

## Appendix B: Test Results of Bluetooth Low Energy

|                                                                                   |           |
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## Appendix B.1: Test Results of 6dB Bandwidth

### Test Result

| TestMode | Antenna | Channel | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|----------|---------|---------|--------------|----------|----------|------------|---------|
| BLE_1M   | Ant1    | 2402    | 0.640        | 2401.672 | 2402.312 | 0.5        | PASS    |
|          |         | 2440    | 0.676        | 2439.676 | 2440.352 | 0.5        | PASS    |
|          |         | 2480    | 0.660        | 2479.664 | 2480.324 | 0.5        | PASS    |
| BLE_2M   | Ant1    | 2402    | 1.000        | 2401.484 | 2402.484 | 0.5        | PASS    |
|          |         | 2440    | 0.940        | 2439.452 | 2440.392 | 0.5        | PASS    |
|          |         | 2480    | 1.100        | 2479.460 | 2480.560 | 0.5        | PASS    |

Test Graphs





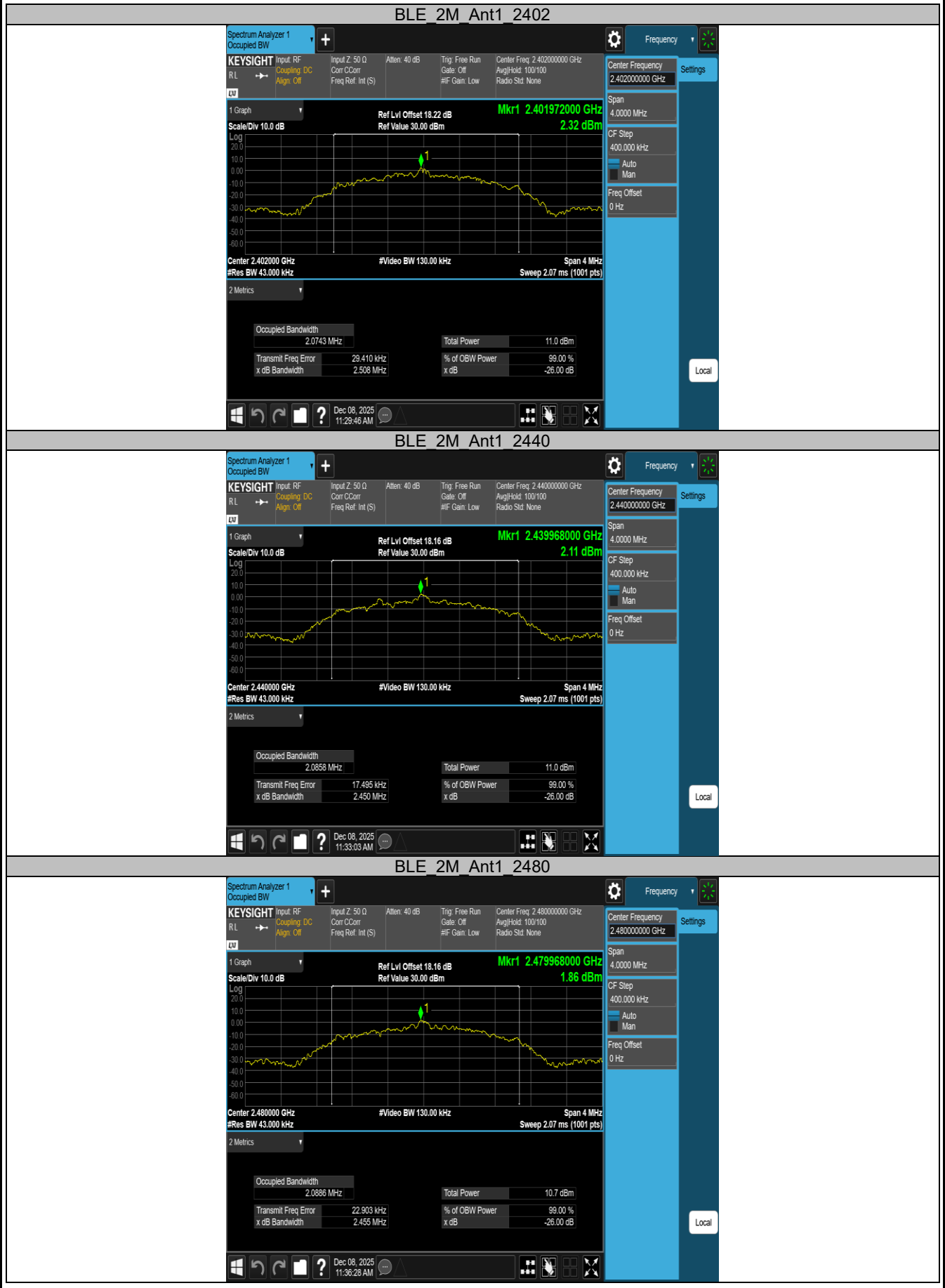
## Appendix B.2: Test Results of 99% Bandwidth

### Test Result

| TestMode | Antenna | Channel | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|----------|---------|---------|-----------|-----------|-----------|------------|---------|
| BLE_1M   | Ant1    | 2402    | 1.0431    | 2401.4844 | 2402.5275 | ---        | PASS    |
|          |         | 2440    | 1.0462    | 2439.4797 | 2440.5259 | ---        | PASS    |
|          |         | 2480    | 1.0456    | 2479.4850 | 2480.5306 | ---        | PASS    |
| BLE_2M   | Ant1    | 2402    | 2.0743    | 2400.9923 | 2403.0666 | ---        | PASS    |
|          |         | 2440    | 2.0858    | 2438.9746 | 2441.0604 | ---        | PASS    |
|          |         | 2480    | 2.0886    | 2478.9786 | 2481.0672 | ---        | PASS    |

Test Graphs





### Appendix B.3: Test Results of Conducted Power Spectral Density

#### Test Result

| TestMode | Antenna | Channel | Result[dBm/3-100kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|---------|----------------------|-----------------|---------|
| BLE_1M   | Ant1    | 2402    | -9.66                | ≤8.00           | PASS    |
|          |         | 2440    | -8.43                | ≤8.00           | PASS    |
|          |         | 2480    | -9.25                | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2402    | -12.09               | ≤8.00           | PASS    |
|          |         | 2440    | -12.42               | ≤8.00           | PASS    |
|          |         | 2480    | -13.03               | ≤8.00           | PASS    |

Test Graphs





## Appendix B.4: Test Results of Band Edge Measurements

### Test Result

| TestMode | Antenna | ChName | Channel | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|--------|---------|---------------|-------------|------------|---------|
| BLE_1M   | Ant1    | Low    | 2402    | 4.98          | -42.06      | ≤-15.02    | PASS    |
|          |         | High   | 2480    | 5.07          | -43.87      | ≤-14.93    | PASS    |
| BLE_2M   | Ant1    | Low    | 2402    | 4.51          | -28.77      | ≤-15.49    | PASS    |
|          |         | High   | 2480    | 4.71          | -41.55      | ≤-15.29    | PASS    |

