

Appendix B: Test Results of Bluetooth(BDR and EDR)

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Appendix B.1: Test Results of Maximum Peak Conducted Output Power BDR mode (GFSK)

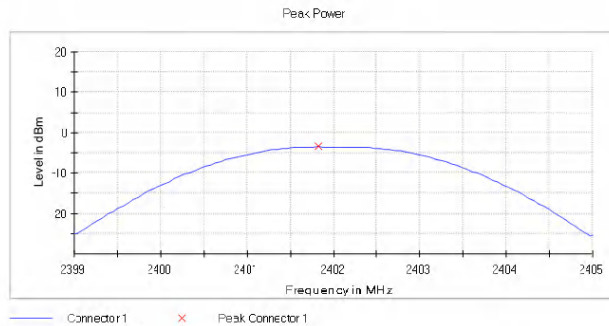
FCC Part 47 §15.247 2400-2483.5 MHz 2017

Peak output power (Sweep) (2402 MHz; 0.000 dBm; 1 MHz; Test Mode)

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

Result

DUT Frequency (MHz)	Peak Power (dBm)	Limit Max (dBm)	Result
2402.000000	-2.9	21.0	PASS



Peak Power 1

Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.39900 GHz	2.39900 GHz
Stop Frequency	2.40500 GHz	2.40500 GHz
Span	6.000 MHz	6.000 MHz
RBW	2.000 MHz	>= 1.000 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	101	~ 101
SweepTime	1.000 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	4 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.02 dB	0.50 dB

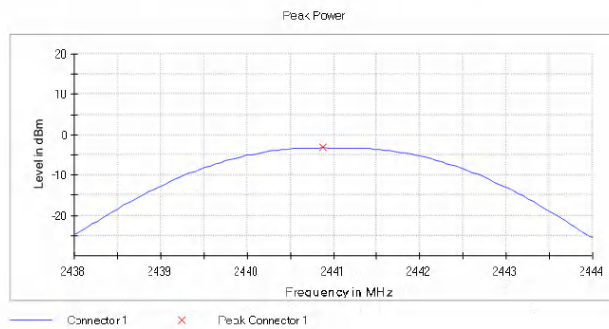
FCC Part 47 §15.247 2400-2483.5 MHz 2017

Peak output power (Sweep) (2441 MHz; 0.000 dBm; 1 MHz; Test Mode)

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

Result

DUT Frequency (MHz)	Peak Power (dBm)	Limit Max (dBm)	Result
2441.000000	-2.8	21.0	PASS



Peak Power 1

Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.43800 GHz	2.43800 GHz
Stop Frequency	2.44400 GHz	2.44400 GHz
Span	6.000 MHz	6.000 MHz
RBW	2.000 MHz	>= 1.000 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	101	~ 101
SweepTime	1.000 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	4 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.03 dB	0.50 dB

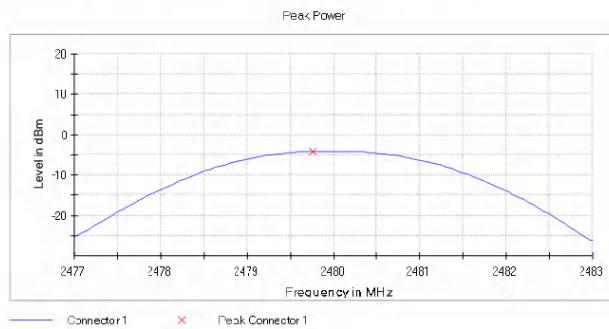
FCC Part 47 §15.247 2400-2483.5 MHz 2017

Peak output power (Sweep) (2480 MHz; 0.000 dBm; 1 MHz; Test Mode)

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

Result

DUT Frequency (MHz)	Peak Power (dBm)	Limit Max (dBm)	Result
2480.000000	-3.6	21.0	PASS



Peak Power 1

Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.47700 GHz	2.47700 GHz
Stop Frequency	2.48300 GHz	2.48300 GHz
Span	6.000 MHz	6.000 MHz
RBW	2.000 MHz	>= 1.000 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	101	~ 101
SweepTime	1.000 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	4 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.02 dB	0.50 dB

EDR mode (8DPSK)

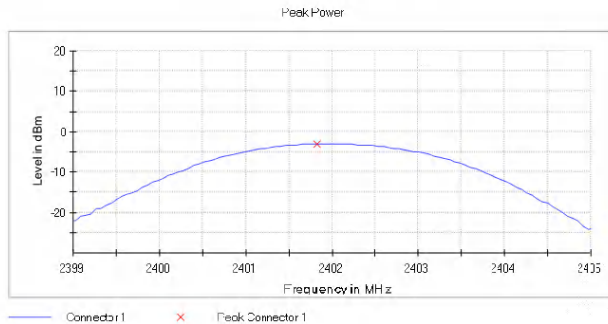
FCC Part 47 §15.247 2400-2483.5 MHz 2017

Peak output power (Sweep) (2402 MHz; 0.000 dBm; 1 MHz; Test Mode)

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

Result

DUT Frequency (MHz)	Peak Power (dBm)	Limit Max (dBm)	Result
2402.000000	-3.1	21.0	PASS



Peak Power 1

Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.39900 GHz	2.39900 GHz
Stop Frequency	2.40500 GHz	2.40500 GHz
Span	6.000 MHz	6.000 MHz
RBW	2.000 MHz	>= 1.000 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	101	~ 101
Sweptime	1.000 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	4 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.22 dB	0.50 dB

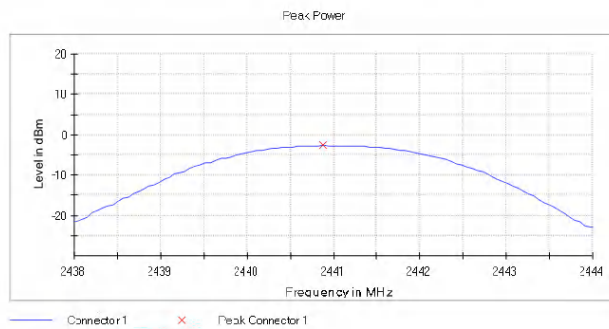
FCC Part 47 §15.247 2400-2483.5 MHz 2017

Peak output power (Sweep) (2441 MHz; 0.000 dBm; 1 MHz; Test Mode)

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

Result

DUT Frequency (MHz)	Peak Power (dBm)	Limit Max (dBm)	Result
2441.000000	-2.7	21.0	PASS



Peak Power 1

Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.43800 GHz	2.43800 GHz
Stop Frequency	2.44400 GHz	2.44400 GHz
Span	6.000 MHz	6.000 MHz
RBW	2.000 MHz	>= 1.000 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	101	~ 101
SweepTime	1.000 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	4 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.32 dB	0.50 dB

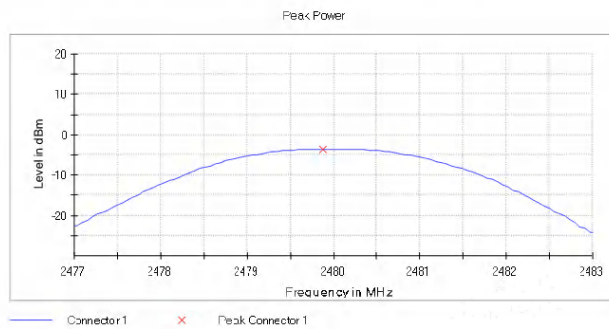
FCC Part 47 §15.247 2400-2483.5 MHz 2017

Peak output power (Sweep) (2480 MHz; 0.000 dBm; 1 MHz; Test Mode)

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

Result

DUT Frequency (MHz)	Peak Power (dBm)	Limit Max (dBm)	Result
2480.000000	-3.5	21.0	PASS



