

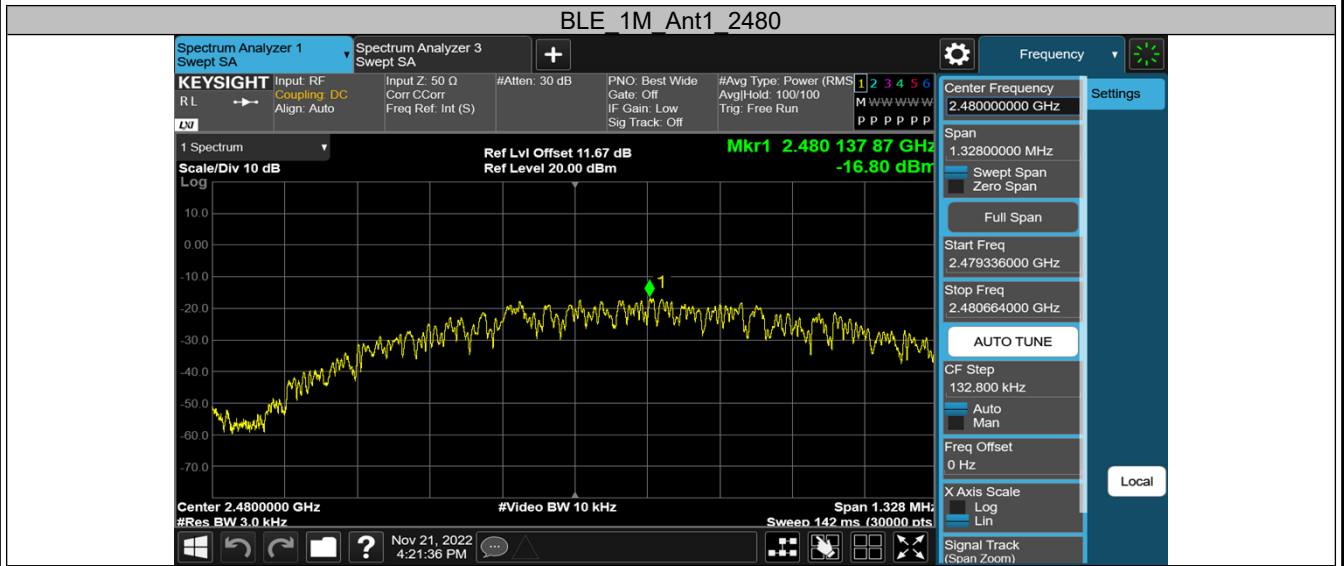
Appendix C: Test Results of Bluetooth Low Energy

| | |
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Appendix C.1: Test Results of Conducted Power Spectral Density

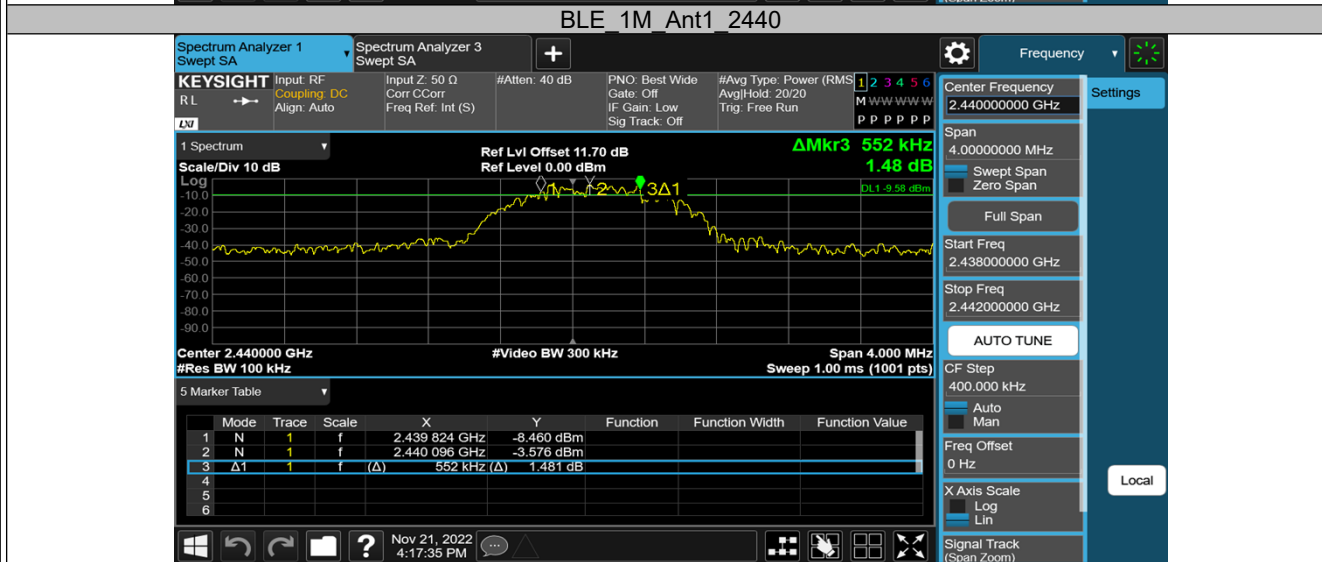
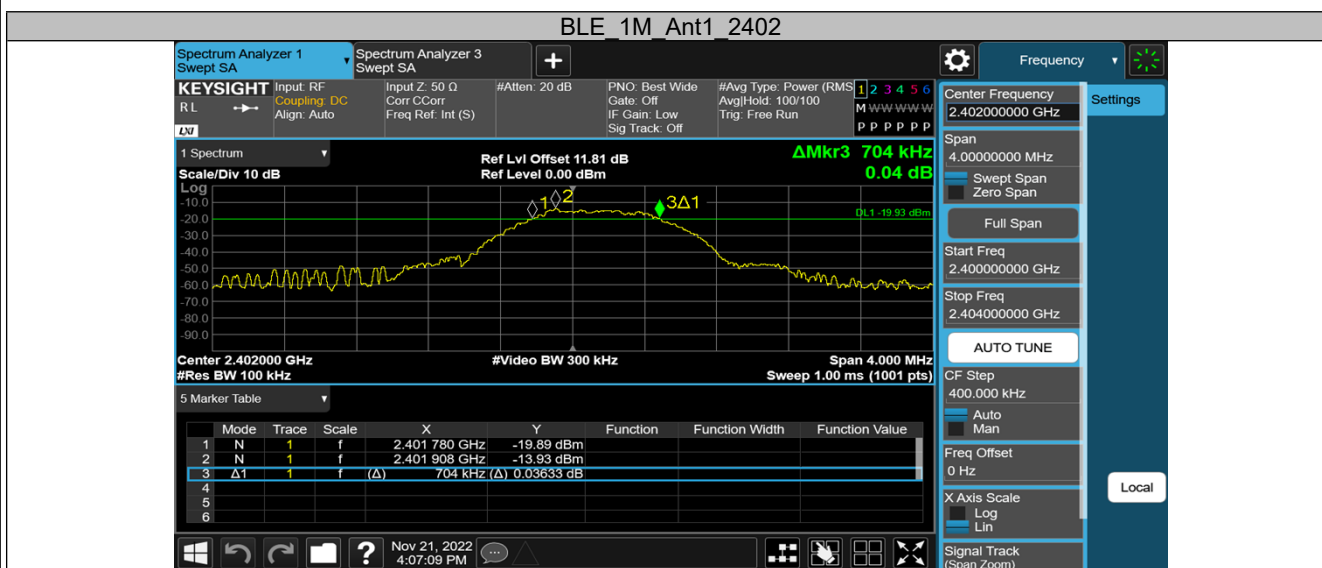
| TestMode | Antenna | Channel | Result[dBm/3-100kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|---------|----------------------|-----------------|---------|
| BLE_1M | Ant1 | 2402 | -17.59 | ≤8.00 | PASS |
| | | 2440 | -17.36 | ≤8.00 | PASS |
| | | 2480 | -16.80 | ≤8.00 | PASS |





Appendix C.2: Test Results of 6dB Bandwidth

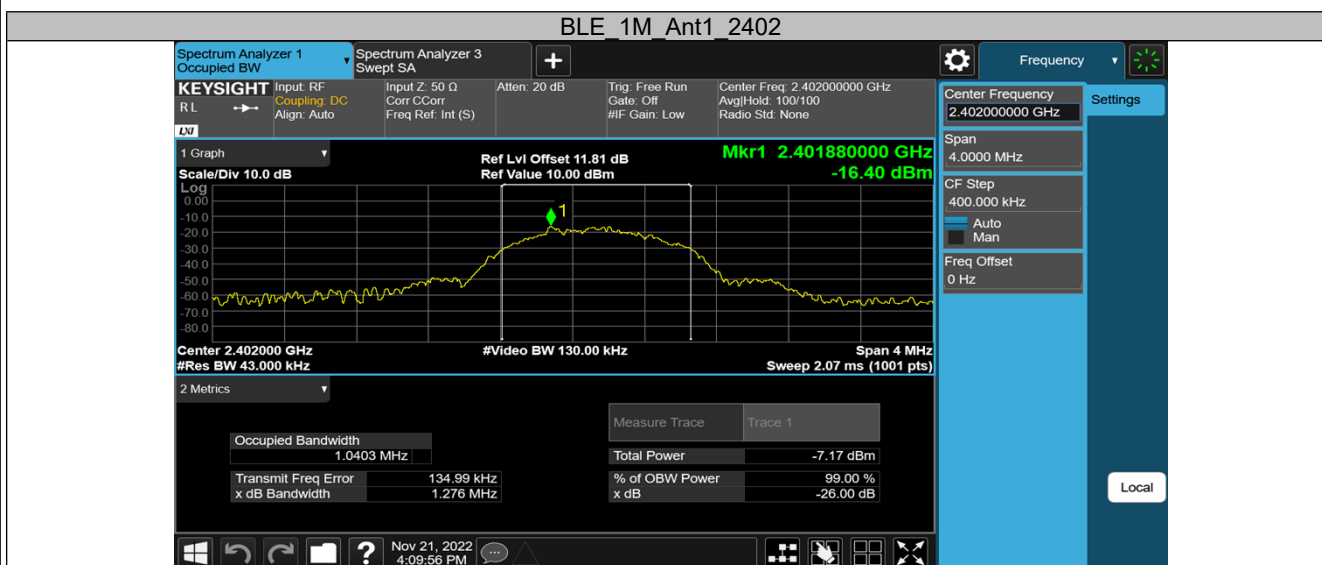
| TestMode | Antenna | Channel | DTS BW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|----------|---------|---------|--------------|----------|----------|------------|---------|
| BLE_1M | Ant1 | 2402 | 0.704 | 2401.780 | 2402.484 | 0.5 | PASS |
| | | 2440 | 0.552 | 2439.824 | 2440.376 | 0.5 | PASS |
| | | 2480 | 0.664 | 2479.792 | 2480.456 | 0.5 | PASS |

