

## ANNEX A: Test Result

### 1. Unwanted Emission

There is more than one Adapters, each one should be applied throughout the compliance test respectively, and however, only the worst case (Adapter 1) will be recorded in this report.

The radiated emission was measured in the following position: EUT stand-up position (Z axis), lie-down position (X, Y axis). The worst emission was found in the following table and the loop antenna is coplanar, the others are vertical and horizontal. and the worst case was recorded.

|           |        |
|-----------|--------|
| Bluetooth | X axis |
|-----------|--------|

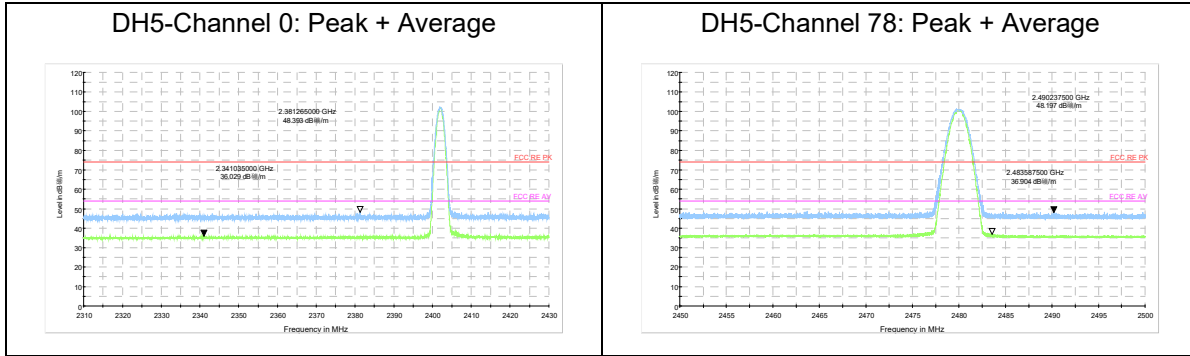
## 1.1. Bluetooth

The following graphs display the maximum values of horizontal and vertical by software. Blue trace uses the peak detection, Green trace uses the average detection.

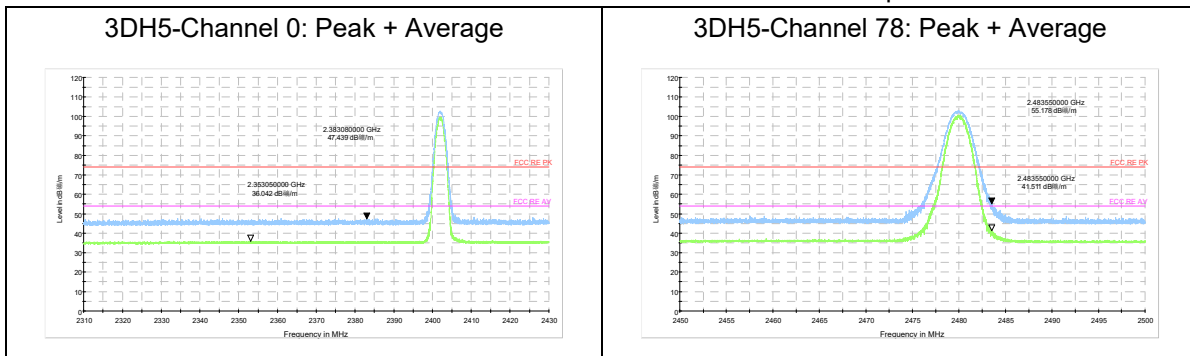
A symbol ( $\text{dB}\mu\text{V/m}$ ) in the test plot below means ( $\text{dB}\mu\text{V/m}$ )

### Configuration 1:

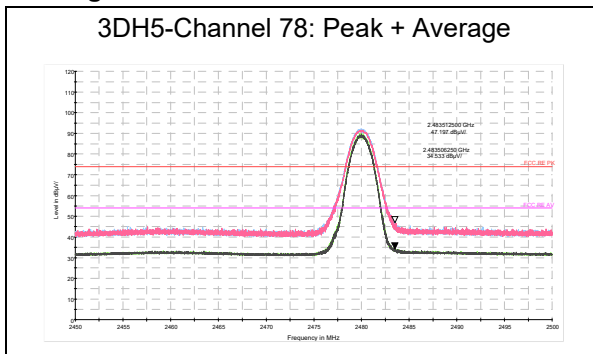
The signal beyond the limit is carrier.



The bandage was performed in all EDR mode (2DH5 and 3DH5), 3DH5 was selected as the worse condition. The test data of the worst-case condition was recorded in this report.



### Configuration 2:



## Result of RE

Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier. The Radiates Emission from 9kHz to 30MHz and 18GHz to 26.5GHz are more than 20dB below the limit are not reported.

### Remark:

1. **Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)**
2. **Margin = Limit – Quasi-Peak/ MAX Peak/ Average**
3. **A symbol (dB $\mu$ V/m) in the test plot below means (dB $\mu$ V/m)**
4. **The following graphs display the maximum values of horizontal and vertical by software.**
5. **For below 1GHz**

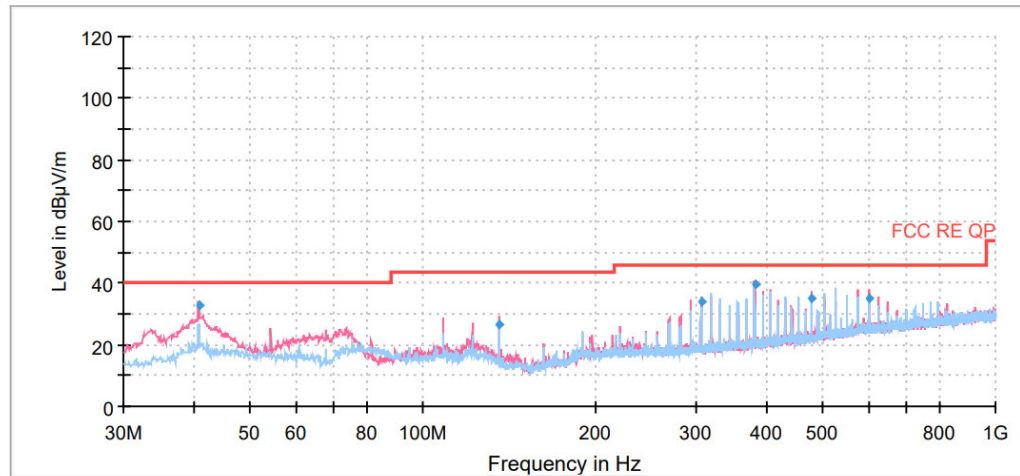
QP Level @Spectrum Overview H    QP Level @Spectrum Overview V    QP Level @Final Results    QP Limit  
**For above 1GHz**

PK Level @Spectrum Overview H    PK Level @Spectrum Overview V    PK Level @Final Results    PK Limit  
 AVG Level @Spectrum Overview H    AVG Level @Spectrum Overview V    AVG Level @Final Results    AVG Limit

## Continuous TX mode:

### Configuration 1:

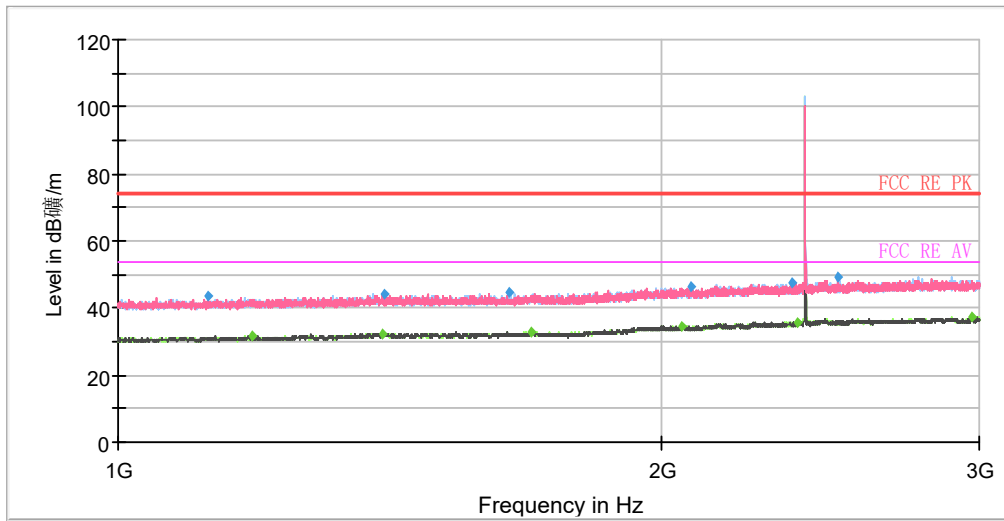
During the test, the Radiates Emission from 30MHz to 1GHz was performed in all modes with all channels. The test data of the worst-case condition was recorded in this report.