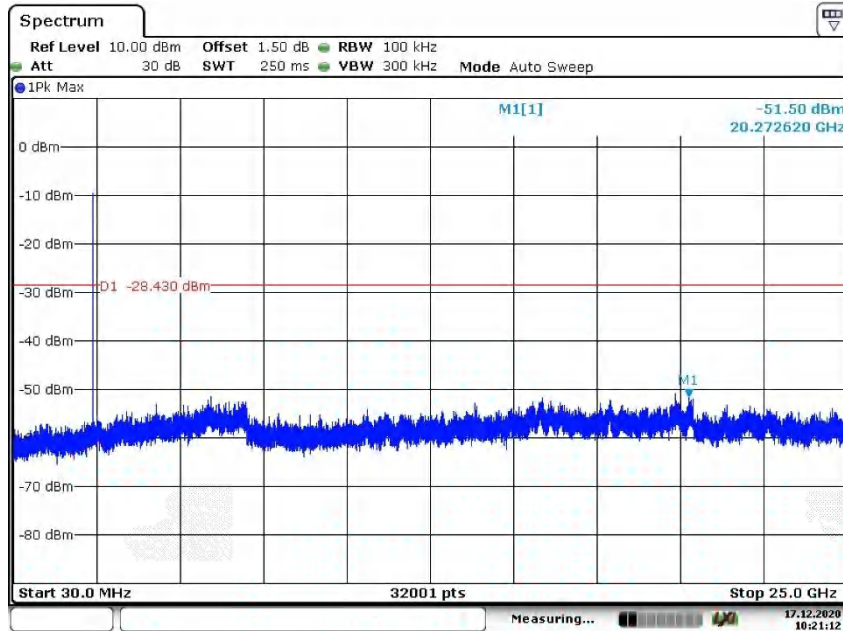
Peak Power 1

Measurement

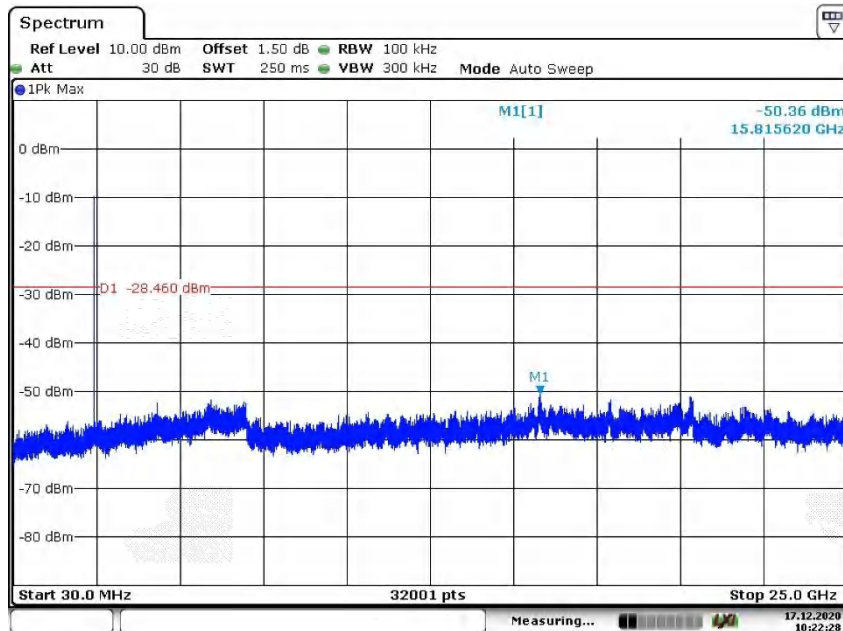
Setting	Instrument Value	Target Value
Start Frequency	2.47700 GHz	2.47700 GHz
Stop Frequency	2.48300 GHz	2.48300 GHz
Span	6.000 MHz	6.000 MHz
RBW	2.000 MHz	>= 1.000 MHz
VBW	10.000 MHz	>= 6.000 MHz
SweepPoints	101	~ 101
SweepTime	1.000 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	4 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.09 dB	0.50 dB

Appendix B.2: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

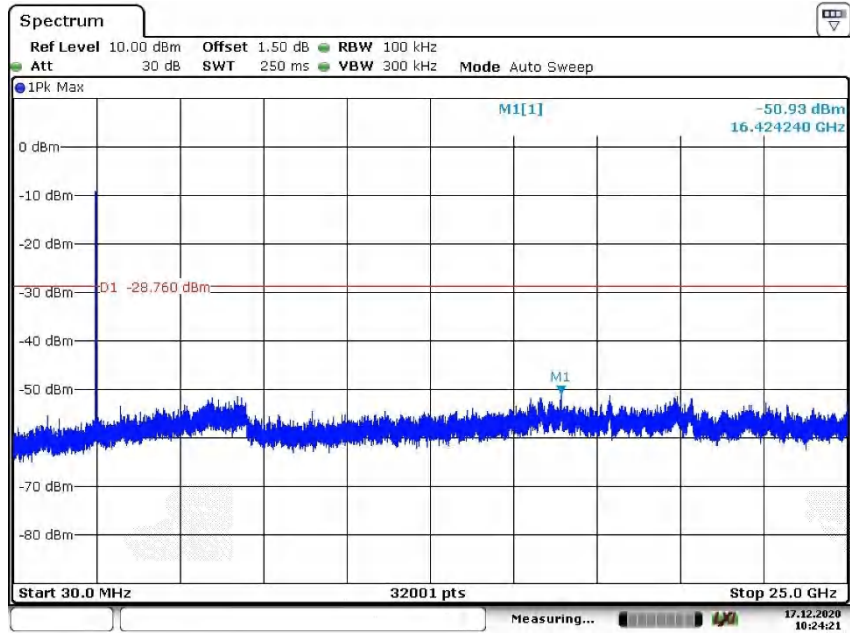
BDR mode (GFSK)