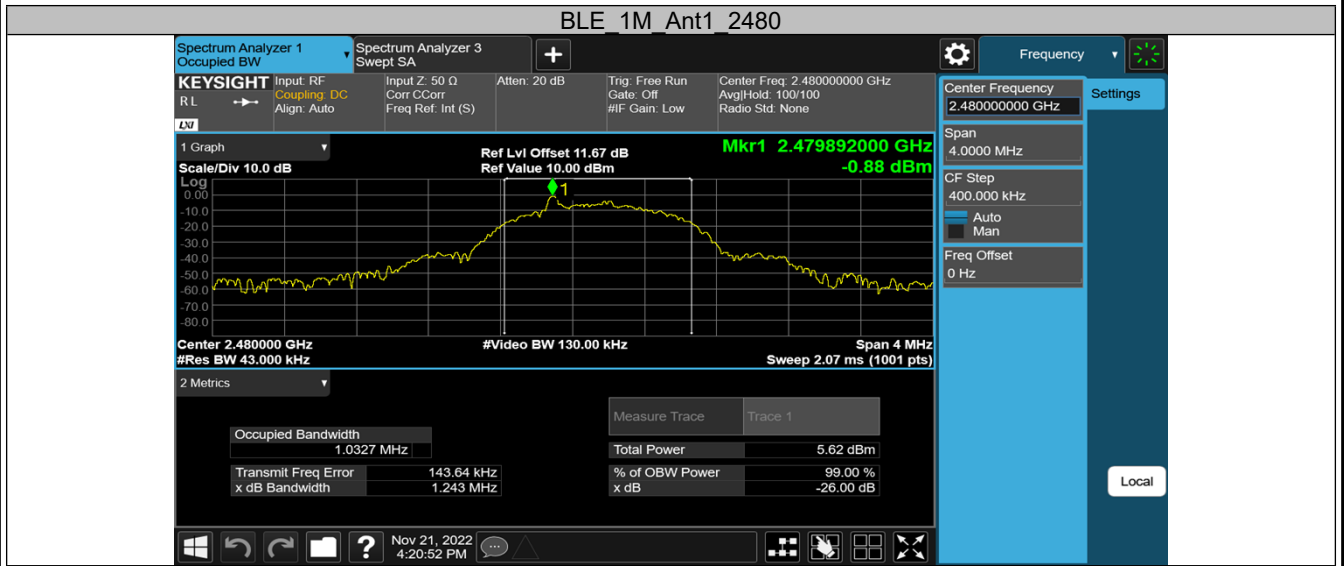




Appendix C.3: Test Results of 99% Bandwidth

| TestMode | Antenna | Channel | OCB [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|----------|---------|---------|-----------|-----------|-----------|------------|---------|
| BLE_1M | Ant1 | 2402 | 1.0403 | 2401.6148 | 2402.6551 | --- | PASS |
| | | 2440 | 1.0524 | 2439.6121 | 2440.6645 | --- | PASS |
| | | 2480 | 1.0327 | 2479.6273 | 2480.6600 | --- | PASS |

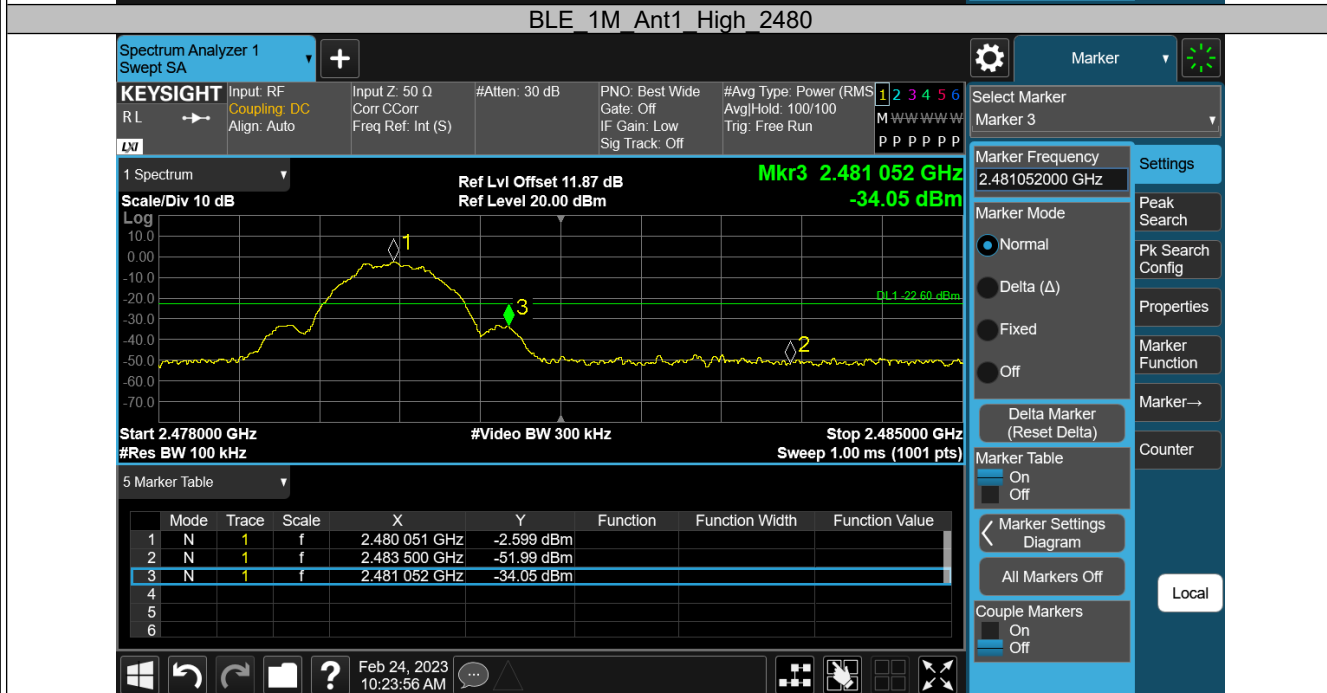
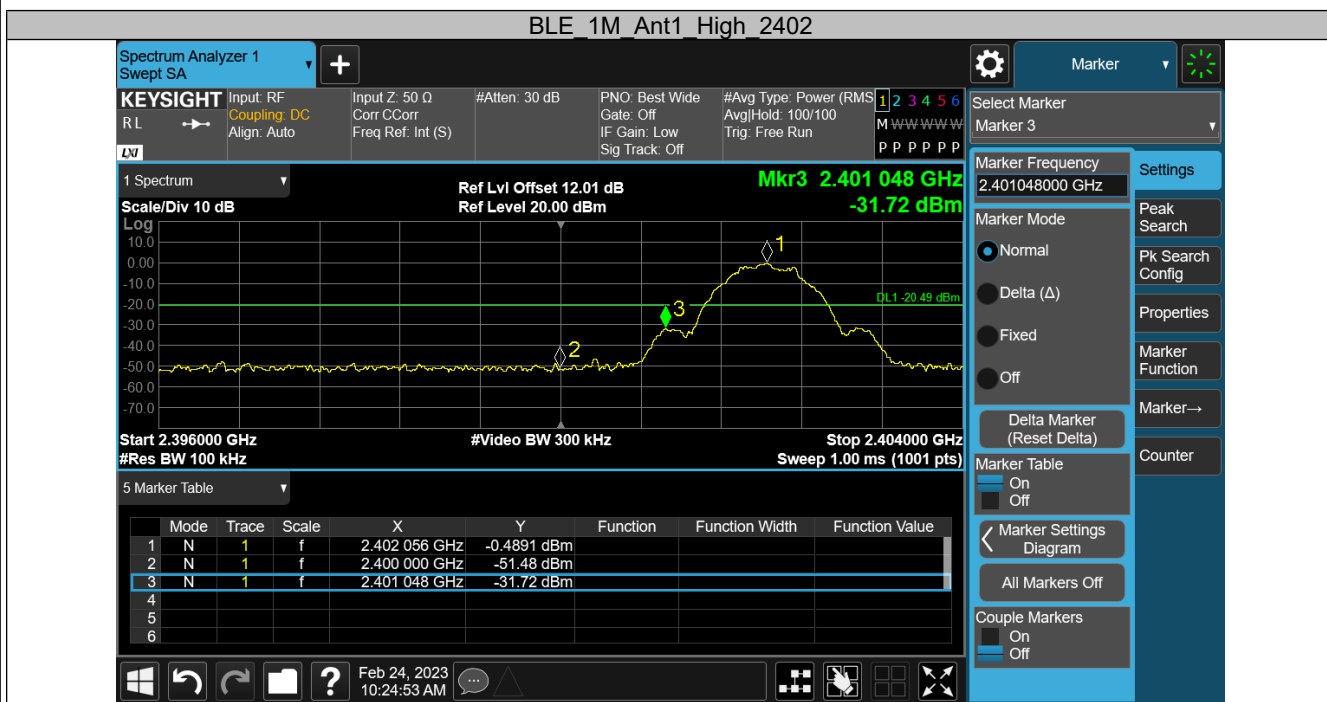




