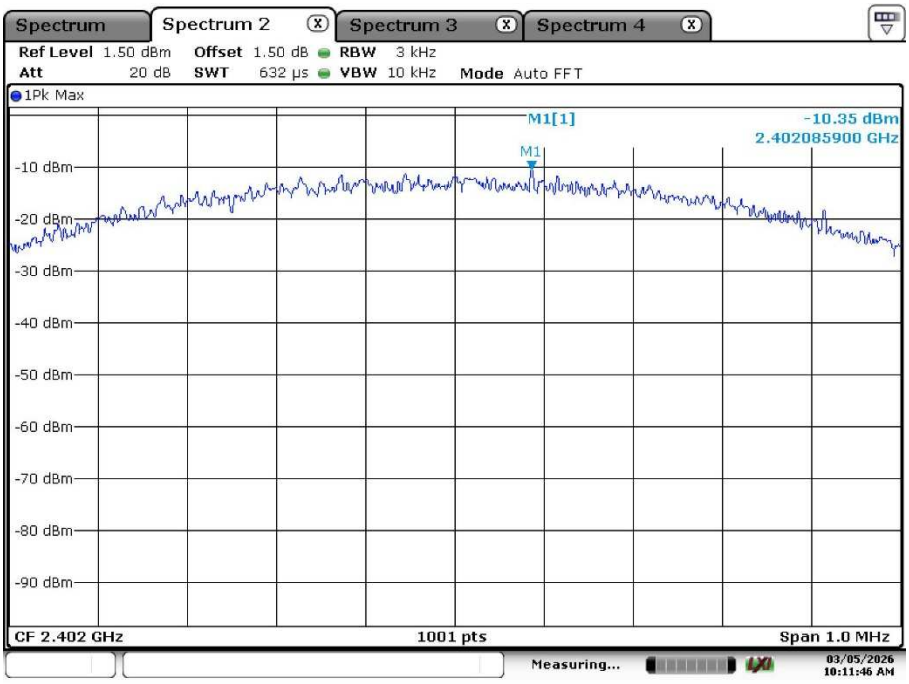
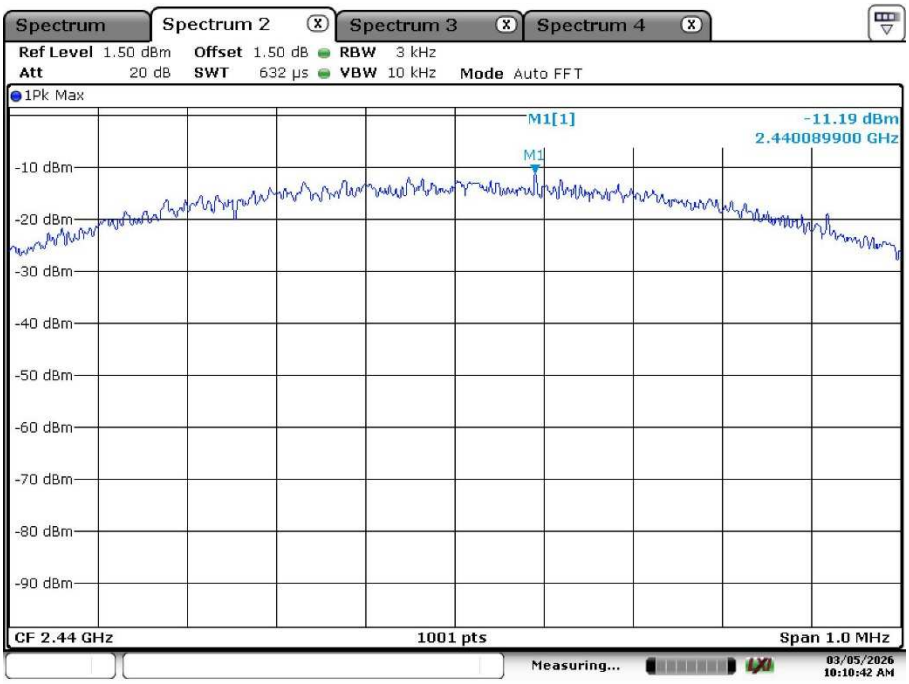
Appendix A: Test Results of Bluetooth LE (Subwoofer)

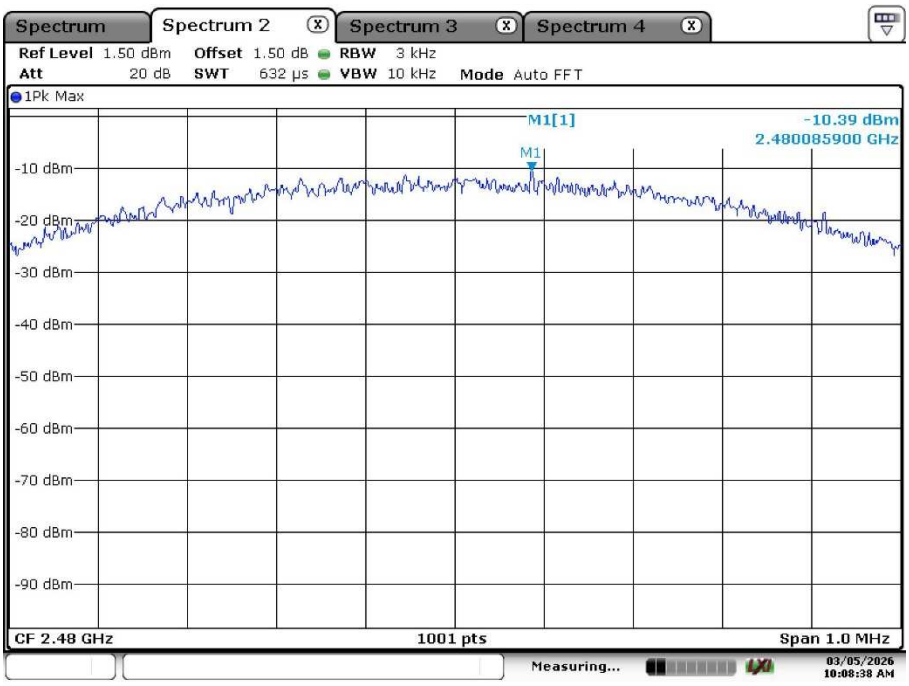
Appendix A.1: Test Results of Conducted Power Spectral Density



Date: 5.MAR.2026 10:11:46



Date: 5.MAR.2026 10:10:42


Spectrum
Spectrum 2
Spectrum 3
Spectrum 4
Ref Level 1.50 dBm
Offset 1.50 dB
RBW 3 kHz
Att 20 dB
SWT 632 µs
VBW 10 kHz
Mode Auto FFT
1Pk Max
M1[1]
-10.39 dBm
2.480085900 GHz
M1
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
-80 dBm
-90 dBm
CF 2.48 GHz
1001 pts
Span 1.0 MHz
Measuring...
03/05/2026
10:08:38 AM
Date: 5.MAR.2026 10:08:37

Appendix A.2: Test Results of 6dB Bandwidth

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

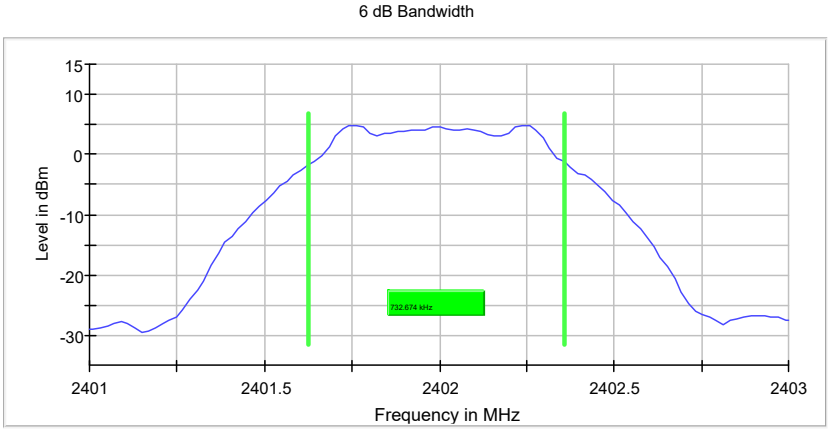
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04

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	4.8	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40100 GHz	2.40100 GHz
Stop Frequency	2.40300 GHz	2.40300 GHz
Span	2.000 MHz	2.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 40
Sweeptime	18.938 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	10 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.13 dB	0.50 dB

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

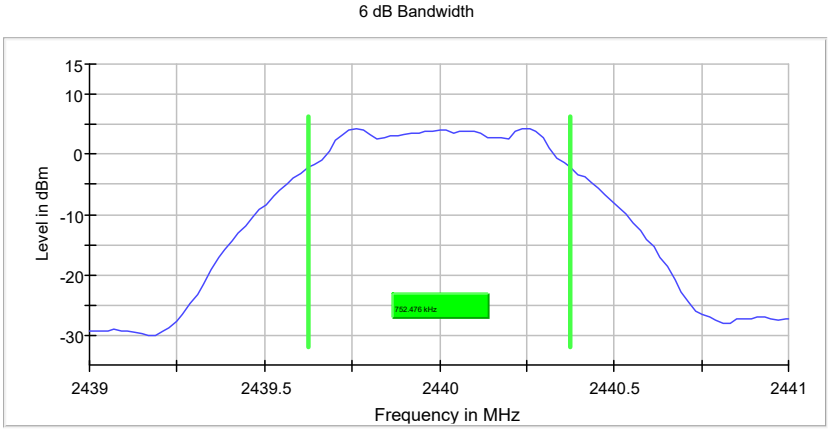
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04

6 dB Bandwidth

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

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2440.000000	4.3	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.43900 GHz	2.43900 GHz
Stop Frequency	2.44100 GHz	2.44100 GHz
Span	2.000 MHz	2.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 40
Sweeptime	18.938 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	10 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.02 dB	0.50 dB

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

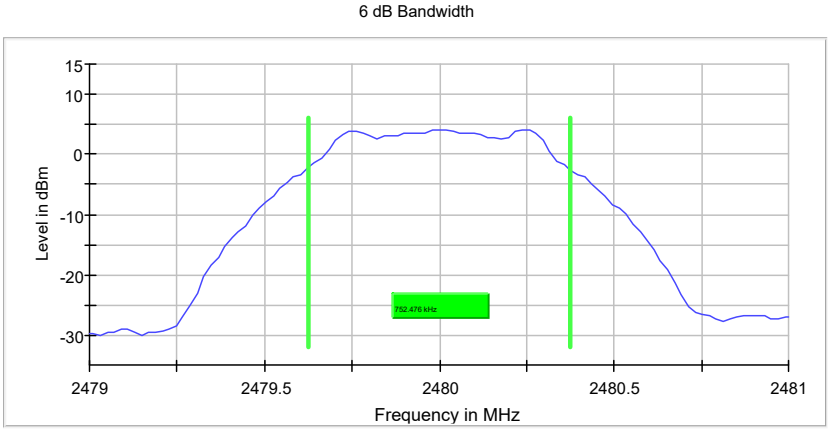
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04

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 ...)

