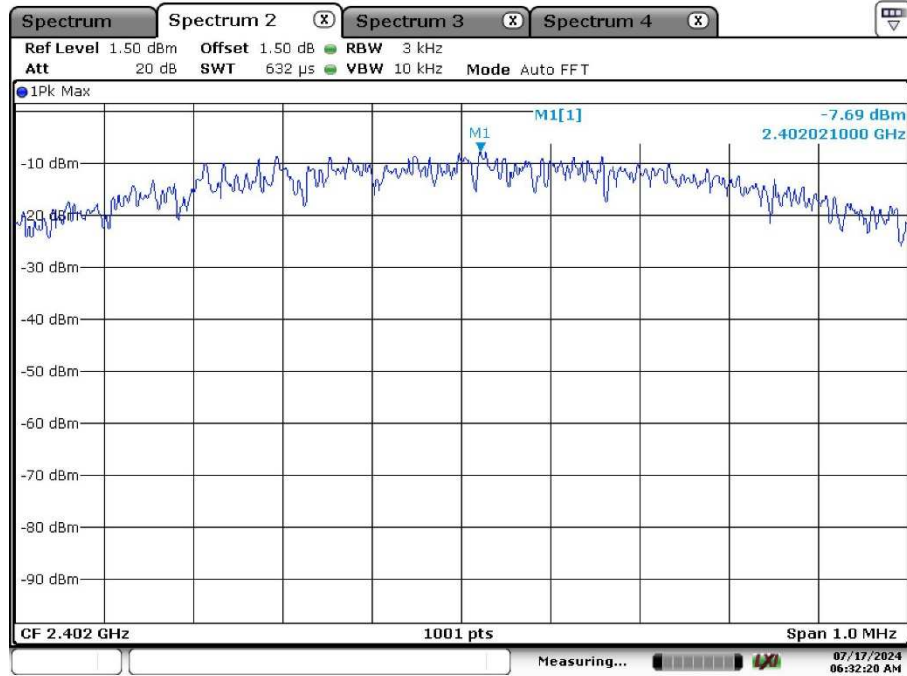


Appendix B: Test Results of Bluetooth LE

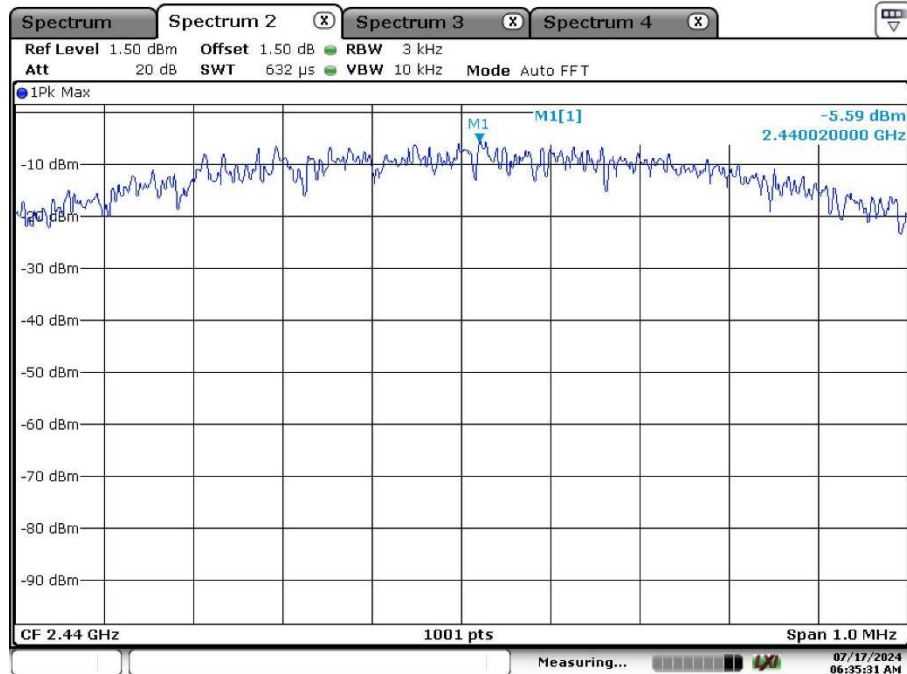
| | |
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Appendix B.1: Test Results of Conducted Power Spectral Density

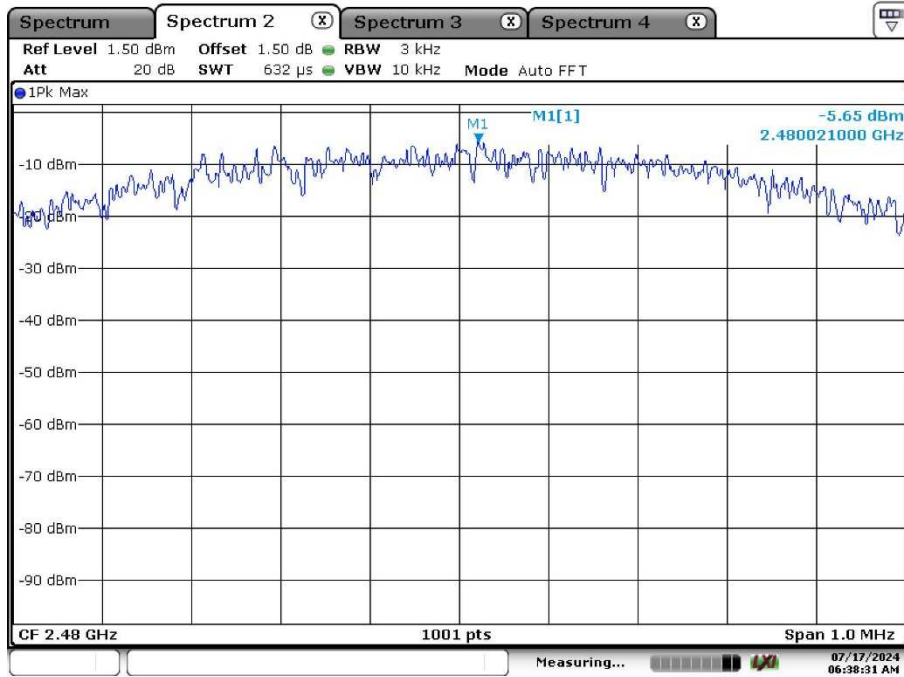
Bluetooth LE Mode, 1Mbps



Date: 17.JUL.2024 06:32:20

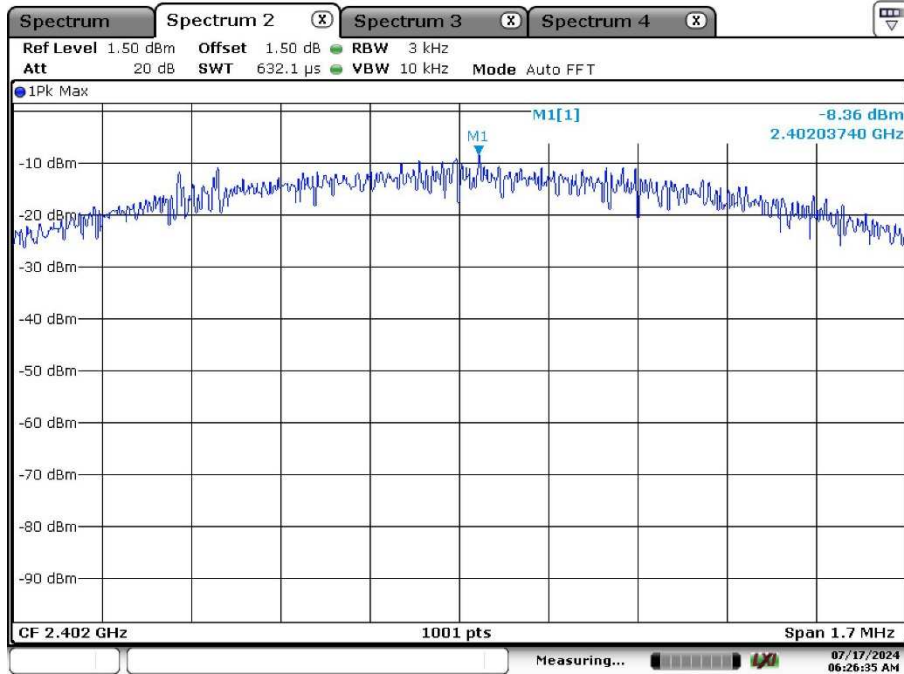


Date: 17.JUL.2024 06:35:31

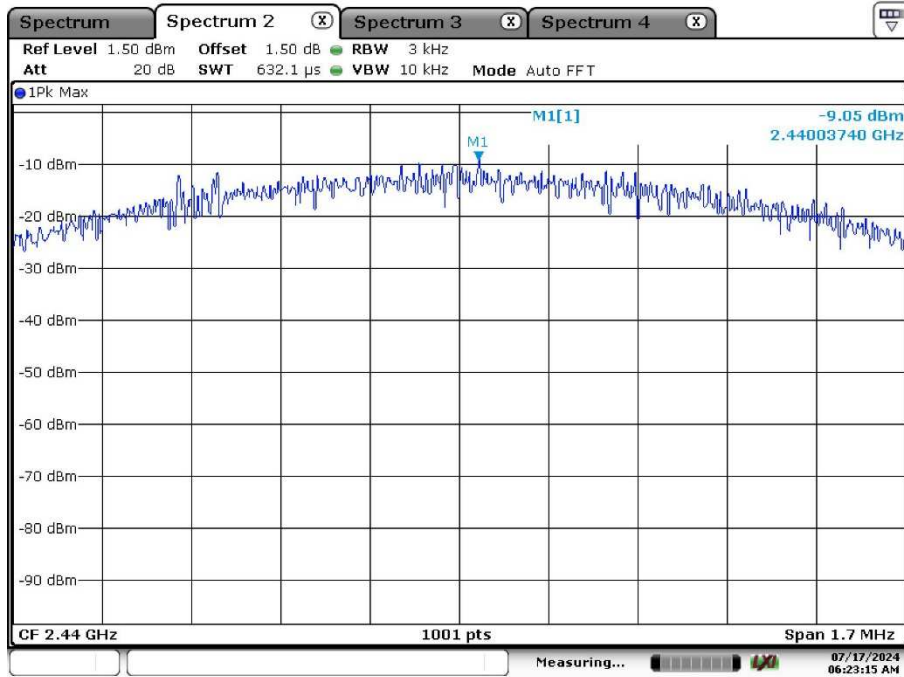


Date: 17.JUL.2024 06:38:31

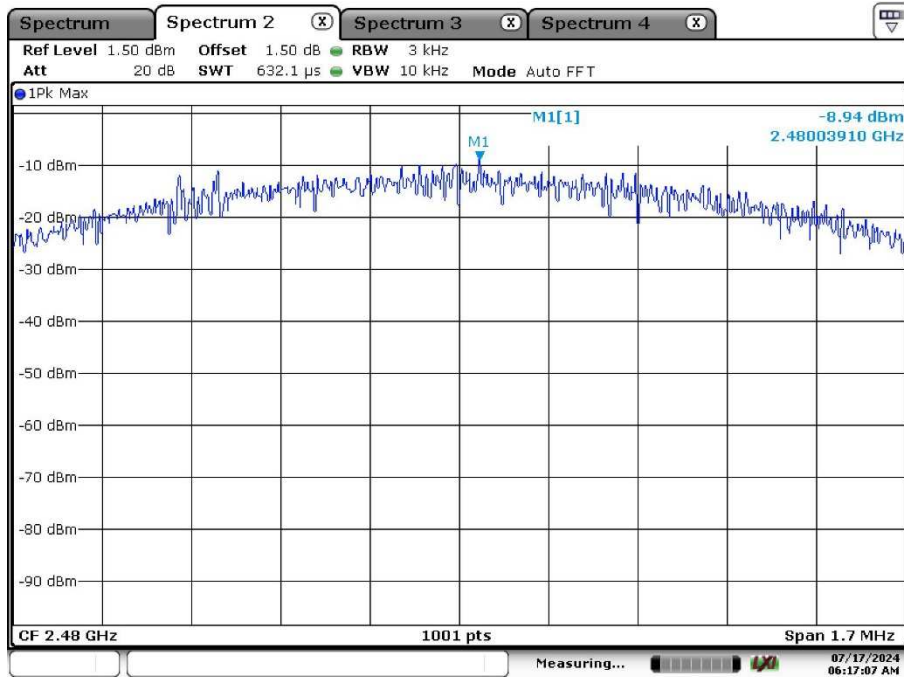
Bluetooth LE Mode, 2Mbps



Date: 17.JUL.2024 06:26:35



Date: 17.JUL.2024 06:23:15



Date: 17.JUL.2024 06:17:07

| TestMode | Antenna | Channel | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|---------|---------|------------------|-----------------|---------|
| BLE 1Mbps | Ant1 | 2402 | -7.69 | ≤8 | PASS |
| | | 2440 | -5.59 | ≤8 | PASS |
| | | 2480 | -5.65 | ≤8 | PASS |
| BLE 2Mbps | | 2402 | -8.36 | ≤8 | PASS |
| | | 2440 | -9.05 | ≤8 | PASS |
| | | 2480 | -8.94 | ≤8 | PASS |

Appendix B.2: Test Results of 6dB Bandwidth

Bluetooth LE Mode, 1Mbps

Minimum Emission Bandwidth 6 dB (2402 MHz; 20.000 dBm; 1 MHz)

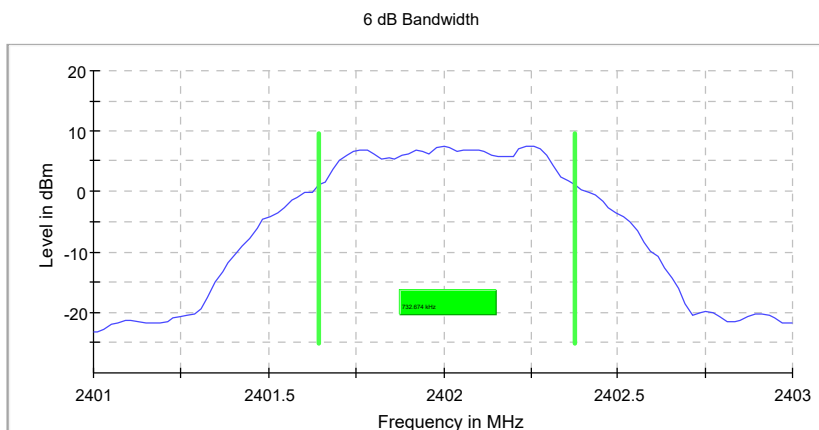
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2402.000000 | 0.732674 | 0.500000 | --- | 2401.643564 | 2402.376238 |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 2402.000000 | 7.6 | PASS |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 2.40100 GHz | 2.40100 GHz |
| Stop Frequency | 2.40300 GHz | 2.40300 GHz |
| Span | 2.000 MHz | 2.000 MHz |
| RBW | 100.000 kHz | ~ 100.000 kHz |
| VBW | 300.000 kHz | ~ 300.000 kHz |
| SweepPoints | 101 | ~ 40 |
| Sweeptime | 18.938 µs | AUTO |
| Reference Level | 0.000 dBm | 0.000 dBm |
| Attenuation | 20.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 100 | 100 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.50 dB | 0.50 dB |
| Run | 12 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.00 dB | 0.50 dB |

Minimum Emission Bandwidth 6 dB (2440 MHz; 20.000 dBm; 1 MHz)

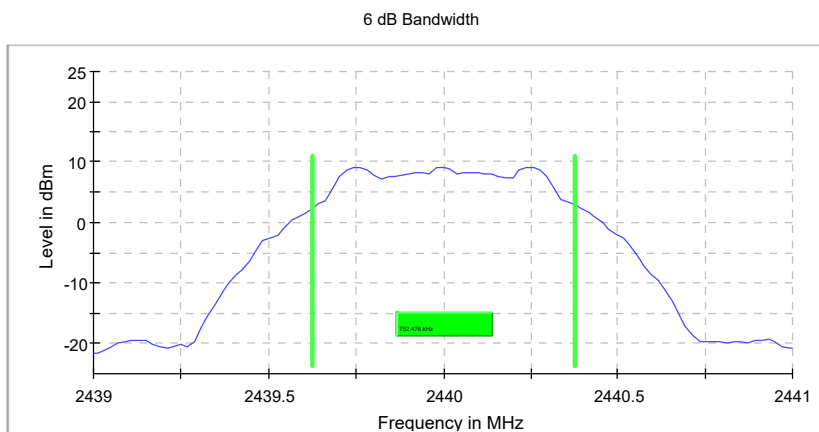
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2440.000000 | 0.752476 | 0.500000 | --- | 2439.623762 | 2440.376238 |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 2440.000000 | 9.2 | PASS |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 2.43900 GHz | 2.43900 GHz |
| Stop Frequency | 2.44100 GHz | 2.44100 GHz |
| Span | 2.000 MHz | 2.000 MHz |
| RBW | 100.000 kHz | ~ 100.000 kHz |
| VBW | 300.000 kHz | ~ 300.000 kHz |
| SweepPoints | 101 | ~ 40 |
| Sweeptime | 18.938 µs | AUTO |
| Reference Level | 0.000 dBm | 0.000 dBm |
| Attenuation | 20.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 100 | 100 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.50 dB | 0.50 dB |
| Run | 13 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.02 dB | 0.50 dB |

Minimum Emission Bandwidth 6 dB (2480 MHz; 20.000 dBm; 1 MHz)

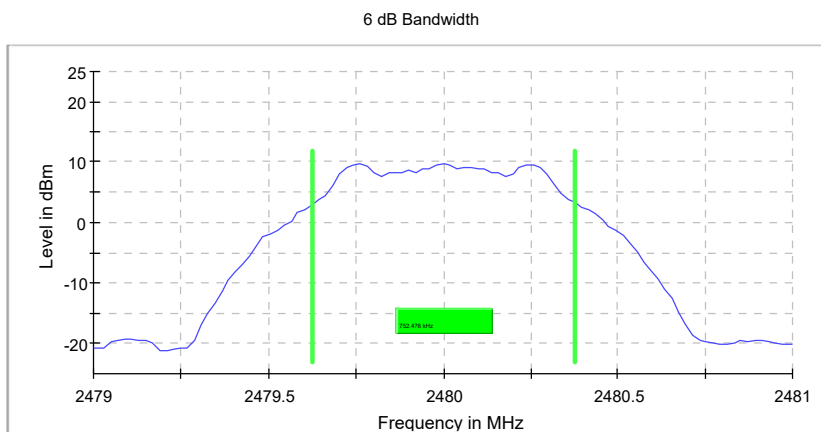
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2480.000000 | 0.752476 | 0.500000 | --- | 2479.623762 | 2480.376238 |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 2480.000000 | 9.7 | PASS |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 2.47900 GHz | 2.47900 GHz |
| Stop Frequency | 2.48100 GHz | 2.48100 GHz |
| Span | 2.000 MHz | 2.000 MHz |
| RBW | 100.000 kHz | ~ 100.000 kHz |
| VBW | 300.000 kHz | ~ 300.000 kHz |
| SweepPoints | 101 | ~ 40 |
| Sweeptime | 18.938 µs | AUTO |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 100 | 100 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| SweepType | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.50 dB | 0.50 dB |
| Run | 15 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.30 dB | 0.50 dB |

Bluetooth LE Mode, 2Mbps

Minimum Emission Bandwidth 6 dB (2402 MHz; 20.000 dBm; 2 MHz)

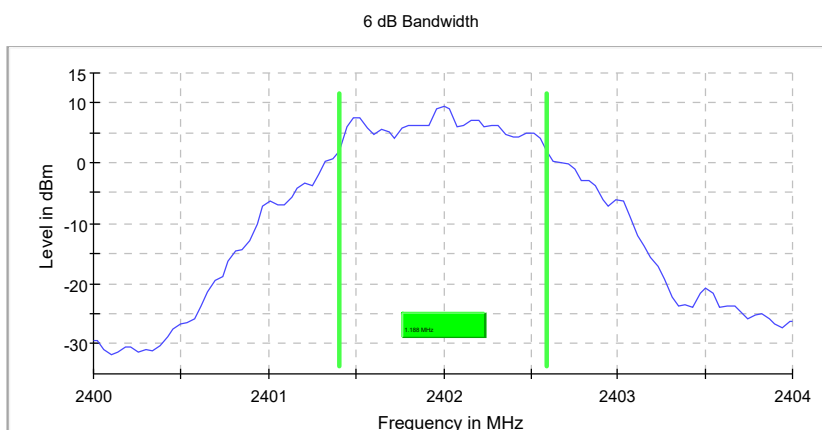
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2402.000000 | 1.188118 | 0.500000 | --- | 2401.405941 | 2402.594059 |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 2402.000000 | 9.5 | PASS |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 2.40000 GHz | 2.40000 GHz |
| Stop Frequency | 2.40400 GHz | 2.40400 GHz |
| Span | 4.000 MHz | 4.000 MHz |
| RBW | 100.000 kHz | ~ 100.000 kHz |
| VBW | 300.000 kHz | ~ 300.000 kHz |
| SweepPoints | 101 | ~ 80 |
| Sweeptime | 18.938 µs | AUTO |
| Reference Level | 0.000 dBm | 0.000 dBm |
| Attenuation | 20.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 100 | 100 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.50 dB | 0.50 dB |
| Run | 14 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.23 dB | 0.50 dB |

Minimum Emission Bandwidth 6 dB (2440 MHz; 20.000 dBm; 2 MHz)

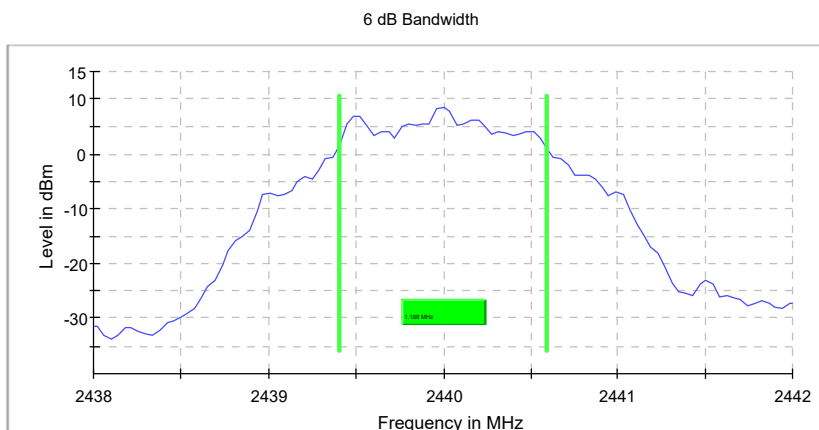
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2440.000000 | 1.188118 | 0.500000 | --- | 2439.405941 | 2440.594059 |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 2440.000000 | 8.5 | PASS |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 2.43800 GHz | 2.43800 GHz |
| Stop Frequency | 2.44200 GHz | 2.44200 GHz |
| Span | 4.000 MHz | 4.000 MHz |
| RBW | 100.000 kHz | ~ 100.000 kHz |
| VBW | 300.000 kHz | ~ 300.000 kHz |
| SweepPoints | 101 | ~ 80 |
| Sweeptime | 18.938 µs | AUTO |
| Reference Level | 0.000 dBm | 0.000 dBm |
| Attenuation | 20.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 100 | 100 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.50 dB | 0.50 dB |
| Run | 9 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.02 dB | 0.50 dB |

Minimum Emission Bandwidth 6 dB (2480 MHz; 20.000 dBm; 2 MHz)

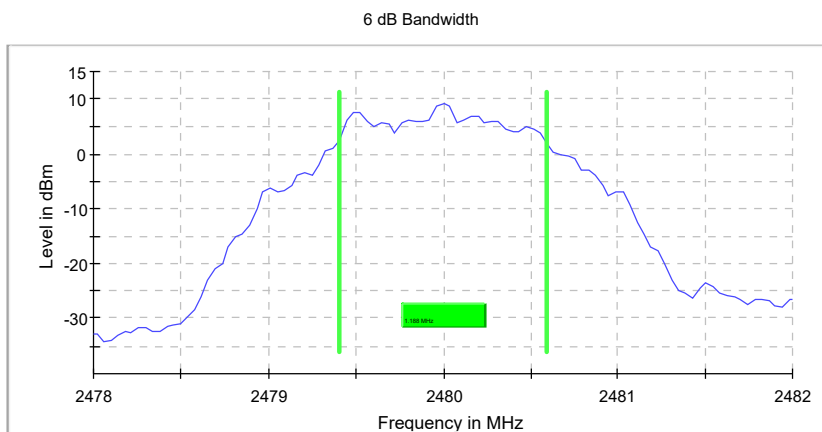
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2480.000000 | 1.188118 | 0.500000 | --- | 2479.405941 | 2480.594059 |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 2480.000000 | 9.1 | PASS |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 2.47800 GHz | 2.47800 GHz |
| Stop Frequency | 2.48200 GHz | 2.48200 GHz |
| Span | 4.000 MHz | 4.000 MHz |
| RBW | 100.000 kHz | ~ 100.000 kHz |
| VBW | 300.000 kHz | ~ 300.000 kHz |
| SweepPoints | 101 | ~ 80 |
| Sweeptime | 18.938 µs | AUTO |
| Reference Level | 0.000 dBm | 0.000 dBm |
| Attenuation | 20.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 100 | 100 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| SweepType | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.50 dB | 0.50 dB |
| Run | 16 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.00 dB | 0.50 dB |

Appendix B.3: Test Results of 99% Bandwidth

Bluetooth LE Mode, 1Mbps

Occupied Channel Bandwidth 99% (2402 MHz; 20.000 dBm; 1 MHz)

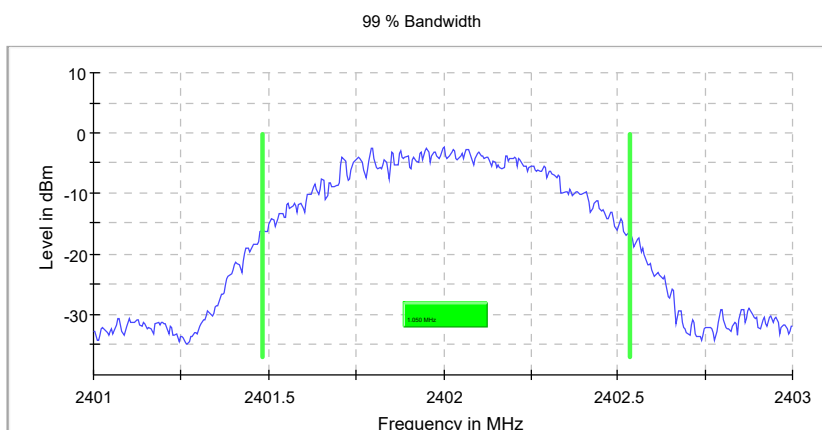
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2402.000000 | 1.050000 | --- | --- | 2401.482500 | 2402.532500 |

(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 2402.000000 | PASS |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 2.40100 GHz | 2.40100 GHz |
| Stop Frequency | 2.40300 GHz | 2.40300 GHz |
| Span | 2.000 MHz | 2.000 MHz |
| RBW | 10.000 kHz | >= 10.000 kHz |
| VBW | 30.000 kHz | >= 30.000 kHz |
| SweepPoints | 400 | ~ 400 |
| Sweeptime | 189.648 µs | AUTO |
| Reference Level | 0.000 dBm | 0.000 dBm |
| Attenuation | 20.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 100 | 100 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 10 / max. 150 | max. 150 |
| Stable | 3 / 3 | 3 |
| Max Stable Difference | 0.10 dB | 0.30 dB |

Occupied Channel Bandwidth 99% (2440 MHz; 20.000 dBm; 1 MHz)

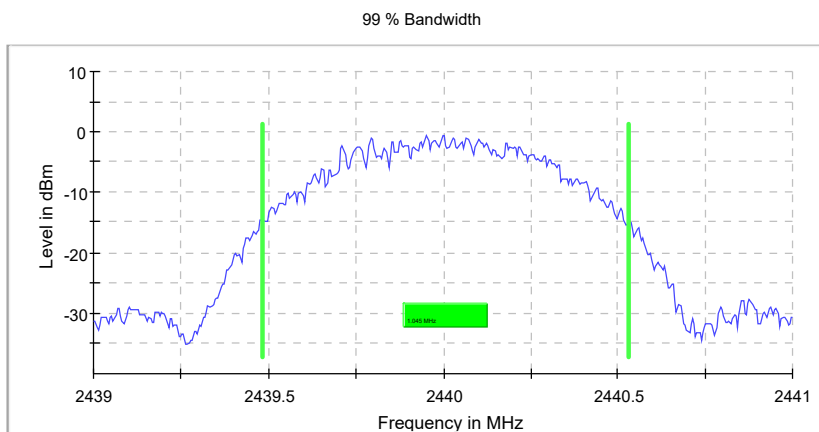
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2440.000000 | 1.045000 | --- | --- | 2439.482500 | 2440.527500 |