Appendix C.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

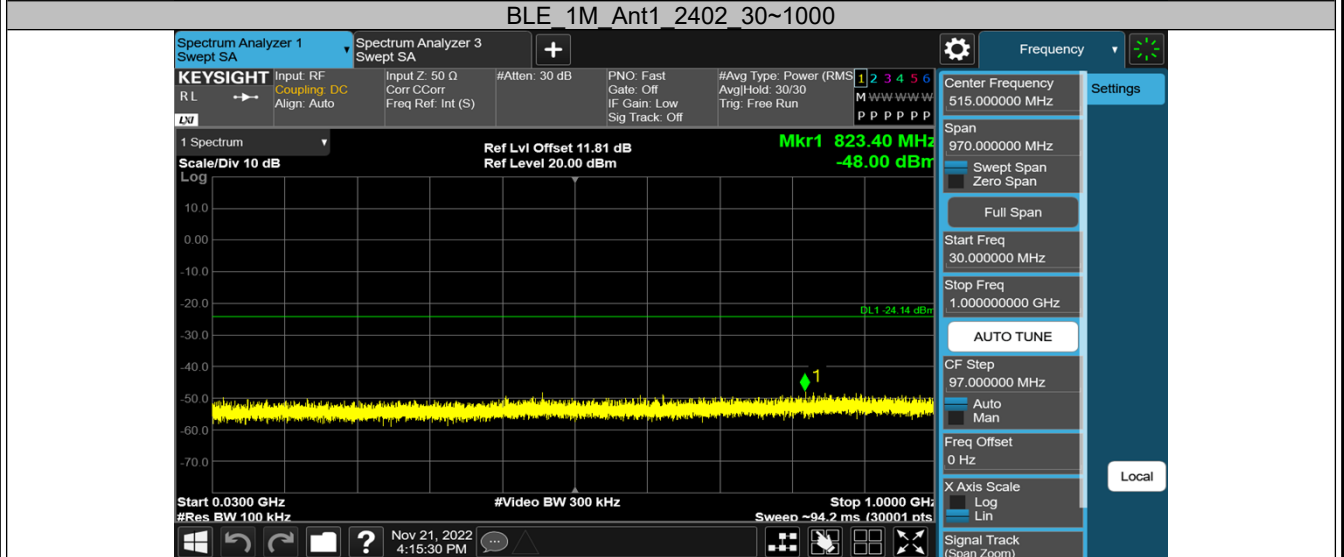
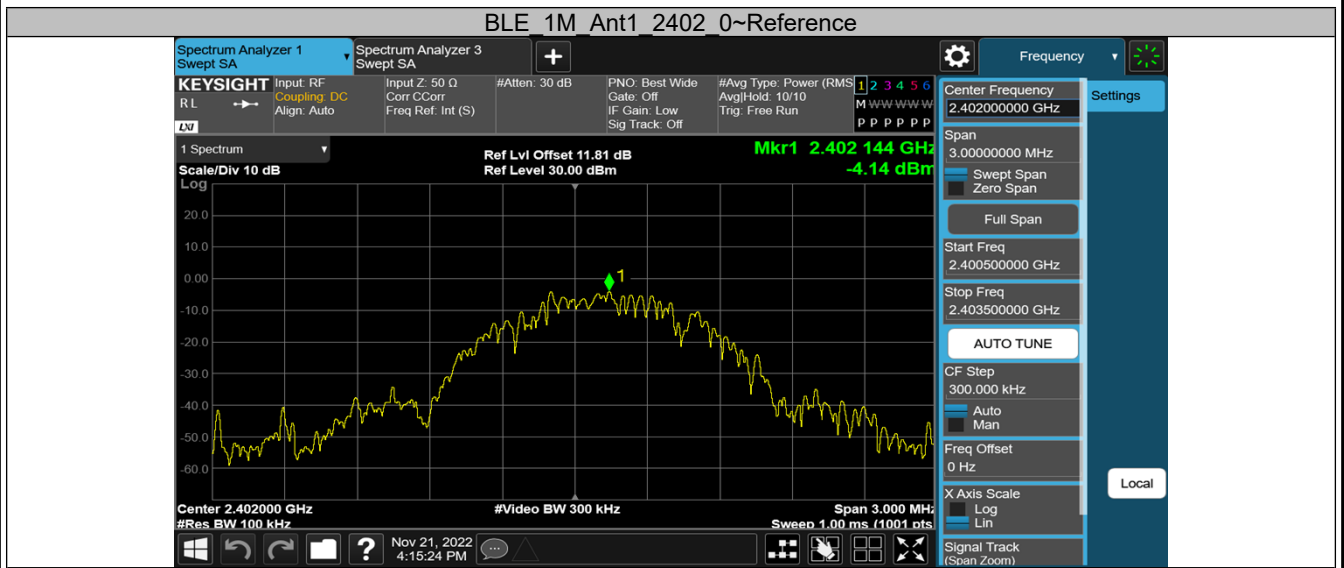
Band Edge

| TestMode | Antenna | ChName | Channel | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|--------|---------|---------------|-------------|------------|---------|
| BLE_1M | Ant1 | Low | 2402 | -0.49 | -31.72 | ≤-20.49 | PASS |
| | | High | 2480 | -2.60 | -34.05 | ≤-22.60 | PASS |



Conducted Spurious Emission

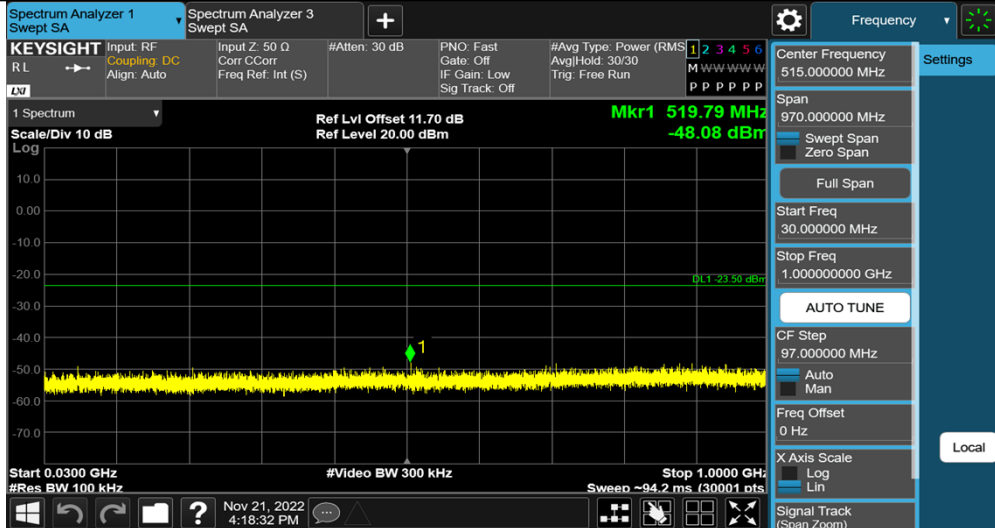
| TestMode | Antenna | Channel | FreqRange [MHz] | RefLevel [dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|---------|-----------------|----------------|-------------|------------|---------|
| BLE_1M | Ant1 | 2402 | Reference | -4.14 | -4.14 | --- | PASS |
| | | | 30~1000 | -4.14 | -48 | ≤-24.14 | PASS |
| | | | 1000~26500 | -4.14 | -38.77 | ≤-24.14 | PASS |
| | | 2440 | Reference | -3.50 | -3.50 | --- | PASS |
| | | | 30~1000 | -3.50 | -48.08 | ≤-23.5 | PASS |
| | | | 1000~26500 | -3.50 | -39.42 | ≤-23.5 | PASS |
| | | 2480 | Reference | -2.37 | -2.37 | --- | PASS |
| | | | 30~1000 | -2.37 | -47.7 | ≤-22.37 | PASS |
| | | | 1000~26500 | -2.37 | -38.87 | ≤-22.37 | PASS |