Test Graphs



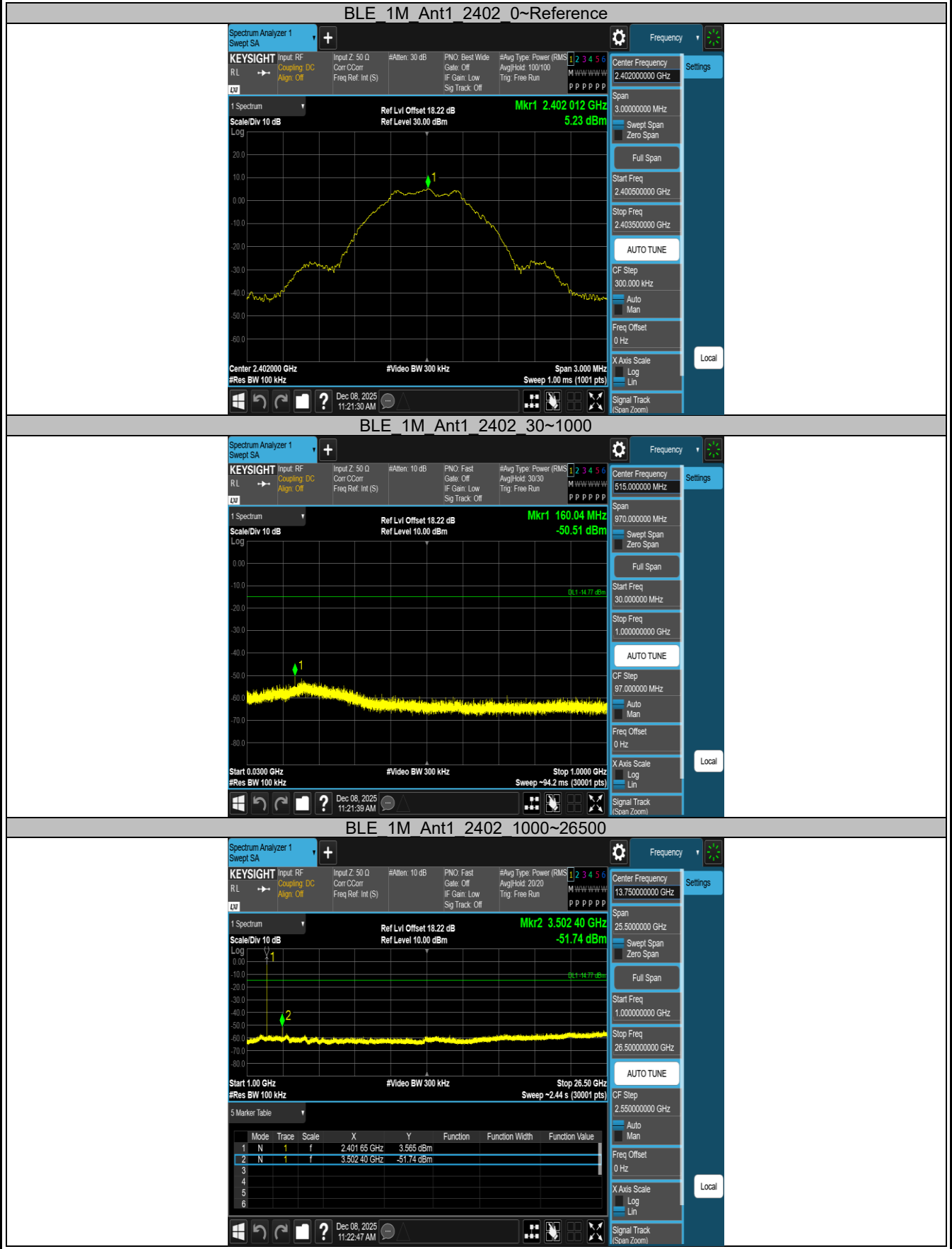


## Appendix B.5: Test Results of Conducted Spurious Emission

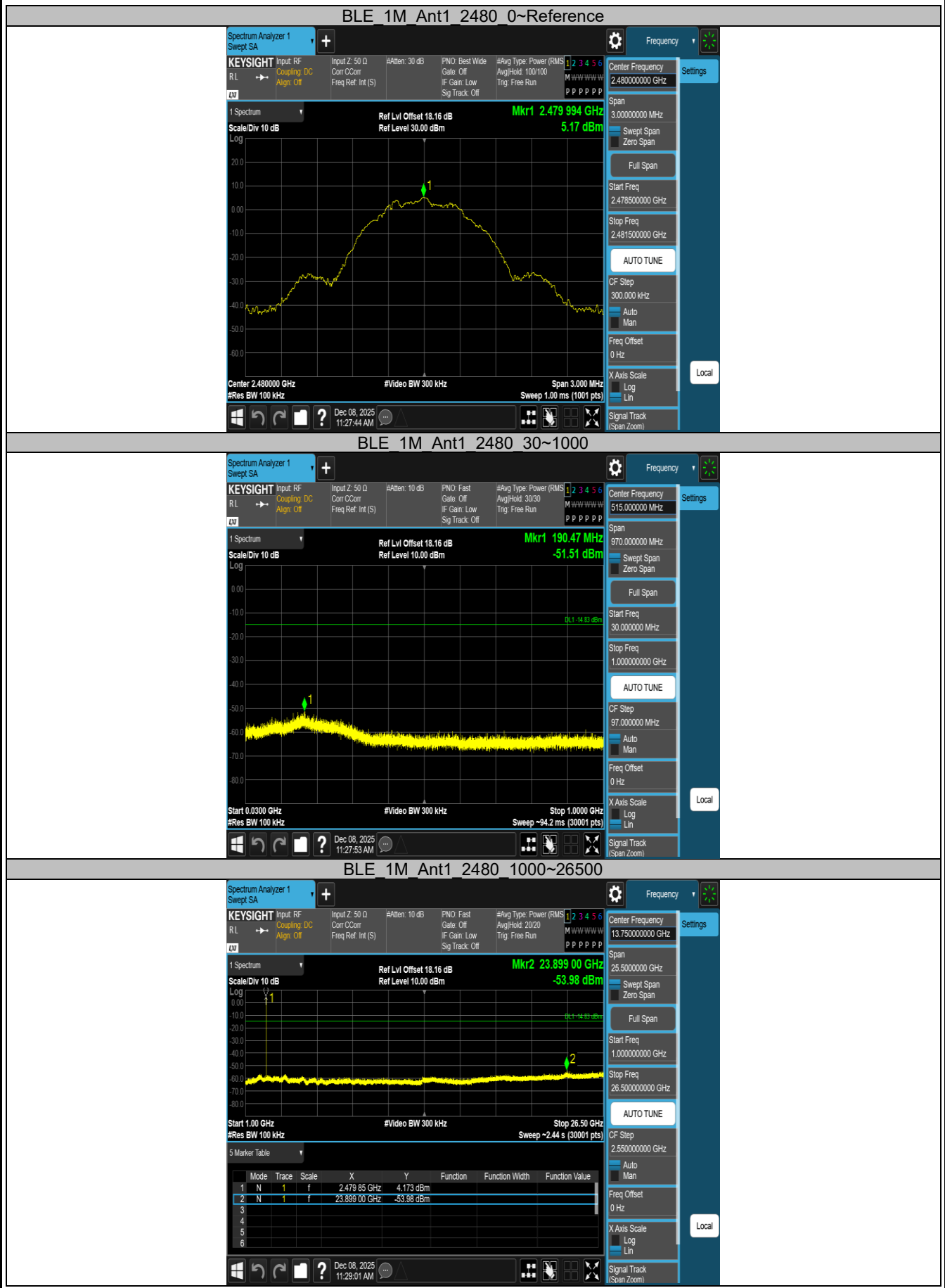
### Test Result

| TestMode | Antenna | Channel | FreqRange [MHz] | RefLevel [dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|---------|-----------------|----------------|-------------|------------|---------|
| BLE_1M   | Ant1    | 2402    | Reference       | 5.23           | 5.23        | ---        | PASS    |
|          |         |         | 30~1000         | 5.23           | -50.51      | ≤-14.77    | PASS    |
|          |         |         | 1000~26500      | 5.23           | -51.74      | ≤-14.77    | PASS    |
|          |         | 2440    | Reference       | 5.31           | 5.31        | ---        | PASS    |
|          |         |         | 30~1000         | 5.31           | -52.23      | ≤-14.69    | PASS    |
|          |         |         | 1000~26500      | 5.31           | -54.09      | ≤-14.69    | PASS    |
|          |         | 2480    | Reference       | 5.17           | 5.17        | ---        | PASS    |
|          |         |         | 30~1000         | 5.17           | -51.51      | ≤-14.83    | PASS    |
|          |         |         | 1000~26500      | 5.17           | -53.98      | ≤-14.83    | PASS    |
| BLE_2M   | Ant1    | 2402    | Reference       | 5.19           | 5.19        | ---        | PASS    |
|          |         |         | 30~1000         | 5.19           | -51.72      | ≤-14.81    | PASS    |
|          |         |         | 1000~26500      | 5.19           | -54.41      | ≤-14.81    | PASS    |
|          |         | 2440    | Reference       | 5.46           | 5.46        | ---        | PASS    |
|          |         |         | 30~1000         | 5.46           | -51.69      | ≤-14.54    | PASS    |
|          |         |         | 1000~26500      | 5.46           | -54.67      | ≤-14.54    | PASS    |
|          |         | 2480    | Reference       | 4.47           | 4.47        | ---        | PASS    |
|          |         |         | 30~1000         | 4.47           | -52.42      | ≤-15.53    | PASS    |
|          |         |         | 1000~26500      | 4.47           | -51.04      | ≤-15.53    | PASS    |

