -143.76                   | 0.24                           |
| 498 | 9/26/2025 21:31     | 9/26/2025 21:38    | 0:07:00               | -32.35             | 44.03              | 428.24            | -47.58            | 71.84             | 433.24           | -141.77                   | 2.23                           |
| 499 | 9/26/2025 21:39     | 9/26/2025 21:40    | 0:01:10               | -48.32             | 74.38              | 433.46            | -49.79            | 80.57             | 433.88           | -141.71                   | 2.29                           |
| 500 | 9/27/2025 1:24      | 9/27/2025 1:34     | 0:10:30               | 33.97              | 166.99             | 420.97            | 51.61             | -144.20           | 426.56           | -141.77                   | 2.23                           |
| 501 | 9/27/2025 1:37      | 9/27/2025 1:45     | 0:08:00               | 51.26              | -127.32            | 426.83            | 38.33             | -88.96            | 424.46           | -141.21                   | 2.79                           |
| 502 | 9/27/2025 1:46      | 9/27/2025 1:51     | 0:05:00               | 36.30              | -86.01             | 424.06            | 22.76             | -71.23            | 421.81           | -141.19                   | 2.81                           |
| 503 | 9/27/2025 4:18      | 9/27/2025 4:18     | 0:00:00               | -0.32              | 90.49              | 417.36            | -0.32             | 90.49             | 417.36           | -143.33                   | 0.67                           |
| 504 | 9/27/2025 4:19      | 9/27/2025 4:20     | 0:01:00               | 3.76               | 93.37              | 417.10            | 6.81              | 95.54             | 417.03           | -142.79                   | 1.21                           |
| 505 | 9/27/2025 4:24      | 9/27/2025 4:25     | 0:01:20               | 17.84              | 103.89             | 417.69            | 21.75             | 107.18            | 418.24           | -143.10                   | 0.90                           |
| 506 | 9/27/2025 4:26      | 9/27/2025 4:27     | 0:00:40               | 24.62              | 109.77             | 418.74            | 26.51             | 111.58            | 419.11           | -143.21                   | 0.79                           |
| 507 | 9/27/2025 4:28      | 9/27/2025 4:28     | 0:00:20               | 28.37              | 113.44             | 419.50            | 29.28             | 114.40            | 419.70           | -143.18                   | 0.82                           |
| 508 | 9/27/2025 4:29      | 9/27/2025 4:29     | 0:00:30               | 31.09              | 116.37             | 420.12            | 32.42             | 117.91            | 420.45           | -143.58                   | 0.42                           |
| 509 | 9/27/2025 4:30      | 9/27/2025 4:34     | 0:04:40               | 33.73              | 119.49             | 420.78            | 44.46             | 137.18            | 423.88           | -141.99                   | 2.01                           |
| 510 | 9/27/2025 6:03      | 9/27/2025 6:13     | 0:10:10               | 35.74              | 98.48              | 421.30            | 51.71             | 147.14            | 426.59           | -141.77                   | 2.23                           |
| 511 | 9/27/2025 6:14      | 9/27/2025 6:19     | 0:05:20               | 51.79              | 151.14             | 426.70            | 47.36             | -178.90           | 426.28           | -141.84                   | 2.16                           |
| 512 | 9/27/2025 8:12      | 9/27/2025 8:15     | 0:03:40               | -4.26              | -145.28            | 421.87            | -15.34            | -137.10           | 423.82           | -143.53                   | 0.47                           |
| 513 | 9/27/2025 8:16      | 9/27/2025 8:18     | 0:01:30               | -18.30             | -134.73            | 424.53            | -22.67            | -131.01           | 425.68           | -142.96                   | 1.04                           |

**Table 6 Berthed TDRS SSA (6M16G1D) PFD Exceedances**

|     | Start Time<br>(GMT) | Stop Time<br>(GMT) | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m <sup>2</sup> /4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|---------------------|--------------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------------------|--------------------------------|
| 514 | 9/27/2025 8:19      | 9/27/2025 8:19     | 0:00:20               | -25.05             | -128.83            | 426.35            | -25.99            | -127.93           | 426.63           | -143.47                               | 0.53                           |
| 515 | 9/27/2025 8:21      | 9/27/2025 8:22     | 0:01:10               | -31.92             | -121.68            | 428.46            | -34.95            | -117.96           | 429.43           | -142.77                               | 1.23                           |
| 516 | 9/27/2025 13:12     | 9/27/2025 13:22    | 0:10:10               | -51.77             | -136.92            | 434.17            | -38.25            | -85.85            | 427.75           | -142.16                               | 1.84                           |
| 517 | 9/27/2025 14:51     | 9/27/2025 14:55    | 0:04:20               | -46.60             | -126.43            | 431.40            | -37.55            | -108.42           | 427.48           | -142.19                               | 1.81                           |
| 518 | 9/27/2025 14:56     | 9/27/2025 15:06    | 0:10:30               | -36.33             | -106.68            | 426.97            | -6.40             | -79.04            | 417.91           | -141.59                               | 2.41                           |
| 519 | 9/27/2025 15:07     | 9/27/2025 15:07    | 0:00:20               | -4.36              | -77.59             | 417.62            | -3.34             | -76.86            | 417.49           | -143.21                               | 0.79                           |
| 520 | 9/27/2025 15:08     | 9/27/2025 15:08    | 0:00:20               | -0.29              | -74.71             | 417.17            | 0.73              | -73.99            | 417.09           | -143.16                               | 0.84                           |
| 521 | 9/27/2025 18:47     | 9/27/2025 18:48    | 0:01:10               | 39.13              | 10.15              | 424.49            | 36.32             | 14.33             | 423.93           | -142.82                               | 1.18                           |
| 522 | 9/27/2025 18:49     | 9/27/2025 18:59    | 0:10:00               | 33.78              | 17.66              | 423.44            | 4.86              | 43.06             | 420.81           | -141.23                               | 2.77                           |
| 523 | 9/27/2025 19:02     | 9/27/2025 19:05    | 0:03:00               | -5.82              | 50.61              | 421.77            | -14.88            | 57.32             | 423.45           | -143.48                               | 0.52                           |
| 524 | 9/27/2025 19:45     | 9/27/2025 19:45    | 0:00:30               | -6.31              | -149.79            | 418.20            | -4.79             | -148.70           | 417.97           | -143.12                               | 0.88                           |
| 525 | 9/27/2025 19:46     | 9/27/2025 19:46    | 0:00:20               | -2.24              | -146.90            | 417.65            | -1.22             | -146.18           | 417.54           | -143.46                               | 0.54                           |
| 526 | 9/27/2025 19:47     | 9/27/2025 19:48    | 0:00:40               | 1.84               | -144.02            | 417.29            | 3.88              | -142.58           | 417.19           | -143.58                               | 0.42                           |
| 527 | 9/27/2025 19:49     | 9/27/2025 19:54    | 0:05:00               | 6.93               | -140.40            | 417.12            | 21.86             | -128.75           | 418.32           | -142.91                               | 1.09                           |
| 528 | 9/27/2025 19:55     | 9/27/2025 19:56    | 0:01:10               | 24.26              | -126.60            | 418.73            | 27.55             | -123.42           | 419.37           | -143.34                               | 0.66                           |
| 529 | 9/27/2025 22:09     | 9/27/2025 22:13    | 0:04:30               | -7.58              | 4.67               | 422.02            | -21.01            | 15.11             | 424.94           | -143.23                               | 0.77                           |
| 530 | 9/27/2025 22:15     | 9/27/2025 22:15    | 0:00:00               | -26.25             | 19.89              | 426.44            | -26.25            | 19.89             | 426.44           | -143.97                               | 0.03                           |
| 531 | 9/27/2025 22:16     | 9/27/2025 22:20    | 0:03:30               | -30.38             | 24.16              | 427.73            | -39.24            | 35.79             | 430.63           | -142.95                               | 1.05                           |
| 532 | 9/28/2025 0:04      | 9/28/2025 0:13     | 0:08:30               | -51.00             | 72.75              | 433.65            | -36.18            | 111.92            | 427.06           | -142.22                               | 1.78                           |
| 533 | 9/28/2025 0:13      | 9/28/2025 0:23     | 0:10:00               | -34.92             | 113.60             | 426.55            | -6.21             | 139.48            | 418.00           | -141.78                               | 2.22                           |
| 534 | 9/28/2025 2:32      | 9/28/2025 2:33     | 0:01:00               | 37.68              | -105.63            | 424.18            | 35.21             | -102.17           | 423.71           | -142.82                               | 1.18                           |
| 535 | 9/28/2025 2:34      | 9/28/2025 2:44     | 0:10:30               | 32.62              | -98.94             | 423.25            | 1.98              | -72.91            | 421.17           | -141.16                               | 2.84                           |
| 536 | 9/28/2025 2:46      | 9/28/2025 2:47     | 0:00:30               | -4.63              | -68.24             | 421.84            | -6.16             | -67.16            | 422.06           | -143.77                               | 0.23                           |
| 537 | 9/28/2025 7:18      | 9/28/2025 7:23     | 0:05:10               | 15.52              | -153.65            | 421.33            | -0.15             | -142.22           | 421.51           | -142.42                               | 1.58                           |
| 538 | 9/28/2025 7:29      | 9/28/2025 7:29     | 0:00:10               | -15.79             | -130.78            | 424.04            | -16.29            | -130.39           | 424.16           | -143.97                               | 0.03                           |
| 539 | 9/28/2025 9:54      | 9/28/2025 10:05    | 0:11:20               | 31.90              | 28.85              | 419.93            | 51.63             | 80.42             | 426.24           | -141.45                               | 2.55                           |
| 540 | 9/28/2025 13:59     | 9/28/2025 14:09    | 0:10:00               | -51.75             | -149.90            | 434.10            | -36.76            | -101.31           | 427.05           | -142.23                               | 1.77                           |
| 541 | 9/28/2025 14:11     | 9/28/2025 14:21    | 0:09:30               | -29.37             | -92.32             | 424.10            | -1.33             | -69.48            | 417.00           | -141.90                               | 2.10                           |
| 542 | 9/28/2025 14:22     | 9/28/2025 14:22    | 0:00:20               | 0.71               | -68.04             | 416.82            | 1.73              | -67.32            | 416.75           | -142.77                               | 1.23                           |
| 543 | 9/28/2025 15:48     | 9/28/2025 15:54    | 0:05:50               | -18.08             | -105.52            | 420.47            | -0.44             | -92.46            | 417.06           | -142.13                               | 1.87                           |
| 544 | 9/28/2025 15:55     | 9/28/2025 15:55    | 0:00:50               | 1.08               | -91.38             | 416.93            | 3.63              | -89.58            | 416.79           | -142.96                               | 1.04                           |
| 545 | 9/28/2025 15:57     | 9/28/2025 15:58    | 0:01:10               | 7.70               | -86.68             | 416.71            | 11.24             | -84.08            | 416.81           | -143.26                               | 0.74                           |
| 546 | 9/28/2025 16:00     | 9/28/2025 16:00    | 0:00:10               | 16.24              | -80.25             | 417.19            | 16.73             | -79.86            | 417.24           | -143.98                               | 0.02                           |
| 547 | 9/28/2025 16:02     | 9/28/2025 16:03    | 0:01:40               | 22.12              | -75.36             | 417.98            | 26.86             | -70.93            | 418.86           | -143.28                               | 0.72                           |
| 548 | 9/28/2025 17:50     | 9/28/2025 17:50    | 0:00:20               | 51.78              | -32.95             | 426.33            | 51.78             | -30.95            | 426.38           | -143.68                               | 0.32                           |
| 549 | 9/28/2025 17:51     | 9/28/2025 18:02    | 0:11:00               | 51.64              | -25.97             | 426.45            | 32.92             | 24.68             | 423.23           | -141.44                               | 2.56                           |
| 550 | 9/28/2025 18:03     | 9/28/2025 18:10    | 0:06:30               | 30.70              | 27.24              | 422.84            | 11.95             | 43.87             | 420.87           | -140.96                               | 3.04                           |
| 551 | 9/28/2025 19:42     | 9/28/2025 19:48    | 0:06:20               | 13.08              | 19.41              | 420.86            | -6.19             | 33.24             | 421.90           | -142.29                               | 1.71                           |
| 552 | 9/28/2025 19:49     | 9/28/2025 19:50    | 0:00:20               | -8.72              | 35.06              | 422.31            | -9.73             | 35.80             | 422.49           | -143.92                               | 0.08                           |
| 553 | 9/28/2025 19:51     | 9/28/2025 19:52    | 0:00:40               | -15.24             | 39.96              | 423.63            | -17.22            | 41.53             | 424.10           | -143.88                               | 0.12                           |
| 554 | 9/28/2025 19:54     | 9/28/2025 19:54    | 0:00:00               | -24.01             | 47.35              | 425.93            | -24.01            | 47.35             | 425.93           | -143.99                               | 0.01                           |
| 555 | 9/28/2025 22:22     | 9/28/2025 22:29    | 0:07:30               | 44.05              | -141.04            | 423.44            | 51.77             | -100.54           | 426.43           | -141.72                               | 2.28                           |
| 556 | 9/28/2025 22:30     | 9/28/2025 22:31    | 0:01:00               | 51.57              | -95.56             | 426.49            | 51.03             | -89.69            | 426.50           | -142.88                               | 1.12                           |

|                                                                                 |        |    |
|---------------------------------------------------------------------------------|--------|----|
| Maximum exceedance to -144 dBW/m <sup>2</sup> /4 kHz ITU/FCC Limit :            | 3.44   | dB |
| Maximum exceedance to -128 dBW/m <sup>2</sup> /4 kHz PIRN 50885-NA-0068B Limit: | -12.56 | dB |

Table 7 Berthed TDRS MA (6M16G1D) PFD Exceedances

|    | Start Time<br>(GMT) | Stop Time<br>(GMT) | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m^2/4kHz) | PFD Non-<br>Compliance<br>(dB) |
|----|---------------------|--------------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------|--------------------------------|
| 1  | 9/18/2025 0:05      | 9/18/2025 0:16     | 0:10:40               | -37.71             | 65.98              | 432.01            | -51.74            | 119.22            | 457.04           | -139.40                   | 4.60                           |
| 2  | 9/18/2025 0:19      | 9/18/2025 0:47     | 0:28:50               | -49.96             | 135.49             | 460.05            | 26.11             | -139.58           | 425.71           | -140.13                   | 3.87                           |
| 3  | 9/18/2025 0:59      | 9/18/2025 1:42     | 0:43:30               | 50.40              | -93.09             | 407.14            | -47.03            | 61.44             | 417.59           | -139.71                   | 4.29                           |
| 4  | 9/18/2025 1:46      | 9/18/2025 1:54     | 0:07:10               | -51.40             | 83.24              | 422.41            | -46.86            | 123.76            | 423.75           | -139.61                   | 4.39                           |
| 5  | 9/18/2025 1:56      | 9/18/2025 2:27     | 0:30:50               | -41.38             | 136.28             | 421.78            | 44.39             | -137.24           | 388.97           | -139.00                   | 5.00                           |
| 6  | 9/18/2025 2:59      | 9/18/2025 3:25     | 0:26:00               | -6.44              | -10.68             | 387.77            | -47.93            | 96.92             | 423.98           | -138.42                   | 5.58                           |
| 7  | 9/18/2025 3:28      | 9/18/2025 4:16     | 0:47:40               | -42.83             | 110.03             | 422.30            | 39.46             | -75.61            | 380.22           | -138.34                   | 5.66                           |
| 8  | 9/18/2025 4:22      | 9/18/2025 4:45     | 0:23:00               | 23.95              | -57.17             | 379.19            | -42.26            | 3.11              | 413.37           | -138.38                   | 5.62                           |
| 9  | 9/18/2025 5:01      | 9/18/2025 5:43     | 0:42:30               | -42.51             | 87.20              | 422.24            | 49.01             | -122.36           | 406.29           | -139.13                   | 4.87                           |
| 10 | 9/18/2025 5:46      | 9/18/2025 6:25     | 0:38:40               | 44.36              | -108.48            | 406.05            | -51.71            | 17.83             | 429.22           | -138.80                   | 5.20                           |
| 11 | 9/18/2025 6:27      | 9/18/2025 6:36     | 0:08:10               | -51.03             | 34.63              | 428.45            | -37.06            | 72.76             | 421.35           | -139.28                   | 4.72                           |
| 12 | 9/18/2025 6:38      | 9/18/2025 7:21     | 0:42:10               | -29.70             | 81.84              | 418.05            | 40.18             | -123.86           | 416.95           | -139.15                   | 4.85                           |
| 13 | 9/18/2025 7:23      | 9/18/2025 8:08     | 0:44:10               | 33.21              | -113.94            | 415.98            | -38.83            | 46.54             | 422.22           | -138.90                   | 5.10                           |
| 14 | 9/18/2025 8:27      | 9/18/2025 9:04     | 0:37:00               | 16.48              | 94.50              | 413.02            | 11.96             | -117.97           | 418.60           | -139.29                   | 4.71                           |
| 15 | 9/18/2025 9:06      | 9/18/2025 9:29     | 0:22:10               | 3.36               | -111.74            | 419.05            | -51.01            | -38.13            | 433.34           | -139.02                   | 4.98                           |
| 16 | 9/18/2025 9:31      | 9/18/2025 9:37     | 0:05:10               | -51.71             | -21.34             | 433.04            | -46.55            | 7.03              | 429.97           | -139.77                   | 4.23                           |
| 17 | 9/18/2025 10:07     | 9/18/2025 10:57    | 0:49:10               | 38.46              | 94.11              | 417.10            | -44.44            | -86.55            | 431.60           | -139.01                   | 4.99                           |
| 18 | 9/18/2025 10:59     | 9/18/2025 11:13    | 0:13:40               | -49.03             | -72.75             | 432.90            | -39.04            | -0.96             | 426.16           | -139.39                   | 4.61                           |
| 19 | 9/18/2025 11:37     | 9/18/2025 11:39    | 0:02:50               | 29.03              | 58.65              | 414.76            | 36.46             | 67.60             | 416.52           | -139.78                   | 4.22                           |
| 20 | 9/18/2025 11:43     | 9/18/2025 12:33    | 0:49:40               | 44.94              | 82.82              | 419.02            | -49.84            | -92.67            | 433.08           | -139.07                   | 4.93                           |
| 21 | 9/18/2025 12:36     | 9/18/2025 12:41    | 0:05:40               | -51.72             | -76.32             | 433.23            | -47.84            | -44.12            | 430.53           | -139.73                   | 4.27                           |
| 22 | 9/18/2025 13:08     | 9/18/2025 13:18    | 0:10:10               | 24.87              | 30.94              | 413.97            | 48.29             | 68.99             | 420.16           | -139.38                   | 4.62                           |
| 23 | 9/18/2025 15:32     | 9/18/2025 15:44    | 0:12:40               | -37.20             | -170.33            | 429.15            | -50.86            | -105.57           | 432.17           | -139.22                   | 4.78                           |
| 24 | 9/18/2025 17:10     | 9/18/2025 17:22    | 0:12:10               | -48.21             | -170.27            | 432.59            | -43.64            | -103.75           | 428.27           | -139.45                   | 4.55                           |
| 25 | 9/18/2025 19:01     | 9/18/2025 19:12    | 0:10:40               | -29.48             | -106.61            | 421.81            | 2.14              | -81.20            | 413.11           | -140.54                   | 3.46                           |
| 26 | 9/18/2025 21:06     | 9/18/2025 21:26    | 0:19:50               | 51.58              | -28.90             | 421.62            | 13.62             | 52.06             | 418.32           | -139.38                   | 4.62                           |
| 27 | 9/19/2025 0:33      | 9/19/2025 0:52     | 0:19:50               | 9.51               | 7.96               | 418.25            | -45.32            | 63.26             | 431.68           | -139.10                   | 4.90                           |
| 28 | 9/19/2025 4:41      | 9/19/2025 4:56     | 0:15:30               | 36.87              | 168.71             | 416.59            | 47.66             | -111.20           | 421.81           | -139.39                   | 4.61                           |
| 29 | 9/19/2025 5:47      | 9/19/2025 6:03     | 0:16:10               | -38.22             | 77.26              | 425.93            | 8.56              | 118.28            | 412.69           | -140.29                   | 3.71                           |
| 30 | 9/19/2025 7:36      | 9/19/2025 7:55     | 0:19:00               | 8.61               | 94.73              | 412.68            | 51.49             | 164.66            | 421.39           | -139.19                   | 4.81                           |
| 31 | 9/19/2025 10:28     | 9/19/2025 10:34    | 0:05:10               | -31.33             | 15.49              | 422.69            | -16.63            | 29.21             | 417.02           | -140.87                   | 3.13                           |
| 32 | 9/19/2025 10:34     | 9/19/2025 10:43    | 0:09:10               | -14.64             | 30.77              | 416.41            | 13.24             | 50.99             | 412.66           | -140.46                   | 3.54                           |
| 33 | 9/19/2025 12:15     | 9/19/2025 12:30    | 0:15:00               | 8.24               | 23.70              | 412.60            | 47.11             | 71.28             | 419.55           | -139.03                   | 4.97                           |
| 34 | 9/19/2025 14:45     | 9/19/2025 14:56    | 0:11:30               | -38.55             | -162.12            | 429.64            | -51.27            | -102.89           | 432.52           | -139.09                   | 4.91                           |
| 35 | 9/19/2025 17:22     | 9/19/2025 17:42    | 0:19:50               | 41.83              | 74.30              | 421.13            | -14.83            | 126.08            | 422.20           | -140.27                   | 3.73                           |
| 36 | 9/19/2025 19:10     | 9/19/2025 19:30    | 0:19:50               | -1.75              | 92.93              | 419.53            | -50.48            | 159.16            | 433.26           | -139.01                   | 4.99                           |
| 37 | 9/19/2025 21:55     | 9/19/2025 22:15    | 0:19:50               | 49.85              | -19.41             | 421.82            | -0.32             | 44.75             | 419.02           | -139.23                   | 4.77                           |
| 38 | 9/20/2025 3:18      | 9/20/2025 3:34     | 0:15:20               | -51.38             | 67.25              | 432.73            | -19.05            | 127.78            | 417.92           | -139.61                   | 4.39                           |
| 39 | 9/20/2025 3:35      | 9/20/2025 3:38     | 0:03:20               | -16.59             | 129.78             | 417.10            | -6.54             | 137.33            | 414.44           | -141.60                   | 2.40                           |
| 40 | 9/20/2025 4:57      | 9/20/2025 5:06     | 0:09:40               | -44.24             | 72.42              | 428.92            | -19.50            | 103.83            | 418.04           | -139.81                   | 4.19                           |
| 41 | 9/20/2025 5:07      | 9/20/2025 5:15     | 0:08:00               | -17.04             | 105.84             | 417.21            | 7.27              | 123.53            | 412.62           | -140.52                   | 3.48                           |
| 42 | 9/20/2025 6:44      | 9/20/2025 6:46     | 0:02:00               | -4.40              | 91.68              | 413.91            | 1.73              | 96.00             | 413.01           | -141.71                   | 2.29                           |
| 43 | 9/20/2025 6:47      | 9/20/2025 7:04     | 0:17:10               | 3.26               | 97.08              | 412.85            | 47.94             | 150.91            | 419.58           | -139.26                   | 4.74                           |
| 44 | 9/20/2025 9:36      | 9/20/2025 9:45     | 0:08:30               | -42.44             | 5.43               | 428.01            | -20.32            | 32.37             | 418.29           | -140.53                   | 3.47                           |
| 45 | 9/20/2025 9:45      | 9/20/2025 9:47     | 0:01:50               | -18.36             | 34.00              | 417.60            | -12.90            | 38.30             | 415.88           | -141.15                   | 2.85                           |
| 46 | 9/20/2025 9:49      | 9/20/2025 9:51     | 0:01:20               | -5.82              | 43.49              | 414.15            | -1.74             | 46.38             | 413.42           | -142.22                   | 1.78                           |
| 47 | 9/20/2025 9:51      | 9/20/2025 9:52     | 0:00:50               | 0.30               | 47.82              | 413.13            | 2.85              | 49.62             | 412.85           | -141.38                   | 2.62                           |
| 48 | 9/20/2025 9:53      | 9/20/2025 9:56     | 0:02:40               | 4.89               | 51.06              | 412.68            | 12.99             | 56.99             | 412.52           | -140.14                   | 3.86                           |
| 49 | 9/20/2025 12:59     | 9/20/2025 13:18    | 0:18:30               | 6.52               | 5.06               | 412.51            | 50.74             | 69.58             | 420.66           | -139.29                   | 4.71                           |
| 50 | 9/20/2025 15:28     | 9/20/2025 15:43    | 0:15:20               | -34.71             | 175.07             | 428.40            | -49.18            | -107.53           | 431.28           | -138.99                   | 5.01                           |
| 51 | 9/20/2025 18:22     | 9/20/2025 18:23    | 0:00:30               | -1.52              | 98.96              | 419.48            | -3.05             | 100.04            | 419.71           | -143.40                   | 0.60                           |
| 52 | 9/20/2025 18:23     | 9/20/2025 18:38    | 0:14:20               | -4.57              | 101.12             | 419.96            | -43.62            | 142.48            | 431.44           | -139.54                   | 4.46                           |
| 53 | 9/20/2025 20:29     | 9/20/2025 20:35    | 0:06:00               | -35.98             | -149.19            | 425.05            | -19.47            | -132.02           | 418.19           | -140.41                   | 3.59                           |
| 54 | 9/20/2025 20:35     | 9/20/2025 20:37    | 0:01:30               | -17.01             | -130.01            | 417.35            | -12.52            | -126.53           | 415.98           | -141.44                   | 2.56                           |
| 55 | 9/20/2025 20:39     | 9/20/2025 20:41    | 0:01:50               | -6.97              | -122.44            | 414.59            | -1.36             | -118.46           | 413.56           | -141.51                   | 2.49                           |
| 56 | 9/20/2025 20:42     | 9/20/2025 20:42    | 0:00:30               | 2.21               | -115.95            | 413.10            | 3.74              | -114.86           | 412.95           | -141.34                   | 2.66                           |
| 57 | 9/20/2025 22:11     | 9/20/2025 22:14    | 0:02:30               | -7.93              | -146.72            | 414.83            | -0.29             | -141.29           | 413.43           | -140.90                   | 3.10                           |

Table 7 Berthed TDRS MA (6M16G1D) PFD Exceedances

|     | Start Time<br>(GMT) | Stop Time<br>(GMT) | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m^2/4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|---------------------|--------------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------|--------------------------------|
| 58  | 9/20/2025 22:15     | 9/20/2025 22:15    | 0:00:30               | 3.28               | -138.77            | 413.02            | 4.81              | -137.69           | 412.90           | -141.67                   | 2.33                           |
| 59  | 9/20/2025 22:16     | 9/20/2025 22:26    | 0:10:30               | 6.34               | -136.60            | 412.80            | 36.34             | -108.90           | 416.14           | -139.26                   | 4.74                           |
| 60  | 9/20/2025 23:59     | 9/21/2025 0:16     | 0:17:40               | 34.70              | -134.67            | 415.72            | 45.47             | -45.34            | 421.03           | -139.13                   | 4.87                           |
| 61  | 9/21/2025 2:30      | 9/21/2025 2:44     | 0:14:00               | -51.62             | 70.10              | 433.02            | -24.56            | 129.16            | 419.93           | -139.66                   | 4.34                           |
| 62  | 9/21/2025 2:45      | 9/21/2025 2:45     | 0:00:50               | -23.13             | 130.47             | 419.38            | -20.71            | 132.58            | 418.48           | -141.58                   | 2.42                           |
| 63  | 9/21/2025 2:46      | 9/21/2025 2:47     | 0:00:30               | -18.76             | 134.22             | 417.79            | -17.28            | 135.43            | 417.29           | -141.53                   | 2.47                           |
| 64  | 9/21/2025 2:47      | 9/21/2025 2:48     | 0:00:20               | -15.30             | 137.00             | 416.66            | -14.30            | 137.77            | 416.35           | -143.51                   | 0.49                           |
| 65  | 9/21/2025 4:44      | 9/21/2025 5:04     | 0:19:40               | 48.99              | -175.40            | 419.67            | 23.12             | -84.89            | 418.40           | -139.13                   | 4.87                           |
| 66  | 9/21/2025 7:03      | 9/21/2025 7:19     | 0:15:40               | -48.68             | -32.00             | 433.17            | -34.80            | 47.26             | 424.46           | -139.54                   | 4.46                           |
| 67  | 9/21/2025 8:42      | 9/21/2025 8:57     | 0:15:10               | -51.18             | -18.91             | 432.86            | -18.54            | 40.06             | 417.65           | -139.57                   | 4.43                           |
| 68  | 9/21/2025 8:58      | 9/21/2025 8:59     | 0:01:20               | -16.56             | 41.65              | 416.98            | -12.57            | 44.74             | 415.75           | -141.93                   | 2.07                           |
| 69  | 9/21/2025 9:01      | 9/21/2025 9:02     | 0:00:40               | -8.03              | 48.10              | 414.57            | -6.00             | 49.56             | 414.11           | -143.36                   | 0.64                           |
| 70  | 9/21/2025 11:32     | 9/21/2025 11:42    | 0:10:20               | -26.40             | -140.81            | 425.73            | -49.19            | -100.71           | 433.23           | -139.04                   | 4.96                           |
| 71  | 9/21/2025 14:41     | 9/21/2025 14:55    | 0:13:30               | -36.67             | -176.09            | 429.16            | -50.34            | -107.09           | 432.10           | -139.05                   | 4.95                           |
| 72  | 9/21/2025 16:23     | 9/21/2025 16:40    | 0:16:40               | -51.51             | -156.05            | 433.46            | -23.59            | -82.23            | 419.34           | -139.72                   | 4.28                           |
| 73  | 9/21/2025 16:40     | 9/21/2025 16:41    | 0:00:50               | -22.15             | -80.94             | 418.78            | -19.72            | -78.85            | 417.89           | -142.02                   | 1.98                           |
| 74  | 9/21/2025 16:42     | 9/21/2025 16:42    | 0:00:30               | -18.25             | -77.64             | 417.38            | -16.77            | -76.44            | 416.88           | -141.63                   | 2.37                           |
| 75  | 9/21/2025 16:43     | 9/21/2025 16:43    | 0:00:20               | -15.28             | -75.26             | 416.40            | -14.28            | -74.49            | 416.10           | -143.40                   | 0.60                           |
| 76  | 9/21/2025 18:13     | 9/21/2025 18:13    | 0:00:00               | -23.53             | -105.77            | 419.47            | -23.53            | -105.77           | 419.47           | -142.78                   | 1.22                           |
| 77  | 9/21/2025 18:13     | 9/21/2025 18:14    | 0:00:40               | -22.09             | -104.48            | 418.91            | -20.15            | -102.81           | 418.20           | -142.03                   | 1.97                           |
| 78  | 9/21/2025 18:14     | 9/21/2025 18:15    | 0:00:20               | -18.19             | -101.18            | 417.51            | -17.20            | -100.38           | 417.18           | -141.35                   | 2.65                           |
| 79  | 9/21/2025 18:15     | 9/21/2025 18:17    | 0:01:20               | -15.22             | -98.81             | 416.54            | -11.21            | -95.76            | 415.37           | -141.33                   | 2.67                           |
| 80  | 9/21/2025 18:18     | 9/21/2025 18:18    | 0:00:30               | -7.67              | -93.16             | 414.49            | -6.15             | -92.07            | 414.16           | -143.35                   | 0.65                           |
| 81  | 9/21/2025 18:20     | 9/21/2025 18:22    | 0:02:20               | -2.07              | -89.17             | 413.40            | 5.07              | -84.13            | 412.58           | -140.97                   | 3.03                           |
| 82  | 9/21/2025 18:23     | 9/21/2025 18:23    | 0:00:20               | 7.10               | -82.67             | 412.46            | 8.12              | -81.94            | 412.42           | -141.88                   | 2.12                           |
| 83  | 9/21/2025 19:14     | 9/21/2025 19:26    | 0:12:30               | -21.45             | 96.71              | 423.99            | -49.70            | 143.69            | 433.39           | -139.02                   | 4.98                           |
| 84  | 9/21/2025 21:18     | 9/21/2025 21:18    | 0:00:30               | -25.32             | -154.60            | 420.46            | -23.90            | -153.28           | 419.90           | -141.12                   | 2.88                           |
| 85  | 9/21/2025 21:19     | 9/21/2025 21:19    | 0:00:40               | -22.46             | -151.98            | 419.34            | -20.52            | -150.30           | 418.62           | -141.58                   | 2.42                           |
| 86  | 9/21/2025 21:20     | 9/21/2025 21:20    | 0:00:20               | -19.06             | -149.07            | 418.09            | -18.08            | -148.26           | 417.75           | -141.73                   | 2.27                           |
| 87  | 9/21/2025 21:21     | 9/21/2025 21:22    | 0:01:10               | -16.10             | -146.67            | 417.09            | -12.61            | -143.98           | 416.03           | -141.64                   | 2.36                           |
| 88  | 9/21/2025 21:23     | 9/21/2025 21:24    | 0:00:20               | -8.57              | -140.99            | 414.97            | -7.56             | -140.26           | 414.73           | -143.48                   | 0.52                           |
| 89  | 9/21/2025 21:26     | 9/21/2025 21:28    | 0:02:00               | 0.08               | -134.83            | 413.33            | 6.20              | -130.50           | 412.72           | -142.05                   | 1.95                           |
| 90  | 9/21/2025 21:29     | 9/21/2025 21:29    | 0:00:20               | 8.74               | -128.66            | 412.60            | 9.75              | -127.92           | 412.58           | -141.85                   | 2.15                           |
| 91  | 9/22/2025 1:46      | 9/22/2025 1:56     | 0:10:50               | -48.85             | 94.92              | 431.37            | -24.20            | 135.69            | 419.84           | -139.74                   | 4.26                           |
| 92  | 9/22/2025 1:57      | 9/22/2025 1:58     | 0:01:20               | -22.76             | 136.99             | 419.28            | -18.88            | 140.33            | 417.86           | -141.16                   | 2.84                           |
| 93  | 9/22/2025 1:59      | 9/22/2025 1:59     | 0:00:10               | -16.41             | 142.32             | 417.03            | -15.91            | 142.72            | 416.87           | -141.66                   | 2.34                           |
| 94  | 9/22/2025 3:52      | 9/22/2025 4:12     | 0:20:00               | 41.51              | 171.18             | 417.10            | 33.76             | -89.82            | 419.24           | -138.64                   | 5.36                           |
| 95  | 9/22/2025 6:10      | 9/22/2025 6:30     | 0:19:20               | -39.15             | -48.23             | 430.12            | -38.19            | 48.73             | 426.11           | -138.97                   | 5.03                           |
| 96  | 9/22/2025 7:29      | 9/22/2025 7:31     | 0:02:20               | 2.14               | -109.69            | 418.81            | -4.99             | -104.66           | 419.91           | -141.91                   | 2.09                           |
| 97  | 9/22/2025 7:33      | 9/22/2025 7:46     | 0:12:30               | -12.57             | -99.13             | 421.58            | -45.17            | -60.05            | 432.20           | -139.18                   | 4.82                           |
| 98  | 9/22/2025 9:41      | 9/22/2025 9:42     | 0:01:00               | -22.47             | 19.32              | 419.05            | -19.56            | 21.83             | 417.96           | -141.97                   | 2.03                           |
| 99  | 9/22/2025 9:43      | 9/22/2025 9:43     | 0:00:20               | -17.59             | 23.45              | 417.27            | -16.60            | 24.24             | 416.94           | -141.76                   | 2.24                           |
| 100 | 9/22/2025 9:44      | 9/22/2025 9:45     | 0:01:00               | -15.11             | 25.41              | 416.46            | -12.11            | 27.71             | 415.55           | -141.58                   | 2.42                           |
| 101 | 9/22/2025 9:46      | 9/22/2025 9:46     | 0:00:20               | -8.58              | 30.32              | 414.62            | -7.56             | 31.05             | 414.38           | -143.51                   | 0.49                           |
| 102 | 9/22/2025 9:49      | 9/22/2025 9:50     | 0:01:10               | 0.59               | 36.84              | 412.90            | 4.16              | 39.36             | 412.50           | -141.68                   | 2.32                           |
| 103 | 9/22/2025 9:51      | 9/22/2025 9:51     | 0:00:10               | 7.21               | 41.54              | 412.30            | 7.72              | 41.91             | 412.27           | -141.58                   | 2.42                           |
| 104 | 9/22/2025 9:52      | 9/22/2025 9:52     | 0:00:20               | 10.25              | 43.76              | 412.20            | 11.26             | 44.51             | 412.20           | -141.06                   | 2.94                           |
| 105 | 9/22/2025 9:53      | 9/22/2025 9:53     | 0:00:10               | 13.27              | 46.02              | 412.22            | 13.77             | 46.40             | 412.24           | -141.88                   | 2.12                           |
| 106 | 9/22/2025 9:54      | 9/22/2025 9:54     | 0:00:20               | 15.27              | 47.56              | 412.30            | 16.27             | 48.34             | 412.35           | -141.02                   | 2.98                           |
| 107 | 9/22/2025 9:54      | 9/22/2025 9:55     | 0:00:10               | 17.75              | 49.53              | 412.45            | 18.25             | 49.94             | 412.49           | -141.30                   | 2.70                           |
| 108 | 9/22/2025 9:55      | 9/22/2025 9:56     | 0:01:20               | 19.72              | 51.16              | 412.63            | 23.59             | 54.54             | 413.09           | -141.12                   | 2.88                           |
| 109 | 9/22/2025 12:22     | 9/22/2025 12:32    | 0:10:00               | -40.11             | -141.01            | 430.46            | -51.64            | -89.18            | 433.24           | -138.94                   | 5.06                           |
| 110 | 9/22/2025 15:30     | 9/22/2025 15:41    | 0:10:30               | -45.96             | -175.95            | 432.28            | -48.82            | -117.25           | 431.30           | -138.95                   | 5.05                           |
| 111 | 9/22/2025 15:44     | 9/22/2025 15:52    | 0:08:20               | -44.11             | -103.59            | 428.81            | -23.18            | -75.66            | 419.21           | -140.06                   | 3.94                           |
| 112 | 9/22/2025 15:53     | 9/22/2025 15:54    | 0:01:20               | -21.74             | -74.37             | 418.66            | -17.83            | -71.09            | 417.25           | -141.63                   | 2.37                           |
| 113 | 9/22/2025 17:23     | 9/22/2025 17:25    | 0:01:50               | -28.29             | -104.15            | 421.40            | -23.12            | -99.19            | 419.28           | -141.09                   | 2.91                           |
| 114 | 9/22/2025 17:25     | 9/22/2025 17:27    | 0:01:10               | -21.67             | -97.91             | 418.73            | -18.26            | -95.03            | 417.50           | -140.60                   | 3.40                           |

Table 7 Berthed TDRS MA (6M16G1D) PFD Exceedances

|     | Start Time<br>(GMT) | Stop Time<br>(GMT) | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m^2/4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|---------------------|--------------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------|--------------------------------|
| 115 | 9/22/2025 17:27     | 9/22/2025 17:28    | 0:00:50               | -16.28             | -93.44             | 416.83            | -13.79            | -91.50            | 416.06           | -141.73                   | 2.27                           |
| 116 | 9/22/2025 17:29     | 9/22/2025 17:29    | 0:00:20               | -11.28             | -89.60             | 415.34            | -10.27            | -88.85            | 415.07           | -141.52                   | 2.48                           |
| 117 | 9/22/2025 17:30     | 9/22/2025 17:30    | 0:00:00               | -7.74              | -87.01             | 414.45            | -7.74             | -87.01            | 414.45           | -143.91                   | 0.09                           |
| 118 | 9/22/2025 17:33     | 9/22/2025 17:34    | 0:01:00               | -0.10              | -81.58             | 413.03            | 2.96              | -79.42            | 412.67           | -142.11                   | 1.89                           |
| 119 | 9/22/2025 17:35     | 9/22/2025 17:35    | 0:00:10               | 7.03               | -76.52             | 412.36            | 7.54              | -76.15            | 412.34           | -141.81                   | 2.19                           |
| 120 | 9/22/2025 17:36     | 9/22/2025 17:36    | 0:00:20               | 10.07              | -74.30             | 412.27            | 11.08             | -73.56            | 412.26           | -141.92                   | 2.08                           |
| 121 | 9/22/2025 17:37     | 9/22/2025 17:43    | 0:05:40               | 13.10              | -72.05             | 412.29            | 29.51             | -57.57            | 414.18           | -140.20                   | 3.80                           |
| 122 | 9/22/2025 22:15     | 9/22/2025 22:33    | 0:18:00               | 12.78              | -143.04            | 412.50            | 51.63             | -73.95            | 420.58           | -138.87                   | 5.13                           |
| 123 | 9/23/2025 2:29      | 9/23/2025 2:42     | 0:12:40               | -50.65             | 68.45              | 432.55            | -23.70            | 118.77            | 419.68           | -139.64                   | 4.36                           |
| 124 | 9/23/2025 2:42      | 9/23/2025 2:42     | 0:00:10               | -22.26             | 120.06             | 419.11            | -21.78            | 120.49            | 418.93           | -141.87                   | 2.13                           |
| 125 | 9/23/2025 2:43      | 9/23/2025 2:43     | 0:00:30               | -20.32             | 121.74             | 418.39            | -18.85            | 122.97            | 417.86           | -142.23                   | 1.77                           |
| 126 | 9/23/2025 2:44      | 9/23/2025 2:44     | 0:00:20               | -17.38             | 124.17             | 417.35            | -16.39            | 124.96            | 417.02           | -141.09                   | 2.91                           |
| 127 | 9/23/2025 2:45      | 9/23/2025 2:45     | 0:00:50               | -14.90             | 126.14             | 416.54            | -12.40            | 128.05            | 415.79           | -142.13                   | 1.87                           |
| 128 | 9/23/2025 2:46      | 9/23/2025 2:47     | 0:01:10               | -9.88              | 129.92             | 415.10            | -6.33             | 132.50            | 414.26           | -142.12                   | 1.88                           |
| 129 | 9/23/2025 4:08      | 9/23/2025 4:14     | 0:06:40               | -40.95             | 74.00              | 427.51            | -23.64            | 95.24             | 419.63           | -140.29                   | 3.71                           |
| 130 | 9/23/2025 4:15      | 9/23/2025 4:16     | 0:01:10               | -22.20             | 96.53              | 419.07            | -18.79            | 99.44             | 417.81           | -141.93                   | 2.07                           |
| 131 | 9/23/2025 4:17      | 9/23/2025 4:17     | 0:00:10               | -17.31             | 100.64             | 417.29            | -16.82            | 101.04            | 417.12           | -142.11                   | 1.89                           |
| 132 | 9/23/2025 4:17      | 9/23/2025 4:18     | 0:00:40               | -14.83             | 102.60             | 416.48            | -12.83            | 104.13            | 415.86           | -142.37                   | 1.63                           |
| 133 | 9/23/2025 4:19      | 9/23/2025 4:20     | 0:01:00               | -9.81              | 106.39             | 415.03            | -6.77             | 108.59            | 414.29           | -141.95                   | 2.05                           |
| 134 | 9/23/2025 4:23      | 9/23/2025 4:24     | 0:01:00               | 0.88               | 114.01             | 412.91            | 3.94              | 116.17            | 412.56           | -141.81                   | 2.19                           |
| 135 | 9/23/2025 4:25      | 9/23/2025 4:25     | 0:00:20               | 8.01               | 119.08             | 412.28            | 9.02              | 119.82            | 412.24           | -142.04                   | 1.96                           |
| 136 | 9/23/2025 4:26      | 9/23/2025 4:27     | 0:00:40               | 11.04              | 121.31             | 412.20            | 13.05             | 122.82            | 412.21           | -143.04                   | 0.96                           |
| 137 | 9/23/2025 5:27      | 9/23/2025 5:40     | 0:13:20               | -48.16             | -21.53             | 433.07            | -41.27            | 49.85             | 427.67           | -138.84                   | 5.16                           |
| 138 | 9/23/2025 7:03      | 9/23/2025 7:21     | 0:17:10               | -51.52             | -25.52             | 433.83            | -22.06            | 49.48             | 419.03           | -139.60                   | 4.40                           |
| 139 | 9/23/2025 7:21      | 9/23/2025 7:21     | 0:00:00               | -20.61             | 50.74              | 418.47            | -20.61            | 50.74             | 418.47           | -142.88                   | 1.12                           |
| 140 | 9/23/2025 9:49      | 9/23/2025 9:50     | 0:01:00               | -7.13              | -144.09            | 420.23            | -10.16            | -141.88           | 420.90           | -141.05                   | 2.95                           |
| 141 | 9/23/2025 9:51      | 9/23/2025 9:53     | 0:01:30               | -12.68             | -140.00            | 421.51            | -17.15            | -136.52           | 422.73           | -141.03                   | 2.97                           |
| 142 | 9/23/2025 9:53      | 9/23/2025 9:53     | 0:00:10               | -18.63             | -135.32            | 423.16            | -19.12            | -134.92           | 423.31           | -143.38                   | 0.62                           |
| 143 | 9/23/2025 9:54      | 9/23/2025 9:54     | 0:00:10               | -20.58             | -133.69            | 423.75            | -21.07            | -133.27           | 423.90           | -143.57                   | 0.43                           |
| 144 | 9/23/2025 9:55      | 9/23/2025 10:09    | 0:14:10               | -22.51             | -132.01            | 424.36            | -51.38            | -74.40            | 433.71           | -139.02                   | 4.98                           |
| 145 | 9/23/2025 12:11     | 9/23/2025 12:11    | 0:00:10               | 13.89              | 5.53               | 412.13            | 14.39             | 5.92              | 412.15           | -142.73                   | 1.27                           |
| 146 | 9/23/2025 12:12     | 9/23/2025 12:12    | 0:00:10               | 16.39              | 7.48               | 412.24            | 16.88             | 7.87              | 412.27           | -141.21                   | 2.79                           |
| 147 | 9/23/2025 12:12     | 9/23/2025 12:14    | 0:01:10               | 18.36              | 9.07               | 412.38            | 21.78             | 11.96             | 412.71           | -141.96                   | 2.04                           |
| 148 | 9/23/2025 12:14     | 9/23/2025 12:29    | 0:14:30               | 23.23              | 13.25              | 412.90            | 51.65             | 74.01             | 420.41           | -139.36                   | 4.64                           |
| 149 | 9/23/2025 14:39     | 9/23/2025 14:59    | 0:19:50               | -39.06             | 176.32             | 430.00            | -37.07            | -84.92            | 425.36           | -138.98                   | 5.02                           |
| 150 | 9/23/2025 16:31     | 9/23/2025 16:41    | 0:10:10               | -40.16             | -113.32            | 426.89            | -12.27            | -84.13            | 415.54           | -139.91                   | 4.09                           |
| 151 | 9/23/2025 16:41     | 9/23/2025 16:42    | 0:00:30               | -10.76             | -83.00             | 415.12            | -9.25             | -81.89            | 414.72           | -142.17                   | 1.83                           |
| 152 | 9/23/2025 16:43     | 9/23/2025 16:43    | 0:00:20               | -6.21              | -79.69             | 414.01            | -5.19             | -78.96            | 413.80           | -141.17                   | 2.83                           |
| 153 | 9/23/2025 16:45     | 9/23/2025 16:47    | 0:02:00               | -0.60              | -75.72             | 413.00            | 5.52              | -71.39            | 412.33           | -141.95                   | 2.05                           |
| 154 | 9/23/2025 16:47     | 9/23/2025 16:47    | 0:00:20               | 7.05               | -70.29             | 412.23            | 8.06              | -69.56            | 412.19           | -143.36                   | 0.64                           |
| 155 | 9/23/2025 16:49     | 9/23/2025 16:49    | 0:00:50               | 11.60              | -66.96             | 412.12            | 14.11             | -65.06            | 412.17           | -140.68                   | 3.32                           |
| 156 | 9/23/2025 17:30     | 9/23/2025 17:30    | 0:00:00               | 3.20               | 90.67              | 418.49            | 3.20              | 90.67             | 418.49           | -143.88                   | 0.12                           |
| 157 | 9/23/2025 17:35     | 9/23/2025 17:35    | 0:00:30               | -10.52             | 100.46             | 420.89            | -12.03            | 101.58            | 421.26           | -141.45                   | 2.55                           |
| 158 | 9/23/2025 17:36     | 9/23/2025 17:37    | 0:00:50               | -14.03             | 103.10             | 421.77            | -16.51            | 105.04            | 422.45           | -142.43                   | 1.57                           |
| 159 | 9/23/2025 17:37     | 9/23/2025 17:37    | 0:00:10               | -17.99             | 106.23             | 422.88            | -18.49            | 106.63            | 423.02           | -143.09                   | 0.91                           |
| 160 | 9/23/2025 17:38     | 9/23/2025 17:38    | 0:00:00               | -20.44             | 108.26             | 423.62            | -20.44            | 108.26            | 423.62           | -143.17                   | 0.83                           |
| 161 | 9/23/2025 17:38     | 9/23/2025 17:44    | 0:05:20               | -21.89             | 109.52             | 424.07            | -36.37            | 125.15            | 429.06           | -140.65                   | 3.35                           |
| 162 | 9/23/2025 19:54     | 9/23/2025 19:54    | 0:00:10               | 10.73              | -114.78            | 412.35            | 11.23             | -114.41           | 412.35           | -141.92                   | 2.08                           |
| 163 | 9/23/2025 19:55     | 9/23/2025 19:56    | 0:00:40               | 13.74              | -112.51            | 412.37            | 15.74             | -110.96           | 412.44           | -141.74                   | 2.26                           |
| 164 | 9/23/2025 19:56     | 9/23/2025 20:12    | 0:15:40               | 17.72              | -109.38            | 412.55            | 51.34             | -48.17            | 420.15           | -139.50                   | 4.50                           |
| 165 | 9/24/2025 0:33      | 9/24/2025 0:34     | 0:00:40               | 13.47              | 176.52             | 412.33            | 15.46             | 178.06            | 412.39           | -142.00                   | 2.00                           |
| 166 | 9/24/2025 0:35      | 9/24/2025 0:35     | 0:00:10               | 17.45              | 179.64             | 412.51            | 17.94             | -179.96           | 412.54           | -141.12                   | 2.88                           |
| 167 | 9/24/2025 0:35      | 9/24/2025 0:44     | 0:08:50               | 19.42              | -178.74            | 412.66            | 42.54             | -150.85           | 417.18           | -139.81                   | 4.19                           |
| 168 | 9/24/2025 1:48      | 9/24/2025 1:56     | 0:07:50               | -38.28             | 108.19             | 426.17            | -16.84            | 130.82            | 417.15           | -140.06                   | 3.94                           |
| 169 | 9/24/2025 1:57      | 9/24/2025 1:57     | 0:00:20               | -15.35             | 132.00             | 416.66            | -14.35            | 132.77            | 416.35           | -141.87                   | 2.13                           |
| 170 | 9/24/2025 1:57      | 9/24/2025 1:58     | 0:00:20               | -12.85             | 133.92             | 415.90            | -11.85            | 134.68            | 415.61           | -141.89                   | 2.11                           |
| 171 | 9/24/2025 1:58      | 9/24/2025 1:59     | 0:00:10               | -9.83              | 136.17             | 415.06            | -9.32             | 136.54            | 414.93           | -141.61                   | 2.39                           |