Radiates Emission from 30MHz to 1GHz

| Frequency (MHz) | Quasi-Peak (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) |
|-----------------|---------------------------|----------------------|-------------|-------------|--------------|---------------|---------------------|
| 38.73           | 24.99                     | 40.00                | 15.01       | 102.0       | V            | 338.00        | 19                  |
| 108.49          | 25.89                     | 43.50                | 17.61       | 101.0       | V            | 230.00        | 18                  |
| 135.61          | 26.59                     | 43.50                | 16.91       | 101.0       | V            | 242.00        | 15                  |
| 306.53          | 32.85                     | 46.00                | 13.15       | 101.0       | V            | 280.00        | 21                  |
| 380.21          | 40.00                     | 46.00                | 6.00        | 124.0       | V            | 132.00        | 23                  |
| 551.82          | 35.19                     | 46.00                | 10.81       | 183.0       | H            | 212.00        | 26                  |

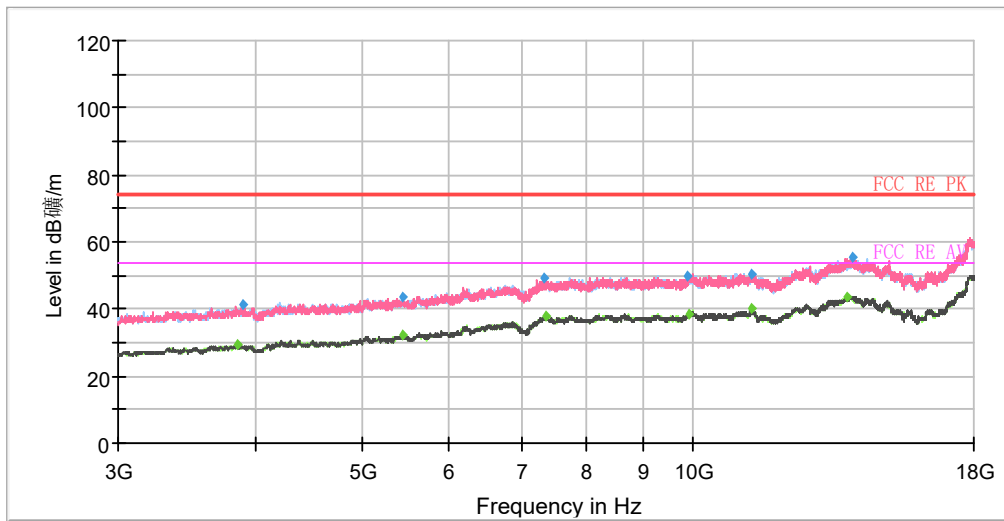
## DH5-Channel 0



Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

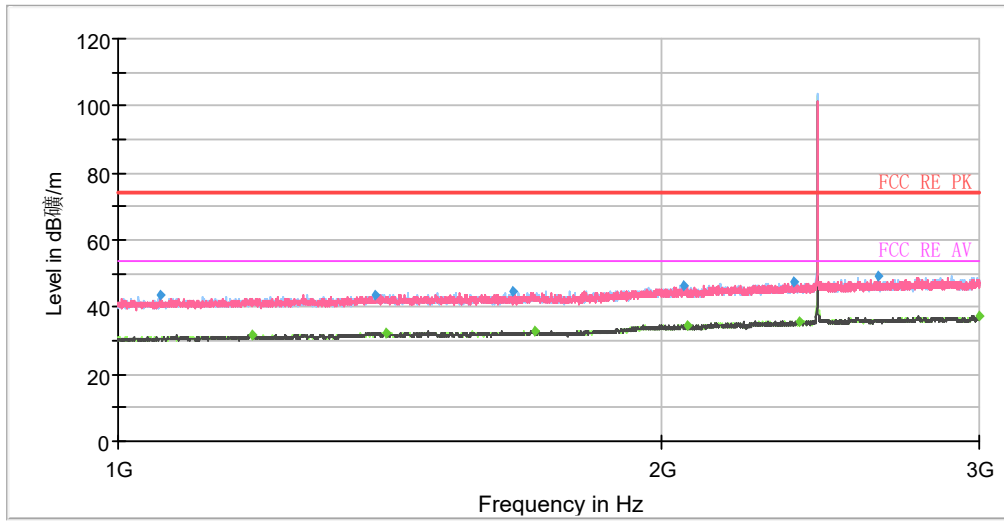
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1122.00         | 43.69            | ---              | 74.00          | 30.31       | 500.00          | 100.0       | V   | 8.00          | -4           |
| 1186.75         | ---              | 31.60            | 54.00          | 22.40       | 500.00          | 100.0       | V   | 4.00          | -4           |
| 1402.25         | ---              | 32.39            | 54.00          | 21.61       | 500.00          | 200.0       | H   | 8.00          | -3           |
| 1404.75         | 44.16            | ---              | 74.00          | 29.84       | 500.00          | 100.0       | V   | 187.00        | -3           |
| 1645.50         | 44.70            | ---              | 74.00          | 29.30       | 500.00          | 100.0       | H   | 353.00        | -2           |
| 1692.75         | ---              | 32.74            | 54.00          | 21.26       | 500.00          | 100.0       | H   | 0.00          | -2           |
| 2052.25         | ---              | 34.67            | 54.00          | 19.33       | 500.00          | 200.0       | H   | 0.00          | 1            |
| 2076.00         | 46.21            | ---              | 74.00          | 27.79       | 500.00          | 200.0       | V   | 334.00        | 0            |
| 2359.75         | 47.45            | ---              | 74.00          | 26.55       | 500.00          | 200.0       | V   | 358.00        | 2            |
| 2377.75         | ---              | 35.88            | 54.00          | 18.12       | 500.00          | 200.0       | V   | 84.00         | 2            |
| 2506.00         | 49.50            | ---              | 74.00          | 24.50       | 500.00          | 200.0       | V   | 358.00        | 2            |
| 2972.00         | ---              | 37.34            | 54.00          | 16.66       | 500.00          | 100.0       | H   | 196.00        | 4            |



Radiates Emission from 3GHz to 18GHz

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 3851.25         | ---              | 29.23            | 54.00          | 24.77       | 500.00          | 100.0       | H   | 96.00         | -4           |
| 3898.13         | 41.28            | ---              | 74.00          | 32.72       | 500.00          | 200.0       | H   | 234.00        | -4           |
| 5441.25         | 43.49            | ---              | 74.00          | 30.51       | 500.00          | 100.0       | H   | 355.00        | 0            |
| 5445.00         | ---              | 32.08            | 54.00          | 21.92       | 500.00          | 200.0       | V   | 341.00        | 0            |
| 7308.75         | 49.03            | ---              | 74.00          | 24.97       | 500.00          | 100.0       | H   | 35.00         | 5            |
| 7340.63         | ---              | 37.71            | 54.00          | 16.29       | 500.00          | 100.0       | H   | 346.00        | 5            |
| 9883.13         | 50.02            | ---              | 74.00          | 23.98       | 500.00          | 200.0       | H   | 3.00          | 7            |
| 9903.75         | ---              | 38.67            | 54.00          | 15.33       | 500.00          | 100.0       | H   | 359.00        | 7            |
| 11295.00        | 50.47            | ---              | 74.00          | 23.53       | 500.00          | 200.0       | H   | 337.00        | 9            |
| 11315.63        | ---              | 39.91            | 54.00          | 14.09       | 500.00          | 200.0       | H   | 172.00        | 9            |
| 13809.38        | ---              | 43.37            | 54.00          | 10.63       | 500.00          | 200.0       | H   | 0.00          | 12           |
| 13942.50        | 55.46            | ---              | 74.00          | 18.54       | 500.00          | 200.0       | V   | 0.00          | 12           |