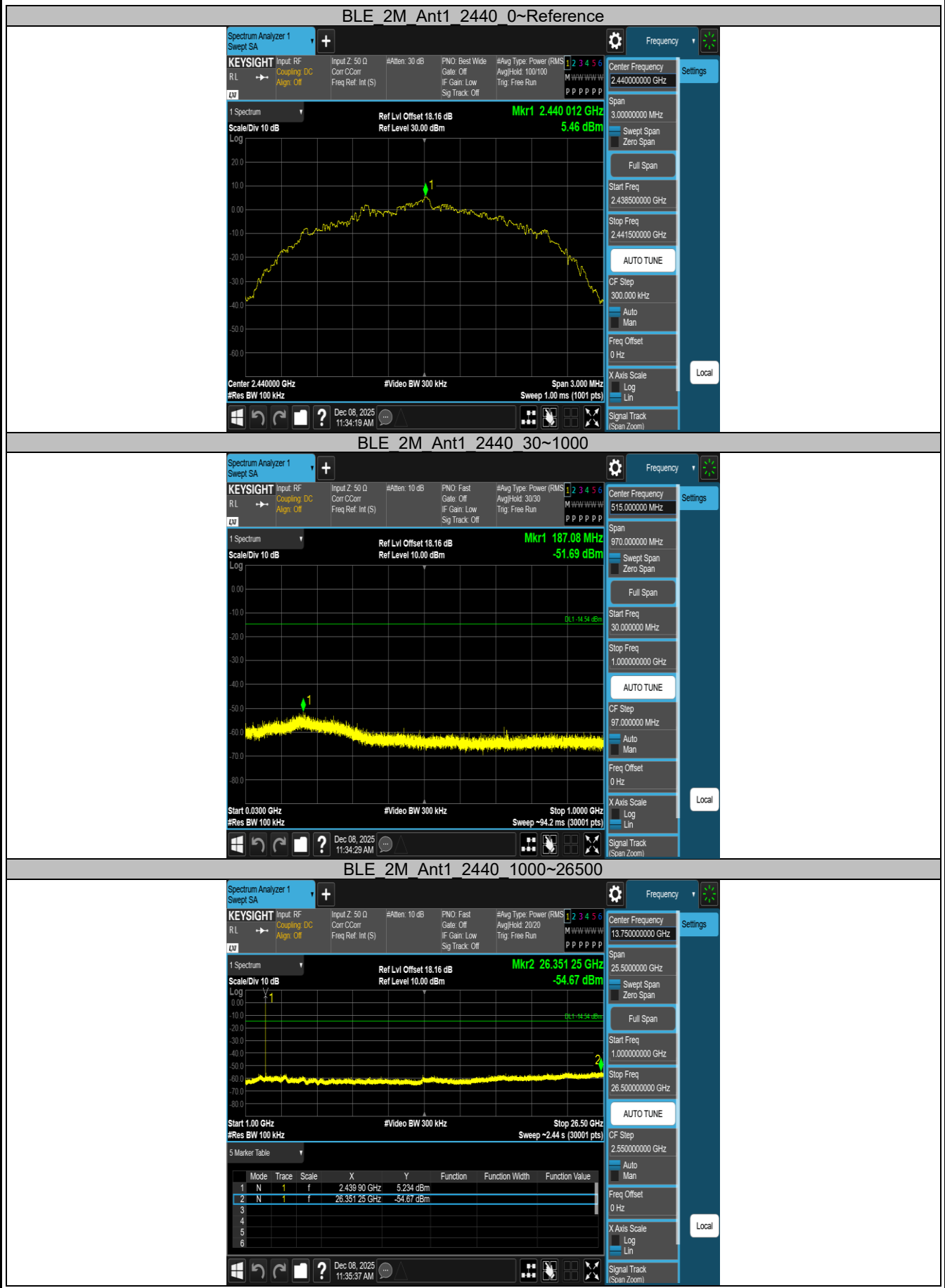
Test Graphs













## Appendix B.6: Test Results of Radiated Spurious Emissions

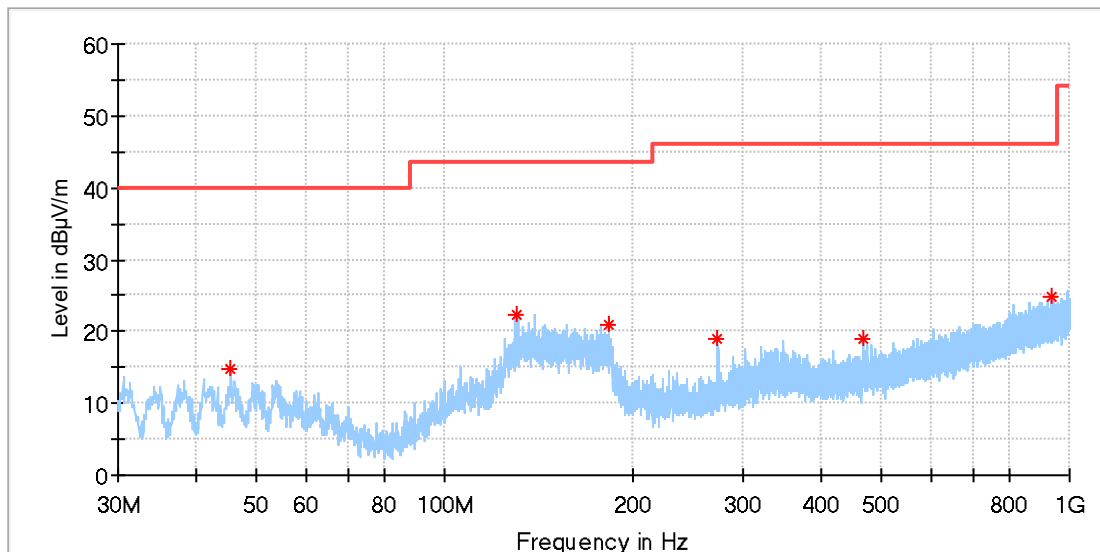
Note:

- 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:              | WKT82R1501               |
| Test Mode:          | BLE 1M_Mid channel       |
| Order No/Sample No: | 168582607/A004129867-005 |
| Test Voltage:       | DC 3.3V                  |
| Remark:             | Temp 24 Humi:50%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