(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 2440.000000 | PASS |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 2.43900 GHz | 2.43900 GHz |
| Stop Frequency | 2.44100 GHz | 2.44100 GHz |
| Span | 2.000 MHz | 2.000 MHz |
| RBW | 10.000 kHz | >= 10.000 kHz |
| VBW | 30.000 kHz | >= 30.000 kHz |
| SweepPoints | 400 | ~ 400 |
| Sweeptime | 189.648 µs | AUTO |
| Reference Level | 0.000 dBm | 0.000 dBm |
| Attenuation | 20.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 100 | 100 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 8 / max. 150 | max. 150 |
| Stable | 3 / 3 | 3 |
| Max Stable Difference | 0.16 dB | 0.30 dB |

Occupied Channel Bandwidth 99% (2480 MHz; 20.000 dBm; 1 MHz)

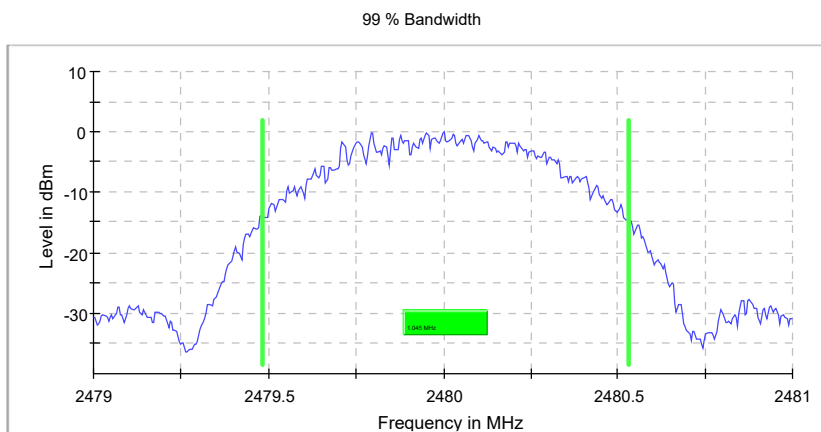
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2480.000000 | 1.045000 | --- | --- | 2479.482500 | 2480.527500 |

(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 2480.000000 | PASS |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 2.47900 GHz | 2.47900 GHz |
| Stop Frequency | 2.48100 GHz | 2.48100 GHz |
| Span | 2.000 MHz | 2.000 MHz |
| RBW | 10.000 kHz | >= 10.000 kHz |
| VBW | 30.000 kHz | >= 30.000 kHz |
| SweepPoints | 400 | ~ 400 |
| Sweeptime | 189.648 µs | AUTO |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 100 | 100 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 10 / max. 150 | max. 150 |
| Stable | 3 / 3 | 3 |
| Max Stable Difference | 0.08 dB | 0.30 dB |

Bluetooth LE Mode, 2Mbps

Occupied Channel Bandwidth 99% (2402 MHz; 20.000 dBm; 2 MHz)

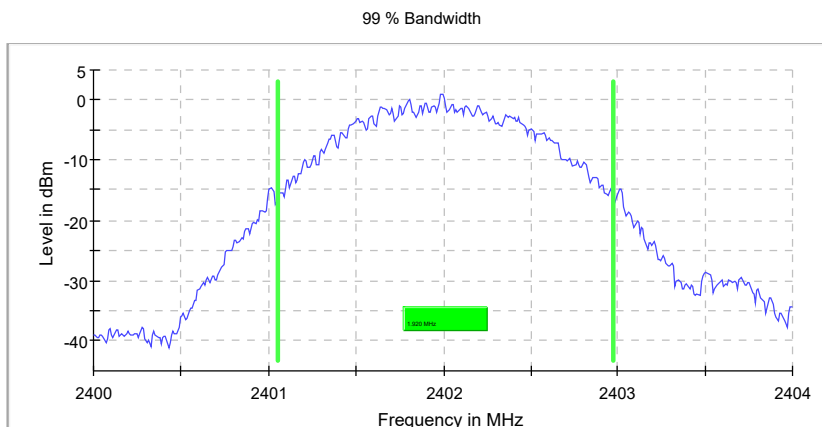
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2402.000000 | 1.920000 | --- | --- | 2401.055000 | 2402.975000 |

(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 2402.000000 | PASS |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 2.40000 GHz | 2.40000 GHz |
| Stop Frequency | 2.40400 GHz | 2.40400 GHz |
| Span | 4.000 MHz | 4.000 MHz |
| RBW | 20.000 kHz | >= 20.000 kHz |
| VBW | 100.000 kHz | >= 60.000 kHz |
| SweepPoints | 400 | ~ 400 |
| Sweptime | 94.824 µs | AUTO |
| Reference Level | 0.000 dBm | 0.000 dBm |
| Attenuation | 20.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 100 | 100 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 6 / max. 150 | max. 150 |
| Stable | 3 / 3 | 3 |
| Max Stable Difference | 0.15 dB | 0.30 dB |

Occupied Channel Bandwidth 99% (2440 MHz; 20.000 dBm; 2 MHz)

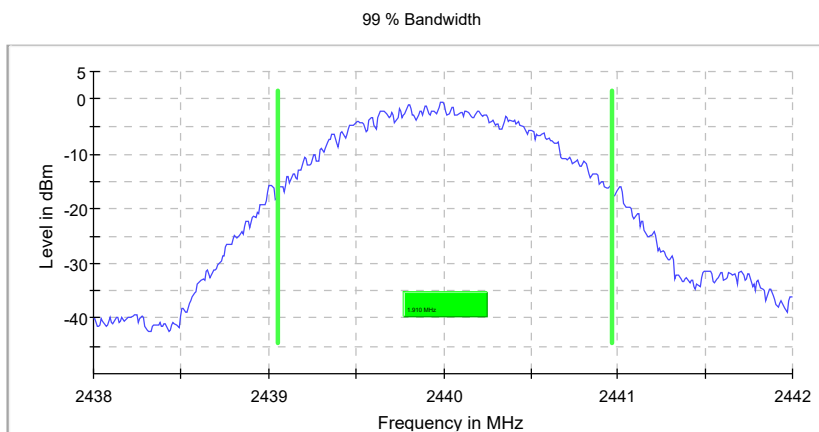
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2440.000000 | 1.910000 | --- | --- | 2439.055000 | 2440.965000 |

(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 2440.000000 | PASS |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 2.43800 GHz | 2.43800 GHz |
| Stop Frequency | 2.44200 GHz | 2.44200 GHz |
| Span | 4.000 MHz | 4.000 MHz |
| RBW | 20.000 kHz | >= 20.000 kHz |
| VBW | 100.000 kHz | >= 60.000 kHz |
| SweepPoints | 400 | ~ 400 |
| Sweeptime | 94.824 µs | AUTO |
| Reference Level | 0.000 dBm | 0.000 dBm |
| Attenuation | 20.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 100 | 100 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| SweepType | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 8 / max. 150 | max. 150 |
| Stable | 3 / 3 | 3 |
| Max Stable Difference | 0.19 dB | 0.30 dB |

Occupied Channel Bandwidth 99% (2480 MHz; 20.000 dBm; 2 MHz)

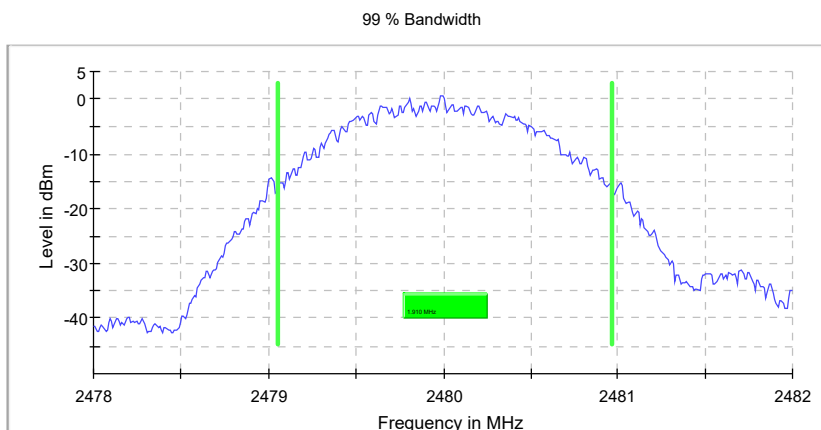
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2480.000000 | 1.910000 | --- | --- | 2479.055000 | 2480.965000 |

(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 2480.000000 | PASS |



Measurement

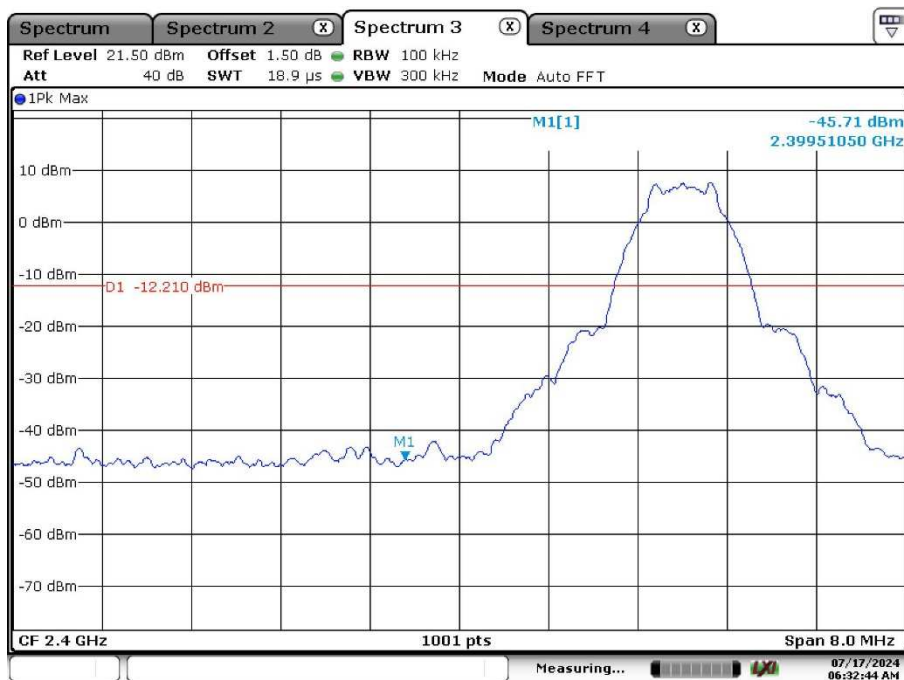
| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 2.47800 GHz | 2.47800 GHz |
| Stop Frequency | 2.48200 GHz | 2.48200 GHz |
| Span | 4.000 MHz | 4.000 MHz |
| RBW | 20.000 kHz | >= 20.000 kHz |
| VBW | 100.000 kHz | >= 60.000 kHz |
| SweepPoints | 400 | ~ 400 |
| Sweeptime | 94.824 µs | AUTO |
| Reference Level | 0.000 dBm | 0.000 dBm |
| Attenuation | 20.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 100 | 100 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| SweepType | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 7 / max. 150 | max. 150 |
| Stable | 3 / 3 | 3 |
| Max Stable Difference | 0.17 dB | 0.30 dB |

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

Bluetooth LE Mode, 1Mbps

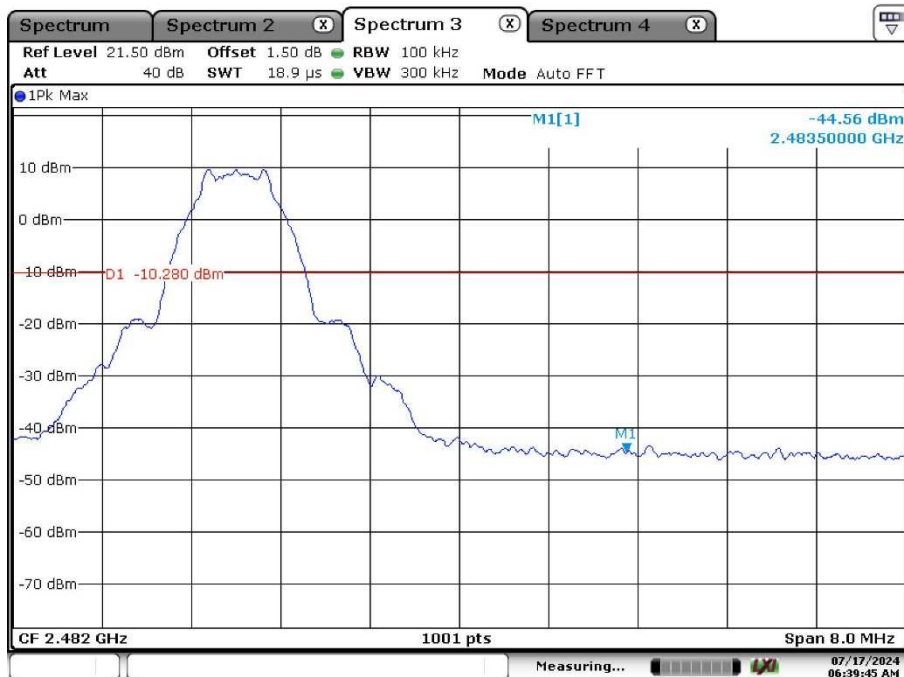
Band Edge

Low Channel



Date: 17.JUL.2024 06:32:44

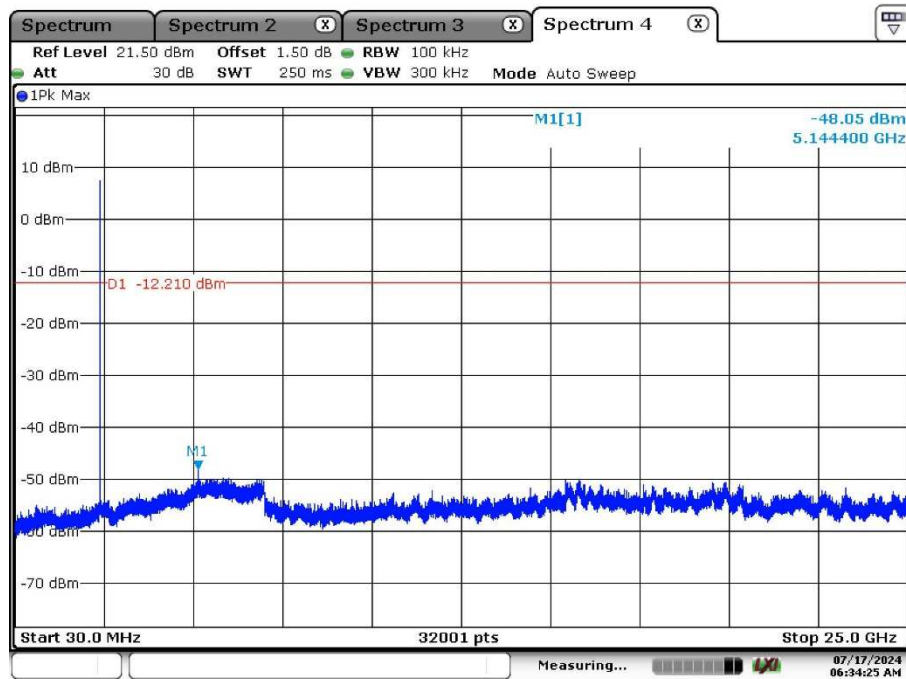
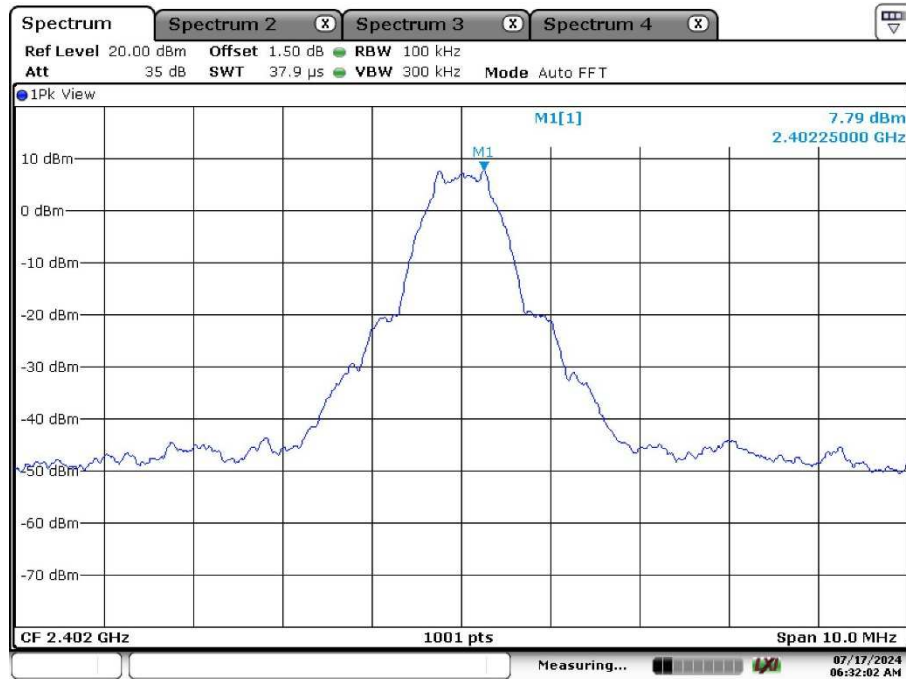
High Channel



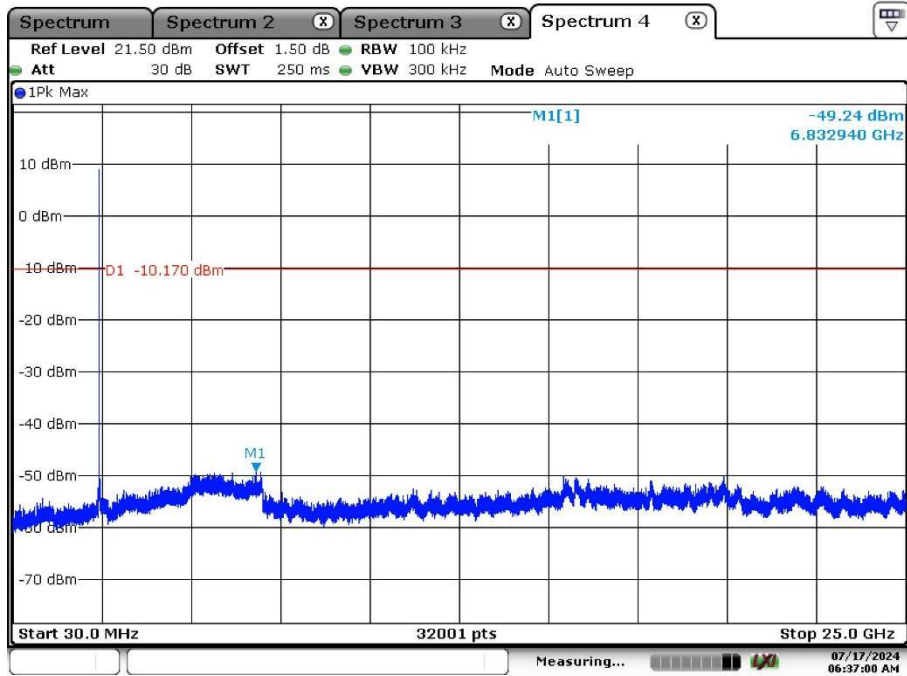
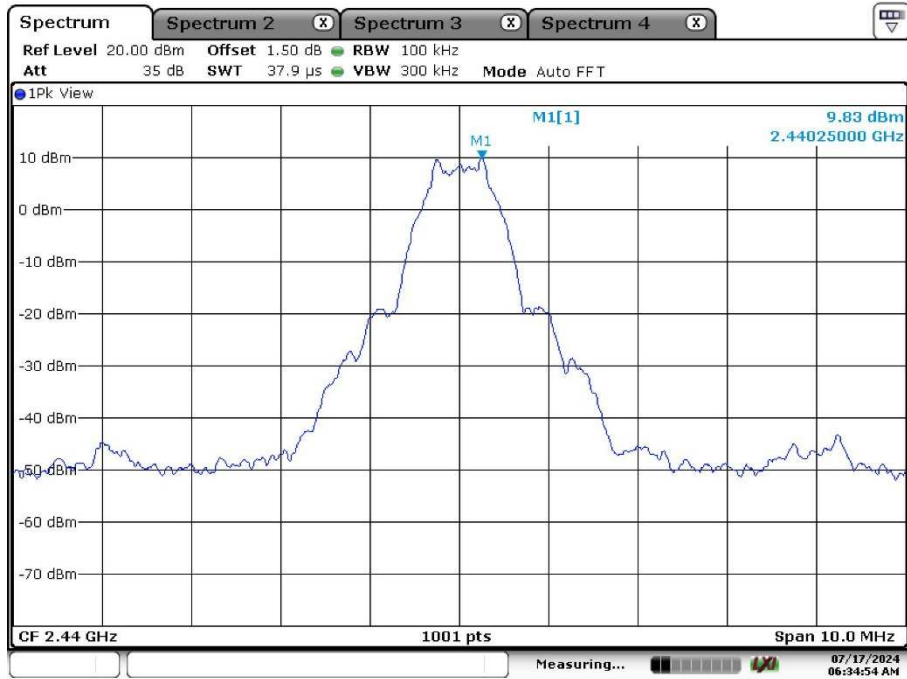
Date: 17.JUL.2024 06:39:45

Conducted Spurious Emission

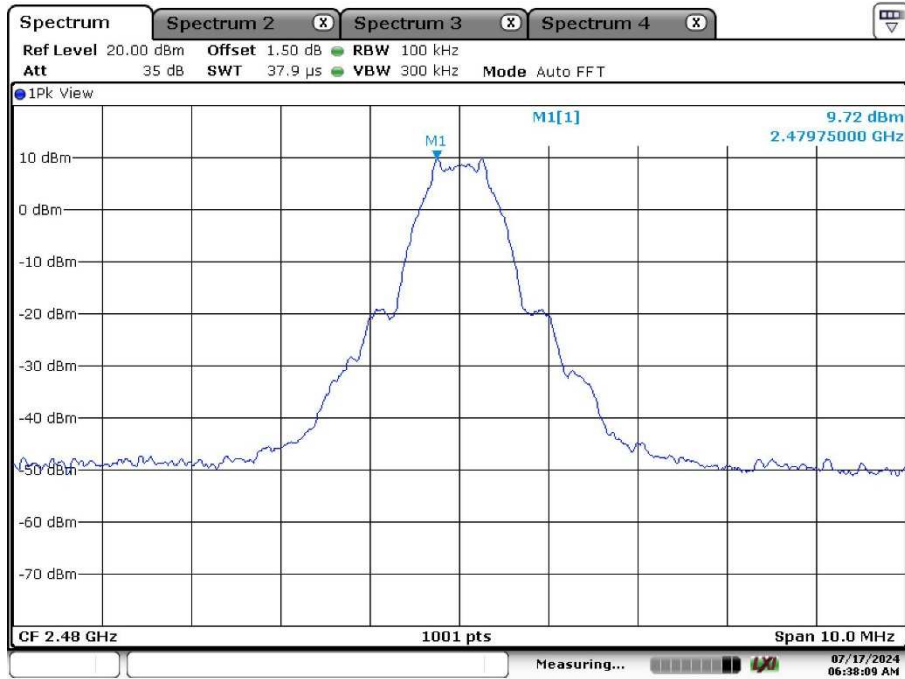
Low Channel:



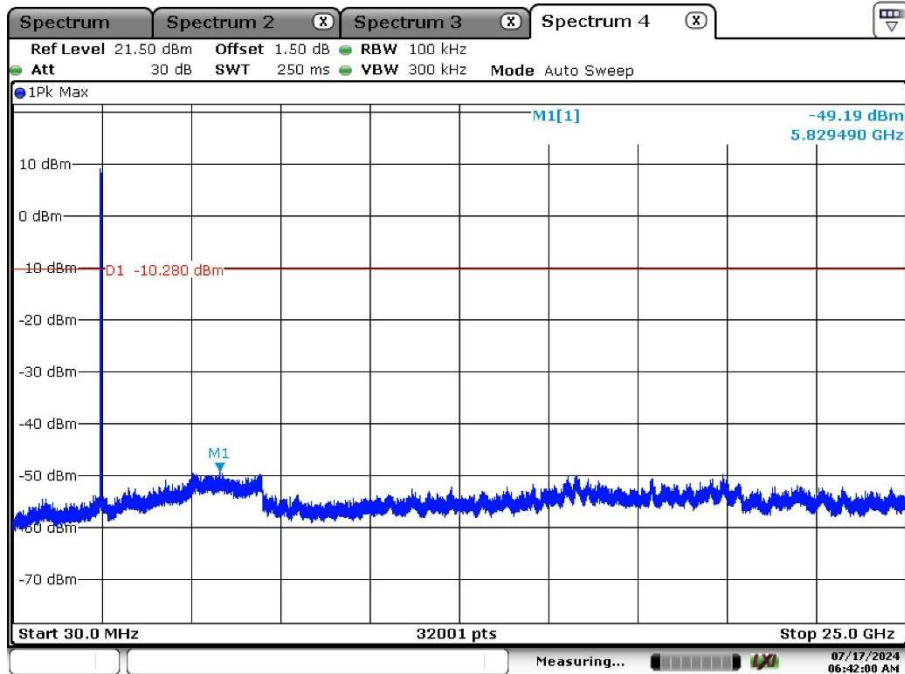
Middle Channel:



High Channel:



Date: 17.JUL.2024 06:38:09

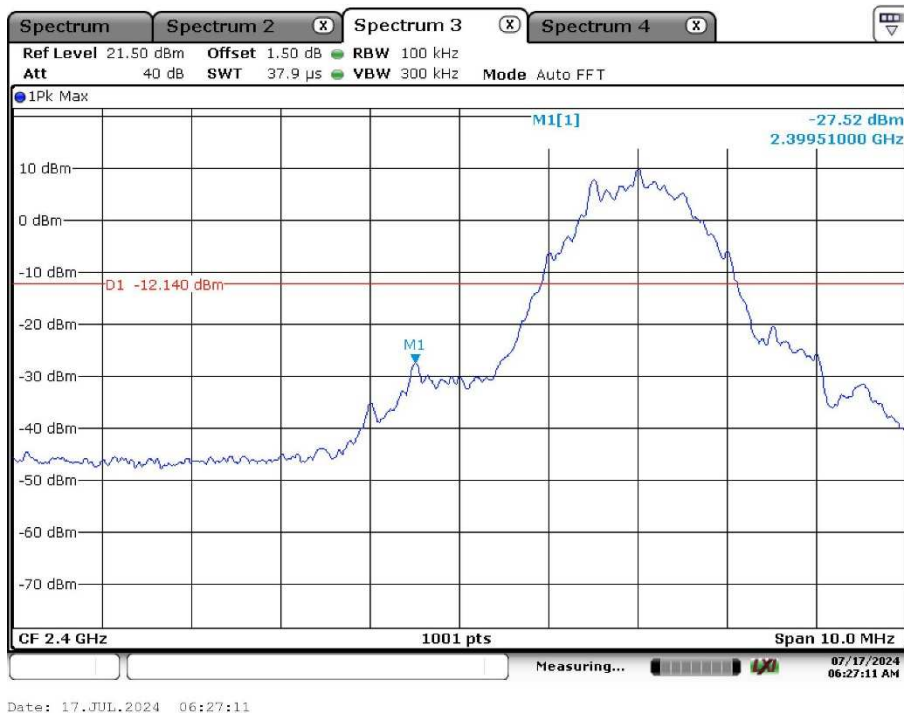


Date: 17.JUL.2024 06:42:00

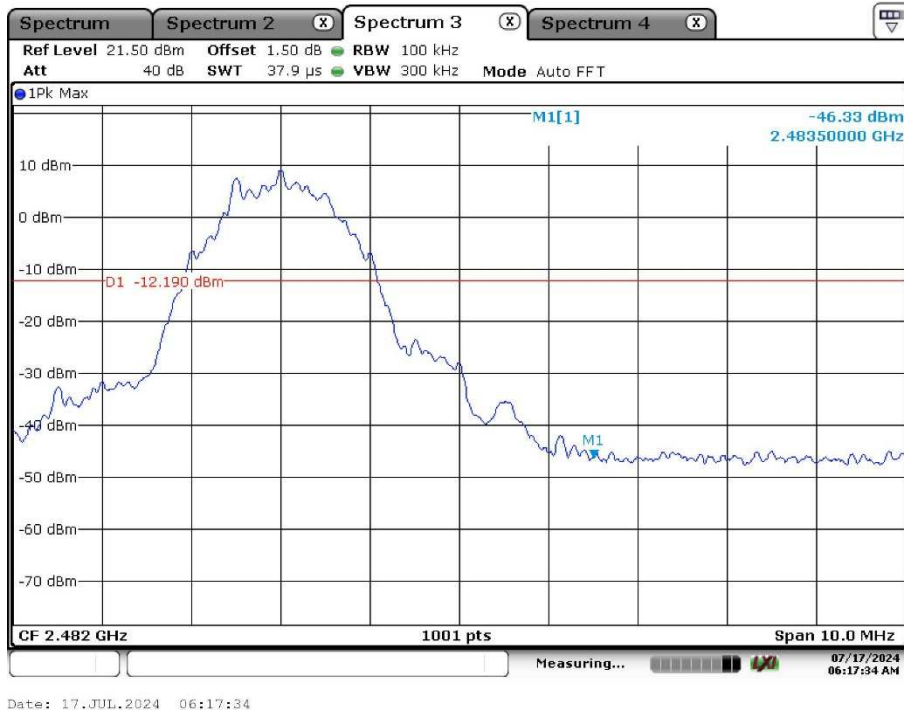
Bluetooth LE Mode, 2Mbps

Band Edge

Low Channel

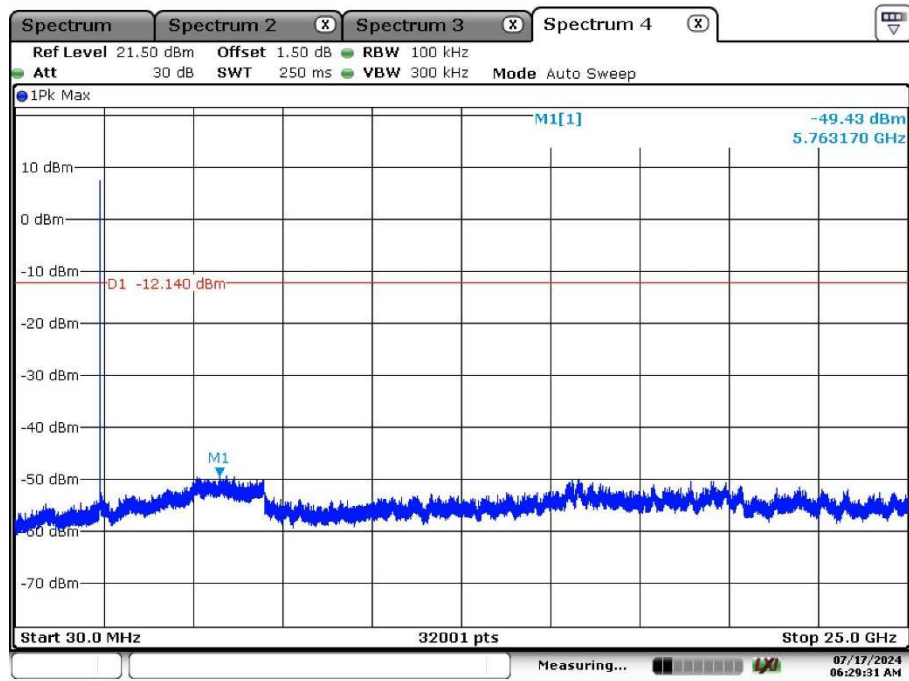


High Channel

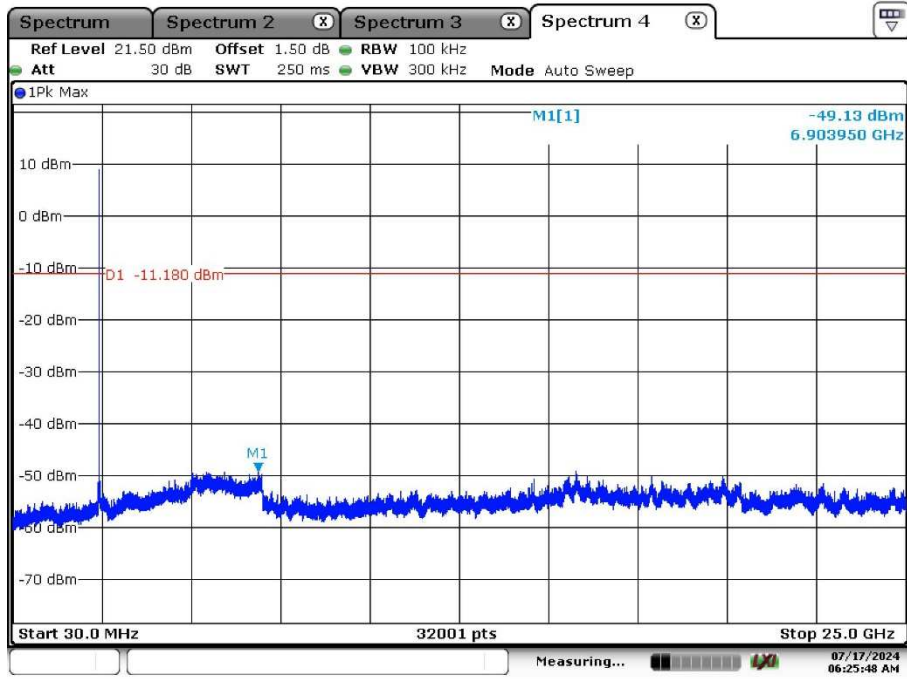
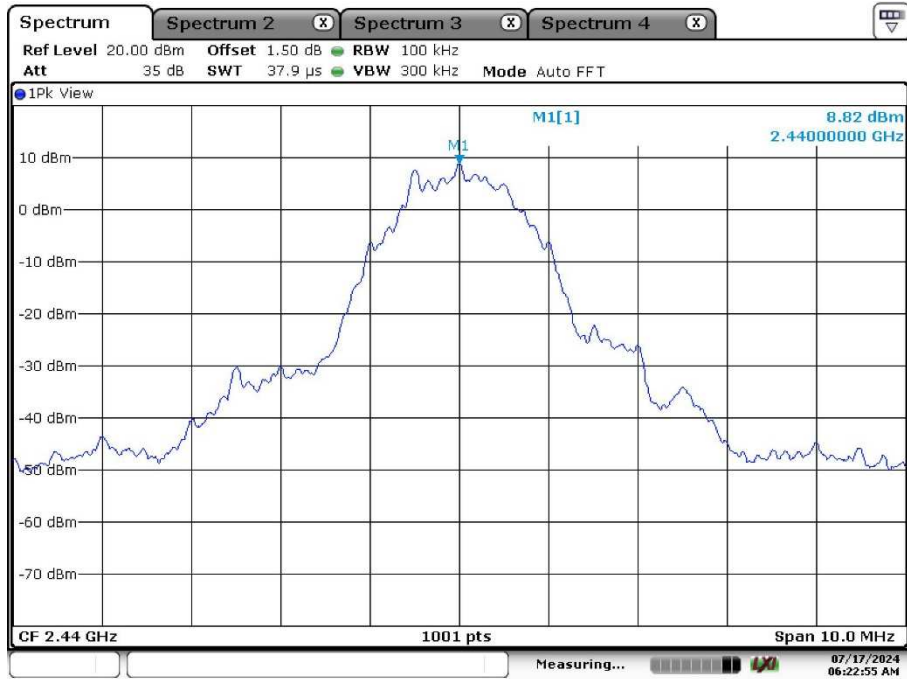


Conducted Spurious Emission

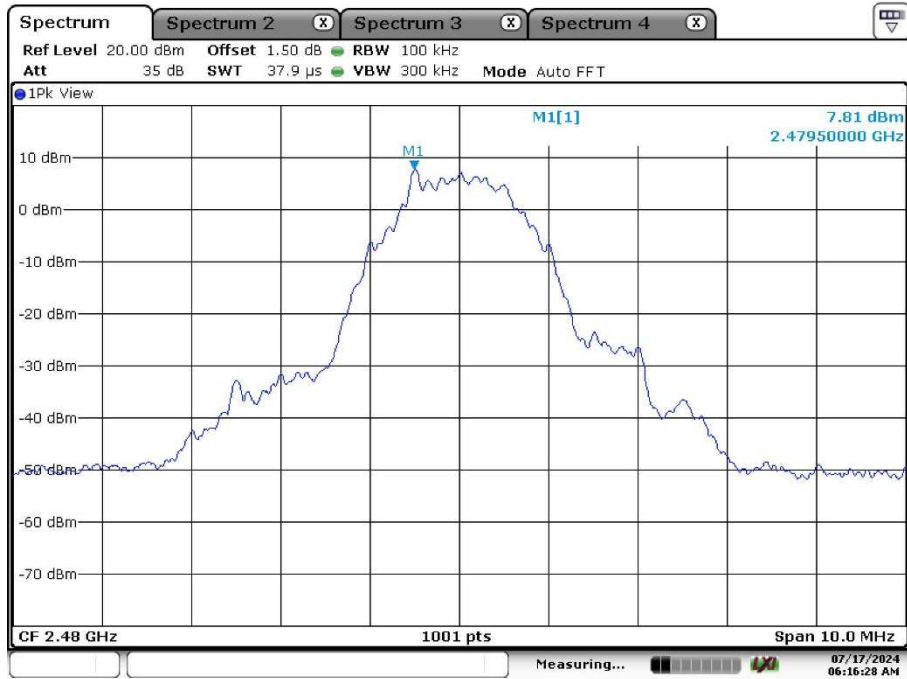
Low Channel:



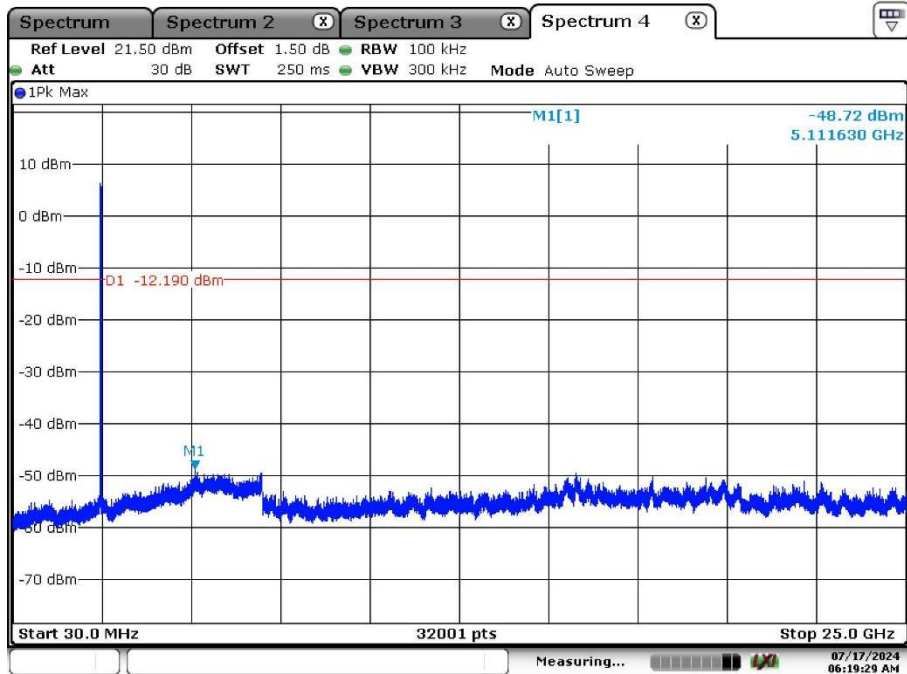
Middle Channel:



High Channel:



Date: 17.JUL.2024 06:16:27



Date: 17.JUL.2024 06:19:29

Appendix B.5: Test Results of Radiated Spurious Emissions

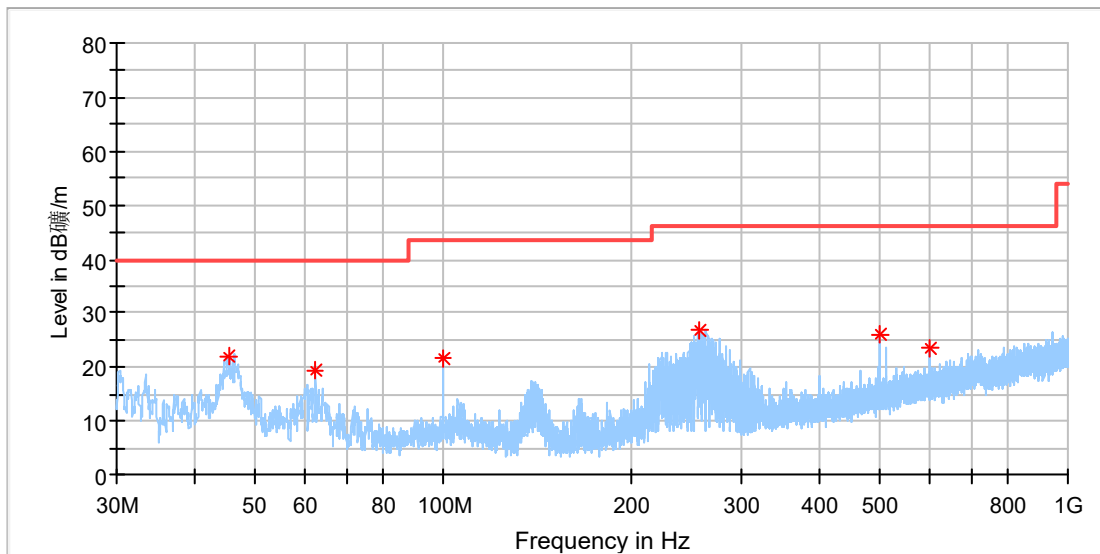
Note:

- 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 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: | DJI Mic Mini Transmitter |
| Model: | DMMT01 |
| Test Mode: | BLE 1M_Mid channel |
| Order No/Sample No: | 168491157/A003754186-006 |
| Test Voltage: | Battery |
| Remark: | Temp 23 Humi:58% |
| Test Standard: | FCC 15.247 |
| Tested By: | Lich Chen |
| Reviewed By: | Terry Yin |



Critical Freqs

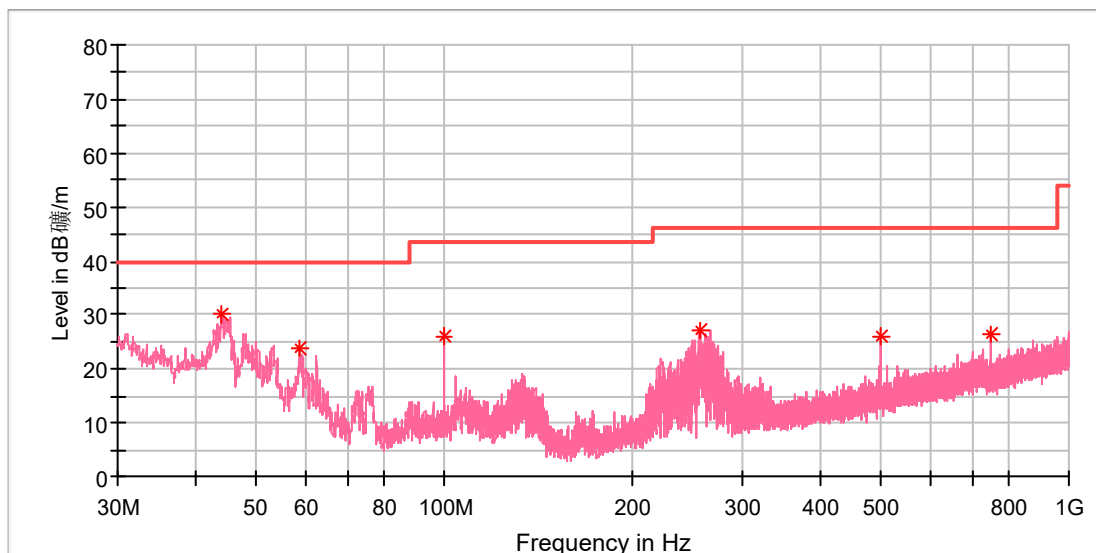
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 45.482692 | 22.09 | 40.00 | 17.91 | 100.0 | H | 339.0 | -19.1 |
| 62.495000 | 19.21 | 40.00 | 20.79 | 100.0 | H | 188.0 | -19.9 |
| 99.989231 | 21.50 | 43.50 | 22.00 | 100.0 | H | 256.0 | -19.3 |
| 256.793462 | 26.82 | 46.00 | 19.18 | 100.0 | H | 356.0 | -17.5 |
| 500.002308 | 26.20 | 46.00 | 19.80 | 100.0 | H | 211.0 | -12.2 |
| 600.024231 | 23.26 | 46.00 | 22.74 | 100.0 | H | 226.0 | -10.2 |

Final Result

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

EUT Information

EUT Name: DJI Mic Mini Transmitter
 Model: DMMT01
 Test Mode: BLE 1M_Mid channel
 Order No/Sample No: 168491157/A003754186-006
 Test Voltage: Battery
 Remark: Temp 23 Humi:58%
 Test Standard: FCC 15.247
 Tested By: Lich Chen
 Reviewed By: Terry Yin



Critical Freqs

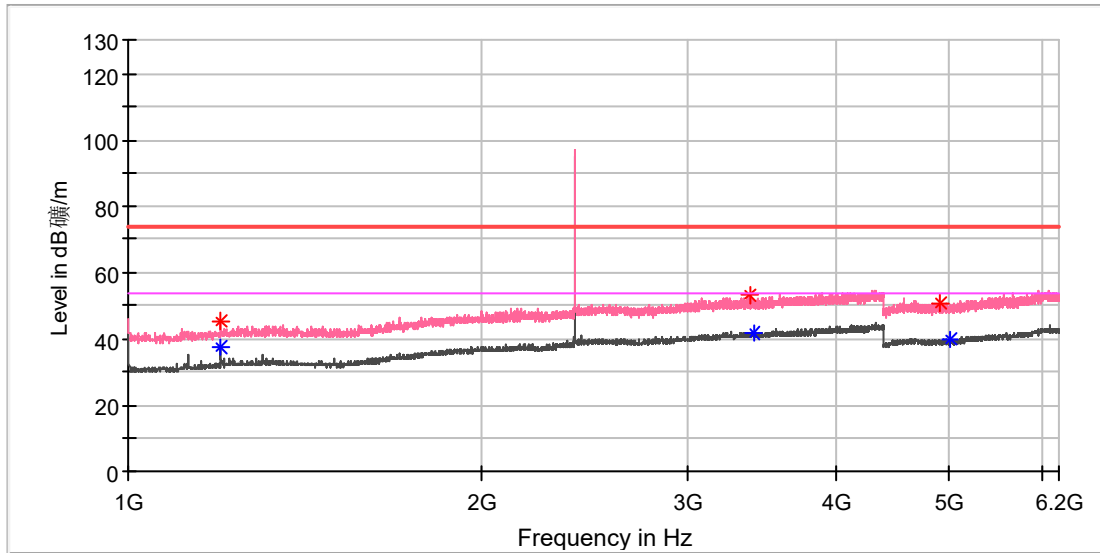
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 44.176923 | 30.03 | 40.00 | 9.97 | 100.0 | V | 287.0 | -19.3 |
| 58.876154 | 23.87 | 40.00 | 16.13 | 100.0 | V | 250.0 | -19.2 |
| 99.989231 | 26.15 | 43.50 | 17.35 | 100.0 | V | 355.0 | -19.3 |
| 257.576923 | 27.20 | 46.00 | 18.80 | 100.0 | V | 76.0 | -17.5 |
| 500.002308 | 26.21 | 46.00 | 19.79 | 100.0 | V | 46.0 | -12.2 |
| 750.038462 | 26.28 | 46.00 | 19.72 | 100.0 | V | 20.0 | -7.6 |

Final Result

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

EUT Information

EUT Name: DJI Mic Mini Transmitter
 Model: DMMT01
 Test Mode: BLE 1M_Low channel
 Order No/Sample No: 168491157/A003754186-006
 Test Voltage: Battery
 Remark: Temp 23 Humi:58%
 Test Standard: FCC 15.247
 Tested By: Lich Chen
 Reviewed By: Terry Yin



Critical Freqs

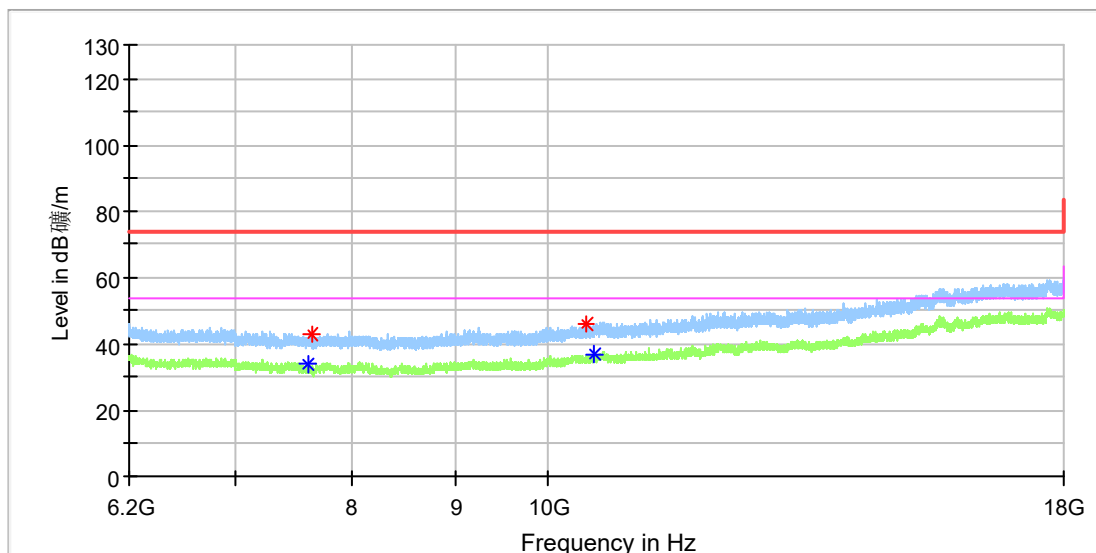
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1200.000000 | --- | 37.46 | 54.00 | 16.54 | 150.0 | V | 92.0 | 1.1 |
| 1200.000000 | 45.52 | --- | 74.00 | 28.48 | 150.0 | V | 92.0 | 1.1 |
| 3388.000000 | 53.28 | --- | 74.00 | 20.72 | 150.0 | V | 154.0 | 8.7 |
| 3404.000000 | --- | 41.93 | 54.00 | 12.07 | 150.0 | V | 191.0 | 8.7 |
| 4923.000000 | 51.01 | --- | 74.00 | 22.99 | 150.0 | V | 9.0 | 11.8 |
| 5015.000000 | --- | 39.68 | 54.00 | 14.32 | 150.0 | V | 298.0 | 11.9 |

Final Result

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

EUT Information

EUT Name: DJI Mic Mini Transmitter
 Model: DMMT01
 Test Mode: BLE 1M_Low channel
 Order No/Sample No: 168491157/A003754186-006
 Test Voltage: Battery
 Remark: Temp 23 Humi:58%
 Test Standard: FCC 15.247
 Tested By: Lich Chen
 Reviewed By: Terry Yin



Critical Freqs

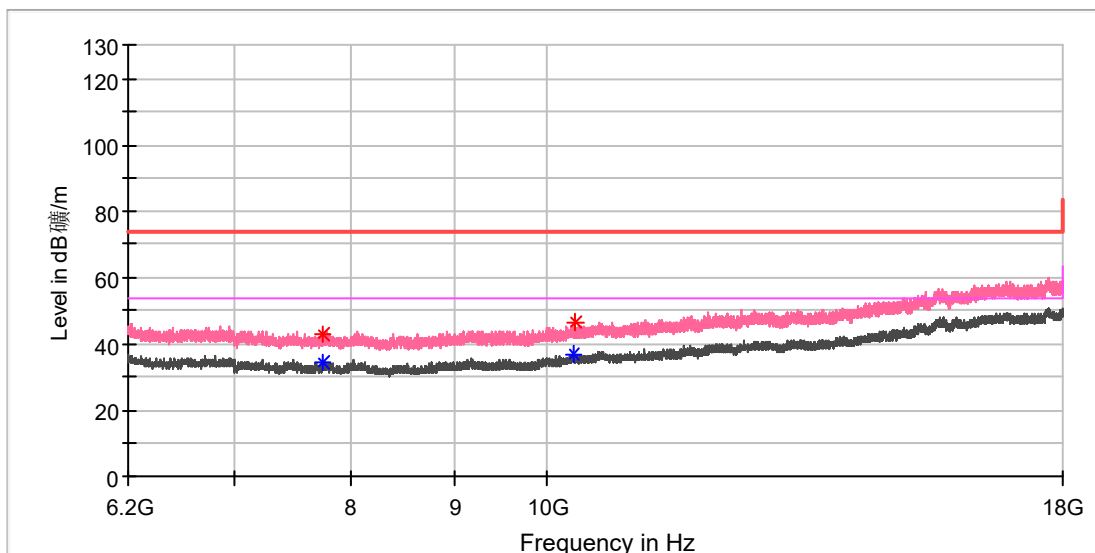
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7599.283333 | --- | 33.85 | 54.00 | 20.15 | 150.0 | H | 0.0 | 8.6 |
| 7638.125000 | 42.96 | --- | 74.00 | 31.04 | 150.0 | H | 176.0 | 8.6 |
| 10440.133333 | 45.96 | --- | 74.00 | 28.04 | 150.0 | H | 271.0 | 11.9 |
| 10549.775000 | --- | 37.09 | 54.00 | 16.91 | 150.0 | H | 271.0 | 12.0 |

Final Result

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

EUT Information

EUT Name: DJI Mic Mini Transmitter
 Model: DMMT01
 Test Mode: BLE 1M_Low channel
 Order No/Sample No: 168491157/A003754186-006
 Test Voltage: Battery
 Remark: Temp 23 Humi:58%
 Test Standard: FCC 15.247
 Tested By: Lich Chen
 Reviewed By: Terry Yin



Critical Freqs

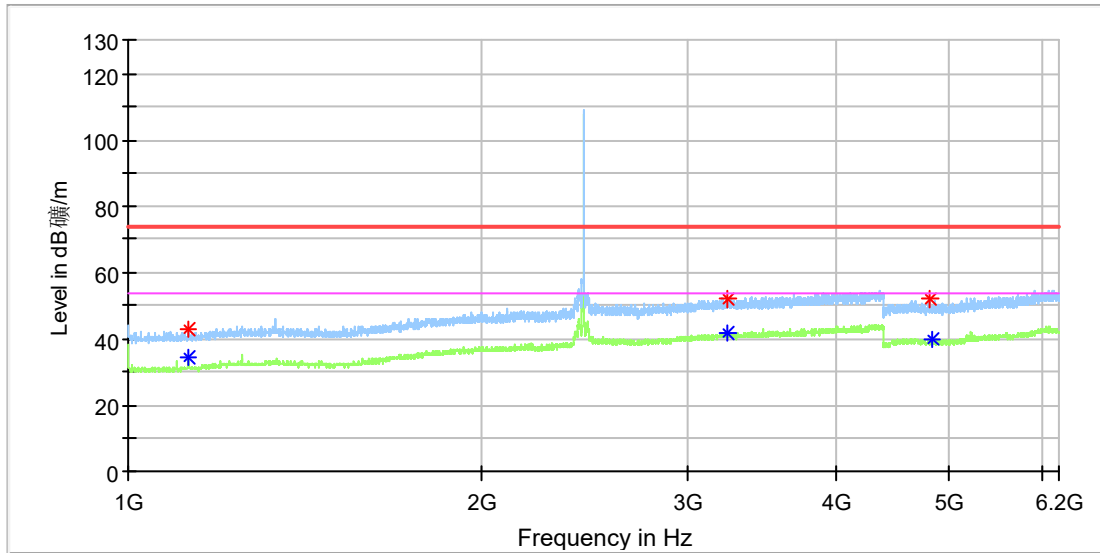
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7732.525000 | 43.01 | --- | 74.00 | 30.99 | 150.0 | V | 329.0 | 8.7 |
| 7740.883333 | --- | 34.77 | 54.00 | 19.23 | 150.0 | V | 317.0 | 8.8 |
| 10291.158333 | --- | 36.70 | 54.00 | 17.30 | 150.0 | V | 82.0 | 11.6 |
| 10331.966667 | 46.47 | --- | 74.00 | 27.53 | 150.0 | V | 94.0 | 11.7 |

Final Result

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

EUT Information

EUT Name: DJI Mic Mini Transmitter
 Model: DMMT01
 Test Mode: BLE 1M_Mid channel
 Order No/Sample No: 168491157/A003754186-006
 Test Voltage: Battery
 Remark: Temp 23 Humi:58%
 Test Standard: FCC 15.247
 Tested By: Lich Chen
 Reviewed By: Terry Yin



