

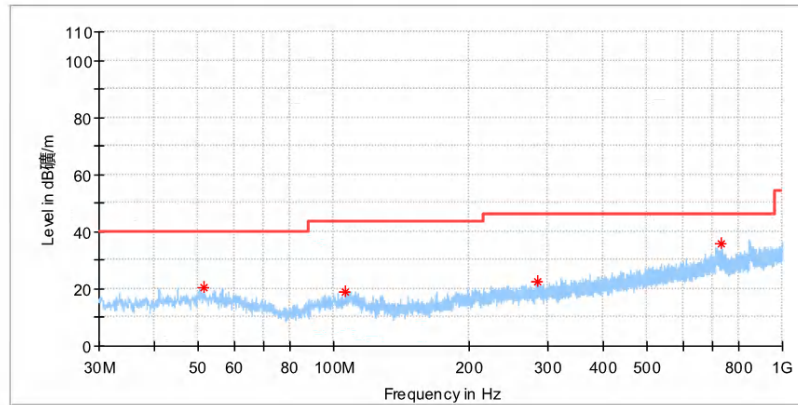
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
TestMode:	TX_BT_DH5_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)
51.485500	20.34	---	40.00	19.66	100.0	H	355.0	-18.6
106.193500	18.77	---	43.50	24.73	100.0	H	0.0	-19.2
283.994500	22.47	---	46.00	23.53	100.0	H	0.0	-17.0
728.448500	36.04	---	46.00	9.96	100.0	H	204.0	-7.9

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4:21:07 PM

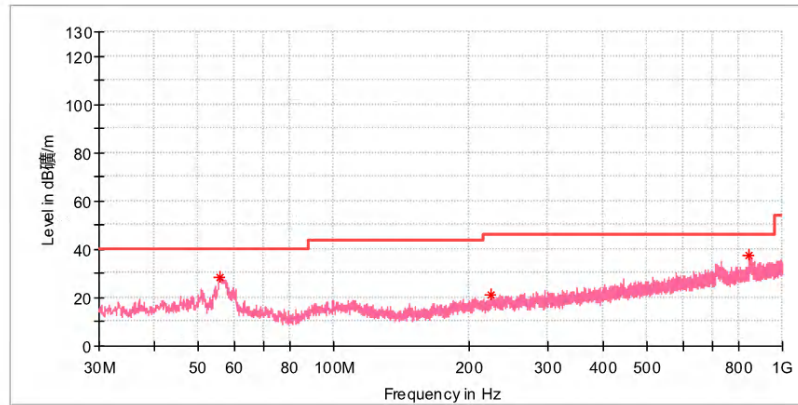
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_DH5_High Channel
Test Voltage::	Via USB port
Remark:	Temp 24 Humi:45%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
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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	28.13	---	40.00	11.87	100.0	V	195.0	-18.8
224.582000	21.13	---	46.00	24.87	100.0	V	56.0	-18.7
844.945500	37.40	---	46.00	8.60	100.0	V	36.0	-6.0

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1GHz - 18GHz

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

Left earphone

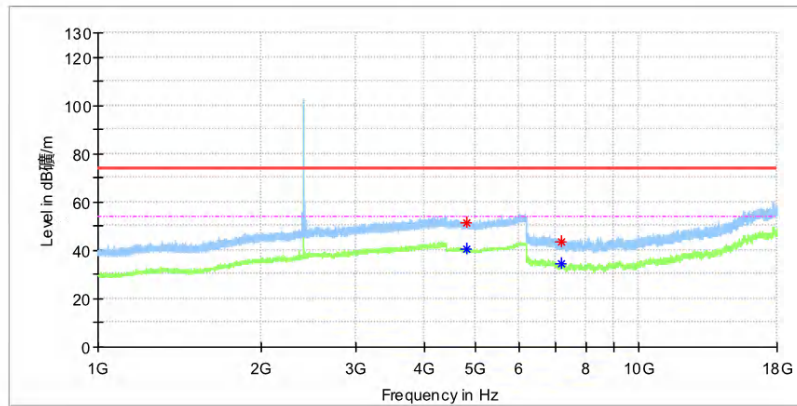
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_DH5_Low Channel
Test Voltage::	Via USB port
Remark:	Temp 22 Humi:50%
Test Standard:	FCC 15.247
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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	---	40.55	54.00	13.45	100.0	H	113.0	13.6
4806.500000	51.57	---	74.00	22.43	100.0	H	350.0	13.6
7204.475000	43.38	---	74.00	30.62	100.0	H	128.0	8.8
7206.441667	---	34.17	54.00	19.83	100.0	H	21.0	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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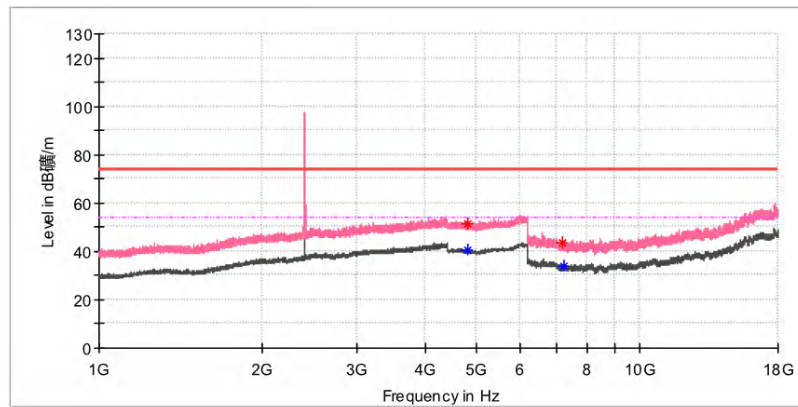
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_DH5_Low Channel
Test Voltage:	Via USB port
Remark:	Temp 22 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
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Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4806.000000	--	40.37	54.00	13.63	100.0	V	169.0	13.6
4807.000000	51.13	--	74.00	22.87	100.0	V	232.0	13.6
7205.950000	43.57	--	74.00	30.43	100.0	V	5.0	8.8
7210.866667	--	33.99	54.00	20.01	100.0	V	171.0	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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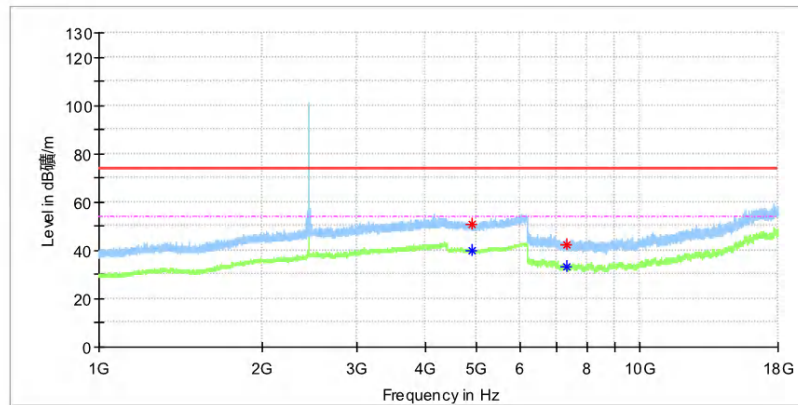
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_DH5_Mid Channel
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	---	39.69	54.00	14.31	100.0	H	268.0	13.4
4879.500000	50.54	---	74.00	23.46	100.0	H	31.0	13.4
7321.491667	42.54	---	74.00	31.46	100.0	H	0.0	8.2
7322.966667	---	33.21	54.00	20.79	100.0	H	84.0	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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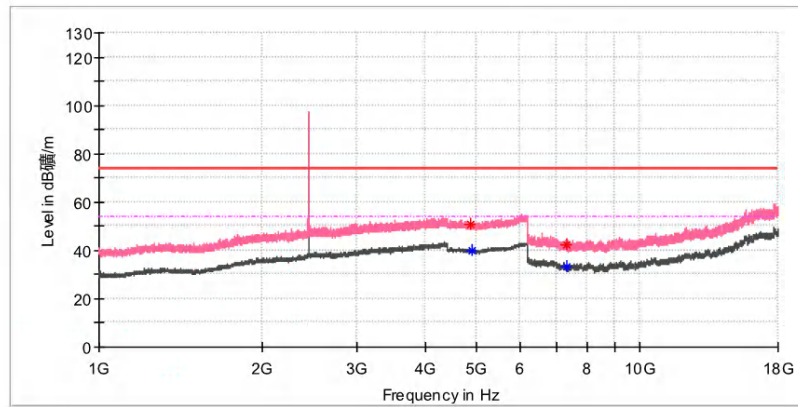
EMI Auto Test(1)

