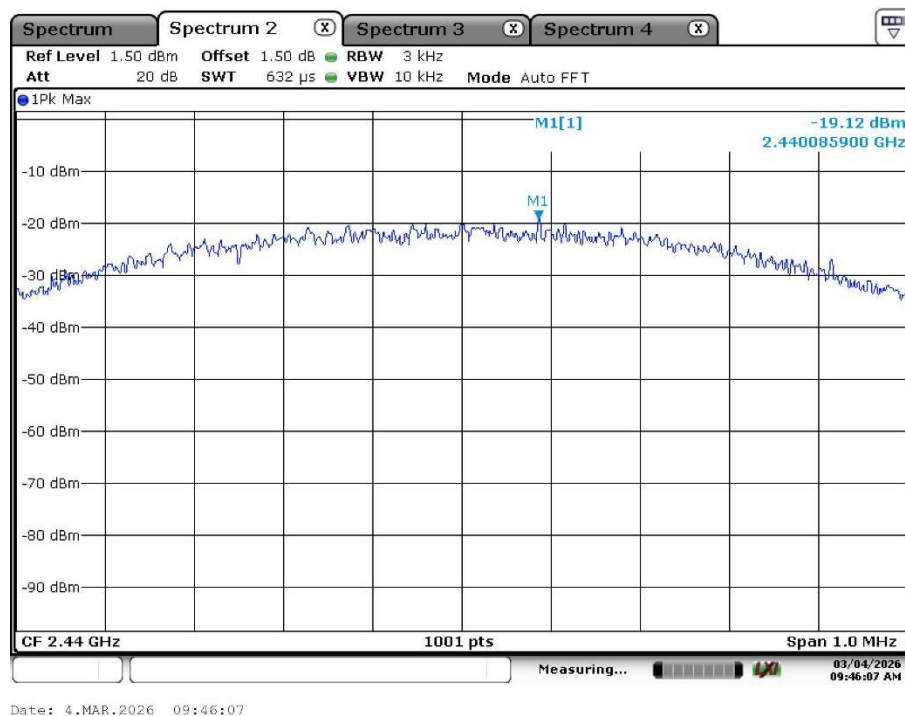
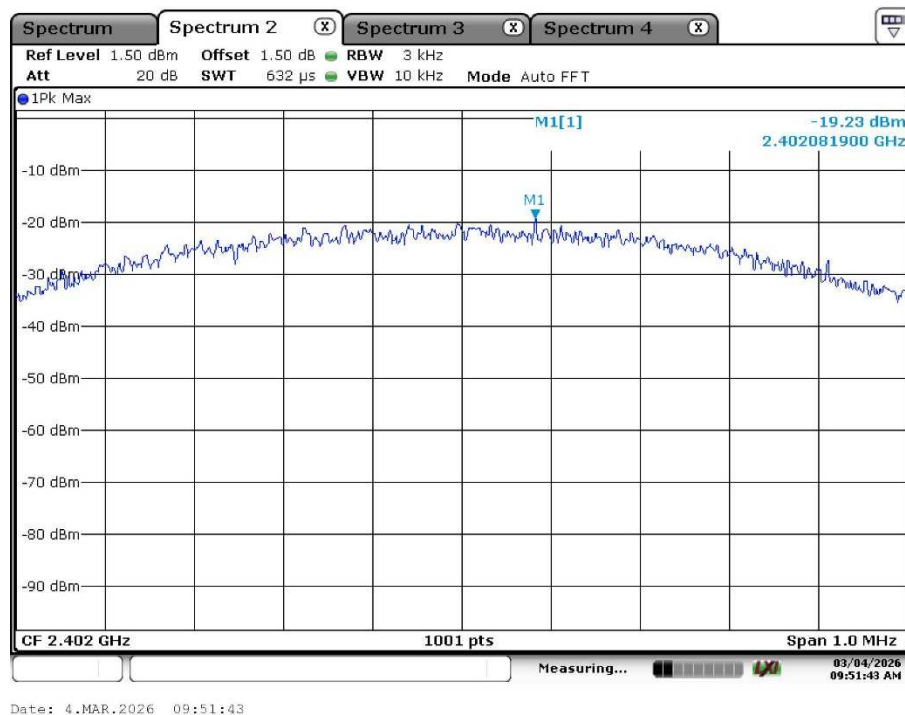


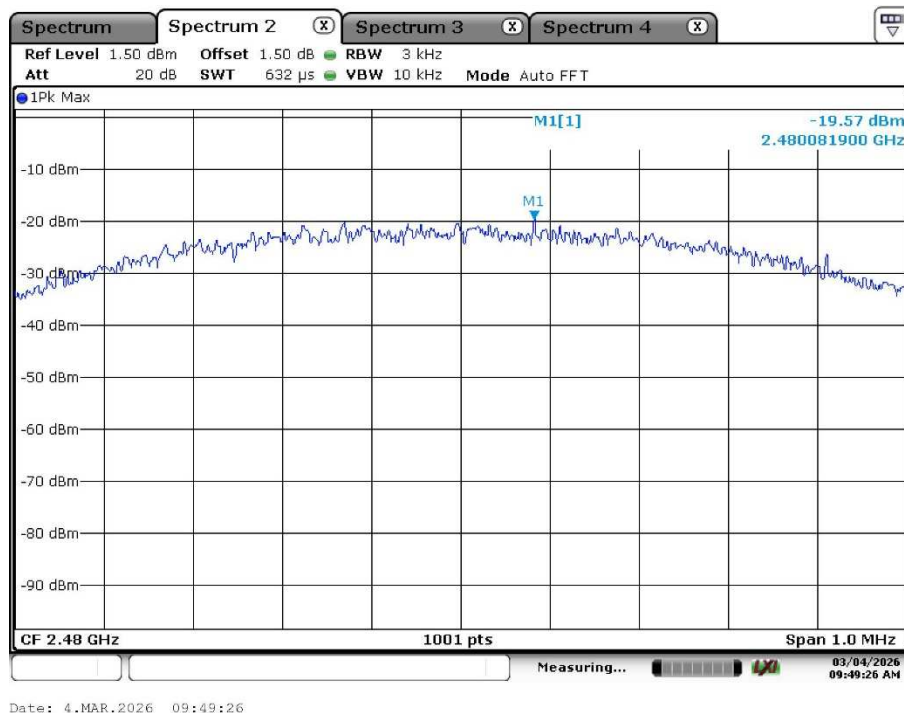
Appendix B: Test Results of Bluetooth LE (Soundbar)

