

## Test Graphs





3DH5 Ant1 High 2480



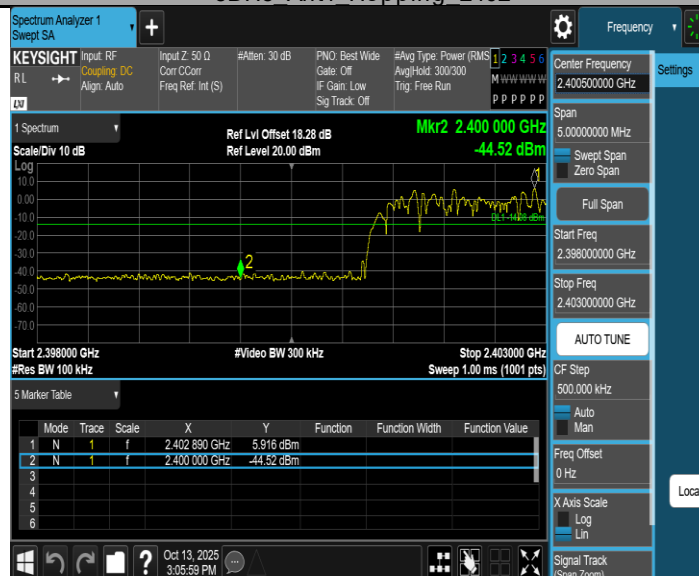
DH5 Ant1 Hopping 2402



DH5 Ant1 Hopping 2480



3DH5 Ant1 Hopping 2402



3DH5 Ant1 Hopping 2480

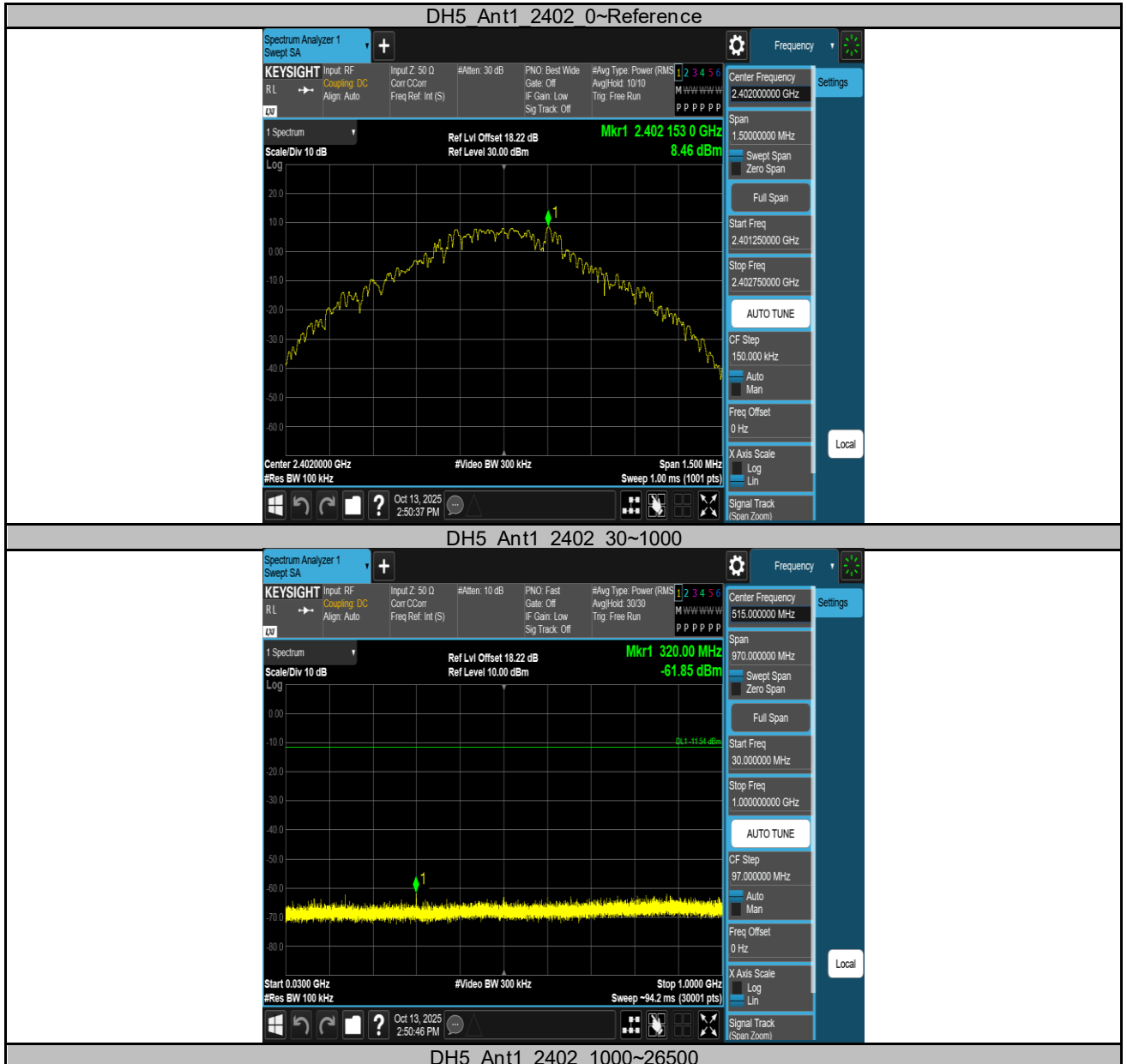


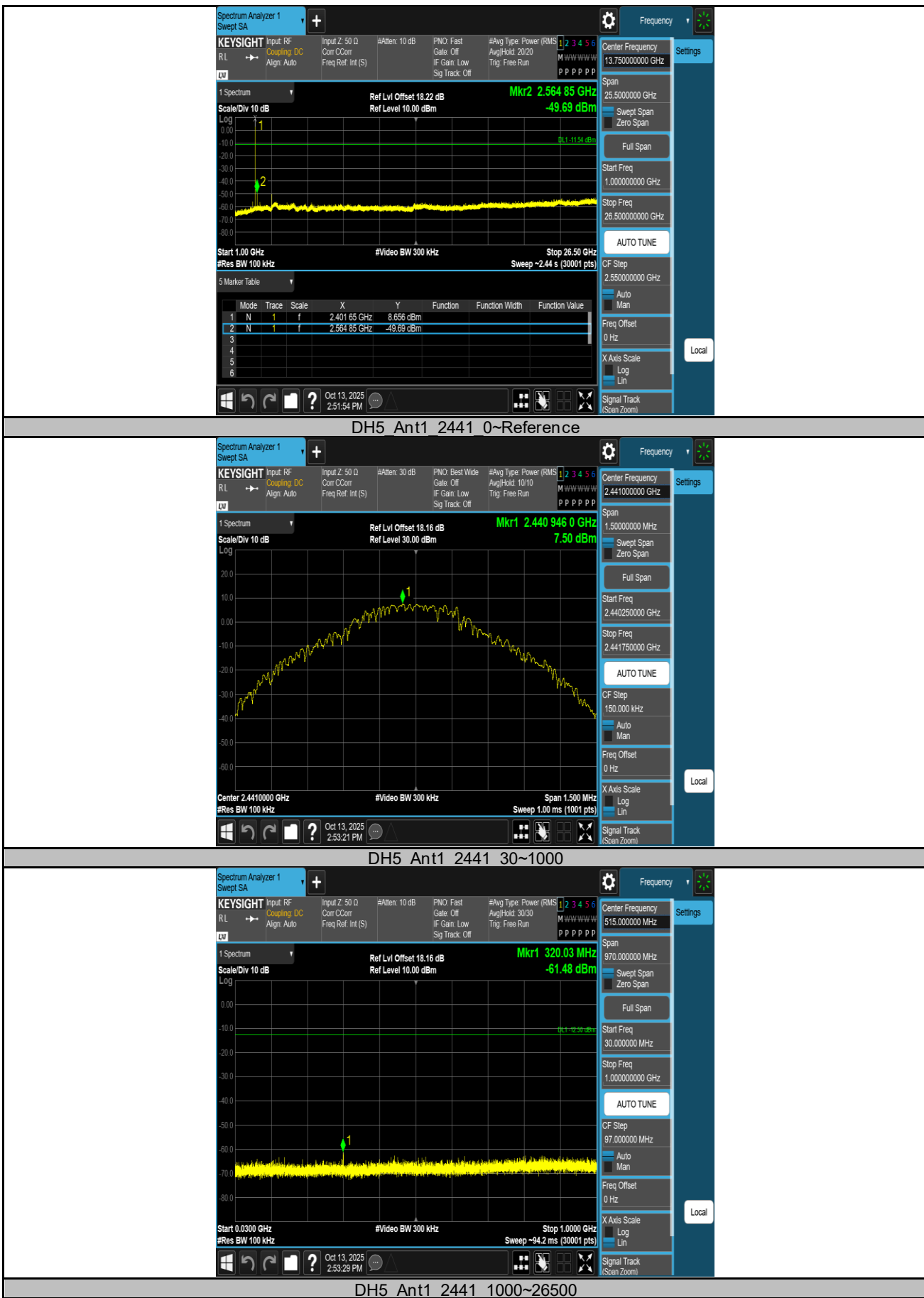
## Appendix A.7: Test Results of Conducted Spurious Emission