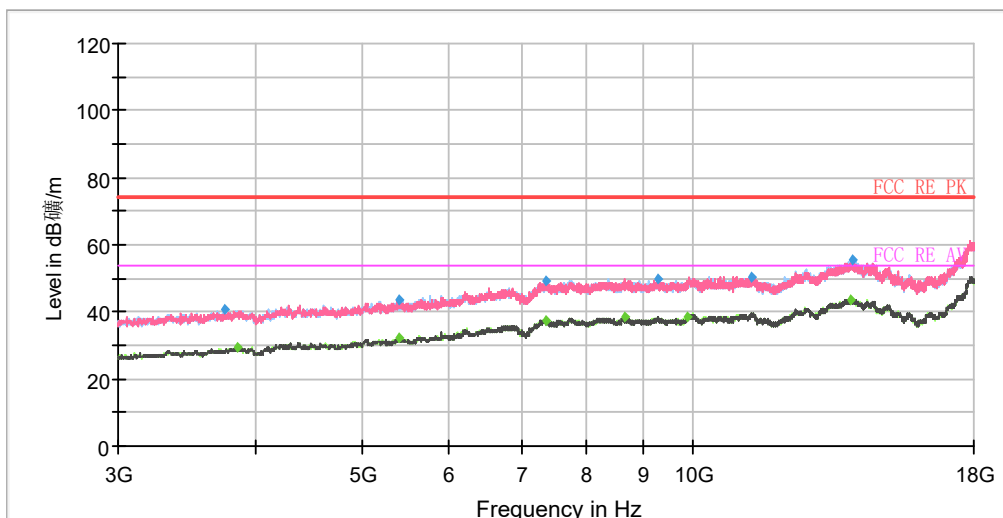
DH5-Channel 39



| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1056.00         | 43.64            | ---              | 74.00          | 30.36       | 500.00          | 200.0       | V   | 0.00          | -5           |
| 1187.50         | ---              | 31.58            | 54.00          | 22.42       | 500.00          | 200.0       | H   | 283.00        | -4           |
| 1388.50         | 43.79            | ---              | 74.00          | 30.21       | 500.00          | 200.0       | H   | 211.00        | -3           |
| 1408.75         | ---              | 32.48            | 54.00          | 21.52       | 500.00          | 100.0       | V   | 7.00          | -3           |
| 1655.00         | 44.67            | ---              | 74.00          | 29.33       | 500.00          | 200.0       | H   | 143.00        | -2           |
| 1703.00         | ---              | 32.81            | 54.00          | 21.19       | 500.00          | 100.0       | H   | 12.00         | -2           |
| 2057.25         | 46.38            | ---              | 74.00          | 27.62       | 500.00          | 100.0       | V   | 7.00          | 1            |
| 2065.50         | ---              | 34.63            | 54.00          | 19.37       | 500.00          | 200.0       | H   | 311.00        | 1            |
| 2369.75         | 47.55            | ---              | 74.00          | 26.45       | 500.00          | 200.0       | H   | 10.00         | 2            |
| 2384.25         | ---              | 35.65            | 54.00          | 18.35       | 500.00          | 200.0       | V   | 342.00        | 2            |
| 2635.75         | 49.17            | ---              | 74.00          | 24.83       | 500.00          | 100.0       | V   | 354.00        | 2            |
| 2999.75         | ---              | 37.23            | 54.00          | 16.77       | 500.00          | 200.0       | V   | 20.00         | 4            |

Note: The signal beyond the limit is carrier.

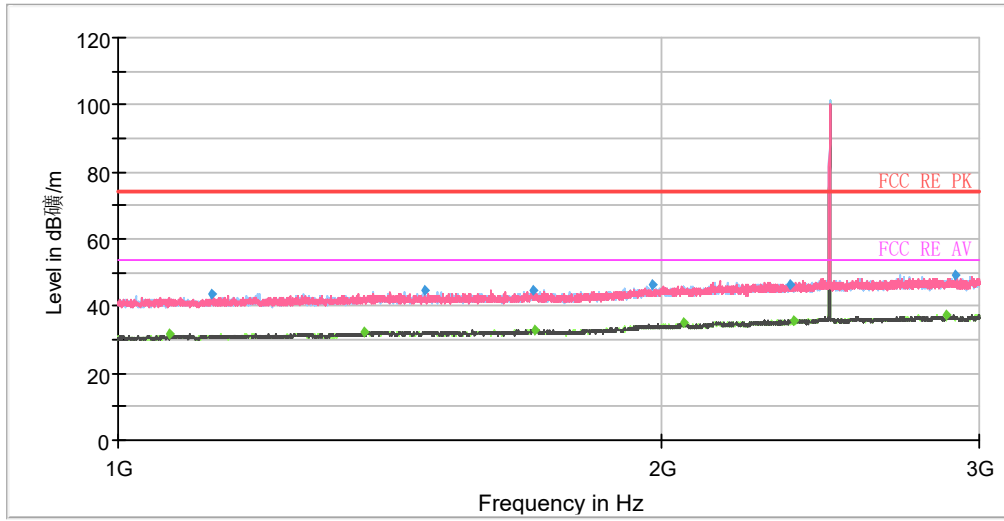
Radiates Emission from 1GHz to 3GHz



| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 3753.75         | 40.50            | ---              | 74.00          | 33.50       | 500.00          | 100.0       | V   | 1.00          | -5           |
| 3855.00         | ---              | 29.60            | 54.00          | 24.40       | 500.00          | 100.0       | V   | 169.00        | -4           |
| 5411.25         | 43.51            | ---              | 74.00          | 30.49       | 500.00          | 200.0       | V   | 191.00        | 0            |
| 5411.25         | ---              | 32.24            | 54.00          | 21.76       | 500.00          | 100.0       | H   | 357.00        | 0            |
| 7344.38         | ---              | 37.51            | 54.00          | 16.49       | 500.00          | 200.0       | V   | 96.00         | 5            |
| 7344.38         | 49.17            | ---              | 74.00          | 24.83       | 500.00          | 200.0       | H   | 249.00        | 5            |
| 8656.88         | ---              | 38.25            | 54.00          | 15.75       | 500.00          | 200.0       | H   | 295.00        | 7            |
| 9300.00         | 50.00            | ---              | 74.00          | 24.00       | 500.00          | 200.0       | V   | 295.00        | 7            |
| 9896.25         | ---              | 38.75            | 54.00          | 15.25       | 500.00          | 200.0       | V   | 266.00        | 7            |
| 11315.63        | 50.38            | ---              | 74.00          | 23.62       | 500.00          | 200.0       | H   | 34.00         | 9            |
| 13903.13        | ---              | 43.80            | 54.00          | 10.20       | 500.00          | 100.0       | H   | 204.00        | 12           |
| 13981.88        | 55.36            | ---              | 74.00          | 18.65       | 500.00          | 100.0       | V   | 78.00         | 12           |

