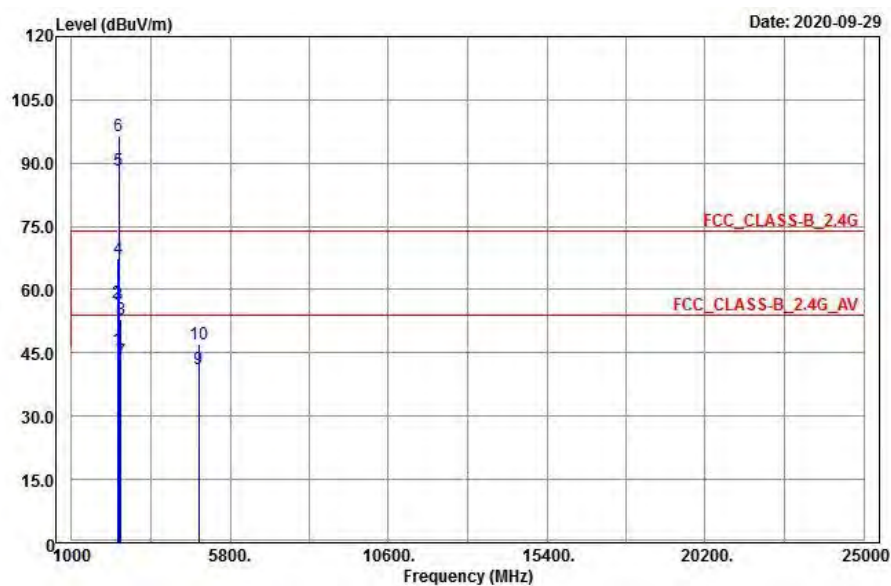


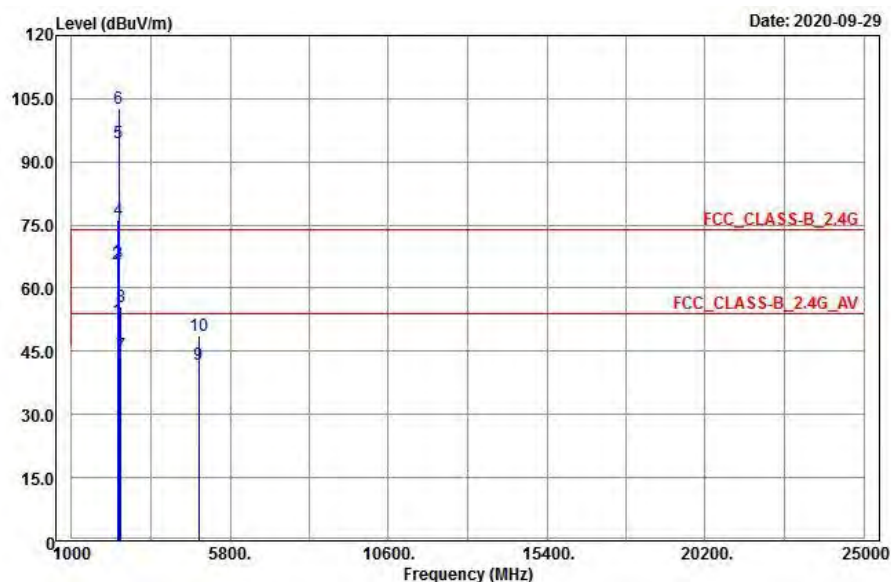
## 802.11n (HT40)

| EUT Test Condition       |                    | Measurement Detail |                           |
|--------------------------|--------------------|--------------------|---------------------------|
| Channel                  | Channel 3          | Frequency Range    | 1 GHz ~ 25 GHz            |
| Input Power              | 120 Vac, 60 Hz     | Detector Function  | Peak (PK)<br>Average (AV) |
| Environmental Conditions | 25 deg. C, 65 % RH | Tested By          | Charles Hsiao             |

### Horizontal



### Vertical



### Antenna Polarity & Test Distance: Horizontal at 3 m

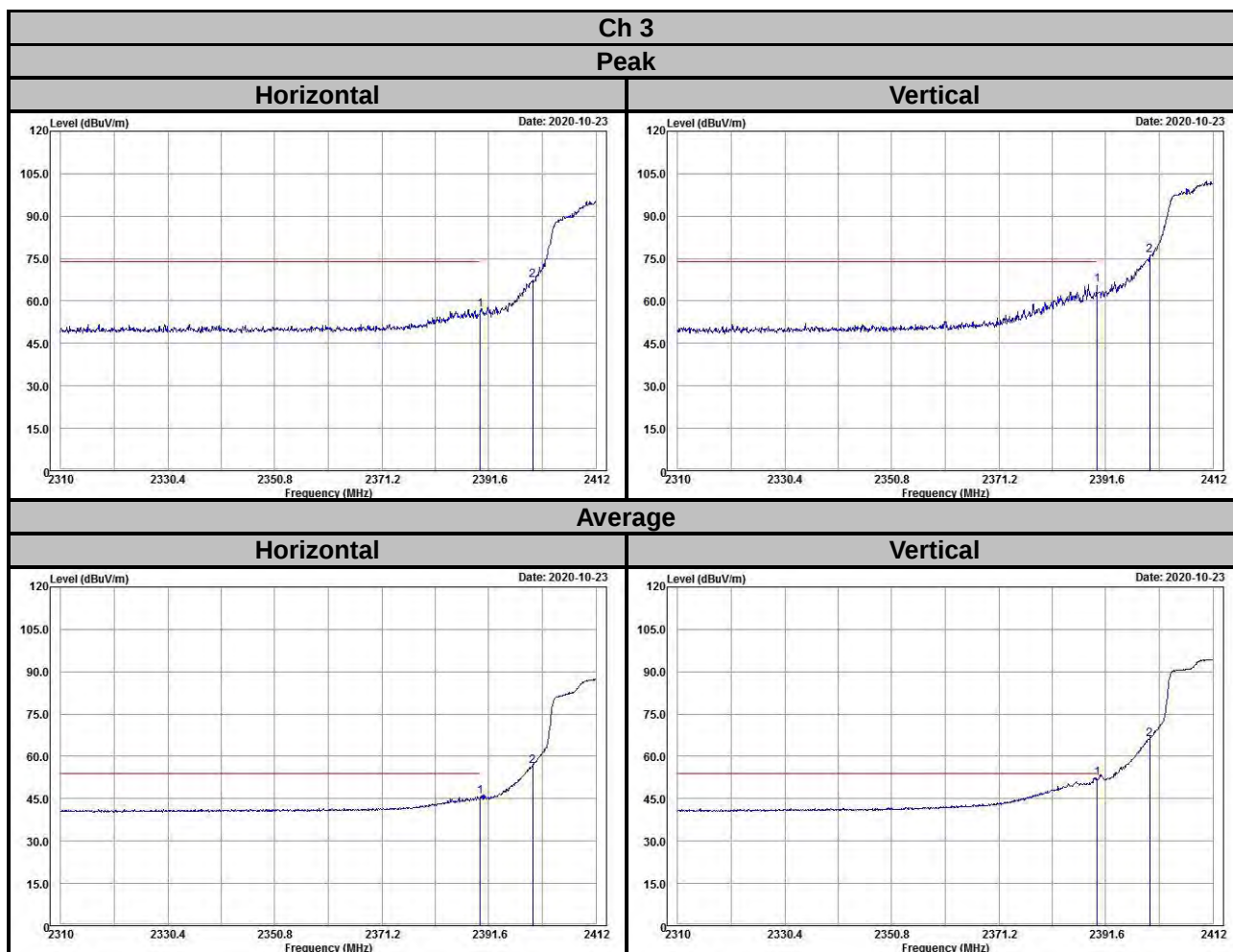
| Frequency (MHz) | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
|-----------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| 2390            | 45.92                   | 41.42             | 4.5           | 54             | -8.08       | 103                 | 63                   | Average |
| 2390            | 57.04                   | 52.54             | 4.5           | 74             | -16.96      | 103                 | 63                   | Peak    |
| 2399.99         | 56.61                   | 52.09             | 4.52          | 68.2           | -11.59      | 103                 | 63                   | Average |
| 2399.99         | 67.23                   | 62.71             | 4.52          | 76.38          | -9.15       | 103                 | 63                   | Peak    |
| 2422            | 88.2                    | 83.64             | 4.56          |                |             | 103                 | 63                   | Average |
| 2422            | 96.38                   | 91.82             | 4.56          |                |             | 103                 | 63                   | Peak    |
| 2483.5          | 43.1                    | 38.44             | 4.66          | 54             | -10.9       | 103                 | 63                   | Average |
| 2483.5          | 52.99                   | 48.33             | 4.66          | 74             | -21.01      | 103                 | 63                   | Peak    |
| 4844            | 41.35                   | 31.12             | 10.23         | 54             | -12.65      | 172                 | 168                  | Average |
| 4844            | 47.16                   | 36.93             | 10.23         | 74             | -26.84      | 172                 | 168                  | Peak    |

### Antenna Polarity & Test Distance: Vertical at 3 m

| Frequency (MHz) | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
|-----------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| 2390            | 52.39                   | 47.89             | 4.5           | 54             | -1.61       | 165                 | 217                  | Average |
| 2390            | 65.58                   | 61.08             | 4.5           | 74             | -8.42       | 165                 | 217                  | Peak    |
| 2399.99         | 66.18                   | 61.66             | 4.52          | 74.46          | -8.28       | 165                 | 217                  | Average |
| 2399.99         | 76.15                   | 71.63             | 4.52          | 82.52          | -6.37       | 165                 | 217                  | Peak    |
| 2422            | 94.46                   | 89.9              | 4.56          |                |             | 165                 | 217                  | Average |
| 2422            | 102.52                  | 97.96             | 4.56          |                |             | 165                 | 217                  | Peak    |
| 2483.5          | 44.22                   | 39.56             | 4.66          | 54             | -9.78       | 165                 | 217                  | Average |
| 2483.5          | 55.45                   | 50.79             | 4.66          | 74             | -18.55      | 165                 | 217                  | Peak    |
| 4844            | 41.75                   | 31.52             | 10.23         | 54             | -12.25      | 104                 | 168                  | Average |
| 4844            | 48.61                   | 38.38             | 10.23         | 74             | -25.39      | 104                 | 168                  | Peak    |

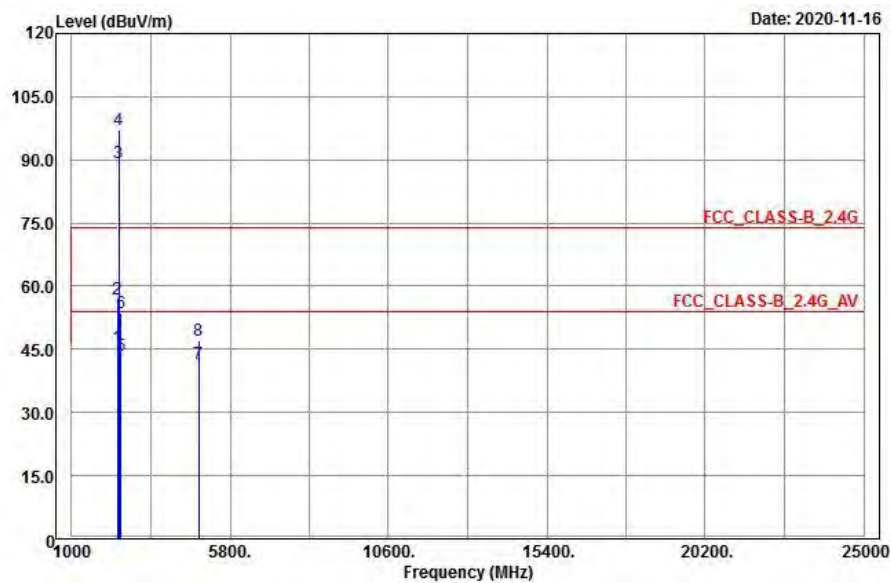
#### Remarks:

1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 2422 MHz: Fundamental Frequency.
3. The other emission levels were very low against the limit.

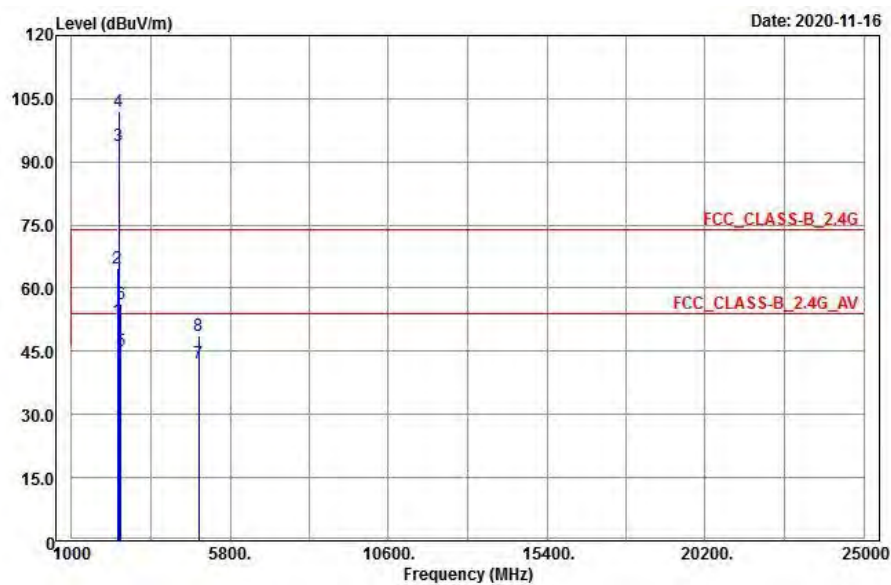


| EUT Test Condition       |                    | Measurement Detail |                           |
|--------------------------|--------------------|--------------------|---------------------------|
| Channel                  | Channel 4          | Frequency Range    | 1 GHz ~ 25 GHz            |
| Input Power              | 120 Vac, 60 Hz     | Detector Function  | Peak (PK)<br>Average (AV) |
| Environmental Conditions | 25 deg. C, 65 % RH | Tested By          | Charles Hsiao             |

### Horizontal



### Vertical



| Antenna Polarity & Test Distance: Horizontal at 3 m |                         |                   |               |                |             |                     |                      |         |
|-----------------------------------------------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| Frequency (MHz)                                     | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
| 2390                                                | 45.57                   | 41.07             | 4.5           | 54             | -8.43       | 137                 | 64                   | Average |
| 2390                                                | 57.05                   | 52.55             | 4.5           | 74             | -16.95      | 137                 | 64                   | Peak    |
| 2427                                                | 89.34                   | 84.78             | 4.56          |                |             | 137                 | 64                   | Average |
| 2427                                                | 96.96                   | 92.4              | 4.56          |                |             | 137                 | 64                   | Peak    |
| 2483.5                                              | 43.51                   | 38.85             | 4.66          | 54             | -10.49      | 137                 | 64                   | Average |
| 2483.5                                              | 53.72                   | 49.06             | 4.66          | 74             | -20.28      | 137                 | 64                   | Peak    |
| 4854                                                | 41.58                   | 31.35             | 10.23         | 54             | -12.42      | 135                 | 267                  | Average |
| 4854                                                | 47.24                   | 37.01             | 10.23         | 74             | -26.76      | 135                 | 267                  | Peak    |
| Antenna Polarity & Test Distance: Vertical at 3 m   |                         |                   |               |                |             |                     |                      |         |
| Frequency (MHz)                                     | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
| 2390                                                | 52.39                   | 47.89             | 4.5           | 54             | -1.61       | 100                 | 196                  | Average |
| 2390                                                | 64.75                   | 60.25             | 4.5           | 74             | -9.25       | 100                 | 196                  | Peak    |
| 2427                                                | 93.98                   | 89.42             | 4.56          |                |             | 100                 | 196                  | Average |
| 2427                                                | 102.06                  | 97.5              | 4.56          |                |             | 100                 | 196                  | Peak    |
| 2483.5                                              | 45.18                   | 40.52             | 4.66          | 54             | -8.82       | 100                 | 196                  | Average |
| 2483.5                                              | 56.24                   | 51.58             | 4.66          | 74             | -17.76      | 100                 | 196                  | Peak    |
| 4854                                                | 42.04                   | 31.81             | 10.23         | 54             | -11.96      | 125                 | 149                  | Average |
| 4854                                                | 48.67                   | 38.44             | 10.23         | 74             | -25.33      | 125                 | 149                  | Peak    |

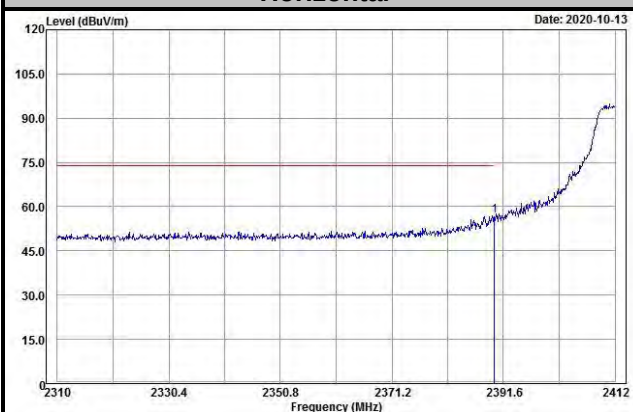
Remarks:

1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 2427 MHz: Fundamental Frequency.
3. The other emission levels were very low against the limit.

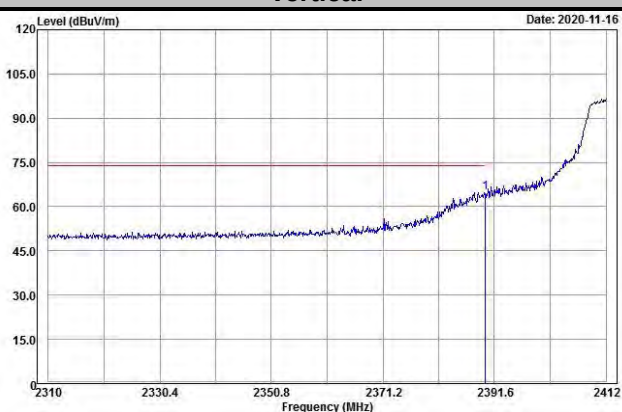
## Ch 4

### Peak

#### Horizontal

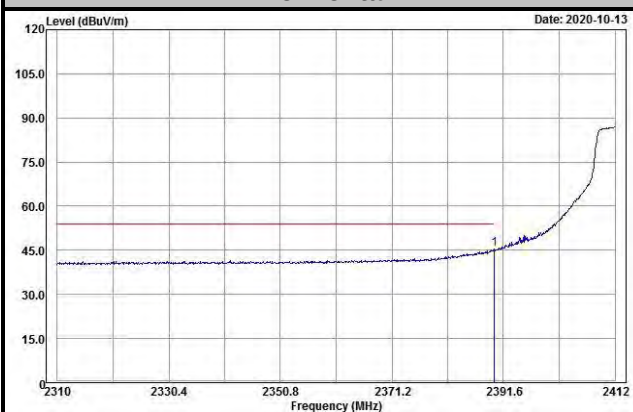


#### Vertical

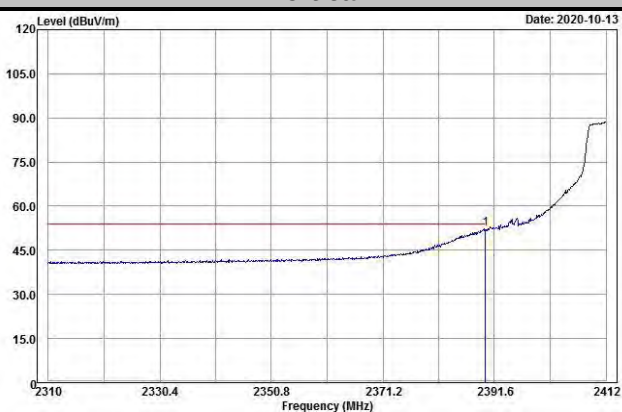


### Average

#### Horizontal



#### Vertical



| EUT Test Condition       |                    | Measurement Detail |                           |
|--------------------------|--------------------|--------------------|---------------------------|
| Channel                  | Channel 5          | Frequency Range    | 1 GHz ~ 25 GHz            |
| Input Power              | 120 Vac, 60 Hz     | Detector Function  | Peak (PK)<br>Average (AV) |
| Environmental Conditions | 25 deg. C, 65 % RH | Tested By          | Charles Hsiao             |

**Antenna Polarity & Test Distance: Horizontal at 3 m**

| Frequency (MHz) | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
|-----------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| 2390            | 50.17                   | 45.67             | 4.5           | 54             | -3.83       | 142                 | 62                   | Average |
| 2390            | 64.33                   | 59.83             | 4.5           | 74             | -9.67       | 142                 | 62                   | Peak    |
| 2432            | 90.92                   | 86.35             | 4.57          |                |             | 142                 | 62                   | Average |
| 2432            | 98.71                   | 94.14             | 4.57          |                |             | 142                 | 62                   | Peak    |
| 2483.5          | 43.9                    | 39.24             | 4.66          | 54             | -10.1       | 142                 | 62                   | Average |
| 2483.5          | 54.67                   | 50.01             | 4.66          | 74             | -19.33      | 142                 | 62                   | Peak    |
| 4864            | 41.21                   | 31.04             | 10.17         | 54             | -12.79      | 142                 | 129                  | Average |
| 4864            | 47.35                   | 37.18             | 10.17         | 74             | -26.65      | 142                 | 129                  | Peak    |

**Antenna Polarity & Test Distance: Vertical at 3 m**

| Frequency (MHz) | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
|-----------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| 2390            | 52.37                   | 47.87             | 4.5           | 54             | -1.63       | 160                 | 203                  | Average |
| 2390            | 66.2                    | 61.7              | 4.5           | 74             | -7.8        | 160                 | 203                  | Peak    |
| 2432            | 95.21                   | 90.64             | 4.57          |                |             | 160                 | 203                  | Average |
| 2432            | 102.72                  | 98.15             | 4.57          |                |             | 160                 | 203                  | Peak    |
| 2483.5          | 50.22                   | 45.56             | 4.66          | 54             | -3.78       | 160                 | 203                  | Average |
| 2483.5          | 59.73                   | 55.07             | 4.66          | 74             | -14.27      | 160                 | 203                  | Peak    |
| 4864            | 41.69                   | 31.52             | 10.17         | 54             | -12.31      | 116                 | 174                  | Average |
| 4864            | 48.51                   | 38.34             | 10.17         | 74             | -25.49      | 116                 | 174                  | Peak    |

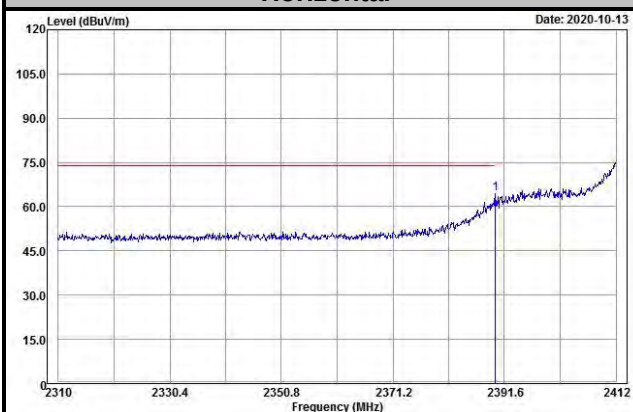
Remarks:

1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 2432 MHz: Fundamental Frequency.
3. The other emission levels were very low against the limit.

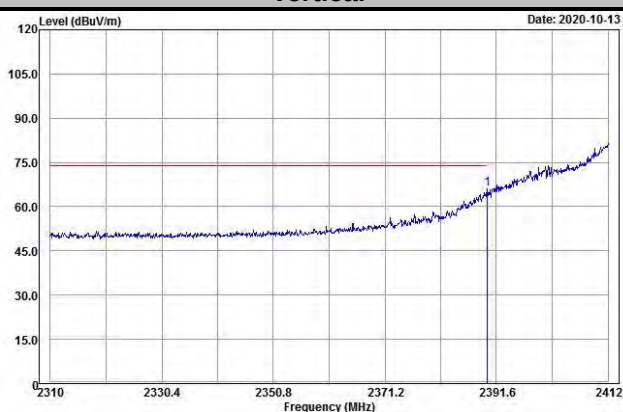
## Ch 5

### Peak

#### Horizontal

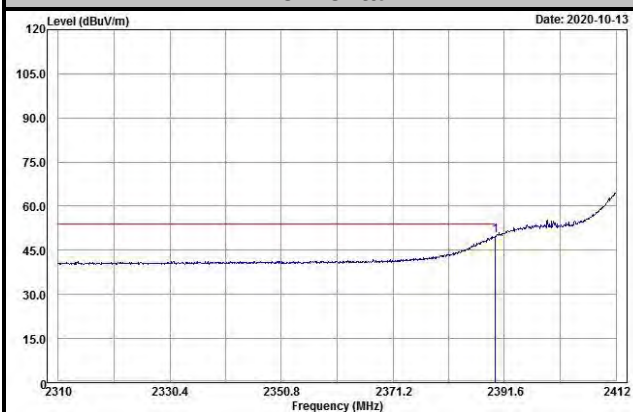


#### Vertical

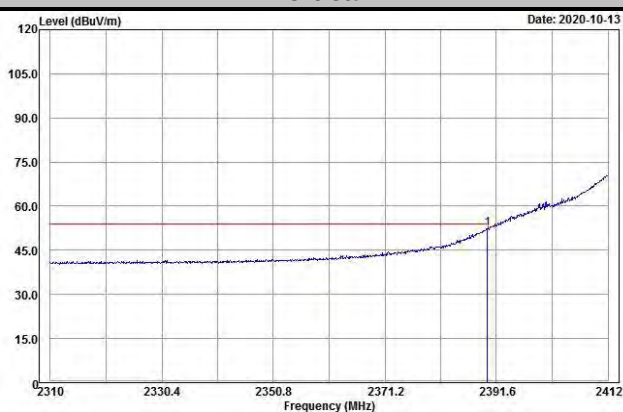


### Average

#### Horizontal

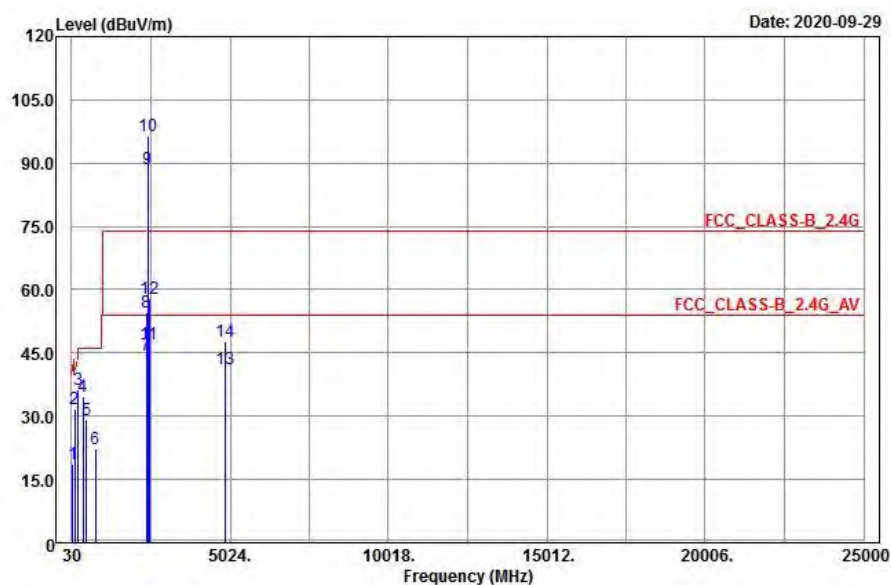


#### Vertical

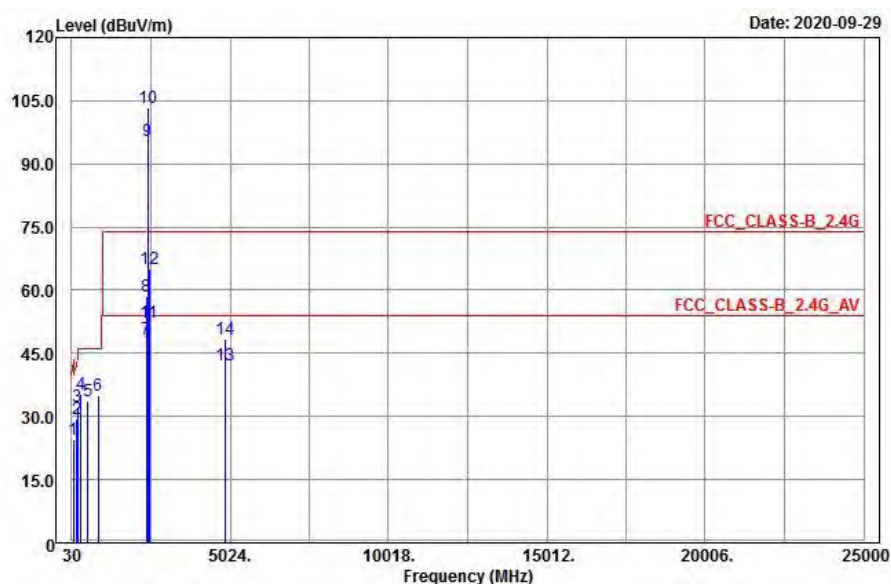


| EUT Test Condition       |                    | Measurement Detail |                           |
|--------------------------|--------------------|--------------------|---------------------------|
| Channel                  | Channel 6          | Frequency Range    | 1 GHz ~ 25 GHz            |
| Input Power              | 120 Vac, 60 Hz     | Detector Function  | Peak (PK)<br>Average (AV) |
| Environmental Conditions | 25 deg. C, 65 % RH | Tested By          | Charles Hsiao             |

### Horizontal



### Vertical



### Antenna Polarity & Test Distance: Horizontal at 3 m

| Frequency (MHz) | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
|-----------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| 62.4            | 18.49                   | 35.18             | -16.69        | 40             | -21.51      | 269                 | 21                   | Peak    |
| 128.01          | 31.68                   | 51.96             | -20.28        | 43.5           | -11.82      | 164                 | 87                   | Peak    |
| 230.07          | 36.2                    | 53.59             | -17.39        | 46             | -9.8        | 188                 | 23                   | Peak    |
| 377.7           | 34.82                   | 49.11             | -14.29        | 46             | -11.18      | 153                 | 109                  | Peak    |
| 489             | 29.14                   | 41.67             | -12.53        | 46             | -16.86      | 177                 | 36                   | Peak    |
| 777.4           | 22.35                   | 30.49             | -8.14         | 46             | -23.65      | 198                 | 124                  | Peak    |
| 2390            | 44.53                   | 40.03             | 4.5           | 54             | -9.47       | 133                 | 68                   | Average |
| 2390            | 54.69                   | 50.19             | 4.5           | 74             | -19.31      | 133                 | 68                   | Peak    |
| 2437            | 88.47                   | 83.88             | 4.59          |                |             | 133                 | 68                   | Average |
| 2437            | 96.55                   | 91.96             | 4.59          |                |             | 133                 | 68                   | Peak    |
| 2483.5          | 47.07                   | 42.41             | 4.66          | 54             | -6.93       | 133                 | 68                   | Average |
| 2483.5          | 57.9                    | 53.24             | 4.66          | 74             | -16.1       | 133                 | 68                   | Peak    |
| 4874            | 41.36                   | 31.15             | 10.21         | 54             | -12.64      | 149                 | 23                   | Average |
| 4874            | 47.7                    | 37.49             | 10.21         | 74             | -26.3       | 149                 | 23                   | Peak    |

### Antenna Polarity & Test Distance: Vertical at 3 m

| Frequency (MHz) | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
|-----------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| 78.6            | 24.47                   | 45.78             | -21.31        | 40             | -15.53      | 231                 | 17                   | Peak    |
| 188.76          | 29.38                   | 48.17             | -18.79        | 43.5           | -14.12      | 157                 | 280                  | Peak    |
| 223.86          | 32.42                   | 50.08             | -17.66        | 46             | -13.58      | 136                 | 286                  | Peak    |
| 322.4           | 35.21                   | 50.73             | -15.52        | 46             | -10.79      | 121                 | 140                  | Peak    |
| 540.8           | 33.74                   | 45.47             | -11.73        | 46             | -12.26      | 166                 | 286                  | Peak    |
| 864.9           | 34.85                   | 41.32             | -6.47         | 46             | -11.15      | 142                 | 190                  | Peak    |
| 2390            | 48.24                   | 43.74             | 4.5           | 54             | -5.76       | 160                 | 202                  | Average |
| 2390            | 58.45                   | 53.95             | 4.5           | 74             | -15.55      | 160                 | 202                  | Peak    |
| 2437            | 95.58                   | 90.99             | 4.59          |                |             | 160                 | 202                  | Average |
| 2437            | 103.48                  | 98.89             | 4.59          |                |             | 160                 | 202                  | Peak    |
| 2483.5          | 52.32                   | 47.66             | 4.66          | 54             | -1.68       | 160                 | 202                  | Average |
| 2483.5          | 65.02                   | 60.36             | 4.66          | 74             | -8.98       | 160                 | 202                  | Peak    |
| 4874            | 42.31                   | 32.1              | 10.21         | 54             | -11.69      | 155                 | 204                  | Average |
| 4874            | 48.51                   | 38.3              | 10.21         | 74             | -25.49      | 155                 | 204                  | Peak    |

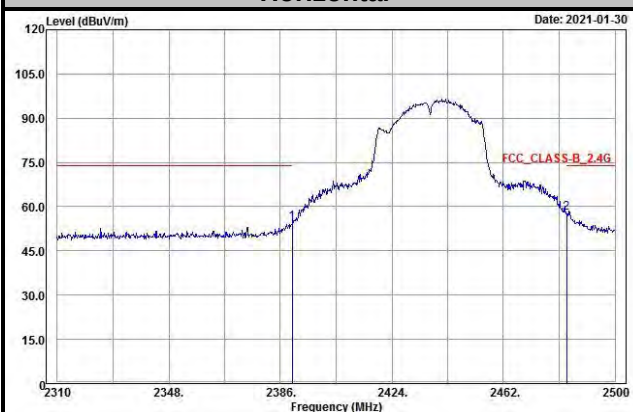
Remarks:

1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 2437 MHz: Fundamental Frequency.
3. The other emission levels were very low against the limit.