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Test Report

EUT Information

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Model:	TWSEJ08WM
Test Mode:	TX_BT_DH5_Mid Channel
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)
4877.500000	50.80	---	74.00	23.20	100.0	V	200.0	13.4
4881.000000	---	39.74	54.00	14.26	100.0	V	73.0	13.4
7320.016667	42.09	---	74.00	31.91	100.0	V	271.0	8.2
7320.016667	---	33.30	54.00	20.70	100.0	V	271.0	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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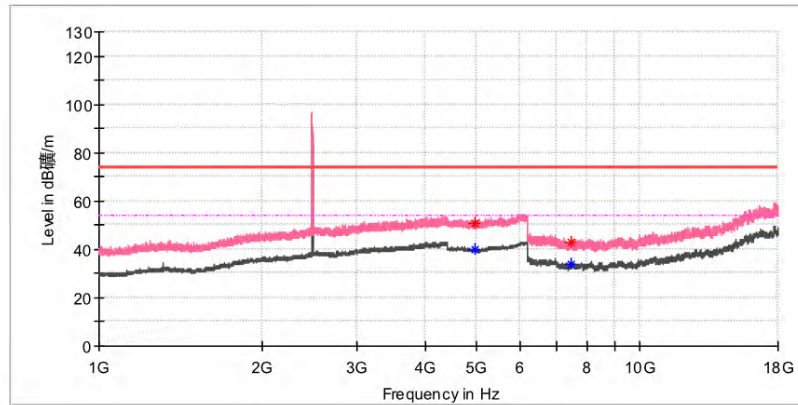
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_DH5_High Channel
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	51.04	---	74.00	22.96	100.0	V	277.0	13.2
4960.500000	---	40.07	54.00	13.93	100.0	V	118.0	13.2
7439.000000	---	33.87	54.00	20.13	100.0	V	337.0	8.4
7439.491667	43.01	---	74.00	30.99	100.0	V	0.0	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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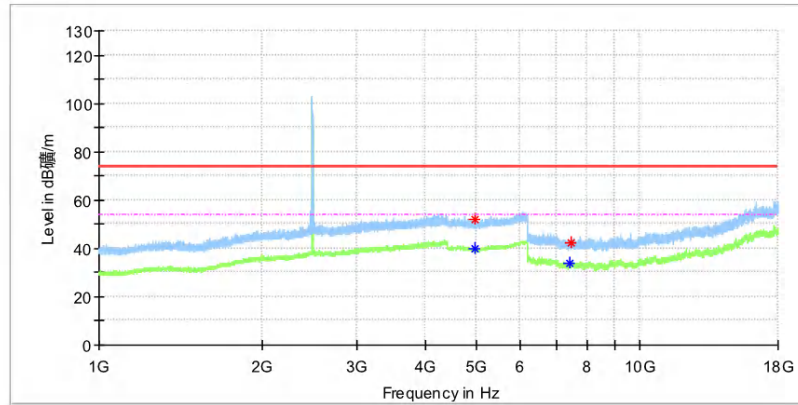
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_DH5_High Channel
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)
4952.000000	51.85	---	74.00	22.15	100.0	H	167.0	13.2
4959.000000	---	39.95	54.00	14.05	100.0	H	151.0	13.2
7436.541667	---	33.74	54.00	20.26	100.0	H	235.0	8.4
7439.983333	42.63	---	74.00	31.37	100.0	H	287.0	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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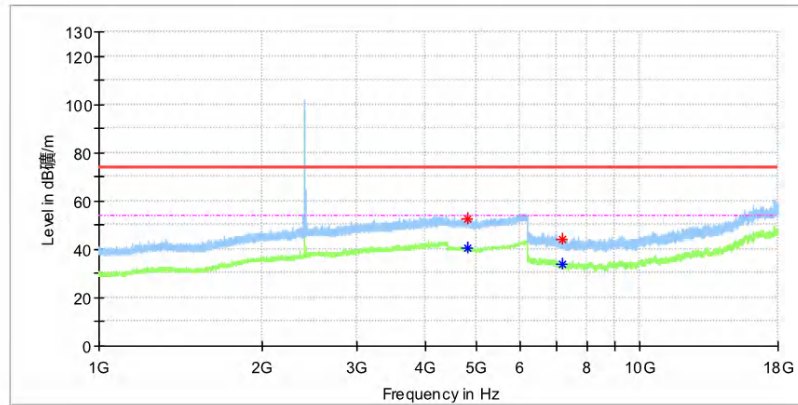
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_3DH5_Low Channel
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)
4805.000000	--	40.70	54.00	13.30	100.0	H	3.0	13.6
4810.500000	52.88	--	74.00	21.12	100.0	H	224.0	13.6
7207.425000	--	34.00	54.00	20.00	100.0	H	304.0	8.8
7207.916667	44.07	--	74.00	29.93	100.0	H	269.0	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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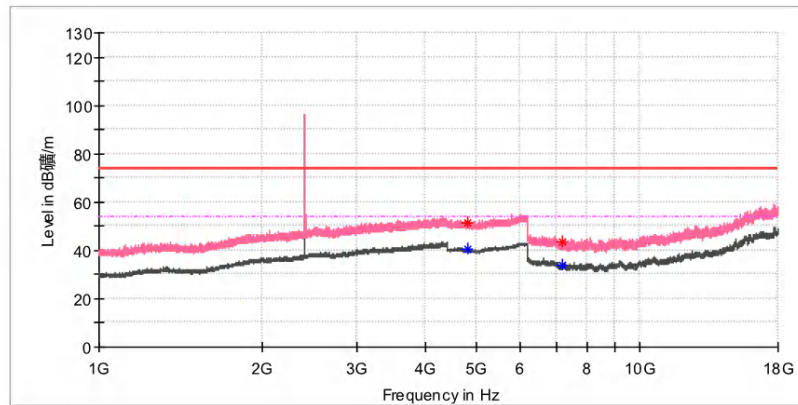
EMI Auto Test(1)

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Test Report

EUT Information

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Model:	TWSEJ08WM
Test Mode:	TX_BT_3DH5_Low Channel
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)
4804.500000	---	40.35	54.00	13.65	100.0	V	175.0	13.6
4805.000000	51.42	---	74.00	22.58	100.0	V	188.0	13.6
7204.475000	43.34	---	74.00	30.66	100.0	V	84.0	8.8
7204.966667	---	33.86	54.00	20.14	100.0	V	0.0	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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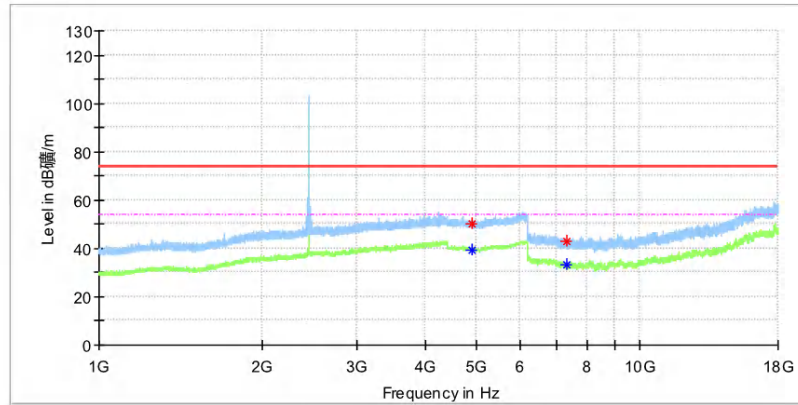
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_3DH5_Mid Channel
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)
4885.000000	50.35	---	74.00	23.65	100.0	H	113.0	13.4
4888.000000	---	39.45	54.00	14.55	100.0	H	341.0	13.3
7325.916667	42.98	---	74.00	31.02	100.0	H	5.0	8.2
7325.916667	---	33.30	54.00	20.70	100.0	H	5.0	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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12/8/2020