### Critical Freqs

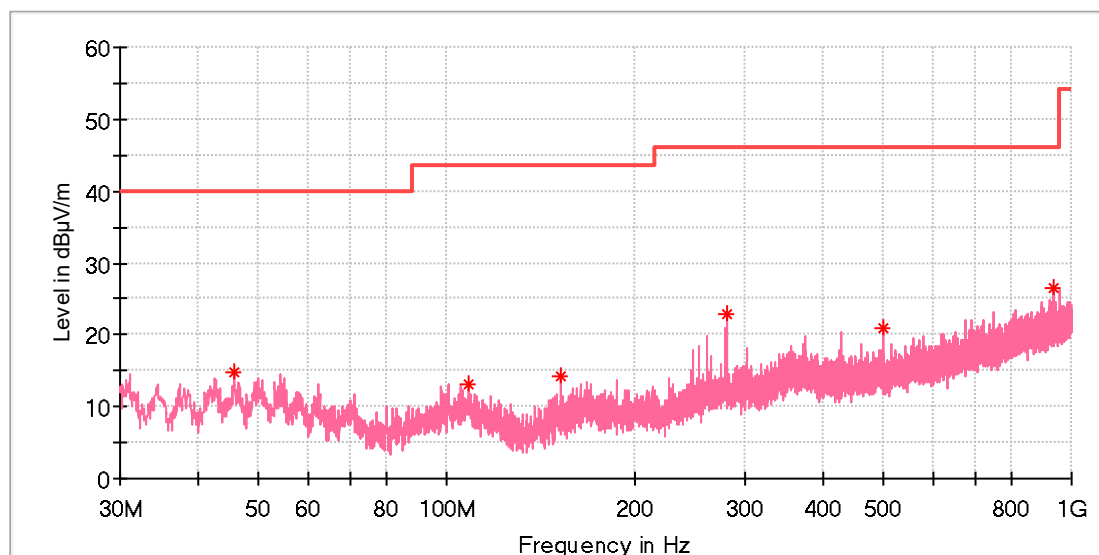
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 45.520000       | 14.68            | 40.00          | 25.32       | 100.0       | H   | 214.0         | -18.9        |
| 129.910000      | 22.34            | 43.50          | 21.16       | 100.0       | H   | 172.0         | -21.9        |
| 183.098333      | 20.94            | 43.50          | 22.56       | 100.0       | H   | 38.0          | -20.3        |
| 273.631667      | 18.92            | 46.00          | 27.08       | 100.0       | H   | 70.0          | -16.9        |
| 468.709444      | 18.87            | 46.00          | 27.13       | 100.0       | H   | 275.0         | -12.4        |
| 936.950000      | 24.79            | 46.00          | 21.21       | 100.0       | H   | 129.0         | -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:              | WKT82R1501               |
| Test Mode:          | BLE 1M_Mid channel       |
| Order No/Sample No: | 168582607/A004129867-005 |
| Test Voltage:       | DC 3.3V                  |
| Remark:             | Temp 24 Humi:50%         |
| 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) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 45.681667       | 14.90            | 40.00          | 25.10       | 100.0       | V   | 170.0         | -18.8        |
| 108.138889      | 13.23            | 43.50          | 30.27       | 100.0       | V   | 332.0         | -19.1        |
| 152.651111      | 14.12            | 43.50          | 29.38       | 100.0       | V   | 85.0          | -22.2        |
| 281.661111      | 22.84            | 46.00          | 23.16       | 100.0       | V   | 115.0         | -16.7        |
| 498.186667      | 20.92            | 46.00          | 25.08       | 100.0       | V   | 152.0         | -11.9        |
| 938.458889      | 26.38            | 46.00          | 19.62       | 100.0       | V   | 249.0         | -4.4         |

## Final\_Result

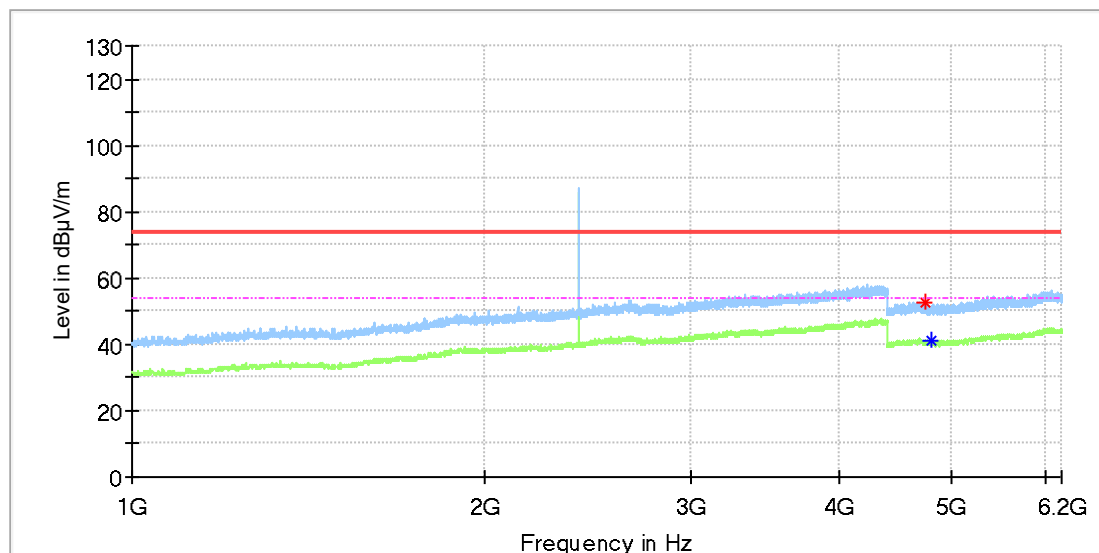
| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|----------------|-------------|-------------|-----|---------------|--------------|
| ---             | ---                | ---          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

1GHz - 18GHz

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

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | WIFI+BT Module           |
| Model:              | WKT82R1501               |
| Test Mode:          | BLE 1M_Low channel       |
| Order No/Sample No: | 168582607/A004129867-005 |
| Test Voltage:       | DC 3.3V                  |
| Remark:             | Temp 24 Humi:50%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical Freqs

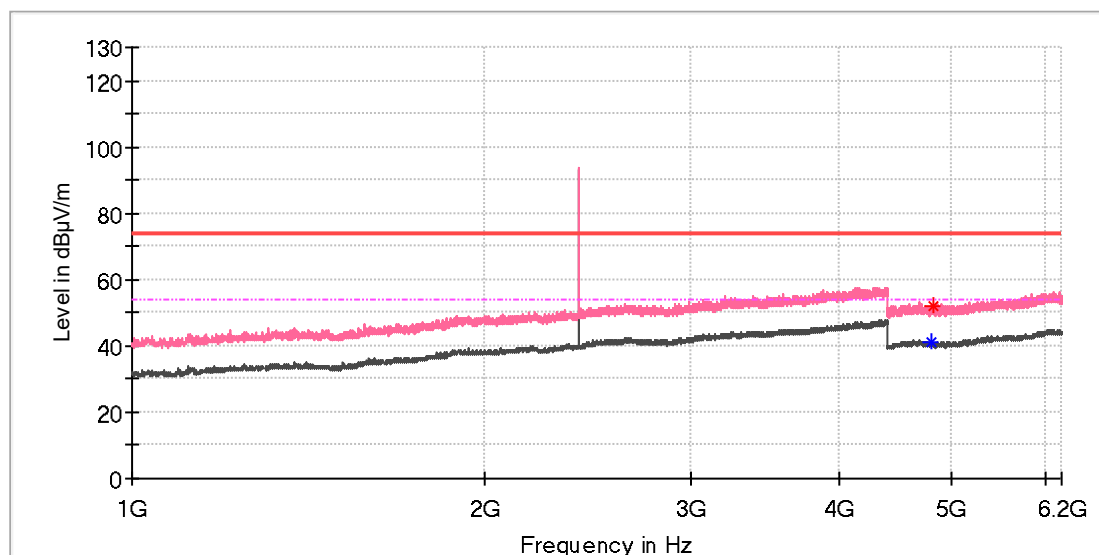
| Frequency<br>(MHz) | MaxPeak<br>(dBµV/m) | Average<br>(dBµV/m) | Limit<br>(dBµV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 4744.500000        | 52.41               | ---                 | 74.00             | 21.59          | 150.0          | H   | 124.0            | 13.4            |
| 4806.500000        | ---                 | 41.19               | 54.00             | 12.81          | 150.0          | H   | 18.0             | 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) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| ---                | ---                 | ---                 | ---               | ---            | ---            |     | ---              | ---             |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | WIFI+BT Module           |
| Model:              | WKT82R1501               |
| Test Mode:          | BLE 1M_Low channel       |
| Order No/Sample No: | 168582607/A004129867-005 |
| Test Voltage:       | DC 3.3V                  |
| Remark:             | Temp 24 Humi:50%         |
| 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) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 4805.500000        | ---                 | 40.99               | 54.00             | 13.01          | 150.0          | V   | 11.0             | 13.3            |
| 4817.500000        | 52.16               | ---                 | 74.00             | 21.84          | 150.0          | V   | 165.0            | 13.3            |

