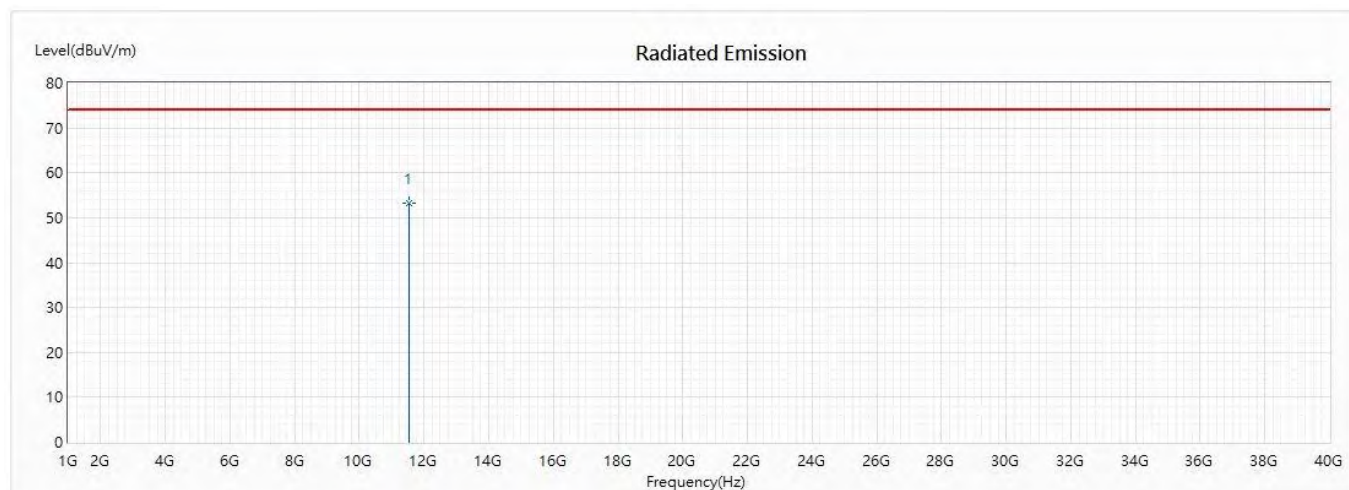


Product : LTE SOM Module  
 Test Item : Harmonic Radiated Emission Data  
 Test Date : 2020/04/20  
 Test Mode : Mode 4:802.11ac-80 (5775MHz)

## Vertical



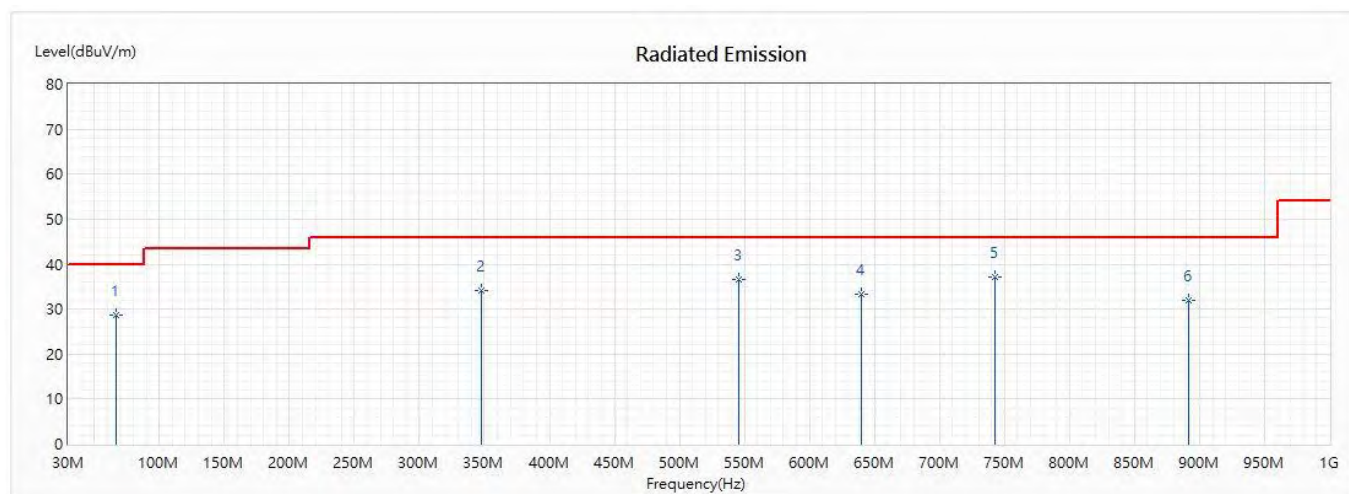
| No  | Frequency<br>(MHz) | Emission Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Reading Level<br>(dBuV) | Correct Factor<br>(dB/m) | Detector<br>Type |
|-----|--------------------|----------------------------|-------------------|----------------|-------------------------|--------------------------|------------------|
| * 1 | 11550              | 53.35                      | 74.00             | -20.65         | 38.49                   | 14.86                    | PK               |

## Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 1:802.11a(5220MHz)

## Horizontal



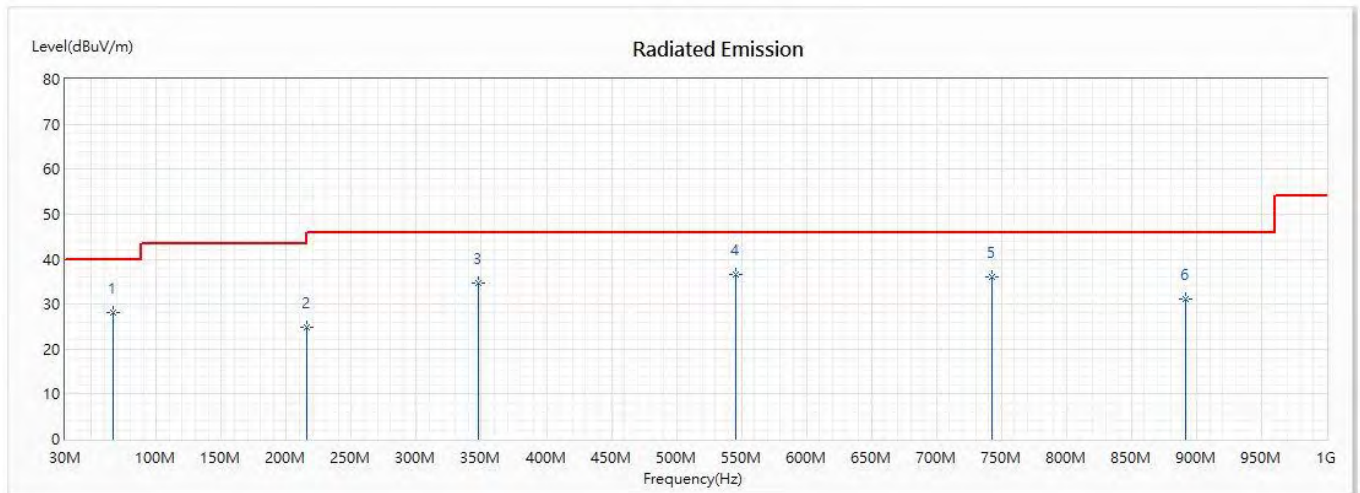
| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 66.551          | 28.70                   | 40.00          | -11.30      | 41.99                | -13.29                | QP            |
| 2   | 347.71          | 34.21                   | 46.00          | -11.79      | 39.31                | -5.10                 | QP            |
| 3   | 545.928         | 36.66                   | 46.00          | -9.34       | 39.69                | -3.03                 | QP            |
| 4   | 640.116         | 33.21                   | 46.00          | -12.79      | 34.72                | -1.51                 | QP            |
| * 5 | 742.739         | 37.17                   | 46.00          | -8.83       | 37.87                | -0.70                 | QP            |
| 6   | 891.754         | 32.07                   | 46.00          | -13.93      | 33.20                | -1.13                 | QP            |

## Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 1:802.11a(5220MHz)

### Vertical



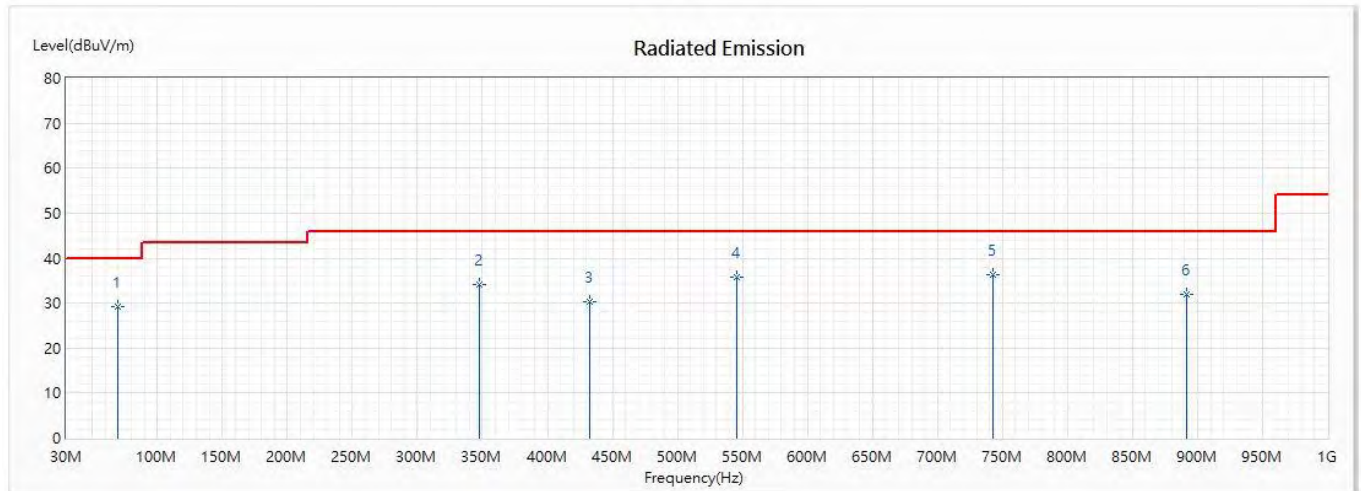
| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 66.551          | 28.01                   | 40.00          | -11.99      | 41.30                | -13.29                | QP            |
| 2   | 215.565         | 24.87                   | 43.50          | -18.63      | 35.88                | -11.01                | QP            |
| 3   | 347.71          | 34.59                   | 46.00          | -11.41      | 39.69                | -5.10                 | QP            |
| * 4 | 545.928         | 36.63                   | 46.00          | -9.37       | 39.66                | -3.03                 | QP            |
| 5   | 742.739         | 36.11                   | 46.00          | -9.89       | 36.81                | -0.70                 | QP            |
| 6   | 891.754         | 31.08                   | 46.00          | -14.92      | 32.21                | -1.13                 | QP            |

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 1:802.11a(5300MHz)

### Horizontal



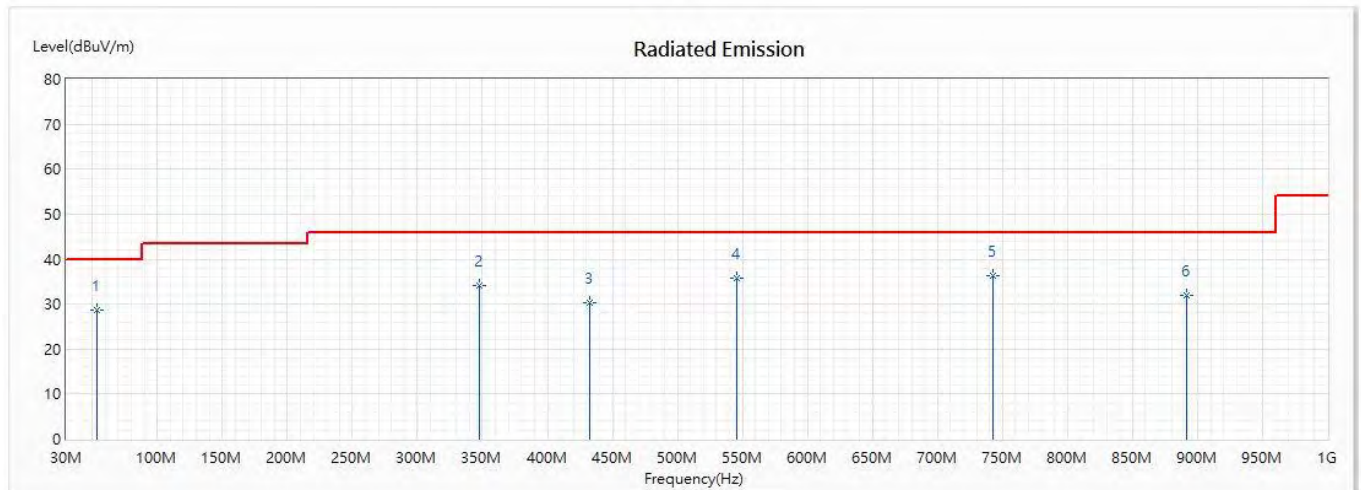
| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 69.362          | 29.12                   | 40.00          | -10.88      | 42.40                | -13.28                | QP            |
| 2   | 347.71          | 34.12                   | 46.00          | -11.88      | 39.22                | -5.10                 | QP            |
| 3   | 432.058         | 30.20                   | 46.00          | -15.80      | 32.81                | -2.61                 | QP            |
| 4   | 545.928         | 35.74                   | 46.00          | -10.26      | 38.77                | -3.03                 | QP            |
| * 5 | 742.739         | 36.24                   | 46.00          | -9.76       | 36.94                | -0.70                 | QP            |
| 6   | 891.754         | 31.89                   | 46.00          | -14.11      | 33.02                | -1.13                 | QP            |

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 1:802.11a (5300MHz)

### Vertical



| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 53.899          | 28.58                   | 40.00          | -11.42      | 39.88                | -11.30                | QP            |
| 2   | 347.71          | 34.12                   | 46.00          | -11.88      | 39.22                | -5.10                 | QP            |
| 3   | 432.058         | 30.20                   | 46.00          | -15.80      | 32.81                | -2.61                 | QP            |
| 4   | 545.928         | 35.74                   | 46.00          | -10.26      | 38.77                | -3.03                 | QP            |
| * 5 | 742.739         | 36.24                   | 46.00          | -9.76       | 36.94                | -0.70                 | QP            |
| 6   | 891.754         | 31.89                   | 46.00          | -14.11      | 33.02                | -1.13                 | QP            |

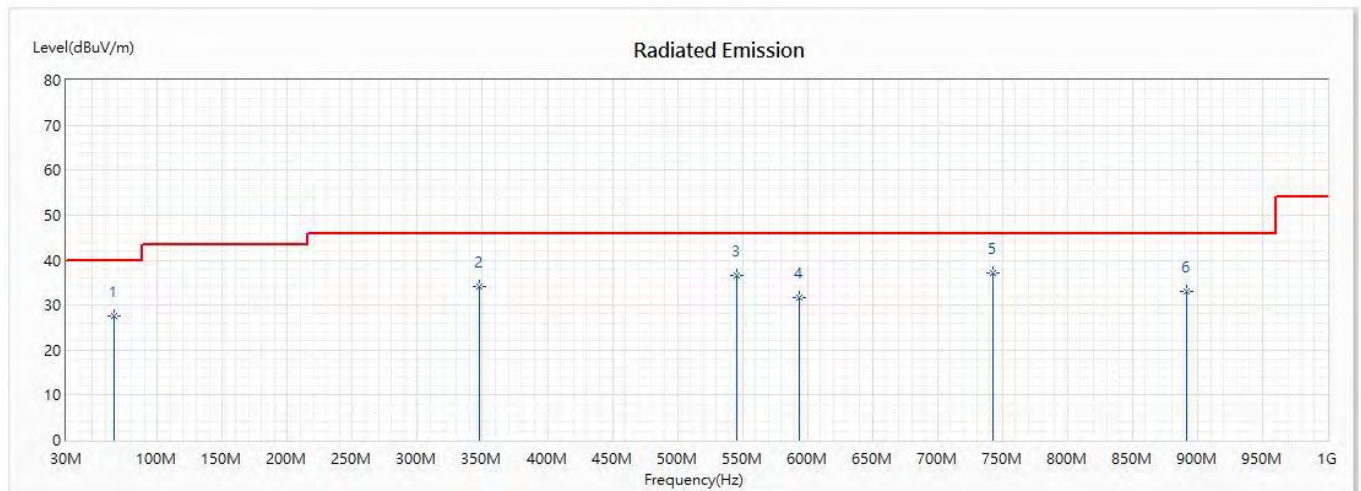
### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.



Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 1:802.11a (5580MHz)

### Horizontal



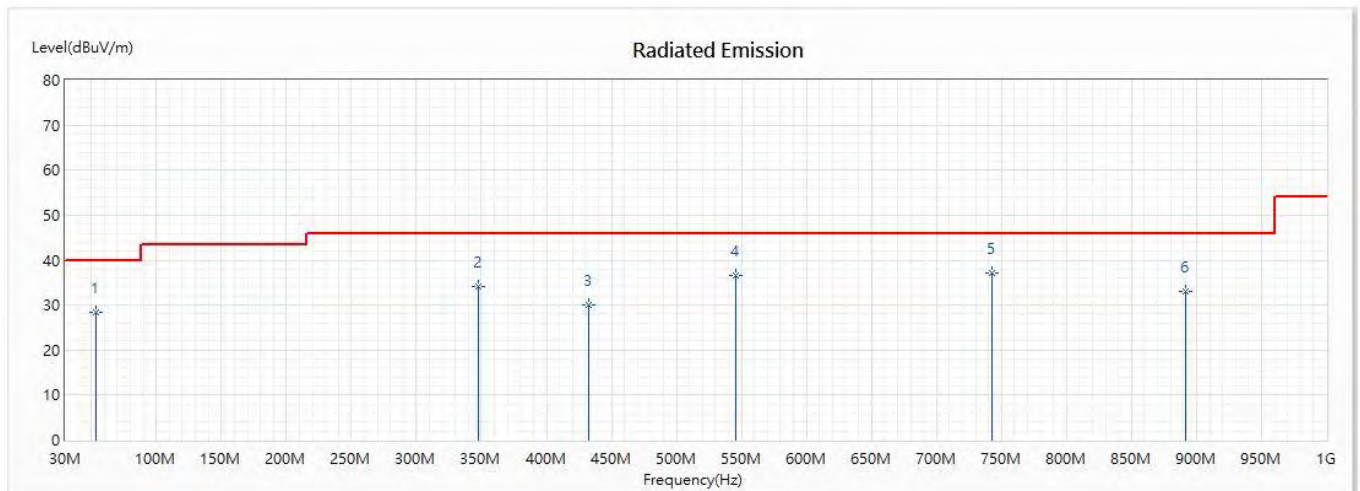
| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 66.551          | 27.45                   | 40.00          | -12.55      | 40.74                | -13.29                | QP            |
| 2   | 347.71          | 34.25                   | 46.00          | -11.75      | 39.35                | -5.10                 | QP            |
| 3   | 545.928         | 36.65                   | 46.00          | -9.35       | 39.68                | -3.03                 | QP            |
| 4   | 593.725         | 31.61                   | 46.00          | -14.39      | 31.87                | -0.26                 | QP            |
| * 5 | 742.739         | 37.05                   | 46.00          | -8.95       | 37.75                | -0.70                 | QP            |
| 6   | 891.754         | 33.12                   | 46.00          | -12.88      | 34.25                | -1.13                 | QP            |

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 1:802.11a (5580MHz)

### Vertical

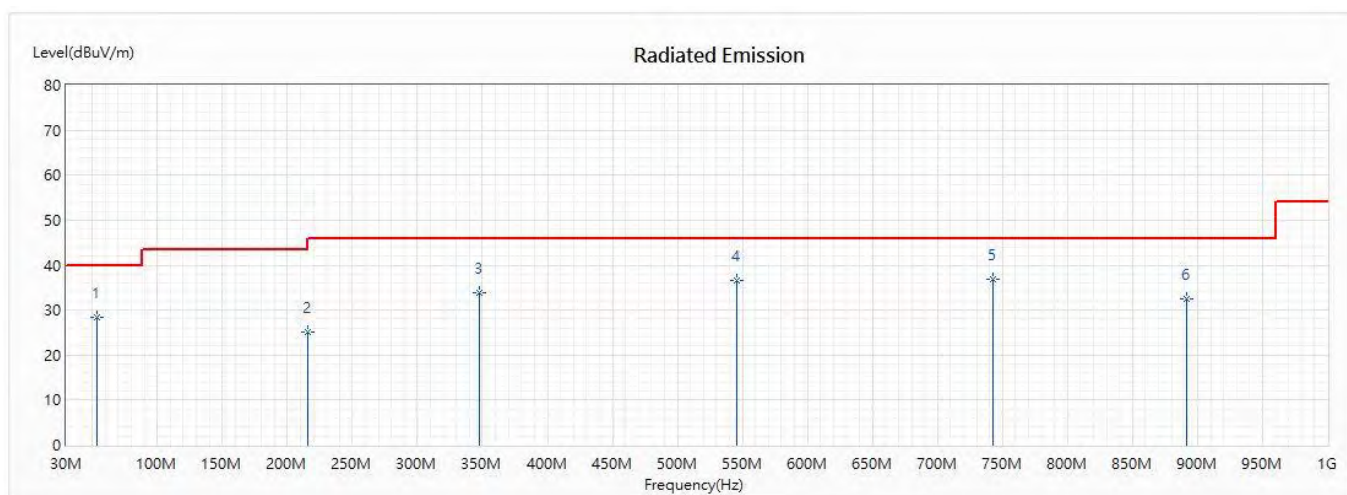


### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 1:802.11a (5720MHz)

## Horizontal



| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 53.899          | 28.52                   | 40.00          | -11.48      | 39.82                | -11.30                | QP            |
| 2   | 215.565         | 25.04                   | 43.50          | -18.46      | 36.05                | -11.01                | QP            |
| 3   | 347.71          | 33.82                   | 46.00          | -12.18      | 38.92                | -5.10                 | QP            |
| 4   | 545.928         | 36.62                   | 46.00          | -9.38       | 39.65                | -3.03                 | QP            |
| * 5 | 742.739         | 36.75                   | 46.00          | -9.25       | 37.45                | -0.70                 | QP            |
| 6   | 891.754         | 32.36                   | 46.00          | -13.64      | 33.49                | -1.13                 | QP            |

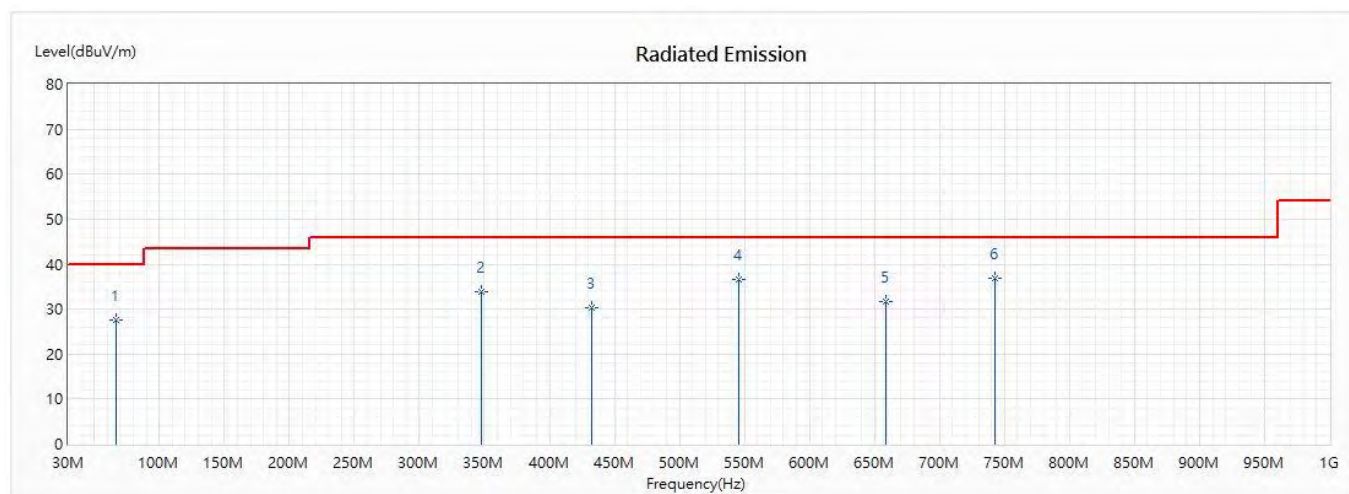
## Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.



Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 1:802.11a (5720MHz)

## Vertical

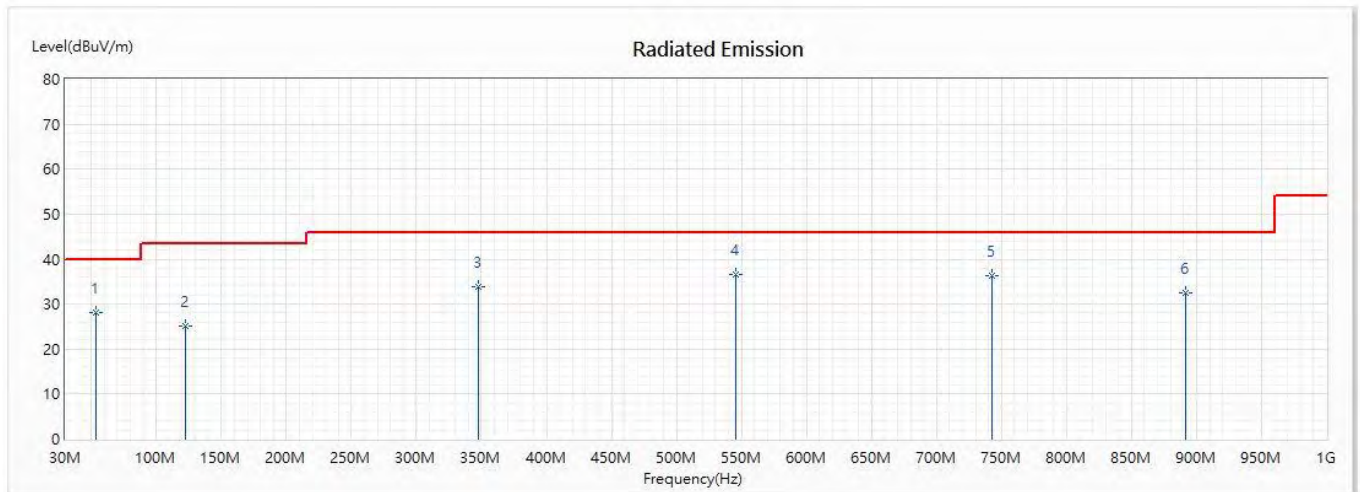


## Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 1:802.11a (5785MHz)

### Horizontal



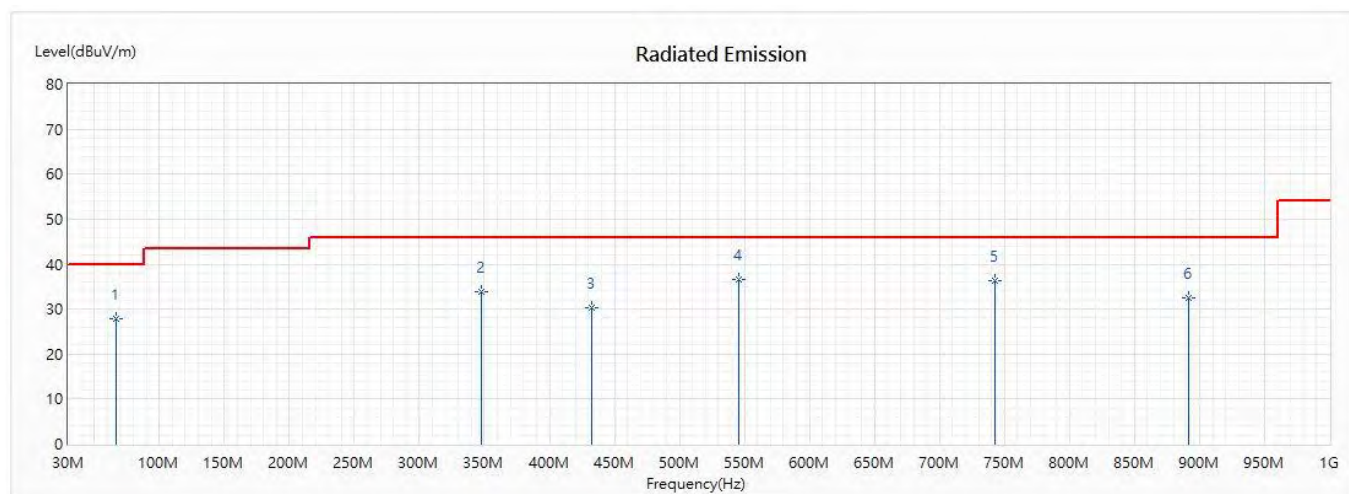
| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 53.899          | 28.18                   | 40.00          | -11.82      | 39.48                | -11.30                | QP            |
| 2   | 122.783         | 25.04                   | 43.50          | -18.46      | 34.24                | -9.20                 | QP            |
| 3   | 347.71          | 33.82                   | 46.00          | -12.18      | 38.92                | -5.10                 | QP            |
| * 4 | 545.928         | 36.53                   | 46.00          | -9.47       | 39.56                | -3.03                 | QP            |
| 5   | 742.739         | 36.31                   | 46.00          | -9.69       | 37.01                | -0.70                 | QP            |
| 6   | 891.754         | 32.39                   | 46.00          | -13.61      | 33.52                | -1.13                 | QP            |

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 1:802.11a (5785MHz)

## Vertical



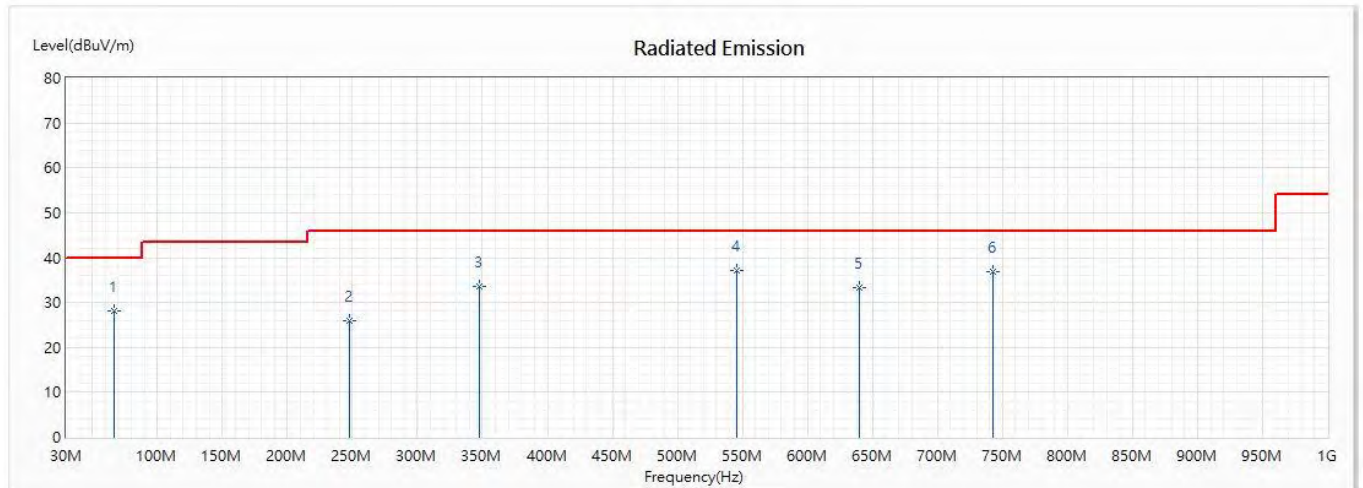
| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 66.551          | 27.80                   | 40.00          | -12.20      | 41.09                | -13.29                | QP            |
| 2   | 347.71          | 33.82                   | 46.00          | -12.18      | 38.92                | -5.10                 | QP            |
| 3   | 432.058         | 30.41                   | 46.00          | -15.59      | 33.02                | -2.61                 | QP            |
| * 4 | 545.928         | 36.53                   | 46.00          | -9.47       | 39.56                | -3.03                 | QP            |
| 5   | 742.739         | 36.31                   | 46.00          | -9.69       | 37.01                | -0.70                 | QP            |
| 6   | 891.754         | 32.39                   | 46.00          | -13.61      | 33.52                | -1.13                 | QP            |

## Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 2:802.11ac20 (5220MHz)

### Horizontal



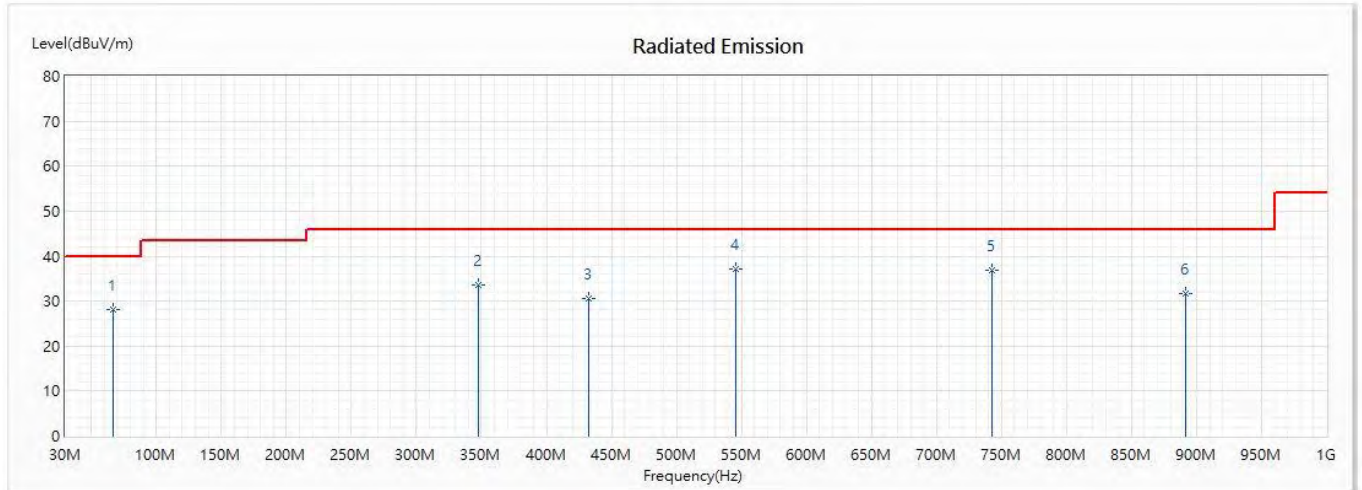
| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 66.551          | 28.03                   | 40.00          | -11.97      | 41.32                | -13.29                | QP            |
| 2   | 247.899         | 25.87                   | 46.00          | -20.13      | 35.40                | -9.53                 | QP            |
| 3   | 347.71          | 33.45                   | 46.00          | -12.55      | 38.55                | -5.10                 | QP            |
| * 4 | 545.928         | 37.15                   | 46.00          | -8.85       | 40.18                | -3.03                 | QP            |
| 5   | 640.116         | 33.24                   | 46.00          | -12.76      | 34.75                | -1.51                 | QP            |
| 6   | 742.739         | 36.78                   | 46.00          | -9.22       | 37.48                | -0.70                 | QP            |

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 2:802.11ac20 (5220MHz)

### Vertical



| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 66.551          | 28.03                   | 40.00          | -11.97      | 41.32                | -13.29                | QP            |
| 2   | 347.71          | 33.45                   | 46.00          | -12.55      | 38.55                | -5.10                 | QP            |
| 3   | 432.058         | 30.56                   | 46.00          | -15.44      | 33.17                | -2.61                 | QP            |
| * 4 | 545.928         | 37.15                   | 46.00          | -8.85       | 40.18                | -3.03                 | QP            |
| 5   | 742.739         | 36.78                   | 46.00          | -9.22       | 37.48                | -0.70                 | QP            |
| 6   | 891.754         | 31.65                   | 46.00          | -14.35      | 32.78                | -1.13                 | QP            |

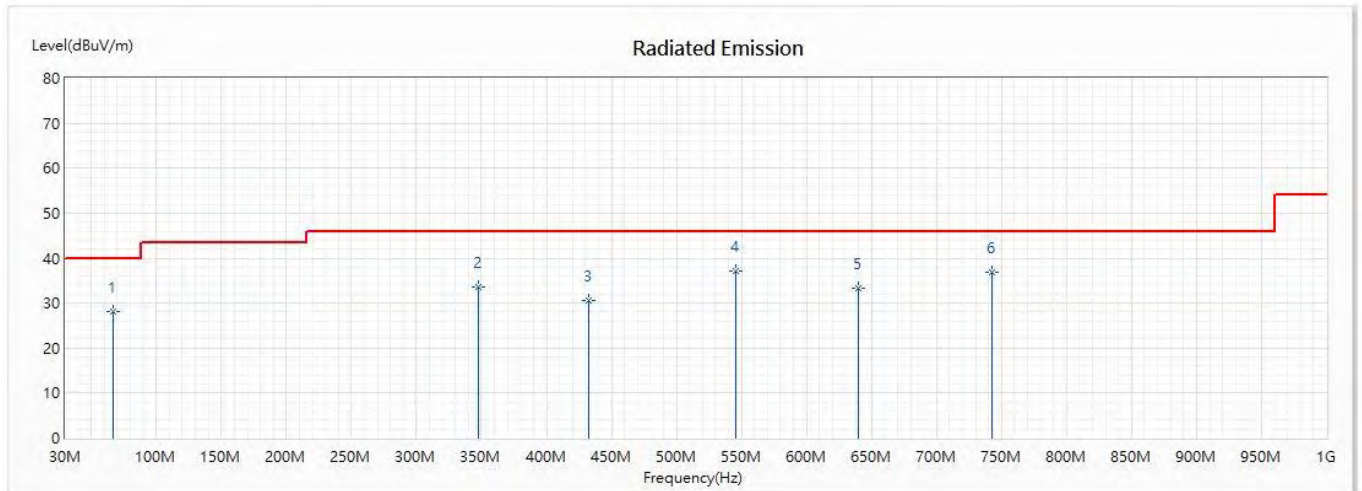
### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.



Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 2:802.11ac20 (5300MHz)

### Horizontal



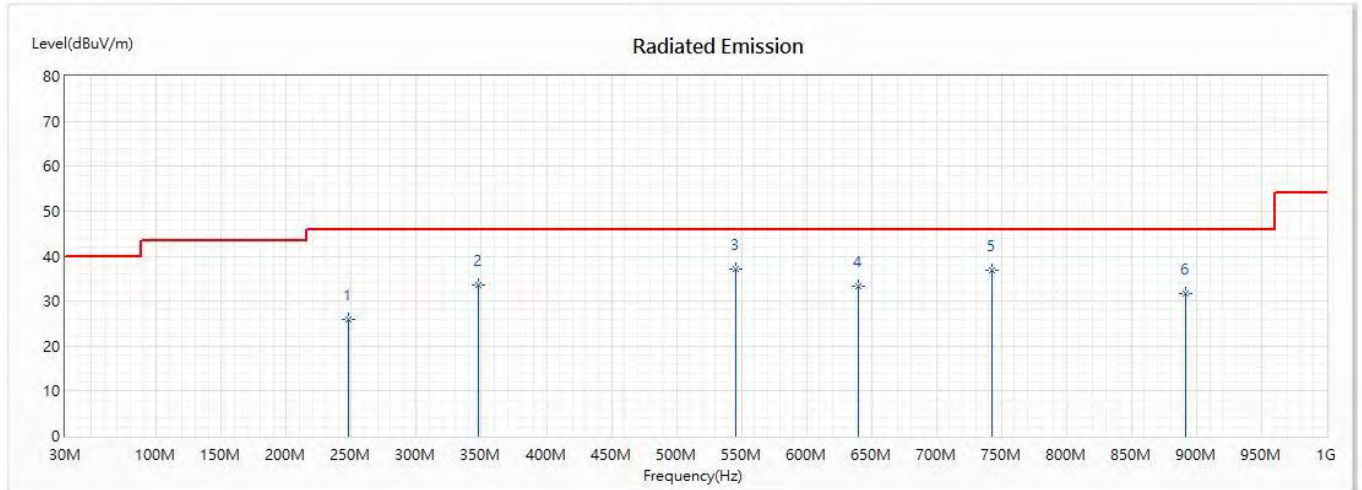
| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 66.551          | 28.03                   | 40.00          | -11.97      | 41.32                | -13.29                | QP            |
| 2   | 347.71          | 33.45                   | 46.00          | -12.55      | 38.55                | -5.10                 | QP            |
| 3   | 432.058         | 30.56                   | 46.00          | -15.44      | 33.17                | -2.61                 | QP            |
| * 4 | 545.928         | 37.15                   | 46.00          | -8.85       | 40.18                | -3.03                 | QP            |
| 5   | 640.116         | 33.24                   | 46.00          | -12.76      | 34.75                | -1.51                 | QP            |
| 6   | 742.739         | 36.78                   | 46.00          | -9.22       | 37.48                | -0.70                 | QP            |

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 2:802.11ac20 (5300MHz)

### Vertical

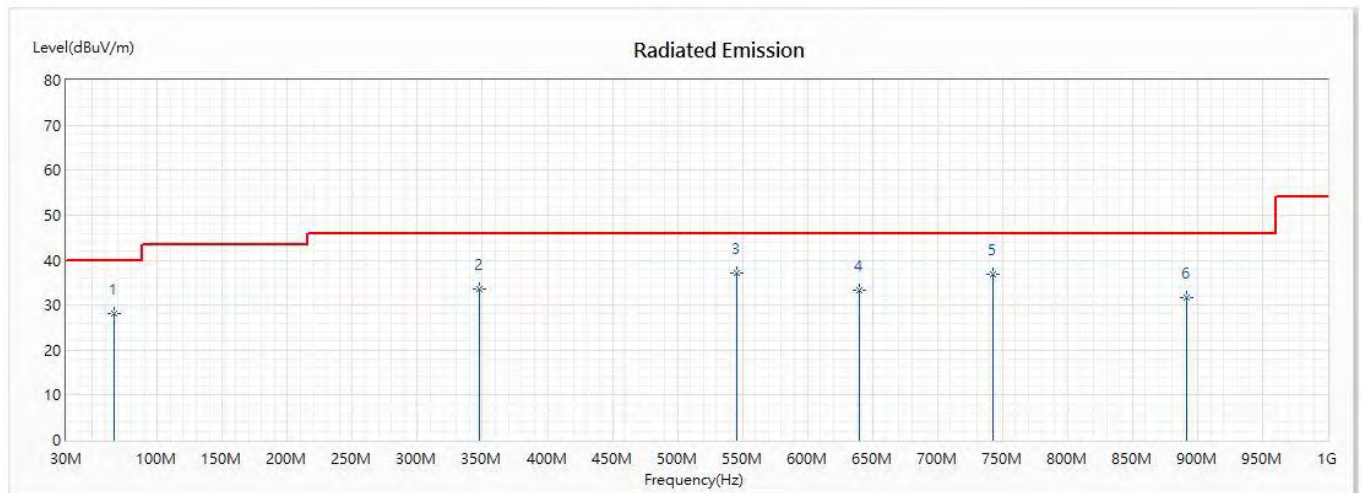


### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 2:802.11ac20 (5580MHz)

### Horizontal



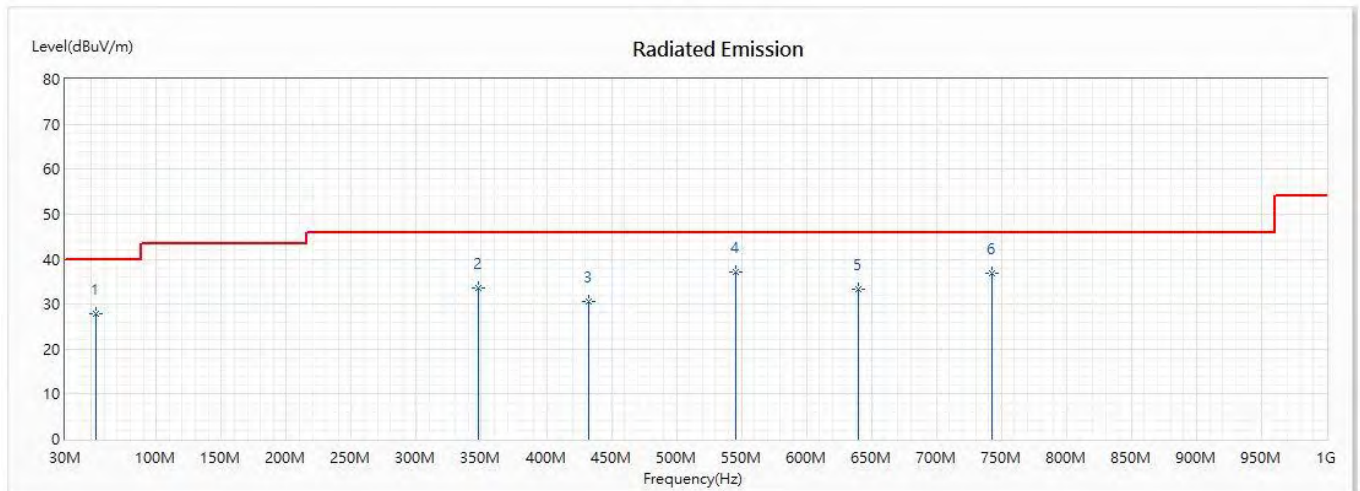
| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 66.551          | 28.03                   | 40.00          | -11.97      | 41.32                | -13.29                | QP            |
| 2   | 347.71          | 33.45                   | 46.00          | -12.55      | 38.55                | -5.10                 | QP            |
| * 3 | 545.928         | 37.15                   | 46.00          | -8.85       | 40.18                | -3.03                 | QP            |
| 4   | 640.116         | 33.24                   | 46.00          | -12.76      | 34.75                | -1.51                 | QP            |
| 5   | 742.739         | 36.78                   | 46.00          | -9.22       | 37.48                | -0.70                 | QP            |
| 6   | 891.754         | 31.65                   | 46.00          | -14.35      | 32.78                | -1.13                 | QP            |

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 2:802.11ac20 (5580MHz)

### Vertical



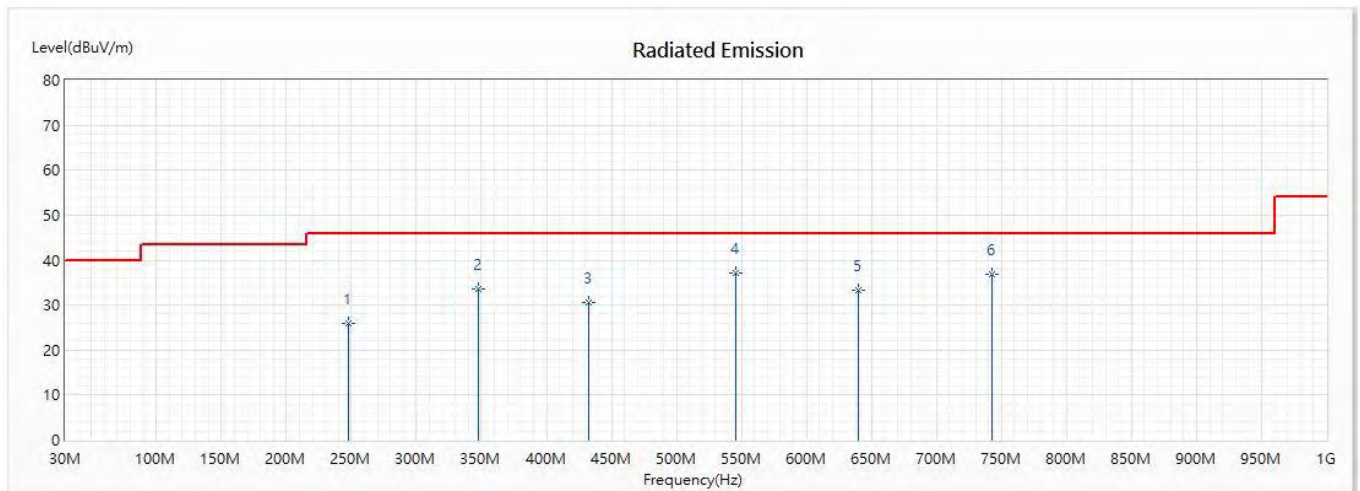
| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 53.899          | 27.88                   | 40.00          | -12.12      | 39.18                | -11.30                | QP            |
| 2   | 347.71          | 33.45                   | 46.00          | -12.55      | 38.55                | -5.10                 | QP            |
| 3   | 432.058         | 30.56                   | 46.00          | -15.44      | 33.17                | -2.61                 | QP            |
| * 4 | 545.928         | 37.15                   | 46.00          | -8.85       | 40.18                | -3.03                 | QP            |
| 5   | 640.116         | 33.24                   | 46.00          | -12.76      | 34.75                | -1.51                 | QP            |
| 6   | 742.739         | 36.78                   | 46.00          | -9.22       | 37.48                | -0.70                 | QP            |

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 2:802.11ac20 (5720MHz)

### Horizontal



| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 247.899         | 25.87                   | 46.00          | -20.13      | 35.40                | -9.53                 | QP            |
| 2   | 347.71          | 33.45                   | 46.00          | -12.55      | 38.55                | -5.10                 | QP            |
| 3   | 432.058         | 30.56                   | 46.00          | -15.44      | 33.17                | -2.61                 | QP            |
| * 4 | 545.928         | 37.15                   | 46.00          | -8.85       | 40.18                | -3.03                 | QP            |
| 5   | 640.116         | 33.24                   | 46.00          | -12.76      | 34.75                | -1.51                 | QP            |
| 6   | 742.739         | 36.78                   | 46.00          | -9.22       | 37.48                | -0.70                 | QP            |

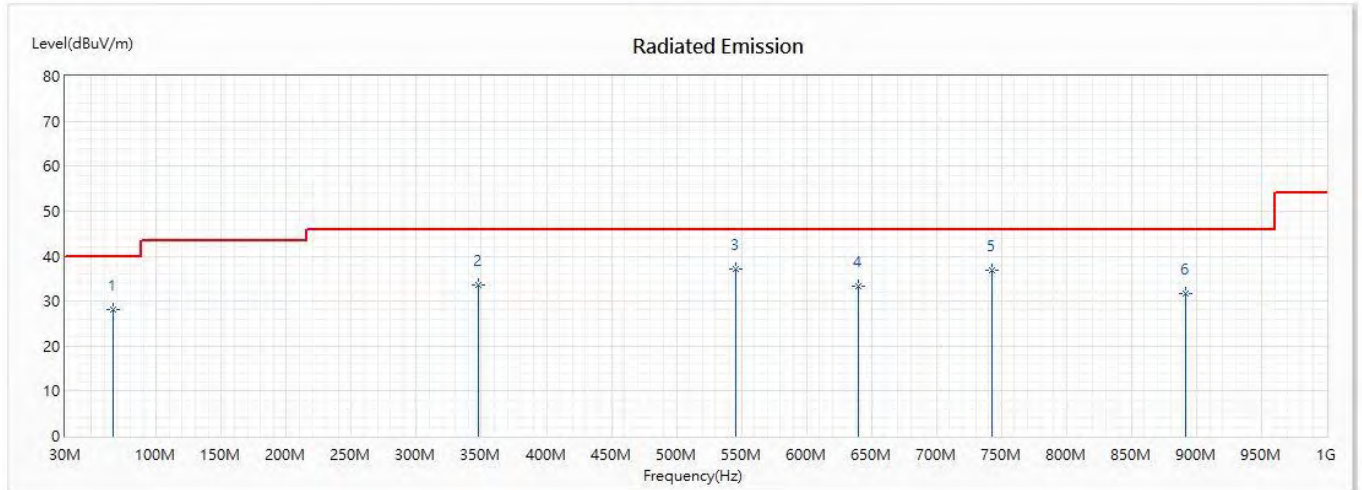
### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.



Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 2:802.11ac20 (5720MHz)

## Vertical



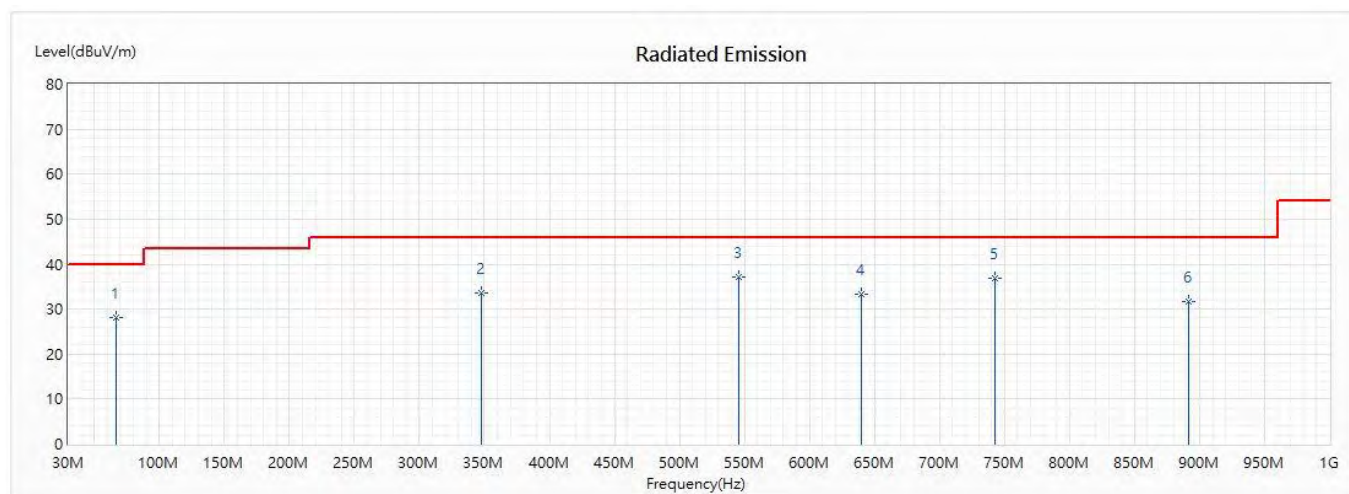
| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 66.551          | 28.03                   | 40.00          | -11.97      | 41.32                | -13.29                | QP            |
| 2   | 347.71          | 33.45                   | 46.00          | -12.55      | 38.55                | -5.10                 | QP            |
| * 3 | 545.928         | 37.15                   | 46.00          | -8.85       | 40.18                | -3.03                 | QP            |
| 4   | 640.116         | 33.24                   | 46.00          | -12.76      | 34.75                | -1.51                 | QP            |
| 5   | 742.739         | 36.78                   | 46.00          | -9.22       | 37.48                | -0.70                 | QP            |
| 6   | 891.754         | 31.65                   | 46.00          | -14.35      | 32.78                | -1.13                 | QP            |

## Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 2:802.11ac20 (5785MHz)

## Horizontal



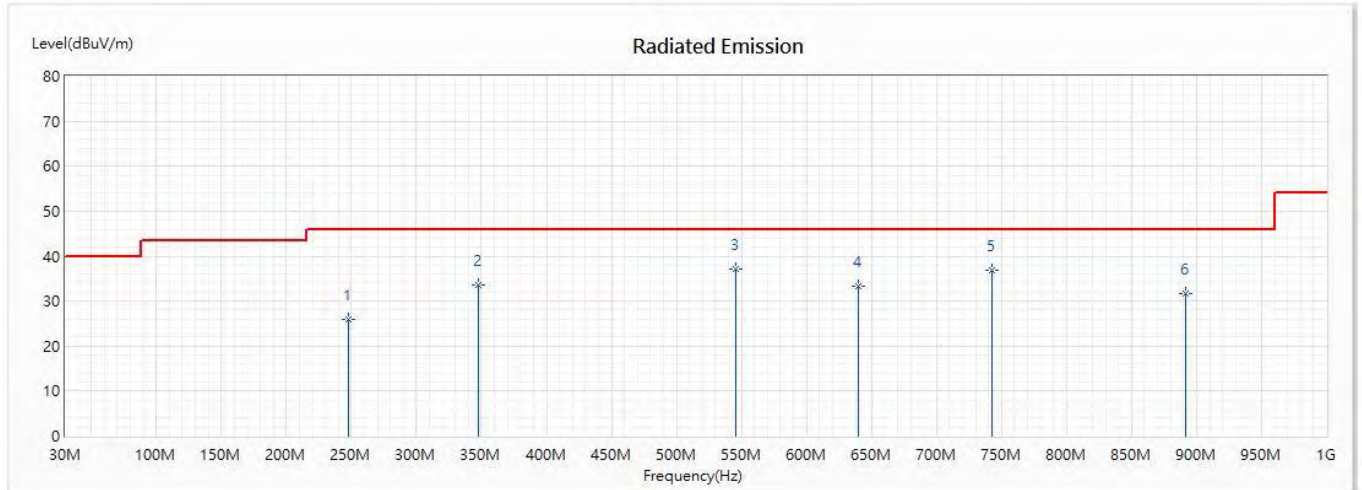
| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 66.551          | 28.03                   | 40.00          | -11.97      | 41.32                | -13.29                | QP            |
| 2   | 347.71          | 33.45                   | 46.00          | -12.55      | 38.55                | -5.10                 | QP            |
| * 3 | 545.928         | 37.15                   | 46.00          | -8.85       | 40.18                | -3.03                 | QP            |
| 4   | 640.116         | 33.24                   | 46.00          | -12.76      | 34.75                | -1.51                 | QP            |
| 5   | 742.739         | 36.78                   | 46.00          | -9.22       | 37.48                | -0.70                 | QP            |
| 6   | 891.754         | 31.65                   | 46.00          | -14.35      | 32.78                | -1.13                 | QP            |

## Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 2:802.11ac20 (5785MHz)

### Vertical



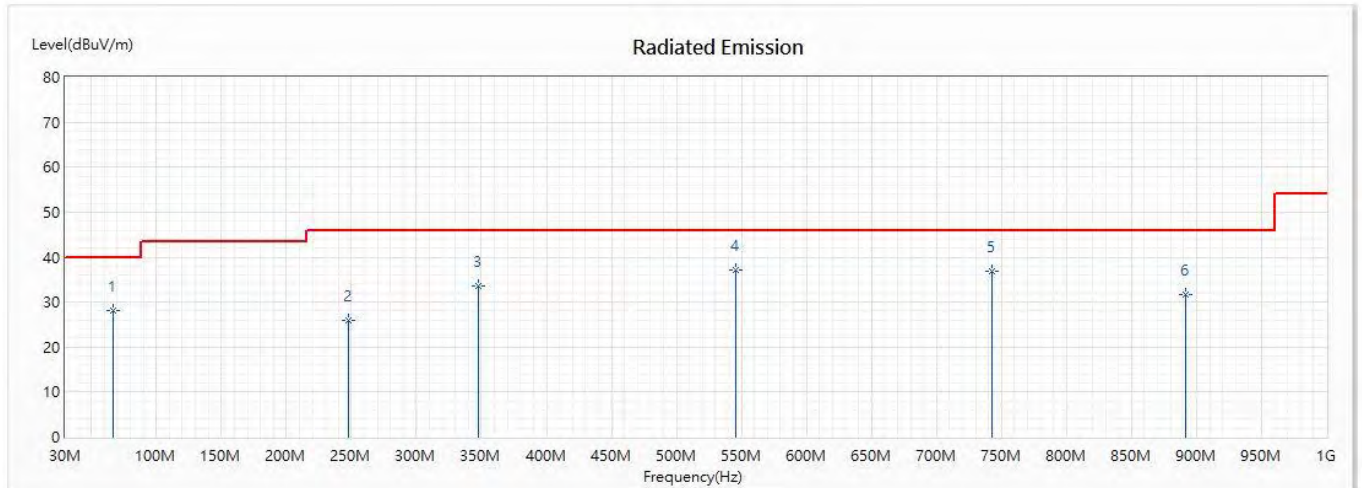
| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 247.899         | 25.87                   | 46.00          | -20.13      | 35.40                | -9.53                 | QP            |
| 2   | 347.71          | 33.45                   | 46.00          | -12.55      | 38.55                | -5.10                 | QP            |
| * 3 | 545.928         | 37.15                   | 46.00          | -8.85       | 40.18                | -3.03                 | QP            |
| 4   | 640.116         | 33.24                   | 46.00          | -12.76      | 34.75                | -1.51                 | QP            |
| 5   | 742.739         | 36.78                   | 46.00          | -9.22       | 37.48                | -0.70                 | QP            |
| 6   | 891.754         | 31.65                   | 46.00          | -14.35      | 32.78                | -1.13                 | QP            |

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 3:802.11ac40 (5230MHz)

### Horizontal



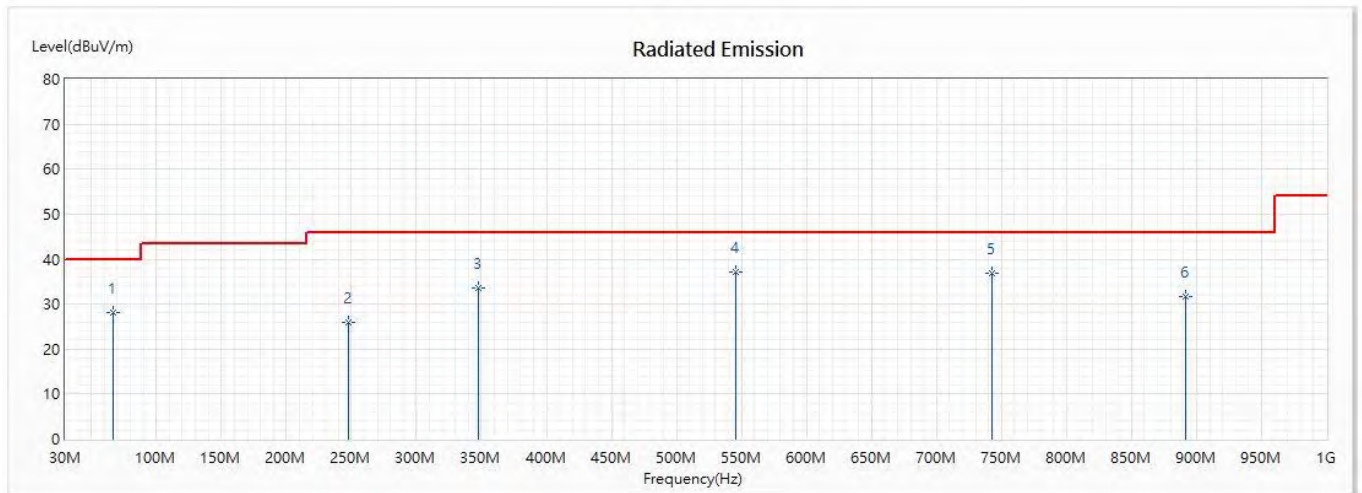
| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 66.551          | 28.03                   | 40.00          | -11.97      | 41.32                | -13.29                | QP            |
| 2   | 247.899         | 25.87                   | 46.00          | -20.13      | 35.40                | -9.53                 | QP            |
| 3   | 347.71          | 33.45                   | 46.00          | -12.55      | 38.55                | -5.10                 | QP            |
| * 4 | 545.928         | 37.15                   | 46.00          | -8.85       | 40.18                | -3.03                 | QP            |
| 5   | 742.739         | 36.78                   | 46.00          | -9.22       | 37.48                | -0.70                 | QP            |
| 6   | 891.754         | 31.65                   | 46.00          | -14.35      | 32.78                | -1.13                 | QP            |

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 3:802.11ac40 (5230MHz)

### Vertical



| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 66.551          | 28.03                   | 40.00          | -11.97      | 41.32                | -13.29                | QP            |
| 2   | 247.899         | 25.87                   | 46.00          | -20.13      | 35.40                | -9.53                 | QP            |
| 3   | 347.71          | 33.45                   | 46.00          | -12.55      | 38.55                | -5.10                 | QP            |
| * 4 | 545.928         | 37.15                   | 46.00          | -8.85       | 40.18                | -3.03                 | QP            |
| 5   | 742.739         | 36.78                   | 46.00          | -9.22       | 37.48                | -0.70                 | QP            |
| 6   | 891.754         | 31.65                   | 46.00          | -14.35      | 32.78                | -1.13                 | QP            |

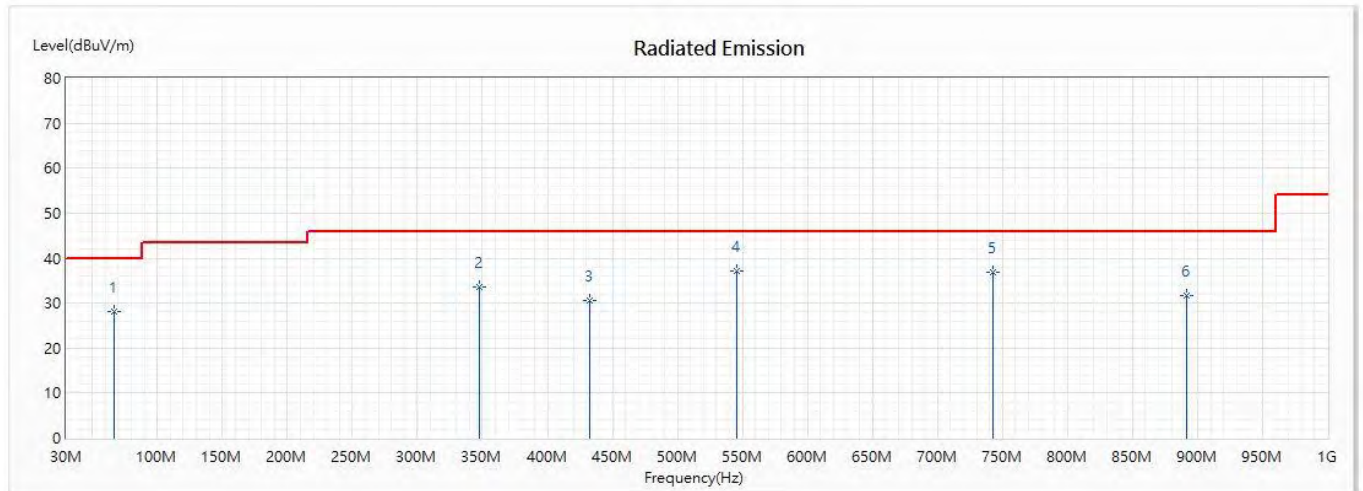
### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.



Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 3:802.11ac40 (5310MHz)

### Horizontal



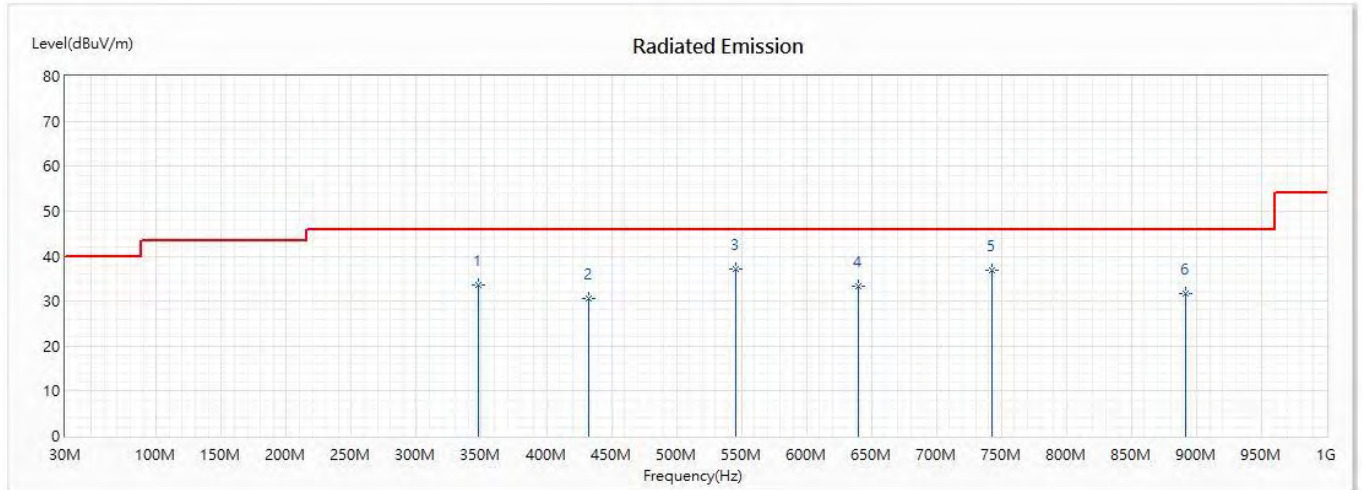
| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 66.551          | 28.03                   | 40.00          | -11.97      | 41.32                | -13.29                | QP            |
| 2   | 347.71          | 33.45                   | 46.00          | -12.55      | 38.55                | -5.10                 | QP            |
| 3   | 432.058         | 30.56                   | 46.00          | -15.44      | 33.17                | -2.61                 | QP            |
| * 4 | 545.928         | 37.15                   | 46.00          | -8.85       | 40.18                | -3.03                 | QP            |
| 5   | 742.739         | 36.78                   | 46.00          | -9.22       | 37.48                | -0.70                 | QP            |
| 6   | 891.754         | 31.65                   | 46.00          | -14.35      | 32.78                | -1.13                 | QP            |

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 3:802.11ac40 (5310MHz)

### Vertical



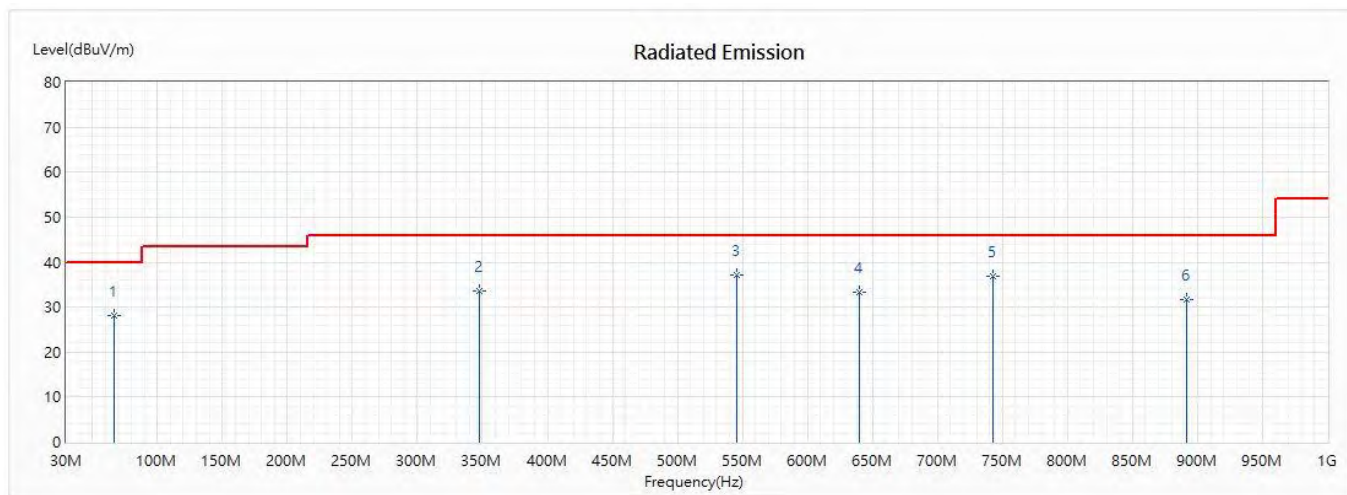
| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 347.71          | 33.45                   | 46.00          | -12.55      | 38.55                | -5.10                 | QP            |
| 2   | 432.058         | 30.56                   | 46.00          | -15.44      | 33.17                | -2.61                 | QP            |
| * 3 | 545.928         | 37.15                   | 46.00          | -8.85       | 40.18                | -3.03                 | QP            |
| 4   | 640.116         | 33.24                   | 46.00          | -12.76      | 34.75                | -1.51                 | QP            |
| 5   | 742.739         | 36.78                   | 46.00          | -9.22       | 37.48                | -0.70                 | QP            |
| 6   | 891.754         | 31.65                   | 46.00          | -14.35      | 32.78                | -1.13                 | QP            |

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 3:802.11ac40 (5550MHz)

## Horizontal



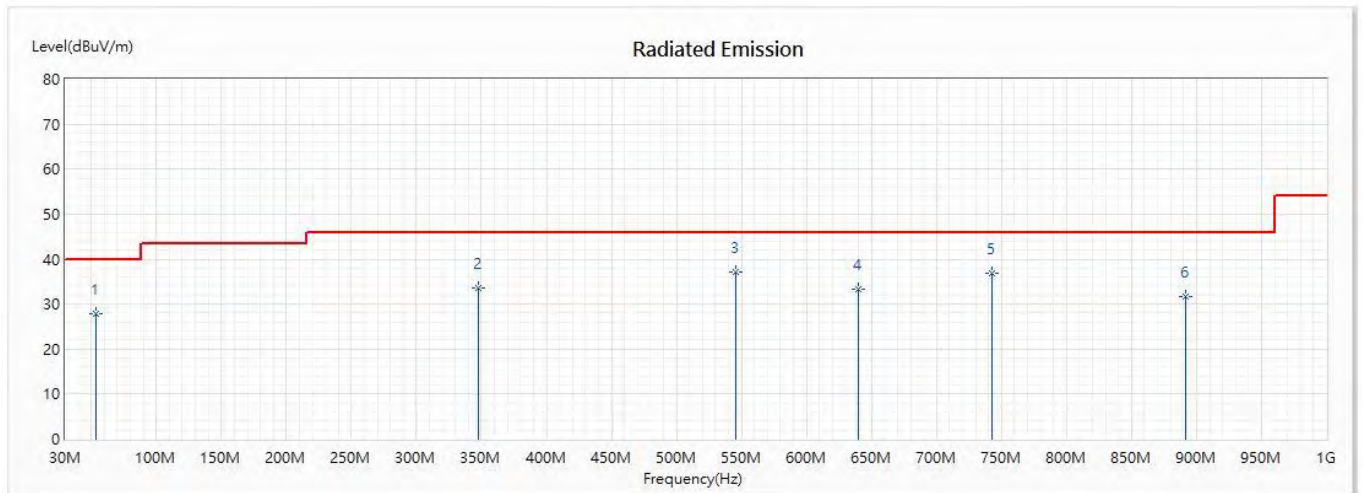
| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 66.551          | 28.03                   | 40.00          | -11.97      | 41.32                | -13.29                | QP            |
| 2   | 347.71          | 33.45                   | 46.00          | -12.55      | 38.55                | -5.10                 | QP            |
| * 3 | 545.928         | 37.15                   | 46.00          | -8.85       | 40.18                | -3.03                 | QP            |
| 4   | 640.116         | 33.24                   | 46.00          | -12.76      | 34.75                | -1.51                 | QP            |
| 5   | 742.739         | 36.78                   | 46.00          | -9.22       | 37.48                | -0.70                 | QP            |
| 6   | 891.754         | 31.65                   | 46.00          | -14.35      | 32.78                | -1.13                 | QP            |

## Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 3:802.11ac40 (5550MHz)

### Vertical



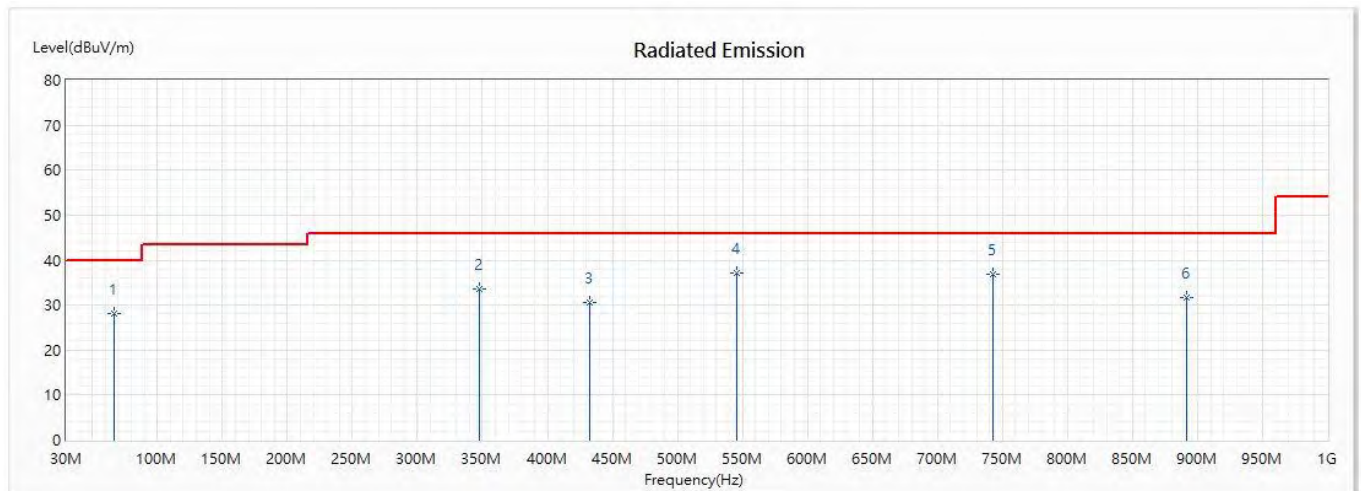
| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 53.899          | 27.88                   | 40.00          | -12.12      | 39.18                | -11.30                | QP            |
| 2   | 347.71          | 33.45                   | 46.00          | -12.55      | 38.55                | -5.10                 | QP            |
| * 3 | 545.928         | 37.15                   | 46.00          | -8.85       | 40.18                | -3.03                 | QP            |
| 4   | 640.116         | 33.24                   | 46.00          | -12.76      | 34.75                | -1.51                 | QP            |
| 5   | 742.739         | 36.78                   | 46.00          | -9.22       | 37.48                | -0.70                 | QP            |
| 6   | 891.754         | 31.65                   | 46.00          | -14.35      | 32.78                | -1.13                 | QP            |

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 3:802.11ac40 (5710MHz)

### Horizontal



| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 66.551          | 28.03                   | 40.00          | -11.97      | 41.32                | -13.29                | QP            |
| 2   | 347.71          | 33.45                   | 46.00          | -12.55      | 38.55                | -5.10                 | QP            |
| 3   | 432.058         | 30.56                   | 46.00          | -15.44      | 33.17                | -2.61                 | QP            |
| * 4 | 545.928         | 37.15                   | 46.00          | -8.85       | 40.18                | -3.03                 | QP            |
| 5   | 742.739         | 36.78                   | 46.00          | -9.22       | 37.48                | -0.70                 | QP            |
| 6   | 891.754         | 31.65                   | 46.00          | -14.35      | 32.78                | -1.13                 | QP            |

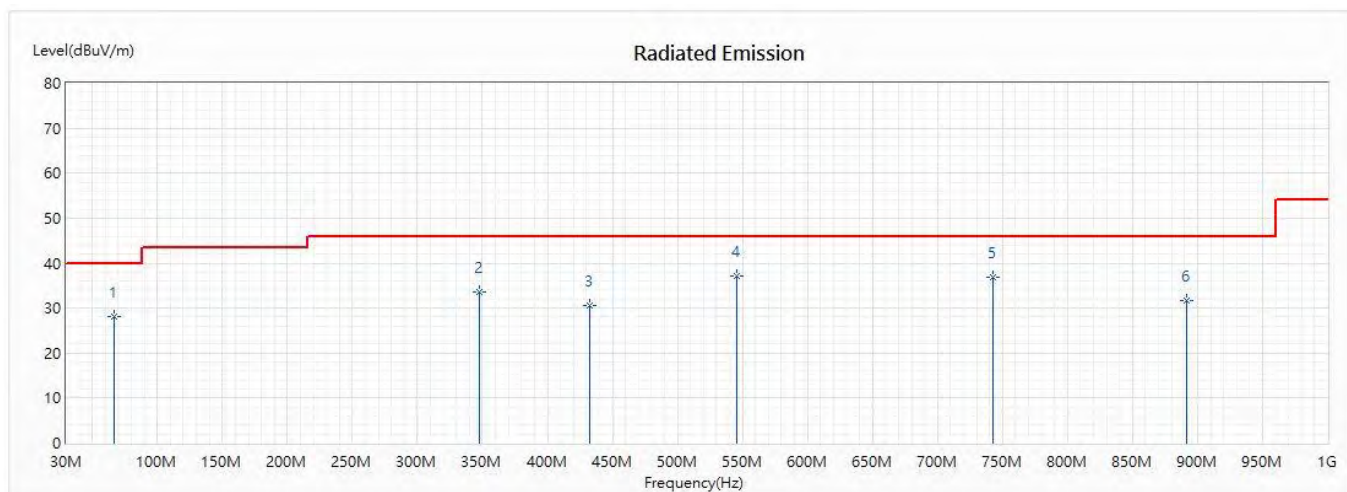
### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.



Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 3:802.11ac40 (5710MHz)

## Vertical

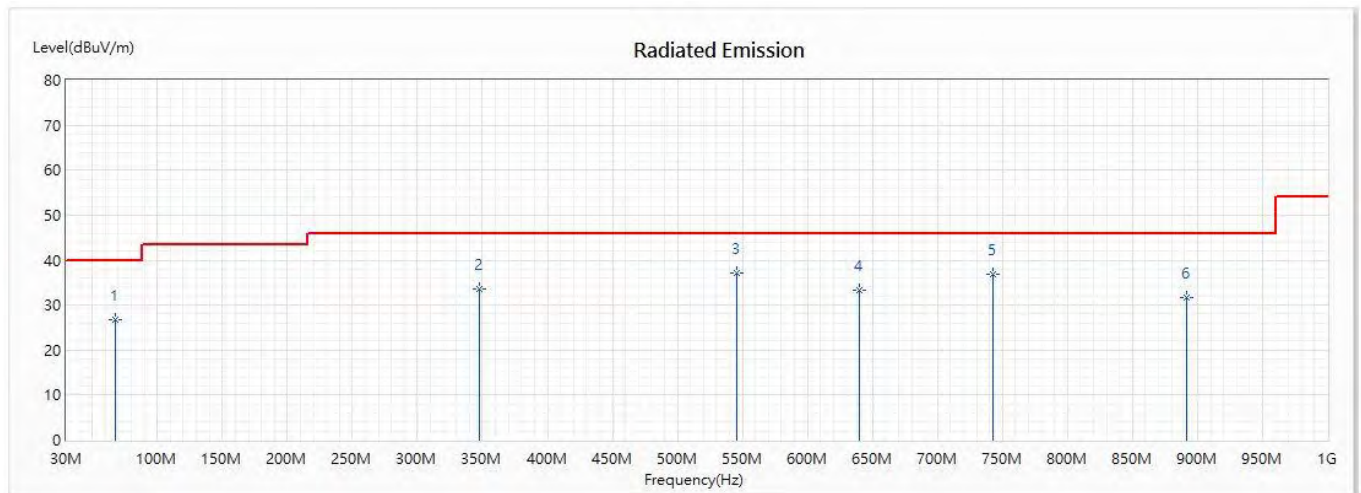


## Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 3:802.11ac40 (5795MHz)

### Horizontal



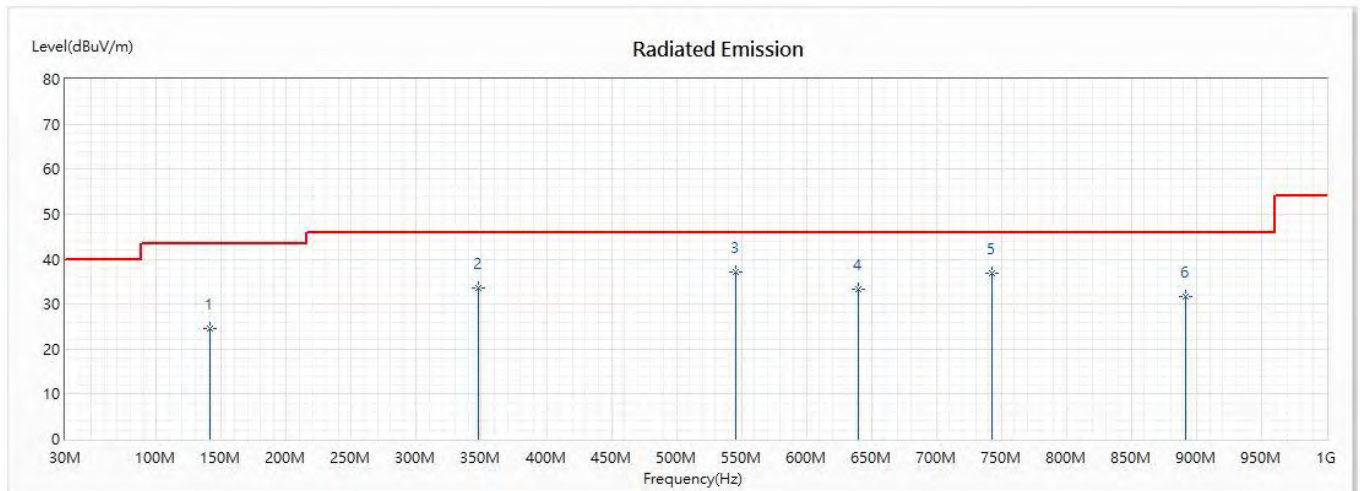
| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 67.957          | 26.71                   | 40.00          | -13.29      | 40.00                | -13.29                | QP            |
| 2   | 347.71          | 33.45                   | 46.00          | -12.55      | 38.55                | -5.10                 | QP            |
| * 3 | 545.928         | 37.15                   | 46.00          | -8.85       | 40.18                | -3.03                 | QP            |
| 4   | 640.116         | 33.24                   | 46.00          | -12.76      | 34.75                | -1.51                 | QP            |
| 5   | 742.739         | 36.78                   | 46.00          | -9.22       | 37.48                | -0.70                 | QP            |
| 6   | 891.754         | 31.65                   | 46.00          | -14.35      | 32.78                | -1.13                 | QP            |

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 3:802.11ac40 (5795MHz)

### Vertical



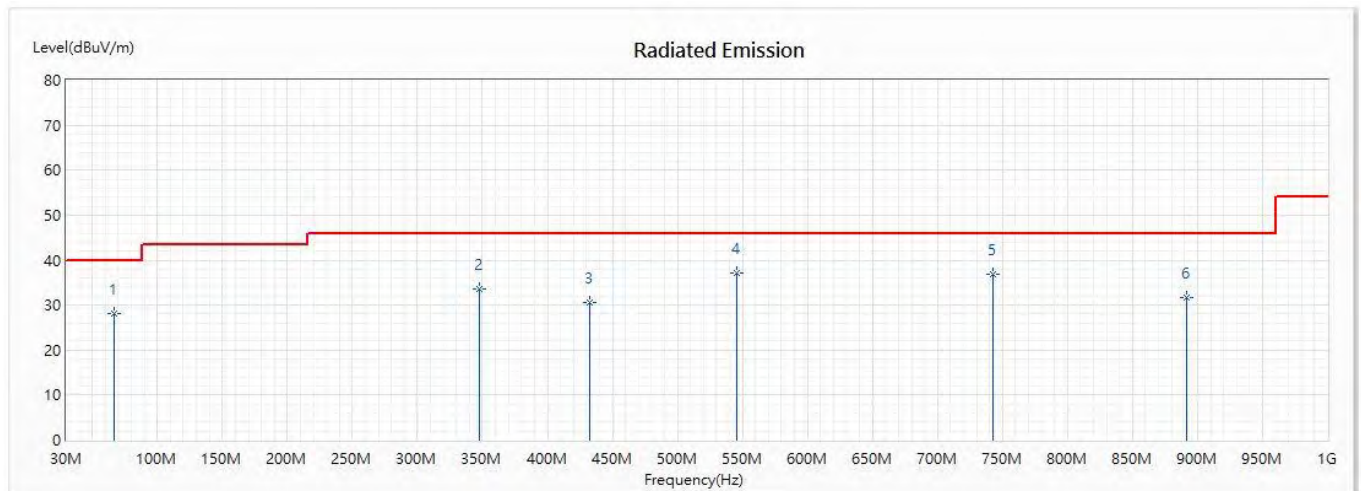
| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 141.058         | 24.69                   | 43.50          | -18.81      | 34.04                | -9.35                 | QP            |
| 2   | 347.71          | 33.45                   | 46.00          | -12.55      | 38.55                | -5.10                 | QP            |
| * 3 | 545.928         | 37.15                   | 46.00          | -8.85       | 40.18                | -3.03                 | QP            |
| 4   | 640.116         | 33.24                   | 46.00          | -12.76      | 34.75                | -1.51                 | QP            |
| 5   | 742.739         | 36.78                   | 46.00          | -9.22       | 37.48                | -0.70                 | QP            |
| 6   | 891.754         | 31.65                   | 46.00          | -14.35      | 32.78                | -1.13                 | QP            |

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 4:802.11ac-80(5210MHz)

### Horizontal



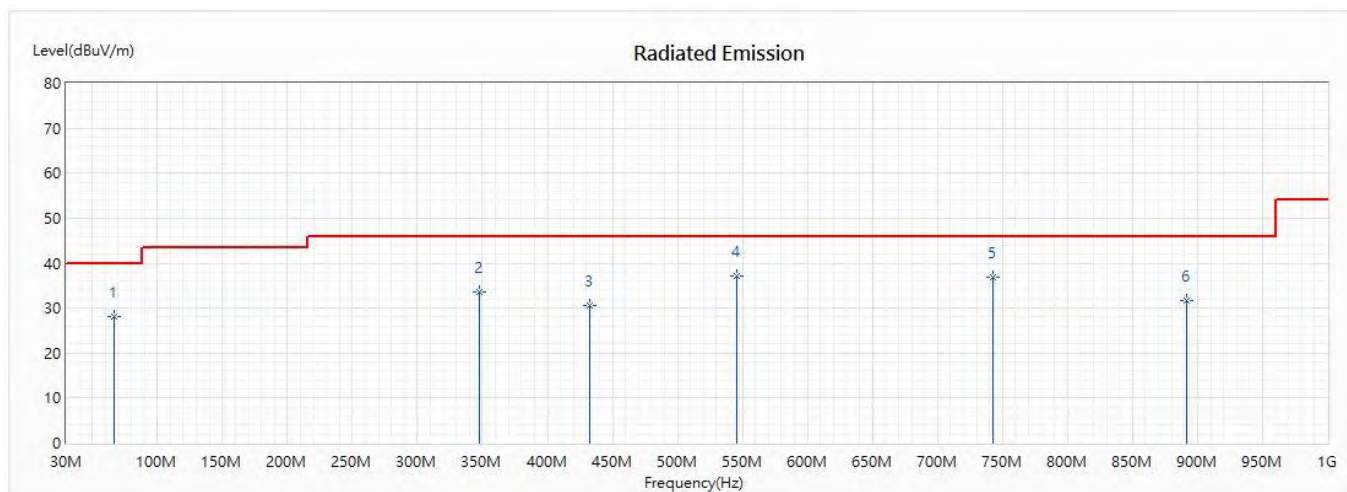
| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 66.551          | 28.03                   | 40.00          | -11.97      | 41.32                | -13.29                | QP            |
| 2   | 347.71          | 33.45                   | 46.00          | -12.55      | 38.55                | -5.10                 | QP            |
| 3   | 432.058         | 30.56                   | 46.00          | -15.44      | 33.17                | -2.61                 | QP            |
| * 4 | 545.928         | 37.15                   | 46.00          | -8.85       | 40.18                | -3.03                 | QP            |
| 5   | 742.739         | 36.78                   | 46.00          | -9.22       | 37.48                | -0.70                 | QP            |
| 6   | 891.754         | 31.65                   | 46.00          | -14.35      | 32.78                | -1.13                 | QP            |

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 4:802.11ac-80(5210MHz)

## Vertical



| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 66.551          | 28.03                   | 40.00          | -11.97      | 41.32                | -13.29                | QP            |
| 2   | 347.71          | 33.45                   | 46.00          | -12.55      | 38.55                | -5.10                 | QP            |
| 3   | 432.058         | 30.56                   | 46.00          | -15.44      | 33.17                | -2.61                 | QP            |
| * 4 | 545.928         | 37.15                   | 46.00          | -8.85       | 40.18                | -3.03                 | QP            |
| 5   | 742.739         | 36.78                   | 46.00          | -9.22       | 37.48                | -0.70                 | QP            |
| 6   | 891.754         | 31.65                   | 46.00          | -14.35      | 32.78                | -1.13                 | QP            |

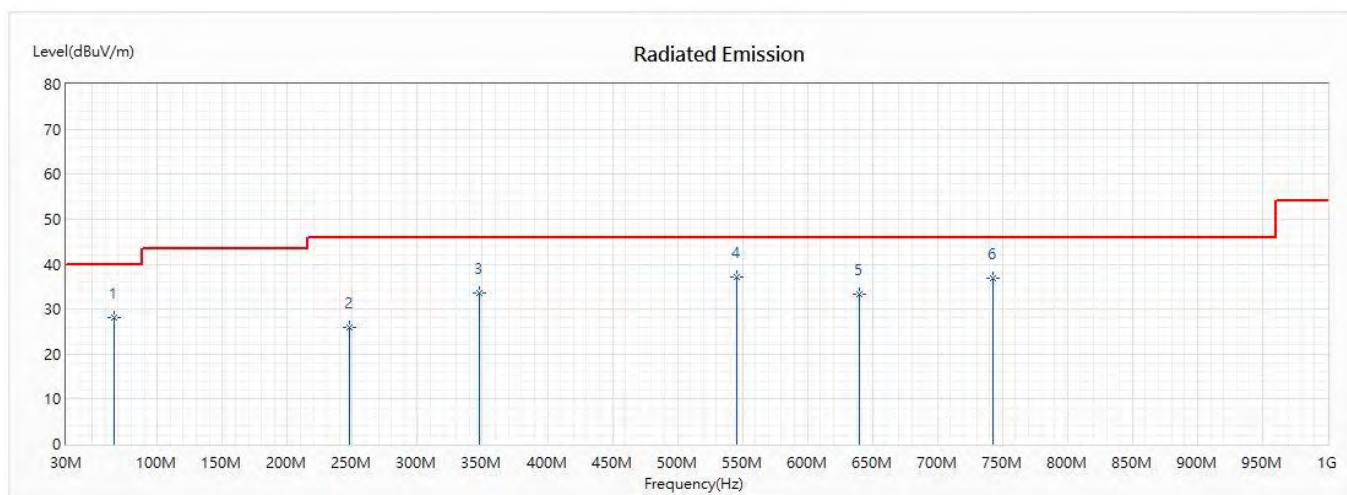
## Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.



Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 4:802.11ac-80(5290MHz)

## Horizontal

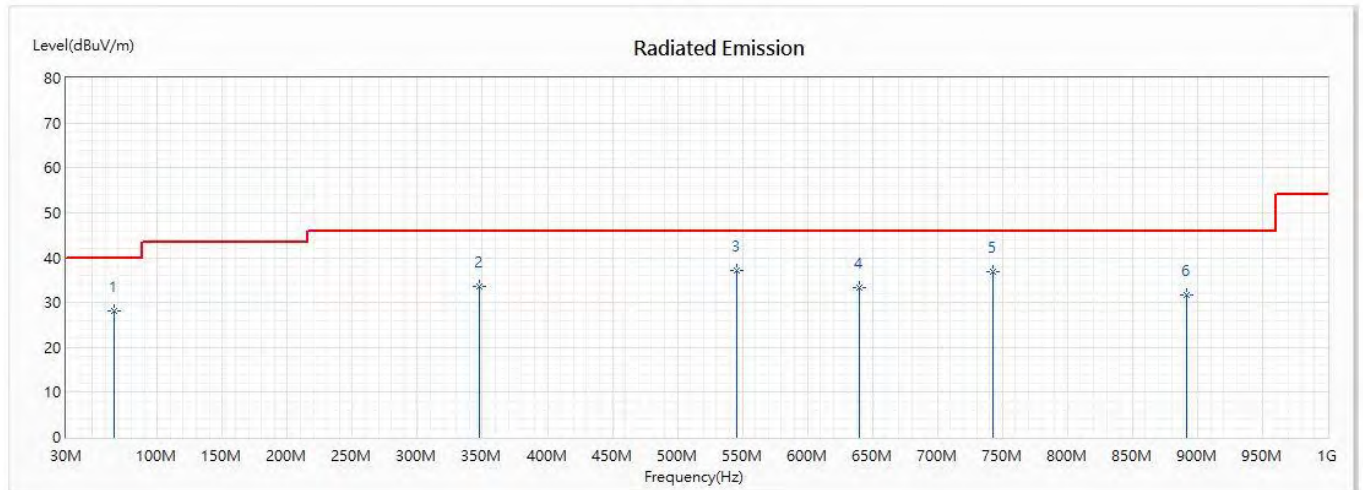


## Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 4:802.11ac-80 (5290MHz)

### Vertical



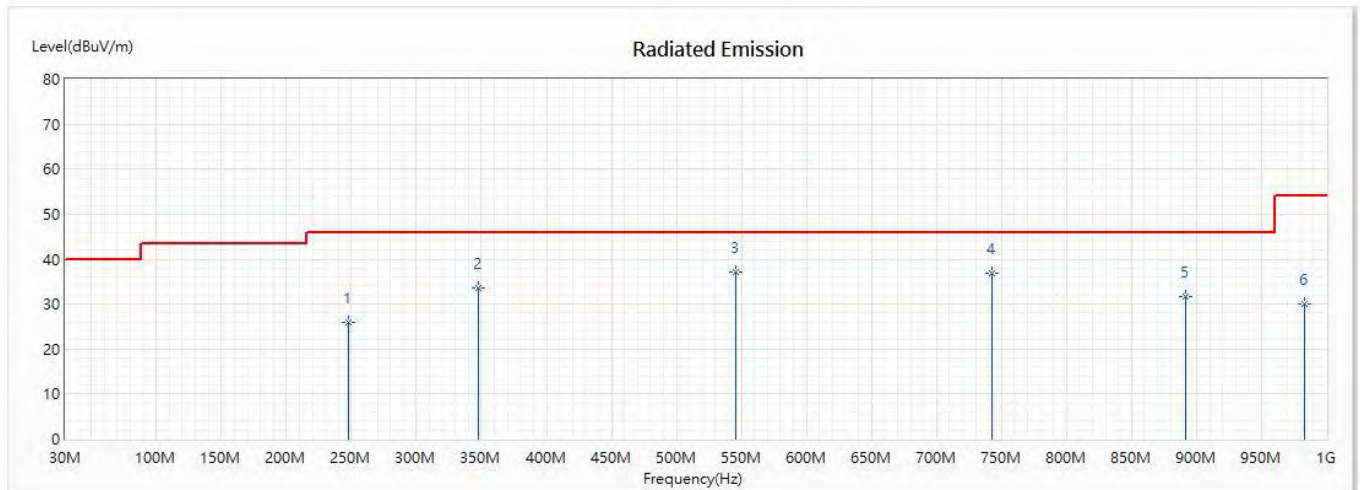
| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 66.551          | 28.03                   | 40.00          | -11.97      | 41.32                | -13.29                | QP            |
| 2   | 347.71          | 33.45                   | 46.00          | -12.55      | 38.55                | -5.10                 | QP            |
| * 3 | 545.928         | 37.15                   | 46.00          | -8.85       | 40.18                | -3.03                 | QP            |
| 4   | 640.116         | 33.24                   | 46.00          | -12.76      | 34.75                | -1.51                 | QP            |
| 5   | 742.739         | 36.78                   | 46.00          | -9.22       | 37.48                | -0.70                 | QP            |
| 6   | 891.754         | 31.65                   | 46.00          | -14.35      | 32.78                | -1.13                 | QP            |