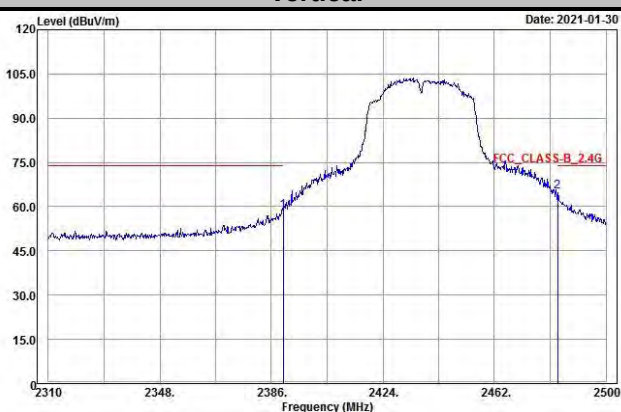
## Ch 6

### Peak

#### Horizontal

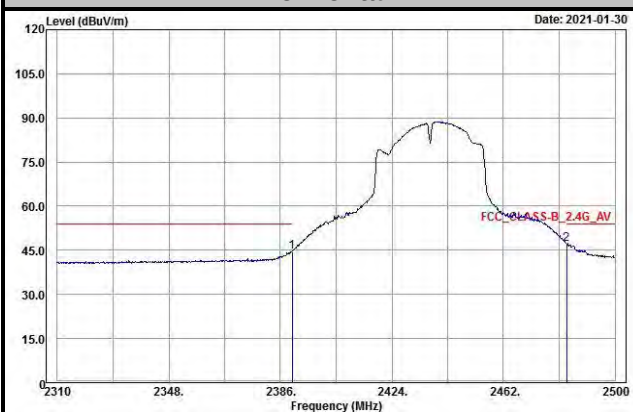


#### Vertical

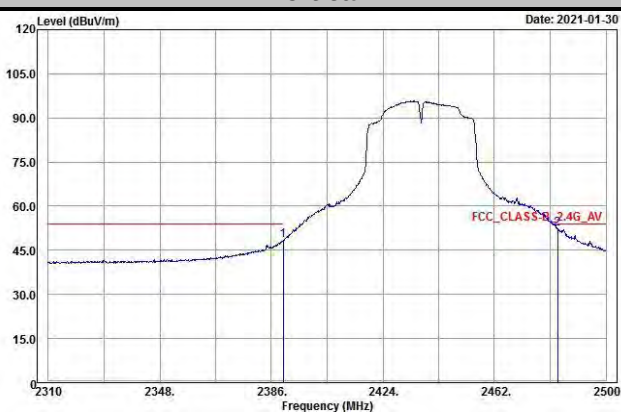


### Average

#### Horizontal



#### Vertical



| EUT Test Condition       |                    | Measurement Detail |                           |
|--------------------------|--------------------|--------------------|---------------------------|
| Channel                  | Channel 9          | Frequency Range    | 1 GHz ~ 25 GHz            |
| Input Power              | 120 Vac, 60 Hz     | Detector Function  | Peak (PK)<br>Average (AV) |
| Environmental Conditions | 25 deg. C, 65 % RH | Tested By          | Charles Hsiao             |

**Antenna Polarity & Test Distance: Horizontal at 3 m**

| Frequency (MHz) | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
|-----------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| 2390            | 42.09                   | 37.59             | 4.5           | 54             | -11.91      | 100                 | 60                   | Average |
| 2390            | 52.23                   | 47.73             | 4.5           | 74             | -21.77      | 100                 | 60                   | Peak    |
| 2452            | 89.09                   | 84.49             | 4.6           |                |             | 100                 | 60                   | Average |
| 2452            | 96.3                    | 91.7              | 4.6           |                |             | 100                 | 60                   | Peak    |
| 2483.5          | 51.92                   | 47.26             | 4.66          | 54             | -2.08       | 100                 | 60                   | Average |
| 2483.5          | 62.95                   | 58.29             | 4.66          | 74             | -11.05      | 100                 | 60                   | Peak    |
| 4904            | 41.39                   | 31.25             | 10.14         | 54             | -12.61      | 173                 | 215                  | Average |
| 4904            | 47.49                   | 37.35             | 10.14         | 74             | -26.51      | 173                 | 215                  | Peak    |

**Antenna Polarity & Test Distance: Vertical at 3 m**

| Frequency (MHz) | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
|-----------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| 2390            | 43.16                   | 38.66             | 4.5           | 54             | -10.84      | 120                 | 198                  | Average |
| 2390            | 53.51                   | 49.01             | 4.5           | 74             | -20.49      | 120                 | 198                  | Peak    |
| 2452            | 93.78                   | 89.18             | 4.6           |                |             | 120                 | 198                  | Average |
| 2452            | 100.24                  | 95.64             | 4.6           |                |             | 120                 | 198                  | Peak    |
| 2483.5          | 52.11                   | 47.45             | 4.66          | 54             | -1.89       | 120                 | 198                  | Average |
| 2483.5          | 62.62                   | 57.96             | 4.66          | 74             | -11.38      | 120                 | 198                  | Peak    |
| 4904            | 41.86                   | 31.72             | 10.14         | 54             | -12.14      | 136                 | 231                  | Average |
| 4904            | 48                      | 37.86             | 10.14         | 74             | -26         | 136                 | 231                  | Peak    |

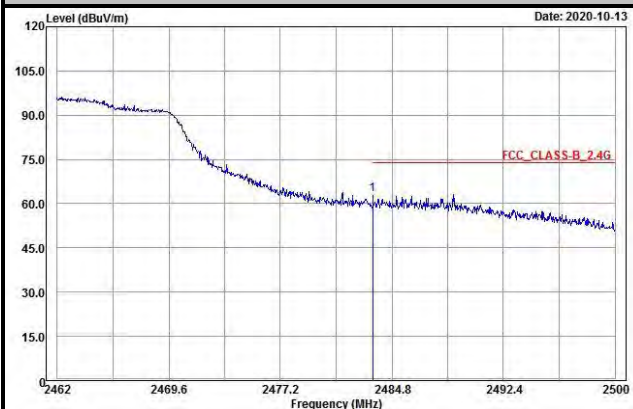
Remarks:

1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 2452 MHz: Fundamental Frequency.
3. The other emission levels were very low against the limit.

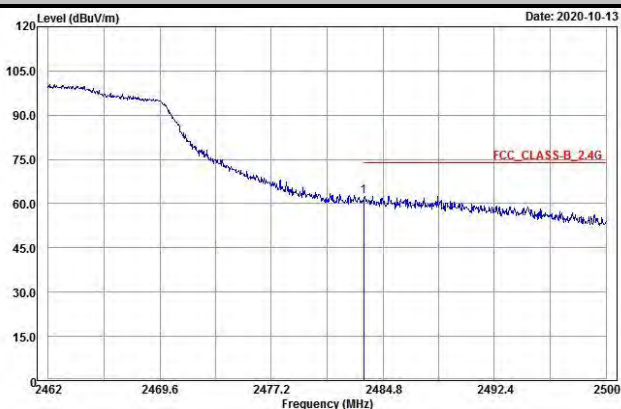
## Ch 9

### Peak

#### Horizontal

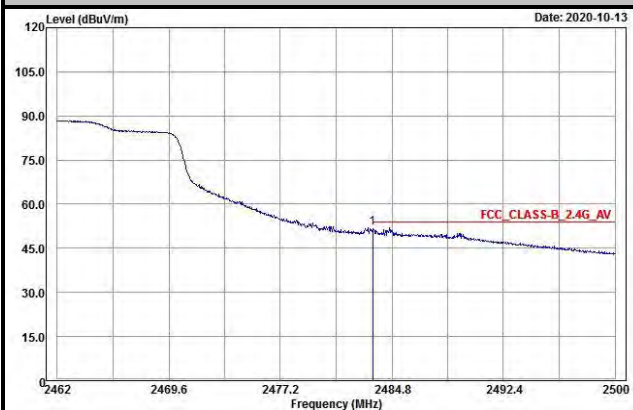


#### Vertical

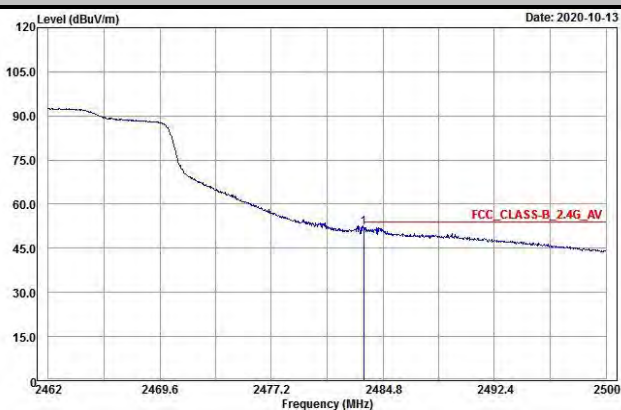


### Average

#### Horizontal

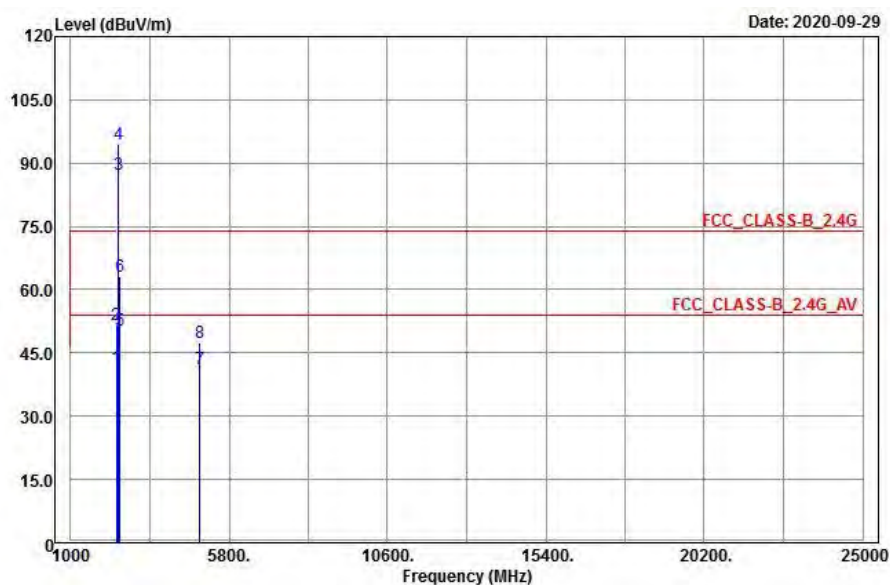


#### Vertical

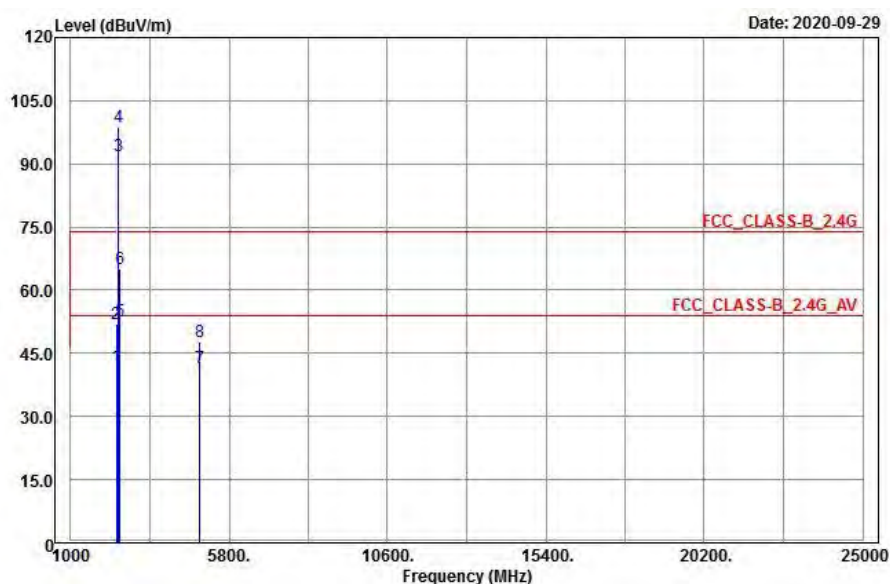


| EUT Test Condition       |                    | Measurement Detail |                           |
|--------------------------|--------------------|--------------------|---------------------------|
| Channel                  | Channel 10         | Frequency Range    | 1 GHz ~ 25 GHz            |
| Input Power              | 120 Vac, 60 Hz     | Detector Function  | Peak (PK)<br>Average (AV) |
| Environmental Conditions | 25 deg. C, 65 % RH | Tested By          | Charles Hsiao             |

## Horizontal



## Vertical



| Antenna Polarity & Test Distance: Horizontal at 3 m |                         |                   |               |                |             |                     |                      |         |
|-----------------------------------------------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| Frequency (MHz)                                     | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
| 2390                                                | 41.63                   | 37.13             | 4.5           | 54             | -12.37      | 100                 | 60                   | Average |
| 2390                                                | 51.7                    | 47.2              | 4.5           | 74             | -22.3       | 100                 | 60                   | Peak    |
| 2457                                                | 87.46                   | 82.84             | 4.62          |                |             | 100                 | 60                   | Average |
| 2457                                                | 94.61                   | 89.99             | 4.62          |                |             | 100                 | 60                   | Peak    |
| 2483.5                                              | 50.34                   | 45.68             | 4.66          | 54             | -3.66       | 100                 | 60                   | Average |
| 2483.5                                              | 63.02                   | 58.36             | 4.66          | 74             | -10.98      | 100                 | 60                   | Peak    |
| 4914                                                | 41.26                   | 31.11             | 10.15         | 54             | -12.74      | 151                 | 91                   | Average |
| 4914                                                | 47.33                   | 37.18             | 10.15         | 74             | -26.67      | 151                 | 91                   | Peak    |
| Antenna Polarity & Test Distance: Vertical at 3 m   |                         |                   |               |                |             |                     |                      |         |
| Frequency (MHz)                                     | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
| 2390                                                | 41.91                   | 37.41             | 4.5           | 54             | -12.09      | 181                 | 200                  | Average |
| 2390                                                | 51.9                    | 47.4              | 4.5           | 74             | -22.1       | 181                 | 200                  | Peak    |
| 2457                                                | 91.88                   | 87.26             | 4.62          |                |             | 181                 | 200                  | Average |
| 2457                                                | 98.81                   | 94.19             | 4.62          |                |             | 181                 | 200                  | Peak    |
| 2483.5                                              | 52.48                   | 47.82             | 4.66          | 54             | -1.52       | 181                 | 200                  | Average |
| 2483.5                                              | 65.11                   | 60.45             | 4.66          | 74             | -8.89       | 181                 | 200                  | Peak    |
| 4914                                                | 41.47                   | 31.32             | 10.15         | 54             | -12.53      | 195                 | 342                  | Average |
| 4914                                                | 47.67                   | 37.52             | 10.15         | 74             | -26.33      | 195                 | 342                  | Peak    |

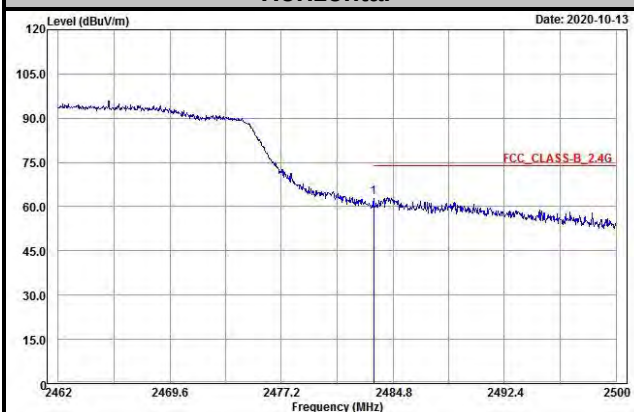
Remarks:

1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 2457 MHz: Fundamental Frequency.
3. The other emission levels were very low against the limit.

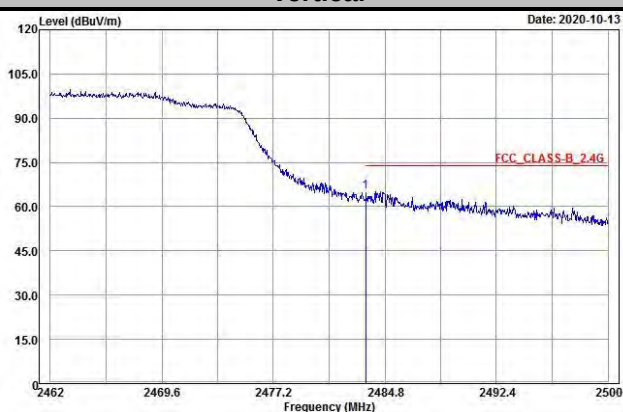
## Ch 10

### Peak

#### Horizontal

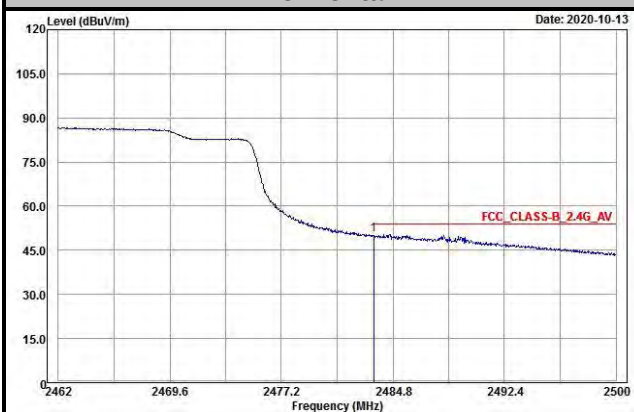


#### Vertical

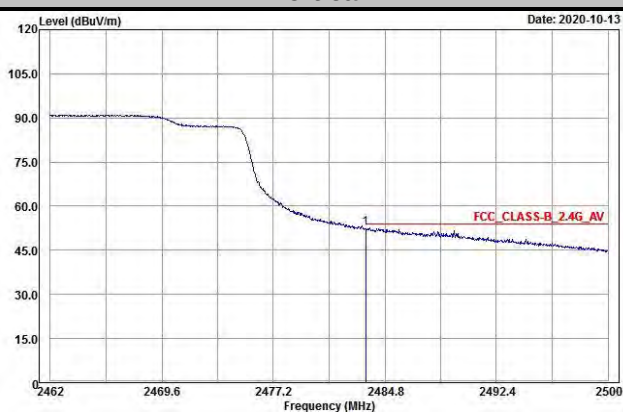


### Average

#### Horizontal

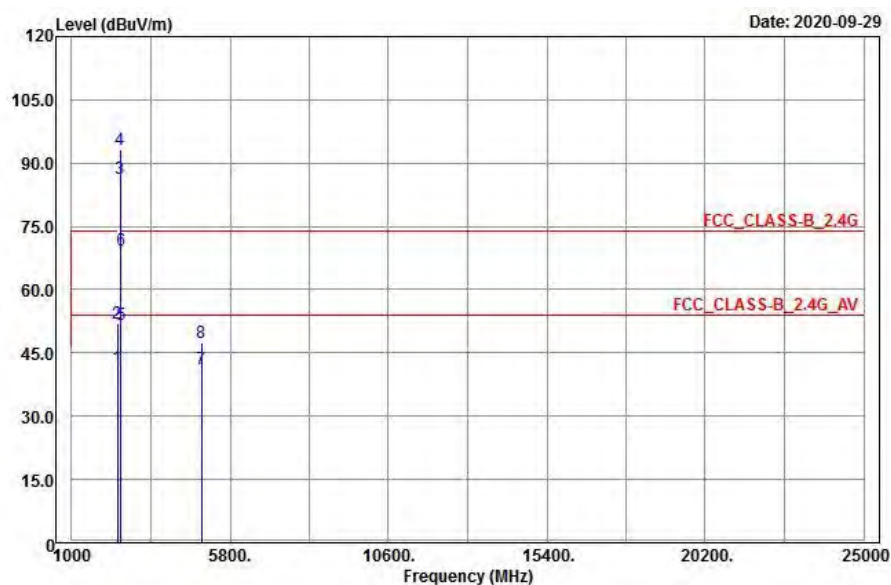


#### Vertical

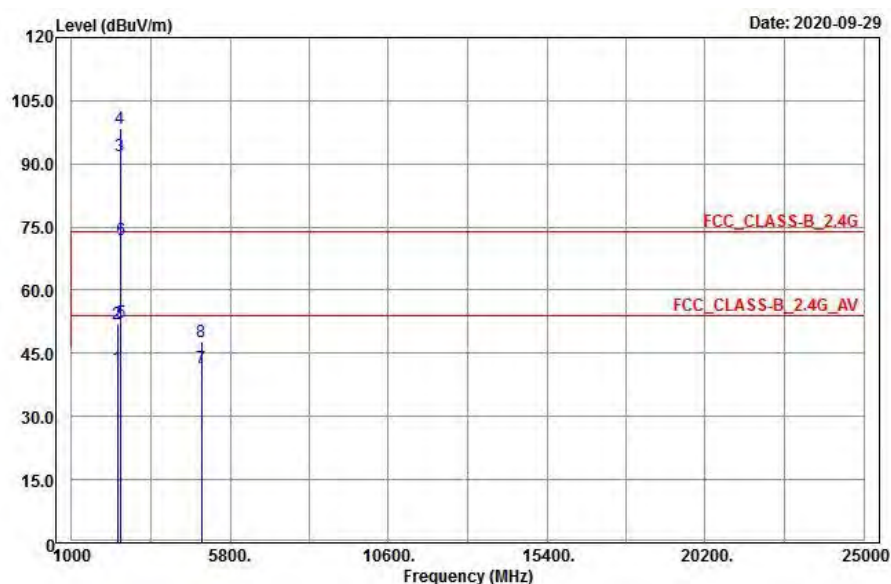


| EUT Test Condition       |                    | Measurement Detail |                           |
|--------------------------|--------------------|--------------------|---------------------------|
| Channel                  | Channel 11         | Frequency Range    | 1 GHz ~ 25 GHz            |
| Input Power              | 120 Vac, 60 Hz     | Detector Function  | Peak (PK)<br>Average (AV) |
| Environmental Conditions | 25 deg. C, 65 % RH | Tested By          | Charles Hsiao             |

## Horizontal



## Vertical



**Antenna Polarity & Test Distance: Horizontal at 3 m**

| Frequency (MHz) | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
|-----------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| 2390            | 41.65                   | 37.15             | 4.5           | 54             | -12.35      | 100                 | 60                   | Average |
| 2390            | 52.06                   | 47.56             | 4.5           | 74             | -21.94      | 100                 | 60                   | Peak    |
| 2462            | 86.48                   | 81.86             | 4.62          |                |             | 100                 | 60                   | Average |
| 2462            | 93.25                   | 88.63             | 4.62          |                |             | 100                 | 60                   | Peak    |
| 2483.5          | 51.76                   | 47.1              | 4.66          | 54             | -2.24       | 100                 | 60                   | Average |
| 2483.5          | 69.31                   | 64.65             | 4.66          | 74             | -4.69       | 100                 | 60                   | Peak    |
| 4924            | 41.29                   | 31.04             | 10.25         | 54             | -12.71      | 150                 | 27                   | Average |
| 4924            | 47.48                   | 37.23             | 10.25         | 74             | -26.52      | 150                 | 27                   | Peak    |

**Antenna Polarity & Test Distance: Vertical at 3 m**

| Frequency (MHz) | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
|-----------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| 2390            | 41.68                   | 37.18             | 4.5           | 54             | -12.32      | 180                 | 218                  | Average |
| 2390            | 52.01                   | 47.51             | 4.5           | 74             | -21.99      | 180                 | 218                  | Peak    |
| 2462            | 91.89                   | 87.27             | 4.62          |                |             | 180                 | 218                  | Average |
| 2462            | 98.29                   | 93.67             | 4.62          |                |             | 180                 | 218                  | Peak    |
| 2483.5          | 52.46                   | 47.8              | 4.66          | 54             | -1.54       | 180                 | 218                  | Average |
| 2483.5          | 71.93                   | 67.27             | 4.66          | 74             | -2.07       | 180                 | 218                  | Peak    |
| 4924            | 41.59                   | 31.34             | 10.25         | 54             | -12.41      | 102                 | 176                  | Average |
| 4924            | 47.87                   | 37.62             | 10.25         | 74             | -26.13      | 102                 | 176                  | Peak    |

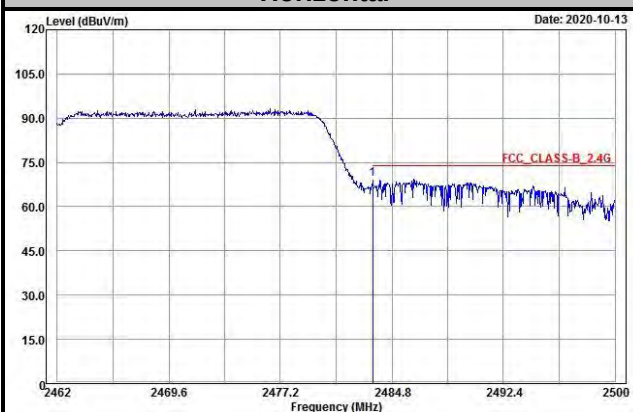
**Remarks:**

1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 2462 MHz: Fundamental Frequency.
3. The other emission levels were very low against the limit.

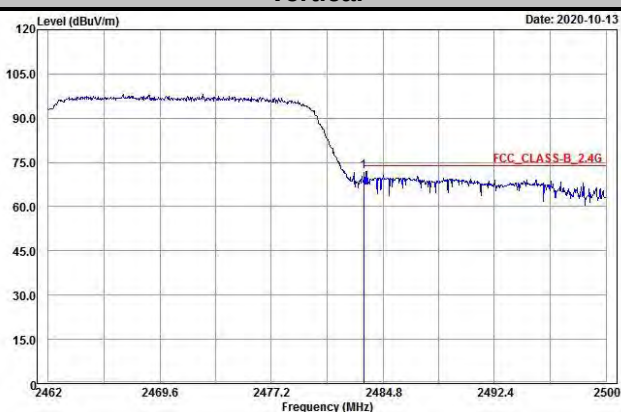
## Ch 11

### Peak

#### Horizontal

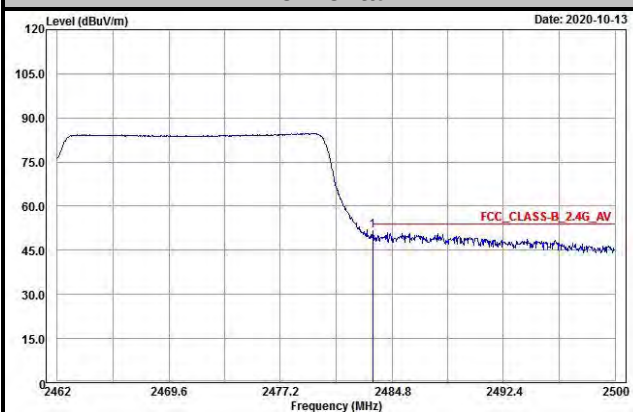


#### Vertical

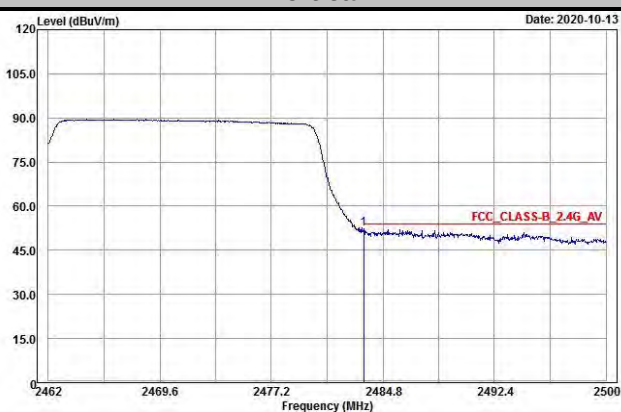


### Average

#### Horizontal



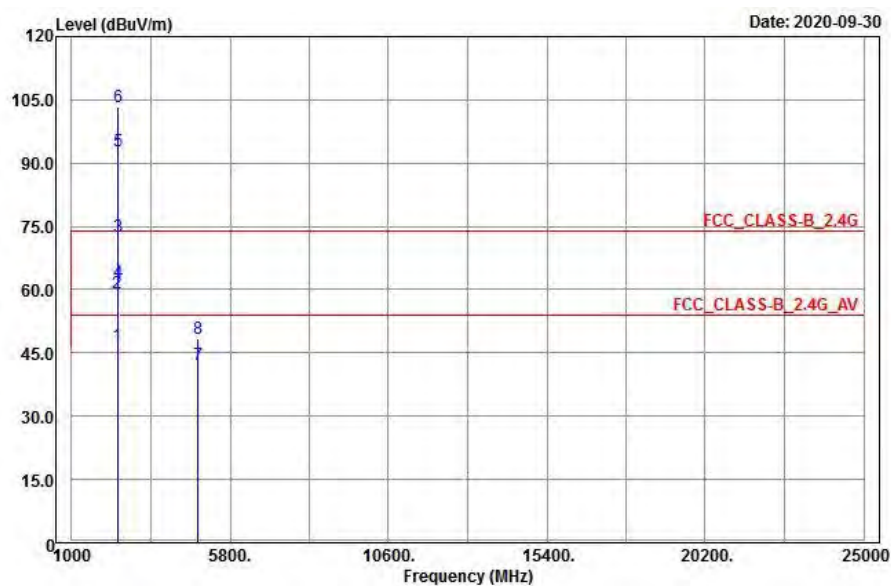
#### Vertical



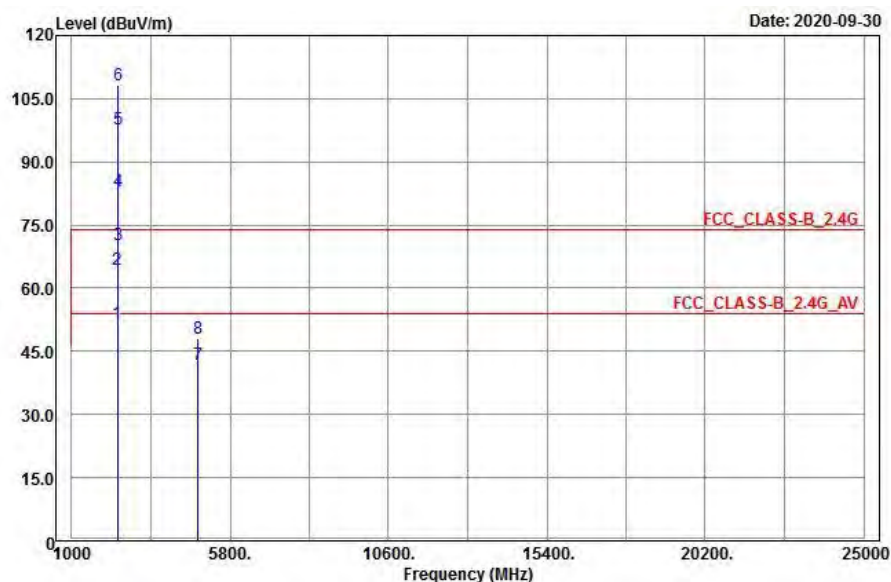
## 802.11ax (HE20)

| EUT Test Condition       |                    | Measurement Detail |                           |
|--------------------------|--------------------|--------------------|---------------------------|
| Channel                  | Channel 1          | Frequency Range    | 1 GHz ~ 25 GHz            |
| Input Power              | 120 Vac, 60 Hz     | Detector Function  | Peak (PK)<br>Average (AV) |
| Environmental Conditions | 25 deg. C, 65 % RH | Tested By          | Charles Hsiao             |

### Horizontal



### Vertical



| Antenna Polarity & Test Distance: Horizontal at 3 m |                         |                   |               |                |             |                     |                      |         |
|-----------------------------------------------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| Frequency (MHz)                                     | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
| 2390                                                | 46.64                   | 42.14             | 4.5           | 54             | -7.36       | 103                 | 63                   | Average |
| 2390                                                | 59.3                    | 54.8              | 4.5           | 74             | -14.7       | 103                 | 63                   | Peak    |
| 2399.99                                             | 72.55                   | 68.03             | 4.52          | 72.96          | -0.41       | 103                 | 63                   | Peak    |
| 2399.99                                             | 61.75                   | 57.23             | 4.52          | 83.22          | -21.47      | 103                 | 63                   | Peak    |
| 2412                                                | 92.96                   | 88.41             | 4.55          |                |             | 103                 | 63                   | Average |
| 2412                                                | 103.22                  | 98.67             | 4.55          |                |             | 103                 | 63                   | Peak    |
| 4824                                                | 42.11                   | 31.82             | 10.29         | 54             | -11.89      | 160                 | 208                  | Average |
| 4824                                                | 48.33                   | 38.04             | 10.29         | 74             | -25.67      | 160                 | 208                  | Peak    |
| Antenna Polarity & Test Distance: Vertical at 3 m   |                         |                   |               |                |             |                     |                      |         |
| Frequency (MHz)                                     | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
| 2390                                                | 51.7                    | 47.2              | 4.5           | 54             | -2.3        | 110                 | 205                  | Average |
| 2390                                                | 64.54                   | 60.04             | 4.5           | 74             | -9.46       | 110                 | 205                  | Peak    |
| 2399.99                                             | 70.25                   | 65.73             | 4.52          | 77.8           | -7.55       | 110                 | 205                  | Average |
| 2399.99                                             | 83.12                   | 78.6              | 4.52          | 88.09          | -4.97       | 110                 | 205                  | Peak    |
| 2412                                                | 97.8                    | 93.25             | 4.55          |                |             | 110                 | 205                  | Average |
| 2412                                                | 108.09                  | 103.54            | 4.55          |                |             | 110                 | 205                  | Peak    |
| 4824                                                | 41.84                   | 31.55             | 10.29         | 54             | -12.16      | 134                 | 177                  | Average |
| 4824                                                | 48.21                   | 37.92             | 10.29         | 74             | -25.79      | 134                 | 177                  | Peak    |

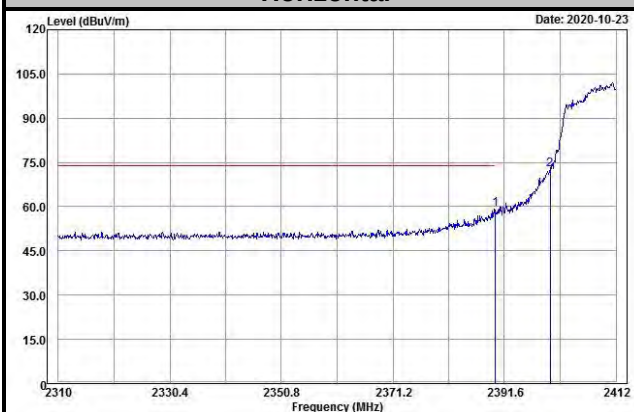
Remarks:

1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 2412 MHz: Fundamental Frequency.
3. The other emission levels were very low against the limit.