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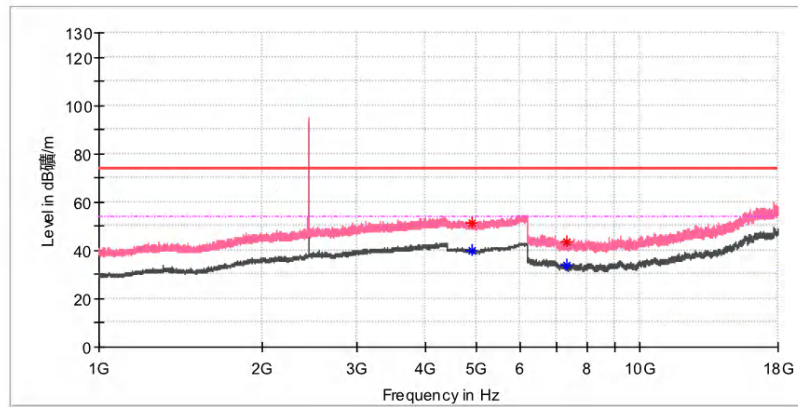
EMI Auto Test(1)

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Test Report

EUT Information

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Model:	TWSEJ08WM
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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	---	39.70	54.00	14.30	100.0	V	22.0	13.4
4884.000000	51.59	---	74.00	22.41	100.0	V	123.0	13.4
7318.541667	43.61	---	74.00	30.39	100.0	V	97.0	8.2
7322.966667	---	33.92	54.00	20.08	100.0	V	196.0	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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12/8/2020

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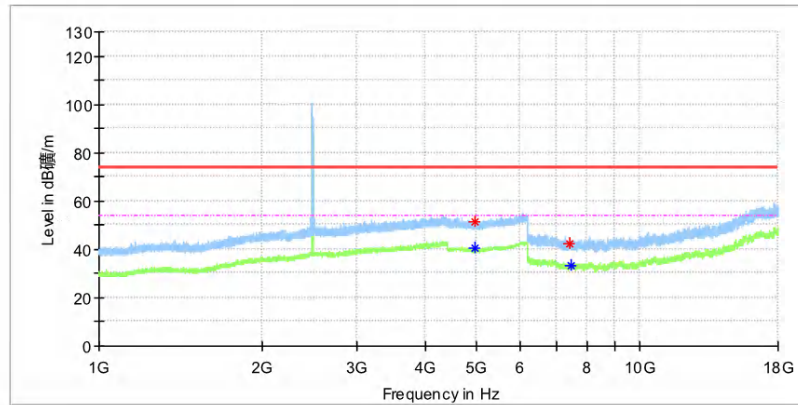
EMI Auto Test(1)

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Test Report

EUT Information

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Model:	TWSEJ08WM
Test Mode:	TX_BT_3DH5_High Channel
Test Voltage:	Via USB port
Remark:	Temp 22 Humi:50%
Test Standard:	FCC 15.247
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Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4955.500000	--	40.69	54.00	13.31	100.0	H	267.0	13.2
4965.500000	51.65	--	74.00	22.35	100.0	H	277.0	13.2
7437.033333	42.50	--	74.00	31.50	100.0	H	120.0	8.4
7439.983333	--	33.37	54.00	20.63	100.0	H	47.0	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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12/8/2020

9:24:27 AM

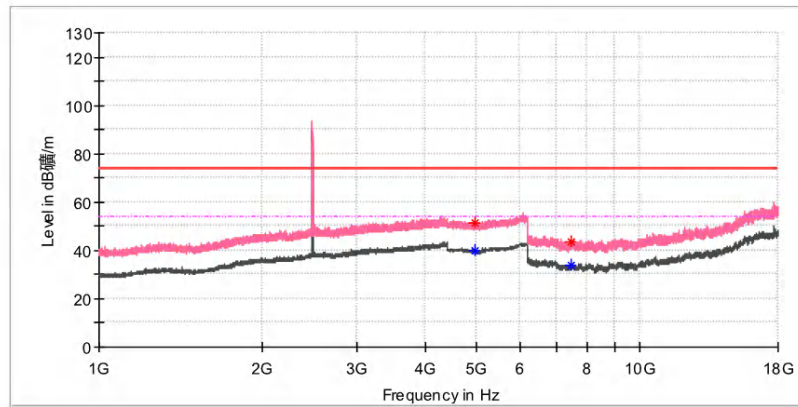
EMI Auto Test(1)

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Test Report

EUT Information

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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)
4958.000000	51.48	---	74.00	22.52	100.0	V	48.0	13.2
4960.000000	---	39.84	54.00	14.16	100.0	V	84.0	13.2
7440.475000	---	33.63	54.00	20.37	100.0	V	342.0	8.4
7442.933333	43.32	---	74.00	30.68	100.0	V	328.0	8.4

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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12/8/2020

9:24:27 AM

Right earphone

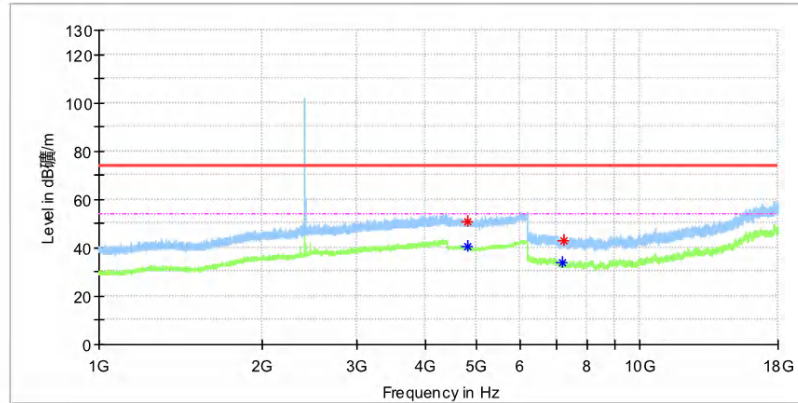
EMI Auto Test(1)

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Test Report

EUT Information

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Model:	TWSEJ08WM
Test Mode:	TX_BT_DH5_Low Channel
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)
4806.000000	51.08	---	74.00	22.92	100.0	H	156.0	13.6
4806.500000	---	40.46	54.00	13.54	100.0	H	173.0	13.6
7205.950000	---	34.02	54.00	19.98	100.0	H	329.0	8.8
7211.358333	43.09	---	74.00	30.91	100.0	H	269.0	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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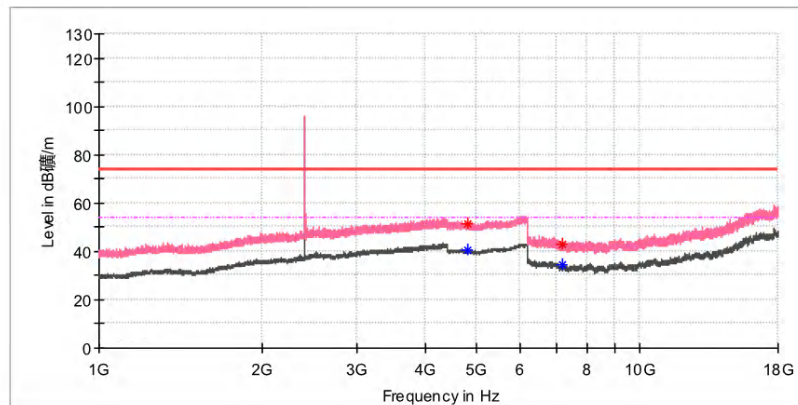
EMI Auto Test(1)