## Final Result

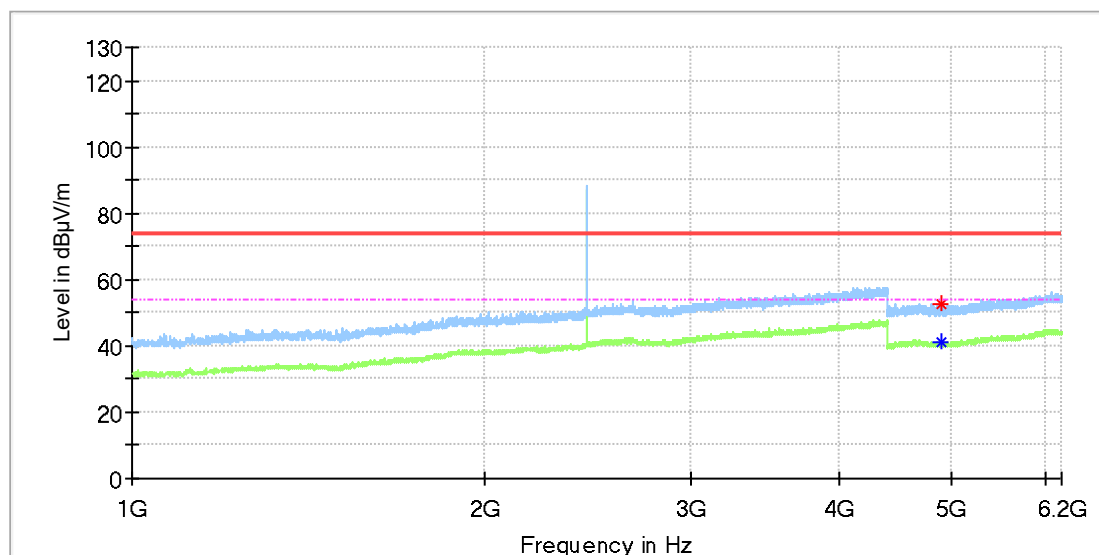
| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|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





## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | WIFI+BT Module           |
| Model:              | WKT82R1501               |
| Test Mode:          | BLE 1M_Mid channel       |
| Order No/Sample No: | 168582607/A004129867-005 |
| Test Voltage:       | DC 3.3V                  |
| Remark:             | Temp 24 Humi:50%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

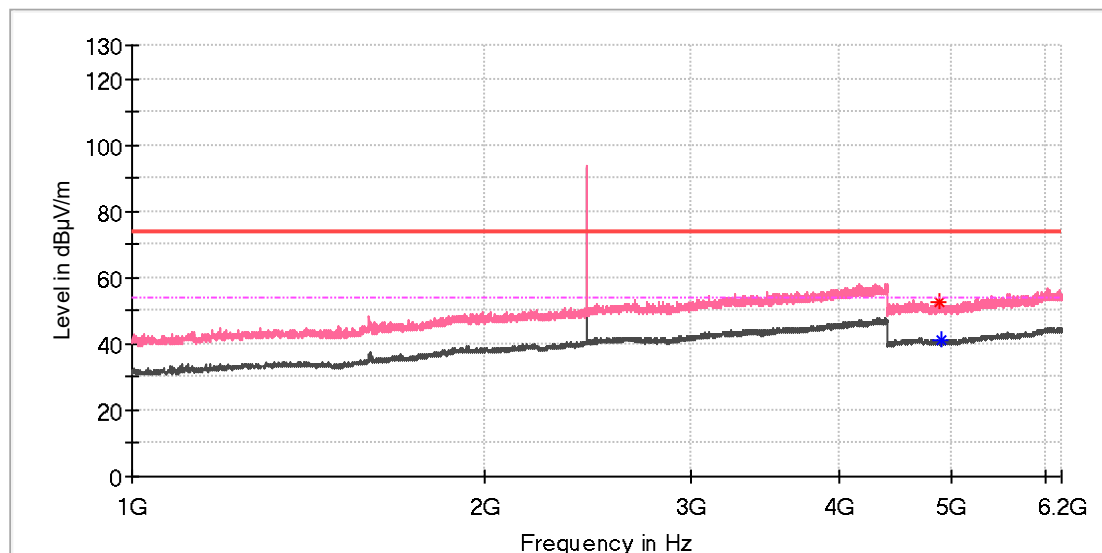
| Frequency<br>(MHz) | MaxPeak<br>(dBµV/m) | Average<br>(dBµV/m) | Limit<br>(dBµV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 4897.500000        | 52.41               | ---                 | 74.00             | 21.59          | 150.0          | H   | 355.0            | 13.3            |
| 4902.500000        | ---                 | 40.95               | 54.00             | 13.05          | 150.0          | H   | 318.0            | 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) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| ---                | ---                 | ---                 | ---               | ---            | ---            |     | ---              | ---             |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | WIFI+BT Module           |
| Model:              | WKT82R1501               |
| Test Mode:          | BLE 1M_Mid channel       |
| Order No/Sample No: | 168582607/A004129867-005 |
| Test Voltage:       | DC 3.3V                  |
| Remark:             | Temp 24 Humi:50%         |
| 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) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 4878.500000        | 52.64               | ---                 | 74.00             | 21.36          | 150.0          | V   | 283.0            | 13.3            |
| 4896.500000        | ---                 | 41.39               | 54.00             | 12.61          | 150.0          | V   | 265.0            | 13.3            |

## Final Result

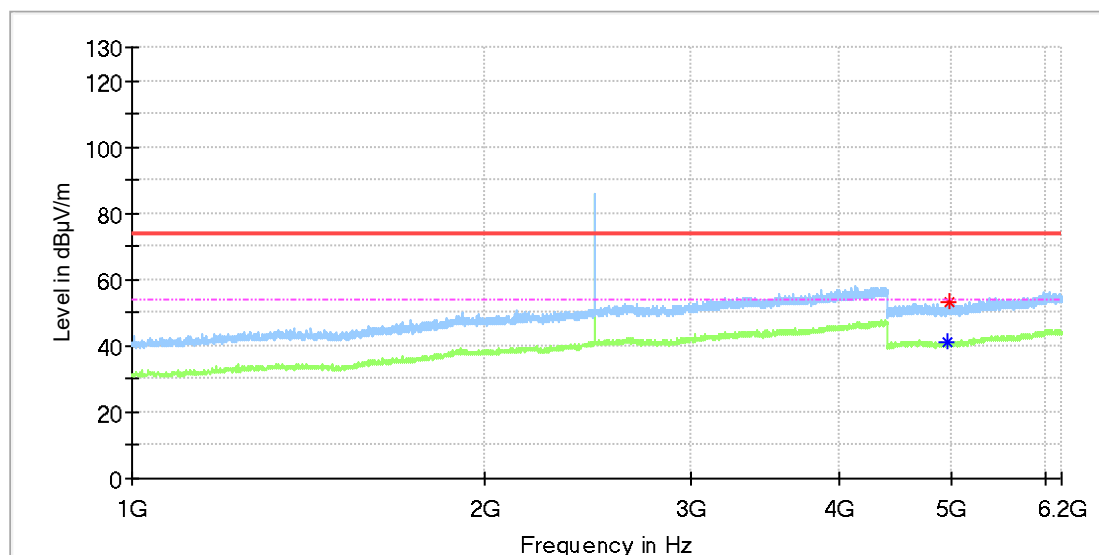
| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|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





## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | WIFI+BT Module           |
| Model:              | WKT82R1501               |
| Test Mode:          | BLE 1M_High channel      |
| Order No/Sample No: | 168582607/A004129867-005 |
| Test Voltage:       | DC 3.3V                  |
| Remark:             | Temp 24 Humi:50%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