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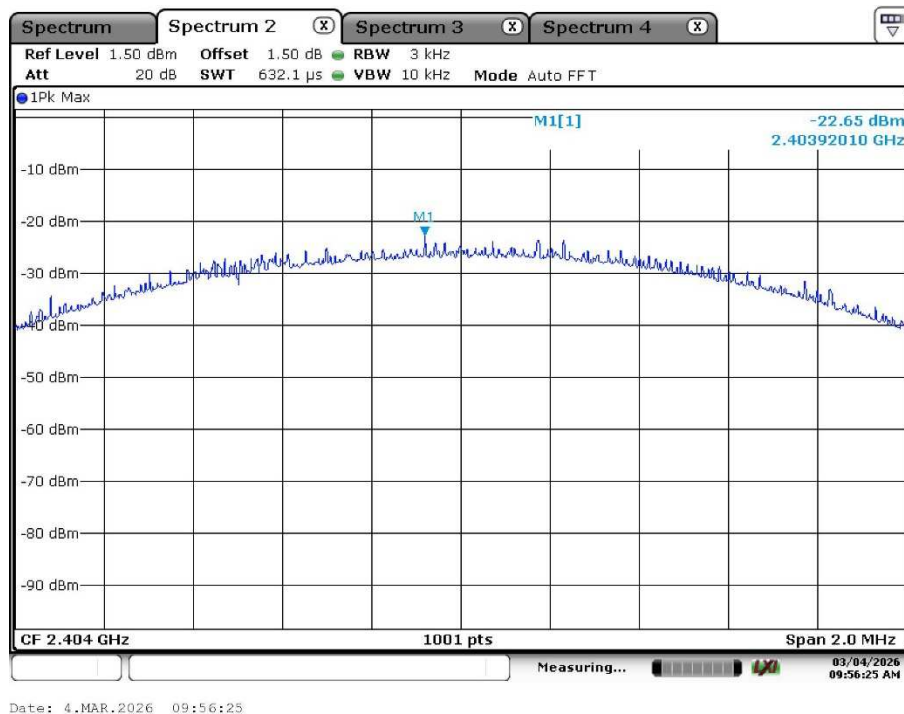
Appendix B.1: Test Results of Conducted Power Spectral Density

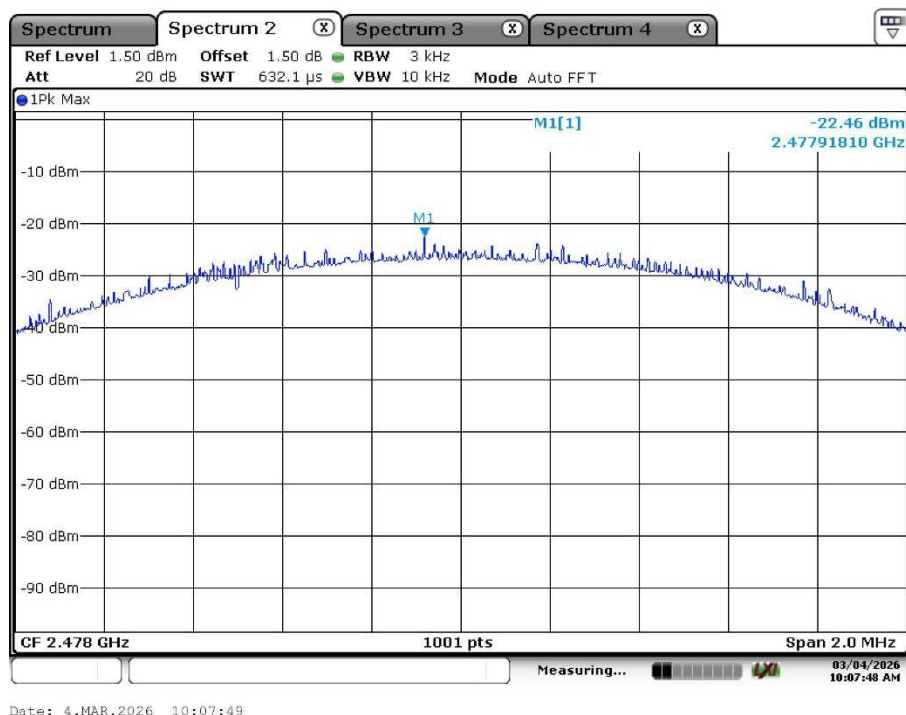
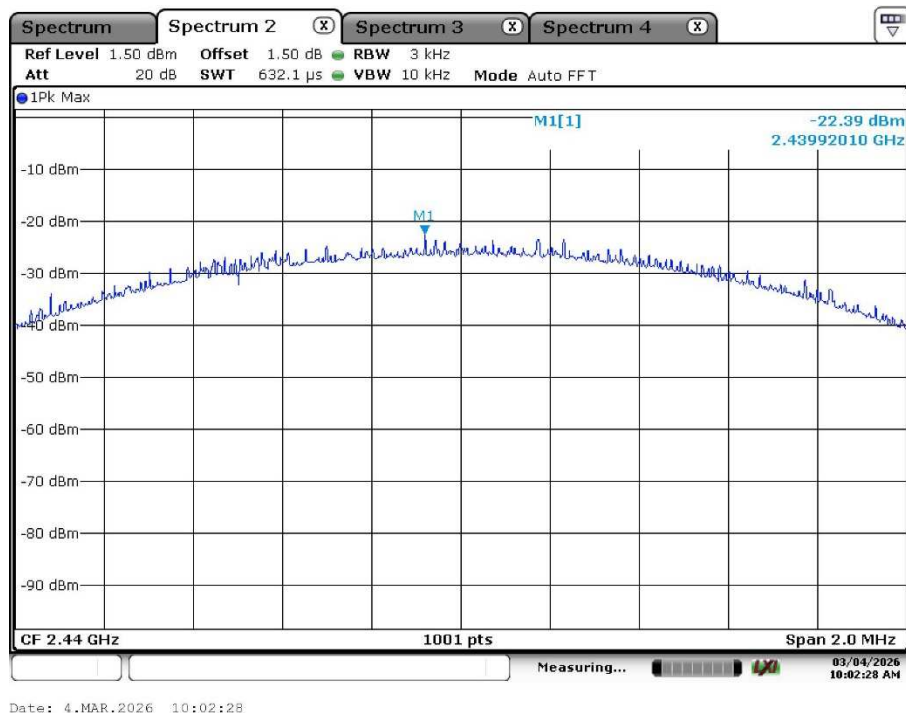
Bluetooth LE, 1Mbps





