Band7_CA (BW 20MHz+15MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, PCC-CH20850 / 2510MHz & SCC-CH21021 / 2527.1MHz, Bandwidth 20MHz+15MHz							
2520	H	13.094	1.14	5.64	17.590	33	-15.41
2520	V	18.454	1.14	5.64	22.950	33	-10.05
64QAM, PCC-CH21026 / 2527.6MHz & SCC-CH21197 / 2544.7MHz, Bandwidth 20MHz+15MHz							
2538	H	12.886	1.15	5.68	17.420	33	-15.58
2538	V	18.336	1.15	5.68	22.870	33	-10.13
64QAM, PCC-CH21201 / 2545.1MHz & SCC-CH21372 / 2562.2MHz, Bandwidth 20MHz+15MHz							
2556	H	13.048	1.15	5.73	17.630	33	-15.37
2556	V	18.558	1.15	5.73	23.140	33	-9.86

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band7_CA (BW 15MHz+20MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, PCC-CH20828 / 2507.8MHz & SCC-CH20999 / 2524.9MHz, Bandwidth 15MHz+20MHz							
2514	H	12.814	1.14	5.64	17.310	33	-15.69
2514	V	18.754	1.14	5.64	23.250	33	-9.75
QPSK, PCC-CH21003 / 2525.3MHz & SCC-CH21174 / 2542.4MHz, Bandwidth 15MHz+20MHz							
2532	H	12.696	1.15	5.68	17.230	33	-15.77
2532	V	18.656	1.15	5.68	23.190	33	-9.81
QPSK, PCC-CH21179 / 2542.9MHz & SCC-CH21350 / 2560MHz, Bandwidth 15MHz+20MHz							
2550	H	12.688	1.15	5.73	17.270	33	-15.73
2550	V	18.618	1.15	5.73	23.200	33	-9.8
16QAM, PCC-CH20828 / 2507.8MHz & SCC-CH20999 / 2524.9MHz, Bandwidth 15MHz+20MHz							
2514	H	12.834	1.14	5.64	17.330	33	-15.67
2514	V	18.874	1.14	5.64	23.370	33	-9.63
16QAM, PCC-CH21003 / 2525.3MHz & SCC-CH21174 / 2542.4MHz, Bandwidth 15MHz+20MHz							
2532	H	12.726	1.15	5.68	17.260	33	-15.74
2532	V	18.686	1.15	5.68	23.220	33	-9.78
16QAM, PCC-CH21179 / 2542.9MHz & SCC-CH21350 / 2560MHz, Bandwidth 15MHz+20MHz							
2550	H	12.668	1.15	5.73	17.250	33	-15.75
2550	V	18.728	1.15	5.73	23.310	33	-9.69

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band7_CA (BW 15MHz+20MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, PCC-CH20828 / 2507.8MHz & SCC-CH20999 / 2524.9MHz, Bandwidth 15MHz+20MHz							
2514	H	12.844	1.14	5.64	17.340	33	-15.66
2514	V	18.784	1.14	5.64	23.280	33	-9.72
64QAM, PCC-CH21003 / 2525.3MHz & SCC-CH21174 / 2542.4MHz, Bandwidth 15MHz+20MHz							
2532	H	12.666	1.15	5.68	17.200	33	-15.8
2532	V	18.876	1.15	5.68	23.410	33	-9.59
64QAM, PCC-CH21179 / 2542.9MHz & SCC-CH21350 / 2560MHz, Bandwidth 15MHz+20MHz							
2550	H	12.638	1.15	5.73	17.220	33	-15.78
2550	V	18.778	1.15	5.73	23.360	33	-9.64

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band7_CA (BW 20MHz+10MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, PCC-CH20850 / 2510MHz & SCC-CH20994 / 2524.4MHz, Bandwidth 20MHz+10MHz							
2520	H	12.944	1.14	5.64	17.440	33	-15.56
2520	V	17.434	1.14	5.64	21.930	33	-11.07
QPSK, PCC-CH21051 / 2530.1MHz & SCC-CH21195 / 2544.5MHz, Bandwidth 20MHz+10MHz							
2538	H	12.826	1.15	5.68	17.360	33	-15.64
2538	V	17.316	1.15	5.68	21.850	33	-11.15
QPSK, PCC-CH21251 / 2550.1MHz & SCC-CH21395 / 2564.5MHz, Bandwidth 20MHz+10MHz							
2559	H	12.668	1.15	5.73	17.250	33	-15.75
2559	V	17.228	1.15	5.73	21.810	33	-11.19
16QAM, PCC-CH20850 / 2510MHz & SCC-CH20994 / 2524.4MHz, Bandwidth 20MHz+10MHz							
2520	H	12.894	1.14	5.64	17.390	33	-15.61
2520	V	17.284	1.14	5.64	21.780	33	-11.22
16QAM, PCC-CH21051 / 2530.1MHz & SCC-CH21195 / 2544.5MHz, Bandwidth 20MHz+10MHz							
2538	H	12.786	1.15	5.68	17.320	33	-15.68
2538	V	17.196	1.15	5.68	21.730	33	-11.27
16QAM, PCC-CH21251 / 2550.1MHz & SCC-CH21395 / 2564.5MHz, Bandwidth 20MHz+10MHz							
2559	H	12.808	1.15	5.73	17.390	33	-15.61
2559	V	17.258	1.15	5.73	21.840	33	-11.16

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band7_CA (BW 20MHz+10MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, PCC-CH20850 / 2510MHz & SCC-CH20994 / 2524.4MHz, Bandwidth 20MHz+10MHz							
2520	H	12.914	1.14	5.64	17.410	33	-15.59
2520	V	17.384	1.14	5.64	21.880	33	-11.12
64QAM, PCC-CH21051 / 2530.1MHz & SCC-CH21195 / 2544.5MHz, Bandwidth 20MHz+10MHz							
2538	H	12.696	1.15	5.68	17.230	33	-15.77
2538	V	17.176	1.15	5.68	21.710	33	-11.29
64QAM, PCC-CH21251 / 2550.1MHz & SCC-CH21395 / 2564.5MHz, Bandwidth 20MHz+10MHz							
2559	H	12.708	1.15	5.73	17.290	33	-15.71
2559	V	17.208	1.15	5.73	21.790	33	-11.21

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band7_CA (BW 10MHz+20MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, PCC-CH20805 / 2505.5MHz & SCC-CH20949 / 2519.9MHz, Bandwidth 10MHz+20MHz							
2511	H	12.644	1.14	5.64	17.140	33	-15.86
2511	V	17.104	1.14	5.64	21.600	33	-11.4
QPSK, PCC-CH21006 / 2525.6MHz & SCC-CH21150 / 2540MHz, Bandwidth 10MHz+20MHz							
2532	H	12.676	1.15	5.68	17.210	33	-15.79
2532	V	17.216	1.15	5.68	21.750	33	-11.25
QPSK, PCC-CH21206 / 2545.6MHz & SCC-CH21350 / 2560MHz, Bandwidth 10MHz+20MHz							
2550	H	12.608	1.15	5.73	17.190	33	-15.81
2550	V	17.198	1.15	5.73	21.780	33	-11.22
16QAM, PCC-CH20805 / 2505.5MHz & SCC-CH20949 / 2519.9MHz, Bandwidth 10MHz+20MHz							
2511	H	12.774	1.14	5.64	17.270	33	-15.73
2511	V	17.164	1.14	5.64	21.660	33	-11.34
16QAM, PCC-CH21006 / 2525.6MHz & SCC-CH21150 / 2540MHz, Bandwidth 10MHz+20MHz							
2532	H	12.816	1.15	5.68	17.350	33	-15.65
2532	V	17.186	1.15	5.68	21.720	33	-11.28
16QAM, PCC-CH21206 / 2545.6MHz & SCC-CH21350 / 2560MHz, Bandwidth 10MHz+20MHz							
2550	H	12.658	1.15	5.73	17.240	33	-15.76
2550	V	17.248	1.15	5.73	21.830	33	-11.17

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band7_CA (BW 10MHz+20MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, PCC-CH20805 / 2505.5MHz & SCC-CH20949 / 2519.9MHz, Bandwidth 10MHz+20MHz							
2511	H	12.794	1.14	5.64	17.290	33	-15.71
2511	V	17.124	1.14	5.64	21.620	33	-11.38
64QAM, PCC-CH21006 / 2525.6MHz & SCC-CH21150 / 2540MHz, Bandwidth 10MHz+20MHz							
2532	H	12.806	1.15	5.68	17.340	33	-15.66
2532	V	16.986	1.15	5.68	21.520	33	-11.48
64QAM, PCC-CH21206 / 2545.6MHz & SCC-CH21350 / 2560MHz, Bandwidth 10MHz+20MHz							
2550	H	12.788	1.15	5.73	17.370	33	-15.63
2550	V	16.988	1.15	5.73	21.570	33	-11.43

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band7_CA (BW 15MHz+15MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, PCC-CH20825 / 2507.5MHz & SCC-CH20975 / 2522.5MHz, Bandwidth 15MHz+15MHz							
2514	H	12.734	1.14	5.64	17.230	33	-15.77
2514	V	17.264	1.14	5.64	21.760	33	-11.24
QPSK, PCC-CH21025 / 2527.5MHz & SCC-CH21175 / 2542.5MHz, Bandwidth 15MHz+15MHz							
2535	H	12.776	1.15	5.68	17.310	33	-15.69
2535	V	17.296	1.15	5.68	21.830	33	-11.17
QPSK, PCC-CH21225 / 2547.5MHz & SCC-CH21375 / 2562.5MHz, Bandwidth 15MHz+15MHz							
2553	H	12.698	1.15	5.73	17.280	33	-15.72
2553	V	17.088	1.15	5.73	21.670	33	-11.33
16QAM, PCC-CH20825 / 2507.5MHz & SCC-CH20975 / 2522.5MHz, Bandwidth 15MHz+15MHz							
2514	H	12.874	1.14	5.64	17.370	33	-15.63
2514	V	17.154	1.14	5.64	21.650	33	-11.35
16QAM, PCC-CH21025 / 2527.5MHz & SCC-CH21175 / 2542.5MHz, Bandwidth 15MHz+15MHz							
2535	H	12.886	1.15	5.68	17.420	33	-15.58
2535	V	17.156	1.15	5.68	21.690	33	-11.31
16QAM, PCC-CH21225 / 2547.5MHz & SCC-CH21375 / 2562.5MHz, Bandwidth 15MHz+15MHz							
2553	H	12.718	1.15	5.73	17.300	33	-15.7
2553	V	17.148	1.15	5.73	21.730	33	-11.27

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band7_CA (BW 15MHz+15MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, PCC-CH20825 / 2507.5MHz & SCC-CH20975 / 2522.5MHz, Bandwidth 15MHz+15MHz							
2514	H	12.844	1.14	5.64	17.340	33	-15.66
2514	V	17.094	1.14	5.64	21.590	33	-11.41
64QAM, PCC-CH21025 / 2527.5MHz & SCC-CH21175 / 2542.5MHz, Bandwidth 15MHz+15MHz							
2535	H	12.946	1.15	5.68	17.480	33	-15.52
2535	V	17.216	1.15	5.68	21.750	33	-11.25
64QAM, PCC-CH21225 / 2547.5MHz & SCC-CH21375 / 2562.5MHz, Bandwidth 15MHz+15MHz							
2553	H	12.858	1.15	5.73	17.440	33	-15.56
2553	V	17.128	1.15	5.73	21.710	33	-11.29

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band7_CA (BW 15MHz+10MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, PCC-CH20825 / 2507.5MHz & SCC-CH20945 / 2519.5MHz, Bandwidth 15MHz+10MHz							
2514	H	12.794	1.14	5.64	17.290	33	-15.71
2514	V	17.134	1.14	5.64	21.630	33	-11.37
QPSK, PCC-CH21051 / 2530.1MHz & SCC-CH21171 / 2542.1MHz, Bandwidth 15MHz+10MHz							
2538	H	12.786	1.15	5.68	17.320	33	-15.68
2538	V	17.006	1.15	5.68	21.540	33	-11.46
QPSK, PCC-CH21277 / 2552.7MHz & SCC-CH21397 / 2564.7MHz, Bandwidth 15MHz+10MHz							
2559	H	12.778	1.15	5.73	17.360	33	-15.64
2559	V	17.008	1.15	5.73	21.590	33	-11.41
16QAM, PCC-CH20825 / 2507.5MHz & SCC-CH20945 / 2519.5MHz, Bandwidth 15MHz+10MHz							
2514	H	12.954	1.14	5.64	17.450	33	-15.55
2514	V	17.014	1.14	5.64	21.510	33	-11.49
16QAM, PCC-CH21051 / 2530.1MHz & SCC-CH21171 / 2542.1MHz, Bandwidth 15MHz+10MHz							
2538	H	12.956	1.15	5.68	17.490	33	-15.51
2538	V	17.136	1.15	5.68	21.670	33	-11.33
16QAM, PCC-CH21277 / 2552.7MHz & SCC-CH21397 / 2564.7MHz, Bandwidth 15MHz+10MHz							
2559	H	12.758	1.15	5.73	17.340	33	-15.66
2559	V	17.038	1.15	5.73	21.620	33	-11.38

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band7_CA (BW 15MHz+10MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, PCC-CH20825 / 2507.5MHz & SCC-CH20945 / 2519.5MHz, Bandwidth 15MHz+10MHz							
2514	H	12.804	1.14	5.64	17.300	33	-15.7
2514	V	17.074	1.14	5.64	21.570	33	-11.43
64QAM, PCC-CH21051 / 2530.1MHz & SCC-CH21171 / 2542.1MHz, Bandwidth 15MHz+10MHz							
2538	H	12.816	1.15	5.68	17.350	33	-15.65
2538	V	17.096	1.15	5.68	21.630	33	-11.37
64QAM, PCC-CH21277 / 2552.7MHz & SCC-CH21397 / 2564.7MHz, Bandwidth 15MHz+10MHz							
2559	H	12.878	1.15	5.73	17.460	33	-15.54
2559	V	17.098	1.15	5.73	21.680	33	-11.32

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band41_CA (BW 20MHz+20MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, PCC-CH39750 / 2506MHz & SCC-CH39948 / 2525.8MHz, Bandwidth 20MHz+20MHz							
2517	H	15.9	1.14	5.60	20.360	33	-12.64
2517	V	18.13	1.14	5.60	22.590	33	-10.41
QPSK, PCC-CH40521 / 2583.1MHz & SCC-CH40719 / 2602.9MHz, Bandwidth 20MHz+20MHz							
2592	H	15.63	1.15	5.83	20.310	33	-12.69
2592	V	17.94	1.15	5.83	22.620	33	-10.38
QPSK, PCC-CH41292 / 2660.2MHz & SCC-CH41490 / 2680MHz, Bandwidth 20MHz+20MHz							
2670	H	15.4	1.18	6.07	20.290	33	-12.71
2670	V	17.65	1.18	6.07	22.540	33	-10.46
16QAM, PCC-CH39750 / 2506MHz & SCC-CH39948 / 2525.8MHz, Bandwidth 20MHz+20MHz							
2517	H	15.87	1.14	5.60	20.330	33	-12.67
2517	V	18.05	1.14	5.60	22.510	33	-10.49
16QAM, PCC-CH40521 / 2583.1MHz & SCC-CH40719 / 2602.9MHz, Bandwidth 20MHz+20MHz							
2592	H	15.7	1.15	5.83	20.380	33	-12.62
2592	V	17.91	1.15	5.83	22.590	33	-10.41
16QAM, PCC-CH41292 / 2660.2MHz & SCC-CH41490 / 2680MHz, Bandwidth 20MHz+20MHz							
2670	H	15.4	1.18	6.07	20.290	33	-12.71
2670	V	17.64	1.18	6.07	22.530	33	-10.47