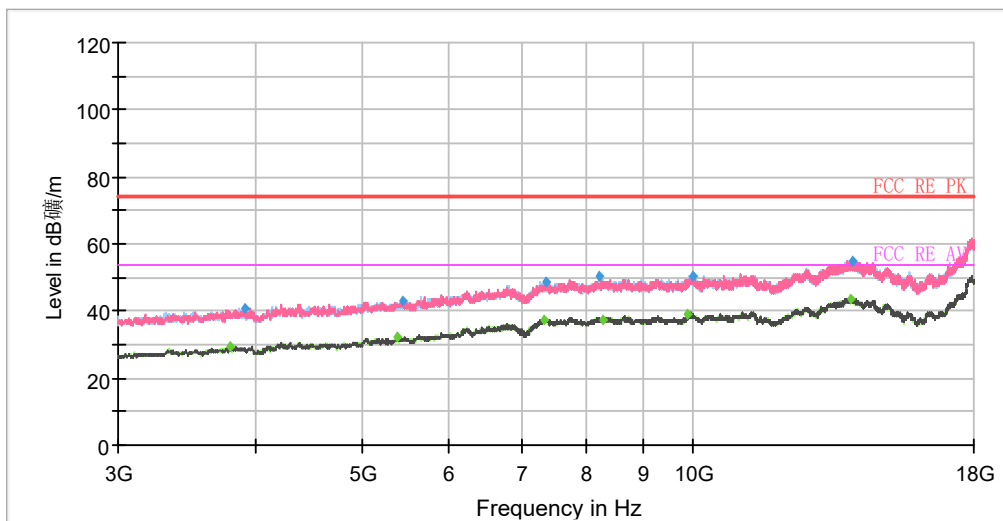
Radiates Emission from 3GHz to 18GHz

## DH5-Channel 78



| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1068.75         | ---              | 31.70            | 54.00          | 22.30       | 500.00          | 200.0       | V   | 331.00        | -5           |
| 1126.50         | 43.55            | ---              | 74.00          | 30.45       | 500.00          | 100.0       | H   | 344.00        | -4           |
| 1368.00         | ---              | 32.46            | 54.00          | 21.54       | 500.00          | 200.0       | H   | 47.00         | -3           |
| 1478.25         | 44.87            | ---              | 74.00          | 29.13       | 500.00          | 100.0       | H   | 0.00          | -3           |
| 1697.00         | 44.71            | ---              | 74.00          | 29.29       | 500.00          | 200.0       | V   | 292.00        | -2           |
| 1702.50         | ---              | 32.95            | 54.00          | 21.05       | 500.00          | 100.0       | V   | 217.00        | -2           |
| 1978.50         | 46.15            | ---              | 74.00          | 27.85       | 500.00          | 100.0       | H   | 338.00        | 0            |
| 2059.25         | ---              | 35.04            | 54.00          | 18.96       | 500.00          | 100.0       | H   | 344.00        | 1            |
| 2356.00         | 46.64            | ---              | 74.00          | 27.36       | 500.00          | 100.0       | V   | 104.00        | 2            |
| 2370.50         | ---              | 35.73            | 54.00          | 18.27       | 500.00          | 200.0       | V   | 354.00        | 2            |
| 2879.00         | ---              | 37.34            | 54.00          | 16.66       | 500.00          | 100.0       | H   | 225.00        | 3            |
| 2912.25         | 49.20            | ---              | 74.00          | 24.80       | 500.00          | 100.0       | V   | 3.00          | 3            |

Note: The signal beyond the limit is carrier.  
Radiates Emission from 1GHz to 3GHz

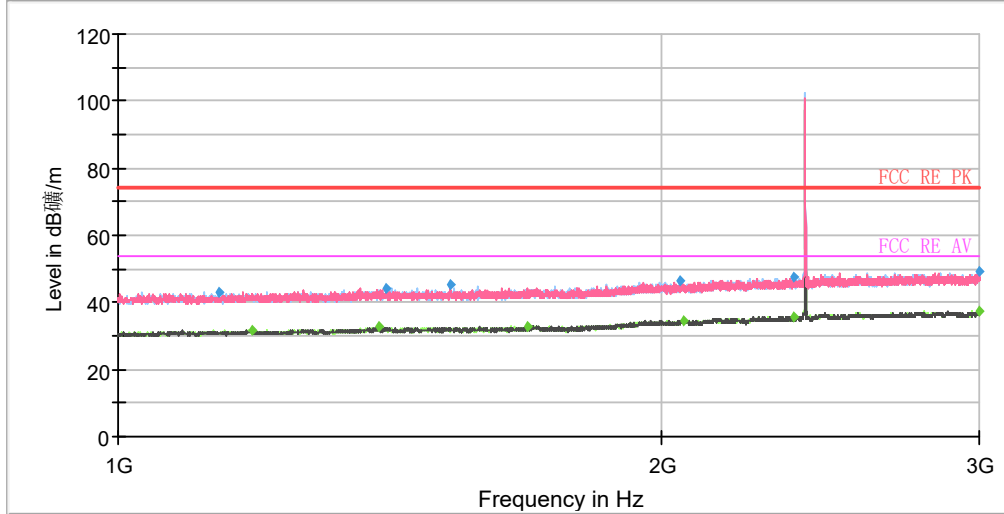


| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 3795.00         | ---              | 29.37            | 54.00          | 24.63       | 500.00          | 100.0       | H   | 354.00        | -5           |
| 3907.50         | 40.88            | ---              | 74.00          | 33.12       | 500.00          | 100.0       | V   | 116.00        | -4           |
| 5373.75         | ---              | 31.98            | 54.00          | 22.02       | 500.00          | 100.0       | H   | 0.00          | 0            |
| 5441.25         | 42.74            | ---              | 74.00          | 31.26       | 500.00          | 200.0       | V   | 50.00         | 0            |
| 7325.63         | ---              | 37.64            | 54.00          | 16.36       | 500.00          | 200.0       | V   | 0.00          | 5            |
| 7340.63         | 48.89            | ---              | 74.00          | 25.11       | 500.00          | 100.0       | V   | 37.00         | 5            |
| 8210.63         | 50.28            | ---              | 74.00          | 23.72       | 500.00          | 100.0       | H   | 351.00        | 7            |
| 8281.88         | ---              | 37.59            | 54.00          | 16.41       | 500.00          | 100.0       | H   | 100.00        | 6            |
| 9890.63         | ---              | 38.81            | 54.00          | 15.19       | 500.00          | 100.0       | V   | 0.00          | 7            |
| 10008.75        | 50.36            | ---              | 74.00          | 23.64       | 500.00          | 200.0       | V   | 0.00          | 7            |
| 13927.50        | ---              | 43.85            | 54.00          | 10.15       | 500.00          | 100.0       | H   | 336.00        | 12           |
| 13951.88        | 55.14            | ---              | 74.00          | 18.86       | 500.00          | 200.0       | H   | 42.00         | 12           |

Radiates Emission from 3GHz to 18GHz

The Radiates Emission was performed in all EDR mode (2DH5 and 3DH5), 3DH5 was selected as the worse condition. The test data of the worst-case condition was recorded in this report.