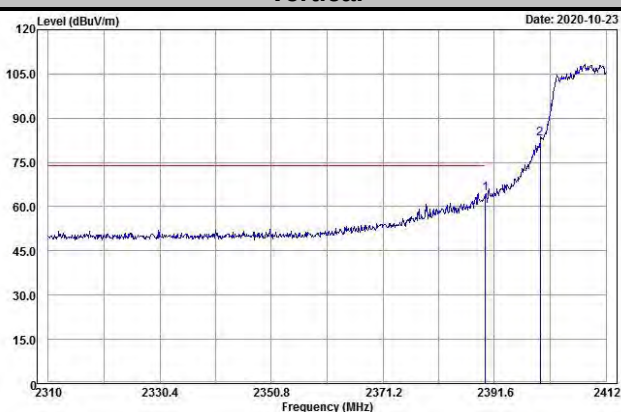
# Ch 1

## Peak

### Horizontal

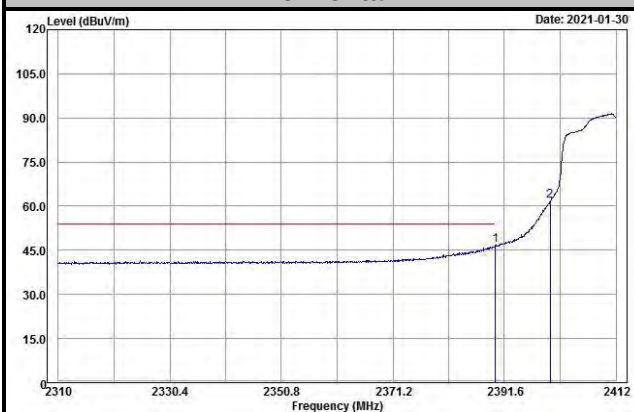


### Vertical

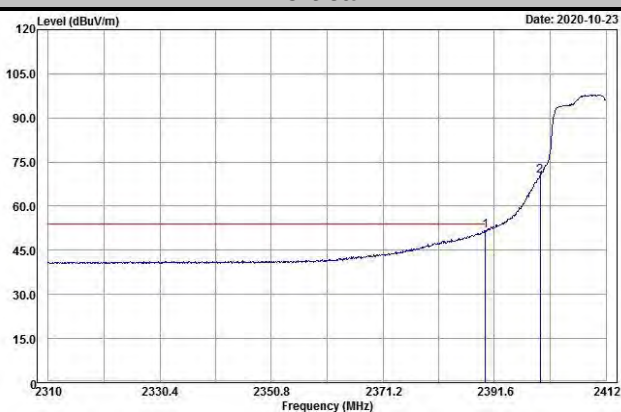


## Average

### Horizontal

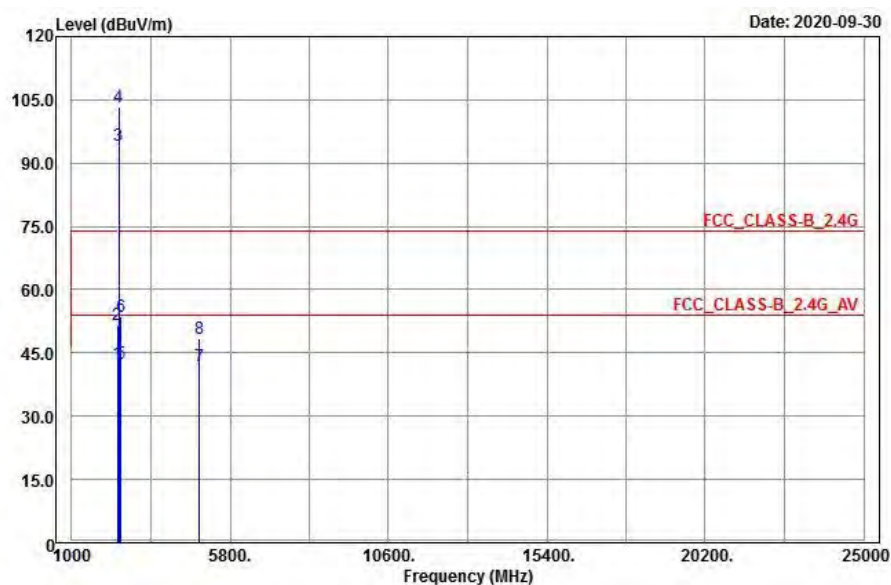


### Vertical

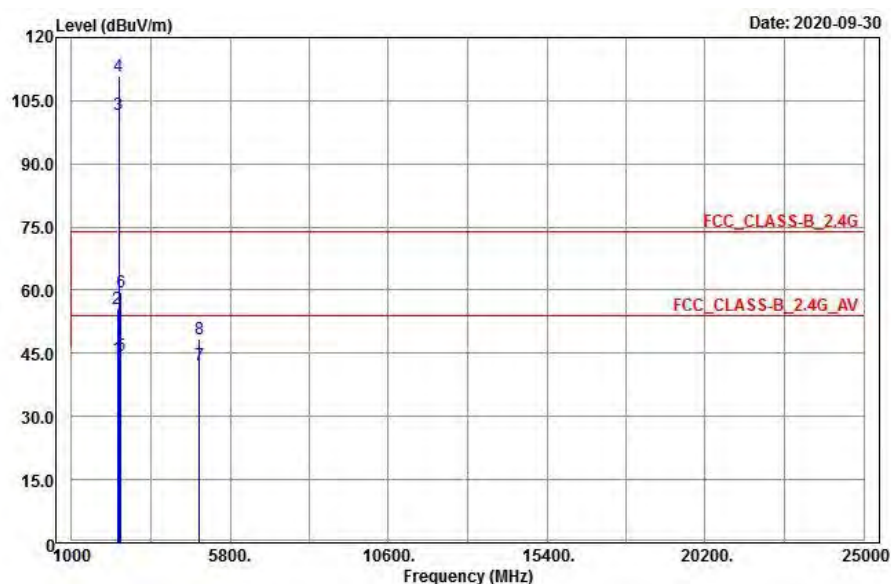


| EUT Test Condition       |                    | Measurement Detail |                           |
|--------------------------|--------------------|--------------------|---------------------------|
| Channel                  | Channel 6          | Frequency Range    | 1 GHz ~ 25 GHz            |
| Input Power              | 120 Vac, 60 Hz     | Detector Function  | Peak (PK)<br>Average (AV) |
| Environmental Conditions | 25 deg. C, 65 % RH | Tested By          | Charles Hsiao             |

## Horizontal



## Vertical



| Antenna Polarity & Test Distance: Horizontal at 3 m |                         |                   |               |                |             |                     |                      |         |
|-----------------------------------------------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| Frequency (MHz)                                     | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
| 2390                                                | 42.4                    | 37.9              | 4.5           | 54             | -11.6       | 132                 | 67                   | Average |
| 2390                                                | 51.69                   | 47.19             | 4.5           | 74             | -22.31      | 132                 | 67                   | Peak    |
| 2437                                                | 94.19                   | 89.6              | 4.59          |                |             | 132                 | 67                   | Average |
| 2437                                                | 103.47                  | 98.88             | 4.59          |                |             | 132                 | 67                   | Peak    |
| 2483.5                                              | 42.54                   | 37.88             | 4.66          | 54             | -11.46      | 132                 | 67                   | Average |
| 2483.5                                              | 53.76                   | 49.1              | 4.66          | 74             | -20.24      | 132                 | 67                   | Peak    |
| 4874                                                | 41.94                   | 31.73             | 10.21         | 54             | -12.06      | 180                 | 216                  | Average |
| 4874                                                | 48.29                   | 38.08             | 10.21         | 74             | -25.71      | 180                 | 216                  | Peak    |
| Antenna Polarity & Test Distance: Vertical at 3 m   |                         |                   |               |                |             |                     |                      |         |
| Frequency (MHz)                                     | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
| 2390                                                | 43.69                   | 39.19             | 4.5           | 54             | -10.31      | 160                 | 202                  | Average |
| 2390                                                | 55.67                   | 51.17             | 4.5           | 74             | -18.33      | 160                 | 202                  | Peak    |
| 2437                                                | 101.78                  | 97.19             | 4.59          |                |             | 160                 | 202                  | Average |
| 2437                                                | 110.73                  | 106.14            | 4.59          |                |             | 160                 | 202                  | Peak    |
| 2483.5                                              | 44.4                    | 39.74             | 4.66          | 54             | -9.6        | 160                 | 202                  | Average |
| 2483.5                                              | 59.37                   | 54.71             | 4.66          | 74             | -14.63      | 160                 | 202                  | Peak    |
| 4874                                                | 42.02                   | 31.81             | 10.21         | 54             | -11.98      | 135                 | 273                  | Average |
| 4874                                                | 48.37                   | 38.16             | 10.21         | 74             | -25.63      | 135                 | 273                  | Peak    |

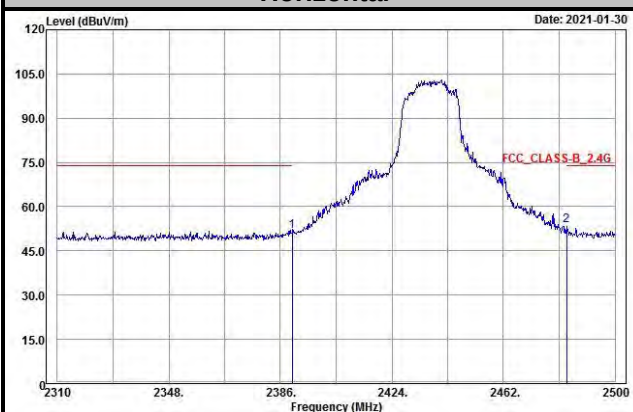
Remarks:

1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 2437 MHz: Fundamental Frequency.
3. The other emission levels were very low against the limit.

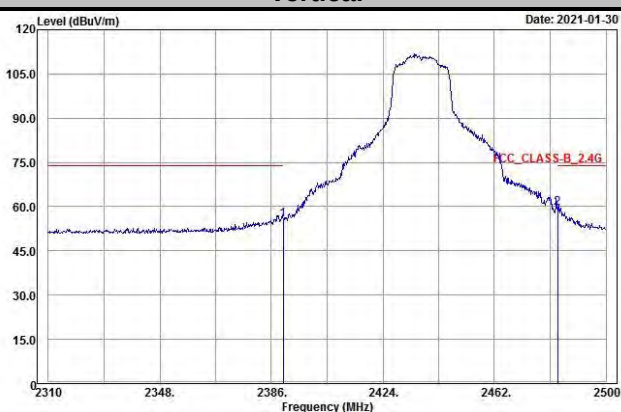
## Ch 6

### Peak

#### Horizontal

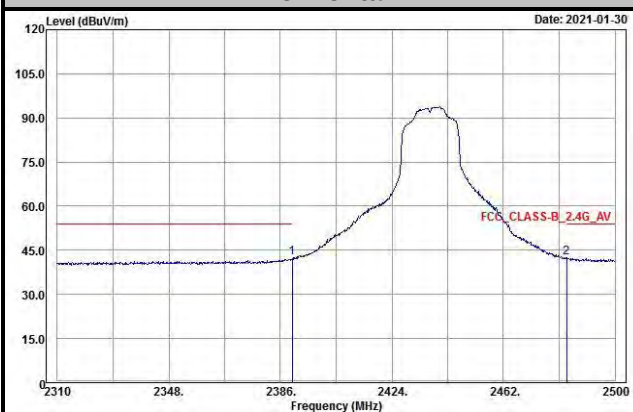


#### Vertical

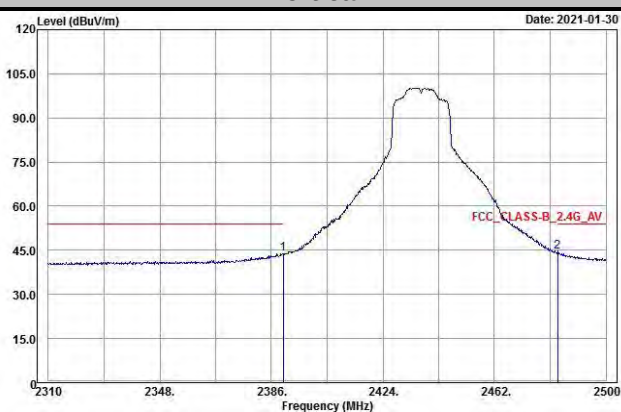


### Average

#### Horizontal

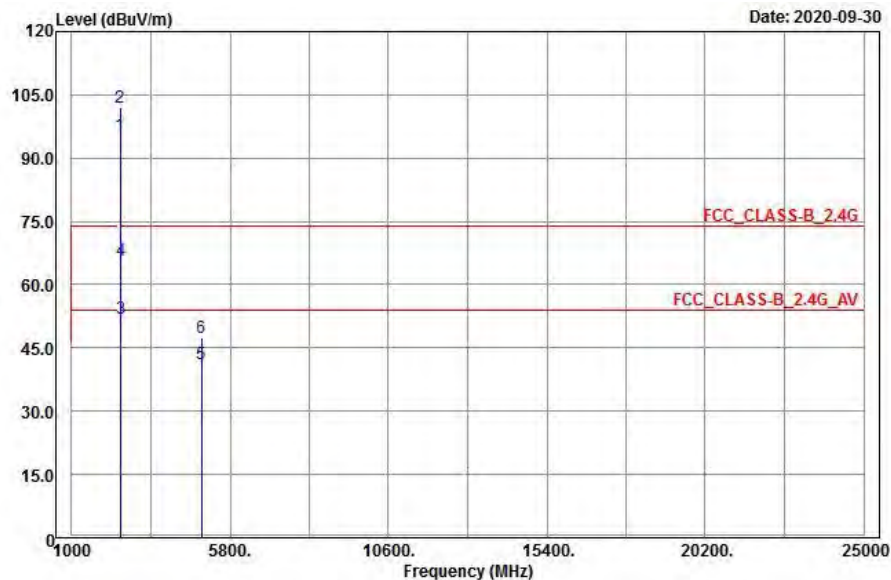


#### Vertical

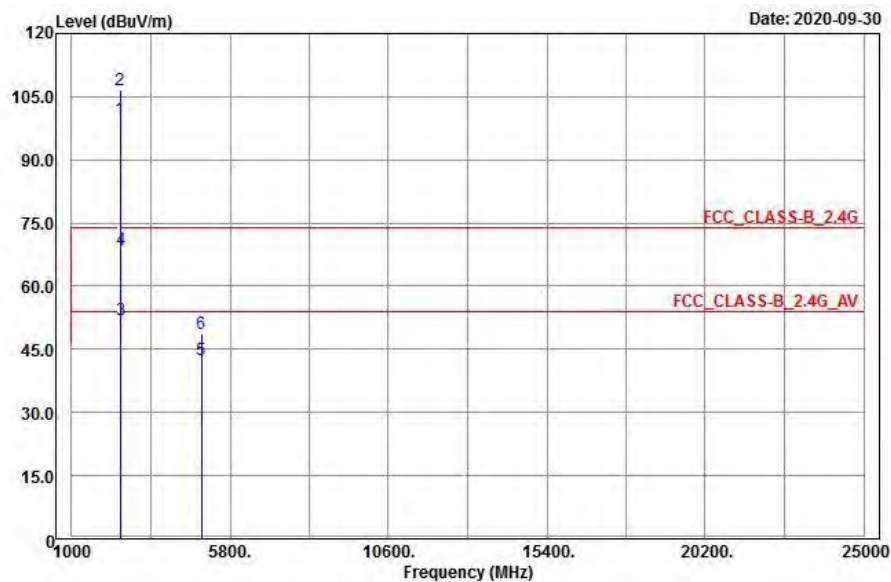


| EUT Test Condition       |                    | Measurement Detail |                           |
|--------------------------|--------------------|--------------------|---------------------------|
| Channel                  | Channel 11         | Frequency Range    | 1 GHz ~ 25 GHz            |
| Input Power              | 120 Vac, 60 Hz     | Detector Function  | Peak (PK)<br>Average (AV) |
| Environmental Conditions | 25 deg. C, 65 % RH | Tested By          | Charles Hsiao             |

### Horizontal



### Vertical



| Antenna Polarity & Test Distance: Horizontal at 3 m |                         |                   |               |                |             |                     |                      |         |
|-----------------------------------------------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| Frequency (MHz)                                     | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
| 2462                                                | 95.51                   | 90.89             | 4.62          |                |             | 100                 | 60                   | Average |
| 2462                                                | 102.01                  | 97.39             | 4.62          |                |             | 100                 | 60                   | Peak    |
| 2483.5                                              | 51.91                   | 47.25             | 4.66          | 54             | -2.09       | 100                 | 60                   | Average |
| 2483.5                                              | 65.84                   | 61.18             | 4.66          | 74             | -8.16       | 100                 | 60                   | Peak    |
| 4924                                                | 41.16                   | 30.91             | 10.25         | 54             | -12.84      | 181                 | 137                  | Average |
| 4924                                                | 47.28                   | 37.03             | 10.25         | 74             | -26.72      | 181                 | 137                  | Peak    |
| Antenna Polarity & Test Distance: Vertical at 3 m   |                         |                   |               |                |             |                     |                      |         |
| Frequency (MHz)                                     | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
| 2462                                                | 99.66                   | 95.04             | 4.62          |                |             | 120                 | 198                  | Average |
| 2462                                                | 106.59                  | 101.97            | 4.62          |                |             | 120                 | 198                  | Peak    |
| 2483.5                                              | 52.09                   | 47.43             | 4.66          | 54             | -1.91       | 120                 | 198                  | Average |
| 2483.5                                              | 68.56                   | 63.9              | 4.66          | 74             | -5.44       | 120                 | 198                  | Peak    |
| 4924                                                | 42.64                   | 32.39             | 10.25         | 54             | -11.36      | 144                 | 151                  | Average |
| 4924                                                | 48.86                   | 38.61             | 10.25         | 74             | -25.14      | 144                 | 151                  | Peak    |

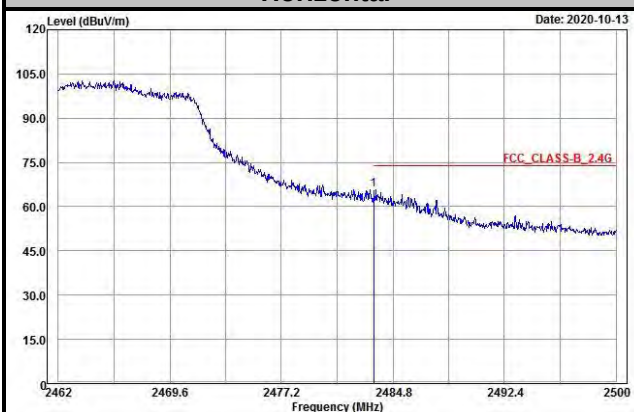
Remarks:

1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 2462 MHz: Fundamental Frequency.
3. The other emission levels were very low against the limit.

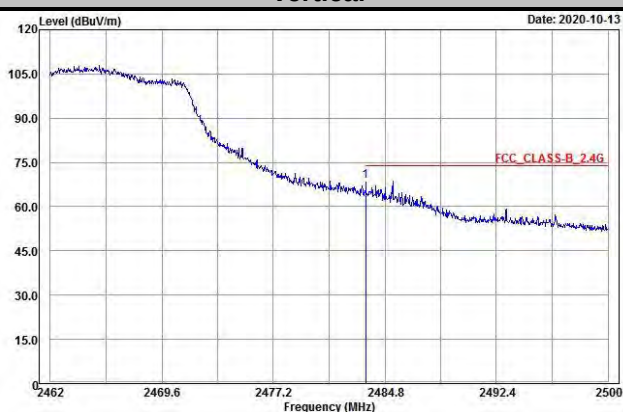
## Ch 11

### Peak

#### Horizontal

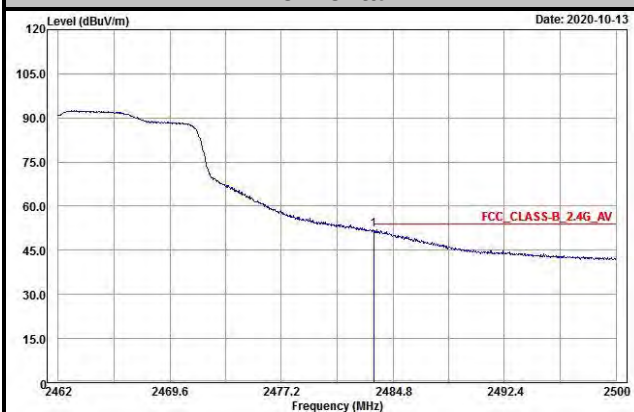


#### Vertical

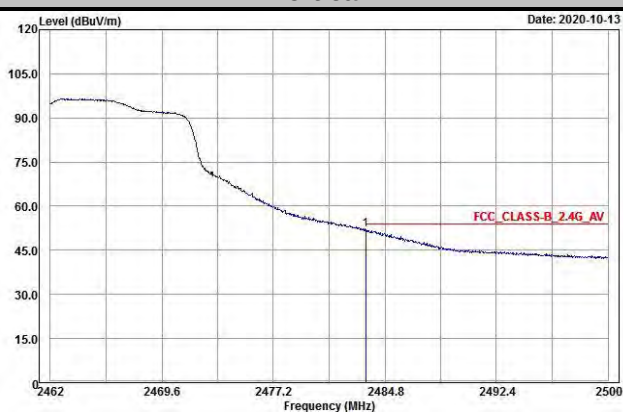


### Average

#### Horizontal

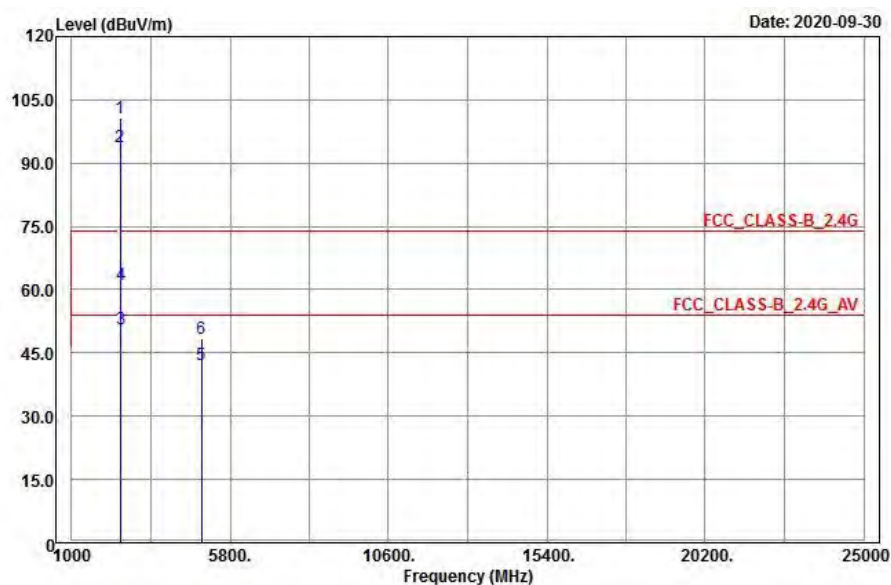


#### Vertical

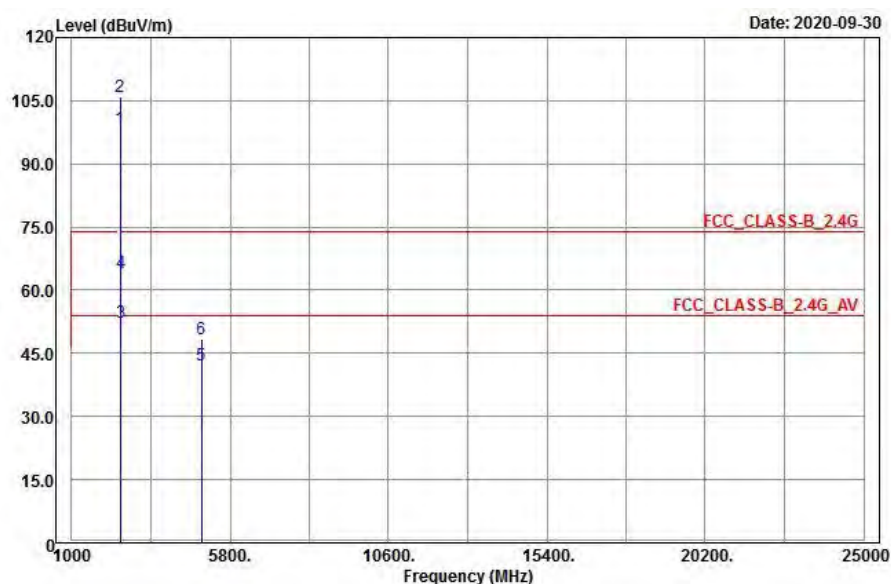


| EUT Test Condition       |                    | Measurement Detail |                           |
|--------------------------|--------------------|--------------------|---------------------------|
| Channel                  | Channel 12         | Frequency Range    | 1 GHz ~ 25 GHz            |
| Input Power              | 120 Vac, 60 Hz     | Detector Function  | Peak (PK)<br>Average (AV) |
| Environmental Conditions | 25 deg. C, 65 % RH | Tested By          | Charles Hsiao             |

## Horizontal



## Vertical



| Antenna Polarity & Test Distance: Horizontal at 3 m |                         |                   |               |                |             |                     |                      |         |
|-----------------------------------------------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| Frequency (MHz)                                     | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
| 2464                                                | 100.86                  | 96.24             | 4.62          |                |             | 100                 | 60                   | Peak    |
| 2467                                                | 93.73                   | 89.1              | 4.63          |                |             | 100                 | 60                   | Average |
| 2483.5                                              | 50.55                   | 45.89             | 4.66          | 54             | -3.45       | 100                 | 60                   | Average |
| 2483.5                                              | 61.15                   | 56.49             | 4.66          | 74             | -12.85      | 100                 | 60                   | Peak    |
| 4934                                                | 42.16                   | 31.9              | 10.26         | 54             | -11.84      | 125                 | 73                   | Average |
| 4934                                                | 48.28                   | 38.02             | 10.26         | 74             | -25.72      | 125                 | 73                   | Peak    |
| Antenna Polarity & Test Distance: Vertical at 3 m   |                         |                   |               |                |             |                     |                      |         |
| Frequency (MHz)                                     | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
| 2467                                                | 98.48                   | 93.85             | 4.63          |                |             | 181                 | 200                  | Average |
| 2467                                                | 105.93                  | 101.3             | 4.63          |                |             | 181                 | 200                  | Peak    |
| 2483.5                                              | 52.27                   | 47.61             | 4.66          | 54             | -1.73       | 181                 | 200                  | Average |
| 2483.5                                              | 64.22                   | 59.56             | 4.66          | 74             | -9.78       | 181                 | 200                  | Peak    |
| 4934                                                | 42.28                   | 32.02             | 10.26         | 54             | -11.72      | 152                 | 341                  | Average |
| 4934                                                | 48.46                   | 38.2              | 10.26         | 74             | -25.54      | 152                 | 341                  | Peak    |

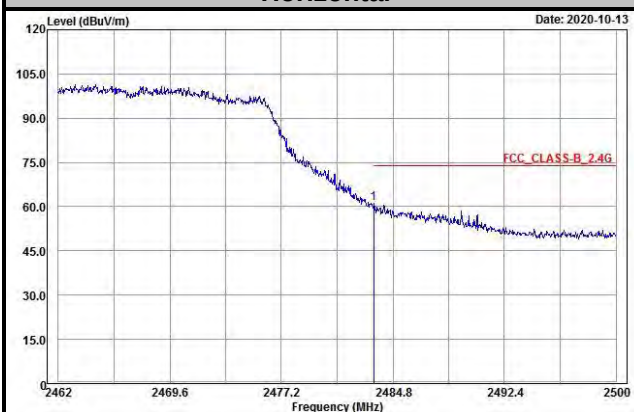
Remarks:

1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 2467 MHz: Fundamental Frequency.
3. The other emission levels were very low against the limit.