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Test Report

EUT Information

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Remark:	Temp 22 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
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Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4804.500000	51.13	---	74.00	22.87	100.0	V	255.0	13.6
4806.000000	---	40.48	54.00	13.52	100.0	V	12.0	13.6
7204.475000	42.85	---	74.00	31.15	100.0	V	110.0	8.8
7207.425000	---	34.65	54.00	19.35	100.0	V	140.0	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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6:02:02 PM

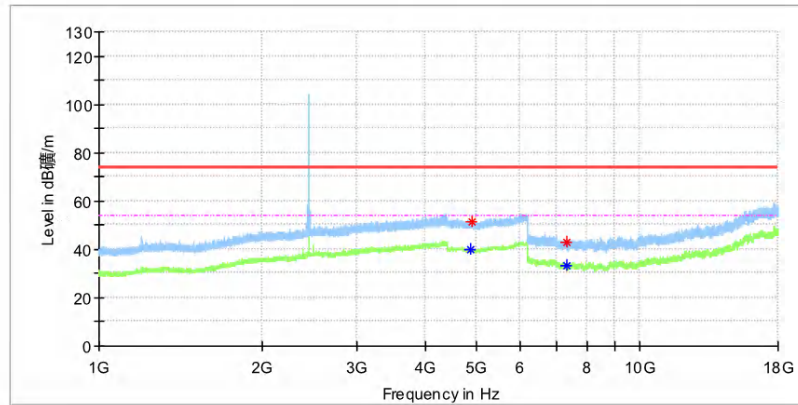
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_DH5_Mid Channel
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)
4874.500000	--	39.74	54.00	14.26	100.0	H	87.0	13.4
4885.000000	51.46	--	74.00	22.54	100.0	H	1.0	13.4
7322.475000	--	33.10	54.00	20.90	100.0	H	332.0	8.2
7328.375000	42.91	--	74.00	31.09	100.0	H	274.0	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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11/8/2020

6:02:02 PM

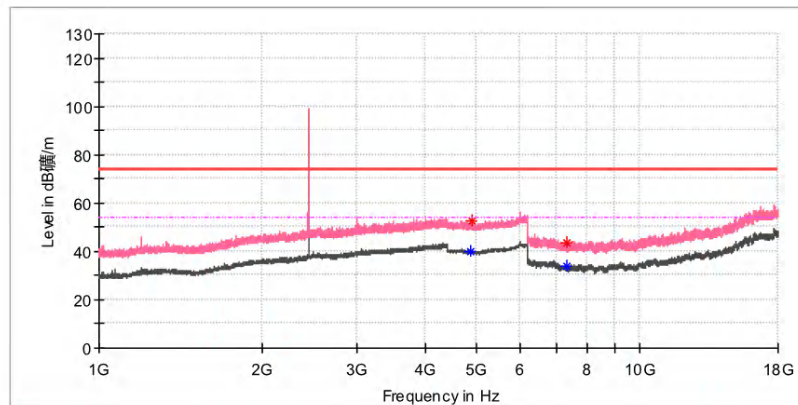
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_DH5_Mid Channel
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)
4874.000000	--	39.84	54.00	14.16	100.0	V	221.0	13.4
4879.500000	52.47	--	74.00	21.53	100.0	V	185.0	13.4
7322.966667	--	33.61	54.00	20.39	100.0	V	77.0	8.2
7330.833333	43.73	--	74.00	30.27	100.0	V	277.0	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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11/8/2020