Date: 17.DEC.2020 10:21:12

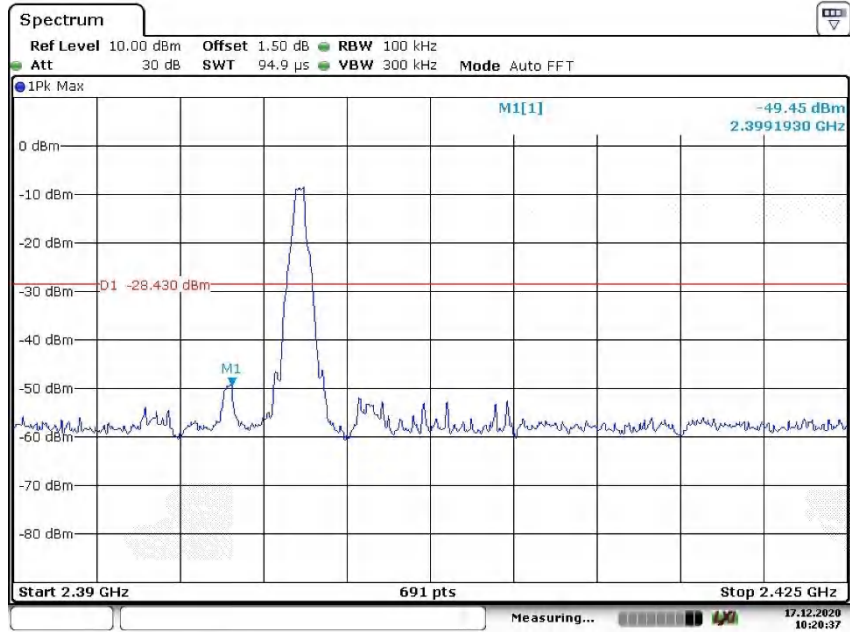


Date: 17.DEC.2020 10:22:28

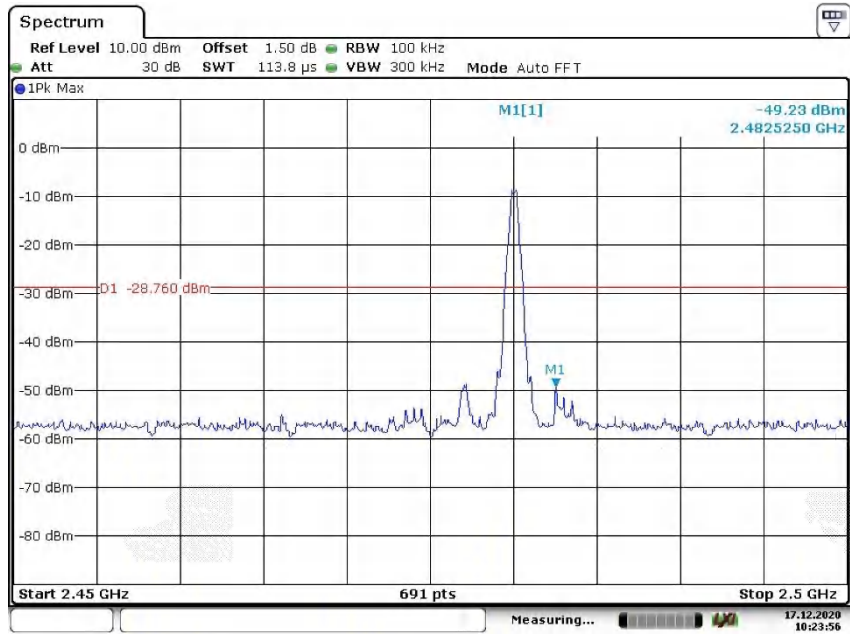


Date: 17.DEC.2020 10:24:21

BDR mode (GFSK), Band Edge

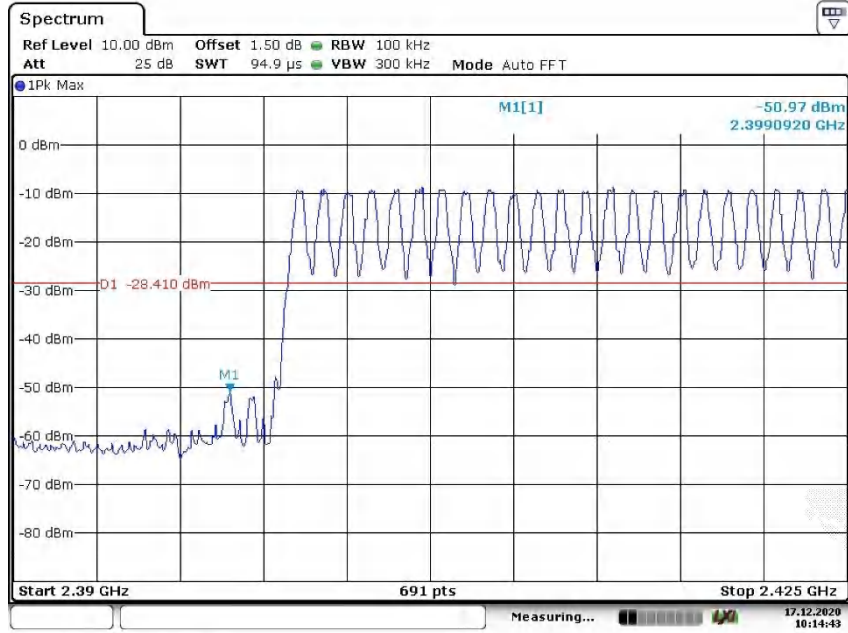


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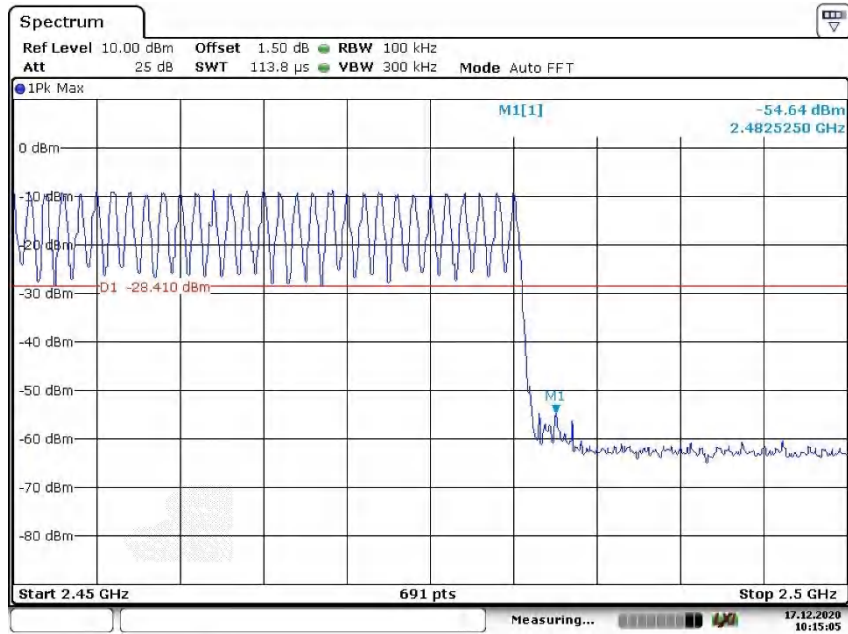


Date: 17.DEC.2020 10:23:56

BDR mode (GFSK), Band Edge, Hopping Mode

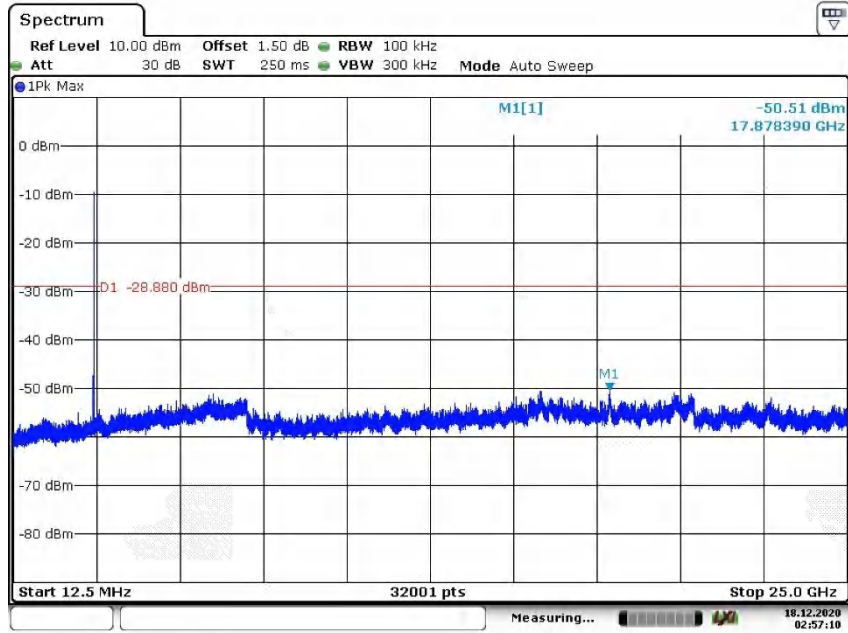


Date: 17.DEC.2020 10:14:43

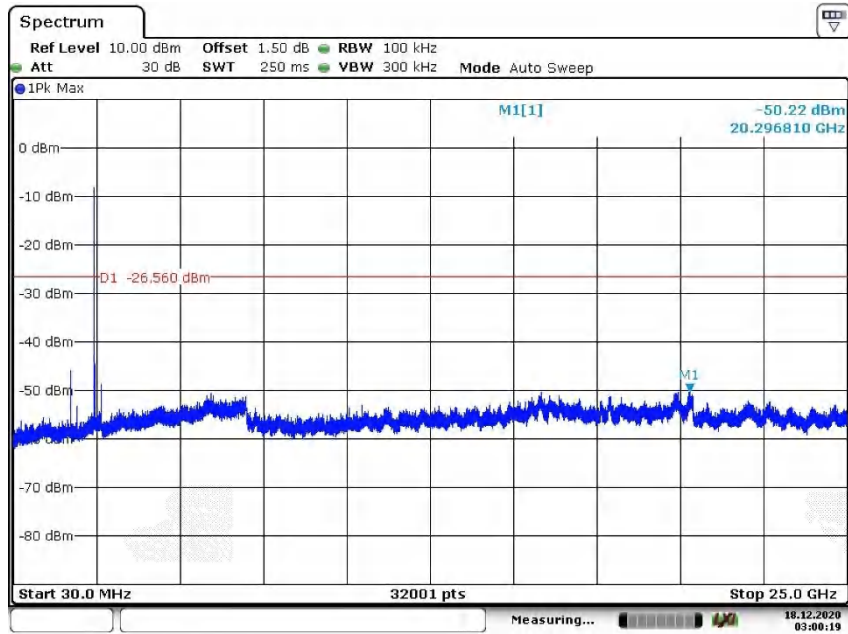


Date: 17.DEC.2020 10:15:05

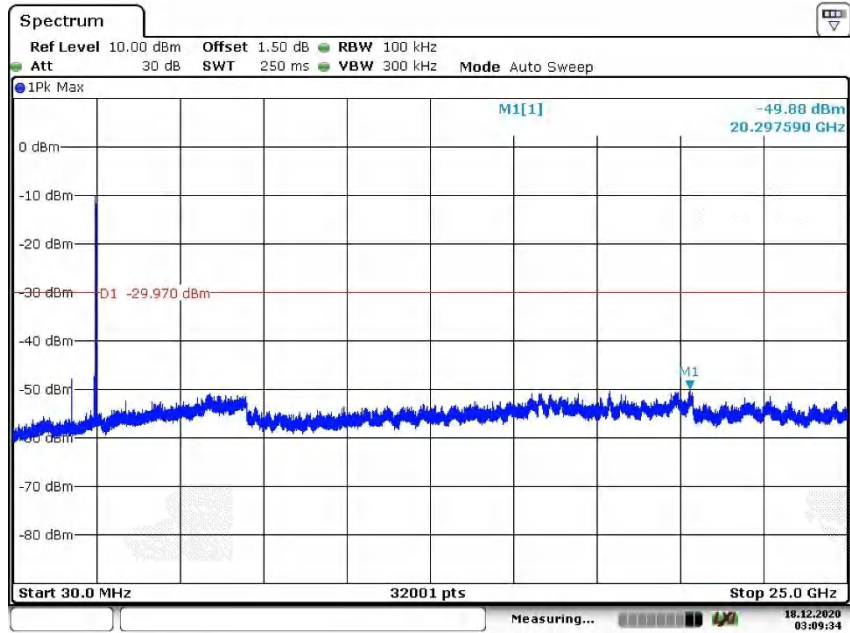
EDR mode (8DPSK)