Bluetooth LE, 2Mbps





Appendix B.2: Test Results of 6dB Bandwidth

Bluetooth LE, 1Mbps

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

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

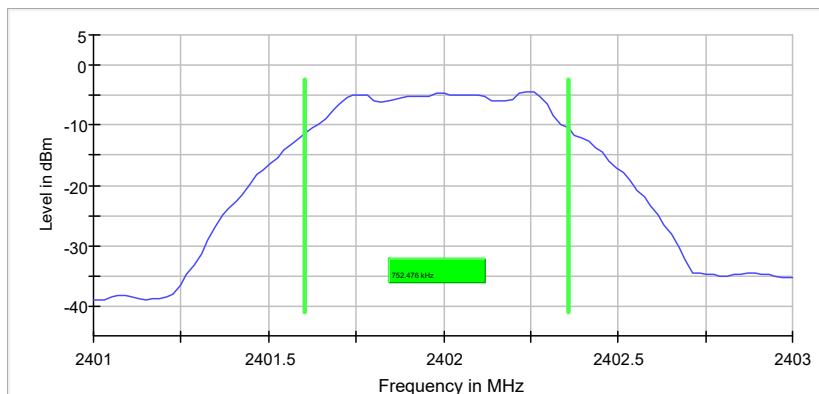
6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2402.000000	0.752476	0.500000	---	2401.603960	2402.356436

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2402.000000	-4.4	PASS

6 dB Bandwidth



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40100 GHz	2.40100 GHz
Stop Frequency	2.40300 GHz	2.40300 GHz
Span	2.000 MHz	2.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 40
Sweptime	18.938 µs	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	8 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.12 dB	0.50 dB

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

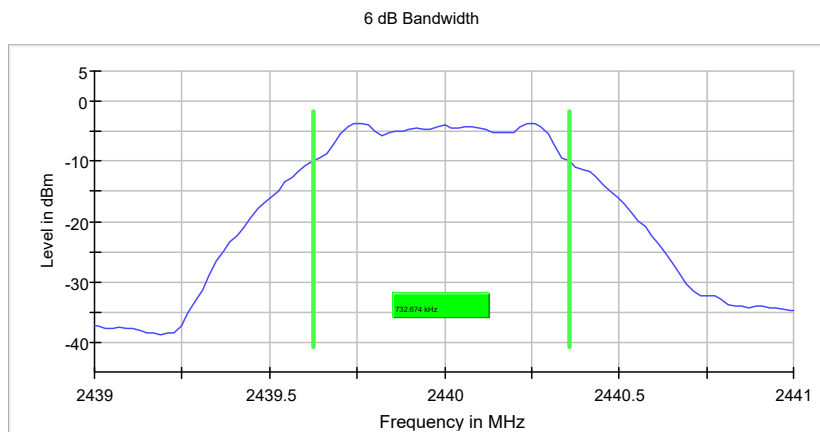
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04

6 dB Bandwidth

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

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2440.000000	-3.6	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.43900 GHz	2.43900 GHz
Stop Frequency	2.44100 GHz	2.44100 GHz
Span	2.000 MHz	2.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 40
Sweeptime	18.938 µs	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	9 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.10 dB	0.50 dB