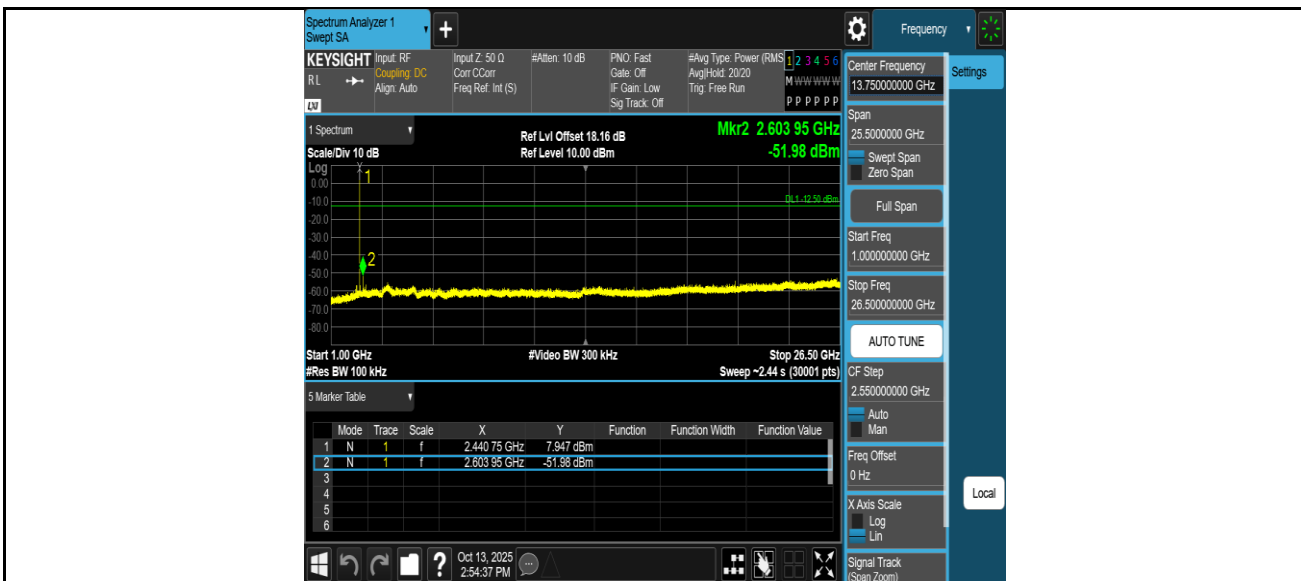
### Test Result

| TestMode | Antenna | Channel | FreqRange<br>[MHz] | RefLevel<br>[dBm] | Result<br>[dBm] | Limit<br>[dBm] | Verdict |
|----------|---------|---------|--------------------|-------------------|-----------------|----------------|---------|
| DH5      | Ant1    | 2402    | Reference          | 8.46              | 8.46            | ---            | PASS    |
|          |         |         | 30~1000            | 8.46              | -61.86          | ≤-11.54        | PASS    |
|          |         |         | 1000~26500         | 8.46              | -49.69          | ≤-11.54        | PASS    |
|          |         | 2441    | Reference          | 7.50              | 7.50            | ---            | PASS    |
|          |         |         | 30~1000            | 7.50              | -61.48          | ≤-12.5         | PASS    |
|          |         |         | 1000~26500         | 7.50              | -51.98          | ≤-12.5         | PASS    |
|          |         | 2480    | Reference          | 7.65              | 7.65            | ---            | PASS    |
|          |         |         | 30~1000            | 7.65              | -60.44          | ≤-12.35        | PASS    |
|          |         |         | 1000~26500         | 7.65              | -52.4           | ≤-12.35        | PASS    |
| 3DH5     | Ant1    | 2402    | Reference          | 6.31              | 6.31            | ---            | PASS    |
|          |         |         | 30~1000            | 6.31              | -62.17          | ≤-13.69        | PASS    |
|          |         |         | 1000~26500         | 6.31              | -51.32          | ≤-13.69        | PASS    |
|          |         | 2441    | Reference          | 7.26              | 7.26            | ---            | PASS    |
|          |         |         | 30~1000            | 7.26              | -62.04          | ≤-12.74        | PASS    |
|          |         |         | 1000~26500         | 7.26              | -52.26          | ≤-12.74        | PASS    |
|          |         | 2480    | Reference          | 7.68              | 7.68            | ---            | PASS    |
|          |         |         | 30~1000            | 7.68              | -61.89          | ≤-12.32        | PASS    |
|          |         |         | 1000~26500         | 7.68              | -52.47          | ≤-12.32        | PASS    |