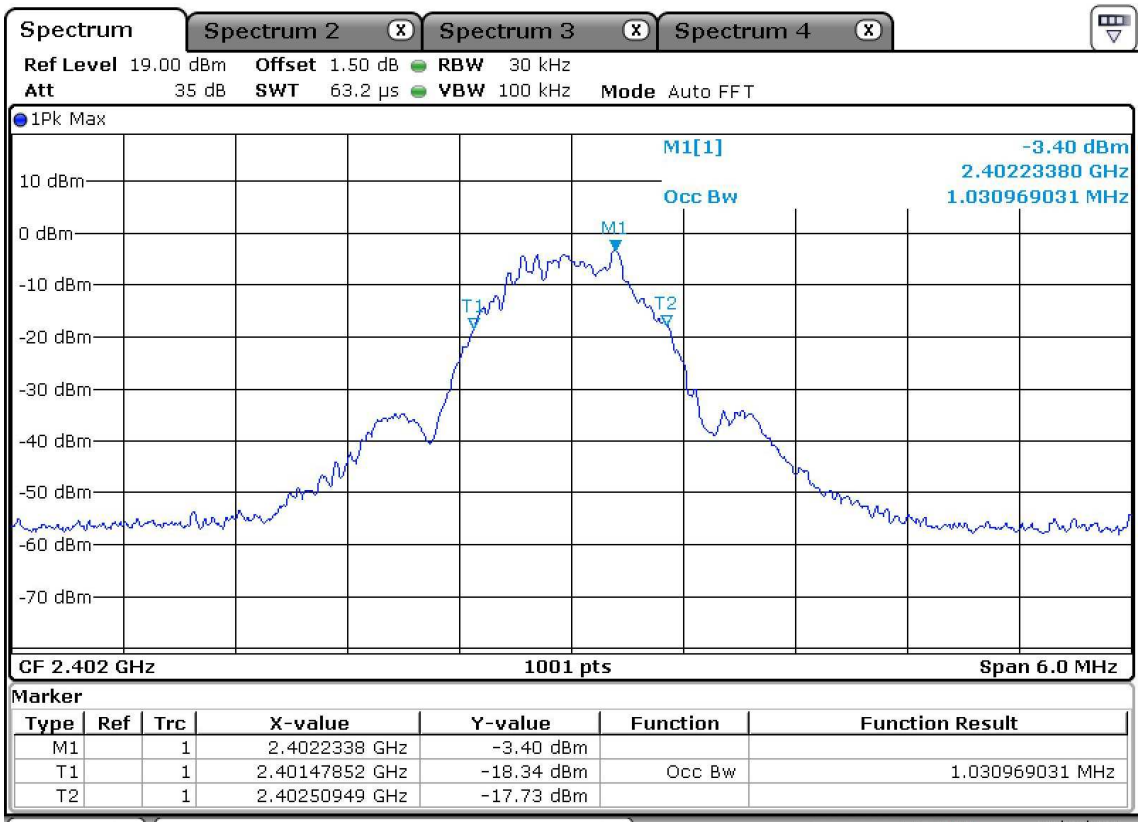
DUT Frequency (MHz)	Max Level (dBm)	Result
2480.000000	4.2	PASS

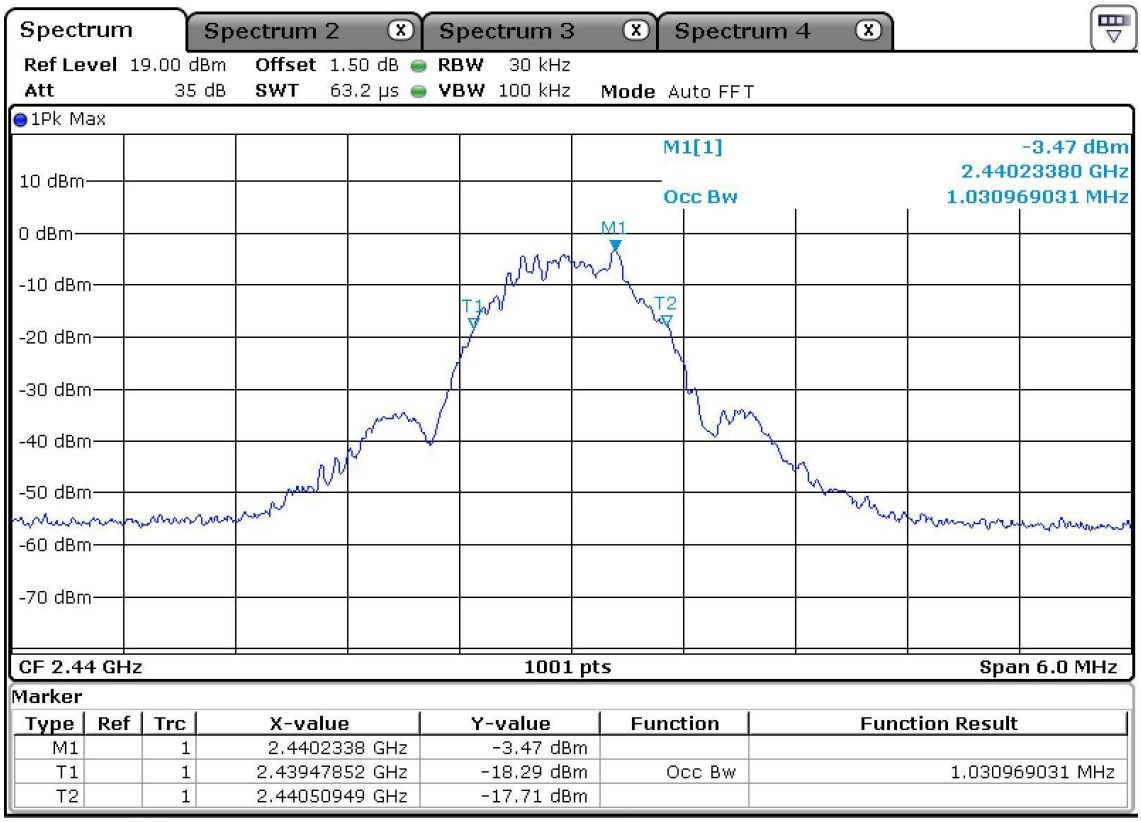


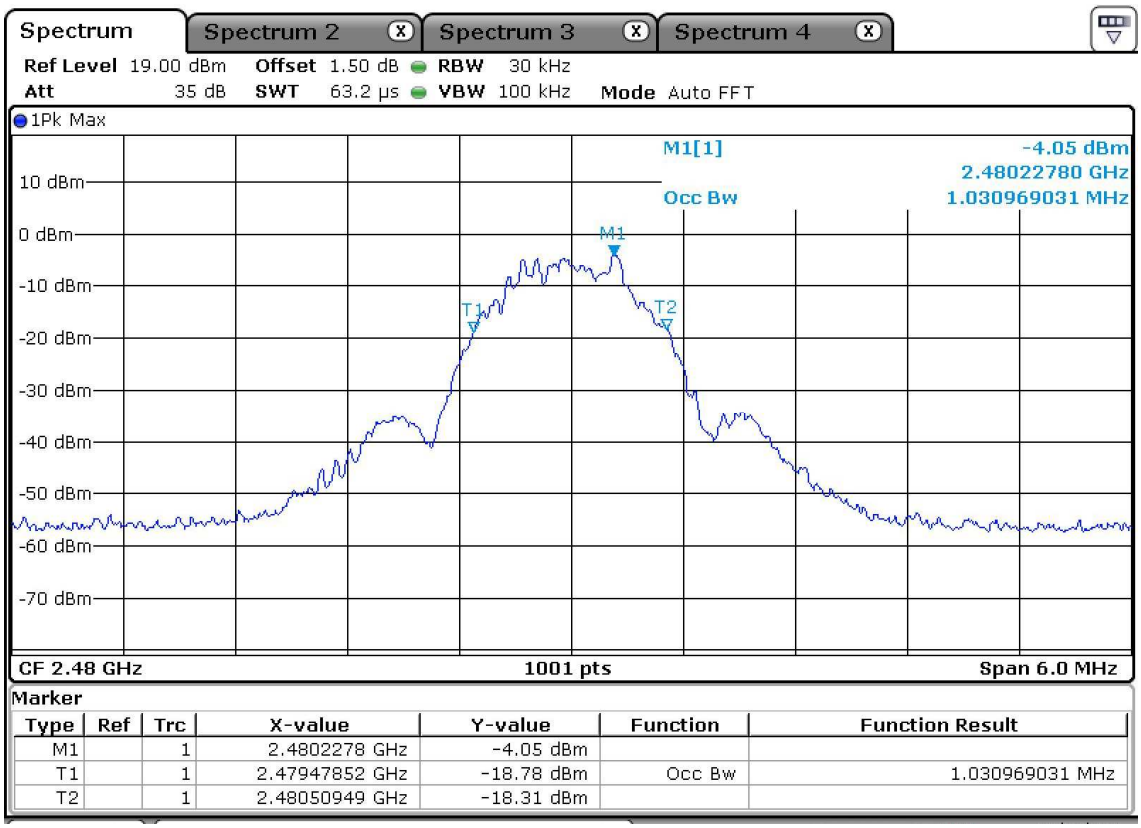
Measurement

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	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	7 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.18 dB	0.50 dB