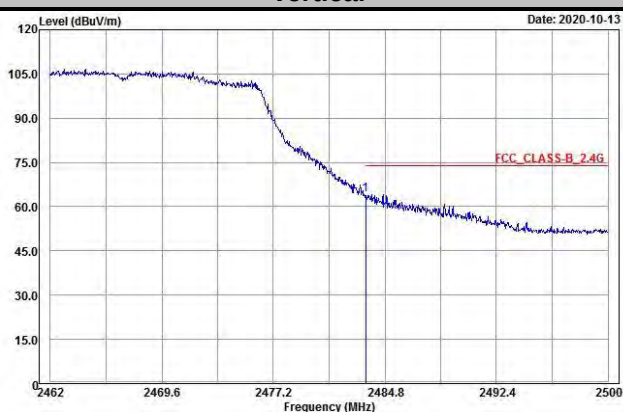
## Ch 12

### Peak

#### Horizontal



#### Vertical



### Average

#### Horizontal

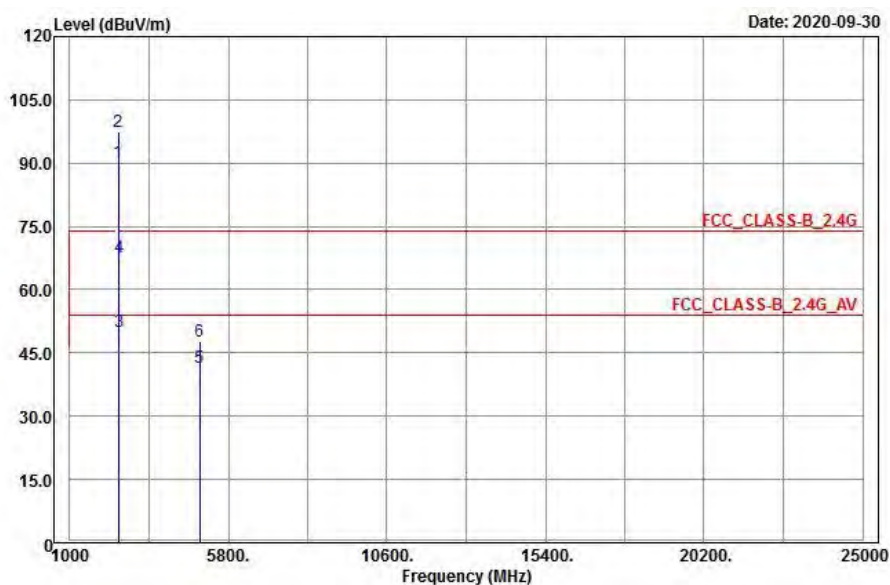


#### Vertical

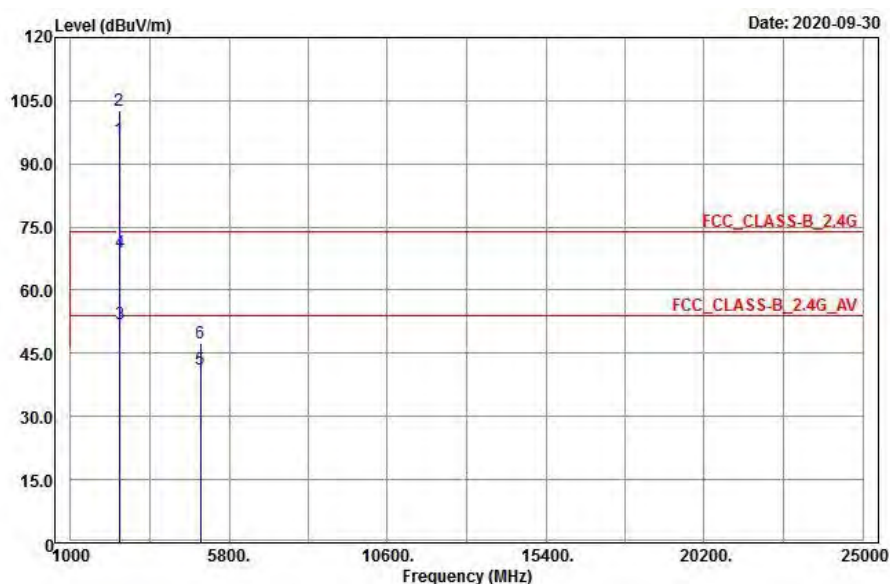


| EUT Test Condition       |                    | Measurement Detail |                           |
|--------------------------|--------------------|--------------------|---------------------------|
| Channel                  | Channel 13         | Frequency Range    | 1 GHz ~ 25 GHz            |
| Input Power              | 120 Vac, 60 Hz     | Detector Function  | Peak (PK)<br>Average (AV) |
| Environmental Conditions | 25 deg. C, 65 % RH | Tested By          | Charles Hsiao             |

## Horizontal



## Vertical



| Antenna Polarity & Test Distance: Horizontal at 3 m |                         |                   |               |                |             |                     |                      |         |
|-----------------------------------------------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| Frequency (MHz)                                     | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
| 2472                                                | 90.33                   | 85.69             | 4.64          |                |             | 100                 | 60                   | Average |
| 2472                                                | 97.59                   | 92.95             | 4.64          |                |             | 100                 | 60                   | Peak    |
| 2483.5                                              | 50.1                    | 45.44             | 4.66          | 54             | -3.9        | 100                 | 60                   | Average |
| 2483.5                                              | 67.64                   | 62.98             | 4.66          | 74             | -6.36       | 100                 | 60                   | Peak    |
| 4944                                                | 41.54                   | 31.19             | 10.35         | 54             | -12.46      | 195                 | 336                  | Average |
| 4944                                                | 47.67                   | 37.32             | 10.35         | 74             | -26.33      | 195                 | 336                  | Peak    |
| Antenna Polarity & Test Distance: Vertical at 3 m   |                         |                   |               |                |             |                     |                      |         |
| Frequency (MHz)                                     | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
| 2472                                                | 95.77                   | 91.13             | 4.64          |                |             | 180                 | 218                  | Average |
| 2472                                                | 102.58                  | 97.94             | 4.64          |                |             | 180                 | 218                  | Peak    |
| 2483.5                                              | 51.94                   | 47.28             | 4.66          | 54             | -2.06       | 180                 | 218                  | Average |
| 2483.5                                              | 69.09                   | 64.43             | 4.66          | 74             | -4.91       | 180                 | 218                  | Peak    |
| 4944                                                | 41.23                   | 30.88             | 10.35         | 54             | -12.77      | 164                 | 170                  | Average |
| 4944                                                | 47.42                   | 37.07             | 10.35         | 74             | -26.58      | 164                 | 170                  | Peak    |

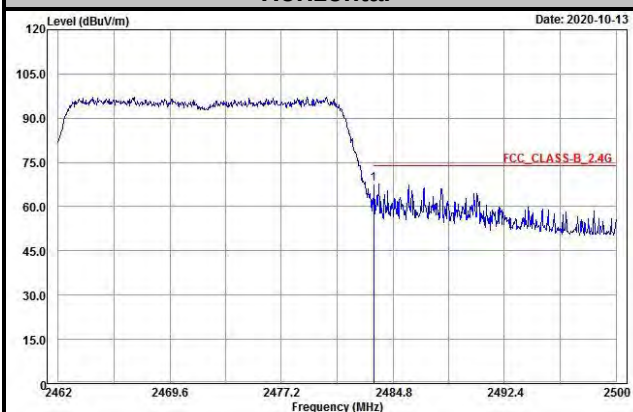
Remarks:

1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 2472 MHz: Fundamental Frequency.
3. The other emission levels were very low against the limit.

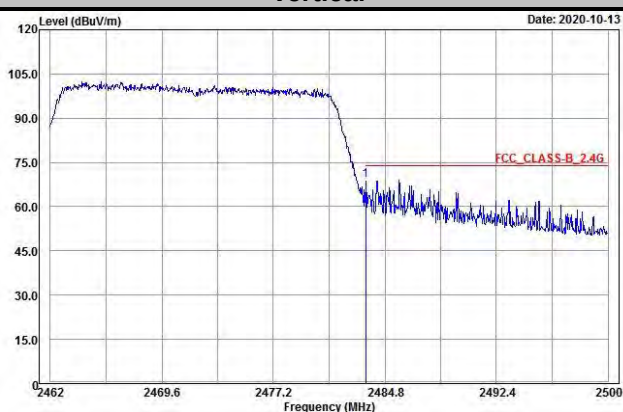
# Ch 13

## Peak

### Horizontal

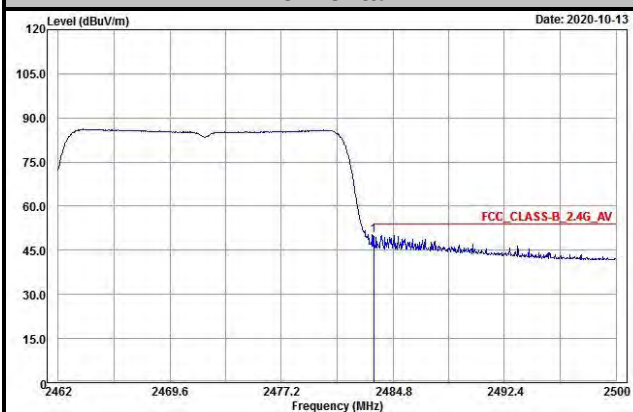


### Vertical

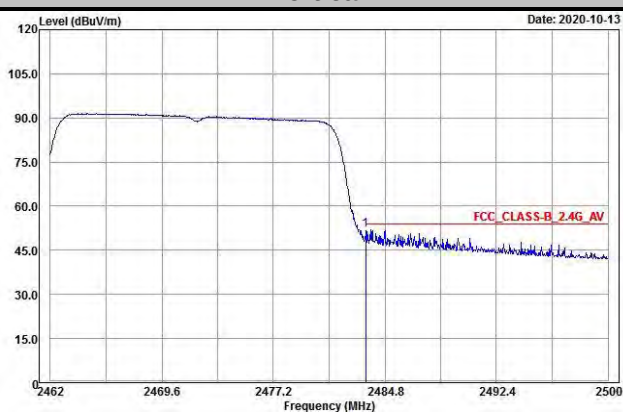


## Average

### Horizontal



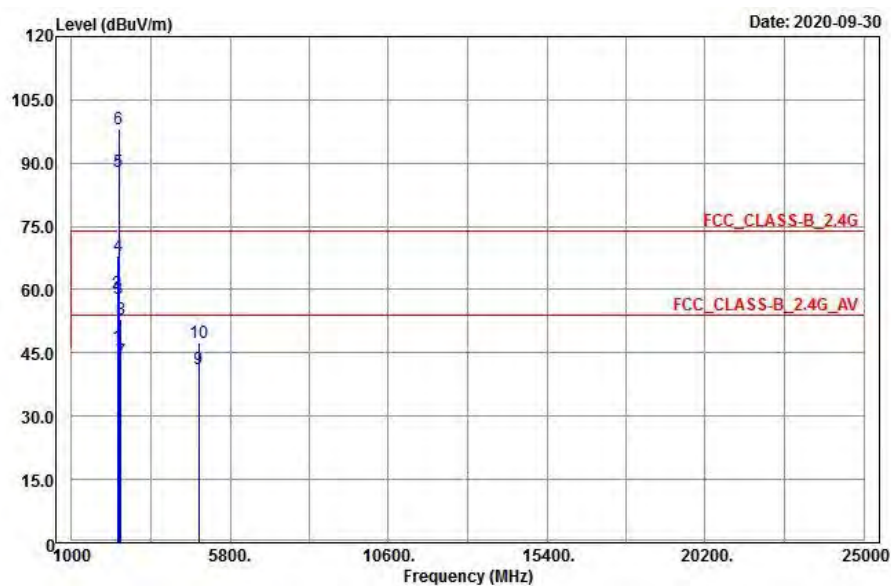
### Vertical



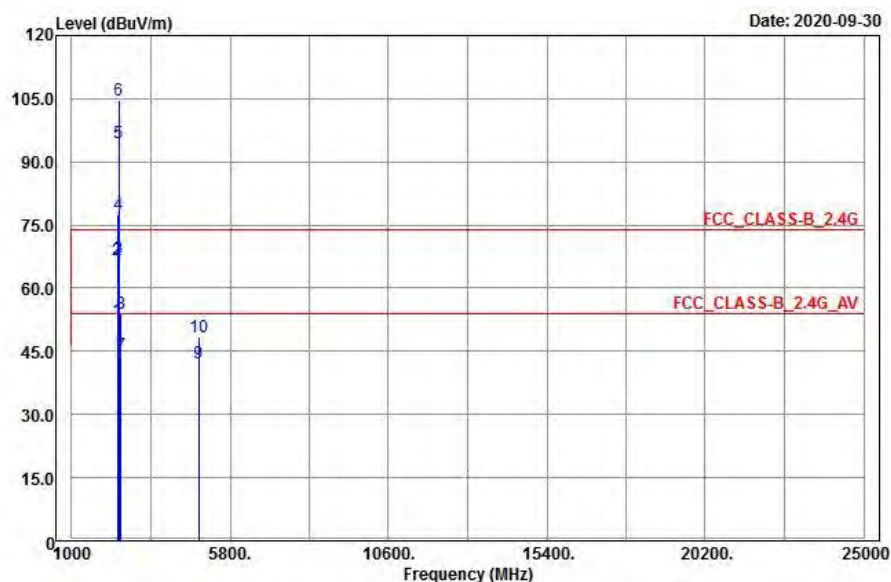
## 802.11ax (HE40)

| EUT Test Condition       |                    | Measurement Detail |                           |
|--------------------------|--------------------|--------------------|---------------------------|
| Channel                  | Channel 3          | Frequency Range    | 1 GHz ~ 25 GHz            |
| Input Power              | 120 Vac, 60 Hz     | Detector Function  | Peak (PK)<br>Average (AV) |
| Environmental Conditions | 25 deg. C, 65 % RH | Tested By          | Charles Hsiao             |

### Horizontal



### Vertical



### Antenna Polarity & Test Distance: Horizontal at 3 m

| Frequency (MHz) | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
|-----------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| 2390            | 46.42                   | 41.92             | 4.5           | 54             | -7.58       | 103                 | 63                   | Average |
| 2390            | 59.32                   | 54.82             | 4.5           | 74             | -14.68      | 103                 | 63                   | Peak    |
| 2399.99         | 57.76                   | 53.24             | 4.52          | 68.04          | -10.28      | 103                 | 63                   | Average |
| 2399.99         | 68.05                   | 63.53             | 4.52          | 78.12          | -10.07      | 103                 | 63                   | Peak    |
| 2422            | 88.04                   | 83.48             | 4.56          |                |             | 103                 | 63                   | Average |
| 2422            | 98.12                   | 93.56             | 4.56          |                |             | 103                 | 63                   | Peak    |
| 2483.5          | 43.18                   | 38.52             | 4.66          | 54             | -10.82      | 103                 | 63                   | Average |
| 2483.5          | 53.08                   | 48.42             | 4.66          | 74             | -20.92      | 103                 | 63                   | Peak    |
| 4844            | 41.31                   | 31.08             | 10.23         | 54             | -12.69      | 181                 | 42                   | Average |
| 4844            | 47.46                   | 37.23             | 10.23         | 74             | -26.54      | 181                 | 42                   | Peak    |

### Antenna Polarity & Test Distance: Vertical at 3 m

| Frequency (MHz) | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
|-----------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| 2390            | 52.43                   | 47.93             | 4.5           | 54             | -1.57       | 165                 | 217                  | Average |
| 2390            | 66.75                   | 62.25             | 4.5           | 74             | -7.25       | 165                 | 217                  | Peak    |
| 2399.99         | 67.11                   | 62.59             | 4.52          | 74.35          | -7.24       | 165                 | 217                  | Average |
| 2399.99         | 77.41                   | 72.89             | 4.52          | 84.5           | -7.09       | 165                 | 217                  | Peak    |
| 2422            | 94.35                   | 89.79             | 4.56          |                |             | 165                 | 217                  | Average |
| 2422            | 104.5                   | 99.94             | 4.56          |                |             | 165                 | 217                  | Peak    |
| 2483.5          | 44.15                   | 39.49             | 4.66          | 54             | -9.85       | 165                 | 217                  | Average |
| 2483.5          | 54.09                   | 49.43             | 4.66          | 74             | -19.91      | 165                 | 217                  | Peak    |
| 4844            | 42.21                   | 31.98             | 10.23         | 54             | -11.79      | 132                 | 194                  | Average |
| 4844            | 48.52                   | 38.29             | 10.23         | 74             | -25.48      | 132                 | 194                  | Peak    |

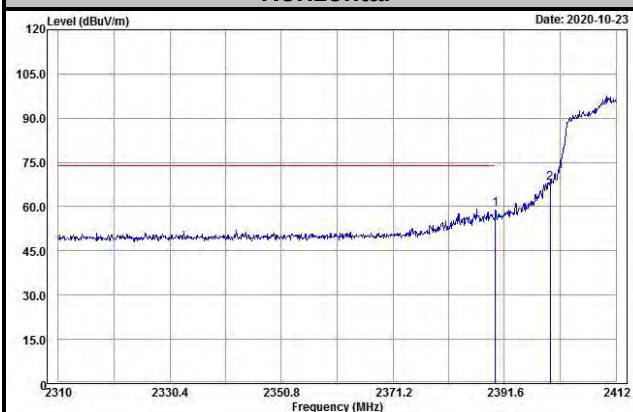
#### Remarks:

1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 2422 MHz: Fundamental Frequency.
3. The other emission levels were very low against the limit.

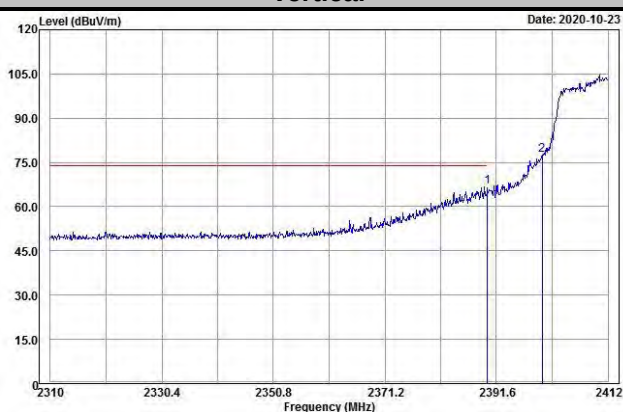
### Ch 3

#### Peak

##### Horizontal

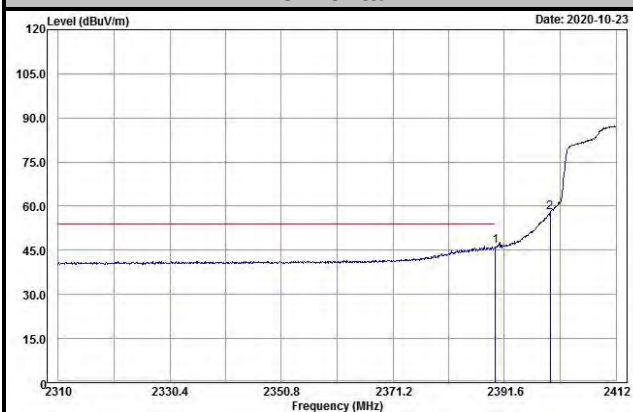


##### Vertical

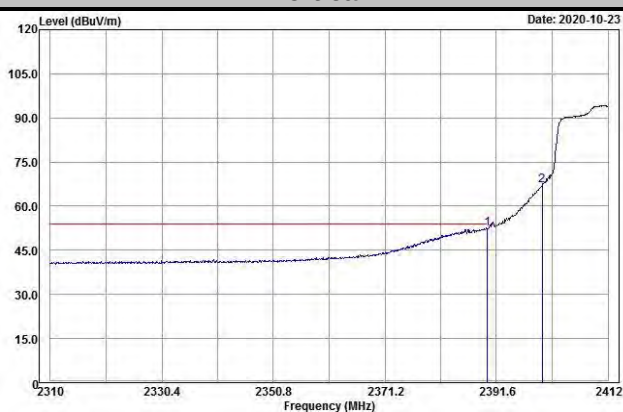


#### Average

##### Horizontal

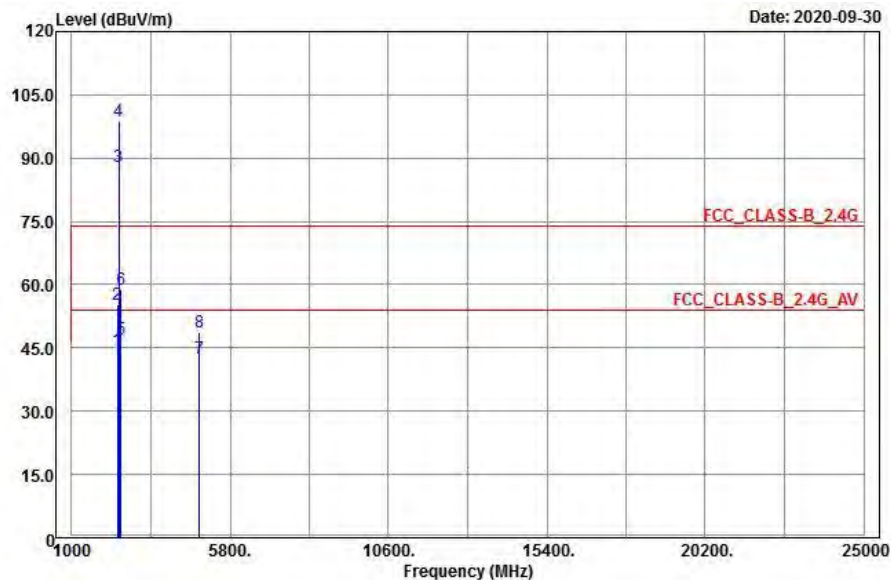


##### Vertical

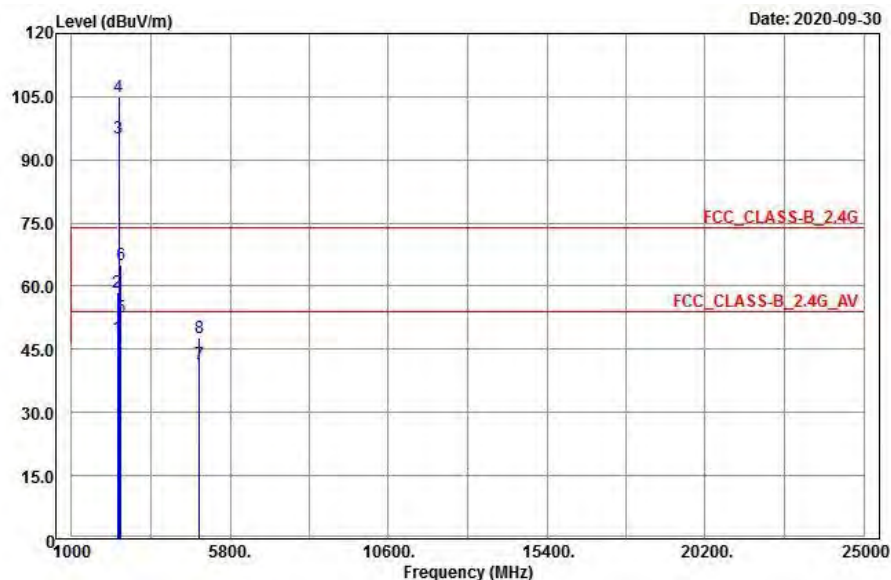


| EUT Test Condition       |                    | Measurement Detail |                           |
|--------------------------|--------------------|--------------------|---------------------------|
| Channel                  | Channel 6          | Frequency Range    | 1 GHz ~ 25 GHz            |
| Input Power              | 120 Vac, 60 Hz     | Detector Function  | Peak (PK)<br>Average (AV) |
| Environmental Conditions | 25 deg. C, 65 % RH | Tested By          | Charles Hsiao             |

### Horizontal



### Vertical



**Antenna Polarity & Test Distance: Horizontal at 3 m**

| Frequency (MHz) | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
|-----------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| 2390            | 44.54                   | 40.04             | 4.5           | 54             | -9.46       | 132                 | 68                   | Average |
| 2390            | 55.34                   | 50.84             | 4.5           | 74             | -18.66      | 132                 | 68                   | Peak    |
| 2437            | 87.92                   | 83.33             | 4.59          |                |             | 132                 | 68                   | Average |
| 2437            | 98.68                   | 94.09             | 4.59          |                |             | 132                 | 68                   | Peak    |
| 2483.5          | 47.13                   | 42.47             | 4.66          | 54             | -6.87       | 132                 | 68                   | Average |
| 2483.5          | 58.7                    | 54.04             | 4.66          | 74             | -15.3       | 132                 | 68                   | Peak    |
| 4874            | 42.41                   | 32.2              | 10.21         | 54             | -11.59      | 129                 | 61                   | Average |
| 4874            | 48.61                   | 38.4              | 10.21         | 74             | -25.39      | 129                 | 61                   | Peak    |

**Antenna Polarity & Test Distance: Vertical at 3 m**

| Frequency (MHz) | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
|-----------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| 2390            | 47.69                   | 43.19             | 4.5           | 54             | -6.31       | 160                 | 202                  | Average |
| 2390            | 58.62                   | 54.12             | 4.5           | 74             | -15.38      | 160                 | 202                  | Peak    |
| 2437            | 95.11                   | 90.52             | 4.59          |                |             | 160                 | 202                  | Average |
| 2437            | 104.98                  | 100.39            | 4.59          |                |             | 160                 | 202                  | Peak    |
| 2483.5          | 52.5                    | 47.84             | 4.66          | 54             | -1.5        | 160                 | 202                  | Average |
| 2483.5          | 65.05                   | 60.39             | 4.66          | 74             | -8.95       | 160                 | 202                  | Peak    |
| 4874            | 41.52                   | 31.31             | 10.21         | 54             | -12.48      | 106                 | 236                  | Average |
| 4874            | 47.61                   | 37.4              | 10.21         | 74             | -26.39      | 106                 | 236                  | Peak    |

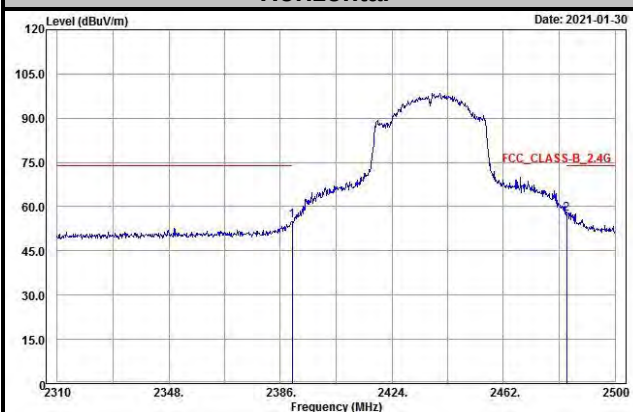
**Remarks:**

1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 2437 MHz: Fundamental Frequency.
3. The other emission levels were very low against the limit.

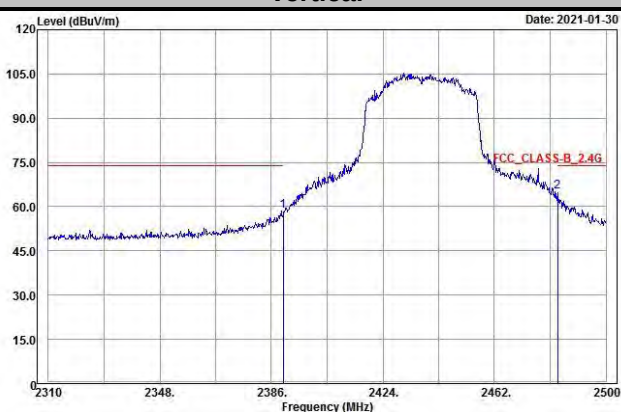
## Ch 6

### Peak

#### Horizontal

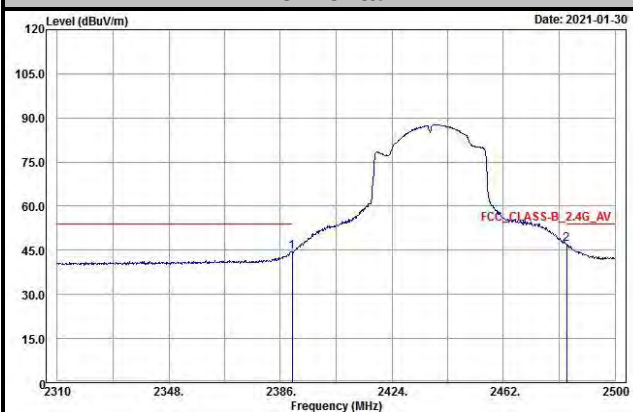


#### Vertical

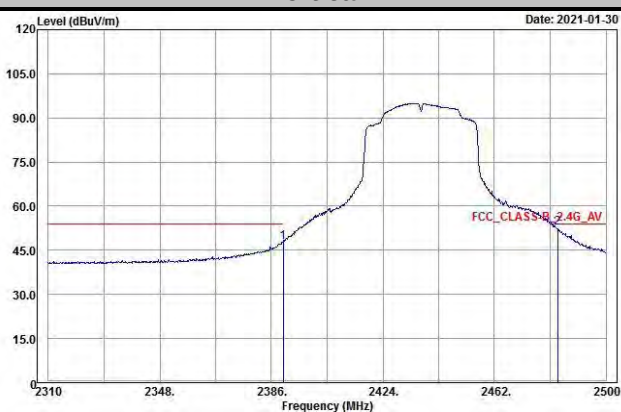


### Average

#### Horizontal

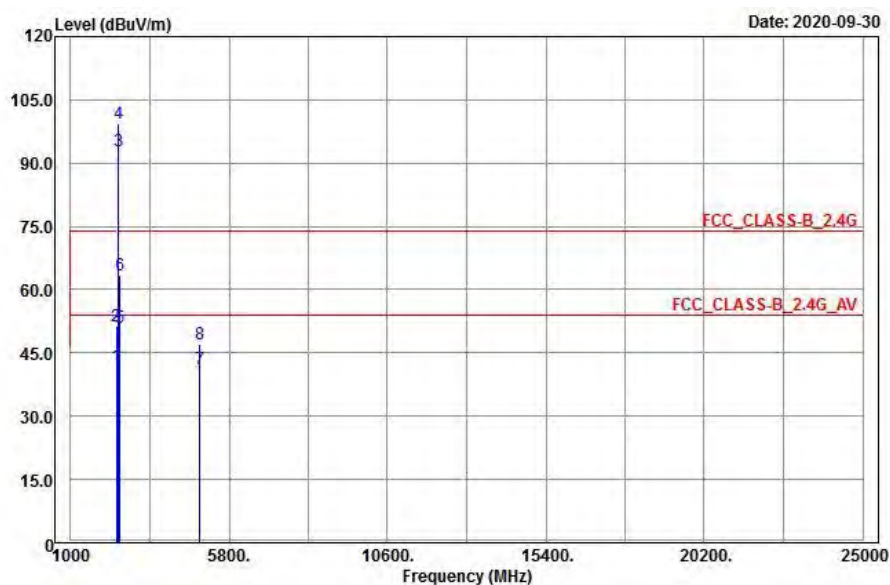


#### Vertical

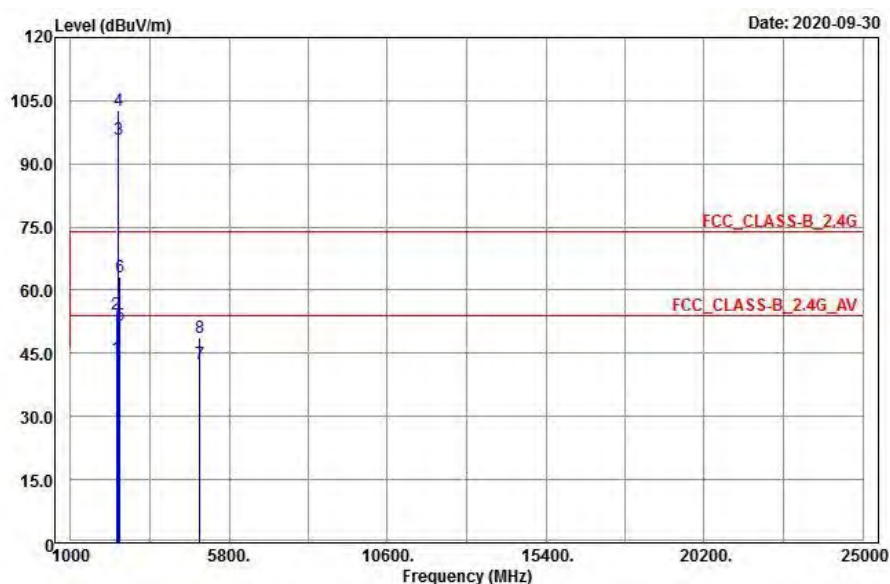


| EUT Test Condition       |                    | Measurement Detail |                           |
|--------------------------|--------------------|--------------------|---------------------------|
| Channel                  | Channel 9          | Frequency Range    | 1 GHz ~ 25 GHz            |
| Input Power              | 120 Vac, 60 Hz     | Detector Function  | Peak (PK)<br>Average (AV) |
| Environmental Conditions | 25 deg. C, 65 % RH | Tested By          | Charles Hsiao             |

## Horizontal



## Vertical



| Antenna Polarity & Test Distance: Horizontal at 3 m |                         |                   |               |                |             |                     |                      |         |
|-----------------------------------------------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| Frequency (MHz)                                     | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
| 2390                                                | 41.9                    | 37.4              | 4.5           | 54             | -12.1       | 100                 | 60                   | Average |
| 2390                                                | 51.43                   | 46.93             | 4.5           | 74             | -22.57      | 100                 | 60                   | Peak    |
| 2452                                                | 92.7                    | 88.1              | 4.6           |                |             | 100                 | 60                   | Average |
| 2452                                                | 99.33                   | 94.73             | 4.6           |                |             | 100                 | 60                   | Peak    |
| 2483.5                                              | 50.85                   | 46.19             | 4.66          | 54             | -3.15       | 100                 | 60                   | Average |
| 2483.5                                              | 63.42                   | 58.76             | 4.66          | 74             | -10.58      | 100                 | 60                   | Peak    |
| 4904                                                | 41.29                   | 31.15             | 10.14         | 54             | -12.71      | 124                 | 177                  | Average |
| 4904                                                | 47.01                   | 36.87             | 10.14         | 74             | -26.99      | 124                 | 177                  | Peak    |
| Antenna Polarity & Test Distance: Vertical at 3 m   |                         |                   |               |                |             |                     |                      |         |
| Frequency (MHz)                                     | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
| 2390                                                | 43.71                   | 39.21             | 4.5           | 54             | -10.29      | 120                 | 198                  | Average |
| 2390                                                | 54.26                   | 49.76             | 4.5           | 74             | -19.74      | 120                 | 198                  | Peak    |
| 2452                                                | 95.75                   | 91.15             | 4.6           |                |             | 120                 | 198                  | Average |
| 2452                                                | 102.71                  | 98.11             | 4.6           |                |             | 120                 | 198                  | Peak    |
| 2483.5                                              | 51.53                   | 46.87             | 4.66          | 54             | -2.47       | 120                 | 198                  | Average |
| 2483.5                                              | 63.25                   | 58.59             | 4.66          | 74             | -10.75      | 120                 | 198                  | Peak    |
| 4904                                                | 42.38                   | 32.24             | 10.14         | 54             | -11.62      | 118                 | 223                  | Average |
| 4904                                                | 48.68                   | 38.54             | 10.14         | 74             | -25.32      | 118                 | 223                  | Peak    |

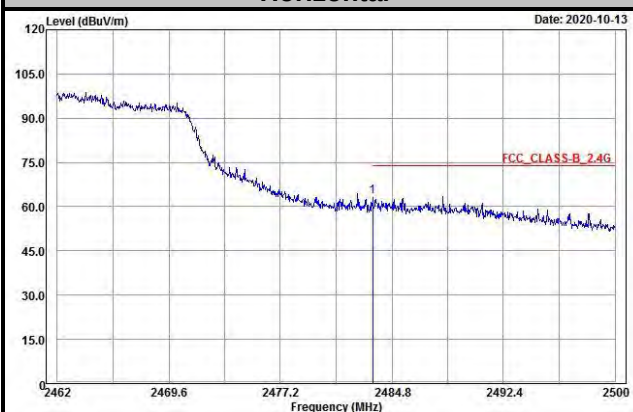
Remarks:

1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 2452 MHz: Fundamental Frequency.
3. The other emission levels were very low against the limit.