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band41_CA (BW 20MHz+20MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, PCC-CH39750 / 2506MHz & SCC-CH39948 / 2525.8MHz, Bandwidth 20MHz+20MHz							
2517	H	15.75	1.14	5.60	20.210	33	-12.79
2517	V	18.1	1.14	5.60	22.560	33	-10.44
64QAM, PCC-CH40521 / 2583.1MHz & SCC-CH40719 / 2602.9MHz, Bandwidth 20MHz+20MHz							
2592	H	15.64	1.15	5.83	20.320	33	-12.68
2592	V	17.91	1.15	5.83	22.590	33	-10.41
64QAM, PCC-CH41292 / 2660.2MHz & SCC-CH41490 / 2680MHz, Bandwidth 20MHz+20MHz							
2670	H	15.35	1.18	6.07	20.240	33	-12.76
2670	V	17.66	1.18	6.07	22.550	33	-10.45

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band41_CA (BW 20MHz+15MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, PCC-CH39750 / 2506MHz & SCC-CH39921 / 2523.1MHz, Bandwidth 20MHz+15MHz							
2514	H	15.84	1.14	5.60	20.300	33	-12.7
2514	V	18.18	1.14	5.60	22.640	33	-10.36
QPSK, PCC-CH40546 / 2585.6MHz & SCC-CH40717 / 2602.7MHz, Bandwidth 20MHz+15MHz							
2595	H	15.68	1.15	5.83	20.360	33	-12.64
2595	V	17.9	1.15	5.83	22.580	33	-10.42
QPSK, PCC-CH41341 / 2665.1MHz & SCC-CH41512 / 2682.2MHz, Bandwidth 20MHz+15MHz							
2676	H	15.42	1.18	6.07	20.310	33	-12.69
2676	V	17.77	1.18	6.07	22.660	33	-10.34
16QAM, PCC-CH39750 / 2506MHz & SCC-CH39921 / 2523.1MHz, Bandwidth 20MHz+15MHz							
2514	H	15.81	1.14	5.60	20.270	33	-12.73
2514	V	18.27	1.14	5.60	22.730	33	-10.27
16QAM, PCC-CH40546 / 2585.6MHz & SCC-CH40717 / 2602.7MHz, Bandwidth 20MHz+15MHz							
2595	H	15.66	1.15	5.83	20.340	33	-12.66
2595	V	18.03	1.15	5.83	22.710	33	-10.29
16QAM, PCC-CH41341 / 2665.1MHz & SCC-CH41512 / 2682.2MHz, Bandwidth 20MHz+15MHz							
2676	H	15.4	1.18	6.07	20.290	33	-12.71
2676	V	17.8	1.18	6.07	22.690	33	-10.31

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band41_CA (BW 20MHz+15MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, PCC-CH39750 / 2506MHz & SCC-CH39921 / 2523.1MHz, Bandwidth 20MHz+15MHz							
2514	H	15.88	1.14	5.60	20.340	33	-12.66
2514	V	18.26	1.14	5.60	22.720	33	-10.28
64QAM, PCC-CH40546 / 2585.6MHz & SCC-CH40717 / 2602.7MHz, Bandwidth 20MHz+15MHz							
2595	H	15.69	1.15	5.83	20.370	33	-12.63
2595	V	17.97	1.15	5.83	22.650	33	-10.35
64QAM, PCC-CH41341 / 2665.1MHz & SCC-CH41512 / 2682.2MHz, Bandwidth 20MHz+15MHz							
2676	H	15.51	1.18	6.07	20.400	33	-12.6
2676	V	17.73	1.18	6.07	22.620	33	-10.38

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band41_CA (BW 15MHz+20MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, PCC-CH39728 / 2503.8MHz & SCC-CH39899 / 2520.9MHz, Bandwidth 15MHz+20MHz							
2511	H	15.86	1.14	5.60	20.320	33	-12.68
2511	V	18.11	1.14	5.60	22.570	33	-10.43
QPSK, PCC-CH40523 / 2583.3MHz & SCC-CH40694 / 2600.4MHz, Bandwidth 15MHz+20MHz							
2592	H	15.6	1.15	5.83	20.280	33	-12.72
2592	V	17.83	1.15	5.83	22.510	33	-10.49
QPSK, PCC-CH41319 / 2662.9MHz & SCC-CH41490 / 2680MHz, Bandwidth 15MHz+20MHz							
2670	H	15.34	1.18	6.07	20.230	33	-12.77
2670	V	17.58	1.18	6.07	22.470	33	-10.53
16QAM, PCC-CH39728 / 2503.8MHz & SCC-CH39899 / 2520.9MHz, Bandwidth 15MHz+20MHz							
2511	H	15.84	1.14	5.60	20.300	33	-12.7
2511	V	18.1	1.14	5.60	22.560	33	-10.44
16QAM, PCC-CH40523 / 2583.3MHz & SCC-CH40694 / 2600.4MHz, Bandwidth 15MHz+20MHz							
2592	H	15.66	1.15	5.83	20.340	33	-12.66
2592	V	17.96	1.15	5.83	22.640	33	-10.36
16QAM, PCC-CH41319 / 2662.9MHz & SCC-CH41490 / 2680MHz, Bandwidth 15MHz+20MHz							
2670	H	15.47	1.18	6.07	20.360	33	-12.64
2670	V	17.7	1.18	6.07	22.590	33	-10.41

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band41_CA (BW 15MHz+20MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, PCC-CH39728 / 2503.8MHz & SCC-CH39899 / 2520.9MHz, Bandwidth 15MHz+20MHz							
2511	H	16.02	1.14	5.60	20.480	33	-12.52
2511	V	18.15	1.14	5.60	22.610	33	-10.39
64QAM, PCC-CH40523 / 2583.3MHz & SCC-CH40694 / 2600.4MHz, Bandwidth 15MHz+20MHz							
2592	H	15.71	1.15	5.83	20.390	33	-12.61
2592	V	17.89	1.15	5.83	22.570	33	-10.43
64QAM, PCC-CH41319 / 2662.9MHz & SCC-CH41490 / 2680MHz, Bandwidth 15MHz+20MHz							
2670	H	15.65	1.18	6.07	20.540	33	-12.46
2670	V	17.64	1.18	6.07	22.530	33	-10.47

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band41_CA (BW 20MHz+10MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, PCC-CH39705 / 2501.5MHz & SCC-CH39849 / 2515.9MHz, Bandwidth 20MHz+10MHz							
2517	H	15.95	1.14	5.60	20.410	33	-12.59
2517	V	18.16	1.14	5.60	22.620	33	-10.38
QPSK, PCC-CH40526 / 2583.6MHz & SCC-CH40670 / 2598MHz, Bandwidth 20MHz+10MHz							
2598	H	15.88	1.15	5.83	20.560	33	-12.44
2598	V	17.82	1.15	5.83	22.500	33	-10.5
QPSK, PCC-CH41346 / 2665.6MHz & SCC-CH41490 / 2680MHz, Bandwidth 20MHz+10MHz							
2679	H	15.79	1.18	6.07	20.680	33	-12.32
2679	V	17.68	1.18	6.07	22.570	33	-10.43
16QAM, PCC-CH39705 / 2501.5MHz & SCC-CH39849 / 2515.9MHz, Bandwidth 20MHz+10MHz							
2517	H	16.25	1.14	5.60	20.710	33	-12.29
2517	V	18.18	1.14	5.60	22.640	33	-10.36
16QAM, PCC-CH40526 / 2583.6MHz & SCC-CH40670 / 2598MHz, Bandwidth 20MHz+10MHz							
2598	H	15.98	1.15	5.83	20.660	33	-12.34
2598	V	18.1	1.15	5.83	22.780	33	-10.22
16QAM, PCC-CH41346 / 2665.6MHz & SCC-CH41490 / 2680MHz, Bandwidth 20MHz+10MHz							
2679	H	15.74	1.18	6.07	20.630	33	-12.37
2679	V	17.93	1.18	6.07	22.820	33	-10.18

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band41_CA (BW 20MHz+10MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, PCC-CH39705 / 2501.5MHz & SCC-CH39849 / 2515.9MHz, Bandwidth 20MHz+10MHz							
2517	H	16.13	1.14	5.60	20.590	33	-12.41
2517	V	18.31	1.14	5.60	22.770	33	-10.23
64QAM, PCC-CH40526 / 2583.6MHz & SCC-CH40670 / 2598MHz, Bandwidth 20MHz+10MHz							
2598	H	15.84	1.15	5.83	20.520	33	-12.48
2598	V	18.12	1.15	5.83	22.800	33	-10.2
64QAM, PCC-CH41346 / 2665.6MHz & SCC-CH41490 / 2680MHz, Bandwidth 20MHz+10MHz							
2679	H	15.65	1.18	6.07	20.540	33	-12.46
2679	V	17.83	1.18	6.07	22.720	33	-10.28

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band41_CA (BW 10MHz+20MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, PCC-CH39705 / 2501.5MHz & SCC-CH39849 / 2515.9MHz, Bandwidth 10MHz+20MHz							
2505	H	16.23	1.14	5.60	20.690	33	-12.31
2505	V	18.18	1.14	5.60	22.640	33	-10.36
QPSK, PCC-CH40526 / 2583.6MHz & SCC-CH40670 / 2598MHz, Bandwidth 10MHz+20MHz							
2589	H	15.94	1.15	5.83	20.620	33	-12.38
2589	V	18.02	1.15	5.83	22.700	33	-10.3
QPSK, PCC-CH41346 / 2665.6MHz & SCC-CH41490 / 2680MHz, Bandwidth 10MHz+20MHz							
2670	H	15.84	1.18	6.07	20.730	33	-12.27
2670	V	17.94	1.18	6.07	22.830	33	-10.17
16QAM, PCC-CH39705 / 2501.5MHz & SCC-CH39849 / 2515.9MHz, Bandwidth 10MHz+20MHz							
2505	H	16.18	1.14	5.60	20.640	33	-12.36
2505	V	18.32	1.14	5.60	22.780	33	-10.22
16QAM, PCC-CH40526 / 2583.6MHz & SCC-CH40670 / 2598MHz, Bandwidth 10MHz+20MHz							
2589	H	15.93	1.15	5.83	20.610	33	-12.39
2589	V	18.05	1.15	5.83	22.730	33	-10.27
16QAM, PCC-CH41346 / 2665.6MHz & SCC-CH41490 / 2680MHz, Bandwidth 10MHz+20MHz							
2670	H	15.67	1.18	6.07	20.560	33	-12.44
2670	V	17.81	1.18	6.07	22.700	33	-10.3

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band41_CA (BW 10MHz+20MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, PCC-CH39705 / 2501.5MHz & SCC-CH39849 / 2515.9MHz, Bandwidth 10MHz+20MHz							
2505	H	16.05	1.14	5.60	20.510	33	-12.49
2505	V	18.22	1.14	5.60	22.680	33	-10.32
64QAM, PCC-CH40526 / 2583.6MHz & SCC-CH40670 / 2598MHz, Bandwidth 10MHz+20MHz							
2589	H	15.87	1.15	5.83	20.550	33	-12.45
2589	V	18.03	1.15	5.83	22.710	33	-10.29
64QAM, PCC-CH41346 / 2665.6MHz & SCC-CH41490 / 2680MHz, Bandwidth 10MHz+20MHz							
2670	H	15.74	1.18	6.07	20.630	33	-12.37
2670	V	17.91	1.18	6.07	22.800	33	-10.2

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band41_CA (BW 20MHz+5MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, PCC-CH39750 / 2506MHz & SCC-CH39867 / 2517.7MHz, Bandwidth 20MHz+5MHz							
2514	H	16.41	1.14	5.60	20.870	33	-12.13
2514	V	18.46	1.14	5.60	22.920	33	-10.08
QPSK, PCC-CH40595 / 2590.5MHz & SCC-CH40712 / 2602.2MHz, Bandwidth 20MHz+5MHz							
2601	H	16.07	1.15	5.83	20.750	33	-12.25
2601	V	18.18	1.15	5.83	22.860	33	-10.14
QPSK, PCC-CH41440 / 2675MHz & SCC-CH41557 / 2686.7MHz, Bandwidth 20MHz+5MHz							
2685	H	15.97	1.18	6.07	20.860	33	-12.14
2685	V	18.04	1.18	6.07	22.930	33	-10.07
16QAM, PCC-CH39750 / 2506MHz & SCC-CH39867 / 2517.7MHz, Bandwidth 20MHz+5MHz							
2514	H	16.44	1.14	5.60	20.900	33	-12.1
2514	V	18.55	1.14	5.60	23.010	33	-9.99
16QAM, PCC-CH40595 / 2590.5MHz & SCC-CH40712 / 2602.2MHz, Bandwidth 20MHz+5MHz							
2601	H	16.15	1.15	5.83	20.830	33	-12.17
2601	V	18.41	1.15	5.83	23.090	33	-9.91
16QAM, PCC-CH41440 / 2675MHz & SCC-CH41557 / 2686.7MHz, Bandwidth 20MHz+5MHz							
2685	H	15.89	1.18	6.07	20.780	33	-12.22
2685	V	17.99	1.18	6.07	22.880	33	-10.12

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band41_CA (BW 20MHz+5MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, PCC-CH39750 / 2506MHz & SCC-CH39867 / 2517.7MHz, Bandwidth 20MHz+5MHz							
2514	H	16.29	1.14	5.60	20.750	33	-12.25
2514	V	18.47	1.14	5.60	22.930	33	-10.07
64QAM, PCC-CH40595 / 2590.5MHz & SCC-CH40712 / 2602.2MHz, Bandwidth 20MHz+5MHz							
2601	H	16.14	1.15	5.83	20.820	33	-12.18
2601	V	18.25	1.15	5.83	22.930	33	-10.07
64QAM, PCC-CH41440 / 2675MHz & SCC-CH41557 / 2686.7MHz, Bandwidth 20MHz+5MHz							
2685	H	15.9	1.18	6.07	20.790	33	-12.21
2685	V	17.96	1.18	6.07	22.850	33	-10.15

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band41_CA (BW 5MHz+20MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, PCC-CH39683 / 2499.3MHz & SCC-CH39800 / 2511MHz, Bandwidth 5MHz+20MHz							
2502	H	16.21	1.14	5.60	20.670	33	-12.33
2502	V	18.45	1.14	5.60	22.910	33	-10.09
QPSK, PCC-CH40528 / 2583.8MHz & SCC-CH40645 / 2595.5MHz, Bandwidth 5MHz+20MHz							
2586	H	15.88	1.15	5.83	20.560	33	-12.44
2586	V	18.17	1.15	5.83	22.850	33	-10.15
QPSK, PCC-CH41373 / 2668.3MHz & SCC-CH41490 / 2680MHz, Bandwidth 5MHz+20MHz							
2670	H	15.84	1.18	6.07	20.730	33	-12.27
2670	V	18	1.18	6.07	22.890	33	-10.11
16QAM, PCC-CH39683 / 2499.3MHz & SCC-CH39800 / 2511MHz, Bandwidth 5MHz+20MHz							
2502	H	16.25	1.14	5.60	20.710	33	-12.29
2502	V	18.52	1.14	5.60	22.980	33	-10.02
16QAM, PCC-CH40528 / 2583.8MHz & SCC-CH40645 / 2595.5MHz, Bandwidth 5MHz+20MHz							
2586	H	16.06	1.15	5.83	20.740	33	-12.26
2586	V	18.22	1.15	5.83	22.900	33	-10.1
16QAM, PCC-CH41373 / 2668.3MHz & SCC-CH41490 / 2680MHz, Bandwidth 5MHz+20MHz							
2670	H	15.73	1.18	6.07	20.620	33	-12.38
2670	V	17.94	1.18	6.07	22.830	33	-10.17