Date: 18.DEC.2020 02:57:11

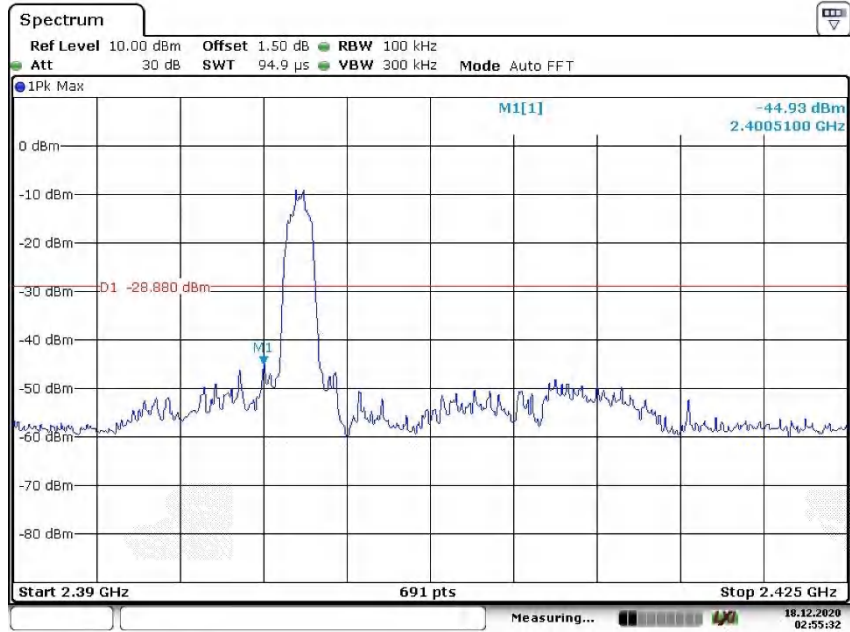


Date: 18.DEC.2020 03:00:19

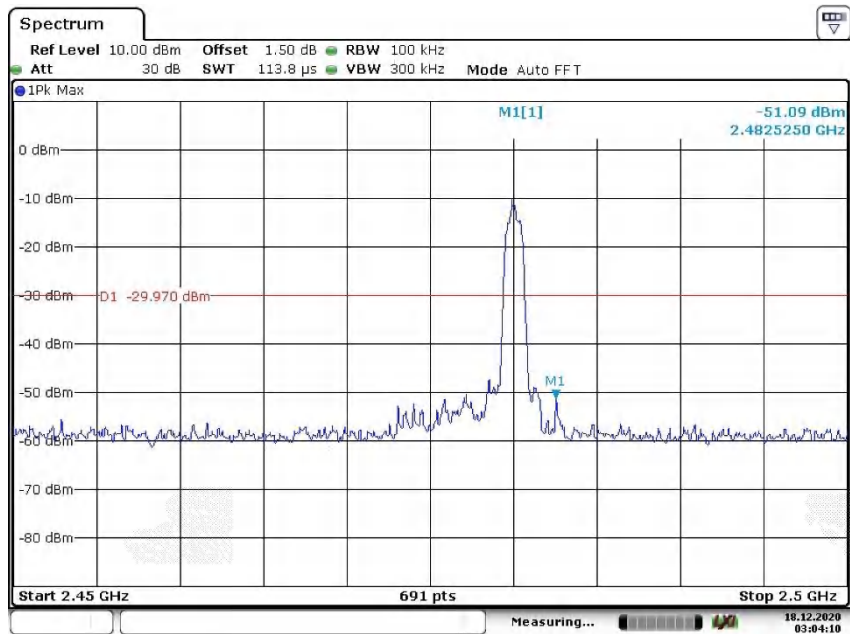


Date: 18.DEC.2020 03:09:34

EDR mode (8DPSK), Band Edge

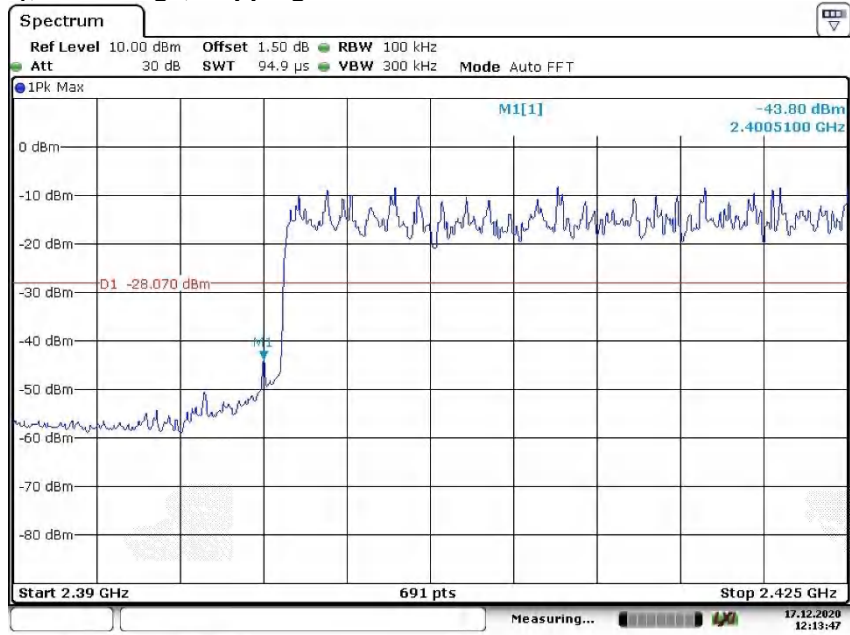


Date: 18.DEC.2020 02:55:32

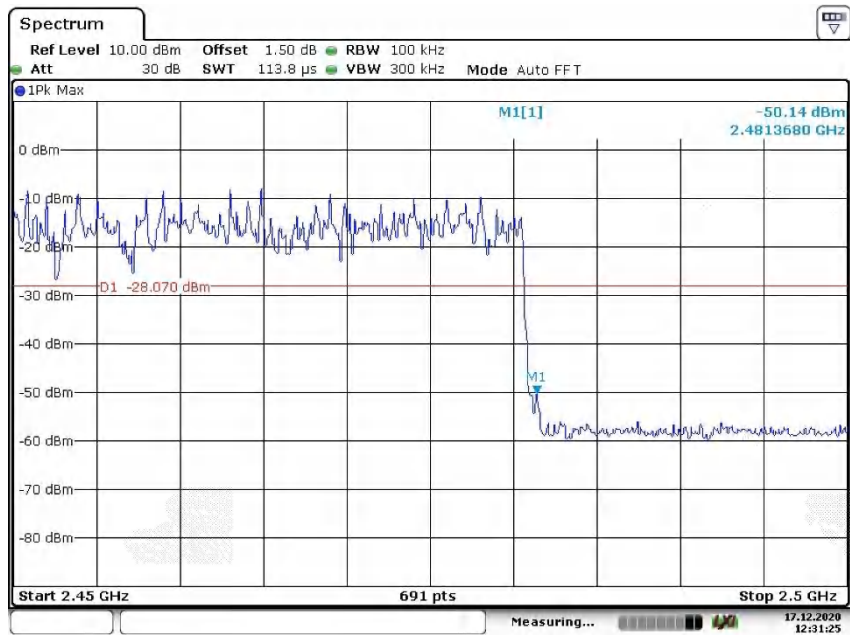


Date: 18.DEC.2020 03:04:10

EDR mode (8DPSK), Band Edge, Hopping Mode



Date: 17.DEC.2020 12:13:47



Date: 17.DEC.2020 12:31:26

Note: 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. This testing was carried out on all operation modes, but only the worst case(BDR mode) was presented.