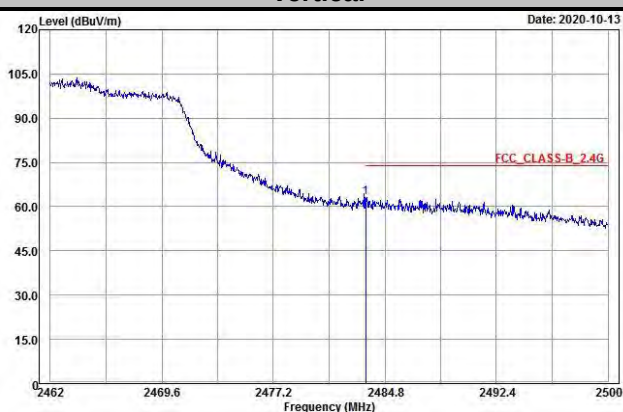
## Ch 9

### Peak

#### Horizontal

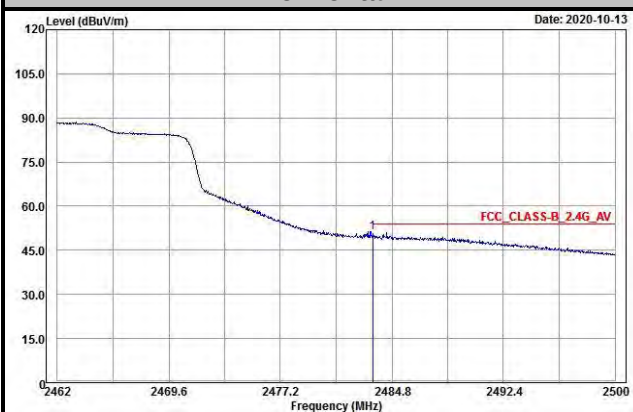


#### Vertical

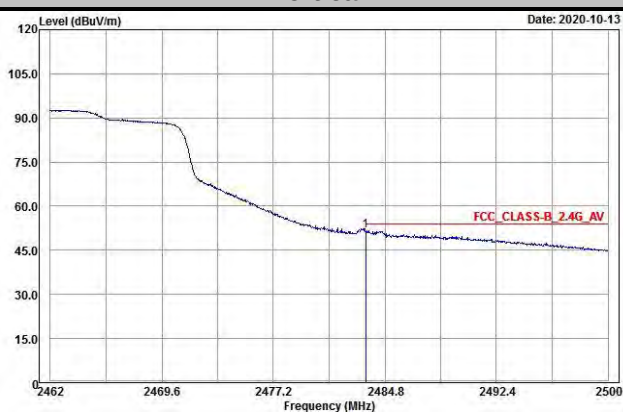


### Average

#### Horizontal

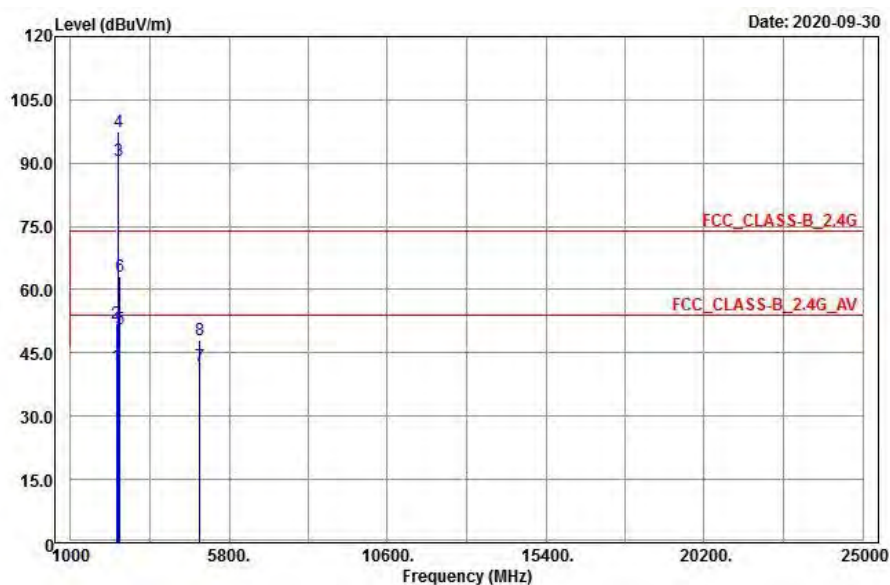


#### Vertical

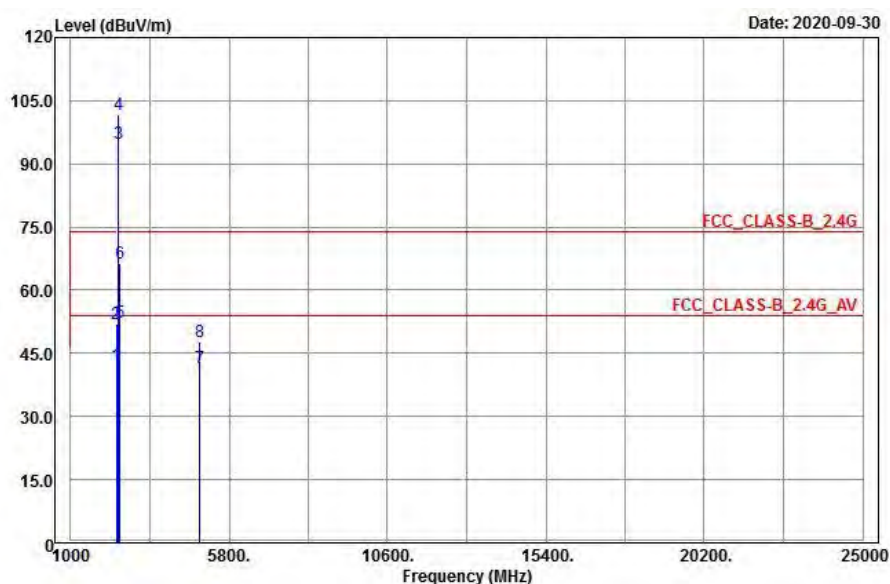


| EUT Test Condition       |                    | Measurement Detail |                           |
|--------------------------|--------------------|--------------------|---------------------------|
| Channel                  | Channel 10         | Frequency Range    | 1 GHz ~ 25 GHz            |
| Input Power              | 120 Vac, 60 Hz     | Detector Function  | Peak (PK)<br>Average (AV) |
| Environmental Conditions | 25 deg. C, 65 % RH | Tested By          | Charles Hsiao             |

## Horizontal



## Vertical



**Antenna Polarity & Test Distance: Horizontal at 3 m**

| Frequency (MHz) | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
|-----------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| 2390            | 41.9                    | 37.4              | 4.5           | 54             | -12.1       | 100                 | 60                   | Average |
| 2390            | 52.06                   | 47.56             | 4.5           | 74             | -21.94      | 100                 | 60                   | Peak    |
| 2457            | 90.67                   | 86.05             | 4.62          |                |             | 100                 | 60                   | Average |
| 2457            | 97.31                   | 92.69             | 4.62          |                |             | 100                 | 60                   | Peak    |
| 2483.5          | 50.7                    | 46.04             | 4.66          | 54             | -3.3        | 100                 | 60                   | Average |
| 2483.5          | 62.95                   | 58.29             | 4.66          | 74             | -11.05      | 100                 | 60                   | Peak    |
| 4914            | 41.91                   | 31.76             | 10.15         | 54             | -12.09      | 181                 | 27                   | Average |
| 4914            | 47.96                   | 37.81             | 10.15         | 74             | -26.04      | 181                 | 27                   | Peak    |
| 2390            | 41.9                    | 37.4              | 4.5           | 54             | -12.1       | 100                 | 60                   | Average |

**Antenna Polarity & Test Distance: Vertical at 3 m**

| Frequency (MHz) | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
|-----------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| 2390            | 42.27                   | 37.77             | 4.5           | 54             | -11.73      | 181                 | 200                  | Average |
| 2390            | 52.12                   | 47.62             | 4.5           | 74             | -21.88      | 181                 | 200                  | Peak    |
| 2457            | 94.66                   | 90.04             | 4.62          |                |             | 181                 | 200                  | Average |
| 2457            | 101.71                  | 97.09             | 4.62          |                |             | 181                 | 200                  | Peak    |
| 2483.5          | 52.36                   | 47.7              | 4.66          | 54             | -1.64       | 181                 | 200                  | Average |
| 2483.5          | 66.35                   | 61.69             | 4.66          | 74             | -7.65       | 181                 | 200                  | Peak    |
| 4914            | 41.51                   | 31.36             | 10.15         | 54             | -12.49      | 126                 | 68                   | Average |
| 4914            | 47.89                   | 37.74             | 10.15         | 74             | -26.11      | 126                 | 68                   | Peak    |

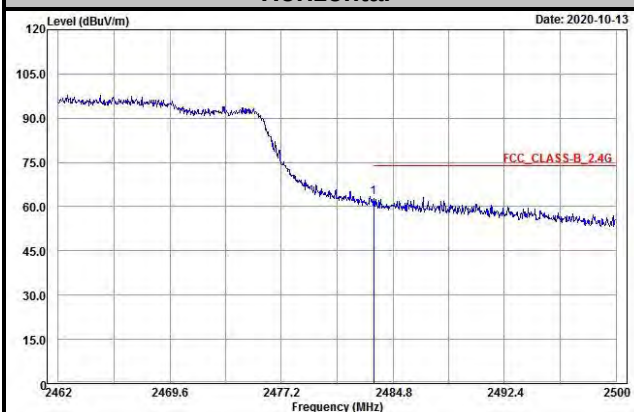
**Remarks:**

1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 2457 MHz: Fundamental Frequency.
3. The other emission levels were very low against the limit.

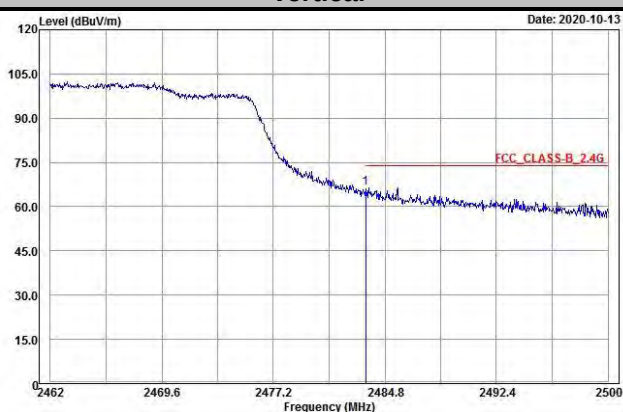
## Ch 10

### Peak

#### Horizontal

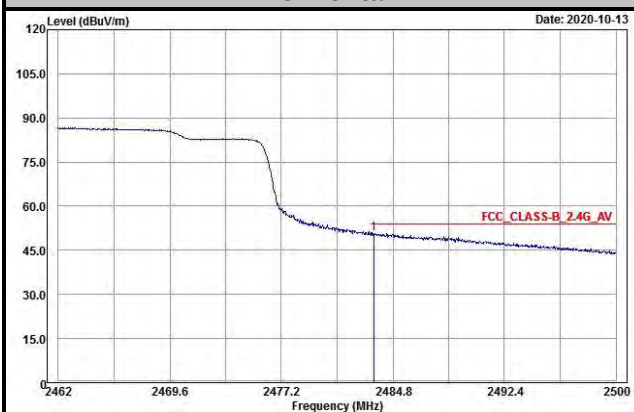


#### Vertical

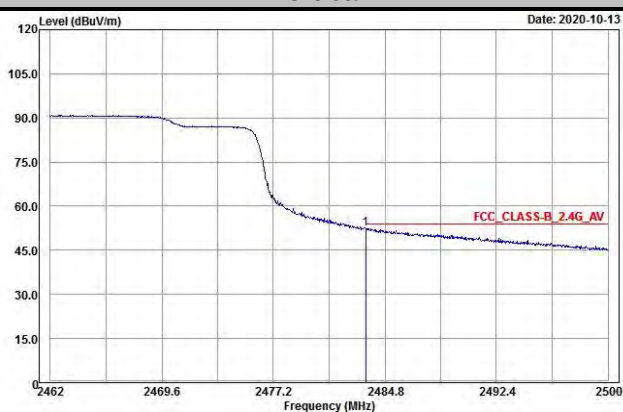


### Average

#### Horizontal

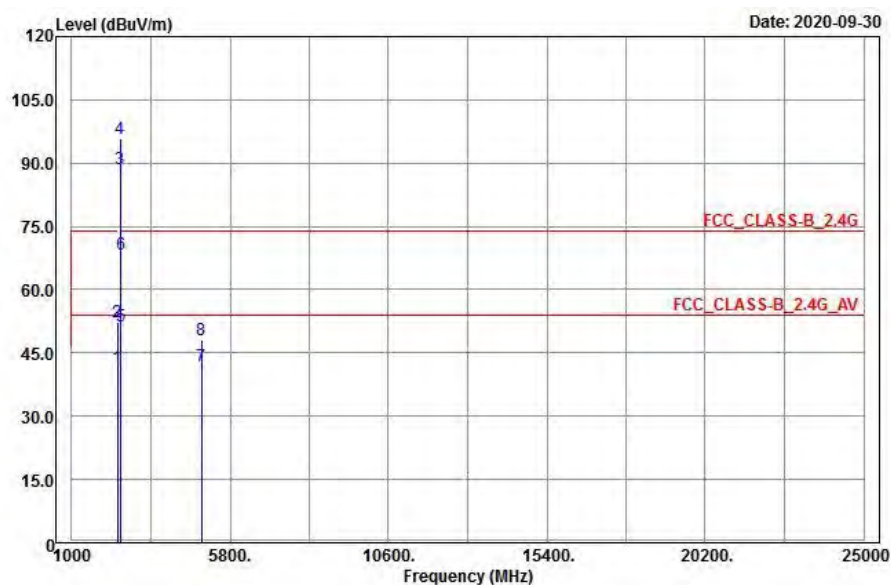


#### Vertical

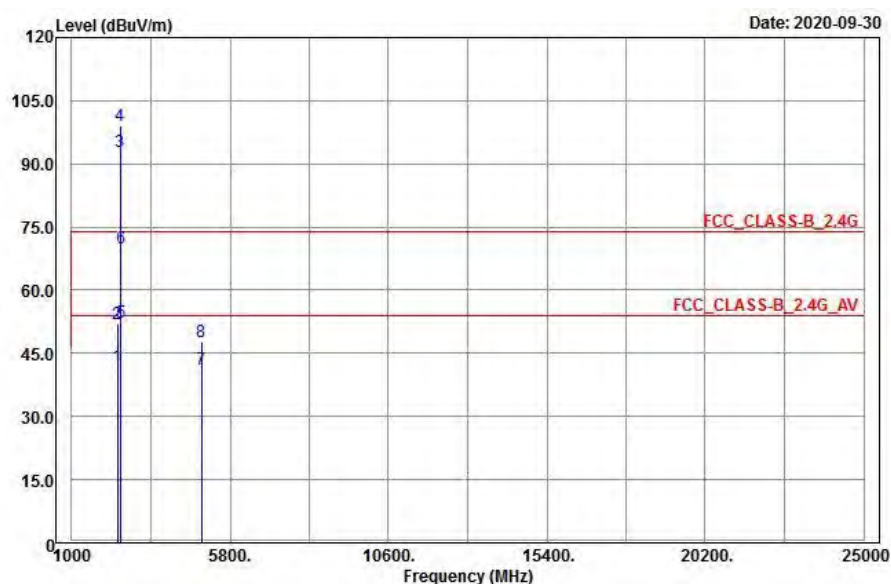


| EUT Test Condition       |                    | Measurement Detail |                           |
|--------------------------|--------------------|--------------------|---------------------------|
| Channel                  | Channel 11         | Frequency Range    | 1 GHz ~ 25 GHz            |
| Input Power              | 120 Vac, 60 Hz     | Detector Function  | Peak (PK)<br>Average (AV) |
| Environmental Conditions | 25 deg. C, 65 % RH | Tested By          | Charles Hsiao             |

### Horizontal



### Vertical



| Antenna Polarity & Test Distance: Horizontal at 3 m |                         |                   |               |                |             |                     |                      |         |
|-----------------------------------------------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| Frequency (MHz)                                     | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
| 2390                                                | 41.59                   | 37.09             | 4.5           | 54             | -12.41      | 100                 | 60                   | Average |
| 2390                                                | 52.38                   | 47.88             | 4.5           | 74             | -21.62      | 100                 | 60                   | Peak    |
| 2462                                                | 88.67                   | 84.05             | 4.62          |                |             | 100                 | 60                   | Average |
| 2462                                                | 95.75                   | 91.13             | 4.62          |                |             | 100                 | 60                   | Peak    |
| 2483.5                                              | 51.42                   | 46.76             | 4.66          | 54             | -2.58       | 100                 | 60                   | Average |
| 2483.5                                              | 68.18                   | 63.52             | 4.66          | 74             | -5.82       | 100                 | 60                   | Peak    |
| 4924                                                | 41.76                   | 31.51             | 10.25         | 54             | -12.24      | 106                 | 84                   | Average |
| 4924                                                | 48.03                   | 37.78             | 10.25         | 74             | -25.97      | 106                 | 84                   | Peak    |
| Antenna Polarity & Test Distance: Vertical at 3 m   |                         |                   |               |                |             |                     |                      |         |
| Frequency (MHz)                                     | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
| 2390                                                | 41.76                   | 37.26             | 4.5           | 54             | -12.24      | 180                 | 218                  | Average |
| 2390                                                | 52.09                   | 47.59             | 4.5           | 74             | -21.91      | 180                 | 218                  | Peak    |
| 2462                                                | 92.81                   | 88.19             | 4.62          |                |             | 180                 | 218                  | Average |
| 2462                                                | 99.2                    | 94.58             | 4.62          |                |             | 180                 | 218                  | Peak    |
| 2483.5                                              | 52.33                   | 47.67             | 4.66          | 54             | -1.67       | 180                 | 218                  | Average |
| 2483.5                                              | 69.88                   | 65.22             | 4.66          | 74             | -4.12       | 180                 | 218                  | Peak    |
| 4924                                                | 41.25                   | 31                | 10.25         | 54             | -12.75      | 126                 | 138                  | Average |
| 4924                                                | 47.59                   | 37.34             | 10.25         | 74             | -26.41      | 126                 | 138                  | Peak    |

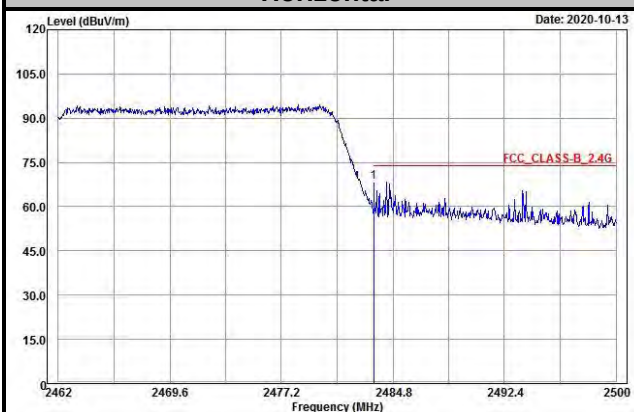
Remarks:

1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 2462 MHz: Fundamental Frequency.
3. The other emission levels were very low against the limit.

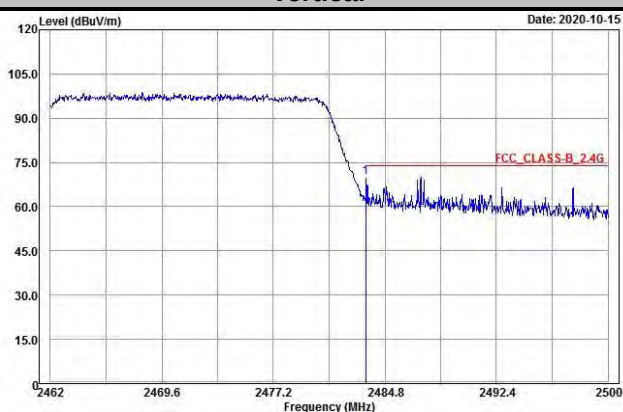
## Ch 11

### Peak

#### Horizontal

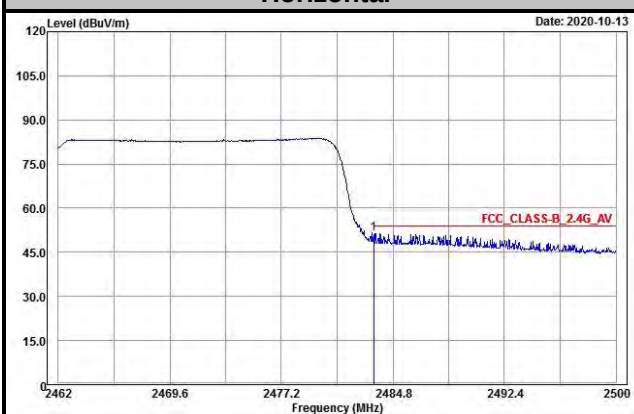


#### Vertical

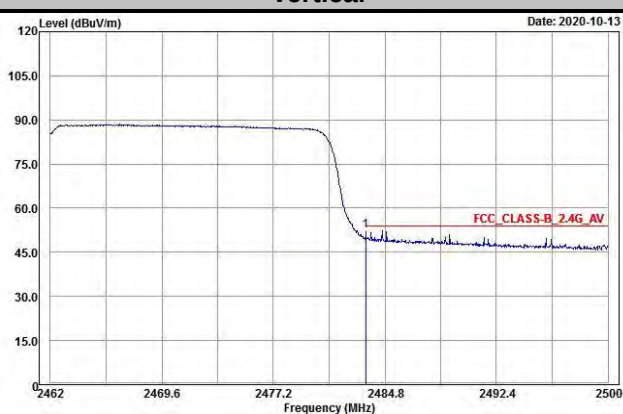


### Average

#### Horizontal



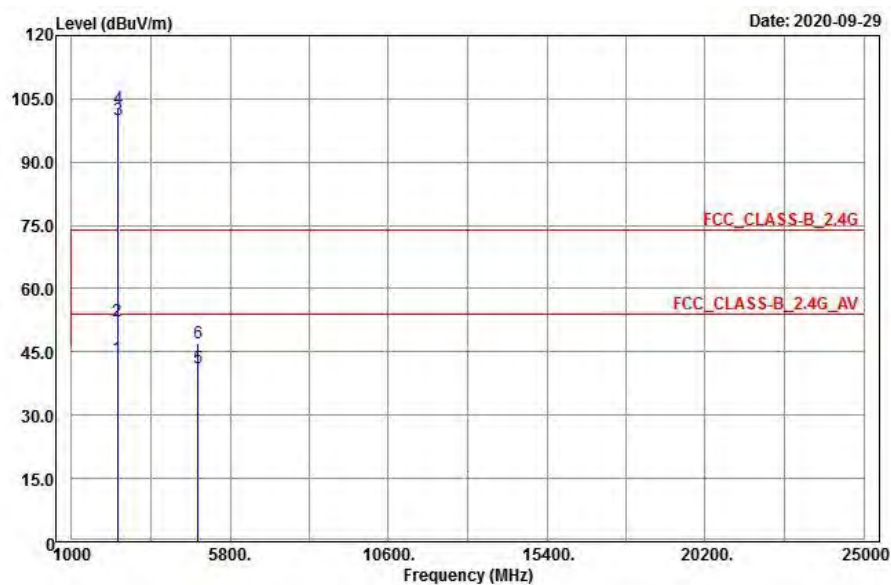
#### Vertical



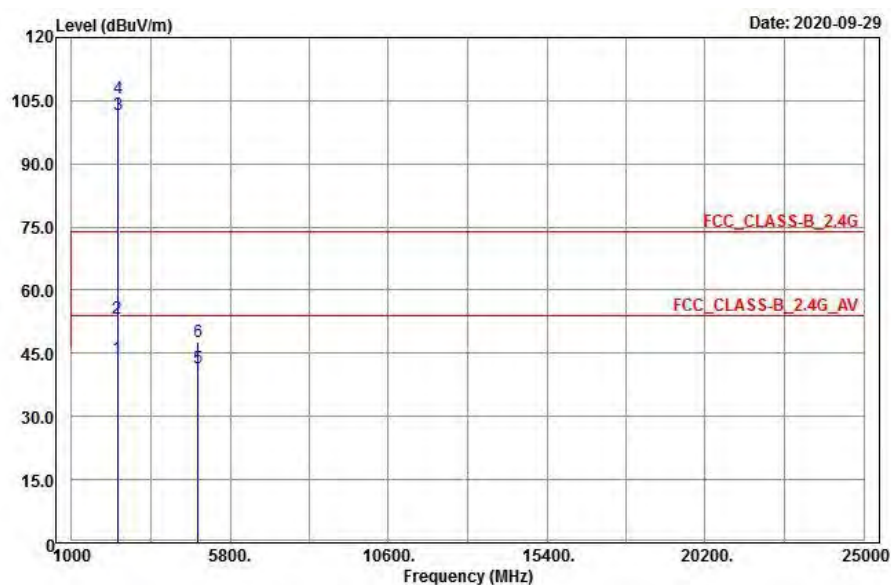
SISO\_Chain B  
802.11b

| EUT Test Condition       |                    | Measurement Detail |                           |
|--------------------------|--------------------|--------------------|---------------------------|
| Channel                  | Channel 1          | Frequency Range    | 1 GHz ~ 25 GHz            |
| Input Power              | 120 Vac, 60 Hz     | Detector Function  | Peak (PK)<br>Average (AV) |
| Environmental Conditions | 25 deg. C, 65 % RH | Tested By          | Harry Hsueh               |

Horizontal



Vertical



**Antenna Polarity & Test Distance: Horizontal at 3 m**

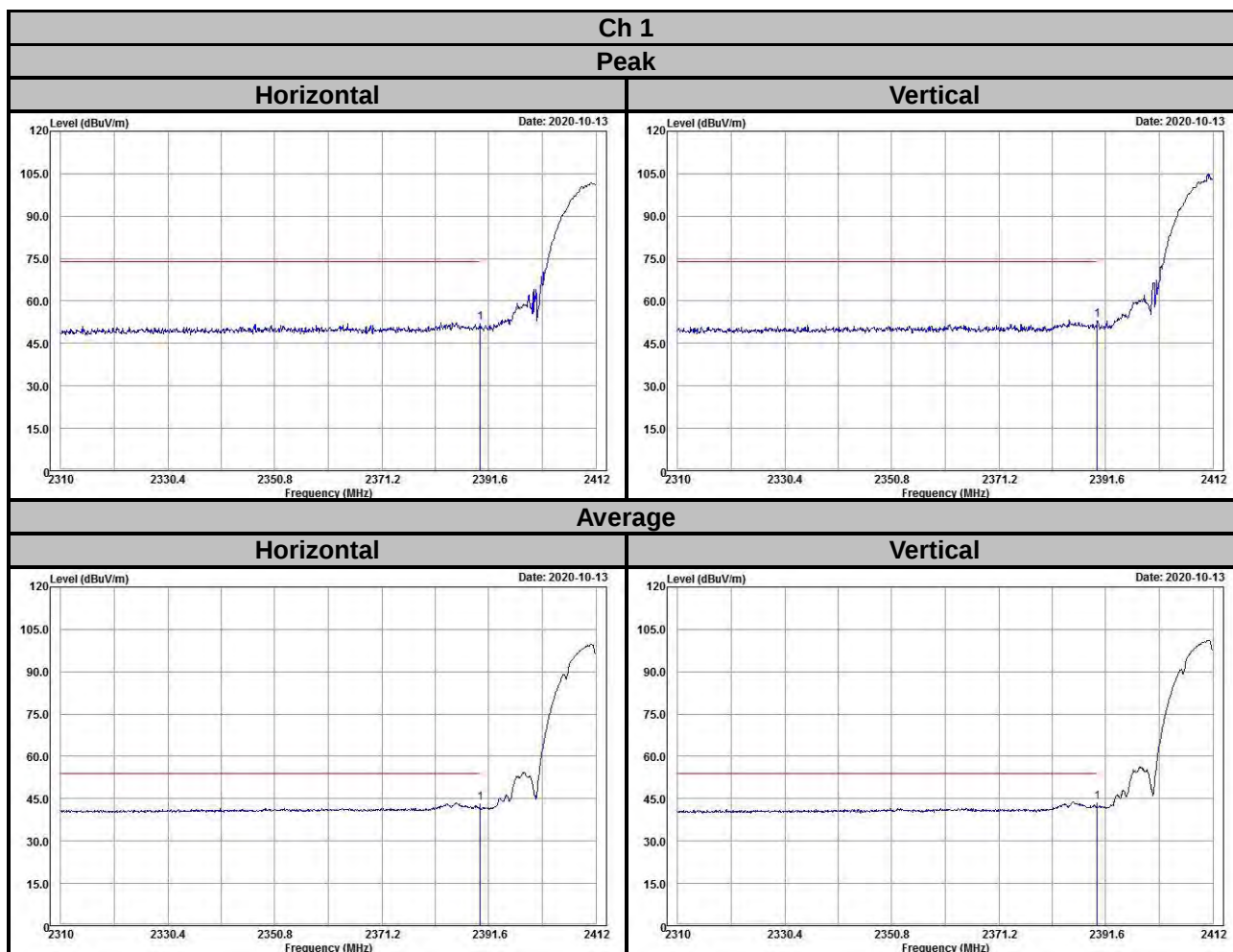
| Frequency (MHz) | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
|-----------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| 2390            | 43.38                   | 38.88             | 4.5           | 54             | -10.62      | 300                 | 58                   | Average |
| 2390            | 52.41                   | 47.91             | 4.5           | 74             | -21.59      | 300                 | 58                   | Peak    |
| 2412            | 100.02                  | 95.47             | 4.55          |                |             | 300                 | 58                   | Average |
| 2412            | 102.65                  | 98.1              | 4.55          |                |             | 300                 | 58                   | Peak    |
| 4824            | 41.16                   | 30.87             | 10.29         | 54             | -12.84      | 115                 | 209                  | Average |
| 4824            | 47.18                   | 36.89             | 10.29         | 74             | -26.82      | 115                 | 209                  | Peak    |

**Antenna Polarity & Test Distance: Vertical at 3 m**

| Frequency (MHz) | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
|-----------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| 2390            | 43.93                   | 39.43             | 4.5           | 54             | -10.07      | 332                 | 42                   | Average |
| 2390            | 53.2                    | 48.7              | 4.5           | 74             | -20.8       | 332                 | 42                   | Peak    |
| 2412            | 101.66                  | 97.11             | 4.55          |                |             | 332                 | 42                   | Average |
| 2412            | 105.61                  | 101.06            | 4.55          |                |             | 332                 | 42                   | Peak    |
| 4824            | 41.58                   | 31.29             | 10.29         | 54             | -12.42      | 136                 | 180                  | Average |
| 4824            | 47.88                   | 37.59             | 10.29         | 74             | -26.12      | 136                 | 180                  | Peak    |

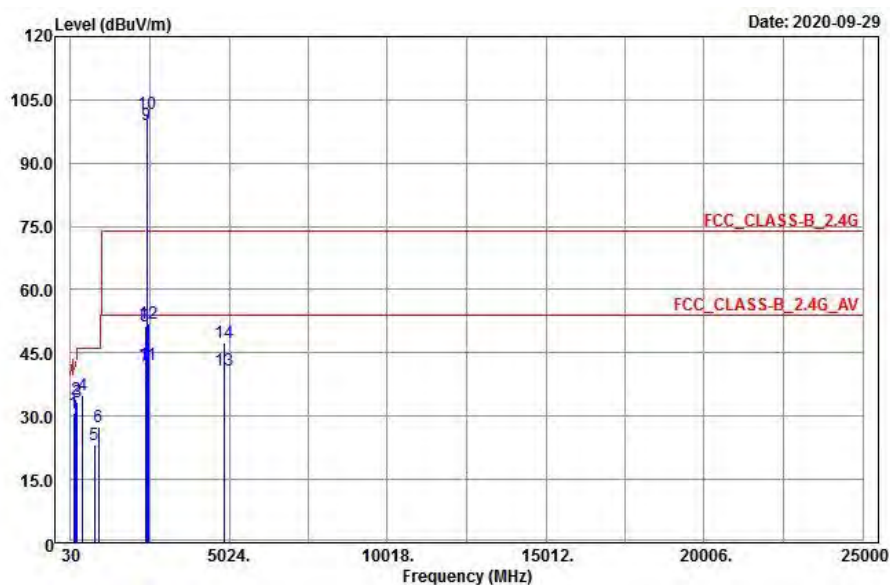
Remarks:

1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 2412 MHz: Fundamental Frequency.
3. The other emission levels were very low against the limit.