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band41_CA (BW 5MHz+20MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, PCC-CH39683 / 2499.3MHz & SCC-CH39800 / 2511MHz, Bandwidth 5MHz+20MHz							
2502	H	16.2	1.14	5.60	20.660	33	-12.34
2502	V	18.41	1.14	5.60	22.870	33	-10.13
64QAM, PCC-CH40528 / 2583.8MHz & SCC-CH40645 / 2595.5MHz, Bandwidth 5MHz+20MHz							
2586	H	16.11	1.15	5.83	20.790	33	-12.21
2586	V	18.16	1.15	5.83	22.840	33	-10.16
64QAM, PCC-CH41373 / 2668.3MHz & SCC-CH41490 / 2680MHz, Bandwidth 5MHz+20MHz							
2670	H	15.98	1.18	6.07	20.870	33	-12.13
2670	V	18.02	1.18	6.07	22.910	33	-10.09

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band41_CA (BW 15MHz+15MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, PCC-CH39725 / 2503.5MHz & SCC-CH39875 / 2518.5MHz, Bandwidth 15MHz+15MHz							
2511	H	16.35	1.14	5.60	20.810	33	-12.19
2511	V	18.58	1.14	5.60	23.040	33	-9.96
QPSK, PCC-CH40545 / 2585.5MHz & SCC-CH40695 / 2600.5MHz, Bandwidth 15MHz+15MHz							
2592	H	16.25	1.15	5.83	20.930	33	-12.07
2592	V	18.33	1.15	5.83	23.010	33	-9.99
QPSK, PCC-CH41365 / 2667.5MHz & SCC-CH41515 / 2682.5MHz, Bandwidth 15MHz+15MHz							
2676	H	15.98	1.18	6.07	20.870	33	-12.13
2676	V	18.13	1.18	6.07	23.020	33	-9.98
16QAM, PCC-CH39725 / 2503.5MHz & SCC-CH39875 / 2518.5MHz, Bandwidth 15MHz+15MHz							
2511	H	16.32	1.14	5.60	20.780	33	-12.22
2511	V	18.46	1.14	5.60	22.920	33	-10.08
16QAM, PCC-CH40545 / 2585.5MHz & SCC-CH40695 / 2600.5MHz, Bandwidth 15MHz+15MHz							
2592	H	16.15	1.15	5.83	20.830	33	-12.17
2592	V	18.27	1.15	5.83	22.950	33	-10.05
16QAM, PCC-CH41365 / 2667.5MHz & SCC-CH41515 / 2682.5MHz, Bandwidth 15MHz+15MHz							
2676	H	15.84	1.18	6.07	20.730	33	-12.27
2676	V	18	1.18	6.07	22.890	33	-10.11

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band41_CA (BW 15MHz+15MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, PCC-CH39725 / 2503.5MHz & SCC-CH39875 / 2518.5MHz, Bandwidth 15MHz+15MHz							
2511	H	16.39	1.14	5.60	20.850	33	-12.15
2511	V	18.57	1.14	5.60	23.030	33	-9.97
64QAM, PCC-CH40545 / 2585.5MHz & SCC-CH40695 / 2600.5MHz, Bandwidth 15MHz+15MHz							
2592	H	16.1	1.15	5.83	20.780	33	-12.22
2592	V	18.38	1.15	5.83	23.060	33	-9.94
64QAM, PCC-CH41365 / 2667.5MHz & SCC-CH41515 / 2682.5MHz, Bandwidth 15MHz+15MHz							
2676	H	15.98	1.18	6.07	20.870	33	-12.13
2676	V	18.11	1.18	6.07	23.000	33	-10

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band41_CA (BW 15MHz+10MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, PCC-CH39725 / 2503.5MHz & SCC-CH39845 / 2515.5MHz, Bandwidth 15MHz+10MHz							
2511	H	16.27	1.14	5.60	20.730	33	-12.27
2511	V	18.55	1.14	5.60	23.010	33	-9.99
QPSK, PCC-CH40571 / 2588.1MHz & SCC-CH40691 / 2600.1MHz, Bandwidth 15MHz+10MHz							
2595	H	16.03	1.15	5.83	20.710	33	-12.29
2595	V	18.36	1.15	5.83	23.040	33	-9.96
QPSK, PCC-CH41417 / 2672.7MHz & SCC-CH41537 / 2684.7MHz, Bandwidth 15MHz+10MHz							
2679	H	15.79	1.18	6.07	20.680	33	-12.32
2679	V	18.04	1.18	6.07	22.930	33	-10.07
16QAM, PCC-CH39725 / 2503.5MHz & SCC-CH39845 / 2515.5MHz, Bandwidth 15MHz+10MHz							
2511	H	16.16	1.14	5.60	20.620	33	-12.38
2511	V	18.48	1.14	5.60	22.940	33	-10.06
16QAM, PCC-CH40571 / 2588.1MHz & SCC-CH40691 / 2600.1MHz, Bandwidth 15MHz+10MHz							
2595	H	15.9	1.15	5.83	20.580	33	-12.42
2595	V	18.23	1.15	5.83	22.910	33	-10.09
16QAM, PCC-CH41417 / 2672.7MHz & SCC-CH41537 / 2684.7MHz, Bandwidth 15MHz+10MHz							
2679	H	15.75	1.18	6.07	20.640	33	-12.36
2679	V	18.06	1.18	6.07	22.950	33	-10.05

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band41_CA (BW 15MHz+10MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, PCC-CH39725 / 2503.5MHz & SCC-CH39845 / 2515.5MHz, Bandwidth 15MHz+10MHz							
2511	H	16.29	1.14	5.60	20.750	33	-12.25
2511	V	18.43	1.14	5.60	22.890	33	-10.11
64QAM, PCC-CH40571 / 2588.1MHz & SCC-CH40691 / 2600.1MHz, Bandwidth 15MHz+10MHz							
2595	H	16.09	1.15	5.83	20.770	33	-12.23
2595	V	18.43	1.15	5.83	23.110	33	-9.89
64QAM, PCC-CH41417 / 2672.7MHz & SCC-CH41537 / 2684.7MHz, Bandwidth 15MHz+10MHz							
2679	H	15.71	1.18	6.07	20.600	33	-12.4
2679	V	18.1	1.18	6.07	22.990	33	-10.01

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band41_CA (BW 10MHz+15MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, PCC-CH39703 / 2501.3MHz & SCC-CH39823 / 2513.3MHz, Bandwidth 10MHz+15MHz							
2505	H	16.45	1.14	5.60	20.910	33	-12.09
2505	V	19.43	1.14	5.60	23.890	33	-9.11
QPSK, PCC-CH40549 / 2585.9MHz & SCC-CH40669 / 2597.9MHz, Bandwidth 10MHz+15MHz							
2592	H	16.25	1.15	5.83	20.930	33	-12.07
2592	V	19.13	1.15	5.83	23.810	33	-9.19
QPSK, PCC-CH41395 / 2670.5MHz & SCC-CH41515 / 2682.5MHz, Bandwidth 10MHz+15MHz							
2676	H	16.1	1.18	6.07	20.990	33	-12.01
2676	V	18.96	1.18	6.07	23.850	33	-9.15
16QAM, PCC-CH39703 / 2501.3MHz & SCC-CH39823 / 2513.3MHz, Bandwidth 10MHz+15MHz							
2505	H	16.38	1.14	5.60	20.840	33	-12.16
2505	V	19.45	1.14	5.60	23.910	33	-9.09
16QAM, PCC-CH40549 / 2585.9MHz & SCC-CH40669 / 2597.9MHz, Bandwidth 10MHz+15MHz							
2592	H	16.14	1.15	5.83	20.820	33	-12.18
2592	V	19.29	1.15	5.83	23.970	33	-9.03
16QAM, PCC-CH41395 / 2670.5MHz & SCC-CH41515 / 2682.5MHz, Bandwidth 10MHz+15MHz							
2676	H	15.98	1.18	6.07	20.870	33	-12.13
2676	V	18.94	1.18	6.07	23.830	33	-9.17

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band41_CA (BW 10MHz+15MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, PCC-CH39703 / 2501.3MHz & SCC-CH39823 / 2513.3MHz, Bandwidth 10MHz+15MHz							
2505	H	16.28	1.14	5.60	20.740	33	-12.26
2505	V	19.46	1.14	5.60	23.920	33	-9.08
64QAM, PCC-CH40549 / 2585.9MHz & SCC-CH40669 / 2597.9MHz, Bandwidth 10MHz+15MHz							
2592	H	16.03	1.15	5.83	20.710	33	-12.29
2592	V	19.13	1.15	5.83	23.810	33	-9.19
64QAM, PCC-CH41395 / 2670.5MHz & SCC-CH41515 / 2682.5MHz, Bandwidth 10MHz+15MHz							
2676	H	15.94	1.18	6.07	20.830	33	-12.17
2676	V	19.01	1.18	6.07	23.900	33	-9.1

NOTES:

1. ERP (dBm) / EIRP (dBm)=

   SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Radiated Spurious Emission

LTE Band2 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH18607 / 1850.7MHz, Bandwidth 1.4MHz							
3701.4	H	-68.89	1.36	7.95	-62.300	-13	-49.3
5552.1	H	-64.06	1.79	10.10	-55.750	-13	-42.75
7402.8	H	-62.842	1.72	11.72	-52.840	-13	-39.84
3701.4	V	-68.85	1.36	7.95	-62.260	-13	-49.26
5552.1	V	-64.79	1.79	10.10	-56.480	-13	-43.48
7402.8	V	-63.052	1.72	11.72	-53.050	-13	-40.05
QPSK, CH18615 / 1851.5MHz, Bandwidth 3MHz							
3703	H	-68.71	1.36	7.95	-62.120	-13	-49.12
5554.5	H	-64.92	1.79	10.10	-56.610	-13	-43.61
7406	H	-62.952	1.72	11.72	-52.950	-13	-39.95
3703	V	-68.73	1.36	7.95	-62.140	-13	-49.14
5554.5	V	-65.25	1.79	10.10	-56.940	-13	-43.94
7406	V	-63.562	1.72	11.72	-53.560	-13	-40.56
QPSK, CH18625 / 1852.5MHz, Bandwidth 5MHz							
3705	H	-68.57	1.36	7.95	-61.980	-13	-48.98
5557.5	H	-64.24	1.79	10.10	-55.930	-13	-42.93
7410	H	-63.142	1.72	11.72	-53.140	-13	-40.14
3705	V	-68.61	1.36	7.95	-62.020	-13	-49.02
5557.5	V	-65.17	1.79	10.10	-56.860	-13	-43.86
7410	V	-63.432	1.72	11.72	-53.430	-13	-40.43

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band2 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH18650 / 1855MHz, Bandwidth 10MHz							
3710	H	-68.82	1.36	7.95	-62.230	-13	-49.23
5565	H	-65.62	1.79	10.10	-57.310	-13	-44.31
7420	H	-63.272	1.72	11.72	-53.270	-13	-40.27
3710	V	-68.75	1.36	7.95	-62.160	-13	-49.16
5565	V	-65.8	1.79	10.10	-57.490	-13	-44.49
7420	V	-63.852	1.72	11.72	-53.850	-13	-40.85
QPSK, CH18675 / 1857.5MHz, Bandwidth 15MHz							
3715	H	-68.52	1.36	7.95	-61.930	-13	-48.93
5572.5	H	-65.12	1.79	10.10	-56.810	-13	-43.81
7430	H	-62.972	1.72	11.72	-52.970	-13	-39.97
3715	V	-68.81	1.36	7.95	-62.220	-13	-49.22
5572.5	V	-65.02	1.79	10.10	-56.710	-13	-43.71
7430	V	-64.162	1.72	11.72	-54.160	-13	-41.16
QPSK, CH18700 / 1860MHz, Bandwidth 20MHz							
3720	H	-68.35	1.36	7.95	-61.760	-13	-48.76
5580	H	-65.96	1.79	10.10	-57.650	-13	-44.65
7440	H	-63.652	1.72	11.72	-53.650	-13	-40.65
3720	V	-68.57	1.36	7.95	-61.980	-13	-48.98
5580	V	-66.18	1.79	10.10	-57.870	-13	-44.87
7440	V	-64.392	1.72	11.72	-54.390	-13	-41.39

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band2 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH18900 / 1880MHz, Bandwidth 1.4MHz							
3760	H	-68.32	1.36	7.95	-61.730	-13	-48.73
5640	H	-65.4	1.79	10.10	-57.090	-13	-44.09
7520	H	-63.982	1.72	11.72	-53.980	-13	-40.98
3760	V	-68.73	1.36	7.95	-62.140	-13	-49.14
5640	V	-66.1	1.79	10.10	-57.790	-13	-44.79
7520	V	-64.702	1.72	11.72	-54.700	-13	-41.7
QPSK, CH18900 / 1880MHz, Bandwidth 3MHz							
3760	H	-68.14	1.36	7.95	-61.550	-13	-48.55
5640	H	-65.24	1.79	10.10	-56.930	-13	-43.93
7520	H	-64.082	1.72	11.72	-54.080	-13	-41.08
3760	V	-68.5	1.36	7.95	-61.910	-13	-48.91
5640	V	-65.93	1.79	10.10	-57.620	-13	-44.62
7520	V	-63.672	1.72	11.72	-53.670	-13	-40.67
QPSK, CH18900 / 1880MHz, Bandwidth 5MHz							
3760	H	-67.53	1.36	7.95	-60.940	-13	-47.94
5640	H	-65.33	1.79	10.10	-57.020	-13	-44.02
7520	H	-64.172	1.72	11.72	-54.170	-13	-41.17
3760	V	-68.62	1.36	7.95	-62.030	-13	-49.03
5640	V	-65.89	1.79	10.10	-57.580	-13	-44.58
7520	V	-64.382	1.72	11.72	-54.380	-13	-41.38

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band2 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH18900 / 1880MHz, Bandwidth 10MHz							
3760	H	-67.94	1.36	7.95	-61.350	-13	-48.35
5640	H	-62.63	1.79	10.10	-54.320	-13	-41.32
7520	H	-71.902	1.72	11.72	-61.900	-13	-48.9
3760	V	-68.7	1.36	7.95	-62.110	-13	-49.11
5640	V	-65.79	1.79	10.10	-57.480	-13	-44.48
7520	V	-62.942	1.72	11.72	-52.940	-13	-39.94
QPSK, CH18900 / 1880MHz, Bandwidth 15MHz							
3760	H	-67.41	1.36	7.95	-60.820	-13	-47.82
5640	H	-65.36	1.79	10.10	-57.050	-13	-44.05
7520	H	-63.292	1.72	11.72	-53.290	-13	-40.29
3760	V	-68.55	1.36	7.95	-61.960	-13	-48.96
5640	V	-65.56	1.79	10.10	-57.250	-13	-44.25
7520	V	-62.222	1.72	11.72	-52.220	-13	-39.22
QPSK, CH18900 / 1880MHz, Bandwidth 20MHz							
3760	H	-67.13	1.36	7.95	-60.540	-13	-47.54
5640	H	-65.29	1.79	10.10	-56.980	-13	-43.98
7520	H	-64.432	1.72	11.72	-54.430	-13	-41.43
3760	V	-68.46	1.36	7.95	-61.870	-13	-48.87
5640	V	-65.58	1.79	10.10	-57.270	-13	-44.27
7520	V	-61.102	1.72	11.72	-51.100	-13	-38.1