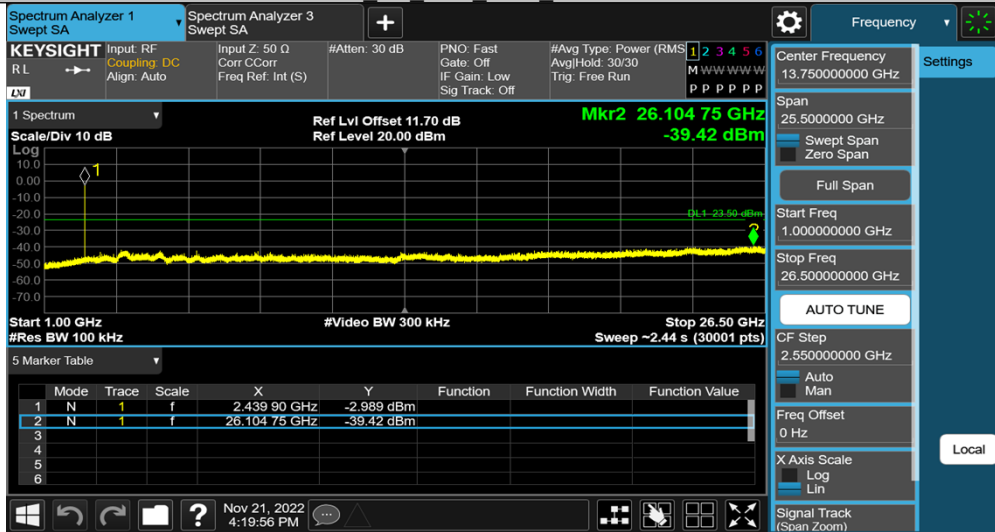
BLE 1M Ant1 2440 0~Reference

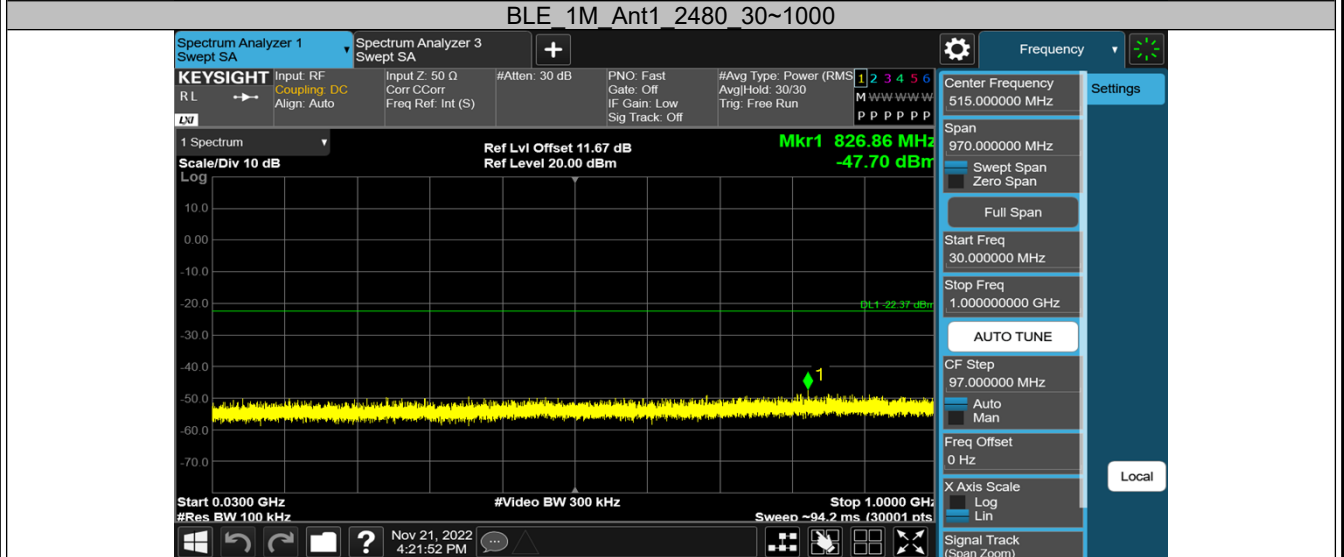
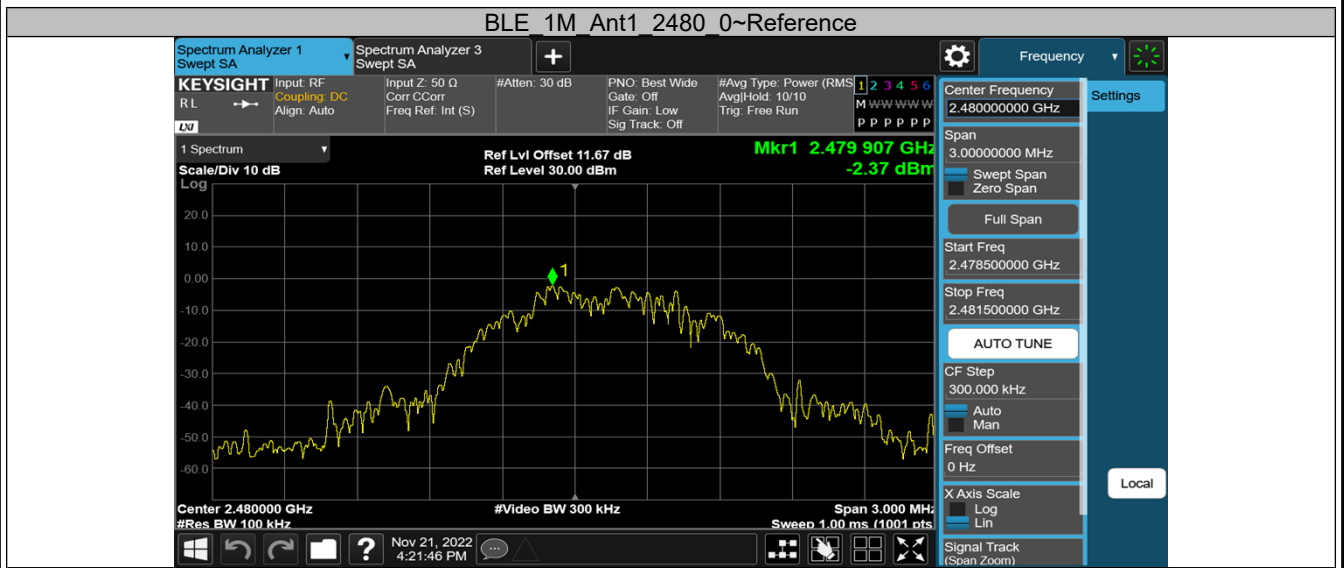


BLE 1M Ant1 2440 30~1000



BLE 1M Ant1 2440 1000~26500





Appendix C.5: Test Results of Radiated Spurious Emissions

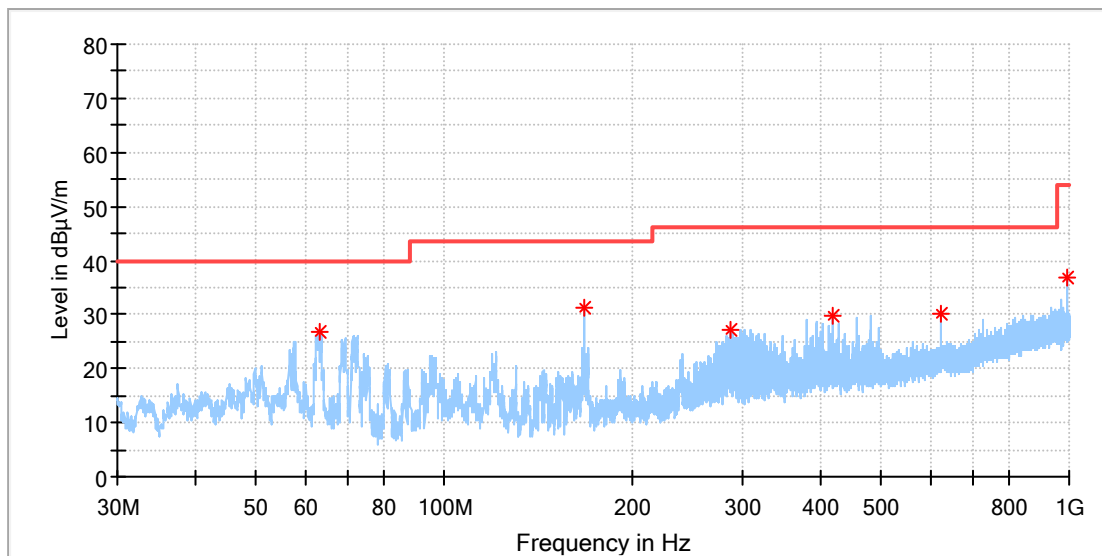
Note:

- 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 above 18GHz 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: | Bluetooth module |
| Model: | RABT_ATS2819 |
| Test Mode: | BLE 1M_Mid channel |
| Order No/Sample No: | 168389208/A003324744-001 |
| Test Voltage: | DC 3.3V |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

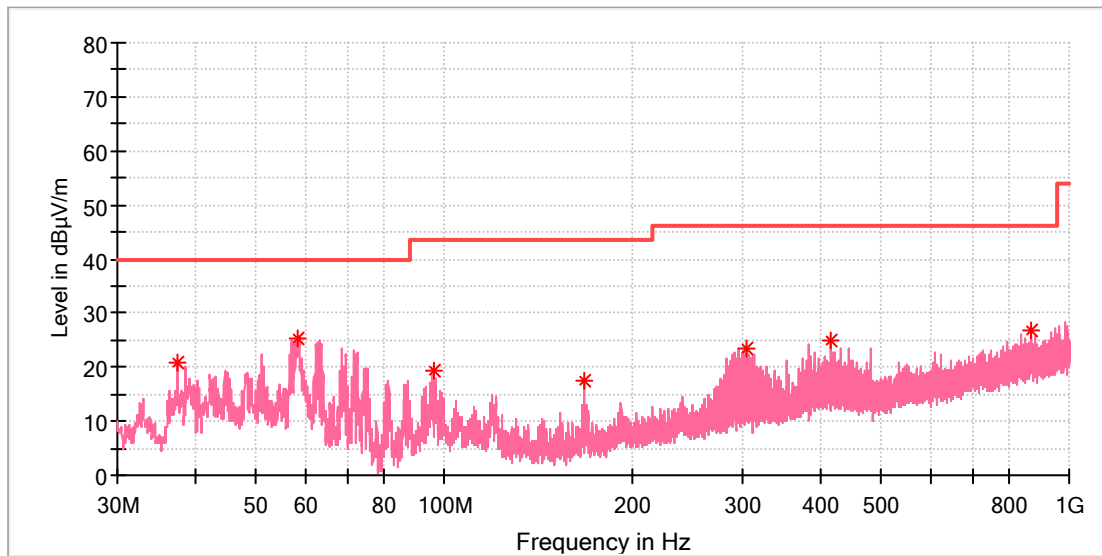
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 63.416500 | 26.80 | 40.00 | 13.20 | 100.0 | H | 302.0 | -19.7 |
| 168.031000 | 31.08 | 43.50 | 12.42 | 100.0 | H | 234.0 | -21.3 |
| 287.001500 | 27.30 | 46.00 | 18.70 | 100.0 | H | 332.0 | -16.6 |
| 417.951500 | 29.90 | 46.00 | 16.10 | 100.0 | H | 347.0 | -13.5 |
| 624.076500 | 30.18 | 46.00 | 15.82 | 100.0 | H | 281.0 | -9.5 |
| 995.150000 | 36.84 | 54.00 | 17.16 | 100.0 | H | 202.0 | -3.8 |

Final Result

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

EUT Information

EUT Name: Bluetooth module
 Model: RABT_ATS2819
 Test Mode: BLE 1M_Mid channel
 Order No/Sample No: 168389208/A003324744-001
 Test Voltage: DC 3.3V
 Remark: Temp 22 Humi:52%
 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) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 37.498846 | 20.86 | 40.00 | 19.14 | 100.0 | V | 65.0 | -21.2 |
| 58.428462 | 25.45 | 40.00 | 14.55 | 100.0 | V | 343.0 | -19.1 |
| 96.445000 | 19.25 | 43.50 | 24.25 | 100.0 | V | 253.0 | -19.8 |
| 168.001154 | 17.53 | 43.50 | 25.97 | 100.0 | V | 308.0 | -21.7 |
| 305.218846 | 23.56 | 46.00 | 22.44 | 100.0 | V | 236.0 | -16.5 |
| 416.060000 | 24.82 | 46.00 | 21.18 | 100.0 | V | 73.0 | -13.8 |
| 869.646923 | 26.80 | 46.00 | 19.20 | 100.0 | V | 271.0 | -5.7 |