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

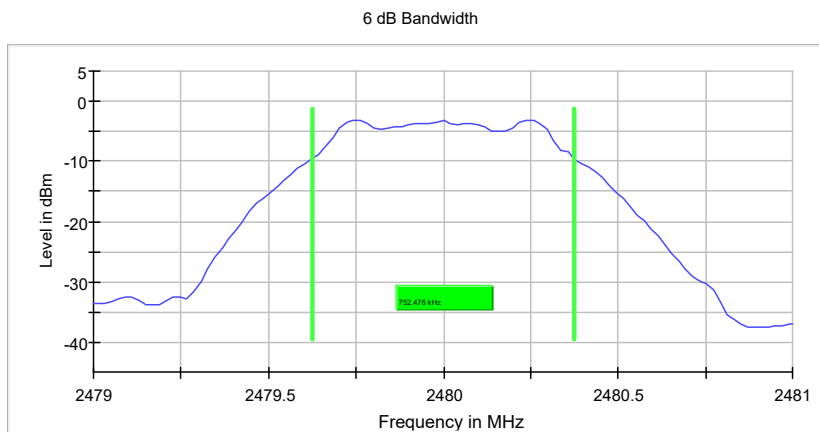
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04

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	-3.1	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.47900 GHz	2.47900 GHz
Stop Frequency	2.48100 GHz	2.48100 GHz
Span	2.000 MHz	2.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 40
Sweeptime	18.938 µs	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	12 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.02 dB	0.50 dB

Bluetooth LE, 2Mbps

Minimum Emission Bandwidth 6 dB (2404 MHz; 20.000 dBm; 2 MHz)

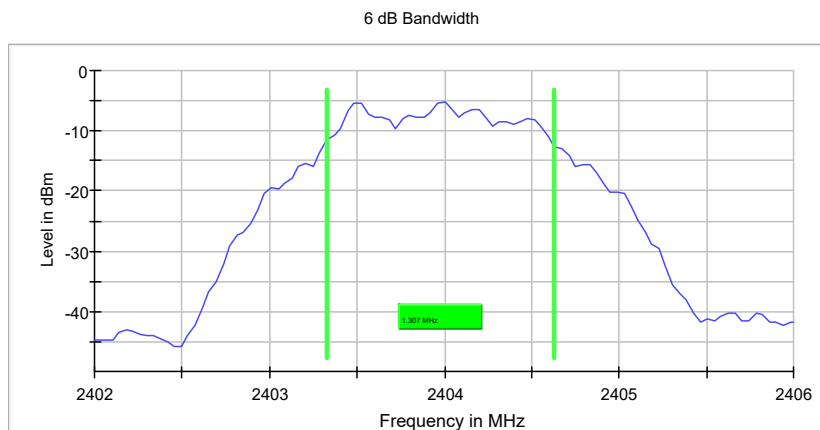
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04

6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2404.000000	1.306930	0.500000	---	2403.326733	2404.633663

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2404.000000	-5.3	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.40200 GHz	2.40200 GHz
Stop Frequency	2.40600 GHz	2.40600 GHz
Span	4.000 MHz	4.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 80
SweepTime	18.938 µs	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	12 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.08 dB	0.50 dB

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

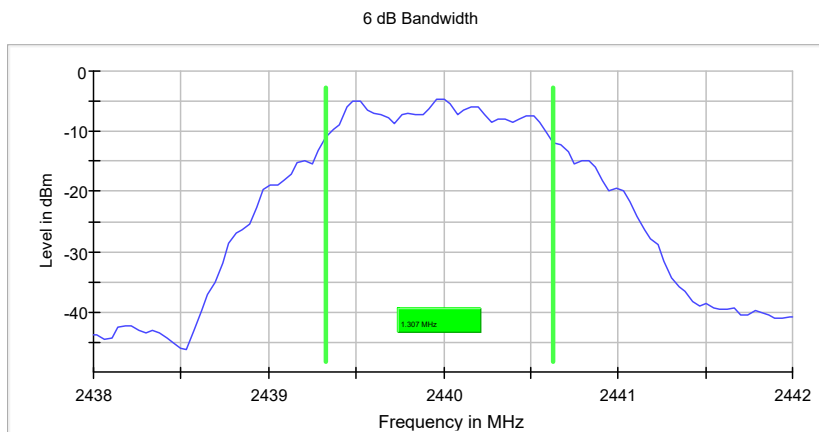
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04

6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2440.000000	1.306930	0.500000	---	2439.326733	2440.633663

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2440.000000	-4.6	PASS



Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.43800 GHz	2.43800 GHz
Stop Frequency	2.44200 GHz	2.44200 GHz
Span	4.000 MHz	4.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 80
Sweeptime	18.938 µs	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	13 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.04 dB	0.50 dB

Minimum Emission Bandwidth 6 dB (2478 MHz; 20.000 dBm; 2 MHz)

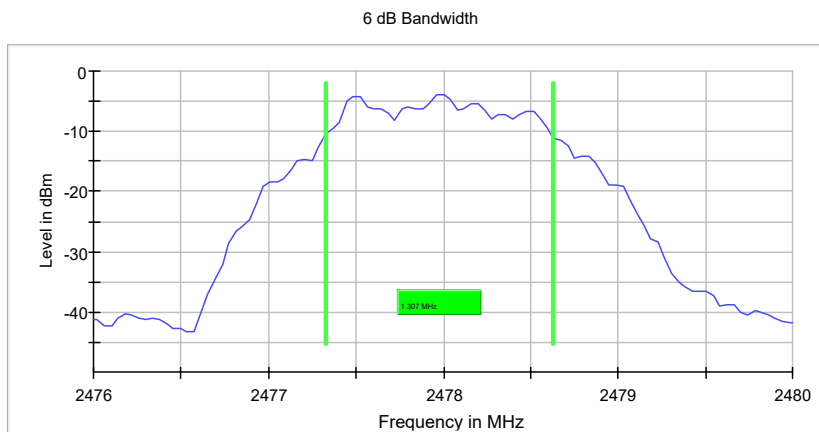
Test according to FCC title 47 part 15 §15.247(a), KDB 558074 D01 DTS Meas Guidance v04