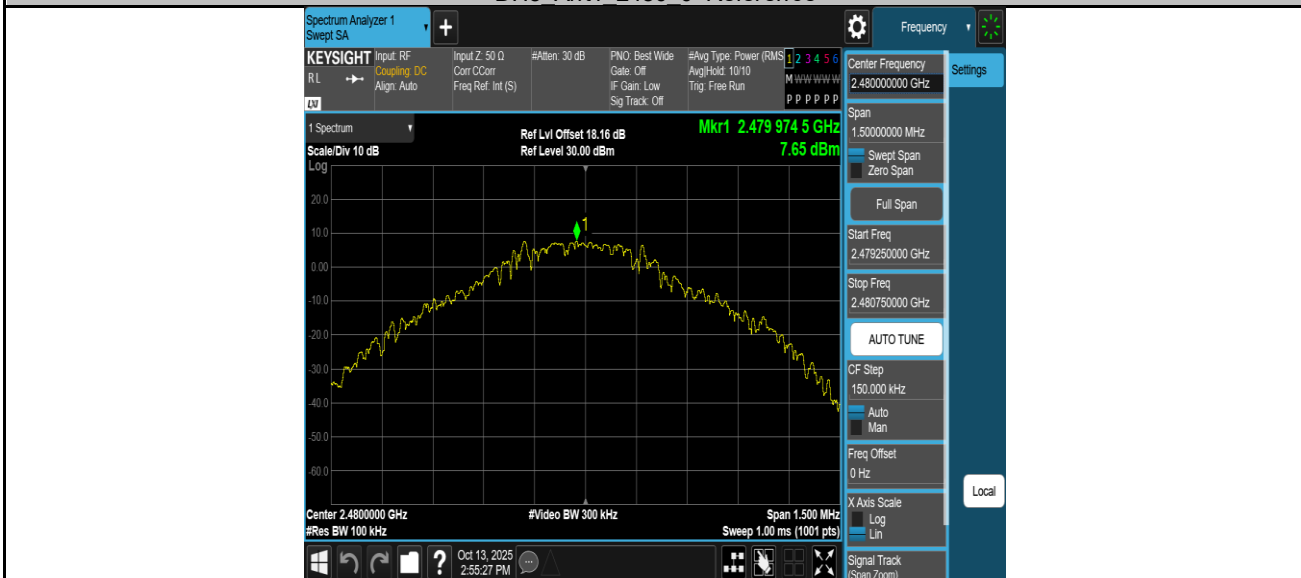
Test Graphs



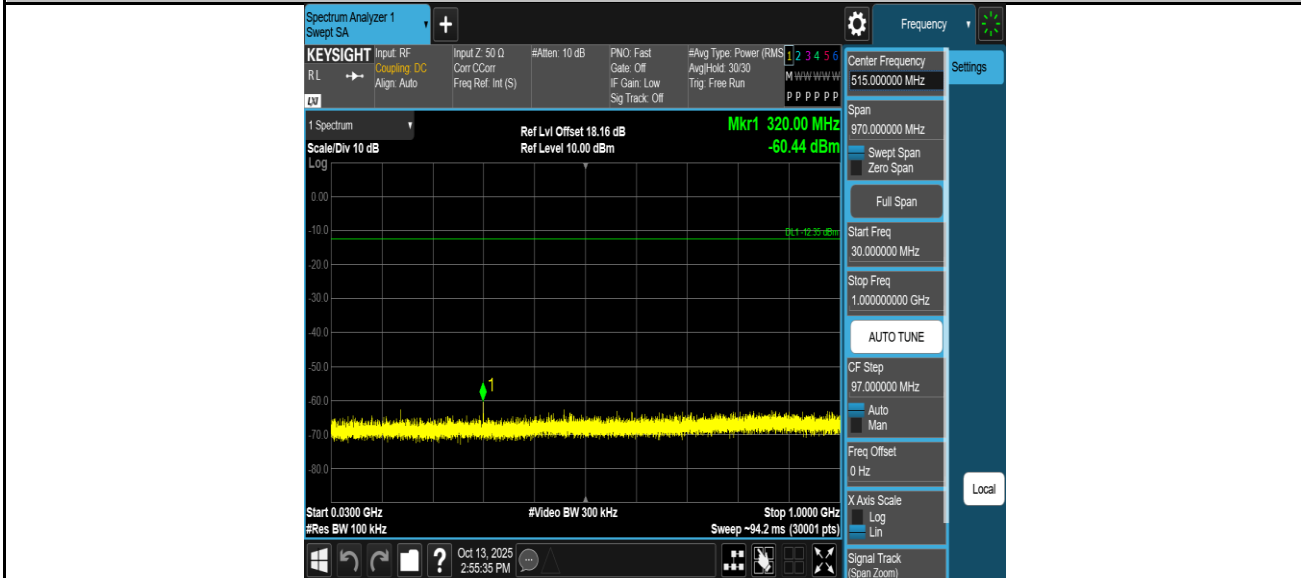




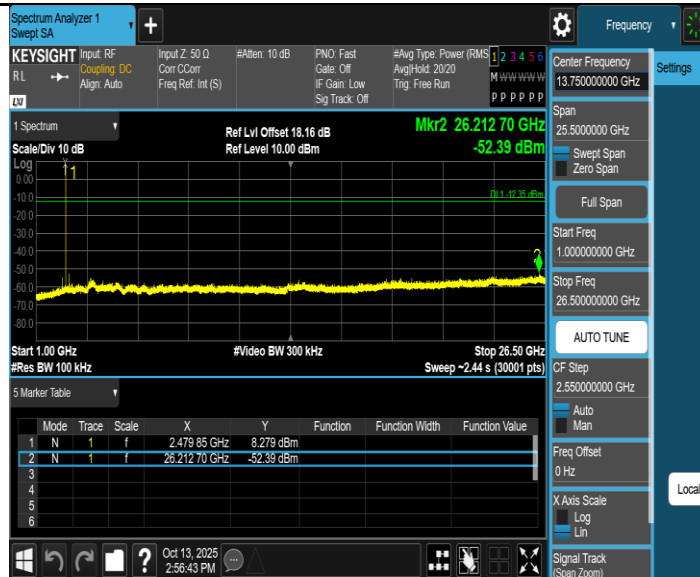
DH5 Ant1 2480 0~Reference



DH5 Ant1 2480 30~1000



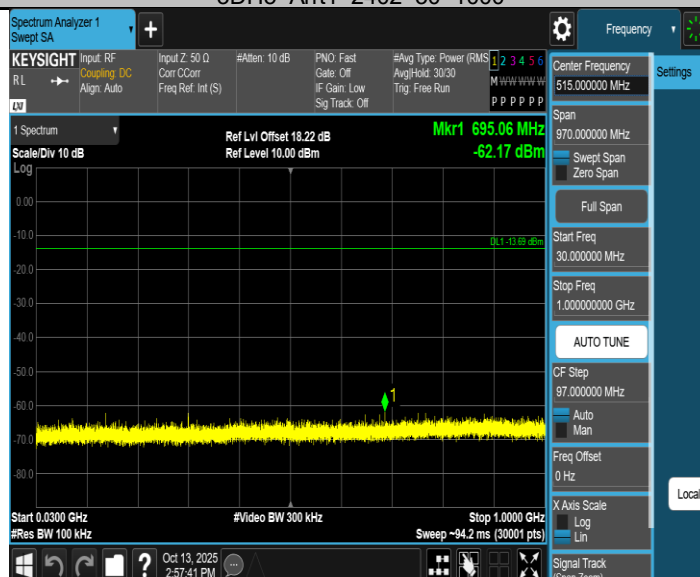
DH5 Ant1 2480 1000~26500



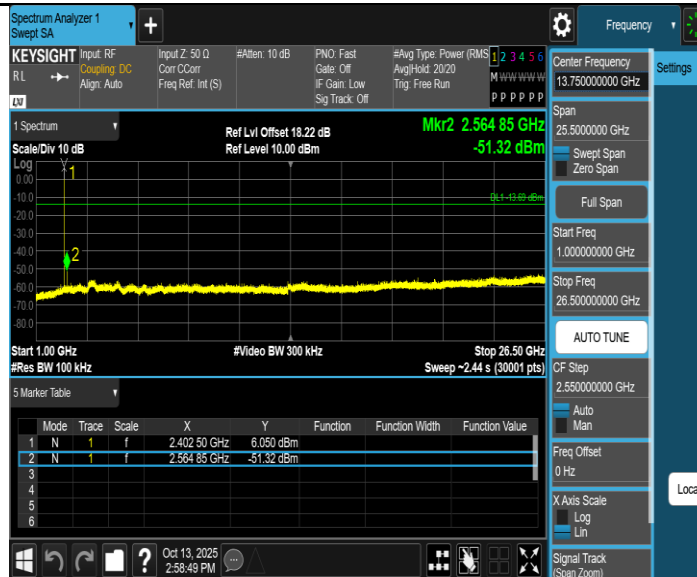
3DH5 Ant1 2402 0~Reference



3DH5 Ant1 2402 30~1000



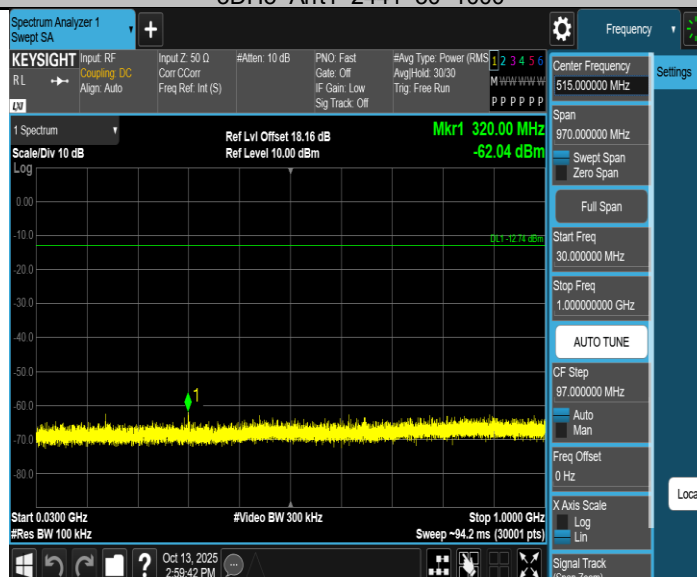
3DH5 Ant1 2402 1000~26500



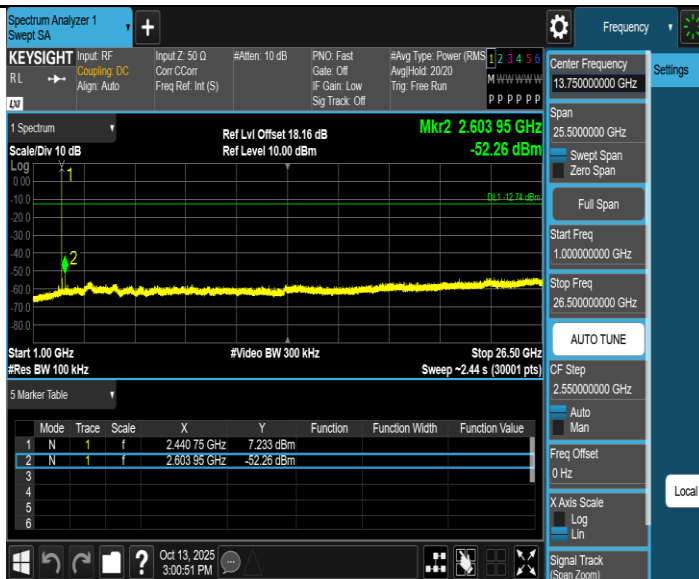
3DH5 Ant1 2441 0~Reference



3DH5 Ant1 2441 30~1000



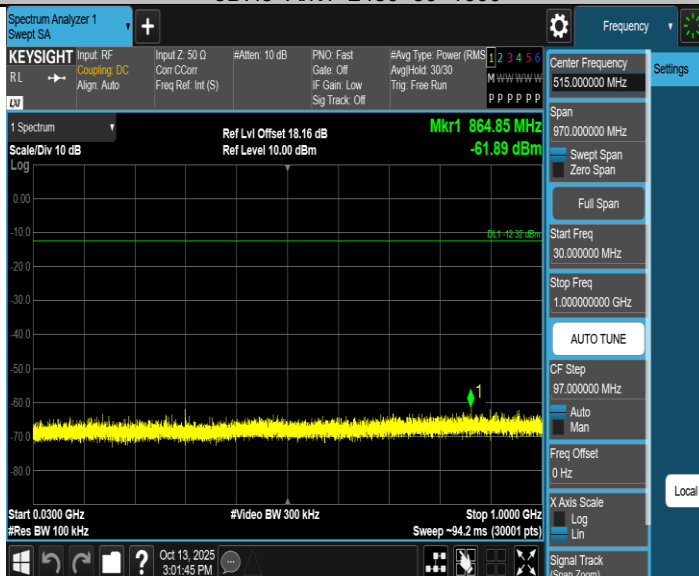
3DH5 Ant1 2441 1000~26500



3DH5 Ant1 2480 0~Reference



3DH5 Ant1 2480 30~1000



3DH5 Ant1 2480 1000~26500



## Appendix A.8: Test Results of Radiated Spurious Emissions

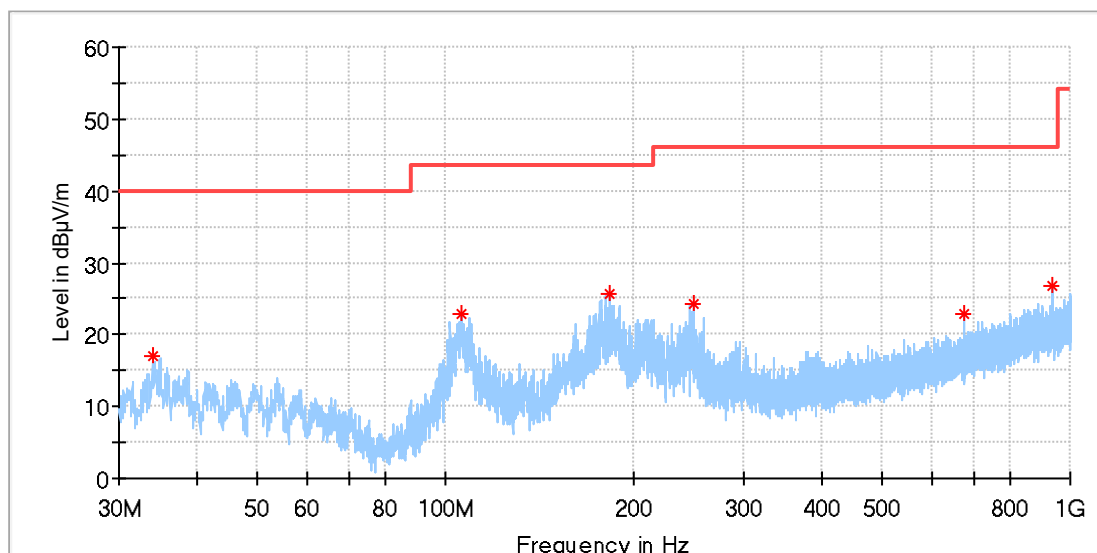
Note:

- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30 MHz - 1GHz

### EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | WIFI+BT Module           |
| Model:              | WKXT0QM2511              |
| Test Mode:          | BR_DH5_Mid channel       |
| Order No/Sample No: | 168570821/A004089979-001 |
| Test Voltage:       | DC 5V From USB           |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



### Critical\_Freqs

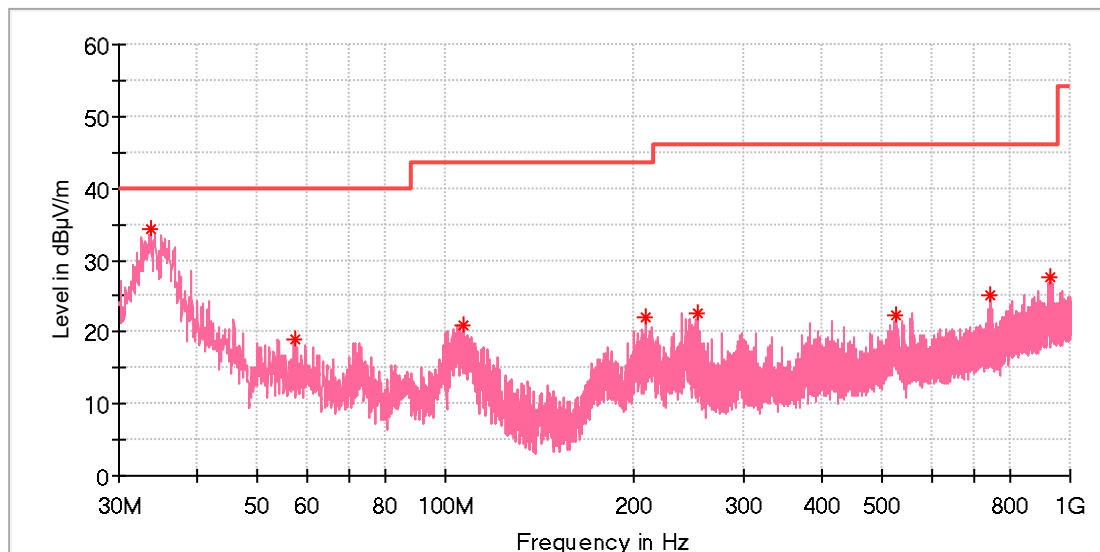
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 33.954615       | 16.88            | 40.00          | 23.12       | 100.0       | H   | 0.0           | -22.3        |
| 105.995769      | 22.76            | 43.50          | 20.74       | 100.0       | H   | 223.0         | -19.0        |
| 182.588462      | 25.58            | 43.50          | 17.92       | 100.0       | H   | 18.0          | -20.3        |
| 250.451154      | 24.33            | 46.00          | 21.67       | 100.0       | H   | 42.0          | -17.3        |
| 675.385769      | 22.75            | 46.00          | 23.25       | 100.0       | H   | 104.0         | -8.4         |
| 938.442308      | 26.84            | 46.00          | 19.16       | 100.0       | H   | 200.0         | -4.4         |

### Final Result

| Frequency (MHz) | QuasiPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---                | ---            | ---         | ---         | --- | ---           | ---          |

## EUT Information

EUT Name: WIFI+BT Module  
Model: WKXT0QM2511  
Test Mode: BR\_DH5\_Mid channel  
Order No/Sample No: 168570821/A004089979-001  
Test Voltage: DC 5V From USB  
Remark: Temp 23 Humi:56%  
Test Standard: FCC 15.247  
Tested By: Kei Zhang  
Reviewed By: Terry Yin



## Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 33.693462       | 34.27            | 40.00          | 5.73        | 100.0       | V   | 330.0         | -22.4        |
| 57.234615       | 18.86            | 40.00          | 21.14       | 100.0       | V   | 109.0         | -18.8        |
| 106.555385      | 21.04            | 43.50          | 22.46       | 100.0       | V   | 97.0          | -19.0        |
| 208.480000      | 22.11            | 43.50          | 21.39       | 100.0       | V   | 109.0         | -18.9        |
| 253.323846      | 22.74            | 46.00          | 23.26       | 100.0       | V   | 109.0         | -17.3        |
| 525.968462      | 22.43            | 46.00          | 23.57       | 100.0       | V   | 202.0         | -11.3        |
| 745.710769      | 24.99            | 46.00          | 21.01       | 100.0       | V   | 128.0         | -7.1         |
| 928.369231      | 27.73            | 46.00          | 18.27       | 100.0       | V   | 86.0          | -4.5         |

## Final\_Result

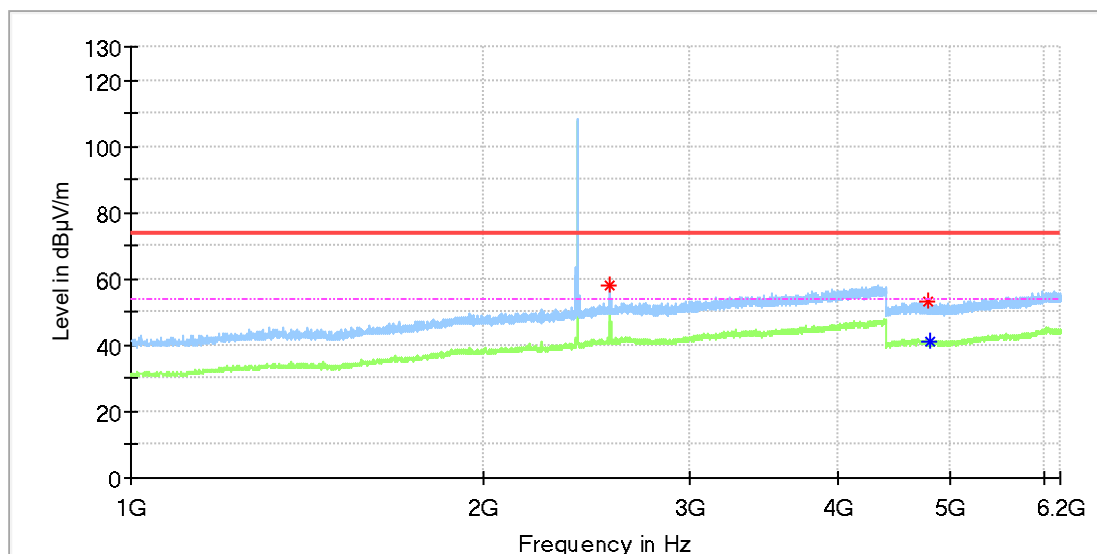
| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|----------------|-------------|-------------|-----|---------------|--------------|
| --              | --                 | --             | --          | --          | --  | --            | --           |

1GHz - 18GHz

Note: The highest waveform in the figure is Bluetooth Fundamental.

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | WIFI+BT Module           |
| Model:              | WKXT0QM2511              |
| Test Mode:          | BR_DH5_Low channel       |
| Order No/Sample No: | 168570821/A004089979-001 |
| Test Voltage:       | DC 5V From USB           |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

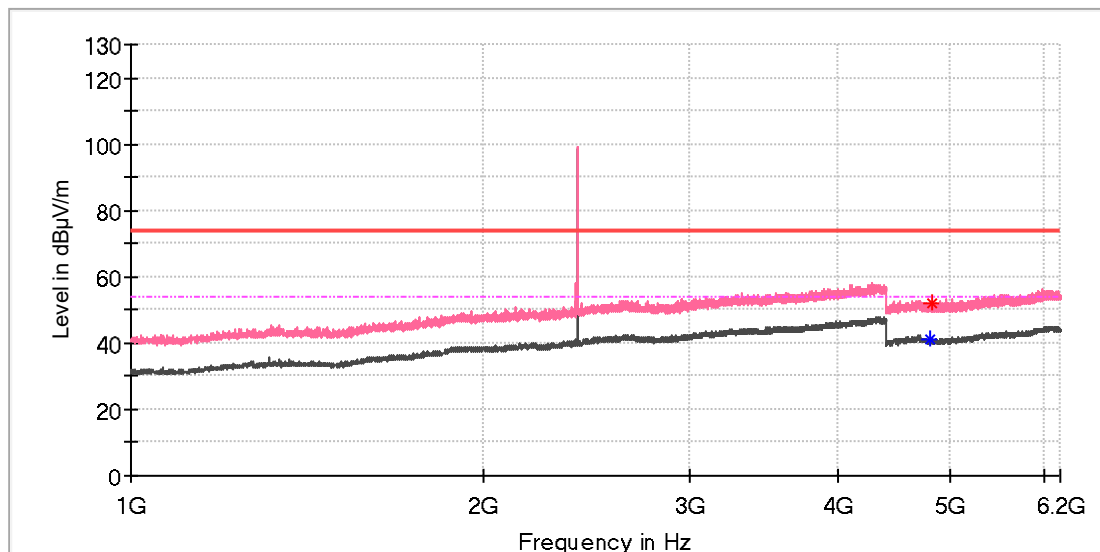
| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 2561.500000        | 57.85               | ---                 | 68.20             | 10.35          | 150.0          | H   | 146.0            | 9.5             |
| 4775.000000        | 53.02               | ---                 | 74.00             | 20.98          | 150.0          | H   | 294.0            | 13.3            |
| 4804.000000        | ---                 | 41.23               | 54.00             | 12.77          | 150.0          | H   | 108.0            | 13.3            |

