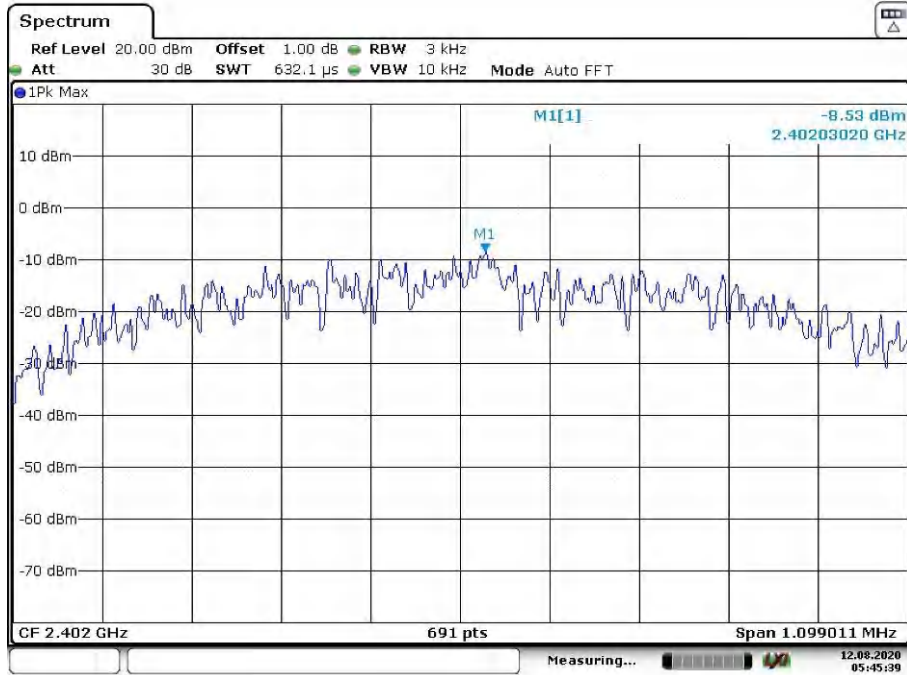


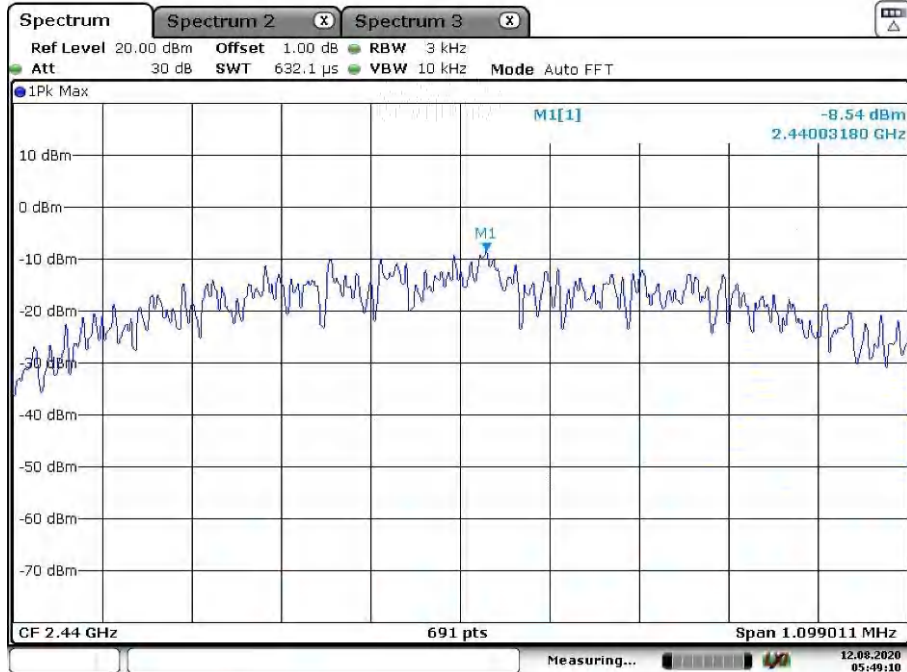
Appendix C: Test Results of BLE

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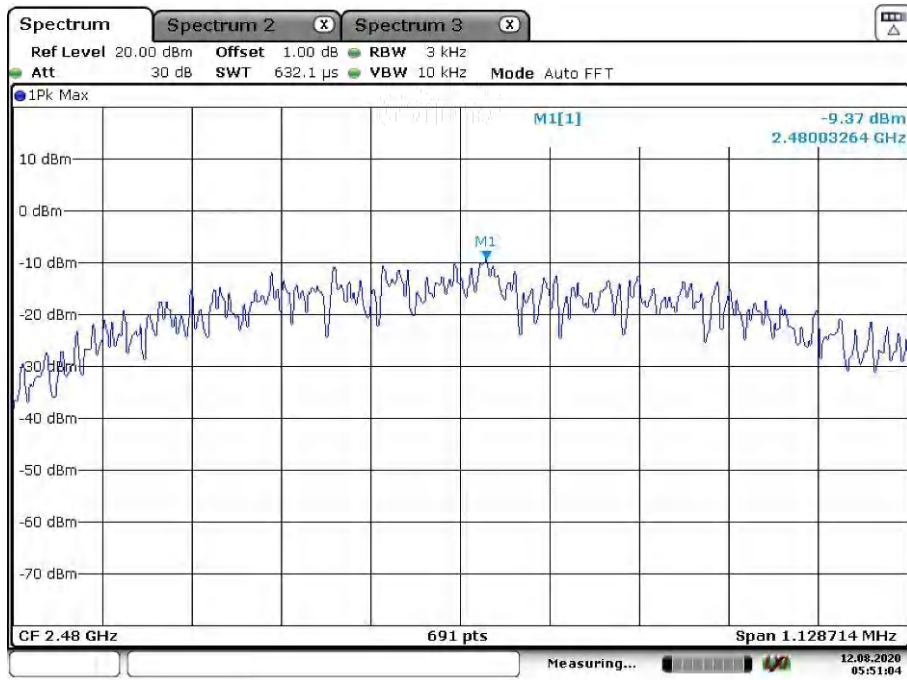
Appendix C.1: Test Results of Conducted Power Spectral Density



Date: 12.AUG.2020 05:45:39



Date: 12.AUG.2020 05:49:10



Date: 12.AUG.2020 05:51:04

Appendix C.2: Test Results of 6dB Bandwidth

FCC Part 47 §15.247 2400-2483.5 MHz 2017

Minimum Emission Bandwidth 6 dB (2402 MHz; 10.000 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

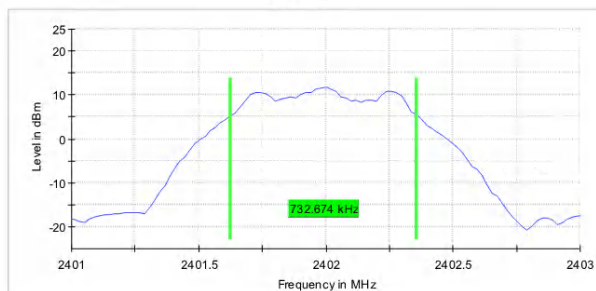
6 dB Bandwidth

| 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 | -- | 2401.623762 | 2402.356436 |

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

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 2402.000000 | 11.7 | PASS |

6 dB Bandwidth



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 | 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 | 8 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.08 dB | 0.50 dB |

FCC Part 47 §15.247 2400-2483.5 MHz 2017

Minimum Emission Bandwidth 6 dB (2440 MHz; 10.000 dBm; 1 MHz)

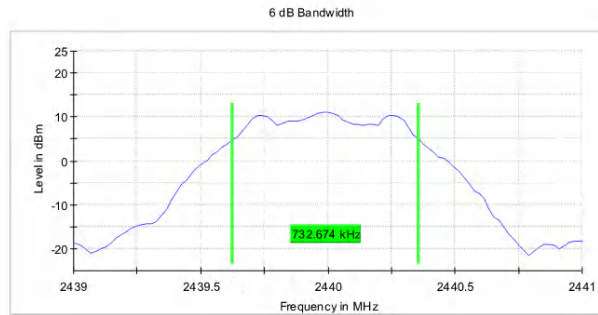
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

6 dB Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2440.000000 | 0.732674 | 0.500000 | -- | 2439.623762 | 2440.356436 |

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

| DUT Frequency (MHz) | Max Level (dBm) | Result |
|---------------------|-----------------|--------|
| 2440.000000 | 11.2 | 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 | 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 | 9 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.06 dB | 0.50 dB |

FCC Part 47 §15.247 2400-2483.5 MHz 2017

Minimum Emission Bandwidth 6 dB (2480 MHz; 10.000 dBm; 1 MHz)

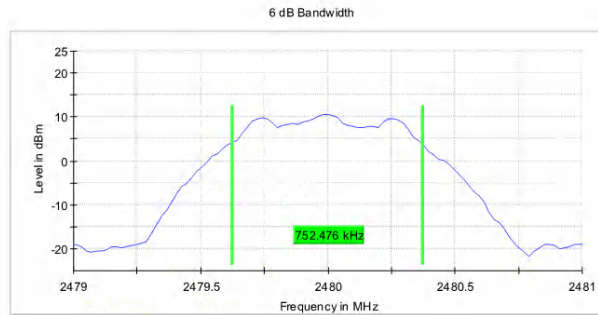
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

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 | 10.5 | 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 | 9 / max. 150 | max. 150 |
| Stable | 5 / 5 | 5 |
| Max Stable Difference | 0.09 dB | 0.50 dB |

Appendix C.3: Test Results of 99% Bandwidth

FCC Part 47 §15.247 2400-2483.5 MHz 2017

Occupied Channel Bandwidth 99% (2402 MHz; 10.000 dBm; 1 MHz)

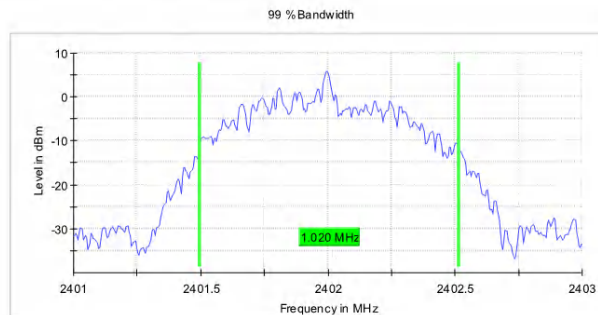
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2402.000000 | 1.020000 | --- | --- | 2401.497500 | 2402.517500 |

(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 | 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 | 5 / max. 150 | max. 150 |
| Stable | 3 / 3 | 3 |
| Max Stable Difference | 0.08 dB | 0.30 dB |

FCC Part 47 §15.247 2400-2483.5 MHz 2017

Occupied Channel Bandwidth 99% (2440 MHz; 10.000 dBm; 1 MHz)