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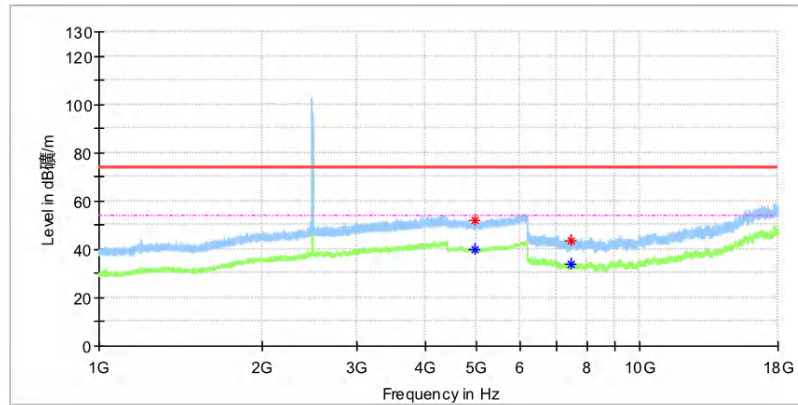
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_DH5_High Channel
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)
4954.000000	51.98	---	74.00	22.02	100.0	H	4.0	13.2
4956.000000	---	40.10	54.00	13.90	100.0	H	277.0	13.2
7439.983333	43.55	---	74.00	30.45	100.0	H	263.0	8.4
7442.933333	---	33.92	54.00	20.08	100.0	H	316.0	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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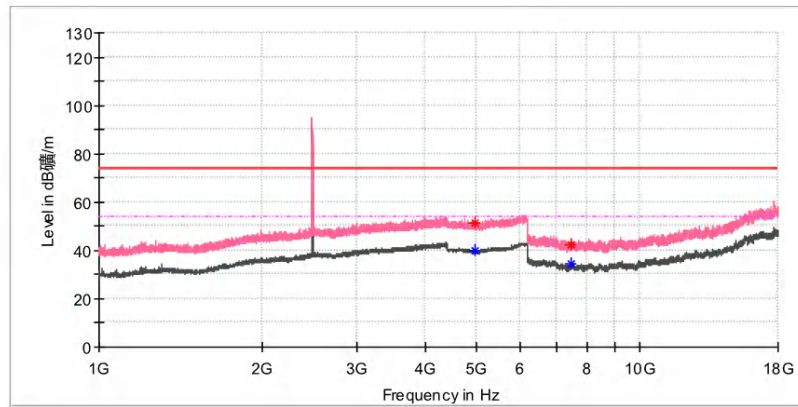
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_DH5_High Channel
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)
4956.000000	51.70	---	74.00	22.30	100.0	V	358.0	13.2
4956.500000	---	39.98	54.00	14.02	100.0	V	197.0	13.2
7441.950000	---	34.26	54.00	19.74	100.0	V	354.0	8.4
7443.916667	42.57	---	74.00	31.43	100.0	V	23.0	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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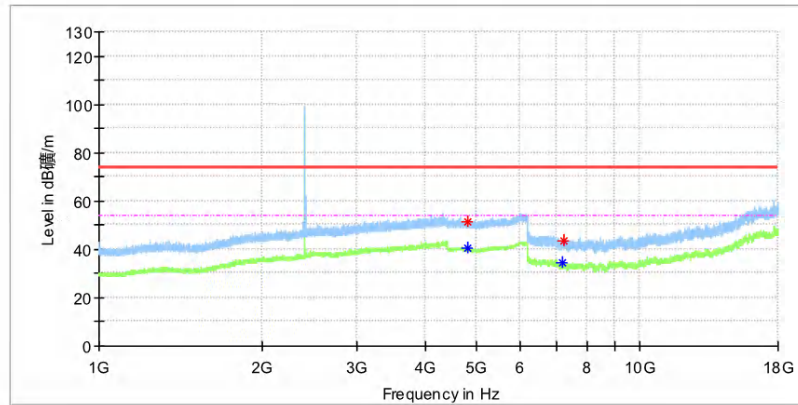
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_3DH5_Low Channel
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	--	40.22	54.00	13.78	100.0	H	150.0	13.6
4807.000000	51.50	--	74.00	22.50	100.0	H	124.0	13.6
7207.425000	--	34.25	54.00	19.75	100.0	H	346.0	8.8
7215.783333	43.49	--	74.00	30.51	100.0	H	253.0	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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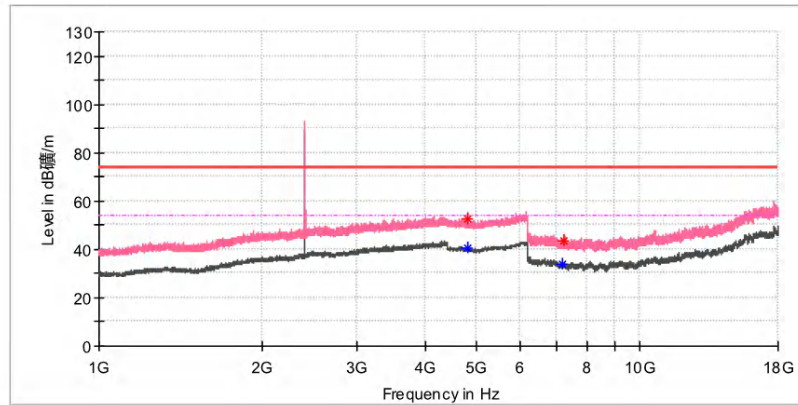
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_3DH5_Low Channel
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)
4802.500000	52.47	---	74.00	21.53	100.0	V	71.0	13.6
4810.000000	---	40.42	54.00	13.58	100.0	V	243.0	13.6
7209.391667	---	33.64	54.00	20.36	100.0	V	110.0	8.8
7210.375000	43.83	---	74.00	30.17	100.0	V	321.0	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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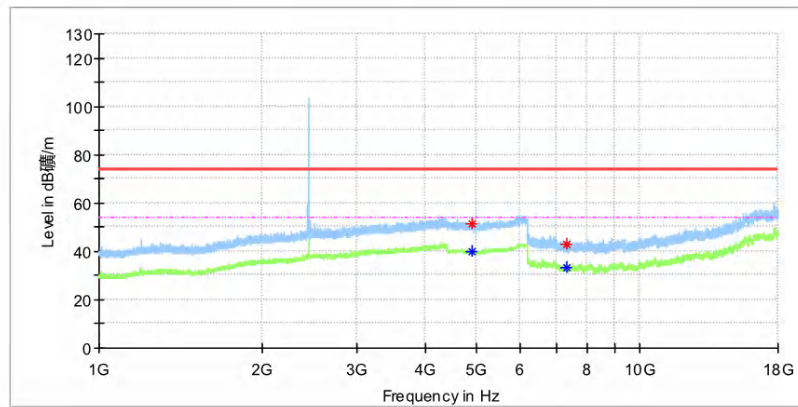
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_3DH5_Mid Channel
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	51.38	---	74.00	22.62	100.0	H	208.0	13.4
4887.500000	---	39.73	54.00	14.27	100.0	H	55.0	13.3
7321.983333	42.80	---	74.00	31.20	100.0	H	2.0	8.2
7328.866667	---	33.49	54.00	20.51	100.0	H	117.0	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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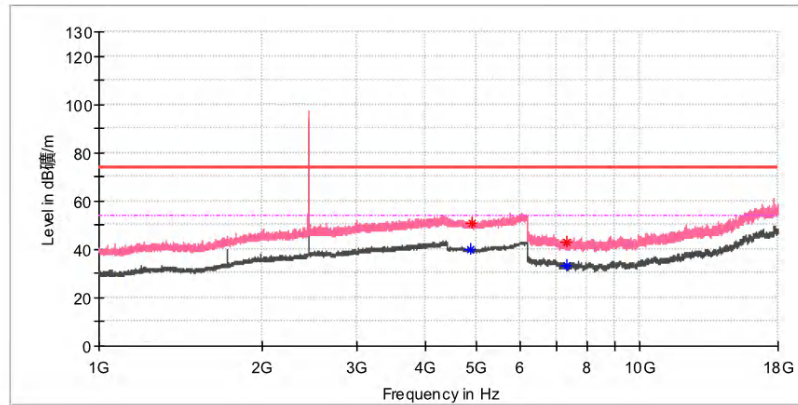
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_3DH5_Mid Channel
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)
4878.000000	--	40.02	54.00	13.98	100.0	V	46.0	13.4
4882.000000	50.57	--	74.00	23.43	100.0	V	90.0	13.4
7320.016667	42.71	--	74.00	31.29	100.0	V	353.0	8.2
7328.375000	--	33.43	54.00	20.57	100.0	V	199.0	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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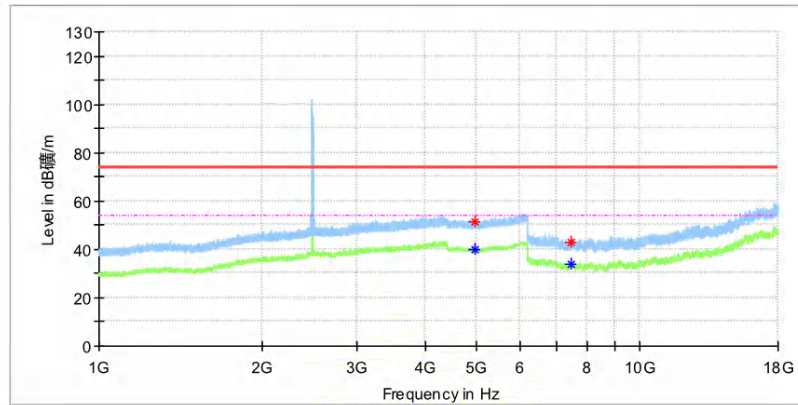
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
TestMode:	TX_BT_3DH5_High Channel
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)
4959.000000	--	40.17	54.00	13.83	100.0	H	188.0	13.2
4959.500000	51.57	--	74.00	22.43	100.0	H	130.0	13.2
7440.966667	42.84	--	74.00	31.16	100.0	H	252.0	8.4
7443.916667	--	33.76	54.00	20.24	100.0	H	104.0	8.5

Final Result

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

11/8/2020

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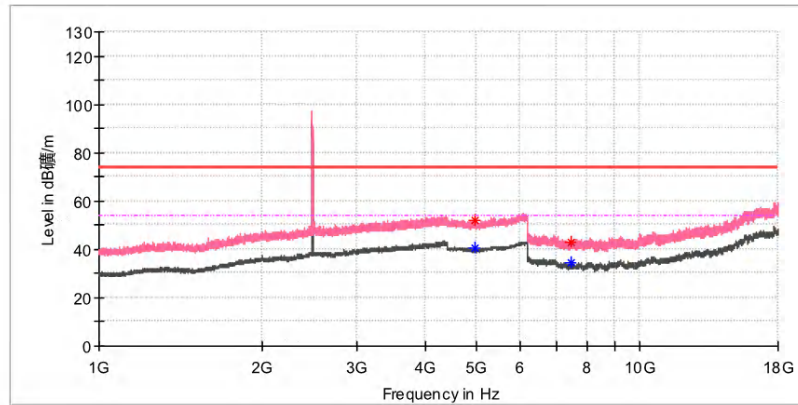
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_3DH5_High Channel
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)
4951.000000	51.86	---	74.00	22.14	100.0	V	203.0	13.2
4953.000000	---	40.52	54.00	13.48	100.0	V	303.0	13.2
7443.425000	---	34.57	54.00	19.43	100.0	V	191.0	8.5
7447.850000	42.87	---	74.00	31.13	100.0	V	49.0	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 B.8: Test Results of Radiated Emissions in Restricted Bands