## Final Result

[illegible]

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | WIFI+BT Module           |
| Model:              | WKXT0QM2511              |
| Test Mode:          | BR_DH5_Low channel       |
| Order No/Sample No: | 168570821/A004089979-001 |
| Test Voltage:       | DC 5V From USB           |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

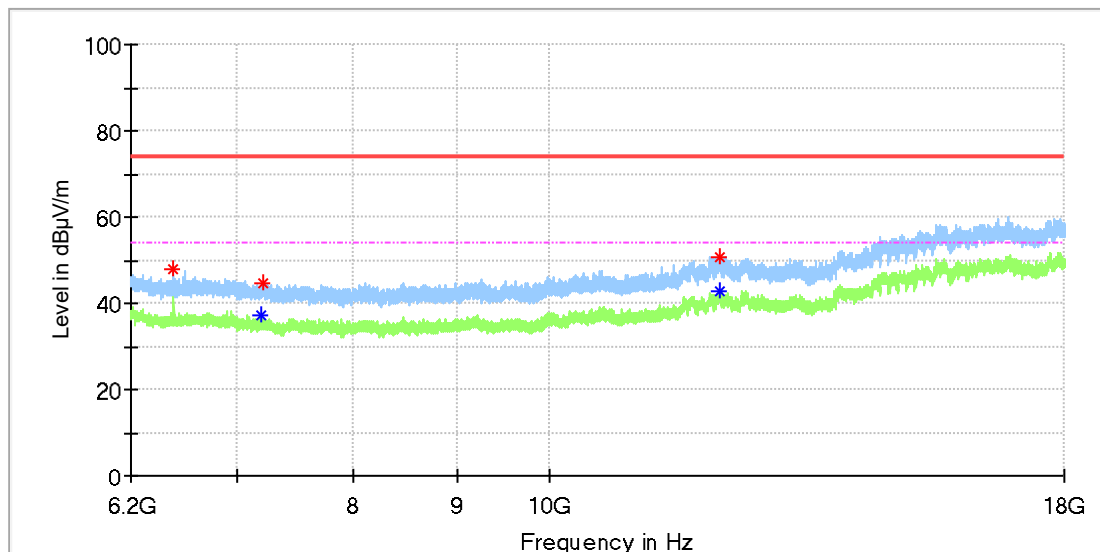
| Frequency<br>(MHz) | MaxPeak<br>(dBµV/m) | Average<br>(dBµV/m) | Limit<br>(dBµV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 4802.500000        | ---                 | 41.24               | 54.00             | 12.76          | 150.0          | V   | 24.0             | 13.3            |
| 4830.000000        | 52.08               | ---                 | 74.00             | 21.92          | 150.0          | V   | 70.0             | 13.3            |

## Final Result

| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 93.750000          | 93.750000           | 93.750000           | 93.750000         | 93.750000      | 93.750000      |     | 93.750000        | 93.750000       |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | WIFI+BT Module           |
| Model:              | WKXT0QM2511              |
| Test Mode:          | BR_DH5_Low channel       |
| Order No/Sample No: | 168570821/A004089979-001 |
| Test Voltage:       | DC 5V From USB           |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

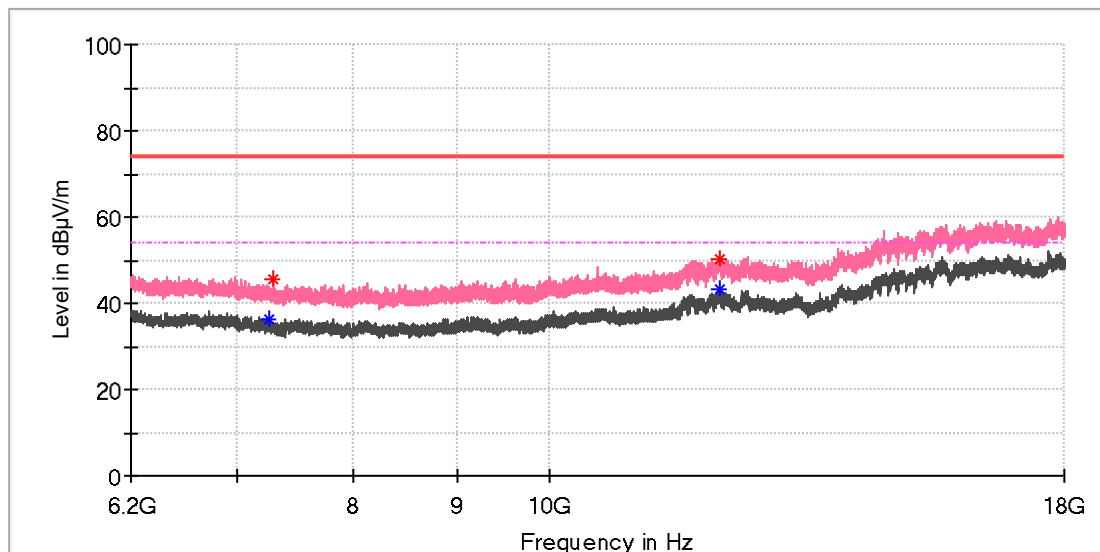
| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 6511.716667        | 48.05               | ---                 | 68.20             | 20.15          | 150.0          | H   | 53.0             | 8.8             |
| 7185.791667        | ---                 | 37.07               | 54.00             | 16.93          | 150.0          | H   | 152.0            | 8.8             |
| 7215.291667        | 44.72               | ---                 | 74.00             | 29.28          | 150.0          | H   | 282.0            | 8.7             |
| 12151.133333       | ---                 | 43.00               | 54.00             | 11.00          | 150.0          | H   | 8.0              | 16.7            |
| 12153.100000       | 50.89               | ---                 | 74.00             | 23.11          | 150.0          | H   | 86.0             | 16.6            |

## Final Result

| Frequency<br>(MHz) | MaxPeak<br>(dBµV/m) | Average<br>(dBµV/m) | Limit<br>(dBµV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 93.500000          | 93.500000           | 93.500000           | 93.500000         | 93.500000      | 93.500000      |     | 93.500000        |                 |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | WIFI+BT Module           |
| Model:              | WKXT0QM2511              |
| Test Mode:          | BR_DH5_Low channel       |
| Order No/Sample No: | 168570821/A004089979-001 |
| Test Voltage:       | DC 5V From USB           |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

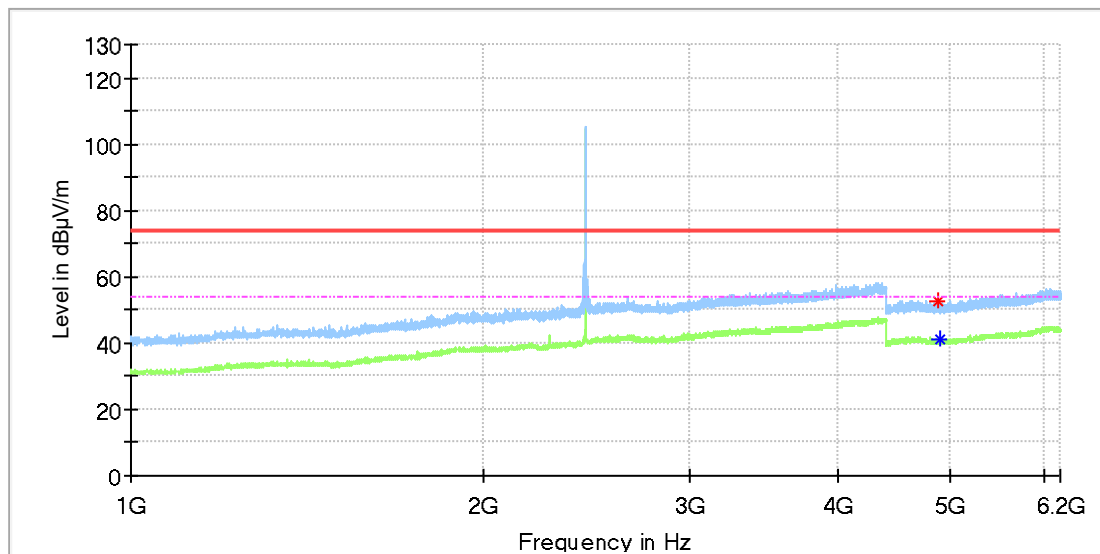
| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 7259.050000        | ---                 | 36.26               | 54.00             | 17.74          | 150.0          | V   | 140.0            | 8.5             |
| 7288.058333        | 45.61               | ---                 | 74.00             | 28.39          | 150.0          | V   | 245.0            | 8.4             |
| 12149.166667       | ---                 | 43.40               | 54.00             | 10.60          | 150.0          | V   | 222.0            | 16.7            |
| 12157.033333       | 50.45               | ---                 | 74.00             | 23.55          | 150.0          | V   | 199.0            | 16.4            |

## Final\_Result

[illegible]

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | WIFI+BT Module           |
| Model:              | WKXT0QM2511              |
| Test Mode:          | BR_DH5_Mid channel       |
| Order No/Sample No: | 168570821/A004089979-001 |
| Test Voltage:       | DC 5V From USB           |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