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band2 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH19193 / 1909.3MHz, Bandwidth 1.4MHz							
3818.6	H	-67.98	1.36	7.95	-61.390	-13	-48.39
5727.9	H	-65.48	1.79	10.10	-57.170	-13	-44.17
7637.2	H	-63.042	1.72	11.72	-53.040	-13	-40.04
3818.6	V	-68.36	1.36	7.95	-61.770	-13	-48.77
5727.9	V	-65.23	1.79	10.10	-56.920	-13	-43.92
7637.2	V	-63.992	1.72	11.72	-53.990	-13	-40.99
QPSK, CH19185 / 1908.5MHz, Bandwidth 3MHz							
3817	H	-68.01	1.36	7.95	-61.420	-13	-48.42
5725.5	H	-65.54	1.79	10.10	-57.230	-13	-44.23
7634	H	-62.952	1.72	11.72	-52.950	-13	-39.95
3817	V	-68.13	1.36	7.95	-61.540	-13	-48.54
5725.5	V	-65.04	1.79	10.10	-56.730	-13	-43.73
7634	V	-63.782	1.72	11.72	-53.780	-13	-40.78
QPSK, CH19175 / 1907.5MHz, Bandwidth 5MHz							
3815	H	-68.09	1.36	7.95	-61.500	-13	-48.5
5722.5	H	-65.46	1.79	10.10	-57.150	-13	-44.15
7630	H	-62.372	1.72	11.72	-52.370	-13	-39.37
3815	V	-67.91	1.36	7.95	-61.320	-13	-48.32
5722.5	V	-65.11	1.79	10.10	-56.800	-13	-43.8
7630	V	-63.452	1.72	11.72	-53.450	-13	-40.45

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band2 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH19150 / 1905MHz, Bandwidth 10MHz							
3810	H	-68.06	1.36	7.95	-61.470	-13	-48.47
5715	H	-65.62	1.79	10.10	-57.310	-13	-44.31
7620	H	-62.282	1.72	11.72	-52.280	-13	-39.28
3810	V	-67.48	1.36	7.95	-60.890	-13	-47.89
5715	V	-64.75	1.79	10.10	-56.440	-13	-43.44
7620	V	-62.912	1.72	11.72	-52.910	-13	-39.91
QPSK, CH19125 / 1902.5MHz, Bandwidth 15MHz							
3805	H	-68	1.36	7.95	-61.410	-13	-48.41
5707.5	H	-65.57	1.79	10.10	-57.260	-13	-44.26
7610	H	-61.882	1.72	11.72	-51.880	-13	-38.88
3805	V	-67.71	1.36	7.95	-61.120	-13	-48.12
5707.5	V	-64.82	1.79	10.10	-56.510	-13	-43.51
7610	V	-63.092	1.72	11.72	-53.090	-13	-40.09
QPSK, CH19100 / 1900MHz, Bandwidth 20MHz							
3800	H	-68.11	1.36	7.95	-61.520	-13	-48.52
5700	H	-65.65	1.79	10.10	-57.340	-13	-44.34
7600	H	-61.372	1.72	11.72	-51.370	-13	-38.37
3800	V	-67.31	1.36	7.95	-60.720	-13	-47.72
5700	V	-64.68	1.79	10.10	-56.370	-13	-43.37
7600	V	-62.732	1.72	11.72	-52.730	-13	-39.73

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band4 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH19957 / 1710.7MHz, Bandwidth 1.4MHz							
3421.4	H	-65.196	1.33	7.65	-58.880	-13	-45.88
5132.1	H	-66.03	1.68	9.88	-57.830	-13	-44.83
6842.8	H	-62.026	1.81	11.15	-52.690	-13	-39.69
3421.4	V	-65.486	1.33	7.65	-59.170	-13	-46.17
5132.1	V	-66.85	1.68	9.88	-58.650	-13	-45.65
6842.8	V	-62.796	1.81	11.15	-53.460	-13	-40.46
QPSK, CH19965 / 1711.5MHz, Bandwidth 3MHz							
3423	H	-65.406	1.33	7.65	-59.090	-13	-46.09
5134.5	H	-66.15	1.68	9.88	-57.950	-13	-44.95
6846	H	-61.896	1.81	11.15	-52.560	-13	-39.56
3423	V	-65.256	1.33	7.65	-58.940	-13	-45.94
5134.5	V	-66.88	1.68	9.88	-58.680	-13	-45.68
6846	V	-62.846	1.81	11.15	-53.510	-13	-40.51
QPSK, CH19975 / 1712.5MHz, Bandwidth 5MHz							
3425	H	-66.456	1.33	7.65	-60.140	-13	-47.14
5137.5	H	-66.54	1.68	9.88	-58.340	-13	-45.34
6850	H	-61.766	1.81	11.15	-52.430	-13	-39.43
3425	V	-65.406	1.33	7.65	-59.090	-13	-46.09
5137.5	V	-67.02	1.68	9.88	-58.820	-13	-45.82
6850	V	-62.836	1.81	11.15	-53.500	-13	-40.5

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band4 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH20000 / 1715MHz, Bandwidth 10MHz							
3430	H	-68.176	1.33	7.65	-61.860	-13	-48.86
5145	H	-66.18	1.68	9.88	-57.980	-13	-44.98
6860	H	-61.626	1.81	11.15	-52.290	-13	-39.29
3430	V	-65.166	1.33	7.65	-58.850	-13	-45.85
5145	V	-67.03	1.68	9.88	-58.830	-13	-45.83
6860	V	-63.346	1.81	11.15	-54.010	-13	-41.01
QPSK, CH20025 / 1717.5MHz, Bandwidth 15MHz							
3435	H	-68.046	1.33	7.65	-61.730	-13	-48.73
5152.5	H	-67.07	1.68	9.88	-58.870	-13	-45.87
6870	H	-61.676	1.81	11.15	-52.340	-13	-39.34
3435	V	-65.086	1.33	7.65	-58.770	-13	-45.77
5152.5	V	-66.95	1.68	9.88	-58.750	-13	-45.75
6870	V	-63.546	1.81	11.15	-54.210	-13	-41.21
QPSK, CH20050 / 1720MHz, Bandwidth 20MHz							
3440	H	-68.706	1.33	7.65	-62.390	-13	-49.39
5160	H	-67.18	1.68	9.88	-58.980	-13	-45.98
6880	H	-60.396	1.81	11.15	-51.060	-13	-38.06
3440	V	-65.006	1.33	7.65	-58.690	-13	-45.69
5160	V	-67	1.68	9.88	-58.800	-13	-45.8
6880	V	-63.636	1.81	11.15	-54.300	-13	-41.3

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band4 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH20175 /1732.5MHz, Bandwidth 1.4MHz							
3465	H	-68.436	1.33	7.65	-62.120	-13	-49.12
5197.5	H	-66.34	1.68	9.88	-58.140	-13	-45.14
6930	H	-61.396	1.81	11.15	-52.060	-13	-39.06
3465	V	-66.456	1.33	7.65	-60.140	-13	-47.14
5197.5	V	-66.01	1.68	9.88	-57.810	-13	-44.81
6930	V	-63.046	1.81	11.15	-53.710	-13	-40.71
QPSK, CH20175 /1732.5MHz, Bandwidth 3MHz							
3465	H	-68.276	1.33	7.65	-61.960	-13	-48.96
5197.5	H	-66.23	1.68	9.88	-58.030	-13	-45.03
6930	H	-61.826	1.81	11.15	-52.490	-13	-39.49
3465	V	-66.366	1.33	7.65	-60.050	-13	-47.05
5197.5	V	-66.14	1.68	9.88	-57.940	-13	-44.94
6930	V	-62.656	1.81	11.15	-53.320	-13	-40.32
QPSK, CH20175 /1732.5MHz, Bandwidth 5MHz							
3465	H	-68.366	1.33	7.65	-62.050	-13	-49.05
5197.5	H	-66.12	1.68	9.88	-57.920	-13	-44.92
6930	H	-61.896	1.81	11.15	-52.560	-13	-39.56
3465	V	-66.426	1.33	7.65	-60.110	-13	-47.11
5197.5	V	-67.07	1.68	9.88	-58.870	-13	-45.87
6930	V	-62.576	1.81	11.15	-53.240	-13	-40.24

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band4 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH20175 /1732.5MHz, Bandwidth 10MHz							
3465	H	-68.206	1.33	7.65	-61.890	-13	-48.89
5197.5	H	-66.31	1.68	9.88	-58.110	-13	-45.11
6930	H	-62.176	1.81	11.15	-52.840	-13	-39.84
3465	V	-65.336	1.33	7.65	-59.020	-13	-46.02
5197.5	V	-67.31	1.68	9.88	-59.110	-13	-46.11
6930	V	-62.286	1.81	11.15	-52.950	-13	-39.95
QPSK, CH20175 /1732.5MHz, Bandwidth 15MHz							
3465	H	-68.146	1.33	7.65	-61.830	-13	-48.83
5197.5	H	-65.91	1.68	9.88	-57.710	-13	-44.71
6930	H	-62.246	1.81	11.15	-52.910	-13	-39.91
3465	V	-65.386	1.33	7.65	-59.070	-13	-46.07
5197.5	V	-67.13	1.68	9.88	-58.930	-13	-45.93
6930	V	-62.346	1.81	11.15	-53.010	-13	-40.01
QPSK, CH20175 /1732.5MHz, Bandwidth 20MHz							
3465	H	-68.026	1.33	7.65	-61.710	-13	-48.71
5197.5	H	-65.88	1.68	9.88	-57.680	-13	-44.68
6930	H	-62.516	1.81	11.15	-53.180	-13	-40.18
3465	V	-65.476	1.33	7.65	-59.160	-13	-46.16
5197.5	V	-67.48	1.68	9.88	-59.280	-13	-46.28
6930	V	-61.846	1.81	11.15	-52.510	-13	-39.51

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band4 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH20393 / 1754.3MHz, Bandwidth 1.4MHz							
3508.6	H	-65.706	1.33	7.65	-59.390	-13	-46.39
5262.9	H	-66.75	1.68	9.88	-58.550	-13	-45.55
7017.2	H	-62.806	1.81	11.15	-53.470	-13	-40.47
3508.6	V	-65.396	1.33	7.65	-59.080	-13	-46.08
5262.9	V	-67.66	1.68	9.88	-59.460	-13	-46.46
7017.2	V	-63.566	1.81	11.15	-54.230	-13	-41.23
QPSK, CH20385 / 1753.5MHz, Bandwidth 3MHz							
3507	H	-66.016	1.33	7.65	-59.700	-13	-46.7
5260.5	H	-66.7	1.68	9.88	-58.500	-13	-45.5
7014	H	-62.666	1.81	11.15	-53.330	-13	-40.33
3507	V	-65.446	1.33	7.65	-59.130	-13	-46.13
5260.5	V	-67.48	1.68	9.88	-59.280	-13	-46.28
7014	V	-63.476	1.81	11.15	-54.140	-13	-41.14
QPSK, CH20375 / 1752.5MHz, Bandwidth 5MHz							
3505	H	-66.246	1.33	7.65	-59.930	-13	-46.93
5257.5	H	-66.82	1.68	9.88	-58.620	-13	-45.62
7010	H	-62.476	1.81	11.15	-53.140	-13	-40.14
3505	V	-65.536	1.33	7.65	-59.220	-13	-46.22
5257.5	V	-67.55	1.68	9.88	-59.350	-13	-46.35
7010	V	-63.596	1.81	11.15	-54.260	-13	-41.26

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band4 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH20350 / 1750MHz, Bandwidth 10MHz							
3500	H	-66.396	1.33	7.65	-60.080	-13	-47.08
5250	H	-66.89	1.68	9.88	-58.690	-13	-45.69
7000	H	-62.296	1.81	11.15	-52.960	-13	-39.96
3500	V	-65.336	1.33	7.65	-59.020	-13	-46.02
5250	V	-67.41	1.68	9.88	-59.210	-13	-46.21
7000	V	-63.316	1.81	11.15	-53.980	-13	-40.98
QPSK, CH20325 / 1747.5MHz, Bandwidth 15MHz							
3495	H	-66.986	1.33	7.65	-60.670	-13	-47.67
5242.5	H	-66.95	1.68	9.88	-58.750	-13	-45.75
6990	H	-62.016	1.81	11.15	-52.680	-13	-39.68
3495	V	-65.576	1.33	7.65	-59.260	-13	-46.26
5242.5	V	-67.24	1.68	9.88	-59.040	-13	-46.04
6990	V	-63.126	1.81	11.15	-53.790	-13	-40.79
QPSK, CH20300 / 1745MHz, Bandwidth 20MHz							
3490	H	-68.006	1.33	7.65	-61.690	-13	-48.69
5235	H	-66.97	1.68	9.88	-58.770	-13	-45.77
6980	H	-61.926	1.81	11.15	-52.590	-13	-39.59
3490	V	-65.606	1.33	7.65	-59.290	-13	-46.29
5235	V	-67.34	1.68	9.88	-59.140	-13	-46.14
6980	V	-62.666	1.81	11.15	-53.330	-13	-40.33

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band5 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH20407 / 824.7MHz, Bandwidth 1.4MHz							
1649.4	H	-52.954	1.05	5.02	-48.980	-13	-35.98
2474.1	H	-55.806	1.14	5.64	-51.310	-13	-38.31
3298.8	H	-63.692	1.32	7.12	-57.890	-13	-44.89
1649.4	V	-56.184	1.05	5.02	-52.210	-13	-39.21
2474.1	V	-57.086	1.14	5.64	-52.590	-13	-39.59
3298.8	V	-63.882	1.32	7.12	-58.080	-13	-45.08
QPSK, CH20415 / 825.5MHz, Bandwidth 3MHz							
1651	H	-51.594	1.05	5.02	-47.620	-13	-34.62
2476.5	H	-55.546	1.14	5.64	-51.050	-13	-38.05
3302	H	-64.172	1.32	7.12	-58.370	-13	-45.37
1651	V	-57.274	1.05	5.02	-53.300	-13	-40.3
2476.5	V	-56.956	1.14	5.64	-52.460	-13	-39.46
3302	V	-64.192	1.32	7.12	-58.390	-13	-45.39

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band5 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH20425 / 826.5MHz, Bandwidth 5MHz							
1653	H	-50.524	1.05	5.02	-46.550	-13	-33.55
2479.5	H	-55.456	1.14	5.64	-50.960	-13	-37.96
3306	H	-64.622	1.32	7.12	-58.820	-13	-45.82
1653	V	-58.134	1.05	5.02	-54.160	-13	-41.16
2479.5	V	-56.566	1.14	5.64	-52.070	-13	-39.07
3306	V	-64.432	1.32	7.12	-58.630	-13	-45.63
QPSK, CH20450 / 829MHz, Bandwidth 10MHz							
1658	H	-49.194	1.05	5.02	-45.220	-13	-32.22
2487	H	-55.326	1.14	5.64	-50.830	-13	-37.83
3316	H	-65.532	1.32	7.12	-59.730	-13	-46.73
1658	V	-58.614	1.05	5.02	-54.640	-13	-41.64
2487	V	-56.446	1.14	5.64	-51.950	-13	-38.95
3316	V	-64.642	1.32	7.12	-58.840	-13	-45.84