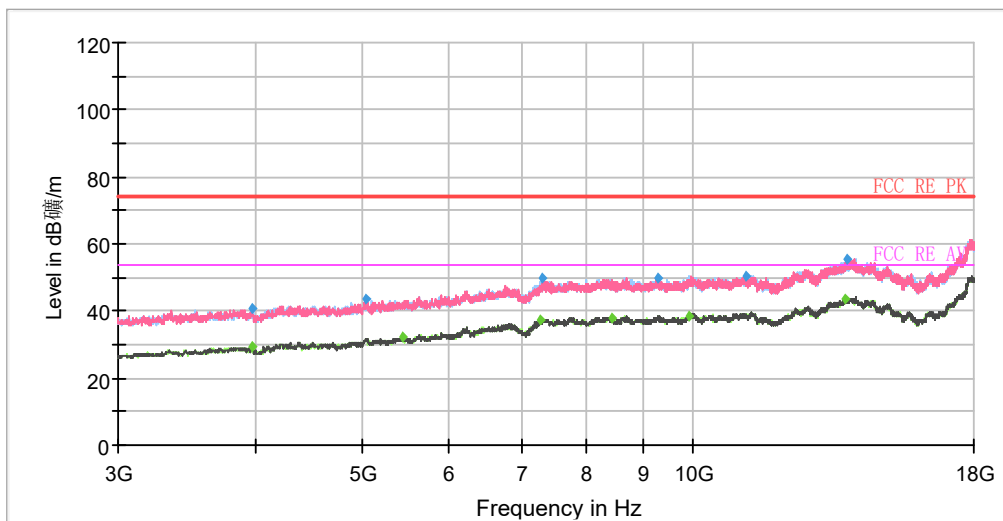
### 3DH5-Channel 0



| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1136.25         | 43.01            | ---              | 74.00          | 30.99       | 500.00          | 200.0       | H   | 286.00        | -4           |
| 1186.25         | ---              | 31.71            | 54.00          | 22.29       | 500.00          | 100.0       | H   | 248.00        | -4           |
| 1394.25         | ---              | 32.63            | 54.00          | 21.37       | 500.00          | 100.0       | H   | 320.00        | -3           |
| 1407.50         | 44.04            | ---              | 74.00          | 29.96       | 500.00          | 100.0       | V   | 10.00         | -3           |
| 1526.50         | 45.00            | ---              | 74.00          | 29.00       | 500.00          | 100.0       | V   | 202.00        | -2           |
| 1686.00         | ---              | 32.97            | 54.00          | 21.03       | 500.00          | 200.0       | H   | 3.00          | -2           |
| 2045.50         | 46.29            | ---              | 74.00          | 27.71       | 500.00          | 200.0       | H   | 0.00          | 1            |
| 2059.50         | ---              | 34.73            | 54.00          | 19.27       | 500.00          | 100.0       | H   | 355.00        | 1            |
| 2366.00         | ---              | 35.70            | 54.00          | 18.30       | 500.00          | 100.0       | V   | 104.00        | 2            |
| 2367.75         | 47.55            | ---              | 74.00          | 26.45       | 500.00          | 200.0       | V   | 0.00          | 2            |
| 2997.50         | ---              | 37.50            | 54.00          | 16.50       | 500.00          | 100.0       | V   | 53.00         | 4            |
| 2997.75         | 49.09            | ---              | 74.00          | 24.91       | 500.00          | 100.0       | H   | 0.00          | 4            |

Note: The signal beyond the limit is carrier.

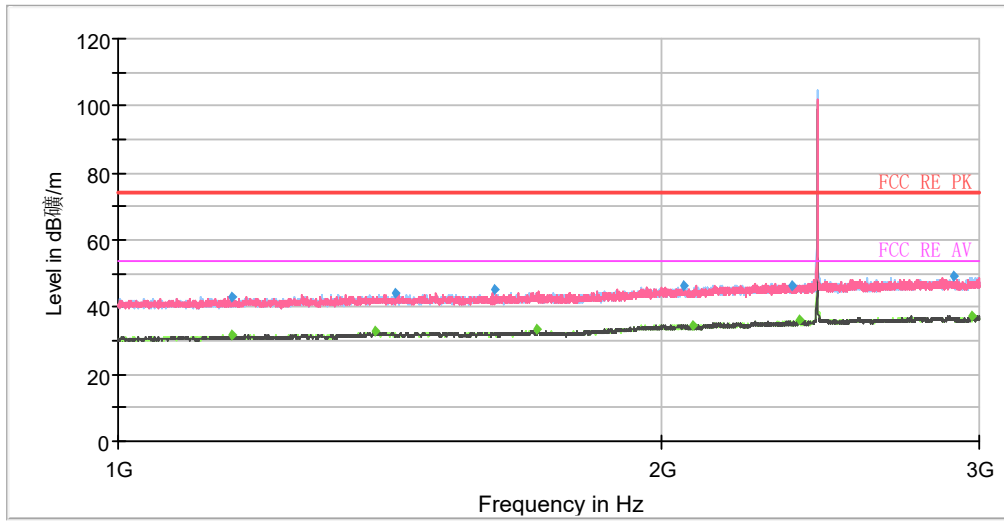
Radiates Emission from 1GHz to 3GHz



| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 3965.63         | ---              | 29.45            | 54.00          | 24.55       | 500.00          | 100.0       | V   | 9.00          | -4           |
| 3978.75         | 40.56            | ---              | 74.00          | 33.44       | 500.00          | 200.0       | H   | 151.00        | -4           |
| 5036.25         | 43.43            | ---              | 74.00          | 30.57       | 500.00          | 100.0       | H   | 192.00        | 0            |
| 5441.25         | ---              | 32.02            | 54.00          | 21.98       | 500.00          | 200.0       | H   | 295.00        | 0            |
| 7267.50         | ---              | 37.45            | 54.00          | 16.55       | 500.00          | 200.0       | H   | 3.00          | 5            |
| 7305.00         | 49.53            | ---              | 74.00          | 24.47       | 500.00          | 200.0       | H   | 6.00          | 6            |
| 8439.38         | ---              | 37.94            | 54.00          | 16.06       | 500.00          | 100.0       | V   | 126.00        | 6            |
| 9298.13         | 49.85            | ---              | 74.00          | 24.15       | 500.00          | 200.0       | V   | 347.00        | 7            |
| 9905.63         | ---              | 38.76            | 54.00          | 15.24       | 500.00          | 200.0       | H   | 0.00          | 7            |
| 11156.25        | 50.40            | ---              | 74.00          | 23.60       | 500.00          | 200.0       | V   | 80.00         | 9            |
| 13741.88        | ---              | 43.55            | 54.00          | 10.45       | 500.00          | 200.0       | V   | 358.00        | 12           |
| 13788.75        | 55.44            | ---              | 74.00          | 18.56       | 500.00          | 200.0       | V   | 297.00        | 12           |

Radiates Emission from 3GHz to 18GHz

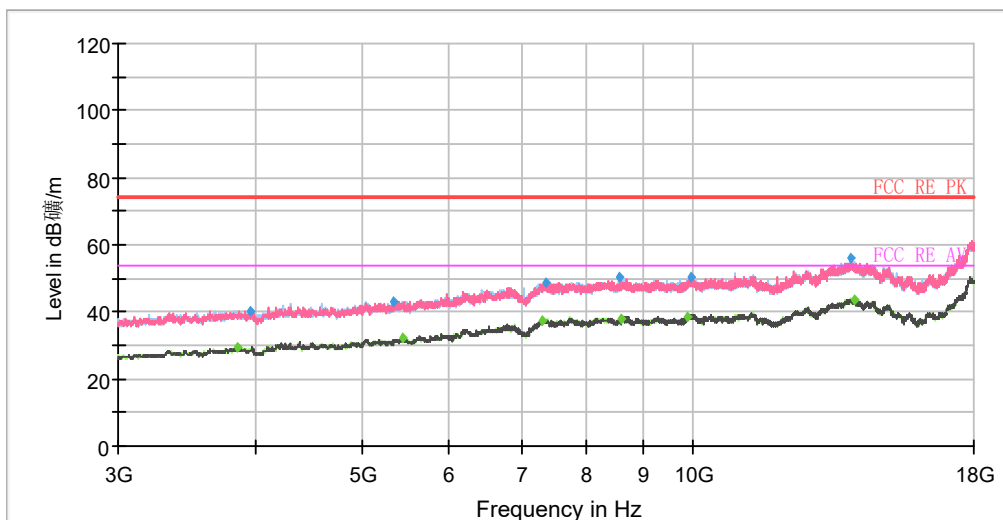
### 3DH5-Channel 39



| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1155.75         | ---              | 31.58            | 54.00          | 22.42       | 500.00          | 200.0       | H   | 45.00         | -4           |
| 1157.25         | 43.26            | ---              | 74.00          | 30.74       | 500.00          | 100.0       | V   | 9.00          | -4           |
| 1388.50         | ---              | 32.57            | 54.00          | 21.43       | 500.00          | 100.0       | H   | 356.00        | -3           |
| 1422.75         | 43.88            | ---              | 74.00          | 30.12       | 500.00          | 200.0       | H   | 22.00         | -3           |
| 1617.50         | 45.17            | ---              | 74.00          | 28.83       | 500.00          | 200.0       | H   | 0.00          | -2           |
| 1704.00         | ---              | 33.21            | 54.00          | 20.79       | 500.00          | 100.0       | H   | 306.00        | -2           |
| 2057.75         | 46.21            | ---              | 74.00          | 27.79       | 500.00          | 100.0       | V   | 233.00        | 1            |
| 2079.75         | ---              | 34.54            | 54.00          | 19.46       | 500.00          | 100.0       | H   | 324.00        | 0            |
| 2363.75         | 46.57            | ---              | 74.00          | 27.43       | 500.00          | 200.0       | V   | 59.00         | 2            |
| 2385.75         | ---              | 36.01            | 54.00          | 17.99       | 500.00          | 100.0       | V   | 1.00          | 2            |
| 2905.50         | 49.25            | ---              | 74.00          | 24.75       | 500.00          | 100.0       | H   | 20.00         | 3            |
| 2974.00         | ---              | 37.32            | 54.00          | 16.68       | 500.00          | 100.0       | H   | 282.00        | 4            |

Note: The signal beyond the limit is carrier.