Critical Freqs

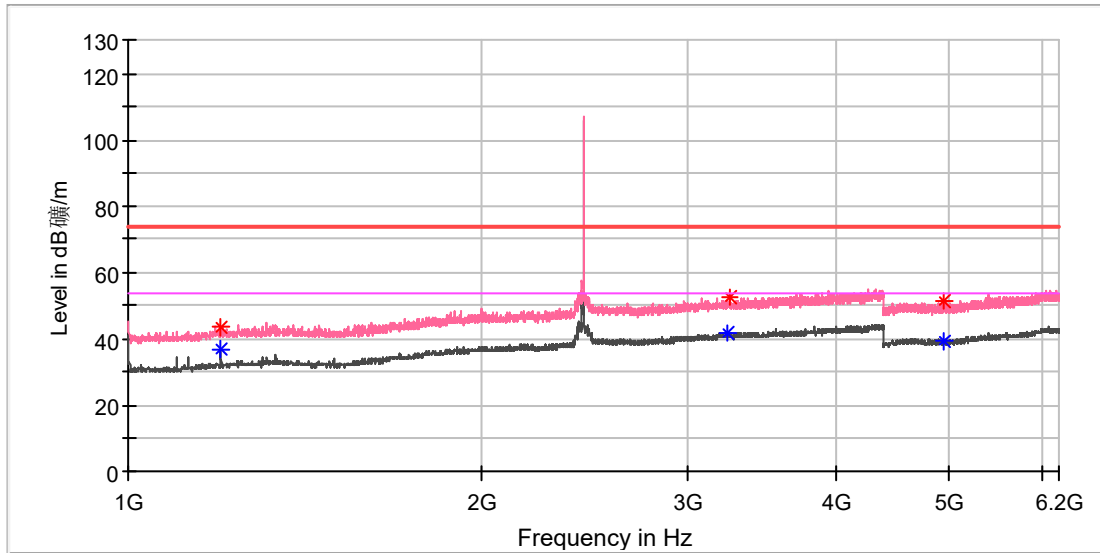
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1125.000000 | --- | 34.53 | 54.00 | 19.47 | 150.0 | H | 238.0 | 0.3 |
| 1125.000000 | 43.11 | --- | 74.00 | 30.89 | 150.0 | H | 238.0 | 0.3 |
| 3236.500000 | --- | 41.64 | 54.00 | 12.36 | 150.0 | H | 293.0 | 8.5 |
| 3238.500000 | 51.76 | --- | 74.00 | 22.24 | 150.0 | H | 264.0 | 8.5 |
| 4827.000000 | 51.81 | --- | 74.00 | 22.19 | 150.0 | H | 144.0 | 11.8 |
| 4842.000000 | --- | 40.15 | 54.00 | 13.85 | 150.0 | H | 19.0 | 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: | DJI Mic Mini Transmitter |
| Model: | DMMT01 |
| Test Mode: | BLE 1M_Mid channel |
| Order No/Sample No: | 168491157/A003754186-006 |
| Test Voltage: | Battery |
| Remark: | Temp 23 Humi:58% |
| Test Standard: | FCC 15.247 |
| Tested By: | Lich Chen |
| Reviewed By: | Terry Yin |



Critical Freqs

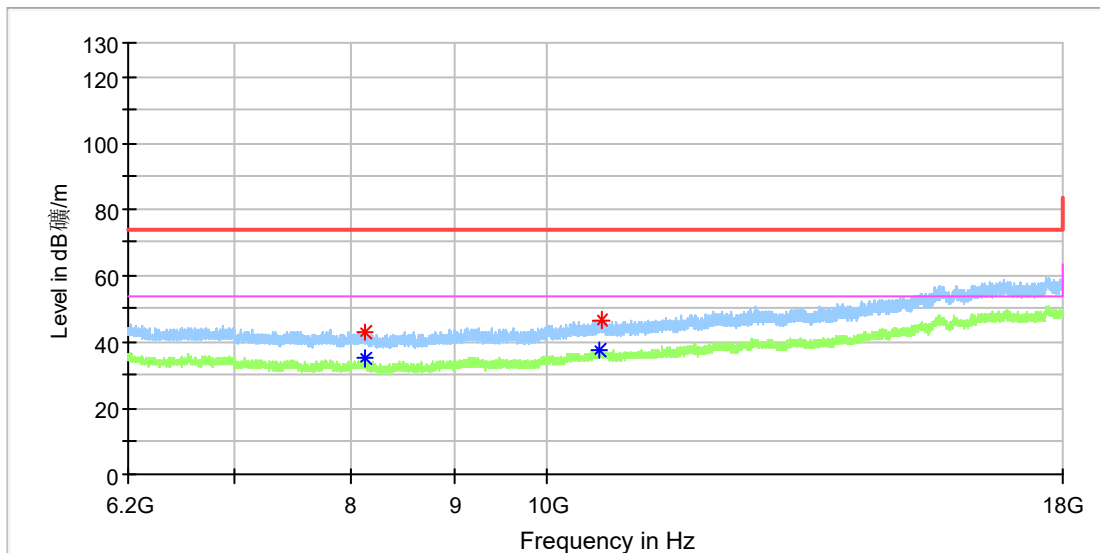
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1199.500000 | --- | 36.81 | 54.00 | 17.19 | 150.0 | V | 138.0 | 1.1 |
| 1199.500000 | 43.51 | --- | 74.00 | 30.49 | 150.0 | V | 138.0 | 1.1 |
| 3242.500000 | --- | 41.66 | 54.00 | 12.34 | 150.0 | V | 222.0 | 8.5 |
| 3251.500000 | 52.39 | --- | 74.00 | 21.61 | 150.0 | V | 241.0 | 8.5 |
| 4954.500000 | --- | 39.54 | 54.00 | 14.46 | 150.0 | V | 158.0 | 11.8 |
| 4959.000000 | 51.10 | --- | 74.00 | 22.90 | 150.0 | V | 144.0 | 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: DJI Mic Mini Transmitter
 Model: DMMT01
 Test Mode: BLE 1M_Mid channel
 Order No/Sample No: 168491157/A003754186-006
 Test Voltage: Battery
 Remark: Temp 23 Humi:58%
 Test Standard: FCC 15.247
 Tested By: Lich Chen
 Reviewed By: Terry Yin



Critical Freqs

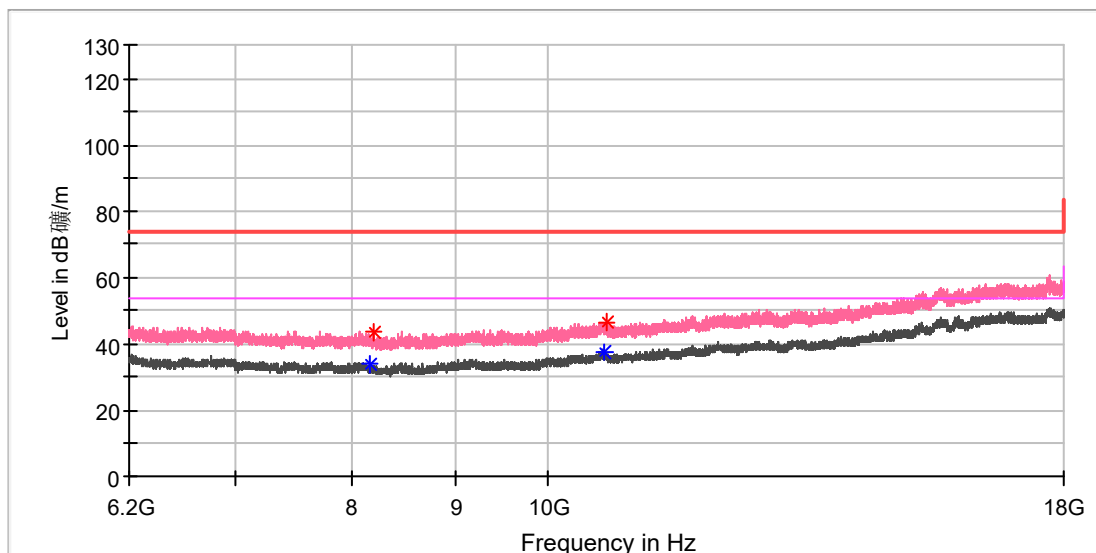
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 8117.991667 | --- | 35.35 | 54.00 | 18.65 | 150.0 | H | 70.0 | 8.9 |
| 8120.941667 | 42.97 | --- | 74.00 | 31.03 | 150.0 | H | 353.0 | 8.9 |
| 10613.200000 | --- | 37.51 | 54.00 | 16.49 | 150.0 | H | 0.0 | 12.0 |
| 10627.950000 | 46.82 | --- | 74.00 | 27.18 | 150.0 | H | 329.0 | 12.0 |

Final Result

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

EUT Information

EUT Name: DJI Mic Mini Transmitter
 Model: DMMT01
 Test Mode: BLE 1M_Mid channel
 Order No/Sample No: 168491157/A003754186-006
 Test Voltage: Battery
 Remark: Temp 23 Humi:58%
 Test Standard: FCC 15.247
 Tested By: Lich Chen
 Reviewed By: Terry Yin



Critical Freqs

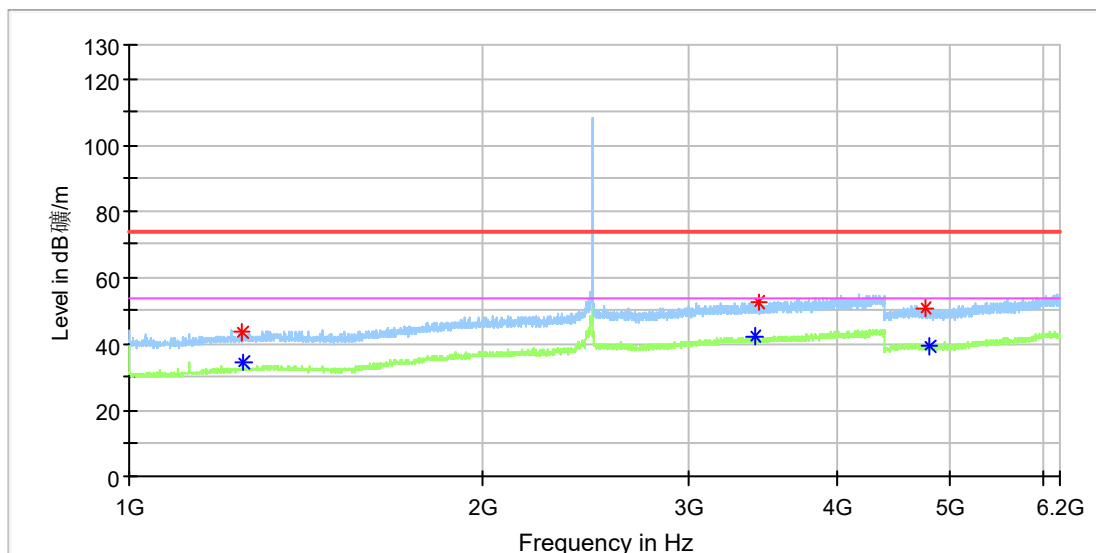
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 8156.833333 | --- | 33.76 | 54.00 | 20.24 | 150.0 | V | 105.0 | 9.0 |
| 8198.625000 | 43.29 | --- | 74.00 | 30.71 | 150.0 | V | 58.0 | 9.0 |
| 10654.500000 | --- | 37.75 | 54.00 | 16.25 | 150.0 | V | 252.0 | 12.0 |
| 10679.575000 | 46.32 | --- | 74.00 | 27.68 | 150.0 | V | 105.0 | 11.9 |

Final Result

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

EUT Information

EUT Name: DJI Mic Mini Transmitter
 Model: DMMT01
 Test Mode: BLE 1M_High channel
 Order No/Sample No: 168491157/A003754186-006
 Test Voltage: Battery
 Remark: Temp 23 Humi:58%
 Test Standard: FCC 15.247
 Tested By: Lich Chen
 Reviewed By: Terry Yin



Critical Freqs

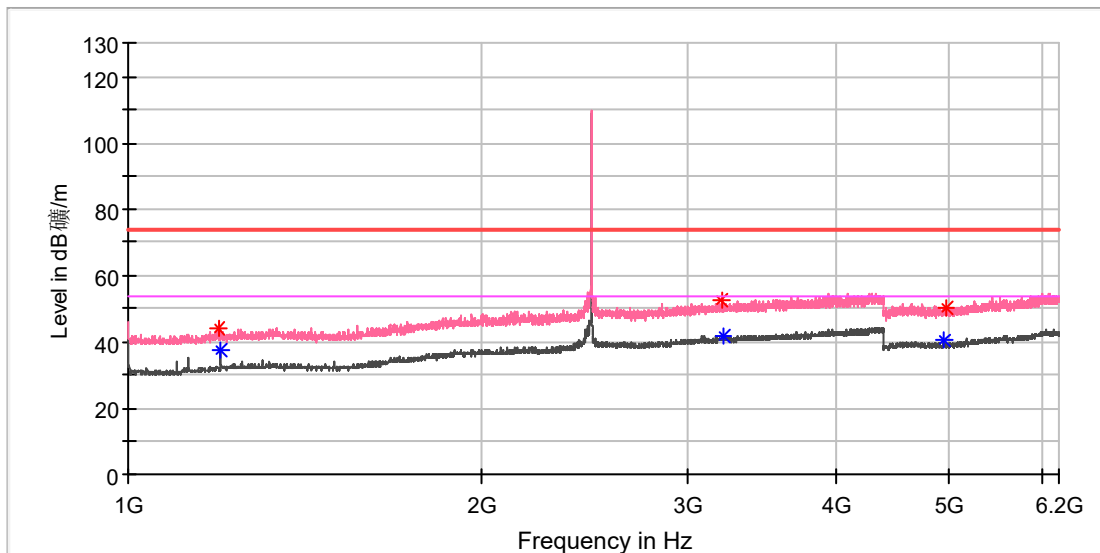
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1247.500000 | 43.67 | --- | 74.00 | 30.33 | 150.0 | H | 242.0 | 1.9 |
| 1249.500000 | --- | 34.70 | 54.00 | 19.30 | 150.0 | H | 156.0 | 1.9 |
| 3410.500000 | --- | 42.07 | 54.00 | 11.93 | 150.0 | H | 259.0 | 8.7 |
| 3435.000000 | 52.80 | --- | 74.00 | 21.20 | 150.0 | H | 12.0 | 8.8 |
| 4768.500000 | 50.86 | --- | 74.00 | 23.14 | 150.0 | H | 252.0 | 11.8 |
| 4799.500000 | --- | 39.53 | 54.00 | 14.47 | 150.0 | H | 0.0 | 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: DJI Mic Mini Transmitter
 Model: DMMT01
 Test Mode: BLE 1M_High channel
 Order No/Sample No: 168491157/A003754186-006
 Test Voltage: Battery
 Remark: Temp 23 Humi:58%
 Test Standard: FCC 15.247
 Tested By: Lich Chen
 Reviewed By: Terry Yin



Critical Freqs

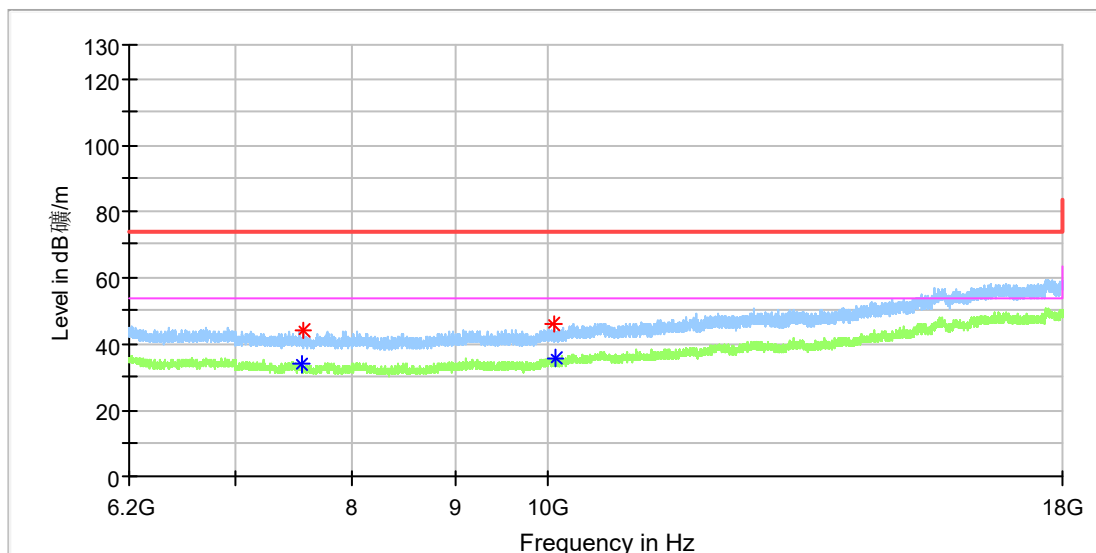
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1191.500000 | 44.14 | --- | 74.00 | 29.86 | 150.0 | V | 260.0 | 1.1 |
| 1200.000000 | --- | 37.50 | 54.00 | 16.50 | 150.0 | V | 35.0 | 1.1 |
| 3205.500000 | 52.49 | --- | 74.00 | 21.51 | 150.0 | V | 141.0 | 8.6 |
| 3219.000000 | --- | 41.58 | 54.00 | 12.42 | 150.0 | V | 147.0 | 8.6 |
| 4960.000000 | --- | 40.69 | 54.00 | 13.31 | 150.0 | V | 66.0 | 11.8 |
| 4966.000000 | 50.30 | --- | 74.00 | 23.70 | 150.0 | V | 84.0 | 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: | DJI Mic Mini Transmitter |
| Model: | DMMT01 |
| Test Mode: | BLE 1M_High channel |
| Order No/Sample No: | 168491157/A003754186-006 |
| Test Voltage: | Battery |
| Remark: | Temp 23 Humi:58% |
| Test Standard: | FCC 15.247 |
| Tested By: | Lich Chen |
| Reviewed By: | Terry Yin |



Critical Freqs

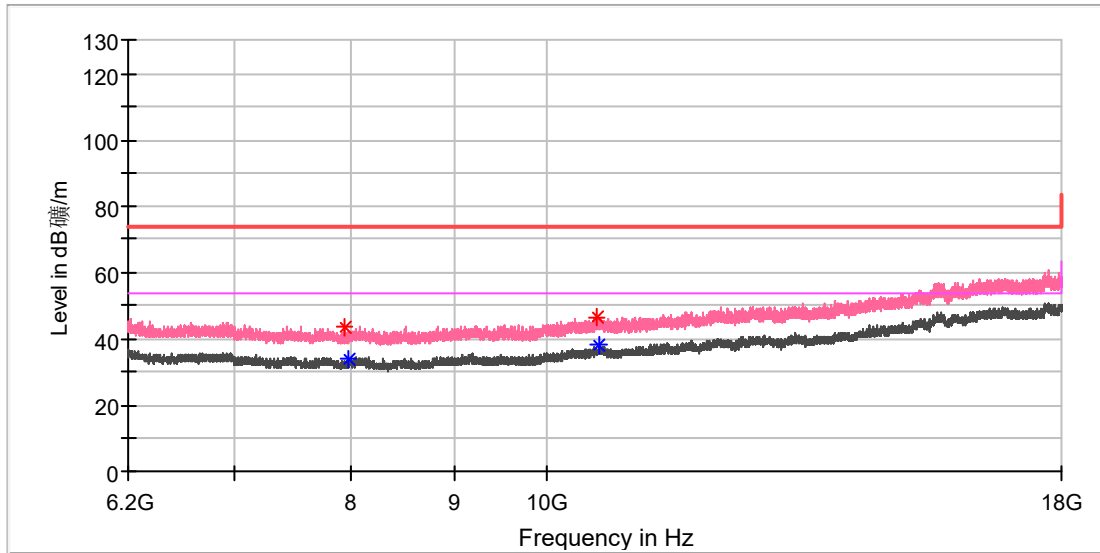
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7551.100000 | --- | 33.77 | 54.00 | 20.23 | 150.0 | H | 192.0 | 8.7 |
| 7561.425000 | 44.29 | --- | 74.00 | 29.71 | 150.0 | H | 43.0 | 8.7 |
| 10063.025000 | 46.18 | --- | 74.00 | 27.82 | 150.0 | H | 0.0 | 11.0 |
| 10095.475000 | --- | 35.68 | 54.00 | 18.32 | 150.0 | H | 239.0 | 11.0 |

Final Result

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

EUT Information

EUT Name: DJI Mic Mini Transmitter
 Model: DMMT01
 Test Mode: BLE 1M_High channel
 Order No/Sample No: 168491157/A003754186-006
 Test Voltage: Battery
 Remark: Temp 23 Humi:58%
 Test Standard: FCC 15.247
 Tested By: Lich Chen
 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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7945.416667 | 43.47 | --- | 74.00 | 30.53 | 150.0 | V | 275.0 | 8.7 |
| 7974.916667 | --- | 33.88 | 54.00 | 20.12 | 150.0 | V | 8.0 | 8.8 |
| 10579.275000 | 46.65 | --- | 74.00 | 27.35 | 150.0 | V | 177.0 | 12.0 |
| 10622.541667 | --- | 37.80 | 54.00 | 16.20 | 150.0 | V | 226.0 | 12.0 |

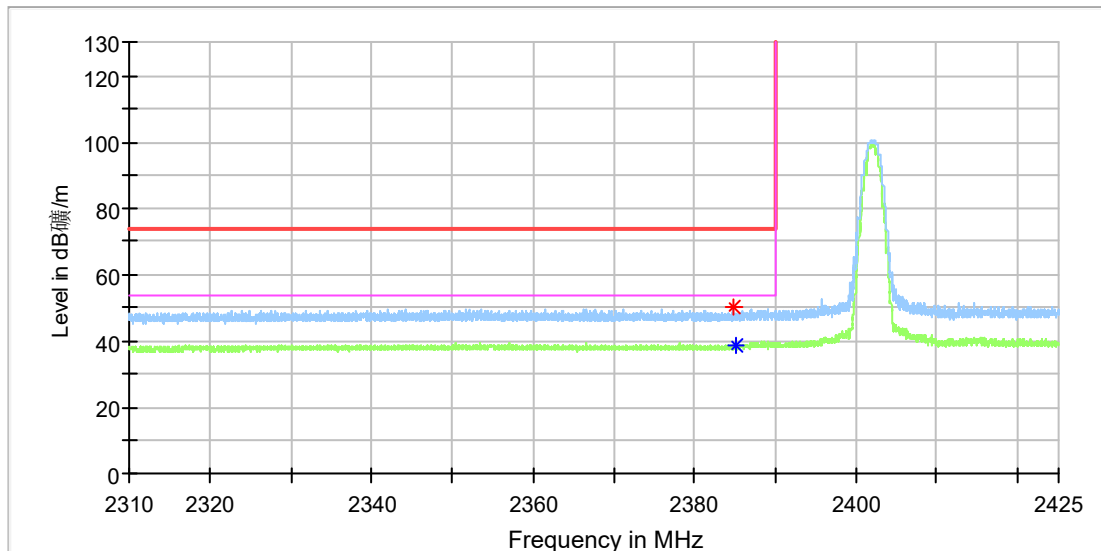
Final Result

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

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

EUT Information

| | |
|---------------------|--------------------------|
| EUT Name: | DJI Mic Mini Transmitter |
| Model: | DMMT01 |
| Test Mode: | BLE 1M_Low channel |
| Order No/Sample No: | 168491157/A003754186-006 |
| Test Voltage: | Battery |
| Remark: | Temp 23 Humi:58% |
| Test Standard: | FCC 15.247 |
| Tested By: | Lich Chen |
| Reviewed By: | Terry Yin |



Critical Freqs

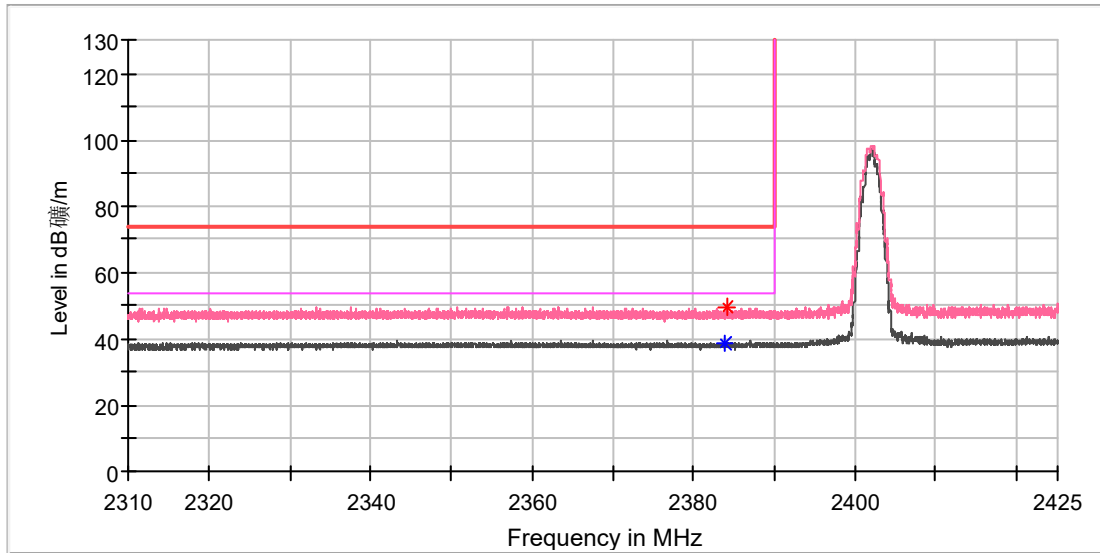
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2384.733088 | 49.99 | --- | 74.00 | 24.01 | 150.0 | H | 259.0 | 7.0 |
| 2384.986765 | --- | 38.88 | 54.00 | 15.12 | 150.0 | H | 295.0 | 7.0 |

Final Result

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

EUT Information

| | |
|---------------------|--------------------------|
| EUT Name: | DJI Mic Mini Transmitter |
| Model: | DMMT01 |
| Test Mode: | BLE 1M_Low channel |
| Order No/Sample No: | 168491157/A003754186-006 |
| Test Voltage: | Battery |
| Remark: | Temp 23 Humi:58% |
| Test Standard: | FCC 15.247 |
| Tested By: | Lich Chen |
| Reviewed By: | Terry Yin |



Critical Freqs

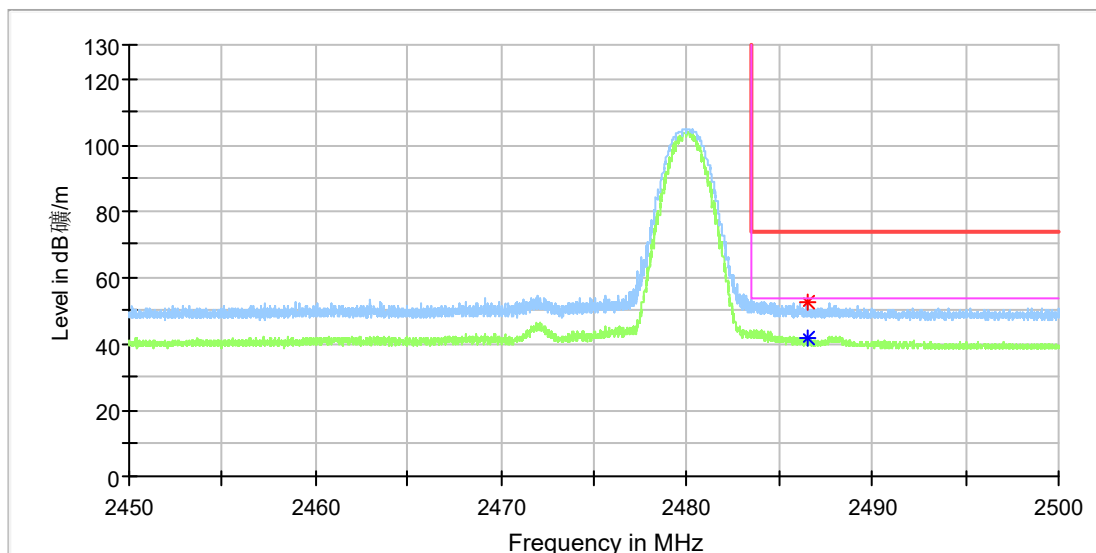
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2383.938235 | --- | 38.59 | 54.00 | 15.41 | 150.0 | V | 58.0 | 7.0 |
| 2384.005882 | 49.68 | --- | 74.00 | 24.32 | 150.0 | V | 87.0 | 7.0 |