6 dB Bandwidth

DUT Frequency (MHz)	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2478.000000	1.306930	0.500000	---	2477.326733	2478.633663

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

DUT Frequency (MHz)	Max Level (dBm)	Result
2478.000000	-3.9	PASS

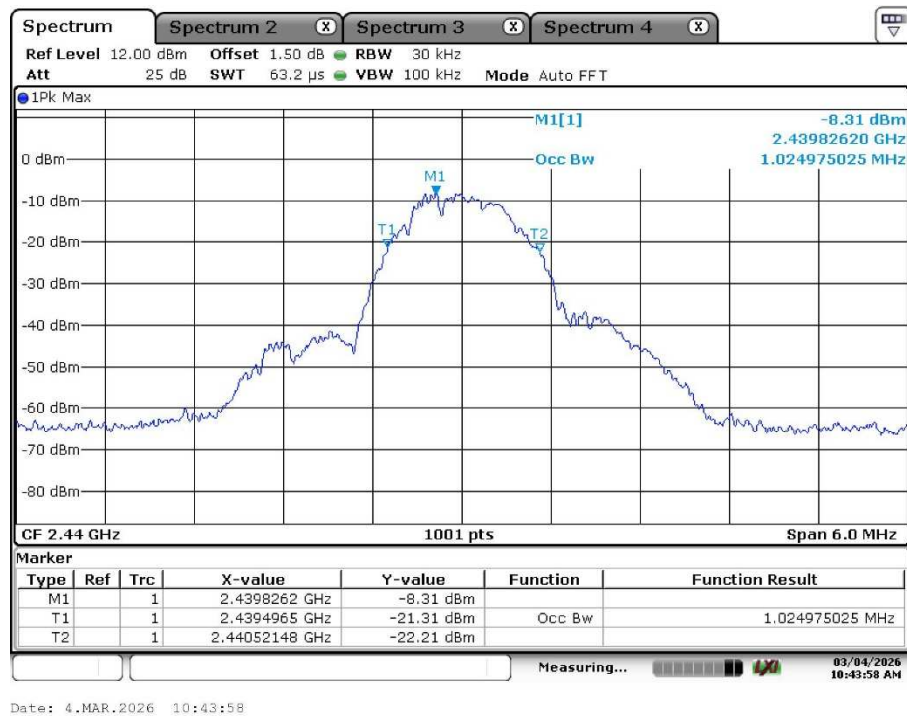
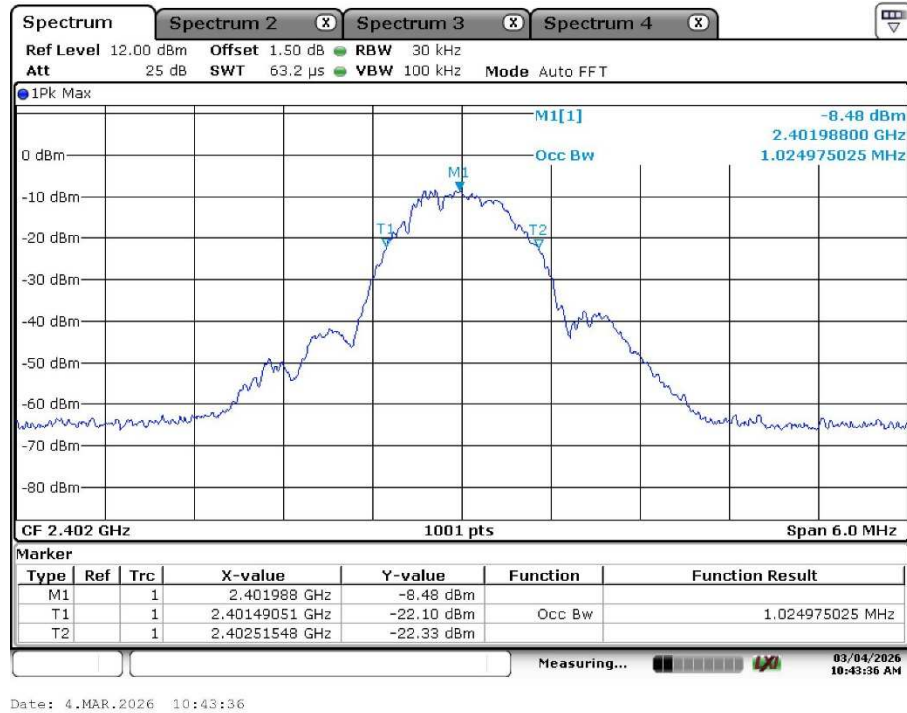