Appendix A.3: Test Results of 99% Bandwidth





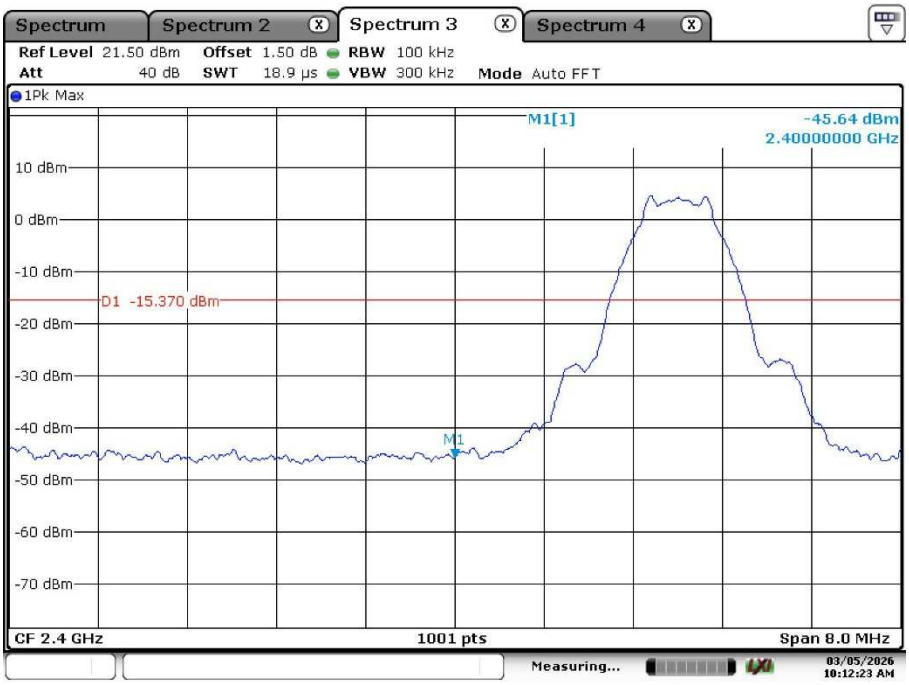


Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4802278 GHz	-4.05 dBm		
T1		1	2.47947852 GHz	-18.78 dBm	Occ Bw	1.030969031 MHz
T2		1	2.48050949 GHz	-18.31 dBm		

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

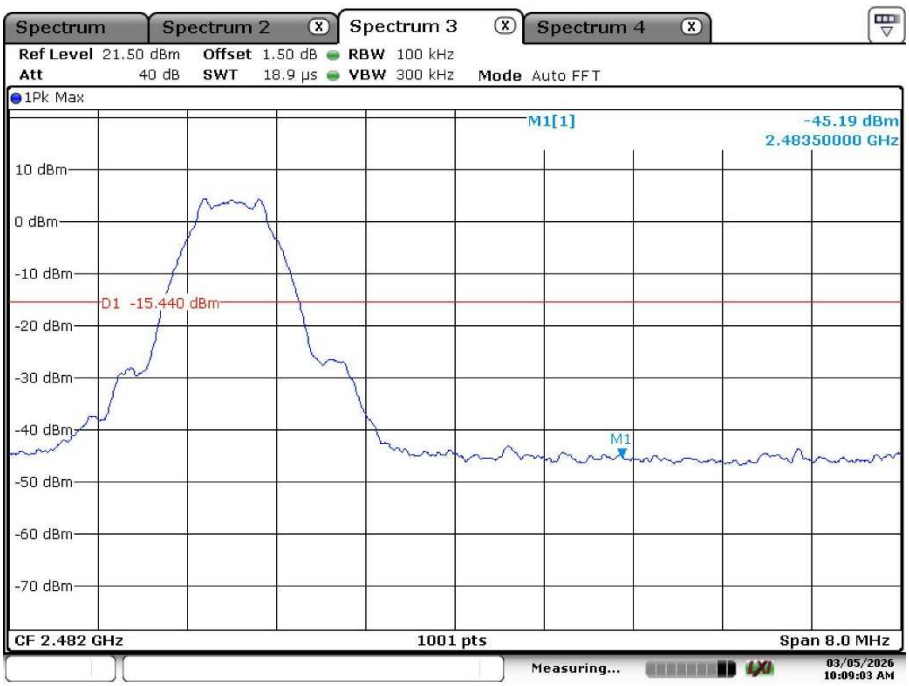
Band Edge

Low Channel:



Date: 5.MAR.2026 10:12:23

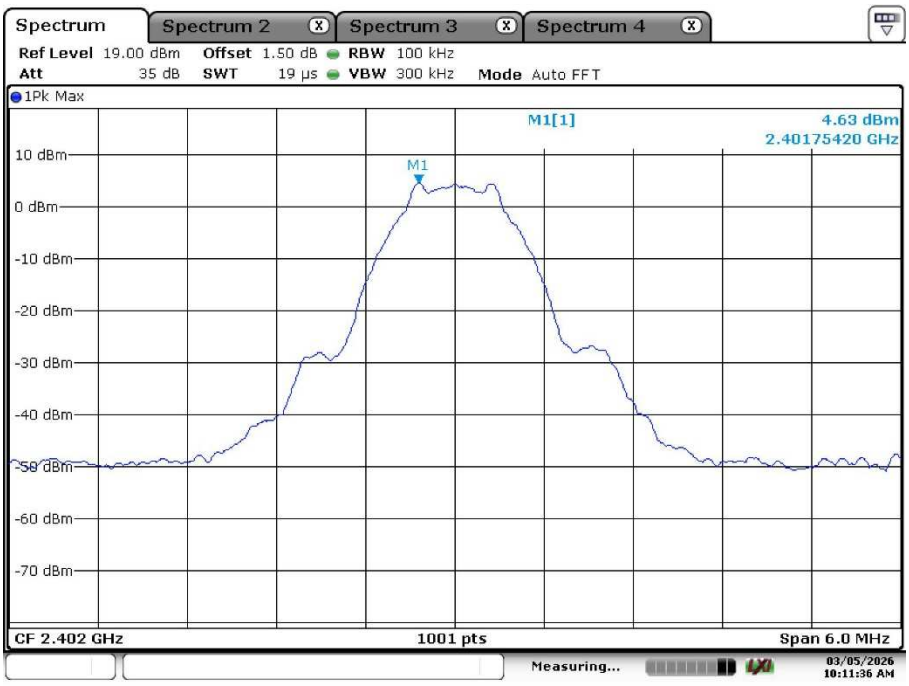
High Channel:



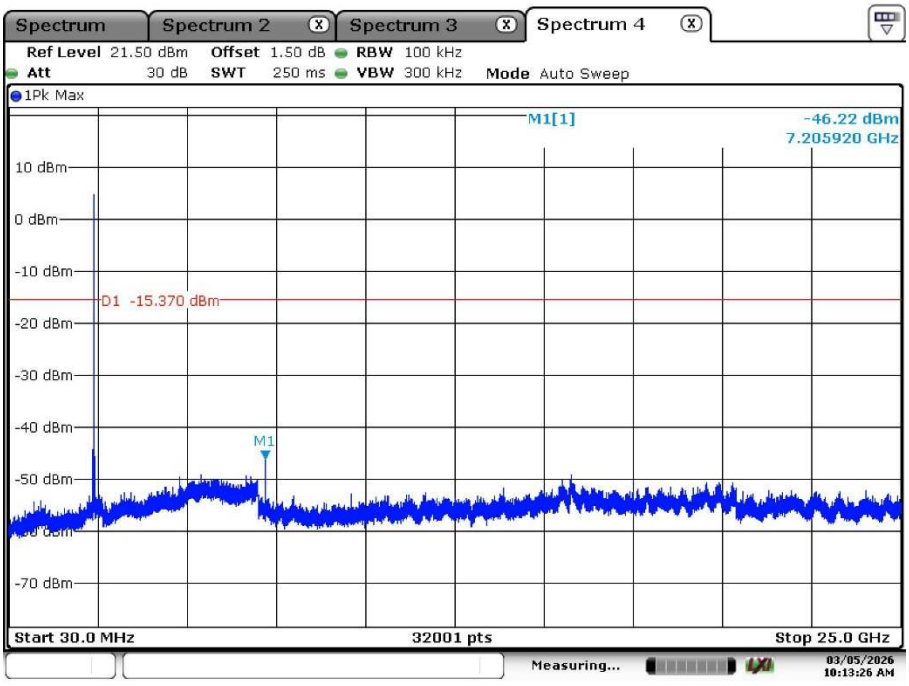
Date: 5.MAR.2026 10:09:03

Conducted Spurious Emission

Low Channel:

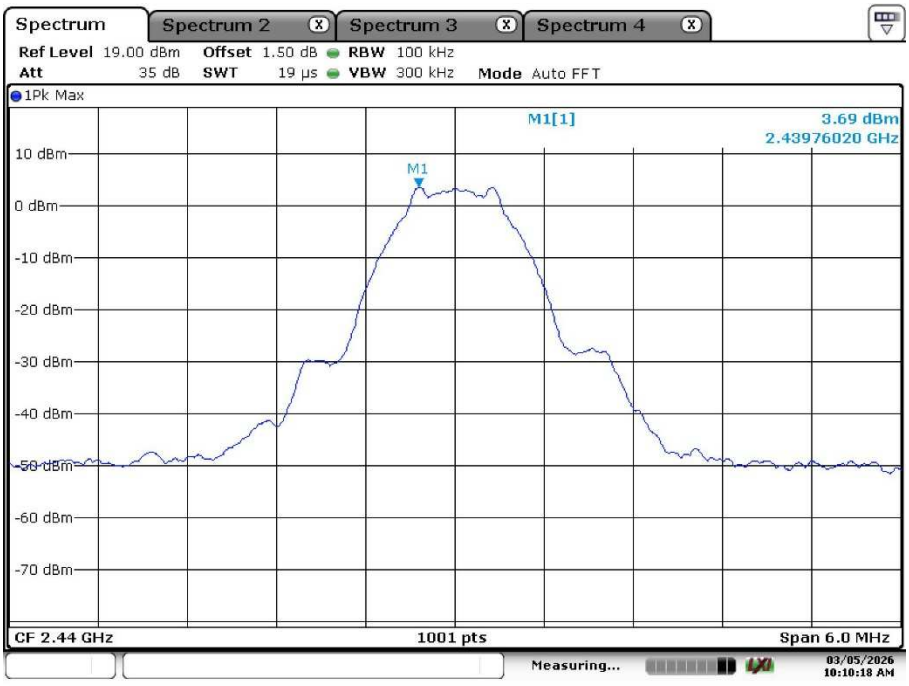


Date: 5.MAR.2026 10:11:36

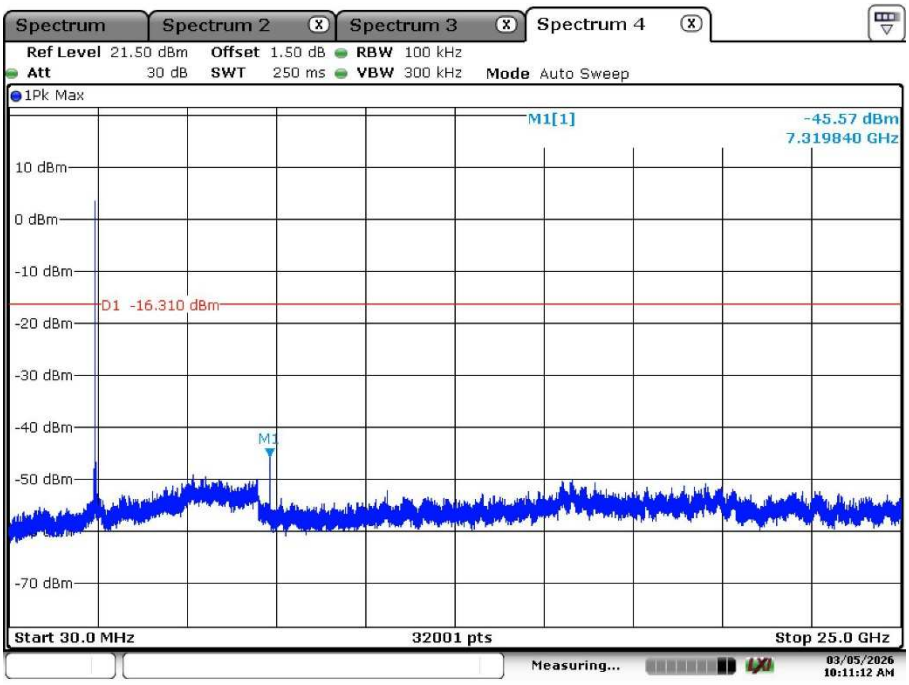


Date: 5.MAR.2026 10:13:26

Middle Channel:

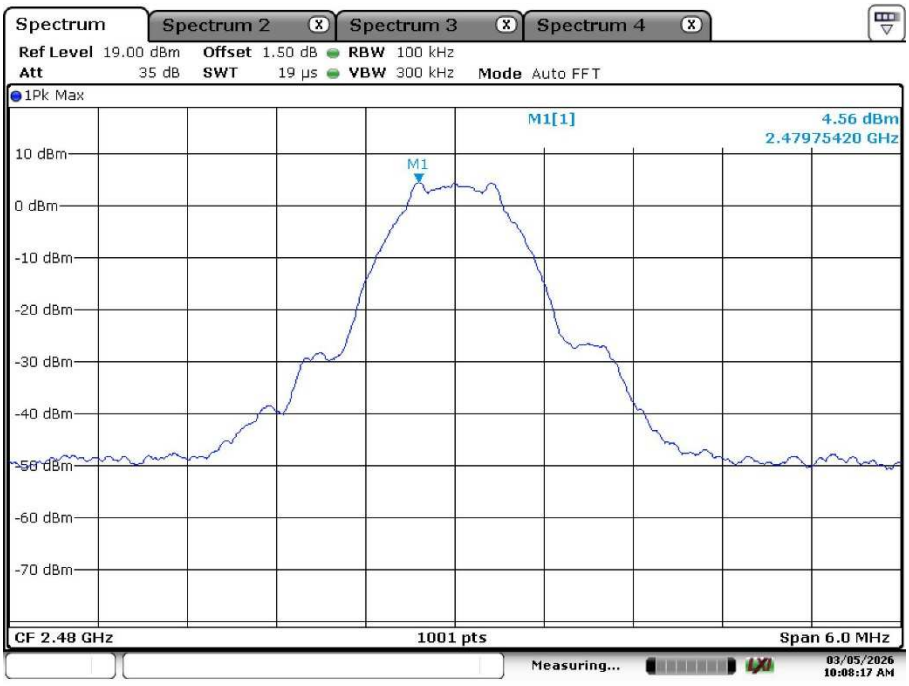


Date: 5.MAR.2026 10:10:18

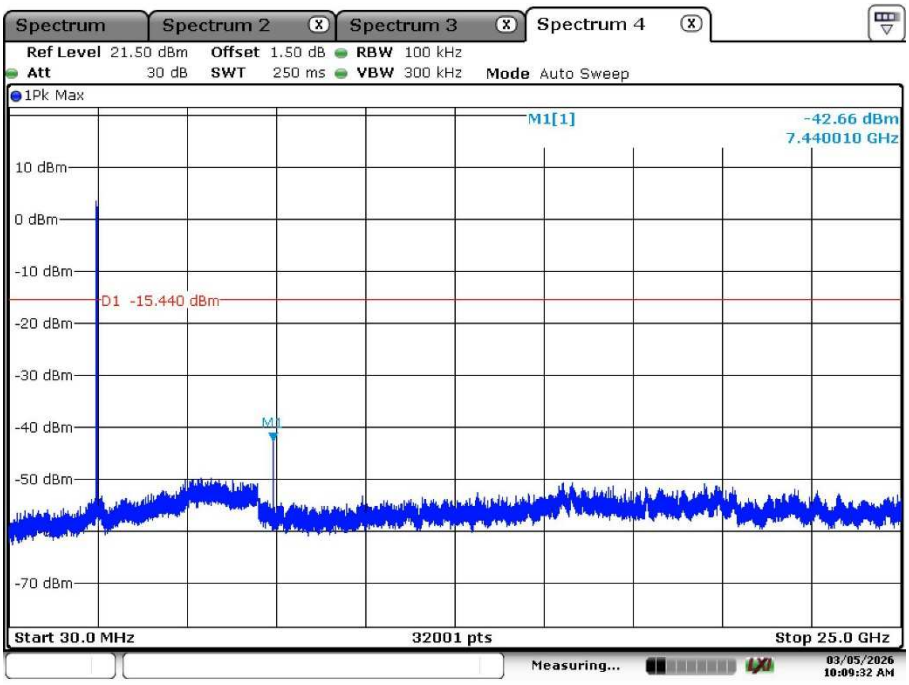


Date: 5.MAR.2026 10:11:12

High Channel:



Date: 5.MAR.2026 10:08:17



Date: 5.MAR.2026 10:09:32

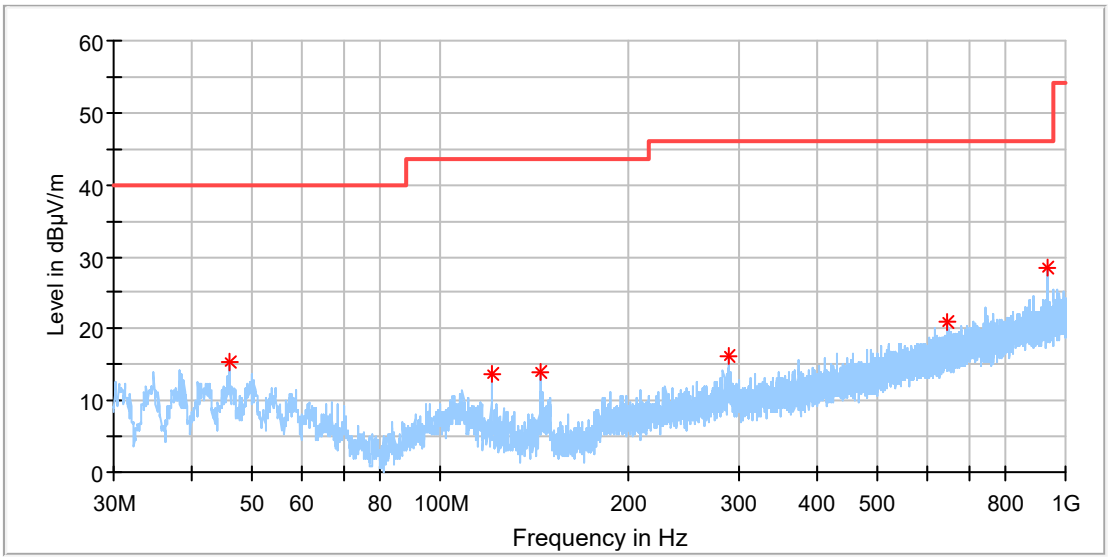
Appendix A.5: Test Results of Radiated Spurious Emissions

Note:
1) This testing was carried out on different modulations, but only the worst case was presented in this report.
2) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30 MHz - 1GHz

EUT Information

EUT Name:	Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

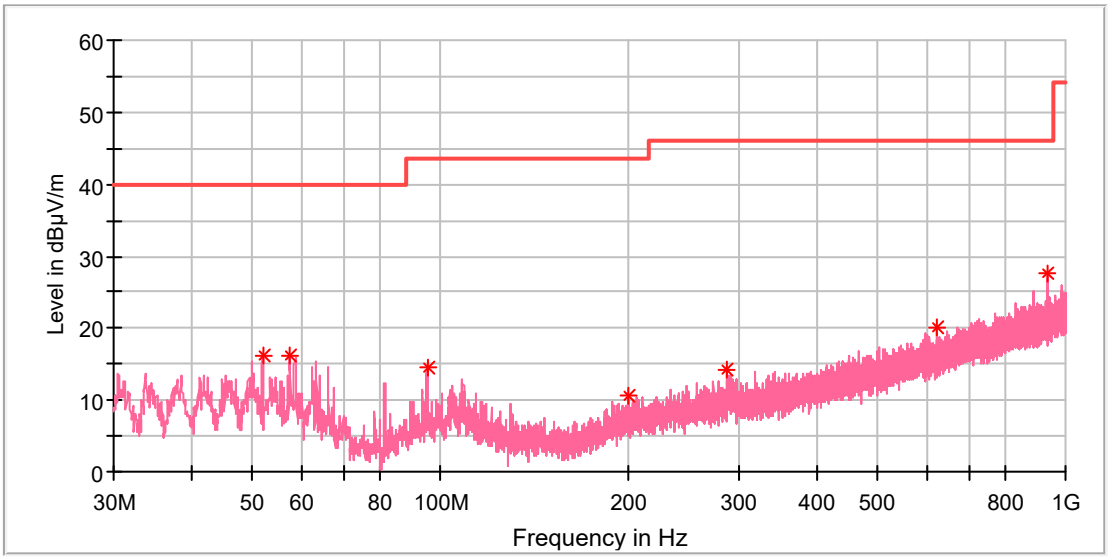
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
46.112778	15.39	40.00	24.61	100.0	H	301.0	-18.8
120.856667	13.66	43.50	29.84	100.0	H	62.0	-21.0
144.298333	14.05	43.50	29.45	100.0	H	87.0	-22.4
288.397222	16.27	46.00	29.73	100.0	H	159.0	-16.6
649.291111	21.05	46.00	24.95	100.0	H	112.0	-8.9
938.405000	28.38	46.00	17.62	100.0	H	175.0	-4.4

Final_Result

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

EUT Information

EUT Name:	Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
52.040556	16.16	40.00	23.84	100.0	V	331.0	-18.4
57.537222	16.24	40.00	23.76	100.0	V	186.0	-18.8
95.313333	14.40	43.50	29.10	100.0	V	293.0	-19.8
199.426667	10.71	43.50	32.79	100.0	V	285.0	-19.1
287.804444	14.10	46.00	31.90	100.0	V	220.0	-16.6
624.017222	20.15	46.00	25.85	100.0	V	338.0	-9.2
938.405000	27.59	46.00	18.41	100.0	V	358.0	-4.4