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 4:802.11ac-80 (5690MHz)

### Horizontal



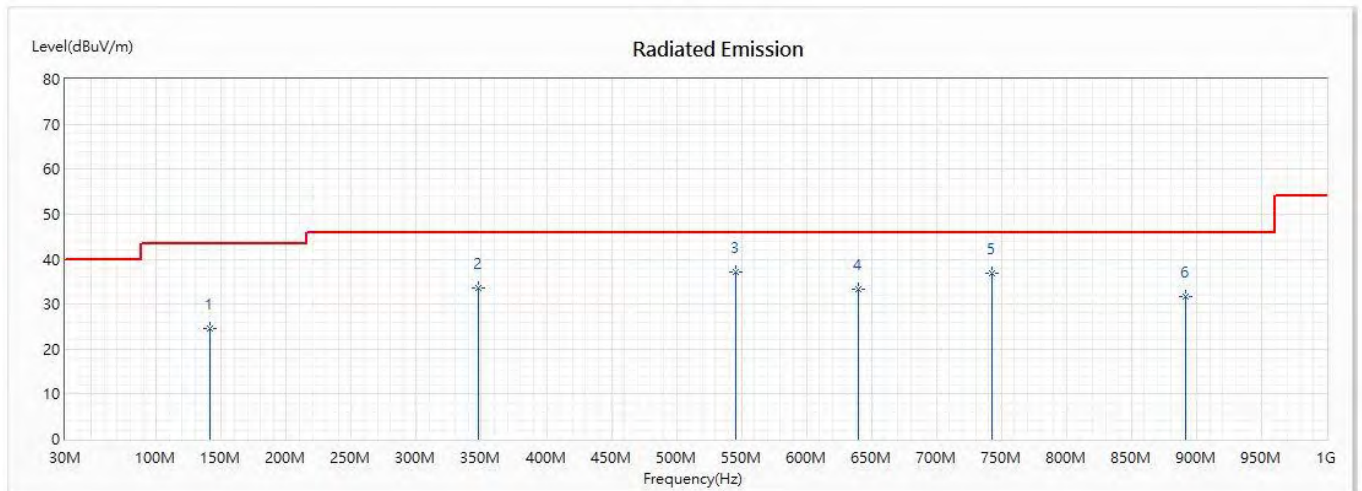
| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 247.899         | 25.87                   | 46.00          | -20.13      | 35.40                | -9.53                 | QP            |
| 2   | 347.71          | 33.45                   | 46.00          | -12.55      | 38.55                | -5.10                 | QP            |
| * 3 | 545.928         | 37.15                   | 46.00          | -8.85       | 40.18                | -3.03                 | QP            |
| 4   | 742.739         | 36.78                   | 46.00          | -9.22       | 37.48                | -0.70                 | QP            |
| 5   | 891.754         | 31.65                   | 46.00          | -14.35      | 32.78                | -1.13                 | QP            |
| 6   | 983.13          | 29.95                   | 54.00          | -24.05      | 30.19                | -0.24                 | QP            |

### Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 4:802.11ac-80 (5690MHz)

## Vertical



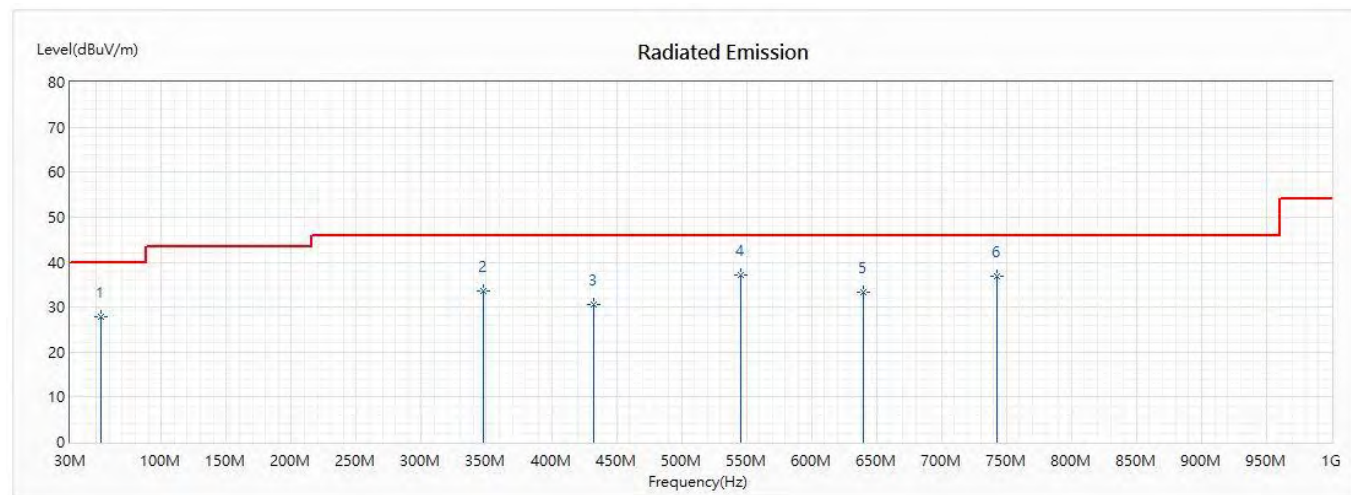
| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 141.058         | 24.69                   | 43.50          | -18.81      | 34.04                | -9.35                 | QP            |
| 2   | 347.71          | 33.45                   | 46.00          | -12.55      | 38.55                | -5.10                 | QP            |
| * 3 | 545.928         | 37.15                   | 46.00          | -8.85       | 40.18                | -3.03                 | QP            |
| 4   | 640.116         | 33.24                   | 46.00          | -12.76      | 34.75                | -1.51                 | QP            |
| 5   | 742.739         | 36.78                   | 46.00          | -9.22       | 37.48                | -0.70                 | QP            |
| 6   | 891.754         | 31.65                   | 46.00          | -14.35      | 32.78                | -1.13                 | QP            |

## Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 4:802.11ac-80 (5775MHz)

## Horizontal



| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 53.899          | 27.88                   | 40.00          | -12.12      | 39.18                | -11.30                | QP            |
| 2   | 347.71          | 33.45                   | 46.00          | -12.55      | 38.55                | -5.10                 | QP            |
| 3   | 432.058         | 30.56                   | 46.00          | -15.44      | 33.17                | -2.61                 | QP            |
| * 4 | 545.928         | 37.15                   | 46.00          | -8.85       | 40.18                | -3.03                 | QP            |
| 5   | 640.116         | 33.24                   | 46.00          | -12.76      | 34.75                | -1.51                 | QP            |
| 6   | 742.739         | 36.78                   | 46.00          | -9.22       | 37.48                | -0.70                 | QP            |

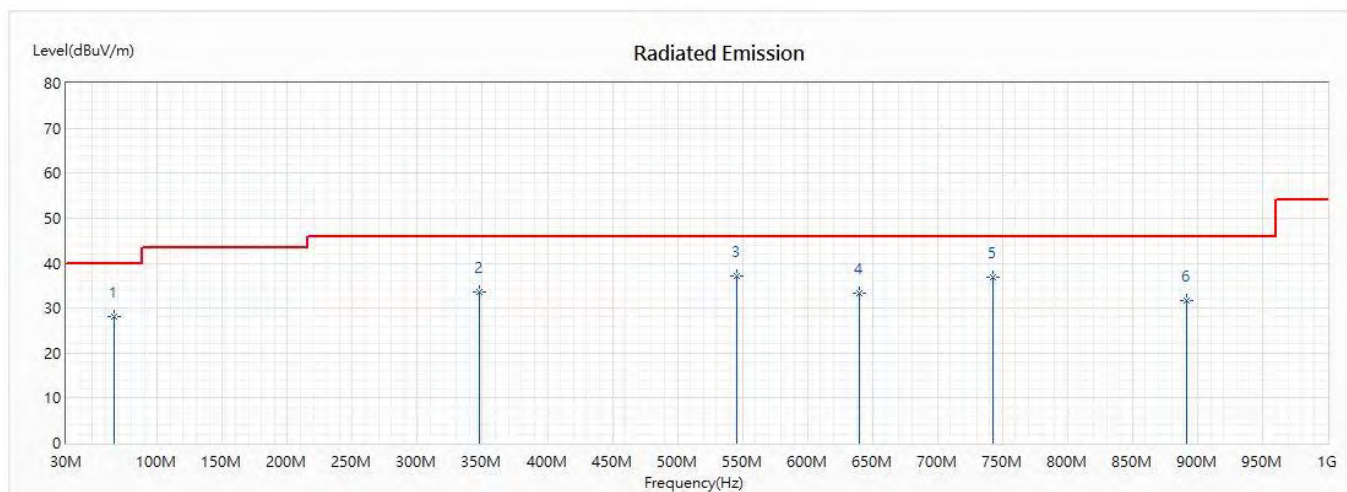
## Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.



Product : LTE SOM Module  
 Test Item : General Radiated Emission  
 Test Date : 2020/04/21  
 Test Mode : Mode 4:802.11ac-80 (5775MHz)

## Vertical



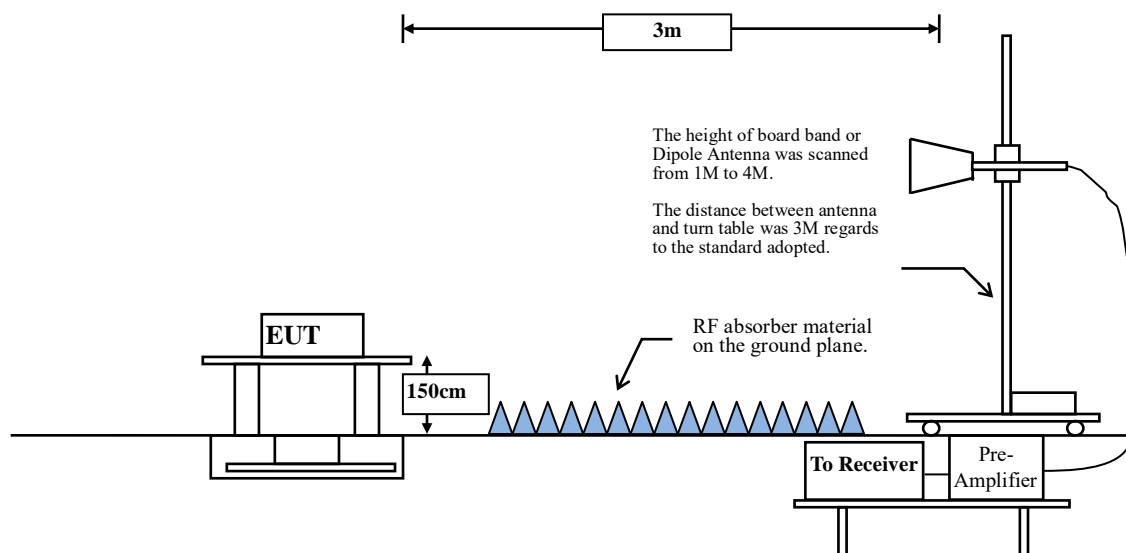
| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 66.551          | 28.03                   | 40.00          | -11.97      | 41.32                | -13.29                | QP            |
| 2   | 347.71          | 33.45                   | 46.00          | -12.55      | 38.55                | -5.10                 | QP            |
| * 3 | 545.928         | 37.15                   | 46.00          | -8.85       | 40.18                | -3.03                 | QP            |
| 4   | 640.116         | 33.24                   | 46.00          | -12.76      | 34.75                | -1.51                 | QP            |
| 5   | 742.739         | 36.78                   | 46.00          | -9.22       | 37.48                | -0.70                 | QP            |
| 6   | 891.754         | 31.65                   | 46.00          | -14.35      | 32.78                | -1.13                 | QP            |

## Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

## 4. Band Edge

### 4.1. Test Setup



### 4.2. Limits

The provisions of Section 15.205 of this part apply to intentional radiators operating under this section.

Radiated emissions which fall in the restricted bands, as defined in Section 15.205, must also comply with the radiated emission limits specified in Section 15.209:

| FCC Part 15 Subpart C Paragraph 15.209 Limits |          |           |
|---|----------|-----------|
| Frequency MHz                                 | uV/m @3m | dBμV/m@3m |
| 30-88   | 100      | 40        |
| 88-216  | 150      | 43.5      |
| 216-960                                       | 200      | 46        |
| Above 960                                     | 500      | 54        |

- Remarks :
1. RF Voltage (dBμV) = 20 log RF Voltage (uV)
  2. In the Above Table, the tighter limit applies at the band edges.
  3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

### 4.3. Test Procedure

The EUT is placed on a turn table which is 1.5 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10:2013 on radiated measurement.

The bandwidth below 1GHz setting on the field strength meter is 120 kHz, above 1GHz are 1 MHz. The EUT was setup to ANSI C63.10, 2013; tested to UNII test procedure of FCC KDB-789033 for compliance to FCC 47CFR Subpart E requirements.

**RBW and VBW Parameter setting:**

According to KDB 789033 section II.G.5 Procedure for Unwanted Maximum Emissions  
Measurements above 1000 MHz.

RBW = 1MHz.

VBW  $\geq$  3MHz.

According to KDB 789033 section II.G.6 Procedures for Average Unwanted Emissions  
Measurements above 1000 MHz.

RBW = 1MHz.

VBW = 10Hz, when duty cycle  $\geq$  98 %

VBW  $\geq$  1/T, when duty cycle < 98 %

( T refers to the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.)

| 5GHz band  | Duty Cycle (%) | T (ms) | 1/T (Hz) | VBW (Hz) |
|------------|----------------|--------|----------|----------|
| 802.11a    | 94.61          | 2.0362 | 491      | 500      |
| 802.11ac20 | 94.27          | 1.9058 | 525      | 1000     |
| 802.11ac40 | 86.81          | 0.9058 | 1104     | 2000     |
| 802.11ac80 | 78.38          | 0.4203 | 2379     | 3000     |

Note: Duty Cycle Refer to Section 5

**4.4. Uncertainty**

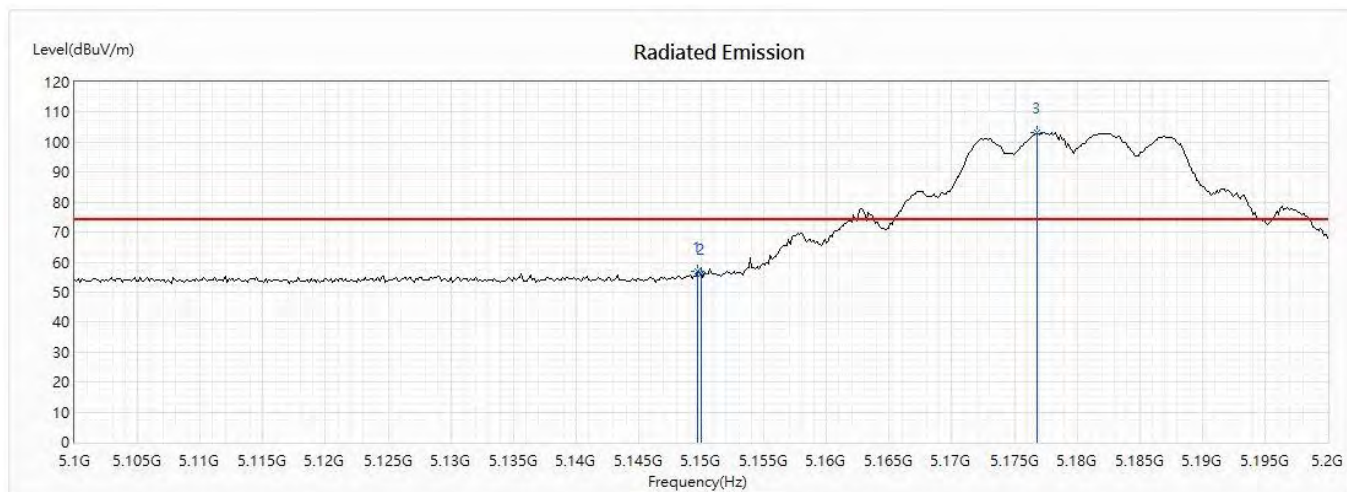
$\pm 4.08$  dB below 1GHz

$\pm 4.22$  dB above 1GHz

#### 4.5. Test Result of Band Edge

Product : LTE SOM Module  
 Test Item : Band Edge Data  
 Test Date : 2020/04/17  
 Test Mode : Mode 1:802.11a-Channel 36 (5180MHz)

##### Horizontal



| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 5149.71         | 56.82                   | 74.00          | -17.18      | 50.22                | 6.60                  | PK            |
| 2   | 5150            | 56.11                   | 74.00          | -17.89      | 49.51                | 6.60                  | PK            |
| ! 3 | 5176.812        | 103.23                  | 74.00          | 29.23       | 96.57                | 6.66                  | PK            |

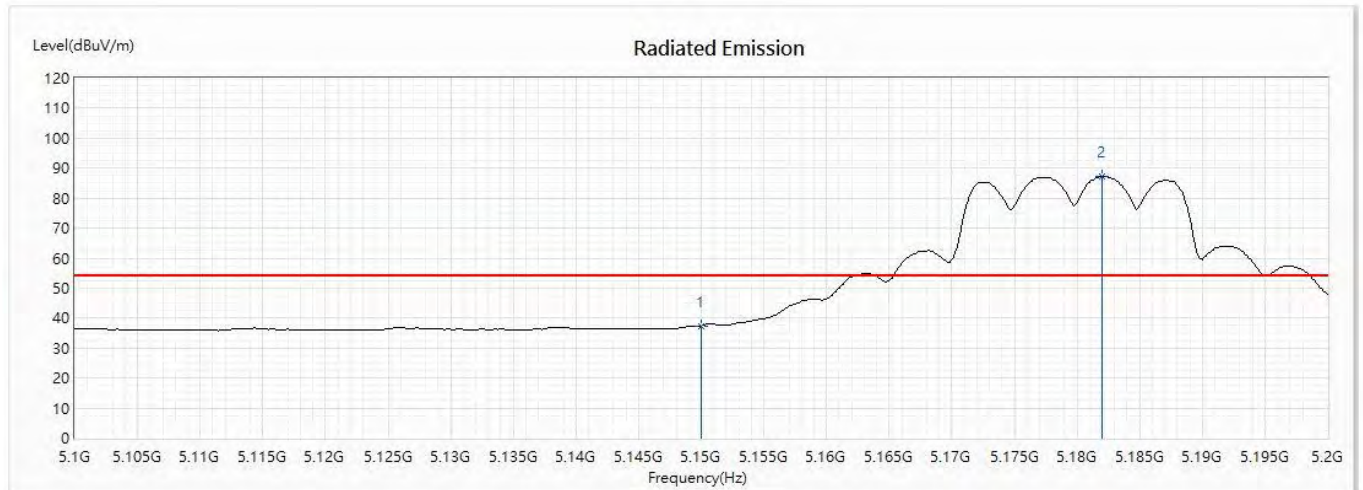
##### Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.



Product : LTE SOM Module  
 Test Item : Band Edge Data  
 Test Date : 2020/04/17  
 Test Mode : Mode 1:802.11a-Channel 36 (5180MHz)

### Horizontal



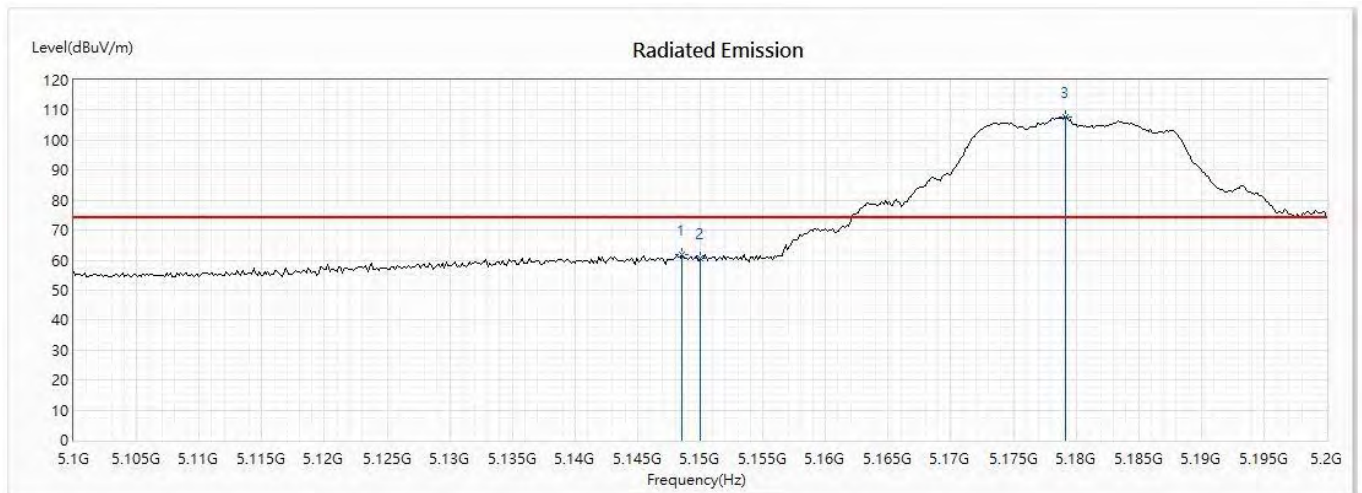
| No | Frequency<br>(MHz) | Emission Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Reading Level<br>(dBuV) | Correct Factor<br>(dB/m) | Detector<br>Type |
|----|--------------------|----------------------------|-------------------|----------------|-------------------------|--------------------------|------------------|
| 1  | 5150               | 37.47                      | 54.00             | -16.53         | 30.87                   | 6.60                     | AV               |
| 2  | 5182.029           | 87.19                      | 54.00             | 33.19          | 80.50                   | 6.69                     | AV               |

### Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module  
 Test Item : Band Edge Data  
 Test Date : 2020/04/17  
 Test Mode : Mode 1:802.11a-Channel 36 (5180MHz)

### Vertical



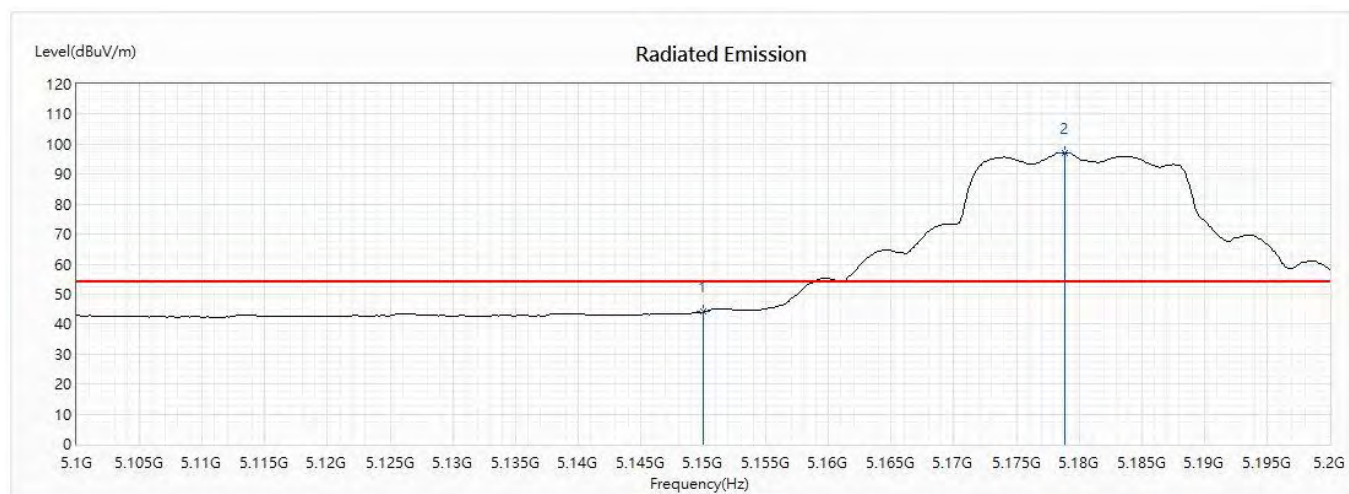
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1  | 5148.551        | 61.68                   | 74.00          | -12.32      | 55.08                | 6.60                  | PK            |
| 2  | 5150            | 60.48                   | 74.00          | -13.52      | 53.88                | 6.60                  | PK            |
| 3  | 5179.13         | 107.69                  | 74.00          | 33.69       | 101.03               | 6.66                  | PK            |

### Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module  
 Test Item : Band Edge Data  
 Test Date : 2020/04/17  
 Test Mode : Mode 1:802.11a-Channel 36 (5180MHz)

## Vertical



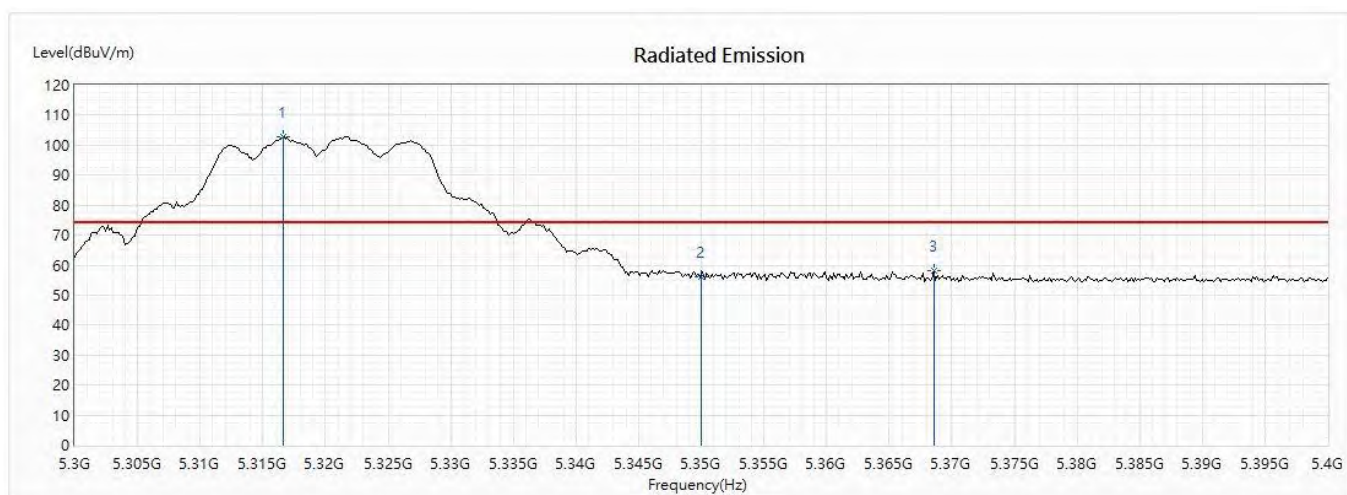
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1  | 5150            | 44.03                   | 54.00          | -9.97       | 37.43                | 6.60                  | AV            |
| 2  | 5178.841        | 97.22                   | 54.00          | 43.22       | 90.56                | 6.66                  | AV            |

## Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module  
 Test Item : Band Edge Data  
 Test Date : 2020/04/17  
 Test Mode : Mode 1:802.11a -Channel 64 (5320MHz)

### Horizontal



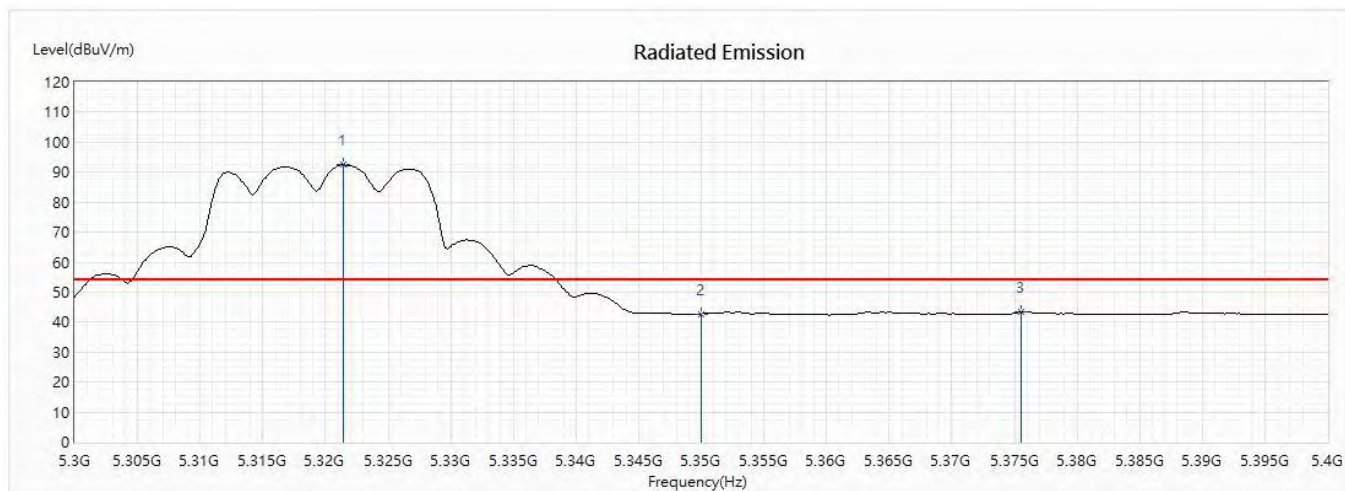
| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| ! 1 | 5316.667        | 102.64                  | 74.00          | 28.64       | 95.66                | 6.98                  | PK            |
| 2   | 5350            | 55.92                   | 74.00          | -18.08      | 48.87                | 7.05                  | PK            |
| 3   | 5368.551        | 57.96                   | 74.00          | -16.04      | 50.87                | 7.09                  | PK            |

### Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module  
 Test Item : Band Edge Data  
 Test Date : 2020/04/17  
 Test Mode : Mode 1:802.11a -Channel 64 (5320MHz)

## Horizontal



| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| ! 1 | 5321.449        | 92.38                   | 54.00          | 38.38       | 85.39                | 6.99                  | AV            |
| 2   | 5350            | 42.71                   | 54.00          | -11.29      | 35.66                | 7.05                  | AV            |
| 3   | 5375.507        | 43.36                   | 54.00          | -10.64      | 36.26                | 7.10                  | AV            |

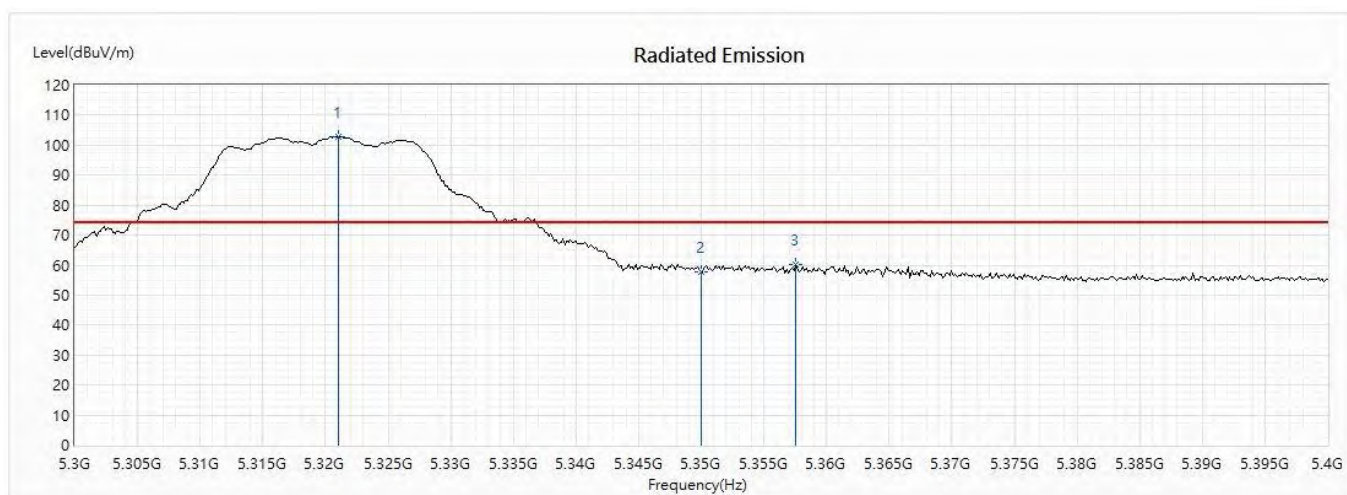
## Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.



Product : LTE SOM Module  
 Test Item : Band Edge Data  
 Test Date : 2020/04/17  
 Test Mode : Mode 1:802.11a -Channel 64 (5320MHz)

## Vertical



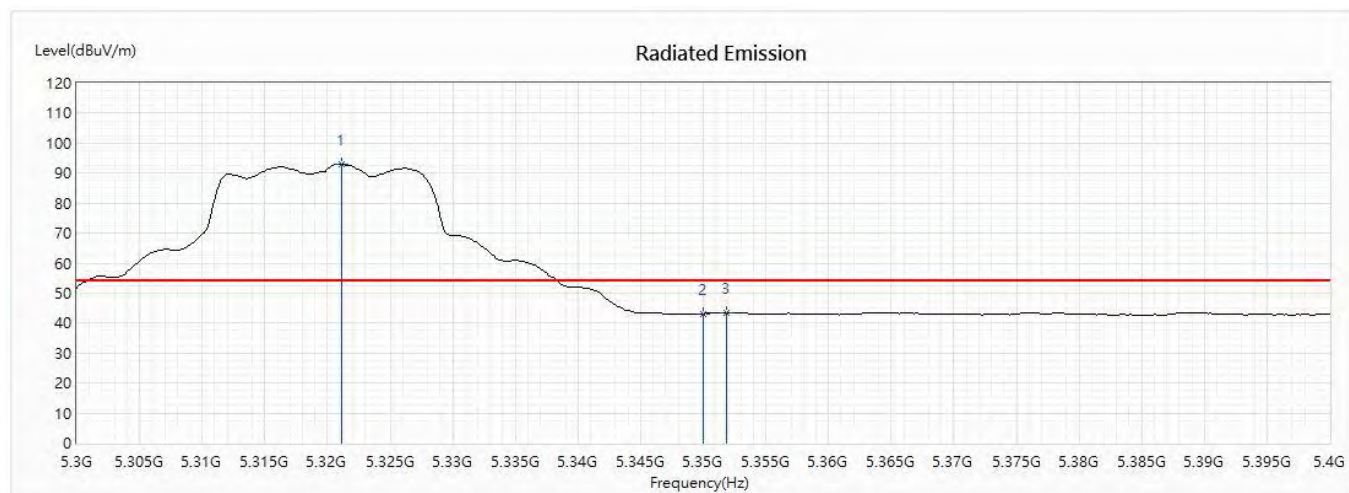
| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| ! 1 | 5321.014        | 102.90                  | 74.00          | 28.90       | 95.91                | 6.99                  | PK            |
| 2   | 5350            | 57.69                   | 74.00          | -16.31      | 50.64                | 7.05                  | PK            |
| 3   | 5357.536        | 60.03                   | 74.00          | -13.97      | 52.96                | 7.07                  | PK            |

## Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module  
 Test Item : Band Edge Data  
 Test Date : 2020/04/17  
 Test Mode : Mode 1:802.11a -Channel 64 (5320MHz)

## Vertical



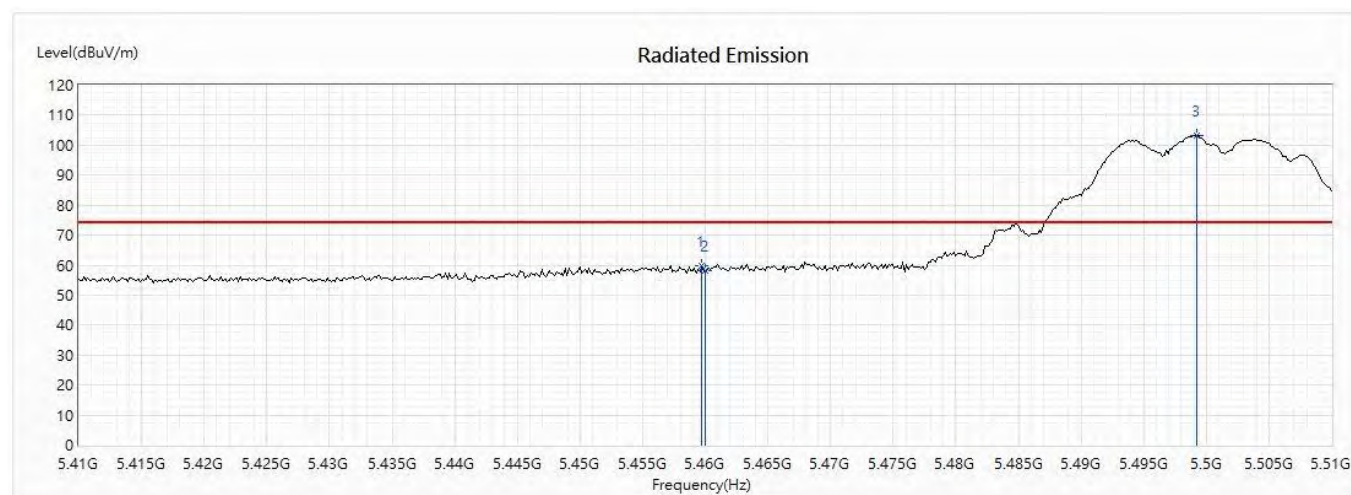
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1  | 5321.159        | 93.09                   | 54.00          | 39.09       | 86.10                | 6.99                  | AV            |
| 2  | 5350            | 42.94                   | 54.00          | -11.06      | 35.89                | 7.05                  | AV            |
| 3  | 5351.884        | 43.61                   | 54.00          | -10.39      | 36.56                | 7.05                  | AV            |

## Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module  
 Test Item : Band Edge Data  
 Test Date : 2020/04/17  
 Test Mode : Mode 1:802.11a -Channel 100 (5500MHz)

## Horizontal



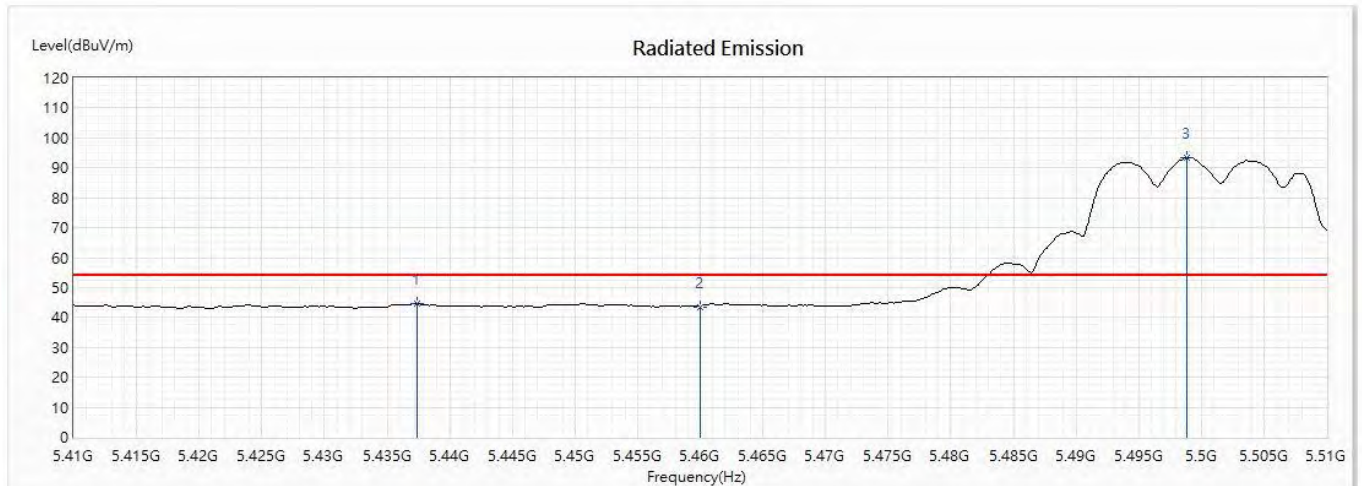
| No | Frequency<br>(MHz) | Emission Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Reading Level<br>(dBuV) | Correct Factor<br>(dB/m) | Detector<br>Type |
|----|--------------------|----------------------------|-------------------|----------------|-------------------------|--------------------------|------------------|
| 1  | 5459.71            | 59.92                      | 74.00             | -14.08         | 52.65                   | 7.27                     | PK               |
| 2  | 5460               | 58.33                      | 74.00             | -15.67         | 51.06                   | 7.27                     | PK               |
| 3  | 5499.275           | 103.20                     | 74.00             | 29.20          | 95.85                   | 7.35                     | PK               |

## Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module  
 Test Item : Band Edge Data  
 Test Date : 2020/04/17  
 Test Mode : Mode 1:802.11a -Channel 100 (5500MHz)

### Horizontal



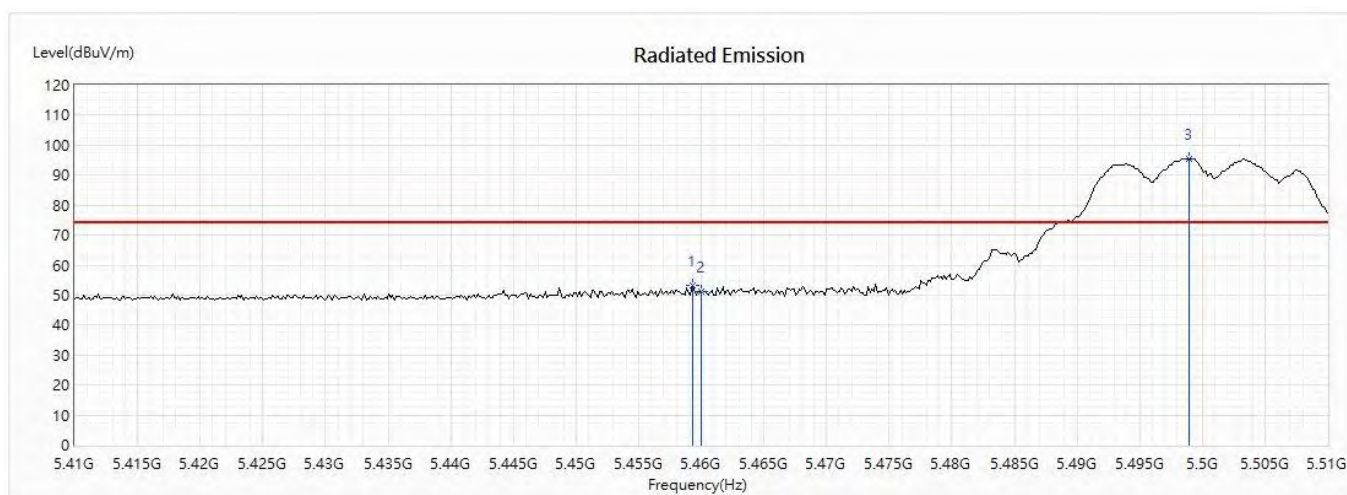
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1  | 5437.391        | 44.62                   | 54.00          | -9.38       | 37.40                | 7.22                  | AV            |
| 2  | 5460            | 43.59                   | 54.00          | -10.41      | 36.32                | 7.27                  | AV            |

### Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module  
 Test Item : Band Edge Data  
 Test Date : 2020/04/17  
 Test Mode : Mode 1:802.11a -Channel 100 (5500MHz)

## Vertical



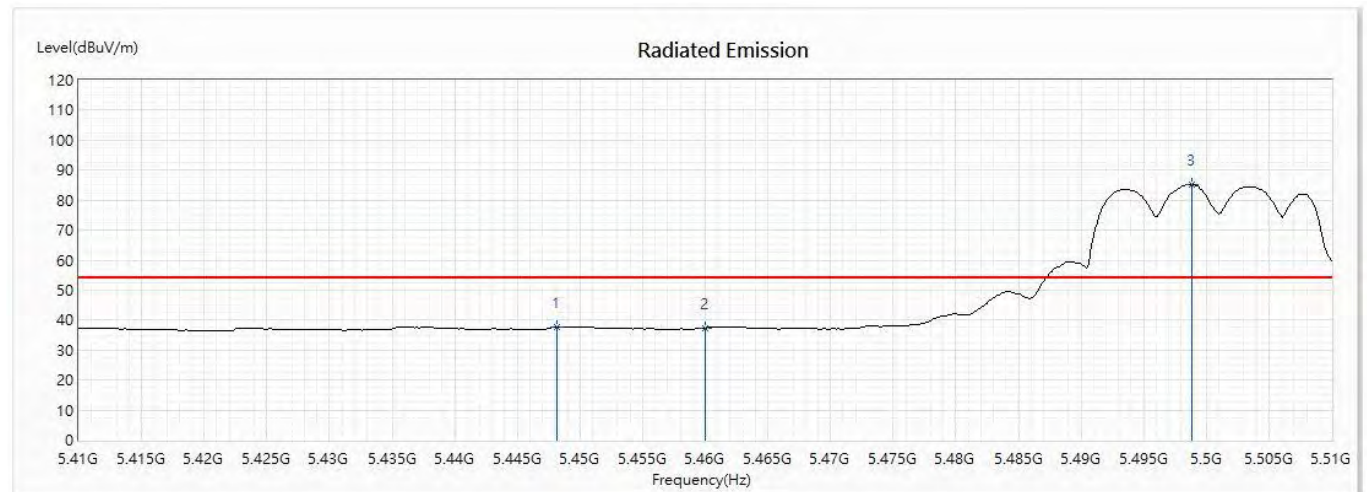
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1  | 5459.275        | 53.15                   | 74.00          | -20.85      | 45.88                | 7.27                  | PK            |
| 2  | 5460            | 51.13                   | 74.00          | -22.87      | 43.86                | 7.27                  | PK            |
| 3  | 5498.986        | 95.61                   | 74.00          | 21.61       | 88.26                | 7.35                  | PK            |

## Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module  
 Test Item : Band Edge Data  
 Test Date : 2020/04/17  
 Test Mode : Mode 1:802.11a -Channel 100 (5500MHz)

## Vertical



| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 5448.116        | 37.68                   | 54.00          | -16.32      | 30.43                | 7.25                  | AV            |
| 2   | 5460            | 37.20                   | 54.00          | -16.80      | 29.93                | 7.27                  | AV            |
| ! 3 | 5498.841        | 85.29                   | 54.00          | 31.29       | 77.94                | 7.35                  | AV            |

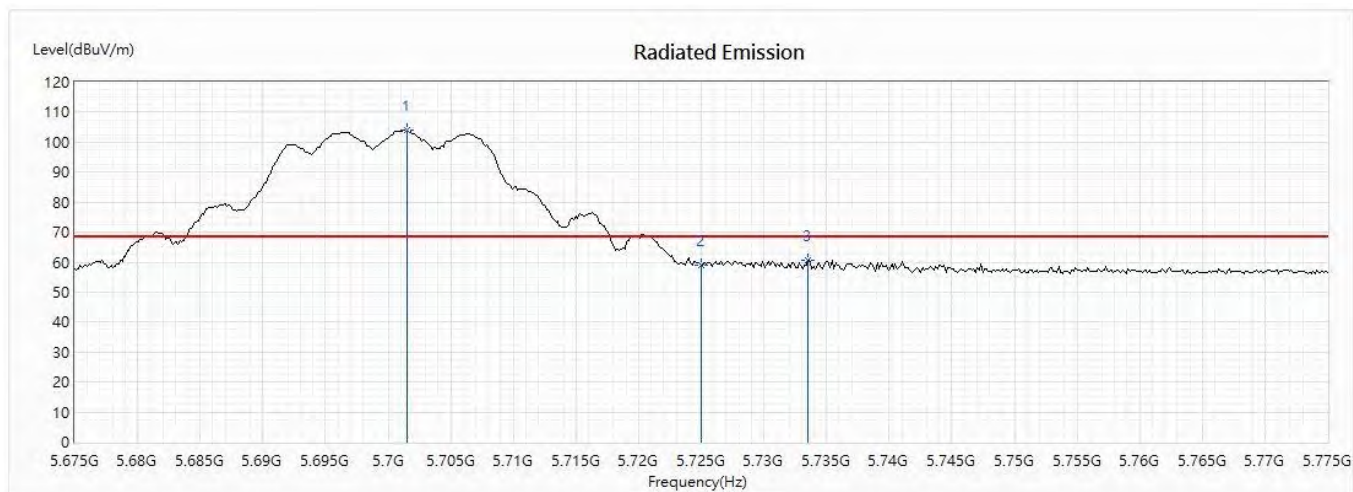
## Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.