Table 7 Berthed TDRS MA (6M16G1D) PFD Exceedances

|     | Start Time<br>(GMT) | Stop Time<br>(GMT) | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m^2/4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|---------------------|--------------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------|--------------------------------|
| 172 | 9/24/2025 2:00      | 9/24/2025 2:00     | 0:00:30               | -5.77              | 139.11             | 414.09            | -4.24             | 140.20            | 413.78           | -141.36                   | 2.64                           |
| 173 | 9/24/2025 3:56      | 9/24/2025 4:16     | 0:19:50               | 51.48              | -164.39            | 419.98            | 14.30             | -82.55            | 417.58           | -138.70                   | 5.30                           |
| 174 | 9/24/2025 7:55      | 9/24/2025 8:07     | 0:11:40               | -46.66             | -3.26              | 430.49            | -17.54            | 35.92             | 417.31           | -139.13                   | 4.87                           |
| 175 | 9/24/2025 8:08      | 9/24/2025 8:08     | 0:00:20               | -16.05             | 37.10              | 416.80            | -15.06            | 37.88             | 416.48           | -140.95                   | 3.05                           |
| 176 | 9/24/2025 8:08      | 9/24/2025 8:09     | 0:00:20               | -13.56             | 39.04              | 416.01            | -12.56            | 39.80             | 415.70           | -141.31                   | 2.69                           |
| 177 | 9/24/2025 8:09      | 9/24/2025 8:10     | 0:00:10               | -10.55             | 41.30              | 415.13            | -10.04            | 41.68             | 414.99           | -141.68                   | 2.32                           |
| 178 | 9/24/2025 8:11      | 9/24/2025 8:11     | 0:00:20               | -7.00              | 43.89              | 414.23            | -5.99             | 44.61             | 414.00           | -141.38                   | 2.62                           |
| 179 | 9/24/2025 8:12      | 9/24/2025 8:13     | 0:00:50               | -3.44              | 46.43              | 413.48            | -0.89             | 48.23             | 413.03           | -142.26                   | 1.74                           |
| 180 | 9/24/2025 8:15      | 9/24/2025 8:15     | 0:00:00               | 7.27               | 54.01              | 412.16            | 7.27              | 54.01             | 412.16           | -143.95                   | 0.05                           |
| 181 | 9/24/2025 8:58      | 9/24/2025 9:00     | 0:02:40               | 5.00               | -146.46            | 418.25            | -3.15             | -140.71           | 419.36           | -142.01                   | 1.99                           |
| 182 | 9/24/2025 9:01      | 9/24/2025 9:03     | 0:02:00               | -6.20              | -138.54            | 419.94            | -12.25            | -134.10           | 421.33           | -141.80                   | 2.20                           |
| 183 | 9/24/2025 9:04      | 9/24/2025 9:05     | 0:00:50               | -14.25             | -132.58            | 421.86            | -16.74            | -130.64           | 422.55           | -142.46                   | 1.54                           |
| 184 | 9/24/2025 9:05      | 9/24/2025 9:06     | 0:00:10               | -18.71             | -129.04            | 423.14            | -19.20            | -128.64           | 423.28           | -143.36                   | 0.64                           |
| 185 | 9/24/2025 9:06      | 9/24/2025 9:06     | 0:00:10               | -21.14             | -126.99            | 423.89            | -21.63            | -126.57           | 424.04           | -143.08                   | 0.92                           |
| 186 | 9/24/2025 9:07      | 9/24/2025 9:16     | 0:09:00               | -23.07             | -125.29            | 424.51            | -45.28            | -94.50            | 432.23           | -139.22                   | 4.78                           |
| 187 | 9/24/2025 13:50     | 9/24/2025 14:00    | 0:10:10               | -35.49             | 177.35             | 428.77            | -51.68            | -134.40           | 433.63           | -139.25                   | 4.75                           |
| 188 | 9/24/2025 14:03     | 9/24/2025 14:13    | 0:10:10               | -51.12             | -117.58            | 432.82            | -32.32            | -72.56            | 423.17           | -139.13                   | 4.87                           |
| 189 | 9/24/2025 15:36     | 9/24/2025 15:52    | 0:16:10               | -51.10             | -141.02            | 432.81            | -15.18            | -80.14            | 416.36           | -139.08                   | 4.92                           |
| 190 | 9/24/2025 15:52     | 9/24/2025 15:53    | 0:00:20               | -13.68             | -78.98             | 415.89            | -12.68            | -78.22            | 415.59           | -141.26                   | 2.74                           |
| 191 | 9/24/2025 15:53     | 9/24/2025 15:54    | 0:00:10               | -10.67             | -76.71             | 415.02            | -10.16            | -76.34            | 414.89           | -141.60                   | 2.40                           |
| 192 | 9/24/2025 15:54     | 9/24/2025 15:55    | 0:00:30               | -7.63              | -74.49             | 414.25            | -6.11             | -73.40            | 413.90           | -141.83                   | 2.17                           |
| 193 | 9/24/2025 15:56     | 9/24/2025 15:56    | 0:00:10               | -4.07              | -71.95             | 413.48            | -3.56             | -71.59            | 413.38           | -142.50                   | 1.50                           |
| 194 | 9/24/2025 18:25     | 9/24/2025 18:36    | 0:10:50               | -27.74             | 97.64              | 425.98            | -50.27            | 141.76            | 433.72           | -139.25                   | 4.75                           |
| 195 | 9/24/2025 21:12     | 9/24/2025 21:18    | 0:06:30               | 29.84              | 4.11               | 418.07            | 10.97             | 20.53             | 417.38           | -140.53                   | 3.47                           |
| 196 | 9/25/2025 0:52      | 9/25/2025 1:10     | 0:17:50               | -51.40             | 74.48              | 433.17            | -11.71            | 141.00            | 415.55           | -139.08                   | 4.92                           |
| 197 | 9/25/2025 3:06      | 9/25/2025 3:24     | 0:17:30               | 50.01              | -169.41            | 419.07            | 26.78             | -87.07            | 417.84           | -138.79                   | 5.21                           |
| 198 | 9/25/2025 5:24      | 9/25/2025 5:39     | 0:15:10               | -48.29             | -32.19             | 433.32            | -36.77            | 45.87             | 425.63           | -139.11                   | 4.89                           |
| 199 | 9/25/2025 6:20      | 9/25/2025 6:34     | 0:14:10               | 47.98              | -169.36            | 420.27            | 12.50             | -122.12           | 417.57           | -138.79                   | 5.21                           |
| 200 | 9/25/2025 8:07      | 9/25/2025 8:09     | 0:02:00               | 14.43              | -147.18            | 417.56            | 8.39              | -142.67           | 417.82           | -141.46                   | 2.54                           |
| 201 | 9/25/2025 8:09      | 9/25/2025 8:09     | 0:00:10               | 6.87               | -141.57            | 417.94            | 6.36              | -141.21           | 417.98           | -143.77                   | 0.23                           |
| 202 | 9/25/2025 8:11      | 9/25/2025 8:12     | 0:01:20               | 1.78               | -137.96            | 418.49            | -2.29             | -135.09           | 419.12           | -143.48                   | 0.52                           |
| 203 | 9/25/2025 8:13      | 9/25/2025 8:16     | 0:03:00               | -3.82              | -134.01            | 419.39            | -12.92            | -127.38           | 421.45           | -143.32                   | 0.68                           |
| 204 | 9/25/2025 8:17      | 9/25/2025 8:17     | 0:00:10               | -16.40             | -124.68            | 422.42            | -16.90            | -124.28           | 422.57           | -143.70                   | 0.30                           |
| 205 | 9/25/2025 8:18      | 9/25/2025 8:18     | 0:00:10               | -18.86             | -122.69            | 423.16            | -19.35            | -122.28           | 423.31           | -143.89                   | 0.11                           |
| 206 | 9/25/2025 8:18      | 9/25/2025 8:26     | 0:08:10               | -20.81             | -121.05            | 423.77            | -42.07            | -95.25            | 431.24           | -140.16                   | 3.84                           |
| 207 | 9/25/2025 13:05     | 9/25/2025 13:24    | 0:19:00               | -41.53             | -167.03            | 430.97            | -36.44            | -71.59            | 425.23           | -139.20                   | 4.80                           |
| 208 | 9/25/2025 15:51     | 9/25/2025 15:54    | 0:03:30               | 14.52              | 94.83              | 417.52            | 3.92              | 102.61            | 418.18           | -141.18                   | 2.82                           |
| 209 | 9/25/2025 15:55     | 9/25/2025 15:56    | 0:00:50               | -0.16              | 105.49             | 418.72            | -2.71             | 107.28            | 419.13           | -143.15                   | 0.85                           |
| 210 | 9/25/2025 15:59     | 9/25/2025 15:59    | 0:00:40               | -9.81              | 112.38             | 420.61            | -11.82            | 113.87            | 421.10           | -143.20                   | 0.80                           |
| 211 | 9/25/2025 16:00     | 9/25/2025 16:00    | 0:00:00               | -14.82             | 116.16             | 421.90            | -14.82            | 116.16            | 421.90           | -143.79                   | 0.21                           |
| 212 | 9/25/2025 16:02     | 9/25/2025 16:05    | 0:03:10               | -18.77             | 119.32             | 423.06            | -27.84            | 127.56            | 426.06           | -141.41                   | 2.59                           |
| 213 | 9/25/2025 16:42     | 9/25/2025 16:44    | 0:02:30               | -0.24              | -86.60             | 412.92            | 7.41              | -81.17            | 412.11           | -140.75                   | 3.25                           |
| 214 | 9/25/2025 16:46     | 9/25/2025 16:48    | 0:01:30               | 12.97              | -77.07             | 411.98            | 17.45             | -73.57            | 412.14           | -141.46                   | 2.54                           |
| 215 | 9/25/2025 16:48     | 9/25/2025 16:55    | 0:07:10               | 19.42              | -71.95             | 412.29            | 38.81             | -50.60            | 415.73           | -140.19                   | 3.81                           |
| 216 | 9/25/2025 19:39     | 9/25/2025 19:45    | 0:06:00               | -26.62             | -154.60            | 423.89            | -8.98             | -140.02           | 419.09           | -140.18                   | 3.82                           |
| 217 | 9/25/2025 19:45     | 9/25/2025 19:46    | 0:00:30               | -7.46              | -138.92            | 418.82            | -5.94             | -137.83           | 418.58           | -141.26                   | 2.74                           |
| 218 | 9/25/2025 19:46     | 9/25/2025 19:47    | 0:00:30               | -3.39              | -136.02            | 418.23            | -1.86             | -134.94           | 418.06           | -141.68                   | 2.32                           |
| 219 | 9/25/2025 19:48     | 9/25/2025 19:50    | 0:01:30               | 1.70               | -132.42            | 417.76            | 6.29              | -129.17           | 417.60           | -141.97                   | 2.03                           |
| 220 | 9/25/2025 19:51     | 9/25/2025 19:53    | 0:01:40               | 11.34              | -125.48            | 417.71            | 16.34             | -121.65           | 418.09           | -141.74                   | 2.26                           |
| 221 | 9/25/2025 20:22     | 9/25/2025 20:32    | 0:09:50               | 33.59              | 5.98               | 423.48            | 5.15              | 30.94             | 420.68           | -140.04                   | 3.96                           |
| 222 | 9/25/2025 20:33     | 9/25/2025 20:33    | 0:00:30               | 3.62               | 32.03              | 420.73            | 2.09              | 33.11             | 420.81           | -143.41                   | 0.59                           |
| 223 | 9/25/2025 20:40     | 9/25/2025 20:42    | 0:02:00               | -19.05             | 48.75              | 424.25            | -24.83            | 53.83             | 425.85           | -141.57                   | 2.43                           |
| 224 | 9/26/2025 2:16      | 9/26/2025 2:27     | 0:11:20               | 45.04              | 179.79             | 424.32            | 48.34             | -117.34           | 426.50           | -139.57                   | 4.43                           |
| 225 | 9/26/2025 2:30      | 9/26/2025 2:41     | 0:11:10               | 43.41              | -103.97            | 425.54            | 13.80             | -69.82            | 420.98           | -139.36                   | 4.64                           |
| 226 | 9/26/2025 4:34      | 9/26/2025 4:52     | 0:18:00               | -42.75             | -40.64             | 431.91            | -37.48            | 50.95             | 427.85           | -139.32                   | 4.68                           |
| 227 | 9/26/2025 7:17      | 9/26/2025 7:26     | 0:09:30               | 22.57              | -147.83            | 421.95            | -6.04             | -126.36           | 422.03           | -140.43                   | 3.57                           |
| 228 | 9/26/2025 7:30      | 9/26/2025 7:32     | 0:02:20               | -18.06             | -117.28            | 424.39            | -24.82            | -111.40           | 426.22           | -141.54                   | 2.46                           |

**Table 7 Berthed TDRS MA (6M16G1D) PFD Exceedances**

|     | Start Time<br>(GMT) | Stop Time<br>(GMT) | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m <sup>2</sup> /4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|---------------------|--------------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------------------|--------------------------------|
| 229 | 9/26/2025 12:18     | 9/26/2025 12:35    | 0:17:20               | -42.25             | -159.65            | 431.67            | -39.63            | -70.38            | 428.47           | -139.46                               | 4.54                           |
| 230 | 9/26/2025 13:54     | 9/26/2025 14:13    | 0:19:50               | -47.43             | -170.63            | 433.26            | -25.90            | -77.12            | 423.10           | -139.35                               | 4.65                           |
| 231 | 9/26/2025 15:06     | 9/26/2025 15:20    | 0:14:00               | 8.92               | 105.00             | 421.06            | -32.40            | 138.51            | 428.47           | -141.24                               | 2.76                           |
| 232 | 9/26/2025 16:44     | 9/26/2025 17:03    | 0:19:50               | -6.70              | 92.49              | 422.06            | -51.54            | 164.59            | 434.36           | -139.40                               | 4.60                           |
| 233 | 9/26/2025 18:53     | 9/26/2025 19:03    | 0:10:00               | -22.98             | -145.23            | 422.52            | 7.15              | -122.60           | 417.38           | -140.49                               | 3.51                           |
| 234 | 9/26/2025 21:29     | 9/26/2025 21:40    | 0:11:10               | -25.50             | 36.82              | 426.09            | -49.79            | 80.57             | 433.88           | -139.49                               | 4.51                           |
| 235 | 9/27/2025 1:24      | 9/27/2025 1:34     | 0:10:50               | 33.10              | 165.92             | 420.75            | 51.61             | -144.20           | 426.56           | -139.55                               | 4.45                           |
| 236 | 9/27/2025 1:37      | 9/27/2025 1:51     | 0:13:50               | 51.26              | -127.32            | 426.83            | 22.76             | -71.23            | 421.81           | -138.97                               | 5.03                           |
| 237 | 9/27/2025 4:18      | 9/27/2025 4:23     | 0:04:40               | -0.32              | 90.49              | 417.36            | 13.87             | 100.76            | 417.30           | -140.57                               | 3.43                           |
| 238 | 9/27/2025 4:23      | 9/27/2025 4:34     | 0:10:50               | 16.36              | 102.70             | 417.53            | 44.46             | 137.18            | 423.88           | -139.77                               | 4.23                           |
| 239 | 9/27/2025 6:03      | 9/27/2025 6:19     | 0:16:10               | 35.74              | 98.48              | 421.30            | 47.36             | -178.90           | 426.28           | -139.55                               | 4.45                           |
| 240 | 9/27/2025 8:10      | 9/27/2025 8:22     | 0:12:00               | -0.18              | -148.15            | 421.44            | -34.95            | -117.96           | 429.43           | -140.55                               | 3.45                           |
| 241 | 9/27/2025 13:11     | 9/27/2025 13:22    | 0:10:50               | -51.63             | -140.90            | 434.22            | -38.25            | -85.85            | 427.75           | -139.94                               | 4.06                           |
| 242 | 9/27/2025 14:51     | 9/27/2025 15:08    | 0:17:40               | -46.60             | -126.43            | 431.40            | 0.73              | -73.99            | 417.09           | -139.37                               | 4.63                           |
| 243 | 9/27/2025 18:47     | 9/27/2025 19:06    | 0:19:40               | 39.13              | 10.15              | 424.49            | -17.85            | 59.68             | 424.16           | -139.01                               | 4.99                           |
| 244 | 9/27/2025 19:45     | 9/27/2025 19:56    | 0:11:40               | -6.31              | -149.79            | 418.20            | 28.47             | -122.48           | 419.57           | -140.69                               | 3.31                           |
| 245 | 9/27/2025 22:06     | 9/27/2025 22:20    | 0:14:00               | 0.56               | -1.10              | 421.05            | -39.24            | 35.79             | 430.63           | -140.73                               | 3.27                           |
| 246 | 9/28/2025 0:04      | 9/28/2025 0:23     | 0:19:00               | -51.00             | 72.75              | 433.65            | -6.21             | 139.48            | 418.00           | -139.56                               | 4.44                           |
| 247 | 9/28/2025 2:32      | 9/28/2025 2:48     | 0:16:20               | 37.68              | -105.63            | 424.18            | -9.70             | -64.59            | 422.64           | -138.94                               | 5.06                           |
| 248 | 9/28/2025 7:18      | 9/28/2025 7:32     | 0:14:10               | 15.52              | -153.65            | 421.33            | -26.89            | -121.09           | 427.02           | -140.20                               | 3.80                           |
| 249 | 9/28/2025 9:54      | 9/28/2025 10:05    | 0:11:20               | 31.90              | 28.85              | 419.93            | 51.63             | 80.42             | 426.24           | -139.23                               | 4.77                           |
| 250 | 9/28/2025 13:58     | 9/28/2025 14:09    | 0:10:30               | -51.79             | -152.89            | 434.19            | -36.76            | -101.31           | 427.05           | -140.01                               | 3.99                           |
| 251 | 9/28/2025 14:11     | 9/28/2025 14:22    | 0:10:30               | -29.37             | -92.32             | 424.10            | 1.73              | -67.32            | 416.75           | -139.68                               | 4.32                           |
| 252 | 9/28/2025 15:48     | 9/28/2025 16:03    | 0:15:10               | -18.08             | -105.52            | 420.47            | 27.33             | -70.47            | 418.96           | -139.91                               | 4.09                           |
| 253 | 9/28/2025 17:50     | 9/28/2025 18:10    | 0:19:30               | 51.78              | -32.95             | 426.33            | 11.95             | 43.87             | 420.87           | -138.74                               | 5.26                           |
| 254 | 9/28/2025 19:42     | 9/28/2025 19:54    | 0:12:20               | 13.08              | 19.41              | 420.86            | -24.01            | 47.35             | 425.93           | -140.07                               | 3.93                           |
| 255 | 9/28/2025 22:22     | 9/28/2025 22:31    | 0:09:20               | 44.05              | -141.04            | 423.44            | 51.03             | -89.69            | 426.50           | -139.50                               | 4.50                           |

Maximum exceedance to -144 dBW/m<sup>2</sup>/4 kHz ITU/FCC Limit : 5.66  
Maximum exceedance to -128 dBW/m<sup>2</sup>/4 kHz PIRN 50885-NA-0068B Limit: -10.34

dB  
dB

Table 8 Berthed GN 6Mbps (4M98G1D) PFD Exceedances

|    | Start Time      | Stop Time       | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m^2/4kHz) | PFD Non-<br>Compliance<br>(dB) |
|----|-----------------|-----------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------|--------------------------------|
| 1  | 9/17/2025 15:04 | 9/17/2025 15:06 | 0:02:40               | -46.80             | -70.89             | 461.41            | -41.72            | -59.17            | 461.06           | -141.39                   | 2.61                           |
| 2  | 9/17/2025 15:07 | 9/17/2025 15:07 | 0:00:10               | -39.88             | -55.94             | 460.66            | -39.49            | -55.30            | 460.57           | -142.51                   | 1.49                           |
| 3  | 9/17/2025 16:39 | 9/17/2025 16:39 | 0:00:39               | -42.32             | -83.93             | 461.04            | -40.92            | -81.31            | 460.78           | -142.91                   | 1.09                           |
| 4  | 9/17/2025 16:40 | 9/17/2025 16:43 | 0:02:40               | -39.03             | -78.16             | 460.33            | -32.43            | -69.19            | 458.08           | -142.34                   | 1.66                           |
| 5  | 9/17/2025 16:44 | 9/17/2025 16:44 | 0:00:00               | -29.78             | -66.20             | 456.95            | -29.78            | -66.20            | 456.95           | -143.91                   | 0.09                           |
| 6  | 9/17/2025 20:07 | 9/17/2025 20:13 | 0:05:42               | 22.10              | -72.46             | 428.51            | 37.46             | -55.45            | 419.67           | -141.56                   | 2.44                           |
| 7  | 9/17/2025 21:45 | 9/17/2025 21:45 | 0:00:00               | 35.13              | -82.27             | 421.21            | 35.13             | -82.27            | 421.21           | -143.97                   | 0.03                           |
| 8  | 9/17/2025 21:45 | 9/17/2025 21:46 | 0:01:00               | 36.39              | -80.58             | 420.45            | 38.81             | -77.01            | 418.92           | -140.93                   | 3.07                           |
| 9  | 9/17/2025 21:47 | 9/17/2025 21:47 | 0:00:00               | 39.98              | -75.12             | 418.16            | 39.98             | -75.12            | 418.16           | -143.86                   | 0.14                           |
| 10 | 9/17/2025 21:47 | 9/17/2025 21:51 | 0:03:10               | 41.10              | -73.17             | 417.41            | 47.22             | -59.07            | 412.62           | -140.85                   | 3.15                           |
| 11 | 9/17/2025 23:23 | 9/17/2025 23:24 | 0:00:20               | 47.12              | -82.99             | 412.87            | 47.64             | -81.33            | 412.36           | -143.17                   | 0.83                           |
| 12 | 9/17/2025 23:24 | 9/17/2025 23:26 | 0:01:40               | 48.38              | -78.77             | 411.60            | 50.36             | -69.72            | 409.07           | -141.93                   | 2.07                           |
| 13 | 9/17/2025 23:27 | 9/17/2025 23:27 | 0:00:10               | 50.93              | -65.90             | 408.05            | 51.05             | -64.93            | 407.80           | -143.45                   | 0.55                           |
| 14 | 9/18/2025 1:02  | 9/18/2025 1:02  | 0:00:30               | 51.78              | -77.16             | 402.79            | 51.77             | -74.15            | 401.99           | -142.97                   | 1.03                           |
| 15 | 9/18/2025 1:03  | 9/18/2025 1:03  | 0:00:10               | 51.68              | -71.14             | 401.19            | 51.63             | -70.14            | 400.92           | -143.97                   | 0.03                           |
| 16 | 9/18/2025 1:04  | 9/18/2025 1:04  | 0:00:09               | 51.25              | -65.18             | 399.59            | 51.16             | -64.35            | 399.36           | -143.67                   | 0.33                           |
| 17 | 9/18/2025 2:38  | 9/18/2025 2:38  | 0:00:50               | 49.91              | -79.52             | 383.34            | 48.91             | -74.98            | 382.84           | -141.14                   | 2.86                           |
| 18 | 9/18/2025 2:39  | 9/18/2025 2:40  | 0:00:50               | 48.21              | -72.34             | 382.55            | 46.91             | -68.12            | 382.06           | -143.15                   | 0.85                           |
| 19 | 9/18/2025 2:40  | 9/18/2025 2:42  | 0:02:02               | 46.05              | -65.70             | 381.77            | 42.04             | -56.68            | 380.70           | -139.58                   | 4.42                           |
| 20 | 9/18/2025 4:13  | 9/18/2025 4:17  | 0:04:10               | 45.70              | -88.25             | 381.72            | 36.59             | -71.28            | 379.76           | -140.63                   | 3.37                           |
| 21 | 9/18/2025 4:19  | 9/18/2025 4:20  | 0:00:40               | 31.38              | -64.72             | 379.24            | 29.56             | -62.71            | 379.15           | -143.44                   | 0.56                           |
| 22 | 9/18/2025 5:51  | 9/18/2025 5:54  | 0:03:22               | 32.19              | -89.16             | 405.42            | 22.83             | -79.66            | 405.44           | -141.74                   | 2.26                           |
| 23 | 9/18/2025 7:41  | 9/18/2025 7:47  | 0:05:33               | -20.06             | -70.79             | 419.65            | -35.34            | -54.96            | 424.60           | -141.19                   | 2.81                           |
| 24 | 9/18/2025 9:19  | 9/18/2025 9:19  | 0:00:00               | -33.87             | -80.43             | 428.13            | -33.87            | -80.43            | 428.13           | -143.60                   | 0.40                           |
| 25 | 9/18/2025 9:21  | 9/18/2025 9:21  | 0:00:00               | -39.21             | -72.92             | 429.94            | -39.21            | -72.92            | 429.94           | -143.73                   | 0.27                           |
| 26 | 9/18/2025 9:23  | 9/18/2025 9:24  | 0:01:00               | -42.53             | -67.02             | 431.05            | -44.54            | -62.72            | 431.69           | -143.36                   | 0.64                           |
| 27 | 9/18/2025 15:49 | 9/18/2025 15:54 | 0:04:50               | -43.87             | -80.66             | 428.41            | -32.52            | -62.83            | 423.05           | -141.49                   | 2.51                           |
| 28 | 9/18/2025 15:55 | 9/18/2025 15:55 | 0:00:10               | -30.75             | -60.80             | 422.27            | -30.30            | -60.30            | 422.07           | -143.50                   | 0.50                           |
| 29 | 9/18/2025 17:28 | 9/18/2025 17:30 | 0:01:10               | -28.34             | -81.81             | 421.23            | -25.07            | -78.59            | 419.90           | -142.38                   | 1.62                           |
| 30 | 9/18/2025 17:30 | 9/18/2025 17:30 | 0:00:10               | -23.64             | -77.27             | 419.35            | -23.17            | -76.84            | 419.17           | -143.80                   | 0.20                           |
| 31 | 9/18/2025 17:31 | 9/18/2025 17:31 | 0:00:24               | -21.72             | -75.56             | 418.64            | -20.55            | -74.55            | 418.22           | -143.28                   | 0.72                           |
| 32 | 9/18/2025 20:54 | 9/18/2025 21:01 | 0:06:24               | 30.85              | -80.90             | 415.27            | 45.67             | -56.88            | 419.29           | -141.62                   | 2.38                           |
| 33 | 9/18/2025 22:31 | 9/18/2025 22:31 | 0:00:00               | 41.28              | -89.89             | 417.96            | 41.28             | -89.89            | 417.96           | -143.96                   | 0.04                           |
| 34 | 9/18/2025 22:32 | 9/18/2025 22:32 | 0:00:00               | 43.06              | -86.46             | 418.49            | 43.06             | -86.46            | 418.49           | -143.66                   | 0.34                           |
| 35 | 9/18/2025 22:32 | 9/18/2025 22:32 | 0:00:00               | 44.07              | -84.30             | 418.80            | 44.07             | -84.30            | 418.80           | -142.96                   | 1.04                           |
| 36 | 9/18/2025 22:33 | 9/18/2025 22:33 | 0:00:10               | 45.64              | -80.53             | 419.29            | 45.94             | -79.76            | 419.39           | -143.80                   | 0.20                           |
| 37 | 9/18/2025 22:34 | 9/18/2025 22:35 | 0:00:10               | 47.60              | -74.90             | 419.94            | 47.85             | -74.05            | 420.03           | -143.23                   | 0.77                           |
| 38 | 9/18/2025 22:35 | 9/18/2025 22:35 | 0:00:10               | 48.80              | -70.61             | 420.37            | 49.02             | -69.73            | 420.45           | -143.01                   | 0.99                           |
| 39 | 9/18/2025 22:36 | 9/18/2025 22:37 | 0:00:35               | 49.99              | -65.20             | 420.82            | 50.56             | -61.93            | 421.06           | -142.86                   | 1.14                           |
| 40 | 9/19/2025 0:10  | 9/19/2025 0:10  | 0:00:00               | 50.63              | -85.09             | 421.07            | 50.63             | -85.09            | 421.07           | -143.78                   | 0.22                           |
| 41 | 9/19/2025 0:11  | 9/19/2025 0:13  | 0:02:12               | 51.50              | -77.24             | 421.52            | 51.66             | -64.06            | 421.97           | -142.22                   | 1.78                           |
| 42 | 9/19/2025 1:48  | 9/19/2025 1:48  | 0:00:49               | 50.86              | -78.85             | 422.06            | 50.12             | -74.19            | 422.04           | -140.98                   | 3.02                           |
| 43 | 9/19/2025 1:49  | 9/19/2025 1:52  | 0:02:31               | 48.96              | -68.75             | 421.95            | 44.93             | -56.40            | 421.47           | -140.39                   | 3.61                           |
| 44 | 9/19/2025 3:23  | 9/19/2025 3:28  | 0:05:10               | 47.89              | -88.35             | 421.90            | 37.48             | -66.23            | 420.44           | -140.68                   | 3.32                           |
| 45 | 9/19/2025 3:29  | 9/19/2025 3:29  | 0:00:00               | 35.83              | -63.91             | 420.21            | 35.83             | -63.91            | 420.21           | -143.23                   | 0.77                           |
| 46 | 9/19/2025 3:29  | 9/19/2025 3:29  | 0:00:00               | 34.56              | -62.24             | 420.03            | 34.56             | -62.24            | 420.03           | -143.60                   | 0.40                           |
| 47 | 9/19/2025 3:31  | 9/19/2025 3:31  | 0:00:00               | 31.51              | -58.55             | 419.62            | 31.51             | -58.55            | 419.62           | -143.86                   | 0.14                           |
| 48 | 9/19/2025 5:02  | 9/19/2025 5:02  | 0:00:00               | 33.88              | -84.96             | 419.91            | 33.88             | -84.96            | 419.91           | -143.59                   | 0.41                           |
| 49 | 9/19/2025 5:03  | 9/19/2025 5:06  | 0:03:00               | 31.69              | -82.34             | 419.63            | 23.35             | -73.90            | 418.76           | -143.25                   | 0.75                           |
| 50 | 9/19/2025 6:54  | 9/19/2025 6:57  | 0:02:40               | -21.81             | -63.08             | 424.11            | -29.31            | -55.89            | 426.52           | -141.72                   | 2.28                           |
| 51 | 9/19/2025 8:31  | 9/19/2025 8:31  | 0:00:00               | -33.33             | -74.91             | 427.98            | -33.33            | -74.91            | 427.98           | -143.68                   | 0.32                           |
| 52 | 9/19/2025 8:32  | 9/19/2025 8:32  | 0:00:40               | -34.62             | -73.30             | 428.43            | -36.30            | -71.06            | 429.01           | -143.50                   | 0.50                           |
| 53 | 9/19/2025 8:33  | 9/19/2025 8:35  | 0:01:20               | -38.72             | -67.51             | 429.84            | -41.73            | -62.37            | 430.85           | -141.95                   | 2.05                           |
| 54 | 9/19/2025 8:35  | 9/19/2025 8:35  | 0:00:01               | -43.14             | -59.61             | 431.31            | -43.19            | -59.51            | 431.33           | -143.69                   | 0.31                           |
| 55 | 9/19/2025 15:01 | 9/19/2025 15:04 | 0:03:19               | -45.26             | -77.71             | 429.17            | -38.16            | -64.16            | 425.69           | -141.05                   | 2.95                           |
| 56 | 9/19/2025 15:05 | 9/19/2025 15:06 | 0:01:20               | -36.95             | -62.39             | 425.11            | -33.58            | -57.93            | 423.56           | -141.23                   | 2.77                           |
| 57 | 9/19/2025 15:07 | 9/19/2025 15:07 | 0:00:10               | -31.83             | -55.84             | 422.77            | -31.38            | -55.33            | 422.58           | -143.74                   | 0.26                           |
| 58 | 9/19/2025 16:37 | 9/19/2025 16:37 | 0:00:00               | -37.01             | -86.07             | 425.11            | -37.01            | -86.07            | 425.11           | -143.01                   | 0.99                           |
| 59 | 9/19/2025 16:41 | 9/19/2025 16:42 | 0:01:00               | -28.76             | -76.06             | 421.41            | -25.97            | -73.27            | 420.26           | -143.03                   | 0.97                           |
| 60 | 9/19/2025 16:42 | 9/19/2025 16:42 | 0:00:20               | -24.56             | -71.93             | 419.70            | -23.60            | -71.05            | 419.33           | -143.24                   | 0.76                           |

Table 8 Berthed GN 6Mbps (4M98G1D) PFD Exceedances

|     | Start Time      | Stop Time       | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m <sup>2</sup> /4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|-----------------|-----------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------------------|--------------------------------|
| 61  | 9/19/2025 16:44 | 9/19/2025 16:44 | 0:00:00               | -20.28             | -68.13             | 418.10            | -20.28            | -68.13            | 418.10           | -143.54                               | 0.46                           |
| 62  | 9/19/2025 20:05 | 9/19/2025 20:05 | 0:00:20               | 27.10              | -78.66             | 414.33            | 28.03             | -77.73            | 414.50           | -142.60                               | 1.40                           |
| 63  | 9/19/2025 20:06 | 9/19/2025 20:12 | 0:05:36               | 29.86              | -75.80             | 414.86            | 43.44             | -55.88            | 418.39           | -141.36                               | 2.64                           |
| 64  | 9/19/2025 21:44 | 9/19/2025 21:45 | 0:00:30               | 43.44              | -79.48             | 418.37            | 44.43             | -77.29            | 418.68           | -143.71                               | 0.29                           |
| 65  | 9/19/2025 21:45 | 9/19/2025 21:45 | 0:00:00               | 45.38              | -75.03             | 418.97            | 45.38             | -75.03            | 418.97           | -143.36                               | 0.64                           |
| 66  | 9/19/2025 21:47 | 9/19/2025 21:47 | 0:00:40               | 47.63              | -68.61             | 419.72            | 48.60             | -65.19            | 420.06           | -142.28                               | 1.72                           |
| 67  | 9/19/2025 21:48 | 9/19/2025 21:48 | 0:00:12               | 49.45              | -61.64             | 420.37            | 49.68             | -60.60            | 420.46           | -143.20                               | 0.80                           |
| 68  | 9/19/2025 23:21 | 9/19/2025 23:21 | 0:00:00               | 49.55              | -84.78             | 420.42            | 49.55             | -84.78            | 420.42           | -143.88                               | 0.12                           |
| 69  | 9/19/2025 23:21 | 9/19/2025 23:21 | 0:00:00               | 50.10              | -82.03             | 420.63            | 50.10             | -82.03            | 420.63           | -143.67                               | 0.33                           |
| 70  | 9/19/2025 23:22 | 9/19/2025 23:24 | 0:01:50               | 50.98              | -76.35             | 421.01            | 51.76             | -65.51            | 421.53           | -142.58                               | 1.42                           |
| 71  | 9/20/2025 0:59  | 9/20/2025 1:02  | 0:02:29               | 51.37              | -77.25             | 421.78            | 49.12             | -63.24            | 421.72           | -140.75                               | 3.25                           |
| 72  | 9/20/2025 1:02  | 9/20/2025 1:03  | 0:00:15               | 48.22              | -59.74             | 421.64            | 47.85             | -58.44            | 421.60           | -141.23                               | 2.77                           |
| 73  | 9/20/2025 2:34  | 9/20/2025 2:39  | 0:04:09               | 49.08              | -86.65             | 421.79            | 41.79             | -67.16            | 420.87           | -140.60                               | 3.40                           |
| 74  | 9/20/2025 2:39  | 9/20/2025 2:41  | 0:01:50               | 40.69              | -65.17             | 420.71            | 36.35             | -58.44            | 420.09           | -142.59                               | 1.41                           |
| 75  | 9/20/2025 4:12  | 9/20/2025 4:12  | 0:00:00               | 39.67              | -87.02             | 420.55            | 39.67             | -87.02            | 420.55           | -143.39                               | 0.61                           |
| 76  | 9/20/2025 4:14  | 9/20/2025 4:14  | 0:00:00               | 35.64              | -81.05             | 419.98            | 35.64             | -81.05            | 419.98           | -142.16                               | 1.84                           |
| 77  | 9/20/2025 4:17  | 9/20/2025 4:17  | 0:00:30               | 29.04              | -73.25             | 419.16            | 27.66             | -71.83            | 419.01           | -143.69                               | 0.31                           |
| 78  | 9/20/2025 4:18  | 9/20/2025 4:18  | 0:00:00               | 26.26              | -70.44             | 418.87            | 26.26             | -70.44            | 418.87           | -143.63                               | 0.37                           |
| 79  | 9/20/2025 7:41  | 9/20/2025 7:41  | 0:00:00               | -26.41             | -76.23             | 425.68            | -26.41            | -76.23            | 425.68           | -143.23                               | 0.77                           |
| 80  | 9/20/2025 7:42  | 9/20/2025 7:47  | 0:04:36               | -29.64             | -72.94             | 426.77            | -41.12            | -57.29            | 430.73           | -140.94                               | 3.06                           |
| 81  | 9/20/2025 14:13 | 9/20/2025 14:15 | 0:02:20               | -45.91             | -73.18             | 429.61            | -41.26            | -63.09            | 427.27           | -140.40                               | 3.60                           |
| 82  | 9/20/2025 14:16 | 9/20/2025 14:16 | 0:00:40               | -39.76             | -60.50             | 426.53            | -38.19            | -58.02            | 425.78           | -141.20                               | 2.80                           |
| 83  | 9/20/2025 14:17 | 9/20/2025 14:17 | 0:00:20               | -36.98             | -56.24             | 425.20            | -36.15            | -55.08            | 424.81           | -142.11                               | 1.89                           |
| 84  | 9/20/2025 15:48 | 9/20/2025 15:50 | 0:01:39               | -40.11             | -84.68             | 426.63            | -36.15            | -78.67            | 424.74           | -142.38                               | 1.62                           |
| 85  | 9/20/2025 15:53 | 9/20/2025 15:53 | 0:00:00               | -27.32             | -68.39             | 420.80            | -27.32            | -68.39            | 420.80           | -143.60                               | 0.40                           |
| 86  | 9/20/2025 15:54 | 9/20/2025 15:54 | 0:00:00               | -24.50             | -65.68             | 419.66            | -24.50            | -65.68            | 419.66           | -143.79                               | 0.21                           |
| 87  | 9/20/2025 15:55 | 9/20/2025 15:55 | 0:00:00               | -22.58             | -63.94             | 418.92            | -22.58            | -63.94            | 418.92           | -143.58                               | 0.42                           |
| 88  | 9/20/2025 19:16 | 9/20/2025 19:16 | 0:00:19               | 22.28              | -76.98             | 413.33            | 23.20             | -76.16            | 413.45           | -143.43                               | 0.57                           |
| 89  | 9/20/2025 19:16 | 9/20/2025 19:22 | 0:06:05               | 24.63              | -74.85             | 413.67            | 40.48             | -55.34            | 417.25           | -140.85                               | 3.15                           |
| 90  | 9/20/2025 20:52 | 9/20/2025 20:52 | 0:00:00               | 32.83              | -89.82             | 415.28            | 32.83             | -89.82            | 415.28           | -143.31                               | 0.69                           |
| 91  | 9/20/2025 20:54 | 9/20/2025 20:54 | 0:00:00               | 36.66              | -84.85             | 416.20            | 36.66             | -84.85            | 416.20           | -143.34                               | 0.66                           |
| 92  | 9/20/2025 20:55 | 9/20/2025 20:55 | 0:00:00               | 38.68              | -81.87             | 416.73            | 38.68             | -81.87            | 416.73           | -143.46                               | 0.54                           |
| 93  | 9/20/2025 20:55 | 9/20/2025 20:55 | 0:00:00               | 39.85              | -79.99             | 417.05            | 39.85             | -79.99            | 417.05           | -143.51                               | 0.49                           |
| 94  | 9/20/2025 20:56 | 9/20/2025 20:57 | 0:01:40               | 41.35              | -77.39             | 417.47            | 44.77             | -70.30            | 418.49           | -141.51                               | 2.49                           |
| 95  | 9/20/2025 20:58 | 9/20/2025 20:58 | 0:00:30               | 45.70              | -68.01             | 418.78            | 46.57             | -65.64            | 419.06           | -143.15                               | 0.85                           |
| 96  | 9/20/2025 20:59 | 9/20/2025 21:00 | 0:00:47               | 47.39              | -63.19             | 419.33            | 48.54             | -59.22            | 419.74           | -143.07                               | 0.93                           |
| 97  | 9/20/2025 22:33 | 9/20/2025 22:33 | 0:00:00               | 49.65              | -78.15             | 420.15            | 49.65             | -78.15            | 420.15           | -143.98                               | 0.02                           |
| 98  | 9/20/2025 22:34 | 9/20/2025 22:34 | 0:00:00               | 50.35              | -74.46             | 420.43            | 50.35             | -74.46            | 420.43           | -142.84                               | 1.16                           |
| 99  | 9/20/2025 22:36 | 9/20/2025 22:36 | 0:00:09               | 51.51              | -64.80             | 421.01            | 51.57             | -63.91            | 421.05           | -143.25                               | 0.75                           |
| 100 | 9/21/2025 0:10  | 9/21/2025 0:10  | 0:00:09               | 51.74              | -77.24             | 421.37            | 51.71             | -76.31            | 421.39           | -143.33                               | 0.67                           |
| 101 | 9/21/2025 0:11  | 9/21/2025 0:12  | 0:00:10               | 51.31              | -70.38             | 421.49            | 51.21             | -69.40            | 421.50           | -143.78                               | 0.22                           |
| 102 | 9/21/2025 0:12  | 9/21/2025 0:13  | 0:00:59               | 50.86              | -66.50             | 421.52            | 49.96             | -60.96            | 421.50           | -142.01                               | 1.99                           |
| 103 | 9/21/2025 1:46  | 9/21/2025 1:47  | 0:01:29               | 50.24              | -86.03             | 421.57            | 48.46             | -77.99            | 421.44           | -141.40                               | 2.60                           |
| 104 | 9/21/2025 1:48  | 9/21/2025 1:48  | 0:00:50               | 47.73              | -75.43             | 421.37            | 46.38             | -71.34            | 421.22           | -142.29                               | 1.71                           |
| 105 | 9/21/2025 1:49  | 9/21/2025 1:51  | 0:02:00               | 45.19              | -68.22             | 421.07            | 41.10             | -59.70            | 420.51           | -140.69                               | 3.31                           |
| 106 | 9/21/2025 1:52  | 9/21/2025 1:52  | 0:00:00               | 39.97              | -57.75             | 420.35            | 39.97             | -57.75            | 420.35           | -143.07                               | 0.93                           |
| 107 | 9/21/2025 3:22  | 9/21/2025 3:26  | 0:03:09               | 44.33              | -89.78             | 420.97            | 37.37             | -77.27            | 420.01           | -141.38                               | 2.62                           |
| 108 | 9/21/2025 3:26  | 9/21/2025 3:27  | 0:00:20               | 35.72              | -74.96             | 419.79            | 34.87             | -73.84            | 419.68           | -142.74                               | 1.26                           |
| 109 | 9/21/2025 5:01  | 9/21/2025 5:01  | 0:00:09               | 30.76              | -92.50             | 419.10            | 30.35             | -92.04            | 419.05           | -143.70                               | 0.30                           |
| 110 | 9/21/2025 5:02  | 9/21/2025 5:03  | 0:00:41               | 27.60              | -89.15             | 418.77            | 25.68             | -87.26            | 418.60           | -143.41                               | 0.59                           |
| 111 | 9/21/2025 6:52  | 9/21/2025 6:58  | 0:05:37               | -23.50             | -72.77             | 424.75            | -38.39            | -55.62            | 429.86           | -141.20                               | 2.80                           |
| 112 | 9/21/2025 8:29  | 9/21/2025 8:29  | 0:00:00               | -34.33             | -84.86             | 428.45            | -34.33            | -84.86            | 428.45           | -143.94                               | 0.06                           |
| 113 | 9/21/2025 8:31  | 9/21/2025 8:31  | 0:00:20               | -39.62             | -77.26             | 430.30            | -40.38            | -75.99            | 430.56           | -143.15                               | 0.85                           |
| 114 | 9/21/2025 8:34  | 9/21/2025 8:34  | 0:00:00               | -44.89             | -66.93             | 432.05            | -44.89            | -66.93            | 432.05           | -142.87                               | 1.13                           |
| 115 | 9/21/2025 13:25 | 9/21/2025 13:25 | 0:00:19               | -46.28             | -67.98             | 429.95            | -45.71            | -66.46            | 429.65           | -142.57                               | 1.43                           |
| 116 | 9/21/2025 13:26 | 9/21/2025 13:27 | 0:00:44               | -43.48             | -61.24             | 428.51            | -41.94            | -58.16            | 427.73           | -141.13                               | 2.87                           |
| 117 | 9/21/2025 15:00 | 9/21/2025 15:04 | 0:04:09               | -42.42             | -82.66             | 427.88            | -32.44            | -67.75            | 423.10           | -141.64                               | 2.36                           |
| 118 | 9/21/2025 15:05 | 9/21/2025 15:05 | 0:00:00               | -29.30             | -64.24             | 421.71            | -29.30            | -64.24            | 421.71           | -143.97                               | 0.03                           |
| 119 | 9/21/2025 18:28 | 9/21/2025 18:32 | 0:04:00               | 22.88              | -70.24             | 413.21            | 33.88             | -58.74            | 415.29           | -141.15                               | 2.85                           |
| 120 | 9/21/2025 18:32 | 9/21/2025 18:33 | 0:00:22               | 35.17              | -57.10             | 415.60            | 36.09             | -55.87            | 415.83           | -141.39                               | 2.61                           |