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band5 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH20525 / 836.5MHz, Bandwidth 1.4MHz							
1673	H	-52.154	1.05	5.02	-48.180	-13	-35.18
2509.5	H	-54.596	1.14	5.64	-50.100	-13	-37.1
3346	H	-64.492	1.32	7.12	-58.690	-13	-45.69
1673	V	-56.604	1.05	5.02	-52.630	-13	-39.63
2509.5	V	-58.866	1.14	5.64	-54.370	-13	-41.37
3346	V	-63.912	1.32	7.12	-58.110	-13	-45.11
QPSK, CH20525 / 836.5MHz, Bandwidth 3MHz							
1673	H	-52.224	1.05	5.02	-48.250	-13	-35.25
2509.5	H	-54.556	1.14	5.64	-50.060	-13	-37.06
3346	H	-64.652	1.32	7.12	-58.850	-13	-45.85
1673	V	-56.454	1.05	5.02	-52.480	-13	-39.48
2509.5	V	-58.786	1.14	5.64	-54.290	-13	-41.29
3346	V	-63.822	1.32	7.12	-58.020	-13	-45.02

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band5 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH20525 / 836.5MHz, Bandwidth 5MHz							
1673	H	-52.804	1.05	5.02	-48.830	-13	-35.83
2509.5	H	-54.376	1.14	5.64	-49.880	-13	-36.88
3346	H	-64.842	1.32	7.12	-59.040	-13	-46.04
1673	V	-53.344	1.05	5.02	-49.370	-13	-36.37
2509.5	V	-58.616	1.14	5.64	-54.120	-13	-41.12
3346	V	-64.252	1.32	7.12	-58.450	-13	-45.45
QPSK, CH20525 / 836.5MHz, Bandwidth 10MHz							
1673	H	-53.114	1.05	5.02	-49.140	-13	-36.14
2509.5	H	-53.946	1.14	5.64	-49.450	-13	-36.45
3346	H	-65.152	1.32	7.12	-59.350	-13	-46.35
1673	V	-49.404	1.05	5.02	-45.430	-13	-32.43
2509.5	V	-58.546	1.14	5.64	-54.050	-13	-41.05
3346	V	-64.602	1.32	7.12	-58.800	-13	-45.8

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band5 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH20643 / 848.3MHz, Bandwidth 1.4MHz							
1696.6	H	-50.654	1.05	5.02	-46.680	-13	-33.68
2544.9	H	-55.256	1.14	5.64	-50.760	-13	-37.76
3393.2	H	-60.412	1.32	7.12	-54.610	-13	-41.61
1696.6	V	-47.414	1.05	5.02	-43.440	-13	-30.44
2544.9	V	-65.666	1.14	5.64	-61.170	-13	-48.17
3393.2	V	-62.922	1.32	7.12	-57.120	-13	-44.12
QPSK, CH20635 / 847.5MHz, Bandwidth 3MHz							
1695	H	-50.404	1.05	5.02	-46.430	-13	-33.43
2542.5	H	-58.436	1.14	5.64	-53.940	-13	-40.94
3390	H	-62.382	1.32	7.12	-56.580	-13	-43.58
1695	V	-47.584	1.05	5.02	-43.610	-13	-30.61
2542.5	V	-64.976	1.14	5.64	-60.480	-13	-47.48
3390	V	-62.892	1.32	7.12	-57.090	-13	-44.09

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band5 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH20625 / 846.5MHz, Bandwidth 5MHz							
1693	H	-50.344	1.05	5.02	-46.370	-13	-33.37
2539.5	H	-63.216	1.14	5.64	-58.720	-13	-45.72
3386	H	-62.192	1.32	7.12	-56.390	-13	-43.39
1693	V	-48.044	1.05	5.02	-44.070	-13	-31.07
2539.5	V	-62.386	1.14	5.64	-57.890	-13	-44.89
3386	V	-63.182	1.32	7.12	-57.380	-13	-44.38
QPSK, CH20600 / 844MHz, Bandwidth 10MHz							
1688	H	-50.264	1.05	5.02	-46.290	-13	-33.29
2532	H	-66.516	1.14	5.64	-62.020	-13	-49.02
3376	H	-62.222	1.32	7.12	-56.420	-13	-43.42
1688	V	-48.274	1.05	5.02	-44.300	-13	-31.3
2532	V	-58.636	1.14	5.64	-54.140	-13	-41.14
3376	V	-63.402	1.32	7.12	-57.600	-13	-44.6

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band7 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH20775 / 2502.5MHz, Bandwidth 5MHz							
5005	H	-65.982	1.52	9.83	-57.670	-25	-32.67
7507.5	H	-64.75	1.78	11.79	-54.740	-25	-29.74
10010	H	-59.38	2.36	12.40	-49.340	-25	-24.34
5005	V	-66.912	1.52	9.83	-58.600	-25	-33.6
7507.5	V	-65.76	1.78	11.79	-55.750	-25	-30.75
10010	V	-60.6	2.36	12.40	-50.560	-25	-25.56
QPSK, CH20800 / 2505MHz, Bandwidth 10MHz							
5010	H	-66.272	1.52	9.83	-57.960	-25	-32.96
7515	H	-64.31	1.78	11.79	-54.300	-25	-29.3
10020	H	-59.23	2.36	12.40	-49.190	-25	-24.19
5010	V	-67.102	1.52	9.83	-58.790	-25	-33.79
7515	V	-65.79	1.78	11.79	-55.780	-25	-30.78
10020	V	-60.35	2.36	12.40	-50.310	-25	-25.31

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band7 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH20825 / 2507.5MHz, Bandwidth 15MHz							
5015	H	-66.542	1.52	9.83	-58.230	-25	-33.23
7522.5	H	-63.56	1.78	11.79	-53.550	-25	-28.55
10030	H	-59	2.36	12.40	-48.960	-25	-23.96
5015	V	-67.842	1.52	9.83	-59.530	-25	-34.53
7522.5	V	-65.58	1.78	11.79	-55.570	-25	-30.57
10030	V	-60.18	2.36	12.40	-50.140	-25	-25.14
QPSK, CH20850 / 2510MHz, Bandwidth 20MHz							
5020	H	-66.802	1.52	9.83	-58.490	-25	-33.49
7530	H	-63.76	1.78	11.79	-53.750	-25	-28.75
10040	H	-58.8	2.36	12.40	-48.760	-25	-23.76
5020	V	-67.972	1.52	9.83	-59.660	-25	-34.66
7530	V	-65.41	1.78	11.79	-55.400	-25	-30.4
10040	V	-59.99	2.36	12.40	-49.950	-25	-24.95

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band7 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH21100 / 2535MHz, Bandwidth 5MHz							
5070	H	-66.632	1.52	9.83	-58.320	-25	-33.32
7605	H	-62.84	1.78	11.79	-52.830	-25	-27.83
10140	H	-60.03	2.36	12.40	-49.990	-25	-24.99
5070	V	-67.402	1.52	9.83	-59.090	-25	-34.09
7605	V	-62.76	1.78	11.79	-52.750	-25	-27.75
10140	V	-61.63	2.36	12.40	-51.590	-25	-26.59
QPSK, CH21100 / 2535MHz, Bandwidth 10MHz							
5070	H	-66.432	1.52	9.83	-58.120	-25	-33.12
7605	H	-62.97	1.78	11.79	-52.960	-25	-27.96
10140	H	-59.81	2.36	12.40	-49.770	-25	-24.77
5070	V	-67.262	1.52	9.83	-58.950	-25	-33.95
7605	V	-62.52	1.78	11.79	-52.510	-25	-27.51
10140	V	-61.41	2.36	12.40	-51.370	-25	-26.37

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band7 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH21100 / 2535MHz, Bandwidth 15MHz							
5070	H	-66.102	1.52	9.83	-57.790	-25	-32.79
7605	H	-63.36	1.78	11.79	-53.350	-25	-28.35
10140	H	-59.6	2.36	12.40	-49.560	-25	-24.56
5070	V	-66.452	1.52	9.83	-58.140	-25	-33.14
7605	V	-62.1	1.78	11.79	-52.090	-25	-27.09
10140	V	-61.15	2.36	12.40	-51.110	-25	-26.11
QPSK, CH21100 / 2535MHz, Bandwidth 20MHz							
5070	H	-66.062	1.52	9.83	-57.750	-25	-32.75
7605	H	-63.4	1.78	11.79	-53.390	-25	-28.39
10140	H	-59.23	2.36	12.40	-49.190	-25	-24.19
5070	V	-66.702	1.52	9.83	-58.390	-25	-33.39
7605	V	-61.88	1.78	11.79	-51.870	-25	-26.87
10140	V	-61	2.36	12.40	-50.960	-25	-25.96

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band7 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH21425 / 2567.5MHz, Bandwidth 5MHz							
5135	H	-66.812	1.52	9.83	-58.500	-25	-33.5
7702.5	H	-61.71	1.78	11.79	-51.700	-25	-26.7
10270	H	-58.82	2.36	12.40	-48.780	-25	-23.78
5135	V	-66.872	1.52	9.83	-58.560	-25	-33.56
7702.5	V	-60.78	1.78	11.79	-50.770	-25	-25.77
10270	V	-60.19	2.36	12.40	-50.150	-25	-25.15
QPSK, CH21400 / 2565MHz, Bandwidth 10MHz							
5130	H	-66.762	1.52	9.83	-58.450	-25	-33.45
7695	H	-61.92	1.78	11.79	-51.910	-25	-26.91
10260	H	-58.75	2.36	12.40	-48.710	-25	-23.71
5130	V	-66.822	1.52	9.83	-58.510	-25	-33.51
7695	V	-61.48	1.78	11.79	-51.470	-25	-26.47
10260	V	-59.96	2.36	12.40	-49.920	-25	-24.92

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band7 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH21375 / 2562.5MHz, Bandwidth 15MHz							
5125	H	-66.642	1.52	9.83	-58.330	-25	-33.33
7687.5	H	-62.11	1.78	11.79	-52.100	-25	-27.1
10250	H	-58.69	2.36	12.40	-48.650	-25	-23.65
5125	V	-66.782	1.52	9.83	-58.470	-25	-33.47
7687.5	V	-62.7	1.78	11.79	-52.690	-25	-27.69
10250	V	-59.79	2.36	12.40	-49.750	-25	-24.75
QPSK, CH21350 / 2560MHz, Bandwidth 20MHz							
5120	H	-66.702	1.52	9.83	-58.390	-25	-33.39
7680	H	-62.59	1.78	11.79	-52.580	-25	-27.58
10240	H	-58.64	2.36	12.40	-48.600	-25	-23.6
5120	V	-66.742	1.52	9.83	-58.430	-25	-33.43
7680	V	-63.69	1.78	11.79	-53.680	-25	-28.68
10240	V	-59.73	2.36	12.40	-49.690	-25	-24.69

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band12 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH23017 / 699.7MHz, Bandwidth 1.4MHz							
1399.4	H	-56.964	1.02	4.75	-53.230	-13	-40.23
2099.1	H	-61.302	1.16	4.74	-57.720	-13	-44.72
2798.8	H	-60.158	1.27	6.44	-54.990	-13	-41.99
1399.4	V	-57.174	1.02	4.75	-53.440	-13	-40.44
2099.1	V	-58.582	1.16	4.74	-55.000	-13	-42
2798.8	V	-64.368	1.27	6.44	-59.200	-13	-46.2
QPSK, CH23025 / 700.5MHz, Bandwidth 3MHz							
1401	H	-59.374	1.02	4.75	-55.640	-13	-42.64
2101.5	H	-63.512	1.16	4.74	-59.930	-13	-46.93
2802	H	-60.758	1.27	6.44	-55.590	-13	-42.59
1401	V	-57.104	1.02	4.75	-53.370	-13	-40.37
2101.5	V	-59.322	1.16	4.74	-55.740	-13	-42.74
2802	V	-64.248	1.27	6.44	-59.080	-13	-46.08

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band12 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH23035 / 701.5MHz, Bandwidth 5MHz							
1403	H	-60.444	1.02	4.75	-56.710	-13	-43.71
2104.5	H	-63.942	1.16	4.74	-60.360	-13	-47.36
2806	H	-61.348	1.27	6.44	-56.180	-13	-43.18
1403	V	-57.044	1.02	4.75	-53.310	-13	-40.31
2104.5	V	-60.512	1.16	4.74	-56.930	-13	-43.93
2806	V	-64.278	1.27	6.44	-59.110	-13	-46.11
QPSK, CH23060 / 704MHz, Bandwidth 10MHz							
1408	H	-61.324	1.02	4.75	-57.590	-13	-44.59
2112	H	-64.582	1.16	4.74	-61.000	-13	-48
2816	H	-61.678	1.27	6.44	-56.510	-13	-43.51
1408	V	-57.074	1.02	4.75	-53.340	-13	-40.34
2112	V	-61.152	1.16	4.74	-57.570	-13	-44.57
2816	V	-64.138	1.27	6.44	-58.970	-13	-45.97

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band12 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH23095 / 707.5MHz, Bandwidth 1.4MHz							
1415	H	-57.614	1.02	4.75	-53.880	-13	-40.88
2122.5	H	-61.842	1.16	4.74	-58.260	-13	-45.26
2830	H	-61.388	1.27	6.44	-56.220	-13	-43.22
1415	V	-61.234	1.02	4.75	-57.500	-13	-44.5
2122.5	V	-61.922	1.16	4.74	-58.340	-13	-45.34
2830	V	-64.608	1.27	6.44	-59.440	-13	-46.44
QPSK, CH23095 / 707.5MHz, Bandwidth 3MHz							
1415	H	-57.894	1.02	4.75	-54.160	-13	-41.16
2122.5	H	-61.872	1.16	4.74	-58.290	-13	-45.29
2830	H	-61.338	1.27	6.44	-56.170	-13	-43.17
1415	V	-61.264	1.02	4.75	-57.530	-13	-44.53
2122.5	V	-58.272	1.16	4.74	-54.690	-13	-41.69
2830	V	-64.398	1.27	6.44	-59.230	-13	-46.23

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band12 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH23095 / 707.5MHz, Bandwidth 5MHz							
1415	H	-59.524	1.02	4.75	-55.790	-13	-42.79
2122.5	H	-61.822	1.16	4.74	-58.240	-13	-45.24
2830	H	-61.288	1.27	6.44	-56.120	-13	-43.12
1415	V	-61.224	1.02	4.75	-57.490	-13	-44.49
2122.5	V	-55.892	1.16	4.74	-52.310	-13	-39.31
2830	V	-64.138	1.27	6.44	-58.970	-13	-45.97
QPSK, CH23095 / 707.5MHz, Bandwidth 10MHz							
1415	H	-59.714	1.02	4.75	-55.980	-13	-42.98
2122.5	H	-61.832	1.16	4.74	-58.250	-13	-45.25
2830	H	-61.238	1.27	6.44	-56.070	-13	-43.07
1415	V	-55.404	1.02	4.75	-51.670	-13	-38.67
2122.5	V	-55.572	1.16	4.74	-51.990	-13	-38.99
2830	V	-64.058	1.27	6.44	-58.890	-13	-45.89