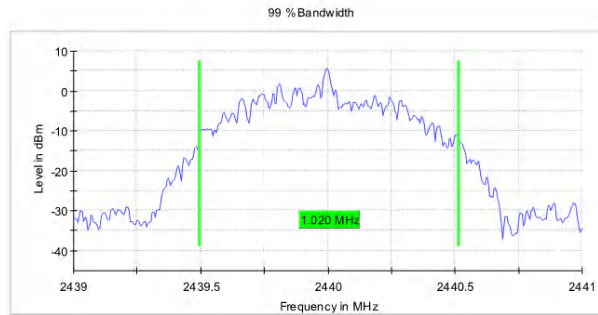
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2440.000000 | 1.020000 | --- | --- | 2439.497500 | 2440.517500 |

(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 | 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 | 5 / max. 150 | max. 150 |
| Stable | 3 / 3 | 3 |
| Max Stable Difference | 0.13 dB | 0.30 dB |

FCC Part 47 §15.247 2400-2483.5 MHz 2017

Occupied Channel Bandwidth 99% (2480 MHz; 10.000 dBm; 1 MHz)

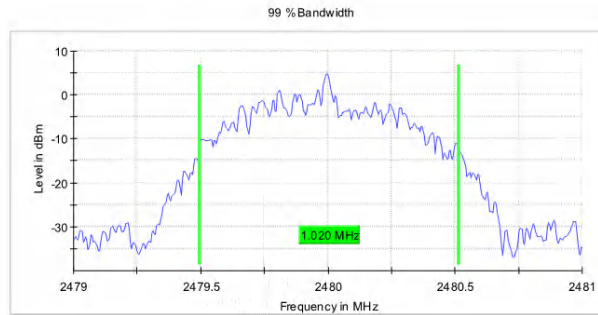
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04 and ANSI C63.10-2013

99 % Bandwidth

| DUT Frequency (MHz) | Bandwidth (MHz) | Limit Min (MHz) | Limit Max (MHz) | Band Edge Left (MHz) | Band Edge Right (MHz) |
|---------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|
| 2480.000000 | 1.020000 | --- | --- | 2479.497500 | 2480.517500 |

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

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

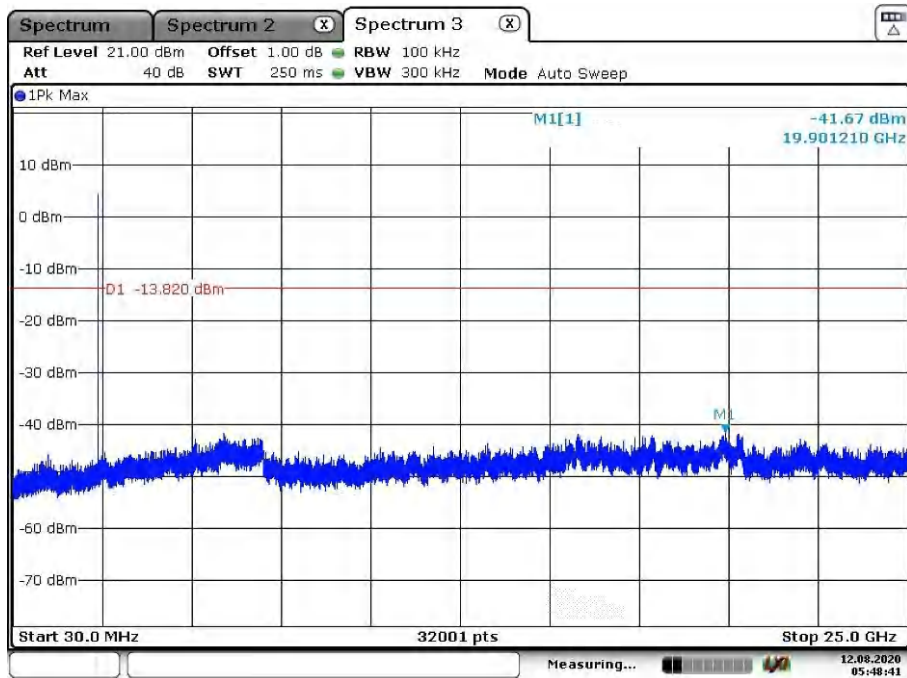
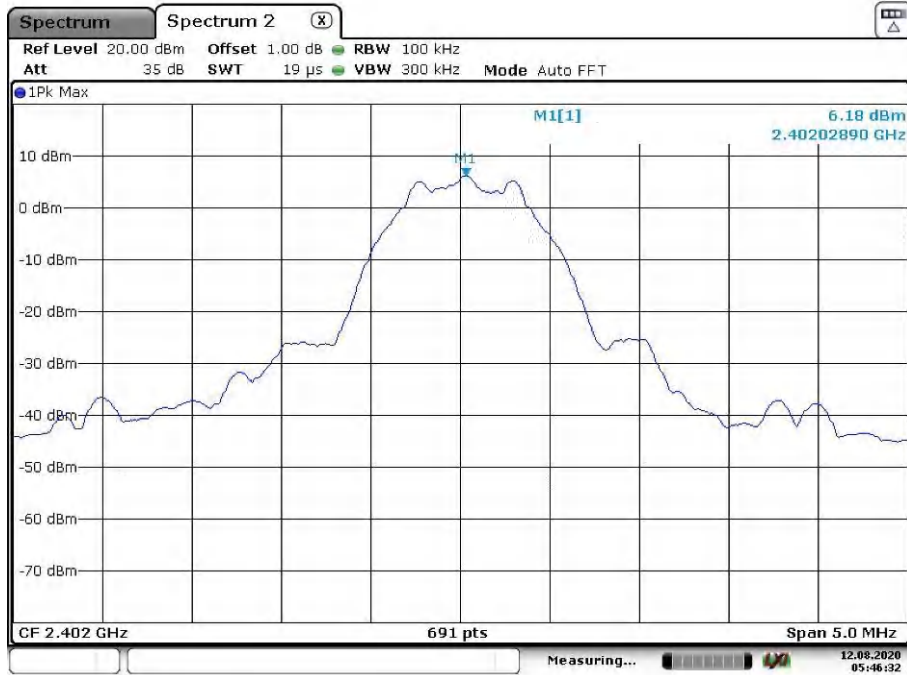


Measurement

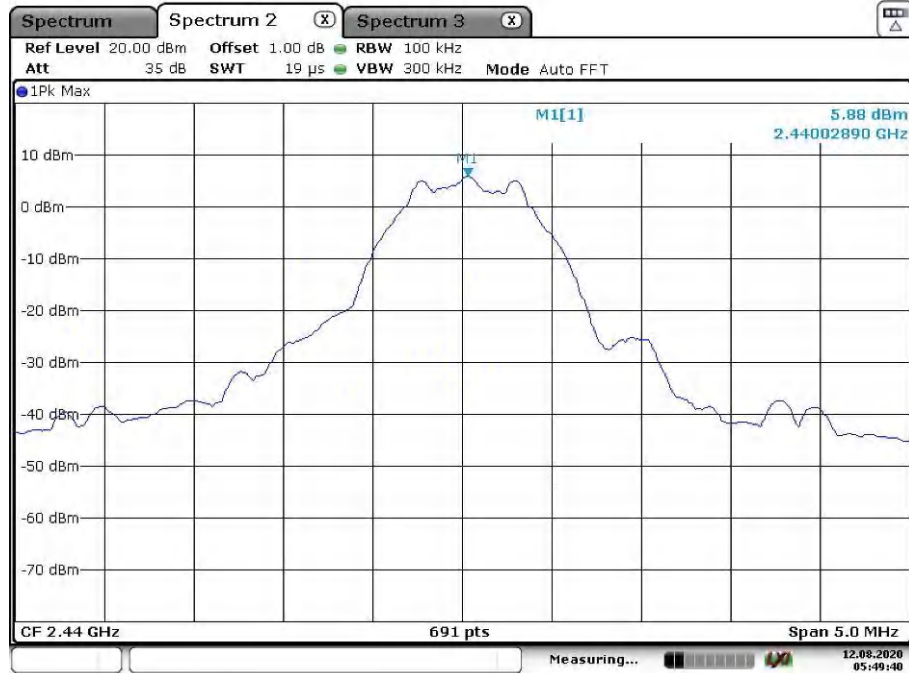
| Setting | Instrument Value | Target Value |
|-----------------------|------------------|---------------|
| Start Frequency | 2.47900 GHz | 2.47900 GHz |
| Stop Frequency | 2.48100 GHz | 2.48100 GHz |
| Span | 2.000 MHz | 2.000 MHz |
| RBW | 10.000 kHz | >= 10.000 kHz |
| VBW | 30.000 kHz | >= 30.000 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 | 6 / max. 150 | max. 150 |
| Stable | 3 / 3 | 3 |
| Max Stable Difference | 0.09 dB | 0.30 dB |