Table 8 Berthed GN 6Mbps (4M98G1D) PFD Exceedances

|     | Start Time      | Stop Time       | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m^2/4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|-----------------|-----------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------|--------------------------------|
| 121 | 9/21/2025 20:06 | 9/21/2025 20:07 | 0:00:50               | 37.12              | -78.00             | 416.09            | 39.12             | -74.97            | 416.61           | -141.75                   | 2.25                           |
| 122 | 9/21/2025 20:08 | 9/21/2025 20:11 | 0:03:18               | 40.65              | -72.42             | 417.03            | 47.10             | -57.89            | 418.98           | -140.45                   | 3.55                           |
| 123 | 9/21/2025 21:43 | 9/21/2025 21:43 | 0:00:00               | 45.92              | -84.82             | 418.61            | 45.92             | -84.82            | 418.61           | -143.72                   | 0.28                           |
| 124 | 9/21/2025 21:45 | 9/21/2025 21:45 | 0:00:00               | 48.78              | -75.68             | 419.57            | 48.78             | -75.68            | 419.57           | -143.54                   | 0.46                           |
| 125 | 9/21/2025 21:45 | 9/21/2025 21:45 | 0:00:00               | 49.42              | -73.01             | 419.80            | 49.42             | -73.01            | 419.80           | -143.33                   | 0.67                           |
| 126 | 9/21/2025 21:46 | 9/21/2025 21:47 | 0:01:00               | 50.15              | -69.35             | 420.09            | 51.01             | -63.65            | 420.46           | -142.22                   | 1.78                           |
| 127 | 9/21/2025 23:21 | 9/21/2025 23:24 | 0:02:10               | 51.75              | -77.23             | 420.91            | 51.32             | -64.33            | 421.22           | -142.60                   | 1.40                           |
| 128 | 9/22/2025 0:57  | 9/22/2025 0:57  | 0:00:06               | 50.92              | -84.32             | 421.28            | 50.84             | -83.71            | 421.29           | -143.37                   | 0.63                           |
| 129 | 9/22/2025 0:58  | 9/22/2025 1:02  | 0:04:20               | 50.45              | -81.05             | 421.28            | 43.99             | -59.22            | 420.63           | -140.53                   | 3.47                           |
| 130 | 9/22/2025 1:02  | 9/22/2025 1:03  | 0:00:20               | 42.97              | -57.07             | 420.49            | 42.27             | -55.68            | 420.40           | -143.47                   | 0.53                           |
| 131 | 9/22/2025 2:33  | 9/22/2025 2:38  | 0:04:10               | 46.46              | -88.96             | 420.98            | 37.74             | -71.62            | 419.82           | -141.59                   | 2.41                           |
| 132 | 9/22/2025 4:13  | 9/22/2025 4:13  | 0:00:20               | 31.70              | -87.36             | 419.00            | 30.80             | -86.35            | 418.90           | -143.51                   | 0.49                           |
| 133 | 9/22/2025 4:15  | 9/22/2025 4:15  | 0:00:00               | 26.21              | -81.58             | 418.45            | 26.21             | -81.58            | 418.45           | -143.99                   | 0.01                           |
| 134 | 9/22/2025 4:15  | 9/22/2025 4:16  | 0:00:53               | 24.79              | -80.23             | 418.33            | 22.26             | -77.92            | 418.16           | -143.27                   | 0.73                           |
| 135 | 9/22/2025 6:03  | 9/22/2025 6:08  | 0:05:06               | -20.46             | -69.24             | 423.73            | -34.54            | -54.81            | 428.49           | -141.41                   | 2.59                           |
| 136 | 9/22/2025 7:44  | 9/22/2025 7:44  | 0:00:20               | -41.57             | -67.68             | 431.01            | -42.28            | -66.32            | 431.26           | -142.81                   | 1.19                           |
| 137 | 9/22/2025 7:45  | 9/22/2025 7:45  | 0:00:00               | -43.99             | -62.79             | 431.82            | -43.99            | -62.79            | 431.82           | -143.97                   | 0.03                           |
| 138 | 9/22/2025 14:11 | 9/22/2025 14:15 | 0:04:30               | -44.18             | -80.14             | 428.87            | -33.82            | -63.21            | 423.81           | -141.48                   | 2.52                           |
| 139 | 9/22/2025 14:16 | 9/22/2025 14:16 | 0:00:10               | -32.51             | -61.62             | 423.21            | -32.07            | -61.11            | 423.01           | -143.54                   | 0.46                           |
| 140 | 9/22/2025 15:50 | 9/22/2025 15:50 | 0:00:10               | -28.12             | -80.39             | 421.24            | -27.66            | -79.92            | 421.04           | -143.58                   | 0.42                           |
| 141 | 9/22/2025 15:51 | 9/22/2025 15:53 | 0:01:55               | -25.79             | -78.08             | 420.26            | -20.27            | -73.11            | 418.11           | -142.54                   | 1.46                           |
| 142 | 9/22/2025 19:17 | 9/22/2025 19:22 | 0:05:10               | 33.53              | -76.56             | 415.06            | 45.27             | -56.69            | 418.20           | -140.55                   | 3.45                           |
| 143 | 9/22/2025 20:52 | 9/22/2025 20:53 | 0:00:20               | 40.24              | -90.52             | 416.76            | 40.99             | -89.21            | 416.96           | -143.84                   | 0.16                           |
| 144 | 9/22/2025 20:56 | 9/22/2025 20:56 | 0:00:00               | 46.58              | -76.80             | 418.62            | 46.58             | -76.80            | 418.62           | -143.68                   | 0.32                           |
| 145 | 9/22/2025 20:56 | 9/22/2025 20:56 | 0:00:00               | 47.40              | -74.35             | 418.88            | 47.40             | -74.35            | 418.88           | -143.97                   | 0.03                           |
| 146 | 9/22/2025 20:57 | 9/22/2025 20:57 | 0:00:50               | 48.15              | -71.82             | 419.13            | 49.27             | -67.44            | 419.53           | -142.49                   | 1.51                           |
| 147 | 9/22/2025 20:58 | 9/22/2025 20:58 | 0:00:00               | 50.36              | -61.94             | 419.95            | 50.36             | -61.94            | 419.95           | -143.98                   | 0.02                           |
| 148 | 9/22/2025 22:33 | 9/22/2025 22:33 | 0:00:00               | 51.48              | -76.32             | 420.47            | 51.48             | -76.32            | 420.47           | -142.96                   | 1.04                           |
| 149 | 9/22/2025 22:33 | 9/22/2025 22:33 | 0:00:00               | 51.66              | -73.35             | 420.60            | 51.66             | -73.35            | 420.60           | -143.31                   | 0.69                           |
| 150 | 9/23/2025 0:09  | 9/23/2025 0:09  | 0:00:00               | 50.92              | -78.12             | 421.01            | 50.92             | -78.12            | 421.01           | -143.64                   | 0.36                           |
| 151 | 9/23/2025 0:10  | 9/23/2025 0:13  | 0:03:20               | 50.52              | -75.31             | 421.01            | 46.01             | -57.93            | 420.61           | -141.70                   | 2.30                           |
| 152 | 9/23/2025 1:45  | 9/23/2025 1:49  | 0:04:40               | 48.16              | -88.09             | 420.91            | 39.12             | -67.53            | 419.75           | -140.99                   | 3.01                           |
| 153 | 9/23/2025 1:50  | 9/23/2025 1:50  | 0:00:10               | 37.53              | -65.10             | 419.54            | 37.13             | -64.51            | 419.49           | -143.08                   | 0.92                           |
| 154 | 9/23/2025 1:51  | 9/23/2025 1:51  | 0:00:20               | 35.05              | -61.66             | 419.22            | 34.19             | -60.56            | 419.11           | -143.40                   | 0.60                           |
| 155 | 9/23/2025 1:52  | 9/23/2025 1:52  | 0:00:00               | 31.80              | -57.68             | 418.82            | 31.80             | -57.68            | 418.82           | -143.71                   | 0.29                           |
| 156 | 9/23/2025 3:24  | 9/23/2025 3:26  | 0:01:10               | 33.01              | -82.69             | 418.94            | 29.89             | -79.13            | 418.59           | -143.01                   | 0.99                           |
| 157 | 9/23/2025 3:27  | 9/23/2025 3:28  | 0:01:19               | 26.19              | -75.35             | 418.24            | 22.43             | -71.86            | 417.98           | -143.66                   | 0.34                           |
| 158 | 9/23/2025 5:17  | 9/23/2025 5:18  | 0:00:59               | -23.77             | -60.12             | 424.69            | -26.56            | -57.48            | 425.63           | -141.32                   | 2.68                           |
| 159 | 9/23/2025 6:54  | 9/23/2025 6:55  | 0:01:00               | -35.30             | -71.20             | 428.81            | -37.76            | -67.74            | 429.69           | -142.75                   | 1.25                           |
| 160 | 9/23/2025 6:56  | 9/23/2025 6:57  | 0:01:15               | -40.11             | -64.04             | 430.52            | -42.83            | -59.03            | 431.46           | -142.44                   | 1.56                           |
| 161 | 9/23/2025 8:30  | 9/23/2025 8:31  | 0:01:28               | -43.25             | -81.74             | 431.56            | -46.03            | -75.21            | 432.46           | -141.19                   | 2.81                           |
| 162 | 9/23/2025 13:22 | 9/23/2025 13:23 | 0:00:49               | -45.49             | -77.06             | 429.61            | -43.93            | -73.38            | 428.80           | -142.51                   | 1.49                           |
| 163 | 9/23/2025 13:26 | 9/23/2025 13:26 | 0:00:00               | -36.43             | -60.44             | 425.09            | -36.43            | -60.44            | 425.09           | -143.73                   | 0.27                           |
| 164 | 9/23/2025 13:27 | 9/23/2025 13:28 | 0:00:50               | -35.18             | -58.74             | 424.50            | -33.03            | -56.04            | 423.49           | -143.34                   | 0.66                           |
| 165 | 9/23/2025 14:59 | 9/23/2025 15:04 | 0:04:50               | -36.91             | -84.69             | 425.28            | -23.94            | -70.13            | 419.52           | -140.96                   | 3.04                           |
| 166 | 9/23/2025 18:25 | 9/23/2025 18:26 | 0:01:10               | 23.04              | -81.26             | 413.01            | 26.35             | -78.18            | 413.49           | -143.49                   | 0.51                           |
| 167 | 9/23/2025 18:27 | 9/23/2025 18:28 | 0:00:50               | 29.13              | -75.36             | 413.97            | 31.39             | -72.88            | 414.41           | -143.23                   | 0.77                           |
| 168 | 9/23/2025 18:30 | 9/23/2025 18:30 | 0:00:00               | 36.14              | -66.96             | 415.48            | 36.14             | -66.96            | 415.48           | -143.40                   | 0.60                           |
| 169 | 9/23/2025 18:31 | 9/23/2025 18:31 | 0:00:10               | 38.58              | -63.40             | 416.10            | 38.97             | -62.79            | 416.20           | -142.92                   | 1.08                           |
| 170 | 9/23/2025 18:32 | 9/23/2025 18:32 | 0:00:00               | 41.62              | -58.27             | 416.93            | 41.62             | -58.27            | 416.93           | -143.87                   | 0.13                           |
| 171 | 9/23/2025 18:33 | 9/23/2025 18:33 | 0:00:06               | 42.69              | -56.21             | 417.23            | 42.91             | -55.75            | 417.30           | -143.61                   | 0.39                           |
| 172 | 9/23/2025 20:04 | 9/23/2025 20:05 | 0:01:10               | 39.53              | -85.48             | 416.35            | 42.14             | -80.88            | 417.06           | -141.57                   | 2.43                           |
| 173 | 9/23/2025 20:06 | 9/23/2025 20:10 | 0:03:48               | 43.18              | -78.79             | 417.35            | 49.47             | -60.36            | 419.36           | -140.38                   | 3.62                           |
| 174 | 9/23/2025 21:42 | 9/23/2025 21:42 | 0:00:30               | 48.70              | -87.19             | 419.09            | 49.33             | -84.55            | 419.31           | -141.66                   | 2.34                           |
| 175 | 9/23/2025 21:44 | 9/23/2025 21:46 | 0:01:30               | 51.19              | -73.28             | 420.07            | 51.76             | -64.40            | 420.47           | -141.45                   | 2.55                           |
| 176 | 9/23/2025 23:21 | 9/23/2025 23:21 | 0:00:00               | 51.39              | -76.27             | 420.71            | 51.39             | -76.27            | 420.71           | -143.96                   | 0.04                           |
| 177 | 9/23/2025 23:21 | 9/23/2025 23:22 | 0:00:40               | 50.98              | -72.37             | 420.74            | 50.43             | -68.56            | 420.74           | -142.93                   | 1.07                           |
| 178 | 9/23/2025 23:23 | 9/23/2025 23:23 | 0:00:00               | 49.75              | -64.85             | 420.71            | 49.75             | -64.85            | 420.71           | -143.80                   | 0.20                           |
| 179 | 9/24/2025 0:56  | 9/24/2025 0:56  | 0:00:10               | 49.37              | -86.64             | 420.76            | 49.17             | -85.77            | 420.74           | -143.79                   | 0.21                           |
| 180 | 9/24/2025 0:57  | 9/24/2025 0:57  | 0:00:20               | 48.27              | -82.27             | 420.66            | 47.78             | -80.57            | 420.62           | -143.12                   | 0.88                           |

Table 8 Berthed GN 6Mbps (4M98G1D) PFD Exceedances

|     | Start Time      | Stop Time       | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m^2/4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|-----------------|-----------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------|--------------------------------|
| 181 | 9/24/2025 0:57  | 9/24/2025 0:57  | 0:00:00               | 46.99              | -78.08             | 420.53            | 46.99             | -78.08            | 420.53           | -143.23                   | 0.77                           |
| 182 | 9/24/2025 2:33  | 9/24/2025 2:38  | 0:04:49               | 42.43              | -90.74             | 419.94            | 30.65             | -73.75            | 418.48           | -141.89                   | 2.11                           |
| 183 | 9/24/2025 2:39  | 9/24/2025 2:39  | 0:00:20               | 27.45              | -70.38             | 418.16            | 26.52             | -69.45            | 418.08           | -143.30                   | 0.70                           |
| 184 | 9/24/2025 6:05  | 9/24/2025 6:06  | 0:00:50               | -34.08             | -66.55             | 428.39            | -36.19            | -63.78            | 429.15           | -143.62                   | 0.38                           |
| 185 | 9/24/2025 6:07  | 9/24/2025 6:08  | 0:01:23               | -37.42             | -62.04             | 429.60            | -40.64            | -56.91            | 430.75           | -142.93                   | 1.07                           |
| 186 | 9/24/2025 7:39  | 9/24/2025 7:41  | 0:01:50               | -37.04             | -86.17             | 429.44            | -41.29            | -79.34            | 430.95           | -141.05                   | 2.95                           |
| 187 | 9/24/2025 7:42  | 9/24/2025 7:43  | 0:01:30               | -42.37             | -77.32             | 431.33            | -45.33            | -70.80            | 432.32           | -141.63                   | 2.37                           |
| 188 | 9/24/2025 12:38 | 9/24/2025 12:38 | 0:00:39               | -38.78             | -57.68             | 426.33            | -37.20            | -55.31            | 425.56           | -143.21                   | 0.79                           |
| 189 | 9/24/2025 14:10 | 9/24/2025 14:14 | 0:04:40               | -40.63             | -84.32             | 427.17            | -28.86            | -68.72            | 421.61           | -140.59                   | 3.41                           |
| 190 | 9/24/2025 17:37 | 9/24/2025 17:38 | 0:01:00               | 22.69              | -75.36             | 412.76            | 25.55             | -72.72            | 413.15           | -142.92                   | 1.08                           |
| 191 | 9/24/2025 17:39 | 9/24/2025 17:40 | 0:01:40               | 26.96              | -71.35             | 413.37            | 31.53             | -66.50            | 414.22           | -142.45                   | 1.55                           |
| 192 | 9/24/2025 17:43 | 9/24/2025 17:43 | 0:00:00               | 38.31              | -57.60             | 415.79            | 38.31             | -57.60            | 415.79           | -143.16                   | 0.84                           |
| 193 | 9/24/2025 19:13 | 9/24/2025 19:13 | 0:00:00               | 31.77              | -89.81             | 414.30            | 31.77             | -89.81            | 414.30           | -143.35                   | 0.65                           |
| 194 | 9/24/2025 19:15 | 9/24/2025 19:15 | 0:00:00               | 35.24              | -85.54             | 415.04            | 35.24             | -85.54            | 415.04           | -143.64                   | 0.36                           |
| 195 | 9/24/2025 19:15 | 9/24/2025 19:21 | 0:05:39               | 36.91              | -83.25             | 415.43            | 48.27             | -58.97            | 418.64           | -140.90                   | 3.10                           |
| 196 | 9/24/2025 20:52 | 9/24/2025 20:53 | 0:00:19               | 46.15              | -89.16             | 417.98            | 46.70             | -87.60            | 418.15           | -141.59                   | 2.41                           |
| 197 | 9/24/2025 20:53 | 9/24/2025 20:57 | 0:03:52               | 47.51              | -85.14             | 418.41            | 51.49             | -63.80            | 419.94           | -140.57                   | 3.43                           |
| 198 | 9/24/2025 22:32 | 9/24/2025 22:32 | 0:00:00               | 51.77              | -77.23             | 420.28            | 51.77             | -77.23            | 420.28           | -143.27                   | 0.73                           |
| 199 | 9/24/2025 22:33 | 9/24/2025 22:33 | 0:00:00               | 51.13              | -67.36             | 420.44            | 51.13             | -67.36            | 420.44           | -141.93                   | 2.07                           |
| 200 | 9/25/2025 0:07  | 9/25/2025 0:07  | 0:00:19               | 50.39              | -85.63             | 420.50            | 50.07             | -83.86            | 420.49           | -143.45                   | 0.55                           |
| 201 | 9/25/2025 0:08  | 9/25/2025 0:08  | 0:00:20               | 49.11              | -79.31             | 420.43            | 48.68             | -77.55            | 420.40           | -143.50                   | 0.50                           |
| 202 | 9/25/2025 0:09  | 9/25/2025 0:09  | 0:00:20               | 47.97              | -74.97             | 420.33            | 47.46             | -73.29            | 420.28           | -142.88                   | 1.12                           |
| 203 | 9/25/2025 0:10  | 9/25/2025 0:10  | 0:00:00               | 46.65              | -70.84             | 420.19            | 46.65             | -70.84            | 420.19           | -143.97                   | 0.03                           |
| 204 | 9/25/2025 0:11  | 9/25/2025 0:11  | 0:00:00               | 44.54              | -65.41             | 419.94            | 44.54             | -65.41            | 419.94           | -143.69                   | 0.31                           |
| 205 | 9/25/2025 1:44  | 9/25/2025 1:48  | 0:04:10               | 44.73              | -89.46             | 419.99            | 35.38             | -73.24            | 418.79           | -140.55                   | 3.45                           |
| 206 | 9/25/2025 1:49  | 9/25/2025 1:49  | 0:00:10               | 33.23              | -70.52             | 418.54            | 32.80             | -70.00            | 418.49           | -142.57                   | 1.43                           |
| 207 | 9/25/2025 1:51  | 9/25/2025 1:51  | 0:00:00               | 26.21              | -62.93             | 417.85            | 26.21             | -62.93            | 417.85           | -144.00                   | 0.00                           |
| 208 | 9/25/2025 3:22  | 9/25/2025 3:25  | 0:02:37               | 31.44              | -91.99             | 418.27            | 24.19             | -84.61            | 417.66           | -141.65                   | 2.35                           |
| 209 | 9/25/2025 5:12  | 9/25/2025 5:13  | 0:00:09               | -20.37             | -74.25             | 423.59            | -20.81            | -73.88            | 423.74           | -143.95                   | 0.05                           |
| 210 | 9/25/2025 5:13  | 9/25/2025 5:15  | 0:01:50               | -22.74             | -72.19             | 424.37            | -27.92            | -67.26            | 426.16           | -143.40                   | 0.60                           |
| 211 | 9/25/2025 5:16  | 9/25/2025 5:16  | 0:00:00               | -30.20             | -64.86             | 426.97            | -30.20            | -64.86            | 426.97           | -143.91                   | 0.09                           |
| 212 | 9/25/2025 5:18  | 9/25/2025 5:18  | 0:00:00               | -34.59             | -59.68             | 428.58            | -34.59            | -59.68            | 428.58           | -143.83                   | 0.17                           |
| 213 | 9/25/2025 5:18  | 9/25/2025 5:18  | 0:00:00               | -36.68             | -56.87             | 429.34            | -36.68            | -56.87            | 429.34           | -143.69                   | 0.31                           |
| 214 | 9/25/2025 6:49  | 9/25/2025 6:50  | 0:00:19               | -32.09             | -86.32             | 427.69            | -32.93            | -85.32            | 427.99           | -143.99                   | 0.01                           |
| 215 | 9/25/2025 6:50  | 9/25/2025 6:52  | 0:01:20               | -34.66             | -83.18             | 428.62            | -37.96            | -78.60            | 429.83           | -140.83                   | 3.17                           |
| 216 | 9/25/2025 6:52  | 9/25/2025 6:55  | 0:03:03               | -39.14             | -76.77             | 430.26            | -45.51            | -64.13            | 432.46           | -140.87                   | 3.13                           |
| 217 | 9/25/2025 13:21 | 9/25/2025 13:22 | 0:01:29               | -42.82             | -82.19             | 428.40            | -39.56            | -76.28            | 426.76           | -142.32                   | 1.68                           |
| 218 | 9/25/2025 13:23 | 9/25/2025 13:23 | 0:00:00               | -37.99             | -73.82             | 425.98            | -37.99            | -73.82            | 425.98           | -143.75                   | 0.25                           |
| 219 | 9/25/2025 13:24 | 9/25/2025 13:25 | 0:01:00               | -35.95             | -70.91             | 424.98            | -33.39            | -67.62            | 423.77           | -143.27                   | 0.73                           |
| 220 | 9/25/2025 13:27 | 9/25/2025 13:27 | 0:00:00               | -26.15             | -59.77             | 420.52            | -26.15            | -59.77            | 420.52           | -143.46                   | 0.54                           |
| 221 | 9/25/2025 15:00 | 9/25/2025 15:01 | 0:00:50               | -26.38             | -83.58             | 420.61            | -24.04            | -81.37            | 419.64           | -141.34                   | 2.66                           |
| 222 | 9/25/2025 16:50 | 9/25/2025 16:51 | 0:01:19               | 23.43              | -68.47             | 412.71            | 27.18             | -64.91            | 413.25           | -143.57                   | 0.43                           |
| 223 | 9/25/2025 16:52 | 9/25/2025 16:53 | 0:00:40               | 29.94              | -62.04             | 413.74            | 31.74             | -60.03            | 414.09           | -142.55                   | 1.45                           |
| 224 | 9/25/2025 18:28 | 9/25/2025 18:32 | 0:04:23               | 37.73              | -75.84             | 422.32            | 46.82             | -57.45            | 425.04           | -141.23                   | 2.77                           |
| 225 | 9/25/2025 20:03 | 9/25/2025 20:03 | 0:00:20               | 43.15              | -90.01             | 423.92            | 43.83             | -88.58            | 424.12           | -142.17                   | 1.83                           |
| 226 | 9/25/2025 20:04 | 9/25/2025 20:05 | 0:00:50               | 44.80              | -86.37             | 424.42            | 46.31             | -82.51            | 424.89           | -141.13                   | 2.87                           |
| 227 | 9/25/2025 20:06 | 9/25/2025 20:06 | 0:00:10               | 47.67              | -78.43             | 425.33            | 47.92             | -77.59            | 425.41           | -143.14                   | 0.86                           |
| 228 | 9/25/2025 20:06 | 9/25/2025 20:06 | 0:00:00               | 48.63              | -75.02             | 425.65            | 48.63             | -75.02            | 425.65           | -143.64                   | 0.36                           |
| 229 | 9/25/2025 20:07 | 9/25/2025 20:08 | 0:01:47               | 49.28              | -72.37             | 425.87            | 51.01             | -62.44            | 426.50           | -141.27                   | 2.73                           |
| 230 | 9/25/2025 21:43 | 9/25/2025 21:44 | 0:01:10               | 51.77              | -75.35             | 426.86            | 51.68             | -68.37            | 426.97           | -142.23                   | 1.77                           |
| 231 | 9/25/2025 21:45 | 9/25/2025 21:45 | 0:00:24               | 51.51              | -65.40             | 426.98            | 51.31             | -63.02            | 426.97           | -143.10                   | 0.90                           |
| 232 | 9/25/2025 23:19 | 9/25/2025 23:19 | 0:00:00               | 50.61              | -80.88             | 426.93            | 50.61             | -80.88            | 426.93           | -143.92                   | 0.08                           |
| 233 | 9/25/2025 23:20 | 9/25/2025 23:20 | 0:00:00               | 49.21              | -73.58             | 426.71            | 49.21             | -73.58            | 426.71           | -142.96                   | 1.04                           |
| 234 | 9/25/2025 23:21 | 9/25/2025 23:22 | 0:00:40               | 48.56              | -70.94             | 426.59            | 47.58             | -67.53            | 426.41           | -143.11                   | 0.89                           |
| 235 | 9/25/2025 23:24 | 9/25/2025 23:24 | 0:00:00               | 43.72              | -57.43             | 425.63            | 43.72             | -57.43            | 425.63           | -142.21                   | 1.79                           |
| 236 | 9/26/2025 0:55  | 9/26/2025 0:57  | 0:01:39               | 46.82              | -88.77             | 426.31            | 43.78             | -81.16            | 425.69           | -142.28                   | 1.72                           |
| 237 | 9/26/2025 0:57  | 9/26/2025 0:59  | 0:01:30               | 42.76              | -79.03             | 425.48            | 39.45             | -73.07            | 424.79           | -142.25                   | 1.75                           |
| 238 | 9/26/2025 1:00  | 9/26/2025 1:00  | 0:00:00               | 36.66              | -68.86             | 424.21            | 36.66             | -68.86            | 424.21           | -143.15                   | 0.85                           |
| 239 | 9/26/2025 2:33  | 9/26/2025 2:38  | 0:05:09               | 36.20              | -91.82             | 424.07            | 22.20             | -76.69            | 421.74           | -141.65                   | 2.35                           |
| 240 | 9/26/2025 4:25  | 9/26/2025 4:26  | 0:00:20               | -21.51             | -67.17             | 425.20            | -22.48            | -66.32            | 425.47           | -143.78                   | 0.22                           |

Table 8 Berthed GN 6Mbps (4M98G1D) PFD Exceedances

|     | Start Time      | Stop Time       | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m <sup>2</sup> /4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|-----------------|-----------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------------------|--------------------------------|
| 241 | 9/26/2025 4:27  | 9/26/2025 4:28  | 0:00:30               | -27.21             | -61.89             | 426.85            | -28.59            | -60.48            | 427.28           | -142.78                               | 1.22                           |
| 242 | 9/26/2025 6:02  | 9/26/2025 6:07  | 0:05:04               | -32.41             | -79.86             | 428.57            | -44.23            | -61.11            | 432.45           | -141.21                               | 2.79                           |
| 243 | 9/26/2025 12:33 | 9/26/2025 12:33 | 0:00:09               | -44.45             | -79.69             | 430.54            | -44.16            | -79.02            | 430.41           | -143.55                               | 0.45                           |
| 244 | 9/26/2025 12:34 | 9/26/2025 12:34 | 0:00:10               | -41.75             | -74.10             | 429.37            | -41.39            | -73.43            | 429.22           | -143.34                               | 0.66                           |
| 245 | 9/26/2025 12:38 | 9/26/2025 12:38 | 0:00:00               | -32.91             | -61.02             | 425.73            | -32.91            | -61.02            | 425.73           | -143.93                               | 0.07                           |
| 246 | 9/26/2025 12:39 | 9/26/2025 12:39 | 0:00:00               | -31.14             | -58.96             | 425.05            | -31.14            | -58.96            | 425.05           | -143.51                               | 0.49                           |
| 247 | 9/26/2025 14:10 | 9/26/2025 14:11 | 0:01:10               | -34.40             | -86.47             | 426.29            | -31.35            | -82.81            | 425.10           | -141.70                               | 2.30                           |
| 248 | 9/26/2025 14:12 | 9/26/2025 14:15 | 0:03:21               | -29.55             | -80.82             | 424.42            | -20.07            | -71.88            | 421.22           | -141.64                               | 2.36                           |
| 249 | 9/26/2025 17:37 | 9/26/2025 17:37 | 0:00:10               | 28.16              | -81.55             | 419.72            | 28.62             | -81.08            | 419.82           | -143.62                               | 0.38                           |
| 250 | 9/26/2025 17:41 | 9/26/2025 17:41 | 0:00:00               | 38.13              | -69.29             | 422.22            | 38.13             | -69.29            | 422.22           | -143.74                               | 0.26                           |
| 251 | 9/26/2025 17:42 | 9/26/2025 17:42 | 0:00:00               | 39.31              | -67.45             | 422.55            | 39.31             | -67.45            | 422.55           | -143.67                               | 0.33                           |
| 252 | 9/26/2025 17:42 | 9/26/2025 17:44 | 0:02:01               | 40.83              | -64.89             | 423.00            | 45.00             | -56.34            | 424.28           | -140.99                               | 3.01                           |
| 253 | 9/26/2025 19:15 | 9/26/2025 19:15 | 0:00:00               | 39.62              | -90.54             | 422.67            | 39.62             | -90.54            | 422.67           | -143.01                               | 0.99                           |
| 254 | 9/26/2025 19:15 | 9/26/2025 19:16 | 0:01:10               | 40.76              | -88.62             | 423.00            | 43.26             | -83.84            | 423.74           | -141.10                               | 2.90                           |
| 255 | 9/26/2025 19:17 | 9/26/2025 19:21 | 0:04:03               | 44.26              | -81.68             | 424.05            | 50.31             | -61.26            | 426.05           | -140.40                               | 3.60                           |
| 256 | 9/26/2025 20:54 | 9/26/2025 20:54 | 0:00:18               | 50.28              | -85.06             | 426.03            | 50.56             | -83.33            | 426.14           | -142.41                               | 1.59                           |
| 257 | 9/26/2025 20:55 | 9/26/2025 20:56 | 0:00:50               | 51.31              | -77.27             | 426.46            | 51.66             | -72.37            | 426.64           | -141.42                               | 2.58                           |
| 258 | 9/26/2025 20:56 | 9/26/2025 20:57 | 0:00:54               | 51.77              | -69.39             | 426.72            | 51.74             | -63.95            | 426.82           | -142.50                               | 1.50                           |
| 259 | 9/26/2025 22:32 | 9/26/2025 22:32 | 0:00:00               | 51.04              | -78.13             | 426.82            | 51.04             | -78.13            | 426.82           | -143.99                               | 0.01                           |
| 260 | 9/26/2025 22:33 | 9/26/2025 22:34 | 0:00:20               | 49.49              | -68.86             | 426.61            | 49.08             | -67.07            | 426.54           | -142.93                               | 1.07                           |
| 261 | 9/26/2025 22:35 | 9/26/2025 22:36 | 0:00:20               | 46.89              | -59.42             | 426.14            | 46.32             | -57.82            | 426.03           | -143.57                               | 0.43                           |
| 262 | 9/27/2025 0:07  | 9/27/2025 0:08  | 0:00:40               | 48.40              | -87.99             | 426.49            | 47.41             | -84.65            | 426.31           | -143.12                               | 0.88                           |
| 263 | 9/27/2025 0:08  | 9/27/2025 0:10  | 0:01:50               | 46.32              | -81.40             | 426.10            | 42.82             | -73.19            | 425.40           | -142.73                               | 1.27                           |
| 264 | 9/27/2025 0:12  | 9/27/2025 0:12  | 0:00:00               | 38.74              | -65.98             | 424.56            | 38.74             | -65.98            | 424.56           | -143.86                               | 0.14                           |
| 265 | 9/27/2025 1:45  | 9/27/2025 1:50  | 0:04:49               | 39.05              | -90.08             | 424.60            | 26.50             | -74.73            | 422.33           | -141.46                               | 2.54                           |
| 266 | 9/27/2025 1:50  | 9/27/2025 1:50  | 0:00:00               | 25.09              | -73.37             | 422.12            | 25.09             | -73.37            | 422.12           | -143.49                               | 0.51                           |
| 267 | 9/27/2025 5:15  | 9/27/2025 5:20  | 0:04:17               | -32.31             | -74.03             | 428.62            | -42.56            | -58.68            | 431.98           | -141.50                               | 2.50                           |
| 268 | 9/27/2025 6:53  | 9/27/2025 6:55  | 0:01:21               | -43.83             | -79.63             | 432.35            | -46.33            | -73.52            | 433.12           | -142.09                               | 1.91                           |
| 269 | 9/27/2025 11:46 | 9/27/2025 11:46 | 0:00:00               | -44.74             | -74.39             | 430.62            | -44.74            | -74.39            | 430.62           | -143.52                               | 0.48                           |
| 270 | 9/27/2025 11:47 | 9/27/2025 11:47 | 0:00:00               | -43.43             | -71.47             | 430.04            | -43.43            | -71.47            | 430.04           | -143.53                               | 0.47                           |
| 271 | 9/27/2025 11:47 | 9/27/2025 11:47 | 0:00:00               | -42.39             | -69.37             | 429.59            | -42.39            | -69.37            | 429.59           | -143.42                               | 0.58                           |
| 272 | 9/27/2025 13:22 | 9/27/2025 13:27 | 0:04:59               | -38.17             | -85.74             | 427.72            | -25.00            | -70.31            | 422.64           | -141.80                               | 2.20                           |
| 273 | 9/27/2025 13:28 | 9/27/2025 13:28 | 0:00:10               | -23.10             | -68.56             | 422.00            | -22.62            | -68.13            | 421.84           | -143.31                               | 0.69                           |
| 274 | 9/27/2025 16:49 | 9/27/2025 16:49 | 0:00:00               | 23.23              | -80.32             | 418.48            | 23.23             | -80.32            | 418.48           | -143.42                               | 0.58                           |
| 275 | 9/27/2025 16:49 | 9/27/2025 16:49 | 0:00:00               | 24.66              | -79.01             | 418.74            | 24.66             | -79.01            | 418.74           | -143.67                               | 0.33                           |
| 276 | 9/27/2025 16:50 | 9/27/2025 16:50 | 0:00:00               | 27.02              | -76.75             | 419.20            | 27.02             | -76.75            | 419.20           | -143.76                               | 0.24                           |
| 277 | 9/27/2025 16:51 | 9/27/2025 16:51 | 0:00:40               | 28.41              | -75.34             | 419.50            | 30.23             | -73.40            | 419.91           | -143.20                               | 0.80                           |
| 278 | 9/27/2025 16:52 | 9/27/2025 16:52 | 0:00:20               | 31.58              | -71.90             | 420.24            | 32.46             | -70.87            | 420.45           | -143.84                               | 0.16                           |
| 279 | 9/27/2025 16:56 | 9/27/2025 16:56 | 0:00:30               | 41.03              | -58.58             | 422.83            | 42.12             | -56.56            | 423.16           | -142.56                               | 1.44                           |
| 280 | 9/27/2025 18:27 | 9/27/2025 18:28 | 0:01:50               | 36.61              | -89.15             | 421.55            | 40.92             | -82.37            | 422.78           | -141.10                               | 2.90                           |
| 281 | 9/27/2025 18:29 | 9/27/2025 18:33 | 0:04:18               | 42.02              | -80.36             | 423.11            | 49.39             | -59.98            | 425.49           | -140.93                               | 3.07                           |
| 282 | 9/27/2025 20:05 | 9/27/2025 20:09 | 0:04:16               | 48.24              | -88.16             | 425.10            | 51.75             | -64.00            | 426.53           | -140.65                               | 3.35                           |
| 283 | 9/27/2025 21:44 | 9/27/2025 21:45 | 0:01:20               | 51.53              | -77.26             | 426.66            | 50.69             | -69.52            | 426.61           | -141.69                               | 2.31                           |
| 284 | 9/27/2025 21:46 | 9/27/2025 21:46 | 0:00:30               | 50.24              | -66.69             | 426.56            | 49.71             | -63.93            | 426.48           | -143.01                               | 0.99                           |
| 285 | 9/27/2025 21:47 | 9/27/2025 21:47 | 0:00:00               | 49.11              | -61.23             | 426.39            | 49.11             | -61.23            | 426.39           | -143.43                               | 0.57                           |
| 286 | 9/27/2025 23:19 | 9/27/2025 23:19 | 0:00:00               | 49.56              | -86.81             | 426.54            | 49.56             | -86.81            | 426.54           | -143.47                               | 0.53                           |
| 287 | 9/27/2025 23:20 | 9/27/2025 23:20 | 0:00:20               | 48.73              | -83.30             | 426.41            | 48.27             | -81.57            | 426.33           | -143.60                               | 0.40                           |
| 288 | 9/27/2025 23:22 | 9/27/2025 23:22 | 0:00:00               | 45.86              | -74.20             | 425.89            | 45.86             | -74.20            | 425.89           | -143.57                               | 0.43                           |
| 289 | 9/27/2025 23:23 | 9/27/2025 23:23 | 0:00:20               | 44.63              | -71.15             | 425.65            | 43.98             | -69.68            | 425.53           | -143.53                               | 0.47                           |
| 290 | 9/27/2025 23:23 | 9/27/2025 23:23 | 0:00:00               | 42.97              | -67.53             | 425.33            | 42.97             | -67.53            | 425.33           | -143.90                               | 0.10                           |
| 291 | 9/27/2025 23:25 | 9/27/2025 23:25 | 0:00:00               | 39.68              | -61.53             | 424.67            | 39.68             | -61.53            | 424.67           | -143.65                               | 0.35                           |
| 292 | 9/28/2025 0:56  | 9/28/2025 1:02  | 0:05:10               | 42.78              | -90.75             | 425.29            | 30.19             | -72.57            | 422.91           | -141.95                               | 2.05                           |
| 293 | 9/28/2025 1:02  | 9/28/2025 1:02  | 0:00:10               | 28.83              | -71.11             | 422.69            | 28.37             | -70.64            | 422.61           | -143.72                               | 0.28                           |
| 294 | 9/28/2025 4:31  | 9/28/2025 4:31  | 0:00:00               | -37.18             | -61.74             | 430.34            | -37.18            | -61.74            | 430.34           | -143.89                               | 0.11                           |
| 295 | 9/28/2025 4:31  | 9/28/2025 4:32  | 0:00:52               | -38.39             | -59.95             | 430.74            | -40.39            | -56.70            | 431.39           | -143.34                               | 0.66                           |
| 296 | 9/28/2025 6:03  | 9/28/2025 6:04  | 0:00:59               | -36.49             | -86.33             | 430.10            | -38.87            | -82.81            | 430.88           | -141.04                               | 2.96                           |
| 297 | 9/28/2025 6:05  | 9/28/2025 6:08  | 0:03:07               | -40.02             | -80.93             | 431.26            | -46.30            | -67.62            | 433.24           | -140.68                               | 3.32                           |
| 298 | 9/28/2025 10:58 | 9/28/2025 10:58 | 0:00:00               | -46.38             | -72.65             | 431.39            | -46.38            | -72.65            | 431.39           | -143.97                               | 0.03                           |
| 299 | 9/28/2025 10:59 | 9/28/2025 10:59 | 0:00:00               | -44.91             | -68.85             | 430.71            | -44.91            | -68.85            | 430.71           | -143.44                               | 0.56                           |
| 300 | 9/28/2025 12:34 | 9/28/2025 12:39 | 0:05:10               | -40.87             | -84.19             | 428.82            | -27.79            | -67.07            | 423.50           | -141.21                               | 2.79                           |

Table 8 Berthed GN 6Mbps (4M98G1D) PFD Exceedances

|     | Start Time      | Stop Time       | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m <sup>2</sup> /4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|-----------------|-----------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------------------|--------------------------------|
| 301 | 9/28/2025 12:40 | 9/28/2025 12:40 | 0:00:00               | -26.39             | -65.68             | 422.99            | -26.39            | -65.68            | 422.99           | -143.95                               | 0.05                           |
| 302 | 9/28/2025 16:03 | 9/28/2025 16:04 | 0:01:10               | 24.98              | -72.75             | 418.49            | 28.26             | -69.53            | 419.16           | -143.14                               | 0.86                           |
| 303 | 9/28/2025 16:05 | 9/28/2025 16:05 | 0:00:00               | 30.98              | -66.61             | 419.79            | 30.98             | -66.61            | 419.79           | -143.54                               | 0.46                           |
| 304 | 9/28/2025 17:39 | 9/28/2025 17:39 | 0:00:00               | 33.60              | -87.14             | 420.45            | 33.60             | -87.14            | 420.45           | -143.99                               | 0.01                           |
| 305 | 9/28/2025 17:40 | 9/28/2025 17:45 | 0:05:46               | 36.56              | -83.25             | 421.23            | 48.21             | -58.67            | 424.80           | -141.49                               | 2.51                           |
| 306 | 9/28/2025 19:17 | 9/28/2025 19:18 | 0:00:49               | 45.97              | -89.15             | 424.06            | 47.35             | -85.18            | 424.52           | -140.75                               | 3.25                           |
| 307 | 9/28/2025 19:19 | 9/28/2025 19:19 | 0:00:10               | 49.43              | -77.40             | 425.24            | 49.63             | -76.50            | 425.32           | -143.60                               | 0.40                           |
| 308 | 9/28/2025 19:20 | 9/28/2025 19:22 | 0:01:48               | 50.17              | -73.74             | 425.52            | 51.48             | -63.41            | 426.10           | -141.07                               | 2.93                           |
| 309 | 9/28/2025 20:56 | 9/28/2025 20:57 | 0:00:20               | 51.76              | -76.28             | 426.38            | 51.69             | -74.29            | 426.41           | -143.30                               | 0.70                           |
| 310 | 9/28/2025 20:57 | 9/28/2025 20:59 | 0:01:10               | 51.45              | -70.33             | 426.44            | 50.69             | -63.55            | 426.41           | -142.34                               | 1.66                           |
| 311 | 9/28/2025 22:32 | 9/28/2025 22:32 | 0:00:10               | 50.48              | -85.77             | 426.45            | 50.33             | -84.84            | 426.43           | -143.33                               | 0.67                           |
| 312 | 9/28/2025 22:33 | 9/28/2025 22:34 | 0:01:40               | 49.43              | -80.25             | 426.32            | 47.07             | -71.66            | 425.94           | -142.91                               | 1.09                           |
| 313 | 9/28/2025 22:35 | 9/28/2025 22:36 | 0:00:40               | 46.23              | -69.25             | 425.79            | 45.03             | -66.15            | 425.57           | -142.77                               | 1.23                           |
| 314 | 9/28/2025 22:36 | 9/28/2025 22:37 | 0:00:20               | 43.74              | -63.19             | 425.33            | 43.06             | -61.77            | 425.20           | -143.00                               | 1.00                           |
| 315 | 9/29/2025 0:08  | 9/29/2025 0:13  | 0:04:40               | 44.92              | -89.49             | 425.58            | 34.36             | -71.51            | 423.60           | -141.36                               | 2.64                           |
| 316 | 9/29/2025 0:16  | 9/29/2025 0:16  | 0:00:00               | 27.66              | -63.95             | 422.48            | 27.66             | -63.95            | 422.48           | -143.62                               | 0.38                           |
| 317 | 9/29/2025 1:47  | 9/29/2025 1:50  | 0:03:02               | 32.10              | -92.36             | 423.13            | 23.71             | -83.77            | 421.91           | -141.58                               | 2.42                           |
| 318 | 9/29/2025 3:37  | 9/29/2025 3:37  | 0:00:00               | -20.27             | -73.96             | 425.23            | -20.27            | -73.96            | 425.23           | -143.56                               | 0.44                           |
| 319 | 9/29/2025 3:42  | 9/29/2025 3:42  | 0:00:10               | -32.37             | -62.03             | 428.87            | -32.81            | -61.51            | 429.01           | -142.59                               | 1.41                           |
| 320 | 9/29/2025 5:14  | 9/29/2025 5:15  | 0:00:19               | -31.80             | -86.29             | 428.73            | -32.65            | -85.30            | 429.00           | -143.12                               | 0.88                           |
| 321 | 9/29/2025 5:15  | 9/29/2025 5:16  | 0:00:50               | -33.95             | -83.71             | 429.42            | -36.06            | -80.95            | 430.11           | -141.28                               | 2.72                           |
| 322 | 9/29/2025 5:17  | 9/29/2025 5:20  | 0:03:47               | -37.29             | -79.22             | 430.51            | -45.45            | -63.91            | 433.12           | -140.97                               | 3.03                           |
| 323 | 9/29/2025 10:12 | 9/29/2025 10:12 | 0:00:00               | -45.66             | -64.74             | 431.10            | -45.66            | -64.74            | 431.10           | -143.86                               | 0.14                           |
| 324 | 9/29/2025 11:46 | 9/29/2025 11:51 | 0:04:10               | -42.23             | -80.73             | 429.44            | -32.18            | -65.88            | 425.15           | -140.82                               | 3.18                           |
| 325 | 9/29/2025 11:52 | 9/29/2025 11:52 | 0:00:20               | -29.04             | -62.39             | 423.91            | -28.12            | -61.44            | 423.56           | -143.84                               | 0.16                           |
| 326 | 9/29/2025 13:25 | 9/29/2025 13:27 | 0:01:34               | -27.52             | -84.43             | 423.32            | -23.06            | -80.20            | 421.74           | -142.17                               | 1.83                           |
| 327 | 9/29/2025 15:15 | 9/29/2025 15:16 | 0:00:40               | 23.38              | -68.26             | 417.93            | 25.27             | -66.51            | 418.28           | -143.50                               | 0.50                           |
| 328 | 9/29/2025 15:16 | 9/29/2025 15:17 | 0:00:30               | 27.14              | -64.69             | 418.66            | 28.53             | -63.28            | 418.96           | -143.57                               | 0.43                           |
| 329 | 9/29/2025 15:17 | 9/29/2025 15:18 | 0:00:10               | 29.90              | -61.83             | 419.27            | 30.36             | -61.33            | 419.38           | -143.60                               | 0.40                           |
| 330 | 9/29/2025 15:18 | 9/29/2025 15:18 | 0:00:00               | 31.70              | -59.82             | 419.70            | 31.70             | -59.82            | 419.70           | -143.78                               | 0.22                           |
| 331 | 9/29/2025 16:52 | 9/29/2025 16:52 | 0:00:00               | 33.90              | -80.79             | 420.27            | 33.90             | -80.79            | 420.27           | -143.85                               | 0.15                           |
| 332 | 9/29/2025 16:52 | 9/29/2025 16:56 | 0:03:20               | 35.18              | -79.15             | 420.61            | 42.93             | -66.63            | 422.84           | -142.03                               | 1.97                           |
| 333 | 9/29/2025 16:56 | 9/29/2025 16:58 | 0:01:22               | 44.27              | -63.75             | 423.26            | 46.74             | -57.42            | 424.07           | -143.38                               | 0.62                           |
| 334 | 9/29/2025 18:28 | 9/29/2025 18:29 | 0:00:49               | 42.69              | -90.71             | 422.79            | 44.35             | -87.18            | 423.31           | -140.67                               | 3.33                           |
| 335 | 9/29/2025 18:30 | 9/29/2025 18:34 | 0:03:58               | 45.90              | -83.38             | 423.81            | 50.98             | -62.44            | 425.64           | -141.02                               | 2.98                           |
| 336 | 9/29/2025 20:08 | 9/29/2025 20:11 | 0:02:22               | 51.70              | -77.26             | 426.01            | 51.35             | -63.12            | 426.27           | -140.66                               | 3.34                           |
| 337 | 9/29/2025 21:44 | 9/29/2025 21:44 | 0:00:03               | 51.09              | -84.20             | 426.30            | 51.06             | -83.94            | 426.30           | -143.12                               | 0.88                           |
| 338 | 9/29/2025 21:45 | 9/29/2025 21:48 | 0:03:19               | 50.62              | -80.74             | 426.27            | 46.25             | -63.33            | 425.63           | -142.13                               | 1.87                           |
| 339 | 9/29/2025 21:49 | 9/29/2025 21:49 | 0:00:00               | 44.09              | -58.00             | 425.24            | 44.09             | -58.00            | 425.24           | -143.83                               | 0.17                           |
| 340 | 9/29/2025 23:21 | 9/29/2025 23:26 | 0:05:00               | 46.61              | -87.92             | 425.74            | 35.91             | -67.57            | 423.78           | -140.62                               | 3.38                           |
| 341 | 9/29/2025 23:27 | 9/29/2025 23:27 | 0:00:00               | 31.59              | -62.20             | 423.03            | 31.59             | -62.20            | 423.03           | -143.89                               | 0.11                           |
| 342 | 9/29/2025 23:28 | 9/29/2025 23:28 | 0:00:00               | 29.80              | -60.21             | 422.74            | 29.80             | -60.21            | 422.74           | -143.53                               | 0.47                           |
| 343 | 9/30/2025 0:58  | 9/30/2025 1:03  | 0:05:00               | 36.42              | -91.87             | 423.82            | 22.90             | -77.06            | 421.78           | -141.37                               | 2.63                           |
| 344 | 9/30/2025 2:51  | 9/30/2025 2:54  | 0:02:30               | -21.55             | -66.89             | 425.64            | -28.62            | -60.19            | 427.74           | -142.84                               | 1.16                           |
| 345 | 9/30/2025 2:55  | 9/30/2025 2:55  | 0:00:00               | -33.40             | -54.81             | 429.27            | -33.40            | -54.81            | 429.27           | -143.81                               | 0.19                           |
| 346 | 9/30/2025 4:26  | 9/30/2025 4:26  | 0:00:00               | -28.18             | -84.25             | 427.68            | -28.18            | -84.25            | 427.68           | -143.93                               | 0.07                           |
| 347 | 9/30/2025 4:27  | 9/30/2025 4:27  | 0:00:40               | -29.55             | -82.81             | 428.11            | -31.35            | -80.83            | 428.68           | -142.56                               | 1.44                           |
| 348 | 9/30/2025 4:28  | 9/30/2025 4:33  | 0:04:56               | -32.67             | -79.29             | 429.11            | -44.17            | -60.99            | 432.83           | -140.78                               | 3.22                           |
| 349 | 9/30/2025 10:59 | 9/30/2025 10:59 | 0:00:10               | -44.21             | -78.88             | 430.35            | -43.88            | -78.15            | 430.20           | -143.55                               | 0.45                           |
| 350 | 9/30/2025 10:59 | 9/30/2025 11:01 | 0:02:00               | -42.52             | -75.32             | 429.57            | -38.00            | -67.58            | 427.56           | -141.79                               | 2.21                           |
| 351 | 9/30/2025 11:02 | 9/30/2025 11:02 | 0:00:10               | -36.79             | -65.81             | 427.04            | -36.38            | -65.24            | 426.86           | -143.16                               | 0.84                           |
| 352 | 9/30/2025 11:04 | 9/30/2025 11:04 | 0:00:00               | -32.54             | -60.32             | 425.25            | -32.54            | -60.32            | 425.25           | -143.38                               | 0.62                           |
| 353 | 9/30/2025 12:36 | 9/30/2025 12:41 | 0:05:15               | -34.60             | -86.46             | 426.07            | -20.06            | -71.61            | 420.67           | -141.48                               | 2.52                           |
| 354 | 9/30/2025 16:02 | 9/30/2025 16:02 | 0:00:00               | 24.82              | -84.56             | 418.04            | 24.82             | -84.56            | 418.04           | -143.57                               | 0.43                           |
| 355 | 9/30/2025 16:02 | 9/30/2025 16:02 | 0:00:00               | 26.70              | -82.75             | 418.40            | 26.70             | -82.75            | 418.40           | -142.76                               | 1.24                           |
| 356 | 9/30/2025 16:03 | 9/30/2025 16:03 | 0:00:00               | 29.02              | -80.40             | 418.89            | 29.02             | -80.40            | 418.89           | -143.65                               | 0.35                           |
| 357 | 9/30/2025 16:06 | 9/30/2025 16:06 | 0:00:00               | 37.67              | -69.70             | 421.08            | 37.67             | -69.70            | 421.08           | -143.80                               | 0.20                           |
| 358 | 9/30/2025 16:08 | 9/30/2025 16:08 | 0:00:20               | 40.78              | -64.71             | 421.99            | 41.51             | -63.38            | 422.21           | -143.33                               | 0.67                           |
| 359 | 9/30/2025 16:09 | 9/30/2025 16:09 | 0:00:10               | 42.59              | -61.34             | 422.54            | 42.93             | -60.64            | 422.65           | -143.77                               | 0.23                           |
| 360 | 9/30/2025 17:40 | 9/30/2025 17:41 | 0:00:59               | 39.57              | -90.36             | 421.65            | 41.79             | -86.49            | 422.31           | -141.16                               | 2.84                           |