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band12 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH23173 / 715.3MHz, Bandwidth 1.4MHz							
1430.6	H	-57.944	1.02	4.75	-54.210	-13	-41.21
2145.9	H	-60.862	1.16	4.74	-57.280	-13	-44.28
2861.2	H	-55.178	1.27	6.44	-50.010	-13	-37.01
1430.6	V	-55.214	1.02	4.75	-51.480	-13	-38.48
2145.9	V	-58.512	1.16	4.74	-54.930	-13	-41.93
2861.2	V	-59.788	1.27	6.44	-54.620	-13	-41.62
QPSK, CH23165 / 714.5MHz, Bandwidth 3MHz							
1429	H	-57.984	1.02	4.75	-54.250	-13	-41.25
2143.5	H	-61.152	1.16	4.74	-57.570	-13	-44.57
2858	H	-59.078	1.27	6.44	-53.910	-13	-40.91
1429	V	-55.284	1.02	4.75	-51.550	-13	-38.55
2143.5	V	-58.302	1.16	4.74	-54.720	-13	-41.72
2858	V	-61.138	1.27	6.44	-55.970	-13	-42.97

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band12 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH23155 / 713.5MHz, Bandwidth 5MHz							
1427	H	-58.094	1.02	4.75	-54.360	-13	-41.36
2140.5	H	-61.722	1.16	4.74	-58.140	-13	-45.14
2854	H	-60.438	1.27	6.44	-55.270	-13	-42.27
1427	V	-55.354	1.02	4.75	-51.620	-13	-38.62
2140.5	V	-56.522	1.16	4.74	-52.940	-13	-39.94
2854	V	-61.638	1.27	6.44	-56.470	-13	-43.47
QPSK, CH23130 / 711MHz, Bandwidth 10MHz							
1422	H	-59.054	1.02	4.75	-55.320	-13	-42.32
2133	H	-62.192	1.16	4.74	-58.610	-13	-45.61
2844	H	-61.048	1.27	6.44	-55.880	-13	-42.88
1422	V	-55.594	1.02	4.75	-51.860	-13	-38.86
2133	V	-56.882	1.16	4.74	-53.300	-13	-40.3
2844	V	-63.148	1.27	6.44	-57.980	-13	-44.98

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band13 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH23205 / 779.5MHz, Bandwidth 5MHz							
1559	H	-56.575	1.03	5.41	-52.200	-13	-39.2
2338.5	H	-63.736	1.14	5.29	-59.590	-13	-46.59
3118	H	-49.71	1.26	6.70	-44.270	-13	-31.27
1559	V	-55.895	1.03	5.41	-51.520	-13	-38.52
2338.5	V	-63.076	1.14	5.29	-58.930	-13	-45.93
3118	V	-57.88	1.26	6.70	-52.440	-13	-39.44

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band13 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH23230 / 782MHz, Bandwidth 5MHz							
1564	H	-57.705	1.03	5.41	-53.330	-13	-40.33
2346	H	-64.386	1.14	5.29	-60.240	-13	-47.24
3128	H	-51.25	1.26	6.70	-45.810	-13	-32.81
1564	V	-55.785	1.03	5.41	-51.410	-13	-38.41
2346	V	-62.896	1.14	5.29	-58.750	-13	-45.75
3128	V	-56.03	1.26	6.70	-50.590	-13	-37.59
QPSK, CH23230 / 782MHz, Bandwidth 10MHz							
1564	H	-57.305	1.03	5.41	-52.930	-13	-39.93
2346	H	-64.436	1.14	5.29	-60.290	-13	-47.29
3128	H	-56.91	1.26	6.70	-51.470	-13	-38.47
1564	V	-56.725	1.03	5.41	-52.350	-13	-39.35
2346	V	-64.006	1.14	5.29	-59.860	-13	-46.86
3128	V	-57.75	1.26	6.70	-52.310	-13	-39.31

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band13 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH23255 / 784.5MHz, Bandwidth 5MHz							
1569	H	-57.765	1.03	5.41	-53.390	-13	-40.39
2353.5	H	-64.766	1.14	5.29	-60.620	-13	-47.62
3138	H	-50.41	1.26	6.70	-44.970	-13	-31.97
1569	V	-56.985	1.03	5.41	-52.610	-13	-39.61
2353.5	V	-64.476	1.14	5.29	-60.330	-13	-47.33
3138	V	-57.71	1.26	6.70	-52.270	-13	-39.27

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band26 (Low Channel)_FCC Part90S (814MHz-824MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH26697 / 814.7MHz, Bandwidth 1.4MHz							
1629.4	H	-58.237	1.05	5.19	-54.100	-13	-41.1
2444.1	H	-55.41	1.11	5.49	-51.030	-13	-38.03
3258.8	H	-64.328	1.31	6.75	-58.890	-13	-45.89
1629.4	V	-55.567	1.05	5.19	-51.430	-13	-38.43
2444.1	V	-56.1	1.11	5.49	-51.720	-13	-38.72
3258.8	V	-65.648	1.31	6.75	-60.210	-13	-47.21
QPSK, CH26705 / 815.5MHz, Bandwidth 3MHz							
1631	H	-57.597	1.05	5.19	-53.460	-13	-40.46
2446.5	H	-55.59	1.11	5.49	-51.210	-13	-38.21
3262	H	-63.968	1.31	6.75	-58.530	-13	-45.53
1631	V	-56.817	1.05	5.19	-52.680	-13	-39.68
2446.5	V	-56.85	1.11	5.49	-52.470	-13	-39.47
3262	V	-65.628	1.31	6.75	-60.190	-13	-47.19

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band26 (Low Channel)_FCC Part90S (814MHz-824MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH26715 / 816.5MHz, Bandwidth 5MHz							
1633	H	-52.077	1.05	5.19	-47.940	-13	-34.94
2449.5	H	-55.73	1.11	5.49	-51.350	-13	-38.35
3266	H	-63.528	1.31	6.75	-58.090	-13	-45.09
1633	V	-59.257	1.05	5.19	-55.120	-13	-42.12
2449.5	V	-57.84	1.11	5.49	-53.460	-13	-40.46
3266	V	-65.488	1.31	6.75	-60.050	-13	-47.05
QPSK, CH26765 / 821.5MHz, Bandwidth 15MHz							
1643	H	-51.9	1.05	5.13	-47.820	-13	-34.82
2464.5	H	-56.01	1.10	5.52	-51.590	-13	-38.59
3286	H	-63.35	1.31	6.82	-57.840	-13	-44.84
1643	V	-60.81	1.05	5.13	-56.730	-13	-43.73
2464.5	V	-58.83	1.10	5.52	-54.410	-13	-41.41
3286	V	-65.65	1.31	6.82	-60.140	-13	-47.14

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band26 (Mid Channel)_FCC Part90S (814MHz-824MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH26740 / 819MHz, Bandwidth 1.4MHz							
1638	H	-59.267	1.05	5.19	-55.130	-13	-42.13
2457	H	-56.52	1.11	5.49	-52.140	-13	-39.14
3276	H	-62.96	1.31	6.80	-57.470	-13	-44.47
1638	V	-56.877	1.05	5.19	-52.740	-13	-39.74
2457	V	-58.5	1.11	5.49	-54.120	-13	-41.12
3276	V	-65.32	1.31	6.80	-59.830	-13	-46.83
QPSK, CH26740 / 819MHz, Bandwidth 3MHz							
1638	H	-59.487	1.05	5.19	-55.350	-13	-42.35
2457	H	-57.28	1.11	5.49	-52.900	-13	-39.9
3276	H	-62.33	1.31	6.80	-56.840	-13	-43.84
1638	V	-60.327	1.05	5.19	-56.190	-13	-43.19
2457	V	-59.01	1.11	5.49	-54.630	-13	-41.63
3276	V	-65.26	1.31	6.80	-59.770	-13	-46.77

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band26 (Mid Channel)_FCC Part90S (814MHz-824MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH26740 / 819MHz, Bandwidth 5MHz							
1638	H	-60.267	1.05	5.19	-56.130	-13	-43.13
2457	H	-57.76	1.11	5.49	-53.380	-13	-40.38
3276	H	-61.6	1.31	6.80	-56.110	-13	-43.11
1638	V	-60.377	1.05	5.19	-56.240	-13	-43.24
2457	V	-59.36	1.11	5.49	-54.980	-13	-41.98
3276	V	-65.19	1.31	6.80	-59.700	-13	-46.7
QPSK, CH26740 / 819MHz, Bandwidth 10MHz							
1638	H	-60.567	1.05	5.19	-56.430	-13	-43.43
2457	H	-58.09	1.11	5.49	-53.710	-13	-40.71
3276	H	-61.34	1.31	6.80	-55.850	-13	-42.85
1638	V	-58.177	1.05	5.19	-54.040	-13	-41.04
2457	V	-60.2	1.11	5.49	-55.820	-13	-42.82
3276	V	-65.15	1.31	6.80	-59.660	-13	-46.66

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band26 (High Channel)_FCC Part90S (814MHz-824MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH26783 / 823.3MHz, Bandwidth 1.4MHz							
1646.6	H	-53.74	1.05	5.13	-49.660	-13	-36.66
2469.9	H	-56.09	1.11	5.50	-51.700	-13	-38.7
3293.2	H	-64.57	1.31	6.90	-58.980	-13	-45.98
1646.6	V	-58.51	1.05	5.13	-54.430	-13	-41.43
2469.9	V	-58.79	1.11	5.50	-54.400	-13	-41.4
3293.2	V	-64.4	1.31	6.90	-58.810	-13	-45.81
QPSK, CH26775 / 822.5MHz, Bandwidth 3MHz							
1645	H	-58.43	1.05	5.13	-54.350	-13	-41.35
2467.5	H	-56.03	1.11	5.50	-51.640	-13	-38.64
3290	H	-64.42	1.31	6.90	-58.830	-13	-45.83
1645	V	-59.06	1.05	5.13	-54.980	-13	-41.98
2467.5	V	-58.74	1.11	5.50	-54.350	-13	-41.35
3290	V	-65.4	1.31	6.90	-59.810	-13	-46.81
QPSK, CH26775 / 822.5MHz, Bandwidth 5MHz							
1643	H	-61.98	1.05	5.13	-57.900	-13	-44.9
2464.5	H	-55.96	1.11	5.50	-51.570	-13	-38.57
3286	H	-64.58	1.31	6.90	-58.990	-13	-45.99
1643	V	-59.72	1.05	5.13	-55.640	-13	-42.64
2464.5	V	-58.49	1.11	5.50	-54.100	-13	-41.1
3286	V	-66	1.31	6.90	-60.410	-13	-47.41

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band26 (Low Channel)_FCC Part22H (824MHz-849MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH26797 / 824.7MHz, Bandwidth 1.4MHz							
1649.4	H	-57.71	1.05	5.13	-53.630	-13	-40.63
2474.1	H	-55.65	1.14	5.56	-51.230	-13	-38.23
3298.8	H	-65.65	1.29	6.90	-60.040	-13	-47.04
1649.4	V	-58.81	1.05	5.13	-54.730	-13	-41.73
2474.1	V	-56.2	1.14	5.56	-51.780	-13	-38.78
3298.8	V	-65.33	1.29	6.90	-59.720	-13	-46.72
QPSK, CH26805 / 825.5MHz, Bandwidth 3MHz							
1651	H	-58.617	1.05	5.19	-54.480	-13	-41.48
2476.5	H	-55.47	1.11	5.49	-51.090	-13	-38.09
3302	H	-65.298	1.31	6.75	-59.860	-13	-46.86
1651	V	-58.967	1.05	5.19	-54.830	-13	-41.83
2476.5	V	-56.85	1.11	5.49	-52.470	-13	-39.47
3302	V	-65.048	1.31	6.75	-59.610	-13	-46.61
QPSK, CH26815 / 826.5MHz, Bandwidth 5MHz							
1653	H	-59.747	1.05	5.19	-55.610	-13	-42.61
2479.5	H	-55.4	1.11	5.49	-51.020	-13	-38.02
3306	H	-65.088	1.31	6.75	-59.650	-13	-46.65
1653	V	-59.317	1.05	5.19	-55.180	-13	-42.18
2479.5	V	-57.43	1.11	5.49	-53.050	-13	-40.05
3306	V	-64.768	1.31	6.75	-59.330	-13	-46.33

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band26 (Low Channel)_FCC Part22H (824MHz-849MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH26840 / 829MHz, Bandwidth 10MHz							
1658	H	-60.99	1.05	5.08	-56.960	-13	-43.96
2487	H	-55.37	1.14	5.56	-50.950	-13	-37.95
3316	H	-65.23	1.31	6.97	-59.570	-13	-46.57
1658	V	-59.59	1.05	5.08	-55.560	-13	-42.56
2487	V	-59.09	1.14	5.56	-54.670	-13	-41.67
3316	V	-64.87	1.31	6.97	-59.210	-13	-46.21
QPSK, CH26865 / 831.5MHz, Bandwidth 15MHz							
1663	H	-61.11	1.05	5.08	-57.080	-13	-44.08
2494.5	H	-55.06	1.14	5.56	-50.640	-13	-37.64
3326	H	-65.08	1.31	6.97	-59.420	-13	-46.42
1663	V	-59.36	1.05	5.08	-55.330	-13	-42.33
2494.5	V	-59.52	1.14	5.56	-55.100	-13	-42.1
3326	V	-64.71	1.31	6.97	-59.050	-13	-46.05

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band26 (Mid Channel)_FCC Part22H (824MHz-849MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH26915 / 836.5MHz, Bandwidth 1.4MHz							
1673	H	-59.37	1.10	5.02	-55.450	-13	-42.45
2509.5	H	-57.69	1.14	5.64	-53.190	-13	-40.19
3346	H	-64.99	1.32	7.12	-59.190	-13	-46.19
1673	V	-52.05	1.10	5.02	-48.130	-13	-35.13
2509.5	V	-57.61	1.14	5.64	-53.110	-13	-40.11
3346	V	-64.52	1.32	7.12	-58.720	-13	-45.72
QPSK, CH26915 / 836.5MHz, Bandwidth 3MHz							
1673	H	-59.5	1.10	5.02	-55.580	-13	-42.58
2509.5	H	-57.47	1.14	5.64	-52.970	-13	-39.97
3346	H	-65.05	1.32	7.12	-59.250	-13	-46.25
1673	V	-53.81	1.10	5.02	-49.890	-13	-36.89
2509.5	V	-57.67	1.14	5.64	-53.170	-13	-40.17
3346	V	-64.68	1.32	7.12	-58.880	-13	-45.88
QPSK, CH26915 / 836.5MHz, Bandwidth 5MHz							
1673	H	-60.21	1.10	5.02	-56.290	-13	-43.29
2509.5	H	-57.24	1.14	5.64	-52.740	-13	-39.74
3346	H	-65.13	1.32	7.12	-59.330	-13	-46.33
1673	V	-55.6	1.10	5.02	-51.680	-13	-38.68
2509.5	V	-57.71	1.14	5.64	-53.210	-13	-40.21
3346	V	-64.76	1.32	7.12	-58.960	-13	-45.96