Final Result

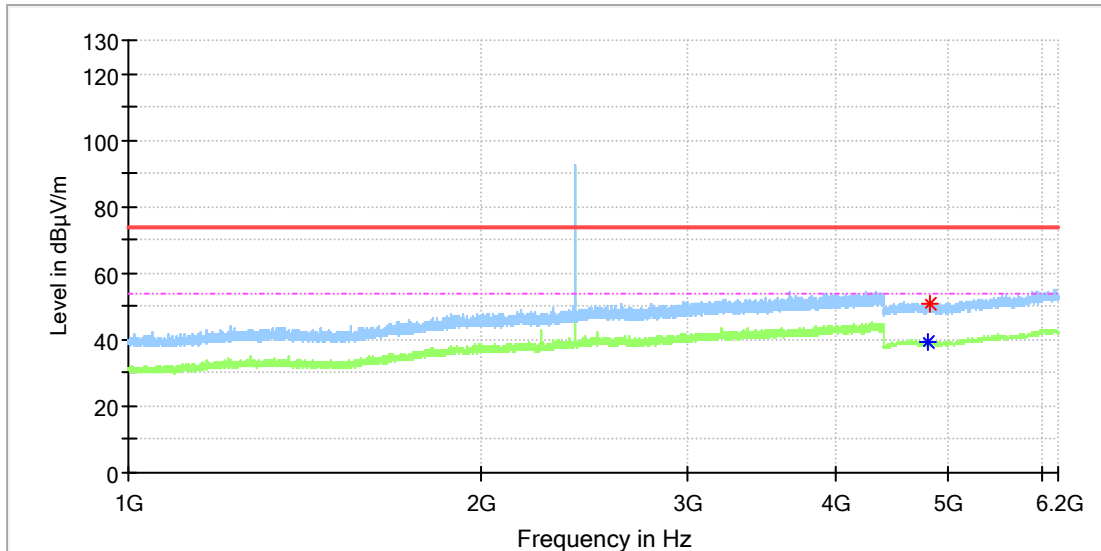
| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|----------------|-------------|-------------|-----|---------------|--------------|
| --- | --- | --- | --- | --- | | --- | --- |

1GHz - 18GHz

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

EUT Information

| | |
|---------------------|--------------------------|
| EUT Name: | Bluetooth module |
| Model: | RABT_ATS2819 |
| Test Mode: | BLE 1M_Low channel |
| Order No/Sample No: | 168389208/A003324744-001 |
| Test Voltage: | DC 3.3V |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

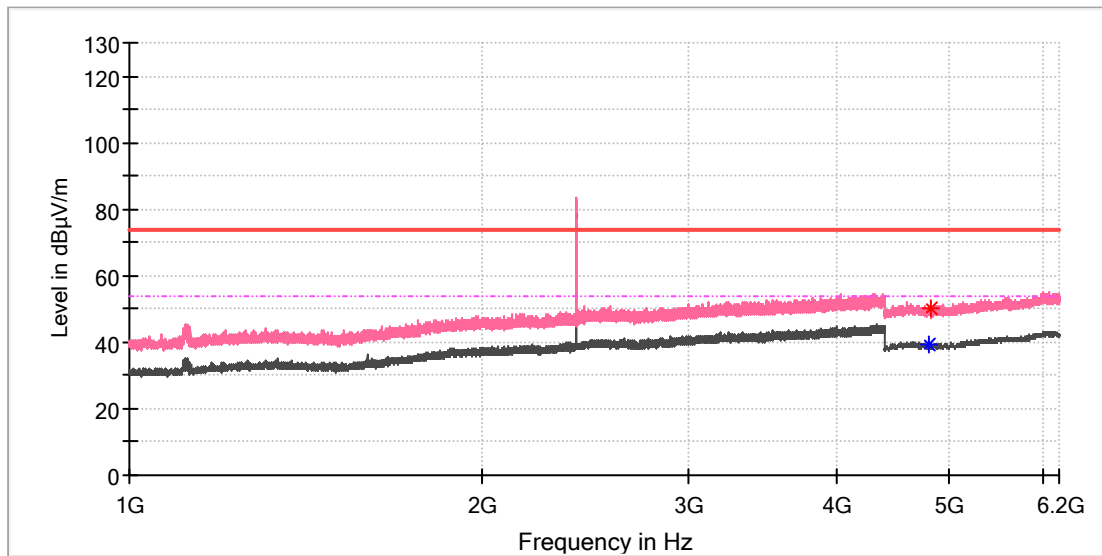
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4802.500000 | --- | 39.52 | 54.00 | 14.48 | 100.0 | H | 179.0 | 11.8 |
| 4814.500000 | 50.76 | --- | 74.00 | 23.24 | 100.0 | H | 340.0 | 11.8 |

Final Result

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

EUT Information

EUT Name: Bluetooth module
 Model: RABT_ATS2819
 Test Mode: BLE 1M_Low channel
 Order No/Sample No: 168389208/A003324744-001
 Test Voltage: DC 3.3V
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

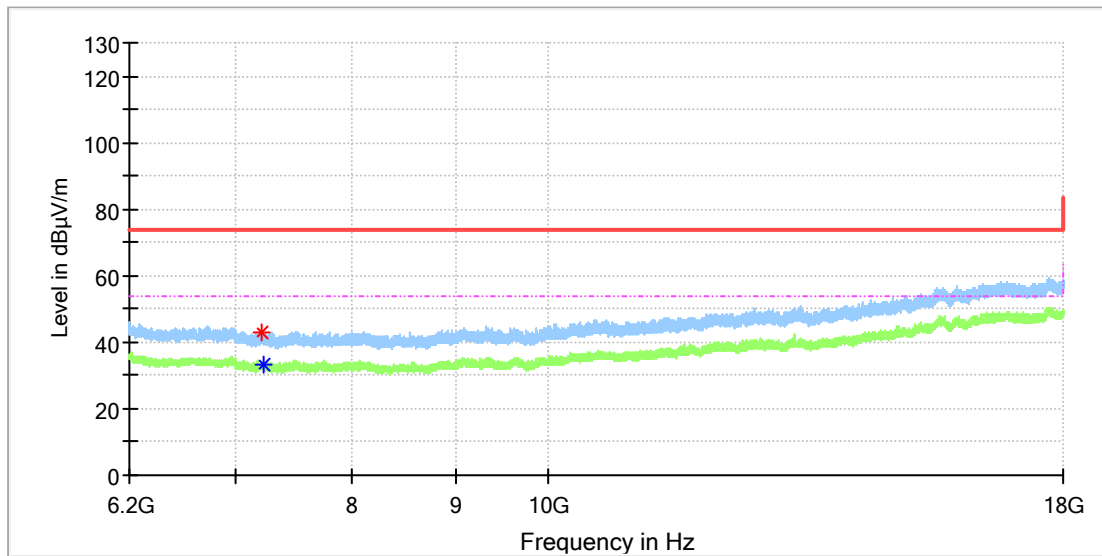
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4804.500000 | --- | 39.28 | 54.00 | 14.72 | 100.0 | V | 271.0 | 11.8 |
| 4817.000000 | 50.48 | --- | 74.00 | 23.52 | 100.0 | V | 180.0 | 11.8 |

Final Result

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

EUT Information

EUT Name: Bluetooth module
 Model: RABT_ATS2819
 Test Mode: BLE 1M_Low channel
 Order No/Sample No: 168389208/A003324744-001
 Test Voltage: DC 3.3V
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

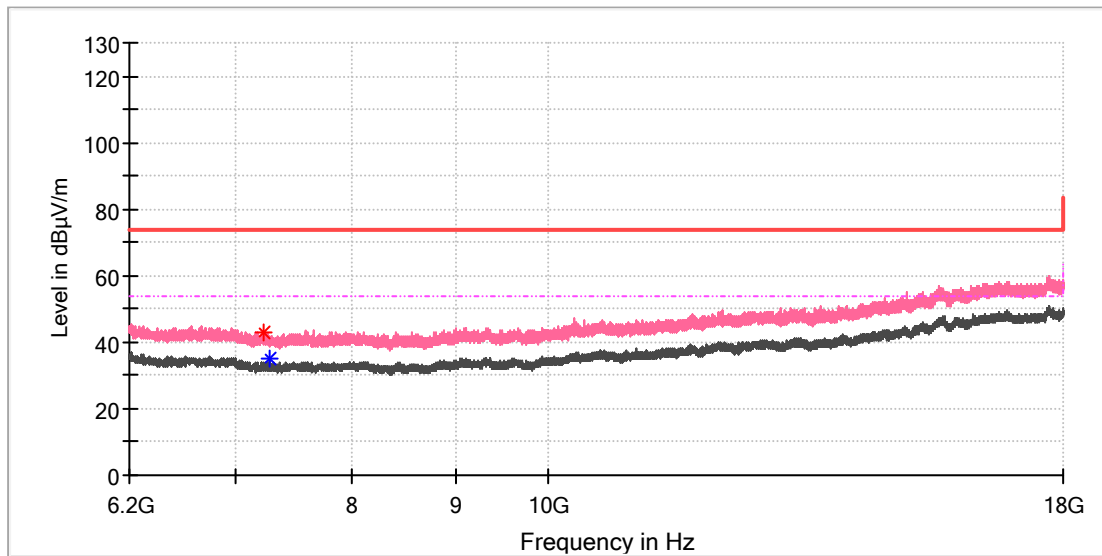
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7210.375000 | 42.64 | --- | 74.00 | 31.36 | 100.0 | H | 168.0 | 8.7 |
| 7228.075000 | --- | 33.52 | 54.00 | 20.48 | 100.0 | H | 264.0 | 8.7 |

Final Result

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

EUT Information

EUT Name: Bluetooth module
 Model: RABT_ATS2819
 Test Mode: BLE 1M_Low channel
 Order No/Sample No: 168389208/A003324744-001
 Test Voltage: DC 3.3V
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