Table 8 Berthed GN 6Mbps (4M98G1D) PFD Exceedances

|     | Start Time      | Stop Time       | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m^2/4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|-----------------|-----------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------|--------------------------------|
| 361 | 9/30/2025 17:42 | 9/30/2025 17:46 | 0:04:43               | 42.85              | -84.42             | 422.63            | 50.26             | -61.24            | 425.15           | -140.80                   | 3.20                           |
| 362 | 9/30/2025 19:19 | 9/30/2025 19:19 | 0:00:39               | 49.87              | -86.96             | 424.99            | 50.52             | -83.30            | 425.25           | -141.50                   | 2.50                           |
| 363 | 9/30/2025 19:21 | 9/30/2025 19:23 | 0:02:13               | 51.29              | -77.27             | 425.60            | 51.75             | -64.02            | 426.05           | -141.34                   | 2.66                           |
| 364 | 9/30/2025 20:58 | 9/30/2025 20:58 | 0:00:10               | 50.81              | -76.04             | 426.10            | 50.67             | -75.09            | 426.09           | -143.72                   | 0.28                           |
| 365 | 9/30/2025 20:58 | 9/30/2025 21:01 | 0:02:48               | 50.05              | -71.34             | 426.04            | 46.10             | -56.93            | 425.45           | -142.43                   | 1.57                           |
| 366 | 9/30/2025 22:33 | 9/30/2025 22:35 | 0:02:10               | 48.44              | -87.90             | 425.90            | 44.86             | -77.40            | 425.31           | -142.29                   | 1.71                           |
| 367 | 9/30/2025 22:35 | 9/30/2025 22:37 | 0:01:50               | 43.90              | -75.19             | 425.14            | 39.97             | -67.70            | 424.43           | -142.38                   | 1.62                           |
| 368 | 9/30/2025 22:38 | 9/30/2025 22:38 | 0:00:20               | 38.41              | -65.21             | 424.14            | 37.61             | -64.00            | 424.00           | -143.61                   | 0.39                           |
| 369 | 10/1/2025 0:10  | 10/1/2025 0:16  | 0:05:19               | 39.22              | -90.07             | 424.27            | 25.30             | -73.30            | 422.05           | -141.47                   | 2.53                           |
| 370 | 10/1/2025 0:17  | 10/1/2025 0:17  | 0:00:00               | 22.56              | -70.78             | 421.73            | 22.56             | -70.78            | 421.73           | -143.52                   | 0.48                           |
| 371 | 10/1/2025 3:38  | 10/1/2025 3:39  | 0:00:30               | -24.86             | -81.53             | 426.76            | -26.27            | -80.18            | 427.19           | -142.96                   | 1.04                           |
| 372 | 10/1/2025 3:39  | 10/1/2025 3:40  | 0:00:40               | -27.66             | -78.80             | 427.62            | -29.50            | -76.90            | 428.19           | -142.50                   | 1.50                           |
| 373 | 10/1/2025 3:41  | 10/1/2025 3:44  | 0:03:00               | -31.30             | -74.92             | 428.77            | -38.86            | -64.90            | 431.24           | -141.72                   | 2.28                           |
| 374 | 10/1/2025 3:45  | 10/1/2025 3:45  | 0:00:17               | -41.87             | -59.74             | 432.22            | -42.47            | -58.57            | 432.41           | -143.37                   | 0.63                           |
| 375 | 10/1/2025 5:18  | 10/1/2025 5:20  | 0:02:22               | -41.79             | -83.48             | 432.15            | -46.39            | -73.08            | 433.56           | -142.29                   | 1.71                           |
| 376 | 10/1/2025 10:11 | 10/1/2025 10:14 | 0:03:00               | -44.79             | -74.24             | 430.62            | -38.32            | -62.09            | 427.68           | -142.71                   | 1.29                           |
| 377 | 10/1/2025 10:15 | 10/1/2025 10:15 | 0:00:00               | -36.71             | -59.72             | 426.97            | -36.71            | -59.72            | 426.97           | -143.48                   | 0.52                           |
| 378 | 10/1/2025 11:47 | 10/1/2025 11:53 | 0:05:49               | -38.32             | -85.68             | 427.62            | -22.77            | -67.99            | 421.43           | -141.74                   | 2.26                           |
| 379 | 10/1/2025 15:15 | 10/1/2025 15:15 | 0:00:00               | 24.17              | -79.19             | 417.66            | 24.17             | -79.19            | 417.66           | -143.52                   | 0.48                           |
| 380 | 10/1/2025 15:17 | 10/1/2025 15:17 | 0:00:00               | 30.66              | -72.64             | 419.01            | 30.66             | -72.64            | 419.01           | -143.45                   | 0.55                           |
| 381 | 10/1/2025 15:18 | 10/1/2025 15:18 | 0:00:00               | 34.18              | -68.48             | 419.88            | 34.18             | -68.48            | 419.88           | -143.09                   | 0.91                           |
| 382 | 10/1/2025 15:19 | 10/1/2025 15:19 | 0:00:20               | 36.29              | -65.69             | 420.45            | 37.12             | -64.53            | 420.68           | -143.74                   | 0.26                           |
| 383 | 10/1/2025 16:51 | 10/1/2025 16:53 | 0:02:09               | 34.36              | -91.86             | 419.95            | 39.64             | -84.27            | 421.40           | -140.89                   | 3.11                           |
| 384 | 10/1/2025 16:54 | 10/1/2025 16:59 | 0:04:49               | 40.77              | -82.34             | 421.73            | 49.33             | -59.95            | 424.55           | -140.70                   | 3.30                           |
| 385 | 10/1/2025 18:31 | 10/1/2025 18:31 | 0:00:00               | 48.13              | -88.27             | 424.12            | 48.13             | -88.27            | 424.12           | -143.50                   | 0.50                           |
| 386 | 10/1/2025 18:32 | 10/1/2025 18:32 | 0:00:30               | 49.44              | -83.04             | 424.60            | 50.00             | -80.30            | 424.82           | -143.51                   | 0.49                           |
| 387 | 10/1/2025 18:33 | 10/1/2025 18:35 | 0:02:08               | 50.64              | -76.56             | 425.08            | 51.74             | -64.03            | 425.70           | -141.46                   | 2.54                           |
| 388 | 10/1/2025 20:09 | 10/1/2025 20:13 | 0:03:14               | 51.55              | -77.26             | 425.89            | 48.65             | -59.10            | 425.69           | -141.04                   | 2.96                           |
| 389 | 10/1/2025 21:45 | 10/1/2025 21:45 | 0:00:00               | 49.63              | -86.84             | 425.88            | 49.63             | -86.84            | 425.88           | -143.59                   | 0.41                           |
| 390 | 10/1/2025 21:45 | 10/1/2025 21:47 | 0:01:20               | 49.04              | -84.23             | 425.81            | 47.10             | -77.42            | 425.54           | -142.74                   | 1.26                           |
| 391 | 10/1/2025 21:48 | 10/1/2025 21:50 | 0:01:40               | 44.75              | -71.15             | 425.15            | 41.33             | -64.08            | 424.56           | -142.54                   | 1.46                           |
| 392 | 10/1/2025 21:50 | 10/1/2025 21:51 | 0:00:40               | 39.83              | -61.48             | 424.29            | 38.27             | -59.00            | 424.01           | -143.49                   | 0.51                           |
| 393 | 10/1/2025 23:22 | 10/1/2025 23:22 | 0:00:00               | 42.20              | -89.33             | 424.71            | 42.20             | -89.33            | 424.71           | -143.52                   | 0.48                           |
| 394 | 10/1/2025 23:23 | 10/1/2025 23:27 | 0:04:40               | 41.12              | -87.31             | 424.52            | 29.44             | -71.47            | 422.58           | -141.41                   | 2.59                           |
| 395 | 10/1/2025 23:28 | 10/1/2025 23:29 | 0:00:40               | 27.14              | -69.10             | 422.26            | 25.27             | -67.28            | 422.02           | -142.85                   | 1.15                           |
| 396 | 10/2/2025 2:51  | 10/2/2025 2:51  | 0:00:00               | -24.19             | -76.17             | 426.69            | -24.19            | -76.17            | 426.69           | -143.67                   | 0.33                           |
| 397 | 10/2/2025 2:56  | 10/2/2025 2:56  | 0:00:00               | -37.10             | -61.56             | 430.81            | -37.10            | -61.56            | 430.81           | -143.30                   | 0.70                           |
| 398 | 10/2/2025 2:56  | 10/2/2025 2:57  | 0:00:20               | -38.31             | -59.78             | 431.20            | -39.09            | -58.56            | 431.46           | -143.00                   | 1.00                           |
| 399 | 10/2/2025 4:28  | 10/2/2025 4:29  | 0:00:10               | -36.23             | -86.39             | 430.52            | -36.63            | -85.83            | 430.65           | -142.88                   | 1.12                           |
| 400 | 10/2/2025 4:30  | 10/2/2025 4:33  | 0:03:32               | -39.03             | -82.25             | 431.43            | -46.28            | -67.39            | 433.70           | -141.76                   | 2.24                           |
| 401 | 10/2/2025 9:24  | 10/2/2025 9:25  | 0:01:50               | -46.41             | -72.41             | 431.48            | -42.93            | -64.19            | 429.82           | -142.37                   | 1.63                           |
| 402 | 10/2/2025 9:26  | 10/2/2025 9:26  | 0:00:30               | -41.88             | -62.12             | 429.33            | -40.78            | -60.13            | 428.82           | -143.03                   | 0.97                           |
| 403 | 10/2/2025 9:27  | 10/2/2025 9:28  | 0:00:24               | -38.87             | -56.96             | 427.95            | -37.92            | -55.50            | 427.52           | -143.23                   | 0.77                           |
| 404 | 10/2/2025 10:59 | 10/2/2025 11:05 | 0:05:19               | -40.99             | -84.09             | 428.83            | -27.49            | -66.46            | 423.07           | -141.63                   | 2.37                           |
| 405 | 10/2/2025 11:05 | 10/2/2025 11:06 | 0:00:50               | -25.62             | -64.63             | 422.37            | -23.25            | -62.43            | 421.51           | -143.08                   | 0.92                           |
| 406 | 10/2/2025 14:28 | 10/2/2025 14:28 | 0:00:00               | 25.47              | -71.98             | 417.61            | 25.47             | -71.98            | 417.61           | -143.98                   | 0.02                           |
| 407 | 10/2/2025 14:29 | 10/2/2025 14:29 | 0:00:30               | 27.81              | -69.69             | 418.08            | 29.19             | -68.26            | 418.38           | -143.74                   | 0.26                           |
| 408 | 10/2/2025 14:30 | 10/2/2025 14:31 | 0:00:50               | 30.55              | -66.79             | 418.69            | 32.77             | -64.23            | 419.23           | -143.34                   | 0.66                           |
| 409 | 10/2/2025 14:32 | 10/2/2025 14:32 | 0:00:00               | 37.01              | -58.70             | 420.36            | 37.01             | -58.70            | 420.36           | -143.36                   | 0.64                           |
| 410 | 10/2/2025 14:33 | 10/2/2025 14:33 | 0:00:00               | 39.01              | -55.69             | 420.94            | 39.01             | -55.69            | 420.94           | -143.71                   | 0.29                           |
| 411 | 10/2/2025 16:03 | 10/2/2025 16:03 | 0:00:10               | 29.89              | -91.10             | 418.57            | 30.35             | -90.61            | 418.67           | -143.80                   | 0.20                           |
| 412 | 10/2/2025 16:04 | 10/2/2025 16:10 | 0:06:20               | 33.88              | -86.48             | 419.52            | 47.49             | -60.83            | 423.59           | -140.90                   | 3.10                           |
| 413 | 10/2/2025 17:43 | 10/2/2025 17:44 | 0:00:40               | 47.81              | -83.37             | 423.72            | 48.76             | -79.94            | 424.06           | -142.87                   | 1.13                           |
| 414 | 10/2/2025 17:45 | 10/2/2025 17:47 | 0:02:26               | 49.40              | -77.27             | 424.30            | 51.46             | -63.41            | 425.22           | -141.64                   | 2.36                           |
| 415 | 10/2/2025 19:22 | 10/2/2025 19:24 | 0:02:42               | 51.78              | -77.25             | 425.54            | 50.41             | -61.45            | 425.66           | -140.72                   | 3.28                           |
| 416 | 10/2/2025 20:57 | 10/2/2025 20:58 | 0:01:10               | 50.51              | -85.66             | 425.73            | 49.27             | -79.25            | 425.62           | -142.61                   | 1.39                           |
| 417 | 10/2/2025 20:59 | 10/2/2025 20:59 | 0:00:10               | 48.15              | -74.88             | 425.48            | 47.91             | -74.03            | 425.45           | -143.30                   | 0.70                           |
| 418 | 10/2/2025 21:00 | 10/2/2025 21:03 | 0:03:37               | 46.86              | -70.72             | 425.30            | 39.60             | -55.12            | 424.10           | -142.35                   | 1.65                           |
| 419 | 10/2/2025 22:34 | 10/2/2025 22:34 | 0:00:00               | 45.02              | -89.40             | 425.04            | 45.02             | -89.40            | 425.04           | -143.59                   | 0.41                           |
| 420 | 10/2/2025 22:35 | 10/2/2025 22:37 | 0:02:40               | 43.39              | -85.73             | 424.78            | 37.40             | -75.33            | 423.77           | -141.94                   | 2.06                           |

Table 8 Berthed GN 6Mbps (4M98G1D) PFD Exceedances

|     | Start Time      | Stop Time       | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m <sup>2</sup> /4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|-----------------|-----------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------------------|--------------------------------|
| 421 | 10/2/2025 22:38 | 10/2/2025 22:40 | 0:02:00               | 36.17              | -73.59             | 423.56            | 30.99             | -67.17            | 422.75           | -142.24                               | 1.76                           |
| 422 | 10/2/2025 22:40 | 10/2/2025 22:40 | 0:00:00               | 29.63              | -65.69             | 422.55            | 29.63             | -65.69            | 422.55           | -143.35                               | 0.65                           |
| 423 | 10/2/2025 22:41 | 10/2/2025 22:41 | 0:00:10               | 28.26              | -64.25             | 422.36            | 27.80             | -63.78            | 422.30           | -143.24                               | 0.76                           |
| 424 | 10/3/2025 0:12  | 10/3/2025 0:15  | 0:02:30               | 32.24              | -92.20             | 422.87            | 25.38             | -85.01            | 421.96           | -141.34                               | 2.66                           |
| 425 | 10/3/2025 2:08  | 10/3/2025 2:08  | 0:00:00               | -34.04             | -59.68             | 429.93            | -34.04            | -59.68            | 429.93           | -143.65                               | 0.35                           |
| 426 | 10/3/2025 3:40  | 10/3/2025 3:41  | 0:00:59               | -31.56             | -86.25             | 429.16            | -34.16            | -83.14            | 430.00           | -140.76                               | 3.24                           |
| 427 | 10/3/2025 3:41  | 10/3/2025 3:46  | 0:04:11               | -36.26             | -80.36             | 430.69            | -45.40            | -63.73            | 433.60           | -141.10                               | 2.90                           |
| 428 | 10/3/2025 10:11 | 10/3/2025 10:12 | 0:00:40               | -43.02             | -81.99             | 429.85            | -41.63            | -79.27            | 429.20           | -142.37                               | 1.63                           |
| 429 | 10/3/2025 10:13 | 10/3/2025 10:14 | 0:01:20               | -40.15             | -76.65             | 428.51            | -36.99            | -71.76            | 427.07           | -140.54                               | 3.46                           |
| 430 | 10/3/2025 10:15 | 10/3/2025 10:17 | 0:02:00               | -35.34             | -69.48             | 426.34            | -30.09            | -63.20            | 424.11           | -141.92                               | 2.08                           |
| 431 | 10/3/2025 10:17 | 10/3/2025 10:18 | 0:00:20               | -28.72             | -61.74             | 423.55            | -27.80            | -60.80            | 423.19           | -143.32                               | 0.68                           |
| 432 | 10/3/2025 10:18 | 10/3/2025 10:18 | 0:00:00               | -26.41             | -59.41             | 422.65            | -26.41            | -59.41            | 422.65           | -143.48                               | 0.52                           |
| 433 | 10/3/2025 11:50 | 10/3/2025 11:52 | 0:02:01               | -28.25             | -84.85             | 423.35            | -22.56            | -79.43            | 421.22           | -142.27                               | 1.73                           |
| 434 | 10/3/2025 13:41 | 10/3/2025 13:41 | 0:00:00               | 25.02              | -66.42             | 417.28            | 25.02             | -66.42            | 417.28           | -143.93                               | 0.07                           |
| 435 | 10/3/2025 15:15 | 10/3/2025 15:15 | 0:00:10               | 27.99              | -87.11             | 417.92            | 28.45             | -86.64            | 418.02           | -143.99                               | 0.01                           |
| 436 | 10/3/2025 15:16 | 10/3/2025 15:17 | 0:00:10               | 32.07              | -82.68             | 418.84            | 32.51             | -82.16            | 418.94           | -142.79                               | 1.21                           |
| 437 | 10/3/2025 15:17 | 10/3/2025 15:22 | 0:04:20               | 34.25              | -80.03             | 419.38            | 44.21             | -63.57            | 422.26           | -142.33                               | 1.67                           |
| 438 | 10/3/2025 16:54 | 10/3/2025 16:54 | 0:00:10               | 42.50              | -90.76             | 421.75            | 42.85             | -90.06            | 421.85           | -142.05                               | 1.95                           |
| 439 | 10/3/2025 16:55 | 10/3/2025 16:59 | 0:04:20               | 45.15              | -84.95             | 422.59            | 50.94             | -62.41            | 424.72           | -141.04                               | 2.96                           |
| 440 | 10/3/2025 18:34 | 10/3/2025 18:36 | 0:02:21               | 51.69              | -77.25             | 425.13            | 51.39             | -63.26            | 425.47           | -141.25                               | 2.75                           |
| 441 | 10/3/2025 20:10 | 10/3/2025 20:15 | 0:05:00               | 50.65              | -80.55             | 425.51            | 43.12             | -55.59            | 424.52           | -141.29                               | 2.71                           |
| 442 | 10/3/2025 21:46 | 10/3/2025 21:46 | 0:00:00               | 46.95              | -88.58             | 425.16            | 46.95             | -88.58            | 425.16           | -143.86                               | 0.14                           |
| 443 | 10/3/2025 21:46 | 10/3/2025 21:53 | 0:06:20               | 46.11              | -86.21             | 425.04            | 31.71             | -62.00            | 422.74           | -140.72                               | 3.28                           |
| 444 | 10/3/2025 21:53 | 10/3/2025 21:53 | 0:00:00               | 30.37              | -60.49             | 422.54            | 30.37             | -60.49            | 422.54           | -143.11                               | 0.89                           |
| 445 | 10/3/2025 23:24 | 10/3/2025 23:24 | 0:00:10               | 35.48              | -90.26             | 423.27            | 35.06             | -89.71            | 423.20           | -143.11                               | 0.89                           |
| 446 | 10/3/2025 23:25 | 10/3/2025 23:25 | 0:00:30               | 33.34              | -87.54             | 422.94            | 32.03             | -85.97            | 422.75           | -143.13                               | 0.87                           |
| 447 | 10/3/2025 23:26 | 10/3/2025 23:29 | 0:02:35               | 29.33              | -82.98             | 422.37            | 22.05             | -75.97            | 421.55           | -141.78                               | 2.22                           |
| 448 | 10/4/2025 2:51  | 10/4/2025 2:51  | 0:00:09               | -27.54             | -84.57             | 427.97            | -27.96            | -84.14            | 428.10           | -143.18                               | 0.82                           |
| 449 | 10/4/2025 2:52  | 10/4/2025 2:53  | 0:00:50               | -30.24             | -81.73             | 428.83            | -32.47            | -79.21            | 429.55           | -140.70                               | 3.30                           |
| 450 | 10/4/2025 2:54  | 10/4/2025 2:58  | 0:04:10               | -33.77             | -77.63             | 429.98            | -43.48            | -62.16            | 433.14           | -141.30                               | 2.70                           |
| 451 | 10/4/2025 9:24  | 10/4/2025 9:24  | 0:00:00               | -44.59             | -79.42             | 430.65            | -44.59            | -79.42            | 430.65           | -143.97                               | 0.03                           |
| 452 | 10/4/2025 9:24  | 10/4/2025 9:25  | 0:01:10               | -43.64             | -77.29             | 430.19            | -41.18            | -72.46            | 429.03           | -141.85                               | 2.15                           |
| 453 | 10/4/2025 9:26  | 10/4/2025 9:29  | 0:02:50               | -40.06             | -70.51             | 428.50            | -33.10            | -60.65            | 425.37           | -141.15                               | 2.85                           |
| 454 | 10/4/2025 9:29  | 10/4/2025 9:30  | 0:00:50               | -31.78             | -59.10             | 424.81            | -29.54            | -56.61            | 423.87           | -142.95                               | 1.05                           |
| 455 | 10/4/2025 11:01 | 10/4/2025 11:01 | 0:00:00               | -34.85             | -86.45             | 426.11            | -34.85            | -86.45            | 426.11           | -143.82                               | 0.18                           |
| 456 | 10/4/2025 11:01 | 10/4/2025 11:02 | 0:00:40               | -33.58             | -84.85             | 425.55            | -31.83            | -82.76            | 424.80           | -143.50                               | 0.50                           |
| 457 | 10/4/2025 11:03 | 10/4/2025 11:06 | 0:03:32               | -30.04             | -80.75             | 424.05            | -20.05            | -71.27            | 420.31           | -141.75                               | 2.25                           |
| 458 | 10/4/2025 14:28 | 10/4/2025 14:28 | 0:00:00               | 28.48              | -80.62             | 417.81            | 28.48             | -80.62            | 417.81           | -143.99                               | 0.01                           |
| 459 | 10/4/2025 14:29 | 10/4/2025 14:29 | 0:00:00               | 31.65              | -77.17             | 418.52            | 31.65             | -77.17            | 418.52           | -143.35                               | 0.65                           |
| 460 | 10/4/2025 14:30 | 10/4/2025 14:30 | 0:00:10               | 33.84              | -74.55             | 419.06            | 34.27             | -74.01            | 419.17           | -143.54                               | 0.46                           |
| 461 | 10/4/2025 16:05 | 10/4/2025 16:06 | 0:00:40               | 39.50              | -90.13             | 420.63            | 41.01             | -87.57            | 421.07           | -140.39                               | 3.61                           |
| 462 | 10/4/2025 16:07 | 10/4/2025 16:11 | 0:04:30               | 43.15              | -83.47             | 421.72            | 50.21             | -61.20            | 424.18           | -141.54                               | 2.46                           |
| 463 | 10/4/2025 17:44 | 10/4/2025 17:45 | 0:00:20               | 50.15              | -85.14             | 424.15            | 50.48             | -83.25            | 424.29           | -143.95                               | 0.05                           |
| 464 | 10/4/2025 17:46 | 10/4/2025 17:48 | 0:02:13               | 51.26              | -77.26             | 424.66            | 51.76             | -64.10            | 425.18           | -141.61                               | 2.39                           |
| 465 | 10/4/2025 19:22 | 10/4/2025 19:26 | 0:03:52               | 51.06              | -77.64             | 425.30            | 46.27             | -57.07            | 424.82           | -140.27                               | 3.73                           |
| 466 | 10/4/2025 20:58 | 10/4/2025 20:58 | 0:00:00               | 48.50              | -87.77             | 425.18            | 48.50             | -87.77            | 425.18           | -143.92                               | 0.08                           |
| 467 | 10/4/2025 20:58 | 10/4/2025 20:59 | 0:01:00               | 47.80              | -85.28             | 425.10            | 46.17             | -80.39            | 424.88           | -142.67                               | 1.33                           |
| 468 | 10/4/2025 21:00 | 10/4/2025 21:05 | 0:05:20               | 45.28              | -78.06             | 424.75            | 33.12             | -57.68            | 422.83           | -140.89                               | 3.11                           |
| 469 | 10/4/2025 22:35 | 10/4/2025 22:35 | 0:00:00               | 40.23              | -91.39             | 423.92            | 40.23             | -91.39            | 423.92           | -142.99                               | 1.01                           |
| 470 | 10/4/2025 22:36 | 10/4/2025 22:36 | 0:00:00               | 38.31              | -88.30             | 423.62            | 38.31             | -88.30            | 423.62           | -143.50                               | 0.50                           |
| 471 | 10/4/2025 22:37 | 10/4/2025 22:37 | 0:00:00               | 36.69              | -85.93             | 423.36            | 36.69             | -85.93            | 423.36           | -143.38                               | 0.62                           |
| 472 | 10/4/2025 22:37 | 10/4/2025 22:37 | 0:00:10               | 35.44              | -84.22             | 423.17            | 35.02             | -83.66            | 423.10           | -143.48                               | 0.52                           |
| 473 | 10/4/2025 22:38 | 10/4/2025 22:41 | 0:03:00               | 33.30              | -81.50             | 422.85            | 25.11             | -72.76            | 421.79           | -142.10                               | 1.90                           |
| 474 | 10/5/2025 2:04  | 10/5/2025 2:05  | 0:01:00               | -25.59             | -80.48             | 427.44            | -28.38            | -77.71            | 428.32           | -142.22                               | 1.78                           |
| 475 | 10/5/2025 2:05  | 10/5/2025 2:10  | 0:04:30               | -30.20             | -75.78             | 428.91            | -41.34            | -60.36            | 432.58           | -140.59                               | 3.41                           |
| 476 | 10/5/2025 3:43  | 10/5/2025 3:45  | 0:02:35               | -41.39             | -83.87             | 432.56            | -46.45            | -72.55            | 434.10           | -141.95                               | 2.05                           |
| 477 | 10/5/2025 8:36  | 10/5/2025 8:36  | 0:00:20               | -45.75             | -76.27             | 431.27            | -45.14            | -74.74            | 430.97           | -142.77                               | 1.23                           |
| 478 | 10/5/2025 8:37  | 10/5/2025 8:37  | 0:00:00               | -43.53             | -71.06             | 430.18            | -43.53            | -71.06            | 430.18           | -143.87                               | 0.13                           |
| 479 | 10/5/2025 8:38  | 10/5/2025 8:38  | 0:00:30               | -42.50             | -68.95             | 429.68            | -41.43            | -66.91            | 429.17           | -143.05                               | 0.95                           |
| 480 | 10/5/2025 8:39  | 10/5/2025 8:42  | 0:02:52               | -40.32             | -64.95             | 428.64            | -33.31            | -54.91            | 425.45           | -142.25                               | 1.75                           |

**Table 8 Berthed GN 6Mbps (4M98G1D) PFD Exceedances**

|     | Start Time      | Stop Time       | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m <sup>2</sup> /4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|-----------------|-----------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------------------|--------------------------------|
| 481 | 10/5/2025 10:14 | 10/5/2025 10:14 | 0:00:00               | -35.23             | -80.95             | 426.25            | -35.23            | -80.95            | 426.25           | -143.82                               | 0.18                           |
| 482 | 10/5/2025 10:15 | 10/5/2025 10:17 | 0:02:00               | -32.65             | -77.72             | 425.11            | -27.22            | -71.83            | 422.86           | -142.30                               | 1.70                           |
| 483 | 10/5/2025 10:18 | 10/5/2025 10:19 | 0:01:10               | -24.88             | -69.56             | 421.95            | -21.53            | -66.54            | 420.73           | -142.00                               | 2.00                           |
| 484 | 10/5/2025 13:41 | 10/5/2025 13:41 | 0:00:00               | 29.24              | -73.82             | 417.72            | 29.24             | -73.82            | 417.72           | -143.22                               | 0.78                           |
| 485 | 10/5/2025 13:47 | 10/5/2025 13:47 | 0:00:00               | 42.34              | -55.49             | 421.23            | 42.34             | -55.49            | 421.23           | -143.95                               | 0.05                           |
| 486 | 10/5/2025 15:17 | 10/5/2025 15:18 | 0:01:00               | 36.27              | -88.97             | 419.45            | 38.70             | -85.41            | 420.12           | -140.42                               | 3.58                           |
| 487 | 10/5/2025 15:19 | 10/5/2025 15:23 | 0:04:00               | 40.25              | -82.89             | 420.57            | 47.91             | -65.06            | 423.04           | -140.93                               | 3.07                           |
| 488 | 10/5/2025 15:23 | 10/5/2025 15:23 | 0:00:10               | 48.62              | -62.49             | 423.30            | 48.84             | -61.61            | 423.38           | -143.19                               | 0.81                           |
| 489 | 10/5/2025 16:56 | 10/5/2025 17:00 | 0:04:19               | 47.99              | -88.38             | 423.08            | 51.73             | -64.06            | 424.76           | -141.51                               | 2.49                           |
| 490 | 10/5/2025 18:35 | 10/5/2025 18:38 | 0:03:11               | 51.57              | -77.26             | 425.01            | 48.79             | -59.28            | 424.94           | -141.37                               | 2.63                           |
| 491 | 10/5/2025 20:10 | 10/5/2025 20:17 | 0:07:05               | 49.71              | -86.88             | 425.09            | 36.19             | -55.63            | 423.16           | -140.50                               | 3.50                           |
| 492 | 10/5/2025 21:47 | 10/5/2025 21:47 | 0:00:20               | 42.72              | -89.97             | 424.17            | 42.01             | -88.59            | 424.07           | -143.32                               | 0.68                           |
| 493 | 10/5/2025 21:48 | 10/5/2025 21:48 | 0:00:00               | 40.92              | -86.59             | 423.90            | 40.92             | -86.59            | 423.90           | -143.36                               | 0.64                           |
| 494 | 10/5/2025 21:48 | 10/5/2025 21:53 | 0:05:00               | 39.79              | -84.65             | 423.72            | 26.89             | -68.48            | 421.92           | -141.24                               | 2.76                           |

Maximum exceedance to -144 dBW/m<sup>2</sup>/4 kHz ITU/FCC Limit : 4.42 dB  
Maximum exceedance to -128 dBW/m<sup>2</sup>/4 kHz PIRN 50885-NA-0068B Limit: -11.58 dB

Table 9 Berthed GN 3Mbps (3M00G1D) PFD Exceedances

|    | Start Time      | Stop Time       | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m <sup>2</sup> /4kHz) | PFD Non-<br>Compliance<br>(dB) |
|----|-----------------|-----------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------------------|--------------------------------|
| 1  | 9/17/2025 15:03 | 9/17/2025 15:07 | 0:03:50               | -47.06             | -71.64             | 461.38            | -39.49            | -55.30            | 460.57           | -138.38                               | 5.62                           |
| 2  | 9/17/2025 16:39 | 9/17/2025 16:45 | 0:05:49               | -42.32             | -83.93             | 461.04            | -27.96            | -64.31            | 456.13           | -139.33                               | 4.67                           |
| 3  | 9/17/2025 16:45 | 9/17/2025 16:45 | 0:00:00               | -26.58             | -62.93             | 455.48            | -26.58            | -62.93            | 455.48           | -143.81                               | 0.19                           |
| 4  | 9/17/2025 16:46 | 9/17/2025 16:46 | 0:00:41               | -25.19             | -61.59             | 454.80            | -23.24            | -59.79            | 453.82           | -141.18                               | 2.82                           |
| 5  | 9/17/2025 20:07 | 9/17/2025 20:13 | 0:05:42               | 22.10              | -72.46             | 428.51            | 37.46             | -55.45            | 419.67           | -138.55                               | 5.45                           |
| 6  | 9/17/2025 21:42 | 9/17/2025 21:43 | 0:00:10               | 28.50              | -89.98             | 425.09            | 28.96             | -89.50            | 424.83           | -143.15                               | 0.85                           |
| 7  | 9/17/2025 21:43 | 9/17/2025 21:51 | 0:07:38               | 30.32              | -88.04             | 424.05            | 47.43             | -58.41            | 412.42           | -137.84                               | 6.16                           |
| 8  | 9/17/2025 23:22 | 9/17/2025 23:27 | 0:04:51               | 44.77              | -89.27             | 414.88            | 51.17             | -63.85            | 407.52           | -138.92                               | 5.08                           |
| 9  | 9/18/2025 1:02  | 9/18/2025 1:04  | 0:02:08               | 51.78              | -77.16             | 402.79            | 51.16             | -64.35            | 399.36           | -139.96                               | 4.04                           |
| 10 | 9/18/2025 2:38  | 9/18/2025 2:42  | 0:04:42               | 49.91              | -79.52             | 383.34            | 42.04             | -56.68            | 380.70           | -136.57                               | 7.43                           |
| 11 | 9/18/2025 4:13  | 9/18/2025 4:17  | 0:04:30               | 45.70              | -88.25             | 381.72            | 35.75             | -70.13            | 379.65           | -137.62                               | 6.38                           |
| 12 | 9/18/2025 4:18  | 9/18/2025 4:18  | 0:00:10               | 34.47              | -68.44             | 379.50            | 34.03             | -67.89            | 379.45           | -141.74                               | 2.26                           |
| 13 | 9/18/2025 4:18  | 9/18/2025 4:20  | 0:01:33               | 32.72              | -66.28             | 379.33            | 28.51             | -61.61            | 379.12           | -140.43                               | 3.57                           |
| 14 | 9/18/2025 5:50  | 9/18/2025 5:54  | 0:04:01               | 33.93              | -91.26             | 405.48            | 22.83             | -79.66            | 405.44           | -138.73                               | 5.27                           |
| 15 | 9/18/2025 7:41  | 9/18/2025 7:47  | 0:05:33               | -20.06             | -70.79             | 419.65            | -35.34            | -54.96            | 424.60           | -138.18                               | 5.82                           |
| 16 | 9/18/2025 9:17  | 9/18/2025 9:20  | 0:02:20               | -29.45             | -85.51             | 426.64            | -35.57            | -78.23            | 428.71           | -140.59                               | 3.41                           |
| 17 | 9/18/2025 9:20  | 9/18/2025 9:24  | 0:03:27               | -37.22             | -75.94             | 429.27            | -44.76            | -62.22            | 431.75           | -140.35                               | 3.65                           |
| 18 | 9/18/2025 15:49 | 9/18/2025 15:56 | 0:06:30               | -43.87             | -80.66             | 428.41            | -28.01            | -57.89            | 421.11           | -138.48                               | 5.52                           |
| 19 | 9/18/2025 17:27 | 9/18/2025 17:31 | 0:04:14               | -32.38             | -86.25             | 422.96            | -20.55            | -74.55            | 418.22           | -139.37                               | 4.63                           |
| 20 | 9/18/2025 20:52 | 9/18/2025 20:52 | 0:00:00               | 25.34              | -86.55             | 414.21            | 25.34             | -86.55            | 414.21           | -142.47                               | 1.53                           |
| 21 | 9/18/2025 20:53 | 9/18/2025 21:01 | 0:07:54               | 26.72              | -85.22             | 414.45            | 45.67             | -56.88            | 419.29           | -138.61                               | 5.39                           |
| 22 | 9/18/2025 22:31 | 9/18/2025 22:37 | 0:06:05               | 40.55              | -91.18             | 417.75            | 50.56             | -61.93            | 421.06           | -139.84                               | 4.16                           |
| 23 | 9/19/2025 0:10  | 9/19/2025 0:10  | 0:00:15               | 50.63              | -85.09             | 421.07            | 50.83             | -83.69            | 421.16           | -140.76                               | 3.24                           |
| 24 | 9/19/2025 0:11  | 9/19/2025 0:13  | 0:02:12               | 51.50              | -77.24             | 421.52            | 51.66             | -64.06            | 421.97           | -139.21                               | 4.79                           |
| 25 | 9/19/2025 1:48  | 9/19/2025 1:52  | 0:04:20               | 50.86              | -78.85             | 422.06            | 44.93             | -56.40            | 421.47           | -137.38                               | 6.62                           |
| 26 | 9/19/2025 3:23  | 9/19/2025 3:30  | 0:06:50               | 47.89              | -88.35             | 421.90            | 33.27             | -60.63            | 419.85           | -137.67                               | 6.33                           |
| 27 | 9/19/2025 3:30  | 9/19/2025 3:31  | 0:00:10               | 31.95              | -59.06             | 419.68            | 31.51             | -58.55            | 419.62           | -140.85                               | 3.15                           |
| 28 | 9/19/2025 5:01  | 9/19/2025 5:01  | 0:00:20               | 37.64              | -90.06             | 420.43            | 36.82             | -88.88            | 420.32           | -141.97                               | 2.03                           |
| 29 | 9/19/2025 5:02  | 9/19/2025 5:07  | 0:04:43               | 35.16              | -86.61             | 420.08            | 22.26             | -72.92            | 418.68           | -140.24                               | 3.76                           |
| 30 | 9/19/2025 6:54  | 9/19/2025 6:57  | 0:02:40               | -21.81             | -63.08             | 424.11            | -29.31            | -55.89            | 426.52           | -138.71                               | 5.29                           |
| 31 | 9/19/2025 8:28  | 9/19/2025 8:28  | 0:00:09               | -25.66             | -83.15             | 425.41            | -26.09            | -82.74            | 425.55           | -142.56                               | 1.44                           |
| 32 | 9/19/2025 8:29  | 9/19/2025 8:30  | 0:00:40               | -27.95             | -80.89             | 426.16            | -29.78            | -78.97            | 426.77           | -141.14                               | 2.86                           |
| 33 | 9/19/2025 8:30  | 9/19/2025 8:31  | 0:00:10               | -31.57             | -76.98             | 427.38            | -32.02            | -76.47            | 427.53           | -141.58                               | 2.42                           |
| 34 | 9/19/2025 8:31  | 9/19/2025 8:35  | 0:04:11               | -33.33             | -74.91             | 427.98            | -43.19            | -59.51            | 431.33           | -138.94                               | 5.06                           |
| 35 | 9/19/2025 15:01 | 9/19/2025 15:07 | 0:06:00               | -45.26             | -77.71             | 429.17            | -31.36            | -55.30            | 422.56           | -138.04                               | 5.96                           |
| 36 | 9/19/2025 16:37 | 9/19/2025 16:37 | 0:00:00               | -37.01             | -86.07             | 425.11            | -37.01            | -86.07            | 425.11           | -140.00                               | 4.00                           |
| 37 | 9/19/2025 16:38 | 9/19/2025 16:39 | 0:01:30               | -35.79             | -84.37             | 424.53            | -31.91            | -79.52            | 422.78           | -141.03                               | 2.97                           |
| 38 | 9/19/2025 16:40 | 9/19/2025 16:44 | 0:03:39               | -30.58             | -78.01             | 422.19            | -20.28            | -68.13            | 418.10           | -140.02                               | 3.98                           |
| 39 | 9/19/2025 20:04 | 9/19/2025 20:12 | 0:07:56               | 23.33              | -82.23             | 413.71            | 43.44             | -55.88            | 418.39           | -138.35                               | 5.65                           |
| 40 | 9/19/2025 21:41 | 9/19/2025 21:42 | 0:00:30               | 36.24              | -91.63             | 416.37            | 37.46             | -89.91            | 416.68           | -142.49                               | 1.51                           |
| 41 | 9/19/2025 21:42 | 9/19/2025 21:42 | 0:00:10               | 38.66              | -88.10             | 417.00            | 39.05             | -87.49            | 417.11           | -142.82                               | 1.18                           |
| 42 | 9/19/2025 21:43 | 9/19/2025 21:48 | 0:05:22               | 40.21              | -85.59             | 417.43            | 49.68             | -60.60            | 420.46           | -139.27                               | 4.73                           |
| 43 | 9/19/2025 23:21 | 9/19/2025 23:25 | 0:03:51               | 49.16              | -86.53             | 420.27            | 51.78             | -64.38            | 421.57           | -139.57                               | 4.43                           |
| 44 | 9/20/2025 0:59  | 9/20/2025 1:03  | 0:03:24               | 51.37              | -77.25             | 421.78            | 47.85             | -58.44            | 421.60           | -137.74                               | 6.26                           |
| 45 | 9/20/2025 2:34  | 9/20/2025 2:42  | 0:07:09               | 49.08              | -86.65             | 421.79            | 34.69             | -56.21            | 419.86           | -137.59                               | 6.41                           |
| 46 | 9/20/2025 4:11  | 9/20/2025 4:14  | 0:02:50               | 41.90              | -90.95             | 420.87            | 35.22             | -80.49            | 419.93           | -139.15                               | 4.85                           |
| 47 | 9/20/2025 4:15  | 9/20/2025 4:19  | 0:03:48               | 33.94              | -78.85             | 419.76            | 23.51             | -67.86            | 418.64           | -140.62                               | 3.38                           |
| 48 | 9/20/2025 7:40  | 9/20/2025 7:41  | 0:01:19               | -22.66             | -79.72             | 424.47            | -26.41            | -76.23            | 425.68           | -140.22                               | 3.78                           |
| 49 | 9/20/2025 7:42  | 9/20/2025 7:47  | 0:05:06               | -28.27             | -74.38             | 426.30            | -41.12            | -57.29            | 430.73           | -137.93                               | 6.07                           |
| 50 | 9/20/2025 9:19  | 9/20/2025 9:19  | 0:00:00               | -40.06             | -82.73             | 430.35            | -40.06            | -82.73            | 430.35           | -142.36                               | 1.64                           |
| 51 | 9/20/2025 9:19  | 9/20/2025 9:19  | 0:00:00               | -41.18             | -80.78             | 430.72            | -41.18            | -80.78            | 430.72           | -143.15                               | 0.85                           |
| 52 | 9/20/2025 9:20  | 9/20/2025 9:22  | 0:01:40               | -43.30             | -76.67             | 431.42            | -46.44            | -69.11            | 432.40           | -141.50                               | 2.50                           |
| 53 | 9/20/2025 14:13 | 9/20/2025 14:17 | 0:04:40               | -46.20             | -73.95             | 429.76            | -36.15            | -55.08            | 424.81           | -137.39                               | 6.61                           |
| 54 | 9/20/2025 15:48 | 9/20/2025 15:51 | 0:02:59               | -40.11             | -84.68             | 426.63            | -32.74            | -74.30            | 423.16           | -139.37                               | 4.63                           |
| 55 | 9/20/2025 15:52 | 9/20/2025 15:53 | 0:00:40               | -31.41             | -72.76             | 422.57            | -29.61            | -70.77            | 421.78           | -141.19                               | 2.81                           |
| 56 | 9/20/2025 15:53 | 9/20/2025 15:55 | 0:02:15               | -28.24             | -69.33             | 421.19            | -21.84            | -63.28            | 418.64           | -140.57                               | 3.43                           |
| 57 | 9/20/2025 19:16 | 9/20/2025 19:22 | 0:06:55               | 22.28              | -76.98             | 413.33            | 40.48             | -55.34            | 417.25           | -137.84                               | 6.16                           |
| 58 | 9/20/2025 20:51 | 9/20/2025 20:51 | 0:00:00               | 30.64              | -92.35             | 414.81            | 30.64             | -92.35            | 414.81           | -142.38                               | 1.62                           |
| 59 | 9/20/2025 20:52 | 9/20/2025 20:52 | 0:00:10               | 32.39              | -90.34             | 415.19            | 32.83             | -89.82            | 415.28           | -140.30                               | 3.70                           |
| 60 | 9/20/2025 20:53 | 9/20/2025 20:54 | 0:01:00               | 34.14              | -88.22             | 415.58            | 36.66             | -84.85            | 416.20           | -140.33                               | 3.67                           |