Appendix C.4: Test Results of Conducted Spurious Emissions

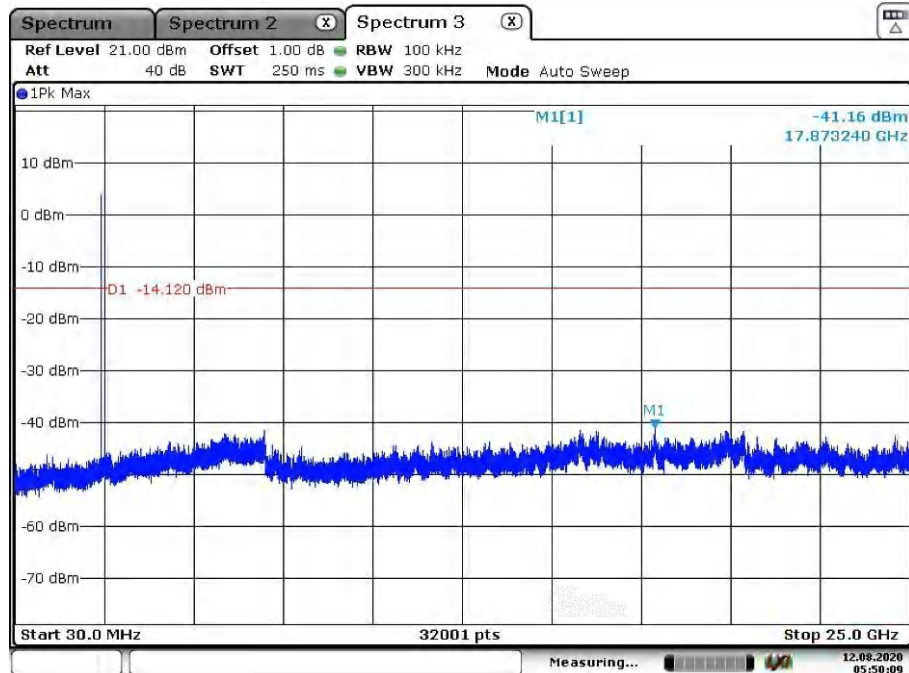
Low Channel



Middle Channel

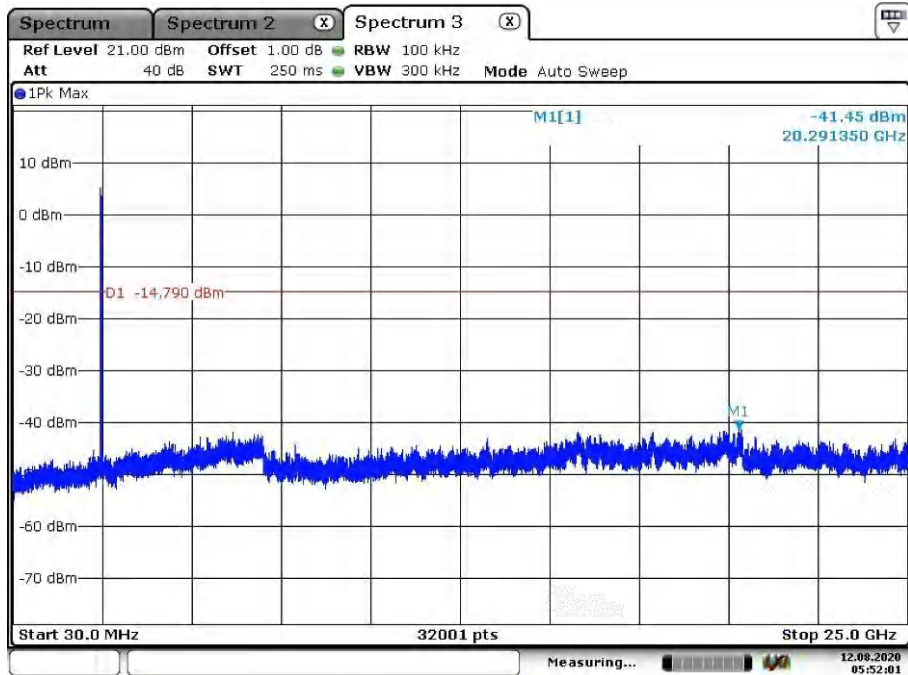


Date: 12.AUG.2020 05:49:41

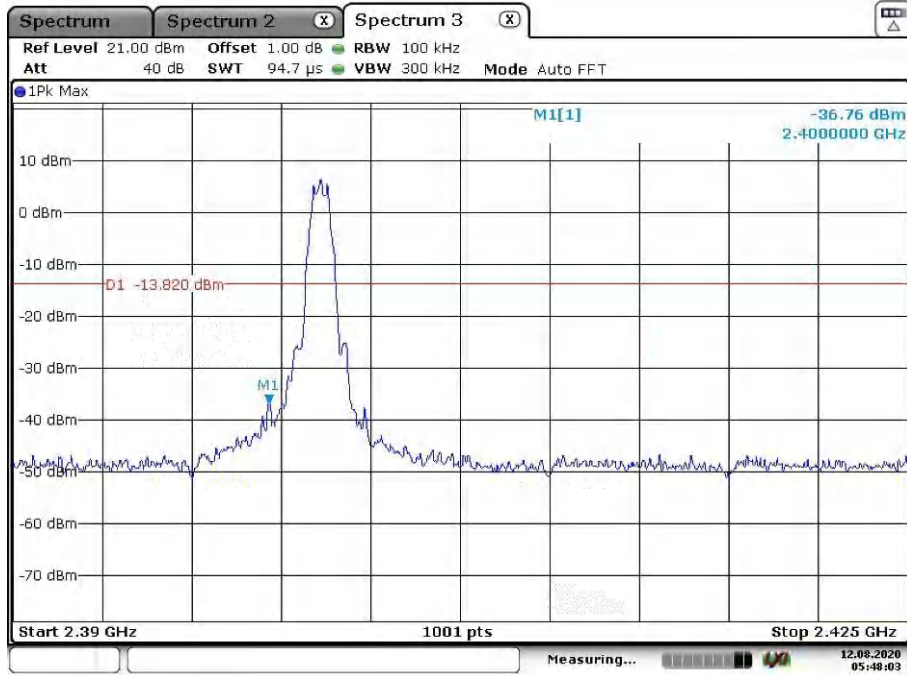


Date: 12.AUG.2020 05:50:09

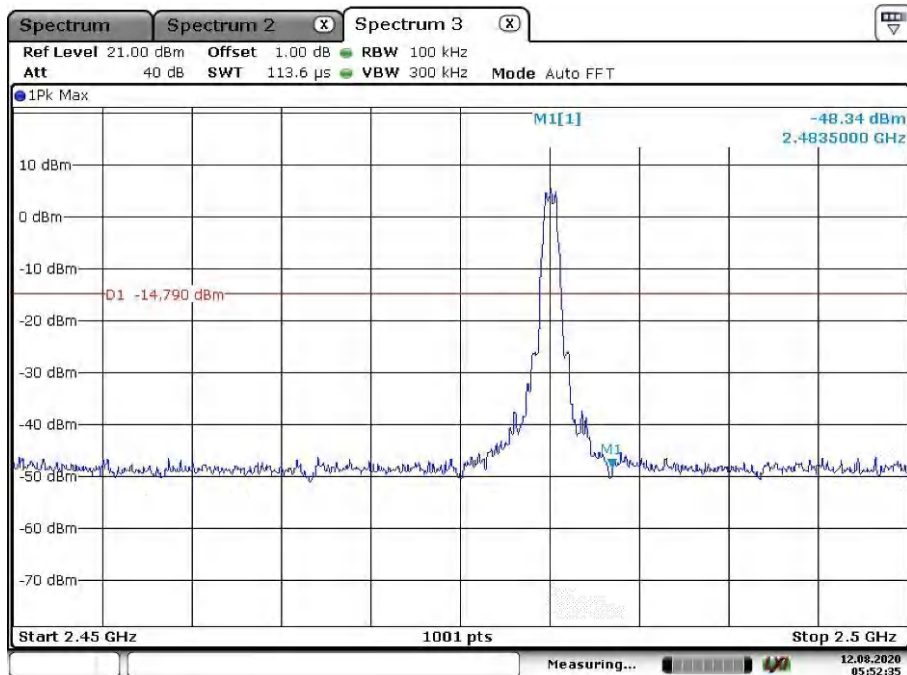
High Channel



Band Edge, Low Channel



Band Edge, High Channel



Appendix C.5: Test Results of Radiated Spurious Emissions

Note:

- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 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
 Left earphone

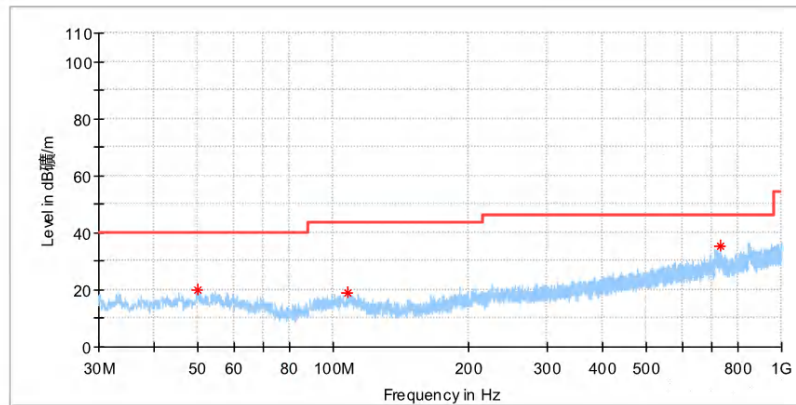
EMI Auto Test(1)

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Test Report

EUT Information

| | |
|----------------|------------------------------------|
| EUT Name: | Mi True Wireless Earphones 2 Basic |
| Model: | TWSEJ08WM |
| Test Mode: | TX_BLE_Low Channel |
| Test Voltage:: | Via USB port |
| Remark: | Temp 24 Humi:45% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 49.982000 | 20.04 | -- | 40.00 | 19.96 | 100.0 | H | 231.0 | -18.6 |
| 107.939500 | 19.18 | -- | 43.50 | 24.32 | 100.0 | H | 193.0 | -19.3 |
| 728.885000 | 35.15 | -- | 46.00 | 10.85 | 100.0 | H | 85.0 | -7.9 |

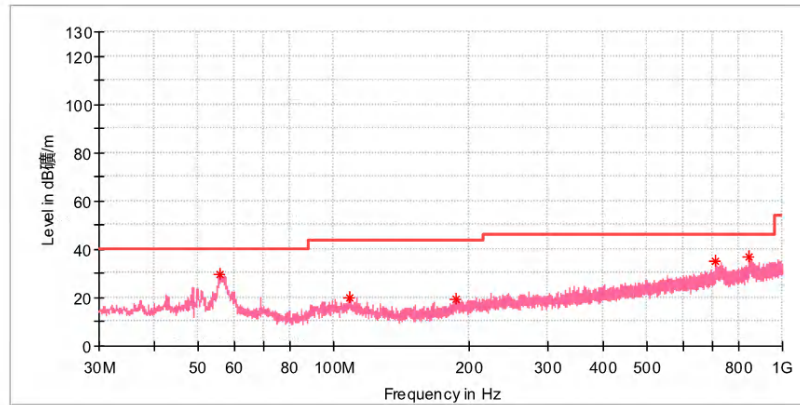
EMI Auto Test(1)

2 / 4

Test Report

EUT Information

| | |
|----------------|------------------------------------|
| EUT Name: | Mi True Wireless Earphones 2 Basic |
| Model: | TWSEJ08WM |
| Test Mode: | TX_BLE_Low Channel |
| Test Voltage: | Via USB port |
| Remark: | Temp 24 Humi:45% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 55.608000 | 29.82 | --- | 40.00 | 10.18 | 100.0 | V | 0.0 | -18.8 |
| 108.182000 | 20.10 | --- | 43.50 | 23.40 | 100.0 | V | 111.0 | -19.3 |
| 187.188500 | 19.59 | --- | 43.50 | 23.91 | 100.0 | V | 0.0 | -20.1 |
| 709.291000 | 34.93 | --- | 46.00 | 11.07 | 100.0 | V | 142.0 | -8.3 |
| 845.139500 | 36.70 | --- | 46.00 | 9.30 | 100.0 | V | 49.0 | -6.0 |