Final Result

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

EUT Information

| | |
|---------------------|--------------------------|
| EUT Name: | DJI Mic Mini Transmitter |
| Model: | DMMT01 |
| Test Mode: | BLE 1M_High channel |
| Order No/Sample No: | 168491157/A003754186-006 |
| Test Voltage: | Battery |
| Remark: | Temp 23 Humi:58% |
| Test Standard: | FCC 15.247 |
| Tested By: | Lich Chen |
| Reviewed By: | Terry Yin |



Critical Freqs

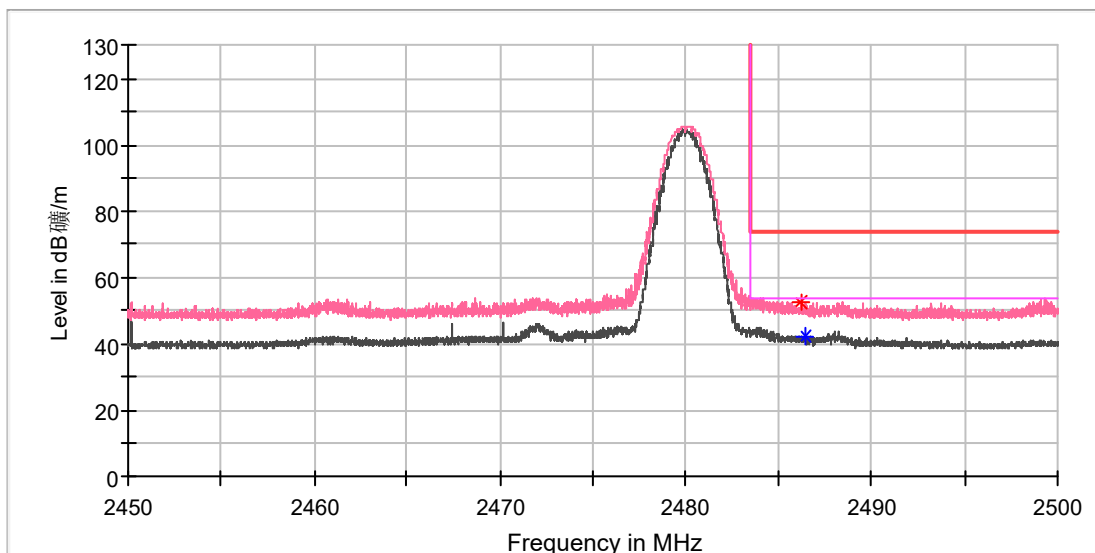
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2486.477941 | 52.88 | --- | 74.00 | 21.12 | 150.0 | H | 78.0 | 7.4 |
| 2486.477941 | --- | 41.83 | 54.00 | 12.17 | 150.0 | H | 78.0 | 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: | DJI Mic Mini Transmitter |
| Model: | DMMT01 |
| Test Mode: | BLE 1M_High channel |
| Order No/Sample No: | 168491157/A003754186-006 |
| Test Voltage: | Battery |
| Remark: | Temp 23 Humi:58% |
| Test Standard: | FCC 15.247 |
| Tested By: | Lich Chen |
| Reviewed By: | Terry Yin |



Critical Freqs

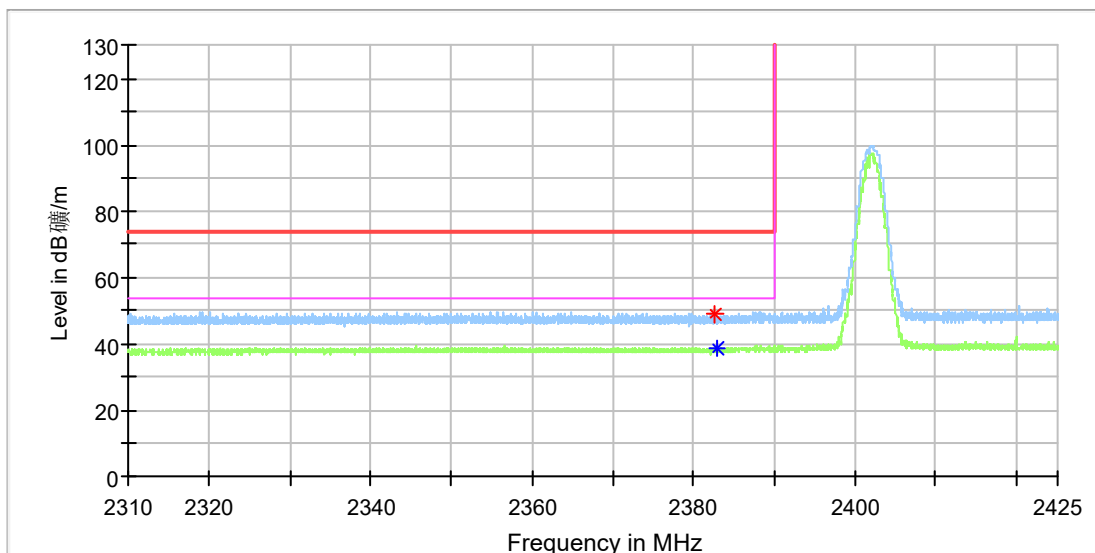
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2486.176471 | 52.86 | --- | 74.00 | 21.14 | 150.0 | V | 67.0 | 7.4 |
| 2486.441177 | --- | 42.05 | 54.00 | 11.95 | 150.0 | V | 61.0 | 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: | DJI Mic Mini Transmitter |
| Model: | DMMT01 |
| Test Mode: | BLE 2M_Low channel |
| Order No/Sample No: | 168491157/A003754186-006 |
| Test Voltage: | Battery |
| Remark: | Temp 23 Humi:58% |
| Test Standard: | FCC 15.247 |
| Tested By: | Lich Chen |
| Reviewed By: | Terry Yin |



Critical Freqs

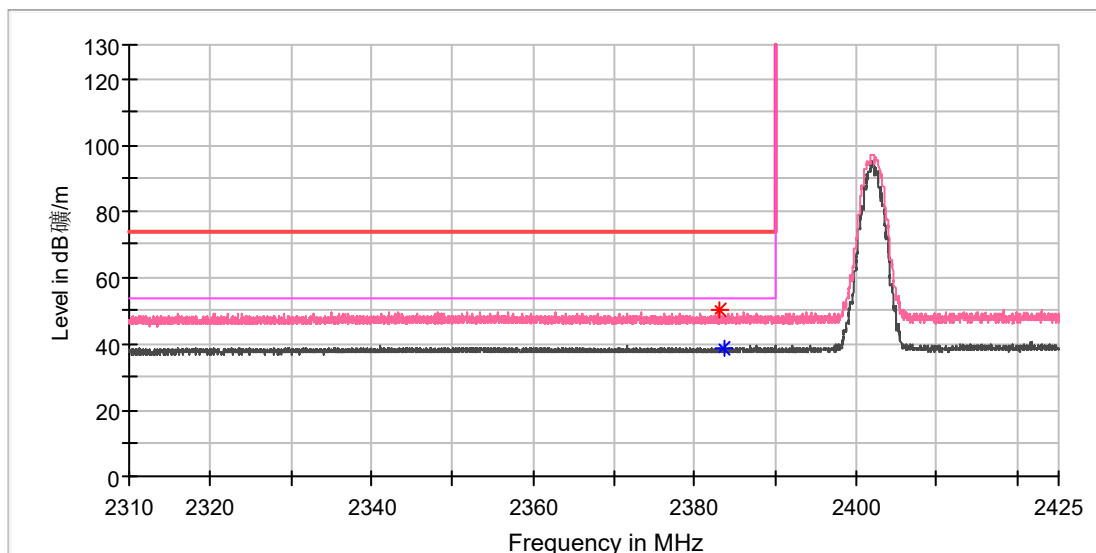
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2382.619118 | 49.24 | --- | 74.00 | 24.76 | 150.0 | H | 231.0 | 7.0 |
| 2382.957353 | --- | 38.54 | 54.00 | 15.46 | 150.0 | H | 160.0 | 7.0 |

Final Result

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

EUT Information

| | |
|---------------------|--------------------------|
| EUT Name: | DJI Mic Mini Transmitter |
| Model: | DMMT01 |
| Test Mode: | BLE 2M_Low channel |
| Order No/Sample No: | 168491157/A003754186-006 |
| Test Voltage: | Battery |
| Remark: | Temp 23 Humi:58% |
| Test Standard: | FCC 15.247 |
| Tested By: | Lich Chen |
| Reviewed By: | Terry Yin |



Critical Freqs

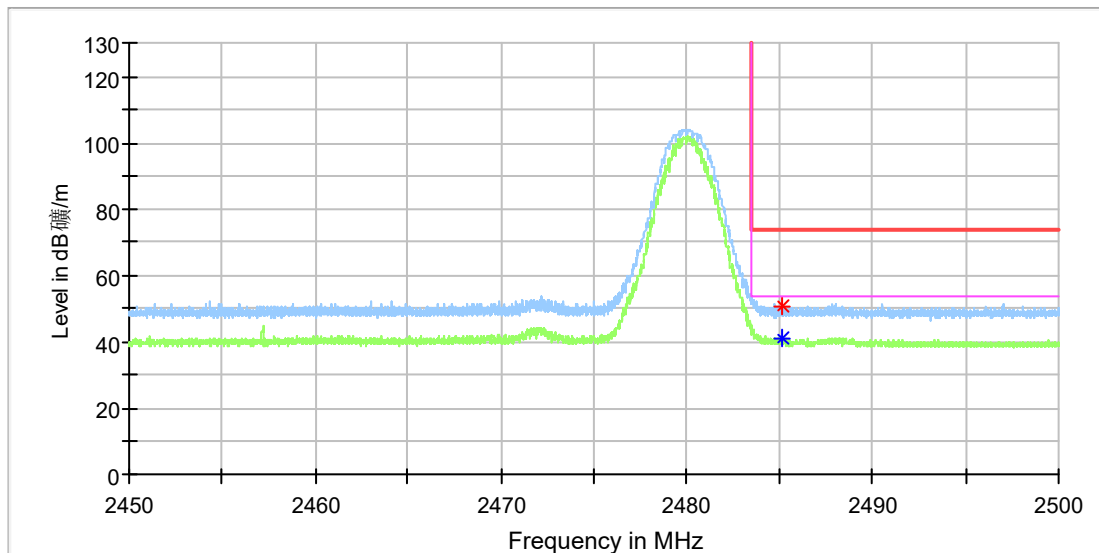
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2383.126471 | 49.95 | --- | 74.00 | 24.05 | 150.0 | V | 92.0 | 7.0 |
| 2383.684559 | --- | 38.41 | 54.00 | 15.59 | 150.0 | V | 185.0 | 7.0 |

Final Result

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

EUT Information

| | |
|---------------------|--------------------------|
| EUT Name: | DJI Mic Mini Transmitter |
| Model: | DMMT01 |
| Test Mode: | BLE 2M_High channel |
| Order No/Sample No: | 168491157/A003754186-006 |
| Test Voltage: | Battery |
| Remark: | Temp 23 Humi:58% |
| Test Standard: | FCC 15.247 |
| Tested By: | Lich Chen |
| Reviewed By: | Terry Yin |



Critical Freqs

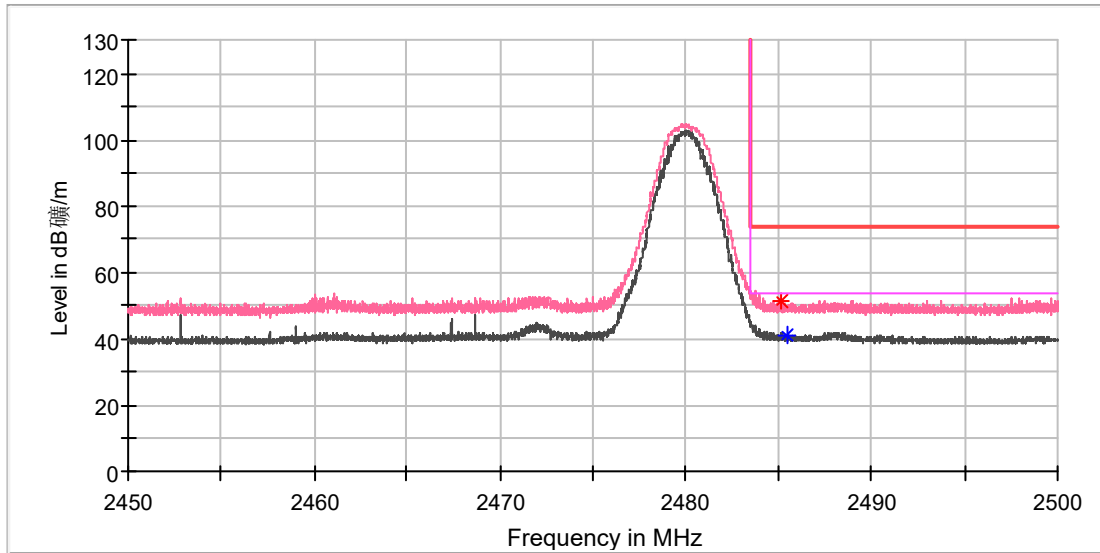
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2485.080882 | 50.93 | --- | 74.00 | 23.07 | 150.0 | H | 77.0 | 7.4 |
| 2485.088235 | --- | 41.33 | 54.00 | 12.67 | 150.0 | H | 77.0 | 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: | DJI Mic Mini Transmitter |
| Model: | DMMT01 |
| Test Mode: | BLE 2M_High channel |
| Order No/Sample No: | 168491157/A003754186-006 |
| Test Voltage: | Battery |
| Remark: | Temp 23 Humi:58% |
| Test Standard: | FCC 15.247 |
| Tested By: | Lich Chen |
| 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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2485.176471 | 51.20 | --- | 74.00 | 22.80 | 150.0 | V | 52.0 | 7.4 |
| 2485.500000 | --- | 41.33 | 54.00 | 12.67 | 150.0 | V | 52.0 | 7.4 |

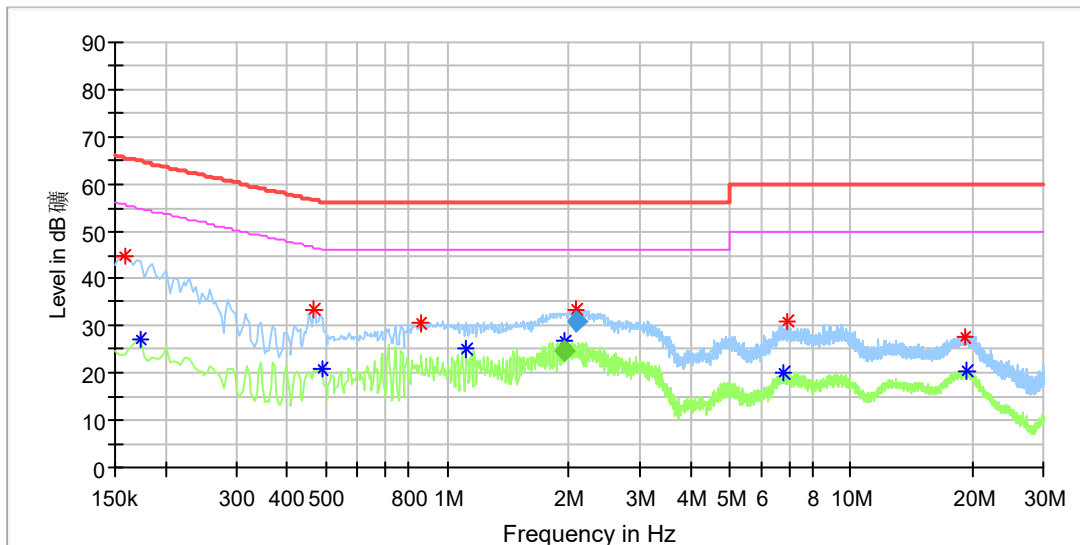
Final Result

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

Appendix B.7: Test Plots of Conducted Emission on AC Mains

EUT Information

| | |
|---------------------|--------------------------|
| EUT Name | DJI Mic Mini Transmitter |
| Order Number: | P01505476 |
| Model: | DMMT01 |
| Test Mode: | BT Link |
| Test Voltage: | AC 120V/60Hz |
| Test Standard: | FCC Part 15 |
| Test By:/Review By: | Dawn Shen/Shower Dai |
| Tem./Hum./Pressure: | 23.7°C/52.2%/101kPa |
| Remark: | SR1 |



Critical Freqs

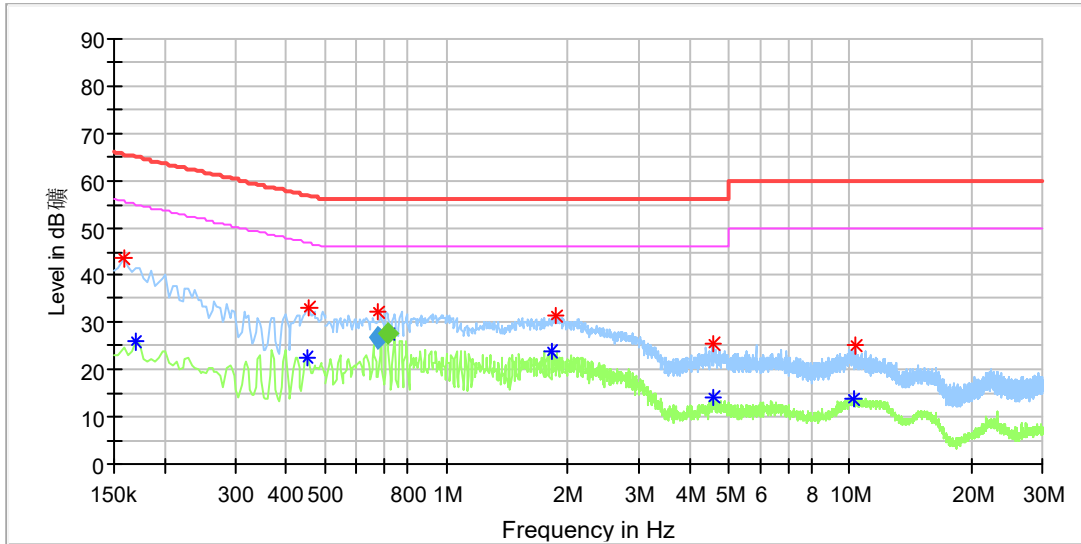
| Frequency (MHz) | MaxPeak (dB μ V) | Average (dB μ V) | Limit (dB μ V) | Margin (dB) | Line | Corr. (dB) |
|-----------------|----------------------|----------------------|--------------------|-------------|------|------------|
| 0.158000 | 44.66 | --- | 65.57 | 20.91 | L1 | 9.6 |
| 0.174000 | --- | 27.12 | 54.77 | 27.65 | L1 | 9.7 |
| 0.466000 | 33.31 | --- | 56.59 | 23.28 | L1 | 9.9 |
| 0.486000 | --- | 20.97 | 46.24 | 25.26 | L1 | 9.9 |
| 0.860000 | 30.71 | --- | 56.00 | 25.29 | L1 | 9.7 |
| 1.112000 | --- | 24.93 | 46.00 | 21.07 | L1 | 9.7 |
| 1.946500 | --- | 26.59 | 46.00 | 19.41 | L1 | 9.8 |
| 2.081500 | 33.57 | --- | 56.00 | 22.43 | L1 | 9.8 |
| 6.796000 | --- | 20.08 | 50.00 | 29.92 | L1 | 9.9 |
| 6.952000 | 30.81 | --- | 60.00 | 29.19 | L1 | 9.9 |
| 19.024000 | 27.75 | --- | 60.00 | 32.25 | L1 | 10.4 |
| 19.384000 | --- | 20.54 | 50.00 | 29.46 | L1 | 10.5 |

Final Result

| Frequency (MHz) | QuasiPeak (dB μ V) | Average (dB μ V) | Limit (dB μ V) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | Corr. (dB) |
|-----------------|------------------------|----------------------|--------------------|-------------|-----------------|-----------------|------|------------|
| 1.946500 | --- | 24.66 | 46.00 | 21.34 | 1000.0 | 9.000 | L1 | 9.8 |
| 2.081500 | 31.18 | --- | 56.00 | 24.82 | 1000.0 | 9.000 | L1 | 9.9 |

EUT Information

EUT Name: DJI Mic Mini Transmitter
 Order Number: P01505476
 Model: DMMT01
 Test Mode: BT Link
 Test Voltage: AC 120V/60Hz
 Test Standard: FCC Part 15
 Test By./Review By: Dawn Shen/Shower Dai
 Tem./Hum./Pressure: 23.7°C/52.2%/101kPa
 Remark: SR1



Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Line | Corr. (dB) |
|-----------------|----------------|----------------|--------------|-------------|------|------------|
| 0.158000 | 43.33 | --- | 65.57 | 22.23 | N | 9.8 |
| 0.170000 | --- | 26.06 | 54.96 | 28.90 | N | 9.8 |
| 0.454000 | --- | 22.50 | 46.80 | 24.30 | N | 9.7 |
| 0.458000 | 33.10 | --- | 56.73 | 23.63 | N | 9.7 |
| 0.674500 | 32.40 | --- | 56.00 | 23.60 | N | 9.8 |
| 0.714500 | --- | 27.59 | 46.00 | 18.41 | N | 9.8 |
| 1.828000 | --- | 23.85 | 46.00 | 22.15 | N | 9.9 |
| 1.860000 | 31.30 | --- | 56.00 | 24.70 | N | 9.9 |
| 4.560000 | --- | 14.06 | 46.00 | 31.94 | N | 10.0 |
| 4.608000 | 25.35 | --- | 56.00 | 30.65 | N | 10.0 |
| 10.208000 | --- | 13.73 | 50.00 | 36.27 | N | 10.1 |
| 10.304000 | 25.01 | --- | 60.00 | 34.99 | N | 10.1 |

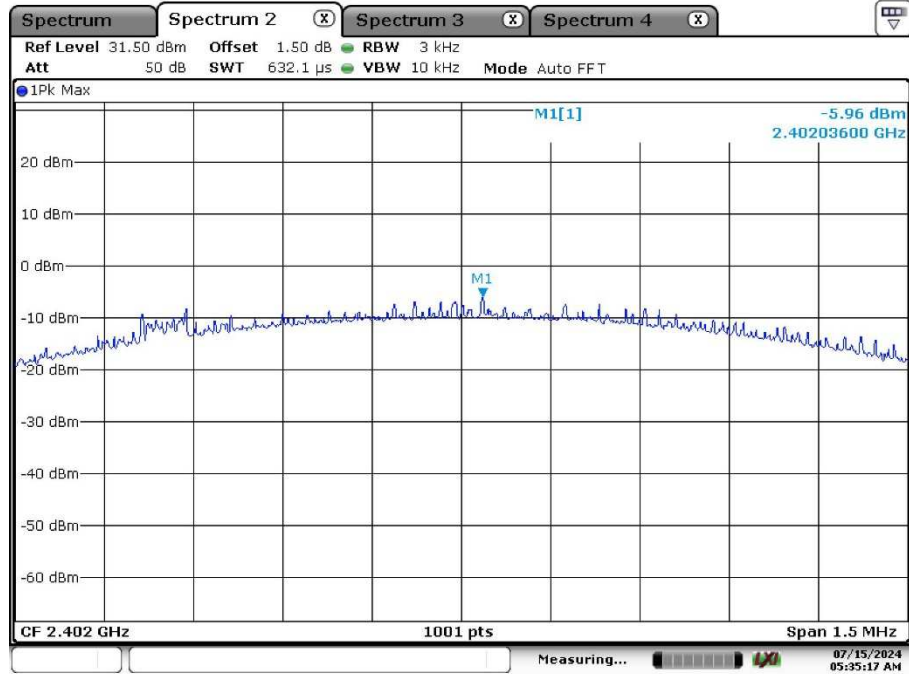
Final Result

| Frequency (MHz) | QuasiPeak (dBµV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | Corr. (dB) |
|-----------------|------------------|----------------|--------------|-------------|-----------------|-----------------|------|------------|
| 0.674500 | 26.67 | --- | 56.00 | 29.33 | 1000.0 | 9.000 | N | 9.8 |
| 0.714500 | --- | 27.54 | 46.00 | 18.46 | 1000.0 | 9.000 | N | 9.8 |

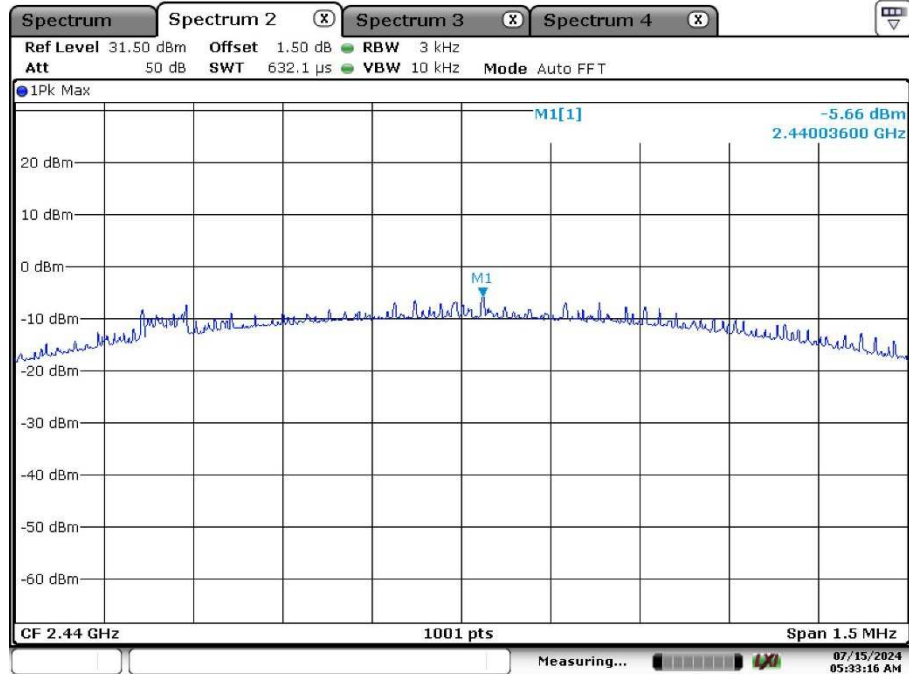
Appendix C: Test Results of 2.4GHz SDR

| | |
|---|----|
| APPENDIX C: TEST RESULTS OF 2.4GHZ SDR..... | 1 |
| APPENDIX C.1: TEST RESULTS OF CONDUCTED POWER SPECTRAL DENSITY..... | 2 |
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| APPENDIX C.7: TEST RESULTS OF CONDUCTED EMISSION ON AC MAINS | 32 |

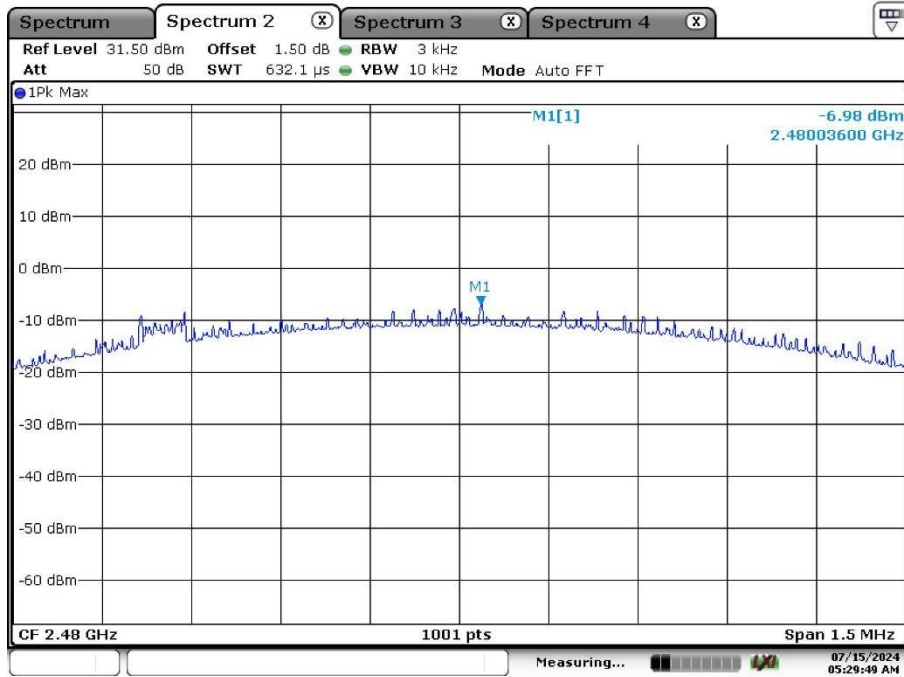
Appendix C.1: Test Results of Conducted Power Spectral Density