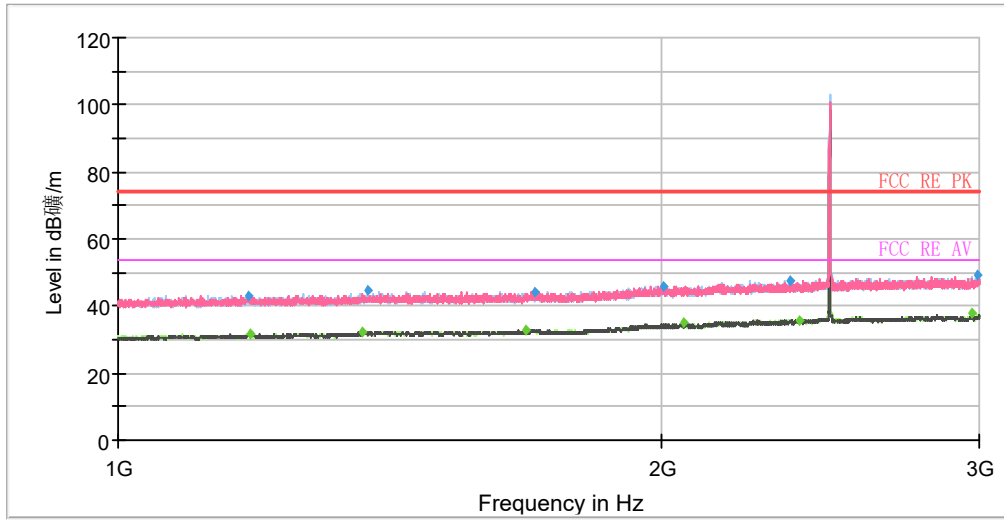
Radiates Emission from 1GHz to 3GHz



| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 3845.63         | ---              | 29.62            | 54.00          | 24.38       | 500.00          | 100.0       | H   | 202.00        | -4           |
| 3960.00         | 40.45            | ---              | 74.00          | 33.55       | 500.00          | 200.0       | V   | 82.00         | -4           |
| 5343.75         | 43.04            | ---              | 74.00          | 30.96       | 500.00          | 200.0       | H   | 14.00         | 0            |
| 5445.00         | ---              | 32.08            | 54.00          | 21.92       | 500.00          | 200.0       | H   | 44.00         | 0            |
| 7297.50         | ---              | 37.50            | 54.00          | 16.50       | 500.00          | 200.0       | V   | 265.00        | 6            |
| 7340.63         | 48.73            | ---              | 74.00          | 25.27       | 500.00          | 100.0       | V   | 338.00        | 5            |
| 8553.75         | 50.18            | ---              | 74.00          | 23.82       | 500.00          | 100.0       | H   | 50.00         | 6            |
| 8613.75         | ---              | 37.68            | 54.00          | 16.32       | 500.00          | 200.0       | H   | 4.00          | 7            |
| 9898.13         | ---              | 38.77            | 54.00          | 15.23       | 500.00          | 100.0       | V   | 55.00         | 7            |
| 9961.88         | 50.41            | ---              | 74.00          | 23.59       | 500.00          | 200.0       | V   | 305.00        | 7            |
| 13933.13        | 56.08            | ---              | 74.00          | 17.92       | 500.00          | 100.0       | V   | 0.00          | 12           |
| 14026.88        | ---              | 43.38            | 54.00          | 10.62       | 500.00          | 200.0       | V   | 353.00        | 12           |

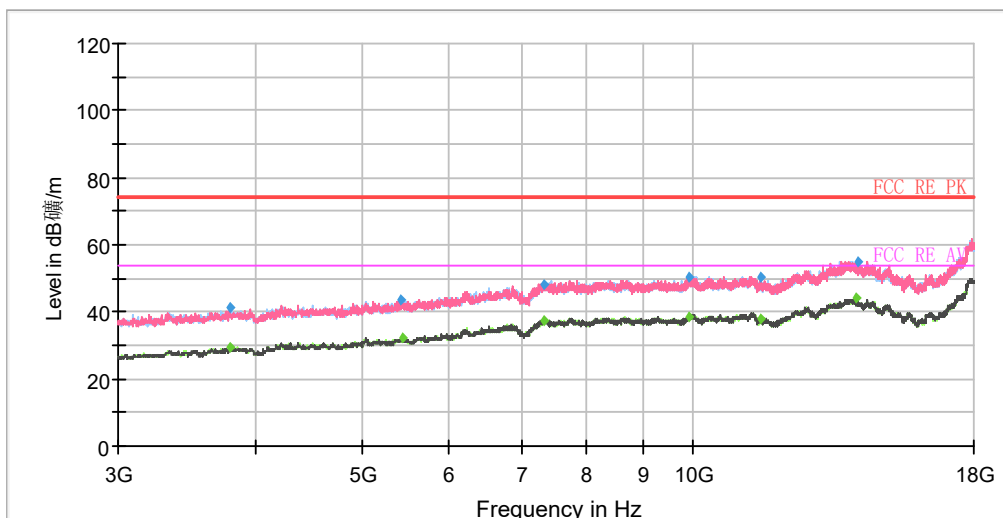
Radiates Emission from 3GHz to 18GHz

### 3DH5-Channel 78



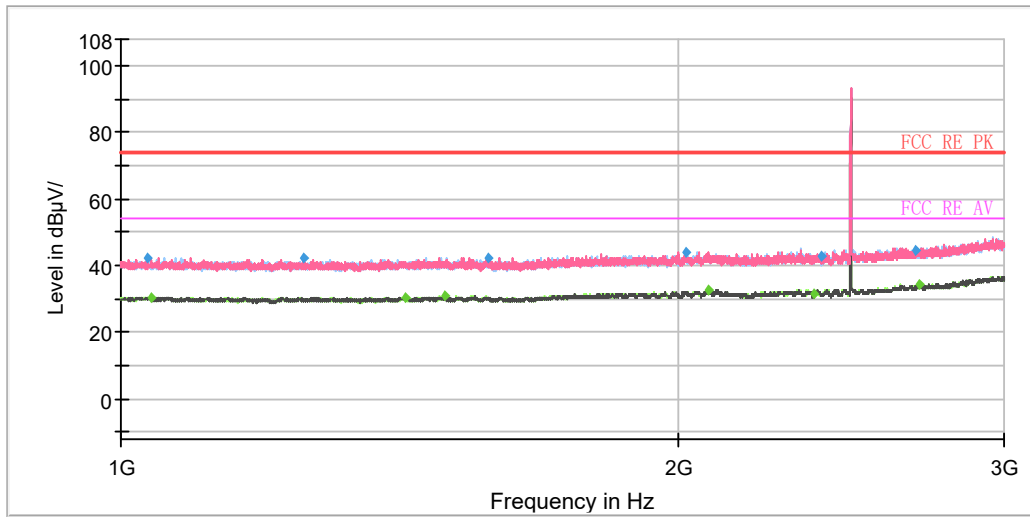
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1180.50         | 43.26            | ---              | 74.00          | 30.74       | 500.00          | 100.0       | V   | 4.00          | -4           |
| 1183.50         | ---              | 31.73            | 54.00          | 22.27       | 500.00          | 200.0       | V   | 20.00         | -4           |
| 1365.75         | ---              | 32.35            | 54.00          | 21.65       | 500.00          | 100.0       | H   | 292.00        | -3           |
| 1375.75         | 44.75            | ---              | 74.00          | 29.25       | 500.00          | 100.0       | H   | 5.00          | -3           |
| 1680.25         | ---              | 32.97            | 54.00          | 21.03       | 500.00          | 100.0       | H   | 356.00        | -2           |
| 1701.50         | 44.35            | ---              | 74.00          | 29.65       | 500.00          | 200.0       | H   | 214.00        | -2           |
| 2003.50         | 46.05            | ---              | 74.00          | 27.95       | 500.00          | 200.0       | H   | 2.00          | 1            |
| 2057.50         | ---              | 34.81            | 54.00          | 19.19       | 500.00          | 100.0       | H   | 358.00        | 1            |
| 2357.50         | 47.27            | ---              | 74.00          | 26.73       | 500.00          | 200.0       | V   | 142.00        | 2            |
| 2383.25         | ---              | 35.84            | 54.00          | 18.16       | 500.00          | 100.0       | V   | 91.00         | 2            |
| 2971.25         | ---              | 37.69            | 54.00          | 16.31       | 500.00          | 100.0       | V   | 12.00         | 4            |
| 2993.50         | 49.01            | ---              | 74.00          | 24.99       | 500.00          | 100.0       | H   | 304.00        | 4            |