12/8/2020

4:54:43 PM

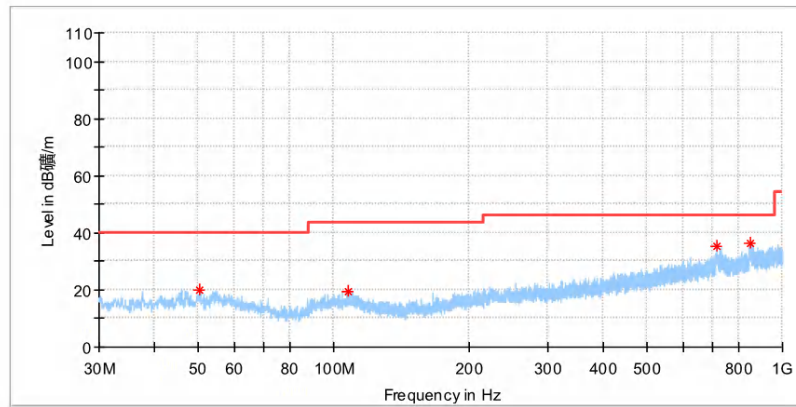
EMI Auto Test(1)

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Test Report

EUT Information

| | |
|----------------|------------------------------------|
| EUT Name: | Mi True Wireless Earphones 2 Basic |
| Model: | TWSEJ08WM |
| Test Mode: | TX_BLE_High Channel |
| Test Voltage: | Via USB port |
| Remark: | Temp 24 Humi:45% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | PoI | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 50.370000 | 20.06 | --- | 40.00 | 19.94 | 100.0 | H | 319.0 | -18.6 |
| 108.036500 | 19.33 | --- | 43.50 | 24.17 | 100.0 | H | 65.0 | -19.3 |
| 713.801500 | 35.19 | --- | 46.00 | 10.81 | 100.0 | H | 116.0 | -8.2 |
| 845.430500 | 36.13 | --- | 46.00 | 9.87 | 100.0 | H | 280.0 | -6.0 |

12/8/2020

4:54:43 PM

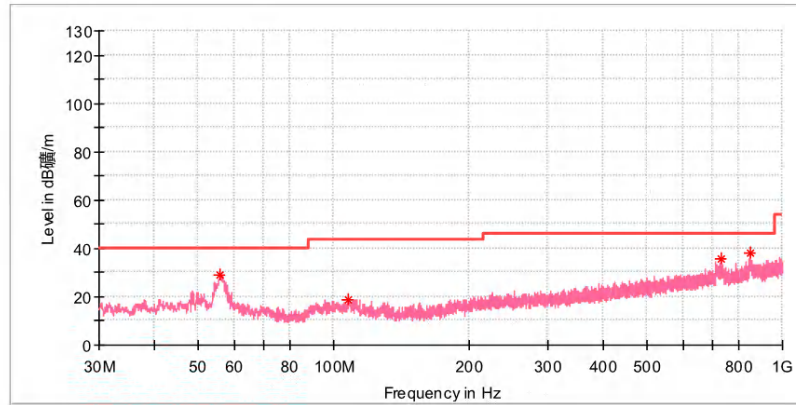
EMI Auto Test(1)

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Test Report

EUT Information

| | |
|----------------|------------------------------------|
| EUT Name: | Mi True Wireless Earphones 2 Basic |
| Model: | TWSEJ08WM |
| Test Mode: | TX_BLE_High Channel |
| Test Voltage:: | Via USB port |
| Remark: | Temp 24 Humi:45% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 55.753500 | 29.32 | --- | 40.00 | 10.68 | 100.0 | V | 120.0 | -18.8 |
| 107.988000 | 19.03 | --- | 43.50 | 24.47 | 100.0 | V | 176.0 | -19.3 |
| 729.176000 | 35.45 | --- | 46.00 | 10.55 | 100.0 | V | 165.0 | -7.9 |
| 845.382000 | 37.95 | --- | 46.00 | 8.05 | 100.0 | V | 112.0 | -6.0 |

12/8/2020

4:54:43 PM

Right earphone

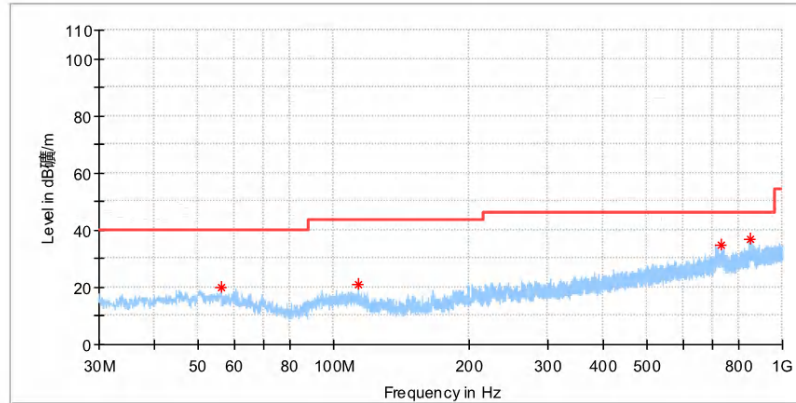
EMI Auto Test(1)

1 / 4

Test Report

EUT Information

| | |
|----------------|------------------------------------|
| EUT Name: | Mi True Wireless Earphones 2 Basic |
| Model: | TWSEJ08WM |
| Test Mode: | TX_BLE_Low Channel |
| Test Voltage:: | Via USB port |
| Remark: | Temp 24 Humi:45% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 56.190000 | 19.79 | --- | 40.00 | 20.22 | 100.0 | H | 324.0 | -18.9 |
| 113.614000 | 20.90 | --- | 43.50 | 22.60 | 100.0 | H | 39.0 | -19.9 |
| 729.564000 | 34.77 | --- | 46.00 | 11.23 | 100.0 | H | 189.0 | -7.9 |
| 845.867000 | 36.90 | --- | 46.00 | 9.10 | 100.0 | H | 0.0 | -6.0 |

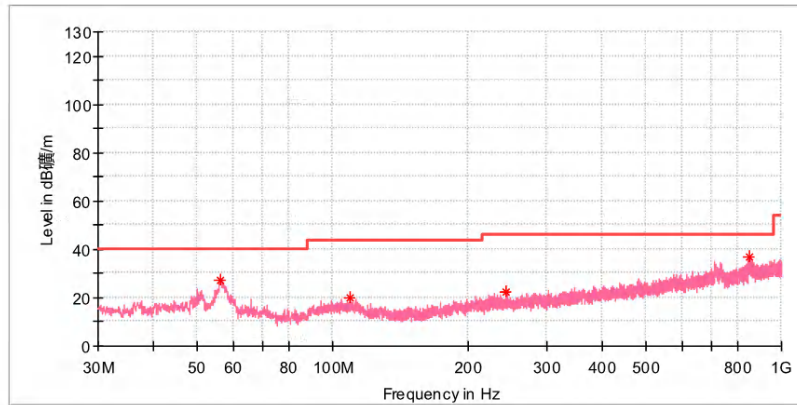
EMI Auto Test(1)

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Test Report

EUT Information

| | |
|----------------|------------------------------------|
| EUT Name: | Mi True Wireless Earphones 2 Basic |
| Model: | TWSEJ08WM |
| Test Mode: | TX_BLE_Low Channel |
| Test Voltage: | Via USB port |
| Remark: | Temp 24 Humi:45% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 56.238500 | 26.95 | --- | 40.00 | 13.05 | 100.0 | V | 278.0 | -18.9 |
| 109.540000 | 19.90 | --- | 43.50 | 23.60 | 100.0 | V | 110.0 | -19.4 |
| 243.885000 | 22.20 | --- | 46.00 | 23.80 | 100.0 | V | 56.0 | -17.9 |
| 845.479000 | 37.03 | --- | 46.00 | 8.97 | 100.0 | V | 77.0 | -6.0 |

12/8/2020

4:34:51 PM

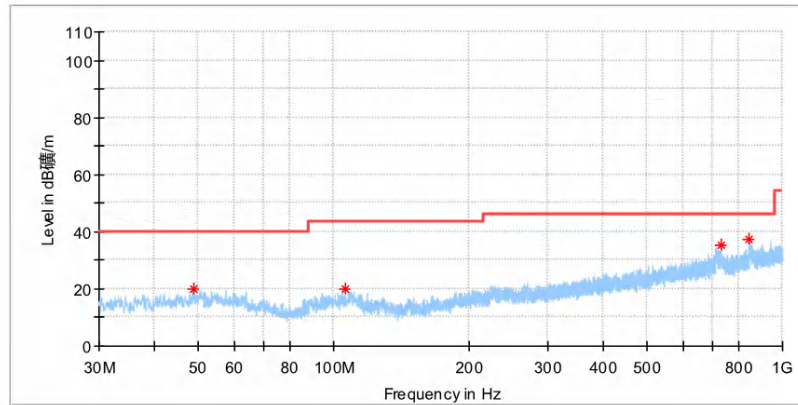
EMI Auto Test(1)

3 / 4

Test Report

EUT Information

| | |
|----------------|------------------------------------|
| EUT Name: | Mi True Wireless Earphones 2 Basic |
| Model: | TWSEJ08WM |
| TestMode: | TX_BLE_High Channel |
| Test Voltage:: | Via USB port |
| Remark: | Temp 24 Humi:45% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 48.624000 | 19.96 | --- | 40.00 | 20.04 | 100.0 | H | 191.0 | -18.7 |
| 106.290500 | 19.79 | --- | 43.50 | 23.71 | 100.0 | H | 66.0 | -19.2 |
| 729.418500 | 35.40 | --- | 46.00 | 10.60 | 100.0 | H | 249.0 | -7.9 |
| 845.091000 | 37.27 | --- | 46.00 | 8.73 | 100.0 | H | 0.0 | -6.0 |

12/8/2020

4:34:51 PM

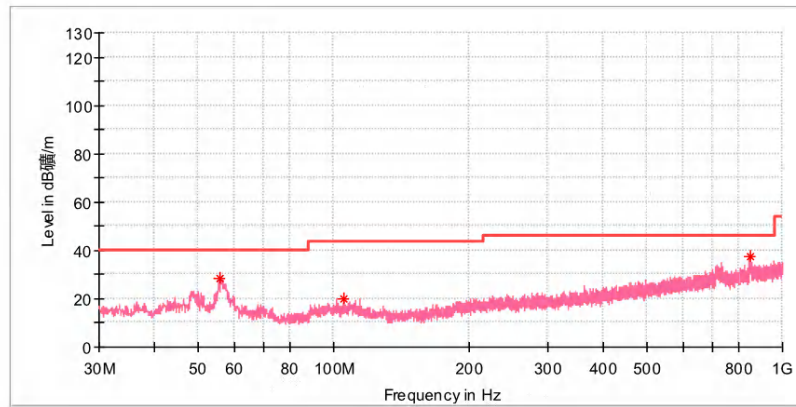
EMI Auto Test(1)

4 / 4

Test Report

EUT Information

| | |
|----------------|------------------------------------|
| EUT Name: | Mi True Wireless Earphones 2 Basic |
| Model: | TWSEJ08WM |
| Test Mode: | TX_BLE_High Channel |
| Test Voltage: | Via USB port |
| Remark: | Temp 24 Humi:45% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 55.899000 | 28.14 | --- | 40.00 | 11.86 | 100.0 | V | 256.0 | -18.8 |
| 105.029500 | 19.92 | --- | 43.50 | 23.58 | 100.0 | V | 304.0 | -19.1 |
| 846.303500 | 37.79 | --- | 46.00 | 8.21 | 100.0 | V | 90.0 | -6.0 |

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1GHz-18GHz
 Note: The highest waveform in the figure is Bluetooth Fundamental.