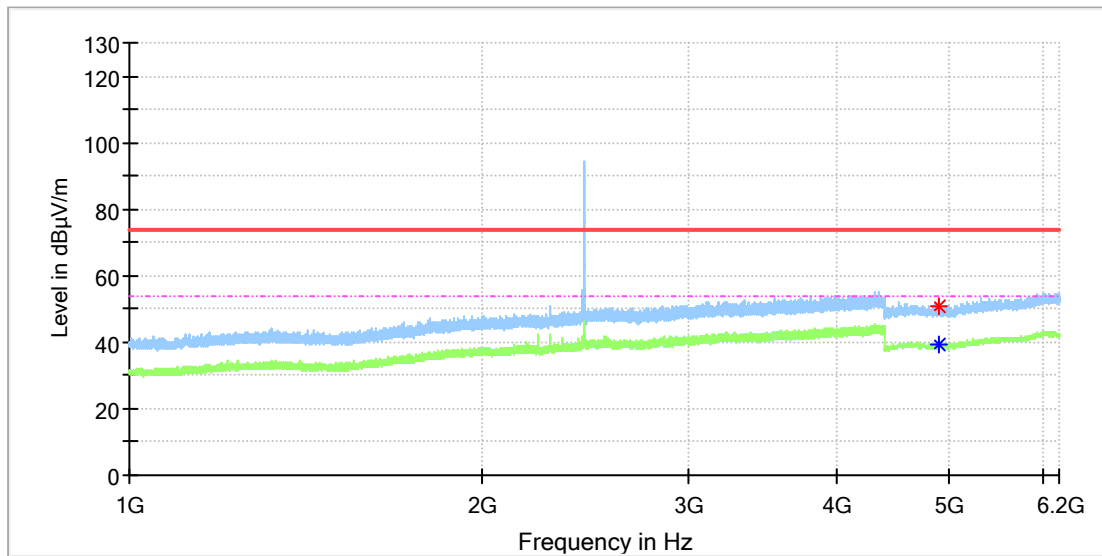
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7224.633333 | 42.83 | --- | 74.00 | 31.17 | 100.0 | V | 353.0 | 8.7 |
| 7273.800000 | --- | 35.05 | 54.00 | 18.95 | 100.0 | V | 179.0 | 8.4 |

Final Result

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

EUT Information

EUT Name: Bluetooth module
 Model: RABT_ATS2819
 Test Mode: BLE 1M_Mid channel
 Order No/Sample No: 168389208/A003324744-001
 Test Voltage: DC 3.3V
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

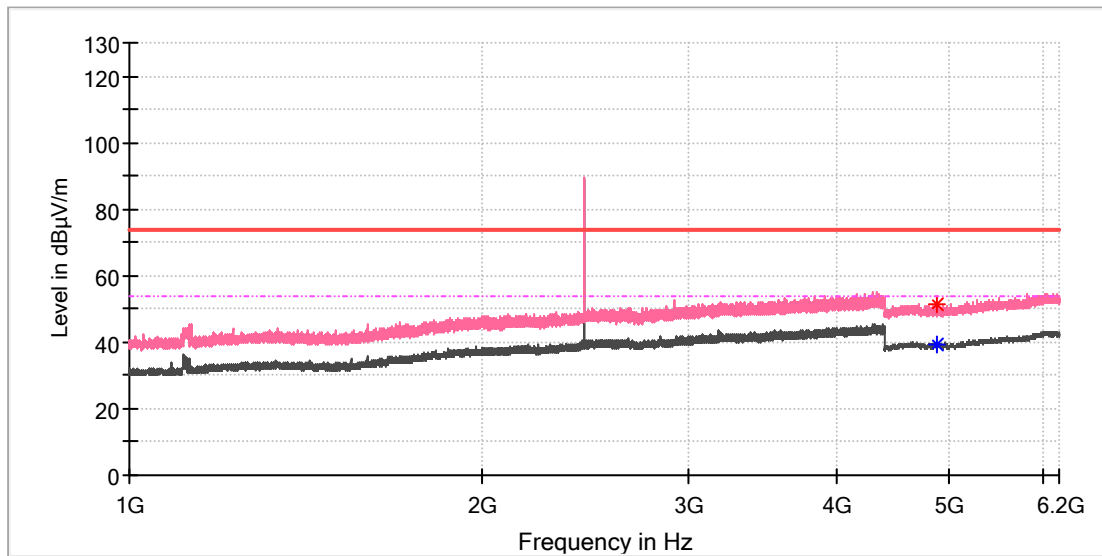
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4901.500000 | 50.94 | --- | 74.00 | 23.06 | 100.0 | H | 353.0 | 11.8 |
| 4904.000000 | --- | 39.38 | 54.00 | 14.62 | 100.0 | H | 127.0 | 11.8 |

Final Result

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

EUT Information

EUT Name: Bluetooth module
 Model: RABT_ATS2819
 Test Mode: BLE 1M_Mid channel
 Order No/Sample No: 168389208/A003324744-001
 Test Voltage: DC 3.3V
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

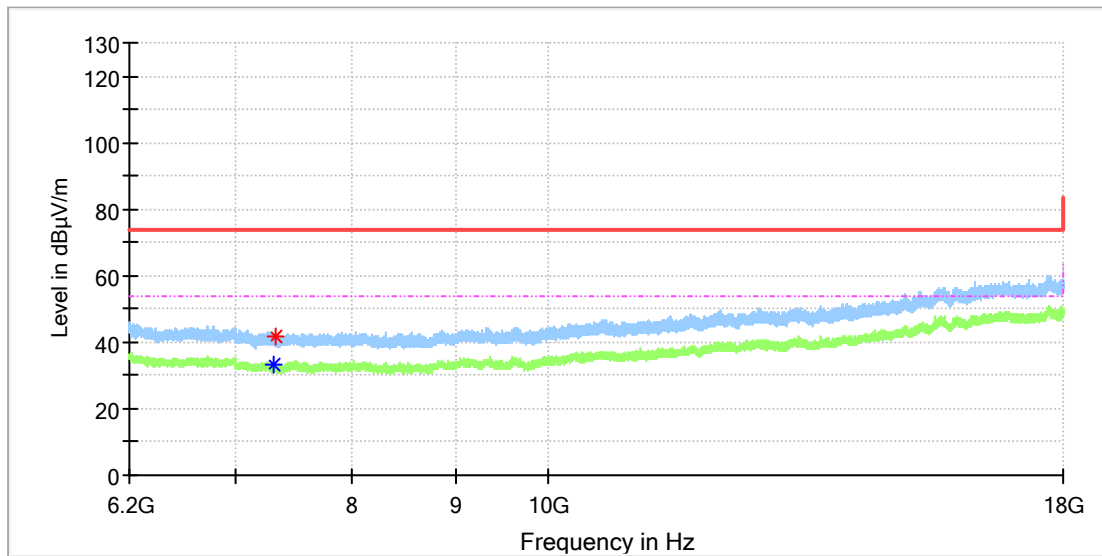
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4868.500000 | 51.23 | --- | 74.00 | 22.77 | 100.0 | V | 81.0 | 11.8 |
| 4872.000000 | --- | 39.30 | 54.00 | 14.70 | 100.0 | V | 318.0 | 11.8 |

Final Result

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

EUT Information

EUT Name: Bluetooth module
 Model: RABT_ATS2819
 Test Mode: BLE 1M_Mid channel
 Order No/Sample No: 168389208/A003324744-001
 Test Voltage: DC 3.3V
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

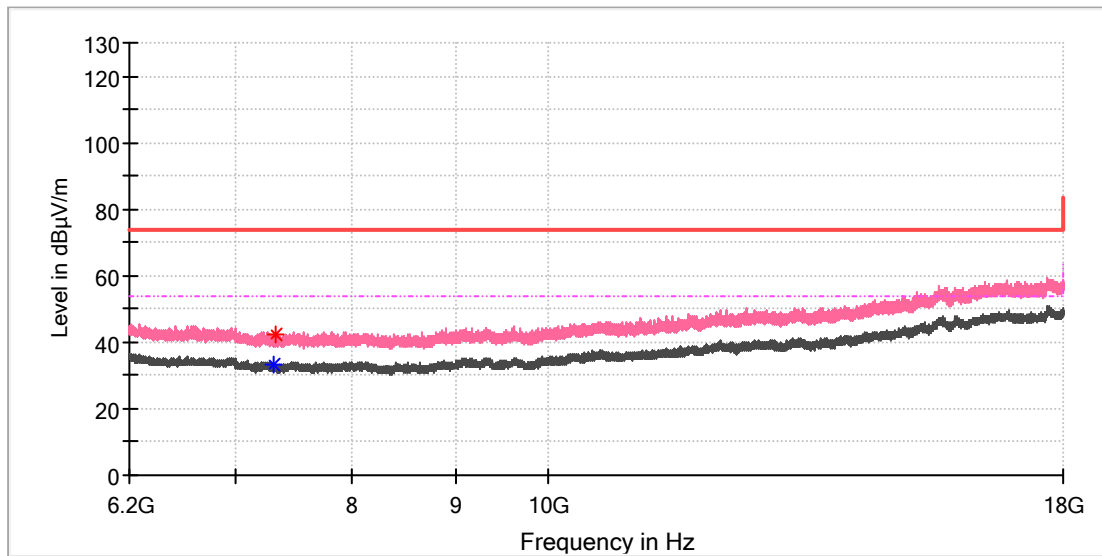
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7307.725000 | --- | 33.19 | 54.00 | 20.81 | 100.0 | H | 354.0 | 8.3 |
| 7334.766667 | 41.57 | --- | 74.00 | 32.43 | 100.0 | H | 110.0 | 8.1 |

Final Result

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

EUT Information

EUT Name: Bluetooth module
 Model: RABT_ATS2819
 Test Mode: BLE 1M_Mid channel
 Order No/Sample No: 168389208/A003324744-001
 Test Voltage: DC 3.3V
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