Table 9 Berthed GN 3Mbps (3M00G1D) PFD Exceedances

|     | Start Time      | Stop Time       | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m <sup>2</sup> /4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|-----------------|-----------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------------------|--------------------------------|
| 61  | 9/20/2025 20:54 | 9/20/2025 20:55 | 0:00:10               | 38.29              | -82.48             | 416.62            | 38.68             | -81.87            | 416.73           | -140.45                               | 3.55                           |
| 62  | 9/20/2025 20:55 | 9/20/2025 21:00 | 0:04:37               | 39.85              | -79.99             | 417.05            | 48.54             | -59.22            | 419.74           | -138.50                               | 5.50                           |
| 63  | 9/20/2025 22:31 | 9/20/2025 22:36 | 0:04:19               | 47.10              | -87.68             | 419.25            | 51.57             | -63.91            | 421.05           | -139.83                               | 4.17                           |
| 64  | 9/21/2025 0:10  | 9/21/2025 0:13  | 0:02:48               | 51.74              | -77.24             | 421.37            | 49.96             | -60.96            | 421.50           | -139.00                               | 5.00                           |
| 65  | 9/21/2025 1:46  | 9/21/2025 1:52  | 0:06:39               | 50.24              | -86.03             | 421.57            | 38.45             | -55.30            | 420.14           | -137.68                               | 6.32                           |
| 66  | 9/21/2025 3:22  | 9/21/2025 3:26  | 0:03:19               | 44.33              | -89.78             | 420.97            | 36.96             | -76.68            | 419.95           | -138.37                               | 5.63                           |
| 67  | 9/21/2025 3:26  | 9/21/2025 3:27  | 0:01:00               | 35.72              | -74.96             | 419.79            | 33.15             | -71.68            | 419.46           | -139.73                               | 4.27                           |
| 68  | 9/21/2025 3:28  | 9/21/2025 3:30  | 0:02:15               | 31.83              | -70.12             | 419.29            | 25.67             | -63.67            | 418.65           | -141.41                               | 2.59                           |
| 69  | 9/21/2025 5:01  | 9/21/2025 5:03  | 0:01:50               | 30.76              | -92.50             | 419.10            | 25.68             | -87.26            | 418.60           | -140.40                               | 3.60                           |
| 70  | 9/21/2025 6:51  | 9/21/2025 6:58  | 0:06:27               | -21.10             | -74.90             | 423.99            | -38.39            | -55.62            | 429.86           | -138.19                               | 5.81                           |
| 71  | 9/21/2025 8:28  | 9/21/2025 8:34  | 0:05:37               | -33.04             | -86.46             | 428.00            | -45.72            | -64.86            | 432.31           | -139.86                               | 4.14                           |
| 72  | 9/21/2025 13:25 | 9/21/2025 13:27 | 0:02:14               | -46.28             | -67.98             | 429.95            | -41.94            | -58.16            | 427.73           | -138.12                               | 5.88                           |
| 73  | 9/21/2025 15:00 | 9/21/2025 15:06 | 0:06:29               | -42.42             | -82.66             | 427.88            | -26.06            | -60.96            | 420.33           | -138.63                               | 5.37                           |
| 74  | 9/21/2025 18:28 | 9/21/2025 18:33 | 0:04:52               | 22.88              | -70.24             | 413.21            | 36.09             | -55.87            | 415.83           | -138.14                               | 5.86                           |
| 75  | 9/21/2025 20:02 | 9/21/2025 20:03 | 0:00:59               | 27.50              | -89.46             | 414.00            | 30.21             | -86.61            | 414.51           | -141.23                               | 2.77                           |
| 76  | 9/21/2025 20:04 | 9/21/2025 20:05 | 0:00:40               | 31.56              | -85.11             | 414.79            | 33.32             | -83.03            | 415.18           | -141.17                               | 2.83                           |
| 77  | 9/21/2025 20:05 | 9/21/2025 20:05 | 0:00:00               | 35.46              | -80.29             | 415.68            | 35.46             | -80.29            | 415.68           | -141.19                               | 2.81                           |
| 78  | 9/21/2025 20:06 | 9/21/2025 20:11 | 0:04:48               | 37.12              | -78.00             | 416.09            | 47.10             | -57.89            | 418.98           | -137.44                               | 6.56                           |
| 79  | 9/21/2025 21:42 | 9/21/2025 21:42 | 0:00:00               | 44.05              | -89.36             | 418.03            | 44.05             | -89.36            | 418.03           | -140.99                               | 3.01                           |
| 80  | 9/21/2025 21:42 | 9/21/2025 21:42 | 0:00:00               | 45.01              | -87.13             | 418.33            | 45.01             | -87.13            | 418.33           | -143.15                               | 0.85                           |
| 81  | 9/21/2025 21:43 | 9/21/2025 21:43 | 0:00:00               | 45.92              | -84.82             | 418.61            | 45.92             | -84.82            | 418.61           | -140.71                               | 3.29                           |
| 82  | 9/21/2025 21:43 | 9/21/2025 21:47 | 0:03:37               | 46.78              | -82.43             | 418.89            | 51.10             | -62.95            | 420.50           | -139.21                               | 4.79                           |
| 83  | 9/21/2025 23:21 | 9/21/2025 23:24 | 0:02:22               | 51.75              | -77.23             | 420.91            | 51.20             | -63.11            | 421.23           | -139.59                               | 4.41                           |
| 84  | 9/22/2025 0:57  | 9/22/2025 0:57  | 0:00:06               | 50.92              | -84.32             | 421.28            | 50.84             | -83.71            | 421.29           | -140.35                               | 3.65                           |
| 85  | 9/22/2025 0:58  | 9/22/2025 1:03  | 0:05:13               | 50.45              | -81.05             | 421.28            | 42.17             | -55.48            | 420.38           | -137.52                               | 6.48                           |
| 86  | 9/22/2025 2:33  | 9/22/2025 2:39  | 0:06:00               | 46.46              | -88.96             | 420.98            | 33.12             | -65.45            | 419.22           | -138.58                               | 5.42                           |
| 87  | 9/22/2025 2:40  | 9/22/2025 2:41  | 0:00:50               | 31.80              | -63.89             | 419.06            | 29.55             | -61.39            | 418.81           | -141.74                               | 2.26                           |
| 88  | 9/22/2025 4:11  | 9/22/2025 4:11  | 0:00:00               | 35.14              | -91.58             | 419.41            | 35.14             | -91.58            | 419.41           | -142.78                               | 1.22                           |
| 89  | 9/22/2025 4:12  | 9/22/2025 4:16  | 0:04:13               | 33.89              | -89.98             | 419.26            | 22.26             | -77.92            | 418.16           | -140.26                               | 3.74                           |
| 90  | 9/22/2025 6:03  | 9/22/2025 6:08  | 0:05:15               | -20.01             | -69.63             | 423.59            | -34.54            | -54.81            | 428.49           | -138.40                               | 5.60                           |
| 91  | 9/22/2025 7:39  | 9/22/2025 7:42  | 0:03:20               | -28.67             | -85.15             | 426.49            | -37.34            | -74.58            | 429.54           | -141.46                               | 2.54                           |
| 92  | 9/22/2025 7:43  | 9/22/2025 7:46  | 0:02:46               | -38.53             | -72.79             | 429.96            | -44.49            | -61.65            | 431.99           | -139.80                               | 4.20                           |
| 93  | 9/22/2025 14:11 | 9/22/2025 14:16 | 0:05:30               | -44.18             | -80.14             | 428.87            | -31.18            | -60.09            | 422.61           | -138.46                               | 5.54                           |
| 94  | 9/22/2025 14:17 | 9/22/2025 14:18 | 0:00:40               | -29.83             | -58.60             | 422.00            | -28.00            | -56.68            | 421.21           | -141.45                               | 2.55                           |
| 95  | 9/22/2025 15:49 | 9/22/2025 15:49 | 0:00:00               | -31.74             | -84.32             | 422.84            | -31.74            | -84.32            | 422.84           | -143.72                               | 0.28                           |
| 96  | 9/22/2025 15:49 | 9/22/2025 15:53 | 0:03:35               | -30.40             | -82.81             | 422.24            | -20.27            | -73.11            | 418.11           | -139.53                               | 4.47                           |
| 97  | 9/22/2025 19:14 | 9/22/2025 19:14 | 0:00:10               | 26.28              | -84.45             | 413.65            | 26.75             | -84.00            | 413.73           | -143.42                               | 0.58                           |
| 98  | 9/22/2025 19:15 | 9/22/2025 19:15 | 0:00:00               | 29.06              | -81.64             | 414.14            | 29.06             | -81.64            | 414.14           | -143.66                               | 0.34                           |
| 99  | 9/22/2025 19:16 | 9/22/2025 19:22 | 0:06:20               | 30.43              | -80.17             | 414.40            | 45.27             | -56.69            | 418.20           | -137.54                               | 6.46                           |
| 100 | 9/22/2025 20:52 | 9/22/2025 20:54 | 0:01:20               | 39.88              | -91.13             | 416.66            | 42.79             | -85.81            | 417.47           | -140.83                               | 3.17                           |
| 101 | 9/22/2025 20:55 | 9/22/2025 20:58 | 0:03:22               | 45.71              | -79.17             | 418.34            | 50.40             | -61.72            | 419.97           | -139.48                               | 4.52                           |
| 102 | 9/22/2025 22:31 | 9/22/2025 22:32 | 0:00:23               | 50.33              | -85.72             | 419.92            | 50.68             | -83.52            | 420.07           | -141.80                               | 2.20                           |
| 103 | 9/22/2025 22:33 | 9/22/2025 22:35 | 0:02:10               | 51.41              | -77.24             | 420.43            | 51.72             | -64.27            | 420.89           | -139.95                               | 4.05                           |
| 104 | 9/23/2025 0:09  | 9/23/2025 0:13  | 0:04:04               | 50.92              | -78.12             | 421.01            | 45.57             | -56.77            | 420.55           | -138.69                               | 5.31                           |
| 105 | 9/23/2025 1:45  | 9/23/2025 1:50  | 0:05:40               | 48.16              | -88.09             | 420.91            | 36.72             | -63.93            | 419.43           | -137.98                               | 6.02                           |
| 106 | 9/23/2025 1:51  | 9/23/2025 1:52  | 0:00:40               | 35.05              | -61.66             | 419.22            | 33.33             | -59.49            | 419.00           | -140.39                               | 3.61                           |
| 107 | 9/23/2025 1:52  | 9/23/2025 1:52  | 0:00:05               | 32.01              | -57.92             | 418.84            | 31.80             | -57.68            | 418.82           | -140.70                               | 3.30                           |
| 108 | 9/23/2025 3:22  | 9/23/2025 3:23  | 0:00:20               | 38.42              | -90.03             | 419.63            | 37.64             | -88.84            | 419.52           | -141.85                               | 2.15                           |
| 109 | 9/23/2025 3:23  | 9/23/2025 3:23  | 0:00:00               | 35.58              | -85.95             | 419.26            | 35.58             | -85.95            | 419.26           | -141.37                               | 2.63                           |
| 110 | 9/23/2025 3:24  | 9/23/2025 3:28  | 0:04:19               | 34.30              | -84.29             | 419.10            | 22.43             | -71.86            | 417.98           | -140.00                               | 4.00                           |
| 111 | 9/23/2025 5:17  | 9/23/2025 5:18  | 0:00:59               | -23.77             | -60.12             | 424.69            | -26.56            | -57.48            | 425.63           | -138.31                               | 5.69                           |
| 112 | 9/23/2025 6:50  | 9/23/2025 6:50  | 0:00:29               | -25.01             | -82.55             | 425.20            | -26.37            | -81.25            | 425.66           | -143.21                               | 0.79                           |
| 113 | 9/23/2025 6:51  | 9/23/2025 6:52  | 0:00:50               | -29.14             | -78.44             | 426.62            | -31.40            | -75.97            | 427.42           | -142.74                               | 1.26                           |
| 114 | 9/23/2025 6:53  | 9/23/2025 6:57  | 0:04:05               | -33.16             | -73.91             | 428.04            | -42.83            | -59.03            | 431.46           | -139.43                               | 4.57                           |
| 115 | 9/23/2025 8:30  | 9/23/2025 8:31  | 0:01:28               | -43.25             | -81.74             | 431.56            | -46.03            | -75.21            | 432.46           | -138.18                               | 5.82                           |
| 116 | 9/23/2025 13:22 | 9/23/2025 13:24 | 0:01:29               | -45.49             | -77.06             | 429.61            | -42.57            | -70.54            | 428.11           | -139.50                               | 4.50                           |
| 117 | 9/23/2025 13:24 | 9/23/2025 13:26 | 0:01:10               | -41.13             | -67.83             | 427.39            | -38.46            | -63.39            | 426.07           | -141.02                               | 2.98                           |
| 118 | 9/23/2025 13:26 | 9/23/2025 13:28 | 0:01:48               | -36.85             | -61.02             | 425.29            | -32.25            | -55.10            | 423.13           | -140.33                               | 3.67                           |
| 119 | 9/23/2025 14:59 | 9/23/2025 15:05 | 0:06:22               | -37.71             | -85.86             | 425.67            | -20.48            | -67.08            | 418.18           | -137.95                               | 6.05                           |
| 120 | 9/23/2025 18:25 | 9/23/2025 18:30 | 0:05:00               | 23.04              | -81.26             | 413.01            | 36.56             | -66.38            | 415.59           | -140.22                               | 3.78                           |

Table 9 Berthed GN 3Mbps (3M00G1D) PFD Exceedances

|     | Start Time      | Stop Time       | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m <sup>2</sup> /4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|-----------------|-----------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------------------|--------------------------------|
| 121 | 9/23/2025 18:31 | 9/23/2025 18:33 | 0:02:16               | 37.78              | -64.62             | 415.89            | 42.91             | -55.75            | 417.30           | -139.91                               | 4.09                           |
| 122 | 9/23/2025 20:03 | 9/23/2025 20:10 | 0:06:58               | 35.91              | -90.87             | 415.44            | 49.47             | -60.36            | 419.36           | -137.37                               | 6.63                           |
| 123 | 9/23/2025 21:42 | 9/23/2025 21:46 | 0:04:00               | 48.70              | -87.19             | 419.09            | 51.76             | -64.40            | 420.47           | -138.44                               | 5.56                           |
| 124 | 9/23/2025 23:21 | 9/23/2025 23:24 | 0:03:00               | 51.47              | -77.24             | 420.70            | 48.72             | -60.37            | 420.64           | -139.92                               | 4.08                           |
| 125 | 9/24/2025 0:56  | 9/24/2025 0:59  | 0:03:00               | 49.37              | -86.64             | 420.76            | 44.62             | -71.83            | 420.25           | -140.11                               | 3.89                           |
| 126 | 9/24/2025 1:00  | 9/24/2025 1:03  | 0:03:15               | 42.96              | -68.21             | 420.03            | 35.44             | -55.97            | 419.04           | -141.15                               | 2.85                           |
| 127 | 9/24/2025 2:33  | 9/24/2025 2:38  | 0:04:59               | 42.43              | -90.74             | 419.94            | 30.20             | -73.26            | 418.43           | -138.88                               | 5.12                           |
| 128 | 9/24/2025 2:38  | 9/24/2025 2:39  | 0:00:50               | 28.84              | -71.80             | 418.29            | 26.52             | -69.45            | 418.08           | -140.29                               | 3.71                           |
| 129 | 9/24/2025 2:40  | 9/24/2025 2:40  | 0:00:00               | 25.11              | -68.10             | 417.97            | 25.11             | -68.10            | 417.97           | -142.27                               | 1.73                           |
| 130 | 9/24/2025 6:01  | 9/24/2025 6:03  | 0:02:30               | -22.17             | -78.92             | 424.23            | -29.21            | -72.16            | 426.63           | -141.29                               | 2.71                           |
| 131 | 9/24/2025 6:04  | 9/24/2025 6:04  | 0:00:00               | -30.56             | -70.69             | 427.12            | -30.56            | -70.69            | 427.12           | -143.44                               | 0.56                           |
| 132 | 9/24/2025 6:04  | 9/24/2025 6:08  | 0:03:33               | -31.90             | -69.18             | 427.60            | -40.64            | -56.91            | 430.75           | -139.92                               | 4.08                           |
| 133 | 9/24/2025 7:39  | 9/24/2025 7:44  | 0:04:24               | -37.04             | -86.17             | 429.44            | -46.35            | -68.11            | 432.64           | -138.04                               | 5.96                           |
| 134 | 9/24/2025 12:34 | 9/24/2025 12:35 | 0:00:50               | -46.05             | -72.31             | 430.02            | -44.52            | -68.50            | 429.22           | -141.58                               | 2.42                           |
| 135 | 9/24/2025 12:36 | 9/24/2025 12:36 | 0:00:00               | -43.20             | -65.60             | 428.55            | -43.20            | -65.60            | 428.55           | -142.35                               | 1.65                           |
| 136 | 9/24/2025 12:36 | 9/24/2025 12:38 | 0:01:49               | -41.43             | -62.16             | 427.65            | -37.20            | -55.31            | 425.56           | -140.20                               | 3.80                           |
| 137 | 9/24/2025 14:10 | 9/24/2025 14:15 | 0:05:30               | -40.63             | -84.32             | 427.17            | -26.55            | -66.38            | 420.61           | -137.58                               | 6.42                           |
| 138 | 9/24/2025 14:16 | 9/24/2025 14:17 | 0:01:00               | -25.14             | -65.02             | 420.02            | -22.29            | -62.43            | 418.87           | -141.75                               | 2.25                           |
| 139 | 9/24/2025 17:37 | 9/24/2025 17:44 | 0:06:36               | 22.24              | -75.76             | 412.71            | 39.73             | -55.35            | 416.16           | -139.44                               | 4.56                           |
| 140 | 9/24/2025 19:13 | 9/24/2025 19:13 | 0:00:10               | 29.98              | -91.82             | 413.95            | 30.43             | -91.33            | 414.03           | -141.23                               | 2.77                           |
| 141 | 9/24/2025 19:13 | 9/24/2025 19:13 | 0:00:00               | 31.77              | -89.81             | 414.30            | 31.77             | -89.81            | 414.30           | -140.34                               | 3.66                           |
| 142 | 9/24/2025 19:14 | 9/24/2025 19:14 | 0:00:20               | 33.09              | -88.25             | 414.57            | 33.96             | -87.18            | 414.76           | -141.59                               | 2.41                           |
| 143 | 9/24/2025 19:15 | 9/24/2025 19:21 | 0:06:19               | 35.24              | -85.54             | 415.04            | 48.27             | -58.97            | 418.64           | -137.89                               | 6.11                           |
| 144 | 9/24/2025 20:52 | 9/24/2025 20:57 | 0:04:41               | 46.15              | -89.16             | 417.98            | 51.49             | -63.80            | 419.94           | -137.56                               | 6.44                           |
| 145 | 9/24/2025 22:32 | 9/24/2025 22:34 | 0:02:41               | 51.77              | -77.23             | 420.28            | 50.30             | -61.52            | 420.44           | -138.92                               | 5.08                           |
| 146 | 9/25/2025 0:07  | 9/25/2025 0:10  | 0:03:19               | 50.39              | -85.63             | 420.50            | 45.78             | -68.46            | 420.09           | -139.87                               | 4.13                           |
| 147 | 9/25/2025 0:11  | 9/25/2025 0:11  | 0:00:00               | 44.54              | -65.41             | 419.94            | 44.54             | -65.41            | 419.94           | -140.68                               | 3.32                           |
| 148 | 9/25/2025 0:11  | 9/25/2025 0:11  | 0:00:00               | 43.55              | -63.22             | 419.82            | 43.55             | -63.22            | 419.82           | -142.47                               | 1.53                           |
| 149 | 9/25/2025 0:12  | 9/25/2025 0:13  | 0:01:29               | 42.52              | -61.10             | 419.69            | 39.23             | -55.27            | 419.26           | -141.52                               | 2.48                           |
| 150 | 9/25/2025 1:44  | 9/25/2025 1:51  | 0:06:50               | 44.73              | -89.46             | 419.99            | 28.30             | -65.01            | 418.03           | -137.54                               | 6.46                           |
| 151 | 9/25/2025 1:51  | 9/25/2025 1:51  | 0:00:15               | 26.91              | -63.61             | 417.91            | 26.21             | -62.93            | 417.85           | -140.99                               | 3.01                           |
| 152 | 9/25/2025 3:22  | 9/25/2025 3:25  | 0:02:37               | 31.44              | -91.99             | 418.27            | 24.19             | -84.61            | 417.66           | -138.64                               | 5.36                           |
| 153 | 9/25/2025 5:12  | 9/25/2025 5:16  | 0:03:29               | -20.37             | -74.25             | 423.59            | -30.20            | -64.86            | 426.97           | -140.39                               | 3.61                           |
| 154 | 9/25/2025 5:16  | 9/25/2025 5:16  | 0:00:00               | -31.55             | -63.36             | 427.46            | -31.55            | -63.36            | 427.46           | -141.52                               | 2.48                           |
| 155 | 9/25/2025 5:17  | 9/25/2025 5:19  | 0:01:56               | -32.87             | -61.81             | 427.94            | -37.72            | -55.37            | 429.72           | -140.68                               | 3.32                           |
| 156 | 9/25/2025 6:49  | 9/25/2025 6:55  | 0:05:52               | -32.09             | -86.32             | 427.69            | -45.51            | -64.13            | 432.46           | -137.82                               | 6.18                           |
| 157 | 9/25/2025 11:46 | 9/25/2025 11:47 | 0:00:19               | -45.84             | -65.53             | 430.05            | -45.26            | -64.05            | 429.75           | -142.93                               | 1.07                           |
| 158 | 9/25/2025 11:48 | 9/25/2025 11:48 | 0:00:02               | -43.66             | -60.35             | 428.92            | -43.58            | -60.19            | 428.88           | -142.45                               | 1.55                           |
| 159 | 9/25/2025 13:21 | 9/25/2025 13:25 | 0:04:29               | -42.82             | -82.19             | 428.40            | -32.08            | -66.05            | 423.15           | -139.31                               | 4.69                           |
| 160 | 9/25/2025 13:26 | 9/25/2025 13:27 | 0:00:40               | -29.84             | -63.54             | 422.13            | -28.01            | -61.62            | 421.32           | -141.31                               | 2.69                           |
| 161 | 9/25/2025 13:27 | 9/25/2025 13:28 | 0:00:31               | -26.62             | -60.23             | 420.72            | -25.14            | -58.81            | 420.09           | -140.45                               | 3.55                           |
| 162 | 9/25/2025 15:00 | 9/25/2025 15:01 | 0:00:50               | -26.38             | -83.58             | 420.61            | -24.04            | -81.37            | 419.64           | -138.33                               | 5.67                           |
| 163 | 9/25/2025 16:50 | 9/25/2025 16:54 | 0:03:59               | 23.43              | -68.47             | 412.71            | 34.36             | -56.86            | 414.66           | -139.54                               | 4.46                           |
| 164 | 9/25/2025 18:24 | 9/25/2025 18:25 | 0:01:29               | 26.82              | -88.86             | 419.67            | 30.89             | -84.58            | 420.57           | -141.10                               | 2.90                           |
| 165 | 9/25/2025 18:26 | 9/25/2025 18:26 | 0:00:10               | 32.23              | -83.06             | 420.89            | 32.67             | -82.54            | 421.00           | -141.37                               | 2.63                           |
| 166 | 9/25/2025 18:26 | 9/25/2025 18:26 | 0:00:00               | 33.97              | -80.95             | 421.32            | 33.97             | -80.95            | 421.32           | -142.04                               | 1.96                           |
| 167 | 9/25/2025 18:27 | 9/25/2025 18:32 | 0:05:13               | 35.67              | -78.74             | 421.76            | 46.82             | -57.45            | 425.04           | -138.22                               | 5.78                           |
| 168 | 9/25/2025 20:03 | 9/25/2025 20:08 | 0:05:36               | 42.83              | -90.69             | 423.82            | 51.01             | -62.44            | 426.50           | -138.12                               | 5.88                           |
| 169 | 9/25/2025 21:43 | 9/25/2025 21:45 | 0:02:23               | 51.71              | -77.26             | 426.82            | 51.31             | -63.02            | 426.97           | -139.22                               | 4.78                           |
| 170 | 9/25/2025 23:19 | 9/25/2025 23:19 | 0:00:04               | 51.07              | -84.29             | 426.99            | 51.02             | -83.89            | 426.98           | -141.47                               | 2.53                           |
| 171 | 9/25/2025 23:19 | 9/25/2025 23:22 | 0:02:49               | 50.61              | -80.88             | 426.93            | 47.05             | -65.88            | 426.31           | -139.95                               | 4.05                           |
| 172 | 9/25/2025 23:22 | 9/25/2025 23:24 | 0:01:48               | 46.22              | -63.47             | 426.14            | 42.78             | -55.47            | 425.43           | -139.20                               | 4.80                           |
| 173 | 9/26/2025 0:55  | 9/26/2025 1:00  | 0:04:59               | 46.82              | -88.77             | 426.31            | 36.24             | -68.28            | 424.13           | -139.24                               | 4.76                           |
| 174 | 9/26/2025 1:00  | 9/26/2025 1:01  | 0:00:50               | 34.99              | -66.59             | 423.88            | 32.83             | -63.90            | 423.46           | -141.60                               | 2.40                           |
| 175 | 9/26/2025 1:02  | 9/26/2025 1:02  | 0:00:00               | 31.06              | -61.85             | 423.13            | 31.06             | -61.85            | 423.13           | -143.37                               | 0.63                           |
| 176 | 9/26/2025 1:03  | 9/26/2025 1:03  | 0:00:05               | 29.26              | -59.88             | 422.81            | 29.02             | -59.63            | 422.77           | -143.16                               | 0.84                           |
| 177 | 9/26/2025 2:33  | 9/26/2025 2:38  | 0:05:12               | 36.20              | -91.82             | 424.07            | 22.07             | -76.57            | 421.72           | -138.64                               | 5.36                           |
| 178 | 9/26/2025 4:25  | 9/26/2025 4:29  | 0:03:59               | -20.11             | -68.38             | 424.82            | -31.30            | -57.54            | 428.14           | -139.77                               | 4.23                           |
| 179 | 9/26/2025 4:29  | 9/26/2025 4:30  | 0:00:23               | -32.63             | -56.00             | 428.57            | -33.61            | -54.81            | 428.89           | -141.89                               | 2.11                           |
| 180 | 9/26/2025 6:01  | 9/26/2025 6:07  | 0:06:34               | -28.36             | -84.32             | 427.29            | -44.23            | -61.11            | 432.45           | -138.20                               | 5.80                           |

Table 9 Berthed GN 3Mbps (3M00G1D) PFD Exceedances

|     | Start Time      | Stop Time       | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m <sup>2</sup> /4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|-----------------|-----------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------------------|--------------------------------|
| 181 | 9/26/2025 12:33 | 9/26/2025 12:36 | 0:03:19               | -44.45             | -79.69             | 430.54            | -37.13            | -66.56            | 427.43           | -140.33                               | 3.67                           |
| 182 | 9/26/2025 12:37 | 9/26/2025 12:37 | 0:00:20               | -35.05             | -63.71             | 426.59            | -34.20            | -62.62            | 426.25           | -141.36                               | 2.64                           |
| 183 | 9/26/2025 12:38 | 9/26/2025 12:39 | 0:00:40               | -32.91             | -61.02             | 425.73            | -31.14            | -58.96            | 425.05           | -140.50                               | 3.50                           |
| 184 | 9/26/2025 12:39 | 9/26/2025 12:39 | 0:00:25               | -29.79             | -57.48             | 424.54            | -28.64            | -56.26            | 424.11           | -141.56                               | 2.44                           |
| 185 | 9/26/2025 14:10 | 9/26/2025 14:15 | 0:05:11               | -34.40             | -86.47             | 426.29            | -20.07            | -71.88            | 421.22           | -138.63                               | 5.37                           |
| 186 | 9/26/2025 17:36 | 9/26/2025 17:40 | 0:04:19               | 24.44              | -85.18             | 418.97            | 36.09             | -72.22            | 421.65           | -140.61                               | 3.39                           |
| 187 | 9/26/2025 17:41 | 9/26/2025 17:44 | 0:03:31               | 37.32              | -70.48             | 421.99            | 45.00             | -56.34            | 424.28           | -137.98                               | 6.02                           |
| 188 | 9/26/2025 19:15 | 9/26/2025 19:21 | 0:06:13               | 39.62              | -90.54             | 422.67            | 50.31             | -61.26            | 426.05           | -137.39                               | 6.61                           |
| 189 | 9/26/2025 20:53 | 9/26/2025 20:54 | 0:00:38               | 49.94              | -86.88             | 425.91            | 50.56             | -83.33            | 426.14           | -139.39                               | 4.61                           |
| 190 | 9/26/2025 20:55 | 9/26/2025 20:57 | 0:02:14               | 51.31              | -77.27             | 426.46            | 51.74             | -63.95            | 426.82           | -138.41                               | 5.59                           |
| 191 | 9/26/2025 22:32 | 9/26/2025 22:36 | 0:03:49               | 51.04              | -78.13             | 426.82            | 46.32             | -57.82            | 426.03           | -139.92                               | 4.08                           |
| 192 | 9/27/2025 0:07  | 9/27/2025 0:11  | 0:03:50               | 48.40              | -87.99             | 426.49            | 41.39             | -70.46            | 425.10           | -139.72                               | 4.28                           |
| 193 | 9/27/2025 0:12  | 9/27/2025 0:15  | 0:02:45               | 39.13              | -66.60             | 424.64            | 32.26             | -57.27            | 423.29           | -140.85                               | 3.15                           |
| 194 | 9/27/2025 1:45  | 9/27/2025 1:51  | 0:06:14               | 39.05              | -90.08             | 424.60            | 22.51             | -71.01            | 421.78           | -138.45                               | 5.55                           |
| 195 | 9/27/2025 5:13  | 9/27/2025 5:20  | 0:07:06               | -24.53             | -82.11             | 426.21            | -42.56            | -58.68            | 431.98           | -138.49                               | 5.51                           |
| 196 | 9/27/2025 6:52  | 9/27/2025 6:55  | 0:02:11               | -42.12             | -83.13             | 431.80            | -46.33            | -73.52            | 433.12           | -139.08                               | 4.92                           |
| 197 | 9/27/2025 11:45 | 9/27/2025 11:48 | 0:02:50               | -45.65             | -76.64             | 431.02            | -39.82            | -64.75            | 428.48           | -140.41                               | 3.59                           |
| 198 | 9/27/2025 11:49 | 9/27/2025 11:49 | 0:00:10               | -38.26             | -62.27             | 427.82            | -37.86            | -61.67            | 427.65           | -142.02                               | 1.98                           |
| 199 | 9/27/2025 11:50 | 9/27/2025 11:50 | 0:00:30               | -36.64             | -59.91             | 427.14            | -35.39            | -58.20            | 426.63           | -142.08                               | 1.92                           |
| 200 | 9/27/2025 11:51 | 9/27/2025 11:51 | 0:00:30               | -34.12             | -56.55             | 426.11            | -32.82            | -54.96            | 425.59           | -141.60                               | 2.40                           |
| 201 | 9/27/2025 13:22 | 9/27/2025 13:28 | 0:06:31               | -38.17             | -85.74             | 427.72            | -20.59            | -66.37            | 421.20           | -138.79                               | 5.21                           |
| 202 | 9/27/2025 16:49 | 9/27/2025 16:54 | 0:05:10               | 22.78              | -80.73             | 418.40            | 36.72             | -65.38            | 421.58           | -140.19                               | 3.81                           |
| 203 | 9/27/2025 16:55 | 9/27/2025 16:55 | 0:00:10               | 38.73              | -62.40             | 422.15            | 39.13             | -61.78            | 422.26           | -141.80                               | 2.20                           |
| 204 | 9/27/2025 16:55 | 9/27/2025 16:56 | 0:01:05               | 40.28              | -59.88             | 422.60            | 42.66             | -55.50            | 423.33           | -139.55                               | 4.45                           |
| 205 | 9/27/2025 18:26 | 9/27/2025 18:33 | 0:07:28               | 34.51              | -91.96             | 421.00            | 49.39             | -59.98            | 425.49           | -137.92                               | 6.08                           |
| 206 | 9/27/2025 20:05 | 9/27/2025 20:09 | 0:04:16               | 48.24              | -88.16             | 425.10            | 51.75             | -64.00            | 426.53           | -137.64                               | 6.36                           |
| 207 | 9/27/2025 21:44 | 9/27/2025 21:47 | 0:03:16               | 51.53              | -77.26             | 426.66            | 48.53             | -58.94            | 426.30           | -138.68                               | 5.32                           |
| 208 | 9/27/2025 23:19 | 9/27/2025 23:26 | 0:06:19               | 49.56              | -86.81             | 426.54            | 37.71             | -58.46            | 424.28           | -140.46                               | 3.54                           |
| 209 | 9/27/2025 23:26 | 9/27/2025 23:27 | 0:00:07               | 36.08              | -56.13             | 423.96            | 35.78             | -55.73            | 423.91           | -142.57                               | 1.43                           |
| 210 | 9/28/2025 0:56  | 9/28/2025 1:04  | 0:07:10               | 42.78              | -90.75             | 425.29            | 24.63             | -66.97            | 422.06           | -138.94                               | 5.06                           |
| 211 | 9/28/2025 4:25  | 9/28/2025 4:25  | 0:00:00               | -21.91             | -78.51             | 425.58            | -21.91            | -78.51            | 425.58           | -143.48                               | 0.52                           |
| 212 | 9/28/2025 4:25  | 9/28/2025 4:26  | 0:00:10               | -23.33             | -77.25             | 425.98            | -23.81            | -76.82            | 426.11           | -142.12                               | 1.88                           |
| 213 | 9/28/2025 4:27  | 9/28/2025 4:32  | 0:05:12               | -27.10             | -73.68             | 427.09            | -40.39            | -56.70            | 431.39           | -140.33                               | 3.67                           |
| 214 | 9/28/2025 6:03  | 9/28/2025 6:08  | 0:04:36               | -36.49             | -86.33             | 430.10            | -46.30            | -67.62            | 433.24           | -137.67                               | 6.33                           |
| 215 | 9/28/2025 10:58 | 9/28/2025 11:02 | 0:03:39               | -46.38             | -72.65             | 431.39            | -38.88            | -57.26            | 428.05           | -140.43                               | 3.57                           |
| 216 | 9/28/2025 12:34 | 9/28/2025 12:41 | 0:07:02               | -40.87             | -84.19             | 428.82            | -22.47            | -62.03            | 421.64           | -138.19                               | 5.81                           |
| 217 | 9/28/2025 16:02 | 9/28/2025 16:07 | 0:05:40               | 22.12              | -75.35             | 417.98            | 37.41             | -58.44            | 421.48           | -140.13                               | 3.87                           |
| 218 | 9/28/2025 16:08 | 9/28/2025 16:08 | 0:00:00               | 38.61              | -56.63             | 421.82            | 38.61             | -56.63            | 421.82           | -142.93                               | 1.07                           |
| 219 | 9/28/2025 17:37 | 9/28/2025 17:45 | 0:08:25               | 29.62              | -91.70             | 419.50            | 48.21             | -58.67            | 424.80           | -138.48                               | 5.52                           |
| 220 | 9/28/2025 19:17 | 9/28/2025 19:22 | 0:04:47               | 45.97              | -89.15             | 424.06            | 51.48             | -63.41            | 426.10           | -137.74                               | 6.26                           |
| 221 | 9/28/2025 20:56 | 9/28/2025 20:59 | 0:02:44               | 51.78              | -77.26             | 426.36            | 50.33             | -61.29            | 426.37           | -139.33                               | 4.67                           |
| 222 | 9/28/2025 22:32 | 9/28/2025 22:37 | 0:05:10               | 50.48              | -85.77             | 426.45            | 42.37             | -60.37            | 425.07           | -139.76                               | 4.24                           |
| 223 | 9/28/2025 22:38 | 9/28/2025 22:38 | 0:00:30               | 40.55              | -57.03             | 424.72            | 39.41             | -55.12            | 424.50           | -141.47                               | 2.53                           |
| 224 | 9/29/2025 0:08  | 9/29/2025 0:16  | 0:07:20               | 44.92              | -89.49             | 425.58            | 27.20             | -63.49            | 422.41           | -138.35                               | 5.65                           |
| 225 | 9/29/2025 1:47  | 9/29/2025 1:50  | 0:03:02               | 32.10              | -92.36             | 423.13            | 23.71             | -83.77            | 421.91           | -138.57                               | 5.43                           |
| 226 | 9/29/2025 3:37  | 9/29/2025 3:40  | 0:02:50               | -20.27             | -73.96             | 425.23            | -28.32            | -66.48            | 427.58           | -140.55                               | 3.45                           |
| 227 | 9/29/2025 3:41  | 9/29/2025 3:42  | 0:01:40               | -29.69             | -65.04             | 428.01            | -34.11            | -59.91            | 429.44           | -139.58                               | 4.42                           |
| 228 | 9/29/2025 3:43  | 9/29/2025 3:43  | 0:00:20               | -35.38             | -58.27             | 429.85            | -36.21            | -57.14            | 430.13           | -141.73                               | 2.27                           |
| 229 | 9/29/2025 5:14  | 9/29/2025 5:20  | 0:05:57               | -31.80             | -86.29             | 428.73            | -45.45            | -63.91            | 433.12           | -137.96                               | 6.04                           |
| 230 | 9/29/2025 10:12 | 9/29/2025 10:13 | 0:00:51               | -45.66             | -64.74             | 431.10            | -44.04            | -60.88            | 430.35           | -140.85                               | 3.15                           |
| 231 | 9/29/2025 11:46 | 9/29/2025 11:53 | 0:06:30               | -42.93             | -82.11             | 429.75            | -26.73            | -60.04            | 423.04           | -137.81                               | 6.19                           |
| 232 | 9/29/2025 11:53 | 9/29/2025 11:53 | 0:00:01               | -25.32             | -58.68             | 422.53            | -25.26            | -58.63            | 422.51           | -141.85                               | 2.15                           |
| 233 | 9/29/2025 13:25 | 9/29/2025 13:27 | 0:01:34               | -27.52             | -84.43             | 423.32            | -23.06            | -80.20            | 421.74           | -139.16                               | 4.84                           |
| 234 | 9/29/2025 15:15 | 9/29/2025 15:19 | 0:04:08               | 23.38              | -68.26             | 417.93            | 34.68             | -56.20            | 420.47           | -140.49                               | 3.51                           |
| 235 | 9/29/2025 16:50 | 9/29/2025 16:50 | 0:00:40               | 28.09              | -87.34             | 418.91            | 29.92             | -85.41            | 419.31           | -142.71                               | 1.29                           |
| 236 | 9/29/2025 16:51 | 9/29/2025 16:51 | 0:00:00               | 31.27              | -83.92             | 419.62            | 31.27             | -83.92            | 419.62           | -143.31                               | 0.69                           |
| 237 | 9/29/2025 16:51 | 9/29/2025 16:58 | 0:06:22               | 32.60              | -82.38             | 419.95            | 46.74             | -57.42            | 424.07           | -139.02                               | 4.98                           |
| 238 | 9/29/2025 18:28 | 9/29/2025 18:34 | 0:05:37               | 42.69              | -90.71             | 422.79            | 50.98             | -62.44            | 425.64           | -137.66                               | 6.34                           |
| 239 | 9/29/2025 20:08 | 9/29/2025 20:11 | 0:02:22               | 51.70              | -77.26             | 426.01            | 51.35             | -63.12            | 426.27           | -137.65                               | 6.35                           |
| 240 | 9/29/2025 21:44 | 9/29/2025 21:44 | 0:00:03               | 51.09              | -84.20             | 426.30            | 51.06             | -83.94            | 426.30           | -140.11                               | 3.89                           |

Table 9 Berthed GN 3Mbps (3M00G1D) PFD Exceedances

|     | Start Time      | Stop Time       | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m <sup>2</sup> /4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|-----------------|-----------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------------------|--------------------------------|
| 241 | 9/29/2025 21:45 | 9/29/2025 21:50 | 0:05:04               | 50.62              | -80.74             | 426.27            | 42.93             | -55.52            | 425.03           | -139.12                               | 4.88                           |
| 242 | 9/29/2025 23:21 | 9/29/2025 23:27 | 0:06:50               | 46.87              | -88.69             | 425.79            | 31.59             | -62.20            | 423.03           | -137.61                               | 6.39                           |
| 243 | 9/29/2025 23:28 | 9/29/2025 23:28 | 0:00:20               | 30.25              | -60.70             | 422.81            | 29.34             | -59.72            | 422.67           | -140.52                               | 3.48                           |
| 244 | 9/30/2025 0:58  | 9/30/2025 1:04  | 0:05:17               | 36.42              | -91.87             | 423.82            | 22.05             | -76.31            | 421.69           | -138.36                               | 5.64                           |
| 245 | 9/30/2025 2:51  | 9/30/2025 2:55  | 0:04:46               | -20.14             | -68.10             | 425.25            | -33.40            | -54.81            | 429.27           | -139.83                               | 4.17                           |
| 246 | 9/30/2025 4:26  | 9/30/2025 4:33  | 0:06:45               | -27.75             | -84.68             | 427.55            | -44.17            | -60.99            | 432.83           | -137.77                               | 6.23                           |
| 247 | 9/30/2025 10:58 | 9/30/2025 11:05 | 0:06:09               | -44.51             | -79.57             | 430.49            | -29.86            | -57.30            | 424.18           | -138.78                               | 5.22                           |
| 248 | 9/30/2025 12:36 | 9/30/2025 12:41 | 0:05:15               | -34.60             | -86.46             | 426.07            | -20.06            | -71.61            | 420.67           | -138.47                               | 5.53                           |
| 249 | 9/30/2025 16:01 | 9/30/2025 16:02 | 0:00:59               | 24.37              | -84.98             | 417.96            | 27.17             | -82.29            | 418.50           | -139.75                               | 4.25                           |
| 250 | 9/30/2025 16:03 | 9/30/2025 16:03 | 0:00:10               | 29.02              | -80.40             | 418.89            | 29.47             | -79.92            | 418.99           | -140.64                               | 3.36                           |
| 251 | 9/30/2025 16:04 | 9/30/2025 16:05 | 0:01:00               | 30.83              | -78.44             | 419.30            | 33.48             | -75.34            | 419.95           | -141.63                               | 2.37                           |
| 252 | 9/30/2025 16:05 | 9/30/2025 16:06 | 0:00:20               | 34.77              | -73.71             | 420.29            | 35.61             | -72.60            | 420.51           | -141.20                               | 2.80                           |
| 253 | 9/30/2025 16:06 | 9/30/2025 16:10 | 0:03:30               | 36.86              | -70.88             | 420.85            | 44.60             | -57.02            | 423.18           | -140.32                               | 3.68                           |
| 254 | 9/30/2025 17:40 | 9/30/2025 17:46 | 0:06:12               | 39.57              | -90.36             | 421.65            | 50.26             | -61.24            | 425.15           | -137.79                               | 6.21                           |
| 255 | 9/30/2025 19:19 | 9/30/2025 19:19 | 0:00:39               | 49.87              | -86.96             | 424.99            | 50.52             | -83.30            | 425.25           | -138.49                               | 5.51                           |
| 256 | 9/30/2025 19:21 | 9/30/2025 19:23 | 0:02:13               | 51.29              | -77.27             | 425.60            | 51.75             | -64.02            | 426.05           | -138.33                               | 5.67                           |
| 257 | 9/30/2025 20:57 | 9/30/2025 21:01 | 0:03:57               | 51.05              | -77.92             | 426.11            | 46.10             | -56.93            | 425.45           | -139.42                               | 4.58                           |
| 258 | 9/30/2025 22:33 | 9/30/2025 22:40 | 0:07:33               | 48.44              | -87.90             | 425.90            | 32.42             | -57.19            | 423.09           | -139.28                               | 4.72                           |
| 259 | 10/1/2025 0:10  | 10/1/2025 0:17  | 0:06:17               | 39.22              | -90.07             | 424.27            | 22.56             | -70.78            | 421.73           | -138.46                               | 5.54                           |
| 260 | 10/1/2025 3:38  | 10/1/2025 3:45  | 0:07:07               | -24.38             | -81.97             | 426.62            | -42.47            | -58.57            | 432.41           | -138.71                               | 5.29                           |
| 261 | 10/1/2025 5:18  | 10/1/2025 5:20  | 0:02:22               | -41.79             | -83.48             | 432.15            | -46.39            | -73.08            | 433.56           | -139.28                               | 4.72                           |
| 262 | 10/1/2025 10:11 | 10/1/2025 10:17 | 0:05:36               | -45.69             | -76.47             | 431.05            | -33.04            | -54.94            | 425.40           | -139.70                               | 4.30                           |
| 263 | 10/1/2025 11:47 | 10/1/2025 11:54 | 0:06:33               | -38.32             | -85.68             | 427.62            | -20.67            | -66.15            | 420.73           | -138.73                               | 5.27                           |
| 264 | 10/1/2025 15:14 | 10/1/2025 15:20 | 0:05:30               | 22.74              | -80.49             | 417.41            | 37.52             | -63.94            | 420.80           | -140.08                               | 3.92                           |
| 265 | 10/1/2025 15:20 | 10/1/2025 15:20 | 0:00:00               | 38.72              | -62.13             | 421.14            | 38.72             | -62.13            | 421.14           | -142.35                               | 1.65                           |
| 266 | 10/1/2025 15:21 | 10/1/2025 15:21 | 0:00:20               | 39.89              | -60.26             | 421.49            | 40.64             | -58.97            | 421.71           | -141.91                               | 2.09                           |
| 267 | 10/1/2025 16:51 | 10/1/2025 16:59 | 0:07:28               | 34.36              | -91.86             | 419.95            | 49.33             | -59.95            | 424.55           | -137.69                               | 6.31                           |
| 268 | 10/1/2025 18:31 | 10/1/2025 18:35 | 0:04:18               | 48.13              | -88.27             | 424.12            | 51.74             | -64.03            | 425.70           | -138.45                               | 5.55                           |
| 269 | 10/1/2025 20:09 | 10/1/2025 20:13 | 0:03:14               | 51.55              | -77.26             | 425.89            | 48.65             | -59.10            | 425.69           | -138.03                               | 5.97                           |
| 270 | 10/1/2025 21:45 | 10/1/2025 21:52 | 0:07:06               | 49.63              | -86.84             | 425.88            | 35.96             | -55.68            | 423.61           | -139.53                               | 4.47                           |
| 271 | 10/1/2025 23:22 | 10/1/2025 23:29 | 0:07:24               | 42.89              | -90.69             | 424.83            | 24.13             | -66.22            | 421.89           | -138.40                               | 5.60                           |
| 272 | 10/2/2025 2:50  | 10/2/2025 2:52  | 0:01:10               | -22.28             | -77.89             | 426.13            | -25.61            | -74.84            | 427.12           | -140.66                               | 3.34                           |
| 273 | 10/2/2025 2:53  | 10/2/2025 2:53  | 0:00:00               | -28.39             | -72.07             | 427.98            | -28.39            | -72.07            | 427.98           | -143.40                               | 0.60                           |
| 274 | 10/2/2025 2:54  | 10/2/2025 2:54  | 0:00:40               | -31.11             | -69.14             | 428.85            | -32.88            | -67.09            | 429.42           | -142.48                               | 1.52                           |
| 275 | 10/2/2025 2:55  | 10/2/2025 2:55  | 0:00:00               | -34.17             | -65.50             | 429.84            | -34.17            | -65.50            | 429.84           | -142.39                               | 1.61                           |
| 276 | 10/2/2025 2:56  | 10/2/2025 2:57  | 0:01:41               | -36.28             | -62.72             | 430.54            | -40.27            | -56.61            | 431.85           | -139.99                               | 4.01                           |
| 277 | 10/2/2025 4:28  | 10/2/2025 4:33  | 0:04:41               | -36.23             | -86.39             | 430.52            | -46.28            | -67.39            | 433.70           | -138.75                               | 5.25                           |
| 278 | 10/2/2025 9:24  | 10/2/2025 9:28  | 0:04:04               | -46.41             | -72.41             | 431.48            | -37.92            | -55.50            | 427.52           | -139.36                               | 4.64                           |
| 279 | 10/2/2025 10:59 | 10/2/2025 11:06 | 0:07:03               | -40.99             | -84.09             | 428.83            | -22.59            | -61.85            | 421.28           | -138.62                               | 5.38                           |
| 280 | 10/2/2025 14:27 | 10/2/2025 14:33 | 0:06:18               | 22.61              | -74.62             | 417.10            | 39.31             | -55.22            | 421.03           | -140.33                               | 3.67                           |
| 281 | 10/2/2025 16:02 | 10/2/2025 16:11 | 0:08:25               | 29.48              | -91.55             | 418.48            | 48.14             | -58.64            | 423.83           | -137.88                               | 6.12                           |
| 282 | 10/2/2025 17:42 | 10/2/2025 17:47 | 0:04:46               | 45.90              | -89.05             | 423.07            | 51.46             | -63.41            | 425.22           | -138.63                               | 5.37                           |
| 283 | 10/2/2025 19:22 | 10/2/2025 19:24 | 0:02:42               | 51.78              | -77.25             | 425.54            | 50.41             | -61.45            | 425.66           | -137.71                               | 6.29                           |
| 284 | 10/2/2025 20:57 | 10/2/2025 21:03 | 0:06:27               | 50.51              | -85.66             | 425.73            | 39.60             | -55.12            | 424.10           | -139.34                               | 4.66                           |
| 285 | 10/2/2025 22:34 | 10/2/2025 22:41 | 0:07:39               | 45.02              | -89.40             | 425.04            | 26.45             | -62.44            | 422.13           | -138.93                               | 5.07                           |
| 286 | 10/3/2025 0:12  | 10/3/2025 0:15  | 0:03:09               | 32.24              | -92.20             | 422.87            | 23.52             | -83.27            | 421.75           | -138.33                               | 5.67                           |
| 287 | 10/3/2025 2:03  | 10/3/2025 2:03  | 0:00:00               | -20.68             | -73.29             | 425.79            | -20.68            | -73.29            | 425.79           | -141.58                               | 2.42                           |
| 288 | 10/3/2025 2:03  | 10/3/2025 2:03  | 0:00:00               | -22.13             | -72.04             | 426.20            | -22.13            | -72.04            | 426.20           | -142.48                               | 1.52                           |
| 289 | 10/3/2025 2:04  | 10/3/2025 2:05  | 0:00:40               | -24.52             | -69.88             | 426.90            | -26.40            | -68.09            | 427.47           | -141.78                               | 2.22                           |
| 290 | 10/3/2025 2:05  | 10/3/2025 2:08  | 0:03:00               | -27.79             | -66.70             | 427.91            | -35.74            | -57.47            | 430.48           | -140.64                               | 3.36                           |
| 291 | 10/3/2025 2:09  | 10/3/2025 2:09  | 0:00:00               | -36.98             | -55.76             | 430.89            | -36.98            | -55.76            | 430.89           | -143.72                               | 0.28                           |
| 292 | 10/3/2025 3:40  | 10/3/2025 3:46  | 0:06:00               | -31.56             | -86.25             | 429.16            | -45.40            | -63.73            | 433.60           | -137.75                               | 6.25                           |
| 293 | 10/3/2025 10:11 | 10/3/2025 10:18 | 0:07:00               | -43.02             | -81.99             | 429.85            | -25.44            | -58.47            | 422.28           | -137.53                               | 6.47                           |
| 294 | 10/3/2025 11:50 | 10/3/2025 11:52 | 0:02:01               | -28.25             | -84.85             | 423.35            | -22.56            | -79.43            | 421.22           | -139.26                               | 4.74                           |
| 295 | 10/3/2025 13:40 | 10/3/2025 13:44 | 0:03:54               | 23.59              | -67.74             | 417.03            | 34.28             | -56.39            | 419.38           | -140.92                               | 3.08                           |
| 296 | 10/3/2025 15:14 | 10/3/2025 15:23 | 0:08:30               | 26.60              | -88.51             | 417.65            | 46.64             | -57.39            | 423.07           | -139.32                               | 4.68                           |
| 297 | 10/3/2025 16:54 | 10/3/2025 16:59 | 0:05:40               | 42.50              | -90.76             | 421.75            | 50.94             | -62.41            | 424.72           | -138.03                               | 5.97                           |
| 298 | 10/3/2025 18:34 | 10/3/2025 18:36 | 0:02:21               | 51.69              | -77.25             | 425.13            | 51.39             | -63.26            | 425.47           | -138.24                               | 5.76                           |
| 299 | 10/3/2025 20:09 | 10/3/2025 20:09 | 0:00:01               | 51.11              | -84.07             | 425.52            | 51.10             | -84.00            | 425.52           | -141.70                               | 2.30                           |
| 300 | 10/3/2025 20:10 | 10/3/2025 20:15 | 0:05:00               | 50.65              | -80.55             | 425.51            | 43.12             | -55.59            | 424.52           | -138.28                               | 5.72                           |