Left earphone

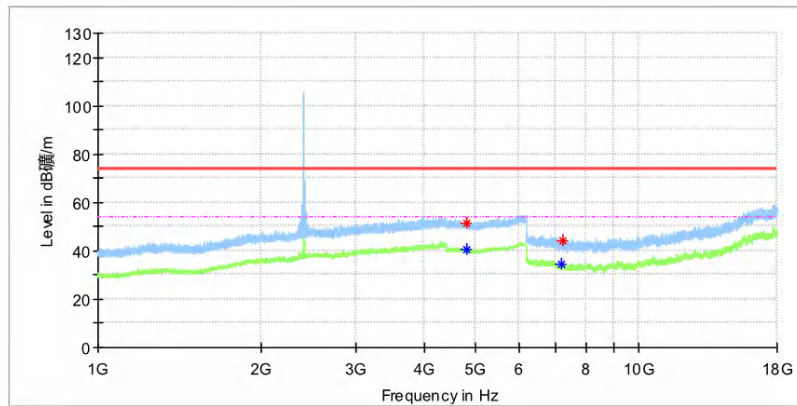
EMI Auto Test(1)

1 / 6

Test Report

EUT Information

| | |
|----------------|------------------------------------|
| EUT Name: | Mi True Wireless Earphones 2 Basic |
| Model: | TWSEJ08WM |
| Test Mode: | BLE_Low |
| Test Voltage: | Via USB port |
| Remark: | Temp 22 Humi:50% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4804.000000 | 51.28 | --- | 74.00 | 22.72 | 100.0 | H | 207.0 | 13.6 |
| 4804.000000 | --- | 40.52 | 54.00 | 13.48 | 100.0 | H | 207.0 | 13.6 |
| 7203.983333 | --- | 34.40 | 54.00 | 19.60 | 100.0 | H | 4.0 | 8.8 |
| 7211.850000 | 44.11 | --- | 74.00 | 29.89 | 100.0 | H | 202.0 | 8.7 |

Final Result

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

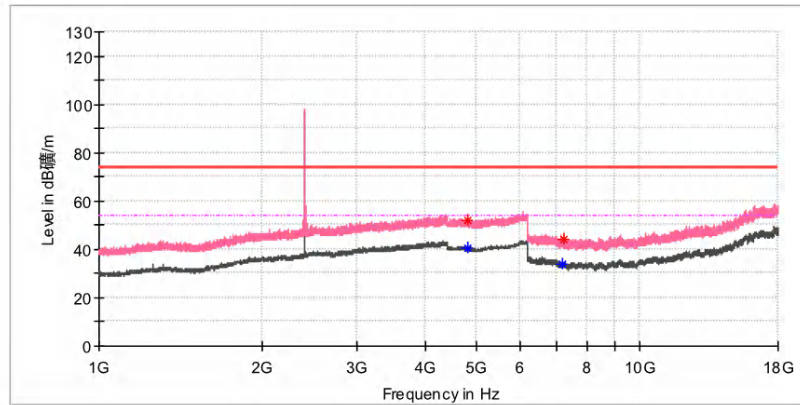
EMI Auto Test(1)

2 / 6

Test Report

EUT Information

| | |
|----------------|------------------------------------|
| EUT Name: | Mi True Wireless Earphones 2 Basic |
| Model: | TWSEJ08WM |
| Test Mode: | BLE_Low |
| Test Voltage: | Via USB port |
| Remark: | Temp 22 Humi:50% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4803.500000 | -- | 40.46 | 54.00 | 13.54 | 100.0 | V | 171.0 | 13.6 |
| 4806.500000 | 52.29 | -- | 74.00 | 21.71 | 100.0 | V | 49.0 | 13.6 |
| 7205.950000 | -- | 33.85 | 54.00 | 20.15 | 100.0 | V | 359.0 | 8.8 |
| 7211.358333 | 44.21 | -- | 74.00 | 29.79 | 100.0 | V | 322.0 | 8.7 |

Final Result

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

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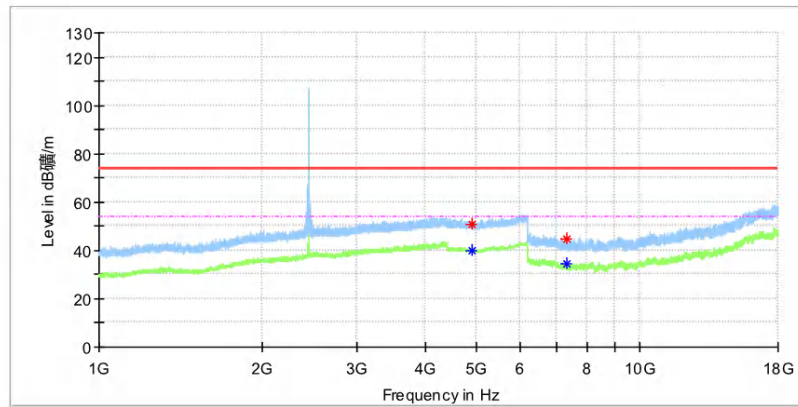
EMI Auto Test(1)

3 / 6

Test Report

EUT Information

| | |
|----------------|------------------------------------|
| EUT Name: | Mi True Wireless Earphones 2 Basic |
| Model: | TWSEJ08WM |
| Test Mode: | BLE_Mid |
| Test Voltage: | Via USB port |
| Remark: | Temp 22 Humi:50% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4879.000000 | 50.92 | --- | 74.00 | 23.08 | 100.0 | H | 149.0 | 13.4 |
| 4880.000000 | --- | 39.95 | 54.00 | 14.05 | 100.0 | H | 251.0 | 13.4 |
| 7324.441667 | 44.91 | --- | 74.00 | 29.09 | 100.0 | H | 31.0 | 8.2 |
| 7326.900000 | --- | 34.51 | 54.00 | 19.49 | 100.0 | H | 232.0 | 8.1 |

Final Result

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

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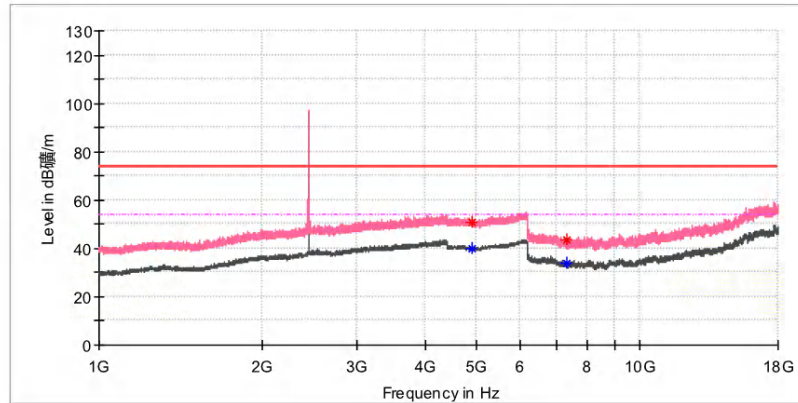
EMI Auto Test(1)

4 / 6

Test Report

EUT Information

| | |
|----------------|------------------------------------|
| EUT Name: | Mi True Wireless Earphones 2 Basic |
| Model: | TWSEJ08WM |
| Test Mode: | BLE_Mid |
| Test Voltage: | Via USB port |
| Remark: | Temp 22 Humi:50% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4880.000000 | --- | 39.99 | 54.00 | 14.01 | 100.0 | V | 4.0 | 13.4 |
| 4883.500000 | 50.50 | --- | 74.00 | 23.50 | 100.0 | V | 59.0 | 13.4 |
| 7317.066667 | 43.59 | --- | 74.00 | 30.41 | 100.0 | V | 320.0 | 8.2 |
| 7324.441667 | --- | 33.99 | 54.00 | 20.01 | 100.0 | V | 139.0 | 8.2 |

Final Result

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

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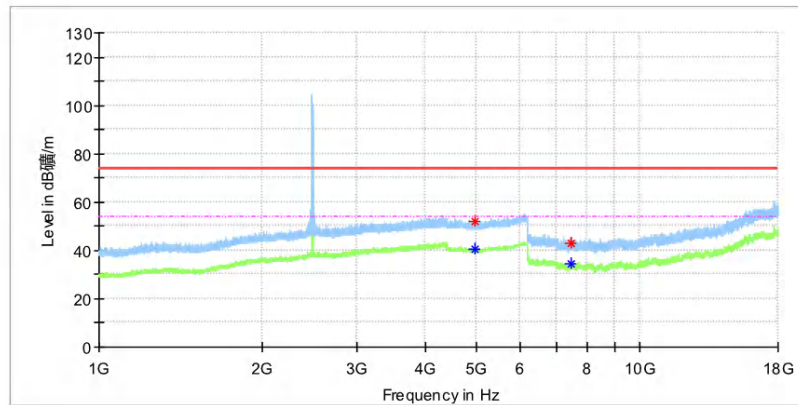
EMI Auto Test(1)

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Test Report

EUT Information

| | |
|----------------|------------------------------------|
| EUT Name: | Mi True Wireless Earphones 2 Basic |
| Model: | TWSEJ08WM |
| Test Mode: | BLE_Mid |
| Test Voltage: | Via USB port |
| Remark: | Temp 22 Humi:50% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4959.500000 | --- | 40.55 | 54.00 | 13.45 | 100.0 | H | 0.0 | 13.2 |
| 4965.000000 | 52.00 | --- | 74.00 | 22.00 | 100.0 | H | 25.0 | 13.2 |
| 7440.966667 | 43.13 | --- | 74.00 | 30.87 | 100.0 | H | 198.0 | 8.4 |
| 7444.408333 | --- | 34.27 | 54.00 | 19.73 | 100.0 | H | 198.0 | 8.5 |