Product : LTE SOM Module  
 Test Item : Band Edge Data  
 Test Date : 2020/04/17  
 Test Mode : Mode 1:802.11a -Channel 140 (5700MHz)

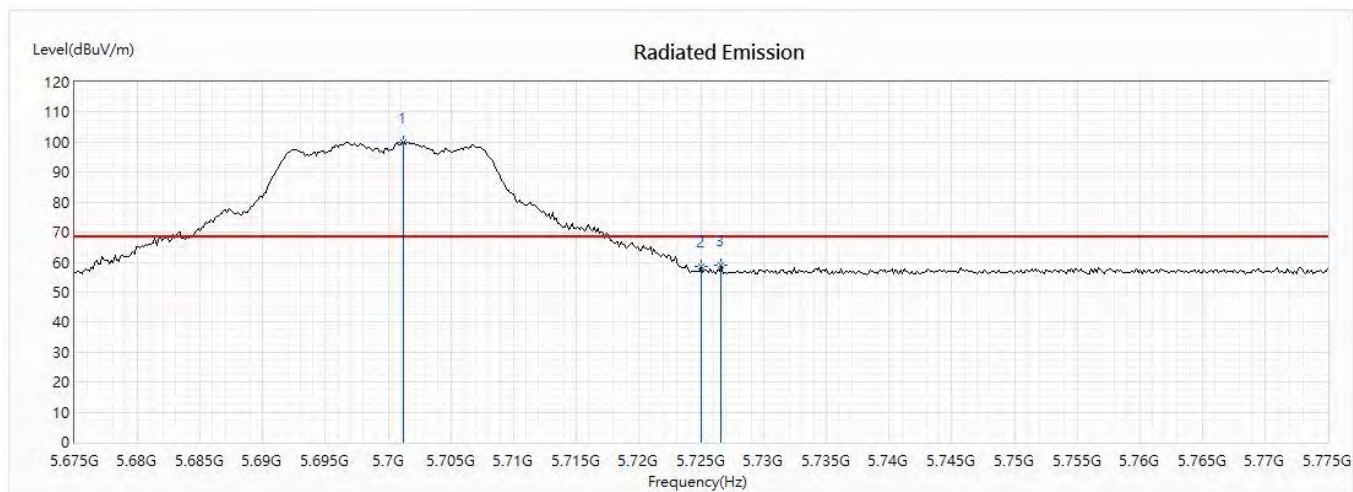
## Horizontal



| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| ! 1 | 5701.522        | 104.02                  | 68.22          | 35.80       | 96.16                | 7.86                  | PK            |
| 2   | 5725            | 58.92                   | 68.22          | -9.30       | 51.01                | 7.91                  | PK            |
| 3   | 5733.551        | 60.72                   | 68.22          | -7.50       | 52.78                | 7.94                  | PK            |

Product : LTE SOM Module  
 Test Item : Band Edge Data  
 Test Date : 2020/04/17  
 Test Mode : Mode 1:802.11a -Channel 140 (5700MHz)

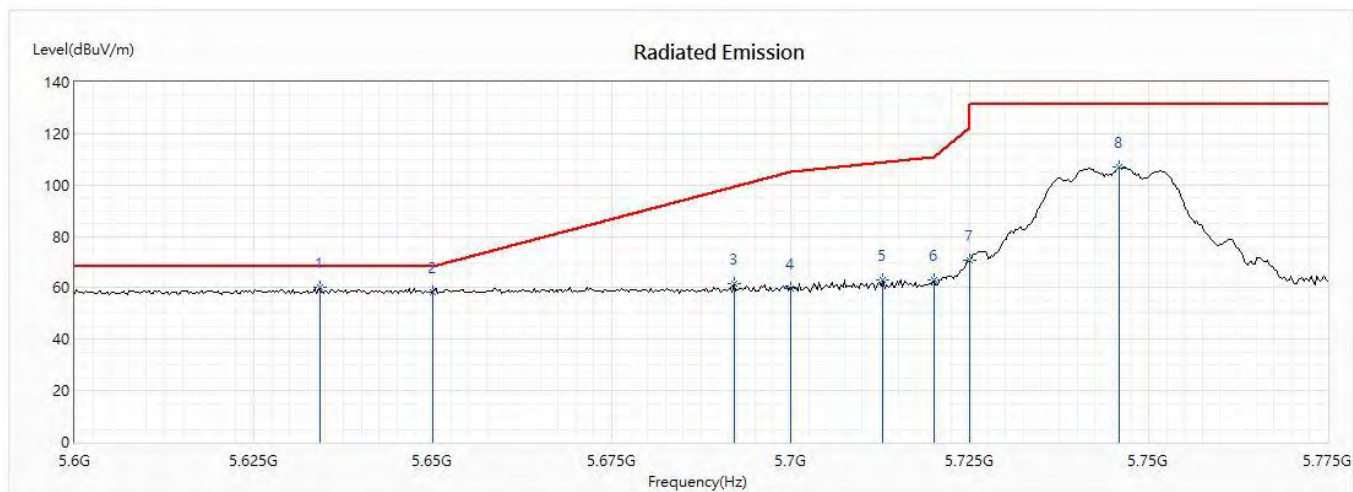
## Vertical



| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| ! 1 | 5701.232        | 100.05                  | 68.22          | 31.83       | 92.19                | 7.86                  | PK            |
| 2   | 5725            | 58.37                   | 68.22          | -9.85       | 50.46                | 7.91                  | PK            |
| 3   | 5726.594        | 58.87                   | 68.22          | -9.35       | 50.95                | 7.92                  | PK            |

Product : LTE SOM Module  
 Test Item : Band Edge Data  
 Test Date : 2020/04/17  
 Test Mode : Mode 1:802.11a -Channel 149 (5745MHz)

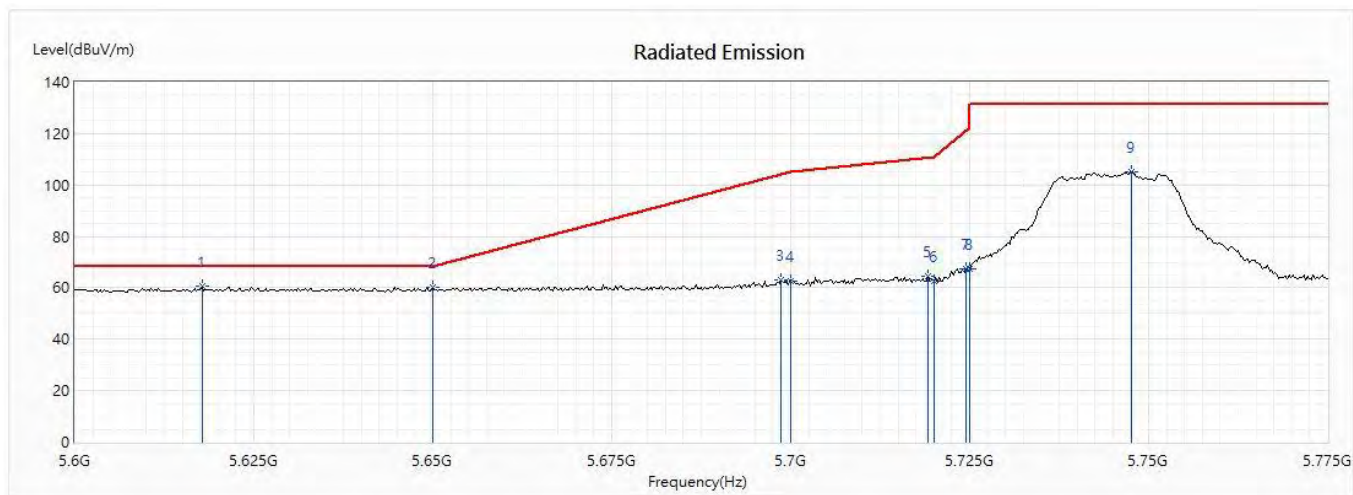
## Horizontal



| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| * 1 | 5634.239        | 60.24                   | 68.22          | -7.98       | 52.55                | 7.69                  | PK            |
| 2   | 5650            | 58.41                   | 68.22          | -9.81       | 50.68                | 7.73                  | PK            |
| 3   | 5692.065        | 61.81                   | 99.35          | -37.54      | 53.98                | 7.83                  | PK            |
| 4   | 5700            | 59.94                   | 105.20         | -45.26      | 52.08                | 7.86                  | PK            |
| 5   | 5712.862        | 63.06                   | 108.80         | -45.74      | 55.17                | 7.89                  | PK            |
| 6   | 5720            | 62.99                   | 110.80         | -47.81      | 55.09                | 7.90                  | PK            |
| 7   | 5725            | 70.73                   | 122.20         | -51.47      | 62.82                | 7.91                  | PK            |
| 8   | 5745.833        | 106.87                  | 131.20         | -24.33      | 98.91                | 7.96                  | PK            |

Product : LTE SOM Module  
 Test Item : Band Edge Data  
 Test Date : 2020/04/17  
 Test Mode : Mode 1:802.11a -Channel 149 (5745MHz)

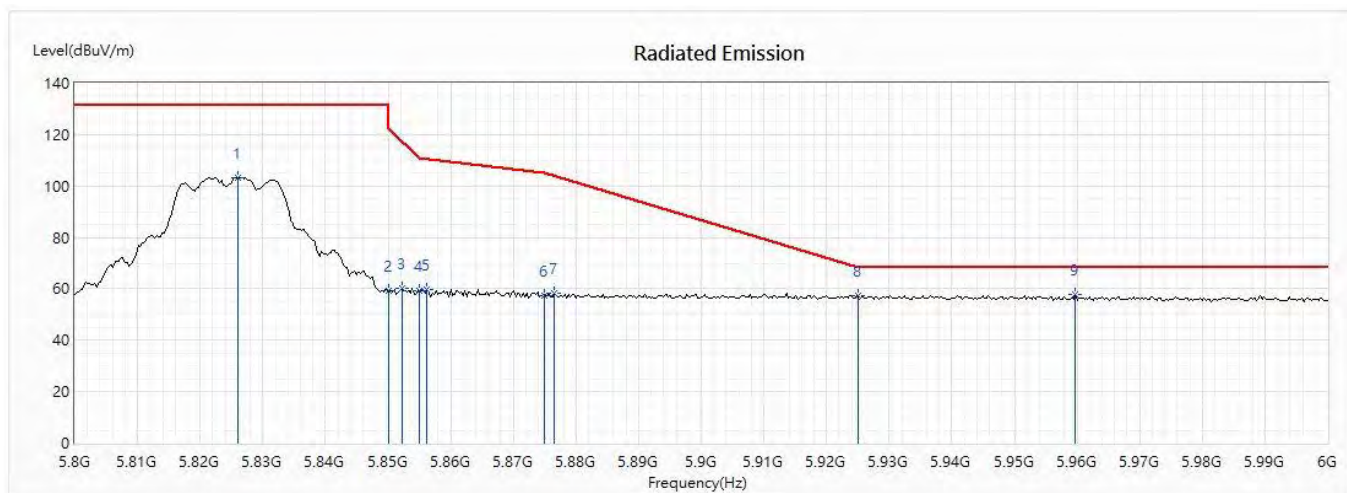
## Vertical



| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| * 1 | 5617.754        | 60.58                   | 68.22          | -7.64       | 52.94                | 7.64                  | PK            |
| 2   | 5650            | 60.24                   | 68.22          | -7.98       | 52.51                | 7.73                  | PK            |
| 3   | 5698.659        | 63.04                   | 104.21         | -41.17      | 55.19                | 7.85                  | PK            |
| 4   | 5700            | 62.74                   | 105.20         | -42.46      | 54.88                | 7.86                  | PK            |
| 5   | 5719.203        | 64.46                   | 110.58         | -46.12      | 56.56                | 7.90                  | PK            |
| 6   | 5720            | 62.61                   | 110.80         | -48.19      | 54.71                | 7.90                  | PK            |
| 7   | 5724.529        | 67.60                   | 121.13         | -53.53      | 59.69                | 7.91                  | PK            |
| 8   | 5725            | 67.37                   | 122.20         | -54.83      | 59.46                | 7.91                  | PK            |
| 9   | 5747.609        | 105.11                  | 131.20         | -26.09      | 97.14                | 7.97                  | PK            |

Product : LTE SOM Module  
 Test Item : Band Edge Data  
 Test Date : 2020/04/17  
 Test Mode : Mode 1:802.11a -Channel 165 (5825MHz)

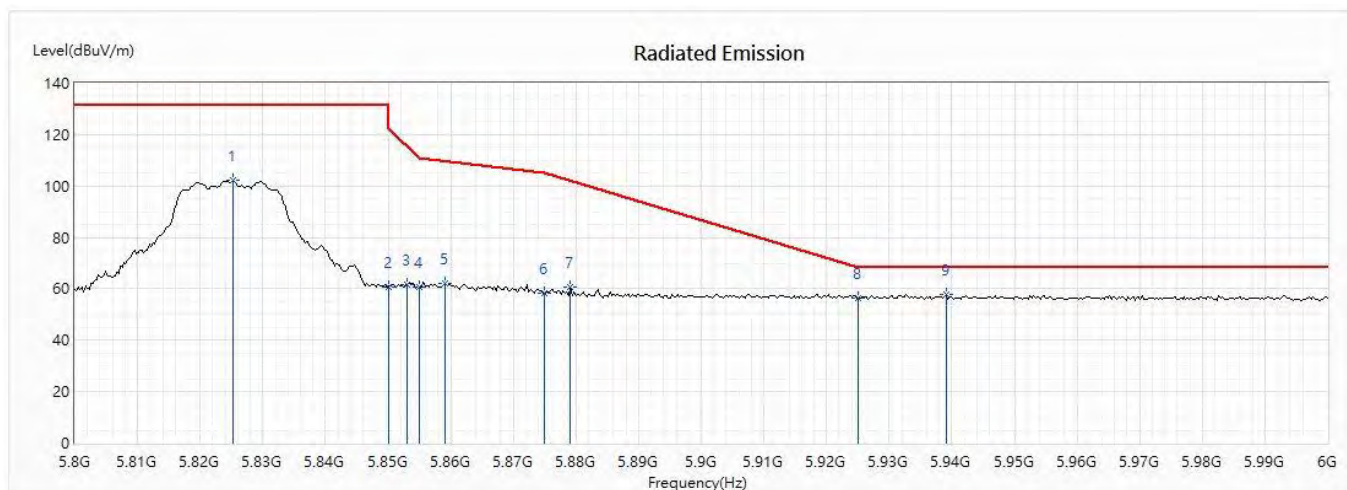
## Horizontal



| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 5826.087        | 103.42                  | 131.20         | -27.78      | 95.71                | 7.71                  | PK            |
| 2   | 5850            | 59.08                   | 122.20         | -63.12      | 51.46                | 7.62                  | PK            |
| 3   | 5852.174        | 60.29                   | 117.24         | -56.95      | 52.69                | 7.60                  | PK            |
| 4   | 5855            | 59.12                   | 110.80         | -51.68      | 51.52                | 7.60                  | PK            |
| 5   | 5856.232        | 59.75                   | 110.45         | -50.70      | 52.15                | 7.60                  | PK            |
| 6   | 5875            | 57.48                   | 105.20         | -47.72      | 49.96                | 7.52                  | PK            |
| 7   | 5876.522        | 58.33                   | 104.07         | -45.74      | 50.81                | 7.52                  | PK            |
| 8   | 5925            | 57.29                   | 68.20          | -10.91      | 49.94                | 7.35                  | PK            |
| * 9 | 5959.71         | 57.59                   | 68.20          | -10.61      | 50.37                | 7.22                  | PK            |

Product : LTE SOM Module  
 Test Item : Band Edge Data  
 Test Date : 2020/04/17  
 Test Mode : Mode 1:802.11a -Channel 165 (5825MHz)

## Vertical

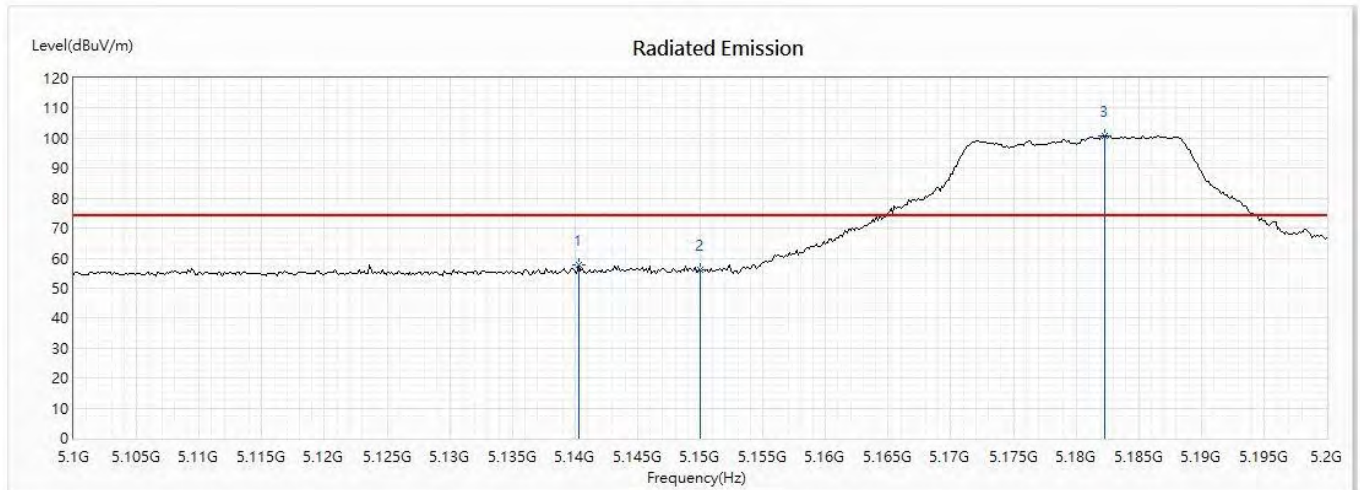


| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 5825.217        | 102.06                  | 131.20         | -29.14      | 94.35                | 7.71                  | PK            |
| 2   | 5850            | 60.57                   | 122.20         | -61.63      | 52.95                | 7.62                  | PK            |
| 3   | 5853.043        | 61.66                   | 115.26         | -53.60      | 54.06                | 7.60                  | PK            |
| 4   | 5855            | 60.66                   | 110.80         | -50.14      | 53.06                | 7.60                  | PK            |
| 5   | 5859.13         | 61.97                   | 109.64         | -47.67      | 54.39                | 7.58                  | PK            |
| 6   | 5875            | 58.16                   | 105.20         | -47.04      | 50.64                | 7.52                  | PK            |
| 7   | 5879.13         | 60.63                   | 102.13         | -41.50      | 53.12                | 7.51                  | PK            |
| 8   | 5925            | 56.50                   | 68.20          | -11.70      | 49.15                | 7.35                  | PK            |
| * 9 | 5939.13         | 57.75                   | 68.20          | -10.45      | 50.46                | 7.29                  | PK            |



Product : LTE SOM Module  
 Test Item : Band Edge Data  
 Test Date : 2020/04/17  
 Test Mode : Mode 2:802.11ac20 -Channel 36 (5180MHz)

### Horizontal



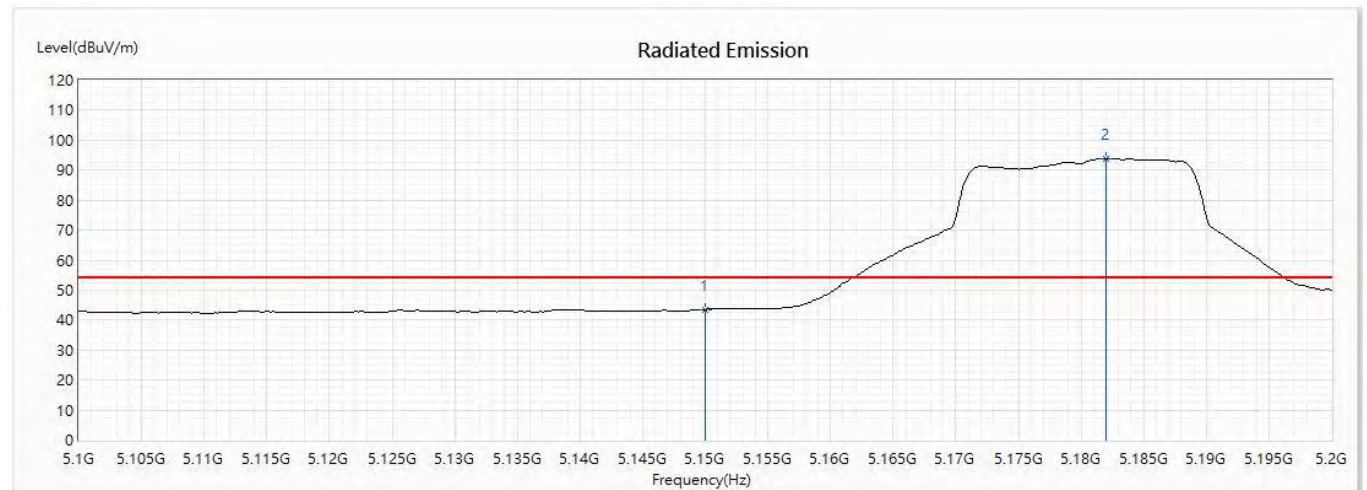
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1  | 5140.29         | 57.79                   | 74.00          | -16.21      | 51.22                | 6.57                  | PK            |
| 2  | 5150            | 55.92                   | 74.00          | -18.08      | 49.32                | 6.60                  | PK            |
| 3  | 5182.319        | 100.82                  | 74.00          | 26.82       | 94.13                | 6.69                  | PK            |

### Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module  
 Test Item : Band Edge Data  
 Test Date : 2020/04/17  
 Test Mode : Mode 2:802.11ac20 -Channel 36 (5180MHz)

## Horizontal



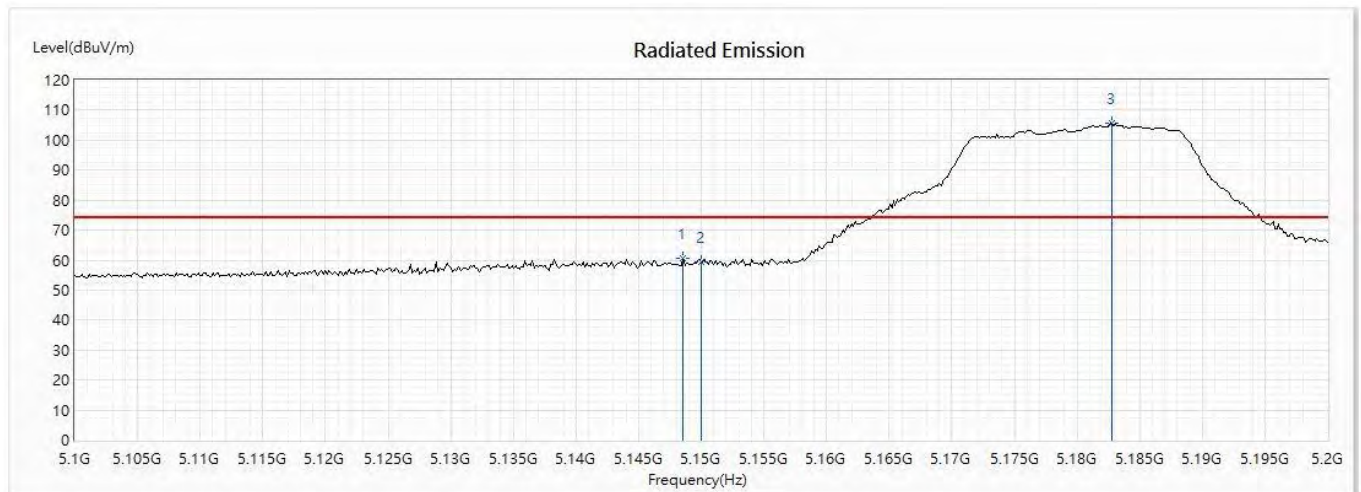
| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 5150            | 43.44                   | 54.00          | -10.56      | 36.84                | 6.60                  | AV            |
| ! 2 | 5182.029        | 93.81                   | 54.00          | 39.81       | 87.12                | 6.69                  | AV            |

## Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module  
 Test Item : Band Edge Data  
 Test Date : 2020/04/17  
 Test Mode : Mode 2:802.11ac20 -Channel 36 (5180MHz)