**Table 9 Berthed GN 3Mbps (3M00G1D) PFD Exceedances**

|     | Start Time      | Stop Time       | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m <sup>2</sup> /4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|-----------------|-----------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------------------|--------------------------------|
| 301 | 10/3/2025 21:46 | 10/3/2025 21:53 | 0:07:42               | 46.95              | -88.58             | 425.16            | 29.33             | -59.38            | 422.40           | -137.71                               | 6.29                           |
| 302 | 10/3/2025 23:23 | 10/3/2025 23:29 | 0:05:24               | 36.70              | -91.93             | 423.46            | 22.05             | -75.97            | 421.55           | -138.77                               | 5.23                           |
| 303 | 10/4/2025 1:16  | 10/4/2025 1:16  | 0:00:00               | -22.13             | -66.05             | 426.25            | -22.13            | -66.05            | 426.25           | -141.33                               | 2.67                           |
| 304 | 10/4/2025 1:17  | 10/4/2025 1:17  | 0:00:00               | -23.56             | -64.76             | 426.67            | -23.56            | -64.76            | 426.67           | -143.90                               | 0.10                           |
| 305 | 10/4/2025 1:18  | 10/4/2025 1:20  | 0:02:40               | -25.46             | -63.00             | 427.24            | -32.74            | -55.28            | 429.56           | -141.40                               | 2.60                           |
| 306 | 10/4/2025 2:51  | 10/4/2025 2:58  | 0:06:48               | -27.54             | -84.57             | 427.97            | -44.09            | -60.83            | 433.33           | -137.69                               | 6.31                           |
| 307 | 10/4/2025 9:24  | 10/4/2025 9:30  | 0:06:30               | -44.59             | -79.42             | 430.65            | -29.04            | -56.08            | 423.67           | -138.14                               | 5.86                           |
| 308 | 10/4/2025 11:01 | 10/4/2025 11:06 | 0:05:21               | -34.85             | -86.45             | 426.11            | -20.05            | -71.27            | 420.31           | -138.73                               | 5.27                           |
| 309 | 10/4/2025 14:27 | 10/4/2025 14:30 | 0:03:00               | 24.27              | -84.73             | 417.01            | 32.53             | -76.14            | 418.73           | -140.34                               | 3.66                           |
| 310 | 10/4/2025 14:30 | 10/4/2025 14:31 | 0:01:10               | 33.84              | -74.55             | 419.06            | 36.79             | -70.64            | 419.84           | -140.53                               | 3.47                           |
| 311 | 10/4/2025 14:32 | 10/4/2025 14:35 | 0:03:07               | 38.01              | -68.86             | 420.18            | 44.76             | -56.29            | 422.24           | -141.16                               | 2.84                           |
| 312 | 10/4/2025 16:05 | 10/4/2025 16:11 | 0:06:10               | 39.50              | -90.13             | 420.63            | 50.21             | -61.20            | 424.18           | -137.38                               | 6.62                           |
| 313 | 10/4/2025 17:44 | 10/4/2025 17:45 | 0:00:40               | 49.81              | -86.92             | 424.01            | 50.48             | -83.25            | 424.29           | -140.94                               | 3.06                           |
| 314 | 10/4/2025 17:46 | 10/4/2025 17:48 | 0:02:13               | 51.26              | -77.26             | 424.66            | 51.76             | -64.10            | 425.18           | -138.60                               | 5.40                           |
| 315 | 10/4/2025 19:22 | 10/4/2025 19:26 | 0:03:52               | 51.06              | -77.64             | 425.30            | 46.27             | -57.07            | 424.82           | -137.25                               | 6.75                           |
| 316 | 10/4/2025 20:58 | 10/4/2025 21:05 | 0:07:31               | 48.50              | -87.77             | 425.18            | 32.63             | -57.08            | 422.75           | -137.88                               | 6.12                           |
| 317 | 10/4/2025 22:35 | 10/4/2025 22:42 | 0:06:42               | 40.23              | -91.39             | 423.92            | 22.63             | -70.49            | 421.54           | -139.09                               | 4.91                           |
| 318 | 10/5/2025 2:03  | 10/5/2025 2:10  | 0:07:08               | -24.20             | -81.79             | 427.02            | -42.37            | -58.43            | 432.91           | -137.58                               | 6.42                           |
| 319 | 10/5/2025 3:43  | 10/5/2025 3:45  | 0:02:35               | -41.39             | -83.87             | 432.56            | -46.45            | -72.55            | 434.10           | -138.94                               | 5.06                           |
| 320 | 10/5/2025 8:36  | 10/5/2025 8:42  | 0:05:32               | -45.75             | -76.27             | 431.27            | -33.31            | -54.91            | 425.45           | -139.24                               | 4.76                           |
| 321 | 10/5/2025 10:12 | 10/5/2025 10:19 | 0:06:30               | -38.50             | -85.60             | 427.74            | -21.04            | -66.12            | 420.56           | -138.99                               | 5.01                           |
| 322 | 10/5/2025 13:39 | 10/5/2025 13:40 | 0:01:00               | 22.68              | -80.17             | 416.50            | 25.53             | -77.55            | 416.98           | -141.94                               | 2.06                           |
| 323 | 10/5/2025 13:41 | 10/5/2025 13:41 | 0:00:00               | 26.93              | -76.19             | 417.25            | 26.93             | -76.19            | 417.25           | -141.37                               | 2.63                           |
| 324 | 10/5/2025 13:41 | 10/5/2025 13:41 | 0:00:20               | 28.32              | -74.78             | 417.53            | 29.24             | -73.82            | 417.72           | -140.21                               | 3.79                           |
| 325 | 10/5/2025 13:42 | 10/5/2025 13:43 | 0:01:20               | 30.60              | -72.35             | 418.03            | 34.13             | -68.19            | 418.88           | -141.03                               | 2.97                           |
| 326 | 10/5/2025 13:44 | 10/5/2025 13:44 | 0:00:30               | 35.40              | -66.54             | 419.22            | 36.65             | -64.83            | 419.55           | -143.03                               | 0.97                           |
| 327 | 10/5/2025 13:45 | 10/5/2025 13:45 | 0:00:00               | 37.87              | -63.07             | 419.90            | 37.87             | -63.07            | 419.90           | -143.62                               | 0.38                           |
| 328 | 10/5/2025 13:45 | 10/5/2025 13:46 | 0:00:20               | 39.06              | -61.24             | 420.24            | 39.84             | -59.98            | 420.46           | -141.30                               | 2.70                           |
| 329 | 10/5/2025 13:46 | 10/5/2025 13:47 | 0:00:28               | 41.33              | -57.38             | 420.92            | 42.34             | -55.49            | 421.23           | -140.94                               | 3.06                           |
| 330 | 10/5/2025 15:16 | 10/5/2025 15:24 | 0:07:29               | 34.17              | -91.75             | 418.91            | 49.26             | -59.90            | 423.54           | -137.41                               | 6.59                           |
| 331 | 10/5/2025 16:56 | 10/5/2025 17:00 | 0:04:19               | 47.99              | -88.38             | 423.08            | 51.73             | -64.06            | 424.76           | -138.50                               | 5.50                           |
| 332 | 10/5/2025 18:35 | 10/5/2025 18:38 | 0:03:11               | 51.57              | -77.26             | 425.01            | 48.79             | -59.28            | 424.94           | -138.36                               | 5.64                           |
| 333 | 10/5/2025 20:10 | 10/5/2025 20:17 | 0:07:05               | 49.71              | -86.88             | 425.09            | 36.19             | -55.63            | 423.16           | -137.49                               | 6.51                           |
| 334 | 10/5/2025 21:47 | 10/5/2025 21:54 | 0:07:19               | 43.03              | -90.61             | 424.22            | 24.53             | -66.23            | 421.67           | -138.23                               | 5.77                           |

|                                                                                 |       |    |
|---------------------------------------------------------------------------------|-------|----|
| Maximum exceedance to -144 dBW/m <sup>2</sup> /4 kHz ITU/FCC Limit :            | 7.43  | dB |
| Maximum exceedance to -128 dBW/m <sup>2</sup> /4 kHz PIRN 50885-NA-0068B Limit: | -8.57 | dB |

Table 10 Departure TRDS SSA (6M16G1D) PFD Exceedances

|    | Start Time      | Stop Time       | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m^2/4kHz) | PFD Non-<br>Compliance<br>(dB) |
|----|-----------------|-----------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------|--------------------------------|
| 1  | 3/10/2026 2:09  | 3/10/2026 2:10  | 0:00:40               | -18.69             | -145.18            | 431.30            | -16.72            | -143.58           | 430.78           | -143.51                   | 0.49                           |
| 2  | 3/10/2026 2:11  | 3/10/2026 2:25  | 0:14:00               | -13.75             | -141.26            | 430.03            | 28.03             | -108.93           | 426.44           | -142.13                   | 1.87                           |
| 3  | 3/10/2026 2:26  | 3/10/2026 2:26  | 0:00:00               | 31.65              | -105.02            | 426.67            | 31.65             | -105.02           | 426.67           | -143.82                   | 0.18                           |
| 4  | 3/10/2026 4:33  | 3/10/2026 4:45  | 0:11:20               | 3.69               | 10.68              | 415.61            | -29.90            | 37.63             | 425.70           | -141.38                   | 2.62                           |
| 5  | 3/10/2026 4:45  | 3/10/2026 4:52  | 0:06:20               | -32.14             | 40.14              | 426.80            | -46.37            | 64.56             | 434.64           | -142.18                   | 1.82                           |
| 6  | 3/10/2026 8:13  | 3/10/2026 8:22  | 0:09:10               | -39.41             | 97.47              | 437.19            | -14.38            | 123.80            | 429.93           | -142.58                   | 1.42                           |
| 7  | 3/10/2026 8:23  | 3/10/2026 8:31  | 0:08:30               | -11.89             | 125.69             | 429.34            | 13.90             | 144.31            | 426.02           | -142.36                   | 1.64                           |
| 8  | 3/10/2026 9:52  | 3/10/2026 9:55  | 0:03:00               | -22.97             | 93.08              | 432.23            | -14.17            | 100.35            | 429.84           | -142.72                   | 1.28                           |
| 9  | 3/10/2026 9:56  | 3/10/2026 10:10 | 0:13:50               | -11.17             | 102.61             | 429.13            | 29.93             | 135.00            | 426.35           | -142.13                   | 1.87                           |
| 10 | 3/10/2026 10:11 | 3/10/2026 10:12 | 0:00:20               | 33.48              | 139.08             | 426.60            | 34.34             | 140.15            | 426.66           | -143.16                   | 0.84                           |
| 11 | 3/10/2026 11:35 | 3/10/2026 11:43 | 0:08:20               | 5.78               | 91.10              | 426.42            | 30.13             | 111.60            | 426.42           | -142.13                   | 1.87                           |
| 12 | 3/10/2026 11:44 | 3/10/2026 11:54 | 0:09:40               | 33.67              | 115.70             | 426.68            | 51.13             | 159.24            | 427.23           | -141.46                   | 2.54                           |
| 13 | 3/10/2026 12:48 | 3/10/2026 13:01 | 0:13:10               | -46.70             | 11.19              | 439.09            | -13.24            | 53.83             | 429.59           | -142.40                   | 1.60                           |
| 14 | 3/10/2026 13:02 | 3/10/2026 13:03 | 0:00:40               | -10.23             | 56.08              | 428.90            | -8.22             | 57.55             | 428.47           | -143.09                   | 0.91                           |
| 15 | 3/10/2026 14:21 | 3/10/2026 14:34 | 0:13:40               | -47.13             | -13.70             | 439.06            | -12.53            | 30.75             | 429.33           | -142.38                   | 1.62                           |
| 16 | 3/10/2026 14:35 | 3/10/2026 14:40 | 0:04:50               | -10.02             | 32.62              | 428.77            | 4.69              | 43.09             | 426.45           | -142.40                   | 1.60                           |
| 17 | 3/10/2026 16:03 | 3/10/2026 16:07 | 0:04:00               | -24.06             | -2.37              | 432.33            | -12.31            | 7.30              | 429.22           | -142.61                   | 1.39                           |
| 18 | 3/10/2026 16:08 | 3/10/2026 16:22 | 0:13:40               | -9.30              | 9.53               | 428.56            | 31.16             | 41.89             | 426.50           | -142.13                   | 1.87                           |
| 19 | 3/10/2026 22:07 | 3/10/2026 22:20 | 0:13:00               | -44.74             | -125.39            | 438.24            | -10.43            | -85.76            | 428.77           | -142.47                   | 1.53                           |
| 20 | 3/10/2026 22:21 | 3/10/2026 22:23 | 0:02:30               | -7.91              | -83.92             | 428.26            | -0.30             | -78.51            | 427.02           | -142.79                   | 1.21                           |
| 21 | 3/10/2026 23:42 | 3/10/2026 23:53 | 0:11:00               | -40.05             | -139.74            | 437.17            | -9.71             | -108.85           | 428.80           | -142.48                   | 1.52                           |
| 22 | 3/11/2026 1:22  | 3/11/2026 1:26  | 0:04:10               | -21.85             | -142.08            | 431.96            | -9.50             | -132.30           | 428.91           | -142.56                   | 1.44                           |
| 23 | 3/11/2026 1:27  | 3/11/2026 1:38  | 0:11:30               | -6.97              | -130.47            | 428.41            | 27.33             | -103.86           | 426.53           | -142.14                   | 1.86                           |
| 24 | 3/11/2026 3:05  | 3/11/2026 3:14  | 0:08:30               | 9.48               | -142.38            | 426.42            | 33.81             | -120.28           | 427.03           | -142.14                   | 1.86                           |
| 25 | 3/11/2026 3:15  | 3/11/2026 3:22  | 0:07:40               | 36.75              | -116.38            | 427.26            | 50.53             | -81.40            | 427.66           | -141.44                   | 2.56                           |
| 26 | 3/11/2026 4:46  | 3/11/2026 4:47  | 0:01:00               | 31.37              | -146.79            | 426.84            | 34.00             | -143.66           | 427.04           | -142.36                   | 1.64                           |
| 27 | 3/11/2026 4:48  | 3/11/2026 4:55  | 0:07:30               | 37.34              | -139.15            | 427.31            | 50.59             | -104.60           | 427.66           | -141.40                   | 2.60                           |
| 28 | 3/11/2026 9:04  | 3/11/2026 9:11  | 0:07:00               | -27.44             | 94.63              | 433.31            | -6.88             | 111.53            | 428.13           | -142.53                   | 1.47                           |
| 29 | 3/11/2026 9:12  | 3/11/2026 9:21  | 0:08:50               | -4.35              | 113.33             | 427.68            | 22.22             | 133.28            | 426.08           | -142.34                   | 1.66                           |
| 30 | 3/11/2026 10:46 | 3/11/2026 10:59 | 0:12:50               | -2.09              | 91.32              | 427.31            | 35.17             | 123.39            | 426.97           | -142.14                   | 1.86                           |
| 31 | 3/11/2026 11:00 | 3/11/2026 11:05 | 0:05:20               | 38.44              | 128.04             | 427.24            | 48.69             | 151.62            | 427.77           | -141.38                   | 2.62                           |
| 32 | 3/11/2026 12:01 | 3/11/2026 12:15 | 0:13:50               | -48.12             | 12.44              | 439.00            | -13.98            | 59.04             | 429.61           | -142.38                   | 1.62                           |
| 33 | 3/11/2026 12:29 | 3/11/2026 12:32 | 0:02:50               | 27.82              | 91.34              | 426.42            | 35.35             | 100.02            | 427.03           | -142.38                   | 1.62                           |
| 34 | 3/11/2026 12:33 | 3/11/2026 12:49 | 0:16:00               | 38.61              | 104.69             | 427.31            | 45.66             | -172.00           | 423.40           | -141.37                   | 2.63                           |
| 35 | 3/11/2026 13:06 | 3/11/2026 13:14 | 0:07:10               | -1.45              | -121.60            | 416.54            | -22.93            | -105.11           | 422.65           | -141.32                   | 2.68                           |
| 36 | 3/11/2026 13:39 | 3/11/2026 13:51 | 0:12:00               | -39.31             | 8.94               | 436.75            | -5.71             | 41.52             | 427.82           | -142.39                   | 1.61                           |
| 37 | 3/11/2026 13:51 | 3/11/2026 13:57 | 0:05:40               | -3.17              | 43.32              | 427.40            | 14.03             | 55.73             | 425.96           | -142.34                   | 1.66                           |
| 38 | 3/11/2026 14:06 | 3/11/2026 14:25 | 0:19:10               | 38.79              | 81.34              | 427.32            | 38.86             | 177.86            | 420.96           | -141.33                   | 2.67                           |
| 39 | 3/11/2026 14:36 | 3/11/2026 14:52 | 0:15:20               | 7.50               | -151.56            | 415.79            | -37.03            | -113.07           | 429.18           | -141.31                   | 2.69                           |
| 40 | 3/11/2026 14:53 | 3/11/2026 14:54 | 0:01:30               | -39.03             | -110.07            | 430.23            | -42.37            | -104.19           | 432.04           | -143.05                   | 0.95                           |
| 41 | 3/11/2026 14:55 | 3/11/2026 15:02 | 0:07:20               | -43.41             | -102.10            | 432.62            | -51.78            | -63.26            | 438.47           | -142.26                   | 1.74                           |
| 42 | 3/11/2026 15:15 | 3/11/2026 15:24 | 0:08:50               | -30.74             | -3.31              | 434.08            | -4.98             | 18.42             | 427.63           | -142.52                   | 1.48                           |
| 43 | 3/11/2026 15:25 | 3/11/2026 15:38 | 0:13:20               | -2.44              | 20.22              | 427.23            | 36.13             | 53.85             | 427.09           | -142.15                   | 1.85                           |
| 44 | 3/11/2026 15:39 | 3/11/2026 15:40 | 0:00:30               | 38.96              | 58.00              | 427.34            | 40.11             | 59.88             | 427.44           | -143.17                   | 0.83                           |
| 45 | 3/11/2026 15:44 | 3/11/2026 15:53 | 0:09:00               | 48.76              | 81.04              | 427.88            | 48.38             | 132.47            | 424.64           | -141.74                   | 2.26                           |
| 46 | 3/11/2026 15:56 | 3/11/2026 16:08 | 0:12:20               | 43.46              | 145.89             | 422.60            | 10.31             | -177.23           | 415.76           | -141.47                   | 2.53                           |
| 47 | 3/11/2026 16:10 | 3/11/2026 16:12 | 0:02:50               | 6.77               | -174.65            | 415.80            | -1.90             | -168.52           | 416.62           | -142.52                   | 1.48                           |
| 48 | 3/11/2026 17:01 | 3/11/2026 17:11 | 0:10:10               | 7.43               | 3.60               | 426.18            | 36.32             | 30.48             | 427.10           | -142.15                   | 1.85                           |
| 49 | 3/11/2026 17:12 | 3/11/2026 17:19 | 0:07:00               | 39.52              | 35.28              | 427.38            | 50.93             | 68.88             | 427.65           | -141.24                   | 2.76                           |
| 50 | 3/11/2026 17:22 | 3/11/2026 17:31 | 0:08:30               | 51.74              | 85.68              | 426.83            | 40.07             | 128.67            | 421.37           | -141.74                   | 2.26                           |
| 51 | 3/11/2026 17:34 | 3/11/2026 17:42 | 0:07:40               | 31.77              | 140.11             | 418.86            | 9.59              | 159.69            | 415.74           | -141.47                   | 2.53                           |
| 52 | 3/11/2026 17:43 | 3/11/2026 17:56 | 0:13:00               | 6.54               | 161.90             | 415.79            | -31.87            | -166.92           | 426.54           | -141.32                   | 2.68                           |
| 53 | 3/11/2026 17:59 | 3/11/2026 18:00 | 0:01:20               | -39.76             | -156.12            | 430.54            | -42.68            | -150.82           | 432.14           | -143.04                   | 0.96                           |
| 54 | 3/11/2026 18:01 | 3/11/2026 18:08 | 0:06:50               | -44.03             | -147.97            | 432.90            | -51.77            | -111.60           | 438.32           | -142.27                   | 1.73                           |
| 55 | 3/11/2026 18:37 | 3/11/2026 18:44 | 0:06:50               | 17.65              | -12.26             | 425.92            | 36.50             | 7.12              | 427.13           | -142.15                   | 1.85                           |
| 56 | 3/11/2026 18:45 | 3/11/2026 18:59 | 0:13:50               | 39.69              | 11.94              | 427.42            | 48.41             | 85.14             | 424.67           | -141.25                   | 2.75                           |
| 57 | 3/11/2026 19:19 | 3/11/2026 19:31 | 0:11:40               | -4.38              | 146.02             | 417.01            | -37.57            | 176.86            | 429.31           | -141.30                   | 2.70                           |
| 58 | 3/11/2026 19:32 | 3/11/2026 19:33 | 0:01:30               | -39.92             | -179.45            | 430.55            | -43.18            | -173.42           | 432.32           | -143.04                   | 0.96                           |
| 59 | 3/11/2026 19:34 | 3/11/2026 19:37 | 0:03:10               | -44.18             | -171.26            | 432.88            | -49.28            | -155.81           | 435.96           | -142.27                   | 1.73                           |

Table 10 Departure TRDS SSA (6M16G1D) PFD Exceedances

|     | Start Time      | Stop Time       | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m^2/4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|-----------------|-----------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------|--------------------------------|
| 60  | 3/11/2026 19:40 | 3/11/2026 19:45 | 0:04:50               | -51.58             | -139.73            | 437.84            | -49.60            | -111.60           | 438.77           | -142.37                   | 1.63                           |
| 61  | 3/11/2026 20:19 | 3/11/2026 20:38 | 0:19:00               | 40.99              | -9.45              | 427.60            | 36.95             | 86.26             | 420.47           | -141.28                   | 2.72                           |
| 62  | 3/11/2026 20:41 | 3/11/2026 20:48 | 0:06:50               | 28.65              | 96.28              | 418.18            | 8.63              | 113.16            | 415.80           | -141.50                   | 2.50                           |
| 63  | 3/11/2026 20:49 | 3/11/2026 20:58 | 0:08:50               | 5.59               | 115.36             | 415.88            | -21.10            | 135.21            | 421.80           | -141.32                   | 2.68                           |
| 64  | 3/11/2026 21:28 | 3/11/2026 21:36 | 0:08:30               | -28.12             | -94.98             | 433.14            | -3.06             | -74.67            | 427.29           | -142.51                   | 1.49                           |
| 65  | 3/11/2026 21:37 | 3/11/2026 21:40 | 0:03:00               | -1.03              | -73.24             | 427.01            | 8.11              | -66.75            | 426.16           | -142.70                   | 1.30                           |
| 66  | 3/12/2026 1:14  | 3/12/2026 1:27  | 0:12:50               | 42.55              | 6.05               | 422.18            | 7.46              | 43.16             | 415.46           | -141.52                   | 2.48                           |
| 67  | 3/12/2026 1:28  | 3/12/2026 1:32  | 0:04:00               | 3.90               | 45.71              | 415.62            | -8.32             | 54.38             | 417.50           | -141.33                   | 2.67                           |
| 68  | 3/12/2026 2:58  | 3/12/2026 3:00  | 0:01:40               | 11.79              | 16.37              | 415.45            | 6.73              | 20.07             | 415.42           | -141.63                   | 2.37                           |
| 69  | 3/12/2026 3:01  | 3/12/2026 3:15  | 0:13:40               | 3.68               | 22.25              | 415.58            | -36.01            | 56.59             | 428.22           | -141.28                   | 2.72                           |
| 70  | 3/12/2026 5:01  | 3/12/2026 5:21  | 0:20:20               | -50.66             | 100.84             | 438.77            | -0.93             | 168.76            | 427.25           | -142.43                   | 1.57                           |
| 71  | 3/12/2026 5:22  | 3/12/2026 5:35  | 0:13:00               | 1.61               | 170.55             | 426.95            | 38.55             | -155.17           | 427.64           | -142.16                   | 1.84                           |
| 72  | 3/12/2026 5:37  | 3/12/2026 5:43  | 0:06:50               | 41.59              | -150.05            | 427.89            | 51.40             | -115.64           | 427.75           | -141.22                   | 2.78                           |
| 73  | 3/12/2026 6:00  | 3/12/2026 6:06  | 0:06:00               | 24.14              | -40.99             | 417.03            | 6.28              | -26.83            | 415.57           | -141.55                   | 2.45                           |
| 74  | 3/12/2026 6:07  | 3/12/2026 6:22  | 0:14:50               | 2.71               | -24.29             | 415.79            | -39.58            | 14.67             | 430.12           | -141.28                   | 2.72                           |
| 75  | 3/12/2026 7:06  | 3/12/2026 7:08  | 0:02:00               | 33.77              | 174.62             | 427.15            | 38.73             | -178.51           | 427.60           | -142.48                   | 1.52                           |
| 76  | 3/12/2026 7:10  | 3/12/2026 7:21  | 0:11:10               | 41.75              | -173.36            | 427.85            | 50.45             | -113.23           | 425.90           | -141.19                   | 2.81                           |
| 77  | 3/12/2026 7:38  | 3/12/2026 7:39  | 0:01:40               | 10.61              | -53.59             | 415.63            | 5.54              | -49.92            | 415.69           | -141.61                   | 2.39                           |
| 78  | 3/12/2026 7:40  | 3/12/2026 7:45  | 0:04:40               | 1.98               | -47.39             | 415.94            | -12.24            | -37.18            | 418.66           | -141.30                   | 2.70                           |
| 79  | 3/12/2026 8:35  | 3/12/2026 8:41  | 0:06:40               | 21.06              | 138.05             | 426.13            | 38.90             | 158.15            | 427.44           | -142.16                   | 1.84                           |
| 80  | 3/12/2026 8:43  | 3/12/2026 8:50  | 0:07:00               | 41.91              | 163.33             | 427.69            | 51.54             | -161.01           | 427.49           | -141.16                   | 2.84                           |
| 81  | 3/12/2026 8:52  | 3/12/2026 9:12  | 0:20:00               | 51.44              | -145.10            | 426.50            | 5.31              | -73.37            | 415.70           | -141.57                   | 2.43                           |
| 82  | 3/12/2026 9:13  | 3/12/2026 9:28  | 0:14:40               | 1.75               | -70.84             | 415.97            | -39.92            | -32.00            | 430.45           | -141.31                   | 2.69                           |
| 83  | 3/12/2026 9:29  | 3/12/2026 9:30  | 0:01:20               | -42.13             | -28.05             | 431.66            | -44.81            | -22.33            | 433.18           | -143.13                   | 0.87                           |
| 84  | 3/12/2026 9:31  | 3/12/2026 9:48  | 0:17:10               | -45.73             | -20.04             | 433.71            | -35.80            | 67.13             | 435.52           | -142.28                   | 1.72                           |
| 85  | 3/12/2026 9:54  | 3/12/2026 10:01 | 0:06:20               | -18.34             | 84.99              | 430.51            | 0.76              | 99.11             | 426.84           | -142.53                   | 1.47                           |
| 86  | 3/12/2026 10:01 | 3/12/2026 10:14 | 0:12:50               | 2.80               | 100.54             | 426.62            | 39.08             | 134.82            | 427.47           | -142.16                   | 1.84                           |
| 87  | 3/12/2026 10:16 | 3/12/2026 10:27 | 0:11:40               | 42.07              | 140.02             | 427.72            | 49.79             | -156.85           | 425.40           | -141.14                   | 2.86                           |
| 88  | 3/12/2026 10:30 | 3/12/2026 10:45 | 0:15:20               | 45.61              | -142.47            | 423.46            | 4.58              | -96.46            | 415.78           | -141.58                   | 2.42                           |
| 89  | 3/12/2026 10:47 | 3/12/2026 11:01 | 0:14:40               | 1.01               | -93.93             | 416.09            | -40.46            | -54.68            | 430.76           | -141.29                   | 2.71                           |
| 90  | 3/12/2026 11:02 | 3/12/2026 11:03 | 0:01:20               | -42.28             | -51.35             | 431.76            | -44.95            | -45.60            | 433.26           | -143.10                   | 0.90                           |
| 91  | 3/12/2026 11:04 | 3/12/2026 11:27 | 0:23:20               | -46.16             | -42.53             | 433.97            | -18.11            | 61.56             | 431.54           | -142.27                   | 1.73                           |
| 92  | 3/12/2026 11:30 | 3/12/2026 11:34 | 0:03:30               | -9.65              | 68.07              | 430.03            | 0.99              | 75.66             | 428.91           | -142.61                   | 1.39                           |
| 93  | 3/12/2026 11:35 | 3/12/2026 11:47 | 0:12:40               | 3.53               | 77.45              | 428.79            | 39.22             | 111.44            | 431.81           | -142.24                   | 1.76                           |
| 94  | 3/12/2026 11:49 | 3/12/2026 12:06 | 0:17:00               | 42.55              | 117.34             | 432.28            | 40.02             | -154.65           | 426.31           | -141.30                   | 2.70                           |
| 95  | 3/12/2026 12:10 | 3/12/2026 12:18 | 0:08:40               | 29.94              | -141.23            | 422.92            | 4.50              | -120.03           | 419.05           | -141.66                   | 2.34                           |
| 96  | 3/12/2026 12:20 | 3/12/2026 12:34 | 0:14:40               | 0.93               | -117.51            | 419.16            | -40.51            | -78.23            | 431.42           | -141.35                   | 2.65                           |
| 97  | 3/12/2026 12:35 | 3/12/2026 12:36 | 0:01:10               | -42.68             | -74.21             | 432.49            | -44.99            | -69.14            | 433.67           | -143.14                   | 0.86                           |
| 98  | 3/12/2026 12:37 | 3/12/2026 13:07 | 0:29:40               | -46.19             | -66.05             | 434.31            | 1.06              | 52.08             | 428.86           | -142.27                   | 1.73                           |
| 99  | 3/12/2026 13:08 | 3/12/2026 13:08 | 0:00:50               | 3.60               | 53.87              | 428.74            | 6.14              | 55.67             | 428.68           | -142.91                   | 1.09                           |
| 100 | 3/12/2026 13:11 | 3/12/2026 13:18 | 0:07:10               | 14.68              | 62.00              | 428.87            | 34.80             | 81.46             | 431.16           | -142.25                   | 1.75                           |
| 101 | 3/12/2026 13:22 | 3/12/2026 13:52 | 0:29:50               | 42.60              | 93.81              | 432.29            | 3.92              | -143.24           | 419.11           | -141.27                   | 2.73                           |
| 102 | 3/12/2026 13:53 | 3/12/2026 14:07 | 0:14:40               | 0.35               | -140.73            | 419.23            | -40.93            | -101.12           | 431.56           | -141.35                   | 2.65                           |
| 103 | 3/12/2026 14:08 | 3/12/2026 14:10 | 0:01:20               | -42.72             | -97.74             | 432.44            | -45.34            | -91.91            | 433.77           | -143.14                   | 0.86                           |
| 104 | 3/12/2026 14:10 | 3/12/2026 14:13 | 0:03:00               | -46.52             | -88.78             | 434.39            | -50.47            | -73.09            | 436.74           | -142.27                   | 1.73                           |
| 105 | 3/12/2026 14:31 | 3/12/2026 14:40 | 0:09:20               | -26.14             | 7.21               | 433.16            | 1.64              | 28.86             | 428.76           | -142.45                   | 1.55                           |
| 106 | 3/12/2026 14:41 | 3/12/2026 14:45 | 0:04:40               | 4.18               | 30.65              | 428.66            | 18.21             | 41.18             | 429.08           | -142.36                   | 1.64                           |
| 107 | 3/12/2026 15:15 | 3/12/2026 15:25 | 0:10:00               | 32.49              | 168.62             | 423.81            | 3.34              | -166.46           | 419.15           | -141.69                   | 2.31                           |
| 108 | 3/12/2026 15:26 | 3/12/2026 15:40 | 0:14:30               | -0.23              | -163.94            | 419.31            | -40.98            | -124.66           | 431.59           | -141.33                   | 2.67                           |
| 109 | 3/12/2026 15:41 | 3/12/2026 15:43 | 0:01:10               | -43.12             | -120.57            | 432.64            | -45.38            | -115.43           | 433.80           | -143.15                   | 0.85                           |
| 110 | 3/12/2026 15:43 | 3/12/2026 15:49 | 0:05:20               | -46.56             | -112.30            | 434.42            | -51.75            | -82.97            | 437.93           | -142.26                   | 1.74                           |
| 111 | 3/12/2026 16:06 | 3/12/2026 16:13 | 0:07:00               | -18.89             | -9.96              | 431.47            | 2.22              | 5.64              | 428.70           | -142.58                   | 1.42                           |
| 112 | 3/12/2026 16:14 | 3/12/2026 16:27 | 0:12:40               | 4.76               | 7.44               | 428.61            | 40.15             | 42.08             | 431.92           | -142.25                   | 1.75                           |
| 113 | 3/12/2026 16:28 | 3/12/2026 16:35 | 0:07:00               | 43.04              | 47.45              | 432.32            | 51.71             | 84.03             | 432.52           | -141.36                   | 2.64                           |
| 114 | 3/12/2026 16:38 | 3/12/2026 16:58 | 0:20:10               | 51.04              | 100.84             | 431.42            | 2.76              | 170.32            | 419.13           | -141.70                   | 2.30                           |
| 115 | 3/12/2026 16:59 | 3/12/2026 17:14 | 0:14:30               | -0.81              | 172.84             | 419.31            | -41.40            | -147.53           | 431.74           | -141.34                   | 2.66                           |
| 116 | 3/12/2026 17:14 | 3/12/2026 17:16 | 0:01:20               | -43.17             | -144.10            | 432.61            | -45.73            | -138.18           | 433.92           | -143.17                   | 0.83                           |
| 117 | 3/12/2026 17:16 | 3/12/2026 17:19 | 0:02:20               | -46.60             | -135.82            | 434.38            | -49.85            | -123.79           | 436.25           | -142.26                   | 1.74                           |
| 118 | 3/12/2026 17:21 | 3/12/2026 17:46 | 0:25:00               | -51.68             | -108.44            | 437.74            | 2.80              | -17.58            | 428.64           | -142.47                   | 1.53                           |

Table 10 Departure TRDS SSA (6M16G1D) PFD Exceedances

|     | Start Time      | Stop Time       | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m^2/4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|-----------------|-----------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------|--------------------------------|
| 119 | 3/12/2026 17:47 | 3/12/2026 18:01 | 0:13:50               | 4.83               | -16.14             | 428.58            | 42.75             | 23.22             | 432.30           | -142.35                   | 1.65                           |
| 120 | 3/12/2026 18:04 | 3/12/2026 18:12 | 0:08:50               | 47.86              | 36.29              | 432.87            | 49.44             | 86.69             | 430.37           | -141.71                   | 2.29                           |
| 121 | 3/12/2026 18:15 | 3/12/2026 18:31 | 0:15:40               | 45.05              | 100.79             | 428.17            | 2.68              | 146.75            | 417.17           | -141.66                   | 2.34                           |
| 122 | 3/12/2026 18:32 | 3/12/2026 19:09 | 0:36:30               | -0.89              | 149.27             | 417.20            | -28.64            | -66.16            | 429.07           | -141.29                   | 2.71                           |
| 123 | 3/12/2026 19:11 | 3/12/2026 19:33 | 0:21:30               | -21.09             | -59.05             | 426.95            | 40.78             | -4.07             | 423.82           | -142.09                   | 1.91                           |
| 124 | 3/12/2026 19:34 | 3/12/2026 19:41 | 0:07:00               | 43.28              | 0.70               | 424.03            | 51.74             | 37.58             | 423.66           | -141.15                   | 2.85                           |
| 125 | 3/12/2026 19:44 | 3/12/2026 19:51 | 0:07:40               | 51.06              | 53.44              | 422.56            | 38.34             | 89.94             | 417.16           | -142.25                   | 1.75                           |
| 126 | 3/12/2026 19:54 | 3/12/2026 20:04 | 0:10:00               | 31.13              | 99.35              | 415.01            | 1.71              | 123.84            | 412.20           | -141.56                   | 2.44                           |
| 127 | 3/12/2026 20:05 | 3/12/2026 20:20 | 0:14:30               | -1.35              | 126.00             | 412.55            | -41.82            | 166.04            | 427.28           | -141.21                   | 2.79                           |
| 128 | 3/12/2026 20:20 | 3/12/2026 20:22 | 0:01:20               | -43.56             | 169.52             | 428.23            | -46.08            | 175.53            | 429.66           | -143.09                   | 0.91                           |
| 129 | 3/12/2026 20:22 | 3/12/2026 20:24 | 0:02:00               | -46.92             | 177.92             | 430.15            | -49.70            | -171.74           | 431.91           | -142.18                   | 1.82                           |
| 130 | 3/12/2026 20:36 | 3/12/2026 20:49 | 0:12:50               | -42.28             | -108.61            | 432.93            | -7.19             | -71.86            | 423.86           | -142.35                   | 1.65                           |
| 131 | 3/12/2026 20:52 | 3/12/2026 21:06 | 0:14:10               | 1.45               | -65.74             | 422.65            | 41.13             | -27.05            | 423.92           | -142.09                   | 1.91                           |
| 132 | 3/12/2026 21:07 | 3/12/2026 21:24 | 0:16:50               | 43.60              | -22.22             | 424.13            | 39.16             | 65.07             | 417.47           | -141.16                   | 2.84                           |
| 133 | 3/12/2026 22:11 | 3/12/2026 22:26 | 0:15:20               | -36.95             | -123.41            | 431.61            | 7.51              | -85.03            | 422.32           | -142.40                   | 1.60                           |
| 134 | 3/12/2026 22:42 | 3/12/2026 23:03 | 0:21:00               | 47.72              | -34.97             | 424.38            | 21.83             | 61.31             | 412.87           | -141.15                   | 2.85                           |
| 135 | 3/12/2026 23:47 | 3/13/2026 0:02  | 0:15:00               | -30.09             | -138.50            | 429.82            | 14.51             | -103.41           | 422.26           | -142.42                   | 1.58                           |
| 136 | 3/13/2026 0:28  | 3/13/2026 0:43  | 0:14:40               | 41.48              | 13.91              | 418.04            | 0.28              | 54.06             | 412.00           | -141.58                   | 2.42                           |
| 137 | 3/13/2026 0:57  | 3/13/2026 0:58  | 0:01:00               | -40.28             | 92.49              | 426.35            | -42.46            | 96.49             | 427.55           | -143.00                   | 1.00                           |
| 138 | 3/13/2026 0:59  | 3/13/2026 1:00  | 0:01:10               | -44.16             | 100.04             | 428.51            | -46.31            | 105.38            | 429.76           | -143.11                   | 0.89                           |
| 139 | 3/13/2026 1:01  | 3/13/2026 1:09  | 0:08:10               | -47.40             | 108.62             | 430.43            | -50.46            | 155.15            | 434.65           | -142.11                   | 1.89                           |
| 140 | 3/13/2026 1:24  | 3/13/2026 1:42  | 0:17:40               | -17.31             | -150.29            | 426.36            | 34.66             | -107.60           | 423.43           | -142.10                   | 1.90                           |
| 141 | 3/13/2026 2:04  | 3/13/2026 2:16  | 0:11:50               | 34.32              | 1.15               | 415.64            | -0.19             | 30.80             | 411.99           | -141.59                   | 2.41                           |
| 142 | 3/13/2026 2:17  | 3/13/2026 2:26  | 0:08:50               | -3.26              | 32.96              | 412.42            | -29.30            | 54.37             | 420.77           | -141.18                   | 2.82                           |
| 143 | 3/13/2026 2:52  | 3/13/2026 3:17  | 0:25:20               | -30.60             | 173.76             | 429.91            | 41.76             | -120.28           | 424.06           | -142.11                   | 1.89                           |
| 144 | 3/13/2026 3:19  | 3/13/2026 3:25  | 0:06:10               | 44.49              | -114.61            | 424.25            | 51.69             | -81.73            | 423.72           | -141.23                   | 2.77                           |
| 145 | 3/13/2026 4:24  | 3/13/2026 4:50  | 0:26:50               | -34.13             | 146.00             | 430.81            | 42.10             | -143.23           | 424.13           | -142.11                   | 1.89                           |
| 146 | 3/13/2026 4:52  | 3/13/2026 4:57  | 0:05:10               | 44.47              | -138.25            | 424.30            | 51.26             | -111.30           | 424.07           | -141.14                   | 2.86                           |
| 147 | 3/13/2026 5:16  | 3/13/2026 5:22  | 0:06:20               | 18.05              | -29.87             | 412.20            | -1.15             | -15.71            | 412.20           | -141.60                   | 2.40                           |
| 148 | 3/13/2026 5:23  | 3/13/2026 5:37  | 0:14:20               | -3.70              | -13.90             | 412.58            | -43.09            | 26.97             | 427.76           | -141.20                   | 2.80                           |
| 149 | 3/13/2026 5:38  | 3/13/2026 5:39  | 0:01:10               | -44.74             | 30.60              | 428.69            | -46.82            | 36.05             | 429.91           | -143.12                   | 0.88                           |
| 150 | 3/13/2026 5:40  | 3/13/2026 5:41  | 0:00:50               | -47.87             | 39.35              | 430.55            | -49.03            | 43.66             | 431.30           | -142.20                   | 1.80                           |
| 151 | 3/13/2026 5:56  | 3/13/2026 6:23  | 0:27:10               | -34.59             | 121.83             | 430.86            | 42.43             | -166.17           | 424.15           | -142.11                   | 1.89                           |
| 152 | 3/13/2026 6:25  | 3/13/2026 6:31  | 0:06:30               | 44.77              | -161.14            | 424.32            | 51.77             | -126.04           | 423.68           | -141.28                   | 2.72                           |
| 153 | 3/13/2026 6:50  | 3/13/2026 6:55  | 0:04:50               | 13.61              | -49.96             | 411.85            | -1.12             | -39.32            | 412.30           | -141.61                   | 2.39                           |
| 154 | 3/13/2026 6:56  | 3/13/2026 7:10  | 0:14:20               | -4.18              | -37.16             | 412.76            | -43.41            | 4.04              | 428.05           | -141.20                   | 2.80                           |
| 155 | 3/13/2026 7:11  | 3/13/2026 7:12  | 0:01:20               | -44.72             | 6.96               | 428.79            | -47.07            | 13.21             | 430.17           | -143.13                   | 0.87                           |
| 156 | 3/13/2026 7:13  | 3/13/2026 7:17  | 0:04:20               | -47.85             | 15.70              | 430.65            | -51.71            | 39.94             | 433.70           | -142.08                   | 1.92                           |
| 157 | 3/13/2026 7:30  | 3/13/2026 7:56  | 0:26:00               | -31.57             | 101.88             | 430.00            | 42.41             | 170.19            | 424.00           | -142.11                   | 1.89                           |
| 158 | 3/13/2026 7:58  | 3/13/2026 8:02  | 0:04:20               | 45.07              | 175.98             | 424.19            | 50.91             | -161.51           | 424.08           | -141.21                   | 2.79                           |
| 159 | 3/13/2026 8:12  | 3/13/2026 8:24  | 0:11:20               | 41.95              | -104.94            | 418.32            | 11.12             | -71.68            | 411.72           | -141.78                   | 2.22                           |
| 160 | 3/13/2026 8:27  | 3/13/2026 8:28  | 0:01:20               | 2.48               | -65.45             | 411.93            | -1.60             | -62.58            | 412.38           | -141.83                   | 2.17                           |
| 161 | 3/13/2026 8:29  | 3/13/2026 8:43  | 0:14:10               | -4.66              | -60.41             | 412.86            | -43.39            | -19.59            | 428.06           | -141.19                   | 2.81                           |
| 162 | 3/13/2026 8:44  | 3/13/2026 8:45  | 0:01:10               | -45.02             | -15.93             | 428.99            | -47.06            | -10.43            | 430.19           | -143.13                   | 0.87                           |
| 163 | 3/13/2026 8:46  | 3/13/2026 8:51  | 0:05:00               | -48.08             | -7.10              | 430.82            | -51.78            | 21.27             | 434.04           | -142.07                   | 1.93                           |
| 164 | 3/13/2026 9:09  | 3/13/2026 9:26  | 0:17:10               | -14.98             | 93.58              | 425.51            | 35.38             | 135.37            | 423.29           | -142.11                   | 1.89                           |
| 165 | 3/13/2026 9:47  | 3/13/2026 10:01 | 0:14:10               | 38.57              | -122.76            | 417.09            | -2.08             | -85.83            | 412.49           | -141.61                   | 2.39                           |
| 166 | 3/13/2026 10:02 | 3/13/2026 10:02 | 0:00:00               | -5.14              | -83.66             | 413.00            | -5.14             | -83.66            | 413.00           | -143.90                   | 0.10                           |
| 167 | 3/13/2026 10:18 | 3/13/2026 10:18 | 0:00:30               | -46.49             | -35.68             | 429.88            | -47.31            | -33.25            | 430.38           | -143.16                   | 0.84                           |
| 168 | 3/13/2026 10:19 | 3/13/2026 10:39 | 0:20:00               | -48.07             | -30.74             | 430.85            | -24.26            | 62.17             | 427.91           | -142.07                   | 1.93                           |
| 169 | 3/13/2026 11:23 | 3/13/2026 11:34 | 0:11:20               | 30.96              | -136.41            | 414.95            | -2.56             | -109.09           | 412.65           | -141.61                   | 2.39                           |
| 170 | 3/13/2026 11:35 | 3/13/2026 11:39 | 0:03:40               | -5.62              | -106.92            | 413.17            | -16.69            | -98.64            | 416.06           | -141.30                   | 2.70                           |
| 171 | 3/13/2026 12:05 | 3/13/2026 12:19 | 0:14:10               | -41.43             | 17.04              | 432.74            | -1.93             | 55.94             | 423.07           | -142.32                   | 1.68                           |
| 172 | 3/13/2026 12:33 | 3/13/2026 12:35 | 0:02:30               | 37.39              | 90.99              | 423.57            | 43.04             | 100.68            | 424.11           | -142.45                   | 1.55                           |
| 173 | 3/13/2026 12:36 | 3/13/2026 12:45 | 0:08:50               | 45.62              | 106.59             | 424.29            | 50.77             | 156.11            | 422.47           | -141.34                   | 2.66                           |
| 174 | 3/13/2026 13:03 | 3/13/2026 13:07 | 0:03:40               | 8.18               | -140.30            | 411.86            | -3.03             | -132.35           | 412.74           | -141.61                   | 2.39                           |
| 175 | 3/13/2026 13:08 | 3/13/2026 13:22 | 0:14:00               | -6.09              | -130.17            | 413.28            | -43.99            | -89.07            | 428.37           | -141.20                   | 2.80                           |
| 176 | 3/13/2026 13:23 | 3/13/2026 13:23 | 0:00:20               | -45.57             | -85.33             | 429.26            | -46.16            | -83.77            | 429.60           | -143.31                   | 0.69                           |
| 177 | 3/13/2026 13:39 | 3/13/2026 14:01 | 0:21:40               | -37.21             | 0.29               | 431.45            | 25.90             | 53.97             | 422.48           | -142.17                   | 1.83                           |