Final_Result

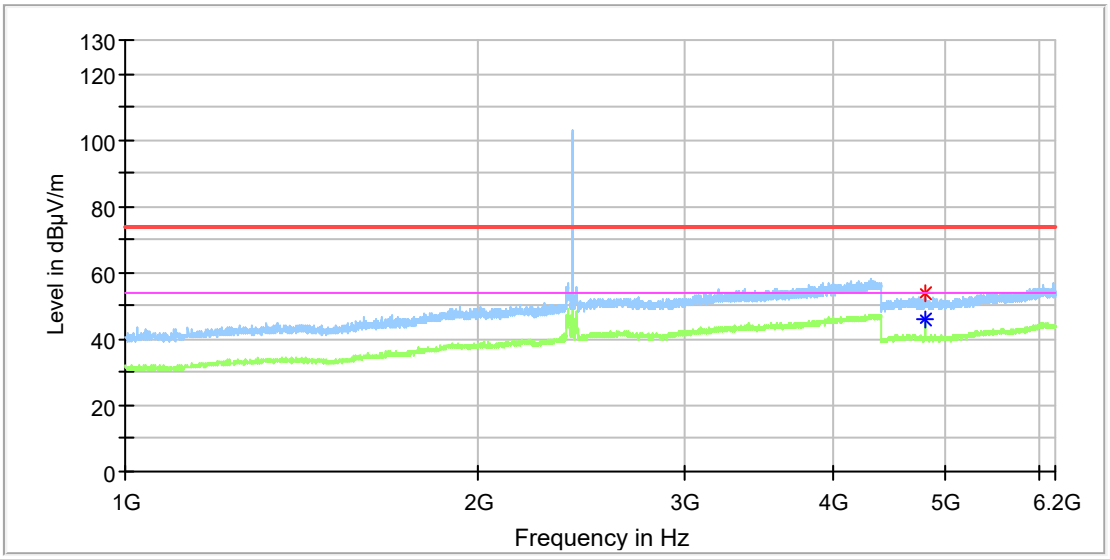
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

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

EUT Information

EUT Name:	Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

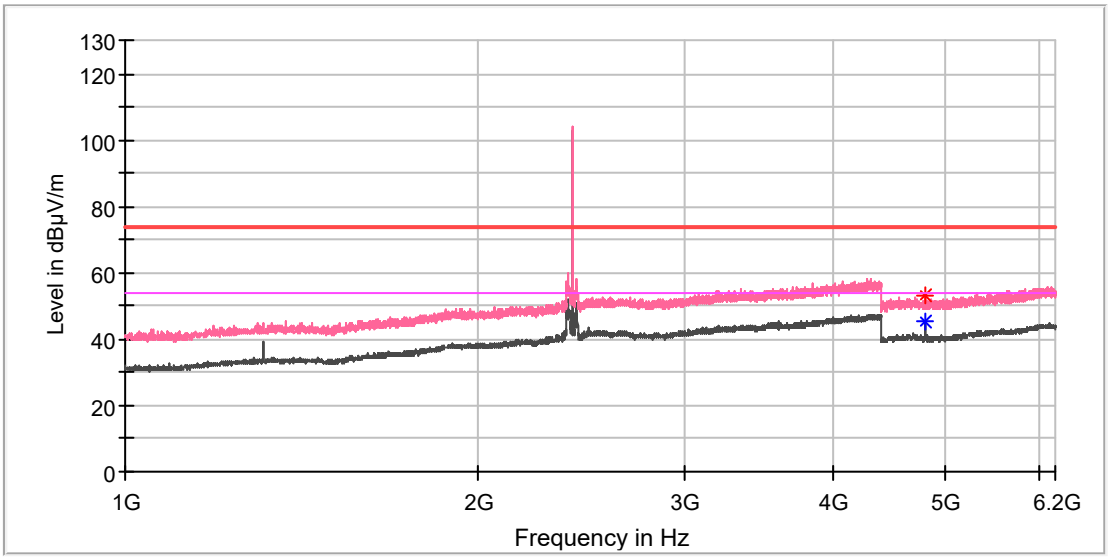
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4804.000000	53.79	---	74.00	20.21	150.0	H	241.0	13.3
4804.000000	---	45.79	54.00	8.21	150.0	H	241.0	13.3

Final_Result

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

EUT Information

EUT Name:	Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

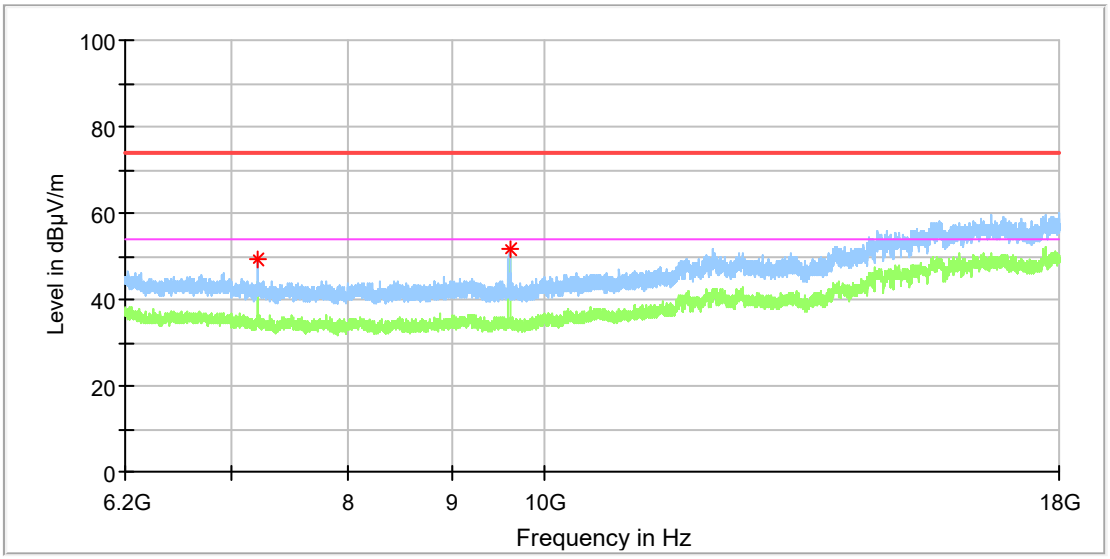
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4804.000000	52.92	---	74.00	21.08	150.0	V	325.0	13.3
4804.000000	---	45.47	54.00	8.53	150.0	V	325.0	13.3

Final_Result

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

EUT Information

EUT Name:	Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

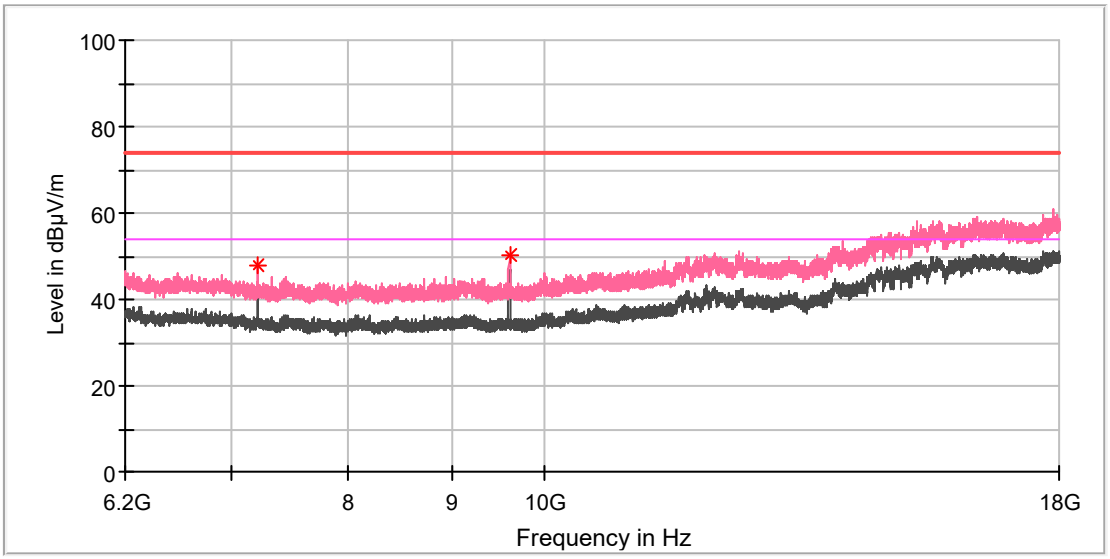
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7205.950000	49.07	---	68.20	19.13	150.0	H	258.0	8.8
9607.741667	51.60	---	68.20	16.60	150.0	H	327.0	10.4

Final_Result

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

EUT Information

EUT Name:	Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

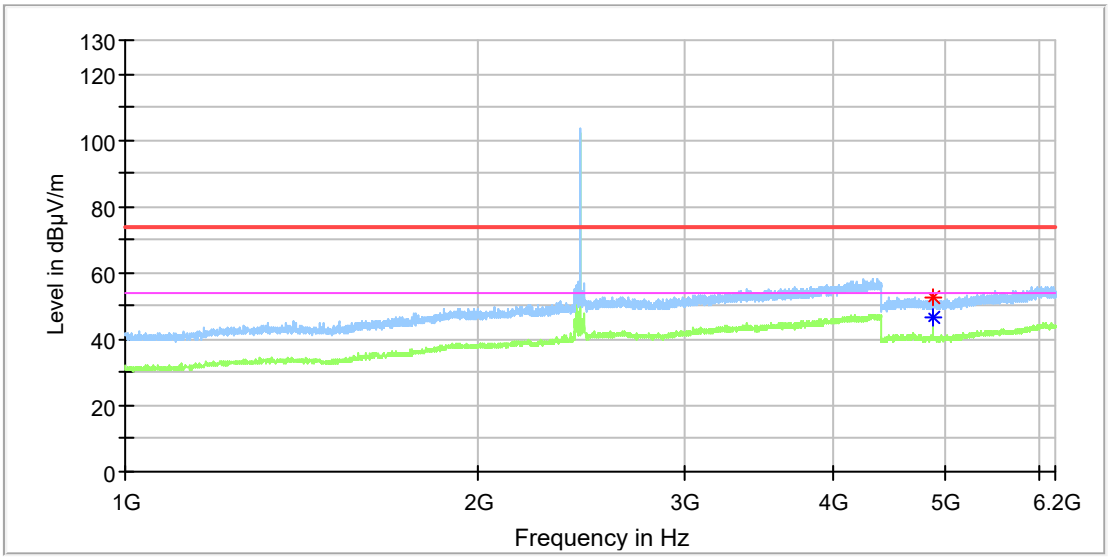
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7205.950000	47.68	---	68.20	20.52	150.0	V	359.0	8.8
9608.233333	50.26	---	68.20	17.94	150.0	V	353.0	10.4