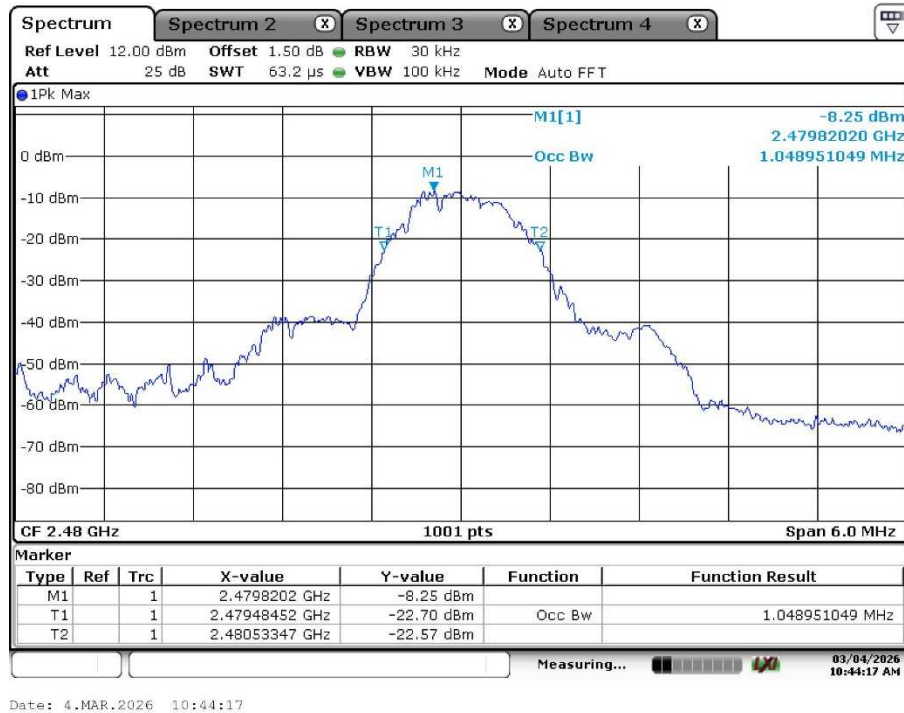
Measurement

Setting	Instrument Value	Target Value
Start Frequency	2.47600 GHz	2.47600 GHz
Stop Frequency	2.48000 GHz	2.48000 GHz
Span	4.000 MHz	4.000 MHz
RBW	100.000 kHz	~ 100.000 kHz
VBW	300.000 kHz	~ 300.000 kHz
SweepPoints	101	~ 80
Sweeptime	18.938 µs	AUTO
Reference Level	-10.000 dBm	-10.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	11 / max. 150	max. 150
Stable	5 / 5	5
Max Stable Difference	0.12 dB	0.50 dB

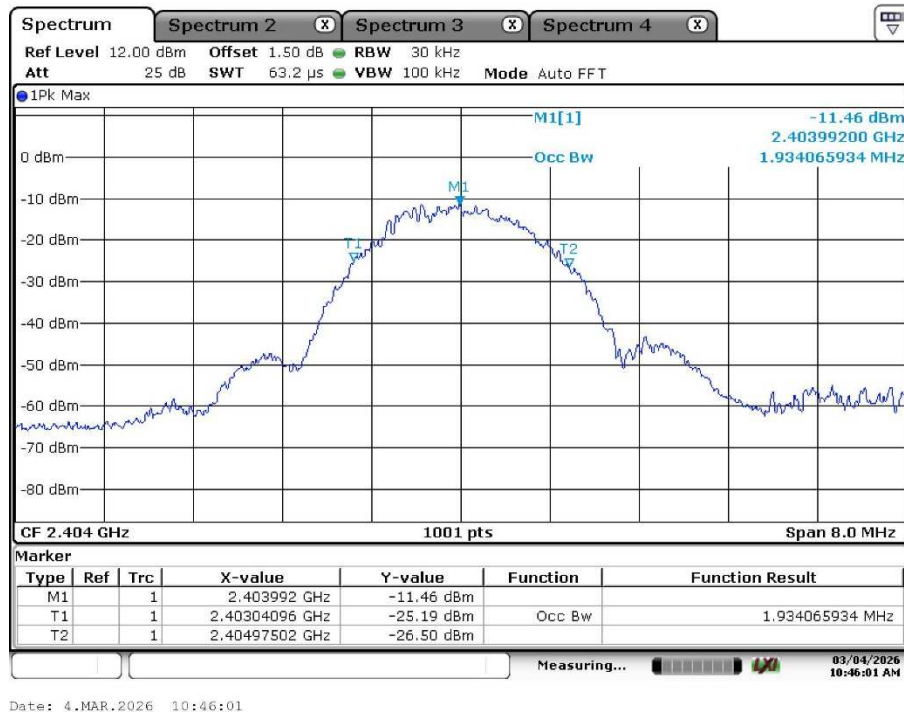
Appendix B.3: Test Results of 99% Bandwidth