Table 10 Departure TRDS SSA (6M16G1D) PFD Exceedances

|     | Start Time      | Stop Time       | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m^2/4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|-----------------|-----------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------|--------------------------------|
| 178 | 3/13/2026 14:29 | 3/13/2026 14:40 | 0:10:50               | 28.75              | 178.80             | 414.49            | -3.51             | -155.60           | 412.84           | -141.62                   | 2.38                           |
| 179 | 3/13/2026 14:41 | 3/13/2026 14:55 | 0:14:00               | -6.57              | -153.43            | 413.40            | -44.30            | -111.98           | 428.52           | -141.20                   | 2.80                           |
| 180 | 3/13/2026 14:56 | 3/13/2026 14:57 | 0:01:00               | -45.85             | -108.20            | 429.40            | -47.52            | -103.37           | 430.38           | -143.16                   | 0.84                           |
| 181 | 3/13/2026 14:57 | 3/13/2026 15:01 | 0:03:40               | -48.50             | -99.98             | 430.99            | -51.65            | -79.33            | 433.47           | -142.02                   | 1.98                           |
| 182 | 3/13/2026 16:00 | 3/13/2026 16:13 | 0:12:30               | 32.82              | 150.66             | 415.56            | -3.99             | -178.86           | 412.89           | -141.61                   | 2.39                           |
| 183 | 3/13/2026 16:14 | 3/13/2026 16:28 | 0:13:50               | -7.04              | -176.68            | 413.46            | -44.28            | -135.62           | 428.46           | -141.20                   | 2.80                           |
| 184 | 3/13/2026 16:29 | 3/13/2026 16:30 | 0:01:10               | -45.83             | -131.84            | 429.35            | -47.76            | -126.18           | 430.48           | -143.14                   | 0.86                           |
| 185 | 3/13/2026 16:30 | 3/13/2026 16:35 | 0:04:40               | -48.71             | -122.76            | 431.08            | -51.78            | -96.02            | 433.87           | -141.97                   | 2.03                           |
| 186 | 3/13/2026 16:55 | 3/13/2026 17:14 | 0:19:00               | -9.63              | -20.35             | 424.20            | 43.66             | 31.19             | 424.16           | -142.11                   | 1.89                           |
| 187 | 3/13/2026 17:33 | 3/13/2026 17:46 | 0:13:00               | 33.72              | 125.97             | 415.80            | -4.47             | 157.89            | 412.93           | -141.61                   | 2.39                           |
| 188 | 3/13/2026 17:47 | 3/13/2026 18:01 | 0:14:00               | -7.01              | 159.71             | 413.41            | -44.59            | -158.52           | 428.53           | -141.19                   | 2.81                           |
| 189 | 3/13/2026 18:02 | 3/13/2026 18:03 | 0:01:00               | -46.11             | -154.69            | 429.39            | -47.74            | -149.82           | 430.36           | -143.16                   | 0.84                           |
| 190 | 3/13/2026 18:03 | 3/13/2026 18:08 | 0:04:40               | -48.70             | -146.40            | 430.95            | -51.78            | -119.67           | 433.74           | -142.00                   | 2.00                           |
| 191 | 3/13/2026 18:27 | 3/13/2026 18:47 | 0:20:00               | -12.17             | -45.83             | 424.63            | 43.97             | 8.28              | 424.25           | -142.11                   | 1.89                           |
| 192 | 3/13/2026 18:48 | 3/13/2026 18:53 | 0:05:10               | 46.15              | 13.59              | 424.40            | 51.66             | 41.75             | 423.96           | -141.42                   | 2.58                           |
| 193 | 3/13/2026 19:06 | 3/13/2026 19:19 | 0:12:30               | 31.99              | 104.45             | 415.37            | -4.95             | 134.64            | 413.05           | -141.61                   | 2.39                           |
| 194 | 3/13/2026 19:20 | 3/13/2026 19:34 | 0:14:00               | -7.49              | 136.46             | 413.54            | -44.88            | 178.60            | 428.65           | -141.18                   | 2.82                           |
| 195 | 3/13/2026 19:34 | 3/13/2026 19:36 | 0:01:10               | -46.10             | -178.33            | 429.34            | -47.98            | -172.61           | 430.45           | -143.15                   | 0.85                           |
| 196 | 3/13/2026 19:36 | 3/13/2026 19:39 | 0:02:50               | -48.91             | -169.16            | 431.04            | -51.45            | -153.24           | 432.98           | -141.97                   | 2.03                           |
| 197 | 3/13/2026 20:01 | 3/13/2026 20:20 | 0:18:30               | -7.15              | -65.74             | 423.68            | 44.28             | -14.62            | 424.35           | -142.12                   | 1.88                           |
| 198 | 3/13/2026 20:21 | 3/13/2026 20:27 | 0:06:10               | 46.42              | -9.25              | 424.49            | 51.77             | 25.09             | 423.67           | -141.33                   | 2.67                           |
| 199 | 3/13/2026 20:44 | 3/13/2026 20:52 | 0:07:30               | 17.36              | 94.75              | 412.45            | -5.43             | 111.39            | 413.11           | -141.61                   | 2.39                           |
| 200 | 3/13/2026 20:53 | 3/13/2026 21:06 | 0:13:20               | -7.97              | 113.22             | 413.62            | -43.90            | 152.75            | 428.08           | -141.19                   | 2.81                           |
| 201 | 3/13/2026 21:23 | 3/13/2026 21:41 | 0:18:20               | -39.31             | -120.87            | 431.86            | 13.59             | -74.43            | 422.11           | -142.33                   | 1.67                           |
| 202 | 3/13/2026 21:44 | 3/13/2026 21:53 | 0:08:50               | 21.95              | -67.62             | 422.38            | 44.26             | -38.25            | 424.45           | -142.12                   | 1.88                           |
| 203 | 3/13/2026 21:54 | 3/13/2026 22:15 | 0:20:30               | 46.68              | -32.09             | 424.60            | 25.15             | 64.39             | 413.68           | -141.43                   | 2.57                           |
| 204 | 3/13/2026 22:17 | 3/13/2026 22:25 | 0:07:40               | 17.39              | 71.13              | 412.37            | -5.91             | 88.14             | 413.09           | -141.61                   | 2.39                           |
| 205 | 3/13/2026 22:26 | 3/13/2026 22:40 | 0:13:50               | -8.45              | 89.97              | 413.61            | -45.16            | 132.08            | 428.82           | -141.20                   | 2.80                           |
| 206 | 3/13/2026 22:40 | 3/13/2026 22:41 | 0:01:10               | -46.35             | 135.19             | 429.52            | -48.19            | 140.95            | 430.64           | -143.20                   | 0.80                           |
| 207 | 3/13/2026 22:42 | 3/13/2026 22:47 | 0:04:30               | -49.09             | 144.43             | 431.22            | -51.76            | 170.38            | 433.87           | -141.98                   | 2.02                           |
| 208 | 3/13/2026 22:59 | 3/13/2026 23:14 | 0:14:50               | -31.39             | -133.85            | 429.84            | 12.56             | -98.81            | 422.25           | -142.31                   | 1.69                           |
| 209 | 3/13/2026 23:41 | 3/13/2026 23:54 | 0:12:40               | 40.70              | 21.38              | 418.02            | 5.34              | 56.58             | 411.64           | -141.78                   | 2.22                           |
| 210 | 3/13/2026 23:57 | 3/13/2026 23:58 | 0:01:00               | -3.33              | 62.71              | 412.47            | -6.39             | 64.88             | 413.01           | -142.36                   | 1.64                           |
| 211 | 3/13/2026 23:59 | 3/14/2026 0:05  | 0:06:20               | -8.93              | 66.72              | 413.55            | -27.53            | 82.23             | 419.85           | -141.19                   | 2.81                           |
| 212 | 3/14/2026 0:08  | 3/14/2026 0:12  | 0:04:30               | -35.09             | 90.87              | 423.38            | -45.14            | 108.44            | 428.73           | -142.39                   | 1.61                           |
| 213 | 3/14/2026 0:13  | 3/14/2026 0:14  | 0:01:10               | -46.62             | 112.34             | 429.60            | -48.42            | 118.17            | 430.71           | -143.18                   | 0.82                           |
| 214 | 3/14/2026 0:15  | 3/14/2026 0:21  | 0:05:40               | -49.08             | 120.79             | 431.15            | -51.39            | 153.65            | 434.14           | -141.99                   | 2.01                           |
| 215 | 3/14/2026 0:37  | 3/14/2026 0:54  | 0:17:00               | -16.76             | -143.76            | 426.02            | 33.41             | -103.07           | 423.47           | -142.15                   | 1.85                           |
| 216 | 3/14/2026 1:15  | 3/14/2026 1:29  | 0:13:20               | 38.41              | 1.54               | 417.17            | 0.27              | 36.57             | 411.90           | -141.70                   | 2.30                           |
| 217 | 3/14/2026 1:32  | 3/14/2026 1:36  | 0:04:50               | -8.90              | 43.10              | 413.44            | -23.26            | 54.57             | 417.96           | -141.19                   | 2.81                           |
| 218 | 3/14/2026 1:39  | 3/14/2026 1:44  | 0:05:00               | -31.15             | 62.49              | 421.37            | -43.17            | 80.41             | 427.50           | -142.14                   | 1.86                           |
| 219 | 3/14/2026 1:47  | 3/14/2026 1:47  | 0:00:10               | -48.17             | 93.67              | 430.44            | -48.40            | 94.52             | 430.59           | -143.51                   | 0.49                           |
| 220 | 3/14/2026 1:48  | 3/14/2026 2:32  | 0:43:40               | -49.28             | 98.03              | 431.17            | 44.84             | -107.69           | 424.51           | -141.95                   | 2.05                           |
| 221 | 3/14/2026 2:33  | 3/14/2026 2:38  | 0:05:20               | 46.91              | -102.22            | 424.61            | 51.78             | -72.54            | 423.83           | -141.39                   | 2.61                           |
| 222 | 3/14/2026 2:52  | 3/14/2026 3:04  | 0:11:30               | 27.11              | -8.29              | 413.86            | -7.35             | 18.38             | 413.07           | -141.60                   | 2.40                           |
| 223 | 3/14/2026 3:05  | 3/14/2026 3:18  | 0:13:40               | -9.38              | 19.86              | 413.52            | -45.42            | 61.93             | 428.71           | -141.19                   | 2.81                           |
| 224 | 3/14/2026 3:19  | 3/14/2026 3:20  | 0:01:10               | -46.87             | 65.87              | 429.56            | -48.62            | 71.75             | 430.66           | -143.20                   | 0.80                           |
| 225 | 3/14/2026 3:21  | 3/14/2026 3:22  | 0:01:20               | -49.27             | 74.39              | 431.09            | -50.66            | 81.76             | 432.10           | -142.27                   | 1.73                           |
| 226 | 3/14/2026 3:25  | 3/14/2026 4:05  | 0:39:40               | -51.78             | 98.44              | 433.58            | 45.14             | -130.56           | 424.55           | -142.12                   | 1.88                           |
| 227 | 3/14/2026 4:06  | 3/14/2026 4:09  | 0:03:20               | 47.17              | -125.03            | 424.64            | 51.06             | -107.03           | 424.39           | -142.09                   | 1.91                           |
| 228 | 3/14/2026 4:30  | 3/14/2026 4:37  | 0:06:50               | 13.02              | -19.83             | 411.75            | -7.83             | -4.86             | 413.24           | -141.59                   | 2.41                           |
| 229 | 3/14/2026 5:09  | 3/14/2026 5:38  | 0:28:20               | -33.67             | 129.07             | 430.28            | 45.43             | -153.43           | 424.60           | -142.12                   | 1.88                           |
| 230 | 3/14/2026 5:39  | 3/14/2026 5:44  | 0:05:30               | 47.42              | -147.84            | 424.69            | 51.78             | -116.82           | 423.77           | -141.41                   | 2.59                           |
| 231 | 3/14/2026 6:02  | 3/14/2026 6:10  | 0:08:10               | 17.03              | -46.55             | 412.22            | -7.80             | -28.47            | 413.34           | -141.59                   | 2.41                           |
| 232 | 3/14/2026 6:11  | 3/14/2026 6:18  | 0:07:00               | -10.33             | -26.62             | 413.92            | -30.63            | -8.87             | 421.20           | -141.20                   | 2.80                           |
| 233 | 3/14/2026 6:20  | 3/14/2026 6:24  | 0:03:50               | -37.49             | -0.19              | 424.52            | -45.69            | 15.43             | 428.94           | -142.39                   | 1.61                           |
| 234 | 3/14/2026 6:25  | 3/14/2026 6:26  | 0:01:10               | -47.11             | 19.41              | 429.78            | -48.82            | 25.34             | 430.85           | -143.22                   | 0.78                           |
| 235 | 3/14/2026 6:27  | 3/14/2026 6:29  | 0:02:20               | -49.45             | 28.00              | 431.26            | -51.42            | 41.23             | 432.85           | -141.98                   | 2.02                           |
| 236 | 3/14/2026 6:42  | 3/14/2026 7:10  | 0:28:00               | -32.83             | 106.50             | 430.03            | 45.42             | -177.06           | 424.49           | -142.12                   | 1.88                           |

**Table 10 Departure TRDS SSA (6M16G1D) PFD Exceedances**

|     | Start Time      | Stop Time       | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m <sup>2</sup> /4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|-----------------|-----------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------------------|--------------------------------|
| 237 | 3/14/2026 7:12  | 3/14/2026 7:24  | 0:12:10               | 47.40              | -171.48            | 424.58            | 44.62             | -104.46           | 419.63           | -141.44                               | 2.56                           |
| 238 | 3/14/2026 7:37  | 3/14/2026 7:43  | 0:05:20               | 8.02               | -63.31             | 411.70            | -8.28             | -51.72            | 413.49           | -141.59                               | 2.41                           |
| 239 | 3/14/2026 7:44  | 3/14/2026 7:57  | 0:13:30               | -10.81             | -49.86             | 414.08            | -45.97            | -7.42             | 429.16           | -141.20                               | 2.80                           |
| 240 | 3/14/2026 7:58  | 3/14/2026 7:59  | 0:01:00               | -47.36             | -3.40              | 429.98            | -48.81            | 1.70              | 430.89           | -143.23                               | 0.77                           |
| 241 | 3/14/2026 8:00  | 3/14/2026 8:04  | 0:04:00               | -49.63             | 5.27               | 431.44            | -51.77            | 28.50             | 433.69           | -141.92                               | 2.08                           |
| 242 | 3/14/2026 8:20  | 3/14/2026 8:43  | 0:23:50               | -20.81             | 94.94              | 426.70            | 45.70             | 160.08            | 424.38           | -142.11                               | 1.89                           |
| 243 | 3/14/2026 8:45  | 3/14/2026 8:45  | 0:00:40               | 47.65              | 165.72             | 424.46            | 48.62             | 169.14            | 424.46           | -143.13                               | 0.87                           |
| 244 | 3/14/2026 8:59  | 3/14/2026 9:16  | 0:16:50               | 39.69              | -118.44            | 417.68            | -8.77             | -74.96            | 413.63           | -141.59                               | 2.41                           |
| 245 | 3/14/2026 9:19  | 3/14/2026 9:30  | 0:11:20               | -17.78             | -68.07             | 416.16            | -46.24            | -30.27            | 429.31           | -141.20                               | 2.80                           |
| 246 | 3/14/2026 9:31  | 3/14/2026 9:32  | 0:01:10               | -47.35             | -27.03             | 429.96            | -49.02            | -21.05            | 431.01           | -143.24                               | 0.76                           |
| 247 | 3/14/2026 9:32  | 3/14/2026 9:50  | 0:17:20               | -49.62             | -18.37             | 431.42            | -28.39            | 64.24             | 428.73           | -141.95                               | 2.05                           |
| 248 | 3/14/2026 9:53  | 3/14/2026 10:16 | 0:23:50               | -20.34             | 71.74              | 426.56            | 45.99             | 137.23            | 424.54           | -142.11                               | 1.89                           |
| 249 | 3/14/2026 10:17 | 3/14/2026 10:29 | 0:11:40               | 47.64              | 142.09             | 424.61            | 45.28             | -153.23           | 419.99           | -141.44                               | 2.56                           |
| 250 | 3/14/2026 10:32 | 3/14/2026 10:49 | 0:17:00               | 39.70              | -142.07            | 417.86            | -9.24             | -98.20            | 413.83           | -141.58                               | 2.42                           |
| 251 | 3/14/2026 10:49 | 3/14/2026 11:03 | 0:13:30               | -11.26             | -96.71             | 414.32            | -46.23            | -53.90            | 429.34           | -141.21                               | 2.79                           |
| 252 | 3/14/2026 11:04 | 3/14/2026 11:05 | 0:01:00               | -47.59             | -49.85             | 430.15            | -49.00            | -44.70            | 431.04           | -143.25                               | 0.75                           |
| 253 | 3/14/2026 11:05 | 3/14/2026 11:23 | 0:18:00               | -49.80             | -41.11             | 431.57            | -26.10            | 42.94             | 428.07           | -141.93                               | 2.07                           |
| 254 | 3/14/2026 11:26 | 3/14/2026 11:50 | 0:23:30               | -17.93             | 50.15              | 425.94            | 46.78             | 115.86            | 417.67           | -142.04                               | 1.96                           |
| 255 | 3/14/2026 11:53 | 3/14/2026 12:11 | 0:18:00               | 50.46              | 130.75             | 411.47            | 23.64             | -146.52           | 297.39           | -139.95                               | 4.05                           |
| 256 | 3/14/2026 12:13 | 3/14/2026 13:08 | 0:54:30               | 15.08              | -139.33            | 273.69            | 16.58             | 52.60             | 378.07           | -134.75                               | 9.25                           |
| 257 | 3/14/2026 13:11 | 3/14/2026 13:20 | 0:09:20               | 24.36              | 59.26              | 391.64            | 46.62             | 92.43             | 413.04           | -141.58                               | 2.42                           |
| 258 | 3/14/2026 13:21 | 3/14/2026 13:25 | 0:04:50               | 47.69              | 95.69              | 412.72            | 51.77             | 122.74            | 402.53           | -141.07                               | 2.93                           |
| 259 | 3/14/2026 13:41 | 3/14/2026 14:08 | 0:27:20               | 23.00              | -168.91            | 295.87            | -51.07            | -79.32            | 197.57           | -134.76                               | 9.24                           |
| 260 | 3/14/2026 14:27 | 3/14/2026 14:43 | 0:16:00               | -19.04             | 3.28               | 299.16            | 29.17             | 41.04             | 398.29           | -139.70                               | 4.30                           |
| 261 | 3/14/2026 15:08 | 3/14/2026 15:41 | 0:32:40               | 32.30              | 158.64             | 323.73            | -51.79            | -89.35            | 204.05           | -134.74                               | 9.26                           |
| 262 | 3/14/2026 15:48 | 3/14/2026 16:12 | 0:24:30               | -43.86             | -50.73             | 236.83            | 27.03             | 15.89             | 394.53           | -137.91                               | 6.09                           |
| 263 | 3/14/2026 16:15 | 3/14/2026 16:35 | 0:20:20               | 34.61              | 24.40              | 404.66            | 40.18             | 124.66            | 331.19           | -140.77                               | 3.23                           |
| 264 | 3/14/2026 16:38 | 3/14/2026 17:13 | 0:35:00               | 33.09              | 134.74             | 300.29            | -46.56            | -145.00           | 2.29             | -98.22                                | 45.78                          |

|                                                                                 |       |    |
|---------------------------------------------------------------------------------|-------|----|
| Maximum exceedance to -144 dBW/m <sup>2</sup> /4 kHz ITU/FCC Limit :            | 45.78 | dB |
| Maximum exceedance to -128 dBW/m <sup>2</sup> /4 kHz PIRN 50885-NA-0068B Limit: | 29.78 | dB |

**Table 11 Departure TRDS SMA (6M16G1D) PFD Exceedances**

|    | Start Time      | Stop Time       | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m <sup>2</sup> /4kHz) | PFD Non-<br>Compliance<br>(dB) |
|----|-----------------|-----------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------------------|--------------------------------|
| 1  | 3/10/2026 2:09  | 3/10/2026 2:26  | 0:17:00               | -18.69             | -145.18            | 431.30            | 31.65             | -105.02           | 426.67           | -139.91                               | 4.09                           |
| 2  | 3/10/2026 4:33  | 3/10/2026 4:52  | 0:18:30               | 3.69               | 10.68              | 415.61            | -46.37            | 64.56             | 434.64           | -139.16                               | 4.84                           |
| 3  | 3/10/2026 8:13  | 3/10/2026 8:31  | 0:18:30               | -39.41             | 97.47              | 437.19            | 13.90             | 144.31            | 426.02           | -140.14                               | 3.86                           |
| 4  | 3/10/2026 9:52  | 3/10/2026 10:12 | 0:19:30               | -22.97             | 93.08              | 432.23            | 34.34             | 140.15            | 426.66           | -139.91                               | 4.09                           |
| 5  | 3/10/2026 11:35 | 3/10/2026 11:54 | 0:19:20               | 5.78               | 91.10              | 426.42            | 51.13             | 159.24            | 427.23           | -139.24                               | 4.76                           |
| 6  | 3/10/2026 12:48 | 3/10/2026 13:03 | 0:14:50               | -46.70             | 11.19              | 439.09            | -8.22             | 57.55             | 428.47           | -140.18                               | 3.82                           |
| 7  | 3/10/2026 14:21 | 3/10/2026 14:40 | 0:19:20               | -47.13             | -13.70             | 439.06            | 4.69              | 43.09             | 426.45           | -140.16                               | 3.84                           |
| 8  | 3/10/2026 16:03 | 3/10/2026 16:23 | 0:19:30               | -24.06             | -2.37              | 432.33            | 33.36             | 44.47             | 426.67           | -139.91                               | 4.09                           |
| 9  | 3/10/2026 22:07 | 3/10/2026 22:23 | 0:16:20               | -44.74             | -125.39            | 438.24            | -0.30             | -78.51            | 427.02           | -140.25                               | 3.75                           |
| 10 | 3/10/2026 23:42 | 3/10/2026 23:53 | 0:11:00               | -40.05             | -139.74            | 437.17            | -9.71             | -108.85           | 428.80           | -140.26                               | 3.74                           |
| 11 | 3/11/2026 1:22  | 3/11/2026 1:38  | 0:16:30               | -21.85             | -142.08            | 431.96            | 27.33             | -103.86           | 426.53           | -139.92                               | 4.08                           |
| 12 | 3/11/2026 3:05  | 3/11/2026 3:22  | 0:17:20               | 9.48               | -142.38            | 426.42            | 50.53             | -81.40            | 427.66           | -139.22                               | 4.78                           |
| 13 | 3/11/2026 4:46  | 3/11/2026 4:55  | 0:09:50               | 31.37              | -146.79            | 426.84            | 50.59             | -104.60           | 427.66           | -139.18                               | 4.82                           |
| 14 | 3/11/2026 9:04  | 3/11/2026 9:21  | 0:16:40               | -27.44             | 94.63              | 433.31            | 22.22             | 133.28            | 426.08           | -140.12                               | 3.88                           |
| 15 | 3/11/2026 10:46 | 3/11/2026 11:05 | 0:19:30               | -2.09              | 91.32              | 427.31            | 48.69             | 151.62            | 427.77           | -139.16                               | 4.84                           |
| 16 | 3/11/2026 12:01 | 3/11/2026 12:15 | 0:13:50               | -48.12             | 12.44              | 439.00            | -13.98            | 59.04             | 429.61           | -140.16                               | 3.84                           |
| 17 | 3/11/2026 12:29 | 3/11/2026 12:49 | 0:20:10               | 27.82              | 91.34              | 426.42            | 45.66             | -172.00           | 423.40           | -139.15                               | 4.85                           |
| 18 | 3/11/2026 13:06 | 3/11/2026 13:14 | 0:07:10               | -1.45              | -121.60            | 416.54            | -22.93            | -105.11           | 422.65           | -139.10                               | 4.90                           |
| 19 | 3/11/2026 13:39 | 3/11/2026 13:57 | 0:18:30               | -39.31             | 8.94               | 436.75            | 14.03             | 55.73             | 425.96           | -140.12                               | 3.88                           |
| 20 | 3/11/2026 14:06 | 3/11/2026 14:25 | 0:19:10               | 38.79              | 81.34              | 427.32            | 38.86             | 177.86            | 420.96           | -139.11                               | 4.89                           |
| 21 | 3/11/2026 14:36 | 3/11/2026 15:02 | 0:25:50               | 8.51               | -152.29            | 415.77            | -51.78            | -63.26            | 438.47           | -139.09                               | 4.91                           |
| 22 | 3/11/2026 15:15 | 3/11/2026 15:40 | 0:24:40               | -30.74             | -3.31              | 434.08            | 40.11             | 59.88             | 427.44           | -139.93                               | 4.07                           |
| 23 | 3/11/2026 15:44 | 3/11/2026 15:53 | 0:09:00               | 48.76              | 81.04              | 427.88            | 48.38             | 132.47            | 424.64           | -139.52                               | 4.48                           |
| 24 | 3/11/2026 15:56 | 3/11/2026 16:12 | 0:16:20               | 43.46              | 145.89             | 422.60            | -1.90             | -168.52           | 416.62           | -139.25                               | 4.75                           |
| 25 | 3/11/2026 17:01 | 3/11/2026 17:19 | 0:18:30               | 7.43               | 3.60               | 426.18            | 50.93             | 68.88             | 427.65           | -139.02                               | 4.98                           |
| 26 | 3/11/2026 17:22 | 3/11/2026 17:31 | 0:08:30               | 51.74              | 85.68              | 426.83            | 40.07             | 128.67            | 421.37           | -139.52                               | 4.48                           |
| 27 | 3/11/2026 17:34 | 3/11/2026 17:56 | 0:21:40               | 31.77              | 140.11             | 418.86            | -31.87            | -166.92           | 426.54           | -139.10                               | 4.90                           |
| 28 | 3/11/2026 17:58 | 3/11/2026 18:08 | 0:09:10               | -38.98             | -157.37            | 430.13            | -51.77            | -111.60           | 438.32           | -140.05                               | 3.95                           |
| 29 | 3/11/2026 18:37 | 3/11/2026 18:59 | 0:22:00               | 17.65              | -12.26             | 425.92            | 48.41             | 85.14             | 424.67           | -139.03                               | 4.97                           |
| 30 | 3/11/2026 19:19 | 3/11/2026 19:37 | 0:17:50               | -4.38              | 146.02             | 417.01            | -49.28            | -155.81           | 435.96           | -139.08                               | 4.92                           |
| 31 | 3/11/2026 19:40 | 3/11/2026 19:45 | 0:04:50               | -51.58             | -139.73            | 437.84            | -49.60            | -111.60           | 438.77           | -140.15                               | 3.85                           |
| 32 | 3/11/2026 20:19 | 3/11/2026 20:38 | 0:19:00               | 40.99              | -9.45              | 427.60            | 36.95             | 86.26             | 420.47           | -139.06                               | 4.94                           |
| 33 | 3/11/2026 20:41 | 3/11/2026 20:58 | 0:16:40               | 28.65              | 96.28              | 418.18            | -21.10            | 135.21            | 421.80           | -139.10                               | 4.90                           |
| 34 | 3/11/2026 21:28 | 3/11/2026 21:40 | 0:12:10               | -28.12             | -94.98             | 433.14            | 8.11              | -66.75            | 426.16           | -140.29                               | 3.71                           |
| 35 | 3/12/2026 1:14  | 3/12/2026 1:32  | 0:18:00               | 42.55              | 6.05               | 422.18            | -8.32             | 54.38             | 417.50           | -139.11                               | 4.89                           |
| 36 | 3/12/2026 2:58  | 3/12/2026 3:15  | 0:16:20               | 11.79              | 16.37              | 415.45            | -36.01            | 56.59             | 428.22           | -139.06                               | 4.94                           |
| 37 | 3/12/2026 5:01  | 3/12/2026 5:43  | 0:42:20               | -50.66             | 100.84             | 438.77            | 51.40             | -115.64           | 427.75           | -139.00                               | 5.00                           |
| 38 | 3/12/2026 6:00  | 3/12/2026 6:22  | 0:22:10               | 24.14              | -40.99             | 417.03            | -39.96            | 15.30             | 430.33           | -139.06                               | 4.94                           |
| 39 | 3/12/2026 7:06  | 3/12/2026 7:21  | 0:14:30               | 33.77              | 174.62             | 427.15            | 50.45             | -113.23           | 425.90           | -138.97                               | 5.03                           |
| 40 | 3/12/2026 7:38  | 3/12/2026 7:45  | 0:07:30               | 10.61              | -53.59             | 415.63            | -12.24            | -37.18            | 418.66           | -139.08                               | 4.92                           |
| 41 | 3/12/2026 8:35  | 3/12/2026 8:50  | 0:15:00               | 21.06              | 138.05             | 426.13            | 51.54             | -161.01           | 427.49           | -138.94                               | 5.06                           |
| 42 | 3/12/2026 8:52  | 3/12/2026 9:48  | 0:55:50               | 51.44              | -145.10            | 426.50            | -35.80            | 67.13             | 435.52           | -139.09                               | 4.91                           |
| 43 | 3/12/2026 9:54  | 3/12/2026 10:27 | 0:32:50               | -18.34             | 84.99              | 430.51            | 49.79             | -156.85           | 425.40           | -138.92                               | 5.08                           |
| 44 | 3/12/2026 10:30 | 3/12/2026 11:27 | 0:57:20               | 45.61              | -142.47            | 423.46            | -18.11            | 61.56             | 431.54           | -139.07                               | 4.93                           |
| 45 | 3/12/2026 11:30 | 3/12/2026 12:06 | 0:35:30               | -9.65              | 68.07              | 430.03            | 40.02             | -154.65           | 426.31           | -139.08                               | 4.92                           |
| 46 | 3/12/2026 12:10 | 3/12/2026 13:08 | 0:58:40               | 29.94              | -141.23            | 422.92            | 6.14              | 55.67             | 428.68           | -139.13                               | 4.87                           |
| 47 | 3/12/2026 13:11 | 3/12/2026 13:18 | 0:07:10               | 14.68              | 62.00              | 428.87            | 34.80             | 81.46             | 431.16           | -140.03                               | 3.97                           |
| 48 | 3/12/2026 13:21 | 3/12/2026 14:13 | 0:52:00               | 41.53              | 91.77              | 432.14            | -50.47            | -73.09            | 436.74           | -139.05                               | 4.95                           |
| 49 | 3/12/2026 14:31 | 3/12/2026 14:45 | 0:14:50               | -26.14             | 7.21               | 433.16            | 18.21             | 41.18             | 429.08           | -140.14                               | 3.86                           |
| 50 | 3/12/2026 15:15 | 3/12/2026 15:49 | 0:33:50               | 32.49              | 168.62             | 423.81            | -51.75            | -82.97            | 437.93           | -139.11                               | 4.89                           |
| 51 | 3/12/2026 16:06 | 3/12/2026 16:35 | 0:28:50               | -18.89             | -9.96              | 431.47            | 51.71             | 84.03             | 432.52           | -139.14                               | 4.86                           |
| 52 | 3/12/2026 16:38 | 3/12/2026 17:19 | 0:40:50               | 51.04              | 100.84             | 431.42            | -49.85            | -123.79           | 436.25           | -139.12                               | 4.88                           |
| 53 | 3/12/2026 17:21 | 3/12/2026 18:01 | 0:39:30               | -51.68             | -108.44            | 437.74            | 42.75             | 23.22             | 432.30           | -140.13                               | 3.87                           |
| 54 | 3/12/2026 18:04 | 3/12/2026 18:12 | 0:08:50               | 47.86              | 36.29              | 432.87            | 49.44             | 86.69             | 430.37           | -139.49                               | 4.51                           |
| 55 | 3/12/2026 18:15 | 3/12/2026 19:09 | 0:53:20               | 45.05              | 100.79             | 428.17            | -28.64            | -66.16            | 429.07           | -139.07                               | 4.93                           |
| 56 | 3/12/2026 19:11 | 3/12/2026 19:41 | 0:29:40               | -21.09             | -59.05             | 426.95            | 51.74             | 37.58             | 423.66           | -138.93                               | 5.07                           |
| 57 | 3/12/2026 19:44 | 3/12/2026 19:51 | 0:07:40               | 51.06              | 53.44              | 422.56            | 38.34             | 89.94             | 417.16           | -140.03                               | 3.97                           |
| 58 | 3/12/2026 19:54 | 3/12/2026 20:24 | 0:30:10               | 31.13              | 99.35              | 415.01            | -49.70            | -171.74           | 431.91           | -138.99                               | 5.01                           |
| 59 | 3/12/2026 20:36 | 3/12/2026 20:49 | 0:12:50               | -42.28             | -108.61            | 432.93            | -7.19             | -71.86            | 423.86           | -140.13                               | 3.87                           |
| 60 | 3/12/2026 20:52 | 3/12/2026 21:24 | 0:32:10               | 1.45               | -65.74             | 422.65            | 39.16             | 65.07             | 417.47           | -138.94                               | 5.06                           |

Table 11 Departure TRDS SMA (6M16G1D) PFD Exceedances

|     | Start Time      | Stop Time       | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m <sup>2</sup> /4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|-----------------|-----------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------------------|--------------------------------|
| 61  | 3/12/2026 22:11 | 3/12/2026 22:26 | 0:15:20               | -36.95             | -123.41            | 431.61            | 7.51              | -85.03            | 422.32           | -140.18                               | 3.82                           |
| 62  | 3/12/2026 22:42 | 3/12/2026 23:03 | 0:21:00               | 47.72              | -34.97             | 424.38            | 21.83             | 61.31             | 412.87           | -138.93                               | 5.07                           |
| 63  | 3/12/2026 23:47 | 3/13/2026 0:02  | 0:15:00               | -30.09             | -138.50            | 429.82            | 14.51             | -103.41           | 422.26           | -140.20                               | 3.80                           |
| 64  | 3/13/2026 0:28  | 3/13/2026 0:44  | 0:15:10               | 41.48              | 13.91              | 418.04            | -1.25             | 55.14             | 412.19           | -139.36                               | 4.64                           |
| 65  | 3/13/2026 0:57  | 3/13/2026 1:09  | 0:11:50               | -40.28             | 92.49              | 426.35            | -50.46            | 155.15            | 434.65           | -139.89                               | 4.11                           |
| 66  | 3/13/2026 1:24  | 3/13/2026 1:42  | 0:17:40               | -17.31             | -150.29            | 426.36            | 34.66             | -107.60           | 423.43           | -139.88                               | 4.12                           |
| 67  | 3/13/2026 2:04  | 3/13/2026 2:26  | 0:21:40               | 34.32              | 1.15               | 415.64            | -29.30            | 54.37             | 420.77           | -138.96                               | 5.04                           |
| 68  | 3/13/2026 2:52  | 3/13/2026 3:25  | 0:32:50               | -30.60             | 173.76             | 429.91            | 51.69             | -81.73            | 423.72           | -139.01                               | 4.99                           |
| 69  | 3/13/2026 4:24  | 3/13/2026 4:57  | 0:33:10               | -34.13             | 146.00             | 430.81            | 51.26             | -111.30           | 424.07           | -138.92                               | 5.08                           |
| 70  | 3/13/2026 5:16  | 3/13/2026 5:41  | 0:25:00               | 18.05              | -29.87             | 412.20            | -49.03            | 43.66             | 431.30           | -138.98                               | 5.02                           |
| 71  | 3/13/2026 5:56  | 3/13/2026 6:31  | 0:34:50               | -34.59             | 121.83             | 430.86            | 51.77             | -126.04           | 423.68           | -139.06                               | 4.94                           |
| 72  | 3/13/2026 6:50  | 3/13/2026 7:17  | 0:27:00               | 13.61              | -49.96             | 411.85            | -51.71            | 39.94             | 433.70           | -138.98                               | 5.02                           |
| 73  | 3/13/2026 7:30  | 3/13/2026 8:02  | 0:31:40               | -31.57             | 101.88             | 430.00            | 50.91             | -161.51           | 424.08           | -138.99                               | 5.01                           |
| 74  | 3/13/2026 8:12  | 3/13/2026 8:24  | 0:11:20               | 41.95              | -104.94            | 418.32            | 11.12             | -71.68            | 411.72           | -139.56                               | 4.44                           |
| 75  | 3/13/2026 8:27  | 3/13/2026 8:51  | 0:24:10               | 2.48               | -65.45             | 411.93            | -51.78            | 21.27             | 434.04           | -138.97                               | 5.03                           |
| 76  | 3/13/2026 9:09  | 3/13/2026 9:26  | 0:17:10               | -14.98             | 93.58              | 425.51            | 35.38             | 135.37            | 423.29           | -139.89                               | 4.11                           |
| 77  | 3/13/2026 9:47  | 3/13/2026 10:02 | 0:15:10               | 38.57              | -122.76            | 417.09            | -5.14             | -83.66            | 413.00           | -139.39                               | 4.61                           |
| 78  | 3/13/2026 10:18 | 3/13/2026 10:39 | 0:21:00               | -46.49             | -35.68             | 429.88            | -24.26            | 62.17             | 427.91           | -139.85                               | 4.15                           |
| 79  | 3/13/2026 11:23 | 3/13/2026 11:39 | 0:16:00               | 30.96              | -136.41            | 414.95            | -16.69            | -98.64            | 416.06           | -139.08                               | 4.92                           |
| 80  | 3/13/2026 12:05 | 3/13/2026 12:19 | 0:14:10               | -41.43             | 17.04              | 432.74            | -1.93             | 55.94             | 423.07           | -140.10                               | 3.90                           |
| 81  | 3/13/2026 12:33 | 3/13/2026 12:45 | 0:12:40               | 37.39              | 90.99              | 423.57            | 50.77             | 156.11            | 422.47           | -139.12                               | 4.88                           |
| 82  | 3/13/2026 13:03 | 3/13/2026 13:23 | 0:19:50               | 8.18               | -140.30            | 411.86            | -46.16            | -83.77            | 429.60           | -138.98                               | 5.02                           |
| 83  | 3/13/2026 13:39 | 3/13/2026 14:01 | 0:21:40               | -37.21             | 0.29               | 431.45            | 25.90             | 53.97             | 422.48           | -139.95                               | 4.05                           |
| 84  | 3/13/2026 14:29 | 3/13/2026 15:01 | 0:32:00               | 28.75              | 178.80             | 414.49            | -51.65            | -79.33            | 433.47           | -138.98                               | 5.02                           |
| 85  | 3/13/2026 16:00 | 3/13/2026 16:35 | 0:34:40               | 32.82              | 150.66             | 415.56            | -51.78            | -96.02            | 433.87           | -138.98                               | 5.02                           |
| 86  | 3/13/2026 16:55 | 3/13/2026 17:15 | 0:20:00               | -9.63              | -20.35             | 424.20            | 45.57             | 35.66             | 424.30           | -139.89                               | 4.11                           |
| 87  | 3/13/2026 17:33 | 3/13/2026 18:08 | 0:35:00               | 33.72              | 125.97             | 415.80            | -51.78            | -119.67           | 433.74           | -138.97                               | 5.03                           |
| 88  | 3/13/2026 18:27 | 3/13/2026 18:53 | 0:26:20               | -12.17             | -45.83             | 424.63            | 51.66             | 41.75             | 423.96           | -139.20                               | 4.80                           |
| 89  | 3/13/2026 19:06 | 3/13/2026 19:39 | 0:32:40               | 31.99              | 104.45             | 415.37            | -51.45            | -153.24           | 432.98           | -138.96                               | 5.04                           |
| 90  | 3/13/2026 20:01 | 3/13/2026 20:27 | 0:25:50               | -7.15              | -65.74             | 423.68            | 51.77             | 25.09             | 423.67           | -139.11                               | 4.89                           |
| 91  | 3/13/2026 20:44 | 3/13/2026 21:06 | 0:21:40               | 17.36              | 94.75              | 412.45            | -43.90            | 152.75            | 428.08           | -138.97                               | 5.03                           |
| 92  | 3/13/2026 21:23 | 3/13/2026 21:41 | 0:18:20               | -39.31             | -120.87            | 431.86            | 13.59             | -74.43            | 422.11           | -140.11                               | 3.89                           |
| 93  | 3/13/2026 21:44 | 3/13/2026 22:15 | 0:30:40               | 21.95              | -67.62             | 422.38            | 25.15             | 64.39             | 413.68           | -139.21                               | 4.79                           |
| 94  | 3/13/2026 22:17 | 3/13/2026 22:47 | 0:29:20               | 17.39              | 71.13              | 412.37            | -51.76            | 170.38            | 433.87           | -138.98                               | 5.02                           |
| 95  | 3/13/2026 22:59 | 3/13/2026 23:14 | 0:14:50               | -31.39             | -133.85            | 429.84            | 12.56             | -98.81            | 422.25           | -140.09                               | 3.91                           |
| 96  | 3/13/2026 23:41 | 3/13/2026 23:54 | 0:12:40               | 40.70              | 21.38              | 418.02            | 5.34              | 56.58             | 411.64           | -139.56                               | 4.44                           |
| 97  | 3/13/2026 23:57 | 3/14/2026 0:05  | 0:08:10               | -3.33              | 62.71              | 412.47            | -27.53            | 82.23             | 419.85           | -138.97                               | 5.03                           |
| 98  | 3/14/2026 0:08  | 3/14/2026 0:21  | 0:12:40               | -35.09             | 90.87              | 423.38            | -51.39            | 153.65            | 434.14           | -139.77                               | 4.23                           |
| 99  | 3/14/2026 0:37  | 3/14/2026 0:54  | 0:17:00               | -16.76             | -143.76            | 426.02            | 33.41             | -103.07           | 423.47           | -139.93                               | 4.07                           |
| 100 | 3/14/2026 1:15  | 3/14/2026 1:29  | 0:13:20               | 38.41              | 1.54               | 417.17            | 0.27              | 36.57             | 411.90           | -139.48                               | 4.52                           |
| 101 | 3/14/2026 1:31  | 3/14/2026 1:36  | 0:05:00               | -8.39              | 42.73              | 413.32            | -23.26            | 54.57             | 417.96           | -138.97                               | 5.03                           |
| 102 | 3/14/2026 1:39  | 3/14/2026 1:44  | 0:05:00               | -31.15             | 62.49              | 421.37            | -43.17            | 80.41             | 427.50           | -139.92                               | 4.08                           |
| 103 | 3/14/2026 1:47  | 3/14/2026 2:38  | 0:51:00               | -48.17             | 93.67              | 430.44            | 51.78             | -72.54            | 423.83           | -139.17                               | 4.83                           |
| 104 | 3/14/2026 2:52  | 3/14/2026 3:22  | 0:29:40               | 27.11              | -8.29              | 413.86            | -50.66            | 81.76             | 432.10           | -138.97                               | 5.03                           |
| 105 | 3/14/2026 3:25  | 3/14/2026 4:09  | 0:44:10               | -51.78             | 98.44              | 433.58            | 51.06             | -107.03           | 424.39           | -139.87                               | 4.13                           |
| 106 | 3/14/2026 4:30  | 3/14/2026 4:37  | 0:07:20               | 13.02              | -19.83             | 411.75            | -9.35             | -3.75             | 413.57           | -139.37                               | 4.63                           |
| 107 | 3/14/2026 5:09  | 3/14/2026 5:44  | 0:35:00               | -33.67             | 129.07             | 430.28            | 51.78             | -116.82           | 423.77           | -139.19                               | 4.81                           |
| 108 | 3/14/2026 6:02  | 3/14/2026 6:18  | 0:16:00               | 17.03              | -46.55             | 412.22            | -30.63            | -8.87             | 421.20           | -138.98                               | 5.02                           |
| 109 | 3/14/2026 6:20  | 3/14/2026 6:29  | 0:08:40               | -37.49             | -0.19              | 424.52            | -51.42            | 41.23             | 432.85           | -139.76                               | 4.24                           |
| 110 | 3/14/2026 6:42  | 3/14/2026 7:24  | 0:41:20               | -32.83             | 106.50             | 430.03            | 44.62             | -104.46           | 419.63           | -139.22                               | 4.78                           |
| 111 | 3/14/2026 7:37  | 3/14/2026 8:04  | 0:26:10               | 8.02               | -63.31             | 411.70            | -51.77            | 28.50             | 433.69           | -138.98                               | 5.02                           |
| 112 | 3/14/2026 8:20  | 3/14/2026 8:45  | 0:25:40               | -20.81             | 94.94              | 426.70            | 48.62             | 169.14            | 424.46           | -139.89                               | 4.11                           |
| 113 | 3/14/2026 8:59  | 3/14/2026 9:16  | 0:17:00               | 39.69              | -118.44            | 417.68            | -9.27             | -74.59            | 413.74           | -139.37                               | 4.63                           |
| 114 | 3/14/2026 9:19  | 3/14/2026 9:50  | 0:31:00               | -17.78             | -68.07             | 416.16            | -28.39            | 64.24             | 428.73           | -138.98                               | 5.02                           |
| 115 | 3/14/2026 9:53  | 3/14/2026 10:29 | 0:36:30               | -20.34             | 71.74              | 426.56            | 45.28             | -153.23           | 419.99           | -139.22                               | 4.78                           |
| 116 | 3/14/2026 10:32 | 3/14/2026 11:23 | 0:51:40               | 39.70              | -142.07            | 417.86            | -26.10            | 42.94             | 428.07           | -138.99                               | 5.01                           |
| 117 | 3/14/2026 11:26 | 3/14/2026 11:50 | 0:23:30               | -17.93             | 50.15              | 425.94            | 46.78             | 115.86            | 417.67           | -139.82                               | 4.18                           |
| 118 | 3/14/2026 11:53 | 3/14/2026 12:11 | 0:18:00               | 50.46              | 130.75             | 411.47            | 23.64             | -146.52           | 297.39           | -137.73                               | 6.27                           |
| 119 | 3/14/2026 12:13 | 3/14/2026 13:08 | 0:54:30               | 15.08              | -139.33            | 273.69            | 16.58             | 52.60             | 378.07           | -132.53                               | 11.47                          |
| 120 | 3/14/2026 13:11 | 3/14/2026 13:25 | 0:14:50               | 24.36              | 59.26              | 391.64            | 51.77             | 122.74            | 402.53           | -138.85                               | 5.15                           |

**Table 11 Departure TRDS SMA (6M16G1D) PFD Exceedances**

|     | Start Time      | Stop Time       | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m <sup>2</sup> /4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|-----------------|-----------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------------------|--------------------------------|
| 121 | 3/14/2026 13:41 | 3/14/2026 14:08 | 0:27:20               | 23.00              | -168.91            | 295.87            | -51.07            | -79.32            | 197.57           | -132.54                               | 11.46                          |
| 122 | 3/14/2026 14:27 | 3/14/2026 14:43 | 0:16:00               | -19.04             | 3.28               | 299.16            | 29.17             | 41.04             | 398.29           | -137.48                               | 6.52                           |
| 123 | 3/14/2026 15:08 | 3/14/2026 15:41 | 0:32:40               | 32.30              | 158.64             | 323.73            | -51.79            | -89.35            | 204.05           | -132.52                               | 11.48                          |
| 124 | 3/14/2026 15:48 | 3/14/2026 16:12 | 0:24:30               | -43.86             | -50.73             | 236.83            | 27.03             | 15.89             | 394.53           | -135.69                               | 8.31                           |
| 125 | 3/14/2026 16:15 | 3/14/2026 16:35 | 0:20:20               | 34.61              | 24.40              | 404.66            | 40.18             | 124.66            | 331.19           | -138.55                               | 5.45                           |
| 126 | 3/14/2026 16:38 | 3/14/2026 17:13 | 0:35:00               | 33.09              | 134.74             | 300.29            | -46.56            | -145.00           | 2.29             | -96.00                                | 48.00                          |

Maximum exceedance to -144 dBW/m<sup>2</sup>/4 kHz ITU/FCC Limit : 48.00 dB  
Maximum exceedance to -128 dBW/m<sup>2</sup>/4 kHz PIRN 50885-NA-0068B Limit: 32.00 dB