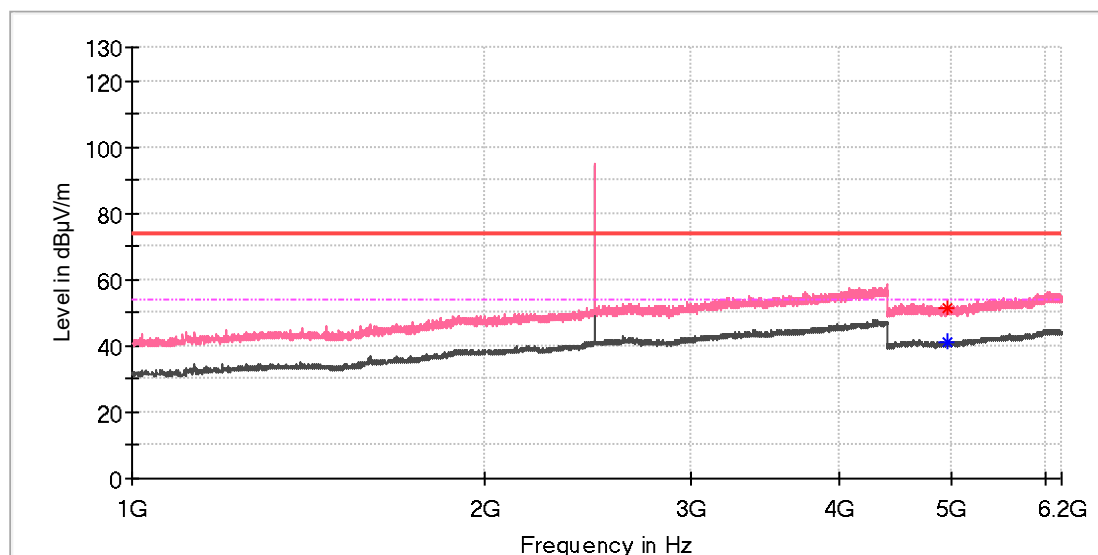
| Frequency<br>(MHz) | MaxPeak<br>(dBμV/m) | Average<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 4954.000000        | ---                 | 40.93               | 54.00             | 13.07          | 150.0          | H   | 348.0            | 13.3            |
| 4967.000000        | 53.10               | ---                 | 74.00             | 20.90          | 150.0          | H   | 167.0            | 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) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| ---                | ---                 | ---                 | ---               | ---            | ---            |     | ---              | ---             |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | WIFI+BT Module           |
| Model:              | WKT82R1501               |
| Test Mode:          | BLE 1M_High channel      |
| Order No/Sample No: | 168582607/A004129867-005 |
| Test Voltage:       | DC 3.3V                  |
| Remark:             | Temp 24 Humi:50%         |
| 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) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 4959.500000        | ---                 | 40.84               | 54.00             | 13.16          | 150.0          | V   | 67.0             | 13.3            |
| 4961.000000        | 51.58               | ---                 | 74.00             | 22.42          | 150.0          | V   | 28.0             | 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) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| ---                | ---                 | ---                 | ---               | ---            | ---            |     | ---              | ---             |

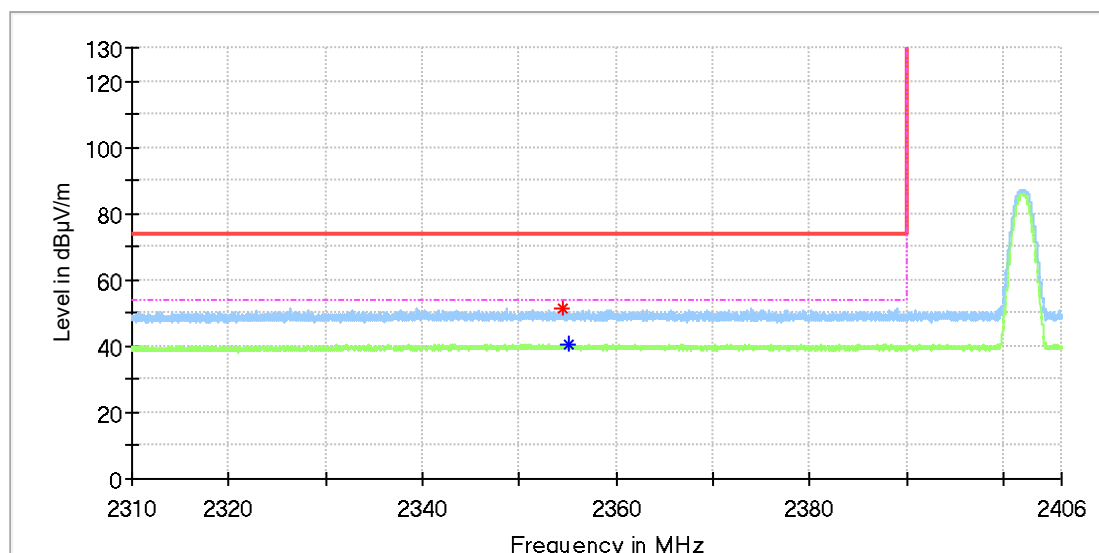




## Appendix B.7: Test Results of Radiated Emissions in Restricted Bands

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | WIFI+BT Module           |
| Model:              | WKT82R1501               |
| Test Mode:          | BLE 1M_Low channel       |
| Order No/Sample No: | 168582607/A004129867-005 |
| Test Voltage:       | DC 3.3V                  |
| Remark:             | Temp 24 Humi:50%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

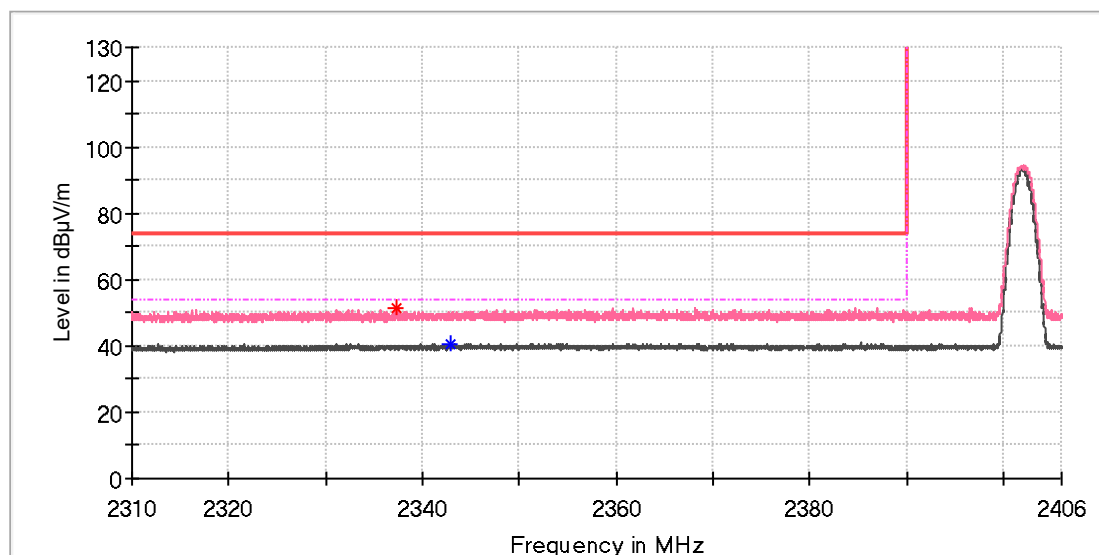
| Frequency<br>(MHz) | MaxPeak<br>(dBµV/m) | Average<br>(dBµV/m) | Limit<br>(dBµV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 2354.512941        | 51.48               | ---                 | 74.00             | 22.52          | 150.0          | H   | 74.0             | 8.5             |
| 2355.120000        | ---                 | 40.48               | 54.00             | 13.52          | 150.0          | H   | 217.0            | 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) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 100.000000         | 100.000000          | 100.000000          | 100.000000        | 100.000000     | 100.000000     |     | 100.000000       |                 |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | WIFI+BT Module           |
| Model:              | WKT82R1501               |
| Test Mode:          | BLE 1M_Low channel       |
| Order No/Sample No: | 168582607/A004129867-005 |
| Test Voltage:       | DC 3.3V                  |
| Remark:             | Temp 24 Humi:50%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