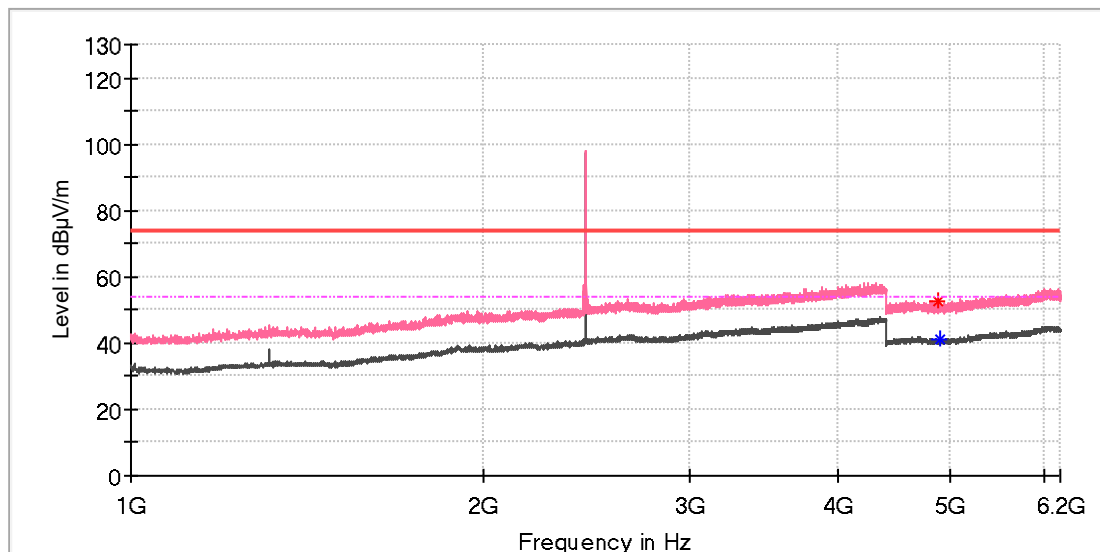
| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 4876.500000        | 52.58               | ---                 | 74.00             | 21.42          | 150.0          | H   | 205.0            | 13.3            |
| 4902.500000        | ---                 | 41.34               | 54.00             | 12.66          | 150.0          | H   | 356.0            | 13.3            |

## Final Result

| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 93.5-94.5          | 93.5-94.5           | 93.5-94.5           | 93.5-94.5         | 93.5-94.5      | 93.5-94.5      |     | 93.5-94.5        |                 |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | WIFI+BT Module           |
| Model:              | WKXT0QM2511              |
| Test Mode:          | BR_DH5_Mid channel       |
| Order No/Sample No: | 168570821/A004089979-001 |
| Test Voltage:       | DC 5V From USB           |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

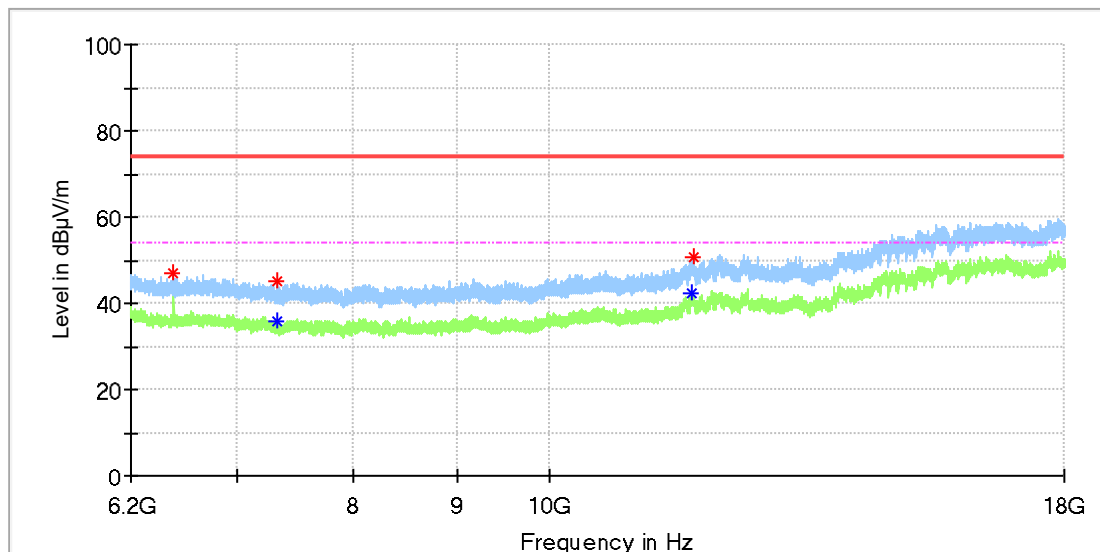
| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 4879.000000        | 52.77               | ---                 | 74.00             | 21.23          | 150.0          | V   | 343.0            | 13.3            |
| 4904.000000        | ---                 | 41.22               | 54.00             | 12.78          | 150.0          | V   | 44.0             | 13.3            |

## Final Result

| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 93.5-94.5          | 93.5-94.5           | 93.5-94.5           | 93.5-94.5         | 93.5-94.5      | 93.5-94.5      |     | 93.5-94.5        |                 |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | WIFI+BT Module           |
| Model:              | WKXT0QM2511              |
| Test Mode:          | BR_DH5_Mid channel       |
| Order No/Sample No: | 168570821/A004089979-001 |
| Test Voltage:       | DC 5V From USB           |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

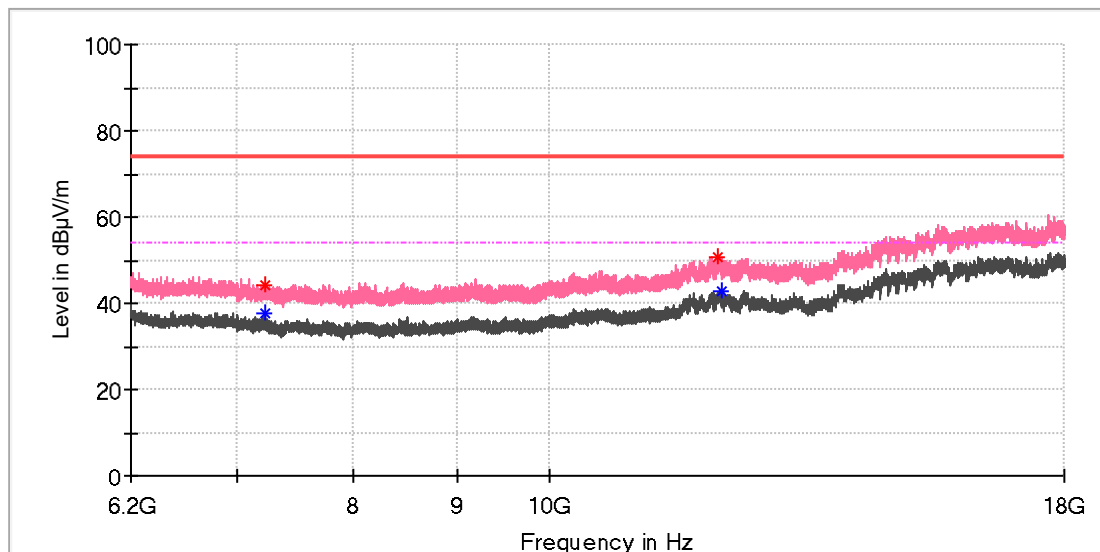
| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 6511.716667        | 46.76               | ---                 | 68.20             | 21.44          | 150.0          | H   | 54.0             | 8.8             |
| 7321.491667        | 45.14               | ---                 | 74.00             | 28.86          | 150.0          | H   | 120.0            | 8.2             |
| 7325.916667        | ---                 | 35.74               | 54.00             | 18.26          | 150.0          | H   | 203.0            | 8.2             |
| 11749.933333       | ---                 | 42.18               | 54.00             | 11.82          | 150.0          | H   | 288.0            | 15.5            |
| 11786.808333       | 50.59               | ---                 | 74.00             | 23.41          | 150.0          | H   | 44.0             | 15.0            |

## Final Result

| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 93.500000          | 93.500000           | 93.500000           | 93.500000         | 93.500000      | 93.500000      |     | 93.500000        |                 |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | WIFI+BT Module           |
| Model:              | WKXT0QM2511              |
| Test Mode:          | BR_DH5_Mid channel       |
| Order No/Sample No: | 168570821/A004089979-001 |
| Test Voltage:       | DC 5V From USB           |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

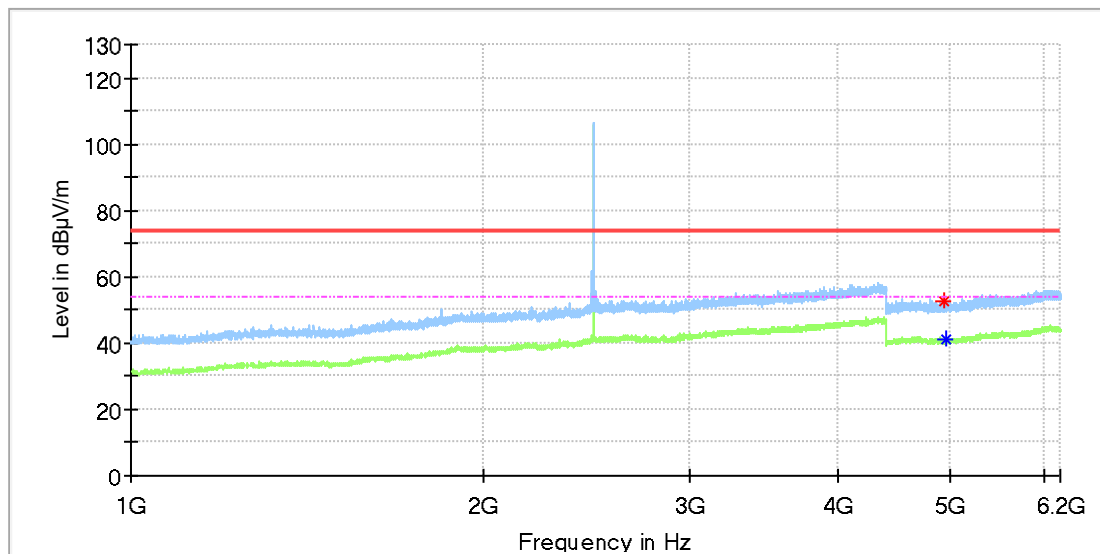
| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 7221.191667        | ---                 | 37.68               | 54.00             | 16.32          | 150.0          | V   | 316.0            | 8.7             |
| 7232.500000        | 44.02               | ---                 | 74.00             | 29.98          | 150.0          | V   | 226.0            | 8.6             |
| 12130.975000       | 50.49               | ---                 | 74.00             | 23.51          | 150.0          | V   | 155.0            | 16.2            |
| 12162.933333       | ---                 | 42.90               | 54.00             | 11.10          | 150.0          | V   | 72.0             | 16.1            |