Appendix B.3: Test Results of Radiated Spurious Emissions

30MHz - 1GHz

Left earphone

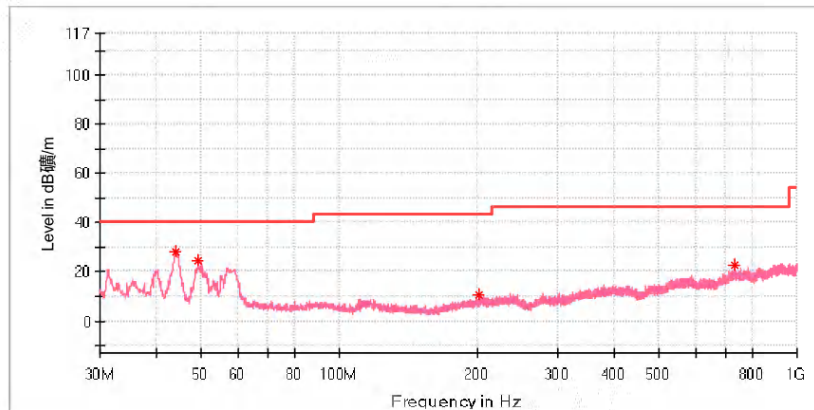
EMI Auto Test(2)

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Test Report

EUT Information

EUT Name:	Wireless Earphone
Model:	TWSEBWHV2PRM
Test Mode:	BT_DH5_Low channel
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
44.016500	28.36	---	40.00	11.64	100.0	V	103.0	-19.3
49.060500	24.32	---	40.00	15.68	100.0	V	313.0	-18.6
201.738500	10.40	---	43.50	33.10	100.0	V	160.0	-19.3
728.545500	22.41	---	46.00	23.59	100.0	V	83.0	-7.9

Final Result

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

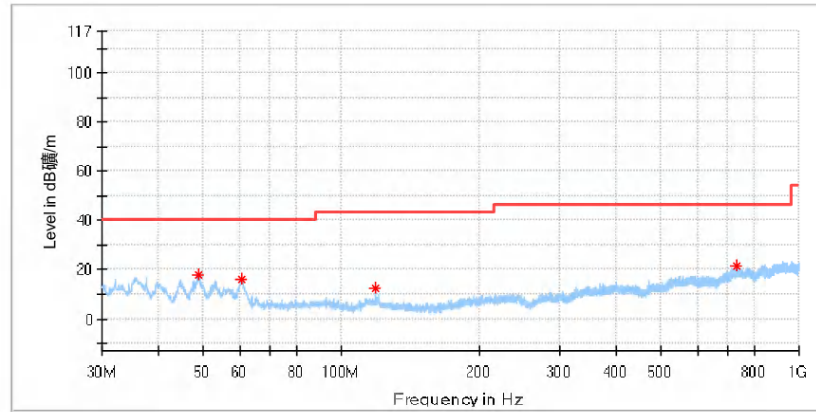
EMI Auto Test(2)

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Test Report

EUT Information

EUT Name:	Wireless Earphone
Model:	TWSEBWHV2PRM
Test Mode:	BT_DH5_Low channel
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
48.672500	17.85	---	40.00	22.15	100.0	H	0.0	-18.7
60.458000	16.01	---	40.00	23.99	100.0	H	324.0	-19.4
118.755000	12.16	---	43.50	31.34	100.0	H	343.0	-20.8
729.176000	21.69	---	46.00	24.31	100.0	H	333.0	-7.9

Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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23/12/2020

8:23:11 PM

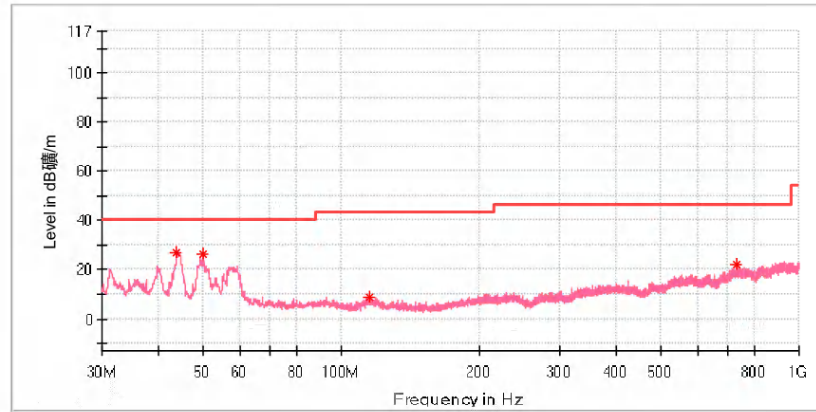
EMI Auto Test(2)

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Test Report

EUT Information

EUT Name:	Wireless Earphone
Model:	TWSEBWHV2PRM
Test Mode:	BT_DH5_High channel
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
43.725500	27.18	---	40.00	12.82	100.0	V	6.0	-19.4
49.933500	26.29	---	40.00	13.71	100.0	V	184.0	-18.6
115.602500	8.65	---	43.50	34.85	100.0	V	271.0	-20.2
728.545500	22.02	---	46.00	23.98	100.0	V	204.0	-7.9

Final Result

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

23/12/2020

8:23:11 PM

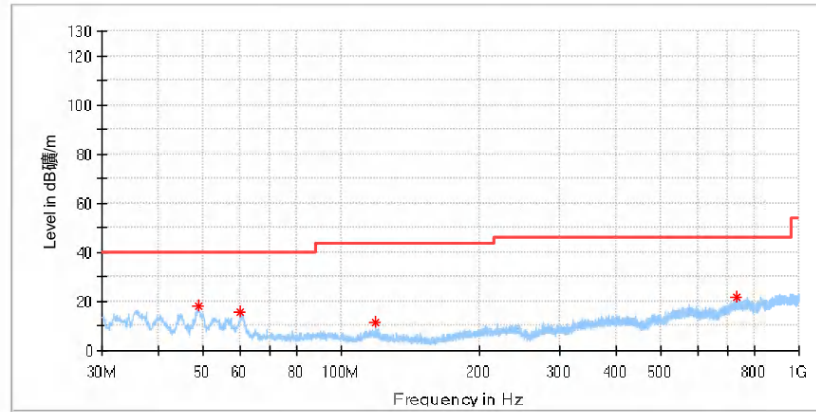
EMI Auto Test(2)

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Test Report

EUT Information

EUT Name:	Wireless Earphone
Model:	TWSEBWHV2PRM
Test Mode:	BT_DH5_High channel
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
48.769500	17.99	---	40.00	22.01	100.0	H	230.0	-18.6
60.264000	15.72	---	40.00	24.28	100.0	H	240.0	-19.4
118.755000	11.55	---	43.50	31.95	100.0	H	196.0	-20.8
728.836500	21.47	---	46.00	24.53	100.0	H	1.0	-7.9

Final Result

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

Right earphone

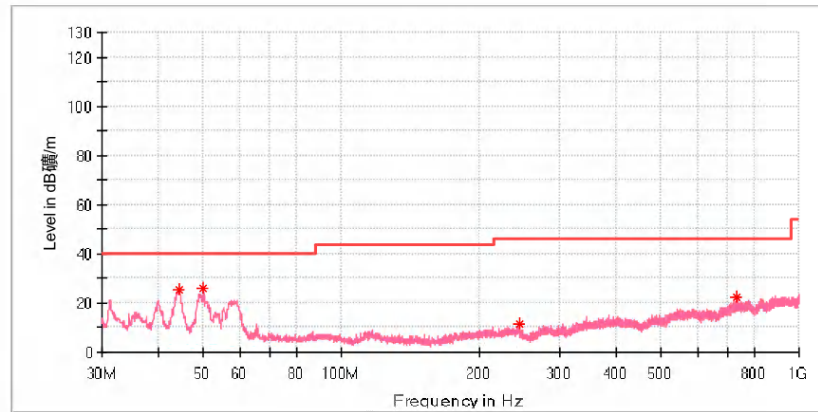
EMI Auto Test(2)

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Test Report

EUT Information

EUT Name:	Wireless Earphone
Model:	TWSEBWHV2PRM
Test Mode:	BT_DH5_Low channel
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
44.356000	25.20	---	40.00	14.80	100.0	V	124.0	-19.3
49.982000	25.89	---	40.00	14.11	100.0	V	314.0	-18.6
244.758000	11.29	---	46.00	34.71	100.0	V	0.0	-17.9
729.321500	22.61	---	46.00	23.39	100.0	V	201.0	-7.9

Final Result

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

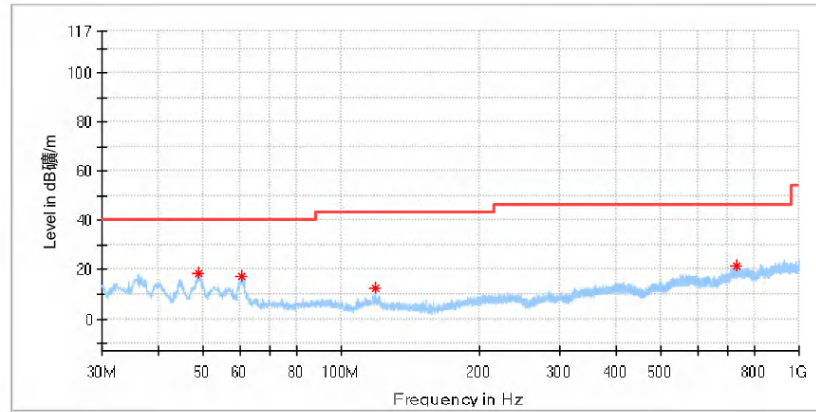
EMI Auto Test(2)