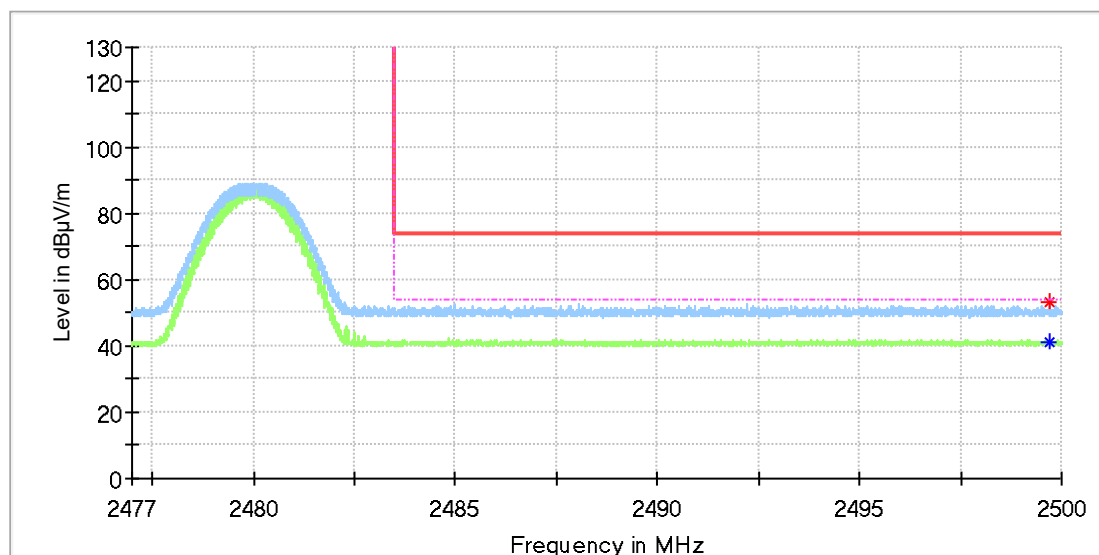
| Frequency<br>(MHz) | MaxPeak<br>(dBµV/m) | Average<br>(dBµV/m) | Limit<br>(dBµV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 2337.303530        | 51.50               | ---                 | 74.00             | 22.50          | 150.0          | V   | 103.0            | 8.4             |
| 2342.809412        | ---                 | 40.70               | 54.00             | 13.30          | 150.0          | V   | 262.0            | 8.4             |

## 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) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| ---                | ---                 | ---                 | ---               | ---            | ---            |     | ---              | ---             |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | WIFI+BT Module           |
| Model:              | WKT82R1501               |
| Test Mode:          | BLE 1M_High channel      |
| Order No/Sample No: | 168582607/A004129867-005 |
| Test Voltage:       | DC 3.3V                  |
| Remark:             | Temp 24 Humi:50%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

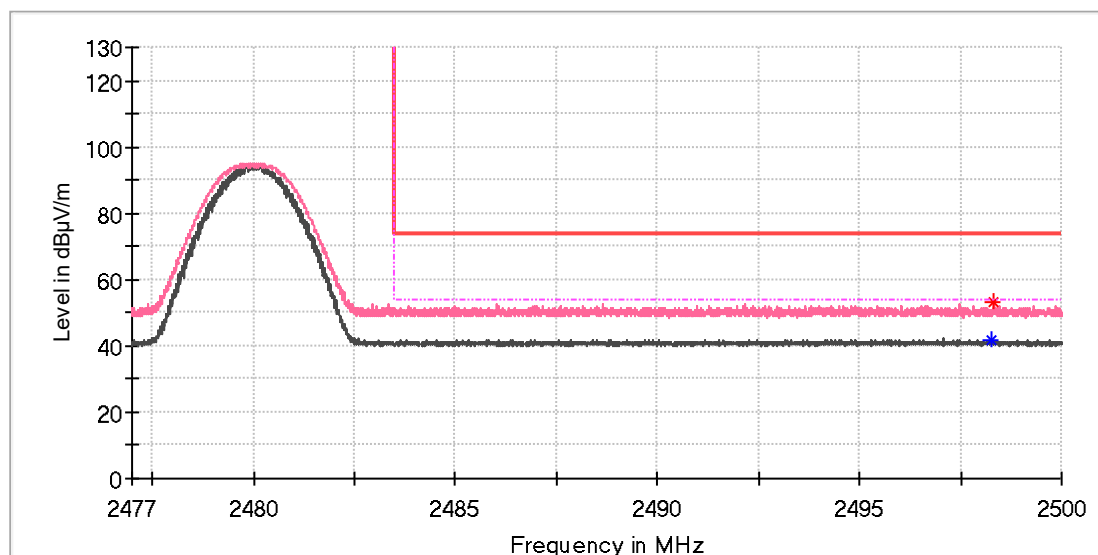
| Frequency<br>(MHz) | MaxPeak<br>(dBµV/m) | Average<br>(dBµV/m) | Limit<br>(dBµV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 2499.698971        | 53.49               | ---                 | 74.00             | 20.51          | 150.0          | H   | 120.0            | 9.0             |
| 2499.709118        | ---                 | 41.20               | 54.00             | 12.80          | 150.0          | H   | 181.0            | 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) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| ---                | ---                 | ---                 | ---               | ---            | ---            |     | ---              | ---             |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | WIFI+BT Module           |
| Model:              | WKT82R1501               |
| Test Mode:          | BLE 1M_High channel      |
| Order No/Sample No: | 168582607/A004129867-005 |
| Test Voltage:       | DC 3.3V                  |
| Remark:             | Temp 24 Humi:50%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

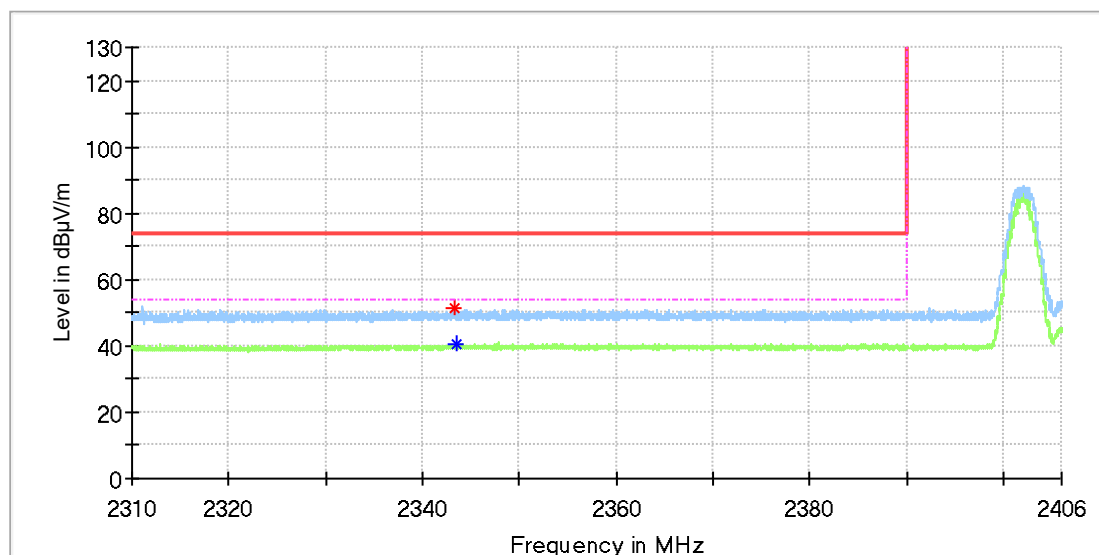
| Frequency<br>(MHz) | MaxPeak<br>(dBµV/m) | Average<br>(dBµV/m) | Limit<br>(dBµV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 2498.275000        | ---                 | 41.90               | 54.00             | 12.10          | 150.0          | V   | 0.0              | 9.0             |
| 2498.339265        | 52.99               | ---                 | 74.00             | 21.01          | 150.0          | V   | 318.0            | 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) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| ----               | ----                | ----                | ----              | ----           | ----           |     | ----             | ----            |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | WIFI+BT Module           |
| Model:              | WKT82R1501               |
| Test Mode:          | BLE 2M_Low channel       |
| Order No/Sample No: | 168582607/A004129867-005 |
| Test Voltage:       | DC 3.3V                  |
| Remark:             | Temp 24 Humi:50%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