Date: 15.JUL.2024 05:35:18



Date: 15.JUL.2024 05:33:16



Date: 15.JUL.2024 05:29:49

| TestMode | Antenna | Channel | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|---------|------------------|-----------------|---------|
| 2.4G SDR | Ant1 | 2402 | -5.96 | ≤ 8 | PASS |
| | | 2440 | -5.66 | ≤ 8 | PASS |
| | | 2480 | -5.96 | ≤ 8 | PASS |

Appendix C.2: Test Results of 6dB Bandwidth

Minimum Emission Bandwidth 6 dB (2402 MHz; 20.000 dBm; 2 MHz)

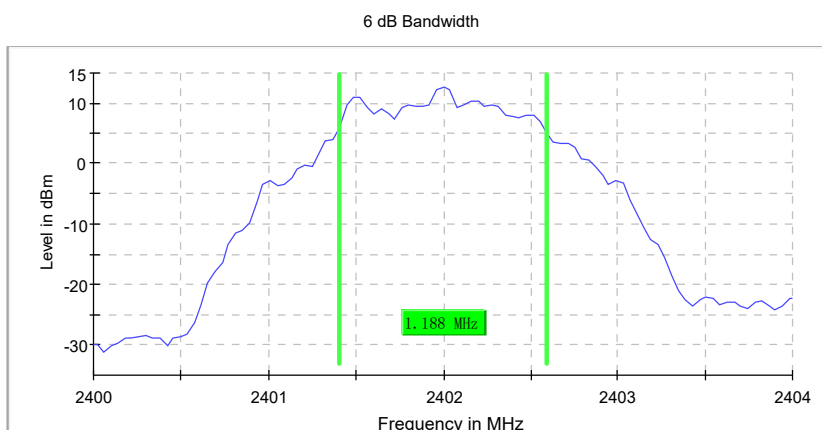
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2402.000000 | 1.188118 | 0.500000 | --- | 2401.405941 | 2402.594059 |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 2402.000000 | 12.8 | PASS |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 2.40000 GHz | 2.40000 GHz |
| Stop Frequency | 2.40400 GHz | 2.40400 GHz |
| Span | 4.000 MHz | 4.000 MHz |
| RBW | 100.000 kHz | ~ 100.000 kHz |
| VBW | 300.000 kHz | ~ 300.000 kHz |
| SweepPoints | 101 | ~ 80 |
| Sweptime | 18.938 µs | AUTO |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 100 | 100 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| SweepType | FFT | AUTO |
| Preamplifier | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.50 dB | 0.50 dB |
| Run | 13 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.13 dB | 0.50 dB |

Minimum Emission Bandwidth 6 dB (2440 MHz; 20.000 dBm; 2 MHz)

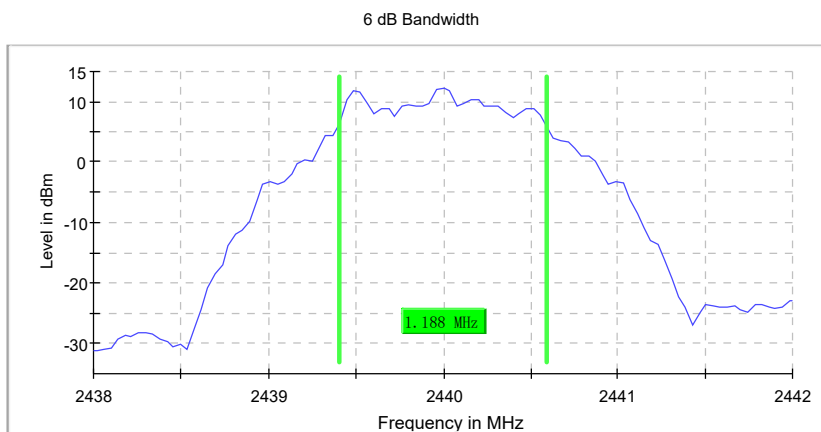
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2440.000000 | 1.188118 | 0.500000 | --- | 2439.405941 | 2440.594059 |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 2440.000000 | 12.3 | PASS |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 2.43800 GHz | 2.43800 GHz |
| Stop Frequency | 2.44200 GHz | 2.44200 GHz |
| Span | 4.000 MHz | 4.000 MHz |
| RBW | 100.000 kHz | ~ 100.000 kHz |
| VBW | 300.000 kHz | ~ 300.000 kHz |
| SweepPoints | 101 | ~ 80 |
| Sweeptime | 18.938 µs | AUTO |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 100 | 100 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.50 dB | 0.50 dB |
| Run | 11 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.39 dB | 0.50 dB |

Minimum Emission Bandwidth 6 dB (2480 MHz; 20.000 dBm; 2 MHz)

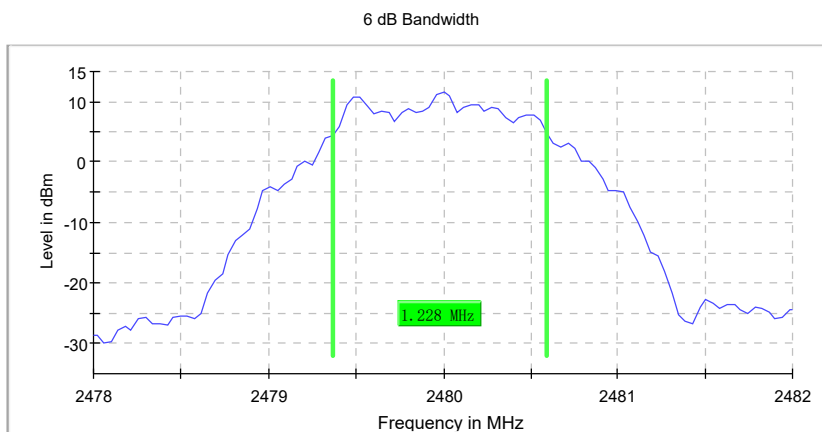
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2480.000000 | 1.227722 | 0.500000 | --- | 2479.366337 | 2480.594059 |

(continuation of the "6 dB Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 2480.000000 | 11.6 | PASS |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 2.47800 GHz | 2.47800 GHz |
| Stop Frequency | 2.48200 GHz | 2.48200 GHz |
| Span | 4.000 MHz | 4.000 MHz |
| RBW | 100.000 kHz | ~ 100.000 kHz |
| VBW | 300.000 kHz | ~ 300.000 kHz |
| SweepPoints | 101 | ~ 80 |
| Sweeptime | 18.938 µs | AUTO |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 100 | 100 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.50 dB | 0.50 dB |
| Run | 10 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.06 dB | 0.50 dB |

Appendix C.3: Test Results of 99% Bandwidth

Occupied Channel Bandwidth 99% (2402 MHz; 20.000 dBm; 2 MHz)

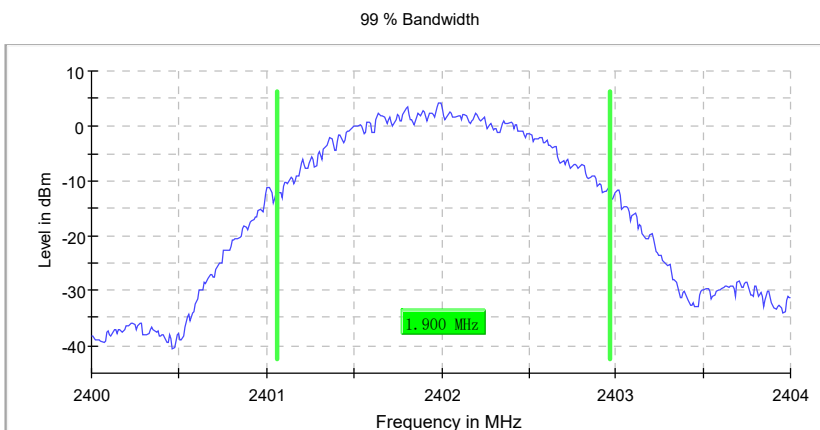
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2402.000000 | 1.900000 | --- | --- | 2401.065000 | 2402.965000 |

(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 2402.000000 | PASS |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 2.40000 GHz | 2.40000 GHz |
| Stop Frequency | 2.40400 GHz | 2.40400 GHz |
| Span | 4.000 MHz | 4.000 MHz |
| RBW | 20.000 kHz | >= 20.000 kHz |
| VBW | 100.000 kHz | >= 60.000 kHz |
| SweepPoints | 400 | ~ 400 |
| Sweeptime | 94.824 µs | AUTO |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 100 | 100 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 8 / max. 150 | max. 150 |
| Stable | 3 / 3 | 3 |
| Max Stable Difference | 0.12 dB | 0.30 dB |

Occupied Channel Bandwidth 99% (2440 MHz; 20.000 dBm; 2 MHz)

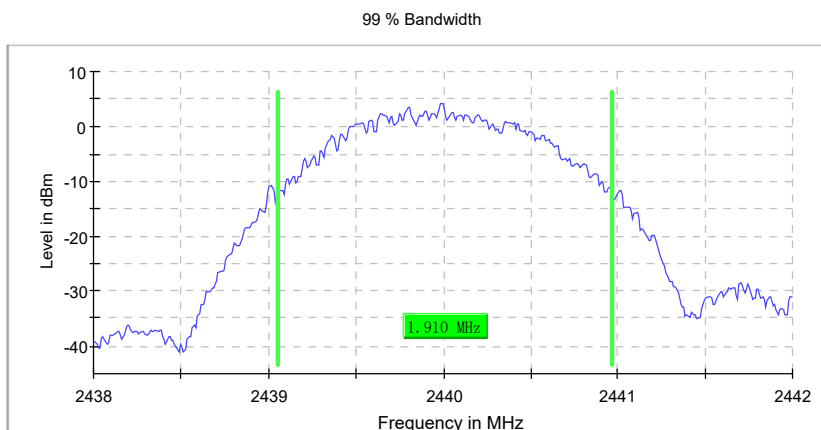
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2440.000000 | 1.910000 | --- | --- | 2439.055000 | 2440.965000 |

(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 2440.000000 | PASS |



Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 2.43800 GHz | 2.43800 GHz |
| Stop Frequency | 2.44200 GHz | 2.44200 GHz |
| Span | 4.000 MHz | 4.000 MHz |
| RBW | 20.000 kHz | >= 20.000 kHz |
| VBW | 100.000 kHz | >= 60.000 kHz |
| SweepPoints | 400 | ~ 400 |
| Sweeptime | 94.824 µs | AUTO |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 100 | 100 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 9 / max. 150 | max. 150 |
| Stable | 3 / 3 | 3 |
| Max Stable Difference | 0.28 dB | 0.30 dB |

Occupied Channel Bandwidth 99% (2480 MHz; 20.000 dBm; 2 MHz)

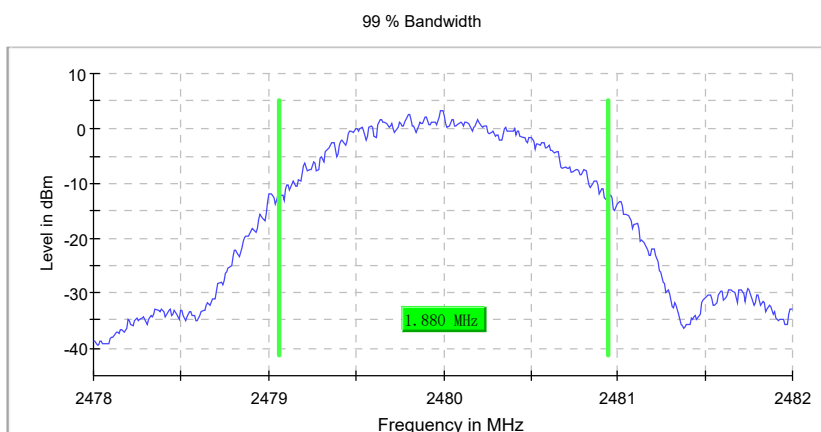
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2480.000000 | 1.880000 | --- | --- | 2479.065000 | 2480.945000 |

(continuation of the "99 % Bandwidth" table from column 6 ...)

| DUT Frequency (MHz) | Result |
|---------------------|--------|
| 2480.000000 | PASS |



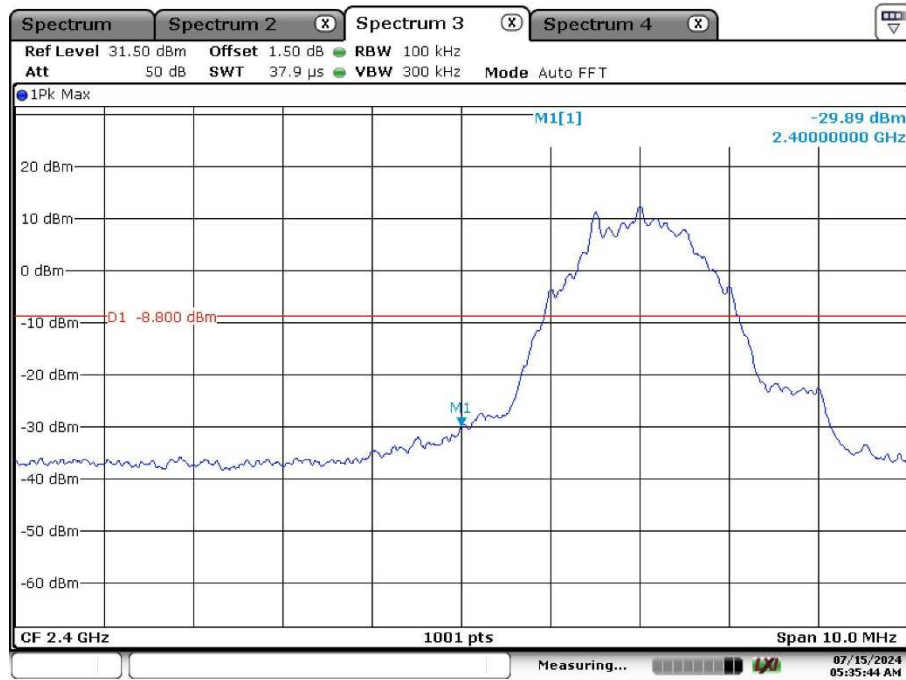
Measurement

| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 2.47800 GHz | 2.47800 GHz |
| Stop Frequency | 2.48200 GHz | 2.48200 GHz |
| Span | 4.000 MHz | 4.000 MHz |
| RBW | 20.000 kHz | >= 20.000 kHz |
| VBW | 100.000 kHz | >= 60.000 kHz |
| SweepPoints | 400 | ~ 400 |
| Sweeptime | 94.824 µs | AUTO |
| Reference Level | 10.000 dBm | 10.000 dBm |
| Attenuation | 30.000 dB | AUTO |
| Detector | MaxPeak | MaxPeak |
| SweepCount | 100 | 100 |
| Filter | 3 dB | 3 dB |
| Trace Mode | Max Hold | Max Hold |
| Sweeptype | FFT | AUTO |
| Preamp | off | off |
| Stablemode | Trace | Trace |
| Stablevalue | 0.30 dB | 0.30 dB |
| Run | 10 / max. 150 | max. 150 |
| Stable | 3 / 3 | 3 |
| Max Stable Difference | 0.25 dB | 0.30 dB |

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

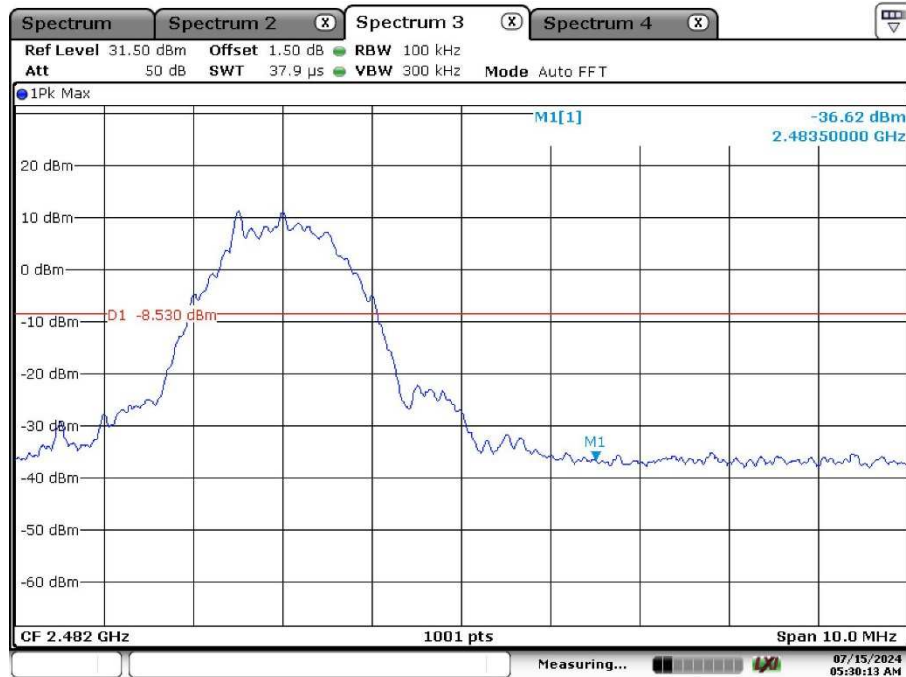
Band Edge

Low Channel:



Date: 15.JUL.2024 05:35:45

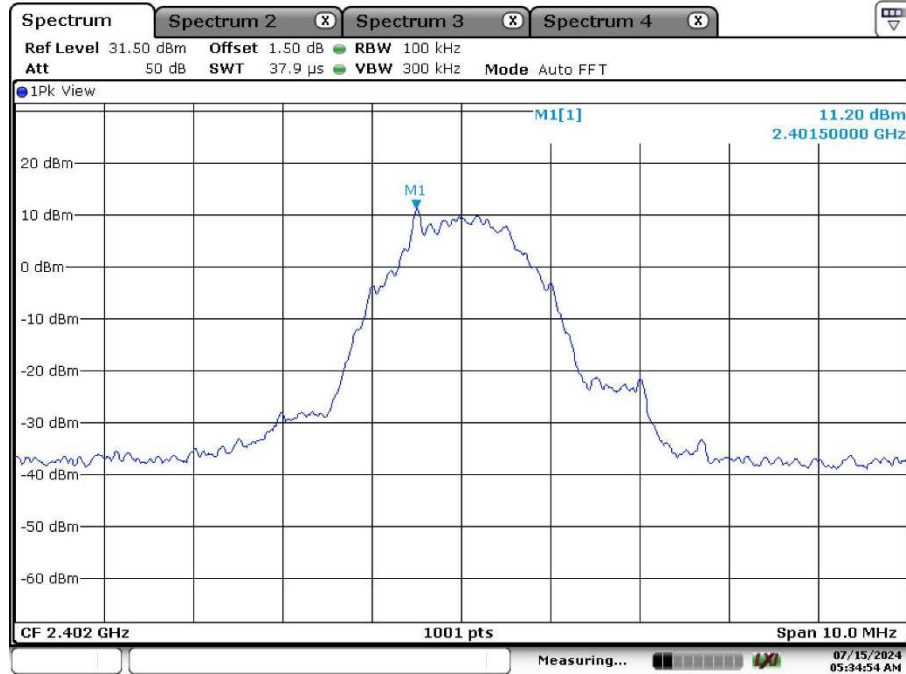
High Channel:



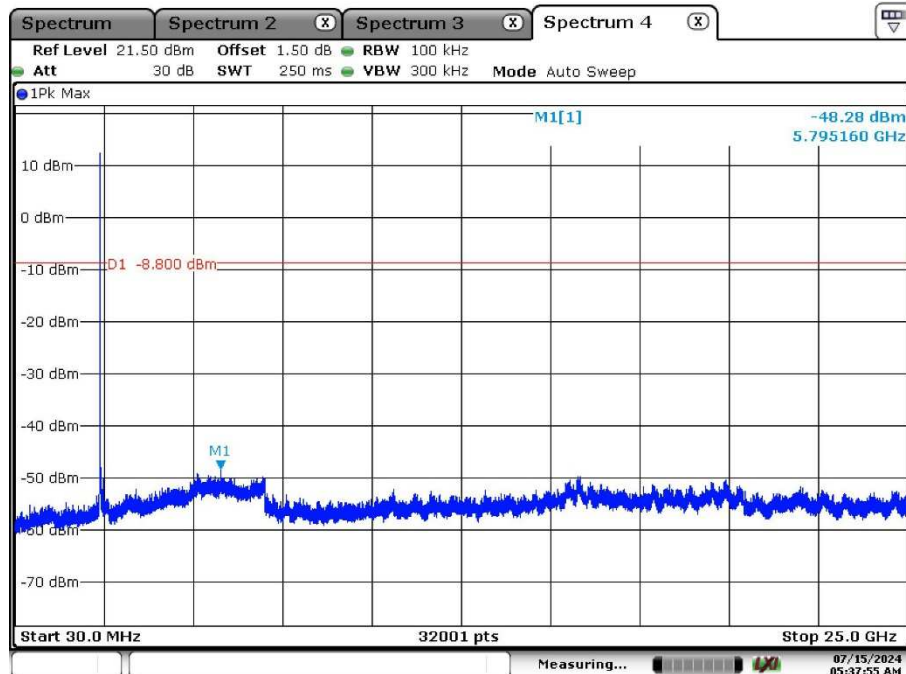
Date: 15.JUL.2024 05:30:13

Conducted Spurious Emission

Low Channel:

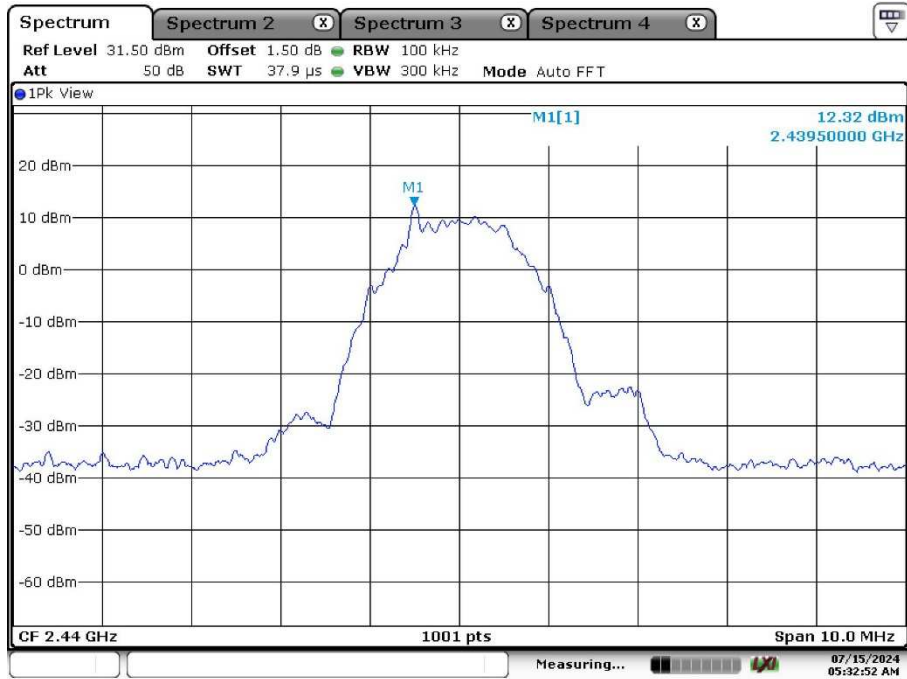


Date: 15.JUL.2024 05:34:55

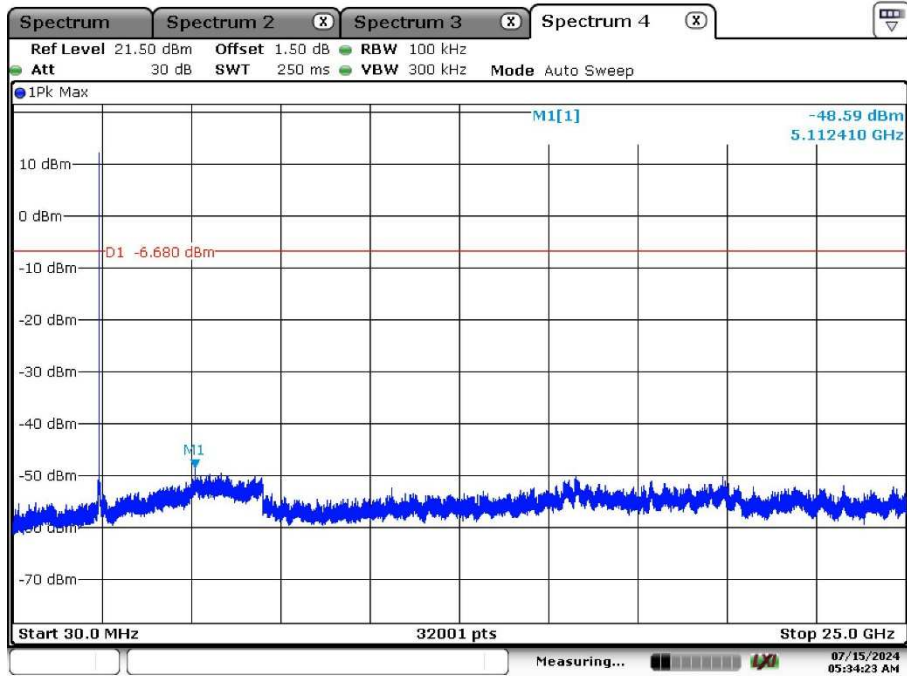


Date: 15.JUL.2024 05:37:56

Middle Channel:

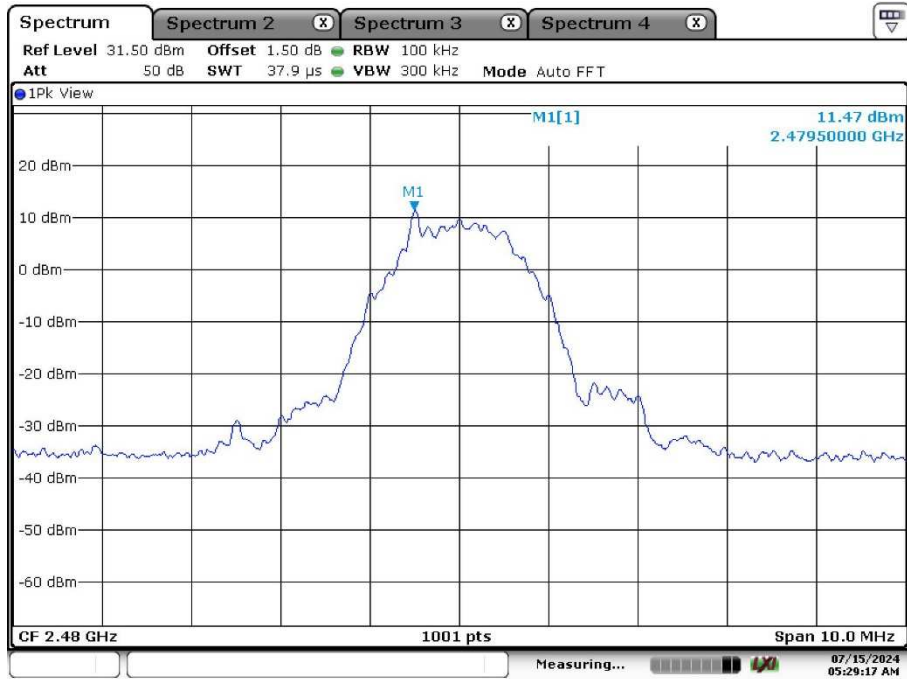


Date: 15.JUL.2024 05:32:53

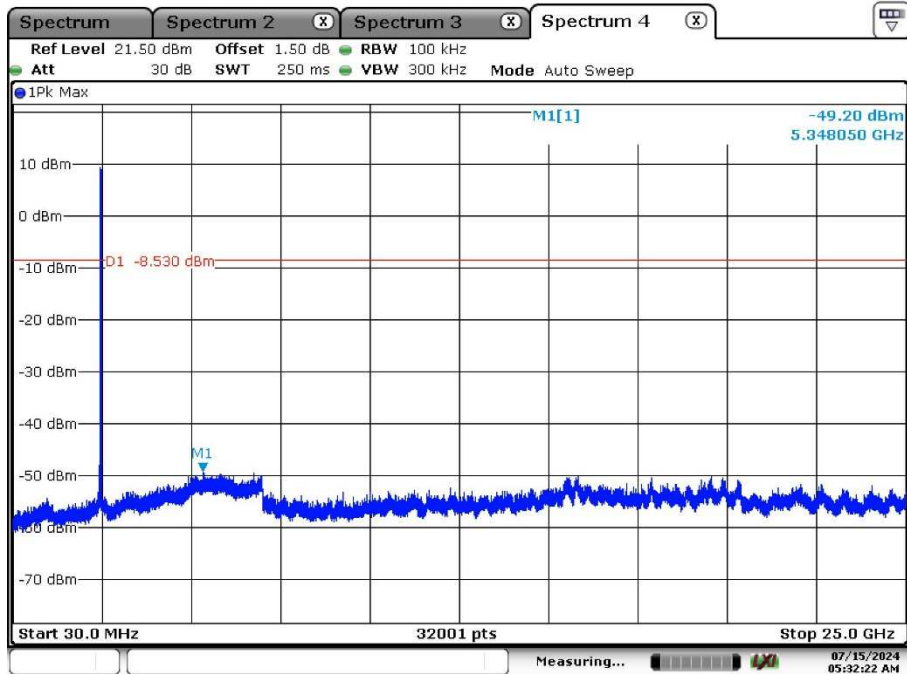


Date: 15.JUL.2024 05:34:23

High Channel:



Date: 15.JUL.2024 05:29:17



Date: 15.JUL.2024 05:32:23

Appendix C.5: Test Results of Radiated Spurious Emissions

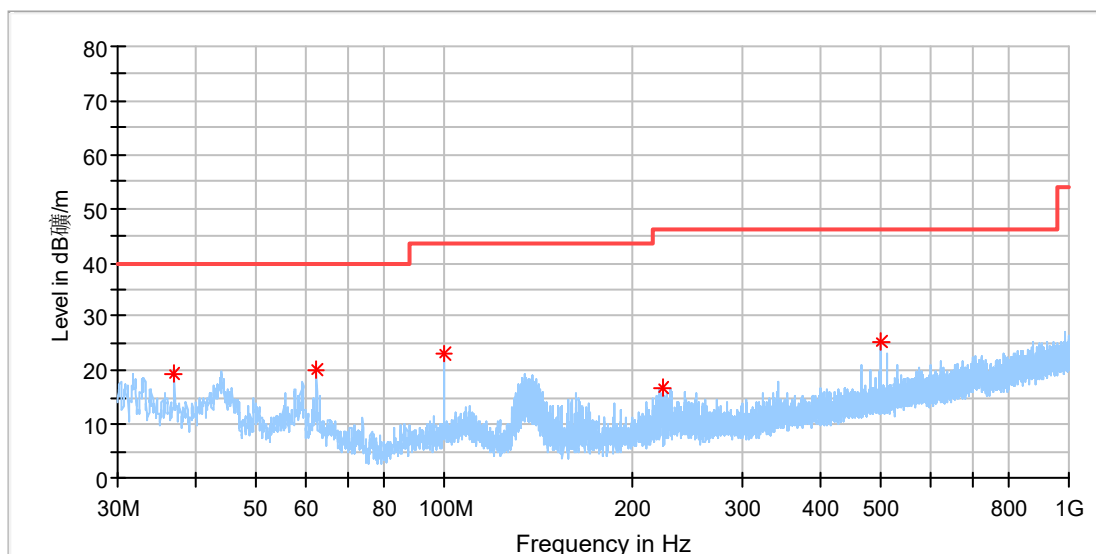
Note:

- 1) 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 to 1GHz

EUT Information

| | |
|---------------------|--------------------------|
| EUT Name: | DJI Mic Mini Transmitter |
| Model: | DMMT01 |
| Test Mode: | SDR 2.4G_Mid Channel |
| Order No/Sample No: | 168491157/A003754186-006 |
| Test Voltage: | Battery |
| Remark: | Temp 23 Humi:53% |
| Test Standard: | FCC 15.247 |
| Tested By: | Lich Chen |
| Reviewed By: | Terry Yin |



Critical Freqs

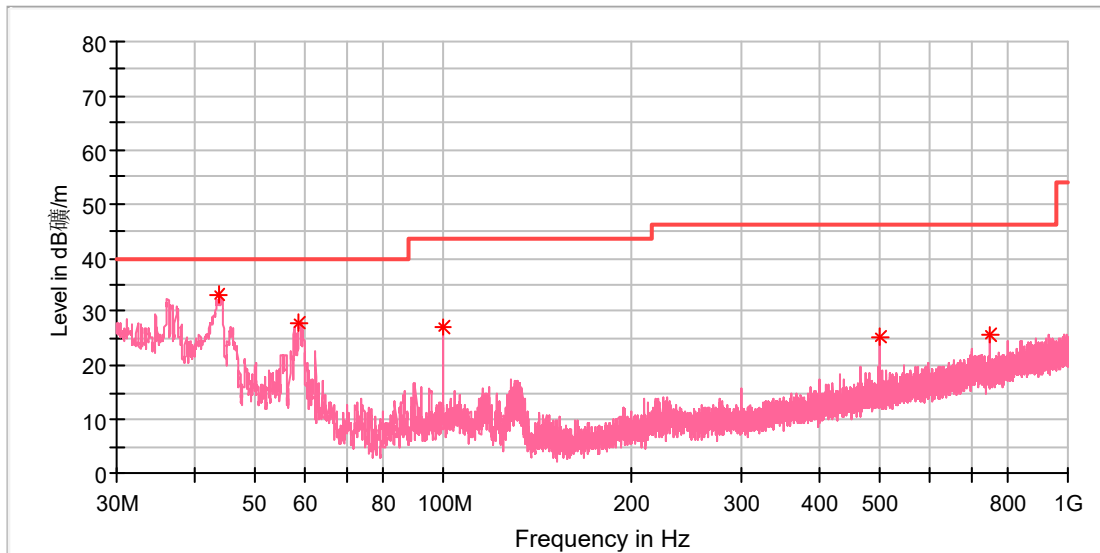
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 36.976539 | 19.47 | 40.00 | 20.53 | 100.0 | H | 72.0 | -21.5 |
| 62.495000 | 19.98 | 40.00 | 20.02 | 100.0 | H | 72.0 | -19.9 |
| 99.989231 | 23.13 | 43.50 | 20.37 | 100.0 | H | 24.0 | -19.3 |
| 223.216539 | 16.79 | 46.00 | 29.21 | 100.0 | H | 214.0 | -18.7 |
| 500.002308 | 25.28 | 46.00 | 20.72 | 100.0 | H | 128.0 | -12.2 |

Final Result

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

EUT Information

EUT Name: DJI Mic Mini Transmitter
 Model: DMMT01
 Test Mode: SDR 2.4G_Mid Channel
 Order No/Sample No: 168491157/A003754186-006
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.247
 Tested By: Lich Chen
 Reviewed By: Terry Yin



Critical Freqs

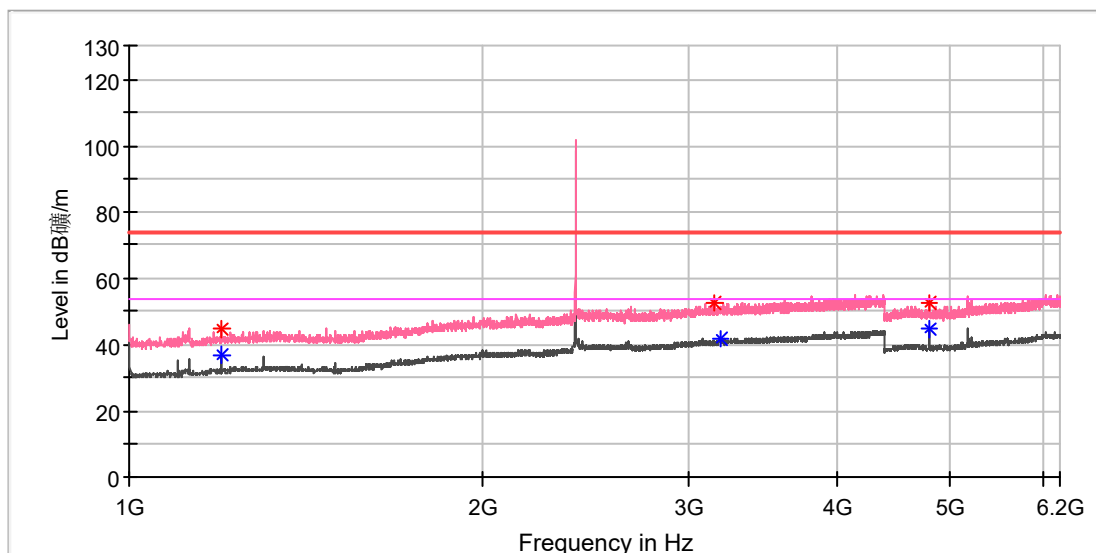
| Frequency (MHz) | MaxPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 43.729231 | 32.99 | 40.00 | 7.01 | 100.0 | V | 55.0 | -19.4 |
| 58.838846 | 27.93 | 40.00 | 12.07 | 100.0 | V | 47.0 | -19.2 |
| 99.989231 | 27.00 | 43.50 | 16.50 | 100.0 | V | 120.0 | -19.3 |
| 500.002308 | 25.29 | 46.00 | 20.71 | 100.0 | V | 161.0 | -12.2 |
| 750.038462 | 25.51 | 46.00 | 20.49 | 100.0 | V | 218.0 | -7.6 |

Final Result

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

EUT Information

EUT Name: DJI Mic Mini Transmitter
 Model: DMMT01
 Test Mode: SDR 2.4G_Low Channel
 Order No/Sample No: 168491157/A003754186-006
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.247
 Tested By: Lich Chen
 Reviewed By: Terry Yin



Critical Freqs

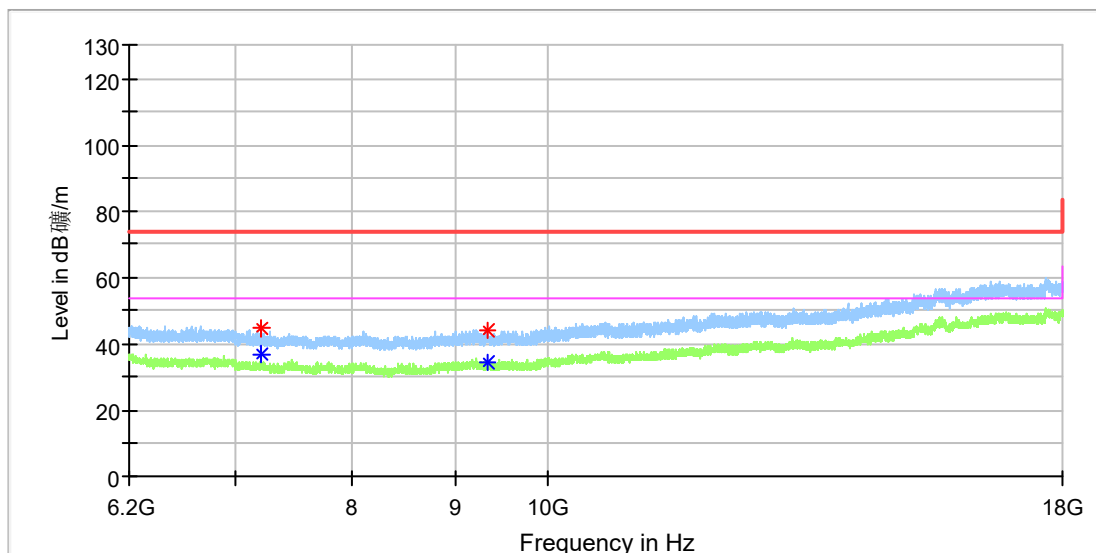
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1200.000000 | 44.75 | --- | 74.00 | 29.25 | 150.0 | V | 282.0 | 1.1 |
| 1200.000000 | --- | 36.82 | 54.00 | 17.18 | 150.0 | V | 282.0 | 1.1 |
| 3146.500000 | 52.59 | --- | 74.00 | 21.41 | 150.0 | V | 301.0 | 8.5 |
| 3184.000000 | --- | 41.85 | 54.00 | 12.15 | 150.0 | V | 255.0 | 8.6 |
| 4803.500000 | 52.34 | --- | 74.00 | 21.66 | 150.0 | V | 109.0 | 11.8 |
| 4804.000000 | --- | 44.57 | 54.00 | 9.43 | 150.0 | V | 109.0 | 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: DJI Mic Mini Transmitter
 Model: DMMT01
 Test Mode: SDR 2.4G_Low Channel
 Order No/Sample No: 168491157/A003754186-006
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.247
 Tested By: Lich Chen
 Reviewed By: Terry Yin



Critical Freqs

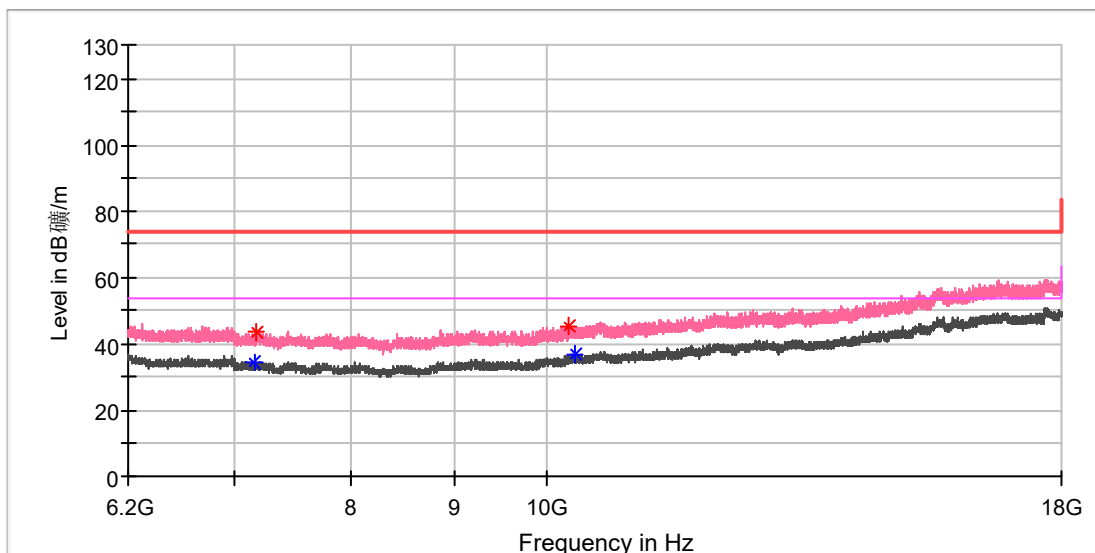
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7203.983333 | 44.46 | --- | 74.00 | 29.54 | 150.0 | H | 48.0 | 8.8 |
| 7205.950000 | --- | 36.97 | 54.00 | 17.03 | 150.0 | H | 275.0 | 8.8 |
| 9341.750000 | 44.40 | --- | 74.00 | 29.60 | 150.0 | H | 287.0 | 10.0 |
| 9343.225000 | --- | 34.76 | 54.00 | 19.24 | 150.0 | H | 300.0 | 10.0 |

Final Result

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

EUT Information

EUT Name: DJI Mic Mini Transmitter
 Model: DMMT01
 Test Mode: SDR 2.4G_Low Channel
 Order No/Sample No: 168491157/A003754186-006
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.247
 Tested By: Lich Chen
 Reviewed By: Terry Yin



Critical Freqs

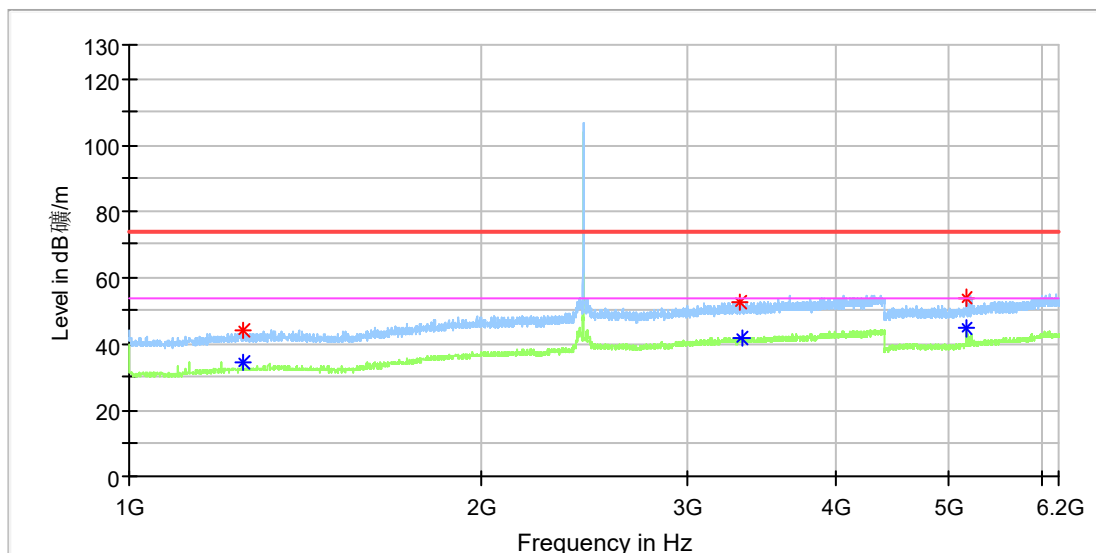
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7167.600000 | --- | 34.46 | 54.00 | 19.54 | 150.0 | V | 315.0 | 8.7 |
| 7171.041667 | 43.62 | --- | 74.00 | 30.38 | 150.0 | V | 114.0 | 8.7 |
| 10254.775000 | 45.07 | --- | 74.00 | 28.93 | 150.0 | V | 150.0 | 11.5 |
| 10332.950000 | --- | 36.95 | 54.00 | 17.05 | 150.0 | V | 195.0 | 11.7 |

Final Result

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

EUT Information

| | |
|---------------------|--------------------------|
| EUT Name: | DJI Mic Mini Transmitter |
| Model: | DMMT01 |
| Test Mode: | SDR 2.4G_Mid Channel |
| Order No/Sample No: | 168491157/A003754186-006 |
| Test Voltage: | Battery |
| Remark: | Temp 23 Humi:53% |
| Test Standard: | FCC 15.247 |
| Tested By: | Lich Chen |
| Reviewed By: | Terry Yin |



Critical Freqs

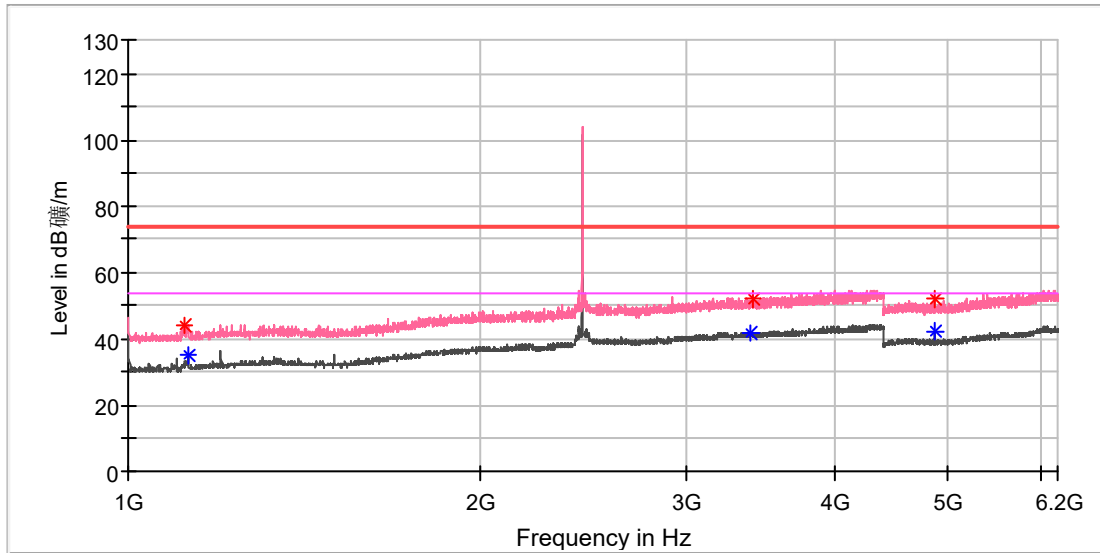
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1249.500000 | 44.13 | --- | 74.00 | 29.87 | 150.0 | H | 310.0 | 1.9 |
| 1250.000000 | --- | 34.50 | 54.00 | 19.50 | 150.0 | H | 310.0 | 1.9 |
| 3319.500000 | 52.53 | --- | 74.00 | 21.47 | 150.0 | H | 297.0 | 8.6 |
| 3327.000000 | --- | 41.59 | 54.00 | 12.41 | 150.0 | H | 135.0 | 8.6 |
| 5173.000000 | --- | 44.74 | 54.00 | 9.26 | 150.0 | H | 294.0 | 12.5 |
| 5173.000000 | 53.87 | --- | 74.00 | 20.13 | 150.0 | H | 294.0 | 12.5 |

Final Result

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

EUT Information

EUT Name: DJI Mic Mini Transmitter
 Model: DMMT01
 Test Mode: SDR 2.4G_Mid Channel
 Order No/Sample No: 168491157/A003754186-006
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.247
 Tested By: Lich Chen
 Reviewed By: Terry Yin



Critical Freqs

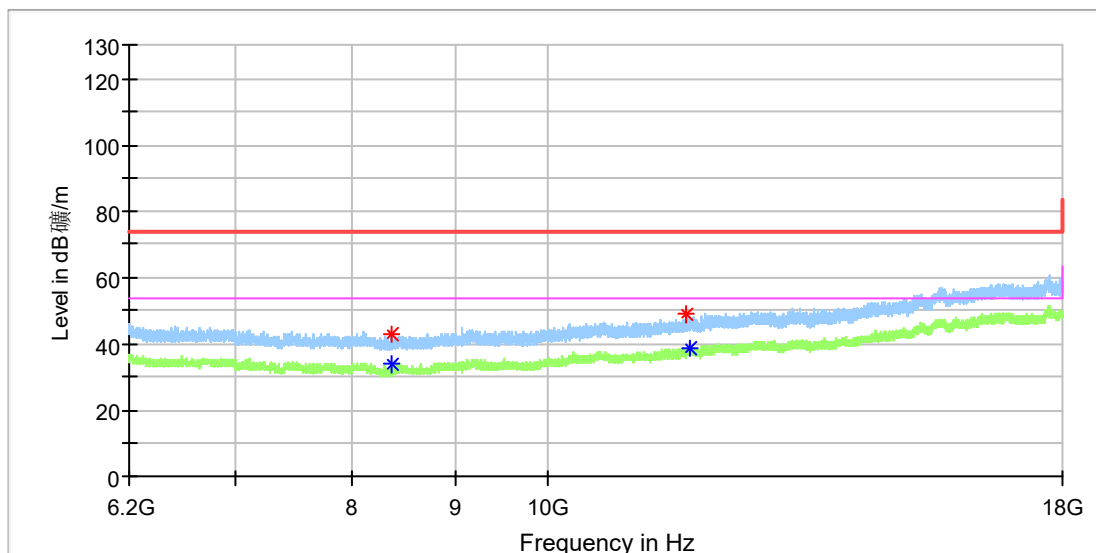
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1118.500000 | 44.22 | --- | 74.00 | 29.78 | 150.0 | V | 305.0 | 0.2 |
| 1124.500000 | --- | 35.14 | 54.00 | 18.86 | 150.0 | V | 310.0 | 0.3 |
| 3396.500000 | --- | 41.59 | 54.00 | 12.41 | 150.0 | V | 94.0 | 8.7 |
| 3411.000000 | 52.06 | --- | 74.00 | 21.94 | 150.0 | V | 268.0 | 8.7 |
| 4879.500000 | --- | 42.31 | 54.00 | 11.69 | 150.0 | V | 87.0 | 11.8 |
| 4880.000000 | 51.74 | --- | 74.00 | 22.26 | 150.0 | V | 110.0 | 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: DJI Mic Mini Transmitter
 Model: DMMT01
 Test Mode: SDR 2.4G_Mid Channel
 Order No/Sample No: 168491157/A003754186-006
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.247
 Tested By: Lich Chen
 Reviewed By: Terry Yin



Critical Freqs

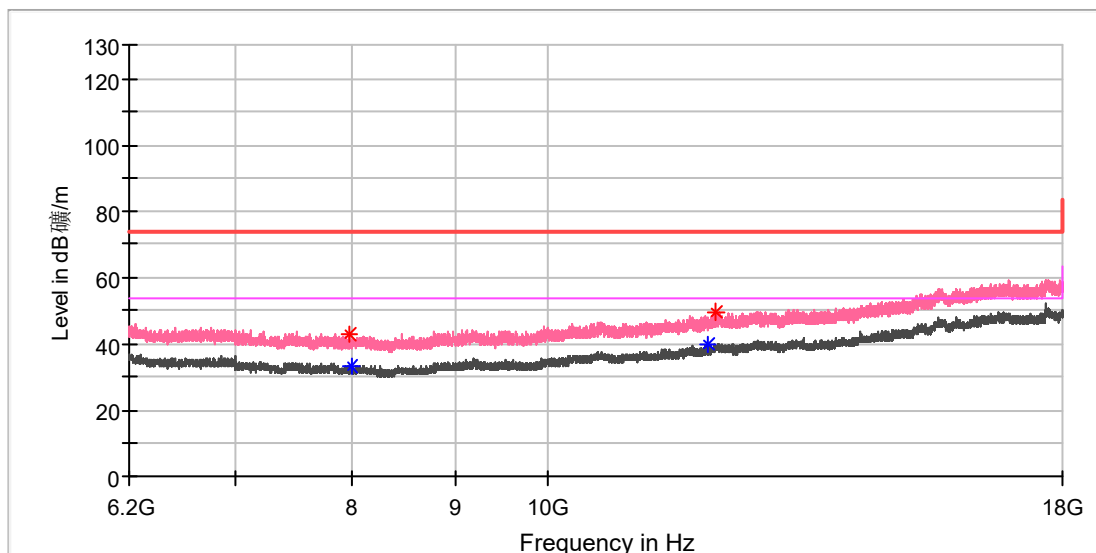
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 8374.641667 | --- | 33.62 | 54.00 | 20.38 | 150.0 | H | 235.0 | 9.0 |
| 8374.641667 | 43.19 | --- | 74.00 | 30.81 | 150.0 | H | 235.0 | 9.0 |
| 11720.925000 | 48.94 | --- | 74.00 | 25.06 | 150.0 | H | 306.0 | 13.3 |
| 11771.566667 | --- | 38.90 | 54.00 | 15.10 | 150.0 | H | 100.0 | 13.4 |

Final Result

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

EUT Information

EUT Name: DJI Mic Mini Transmitter
 Model: DMMT01
 Test Mode: SDR 2.4G_Mid Channel
 Order No/Sample No: 168491157/A003754186-006
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.247
 Tested By: Lich Chen
 Reviewed By: Terry Yin



Critical Freqs

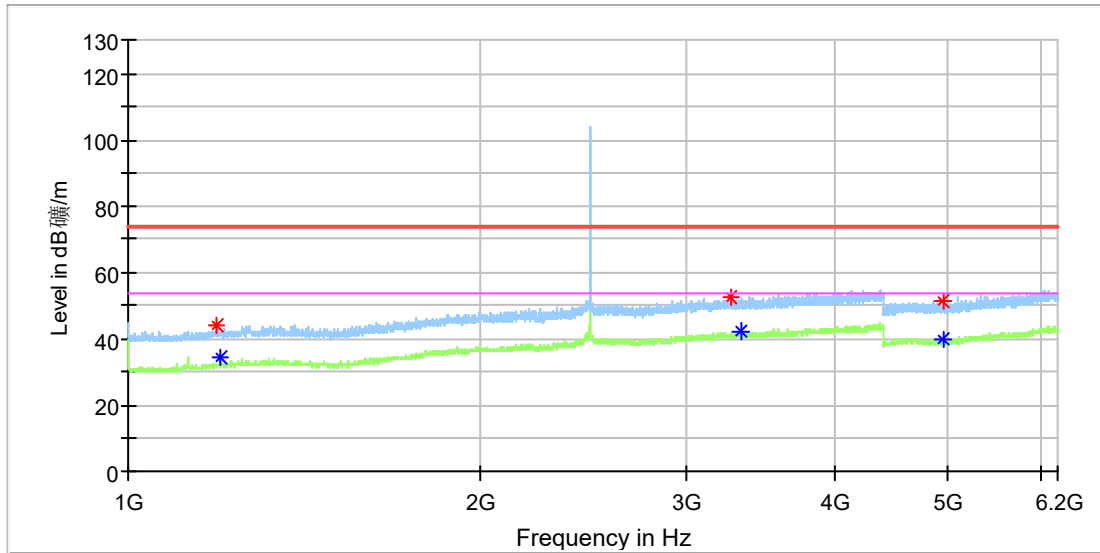
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7979.341667 | 42.71 | --- | 74.00 | 31.29 | 150.0 | V | 111.0 | 8.8 |
| 7984.258333 | --- | 33.08 | 54.00 | 20.92 | 150.0 | V | 193.0 | 8.8 |
| 12011.991667 | --- | 39.66 | 54.00 | 14.34 | 150.0 | V | 355.0 | 14.0 |
| 12125.566667 | 49.61 | --- | 74.00 | 24.39 | 150.0 | V | 17.0 | 14.3 |