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Test Report

EUT Information

EUT Name:	Wireless Earphone
Model:	TWSEBWHV2PRM
Test Mode:	BT_DH5_Low channel
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
48.818000	18.62	---	40.00	21.38	100.0	H	220.0	-18.6
60.603500	17.01	---	40.00	22.99	100.0	H	339.0	-19.4
118.706500	12.18	---	43.50	31.32	100.0	H	142.0	-20.8
729.515500	21.23	---	46.00	24.77	100.0	H	2.0	-7.9

Final Result

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

23/12/2020

8:19:47 PM

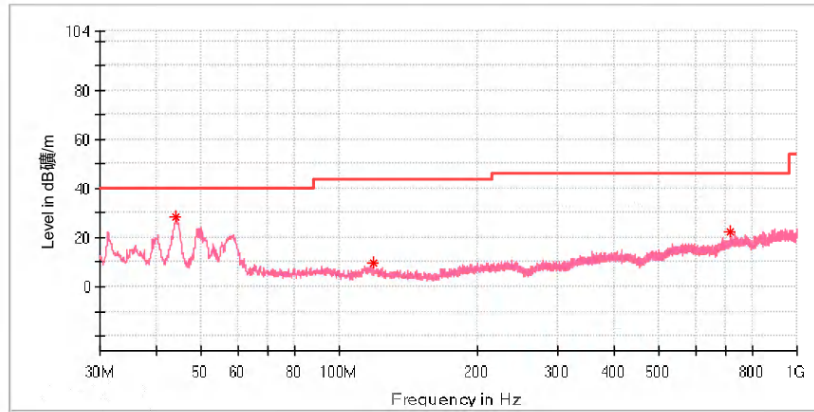
EMI Auto Test(2)

3 / 4

Test Report

EUT Information

EUT Name:	Wireless Earphone
Model:	TWSEBWHV2PRM
Test Mode:	BT_DH5_High channel
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
44.065000	28.41	---	40.00	11.59	100.0	V	0.0	-19.3
118.706500	9.44	---	43.50	34.06	100.0	V	193.0	-20.8
716.566000	22.26	---	46.00	23.74	100.0	V	107.0	-8.1

Final Result

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

23/12/2020

8:19:47 PM

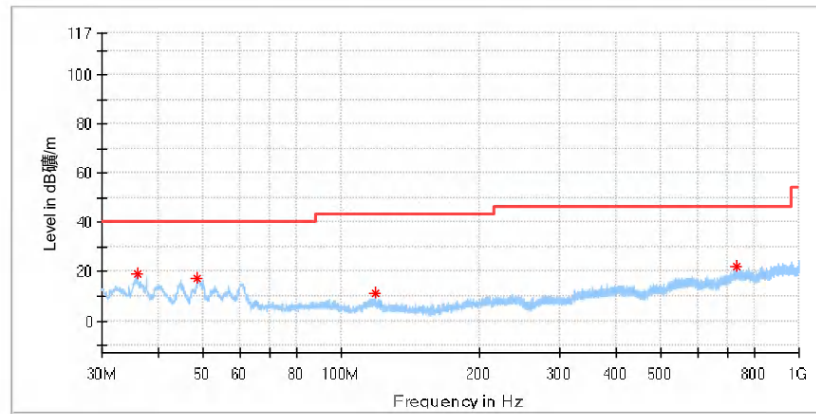
EMI Auto Test(2)

4 / 4

Test Report

EUT Information

EUT Name:	Wireless Earphone
Model:	TWSEBWHV2PRM
Test Mode:	BT_DH5_High channel
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
35.820000	19.33	---	40.00	20.67	100.0	H	159.0	-21.9
48.333000	16.97	---	40.00	23.03	100.0	H	236.0	-18.7
118.706500	11.39	---	43.50	32.11	100.0	H	328.0	-20.8
732.813500	21.78	---	46.00	24.22	100.0	H	236.0	-7.9

Final Result

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

1GHz - 18GHz
Left earphone

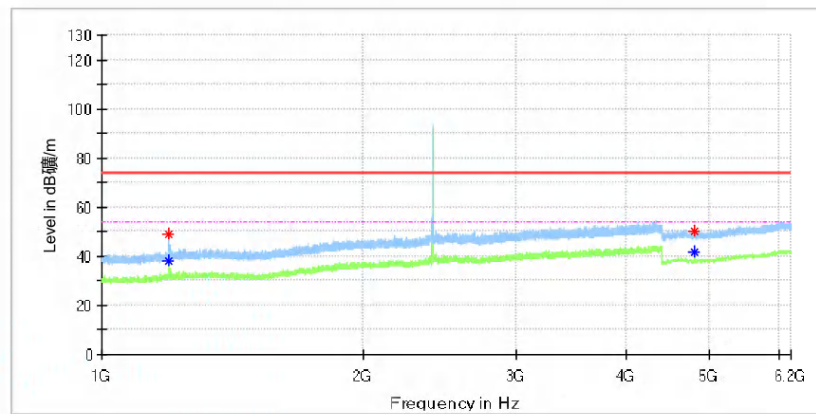
EMI Auto Test(2)

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Test Report

EUT Information

EUT Name:	Wireless Earphone
Model:	TWSEBWHV2PRM
Test Mode:	BT_DH5_Low channel
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1195.500000	---	38.20	54.00	15.80	100.0	H	181.0	1.1
1195.500000	48.74	---	74.00	25.26	100.0	H	181.0	1.1
4801.500000	50.28	---	74.00	23.72	100.0	H	14.0	11.8
4803.500000	---	41.79	54.00	12.21	100.0	H	50.0	11.8

Final Result

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

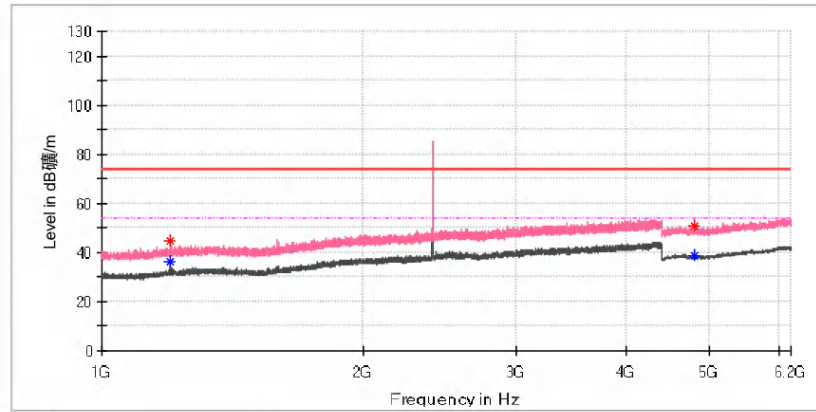
EMI Auto Test(2)

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Test Report

EUT Information

EUT Name:	Wireless Earphone
Model:	TWSEBWHV2PRM
Test Mode:	BT_DH5_Low channel
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1196.350000	44.59	---	74.00	29.41	100.0	V	0.0	1.1
1199.240000	---	36.03	54.00	17.97	100.0	V	0.0	1.1
4800.500000	50.83	---	74.00	23.17	100.0	V	101.0	11.8
4806.000000	---	38.74	54.00	15.26	100.0	V	136.0	11.8

Final Result

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

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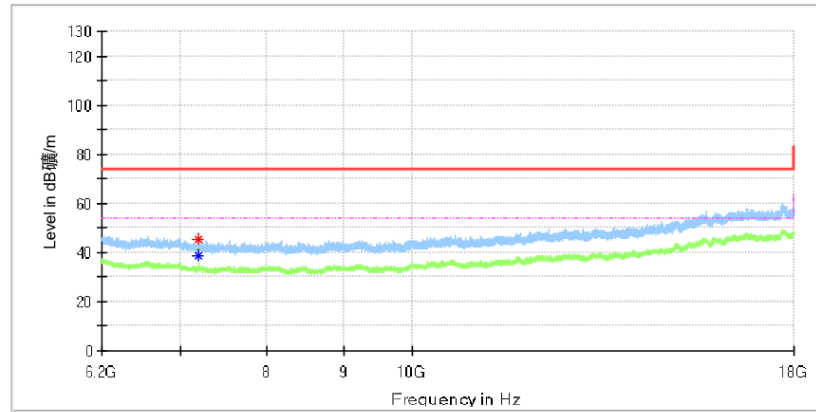
EMI Auto Test(2)