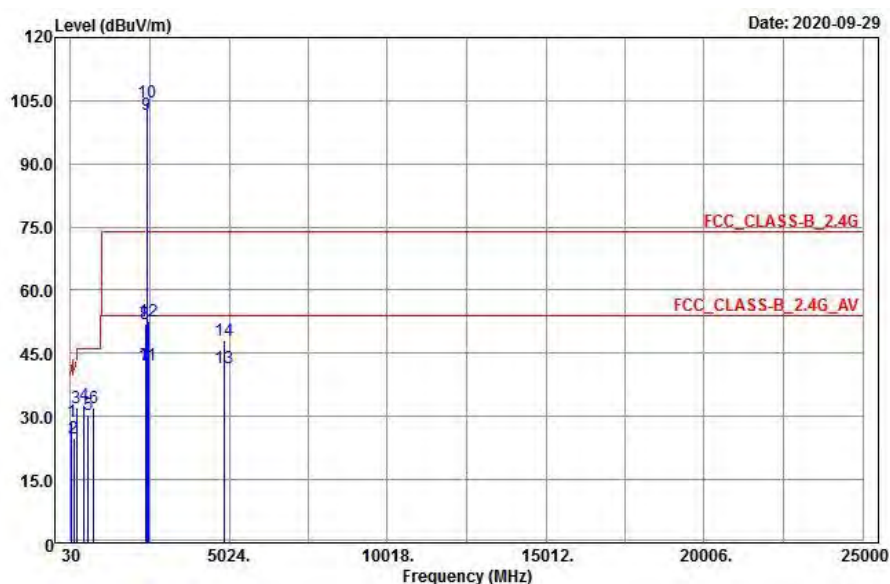


| EUT Test Condition       |                    | Measurement Detail |                           |
|--------------------------|--------------------|--------------------|---------------------------|
| Channel                  | Channel 6          | Frequency Range    | 1 GHz ~ 25 GHz            |
| Input Power              | 120 Vac, 60 Hz     | Detector Function  | Peak (PK)<br>Average (AV) |
| Environmental Conditions | 25 deg. C, 65 % RH | Tested By          | Harry Hsueh               |

## Horizontal



## Vertical



### Antenna Polarity & Test Distance: Horizontal at 3 m

| Frequency (MHz) | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
|-----------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| 124.23          | 30.75                   | 50.62             | -19.87        | 43.5           | -12.75      | 164                 | 109                  | Peak    |
| 202.8           | 33.85                   | 52.05             | -18.2         | 43.5           | -9.65       | 155                 | 175                  | Peak    |
| 230.07          | 33.42                   | 50.81             | -17.39        | 46             | -12.58      | 164                 | 180                  | Peak    |
| 416.2           | 34.88                   | 48.53             | -13.65        | 46             | -11.12      | 141                 | 176                  | Peak    |
| 768.3           | 23.21                   | 31.47             | -8.26         | 46             | -22.79      | 264                 | 128                  | Peak    |
| 900.6           | 27.53                   | 33.46             | -5.93         | 46             | -18.47      | 136                 | 205                  | Peak    |
| 2390            | 41.76                   | 37.26             | 4.5           | 54             | -12.24      | 300                 | 58                   | Average |
| 2390            | 51.38                   | 46.88             | 4.5           | 74             | -22.62      | 300                 | 58                   | Peak    |
| 2437            | 99.21                   | 94.62             | 4.59          |                |             | 300                 | 58                   | Average |
| 2437            | 101.84                  | 97.25             | 4.59          |                |             | 300                 | 58                   | Peak    |
| 2483.5          | 42.11                   | 37.45             | 4.66          | 54             | -11.89      | 300                 | 58                   | Average |
| 2483.5          | 52.07                   | 47.41             | 4.66          | 74             | -21.93      | 300                 | 58                   | Peak    |
| 4874            | 41.01                   | 30.8              | 10.21         | 54             | -12.99      | 126                 | 198                  | Average |
| 4874            | 47.27                   | 37.06             | 10.21         | 74             | -26.73      | 126                 | 198                  | Peak    |

### Antenna Polarity & Test Distance: Vertical at 3 m

| Frequency (MHz) | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
|-----------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| 55.92           | 28.84                   | 44.47             | -15.63        | 40             | -11.16      | 186                 | 209                  | Peak    |
| 128.28          | 24.83                   | 45.11             | -20.28        | 43.5           | -18.67      | 175                 | 145                  | Peak    |
| 223.05          | 32.16                   | 49.87             | -17.71        | 46             | -13.84      | 135                 | 197                  | Peak    |
| 456.1           | 32.8                    | 45.98             | -13.18        | 46             | -13.2       | 223                 | 147                  | Peak    |
| 591.2           | 30.4                    | 41.24             | -10.84        | 46             | -15.6       | 168                 | 43                   | Peak    |
| 756.4           | 32.02                   | 40.38             | -8.36         | 46             | -13.98      | 264                 | 105                  | Peak    |
| 2390            | 42.12                   | 37.62             | 4.5           | 54             | -11.88      | 332                 | 42                   | Average |
| 2390            | 52.06                   | 47.56             | 4.5           | 74             | -21.94      | 332                 | 42                   | Peak    |
| 2437            | 101.84                  | 97.25             | 4.59          |                |             | 332                 | 42                   | Average |
| 2437            | 104.49                  | 99.9              | 4.59          |                |             | 332                 | 42                   | Peak    |
| 2483.5          | 42.1                    | 37.44             | 4.66          | 54             | -11.9       | 332                 | 42                   | Average |
| 2483.5          | 52.6                    | 47.94             | 4.66          | 74             | -21.4       | 332                 | 42                   | Peak    |
| 4874            | 41.65                   | 31.44             | 10.21         | 54             | -12.35      | 112                 | 157                  | Average |
| 4874            | 47.95                   | 37.74             | 10.21         | 74             | -26.05      | 112                 | 157                  | Peak    |

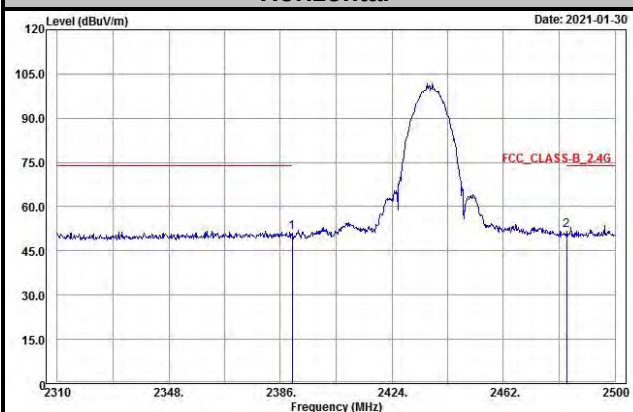
Remarks:

1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 2437 MHz: Fundamental Frequency.
3. The other emission levels were very low against the limit.

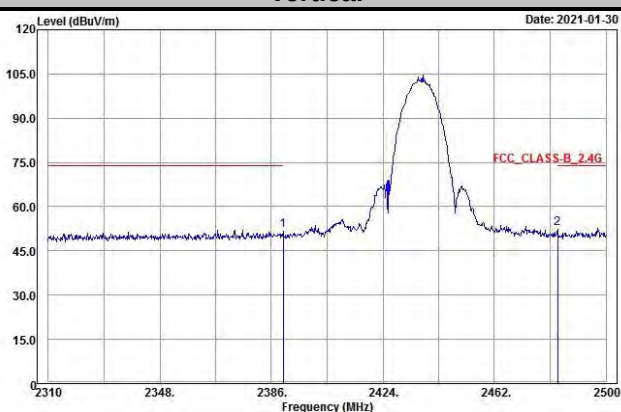
## Ch 6

### Peak

#### Horizontal

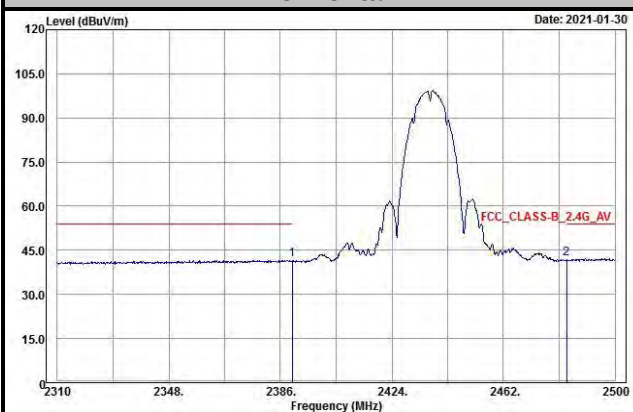


#### Vertical

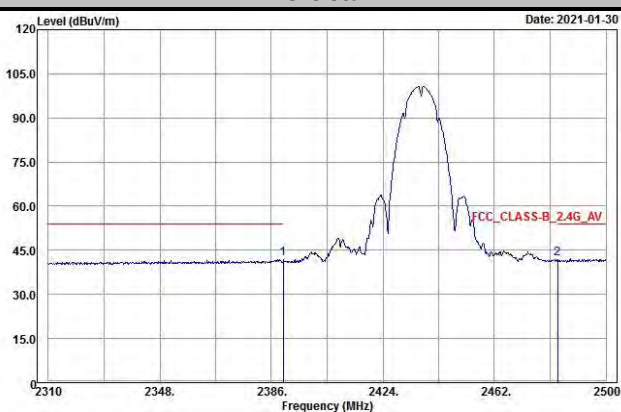


### Average

#### Horizontal

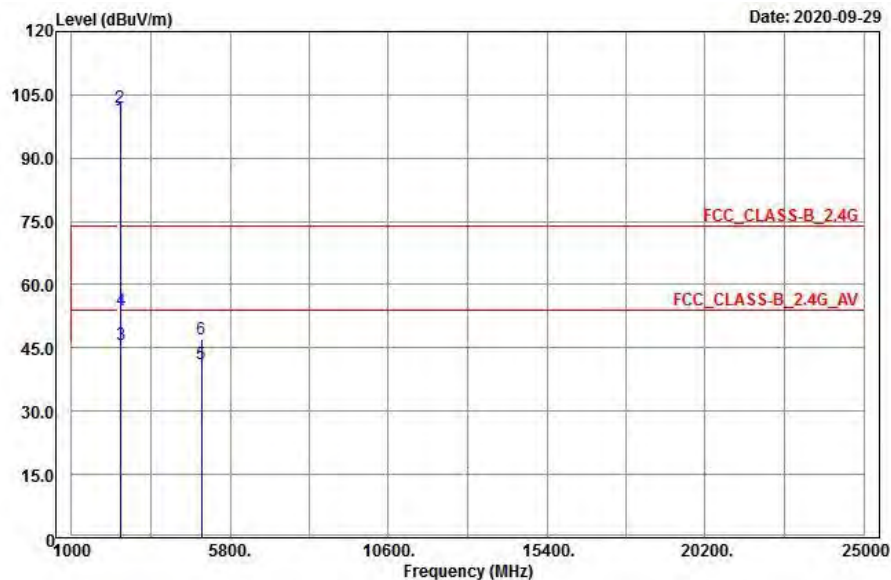


#### Vertical

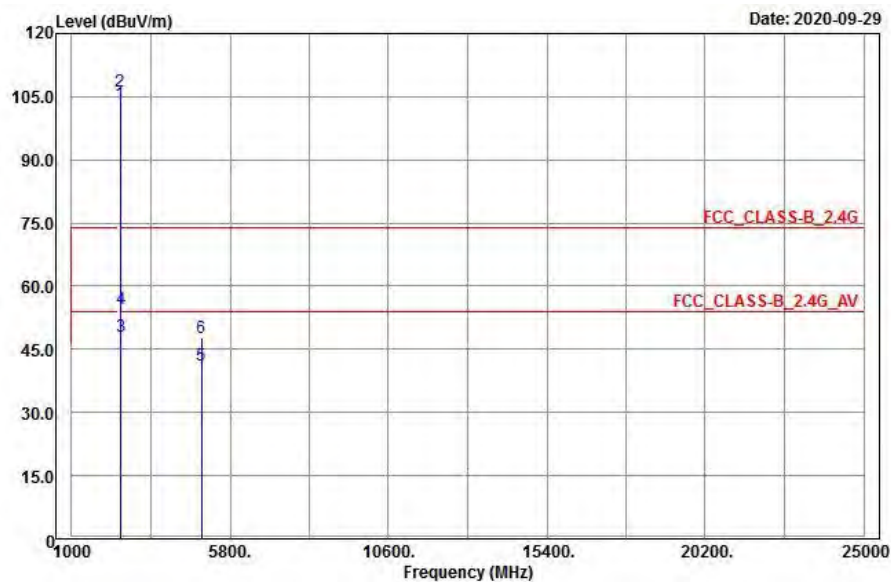


| EUT Test Condition       |                    | Measurement Detail |                           |
|--------------------------|--------------------|--------------------|---------------------------|
| Channel                  | Channel 11         | Frequency Range    | 1 GHz ~ 25 GHz            |
| Input Power              | 120 Vac, 60 Hz     | Detector Function  | Peak (PK)<br>Average (AV) |
| Environmental Conditions | 25 deg. C, 65 % RH | Tested By          | Harry Hsueh               |

### Horizontal



### Vertical



**Antenna Polarity & Test Distance: Horizontal at 3 m**

| Frequency (MHz) | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
|-----------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| 2462            | 99.41                   | 94.79             | 4.62          |                |             | 300                 | 58                   | Average |
| 2462            | 102.04                  | 97.42             | 4.62          |                |             | 300                 | 58                   | Peak    |
| 2483.5          | 45.77                   | 41.11             | 4.66          | 54             | -8.23       | 300                 | 58                   | Average |
| 2483.5          | 54.11                   | 49.45             | 4.66          | 74             | -19.89      | 300                 | 58                   | Peak    |
| 4924            | 41.25                   | 31                | 10.25         | 54             | -12.75      | 158                 | 131                  | Average |
| 4924            | 47.08                   | 36.83             | 10.25         | 74             | -26.92      | 158                 | 131                  | Peak    |

**Antenna Polarity & Test Distance: Vertical at 3 m**

| Frequency (MHz) | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
|-----------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| 2462            | 103.25                  | 98.63             | 4.62          |                |             | 358                 | 45                   | Average |
| 2462            | 106.37                  | 101.75            | 4.62          |                |             | 358                 | 45                   | Peak    |
| 2483.5          | 48.15                   | 43.49             | 4.66          | 54             | -5.85       | 358                 | 45                   | Average |
| 2483.5          | 54.58                   | 49.92             | 4.66          | 74             | -19.42      | 358                 | 45                   | Peak    |
| 4924            | 41.29                   | 31.04             | 10.25         | 54             | -12.71      | 137                 | 115                  | Average |
| 4924            | 47.62                   | 37.37             | 10.25         | 74             | -26.38      | 137                 | 115                  | Peak    |

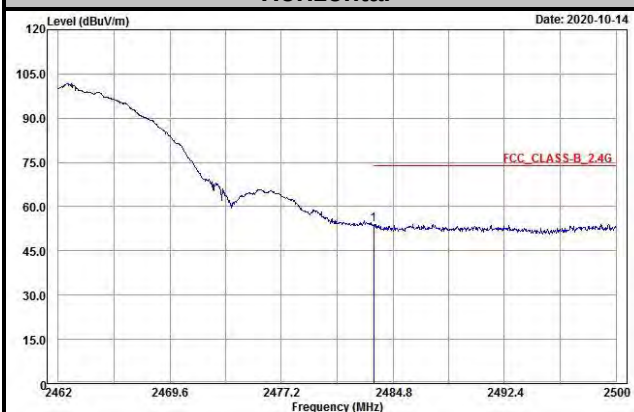
Remarks:

1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 2462 MHz: Fundamental Frequency.
3. The other emission levels were very low against the limit.

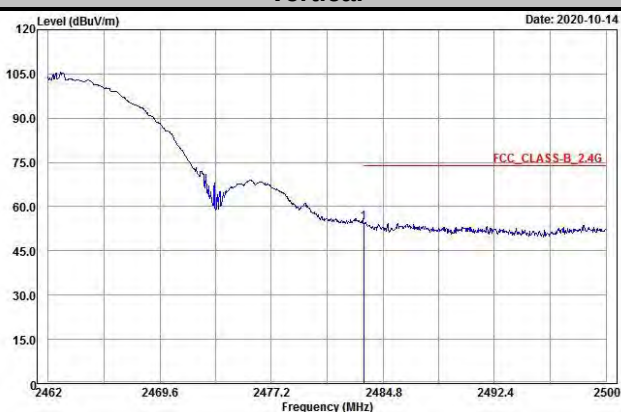
## Ch 11

### Peak

#### Horizontal

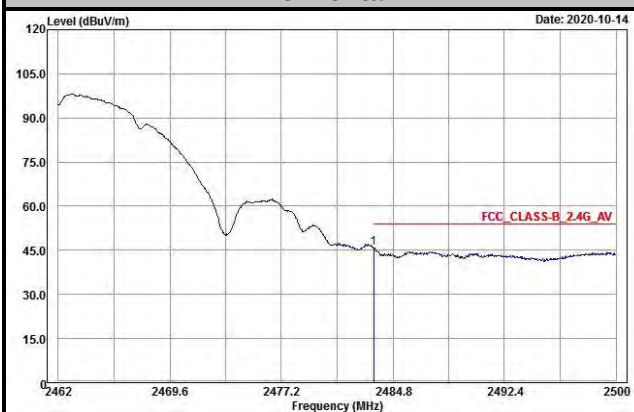


#### Vertical

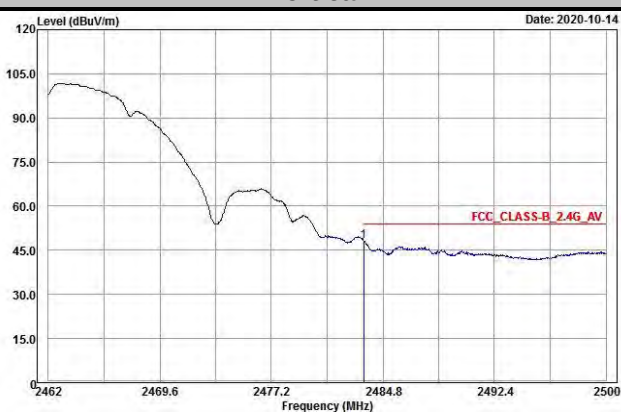


### Average

#### Horizontal

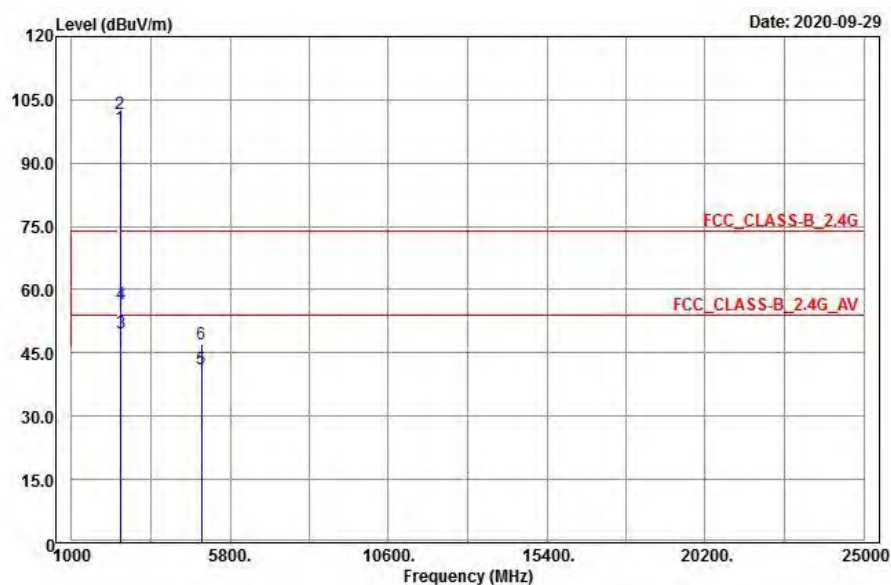


#### Vertical

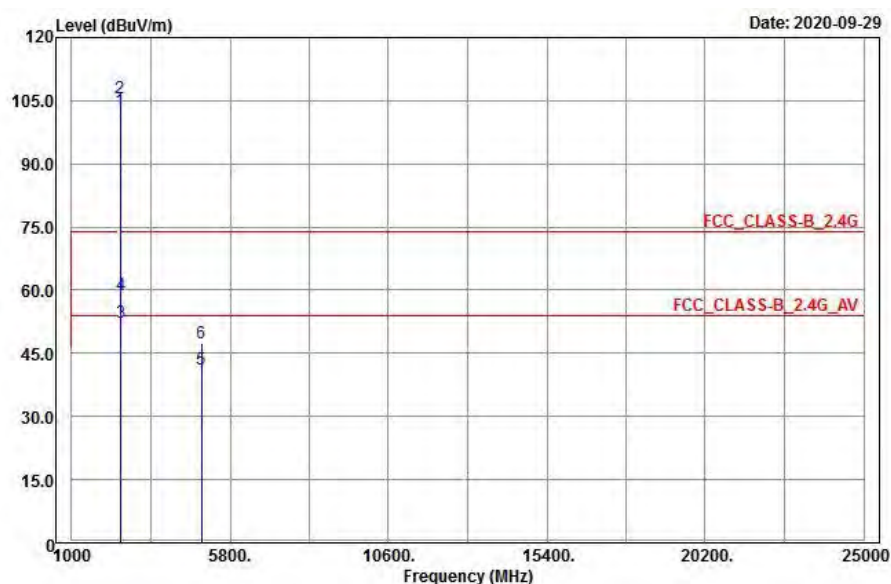


| EUT Test Condition       |                    | Measurement Detail |                           |
|--------------------------|--------------------|--------------------|---------------------------|
| Channel                  | Channel 12         | Frequency Range    | 1 GHz ~ 25 GHz            |
| Input Power              | 120 Vac, 60 Hz     | Detector Function  | Peak (PK)<br>Average (AV) |
| Environmental Conditions | 25 deg. C, 65 % RH | Tested By          | Harry Hsueh               |

### Horizontal



### Vertical



**Antenna Polarity & Test Distance: Horizontal at 3 m**

| Frequency (MHz) | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
|-----------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| 2467            | 98.3                    | 93.67             | 4.63          |                |             | 300                 | 58                   | Average |
| 2467            | 101.82                  | 97.19             | 4.63          |                |             | 300                 | 58                   | Peak    |
| 2483.5          | 49.68                   | 45.02             | 4.66          | 54             | -4.32       | 300                 | 58                   | Average |
| 2483.5          | 56.5                    | 51.84             | 4.66          | 74             | -17.5       | 300                 | 58                   | Peak    |
| 4934            | 41.14                   | 30.88             | 10.26         | 54             | -12.86      | 102                 | 125                  | Average |
| 4934            | 46.98                   | 36.72             | 10.26         | 74             | -27.02      | 102                 | 125                  | Peak    |

**Antenna Polarity & Test Distance: Vertical at 3 m**

| Frequency (MHz) | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
|-----------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| 2467            | 102.58                  | 97.95             | 4.63          |                |             | 358                 | 44                   | Average |
| 2467            | 105.46                  | 100.83            | 4.63          |                |             | 358                 | 44                   | Peak    |
| 2483.5          | 52.46                   | 47.8              | 4.66          | 54             | -1.54       | 358                 | 44                   | Average |
| 2483.5          | 58.82                   | 54.16             | 4.66          | 74             | -15.18      | 358                 | 44                   | Peak    |
| 4934            | 41.31                   | 31.05             | 10.26         | 54             | -12.69      | 118                 | 246                  | Average |
| 4934            | 47.26                   | 37                | 10.26         | 74             | -26.74      | 118                 | 246                  | Peak    |

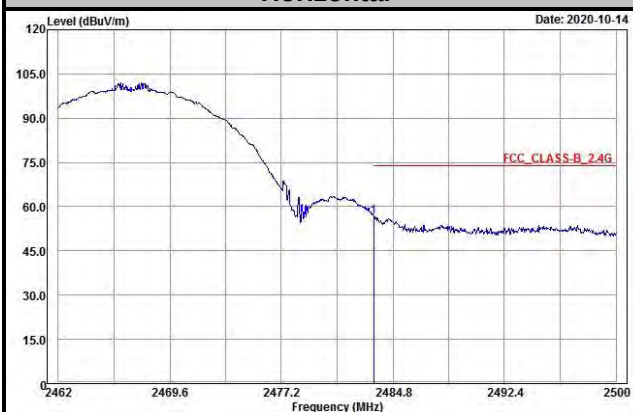
Remarks:

1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 2467 MHz: Fundamental Frequency.
3. The other emission levels were very low against the limit.

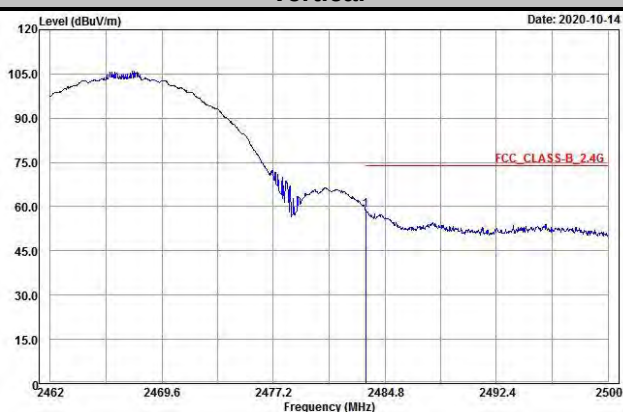
## Ch 12

### Peak

#### Horizontal

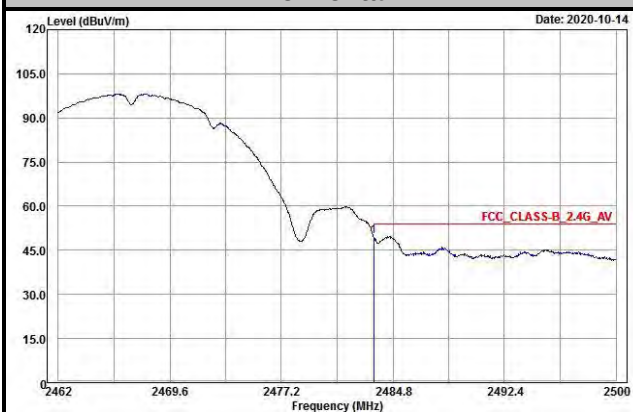


#### Vertical

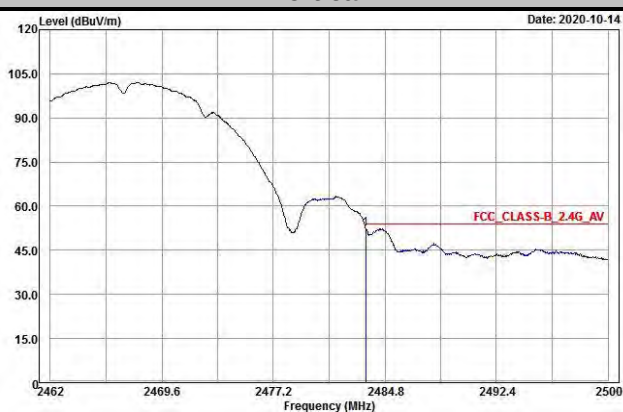


### Average

#### Horizontal

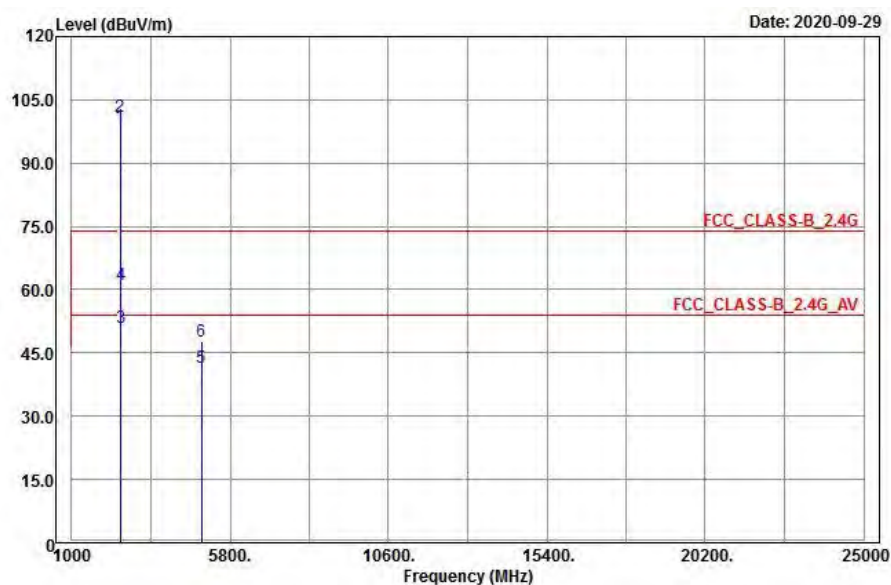


#### Vertical

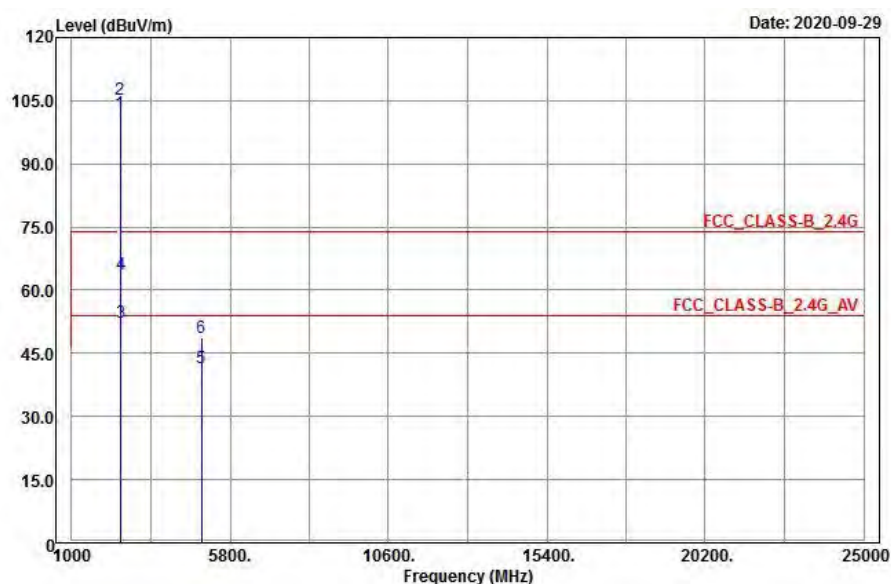


| EUT Test Condition       |                    | Measurement Detail |                           |
|--------------------------|--------------------|--------------------|---------------------------|
| Channel                  | Channel 13         | Frequency Range    | 1 GHz ~ 25 GHz            |
| Input Power              | 120 Vac, 60 Hz     | Detector Function  | Peak (PK)<br>Average (AV) |
| Environmental Conditions | 25 deg. C, 65 % RH | Tested By          | Charles Hsiao             |

## Horizontal



## Vertical



| Antenna Polarity & Test Distance: Horizontal at 3 m |                         |                   |               |                |             |                     |                      |         |
|-----------------------------------------------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| Frequency (MHz)                                     | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
| 2472                                                | 98.78                   | 94.14             | 4.64          |                |             | 300                 | 58                   | Average |
| 2472                                                | 101.03                  | 96.39             | 4.64          |                |             | 300                 | 58                   | Peak    |
| 2483.5                                              | 50.88                   | 46.22             | 4.66          | 54             | -3.12       | 300                 | 58                   | Average |
| 2483.5                                              | 61.01                   | 56.35             | 4.66          | 74             | -12.99      | 300                 | 58                   | Peak    |
| 4944                                                | 41.37                   | 31.02             | 10.35         | 54             | -12.63      | 162                 | 69                   | Average |
| 4944                                                | 47.66                   | 37.31             | 10.35         | 74             | -26.34      | 162                 | 69                   | Peak    |
| Antenna Polarity & Test Distance: Vertical at 3 m   |                         |                   |               |                |             |                     |                      |         |
| Frequency (MHz)                                     | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
| 2472                                                | 102.11                  | 97.47             | 4.64          |                |             | 358                 | 44                   | Average |
| 2472                                                | 105.24                  | 100.6             | 4.64          |                |             | 358                 | 44                   | Peak    |
| 2483.5                                              | 52.18                   | 47.52             | 4.66          | 54             | -1.82       | 358                 | 44                   | Average |
| 2483.5                                              | 63.63                   | 58.97             | 4.66          | 74             | -10.37      | 358                 | 44                   | Peak    |
| 4944                                                | 41.42                   | 31.07             | 10.35         | 54             | -12.58      | 136                 | 212                  | Average |
| 4944                                                | 48.67                   | 38.32             | 10.35         | 74             | -25.33      | 136                 | 212                  | Peak    |

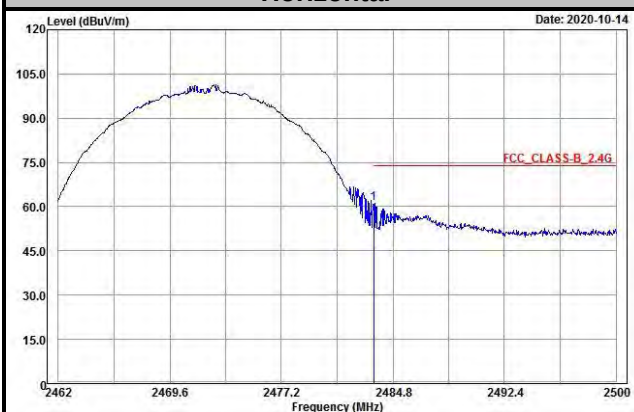
Remarks:

1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 2472 MHz: Fundamental Frequency.
3. The other emission levels were very low against the limit.