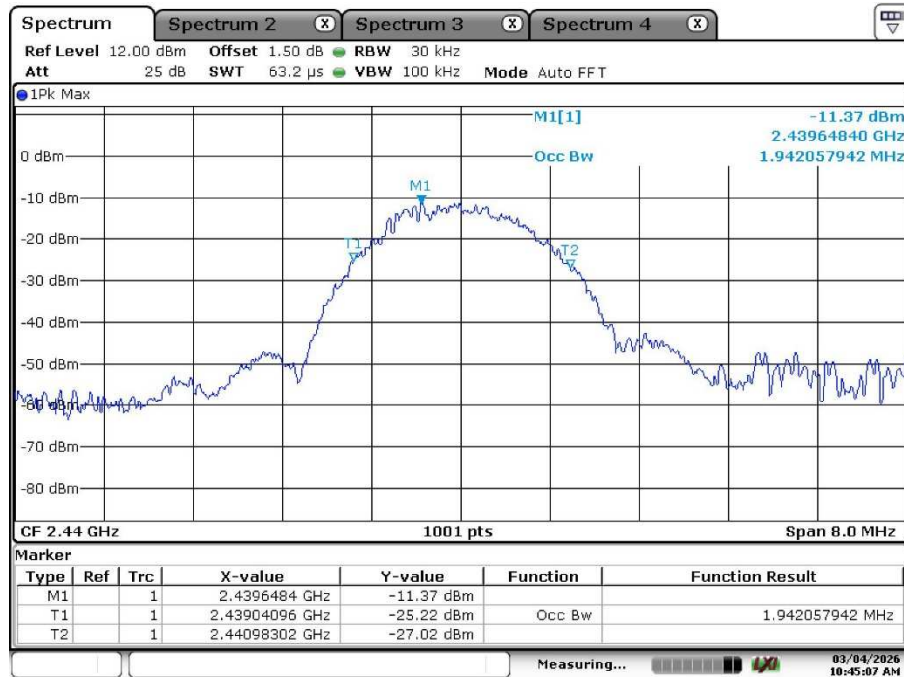
Bluetooth LE, 1Mbps



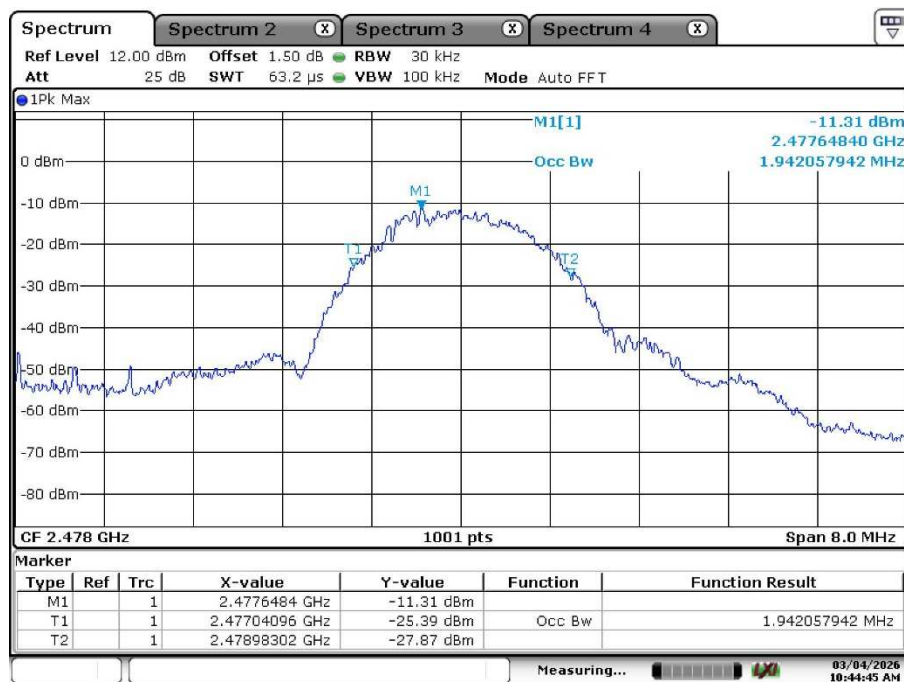


Bluetooth LE, 2Mbps





Date: 4.MAR.2026 10:45:07



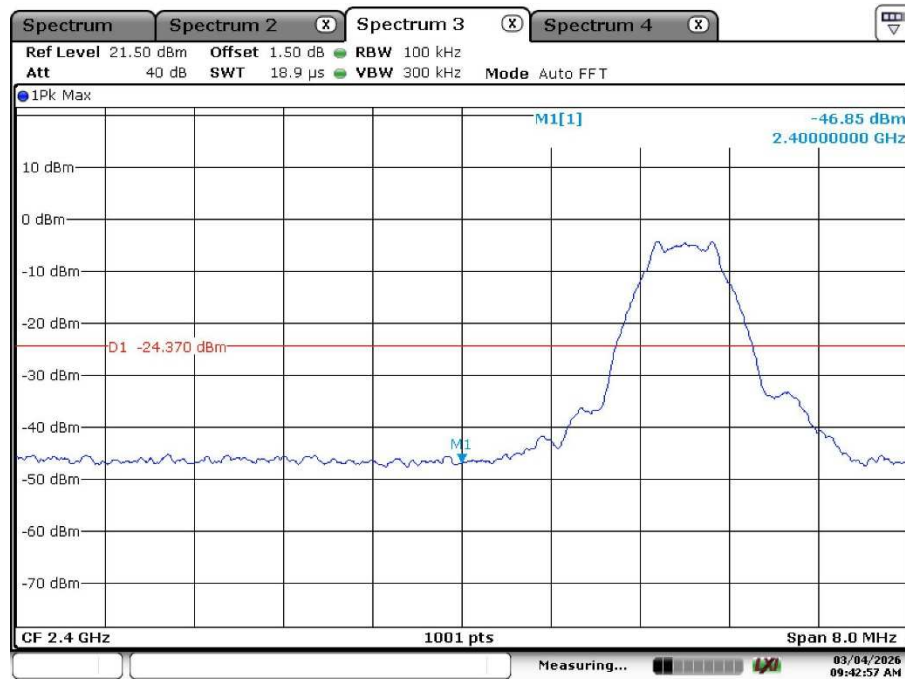
Date: 4.MAR.2026 10:44:45