### Vertical



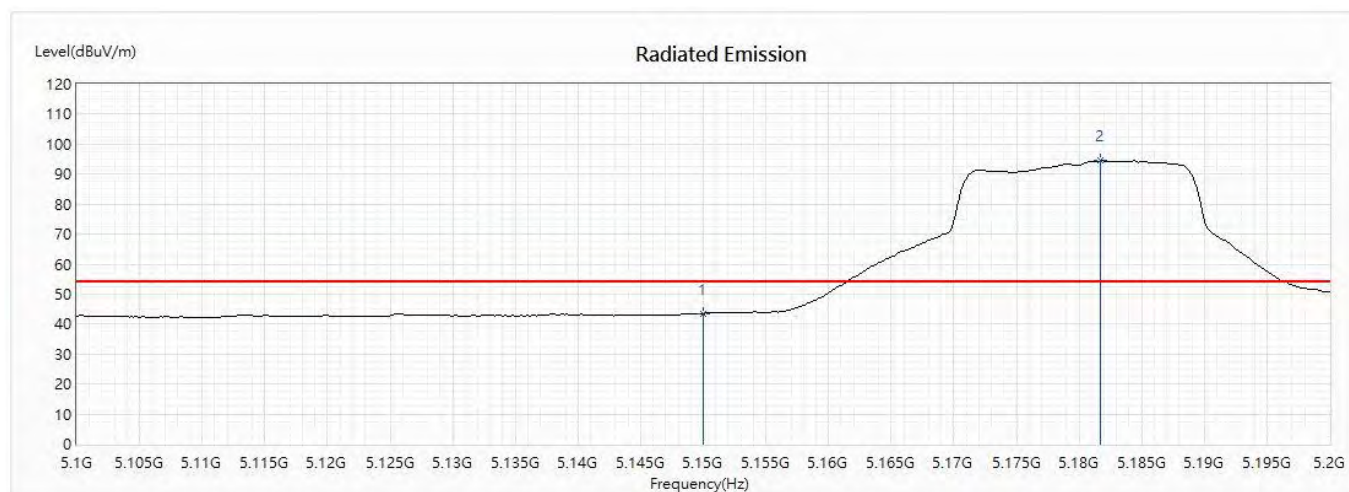
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1  | 5148.551        | 60.50                   | 74.00          | -13.50      | 53.90                | 6.60                  | PK            |
| 2  | 5150            | 59.30                   | 74.00          | -14.70      | 52.70                | 6.60                  | PK            |
| 3  | 5182.754        | 105.47                  | 74.00          | 31.47       | 98.78                | 6.69                  | PK            |

### Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module  
 Test Item : Band Edge Data  
 Test Date : 2020/04/17  
 Test Mode : Mode 2:802.11ac20 -Channel 36 (5180MHz)

## Vertical



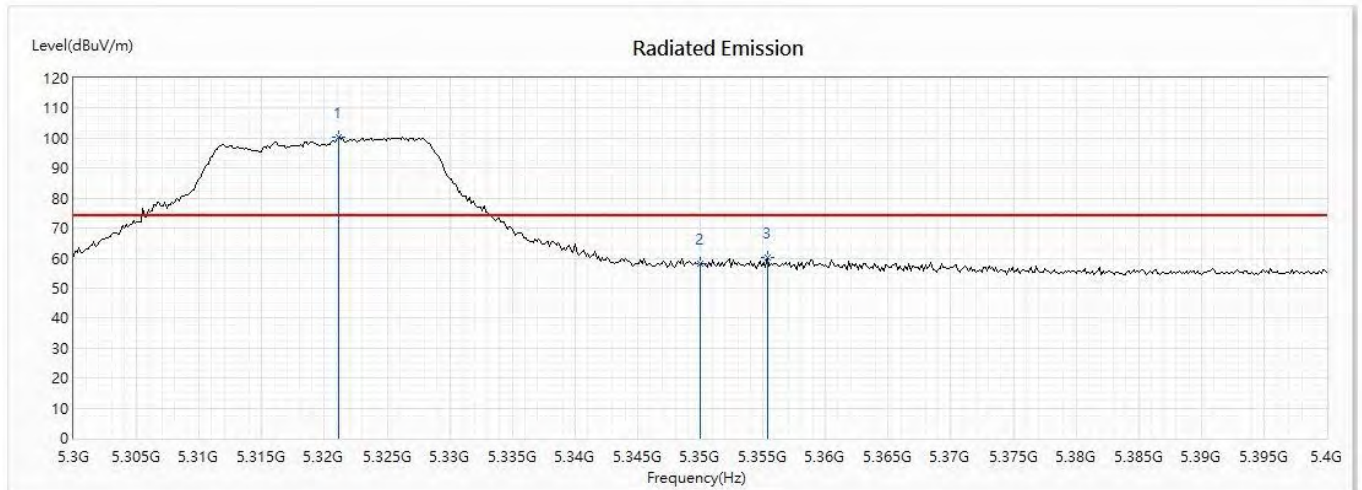
| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1   | 5150            | 43.55                   | 54.00          | -10.45      | 36.95                | 6.60                  | AV            |
| ! 2 | 5181.739        | 94.45                   | 54.00          | 40.45       | 87.77                | 6.68                  | AV            |

## Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module  
 Test Item : Band Edge Data  
 Test Date : 2020/04/17  
 Test Mode : Mode 2:802.11ac20 -Channel 64 (5320MHz)

### Horizontal



| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| ! 1 | 5321.159        | 100.22                  | 74.00          | 26.22       | 93.23                | 6.99                  | PK            |
| 2   | 5350            | 58.30                   | 74.00          | -15.70      | 51.25                | 7.05                  | PK            |
| 3   | 5355.362        | 60.09                   | 74.00          | -13.91      | 53.03                | 7.06                  | PK            |

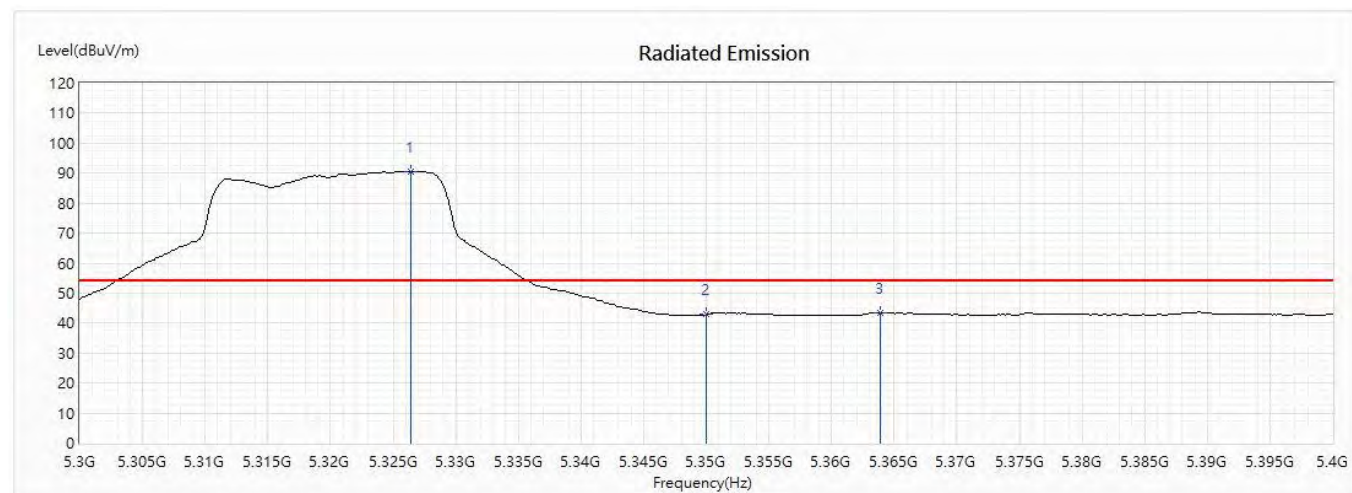
### Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.



Product : LTE SOM Module  
 Test Item : Band Edge Data  
 Test Date : 2020/04/17  
 Test Mode : Mode 2:802.11ac20 -Channel 64 (5320MHz)

## Horizontal



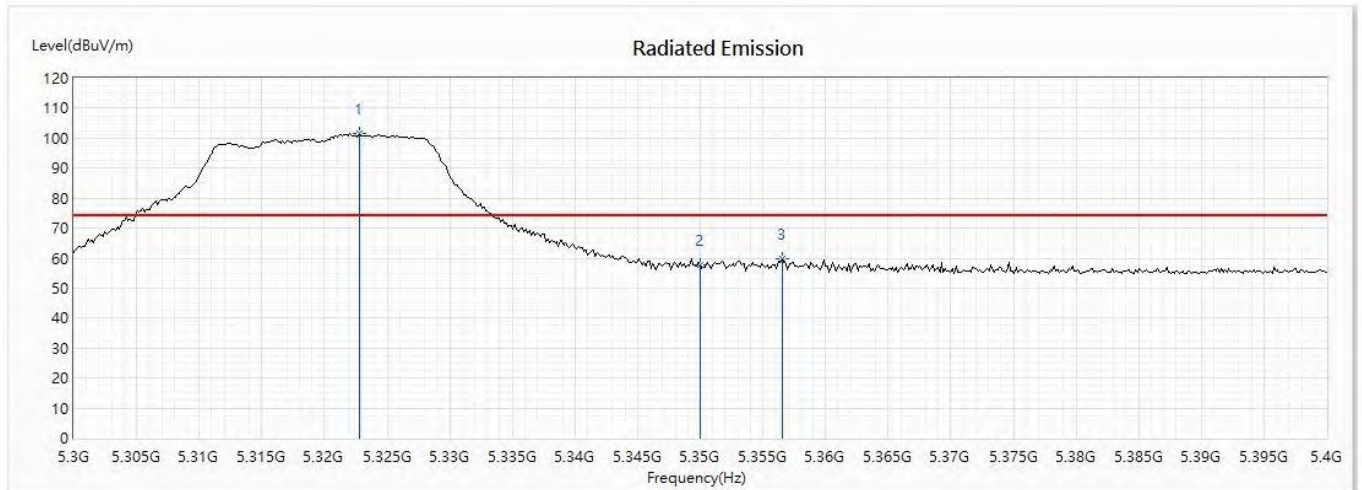
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1  | 5326.377        | 90.63                   | 54.00          | 36.63       | 83.62                | 7.01                  | AV            |
| 2  | 5350            | 42.84                   | 54.00          | -11.16      | 35.79                | 7.05                  | AV            |
| 3  | 5363.913        | 43.37                   | 54.00          | -10.63      | 36.29                | 7.08                  | AV            |

## Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module  
 Test Item : Band Edge Data  
 Test Date : 2020/04/17  
 Test Mode : Mode 2:802.11ac20 -Channel 64 (5320MHz)

### Vertical



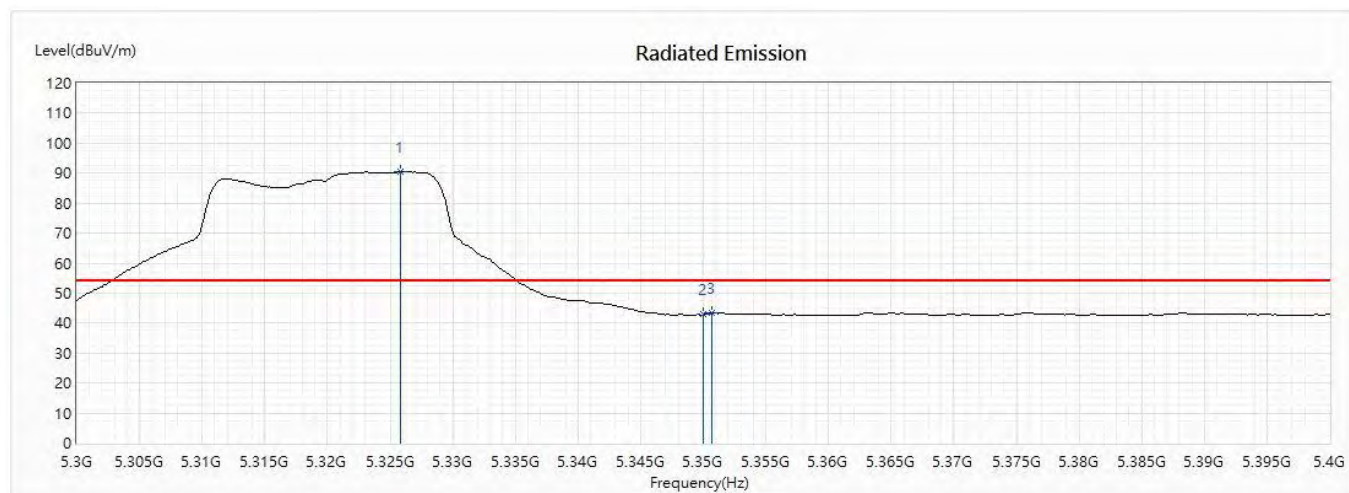
| No  | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| ! 1 | 5322.754        | 101.50                  | 74.00          | 27.50       | 94.51                | 6.99                  | PK            |
| 2   | 5350            | 57.71                   | 74.00          | -16.29      | 50.66                | 7.05                  | PK            |
| 3   | 5356.522        | 59.92                   | 74.00          | -14.08      | 52.85                | 7.07                  | PK            |

### Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module  
 Test Item : Band Edge Data  
 Test Date : 2020/04/17  
 Test Mode : Mode 2:802.11ac20 -Channel 64 (5320MHz)

## Vertical



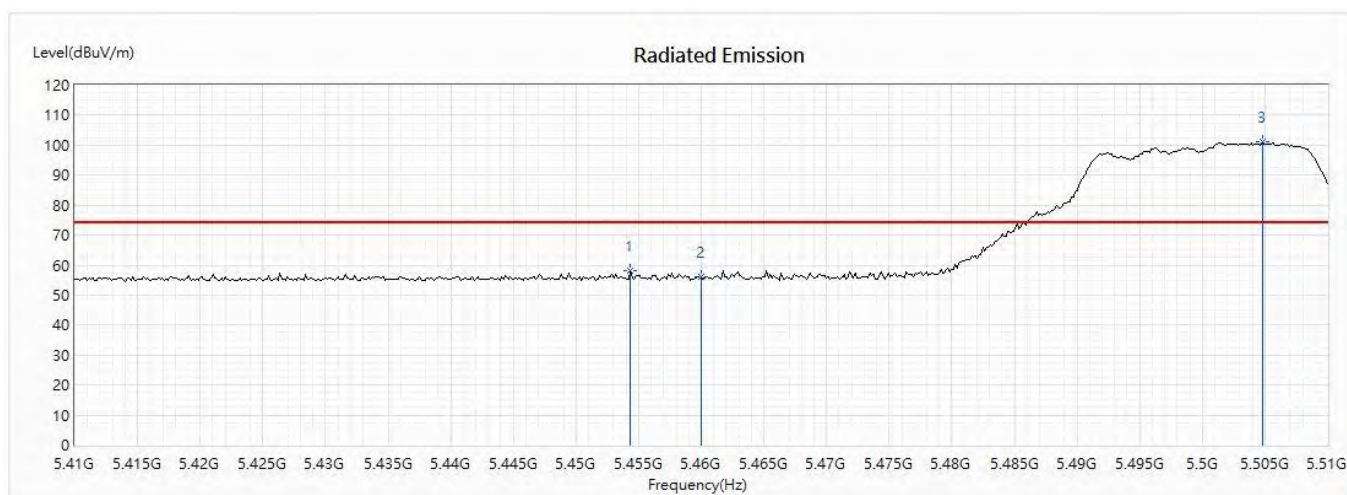
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1  | 5325.797        | 90.43                   | 54.00          | 36.43       | 83.42                | 7.01                  | AV            |
| 2  | 5350            | 42.81                   | 54.00          | -11.19      | 35.76                | 7.05                  | AV            |
| 3  | 5350.725        | 43.38                   | 54.00          | -10.62      | 36.33                | 7.05                  | AV            |

## Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module  
 Test Item : Band Edge Data  
 Test Date : 2020/04/17  
 Test Mode : Mode 2:802.11ac20 -Channel 100 (5500MHz)

### Horizontal



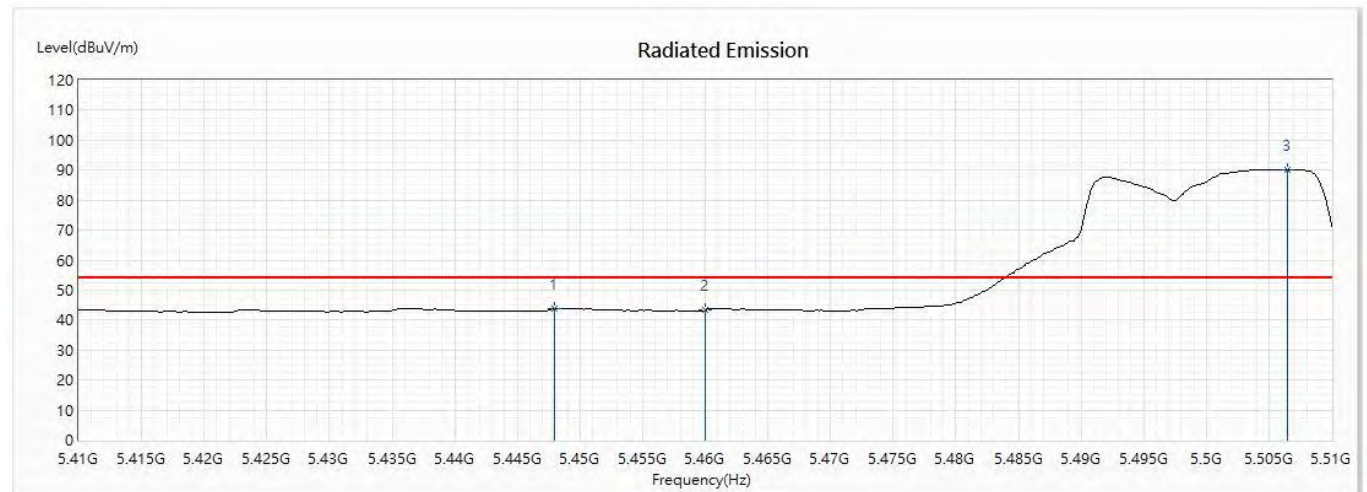
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1  | 5454.348        | 57.97                   | 74.00          | -16.03      | 50.71                | 7.26                  | PK            |
| 2  | 5460            | 56.15                   | 74.00          | -17.85      | 48.88                | 7.27                  | PK            |
| 3  | 5504.783        | 100.98                  | 74.00          | 26.98       | 93.62                | 7.36                  | PK            |

### Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module  
 Test Item : Band Edge Data  
 Test Date : 2020/04/17  
 Test Mode : Mode 2:802.11ac20 -Channel 100 (5500MHz)

## Horizontal



| No  | Frequency<br>(MHz) | Emission Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Reading Level<br>(dBuV) | Correct Factor<br>(dB/m) | Detector<br>Type |
|-----|--------------------|----------------------------|-------------------|----------------|-------------------------|--------------------------|------------------|
| 1   | 5447.971           | 43.79                      | 54.00             | -10.21         | 36.54                   | 7.25                     | AV               |
| 2   | 5460               | 43.26                      | 54.00             | -10.74         | 35.99                   | 7.27                     | AV               |
| ! 3 | 5506.522           | 90.30                      | 54.00             | 36.30          | 82.93                   | 7.37                     | AV               |

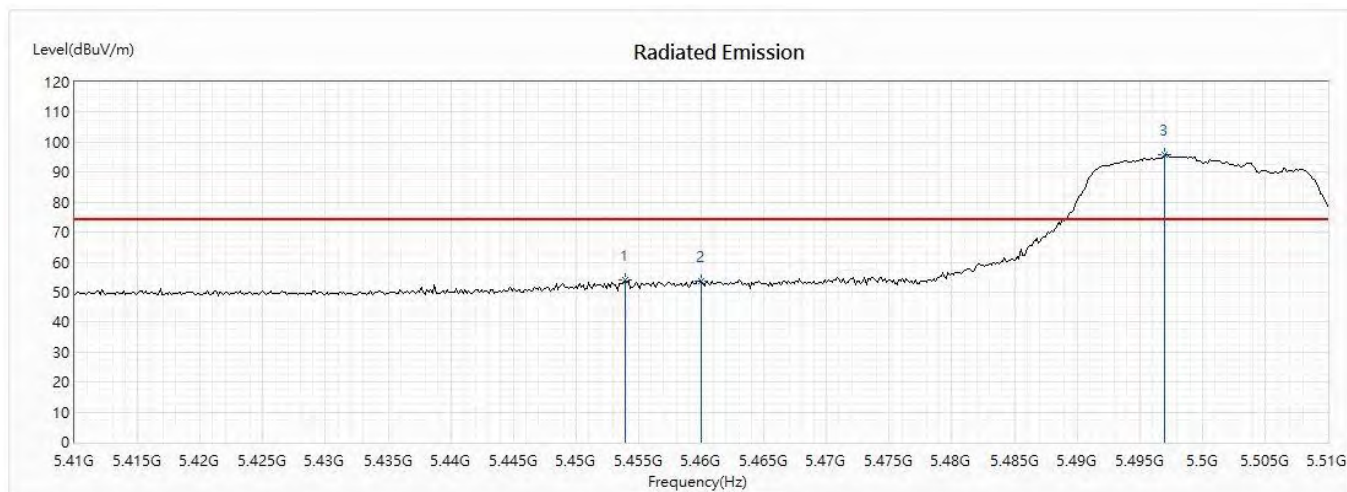
## Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.



Product : LTE SOM Module  
 Test Item : Band Edge Data  
 Test Date : 2020/04/17  
 Test Mode : Mode 2:802.11ac20 -Channel 100 (5500MHz)

## Vertical



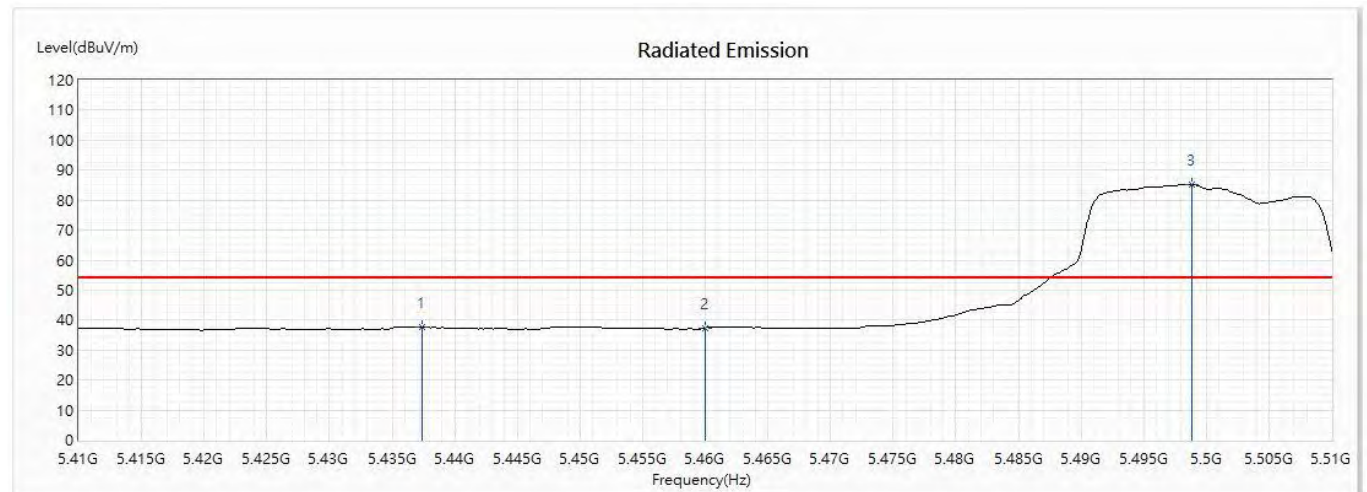
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB/m) | Detector Type |
|----|-----------------|-------------------------|----------------|-------------|----------------------|-----------------------|---------------|
| 1  | 5453.913        | 53.97                   | 74.00          | -20.03      | 46.71                | 7.26                  | PK            |
| 2  | 5460            | 53.58                   | 74.00          | -20.42      | 46.31                | 7.27                  | PK            |
| 3  | 5496.957        | 95.90                   | 74.00          | 21.90       | 88.55                | 7.35                  | PK            |

## Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LTE SOM Module  
 Test Item : Band Edge Data  
 Test Date : 2020/04/17  
 Test Mode : Mode 2:802.11ac20 -Channel 100 (5500MHz)

## Vertical



| No  | Frequency<br>(MHz) | Emission Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Reading Level<br>(dBuV) | Correct Factor<br>(dB/m) | Detector<br>Type |
|-----|--------------------|----------------------------|-------------------|----------------|-------------------------|--------------------------|------------------|
| 1   | 5437.391           | 37.73                      | 54.00             | -16.27         | 30.51                   | 7.22                     | AV               |
| 2   | 5460               | 37.42                      | 54.00             | -16.58         | 30.15                   | 7.27                     | AV               |
| ! 3 | 5498.841           | 85.21                      | 54.00             | 31.21          | 77.86                   | 7.35                     | AV               |

## Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.