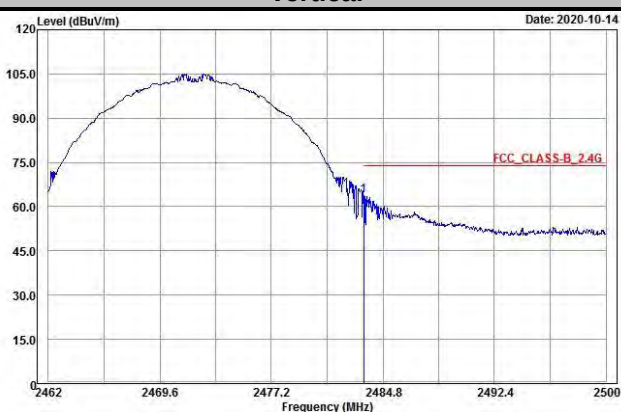
# Ch 13

## Peak

### Horizontal

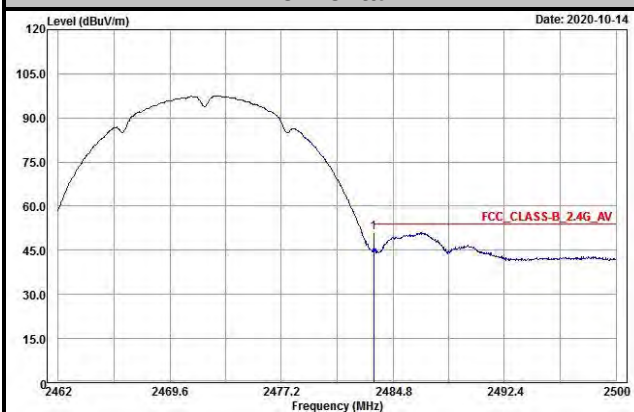


### Vertical

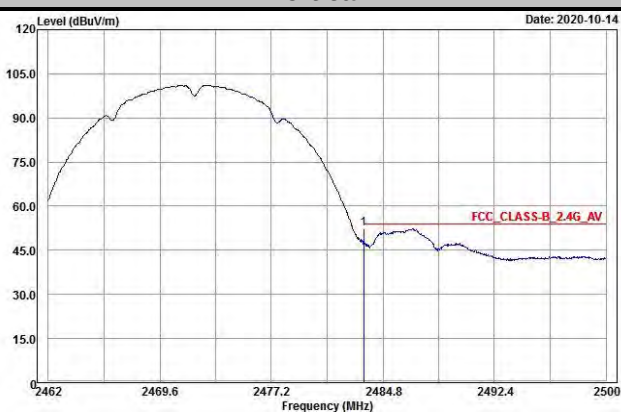


## Average

### Horizontal



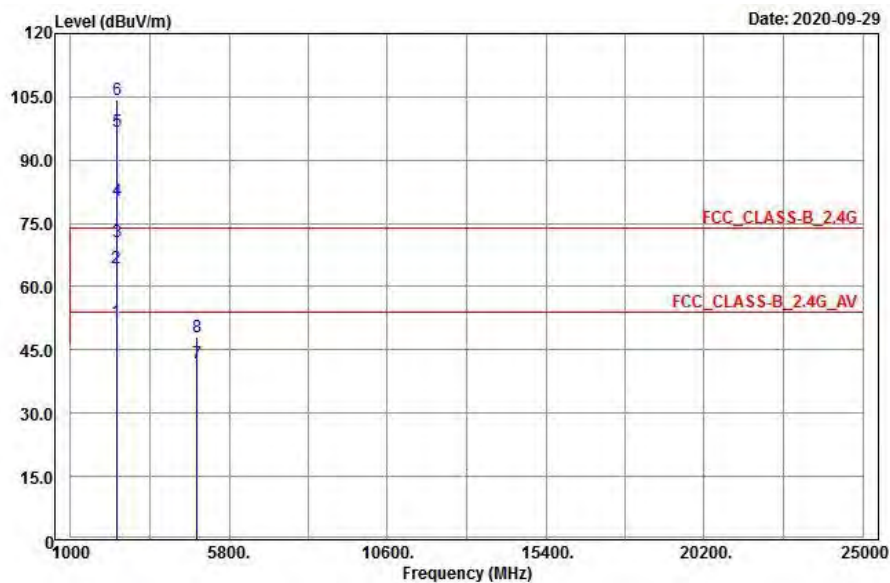
### Vertical



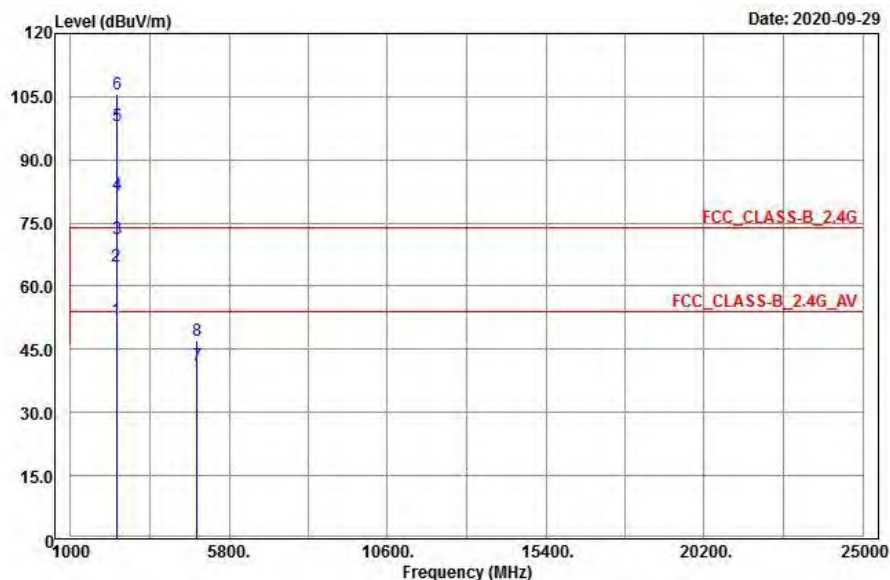
## 802.11g

| EUT Test Condition       |                    | Measurement Detail |                           |
|--------------------------|--------------------|--------------------|---------------------------|
| Channel                  | Channel 1          | Frequency Range    | 1 GHz ~ 25 GHz            |
| Input Power              | 120 Vac, 60 Hz     | Detector Function  | Peak (PK)<br>Average (AV) |
| Environmental Conditions | 25 deg. C, 65 % RH | Tested By          | Karl Lee                  |

### Horizontal



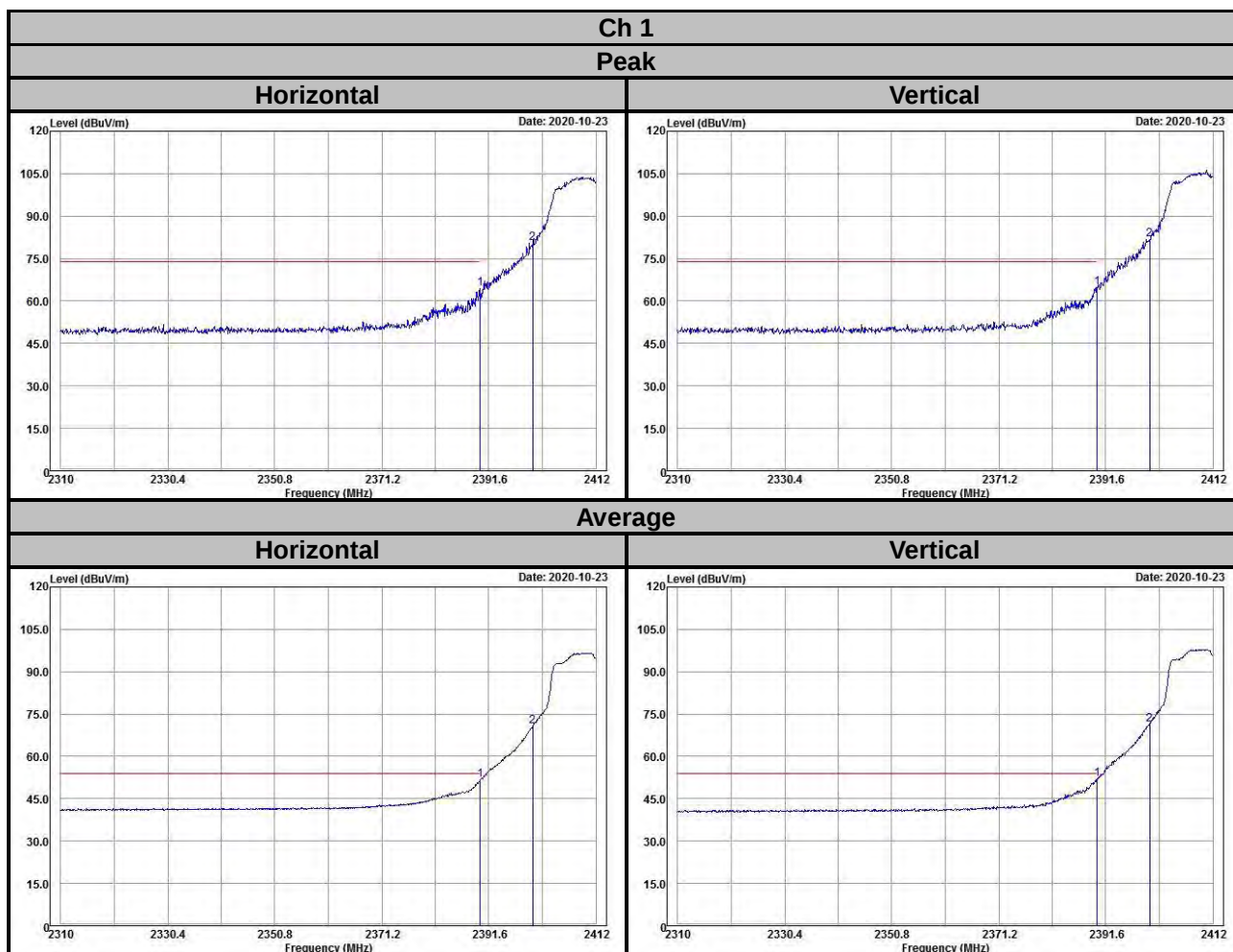
### Vertical



| Antenna Polarity & Test Distance: Horizontal at 3 m |                         |                   |               |                |             |                     |                      |         |
|-----------------------------------------------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| Frequency (MHz)                                     | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
| 2390                                                | 51.58                   | 47.08             | 4.5           | 54             | -2.42       | 300                 | 58                   | Average |
| 2390                                                | 64.55                   | 60.05             | 4.5           | 74             | -9.45       | 300                 | 58                   | Peak    |
| 2399.99                                             | 70.53                   | 66.01             | 4.52          | 76.77          | -6.24       | 300                 | 58                   | Average |
| 2399.99                                             | 80.27                   | 75.75             | 4.52          | 84.27          | -4          | 300                 | 58                   | Peak    |
| 2412                                                | 96.77                   | 92.22             | 4.55          |                |             | 300                 | 58                   | Average |
| 2412                                                | 104.27                  | 99.72             | 4.55          |                |             | 300                 | 58                   | Peak    |
| 4824                                                | 41.98                   | 31.69             | 10.29         | 54             | -12.02      | 162                 | 46                   | Average |
| 4824                                                | 48.13                   | 37.84             | 10.29         | 74             | -25.87      | 162                 | 46                   | Peak    |
| Antenna Polarity & Test Distance: Vertical at 3 m   |                         |                   |               |                |             |                     |                      |         |
| Frequency (MHz)                                     | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
| 2390                                                | 51.92                   | 47.42             | 4.5           | 54             | -2.08       | 332                 | 42                   | Average |
| 2390                                                | 64.67                   | 60.17             | 4.5           | 74             | -9.33       | 332                 | 42                   | Peak    |
| 2399.99                                             | 71.18                   | 66.66             | 4.52          | 78.19          | -7.01       | 332                 | 42                   | Average |
| 2399.99                                             | 81.76                   | 77.24             | 4.52          | 85.73          | -3.97       | 332                 | 42                   | Peak    |
| 2412                                                | 98.19                   | 93.64             | 4.55          |                |             | 332                 | 42                   | Average |
| 2412                                                | 105.73                  | 101.18            | 4.55          |                |             | 332                 | 42                   | Peak    |
| 4824                                                | 41.08                   | 30.79             | 10.29         | 54             | -12.92      | 132                 | 175                  | Average |
| 4824                                                | 47.15                   | 36.86             | 10.29         | 74             | -26.85      | 132                 | 175                  | Peak    |

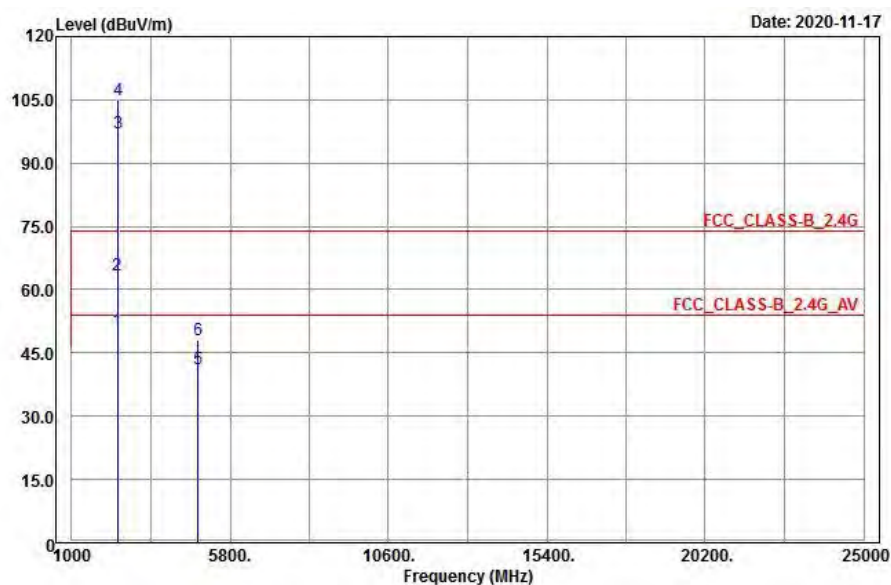
Remarks:

1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 2412 MHz: Fundamental Frequency.
3. The other emission levels were very low against the limit.

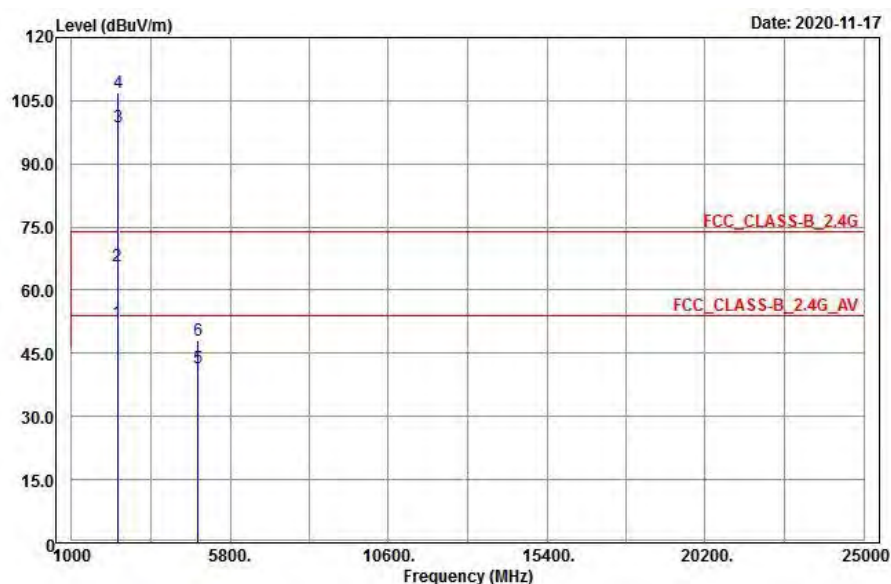


| EUT Test Condition       |                    | Measurement Detail |                           |
|--------------------------|--------------------|--------------------|---------------------------|
| Channel                  | Channel 2          | Frequency Range    | 1 GHz ~ 25 GHz            |
| Input Power              | 120 Vac, 60 Hz     | Detector Function  | Peak (PK)<br>Average (AV) |
| Environmental Conditions | 25 deg. C, 65 % RH | Tested By          | Karl Lee                  |

### Horizontal



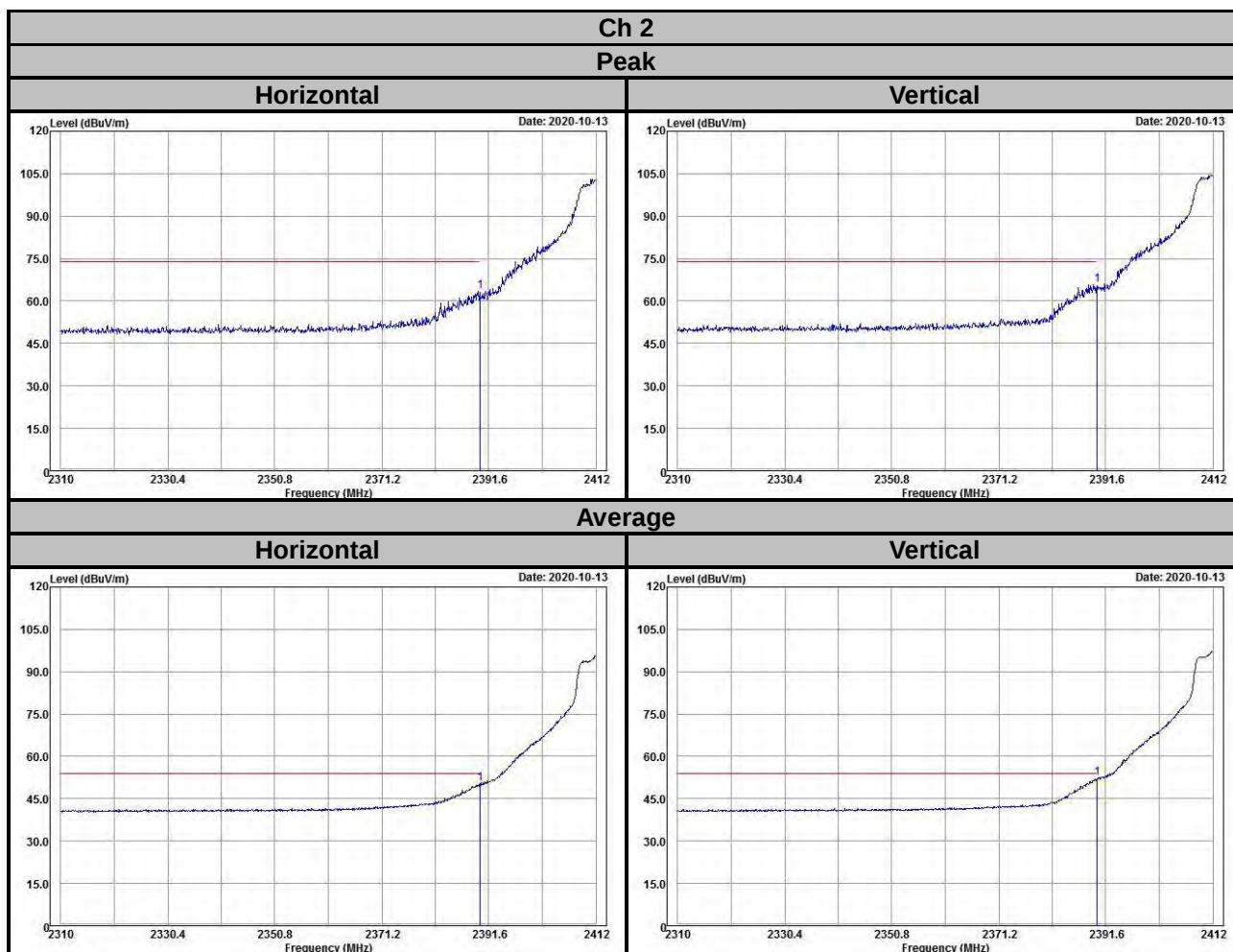
### Vertical



| Antenna Polarity & Test Distance: Horizontal at 3 m |                         |                   |               |                |             |                     |                      |         |
|-----------------------------------------------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| Frequency (MHz)                                     | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
| 2390                                                | 50.49                   | 45.99             | 4.5           | 54             | -3.51       | 300                 | 58                   | Average |
| 2390                                                | 63.42                   | 58.92             | 4.5           | 74             | -10.58      | 300                 | 58                   | Peak    |
| 2417                                                | 97.06                   | 92.52             | 4.54          |                |             | 300                 | 58                   | Average |
| 2417                                                | 105.09                  | 100.55            | 4.54          |                |             | 300                 | 58                   | Peak    |
| 4834                                                | 41.29                   | 31                | 10.29         | 54             | -12.71      | 150                 | 114                  | Average |
| 4834                                                | 48.03                   | 37.74             | 10.29         | 74             | -25.97      | 150                 | 114                  | Peak    |
| Antenna Polarity & Test Distance: Vertical at 3 m   |                         |                   |               |                |             |                     |                      |         |
| Frequency (MHz)                                     | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
| 2390                                                | 52.21                   | 47.71             | 4.5           | 54             | -1.79       | 332                 | 42                   | Average |
| 2390                                                | 65.68                   | 61.18             | 4.5           | 74             | -8.32       | 332                 | 42                   | Peak    |
| 2417                                                | 98.83                   | 94.29             | 4.54          |                |             | 332                 | 42                   | Average |
| 2417                                                | 107.04                  | 102.5             | 4.54          |                |             | 332                 | 42                   | Peak    |
| 4834                                                | 41.54                   | 31.25             | 10.29         | 54             | -12.46      | 157                 | 55                   | Average |
| 4834                                                | 48.1                    | 37.81             | 10.29         | 74             | -25.9       | 157                 | 55                   | Peak    |

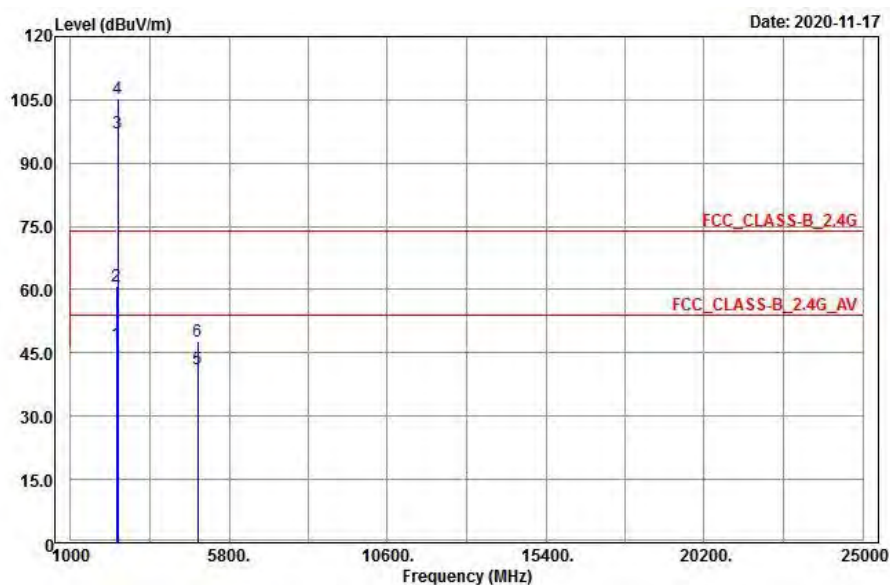
Remarks:

1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 2417 MHz: Fundamental Frequency.
3. The other emission levels were very low against the limit.

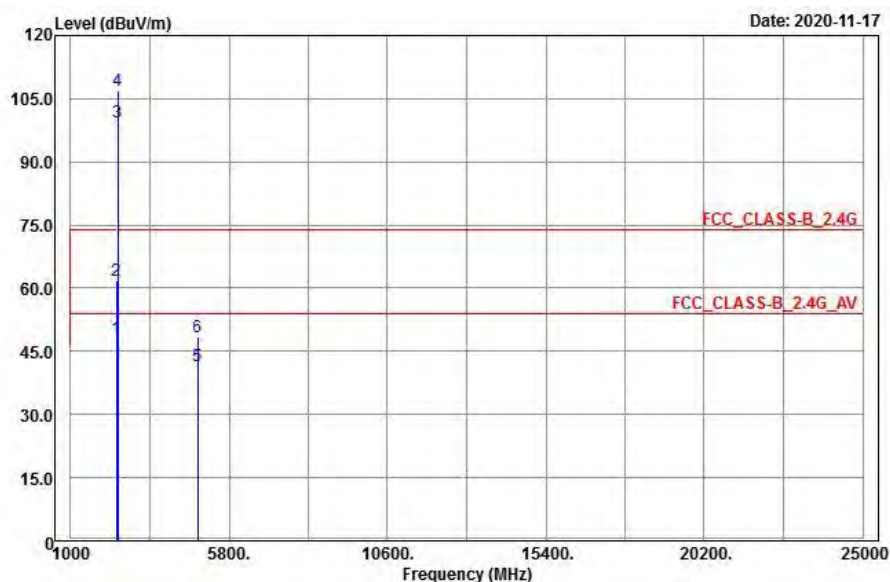


| EUT Test Condition       |                    | Measurement Detail |                           |
|--------------------------|--------------------|--------------------|---------------------------|
| Channel                  | Channel 3          | Frequency Range    | 1 GHz ~ 25 GHz            |
| Input Power              | 120 Vac, 60 Hz     | Detector Function  | Peak (PK)<br>Average (AV) |
| Environmental Conditions | 25 deg. C, 65 % RH | Tested By          | Karl Lee                  |

### Horizontal



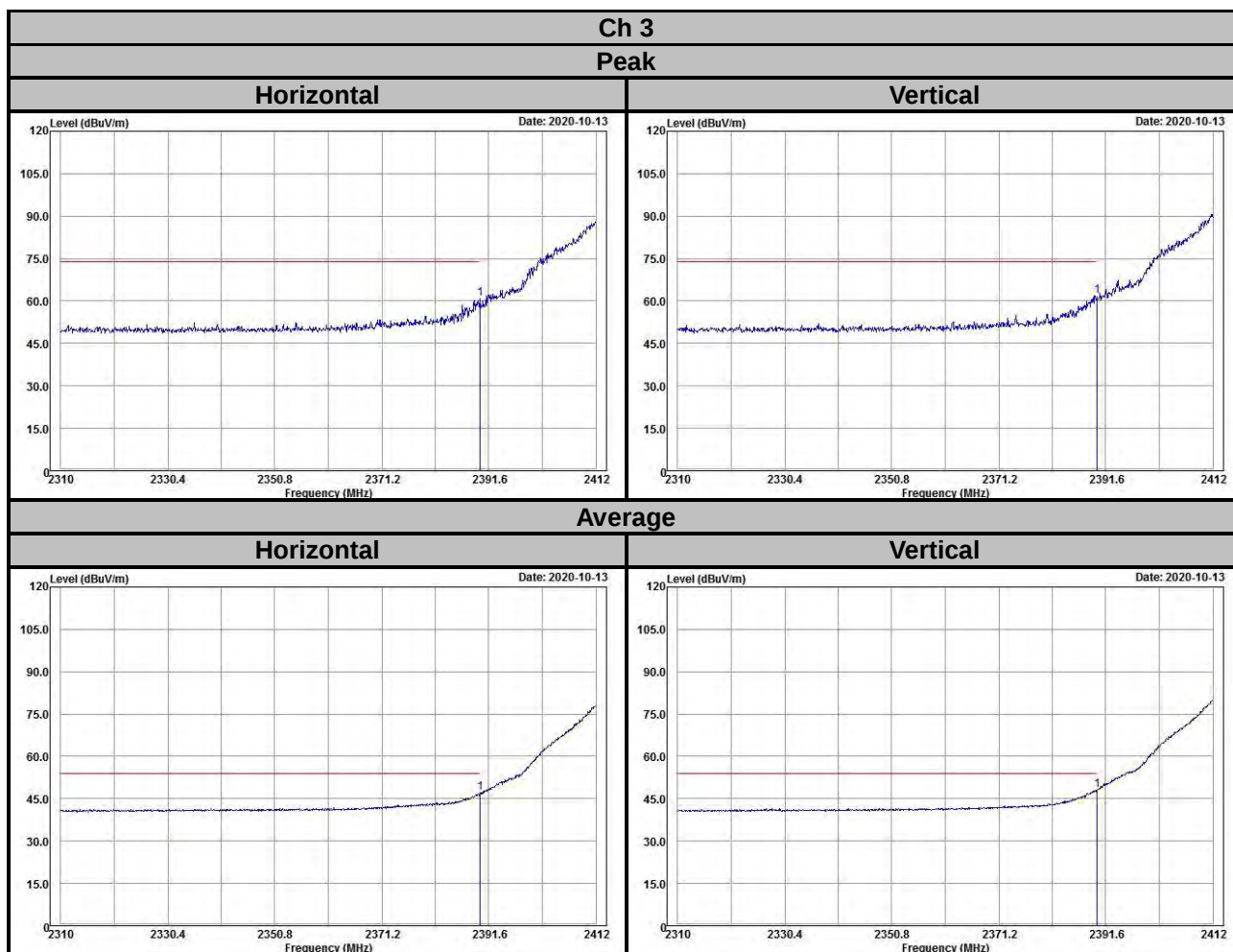
### Vertical



| Antenna Polarity & Test Distance: Horizontal at 3 m |                         |                   |               |                |             |                     |                      |         |
|-----------------------------------------------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| Frequency (MHz)                                     | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
| 2390                                                | 46.94                   | 42.44             | 4.5           | 54             | -7.06       | 300                 | 58                   | Average |
| 2390                                                | 60.8                    | 56.3              | 4.5           | 74             | -13.2       | 300                 | 58                   | Peak    |
| 2422                                                | 97.17                   | 92.61             | 4.56          |                |             | 300                 | 58                   | Average |
| 2422                                                | 105.43                  | 100.87            | 4.56          |                |             | 300                 | 58                   | Peak    |
| 4844                                                | 41.29                   | 31.06             | 10.23         | 54             | -12.71      | 174                 | 145                  | Average |
| 4844                                                | 47.71                   | 37.48             | 10.23         | 74             | -26.29      | 174                 | 145                  | Peak    |
| Antenna Polarity & Test Distance: Vertical at 3 m   |                         |                   |               |                |             |                     |                      |         |
| Frequency (MHz)                                     | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
| 2390                                                | 48.07                   | 43.57             | 4.5           | 54             | -5.93       | 332                 | 42                   | Average |
| 2390                                                | 61.8                    | 57.3              | 4.5           | 74             | -12.2       | 332                 | 42                   | Peak    |
| 2422                                                | 99.26                   | 94.7              | 4.56          |                |             | 332                 | 42                   | Average |
| 2422                                                | 106.81                  | 102.25            | 4.56          |                |             | 332                 | 42                   | Peak    |
| 4844                                                | 41.51                   | 31.28             | 10.23         | 54             | -12.49      | 137                 | 222                  | Average |
| 4844                                                | 48.41                   | 38.18             | 10.23         | 74             | -25.59      | 137                 | 222                  | Peak    |