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band26 (Mid Channel)_FCC Part22H (824MHz-849MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH26915 / 836.5MHz, Bandwidth 10MHz							
1673	H	-60.25	1.10	5.02	-56.330	-13	-43.33
2509.5	H	-57.13	1.14	5.64	-52.630	-13	-39.63
3346	H	-65.29	1.32	7.12	-59.490	-13	-46.49
1673	V	-58.1	1.10	5.02	-54.180	-13	-41.18
2509.5	V	-57.74	1.14	5.64	-53.240	-13	-40.24
3346	V	-64.73	1.32	7.12	-58.930	-13	-45.93
QPSK, CH26915 / 836.5MHz, Bandwidth 15MHz							
1673	H	-60.77	1.10	5.02	-56.850	-13	-43.85
2509.5	H	-56.87	1.14	5.64	-52.370	-13	-39.37
3346	H	-65.72	1.32	7.12	-59.920	-13	-46.92
1673	V	-57.27	1.10	5.02	-53.350	-13	-40.35
2509.5	V	-58.09	1.14	5.64	-53.590	-13	-40.59
3346	V	-64.98	1.32	7.12	-59.180	-13	-46.18

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band26 (High Channel)_FCC Part22H (824MHz-849MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH27033 / 848.3MHz, Bandwidth 1.4MHz							
1696.6	H	-50.36	1.10	4.97	-46.490	-13	-33.49
2544.9	H	-66.88	1.11	5.73	-62.260	-13	-49.26
3393.2	H	-62.74	1.39	7.35	-56.780	-13	-43.78
1696.6	V	-45.19	1.10	4.97	-41.320	-13	-28.32
2544.9	V	-65.82	1.11	5.73	-61.200	-13	-48.2
3393.2	V	-62.52	1.39	7.35	-56.560	-13	-43.56
QPSK, CH27025 / 847.5MHz, Bandwidth 3MHz							
1695	H	-51.37	1.10	4.97	-47.500	-13	-34.5
2542.5	H	-67	1.11	5.73	-62.380	-13	-49.38
3390	H	-62.59	1.39	7.35	-56.630	-13	-43.63
1695	V	-45.34	1.10	4.97	-41.470	-13	-28.47
2542.5	V	-65.84	1.11	5.73	-61.220	-13	-48.22
3390	V	-62.82	1.39	7.35	-56.860	-13	-43.86
QPSK, CH27015 / 846.5MHz, Bandwidth 5MHz							
1693	H	-52.58	1.10	4.97	-48.710	-13	-35.71
2539.5	H	-67.11	1.11	5.73	-62.490	-13	-49.49
3386	H	-62.51	1.39	7.35	-56.550	-13	-43.55
1693	V	-45.4	1.10	4.97	-41.530	-13	-28.53
2539.5	V	-65.87	1.11	5.73	-61.250	-13	-48.25
3386	V	-63.74	1.39	7.35	-57.780	-13	-44.78

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band26 (High Channel)_FCC Part22H (824MHz-849MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH26990 / 844MHz, Bandwidth 10MHz							
1688	H	-52.89	1.10	4.97	-49.020	-13	-36.02
2532	H	-67.14	1.11	5.73	-62.520	-13	-49.52
3376	H	-62.34	1.39	7.35	-56.380	-13	-43.38
1688	V	-45.43	1.10	4.97	-41.560	-13	-28.56
2532	V	-65.91	1.11	5.73	-61.290	-13	-48.29
3376	V	-64	1.39	7.35	-58.040	-13	-45.04
QPSK, CH26965 / 841.5MHz, Bandwidth 15MHz							
1683	H	-54.01	1.10	4.97	-50.140	-13	-37.14
2524.5	H	-67.29	1.11	5.73	-62.670	-13	-49.67
3366	H	-62.08	1.39	7.35	-56.120	-13	-43.12
1683	V	-45.07	1.10	4.97	-41.200	-13	-28.2
2524.5	V	-66.05	1.11	5.73	-61.430	-13	-48.43
3366	V	-64.42	1.39	7.35	-58.460	-13	-45.46

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band30 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH27685 / 2307.5MHz, Bandwidth 5MHz							
4615	H	-66.245	1.46	9.05	-58.660	-13	-45.66
6922.5	H	-58.036	1.81	11.15	-48.700	-13	-35.7
9230	H	-63.539	1.66	12.51	-52.690	-13	-39.69
4615	V	-65.685	1.46	9.05	-58.100	-13	-45.1
6922.5	V	-55.366	1.81	11.15	-46.030	-13	-33.03
9230	V	-64.299	1.66	12.51	-53.450	-13	-40.45

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band30 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH27710 / 2310MHz, Bandwidth 5MHz							
4620	H	-64.635	1.46	9.05	-57.050	-13	-44.05
6930	H	-57.376	1.81	11.15	-48.040	-13	-35.04
9240	H	-62.369	1.66	12.51	-51.520	-13	-38.52
4620	V	-66.175	1.46	9.05	-58.590	-13	-45.59
6930	V	-55.156	1.81	11.15	-45.820	-13	-32.82
9240	V	-64.849	1.66	12.51	-54.000	-13	-41
QPSK, CH27710 / 2310MHz, Bandwidth 10MHz							
4620	H	-65.755	1.46	9.05	-58.170	-13	-45.17
6930	H	-58.686	1.81	11.15	-49.350	-13	-36.35
9240	H	-61.759	1.66	12.51	-50.910	-13	-37.91
4620	V	-66.385	1.46	9.05	-58.800	-13	-45.8
6930	V	-55.126	1.81	11.15	-45.790	-13	-32.79
9240	V	-64.689	1.66	12.51	-53.840	-13	-40.84

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band30 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH27735 / 2312.5MHz, Bandwidth 5MHz							
4625	H	-67.045	1.46	9.05	-59.460	-13	-46.46
6937.5	H	-59.676	1.81	11.15	-50.340	-13	-37.34
9250	H	-62.819	1.66	12.51	-51.970	-13	-38.97
4625	V	-66.735	1.46	9.05	-59.150	-13	-46.15
6937.5	V	-54.736	1.81	11.15	-45.400	-13	-32.4
9250	V	-63.749	1.66	12.51	-52.900	-13	-39.9

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band41 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH39675 / 2498.5MHz, Bandwidth 5MHz							
4997	H	-64.768	1.59	9.79	-56.570	-25	-31.57
7495.5	H	-62.338	1.97	11.70	-52.610	-25	-27.61
9994	H	-57.92	1.87	12.40	-47.390	-25	-22.39
4997	V	-64.648	1.59	9.79	-56.450	-25	-31.45
7495.5	V	-62.648	1.97	11.70	-52.920	-25	-27.92
9994	V	-59.45	1.87	12.40	-48.920	-25	-23.92
QPSK, CH39700 / 2501MHz, Bandwidth 10MHz							
5002	H	-64.678	1.59	9.79	-56.480	-25	-31.48
7503	H	-62.668	1.97	11.70	-52.940	-25	-27.94
10004	H	-57.61	1.87	12.40	-47.080	-25	-22.08
5002	V	-64.718	1.59	9.79	-56.520	-25	-31.52
7503	V	-62.598	1.97	11.70	-52.870	-25	-27.87
10004	V	-59.26	1.87	12.40	-48.730	-25	-23.73

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band41 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH39725 / 2503.5MHz, Bandwidth 15MHz							
5007	H	-64.328	1.59	9.79	-56.130	-25	-31.13
7510.5	H	-62.728	1.97	11.70	-53.000	-25	-28
10014	H	-57.47	1.87	12.40	-46.940	-25	-21.94
5007	V	-65.378	1.59	9.79	-57.180	-25	-32.18
7510.5	V	-62.538	1.97	11.70	-52.810	-25	-27.81
10014	V	-58.87	1.87	12.40	-48.340	-25	-23.34
QPSK, CH39750 / 2506MHz, Bandwidth 20MHz							
5012	H	-64.118	1.59	9.79	-55.920	-25	-30.92
7518	H	-62.788	1.97	11.70	-53.060	-25	-28.06
10024	H	-57.32	1.87	12.40	-46.790	-25	-21.79
5012	V	-65.638	1.59	9.79	-57.440	-25	-32.44
7518	V	-62.568	1.97	11.70	-52.840	-25	-27.84
10024	V	-58.42	1.87	12.40	-47.890	-25	-22.89

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band41 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH40620 / 2593MHz, Bandwidth 5MHz							
5186	H	-65.223	1.68	9.87	-57.030	-25	-32.03
7779	H	-60.91	1.78	11.94	-50.750	-25	-25.75
10372	H	-57.2	2.36	12.40	-47.160	-25	-22.16
5186	V	-65.083	1.68	9.87	-56.890	-25	-31.89
7779	V	-61.7	1.78	11.94	-51.540	-25	-26.54
10372	V	-56.53	2.36	12.40	-46.490	-25	-21.49
QPSK, CH40620 / 2593MHz, Bandwidth 10MHz							
5186	H	-64.323	1.68	9.87	-56.130	-25	-31.13
7779	H	-60.94	1.78	11.94	-50.780	-25	-25.78
10372	H	-57.38	2.36	12.40	-47.340	-25	-22.34
5186	V	-64.863	1.68	9.87	-56.670	-25	-31.67
7779	V	-61.51	1.78	11.94	-51.350	-25	-26.35
10372	V	-56.9	2.36	12.40	-46.860	-25	-21.86

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band41 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH40620 / 2593MHz, Bandwidth 15MHz							
5186	H	-64.053	1.68	9.87	-55.860	-25	-30.86
7779	H	-60.99	1.78	11.94	-50.830	-25	-25.83
10372	H	-57.79	2.36	12.40	-47.750	-25	-22.75
5186	V	-64.733	1.68	9.87	-56.540	-25	-31.54
7779	V	-61.28	1.78	11.94	-51.120	-25	-26.12
10372	V	-58	2.36	12.40	-47.960	-25	-22.96
QPSK, CH40620 / 2593MHz, Bandwidth 20MHz							
5186	H	-63.763	1.68	9.87	-55.570	-25	-30.57
7779	H	-60.98	1.78	11.94	-50.820	-25	-25.82
10372	H	-57.87	2.36	12.40	-47.830	-25	-22.83
5186	V	-64.603	1.68	9.87	-56.410	-25	-31.41
7779	V	-61.25	1.78	11.94	-51.090	-25	-26.09
10372	V	-57.78	2.36	12.40	-47.740	-25	-22.74

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band41 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH41565 / 2687.5MHz, Bandwidth 5MHz							
5375	H	-64.699	1.67	10.01	-56.360	-25	-31.36
8062.5	H	-61.068	2.06	12.26	-50.870	-25	-25.87
10750	H	-55.966	2.88	12.41	-46.440	-25	-21.44
5375	V	-65.439	1.67	10.01	-57.100	-25	-32.1
8062.5	V	-61.438	2.06	12.26	-51.240	-25	-26.24
10750	V	-55.256	2.88	12.41	-45.730	-25	-20.73
QPSK, CH41540 / 2685MHz, Bandwidth 10MHz							
5370	H	-64.749	1.67	10.01	-56.410	-25	-31.41
8055	H	-60.578	2.06	12.26	-50.380	-25	-25.38
10740	H	-55.996	2.88	12.41	-46.470	-25	-21.47
5370	V	-65.369	1.67	10.01	-57.030	-25	-32.03
8055	V	-61.148	2.06	12.26	-50.950	-25	-25.95
10740	V	-56.916	2.88	12.41	-47.390	-25	-22.39

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band41 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH41515 / 2682.5MHz, Bandwidth 15MHz							
5365	H	-65.089	1.67	10.01	-56.750	-25	-31.75
8047.5	H	-60.258	2.06	12.26	-50.060	-25	-25.06
10730	H	-56.076	2.88	12.41	-46.550	-25	-21.55
5365	V	-65.119	1.67	10.01	-56.780	-25	-31.78
8047.5	V	-60.768	2.06	12.26	-50.570	-25	-25.57
10730	V	-57.766	2.88	12.41	-48.240	-25	-23.24
QPSK, CH41490 / 2680MHz, Bandwidth 20MHz							
5360	H	-65.279	1.67	10.01	-56.940	-25	-31.94
8040	H	-60.158	2.06	12.26	-49.960	-25	-24.96
10720	H	-56.106	2.88	12.41	-46.580	-25	-21.58
5360	V	-64.839	1.67	10.01	-56.500	-25	-31.5
8040	V	-60.688	2.06	12.26	-50.490	-25	-25.49
10720	V	-56.756	2.88	12.41	-47.230	-25	-22.23

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band66 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH131979 / 1710.7MHz, Bandwidth 1.4MHz							
3421.4	H	-66.296	1.33	7.65	-59.980	-13	-46.98
5132.1	H	-65.93	1.68	9.88	-57.730	-13	-44.73
6842.8	H	-62.626	1.81	11.15	-53.290	-13	-40.29
3421.4	V	-64.686	1.33	7.65	-58.370	-13	-45.37
5132.1	V	-66.66	1.68	9.88	-58.460	-13	-45.46
6842.8	V	-63.366	1.81	11.15	-54.030	-13	-41.03
QPSK, CH131987 / 1711.5MHz, Bandwidth 3MHz							
3423	H	-66.176	1.33	7.65	-59.860	-13	-46.86
5134.5	H	-65.84	1.68	9.88	-57.640	-13	-44.64
6846	H	-61.526	1.81	11.15	-52.190	-13	-39.19
3423	V	-64.056	1.33	7.65	-57.740	-13	-44.74
5134.5	V	-66.76	1.68	9.88	-58.560	-13	-45.56
6846	V	-63.406	1.81	11.15	-54.070	-13	-41.07
QPSK, CH131997 / 1712.5MHz, Bandwidth 5MHz							
3425	H	-66.256	1.33	7.65	-59.940	-13	-46.94
5137.5	H	-65.79	1.68	9.88	-57.590	-13	-44.59
6850	H	-62.086	1.81	11.15	-52.750	-13	-39.75
3425	V	-63.936	1.33	7.65	-57.620	-13	-44.62
5137.5	V	-66.91	1.68	9.88	-58.710	-13	-45.71
6850	V	-63.276	1.81	11.15	-53.940	-13	-40.94

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band66 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH132022 / 1715MHz, Bandwidth 10MHz							
3430	H	-66.206	1.33	7.65	-59.890	-13	-46.89
5145	H	-65.89	1.68	9.88	-57.690	-13	-44.69
6860	H	-61.966	1.81	11.15	-52.630	-13	-39.63
3430	V	-63.606	1.33	7.65	-57.290	-13	-44.29
5145	V	-66.86	1.68	9.88	-58.660	-13	-45.66
6860	V	-63.356	1.81	11.15	-54.020	-13	-41.02
QPSK, CH132047 / 1717.5MHz, Bandwidth 15MHz							
3435	H	-66.146	1.33	7.65	-59.830	-13	-46.83
5152.5	H	-65.76	1.68	9.88	-57.560	-13	-44.56
6870	H	-62.276	1.81	11.15	-52.940	-13	-39.94
3435	V	-63.446	1.33	7.65	-57.130	-13	-44.13
5152.5	V	-67.09	1.68	9.88	-58.890	-13	-45.89
6870	V	-63.256	1.81	11.15	-53.920	-13	-40.92
QPSK, CH132072 / 1720MHz, Bandwidth 20MHz							
3440	H	-66.186	1.33	7.65	-59.870	-13	-46.87
5160	H	-65.72	1.68	9.88	-57.520	-13	-44.52
6880	H	-61.216	1.81	11.15	-51.880	-13	-38.88
3440	V	-63.316	1.33	7.65	-57.000	-13	-44
5160	V	-67.11	1.68	9.88	-58.910	-13	-45.91
6880	V	-63.326	1.81	11.15	-53.990	-13	-40.99