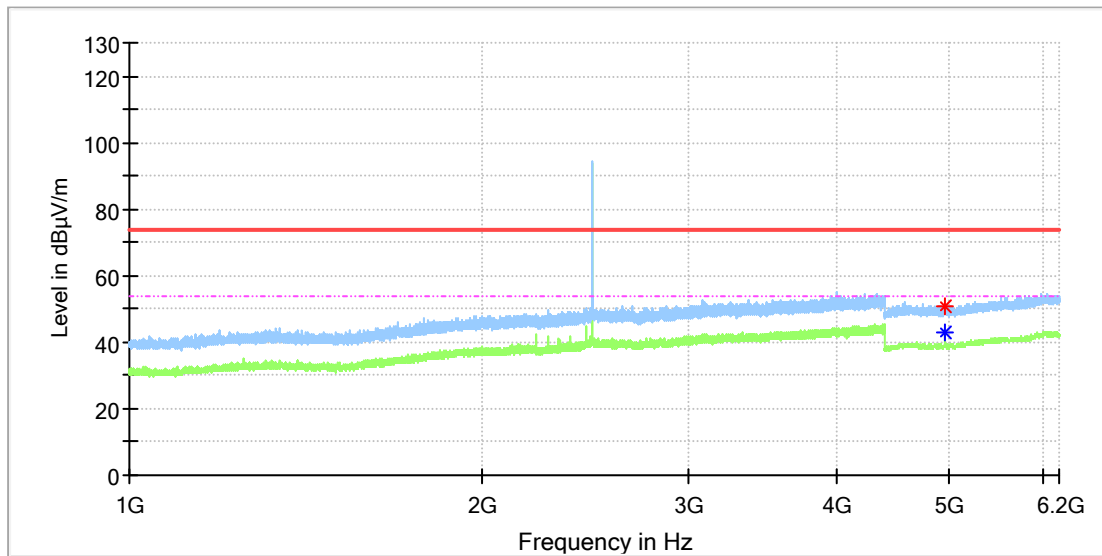
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7318.050000 | --- | 33.54 | 54.00 | 20.46 | 100.0 | V | 0.0 | 8.2 |
| 7325.425000 | 42.49 | --- | 74.00 | 31.51 | 100.0 | V | 65.0 | 8.2 |

Final Result

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

EUT Information

EUT Name: Bluetooth module
 Model: RABT_ATS2819
 Test Mode: BLE 1M_High channel
 Order No/Sample No: 168389208/A003324744-001
 Test Voltage: DC 3.3V
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

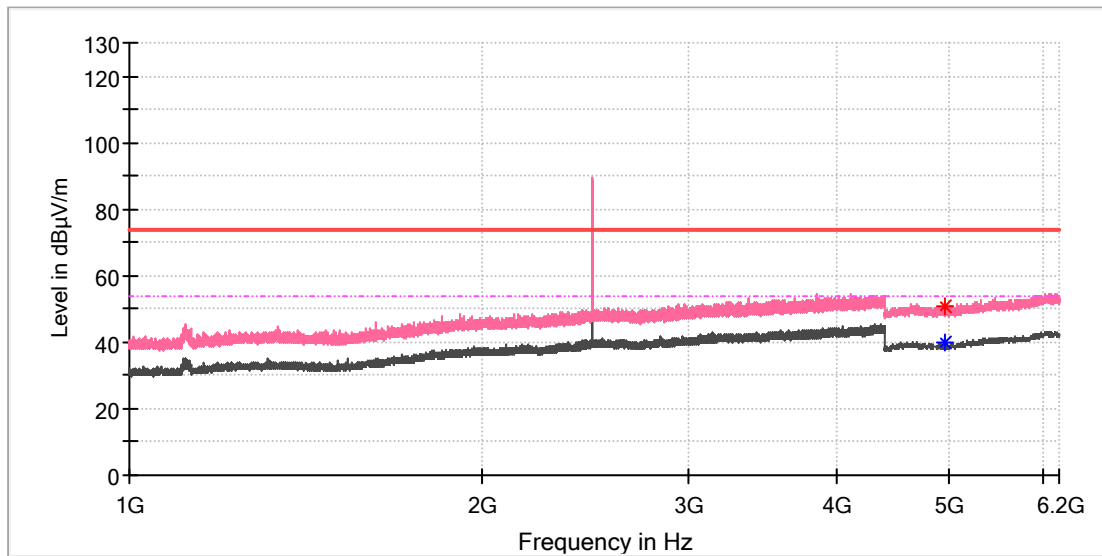
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4960.000000 | --- | 42.87 | 54.00 | 11.13 | 100.0 | H | 271.0 | 11.8 |
| 4960.500000 | 50.93 | --- | 74.00 | 23.07 | 100.0 | H | 328.0 | 11.8 |

Final Result

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

EUT Information

EUT Name: Bluetooth module
 Model: RABT_ATS2819
 Test Mode: BLE 1M_High channel
 Order No/Sample No: 168389208/A003324744-001
 Test Voltage: DC 3.3V
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

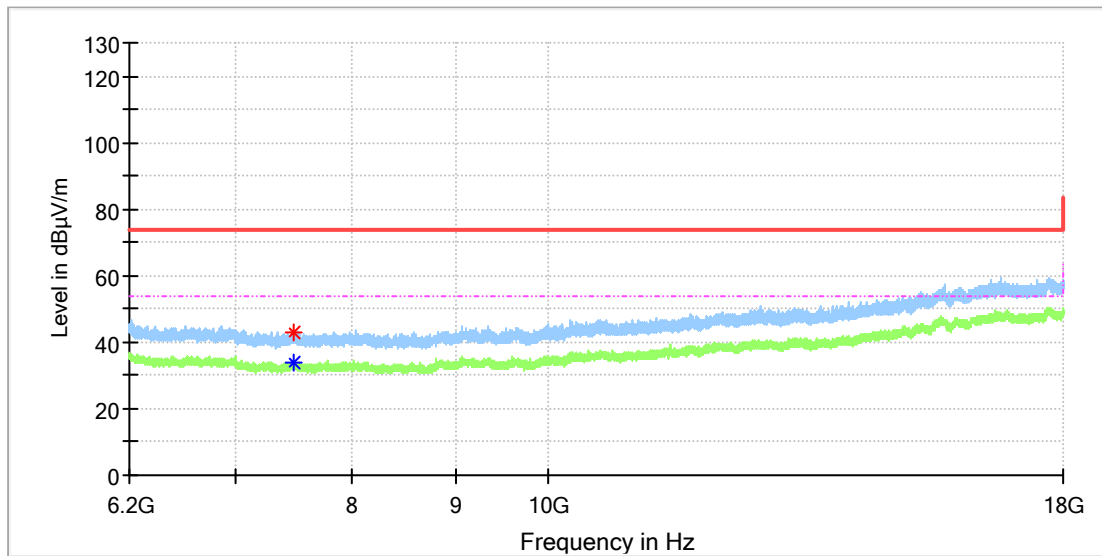
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4960.000000 | --- | 40.03 | 54.00 | 13.97 | 100.0 | V | 201.0 | 11.8 |
| 4960.500000 | 50.90 | --- | 74.00 | 23.10 | 100.0 | V | 236.0 | 11.8 |

Final Result

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

EUT Information

EUT Name: Bluetooth module
 Model: RABT_ATS2819
 Test Mode: BLE 1M_High channel
 Order No/Sample No: 168389208/A003324744-001
 Test Voltage: DC 3.3V
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

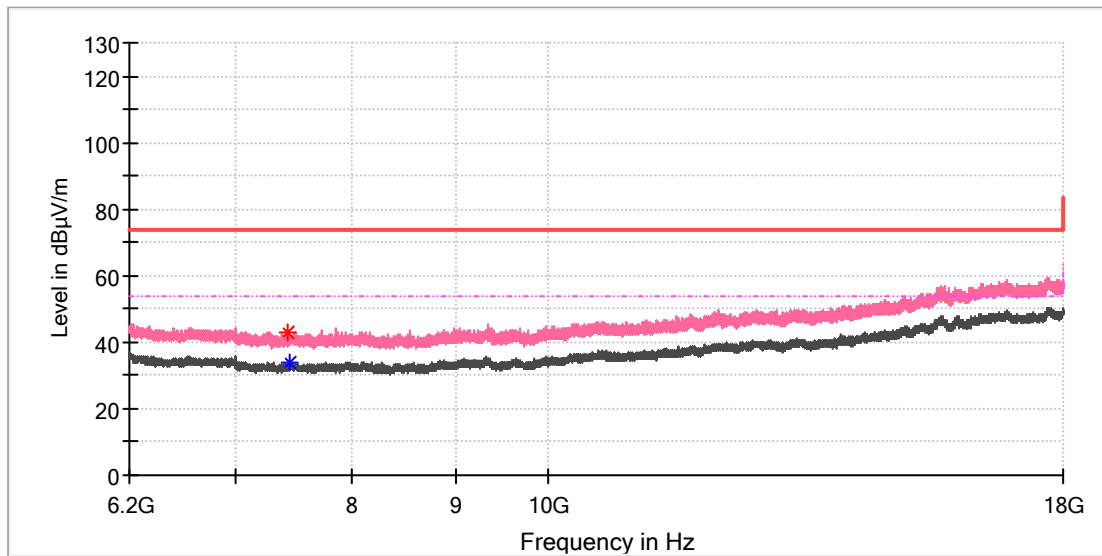
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7477.841667 | 43.01 | --- | 74.00 | 30.99 | 100.0 | H | 0.0 | 8.6 |
| 7477.841667 | --- | 34.10 | 54.00 | 19.90 | 100.0 | H | 0.0 | 8.6 |

Final Result

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

EUT Information

| | |
|---------------------|--------------------------|
| EUT Name: | Bluetooth module |
| Model: | RABT_ATS2819 |
| Test Mode: | BLE 1M_High channel |
| Order No/Sample No: | 168389208/A003324744-001 |
| Test Voltage: | DC 3.3V |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7422.283333 | 42.92 | --- | 74.00 | 31.08 | 100.0 | V | 222.0 | 8.4 |
| 7442.441667 | --- | 33.72 | 54.00 | 20.28 | 100.0 | V | 328.0 | 8.4 |