Remarks:

1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 2412 MHz: Fundamental Frequency.
3. The other emission levels were very low against the limit.



| EUT Test Condition       |                    | Measurement Detail |                           |
|--------------------------|--------------------|--------------------|---------------------------|
| Channel                  | Channel 6          | Frequency Range    | 1 GHz ~ 25 GHz            |
| Input Power              | 120 Vac, 60 Hz     | Detector Function  | Peak (PK)<br>Average (AV) |
| Environmental Conditions | 25 deg. C, 65 % RH | Tested By          | Karl Lee                  |

| Antenna Polarity & Test Distance: Horizontal at 3 m |                         |                   |               |                |             |                     |                      |         |
|-----------------------------------------------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| Frequency (MHz)                                     | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
| 2390                                                | 42.12                   | 37.62             | 4.5           | 54             | -11.88      | 300                 | 58                   | Average |
| 2390                                                | 52.84                   | 48.34             | 4.5           | 74             | -21.16      | 300                 | 58                   | Peak    |
| 2437                                                | 96.58                   | 91.99             | 4.59          |                |             | 300                 | 58                   | Average |
| 2437                                                | 103.9                   | 99.31             | 4.59          |                |             | 300                 | 58                   | Peak    |
| 2483.5                                              | 43.54                   | 38.88             | 4.66          | 54             | -10.46      | 300                 | 58                   | Average |
| 2483.5                                              | 55.32                   | 50.66             | 4.66          | 74             | -18.68      | 300                 | 58                   | Peak    |
| 4874                                                | 41.17                   | 30.96             | 10.21         | 54             | -12.83      | 150                 | 298                  | Average |
| 4874                                                | 47.33                   | 37.12             | 10.21         | 74             | -26.67      | 150                 | 298                  | Peak    |
| Antenna Polarity & Test Distance: Vertical at 3 m   |                         |                   |               |                |             |                     |                      |         |
| Frequency (MHz)                                     | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
| 2390                                                | 42.62                   | 38.12             | 4.5           | 54             | -11.38      | 373                 | 45                   | Average |
| 2390                                                | 52.66                   | 48.16             | 4.5           | 74             | -21.34      | 373                 | 45                   | Peak    |
| 2437                                                | 99.76                   | 95.17             | 4.59          |                |             | 373                 | 45                   | Average |
| 2437                                                | 106.58                  | 101.99            | 4.59          |                |             | 373                 | 45                   | Peak    |
| 2483.5                                              | 43.4                    | 38.74             | 4.66          | 54             | -10.6       | 373                 | 45                   | Average |
| 2483.5                                              | 57.09                   | 52.43             | 4.66          | 74             | -16.91      | 373                 | 45                   | Peak    |
| 4874                                                | 41.6                    | 31.39             | 10.21         | 54             | -12.4       | 134                 | 115                  | Average |
| 4874                                                | 47.42                   | 37.21             | 10.21         | 74             | -26.58      | 134                 | 115                  | Peak    |

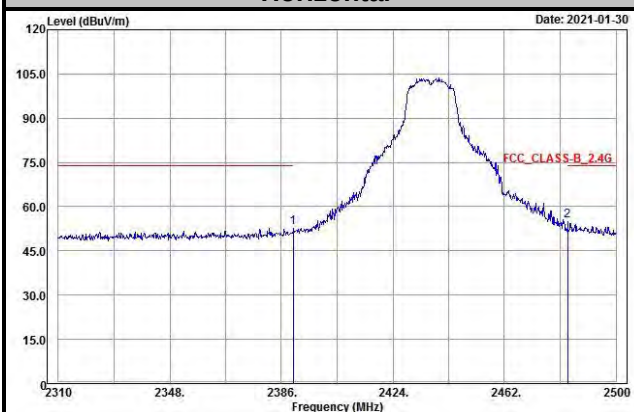
Remarks:

1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 2437 MHz: Fundamental Frequency.
3. The other emission levels were very low against the limit.

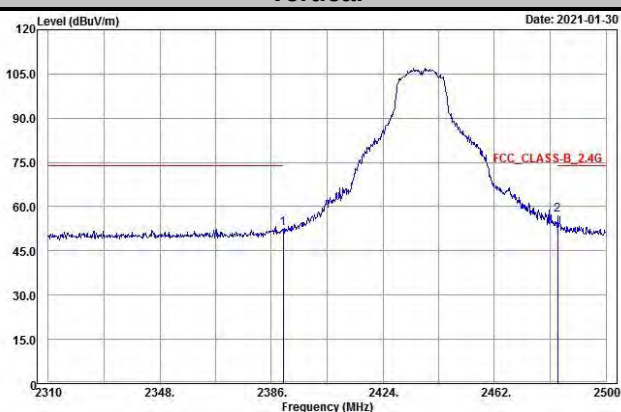
# Ch 6

## Peak

### Horizontal

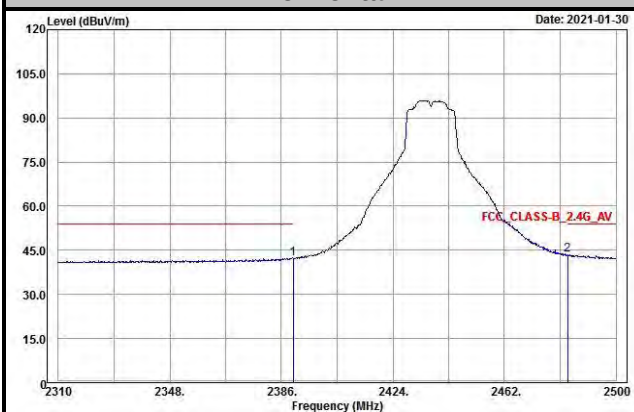


### Vertical

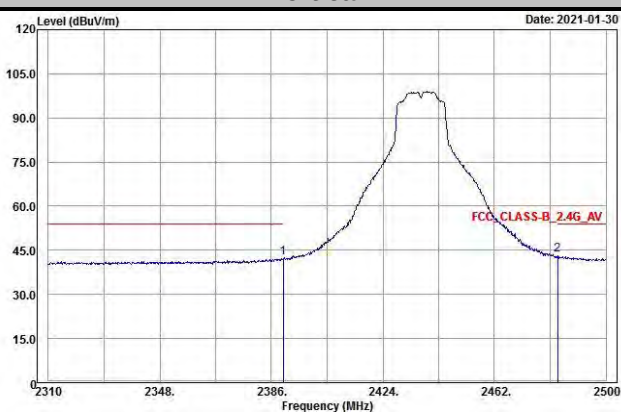


## Average

### Horizontal

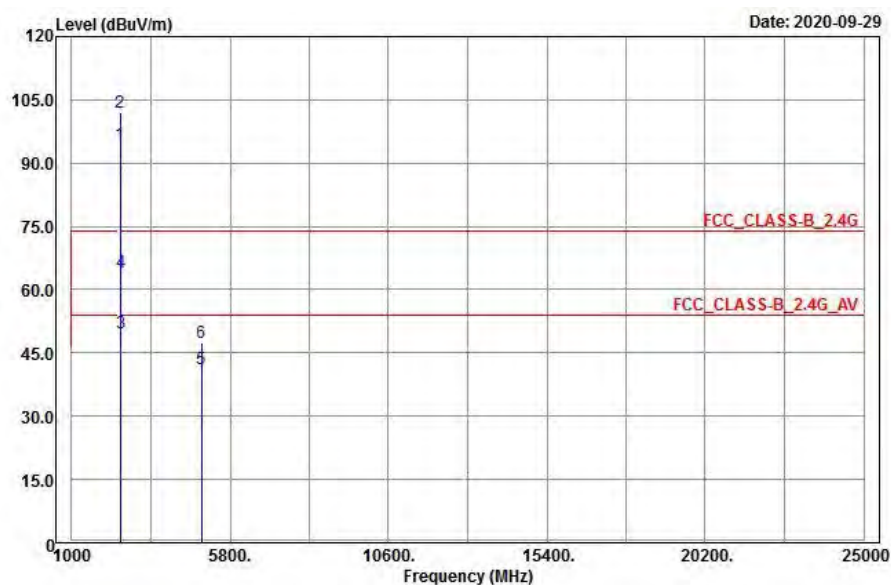


### Vertical

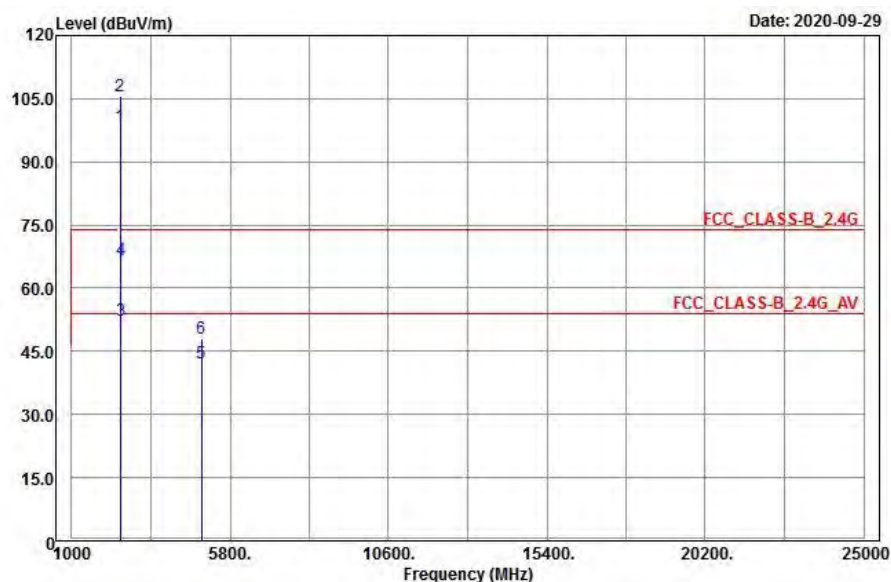


| EUT Test Condition       |                    | Measurement Detail |                           |
|--------------------------|--------------------|--------------------|---------------------------|
| Channel                  | Channel 11         | Frequency Range    | 1 GHz ~ 25 GHz            |
| Input Power              | 120 Vac, 60 Hz     | Detector Function  | Peak (PK)<br>Average (AV) |
| Environmental Conditions | 25 deg. C, 65 % RH | Tested By          | Karl Lee                  |

## Horizontal



## Vertical



| Antenna Polarity & Test Distance: Horizontal at 3 m |                         |                   |               |                |             |                     |                      |         |
|-----------------------------------------------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| Frequency (MHz)                                     | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
| 2462                                                | 94.44                   | 89.82             | 4.62          |                |             | 300                 | 58                   | Average |
| 2462                                                | 101.89                  | 97.27             | 4.62          |                |             | 300                 | 58                   | Peak    |
| 2483.5                                              | 49.84                   | 45.18             | 4.66          | 54             | -4.16       | 300                 | 58                   | Average |
| 2483.5                                              | 63.96                   | 59.3              | 4.66          | 74             | -10.04      | 300                 | 58                   | Peak    |
| 4924                                                | 41.34                   | 31.09             | 10.25         | 54             | -12.66      | 191                 | 73                   | Average |
| 4924                                                | 47.56                   | 37.31             | 10.25         | 74             | -26.44      | 191                 | 73                   | Peak    |
| Antenna Polarity & Test Distance: Vertical at 3 m   |                         |                   |               |                |             |                     |                      |         |
| Frequency (MHz)                                     | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
| 2462                                                | 98.28                   | 93.66             | 4.62          |                |             | 358                 | 45                   | Average |
| 2462                                                | 105.55                  | 100.93            | 4.62          |                |             | 358                 | 45                   | Peak    |
| 2483.5                                              | 52.46                   | 47.8              | 4.66          | 54             | -1.54       | 358                 | 45                   | Average |
| 2483.5                                              | 66.82                   | 62.16             | 4.66          | 74             | -7.18       | 358                 | 45                   | Peak    |
| 4924                                                | 42.21                   | 31.96             | 10.25         | 54             | -11.79      | 176                 | 253                  | Average |
| 4924                                                | 48.22                   | 37.97             | 10.25         | 74             | -25.78      | 176                 | 253                  | Peak    |

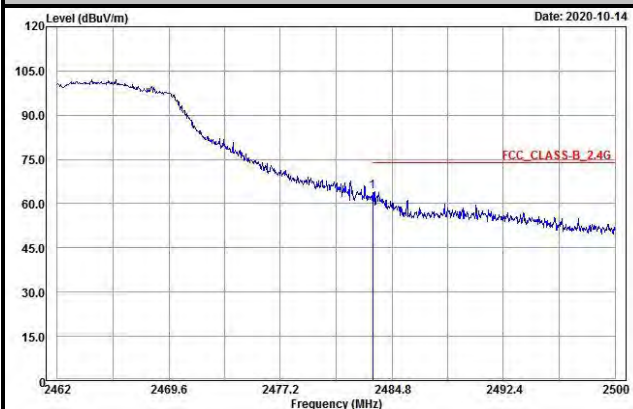
Remarks:

1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 2462 MHz: Fundamental Frequency.
3. The other emission levels were very low against the limit.

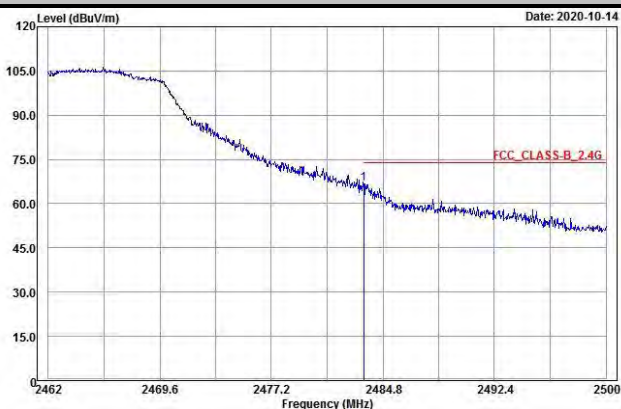
## Ch 11

### Peak

#### Horizontal



#### Vertical



### Average

#### Horizontal

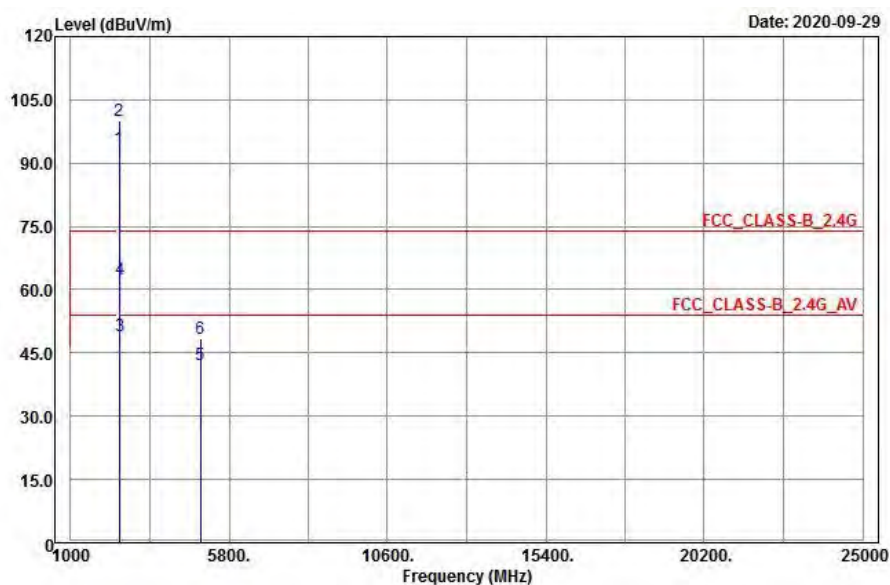


#### Vertical

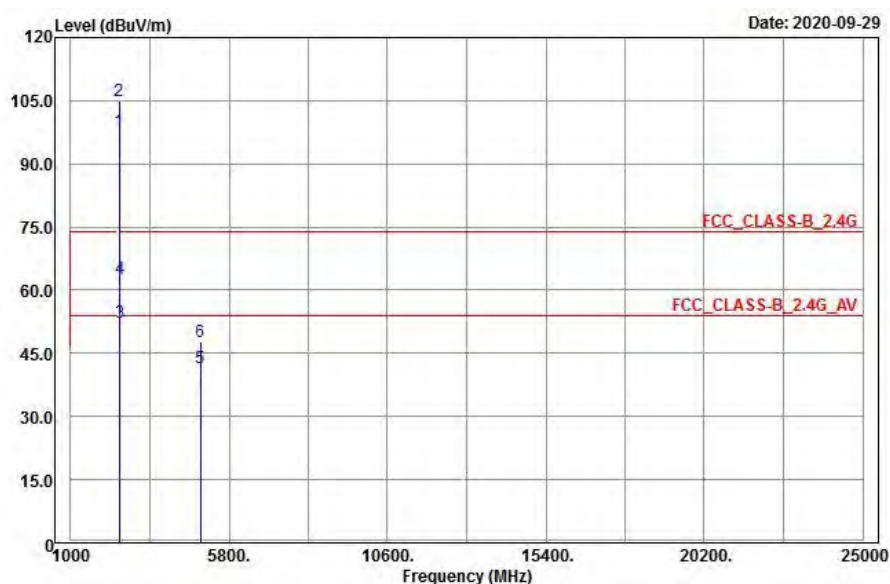


| EUT Test Condition       |                    | Measurement Detail |                           |
|--------------------------|--------------------|--------------------|---------------------------|
| Channel                  | Channel 12         | Frequency Range    | 1 GHz ~ 25 GHz            |
| Input Power              | 120 Vac, 60 Hz     | Detector Function  | Peak (PK)<br>Average (AV) |
| Environmental Conditions | 25 deg. C, 65 % RH | Tested By          | Karl Lee                  |

## Horizontal



## Vertical



| Antenna Polarity & Test Distance: Horizontal at 3 m |                         |                   |               |                |             |                     |                      |         |
|-----------------------------------------------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| Frequency (MHz)                                     | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
| 2467                                                | 93.36                   | 88.73             | 4.63          |                |             | 300                 | 58                   | Average |
| 2467                                                | 100                     | 95.37             | 4.63          |                |             | 300                 | 58                   | Peak    |
| 2483.5                                              | 49.2                    | 44.54             | 4.66          | 54             | -4.8        | 300                 | 58                   | Average |
| 2483.5                                              | 62.47                   | 57.81             | 4.66          | 74             | -11.53      | 300                 | 58                   | Peak    |
| 4934                                                | 42.23                   | 31.97             | 10.26         | 54             | -11.77      | 187                 | 121                  | Average |
| 4934                                                | 48.53                   | 38.27             | 10.26         | 74             | -25.47      | 187                 | 121                  | Peak    |
| Antenna Polarity & Test Distance: Vertical at 3 m   |                         |                   |               |                |             |                     |                      |         |
| Frequency (MHz)                                     | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
| 2467                                                | 97.69                   | 93.06             | 4.63          |                |             | 358                 | 45                   | Average |
| 2467                                                | 104.88                  | 100.25            | 4.63          |                |             | 358                 | 45                   | Peak    |
| 2483.5                                              | 52.28                   | 47.62             | 4.66          | 54             | -1.72       | 358                 | 45                   | Average |
| 2483.5                                              | 62.91                   | 58.25             | 4.66          | 74             | -11.09      | 358                 | 45                   | Peak    |
| 4934                                                | 41.58                   | 31.32             | 10.26         | 54             | -12.42      | 124                 | 186                  | Average |
| 4934                                                | 47.89                   | 37.63             | 10.26         | 74             | -26.11      | 124                 | 186                  | Peak    |

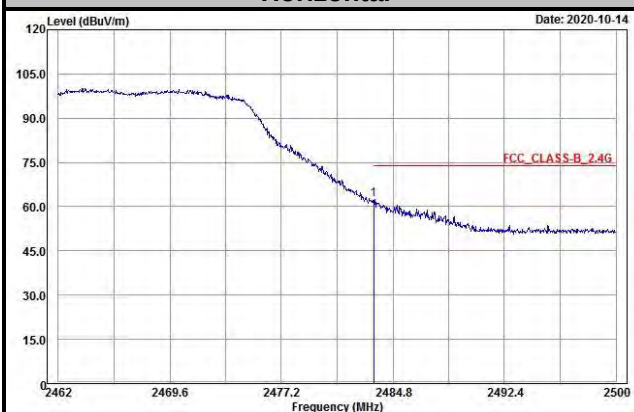
Remarks:

1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 2467 MHz: Fundamental Frequency.
3. The other emission levels were very low against the limit.

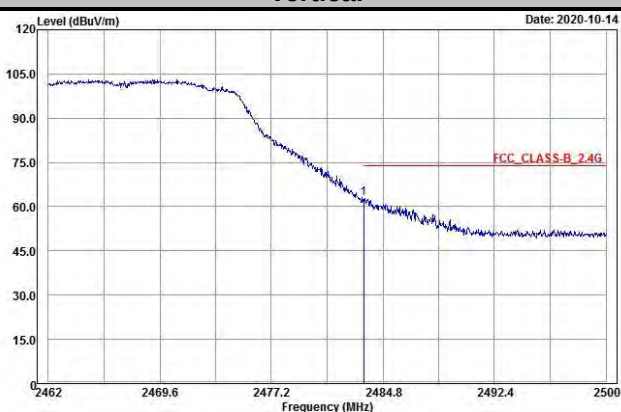
## Ch 12

### Peak

#### Horizontal



#### Vertical

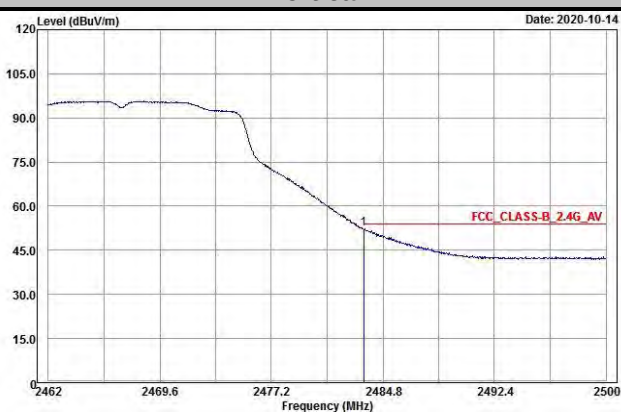


### Average

#### Horizontal

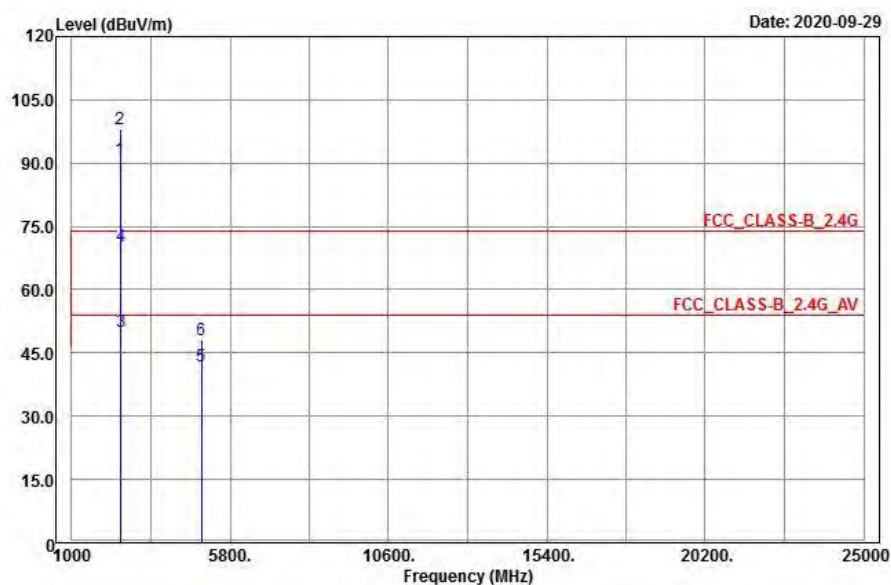


#### Vertical

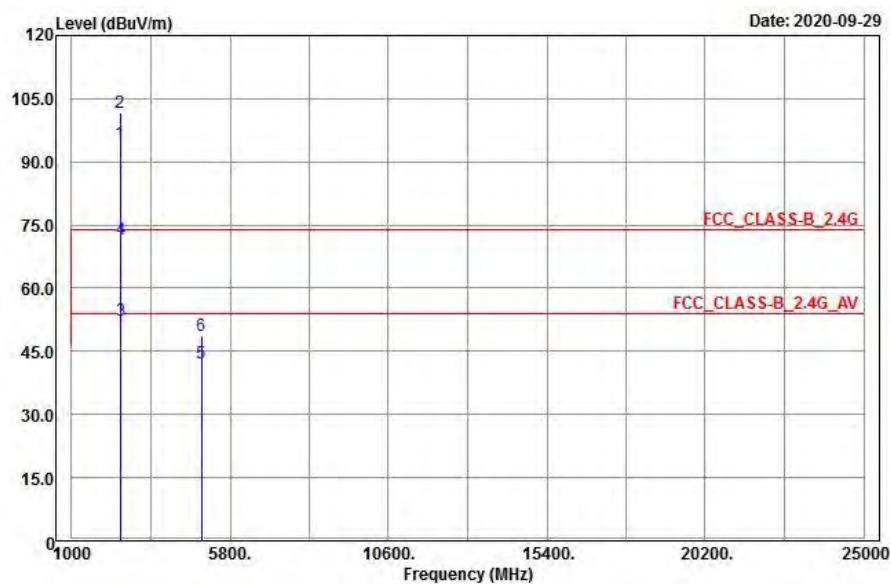


| EUT Test Condition       |                    | Measurement Detail |                           |
|--------------------------|--------------------|--------------------|---------------------------|
| Channel                  | Channel 13         | Frequency Range    | 1 GHz ~ 25 GHz            |
| Input Power              | 120 Vac, 60 Hz     | Detector Function  | Peak (PK)<br>Average (AV) |
| Environmental Conditions | 25 deg. C, 65 % RH | Tested By          | Charles Hsiao             |

## Horizontal



## Vertical



**Antenna Polarity & Test Distance: Horizontal at 3 m**

| Frequency (MHz) | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
|-----------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| 2472            | 90.88                   | 86.24             | 4.64          |                |             | 312                 | 58                   | Average |
| 2472            | 97.99                   | 93.35             | 4.64          |                |             | 312                 | 58                   | Peak    |
| 2483.5          | 49.93                   | 45.27             | 4.66          | 54             | -4.07       | 312                 | 58                   | Average |
| 2483.5          | 70.17                   | 65.51             | 4.66          | 74             | -3.83       | 312                 | 58                   | Peak    |
| 4944            | 41.8                    | 31.45             | 10.35         | 54             | -12.2       | 161                 | 25                   | Average |
| 4944            | 47.99                   | 37.64             | 10.35         | 74             | -26.01      | 161                 | 25                   | Peak    |

**Antenna Polarity & Test Distance: Vertical at 3 m**

| Frequency (MHz) | Emission Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Table Angle (Degree) | Remark  |
|-----------------|-------------------------|-------------------|---------------|----------------|-------------|---------------------|----------------------|---------|
| 2472            | 94.39                   | 89.75             | 4.64          |                |             | 358                 | 44                   | Average |
| 2472            | 101.78                  | 97.14             | 4.64          |                |             | 358                 | 44                   | Peak    |
| 2483.5          | 52.28                   | 47.62             | 4.66          | 54             | -1.72       | 358                 | 44                   | Average |
| 2483.5          | 71.6                    | 66.94             | 4.66          | 74             | -2.4        | 358                 | 44                   | Peak    |
| 4944            | 42.21                   | 31.86             | 10.35         | 54             | -11.79      | 145                 | 223                  | Average |
| 4944            | 48.88                   | 38.53             | 10.35         | 74             | -25.12      | 145                 | 223                  | Peak    |

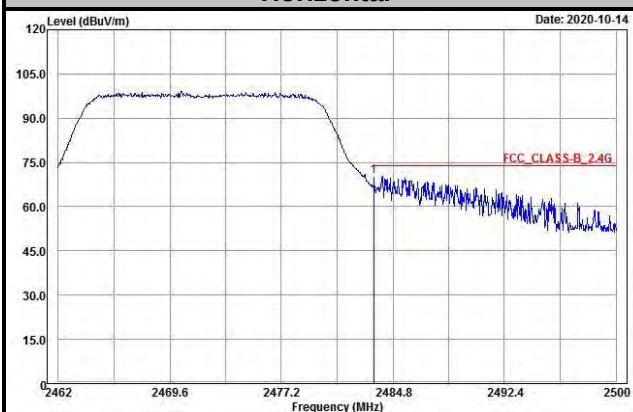
Remarks:

1. Emission Level = Read Level + Factor  
Margin Value = Emission Level – Limit value
2. 2472 MHz: Fundamental Frequency.
3. The other emission levels were very low against the limit.

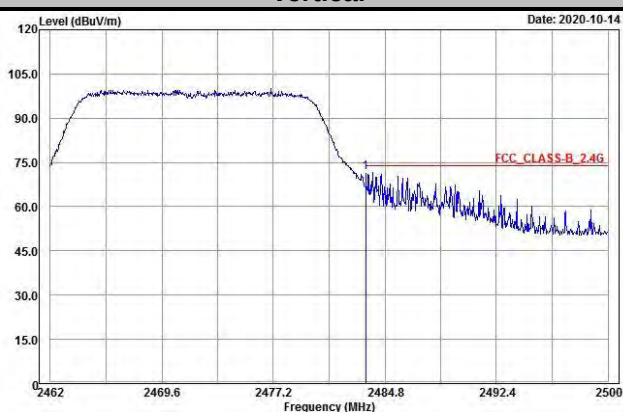
# Ch 13

## Peak

### Horizontal

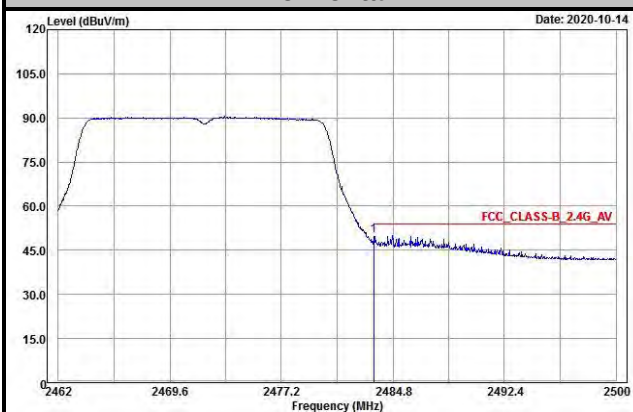


### Vertical



## Average

### Horizontal



### Vertical