Final Result

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

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8:20:55 AM

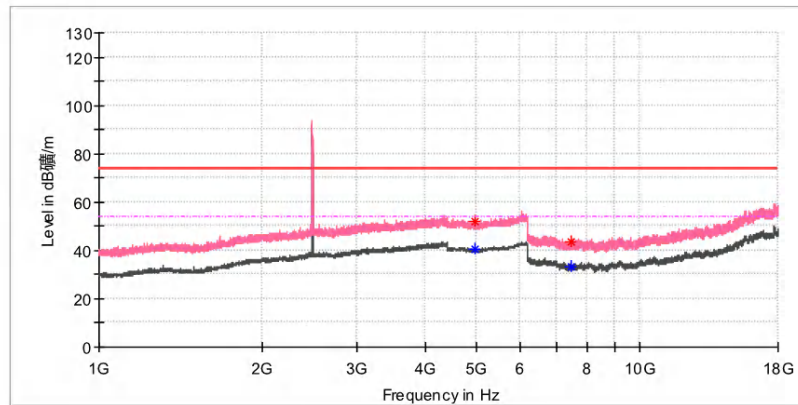
EMI Auto Test(1)

6 / 6

Test Report

EUT Information

| | |
|----------------|------------------------------------|
| EUT Name: | Mi True Wireless Earphones 2 Basic |
| Model: | TWSEJ08WM |
| Test Mode: | BLE_Mid |
| Test Voltage: | Via USB port |
| Remark: | Temp 22 Humi:50% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4960.500000 | 51.72 | --- | 74.00 | 22.28 | 100.0 | V | 356.0 | 13.2 |
| 4962.500000 | --- | 40.51 | 54.00 | 13.49 | 100.0 | V | 356.0 | 13.2 |
| 7439.000000 | 43.43 | --- | 74.00 | 30.57 | 100.0 | V | 80.0 | 8.4 |
| 7440.966667 | --- | 33.34 | 54.00 | 20.66 | 100.0 | V | 109.0 | 8.4 |

Final Result

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

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Right earphone

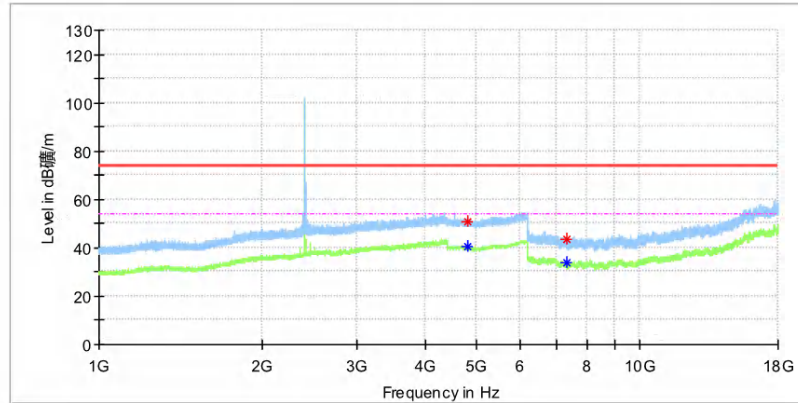
EMI Auto Test(1)

1 / 6

Test Report

EUT Information

| | |
|----------------|------------------------------------|
| EUT Name: | Mi True Wireless Earphones 2 Basic |
| Model: | TWSEJ08WM |
| Test Mode: | BLE_Low |
| Test Voltage:: | Via USB port |
| Remark: | Temp 22 Humi:50% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4803.500000 | 51.00 | --- | 74.00 | 23.00 | 100.0 | H | 211.0 | 13.6 |
| 4804.000000 | --- | 40.48 | 54.00 | 13.52 | 100.0 | H | 175.0 | 13.6 |
| 7204.775000 | --- | 33.74 | 54.00 | 20.26 | 100.0 | H | 104.0 | 8.3 |
| 7211.658333 | 43.26 | --- | 74.00 | 30.74 | 100.0 | H | 3.0 | 8.2 |

Final Result

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

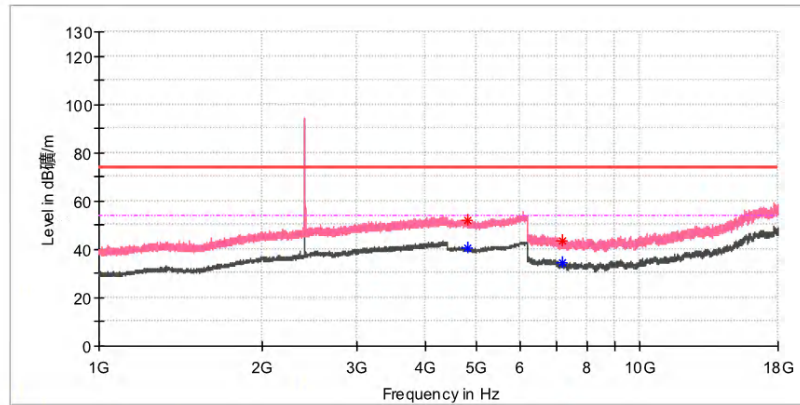
EMI Auto Test(1)

2 / 6

Test Report

EUT Information

| | |
|----------------|------------------------------------|
| EUT Name: | Mi True Wireless Earphones 2 Basic |
| Model: | TWSEJ08WM |
| Test Mode: | BLE_Low |
| Test Voltage: | Via USB port |
| Remark: | Temp 22 Humi:50% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4803.500000 | 51.75 | --- | 74.00 | 22.25 | 100.0 | V | 23.0 | 13.6 |
| 4804.000000 | --- | 40.50 | 54.00 | 13.50 | 100.0 | V | 8.0 | 13.6 |
| 7205.458333 | 43.44 | --- | 74.00 | 30.56 | 100.0 | V | 158.0 | 8.8 |
| 7207.425000 | --- | 34.58 | 54.00 | 19.42 | 100.0 | V | 22.0 | 8.8 |

Final Result

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

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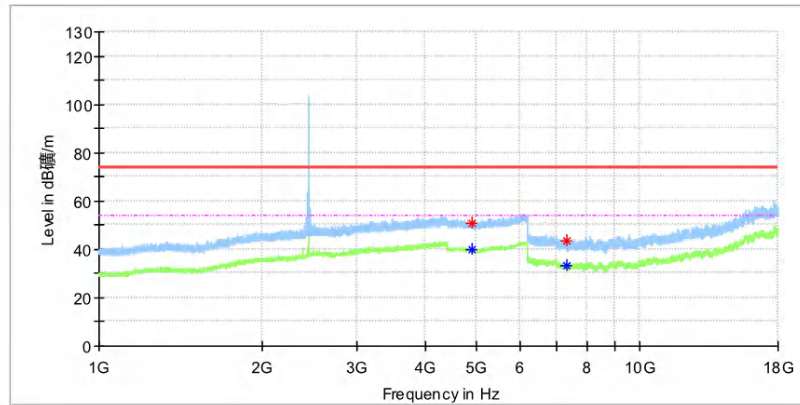
EMI Auto Test(1)

3 / 6

Test Report

EUT Information

| | |
|----------------|------------------------------------|
| EUT Name: | Mi True Wireless Earphones 2 Basic |
| Model: | TWSEJ08WM |
| Test Mode: | BLE_Mid |
| Test Voltage: | Via USB port |
| Remark: | Temp 22 Humi:50% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4879.000000 | -- | 39.86 | 54.00 | 14.14 | 100.0 | H | 170.0 | 13.4 |
| 4883.500000 | 50.87 | -- | 74.00 | 23.13 | 100.0 | H | 170.0 | 13.4 |
| 7320.508333 | -- | 33.37 | 54.00 | 20.63 | 100.0 | H | 102.0 | 8.2 |
| 7327.391667 | 43.52 | -- | 74.00 | 30.48 | 100.0 | H | 84.0 | 8.1 |

Final Result

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

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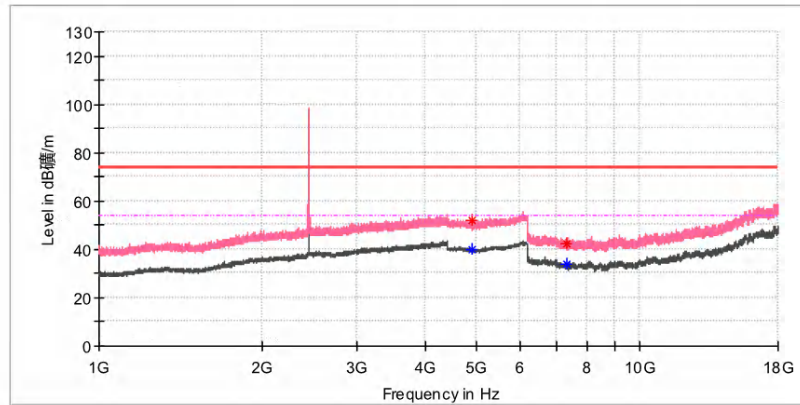
EMI Auto Test(1)

4 / 6

Test Report

EUT Information

| | |
|----------------|------------------------------------|
| EUT Name: | Mi True Wireless Earphones 2 Basic |
| Model: | TWSEJ08VWM |
| Test Mode: | BLE_Mid |
| Test Voltage: | Via USB port |
| Remark: | Temp 22 Humi:50% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4879.500000 | -- | 39.64 | 54.00 | 14.36 | 100.0 | V | 52.0 | 13.4 |
| 4887.500000 | 51.77 | -- | 74.00 | 22.23 | 100.0 | V | 292.0 | 13.3 |
| 7319.525000 | -- | 33.67 | 54.00 | 20.33 | 100.0 | V | 227.0 | 8.2 |
| 7321.983333 | 42.42 | -- | 74.00 | 31.59 | 100.0 | V | 161.0 | 8.2 |

Final Result

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

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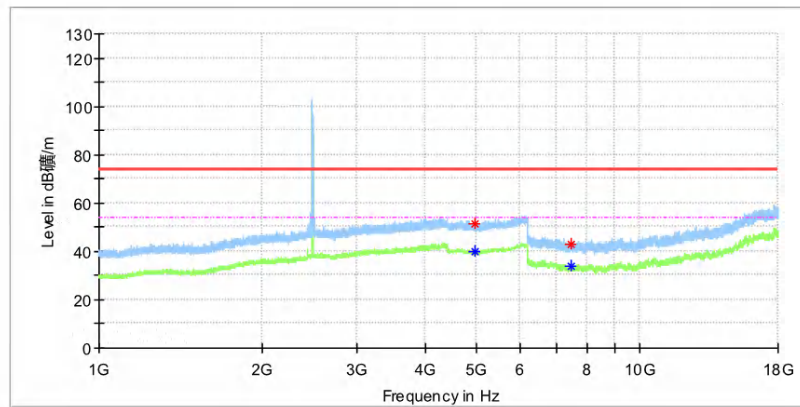
EMI Auto Test(1)

5 / 6

Test Report

EUT Information

| | |
|----------------|------------------------------------|
| EUT Name: | Mi True Wireless Earphones 2 Basic |
| Model: | TWSEJ08WM |
| TestMode: | BLE_High |
| Test Voltage:: | Via USB port |
| Remark: | Temp 22 Humi:50% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4960.000000 | -- | 40.21 | 54.00 | 13.79 | 100.0 | H | 248.0 | 13.2 |
| 4960.500000 | 51.39 | -- | 74.00 | 22.61 | 100.0 | H | 309.0 | 13.2 |
| 7439.491667 | -- | 33.63 | 54.00 | 20.37 | 100.0 | H | 237.0 | 8.4 |
| 7440.966667 | 43.00 | -- | 74.00 | 31.00 | 100.0 | H | 5.0 | 8.4 |