Note: The signal beyond the limit is carrier.  
Radiates Emission from 1GHz to 3GHz



| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 3795.00         | 41.17            | ---              | 74.00          | 32.83       | 500.00          | 200.0       | V   | 13.00         | -5           |
| 3796.88         | ---              | 29.23            | 54.00          | 24.77       | 500.00          | 100.0       | H   | 347.00        | -5           |
| 5420.63         | 43.40            | ---              | 74.00          | 30.60       | 500.00          | 100.0       | V   | 17.00         | 0            |
| 5443.13         | ---              | 32.31            | 54.00          | 21.69       | 500.00          | 200.0       | H   | 103.00        | 0            |
| 7310.63         | 48.19            | ---              | 74.00          | 25.81       | 500.00          | 100.0       | V   | 4.00          | 5            |
| 7325.63         | ---              | 37.61            | 54.00          | 16.39       | 500.00          | 200.0       | V   | 342.00        | 5            |
| 9903.75         | ---              | 38.64            | 54.00          | 15.36       | 500.00          | 100.0       | H   | 269.00        | 7            |
| 9937.50         | 50.25            | ---              | 74.00          | 23.75       | 500.00          | 200.0       | H   | 73.00         | 7            |
| 11503.13        | ---              | 38.17            | 54.00          | 15.83       | 500.00          | 100.0       | H   | 319.00        | 9            |
| 11505.00        | 50.30            | ---              | 74.00          | 23.70       | 500.00          | 200.0       | V   | 328.00        | 9            |
| 14068.13        | ---              | 44.10            | 54.00          | 9.90        | 500.00          | 200.0       | V   | 269.00        | 12           |
| 14115.00        | 55.01            | ---              | 74.00          | 18.99       | 500.00          | 200.0       | V   | 359.00        | 12           |

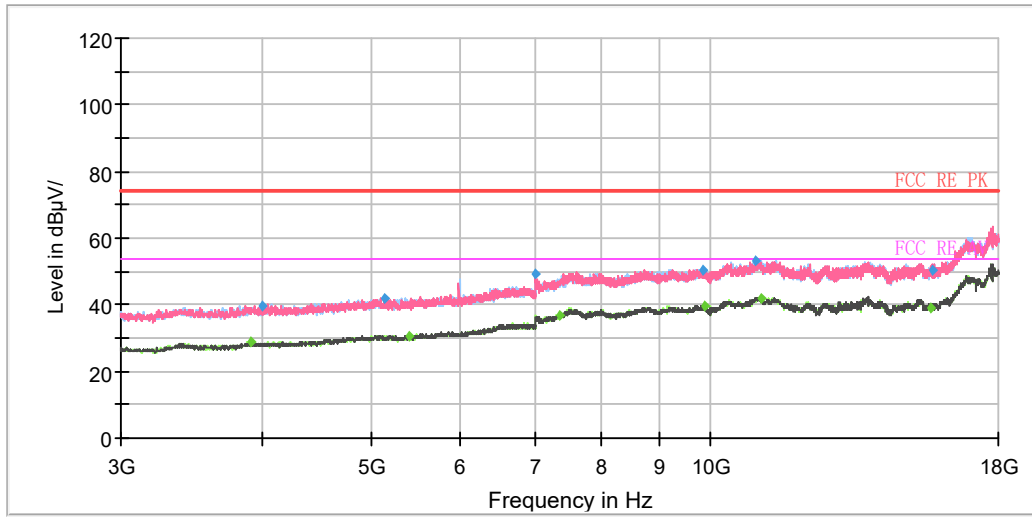
Radiates Emission from 3GHz to 18GHz

**Configuration 2:**
**3DH5-Channel 78**


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1033.75         | 42.29            | ---              | 74.00          | 31.71       | 500.00          | 100.0       | V   | 358.00        | -6           |
| 1039.25         | ---              | 30.58            | 54.00          | 23.42       | 500.00          | 200.0       | H   | 0.00          | -6           |
| 1255.50         | 42.08            | ---              | 74.00          | 31.92       | 500.00          | 200.0       | V   | 229.00        | -5           |
| 1424.75         | ---              | 30.60            | 54.00          | 23.40       | 500.00          | 100.0       | H   | 12.00         | -5           |
| 1495.25         | ---              | 31.15            | 54.00          | 22.85       | 500.00          | 100.0       | V   | 356.00        | -5           |
| 1578.75         | 42.42            | ---              | 74.00          | 31.58       | 500.00          | 200.0       | H   | 356.00        | -5           |
| 2020.00         | 44.25            | ---              | 74.00          | 29.75       | 500.00          | 100.0       | H   | 12.00         | -4           |
| 2075.25         | ---              | 32.53            | 54.00          | 21.47       | 500.00          | 200.0       | V   | 2.00          | -4           |
| 2369.50         | ---              | 31.73            | 54.00          | 22.27       | 500.00          | 200.0       | V   | 47.00         | -2           |
| 2389.50         | 42.83            | ---              | 74.00          | 31.18       | 500.00          | 200.0       | H   | 0.00          | -2           |
| 2690.00         | 44.51            | ---              | 74.00          | 29.49       | 500.00          | 200.0       | H   | 0.00          | 0            |
| 2701.75         | ---              | 34.17            | 54.00          | 19.83       | 500.00          | 200.0       | V   | 112.00        | 0            |