Table 12 Departure GN 6 Mbps (4M98G1D) PFD Exceedances

|    | Start Time      | Stop Time       | Duration (h:mm:ss) | Start Lat (deg) | Start Lon (deg) | Start Alt (km) | Stop Lat (deg) | Stop Lon (deg) | Stop Alt (km) | Max PFD (dBW/m <sup>2</sup> /4kHz) | PFD Non-Compliance (dB) |
|----|-----------------|-----------------|--------------------|-----------------|-----------------|----------------|----------------|----------------|---------------|------------------------------------|-------------------------|
| 1  | 3/10/2026 0:51  | 3/10/2026 0:56  | 0:04:50            | 27.10           | -86.26          | 426.31         | 39.56          | -70.66         | 427.18        | -141.77                            | 2.23                    |
| 2  | 3/10/2026 2:30  | 3/10/2026 2:32  | 0:02:29            | 41.30           | -91.29          | 427.34         | 46.21          | -80.47         | 427.57        | -141.86                            | 2.14                    |
| 3  | 3/10/2026 2:33  | 3/10/2026 2:33  | 0:00:00            | 47.05           | -78.06          | 427.57         | 47.05          | -78.06         | 427.57        | -143.97                            | 0.03                    |
| 4  | 3/10/2026 2:34  | 3/10/2026 2:35  | 0:01:30            | 48.32           | -73.87          | 427.56         | 50.15          | -65.82         | 427.41        | -140.87                            | 3.13                    |
| 5  | 3/10/2026 2:36  | 3/10/2026 2:36  | 0:00:01            | 50.75           | -62.05          | 427.30         | 50.77          | -61.96         | 427.30        | -143.54                            | 0.46                    |
| 6  | 3/10/2026 4:09  | 3/10/2026 4:09  | 0:00:11            | 50.86           | -84.88          | 427.30         | 51.00          | -83.86         | 427.27        | -141.97                            | 2.03                    |
| 7  | 3/10/2026 4:10  | 3/10/2026 4:11  | 0:00:49            | 51.60           | -77.26          | 426.98         | 51.78          | -72.39         | 426.71        | -143.42                            | 0.58                    |
| 8  | 3/10/2026 4:12  | 3/10/2026 4:12  | 0:00:00            | 51.73           | -67.39          | 426.38         | 51.73          | -67.39         | 426.38        | -143.96                            | 0.04                    |
| 9  | 3/10/2026 5:47  | 3/10/2026 5:50  | 0:03:09            | 50.79           | -79.81          | 425.49         | 46.86          | -63.02         | 423.47        | -141.72                            | 2.28                    |
| 10 | 3/10/2026 5:50  | 3/10/2026 5:50  | 0:00:00            | 46.01           | -60.62          | 423.11         | 46.01          | -60.62         | 423.11        | -143.52                            | 0.48                    |
| 11 | 3/10/2026 5:51  | 3/10/2026 5:51  | 0:00:31            | 45.10           | -58.31          | 422.74         | 44.11          | -56.00         | 422.35        | -142.77                            | 1.23                    |
| 12 | 3/10/2026 7:22  | 3/10/2026 7:23  | 0:01:00            | 47.43           | -88.38          | 423.82         | 45.76          | -83.59         | 423.10        | -141.82                            | 2.18                    |
| 13 | 3/10/2026 7:24  | 3/10/2026 7:29  | 0:04:50            | 44.84           | -81.29          | 422.73         | 33.80          | -62.81         | 419.03        | -140.53                            | 3.47                    |
| 14 | 3/10/2026 7:29  | 3/10/2026 7:30  | 0:00:49            | 32.49           | -61.22          | 418.67         | 30.30          | -58.73         | 418.11        | -142.67                            | 1.33                    |
| 15 | 3/10/2026 10:54 | 3/10/2026 10:54 | 0:00:20            | -22.76          | -63.81          | 422.73         | -23.72         | -62.95         | 423.13        | -143.72                            | 0.28                    |
| 16 | 3/10/2026 10:56 | 3/10/2026 10:56 | 0:00:00            | -29.32          | -57.45          | 425.65         | -29.32         | -57.45         | 425.65        | -143.63                            | 0.37                    |
| 17 | 3/10/2026 12:28 | 3/10/2026 12:34 | 0:05:49            | -26.59          | -83.84          | 424.43         | -41.38         | -64.62         | 431.92        | -140.62                            | 3.38                    |
| 18 | 3/10/2026 19:01 | 3/10/2026 19:05 | 0:04:50            | -45.03          | -78.86          | 438.39         | -34.14         | -60.34         | 435.30        | -142.00                            | 2.00                    |
| 19 | 3/10/2026 19:06 | 3/10/2026 19:07 | 0:00:55            | -32.41          | -58.23          | 434.77         | -29.94         | -55.45         | 434.02        | -140.91                            | 3.09                    |
| 20 | 3/11/2026 0:05  | 3/11/2026 0:09  | 0:03:40            | 27.36           | -80.21          | 426.45         | 37.01          | -68.78         | 427.19        | -141.82                            | 2.18                    |
| 21 | 3/11/2026 1:42  | 3/11/2026 1:45  | 0:02:59            | 38.10           | -90.79          | 427.32         | 44.59          | -78.77         | 427.75        | -141.92                            | 2.08                    |
| 22 | 3/11/2026 1:46  | 3/11/2026 1:47  | 0:01:10            | 45.82           | -75.73          | 427.80         | 47.75          | -70.06         | 427.82        | -140.50                            | 3.50                    |
| 23 | 3/11/2026 1:48  | 3/11/2026 1:49  | 0:01:06            | 48.70           | -66.64          | 427.80         | 50.02          | -60.74         | 427.70        | -142.19                            | 1.81                    |
| 24 | 3/11/2026 3:21  | 3/11/2026 3:24  | 0:02:12            | 49.52           | -86.81          | 427.79         | 51.39          | -74.36         | 427.39        | -142.32                            | 1.68                    |
| 25 | 3/11/2026 3:25  | 3/11/2026 3:25  | 0:00:24            | 51.78           | -66.43          | 426.98         | 51.78          | -64.05         | 426.83        | -142.03                            | 1.97                    |
| 26 | 3/11/2026 5:00  | 3/11/2026 5:02  | 0:02:20            | 51.18           | -77.27          | 426.05         | 48.92          | -64.28         | 424.68        | -142.66                            | 1.34                    |
| 27 | 3/11/2026 5:03  | 3/11/2026 5:03  | 0:00:00            | 48.23           | -61.68          | 424.34         | 48.23          | -61.68         | 424.34        | -143.97                            | 0.03                    |
| 28 | 3/11/2026 5:04  | 3/11/2026 5:04  | 0:00:00            | 46.99           | -57.62          | 423.77         | 46.99          | -57.62         | 423.77        | -143.76                            | 0.24                    |
| 29 | 3/11/2026 6:35  | 3/11/2026 6:40  | 0:04:40            | 48.77           | -87.33          | 424.70         | 40.13          | -66.13         | 421.21        | -140.66                            | 3.34                    |
| 30 | 3/11/2026 6:41  | 3/11/2026 6:42  | 0:01:20            | 38.58           | -63.63          | 420.68         | 35.30          | -58.95         | 419.64        | -140.69                            | 3.31                    |
| 31 | 3/11/2026 6:42  | 3/11/2026 6:42  | 0:00:00            | 34.02           | -57.30          | 419.27         | 34.02          | -57.30         | 419.27        | -143.71                            | 0.29                    |
| 32 | 3/11/2026 8:18  | 3/11/2026 8:18  | 0:00:00            | 27.87           | -74.00          | 417.71         | 27.87          | -74.00         | 417.71        | -143.79                            | 0.21                    |
| 33 | 3/11/2026 8:18  | 3/11/2026 8:18  | 0:00:00            | 26.47           | -72.61          | 417.41         | 26.47          | -72.61         | 417.41        | -143.50                            | 0.50                    |
| 34 | 3/11/2026 8:19  | 3/11/2026 8:19  | 0:00:00            | 25.06           | -71.25          | 417.13         | 25.06          | -71.25         | 417.13        | -143.94                            | 0.06                    |
| 35 | 3/11/2026 11:41 | 3/11/2026 11:46 | 0:05:39            | -23.57          | -80.91          | 422.89         | -38.57         | -63.55         | 430.06        | -141.49                            | 2.51                    |
| 36 | 3/11/2026 11:48 | 3/11/2026 11:48 | 0:00:00            | -41.24          | -59.10          | 431.51         | -41.24         | -59.10         | 431.51        | -143.50                            | 0.50                    |
| 37 | 3/11/2026 13:20 | 3/11/2026 13:23 | 0:03:16            | -39.99          | -84.89          | 430.81         | -46.53         | -70.88         | 434.52        | -140.89                            | 3.11                    |
| 38 | 3/11/2026 18:14 | 3/11/2026 18:14 | 0:00:00            | -46.05          | -75.68          | 438.30         | -46.05         | -75.68         | 438.30        | -143.82                            | 0.18                    |
| 39 | 3/11/2026 18:15 | 3/11/2026 18:16 | 0:01:30            | -45.16          | -73.38          | 438.09         | -42.17         | -66.91         | 437.34        | -141.63                            | 2.37                    |
| 40 | 3/11/2026 18:17 | 3/11/2026 18:19 | 0:02:12            | -39.58          | -62.33          | 436.63         | -34.21         | -54.64         | 435.05        | -143.21                            | 0.79                    |
| 41 | 3/11/2026 19:51 | 3/11/2026 19:51 | 0:00:00            | -36.50          | -81.30          | 435.61         | -36.50         | -81.30         | 435.61        | -143.28                            | 0.72                    |
| 42 | 3/11/2026 23:19 | 3/11/2026 23:19 | 0:00:10            | 26.98           | -74.81          | 426.54         | 27.44          | -74.35         | 426.57        | -143.81                            | 0.19                    |
| 43 | 3/11/2026 23:20 | 3/11/2026 23:20 | 0:00:10            | 28.82           | -72.93          | 426.67         | 29.28          | -72.45         | 426.71        | -143.41                            | 0.59                    |
| 44 | 3/11/2026 23:21 | 3/11/2026 23:21 | 0:00:00            | 32.42           | -68.95          | 426.97         | 32.42          | -68.95         | 426.97        | -143.82                            | 0.18                    |
| 45 | 3/11/2026 23:22 | 3/11/2026 23:22 | 0:00:00            | 34.15           | -66.83          | 427.12         | 34.15          | -66.83         | 427.12        | -143.65                            | 0.35                    |
| 46 | 3/12/2026 0:54  | 3/12/2026 0:58  | 0:03:40            | 33.61           | -91.13          | 427.12         | 42.32          | -77.80         | 427.84        | -142.06                            | 1.94                    |
| 47 | 3/12/2026 0:59  | 3/12/2026 1:00  | 0:01:40            | 43.70           | -74.99          | 427.93         | 46.76          | -67.35         | 428.06        | -140.84                            | 3.16                    |
| 48 | 3/12/2026 1:01  | 3/12/2026 1:02  | 0:00:33            | 48.30           | -62.35          | 428.06         | 49.05          | -59.45         | 428.04        | -143.19                            | 0.81                    |
| 49 | 3/12/2026 2:34  | 3/12/2026 2:38  | 0:04:26            | 47.57           | -88.49          | 428.12         | 51.69          | -63.80         | 427.43        | -140.83                            | 3.17                    |
| 50 | 3/12/2026 4:13  | 3/12/2026 4:14  | 0:01:29            | 51.64           | -77.26          | 426.80         | 50.83          | -68.56         | 426.05        | -143.30                            | 0.70                    |
| 51 | 3/12/2026 4:15  | 3/12/2026 4:15  | 0:00:00            | 50.07           | -63.85          | 425.57         | 50.07          | -63.85         | 425.57        | -143.98                            | 0.02                    |
| 52 | 3/12/2026 5:48  | 3/12/2026 5:53  | 0:04:40            | 49.95           | -86.84          | 425.58         | 42.30          | -64.28         | 422.21        | -141.24                            | 2.76                    |
| 53 | 3/12/2026 5:54  | 3/12/2026 5:55  | 0:01:28            | 40.47           | -60.94          | 421.54         | 37.01          | -55.52         | 420.36        | -140.63                            | 3.37                    |
| 54 | 3/12/2026 7:26  | 3/12/2026 7:26  | 0:00:10            | 41.78           | -86.91          | 422.06         | 41.42          | -86.24         | 421.93        | -143.64                            | 0.36                    |
| 55 | 3/12/2026 7:28  | 3/12/2026 7:28  | 0:00:00            | 37.56           | -79.93          | 420.60         | 37.56          | -79.93         | 420.60        | -143.99                            | 0.01                    |
| 56 | 3/12/2026 7:29  | 3/12/2026 7:29  | 0:00:10            | 34.23           | -75.39          | 419.56         | 33.80          | -74.85         | 419.44        | -142.96                            | 1.04                    |
| 57 | 3/12/2026 7:31  | 3/12/2026 7:31  | 0:00:00            | 30.71           | -71.22          | 418.58         | 30.71          | -71.22         | 418.58        | -143.58                            | 0.42                    |
| 58 | 3/12/2026 7:32  | 3/12/2026 7:32  | 0:00:10            | 27.04           | -67.38          | 417.70         | 26.57          | -66.92         | 417.60        | -142.66                            | 1.34                    |
| 59 | 3/12/2026 10:55 | 3/12/2026 10:56 | 0:00:50            | -23.69          | -75.03          | 422.72         | -26.05         | -72.80         | 423.72        | -141.70                            | 2.30                    |
| 60 | 3/12/2026 10:56 | 3/12/2026 10:59 | 0:03:00            | -27.45          | -71.43          | 424.33         | -35.44         | -62.26         | 428.13        | -141.60                            | 2.40                    |

Table 12 Departure GN 6 Mbps (4M98G1D) PFD Exceedances

|     | Start Time      | Stop Time       | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m <sup>2</sup> /4kHz) | PFD Non-<br>Compliance<br>(dB) |
|-----|-----------------|-----------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------------------|--------------------------------|
| 61  | 3/12/2026 11:00 | 3/12/2026 11:00 | 0:00:00               | -37.09             | -59.97             | 428.98            | -37.09            | -59.97            | 428.98           | -142.60                               | 1.40                           |
| 62  | 3/12/2026 11:00 | 3/12/2026 11:00 | 0:00:00               | -38.30             | -58.19             | 429.61            | -38.30            | -58.19            | 429.61           | -143.93                               | 0.07                           |
| 63  | 3/12/2026 12:32 | 3/12/2026 12:36 | 0:04:20               | -34.96             | -86.51             | 428.85            | -44.71            | -69.81            | 433.53           | -140.96                               | 3.04                           |
| 64  | 3/12/2026 12:37 | 3/12/2026 12:37 | 0:00:00               | -46.10             | -66.30             | 434.26            | -46.10            | -66.30            | 434.26           | -143.73                               | 0.27                           |
| 65  | 3/12/2026 17:28 | 3/12/2026 17:29 | 0:01:19               | -46.59             | -71.44             | 438.01            | -44.20            | -65.39            | 437.53           | -141.83                               | 2.17                           |
| 66  | 3/12/2026 17:30 | 3/12/2026 17:31 | 0:01:20               | -42.86             | -62.54             | 437.23            | -39.95            | -57.21            | 436.54           | -142.70                               | 1.30                           |
| 67  | 3/12/2026 19:05 | 3/12/2026 19:05 | 0:00:00               | -38.59             | -78.64             | 431.96            | -38.59            | -78.64            | 431.96           | -143.89                               | 0.11                           |
| 68  | 3/12/2026 19:05 | 3/12/2026 19:05 | 0:00:20               | -37.39             | -76.84             | 431.62            | -36.58            | -75.68            | 431.39           | -143.34                               | 0.66                           |
| 69  | 3/12/2026 19:06 | 3/12/2026 19:08 | 0:02:20               | -34.91             | -73.42             | 430.91            | -28.73            | -66.26            | 429.10           | -142.17                               | 1.83                           |
| 70  | 3/12/2026 22:31 | 3/12/2026 22:33 | 0:01:40               | 22.11              | -73.58             | 422.34            | 26.84             | -69.17            | 422.65           | -142.25                               | 1.75                           |
| 71  | 3/12/2026 22:34 | 3/12/2026 22:34 | 0:00:10               | 29.15              | -66.81             | 422.84            | 29.61             | -66.33            | 422.87           | -143.20                               | 0.80                           |
| 72  | 3/12/2026 22:35 | 3/12/2026 22:35 | 0:00:10               | 31.41              | -64.34             | 423.04            | 31.85             | -63.83            | 423.08           | -143.65                               | 0.35                           |
| 73  | 3/12/2026 22:35 | 3/12/2026 22:35 | 0:00:00               | 33.60              | -61.74             | 423.24            | 33.60             | -61.74            | 423.24           | -143.97                               | 0.03                           |
| 74  | 3/13/2026 0:06  | 3/13/2026 0:07  | 0:00:39               | 28.64              | -90.94             | 422.86            | 30.43             | -89.03            | 423.00           | -142.77                               | 1.23                           |
| 75  | 3/13/2026 0:08  | 3/13/2026 0:12  | 0:04:40               | 31.77              | -87.52             | 423.12            | 42.96             | -70.73            | 424.10           | -140.60                               | 3.40                           |
| 76  | 3/13/2026 0:13  | 3/13/2026 0:13  | 0:00:30               | 43.98              | -68.58             | 424.17            | 44.94             | -66.36            | 424.23           | -142.67                               | 1.33                           |
| 77  | 3/13/2026 0:14  | 3/13/2026 0:14  | 0:00:00               | 46.44              | -62.48             | 424.29            | 46.44             | -62.48            | 424.29           | -143.99                               | 0.01                           |
| 78  | 3/13/2026 0:15  | 3/13/2026 0:15  | 0:00:11               | 47.52              | -59.22             | 424.32            | 47.80             | -58.30            | 424.32           | -143.41                               | 0.59                           |
| 79  | 3/13/2026 1:46  | 3/13/2026 1:51  | 0:04:39               | 45.26              | -89.18             | 424.29            | 51.20             | -64.68            | 424.02           | -140.56                               | 3.44                           |
| 80  | 3/13/2026 3:26  | 3/13/2026 3:26  | 0:00:19               | 51.79              | -77.24             | 423.46            | 51.78             | -75.34            | 423.34           | -143.22                               | 0.78                           |
| 81  | 3/13/2026 3:27  | 3/13/2026 3:27  | 0:00:10               | 51.64              | -71.35             | 423.06            | 51.58             | -70.36            | 422.98           | -143.68                               | 0.32                           |
| 82  | 3/13/2026 3:28  | 3/13/2026 3:28  | 0:00:14               | 50.93              | -63.52             | 422.39            | 50.76             | -62.21            | 422.27           | -143.03                               | 0.97                           |
| 83  | 3/13/2026 5:01  | 3/13/2026 5:05  | 0:04:10               | 50.65              | -85.09             | 422.29            | 44.76             | -63.67            | 419.42           | -141.55                               | 2.45                           |
| 84  | 3/13/2026 5:06  | 3/13/2026 5:07  | 0:00:59               | 42.76              | -59.33             | 418.63            | 40.62             | -55.34            | 417.83           | -140.61                               | 3.39                           |
| 85  | 3/13/2026 6:38  | 3/13/2026 6:43  | 0:05:00               | 44.81              | -87.39             | 419.50            | 33.31             | -68.37            | 415.51           | -141.77                               | 2.23                           |
| 86  | 3/13/2026 6:44  | 3/13/2026 6:44  | 0:00:10               | 32.00              | -66.81             | 415.14            | 31.55             | -66.29            | 415.02           | -142.49                               | 1.51                           |
| 87  | 3/13/2026 8:19  | 3/13/2026 8:19  | 0:00:20               | 24.66              | -82.80             | 413.34            | 23.70             | -81.92            | 413.16           | -143.61                               | 0.39                           |
| 88  | 3/13/2026 10:07 | 3/13/2026 10:12 | 0:04:50               | -20.18             | -72.18             | 417.22            | -33.61            | -58.67            | 423.02           | -141.82                               | 2.18                           |
| 89  | 3/13/2026 10:12 | 3/13/2026 10:12 | 0:00:00               | -34.90             | -57.04             | 423.65            | -34.90            | -57.04            | 423.65           | -142.73                               | 1.27                           |
| 90  | 3/13/2026 11:43 | 3/13/2026 11:48 | 0:04:10               | -30.58             | -85.80             | 421.61            | -40.93            | -71.52            | 426.77           | -141.38                               | 2.62                           |
| 91  | 3/13/2026 11:48 | 3/13/2026 11:49 | 0:01:00               | -42.38             | -68.83             | 427.55            | -44.41            | -64.55            | 428.68           | -142.49                               | 1.51                           |
| 92  | 3/13/2026 18:15 | 3/13/2026 18:15 | 0:00:00               | -43.51             | -81.43             | 432.95            | -43.51            | -81.43            | 432.95           | -143.74                               | 0.26                           |
| 93  | 3/13/2026 18:16 | 3/13/2026 18:16 | 0:00:00               | -42.17             | -78.70             | 432.61            | -42.17            | -78.70            | 432.61           | -143.71                               | 0.29                           |
| 94  | 3/13/2026 18:16 | 3/13/2026 18:19 | 0:03:10               | -41.08             | -76.69             | 432.33            | -33.42            | -65.46            | 430.18           | -140.97                               | 3.03                           |
| 95  | 3/13/2026 18:20 | 3/13/2026 18:21 | 0:00:40               | -32.11             | -63.89             | 429.80            | -30.33            | -61.88            | 429.29           | -140.69                               | 3.31                           |
| 96  | 3/13/2026 18:21 | 3/13/2026 18:22 | 0:00:49               | -28.51             | -59.94             | 428.77            | -26.23            | -57.66            | 428.12           | -141.96                               | 2.04                           |
| 97  | 3/13/2026 19:55 | 3/13/2026 19:55 | 0:00:00               | -26.78             | -81.79             | 428.24            | -26.78            | -81.79            | 428.24           | -143.98                               | 0.02                           |
| 98  | 3/13/2026 19:56 | 3/13/2026 19:56 | 0:00:00               | -23.96             | -79.11             | 427.46            | -23.96            | -79.11            | 427.46           | -143.33                               | 0.67                           |
| 99  | 3/13/2026 21:45 | 3/13/2026 21:46 | 0:01:10               | 24.65              | -65.18             | 422.56            | 27.91             | -62.01            | 422.82           | -141.13                               | 2.87                           |
| 100 | 3/13/2026 21:47 | 3/13/2026 21:47 | 0:00:20               | 29.74              | -60.09             | 422.99            | 30.64             | -59.11            | 423.08           | -143.41                               | 0.59                           |
| 101 | 3/13/2026 21:47 | 3/13/2026 21:48 | 0:00:06               | 31.98              | -57.59             | 423.22            | 32.24             | -57.28            | 423.24           | -143.48                               | 0.52                           |
| 102 | 3/13/2026 23:18 | 3/13/2026 23:19 | 0:00:10               | 26.76              | -86.75             | 422.80            | 27.23             | -86.29            | 422.84           | -143.09                               | 0.91                           |
| 103 | 3/13/2026 23:19 | 3/13/2026 23:19 | 0:00:00               | 28.61              | -84.88             | 422.95            | 28.61             | -84.88            | 422.95           | -142.95                               | 1.05                           |
| 104 | 3/13/2026 23:20 | 3/13/2026 23:24 | 0:04:00               | 31.77              | -81.42             | 423.24            | 41.55             | -67.38            | 424.19           | -141.60                               | 2.40                           |
| 105 | 3/14/2026 0:57  | 3/14/2026 1:01  | 0:03:59               | 41.44              | -91.17             | 424.24            | 48.65             | -72.77            | 424.60           | -140.47                               | 3.53                           |
| 106 | 3/14/2026 1:02  | 3/14/2026 1:03  | 0:01:06               | 49.69              | -68.31             | 424.55            | 50.76             | -62.11            | 424.41           | -142.17                               | 1.83                           |
| 107 | 3/14/2026 2:36  | 3/14/2026 2:36  | 0:00:06               | 50.93              | -84.52             | 424.38            | 51.00             | -83.89            | 424.36           | -142.27                               | 1.73                           |
| 108 | 3/14/2026 2:37  | 3/14/2026 2:39  | 0:02:16               | 51.60              | -77.25             | 424.08            | 51.55             | -63.73            | 423.22           | -140.59                               | 3.41                           |
| 109 | 3/14/2026 4:14  | 3/14/2026 4:17  | 0:02:59               | 50.75              | -79.66             | 422.60            | 47.05             | -63.68            | 420.63           | -142.02                               | 1.98                           |
| 110 | 3/14/2026 4:17  | 3/14/2026 4:18  | 0:00:48               | 45.62              | -59.70             | 420.00            | 44.11             | -56.10            | 419.38           | -140.43                               | 3.57                           |
| 111 | 3/14/2026 5:49  | 3/14/2026 5:49  | 0:00:00               | 47.39              | -88.31             | 420.87            | 47.39             | -88.31            | 420.87           | -143.72                               | 0.28                           |
| 112 | 3/14/2026 5:50  | 3/14/2026 5:56  | 0:06:10               | 46.59              | -85.94             | 420.51            | 32.87             | -61.74            | 415.56           | -140.95                               | 3.05                           |
| 113 | 3/14/2026 5:57  | 3/14/2026 5:57  | 0:00:17               | 31.09              | -59.68             | 415.05            | 30.31             | -58.82            | 414.84           | -143.25                               | 0.75                           |
| 114 | 3/14/2026 7:31  | 3/14/2026 7:31  | 0:00:00               | 26.72              | -78.68             | 413.94            | 26.72             | -78.68            | 413.94           | -143.57                               | 0.43                           |
| 115 | 3/14/2026 9:20  | 3/14/2026 9:23  | 0:03:00               | -22.41             | -64.15             | 417.82            | -30.81            | -55.86            | 421.36           | -142.10                               | 1.90                           |
| 116 | 3/14/2026 10:55 | 3/14/2026 10:59 | 0:03:50               | -28.51             | -81.92             | 420.41            | -38.42            | -69.56            | 425.12           | -140.75                               | 3.25                           |
| 117 | 3/14/2026 11:00 | 3/14/2026 11:01 | 0:01:30               | -39.59             | -67.71             | 425.73            | -42.89            | -61.72            | 427.48           | -141.64                               | 2.36                           |

|                                                                                 |        |    |
|---------------------------------------------------------------------------------|--------|----|
| Maximum exceedance to -144 dBW/m <sup>2</sup> /4 kHz ITU/FCC Limit :            | 3.57   | dB |
| Maximum exceedance to -128 dBW/m <sup>2</sup> /4 kHz PIRN 50885-NA-0068B Limit: | -12.43 | dB |

Table 13 Departure GN 3 Mbps (3M00G1D) PFD Exceedances

|    | Start Time      | Stop Time       | Duration (h:mm:ss) | Start Lat (deg) | Start Lon (deg) | Start Alt (km) | Stop Lat (deg) | Stop Lon (deg) | Stop Alt (km) | Max PFD (dBW/m^2/4kHz) | PFD Non-Compliance (dB) |
|----|-----------------|-----------------|--------------------|-----------------|-----------------|----------------|----------------|----------------|---------------|------------------------|-------------------------|
| 1  | 3/10/2026 0:51  | 3/10/2026 0:59  | 0:08:34            | 25.70           | -87.62          | 426.24         | 46.19          | -56.91         | 427.54        | -138.76                | 5.24                    |
| 2  | 3/10/2026 2:30  | 3/10/2026 2:36  | 0:06:00            | 41.30           | -91.29          | 427.34         | 50.77          | -61.96         | 427.30        | -137.86                | 6.14                    |
| 3  | 3/10/2026 4:09  | 3/10/2026 4:09  | 0:00:11            | 50.86           | -84.88          | 427.30         | 51.00          | -83.86         | 427.27        | -138.96                | 5.04                    |
| 4  | 3/10/2026 4:10  | 3/10/2026 4:12  | 0:02:18            | 51.60           | -77.26          | 426.98         | 51.54          | -63.55         | 426.09        | -140.41                | 3.59                    |
| 5  | 3/10/2026 5:47  | 3/10/2026 5:51  | 0:04:40            | 50.79           | -79.81          | 425.49         | 44.11          | -56.00         | 422.35        | -138.71                | 5.29                    |
| 6  | 3/10/2026 7:22  | 3/10/2026 7:30  | 0:07:39            | 47.43           | -88.38          | 423.82         | 30.30          | -58.73         | 418.11        | -137.52                | 6.48                    |
| 7  | 3/10/2026 9:00  | 3/10/2026 9:01  | 0:00:50            | 37.38           | -91.23          | 420.07         | 35.32          | -88.37         | 419.45        | -141.41                | 2.59                    |
| 8  | 3/10/2026 9:02  | 3/10/2026 9:02  | 0:00:20            | 32.74           | -85.13          | 418.72         | 31.86          | -84.09         | 418.49        | -142.48                | 1.52                    |
| 9  | 3/10/2026 9:03  | 3/10/2026 9:04  | 0:00:50            | 30.52           | -82.58          | 418.15         | 28.24          | -80.15         | 417.62        | -141.95                | 2.05                    |
| 10 | 3/10/2026 9:05  | 3/10/2026 9:06  | 0:00:58            | 24.96           | -76.93          | 416.96         | 22.18          | -74.40         | 416.49        | -141.01                | 2.99                    |
| 11 | 3/10/2026 10:53 | 3/10/2026 10:54 | 0:01:20            | -20.84          | -65.49          | 421.95         | -24.67         | -62.07         | 423.54        | -140.71                | 3.29                    |
| 12 | 3/10/2026 10:55 | 3/10/2026 10:56 | 0:01:30            | -26.08          | -60.73          | 424.16         | -30.23         | -56.47         | 426.08        | -140.62                | 3.38                    |
| 13 | 3/10/2026 10:57 | 3/10/2026 10:57 | 0:00:00            | -31.38          | -55.19          | 426.64         | -31.38         | -55.19         | 426.64        | -143.17                | 0.83                    |
| 14 | 3/10/2026 12:28 | 3/10/2026 12:35 | 0:06:55            | -26.59          | -83.84          | 424.43         | -43.66         | -60.11         | 433.21        | -137.61                | 6.39                    |
| 15 | 3/10/2026 19:01 | 3/10/2026 19:07 | 0:06:25            | -45.03          | -78.86          | 438.39         | -29.94         | -55.45         | 434.02        | -137.90                | 6.10                    |
| 16 | 3/10/2026 20:38 | 3/10/2026 20:38 | 0:00:00            | -36.11          | -86.55          | 435.80         | -36.11         | -86.55         | 435.80        | -141.92                | 2.08                    |
| 17 | 3/10/2026 20:38 | 3/10/2026 20:38 | 0:00:00            | -34.47          | -84.37          | 435.30         | -34.47         | -84.37         | 435.30        | -143.62                | 0.38                    |
| 18 | 3/10/2026 20:39 | 3/10/2026 20:39 | 0:00:00            | -32.74          | -82.24          | 434.78         | -32.74         | -82.24         | 434.78        | -143.68                | 0.32                    |
| 19 | 3/10/2026 20:39 | 3/10/2026 20:42 | 0:02:30            | -31.42          | -80.70          | 434.38         | -24.52         | -73.64         | 432.31        | -141.18                | 2.82                    |
| 20 | 3/10/2026 20:43 | 3/10/2026 20:44 | 0:00:47            | -22.14          | -71.49          | 431.63         | -19.86         | -69.52         | 431.00        | -141.64                | 2.36                    |
| 21 | 3/11/2026 0:04  | 3/11/2026 0:10  | 0:05:50            | 23.62           | -83.79          | 426.25         | 39.01          | -65.77         | 427.35        | -138.81                | 5.19                    |
| 22 | 3/11/2026 0:10  | 3/11/2026 0:10  | 0:00:00            | 40.16           | -63.88          | 427.45         | 40.16          | -63.88         | 427.45        | -142.87                | 1.13                    |
| 23 | 3/11/2026 0:11  | 3/11/2026 0:11  | 0:00:20            | 42.00           | -60.58          | 427.58         | 42.71          | -59.21         | 427.63        | -141.95                | 2.05                    |
| 24 | 3/11/2026 0:12  | 3/11/2026 0:12  | 0:00:00            | 44.27           | -55.89          | 427.72         | 44.27          | -55.89         | 427.72        | -143.80                | 0.20                    |
| 25 | 3/11/2026 1:42  | 3/11/2026 1:49  | 0:06:35            | 38.10           | -90.79          | 427.32         | 50.02          | -60.74         | 427.70        | -137.49                | 6.51                    |
| 26 | 3/11/2026 3:21  | 3/11/2026 3:25  | 0:03:55            | 49.52           | -86.81          | 427.79         | 51.78          | -64.05         | 426.83        | -139.02                | 4.98                    |
| 27 | 3/11/2026 5:00  | 3/11/2026 5:04  | 0:03:38            | 51.18           | -77.27          | 426.05         | 46.99          | -57.62         | 423.77        | -139.65                | 4.35                    |
| 28 | 3/11/2026 6:35  | 3/11/2026 6:43  | 0:07:21            | 48.77           | -87.33          | 424.70         | 33.55          | -56.72         | 419.13        | -137.65                | 6.35                    |
| 29 | 3/11/2026 8:13  | 3/11/2026 8:14  | 0:00:40            | 40.22           | -89.92          | 421.25         | 38.68          | -87.40         | 420.72        | -142.47                | 1.53                    |
| 30 | 3/11/2026 8:14  | 3/11/2026 8:19  | 0:05:22            | 37.48           | -85.59          | 420.34         | 23.04          | -69.39         | 416.76        | -140.49                | 3.51                    |
| 31 | 3/11/2026 11:41 | 3/11/2026 11:48 | 0:06:59            | -23.57          | -80.91          | 422.89         | -41.60         | -58.43         | 431.71        | -138.48                | 5.52                    |
| 32 | 3/11/2026 13:20 | 3/11/2026 13:23 | 0:03:16            | -39.99          | -84.89          | 430.81         | -46.53         | -70.88         | 434.52        | -137.88                | 6.12                    |
| 33 | 3/11/2026 18:14 | 3/11/2026 18:19 | 0:05:22            | -46.05          | -75.68          | 438.30         | -34.21         | -54.64         | 435.05        | -138.62                | 5.38                    |
| 34 | 3/11/2026 19:50 | 3/11/2026 19:51 | 0:00:10            | -38.90          | -84.86          | 436.31         | -38.51         | -84.25         | 436.20        | -142.84                | 1.16                    |
| 35 | 3/11/2026 19:51 | 3/11/2026 19:52 | 0:01:00            | -36.91          | -81.87          | 435.73         | -34.40         | -78.50         | 434.99        | -140.27                | 3.73                    |
| 36 | 3/11/2026 19:53 | 3/11/2026 19:53 | 0:00:00            | -33.11          | -76.90          | 434.61         | -33.11         | -76.90         | 434.61        | -143.10                | 0.90                    |
| 37 | 3/11/2026 19:54 | 3/11/2026 19:57 | 0:03:23            | -30.46          | -73.84          | 433.82         | -20.94         | -64.66         | 431.08        | -141.37                | 2.63                    |
| 38 | 3/11/2026 23:17 | 3/11/2026 23:24 | 0:06:30            | 22.27           | -79.21          | 426.27         | 39.46          | -59.26         | 427.60        | -140.40                | 3.60                    |
| 39 | 3/11/2026 23:25 | 3/11/2026 23:25 | 0:00:13            | 41.34           | -56.03          | 427.76         | 41.80          | -55.19         | 427.79        | -141.99                | 2.01                    |
| 40 | 3/12/2026 0:54  | 3/12/2026 1:02  | 0:07:52            | 32.78           | -92.14          | 427.05         | 49.05          | -59.45         | 428.04        | -137.83                | 6.17                    |
| 41 | 3/12/2026 2:34  | 3/12/2026 2:38  | 0:04:26            | 47.57           | -88.49          | 428.12         | 51.69          | -63.80         | 427.43        | -137.82                | 6.18                    |
| 42 | 3/12/2026 4:13  | 3/12/2026 4:16  | 0:03:04            | 51.64           | -77.26          | 426.80         | 49.22          | -59.79         | 425.10        | -140.29                | 3.71                    |
| 43 | 3/12/2026 5:48  | 3/12/2026 5:55  | 0:06:58            | 49.95           | -86.84          | 425.58         | 37.01          | -55.52         | 420.36        | -137.61                | 6.39                    |
| 44 | 3/12/2026 7:26  | 3/12/2026 7:29  | 0:02:40            | 42.14           | -87.59          | 422.19         | 35.92          | -77.61         | 420.08        | -140.63                | 3.37                    |
| 45 | 3/12/2026 7:29  | 3/12/2026 7:31  | 0:02:00            | 34.65           | -75.94          | 419.69         | 29.35          | -69.75         | 418.24        | -139.95                | 4.05                    |
| 46 | 3/12/2026 7:32  | 3/12/2026 7:32  | 0:00:30            | 27.51           | -67.84          | 417.80         | 26.10          | -66.46         | 417.49        | -139.65                | 4.35                    |
| 47 | 3/12/2026 7:33  | 3/12/2026 7:33  | 0:00:00            | 24.78           | -65.20          | 417.22         | 24.78          | -65.20         | 417.22        | -142.76                | 1.24                    |
| 48 | 3/12/2026 10:54 | 3/12/2026 11:00 | 0:06:29            | -21.33          | -77.12          | 421.78         | -38.69         | -57.58         | 429.82        | -138.59                | 5.41                    |
| 49 | 3/12/2026 11:01 | 3/12/2026 11:01 | 0:00:00            | -39.56          | -56.20          | 430.28         | -39.56         | -56.20         | 430.28        | -143.69                | 0.31                    |
| 50 | 3/12/2026 12:32 | 3/12/2026 12:37 | 0:05:05            | -34.96          | -86.51          | 428.85         | -46.10         | -66.30         | 434.26        | -137.95                | 6.05                    |
| 51 | 3/12/2026 17:28 | 3/12/2026 17:31 | 0:03:42            | -46.59          | -71.44          | 438.01         | -39.06         | -55.75         | 436.32        | -138.82                | 5.18                    |
| 52 | 3/12/2026 19:03 | 3/12/2026 19:10 | 0:07:09            | -41.59          | -83.70          | 432.79         | -23.12         | -60.84         | 427.50        | -139.16                | 4.84                    |
| 53 | 3/12/2026 22:31 | 3/12/2026 22:37 | 0:06:05            | 22.11           | -73.58          | 422.34         | 38.37          | -55.21         | 423.71        | -139.24                | 4.76                    |
| 54 | 3/13/2026 0:06  | 3/13/2026 0:15  | 0:08:30            | 28.64           | -90.94          | 422.86         | 47.80          | -58.30         | 424.32        | -137.59                | 6.41                    |
| 55 | 3/13/2026 1:46  | 3/13/2026 1:51  | 0:04:54            | 45.26           | -89.18          | 424.29         | 51.34          | -63.25         | 423.96        | -137.55                | 6.45                    |
| 56 | 3/13/2026 3:26  | 3/13/2026 3:28  | 0:02:33            | 51.79           | -77.24          | 423.46         | 50.76          | -62.21         | 422.27        | -140.02                | 3.98                    |
| 57 | 3/13/2026 5:01  | 3/13/2026 5:07  | 0:06:09            | 50.65           | -85.09          | 422.29         | 40.62          | -55.34         | 417.83        | -137.60                | 6.40                    |
| 58 | 3/13/2026 6:38  | 3/13/2026 6:44  | 0:06:10            | 45.42           | -88.89          | 419.76         | 31.10          | -65.79         | 414.89        | -138.76                | 5.24                    |
| 59 | 3/13/2026 6:44  | 3/13/2026 6:45  | 0:00:54            | 29.75           | -64.30          | 414.54         | 27.27          | -61.73         | 413.93        | -142.54                | 1.46                    |

**Table 13 Departure GN 3 Mbps (3M00G1D) PFD Exceedances**

|    | Start Time      | Stop Time       | Duration (h:mm:ss) | Start Lat (deg) | Start Lon (deg) | Start Alt (km) | Stop Lat (deg) | Stop Lon (deg) | Stop Alt (km) | Max PFD (dBW/m <sup>2</sup> /4kHz) | PFD Non-Compliance (dB) |
|----|-----------------|-----------------|--------------------|-----------------|-----------------|----------------|----------------|----------------|---------------|------------------------------------|-------------------------|
| 60 | 3/13/2026 8:16  | 3/13/2026 8:19  | 0:03:30            | 33.34           | -92.00          | 415.48         | 23.70          | -81.92         | 413.16        | -140.60                            | 3.40                    |
| 61 | 3/13/2026 10:07 | 3/13/2026 10:13 | 0:05:54            | -20.18          | -72.18          | 417.22         | -36.32         | -55.12         | 424.36        | -138.81                            | 5.19                    |
| 62 | 3/13/2026 11:43 | 3/13/2026 11:50 | 0:06:10            | -30.58          | -85.80          | 421.61         | -45.04         | -63.05         | 429.04        | -138.37                            | 5.63                    |
| 63 | 3/13/2026 18:15 | 3/13/2026 18:22 | 0:06:58            | -43.51          | -81.43          | 432.95         | -26.23         | -57.66         | 428.12        | -137.68                            | 6.32                    |
| 64 | 3/13/2026 19:53 | 3/13/2026 19:57 | 0:03:30            | -30.87          | -86.08          | 429.40         | -21.08         | -76.55         | 426.70        | -140.32                            | 3.68                    |
| 65 | 3/13/2026 21:45 | 3/13/2026 21:48 | 0:02:46            | 24.65           | -65.18          | 422.56         | 32.24          | -57.28         | 423.24        | -138.12                            | 5.88                    |
| 66 | 3/13/2026 23:18 | 3/13/2026 23:27 | 0:08:32            | 25.83           | -87.66          | 422.73         | 46.20          | -57.03         | 424.52        | -138.59                            | 5.41                    |
| 67 | 3/14/2026 0:57  | 3/14/2026 1:03  | 0:05:56            | 41.44           | -91.17          | 424.24         | 50.76          | -62.11         | 424.41        | -137.46                            | 6.54                    |
| 68 | 3/14/2026 2:36  | 3/14/2026 2:36  | 0:00:06            | 50.93           | -84.52          | 424.38         | 51.00          | -83.89         | 424.36        | -139.26                            | 4.74                    |
| 69 | 3/14/2026 2:37  | 3/14/2026 2:39  | 0:02:16            | 51.60           | -77.25          | 424.08         | 51.55          | -63.73         | 423.22        | -137.57                            | 6.43                    |
| 70 | 3/14/2026 4:14  | 3/14/2026 4:18  | 0:04:37            | 50.75           | -79.66          | 422.60         | 44.11          | -56.10         | 419.38        | -137.42                            | 6.58                    |
| 71 | 3/14/2026 5:49  | 3/14/2026 5:57  | 0:07:36            | 47.39           | -88.31          | 420.87         | 30.31          | -58.82         | 414.84        | -137.94                            | 6.06                    |
| 72 | 3/14/2026 7:27  | 3/14/2026 7:33  | 0:05:30            | 37.27           | -91.13          | 416.93         | 22.44          | -74.69         | 413.05        | -140.56                            | 3.44                    |
| 73 | 3/14/2026 9:20  | 3/14/2026 9:23  | 0:03:40            | -20.98          | -65.40          | 417.28         | -31.26         | -55.35         | 421.57        | -139.09                            | 4.91                    |
| 74 | 3/14/2026 10:55 | 3/14/2026 11:01 | 0:06:50            | -26.67          | -83.77          | 419.62         | -43.57         | -60.31         | 427.85        | -137.74                            | 6.26                    |

|                                                                                 |       |    |
|---------------------------------------------------------------------------------|-------|----|
| Maximum exceedance to -144 dBW/m <sup>2</sup> /4 kHz ITU/FCC Limit :            | 6.58  | dB |
| Maximum exceedance to -128 dBW/m <sup>2</sup> /4 kHz PIRN 50885-NA-0068B Limit: | -9.42 | dB |

**Table 14 Departure CLS LowRate (5M93G1D) PFD Exceedances**

|    | Start Time<br>(GMT) | Stop Time<br>(GMT) | Duration<br>(h:mm:ss) | Start Lat<br>(deg) | Start Lon<br>(deg) | Start Alt<br>(km) | Stop Lat<br>(deg) | Stop Lon<br>(deg) | Stop Alt<br>(km) | Max PFD<br>(dBW/m <sup>2</sup> /4kHz) | PFD Non-<br>Compliance<br>(dB) |
|----|---------------------|--------------------|-----------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|---------------------------------------|--------------------------------|
| 1  | 3/10/2026 0:00      | 3/10/2026 0:06     | 0:06:10               | -11.92             | 92.70              | 418.92            | -29.77            | 108.34            | 425.93           | -140.96                               | 3.04                           |
| 2  | 3/10/2026 0:40      | 3/10/2026 0:54     | 0:13:30               | -6.42              | -112.24            | 428.30            | 33.23             | -79.54            | 426.71           | -141.21                               | 2.79                           |
| 3  | 3/10/2026 1:25      | 3/10/2026 1:39     | 0:13:30               | 10.22              | 53.20              | 415.45            | -29.96            | 84.93             | 425.92           | -140.96                               | 3.04                           |
| 4  | 3/10/2026 2:13      | 3/10/2026 2:27     | 0:13:30               | -6.20              | -135.70            | 428.38            | 33.41             | -102.94           | 426.79           | -141.21                               | 2.79                           |
| 5  | 3/10/2026 2:58      | 3/10/2026 3:12     | 0:13:30               | 10.00              | 29.75              | 415.34            | -30.16            | 61.52             | 425.89           | -140.96                               | 3.04                           |
| 6  | 3/10/2026 3:46      | 3/10/2026 4:00     | 0:13:40               | -5.98              | -159.16            | 428.32            | 34.03             | -125.79           | 426.86           | -141.21                               | 2.79                           |
| 7  | 3/10/2026 4:31      | 3/10/2026 4:45     | 0:13:30               | 9.28               | 6.66               | 415.34            | -30.80            | 38.62             | 426.14           | -140.96                               | 3.04                           |
| 8  | 3/10/2026 5:19      | 3/10/2026 5:33     | 0:13:30               | -5.26              | 177.75             | 428.13            | 34.21             | -149.16           | 426.88           | -141.21                               | 2.79                           |
| 9  | 3/10/2026 6:04      | 3/10/2026 6:18     | 0:13:30               | 9.06               | -16.79             | 415.41            | -30.99            | 15.22             | 426.26           | -140.97                               | 3.03                           |
| 10 | 3/10/2026 6:52      | 3/10/2026 7:06     | 0:13:30               | -5.04              | 154.29             | 428.03            | 34.40             | -172.54           | 426.90           | -141.21                               | 2.79                           |
| 11 | 3/10/2026 7:38      | 3/10/2026 7:51     | 0:13:30               | 8.34               | -39.88             | 415.53            | -31.63            | -7.67             | 426.68           | -140.97                               | 3.03                           |
| 12 | 3/10/2026 8:25      | 3/10/2026 8:39     | 0:13:30               | -4.31              | 131.19             | 427.81            | 35.01             | 164.63            | 426.81           | -141.21                               | 2.79                           |
| 13 | 3/10/2026 9:11      | 3/10/2026 9:24     | 0:13:30               | 8.12               | -63.33             | 415.57            | -31.82            | -31.07            | 426.85           | -140.98                               | 3.02                           |
| 14 | 3/10/2026 9:58      | 3/10/2026 10:12    | 0:13:30               | -4.10              | 107.73             | 427.72            | 35.19             | 141.25            | 426.73           | -141.20                               | 2.80                           |
| 15 | 3/10/2026 10:44     | 3/10/2026 10:57    | 0:13:30               | 7.90               | -86.79             | 415.57            | -32.01            | -54.46            | 426.96           | -140.98                               | 3.02                           |
| 16 | 3/10/2026 11:32     | 3/10/2026 11:45    | 0:13:20               | -3.37              | 84.63              | 427.59            | 35.37             | 117.88            | 426.81           | -141.21                               | 2.79                           |
| 17 | 3/10/2026 12:17     | 3/10/2026 12:30    | 0:13:30               | 7.17               | -109.88            | 415.68            | -32.64            | -77.34            | 427.30           | -140.98                               | 3.02                           |
| 18 | 3/10/2026 13:05     | 3/10/2026 13:18    | 0:13:20               | -3.15              | 61.17              | 427.53            | 35.55             | 94.51             | 426.85           | -141.21                               | 2.79                           |
| 19 | 3/10/2026 13:50     | 3/10/2026 14:00    | 0:09:50               | 6.96               | -133.34            | 415.77            | -22.69            | -111.11           | 422.75           | -140.99                               | 3.01                           |

Maximum exceedance to -144 dBW/m<sup>2</sup>/4 kHz ITU/FCC Limit : 3.04 dB  
Maximum exceedance to -128 dBW/m<sup>2</sup>/4 kHz PIRN 50885-NA-0068B Limit: -12.96 dB