Final Result

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

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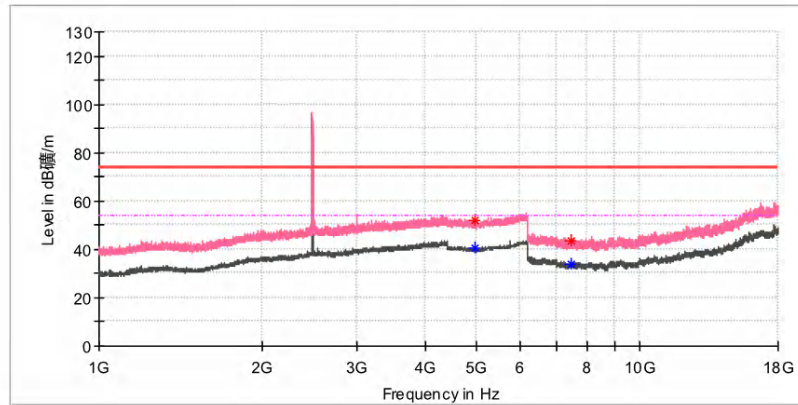
EMI Auto Test(1)

6 / 6

Test Report

EUT Information

| | |
|----------------|------------------------------------|
| EUT Name: | Mi True Wireless Earphones 2 Basic |
| Model: | TWSEJ08VM |
| TestMode: | BLE_High |
| Test Voltage:: | Via USB port |
| Remark: | Temp 22 Humi:50% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4960.000000 | -- | 40.29 | 54.00 | 13.71 | 100.0 | V | 104.0 | 13.2 |
| 4962.500000 | 51.96 | -- | 74.00 | 22.04 | 100.0 | V | 335.0 | 13.2 |
| 7442.441667 | -- | 33.57 | 54.00 | 20.43 | 100.0 | V | 0.0 | 8.4 |
| 7447.358333 | 43.50 | -- | 74.00 | 30.50 | 100.0 | V | 353.0 | 8.5 |

Final Result

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

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

Left earphone

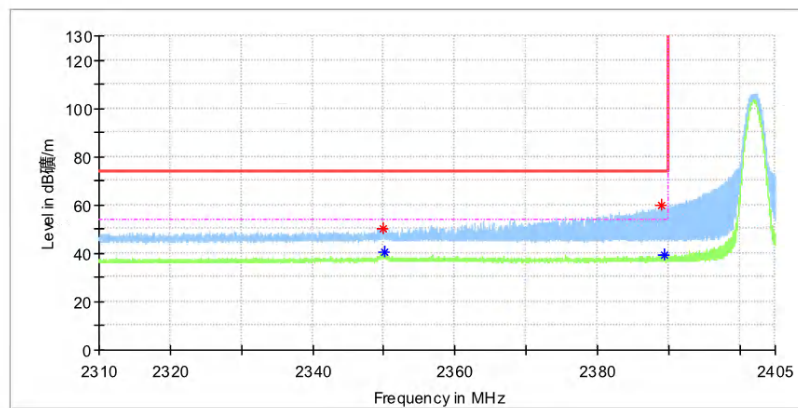
EMI Auto Test(1)

1 / 4

Test Report

EUT Information

| | |
|----------------|------------------------------------|
| EUT Name: | Mi True Wireless Earphones 2 Basic |
| Model: | TWSEJ08WM |
| Test Mode: | BLE_Low |
| Test Voltage:: | Via USB port |
| Remark: | Temp 22 Humi:50% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2349.828750 | 50.17 | --- | 74.00 | 23.83 | 100.0 | H | 228.0 | 6.9 |
| 2350.054375 | --- | 40.54 | 54.00 | 13.46 | 100.0 | H | 228.0 | 6.9 |
| 2389.051875 | 59.87 | --- | 74.00 | 14.13 | 100.0 | H | 228.0 | 7.0 |
| 2389.360625 | --- | 39.13 | 54.00 | 14.87 | 100.0 | H | 214.0 | 7.0 |

Final Result

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

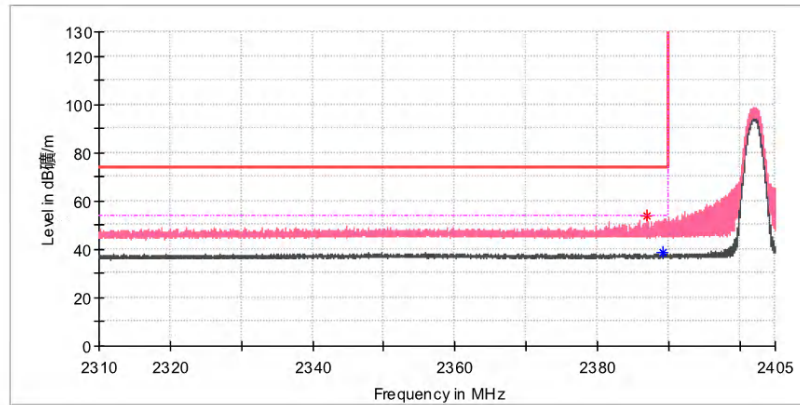
EMI Auto Test(1)

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Test Report

EUT Information

| | |
|----------------|------------------------------------|
| EUT Name: | Mi True Wireless Earphones 2 Basic |
| Model: | TWSEJ08WM |
| Test Mode: | BLE_Low |
| Test Voltage: | Via USB port |
| Remark: | Temp 22 Humi:50% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2386.932188 | 53.90 | --- | 74.00 | 20.10 | 100.0 | V | 304.0 | 7.0 |
| 2389.170625 | --- | 38.66 | 54.00 | 15.34 | 100.0 | V | 160.0 | 7.0 |

Final Result

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

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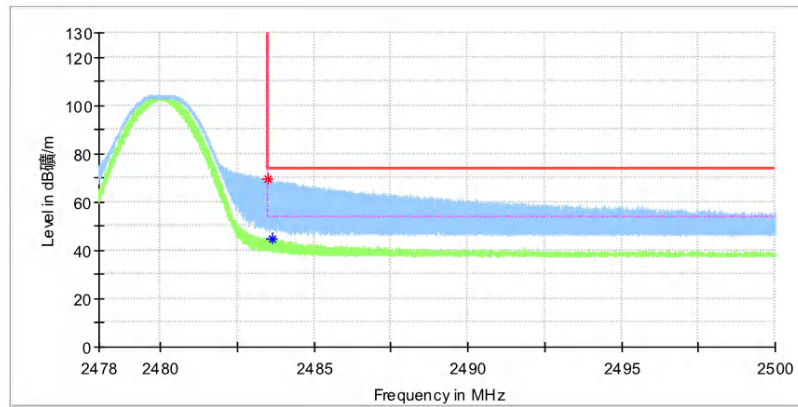
EMI Auto Test(1)

3 / 4

Test Report

EUT Information

| | |
|----------------|------------------------------------|
| EUT Name: | Mi True Wireless Earphones 2 Basic |
| Model: | TWSEJ08WM |
| Test Mode: | BLE_High |
| Test Voltage: | Via USB port |
| Remark: | Temp 22 Humi:50% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.523375 | 69.45 | --- | 74.00 | 4.55 | 100.0 | H | 246.0 | 7.4 |
| 2483.656750 | --- | 45.03 | 54.00 | 8.97 | 100.0 | H | 246.0 | 7.4 |

Final Result

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

12/8/2020

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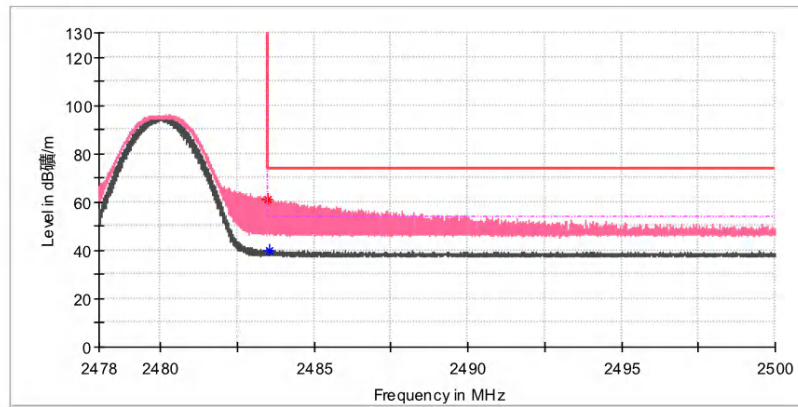
EMI Auto Test(1)

4 / 4

Test Report

EUT Information

| | |
|----------------|------------------------------------|
| EUT Name: | Mi True Wireless Earphones 2 Basic |
| Model: | TWSEJ08WM |
| Test Mode: | BLE_High |
| Test Voltage: | Via USB port |
| Remark: | Temp 22 Humi:50% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.522000 | 61.22 | --- | 74.00 | 12.78 | 100.0 | V | 341.0 | 7.4 |
| 2483.548125 | --- | 40.14 | 54.00 | 13.86 | 100.0 | V | 341.0 | 7.4 |

Final Result

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

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Right earphone

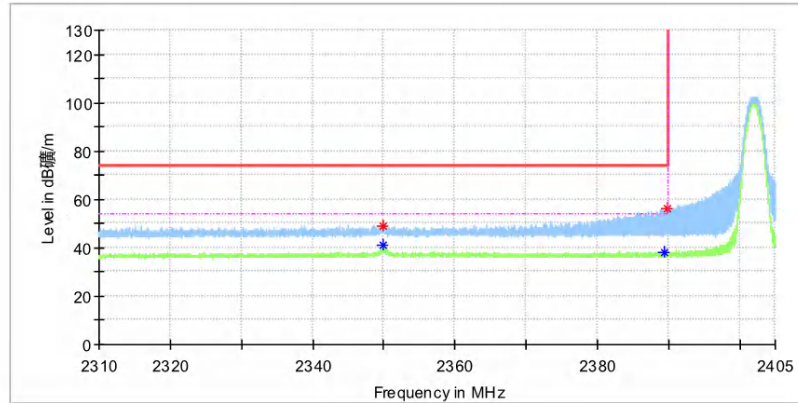
EMI Auto Test(1)