Final_Result

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

EUT Information

EUT Name:	Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

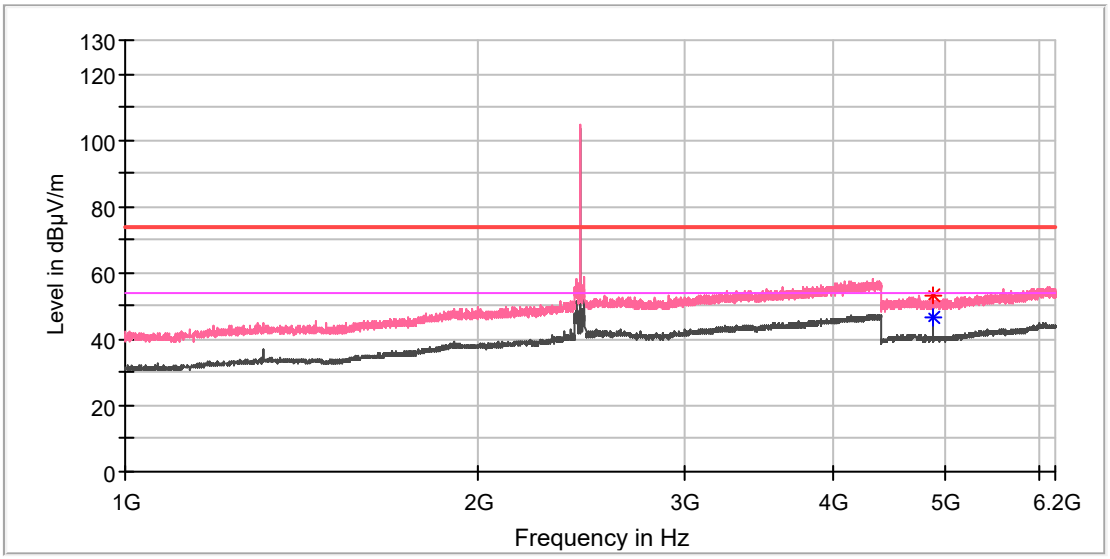
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4880.000000	52.56	---	74.00	21.44	150.0	H	97.0	13.3
4880.000000	---	46.41	54.00	7.59	150.0	H	97.0	13.3

Final_Result

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

EUT Information

EUT Name:	Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

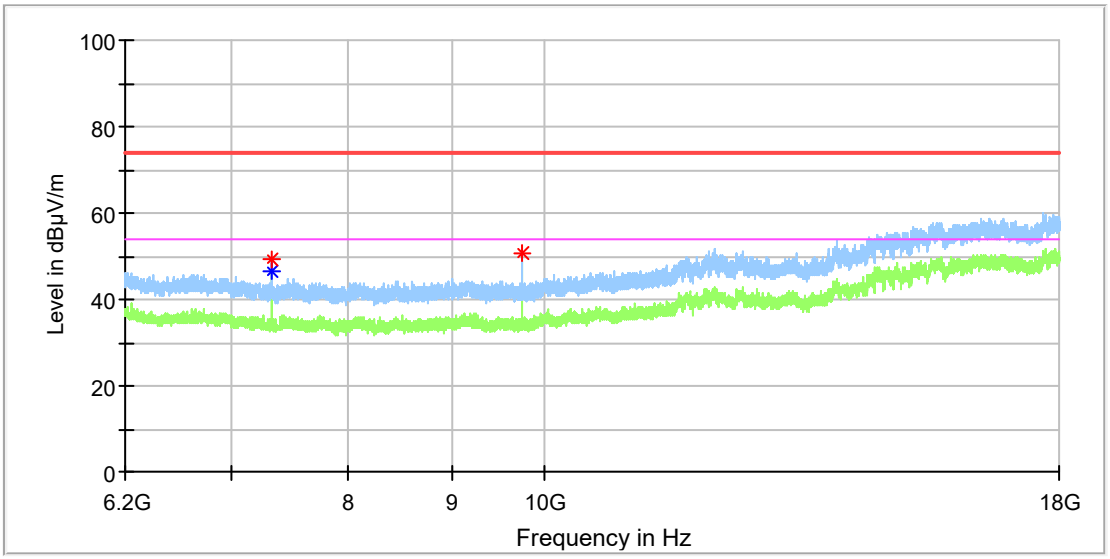
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4880.000000	52.96	---	74.00	21.04	150.0	V	202.0	13.3
4880.000000	---	46.54	54.00	7.46	150.0	V	202.0	13.3

Final_Result

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

EUT Information

EUT Name:	Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

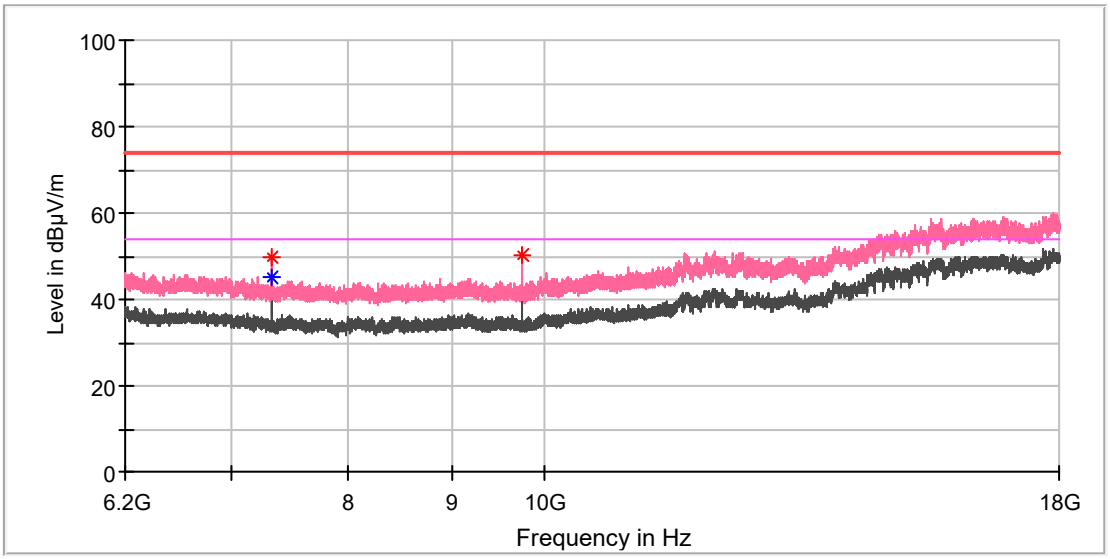
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7319.525000	---	46.66	54.00	7.34	150.0	H	249.0	8.2
7320.016667	49.53	---	74.00	24.47	150.0	H	133.0	8.2
9759.666667	50.63	---	68.20	17.57	150.0	H	325.0	10.4

Final_Result

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

EUT Information

EUT Name:	Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

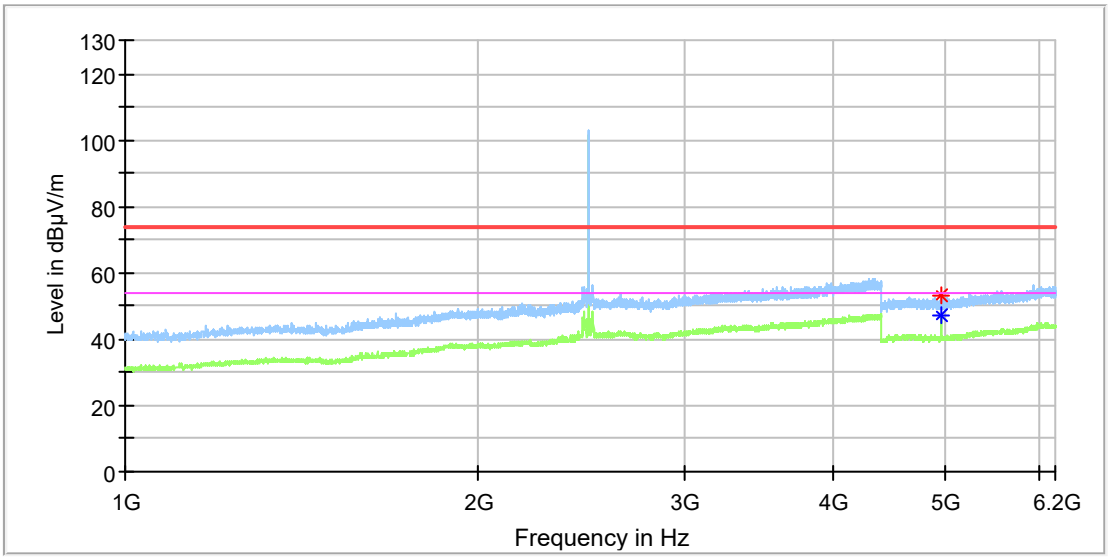
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7320.016667	49.67	---	74.00	24.33	150.0	V	0.0	8.2
7320.016667	---	45.28	54.00	8.72	150.0	V	0.0	8.2
9760.158333	50.35	---	68.20	17.85	150.0	V	117.0	10.4

Final_Result

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

EUT Information

EUT Name:	Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 1M_High channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

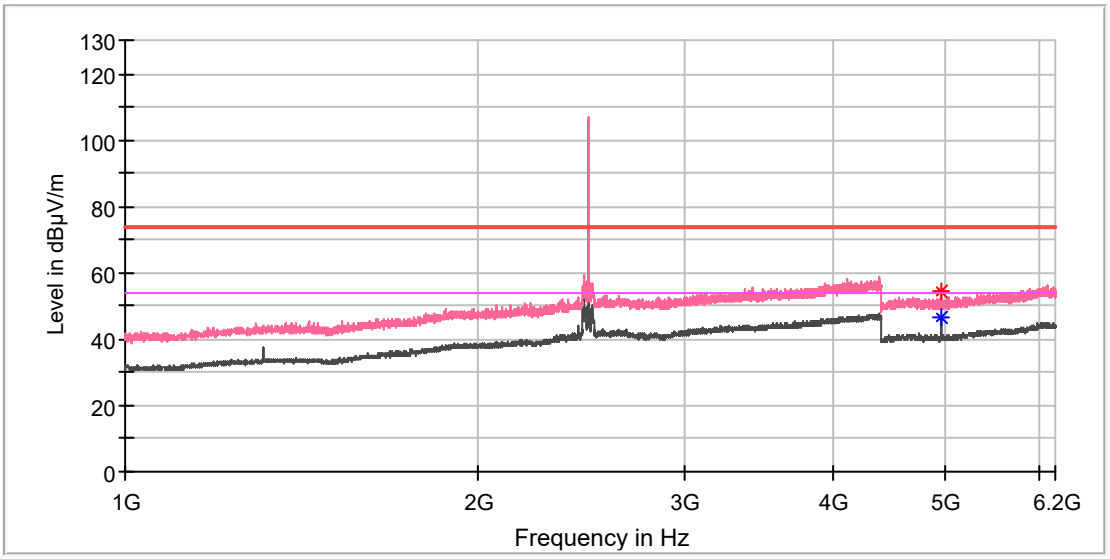
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4959.500000	53.23	---	74.00	20.77	150.0	H	273.0	13.3
4960.000000	---	46.91	54.00	7.09	150.0	H	240.0	13.3