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Test Report

EUT Information

EUT Name:	Wireless Earphone
Model:	TWSEBWHV2PRM
Test Mode:	BT_DH5_Low channel
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7199.558333	45.61	---	74.00	28.39	100.0	H	254.0	8.8
7199.558333	---	38.81	54.00	15.19	100.0	H	254.0	8.8

Final Result

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

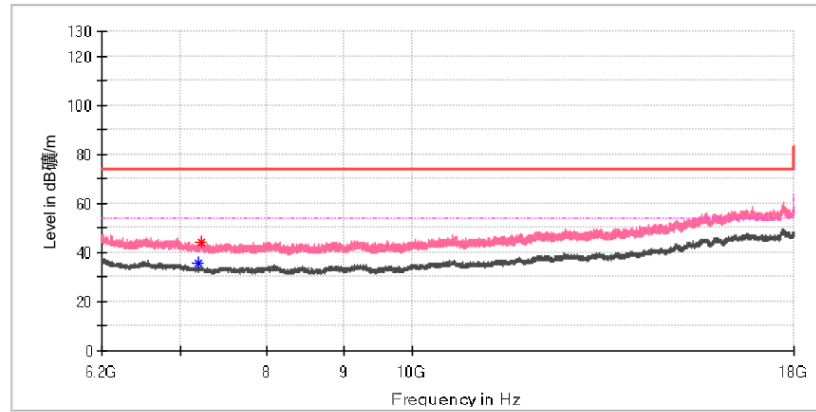
EMI Auto Test(2)

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Test Report

EUT Information

EUT Name:	Wireless Earphone
Model:	TWSEBWHV2PRM
Test Mode:	BT_DH5_Low channel
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7200.050000	---	35.73	54.00	18.27	100.0	V	160.0	8.8
7221.191667	44.10	---	74.00	29.90	100.0	V	298.0	8.7

Final Result

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

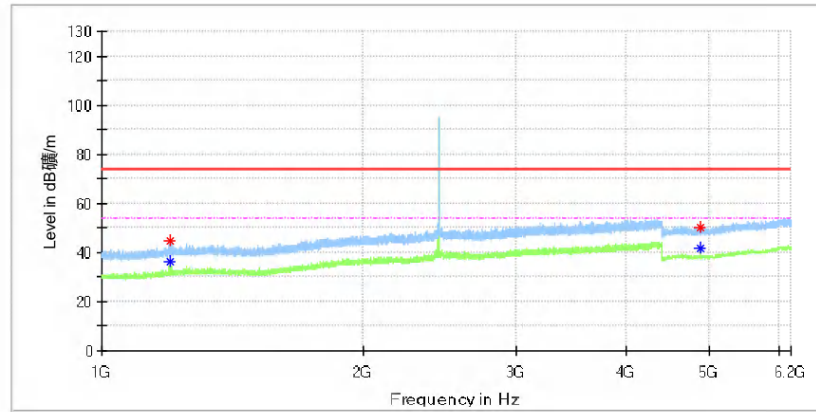
EMI Auto Test(2)

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Test Report

EUT Information

EUT Name:	Wireless Earphone
Model:	TWSEBWHV2PRM
Test Mode:	BT_DH5_Mid channel
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1198.730000	---	36.48	54.00	17.52	100.0	H	117.0	1.1
1198.730000	44.49	---	74.00	29.51	100.0	H	117.0	1.1
4881.500000	---	41.46	54.00	12.54	100.0	H	26.0	11.8
4882.000000	49.91	---	74.00	24.09	100.0	H	213.0	11.8

Final Result

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

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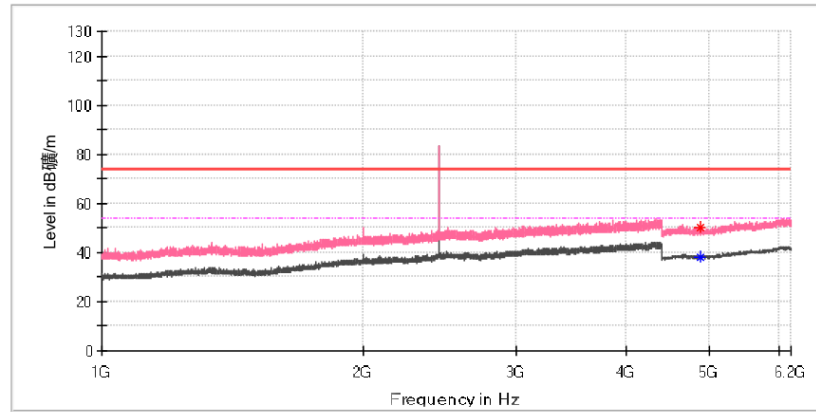
EMI Auto Test(2)

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Test Report

EUT Information

EUT Name:	Wireless Earphone
Model:	TWSEBWHV2PRM
Test Mode:	BT_DH5_Mid channel
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4879.000000	---	38.19	54.00	15.81	100.0	V	230.0	11.8
4883.500000	50.00	---	74.00	24.00	100.0	V	90.0	11.8

Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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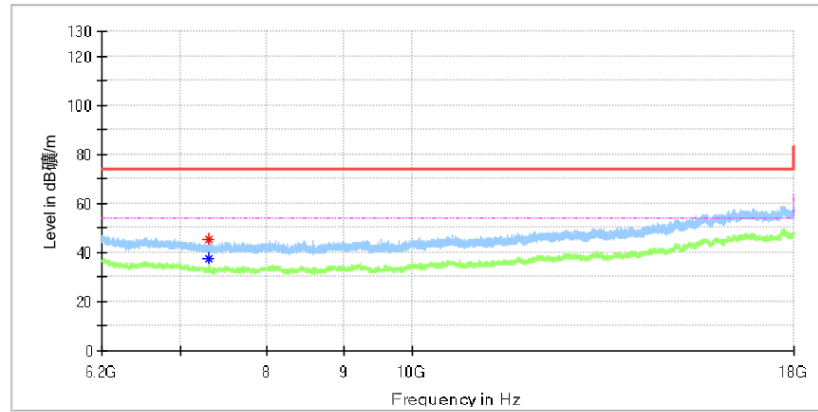
EMI Auto Test(2)

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Test Report

EUT Information

EUT Name:	Wireless Earphone
Model:	TWSEBWHV2PRM
Test Mode:	BT_DH5_Mid channel
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7316.575000	---	37.51	54.00	16.49	100.0	H	0.0	8.2
7317.066667	45.18	---	74.00	28.82	100.0	H	357.0	8.2

Final Result

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

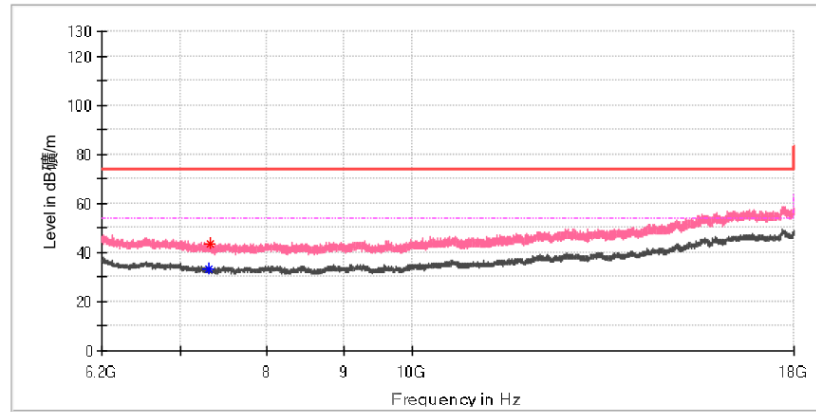
EMI Auto Test(2)

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Test Report

EUT Information

EUT Name:	Wireless Earphone
Model:	TWSEBWHV2PRM
Test Mode:	BT_DH5_Mid channel
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7310.183333	---	33.55	54.00	20.45	100.0	V	85.0	8.2
7322.475000	43.35	---	74.00	30.65	100.0	V	325.0	8.2

Final Result

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

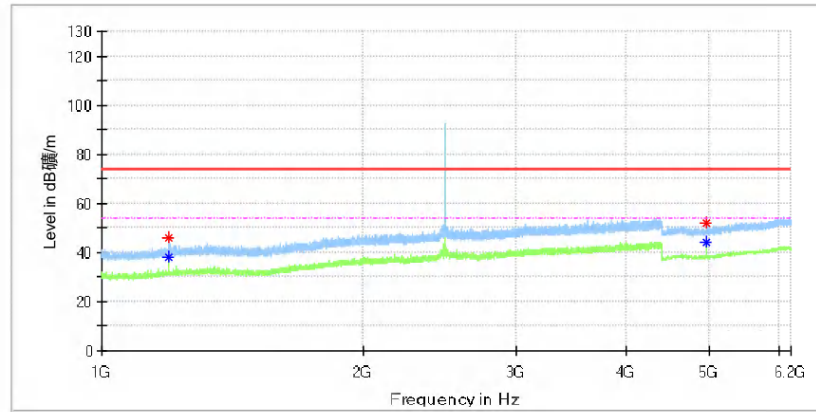
EMI Auto Test(2)