## Final\_Result

[illegible]

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | WIFI+BT Module           |
| Model:              | WKXT0QM2511              |
| Test Mode:          | BR_DH5_High channel      |
| Order No/Sample No: | 168570821/A004089979-001 |
| Test Voltage:       | DC 5V From USB           |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

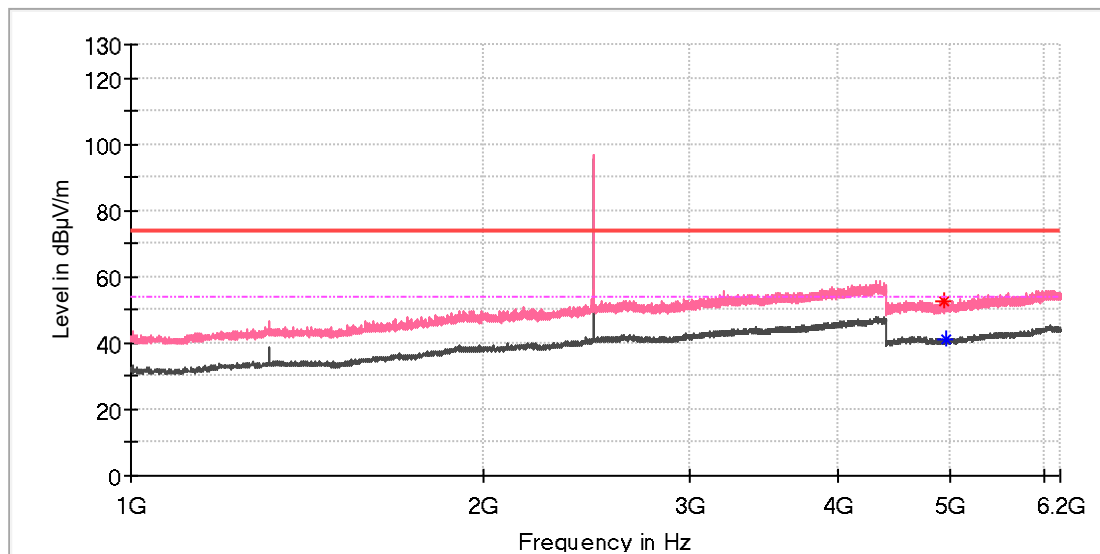
| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 4934.500000        | 52.60               | ---                 | 74.00             | 21.40          | 150.0          | H   | 3.0              | 13.3            |
| 4953.500000        | ---                 | 41.06               | 54.00             | 12.94          | 150.0          | H   | 104.0            | 13.3            |

## Final Result

| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 93.5-93.7          | 93.5-93.7           | 93.5-93.7           | 93.5-93.7         | 93.5-93.7      | 93.5-93.7      |     | 93.5-93.7        |                 |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | WIFI+BT Module           |
| Model:              | WKXT0QM2511              |
| Test Mode:          | BR_DH5_High channel      |
| Order No/Sample No: | 168570821/A004089979-001 |
| Test Voltage:       | DC 5V From USB           |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

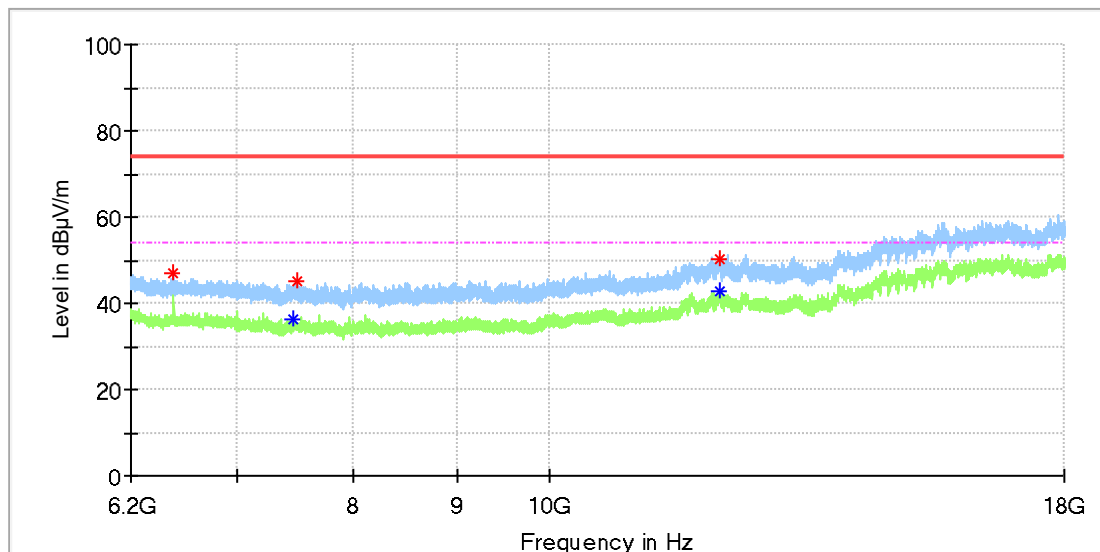
| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 4941.500000        | 52.53               | ---                 | 74.00             | 21.47          | 150.0          | V   | 43.0             | 13.3            |
| 4961.500000        | ---                 | 41.35               | 54.00             | 12.65          | 150.0          | V   | 82.0             | 13.3            |

## Final Result

| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 93.5-93.6          | 93.5-93.6           | 93.5-93.6           | 93.5-93.6         | 93.5-93.6      | 93.5-93.6      |     | 93.5-93.6        |                 |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | WIFI+BT Module           |
| Model:              | WKXT0QM2511              |
| Test Mode:          | BR_DH5_High channel      |
| Order No/Sample No: | 168570821/A004089979-001 |
| Test Voltage:       | DC 5V From USB           |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

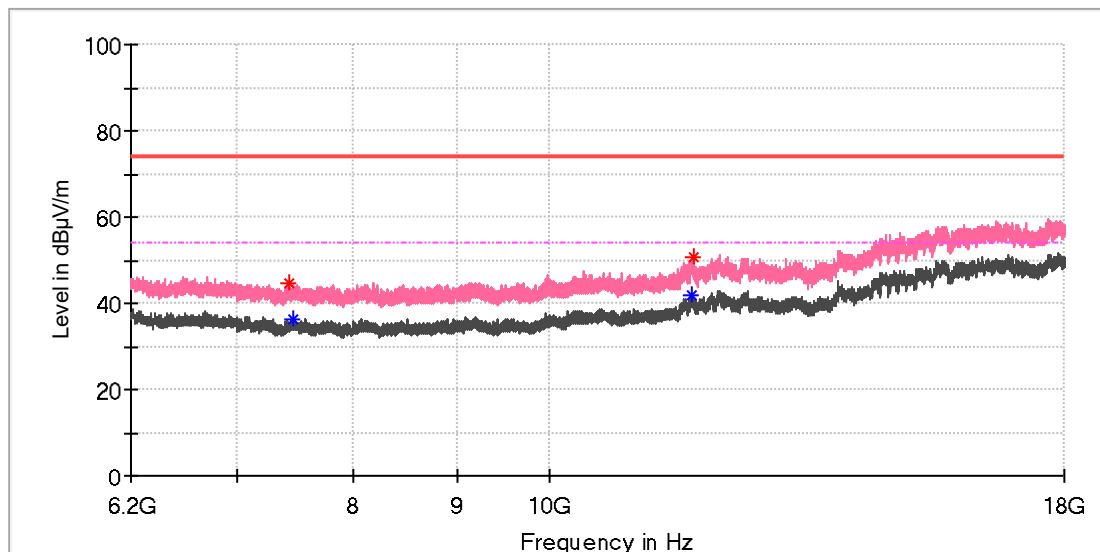
| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 6511.716667        | 46.97               | ---                 | 68.20             | 21.23          | 150.0          | H   | 194.0            | 8.8             |
| 7468.500000        | ---                 | 36.24               | 54.00             | 17.76          | 150.0          | H   | 0.0              | 8.6             |
| 7487.675000        | 44.92               | ---                 | 74.00             | 29.08          | 150.0          | H   | 264.0            | 8.7             |
| 12147.200000       | ---                 | 42.68               | 54.00             | 11.32          | 150.0          | H   | 127.0            | 16.7            |
| 12156.541667       | 50.35               | ---                 | 74.00             | 23.65          | 150.0          | H   | 104.0            | 16.4            |