Final_Result

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

EUT Information

EUT Name:	Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 1M_High channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

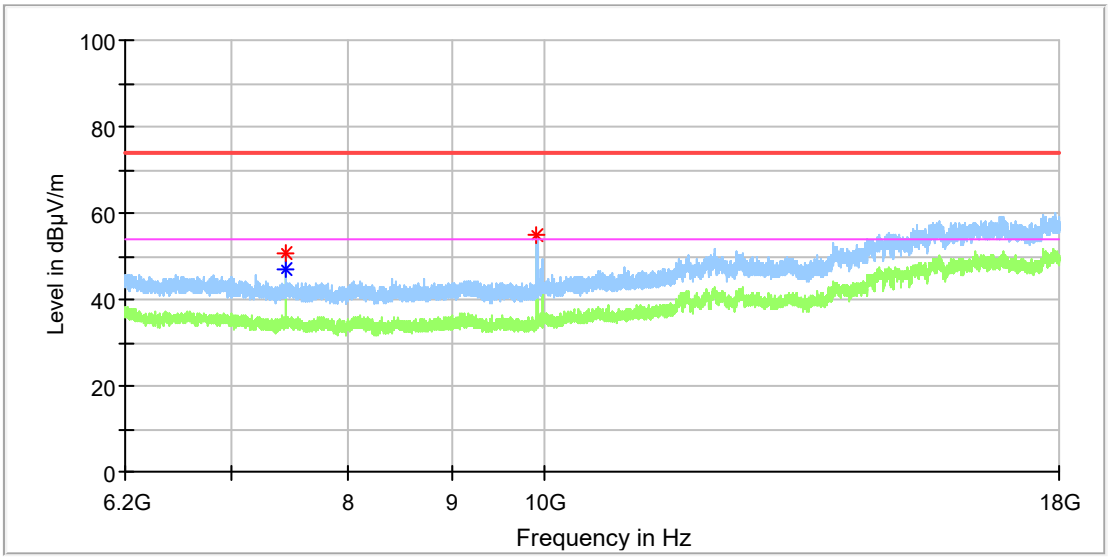
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4960.000000	---	46.48	54.00	7.52	150.0	V	327.0	13.3
4960.500000	54.24	---	74.00	19.76	150.0	V	340.0	13.3

Final_Result

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

EUT Information

EUT Name:	Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 1M_High channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

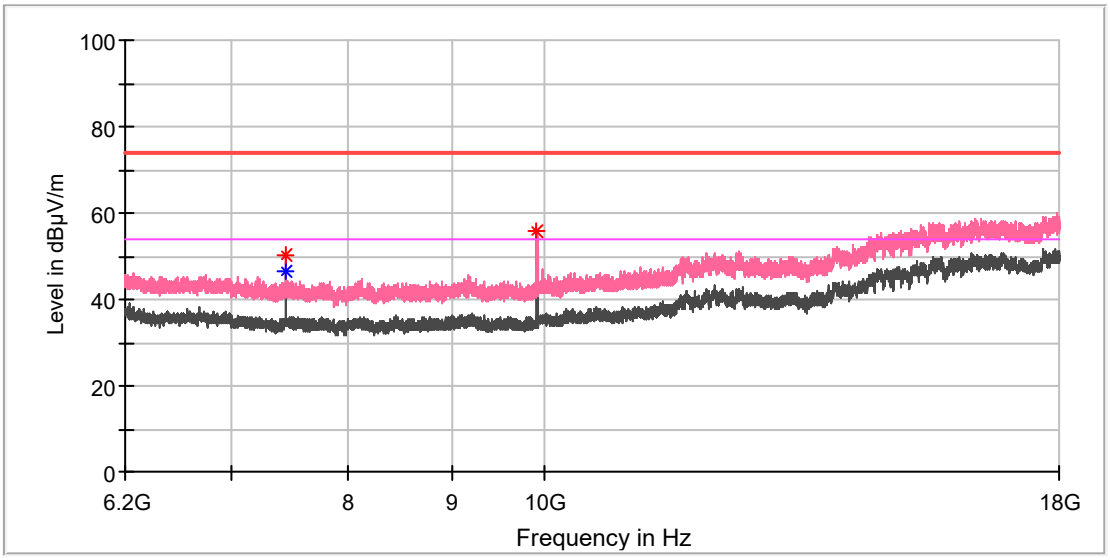
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7439.491667	50.70	---	74.00	23.30	150.0	H	133.0	8.4
7439.983333	---	47.05	54.00	6.95	150.0	H	133.0	8.4
9919.950000	55.05	---	68.20	13.15	150.0	H	13.0	10.8

Final_Result

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

EUT Information

EUT Name:	Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 1M_High channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:55%
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)
7439.491667	---	46.34	54.00	7.66	150.0	V	0.0	8.4
7439.983333	50.35	---	74.00	23.65	150.0	V	0.0	8.4
9919.950000	55.60	---	68.20	12.60	150.0	V	109.0	10.8

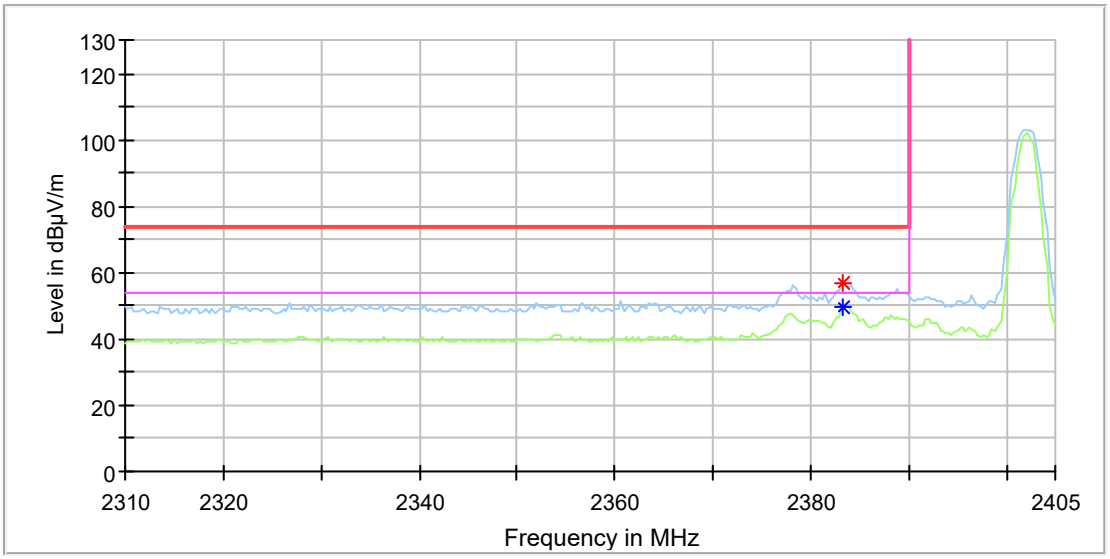
Final_Result

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

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

EUT Information

EUT Name:	Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

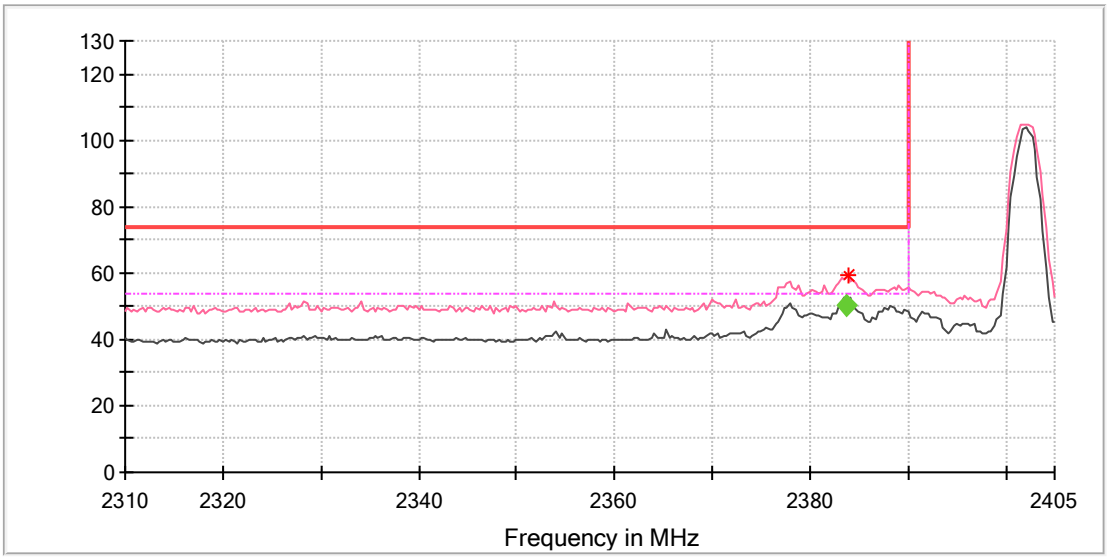
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2383.235294	56.61	---	74.00	17.39	150.0	H	282.0	8.5
2383.235294	---	49.66	54.00	4.34	150.0	H	282.0	8.5