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Test Report

EUT Information

EUT Name:	Wireless Earphone
Model:	TWSEBWHV2PRM
Test Mode:	BT_DH5_High channel
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1195.670000	46.25	---	74.00	27.75	100.0	H	136.0	1.1
1195.670000	---	38.09	54.00	15.91	100.0	H	136.0	1.1
4959.500000	51.93	---	74.00	22.07	100.0	H	56.0	11.8
4960.000000	---	44.32	54.00	9.68	100.0	H	216.0	11.8

Final Result

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

23/12/2020

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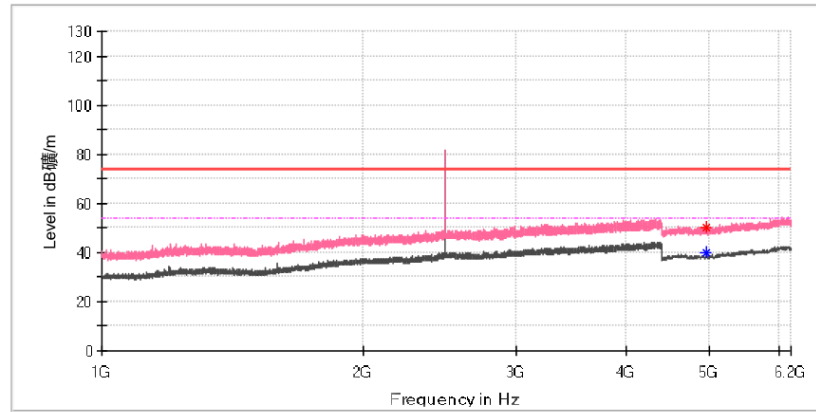
EMI Auto Test(2)

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Test Report

EUT Information

EUT Name:	Wireless Earphone
Model:	TWSEBWHV2PRM
Test Mode:	BT_DH5_High channel
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4951.000000	50.35	---	74.00	23.65	100.0	V	44.0	11.8
4959.500000	---	39.70	54.00	14.30	100.0	V	213.0	11.8

Final Result

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

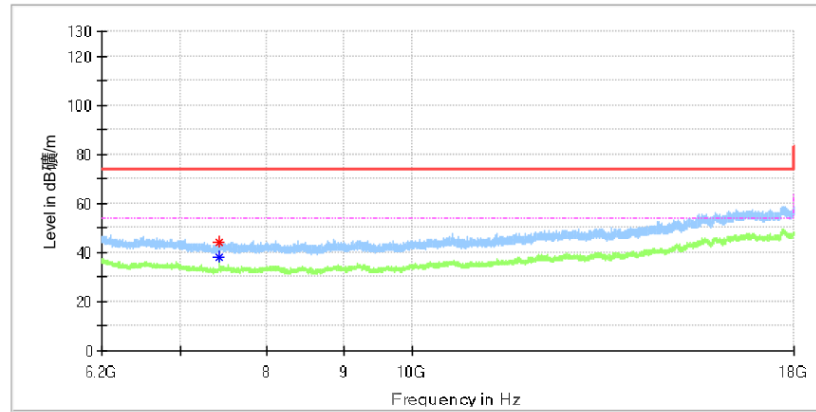
EMI Auto Test(2)

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Test Report

EUT Information

EUT Name:	Wireless Earphone
Model:	TWSEBWHV2PRM
Test Mode:	BT_DH5_High channel
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7433.591667	44.07	---	74.00	29.93	100.0	H	2.0	8.4
7433.591667	---	38.32	54.00	15.68	100.0	H	2.0	8.4

Final Result

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

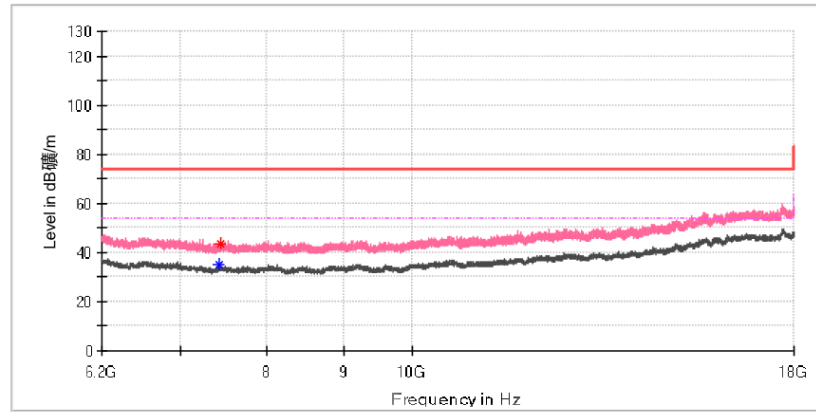
EMI Auto Test(2)

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Test Report

EUT Information

EUT Name:	Wireless Earphone
Model:	TWSEBWHV2PRM
Test Mode:	BT_DH5_High channel
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7433.591667	---	35.03	54.00	18.97	100.0	V	264.0	8.4
7439.983333	43.60	---	74.00	30.40	100.0	V	278.0	8.4

Final Result

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

Right earphone

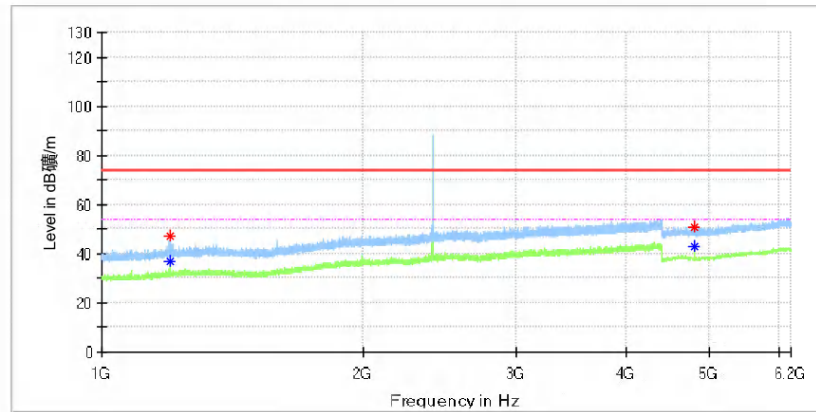
EMI Auto Test(2)

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Test Report

EUT Information

EUT Name:	Wireless Earphone
Model:	TWSEBWHV2PRM
Test Mode:	BT_DH5_Low channel
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1197.200000	46.88	---	74.00	27.12	100.0	H	165.0	1.1
1200.090000	---	36.86	54.00	17.14	100.0	H	165.0	1.1
4801.000000	---	43.00	54.00	11.00	100.0	H	155.0	11.8
4803.000000	50.53	---	74.00	23.47	100.0	H	125.0	11.8

Final Result

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

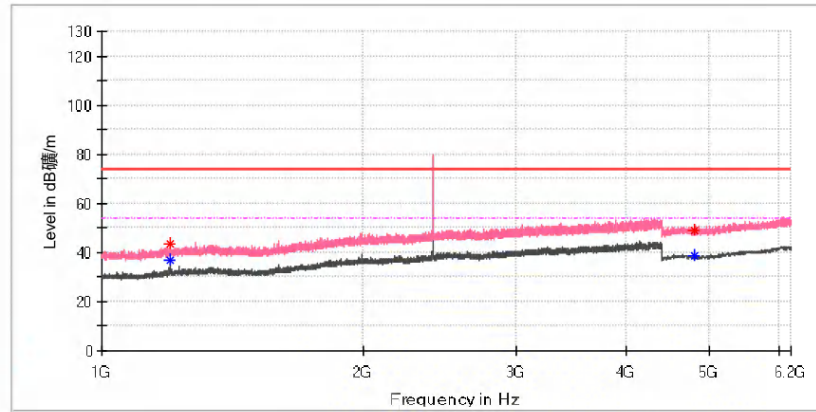
EMI Auto Test(2)

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Test Report

EUT Information

EUT Name:	Wireless Earphone
Model:	TWSEBWHV2PRM
Test Mode:	BT_DH5_Low channel
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1197.880000	43.25	---	74.00	30.75	100.0	V	306.0	1.1
1198.560000	---	37.14	54.00	16.86	100.0	V	0.0	1.1
4804.500000	---	38.58	54.00	15.43	100.0	V	2.0	11.8
4807.500000	49.26	---	74.00	24.74	100.0	V	86.0	11.8

Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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23/12/2020

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