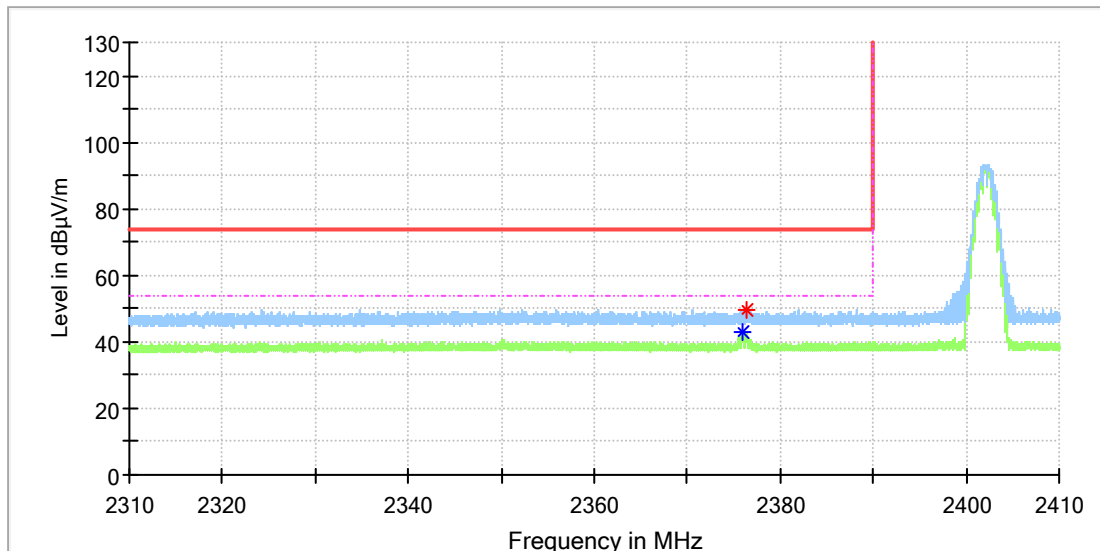
Final Result

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

Appendix C.6: Test Results of Radiated Emissions in Restricted Bands

EUT Information

| | |
|---------------------|--------------------------|
| EUT Name: | Bluetooth module |
| Model: | RABT_ATS2819 |
| Test Mode: | BLE 1M_Low channel |
| Order No/Sample No: | 168389208/A003324744-001 |
| Test Voltage: | DC 3.3V |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

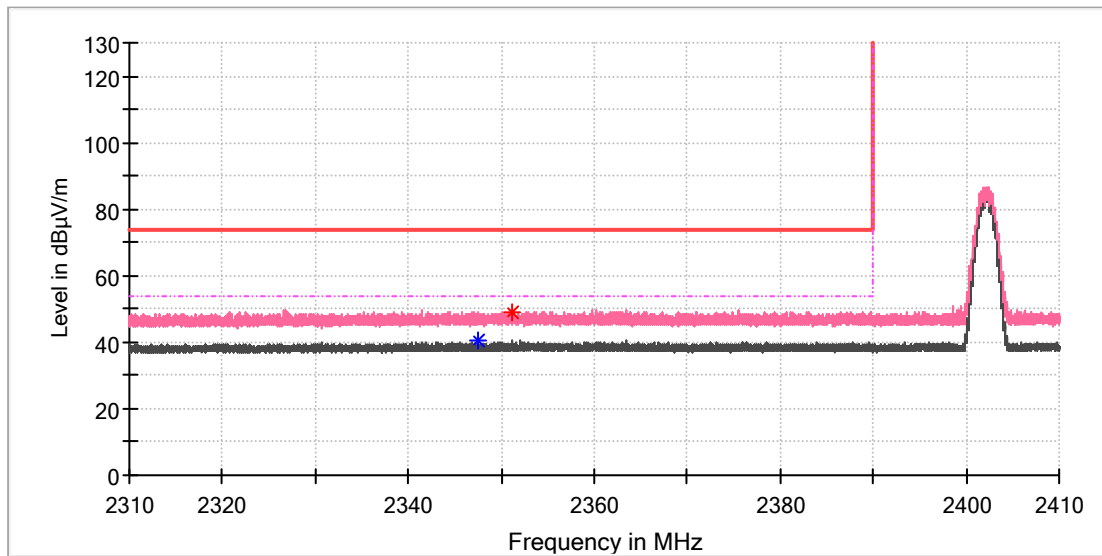
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2375.960000 | --- | 43.05 | 54.00 | 10.95 | 100.0 | H | 223.0 | 6.9 |
| 2376.290000 | 49.58 | --- | 74.00 | 24.42 | 100.0 | H | 304.0 | 6.9 |

Final Result

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

EUT Information

| | |
|---------------------|--------------------------|
| EUT Name: | Bluetooth module |
| Model: | RABT_ATS2819 |
| Test Mode: | BLE 1M_Low channel |
| Order No/Sample No: | 168389208/A003324744-001 |
| Test Voltage: | DC 3.3V |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

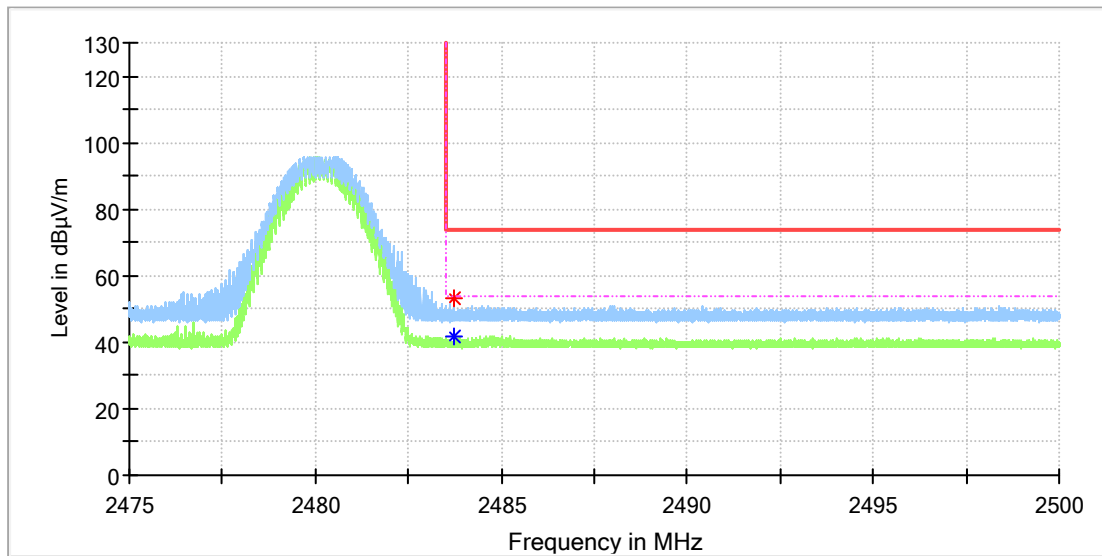
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2347.580000 | --- | 40.22 | 54.00 | 13.78 | 100.0 | V | 302.0 | 6.9 |
| 2351.220000 | 49.08 | --- | 74.00 | 24.92 | 100.0 | V | 357.0 | 6.9 |

Final Result

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

EUT Information

EUT Name: Bluetooth module
 Model: RABT_ATS2819
 Test Mode: BLE 1M_High channel
 Order No/Sample No: 168389208/A003324744-001
 Test Voltage: DC 3.3V
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

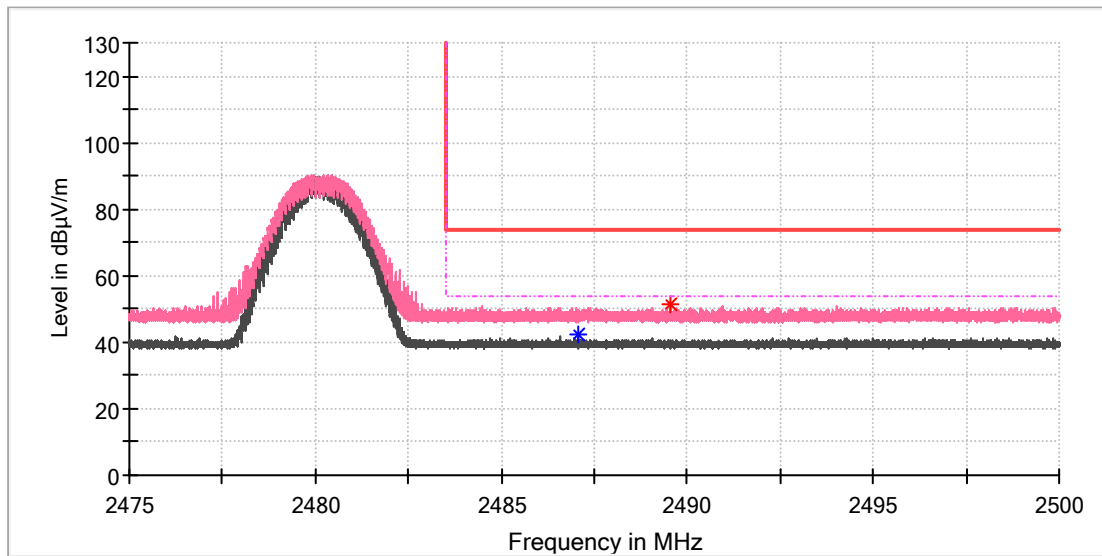
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.717500 | --- | 41.51 | 54.00 | 12.49 | 100.0 | H | 290.0 | 7.4 |
| 2483.723750 | 53.22 | --- | 74.00 | 20.78 | 100.0 | H | 309.0 | 7.4 |

Final Result

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

EUT Information

| | |
|---------------------|--------------------------|
| EUT Name: | Bluetooth module |
| Model: | RABT_ATS2819 |
| Test Mode: | BLE 1M_High channel |
| Order No/Sample No: | 168389208/A003324744-001 |
| Test Voltage: | DC 3.3V |
| Remark: | Temp 22 Humi:52% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2487.065000 | --- | 42.18 | 54.00 | 11.82 | 100.0 | V | 269.0 | 7.4 |
| 2489.557500 | 51.18 | --- | 74.00 | 22.82 | 100.0 | V | 53.0 | 7.4 |

Final Result

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