Final_Result

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

EUT Information

EUT Name:	Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

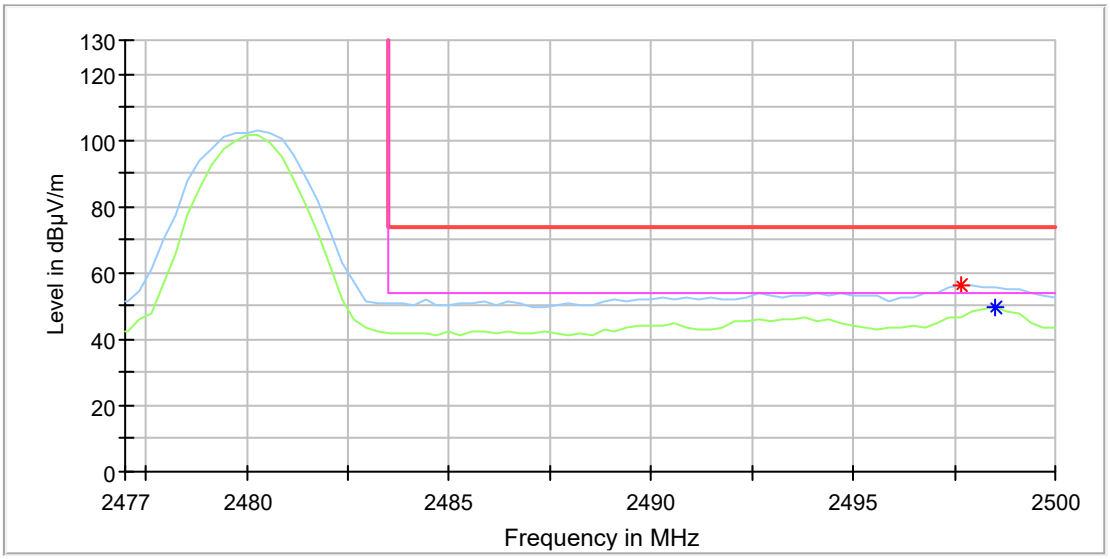
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2383.823529	59.22	---	74.00	14.78	150.0	V	210.0	8.5

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2383.735294	---	50.84	54.00	3.16	150.0	V	238.0	8.5

EUT Information

EUT Name:	Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 1M_High channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

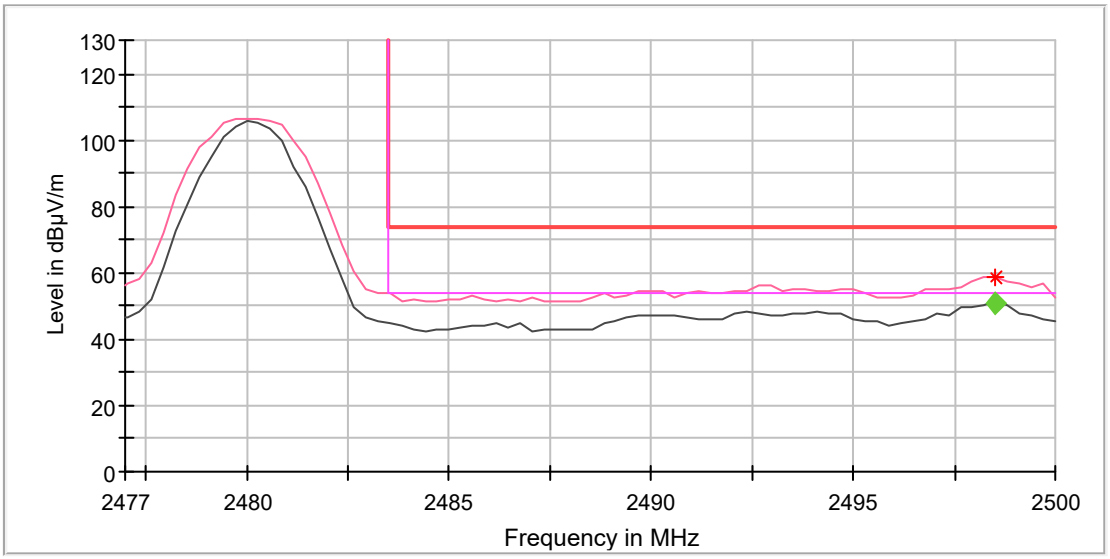
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2497.647059	56.49	---	74.00	17.51	150.0	H	0.0	9.0
2498.529412	---	49.30	54.00	4.70	150.0	H	0.0	9.0

Final_Result

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

EUT Information

EUT Name:	Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 1M_High channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:55%
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)
2498.529412	58.64	---	74.00	15.36	150.0	V	241.0	9.0

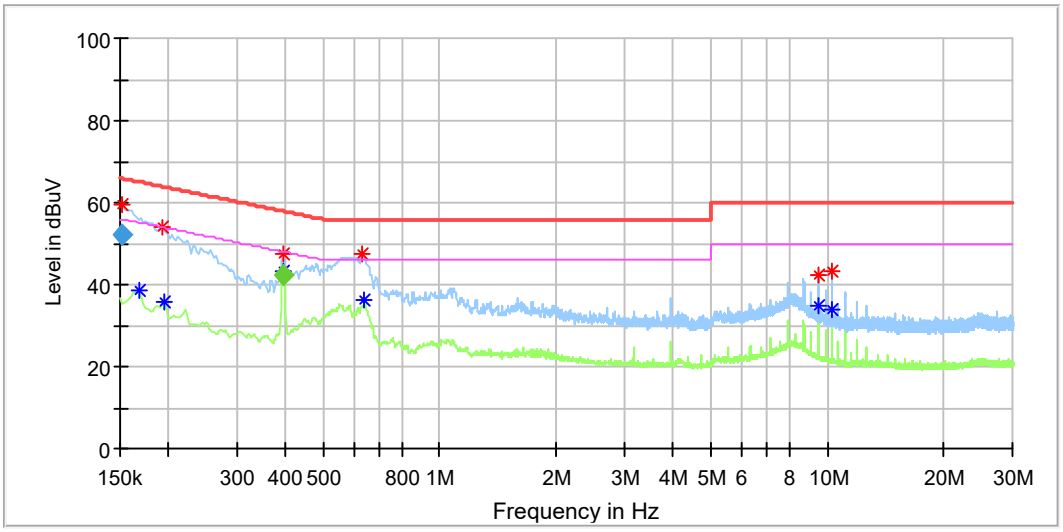
Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2498.529412	---	50.78	54.00	3.22	150.0	V	241.0	9.0

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

EUT Information

EUT Name:	Wireless Subwoofer
Order Number:	27219521 P02275309
Model:	HS2100S
Test Mode:	BT Link Normal working (1kHz Signal Playing)
Test Voltage:	AC 120V/ 60Hz
Test Standard:	FCC Part 15
Test By:/Review By:	Aric Wang / Charlie Zha
Tem./Hum./Pressure:	24.0°C/52.1%/101kPa
Remark:	SR 3



Critical_Freqs

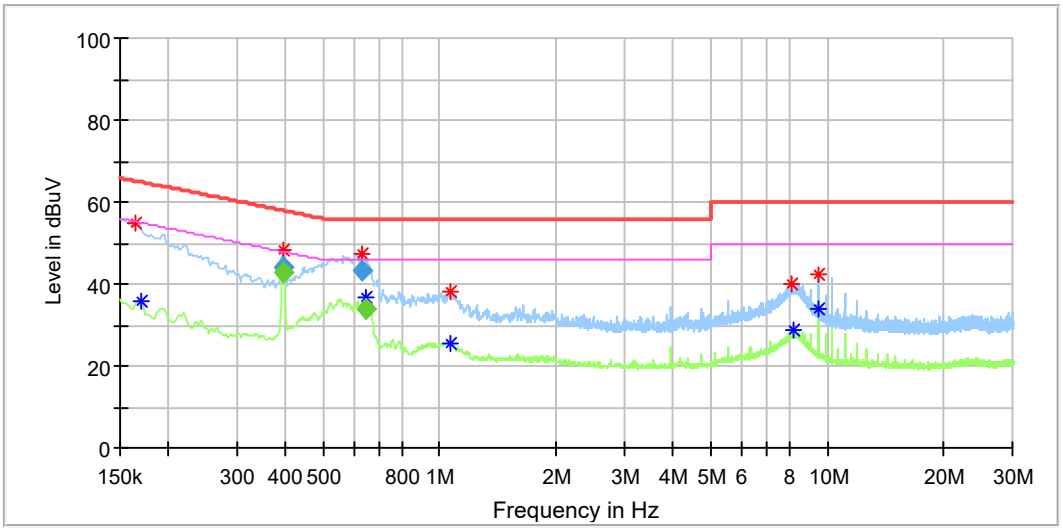
Frequency (MHz)	MaxPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr. (dB)
0.152	59.3	---	65.86	6.55	L1	9.5
0.167	---	38.7	55.09	16.35	L1	9.6
0.192	53.9	---	63.94	10.01	L1	9.7
0.195	---	35.6	53.83	18.21	L1	9.7
0.394	---	43.2	47.98	4.74	L1	9.5
0.396	47.7	---	57.93	10.27	L1	9.5
0.628	47.5	---	56.00	8.51	L1	9.7
0.640	---	36.2	46.00	9.81	L1	9.7
9.496	---	35.0	50.00	15.03	L1	10.0
9.498	42.4	---	60.00	17.56	L1	10.0
10.287	---	34.0	50.00	16.03	L1	10.0
10.287	43.0	---	60.00	16.97	L1	10.0

Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.152	51.9	---	65.86	13.95	1000.0	9.0	L1	9.5
0.394	---	42.2	47.98	5.76	1000.0	9.0	L1	9.5

EUT Information

EUT Name:	Wireless Subwoofer
Order Number:	27219521 P02275309
Model:	HS2100S
Test Mode:	BT Link Normal working (1kHz Signal Playing)
Test Voltage:	AC 120V/ 60Hz
Test Standard:	FCC Part 15
Test By:/Review By:	Aric Wang / Charlie Zha
Tem./Hum./Pressure:	24.0°C/52.1%/101kPa
Remark:	SR 3



Critical_Freqs

Frequency (MHz)	MaxPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr. (dB)
0.165	55.0	---	65.21	10.23	N	9.8
0.170	---	35.9	54.97	19.08	N	9.8
0.394	---	43.8	47.98	4.19	N	9.9
0.394	48.2	---	57.98	9.82	N	9.9
0.630	47.6	---	56.00	8.44	N	9.9
0.643	---	36.9	46.00	9.14	N	9.9
1.063	38.0	---	56.00	17.99	N	9.8
1.065	---	25.6	46.00	20.39	N	9.8
8.120	40.1	---	60.00	19.85	N	9.8
8.212	---	29.0	50.00	21.01	N	9.8
9.496	42.2	---	60.00	17.79	N	9.7
9.498	---	33.8	50.00	16.16	N	9.7

Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.394	---	43.0	47.98	4.97	1000.0	9.0	N	9.9
0.394	44.2	---	57.98	13.76	1000.0	9.0	N	9.9
0.630	43.3	---	56.00	12.72	1000.0	9.0	N	9.9
0.643	---	34.0	46.00	11.96	1000.0	9.0	N	9.9