Radiates Emission from 3GHz to 18GHz

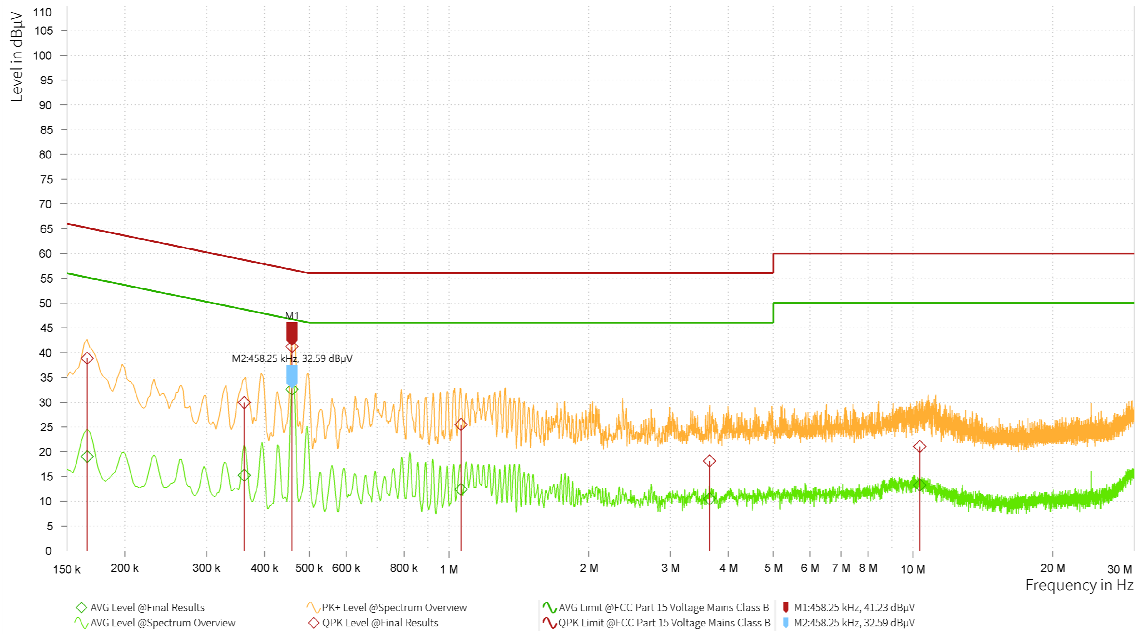
| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 3907.50         | ---              | 28.87            | 54.00          | 25.13       | 500.00          | 200.0       | H   | 40.00         | -7           |
| 3997.50         | 39.82            | ---              | 74.00          | 34.18       | 500.00          | 100.0       | V   | 288.00        | -7           |
| 5137.50         | 42.09            | ---              | 74.00          | 31.91       | 500.00          | 200.0       | H   | 0.00          | -6           |
| 5401.88         | ---              | 30.76            | 54.00          | 23.24       | 500.00          | 100.0       | H   | 293.00        | -5           |
| 7001.25         | 49.24            | ---              | 74.00          | 24.76       | 500.00          | 100.0       | V   | 259.00        | 0            |
| 7335.00         | ---              | 36.89            | 54.00          | 17.11       | 500.00          | 200.0       | V   | 266.00        | 1            |
| 9832.50         | 50.64            | ---              | 74.00          | 23.36       | 500.00          | 100.0       | H   | 238.00        | 3            |
| 9888.75         | ---              | 39.78            | 54.00          | 14.22       | 500.00          | 100.0       | V   | 14.00         | 3            |
| 10940.63        | 53.46            | ---              | 74.00          | 20.54       | 500.00          | 100.0       | H   | 0.00          | 6            |
| 11086.88        | ---              | 42.15            | 54.00          | 11.85       | 500.00          | 200.0       | H   | 359.00        | 7            |
| 15703.13        | ---              | 39.14            | 54.00          | 14.86       | 500.00          | 100.0       | H   | 10.00         | 6            |
| 15721.88        | 50.33            | ---              | 74.00          | 23.67       | 500.00          | 100.0       | H   | 48.00         | 6            |

## 2. Conducted Emission

### 2.1. Bluetooth

#### Configuration 2:

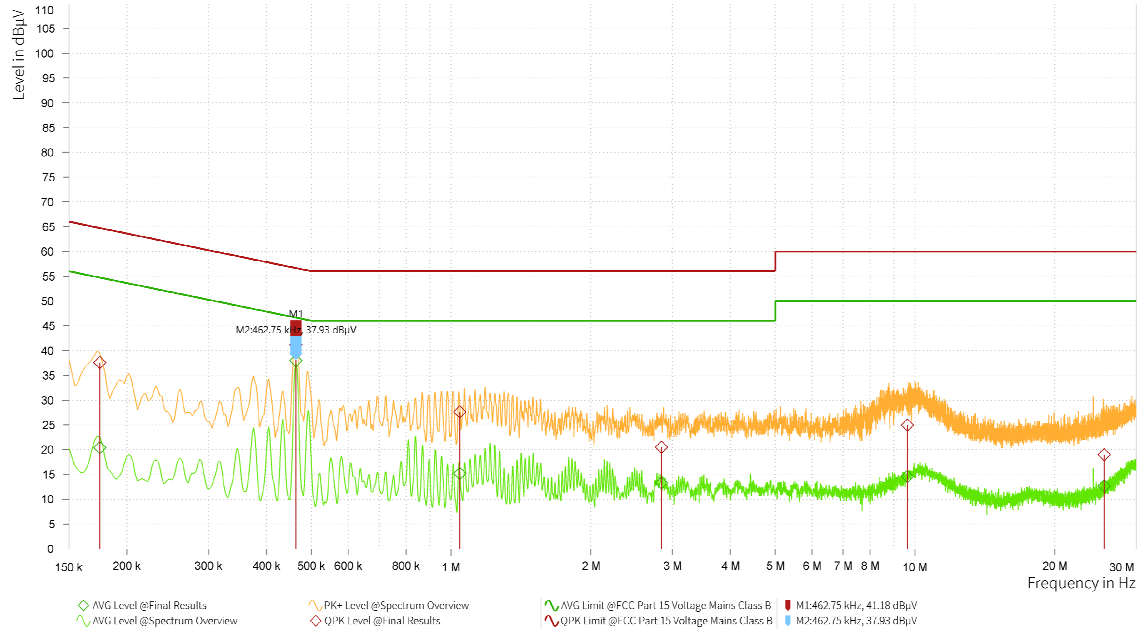
During the test, the Conducted Emission was performed in all modes with all channels. The test data of the worst-case condition was recorded in this report.



| Frequency [MHz] | QPK Level [dBμV] | QPK Limit [dBμV] | QPK Margin [dB] | AVG Level [dBμV] | AVG Limit [dBμV] | AVG Margin [dB] | Correction [dB] | Line | Meas. BW [kHz] | Meas. Time [s] |
|-----------------|------------------|------------------|-----------------|------------------|------------------|-----------------|-----------------|------|----------------|----------------|
| 0.166           | 38.85            | 65.17            | 26.32           | 19.02            | 55.17            | 36.15           | 20.89           | L1   | 9.000          | 1.000          |
| 0.362           | 29.92            | 58.69            | 28.78           | 15.22            | 48.69            | 33.47           | 20.91           | L1   | 9.000          | 1.000          |
| 0.458           | 41.23            | 56.72            | 15.49           | 32.59            | 46.72            | 14.13           | 20.82           | L1   | 9.000          | 1.000          |
| 1.061           | 25.47            | 56.00            | 30.53           | 12.40            | 46.00            | 33.60           | 20.11           | L1   | 9.000          | 1.000          |
| 3.644           | 18.11            | 56.00            | 37.89           | 10.48            | 46.00            | 35.52           | 19.44           | L1   | 9.000          | 1.000          |
| 10.347          | 21.05            | 60.00            | 38.95           | 13.23            | 50.00            | 36.77           | 19.42           | L1   | 9.000          | 1.000          |

**Remark: Correct factor=cable loss + LISN factor**

L line Conducted Emission from 150 kHz to 30 MHz



| Frequency [MHz] | QPK Level [dBµV] | QPK Limit [dBµV] | QPK Margin [dB] | AVG Level [dBµV] | AVG Limit [dBµV] | AVG Margin [dB] | Correction [dB] | Line | Meas. BW [kHz] | Meas. Time [s] |
|-----------------|------------------|------------------|-----------------|------------------|------------------|-----------------|-----------------|------|----------------|----------------|
| 0.175           | 37.56            | 64.73            | 27.17           | 20.41            | 54.73            | 34.32           | 21.04           | N    | 9.000          | 1.000          |
| 0.463           | 41.18            | 56.64            | 15.46           | 37.93            | 46.64            | 8.71            | 20.82           | N    | 9.000          | 1.000          |
| 1.043           | 27.61            | 56.00            | 28.39           | 15.17            | 46.00            | 30.83           | 20.14           | N    | 9.000          | 1.000          |
| 2.843           | 20.48            | 56.00            | 35.52           | 13.30            | 46.00            | 32.70           | 19.51           | N    | 9.000          | 1.000          |
| 9.638           | 24.97            | 60.00            | 35.03           | 14.55            | 50.00            | 35.45           | 19.43           | N    | 9.000          | 1.000          |
| 25.582          | 18.95            | 60.00            | 41.05           | 12.65            | 50.00            | 37.35           | 19.87           | N    | 9.000          | 1.000          |

Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 kHz to 30 MHz