Left earphone

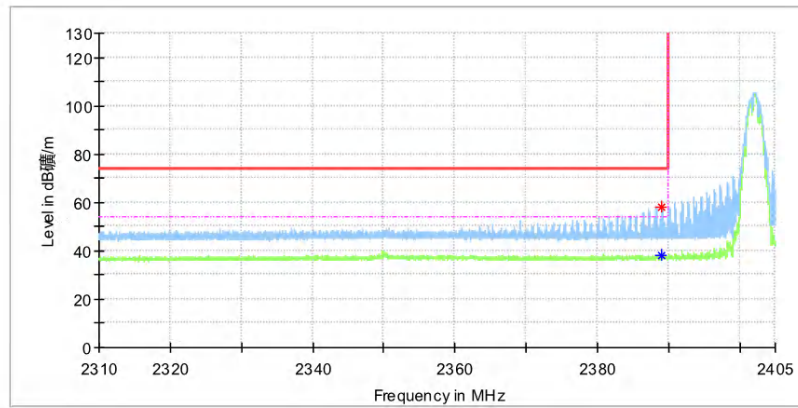
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_DH5_Low Channel
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)
2389.040000	---	38.27	54.00	15.73	100.0	H	230.0	7.0
2389.040000	57.90	---	74.00	16.10	100.0	H	230.0	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)
---	---	---	---	---	---	---	---	---

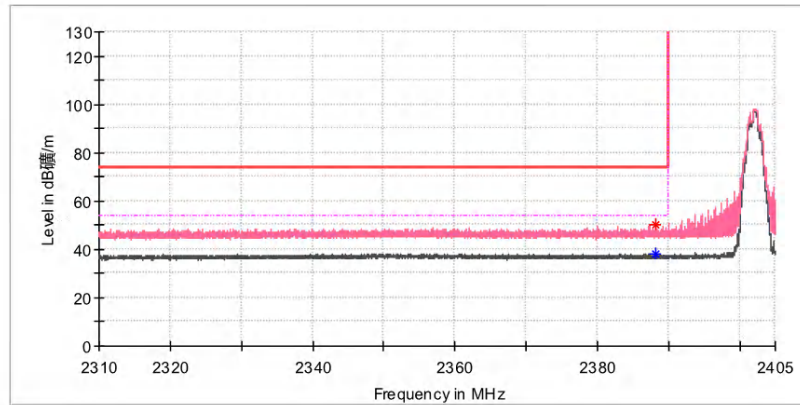
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_DH5_Low Channel
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)
2388.119688	--	38.16	54.00	15.84	100.0	V	219.0	7.0
2388.214688	50.15	--	74.00	23.85	100.0	V	178.0	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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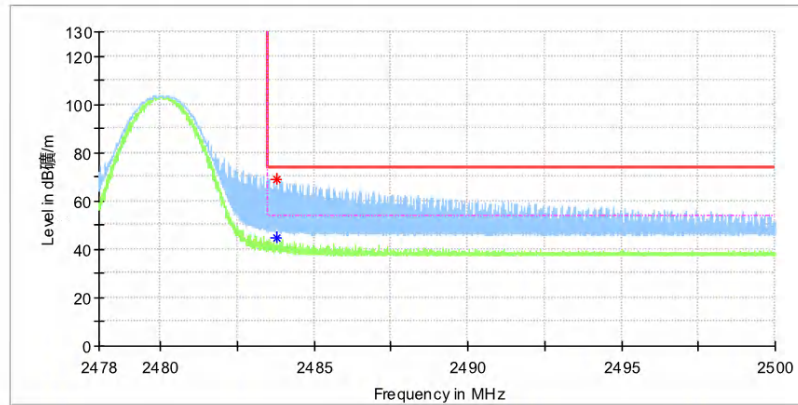
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_DH5_High Channel
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)
2483.780500	---	44.80	54.00	9.20	100.0	H	150.0	7.4
2483.780500	68.84	---	74.00	5.16	100.0	H	150.0	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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12/8/2020

9:56:45 AM

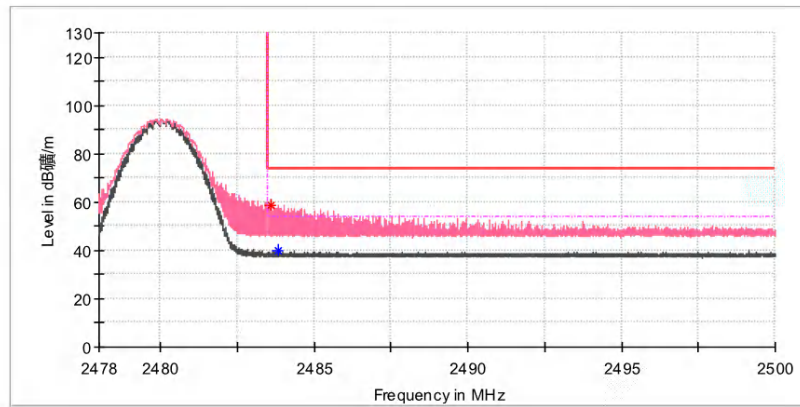
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_DH5_High Channel
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)
2483.599000	58.75	---	74.00	15.25	100.0	V	91.0	7.4
2483.812125	---	39.93	54.00	14.07	100.0	V	91.0	7.4

Final Result

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

12/8/2020

9:56:45 AM

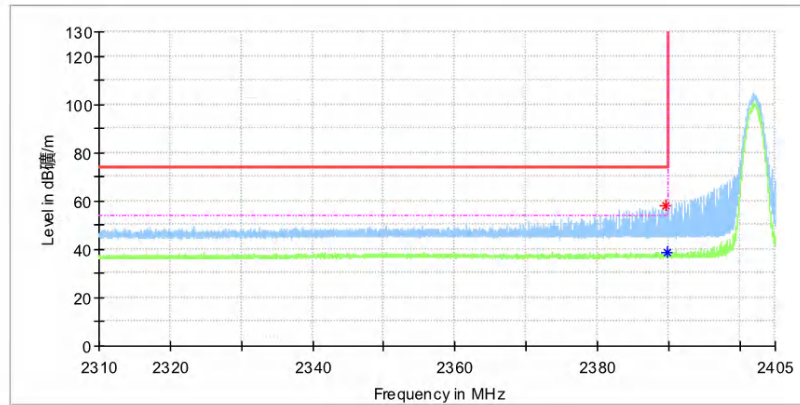
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_3DH5_Low Channel
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)
2389.556563	57.97	---	74.00	16.03	100.0	H	155.0	7.0
2389.906875	---	38.70	54.00	15.30	100.0	H	251.0	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)
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12/8/2020

9:56:45 AM

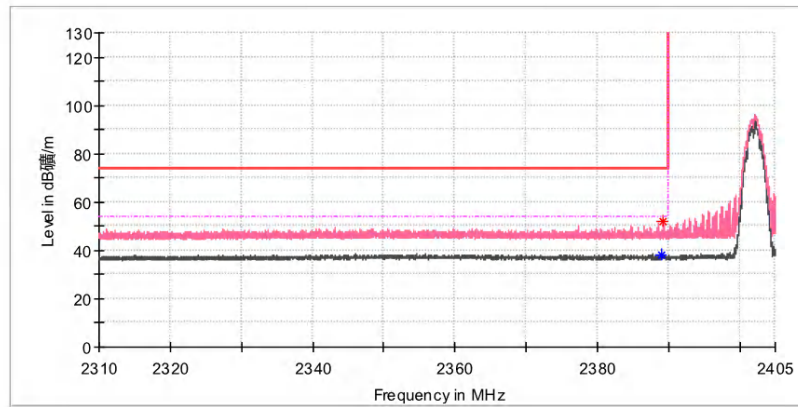
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_3DH5_Low Channel
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)
2389.075625	---	37.81	54.00	16.19	100.0	V	330.0	7.0
2389.241875	51.78	---	74.00	22.22	100.0	V	293.0	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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12/8/2020