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band66 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH132322 / 1745MHz, Bandwidth 1.4MHz							
3490	H	-63.846	1.35	7.80	-57.400	-13	-44.4
5235	H	-65.463	1.76	9.89	-57.330	-13	-44.33
6980	H	-62.487	1.72	11.19	-53.020	-13	-40.02
3490	V	-65.606	1.35	7.80	-59.160	-13	-46.16
5235	V	-66.543	1.76	9.89	-58.410	-13	-45.41
6980	V	-62.197	1.72	11.19	-52.730	-13	-39.73
QPSK, CH132322 / 1745MHz, Bandwidth 3MHz							
3490	H	-64.056	1.35	7.80	-57.610	-13	-44.61
5235	H	-65.913	1.76	9.89	-57.780	-13	-44.78
6980	H	-62.627	1.72	11.19	-53.160	-13	-40.16
3490	V	-65.676	1.35	7.80	-59.230	-13	-46.23
5235	V	-66.813	1.76	9.89	-58.680	-13	-45.68
6980	V	-62.357	1.72	11.19	-52.890	-13	-39.89
QPSK, CH132322 / 1745MHz, Bandwidth 5MHz							
3490	H	-64.306	1.35	7.80	-57.860	-13	-44.86
5235	H	-66.063	1.76	9.89	-57.930	-13	-44.93
6980	H	-62.747	1.72	11.19	-53.280	-13	-40.28
3490	V	-56.646	1.35	7.80	-50.200	-13	-37.2
5235	V	-66.923	1.76	9.89	-58.790	-13	-45.79
6980	V	-62.407	1.72	11.19	-52.940	-13	-39.94

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band66 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH132322 / 1745MHz, Bandwidth 10MHz							
3490	H	-64.386	1.35	7.80	-57.940	-13	-44.94
5235	H	-65.943	1.76	9.89	-57.810	-13	-44.81
6980	H	-62.857	1.72	11.19	-53.390	-13	-40.39
3490	V	-65.736	1.35	7.80	-59.290	-13	-46.29
5235	V	-66.983	1.76	9.89	-58.850	-13	-45.85
6980	V	-62.457	1.72	11.19	-52.990	-13	-39.99
QPSK, CH132322 / 1745MHz, Bandwidth 15MHz							
3490	H	-64.346	1.35	7.80	-57.900	-13	-44.9
5235	H	-66.603	1.76	9.89	-58.470	-13	-45.47
6980	H	-62.897	1.72	11.19	-53.430	-13	-40.43
3490	V	-65.686	1.35	7.80	-59.240	-13	-46.24
5235	V	-67.043	1.76	9.89	-58.910	-13	-45.91
6980	V	-62.347	1.72	11.19	-52.880	-13	-39.88
QPSK, CH132322 / 1745MHz, Bandwidth 20MHz							
3490	H	-64.446	1.35	7.80	-58.000	-13	-45
5235	H	-67.003	1.76	9.89	-58.870	-13	-45.87
6980	H	-62.887	1.72	11.19	-53.420	-13	-40.42
3490	V	-65.716	1.35	7.80	-59.270	-13	-46.27
5235	V	-67.173	1.76	9.89	-59.040	-13	-46.04
6980	V	-62.487	1.72	11.19	-53.020	-13	-40.02

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band66 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH132665 / 1779.3MHz, Bandwidth 1.4MHz							
3558.6	H	-63.867	1.39	7.83	-57.430	-13	-44.43
5337.9	H	-65.858	1.65	9.97	-57.540	-13	-44.54
7117.2	H	-61.682	2.52	11.39	-52.810	-13	-39.81
3558.6	V	-60.937	1.39	7.83	-54.500	-13	-41.5
5337.9	V	-67.688	1.65	9.97	-59.370	-13	-46.37
7117.2	V	-62.182	2.52	11.39	-53.310	-13	-40.31
QPSK, CH132657 / 1778.5MHz, Bandwidth 3MHz							
3557	H	-64.257	1.39	7.83	-57.820	-13	-44.82
5335.5	H	-65.698	1.65	9.97	-57.380	-13	-44.38
7114	H	-61.622	2.52	11.39	-52.750	-13	-39.75
3557	V	-61.307	1.39	7.83	-54.870	-13	-41.87
5335.5	V	-67.438	1.65	9.97	-59.120	-13	-46.12
7114	V	-62.152	2.52	11.39	-53.280	-13	-40.28
QPSK, CH132647 / 1777.5MHz, Bandwidth 5MHz							
3555	H	-64.777	1.39	7.83	-58.340	-13	-45.34
5332.5	H	-65.418	1.65	9.97	-57.100	-13	-44.1
7110	H	-61.762	2.52	11.39	-52.890	-13	-39.89
3555	V	-62.057	1.39	7.83	-55.620	-13	-42.62
5332.5	V	-67.158	1.65	9.97	-58.840	-13	-45.84
7110	V	-62.532	2.52	11.39	-53.660	-13	-40.66

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band66 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH132622 / 1775MHz, Bandwidth 10MHz							
3550	H	-65.027	1.39	7.83	-58.590	-13	-45.59
5325	H	-65.288	1.65	9.97	-56.970	-13	-43.97
7100	H	-61.592	2.52	11.39	-52.720	-13	-39.72
3550	V	-62.187	1.39	7.83	-55.750	-13	-42.75
5325	V	-66.728	1.65	9.97	-58.410	-13	-45.41
7100	V	-62.442	2.52	11.39	-53.570	-13	-40.57
QPSK, CH132597 / 1772.5MHz, Bandwidth 15MHz							
3545	H	-65.147	1.39	7.83	-58.710	-13	-45.71
5317.5	H	-65.248	1.65	9.97	-56.930	-13	-43.93
7090	H	-61.642	2.52	11.39	-52.770	-13	-39.77
3545	V	-62.337	1.39	7.83	-55.900	-13	-42.9
5317.5	V	-66.368	1.65	9.97	-58.050	-13	-45.05
7090	V	-62.712	2.52	11.39	-53.840	-13	-40.84
QPSK, CH132572 / 1770MHz, Bandwidth 20MHz							
3540	H	-65.327	1.39	7.83	-58.890	-13	-45.89
5310	H	-65.158	1.65	9.97	-56.840	-13	-43.84
7080	H	-61.622	2.52	11.39	-52.750	-13	-39.75
3540	V	-62.487	1.39	7.83	-56.050	-13	-43.05
5310	V	-66.168	1.65	9.97	-57.850	-13	-44.85
7080	V	-62.832	2.52	11.39	-53.960	-13	-40.96

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band7_CA (BW 20MHz+20MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, PCC-CH20850 / 2510MHz & SCC-CH21048 / 2529.8MHz, Bandwidth 20MHz+20MHz							
5040	H	-66.61	1.52	9.81	-58.320	-25	-33.32
7560	H	-63.45	1.72	11.72	-53.450	-25	-28.45
10080	H	-58.73	2.37	12.40	-48.700	-25	-23.7
5040	V	-67.76	1.52	9.81	-59.470	-25	-34.47
7560	V	-65.69	1.72	11.72	-55.690	-25	-30.69
10080	V	-60.66	2.37	12.40	-50.630	-25	-25.63
QPSK, PCC-CH21001 / 2525.1MHz & SCC-CH21199 / 2544.9MHz, Bandwidth 20MHz+20MHz							
5070	H	-66.43	1.52	9.82	-58.130	-25	-33.13
7605	H	-63.673	1.78	11.76	-53.690	-25	-28.69
10140	H	-59.18	2.49	12.40	-49.270	-25	-24.27
5070	V	-66.69	1.52	9.82	-58.390	-25	-33.39
7605	V	-65.293	1.78	11.76	-55.310	-25	-30.31
10140	V	-60.33	2.49	12.40	-50.420	-25	-25.42
QPSK, PCC-CH21152 / 2540.2MHz & SCC-CH21350 / 2560MHz, Bandwidth 20MHz+20MHz							
5100	H	-66.092	1.59	9.83	-57.850	-25	-32.85
7650	H	-64.104	1.61	11.80	-53.910	-25	-28.91
10200	H	-60.15	2.36	12.40	-50.110	-25	-25.11
5100	V	-66.372	1.59	9.83	-58.130	-25	-33.13
7650	V	-65.054	1.61	11.80	-54.860	-25	-29.86
10200	V	-60.07	2.36	12.40	-50.030	-25	-25.03

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band7_CA (BW 20MHz+15MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, PCC-CH20850 / 2510MHz & SCC-CH21021 / 2527.1MHz, Bandwidth 20MHz+15MHz							
5040	H	-66.12	1.52	9.81	-57.830	-25	-32.83
7560	H	-63.05	1.72	11.72	-53.050	-25	-28.05
10080	H	-59.82	2.37	12.40	-49.790	-25	-24.79
5040	V	-66.39	1.52	9.81	-58.100	-25	-33.1
7560	V	-62.19	1.72	11.72	-52.190	-25	-27.19
10080	V	-61.71	2.37	12.40	-51.680	-25	-26.68
QPSK, PCC-CH21026 / 2527.6MHz & SCC-CH21197 / 2544.7MHz, Bandwidth 20MHz+15MHz							
5076	H	-65.73	1.52	9.82	-57.430	-25	-32.43
7614	H	-63.573	1.78	11.76	-53.590	-25	-28.59
10152	H	-59.81	2.49	12.40	-49.900	-25	-24.9
5076	V	-66.23	1.52	9.82	-57.930	-25	-32.93
7614	V	-62.643	1.78	11.76	-52.660	-25	-27.66
10152	V	-62.32	2.49	12.40	-52.410	-25	-27.41
QPSK, PCC-CH21201 / 2545.1MHz & SCC-CH21372 / 2562.2MHz, Bandwidth 20MHz+15MHz							
5112	H	-64.562	1.59	9.83	-56.320	-25	-31.32
7668	H	-64.404	1.61	11.80	-54.210	-25	-29.21
10224	H	-60.41	2.36	12.40	-50.370	-25	-25.37
5112	V	-65.582	1.59	9.83	-57.340	-25	-32.34
7668	V	-63.644	1.61	11.80	-53.450	-25	-28.45
10224	V	-63.22	2.36	12.40	-53.180	-25	-28.18

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band7_CA (BW 15MHz+20MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, PCC-CH20828 / 2507.8MHz & SCC-CH20999 / 2524.9MHz, Bandwidth 15MHz+20MHz							
5028	H	-66.41	1.52	9.81	-58.120	-25	-33.12
7542	H	-62.19	1.72	11.72	-52.190	-25	-27.19
10056	H	-58.44	2.37	12.40	-48.410	-25	-23.41
5028	V	-66.67	1.52	9.81	-58.380	-25	-33.38
7542	V	-62.95	1.72	11.72	-52.950	-25	-27.95
10056	V	-59.25	2.37	12.40	-49.220	-25	-24.22
QPSK, PCC-CH21003 / 2525.3MHz & SCC-CH21174 / 2542.4MHz, Bandwidth 15MHz+20MHz							
5064	H	-65.76	1.52	9.82	-57.460	-25	-32.46
7596	H	-62.413	1.78	11.76	-52.430	-25	-27.43
10128	H	-58.66	2.49	12.40	-48.750	-25	-23.75
5064	V	-64.78	1.52	9.82	-56.480	-25	-31.48
7596	V	-63.243	1.78	11.76	-53.260	-25	-28.26
10128	V	-58.93	2.49	12.40	-49.020	-25	-24.02
QPSK, PCC-CH21179 / 2542.9MHz & SCC-CH21350 / 2560MHz, Bandwidth 15MHz+20MHz							
5100	H	-65.172	1.59	9.83	-56.930	-25	-31.93
7650	H	-63.004	1.61	11.80	-52.810	-25	-27.81
10200	H	-59.91	2.36	12.40	-49.870	-25	-24.87
5100	V	-63.372	1.59	9.83	-55.130	-25	-30.13
7650	V	-63.934	1.61	11.80	-53.740	-25	-28.74
10200	V	-58.9	2.36	12.40	-48.860	-25	-23.86

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band7_CA (BW 20MHz+10MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, PCC-CH20850 / 2510MHz & SCC-CH20994 / 2524.4MHz, Bandwidth 20MHz+10MHz							
5040	H	-66.32	1.52	9.81	-58.030	-25	-33.03
7560	H	-63.19	1.72	11.72	-53.190	-25	-28.19
10080	H	-58.35	2.37	12.40	-48.320	-25	-23.32
5040	V	-67.15	1.52	9.81	-58.860	-25	-33.86
7560	V	-63.27	1.72	11.72	-53.270	-25	-28.27
10080	V	-58.78	2.37	12.40	-48.750	-25	-23.75
QPSK, PCC-CH21051 / 2530.1MHz & SCC-CH21195 / 2544.5MHz, Bandwidth 20MHz+10MHz							
5076	H	-66.12	1.52	9.82	-57.820	-25	-32.82
7614	H	-63.623	1.78	11.76	-53.640	-25	-28.64
10152	H	-58.72	2.49	12.40	-48.810	-25	-23.81
5076	V	-66.72	1.52	9.82	-58.420	-25	-33.42
7614	V	-63.423	1.78	11.76	-53.440	-25	-28.44
10152	V	-59.38	2.49	12.40	-49.470	-25	-24.47
QPSK, PCC-CH21251 / 2550.1MHz & SCC-CH21395 / 2564.5MHz, Bandwidth 20MHz+10MHz							
5118	H	-65.532	1.59	9.83	-57.290	-25	-32.29
7677	H	-64.624	1.61	11.80	-54.430	-25	-29.43
10236	H	-59.55	2.36	12.40	-49.510	-25	-24.51
5118	V	-66.212	1.59	9.83	-57.970	-25	-32.97
7677	V	-63.954	1.61	11.80	-53.760	-25	-28.76
10236	V	-59.29	2.36	12.40	-49.250	-25	-24.25

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)

LTE Band7_CA (BW 10MHz+20MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, PCC-CH20805 / 2505.5MHz & SCC-CH20949 / 2519.9MHz, Bandwidth 10MHz+20MHz							
5022	H	-66.4	1.52	9.81	-58.110	-25	-33.11
7533	H	-62.39	1.72	11.72	-52.390	-25	-27.39
10044	H	-58.11	2.37	12.40	-48.080	-25	-23.08
5022	V	-66.58	1.52	9.81	-58.290	-25	-33.29
7533	V	-62.04	1.72	11.72	-52.040	-25	-27.04
10044	V	-59.45	2.37	12.40	-49.420	-25	-24.42
QPSK, PCC-CH21006 / 2525.6MHz & SCC-CH21150 / 2540MHz, Bandwidth 10MHz+20MHz							
5064	H	-66.94	1.52	9.82	-58.640	-25	-33.64
7596	H	-62.493	1.78	11.76	-52.510	-25	-27.51
10128	H	-58.63	2.49	12.40	-48.720	-25	-23.72
5064	V	-65.71	1.52	9.82	-57.410	-25	-32.41
7596	V	-62.833	1.78	11.76	-52.850	-25	-27.85
10128	V	-58.72	2.49	12.40	-48.810	-25	-23.81
QPSK, PCC-CH21206 / 2545.6MHz & SCC-CH21350 / 2560MHz, Bandwidth 10MHz+20MHz							
5100	H	-67.732	1.59	9.83	-59.490	-25	-34.49
7650	H	-63.044	1.61	11.80	-52.850	-25	-27.85
10200	H	-59.07	2.36	12.40	-49.030	-25	-24.03
5100	V	-64.622	1.59	9.83	-56.380	-25	-31.38
7650	V	-62.524	1.61	11.80	-52.330	-25	-27.33
10200	V	-58.63	2.36	12.40	-48.590	-25	-23.59

Note:

1. Spurious emissions within 30-1000MHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)