1 / 4

Test Report

EUT Information

| | |
|----------------|------------------------------------|
| EUT Name: | Mi True Wireless Earphones 2 Basic |
| Model: | TWSEJ08WM |
| Test Mode: | BLE_Low |
| Test Voltage:: | Via USB port |
| Remark: | Temp 22 Humi:50% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2349.852500 | --- | 40.84 | 54.00 | 13.16 | 100.0 | H | 105.0 | 6.9 |
| 2349.923750 | 49.00 | --- | 74.00 | 25.00 | 100.0 | H | 320.0 | 6.9 |
| 2389.443750 | --- | 38.05 | 54.00 | 15.95 | 100.0 | H | 143.0 | 7.0 |
| 2389.841563 | 56.14 | --- | 74.00 | 17.86 | 100.0 | H | 118.0 | 7.0 |

Final Result

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

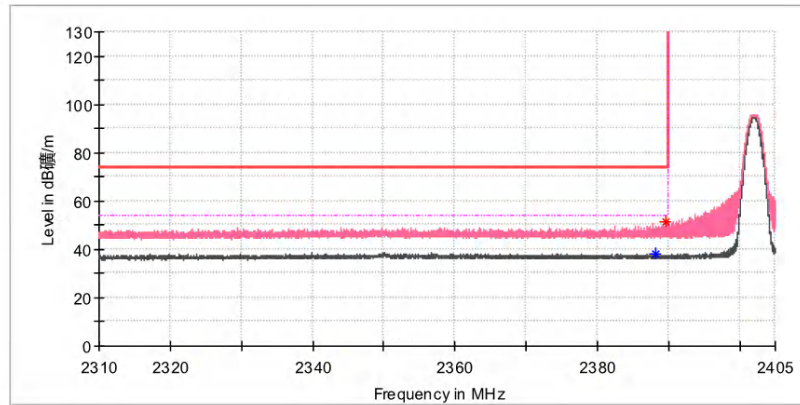
EMI Auto Test(1)

2 / 4

Test Report

EUT Information

| | |
|----------------|------------------------------------|
| EUT Name: | Mi True Wireless Earphones 2 Basic |
| Model: | TWSEJ08WM |
| Test Mode: | BLE_Low |
| Test Voltage: | Via USB port |
| Remark: | Temp 22 Humi:50% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2388.297813 | -- | 37.82 | 54.00 | 16.18 | 100.0 | V | 183.0 | 7.0 |
| 2389.740625 | 51.35 | -- | 74.00 | 22.65 | 100.0 | V | 249.0 | 7.0 |

Final Result

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

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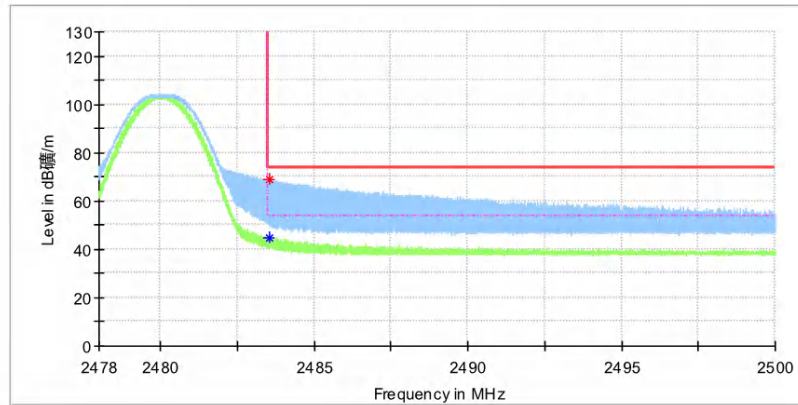
EMI Auto Test(1)

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Test Report

EUT Information

| | |
|----------------|------------------------------------|
| EUT Name: | Mi True Wireless Earphones 2 Basic |
| Model: | TWSEJ08WM |
| Test Mode: | BLE_High |
| Test Voltage:: | Via USB port |
| Remark: | Temp 22 Humi:50% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.545375 | -- | 44.66 | 54.00 | 9.34 | 100.0 | H | 90.0 | 7.4 |
| 2483.545375 | 68.87 | -- | 74.00 | 5.13 | 100.0 | H | 90.0 | 7.4 |

Final Result

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

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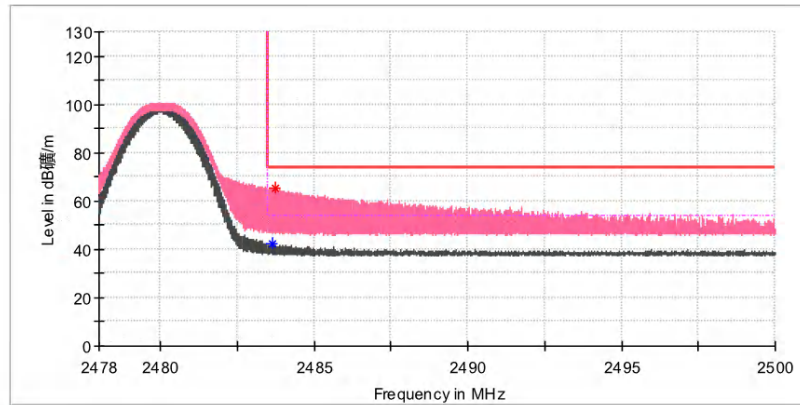
EMI Auto Test(1)

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Test Report

EUT Information

| | |
|----------------|------------------------------------|
| EUT Name: | Mi True Wireless Earphones 2 Basic |
| Model: | TWSEJ08WM |
| Test Mode: | BLE_High |
| Test Voltage: | Via USB port |
| Remark: | Temp 22 Humi:50% |
| Test Standard: | FCC 15.247 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 2483.648500 | -- | 42.31 | 54.00 | 11.69 | 100.0 | V | 172.0 | 7.4 |
| 2483.728250 | 65.14 | -- | 74.00 | 8.86 | 100.0 | V | 172.0 | 7.4 |

Final Result

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

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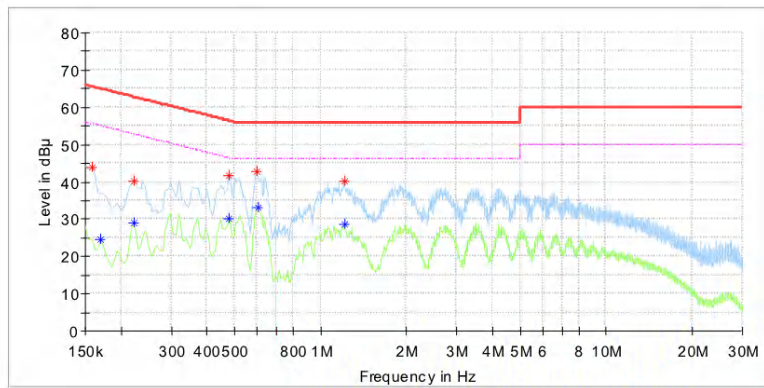
Appendix C.7: Test Results of Conducted Emission on AC Mains
 BT connecting mode

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EMC32 Report

EUT Information

| | |
|---------------|-------------------------------|
| EUT Name: | Mi True Wireless Earphones |
| Model: | TWSEJ08WM |
| Order No.: | 168275244 30 |
| Test Mode: | Charging + BT connecting mode |
| Test Voltage: | Via charger box |
| Test By: | OUYANG |
| Review By: | Gary Chen |
| Remark: | SR2 |



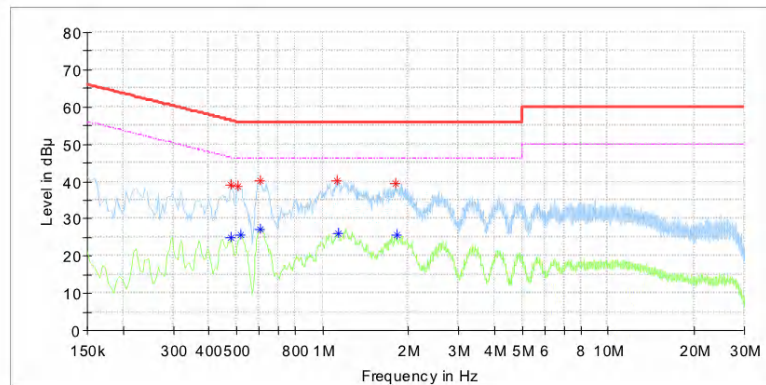
Critical Freqs

| Frequency (MHz) | MaxPeak (dB μ V) | Average (dB μ V) | Limit (dB μ V) | Margin (dB) | Line | Corr. (dB) |
|-----------------|----------------------|----------------------|--------------------|-------------|------|------------|
| 0.158000 | 43.73 | --- | 65.57 | 21.83 | L1 | 9.7 |
| 0.170000 | --- | 24.73 | 54.96 | 30.23 | L1 | 9.7 |
| 0.222000 | 40.03 | --- | 62.74 | 22.72 | L1 | 9.7 |
| 0.222000 | --- | 29.01 | 52.74 | 23.74 | L1 | 9.7 |
| 0.478000 | --- | 30.16 | 46.37 | 16.21 | L1 | 9.7 |
| 0.478000 | 41.83 | --- | 56.37 | 14.54 | L1 | 9.7 |
| 0.596000 | 42.85 | --- | 56.00 | 13.15 | L1 | 9.8 |
| 0.604000 | --- | 33.11 | 46.00 | 12.89 | L1 | 9.8 |
| 1.212000 | --- | 28.50 | 46.00 | 17.50 | L1 | 9.8 |
| 1.212000 | 40.06 | --- | 56.00 | 15.94 | L1 | 9.8 |

EMC32 Report

EUT Information

| | |
|---------------|-------------------------------|
| EUT Name: | Mi True Wireless Earphones |
| Model: | TWSEJ08WM |
| Order No.: | 168275244 30 |
| Test Mode: | Charging + BT connecting mode |
| Test Voltage: | Via charger box |
| Test By: | OUYANG |
| Review By: | Gary Chen |
| Remark: | SR2 |



Critical Freqs

| Frequency (MHz) | MaxPeak (dBµV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Line | Corr. (dB) |
|-----------------|----------------|----------------|--------------|-------------|------|------------|
| 0.478000 | --- | 24.77 | 46.37 | 21.60 | N | 9.6 |
| 0.478000 | 39.02 | --- | 56.37 | 17.35 | N | 9.6 |
| 0.504000 | 38.86 | --- | 56.00 | 17.14 | N | 9.6 |
| 0.516000 | --- | 25.74 | 46.00 | 20.26 | N | 9.6 |
| 0.604000 | 40.36 | --- | 56.00 | 15.64 | N | 9.6 |
| 0.604000 | --- | 27.18 | 46.00 | 18.82 | N | 9.6 |
| 1.128000 | 40.35 | --- | 56.00 | 15.65 | N | 9.6 |
| 1.140000 | --- | 25.99 | 46.00 | 20.01 | N | 9.6 |
| 1.792000 | 39.51 | --- | 56.00 | 16.49 | N | 9.6 |
| 1.824000 | --- | 25.84 | 46.00 | 20.16 | N | 9.6 |