9:56:45 AM

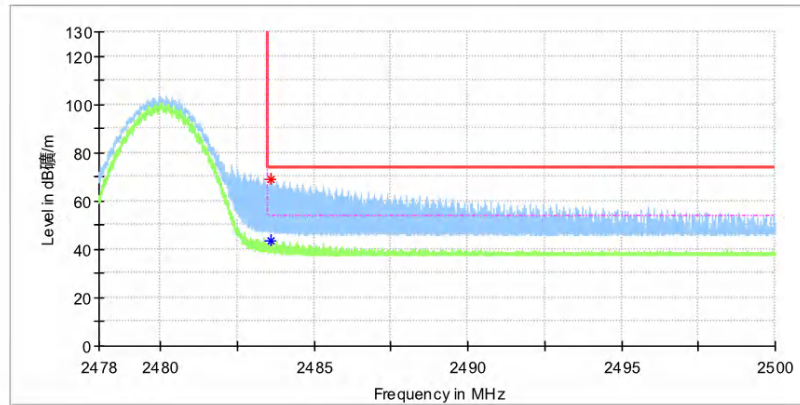
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_3DH5_High Channel
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)
2483.575625	--	43.47	54.00	10.53	100.0	H	218.0	7.4
2483.575625	69.05	--	74.00	4.95	100.0	H	218.0	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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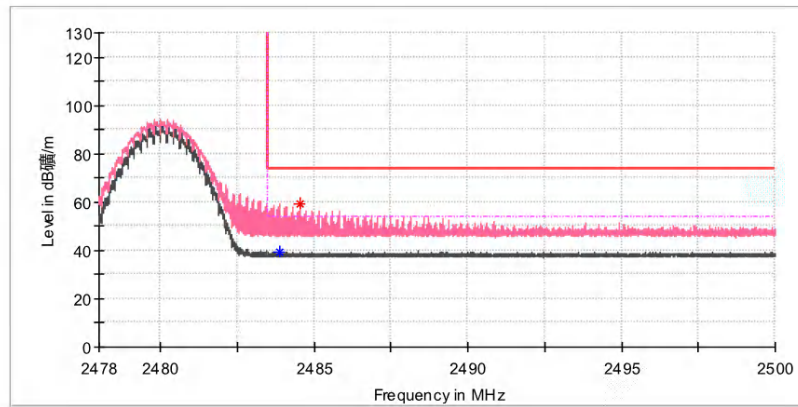
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_3DH5_High Channel
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)
2483.890500	--	39.58	54.00	14.42	100.0	V	81.0	7.4
2484.531250	59.22	--	74.00	14.78	100.0	V	81.0	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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12/8/2020

9:56:45 AM

Right earphone

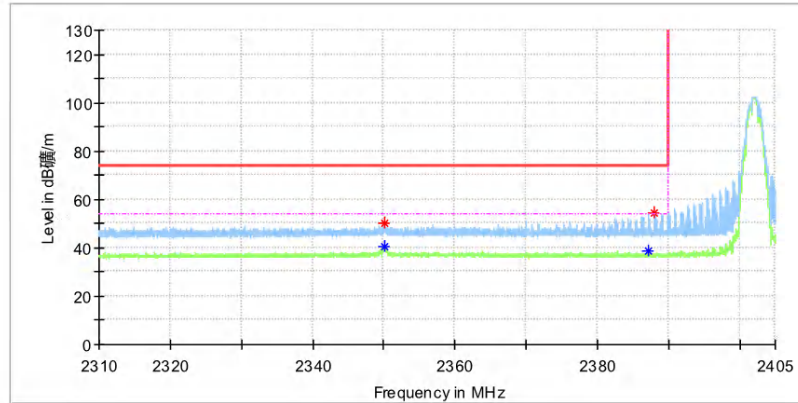
EMI Auto Test(1)

1 / 8

Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_DH5_Low Channel
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)
2350.107813	49.96	---	74.00	24.04	100.0	H	300.0	6.9
2350.208750	---	40.46	54.00	13.54	100.0	H	314.0	6.9
2387.217188	---	38.72	54.00	15.28	100.0	H	206.0	7.0
2388.072188	54.29	---	74.00	19.71	100.0	H	327.0	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)
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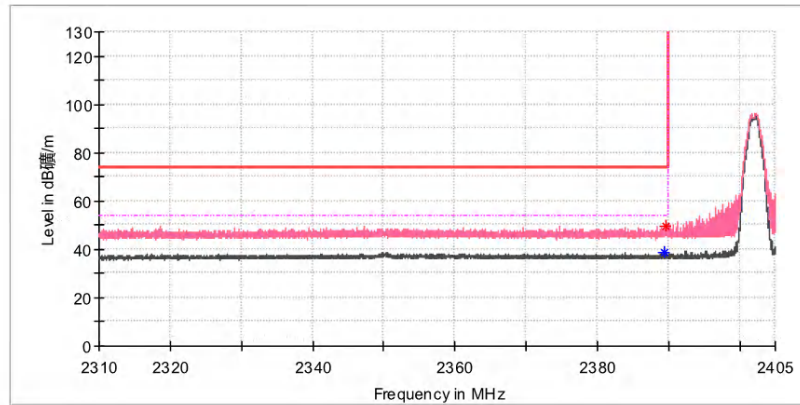
EMI Auto Test(1)

2 / 8

Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_DH5_Low Channel
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)
2389.509063	--	38.74	54.00	15.26	100.0	V	130.0	7.0
2389.663438	49.75	--	74.00	24.25	100.0	V	243.0	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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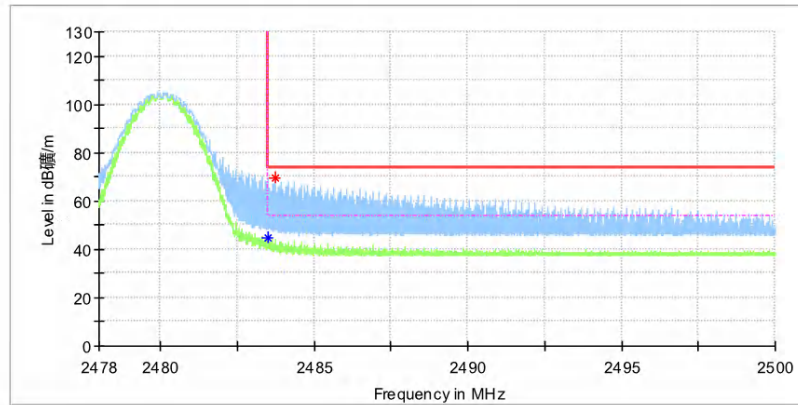
EMI Auto Test(1)