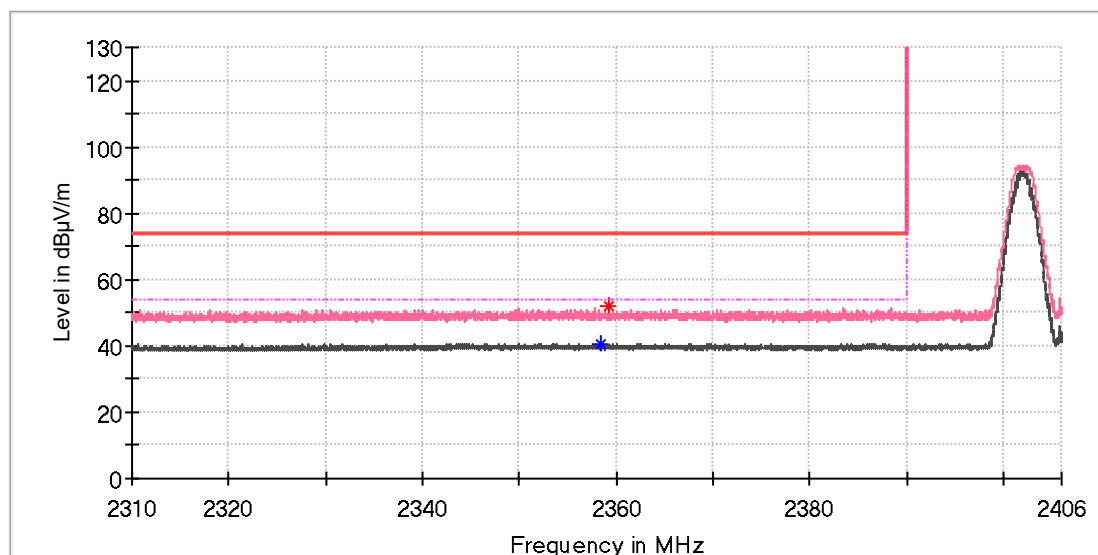
| Frequency<br>(MHz) | MaxPeak<br>(dBµV/m) | Average<br>(dBµV/m) | Limit<br>(dBµV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 2343.261177        | 51.58               | ---                 | 74.00             | 22.42          | 150.0          | H   | 33.0             | 8.4             |
| 2343.430588        | ---                 | 40.34               | 54.00             | 13.66          | 150.0          | H   | 160.0            | 8.4             |

## 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) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| ---                | ---                 | ---                 | ---               | ---            | ---            |     | ---              | ---             |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | WIFI+BT Module           |
| Model:              | WKT82R1501               |
| Test Mode:          | BLE 2M_Low channel       |
| Order No/Sample No: | 168582607/A004129867-005 |
| Test Voltage:       | DC 3.3V                  |
| Remark:             | Temp 24 Humi:50%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

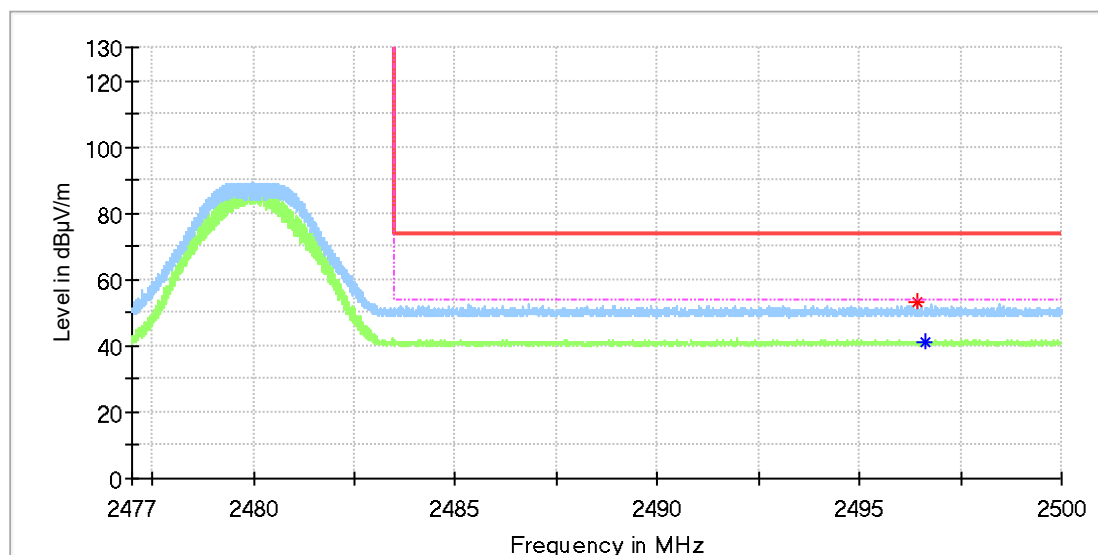
| Frequency<br>(MHz) | MaxPeak<br>(dBµV/m) | Average<br>(dBµV/m) | Limit<br>(dBµV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 2358.437647        | ---                 | 40.44               | 54.00             | 13.56          | 150.0          | V   | 94.0             | 8.5             |
| 2359.242353        | 51.85               | ---                 | 74.00             | 22.15          | 150.0          | V   | 343.0            | 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) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| ----               | ----                | ----                | ----              | ----           | ----           |     | ----             | ----            |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | WIFI+BT Module           |
| Model:              | WKT82R1501               |
| Test Mode:          | BLE 2M_High channel      |
| Order No/Sample No: | 168582607/A004129867-005 |
| Test Voltage:       | DC 3.3V                  |
| Remark:             | Temp 24 Humi:50%         |
| Test Standard:      | FCC 15.247               |
| Tested By:          | Kei Zhang                |
| Reviewed By:        | Terry Yin                |



## Critical\_Freqs

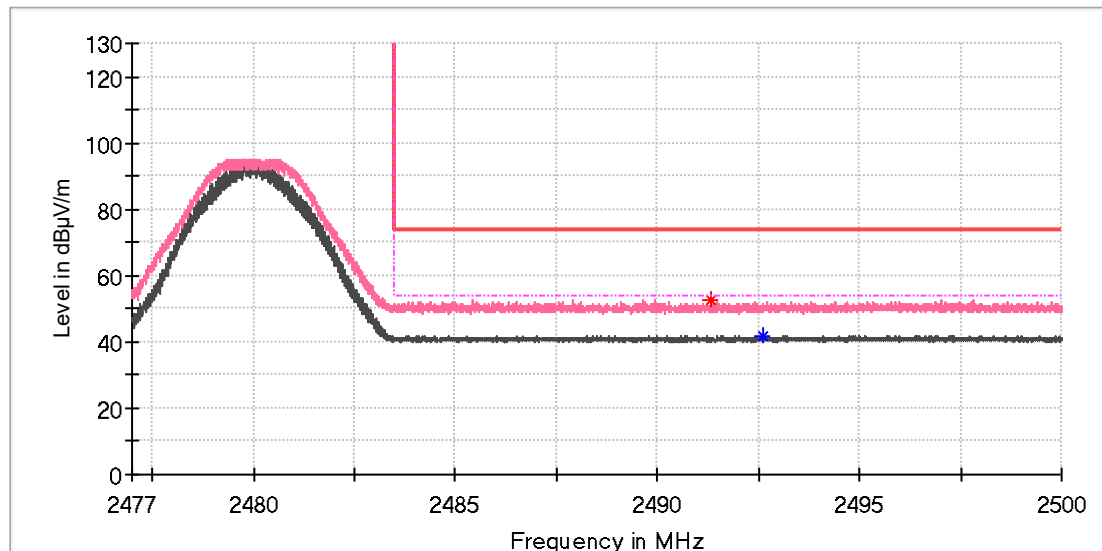
| Frequency<br>(MHz) | MaxPeak<br>(dBµV/m) | Average<br>(dBµV/m) | Limit<br>(dBµV/m) | Margin<br>(dB) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 2496.428235        | 53.45               | ---                 | 74.00             | 20.55          | 150.0          | H   | 73.0             | 9.0             |
| 2496.621029        | ---                 | 41.31               | 54.00             | 12.69          | 150.0          | H   | 47.0             | 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) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| ---                | ---                 | ---                 | ---               | ---            | ---            |     | ---              | ---             |

## EUT Information

|                     |                          |
|---------------------|--------------------------|
| EUT Name:           | WIFI+BT Module           |
| Model:              | WKT82R1501               |
| Test Mode:          | BLE 2M_High channel      |
| Order No/Sample No: | 168582607/A004129867-005 |
| Test Voltage:       | DC 3.3V                  |
| Remark:             | Temp 24 Humi:50%         |
| 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) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| 2491.307353        | 52.79               | ---                 | 74.00             | 21.21          | 150.0          | V   | 228.0            | 9.0             |
| 2492.606177        | ---                 | 41.94               | 54.00             | 12.06          | 150.0          | V   | 127.0            | 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) |
|--------------------|---------------------|---------------------|-------------------|----------------|----------------|-----|------------------|-----------------|
| ----               | ----                | ----                | ----              | ----           | ----           |     | ----             | ----            |