## Final Result

| Frequency<br>(MHz) | MaxPeak<br>(dBµV/m) | Average<br>(dBµV/m) | Limit<br>(dBµV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 93.500000          | 93.500000           | 93.500000           | 93.500000         | 93.500000      | 93.500000      |     | 93.500000        |                 |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | WIFI+BT Module           |
| Model:              | WKXT0QM2511              |
| Test Mode:          | BR_DH5_High channel      |
| Order No/Sample No: | 168570821/A004089979-001 |
| Test Voltage:       | DC 5V From USB           |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 7432.116667        | 44.47               | ---                 | 74.00             | 29.53          | 150.0          | V   | 89.0             | 8.4             |
| 7455.225000        | ---                 | 36.23               | 54.00             | 17.77          | 150.0          | V   | 161.0            | 8.5             |
| 11750.916667       | ---                 | 41.91               | 54.00             | 12.09          | 150.0          | V   | 66.0             | 15.5            |
| 11784.841667       | 50.67               | ---                 | 74.00             | 23.33          | 150.0          | V   | 277.0            | 15.0            |

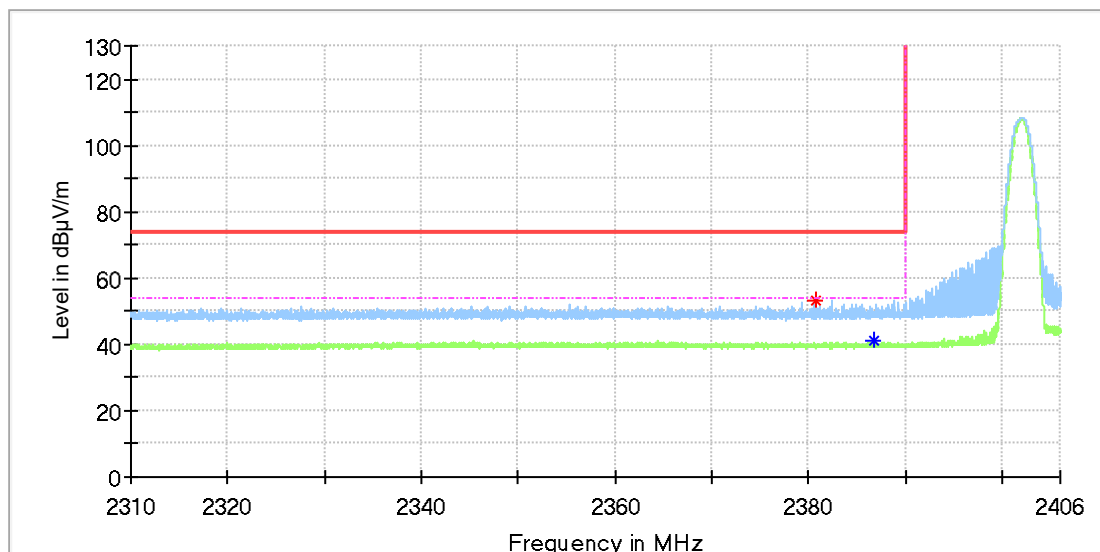
## Final\_Result

[illegible]

## Appendix A.9: Test Results of Radiated Emissions in Restricted Bands

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | WIFI+BT Module           |
| Model:              | WKXT0QM2511              |
| Test Mode:          | BR_DH5_Low channel       |
| Order No/Sample No: | 168570821/A004089979-001 |
| Test Voltage:       | DC 5V From USB           |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

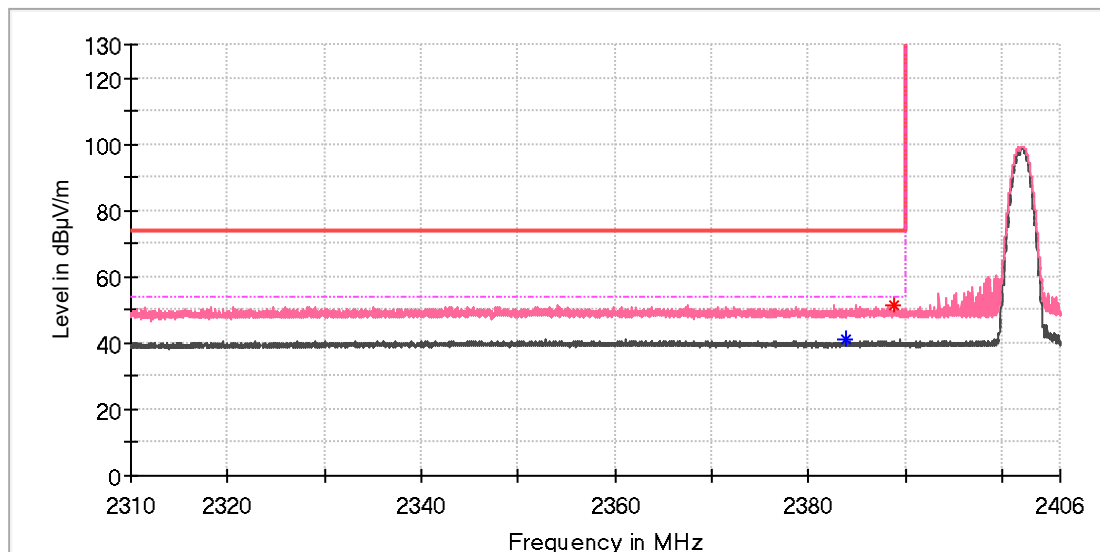
| Frequency<br>(MHz) | MaxPeak<br>(dBµV/m) | Average<br>(dBµV/m) | Limit<br>(dBµV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 2380.715294        | 53.33               | ---                 | 74.00             | 20.67          | 150.0          | H   | 2.0              | 8.5             |
| 2386.743529        | ---                 | 40.91               | 54.00             | 13.09          | 150.0          | H   | 67.0             | 8.5             |

## Final Result

| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 93.5-93.8          | 93.5-93.8           | 93.5-93.8           | 93.5-93.8         | 93.5-93.8      | 93.5-93.8      |     | 93.5-93.8        | 93.5-93.8       |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | WIFI+BT Module           |
| Model:              | WKXT0QM2511              |
| Test Mode:          | BR_DH5_Low channel       |
| Order No/Sample No: | 168570821/A004089979-001 |
| Test Voltage:       | DC 5V From USB           |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

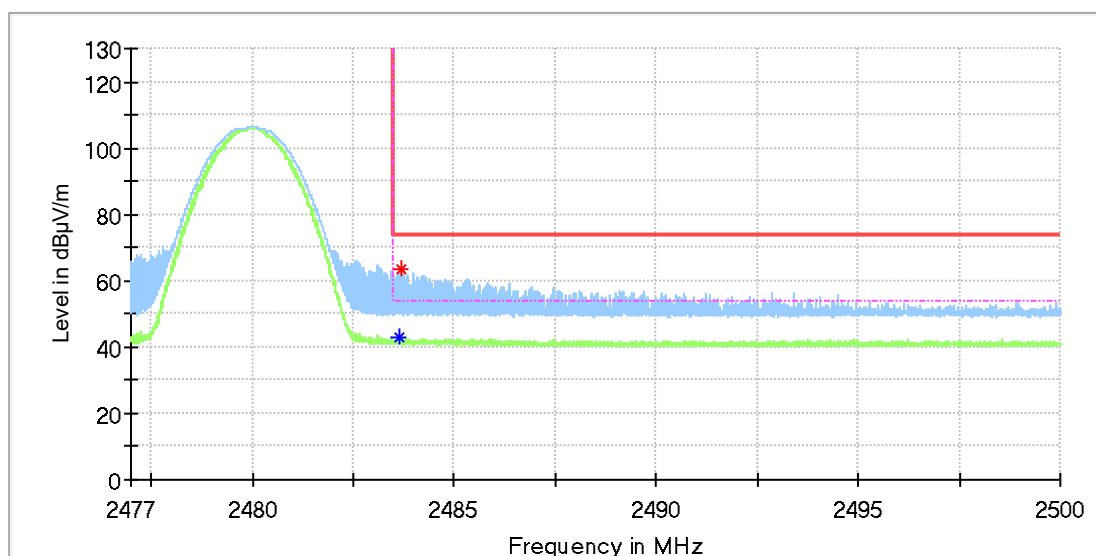
| Frequency<br>(MHz) | MaxPeak<br>(dBµV/m) | Average<br>(dBµV/m) | Limit<br>(dBµV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 2383.821177        | ---                 | 40.99               | 54.00             | 13.01          | 150.0          | V   | 48.0             | 8.5             |
| 2388.790588        | 51.59               | ---                 | 74.00             | 22.41          | 150.0          | V   | 205.0            | 8.5             |

## Final Result

| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 93.5-94.5          | 93.5-94.5           | 93.5-94.5           | 93.5-94.5         | 93.5-94.5      | 93.5-94.5      |     | 93.5-94.5        |                 |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | WiFi+BT Module           |
| Model:              | WKXT0QM2511              |
| Test Mode:          | BR_DH5_High channel      |
| Order No/Sample No: | 168570821/A004089979-001 |
| Test Voltage:       | DC 5V From USB           |
| Remark:             | Temp 23 Humi:56%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 2483.623530        | ---                 | 42.90               | 54.00             | 11.10          | 150.0          | H   | 25.0             | 9.0             |
| 2483.672059        | 63.38               | ---                 | 74.00             | 10.62          | 150.0          | H   | 69.0             | 9.0             |

## Final Result

| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 93.7               | 122.0               | 118.0               | 120.0             | 2.0            | 30.0           | V   | 0.0              | 0.0             |