3 / 8

Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_DH5_High Channel
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)
2483.502750	--	44.78	54.00	9.22	100.0	H	98.0	7.4
2483.715875	69.61	--	74.00	4.39	100.0	H	98.0	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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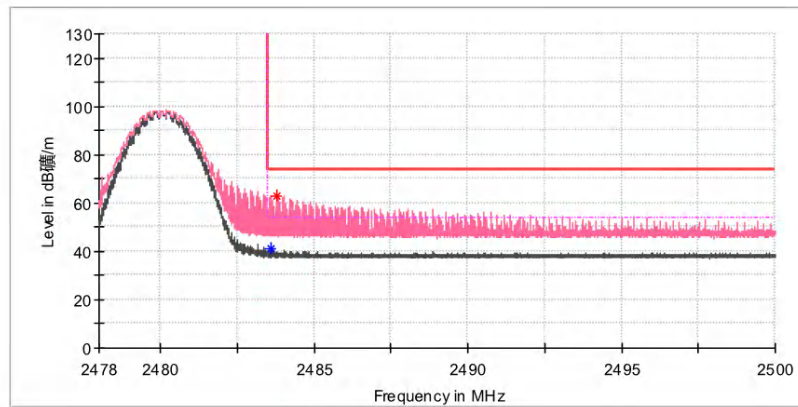
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_DH5_High Channel
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)
2483.585250	--	41.38	54.00	12.62	100.0	V	239.0	7.4
2483.798375	63.00	--	74.00	11.00	100.0	V	239.0	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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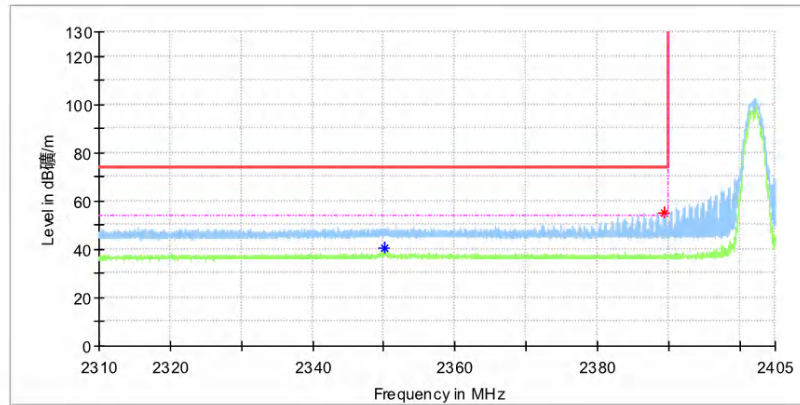
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_3DH5_Low Channel
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)
2350.185000	--	40.76	54.00	13.24	100.0	H	119.0	6.9
2389.420000	55.25	--	74.00	18.75	100.0	H	119.0	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)
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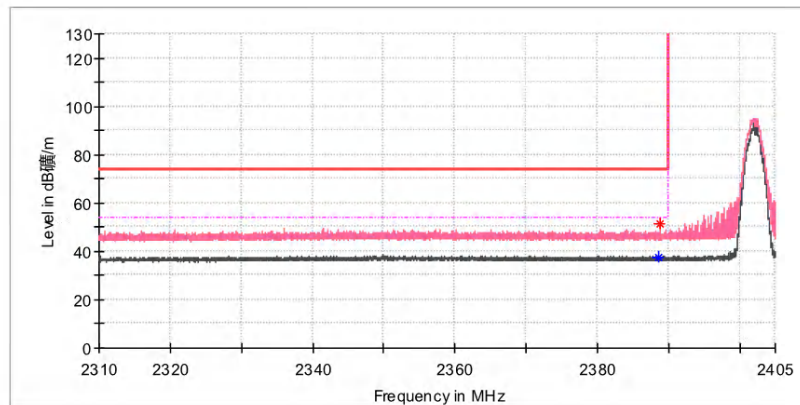
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_3DH5_Low Channel
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)
2388.594688	--	37.64	54.00	16.36	100.0	V	262.0	7.0
2388.743125	51.15	--	74.00	22.85	100.0	V	165.0	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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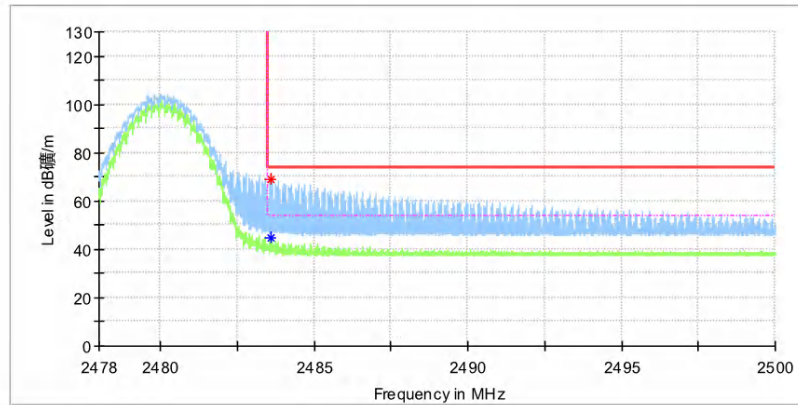
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_3DH5_High Channel
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)
2483.618250	--	44.62	54.00	9.38	100.0	H	96.0	7.4
2483.618250	69.03	--	74.00	4.97	100.0	H	96.0	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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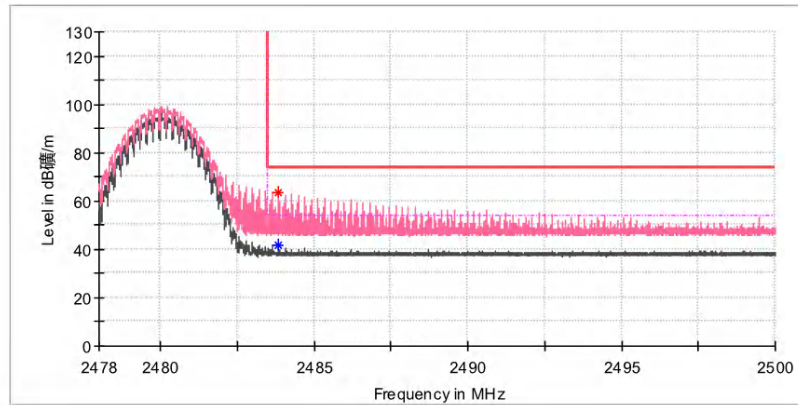
EMI Auto Test(1)

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Test Report

EUT Information

EUT Name:	Mi True Wireless Earphones 2 Basic
Model:	TWSEJ08WM
Test Mode:	TX_BT_3DH5_High Channel
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)
2483.838250	--	41.88	54.00	12.12	100.0	V	165.0	7.4
2483.838250	63.73	--	74.00	10.27	100.0	V	165.0	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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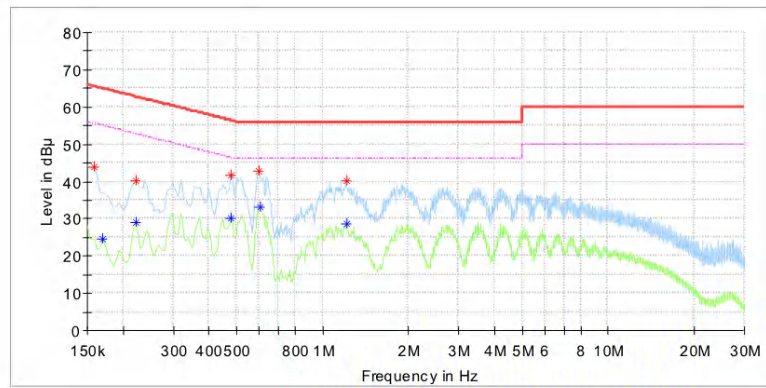
Appendix B.9: Test Results of Conducted Emission on AC Mains
 BT connecting mode

1 / 1

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



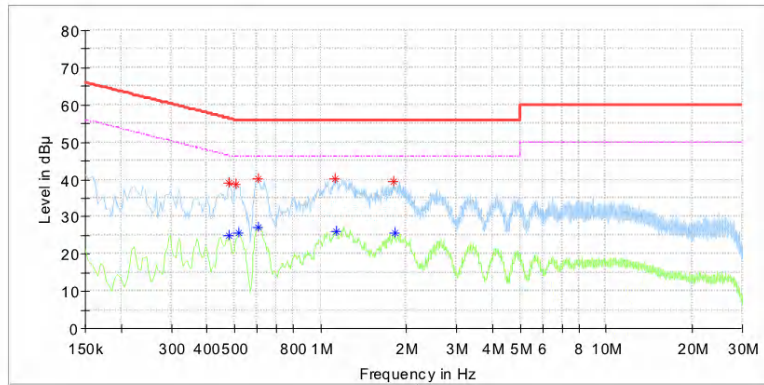
Critical Freqs

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