Final Result

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

EUT Information

EUT Name: DJI Mic Mini Transmitter
 Model: DMMT01
 Test Mode: SDR 2.4G_High Channel
 Order No/Sample No: 168491157/A003754186-006
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.247
 Tested By: Lich Chen
 Reviewed By: Terry Yin



Critical Freqs

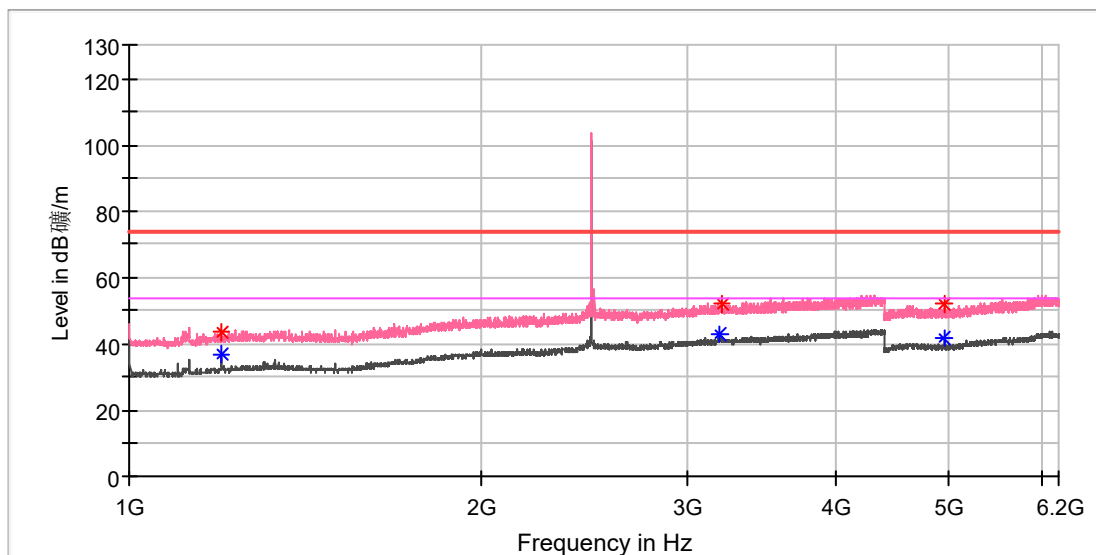
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1190.000000 | 44.00 | --- | 74.00 | 30.00 | 150.0 | H | 278.0 | 1.1 |
| 1200.000000 | --- | 34.28 | 54.00 | 19.72 | 150.0 | H | 5.0 | 1.1 |
| 3262.500000 | 52.68 | --- | 74.00 | 21.32 | 150.0 | H | 329.0 | 8.5 |
| 3331.500000 | --- | 42.15 | 54.00 | 11.85 | 150.0 | H | 340.0 | 8.6 |
| 4954.500000 | 51.24 | --- | 74.00 | 22.76 | 150.0 | H | 110.0 | 11.8 |
| 4959.000000 | --- | 39.85 | 54.00 | 14.15 | 150.0 | H | 59.0 | 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: DJI Mic Mini Transmitter
 Model: DMMT01
 Test Mode: SDR 2.4G_High Channel
 Order No/Sample No: 168491157/A003754186-006
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.247
 Tested By: Lich Chen
 Reviewed By: Terry Yin



Critical Freqs

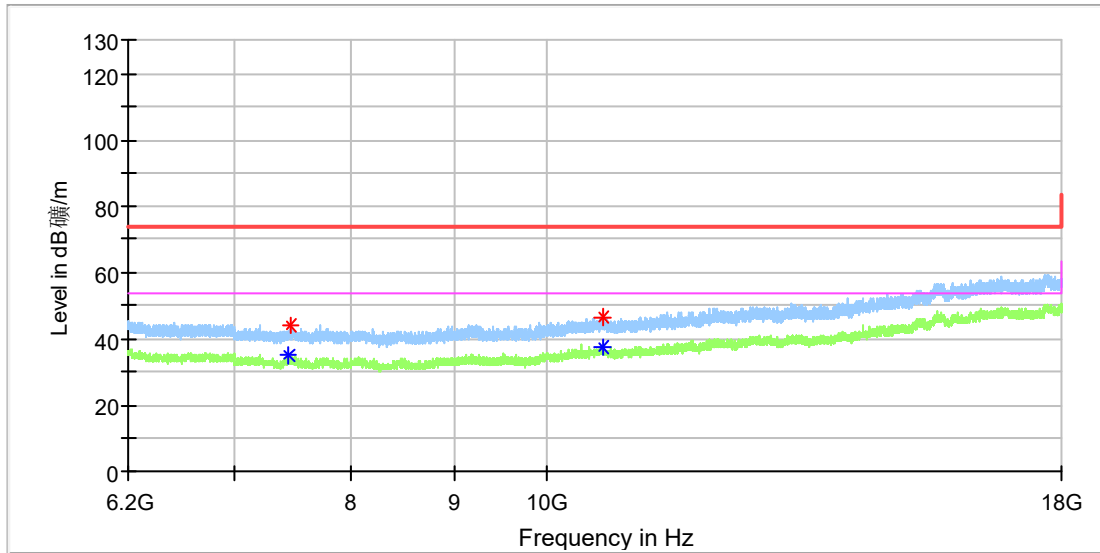
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 1200.000000 | 43.36 | --- | 74.00 | 30.64 | 150.0 | V | 71.0 | 1.1 |
| 1200.000000 | --- | 37.13 | 54.00 | 16.87 | 150.0 | V | 71.0 | 1.1 |
| 3191.500000 | --- | 42.86 | 54.00 | 11.14 | 150.0 | V | 338.0 | 8.6 |
| 3203.500000 | 52.22 | --- | 74.00 | 21.78 | 150.0 | V | 338.0 | 8.6 |
| 4959.000000 | 51.76 | --- | 74.00 | 22.24 | 150.0 | V | 84.0 | 11.8 |
| 4959.000000 | --- | 41.81 | 54.00 | 12.19 | 150.0 | V | 84.0 | 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: DJI Mic Mini Transmitter
 Model: DMMT01
 Test Mode: SDR 2.4G_High Channel
 Order No/Sample No: 168491157/A003754186-006
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.247
 Tested By: Lich Chen
 Reviewed By: Terry Yin



Critical Freqs

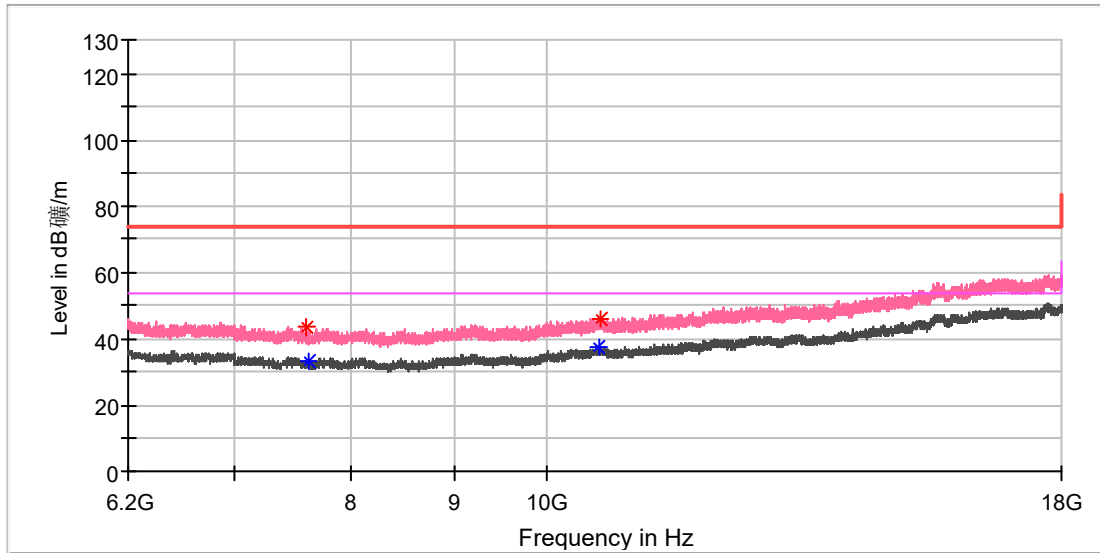
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7441.458333 | --- | 34.84 | 54.00 | 19.16 | 150.0 | H | 106.0 | 8.4 |
| 7454.241667 | 43.97 | --- | 74.00 | 30.03 | 150.0 | H | 336.0 | 8.5 |
| 10656.466667 | 46.74 | --- | 74.00 | 27.26 | 150.0 | H | 142.0 | 12.0 |
| 10664.825000 | --- | 37.24 | 54.00 | 16.76 | 150.0 | H | 287.0 | 11.9 |

Final Result

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

EUT Information

EUT Name: DJI Mic Mini Transmitter
 Model: DMMT01
 Test Mode: SDR 2.4G_High Channel
 Order No/Sample No: 168491157/A003754186-006
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.247
 Tested By: Lich Chen
 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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 7593.383333 | 43.51 | --- | 74.00 | 30.49 | 150.0 | V | 104.0 | 8.7 |
| 7619.441667 | --- | 33.44 | 54.00 | 20.56 | 150.0 | V | 174.0 | 8.6 |
| 10623.033333 | --- | 37.57 | 54.00 | 16.43 | 150.0 | V | 235.0 | 12.0 |
| 10636.308333 | 46.12 | --- | 74.00 | 27.88 | 150.0 | V | 150.0 | 12.0 |

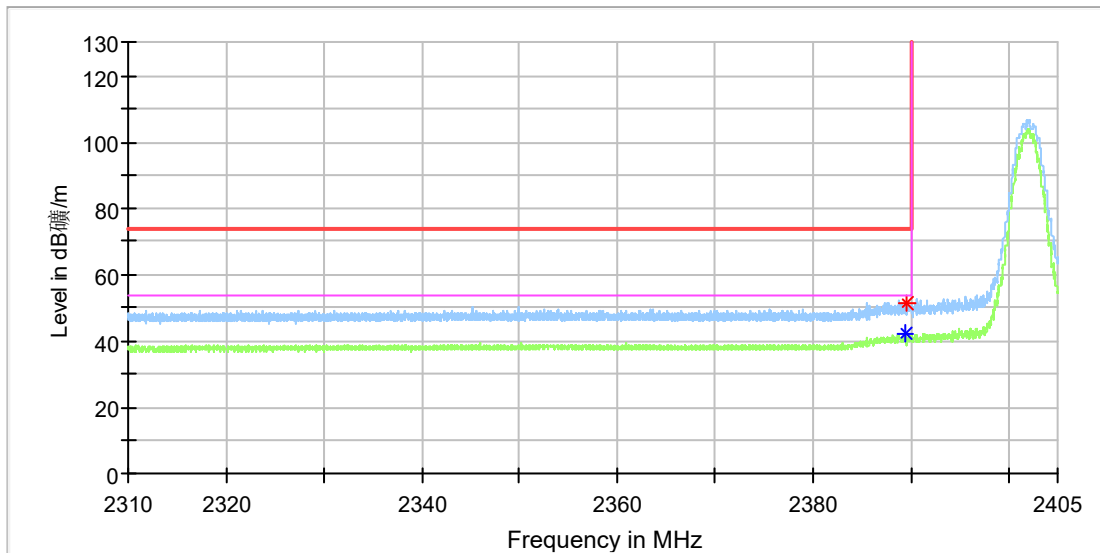
Final Result

| 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: | DJI Mic Mini Transmitter |
| Model: | DMMT01 |
| Test Mode: | SDR 2.4G_Low Channel |
| Order No/Sample No: | 168491157/A003754186-006 |
| Test Voltage: | Battery |
| Remark: | Temp 23 Humi:53% |
| Test Standard: | FCC 15.247 |
| Tested By: | Lich Chen |
| Reviewed By: | Terry Yin |



Critical Freqs

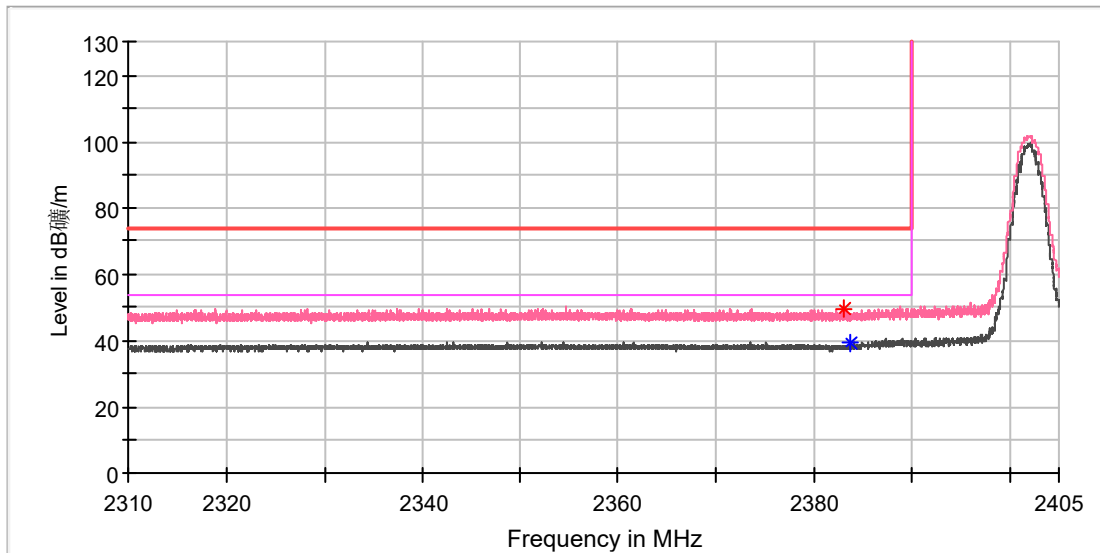
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2389.422794 | --- | 42.04 | 54.00 | 11.96 | 150.0 | H | 328.0 | 7.0 |
| 2389.632353 | 51.69 | --- | 74.00 | 22.31 | 150.0 | H | 299.0 | 7.0 |

Final Result

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

EUT Information

| | |
|---------------------|--------------------------|
| EUT Name: | DJI Mic Mini Transmitter |
| Model: | DMMT01 |
| Test Mode: | SDR 2.4G_Low Channel |
| Order No/Sample No: | 168491157/A003754186-006 |
| Test Voltage: | Battery |
| Remark: | Temp 23 Humi:53% |
| Test Standard: | FCC 15.247 |
| Tested By: | Lich Chen |
| Reviewed By: | Terry Yin |



Critical Freqs

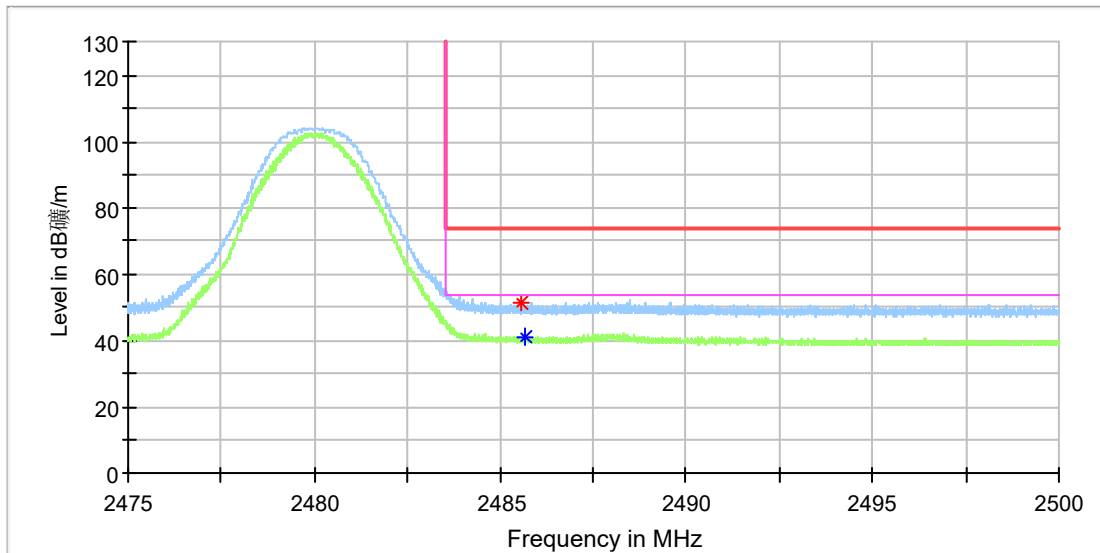
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2383.163971 | 49.30 | --- | 74.00 | 24.70 | 150.0 | V | 216.0 | 7.0 |
| 2383.750735 | --- | 39.09 | 54.00 | 14.91 | 150.0 | V | 222.0 | 7.0 |

Final Result

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

EUT Information

| | |
|---------------------|--------------------------|
| EUT Name: | DJI Mic Mini Transmitter |
| Model: | DMMT01 |
| Test Mode: | SDR 2.4G_High Channel |
| Order No/Sample No: | 168491157/A003754186-006 |
| Test Voltage: | Battery |
| Remark: | Temp 23 Humi:53% |
| Test Standard: | FCC 15.247 |
| Tested By: | Lich Chen |
| Reviewed By: | Terry Yin |



Critical Freqs

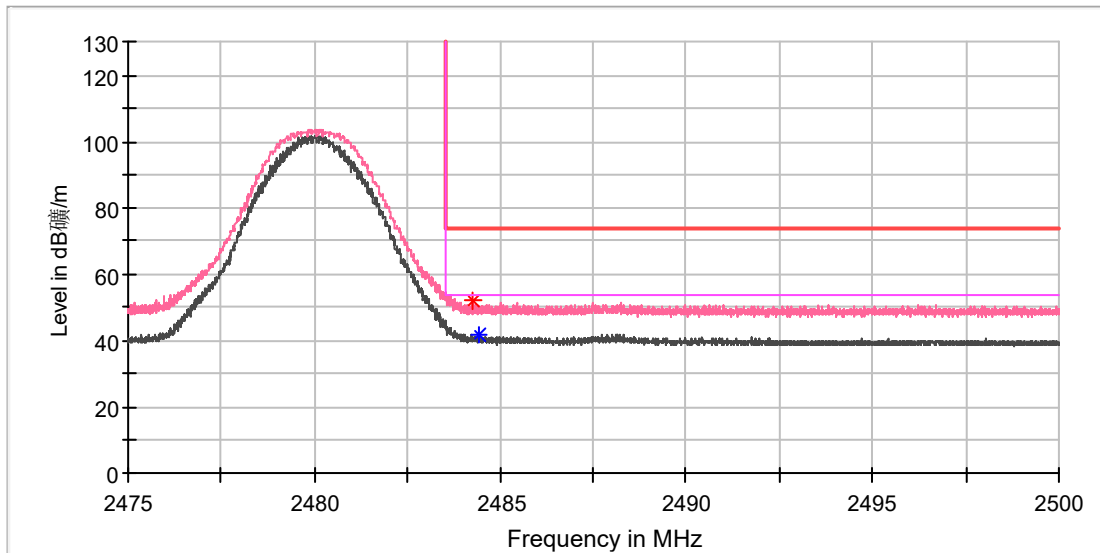
| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2485.558824 | 51.51 | --- | 74.00 | 22.49 | 150.0 | H | 322.0 | 7.4 |
| 2485.665441 | --- | 40.93 | 54.00 | 13.07 | 150.0 | H | 103.0 | 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: | DJI Mic Mini Transmitter |
| Model: | DMMT01 |
| Test Mode: | SDR 2.4G_High Channel |
| Order No/Sample No: | 168491157/A003754186-006 |
| Test Voltage: | Battery |
| Remark: | Temp 23 Humi:53% |
| Test Standard: | FCC 15.247 |
| Tested By: | Lich Chen |
| 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) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2484.261030 | 52.15 | --- | 74.00 | 21.85 | 150.0 | V | 61.0 | 7.4 |
| 2484.411765 | --- | 41.59 | 54.00 | 12.41 | 150.0 | V | 116.0 | 7.4 |

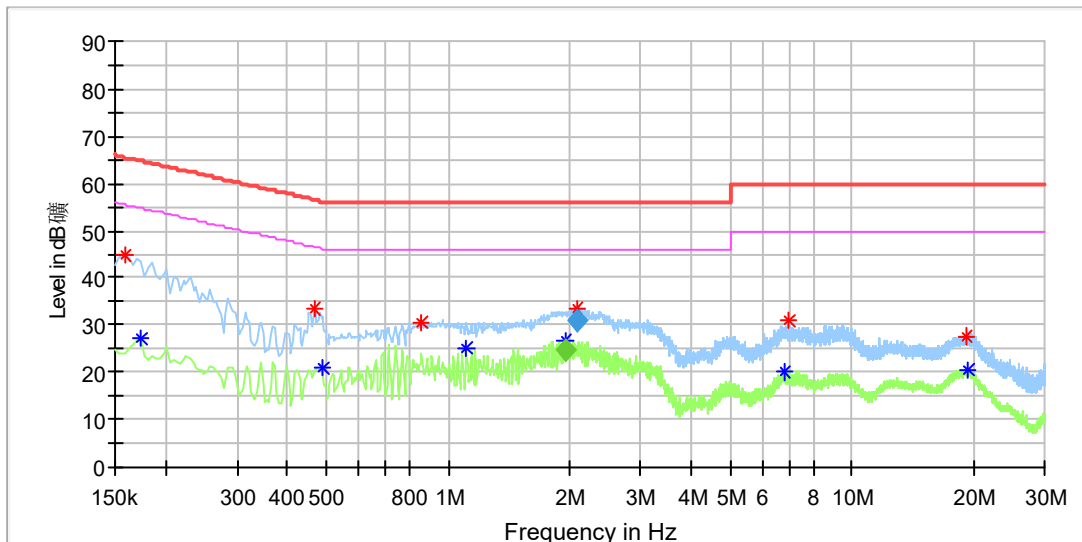
Final Result

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

Appendix C.7: Test Results of Conducted Emission on AC Mains

EUT Information

| | |
|---------------------|--------------------------|
| EUT Name | DJI Mic Mini Transmitter |
| Order Number: | P01505476 |
| Model: | DMMT01 |
| Test Mode: | 2.4G SDR Link |
| Test Voltage: | AC 120V/60Hz |
| Test Standard: | FCC Part 15 |
| Test By:/Review By: | Dawn Shen/Shower Dai |
| Tem./Hum./Pressure: | 23.7°C/52.2%/101kPa |
| Remark: | SR1 |



Critical Freqs

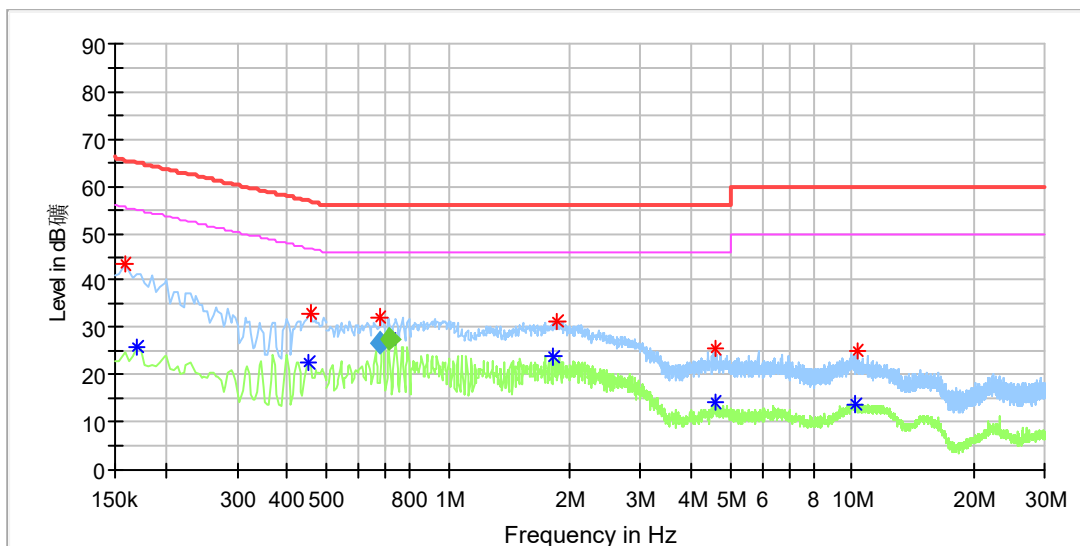
| Frequency (MHz) | MaxPeak (dBμV) | Average (dBμV) | Limit (dBμV) | Margin (dB) | Line | Corr. (dB) |
|-----------------|----------------|----------------|--------------|-------------|------|------------|
| 0.158000 | 44.66 | --- | 65.57 | 20.91 | L1 | 9.6 |
| 0.174000 | --- | 27.12 | 54.77 | 27.65 | L1 | 9.7 |
| 0.466000 | 33.31 | --- | 56.59 | 23.28 | L1 | 9.9 |
| 0.486000 | --- | 20.97 | 46.24 | 25.26 | L1 | 9.9 |
| 0.860000 | 30.71 | --- | 56.00 | 25.29 | L1 | 9.7 |
| 1.112000 | --- | 24.93 | 46.00 | 21.07 | L1 | 9.7 |
| 1.946500 | --- | 26.59 | 46.00 | 19.41 | L1 | 9.8 |
| 2.081500 | 33.57 | --- | 56.00 | 22.43 | L1 | 9.8 |
| 6.796000 | --- | 20.08 | 50.00 | 29.92 | L1 | 9.9 |
| 6.952000 | 30.81 | --- | 60.00 | 29.19 | L1 | 9.9 |
| 19.024000 | 27.75 | --- | 60.00 | 32.25 | L1 | 10.4 |
| 19.384000 | --- | 20.54 | 50.00 | 29.46 | L1 | 10.5 |

Final Result

| Frequency (MHz) | QuasiPeak (dBμV) | Average (dBμV) | Limit (dBμV) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | Corr. (dB) |
|-----------------|------------------|----------------|--------------|-------------|-----------------|-----------------|------|------------|
| 1.946500 | --- | 24.66 | 46.00 | 21.34 | 1000.0 | 9.000 | L1 | 9.8 |
| 2.081500 | 31.18 | --- | 56.00 | 24.82 | 1000.0 | 9.000 | L1 | 9.9 |

EUT Information

| | |
|---------------------|--------------------------|
| EUT Name | DJI Mic Mini Transmitter |
| Order Number: | P01505476 |
| Model: | DMMT01 |
| Test Mode: | 2.4G SDR Link |
| Test Voltage: | AC 120V/60Hz |
| Test Standard: | FCC Part 15 |
| Test By./Review By: | Dawn Shen/Shower Dai |
| Tem./Hum./Pressure: | 23.7°C/52.2%/101kPa |
| Remark: | SR1 |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBμV) | Average (dBμV) | Limit (dBμV) | Margin (dB) | Line | Corr. (dB) |
|-----------------|----------------|----------------|--------------|-------------|------|------------|
| 0.158000 | 43.33 | --- | 65.57 | 22.23 | N | 9.8 |
| 0.170000 | --- | 26.06 | 54.96 | 28.90 | N | 9.8 |
| 0.454000 | --- | 22.50 | 46.80 | 24.30 | N | 9.7 |
| 0.458000 | 33.10 | --- | 56.73 | 23.63 | N | 9.7 |
| 0.674500 | 32.40 | --- | 56.00 | 23.60 | N | 9.8 |
| 0.714500 | --- | 27.59 | 46.00 | 18.41 | N | 9.8 |
| 1.828000 | --- | 23.85 | 46.00 | 22.15 | N | 9.9 |
| 1.860000 | 31.30 | --- | 56.00 | 24.70 | N | 9.9 |
| 4.560000 | --- | 14.06 | 46.00 | 31.94 | N | 10.0 |
| 4.608000 | 25.35 | --- | 56.00 | 30.65 | N | 10.0 |
| 10.208000 | --- | 13.73 | 50.00 | 36.27 | N | 10.1 |
| 10.304000 | 25.01 | --- | 60.00 | 34.99 | N | 10.1 |

Final Result

| Frequency (MHz) | QuasiPeak (dBμV) | Average (dBμV) | Limit (dBμV) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | Corr. (dB) |
|-----------------|------------------|----------------|--------------|-------------|-----------------|-----------------|------|------------|
| 0.674500 | 26.67 | --- | 56.00 | 29.33 | 1000.0 | 9.000 | N | 9.8 |
| 0.714500 | --- | 27.54 | 46.00 | 18.46 | 1000.0 | 9.000 | N | 9.8 |