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

Bluetooth LE, 1Mbps

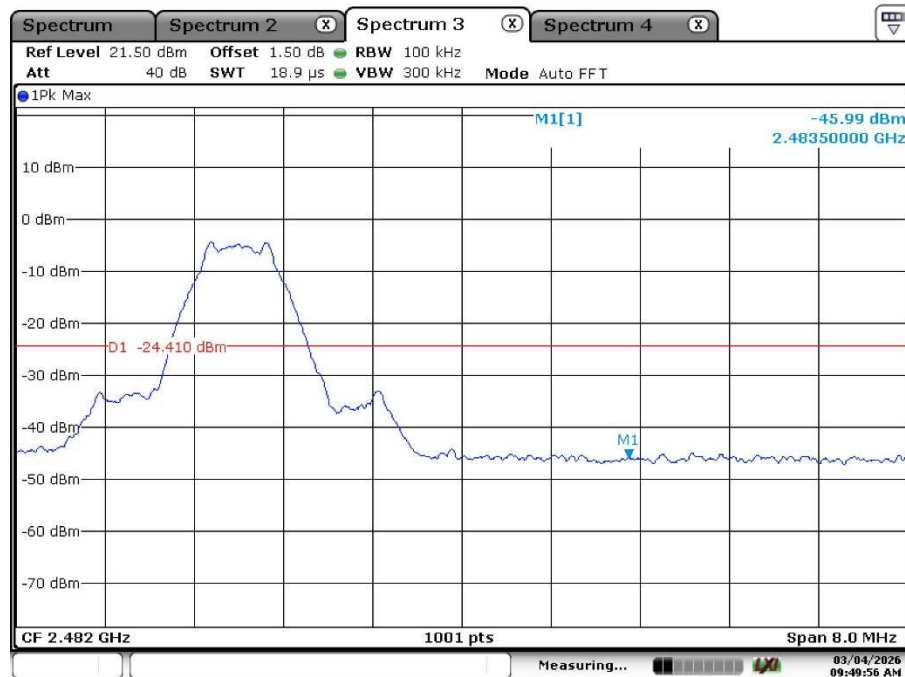
Band Edge

Low Channel



Date: 4.MAR.2026 09:42:57

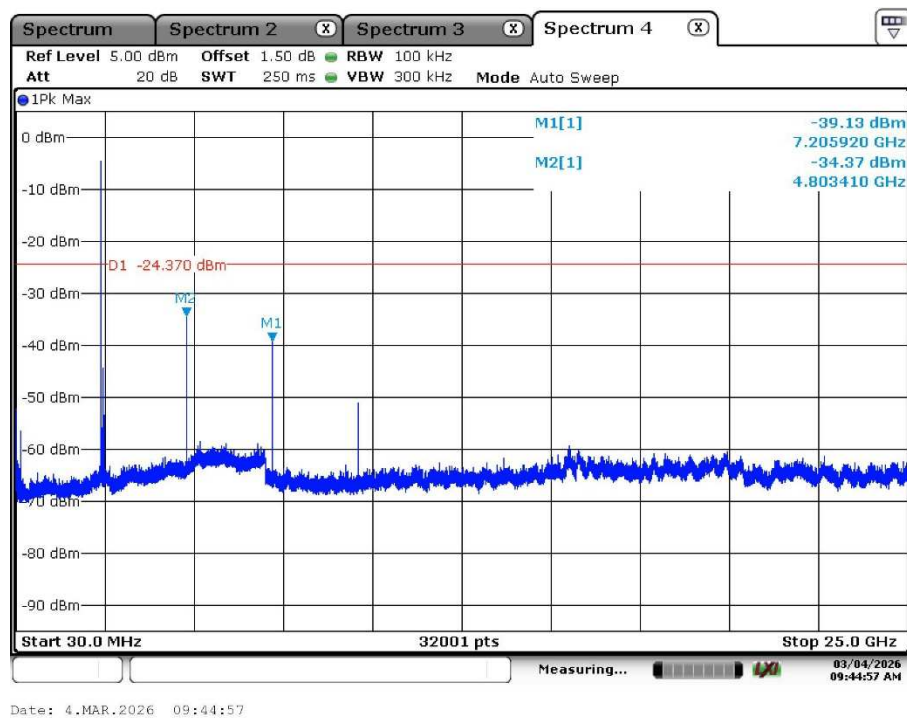
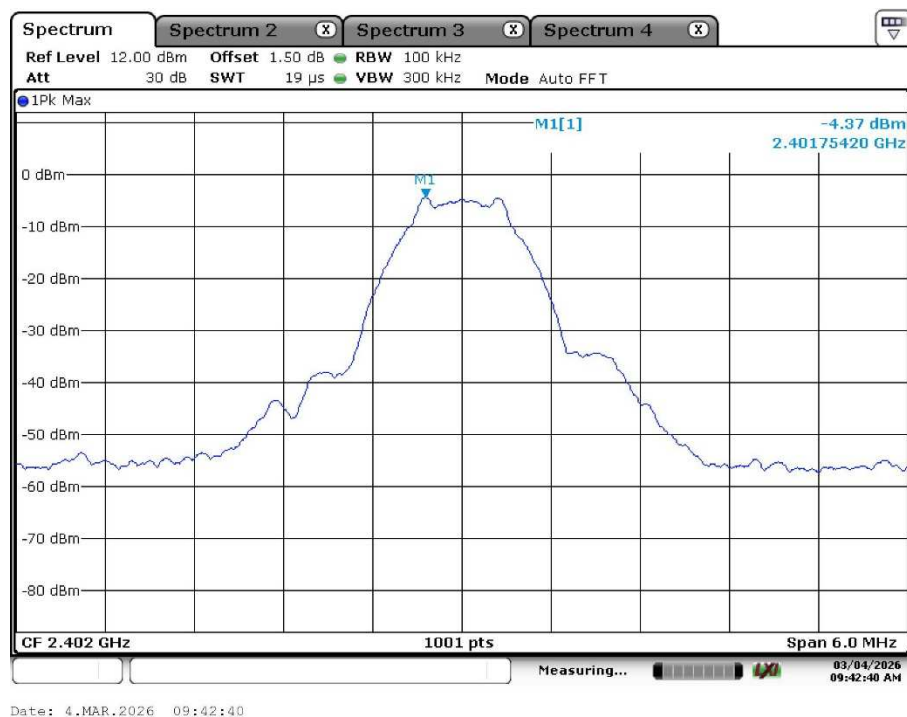
High Channel



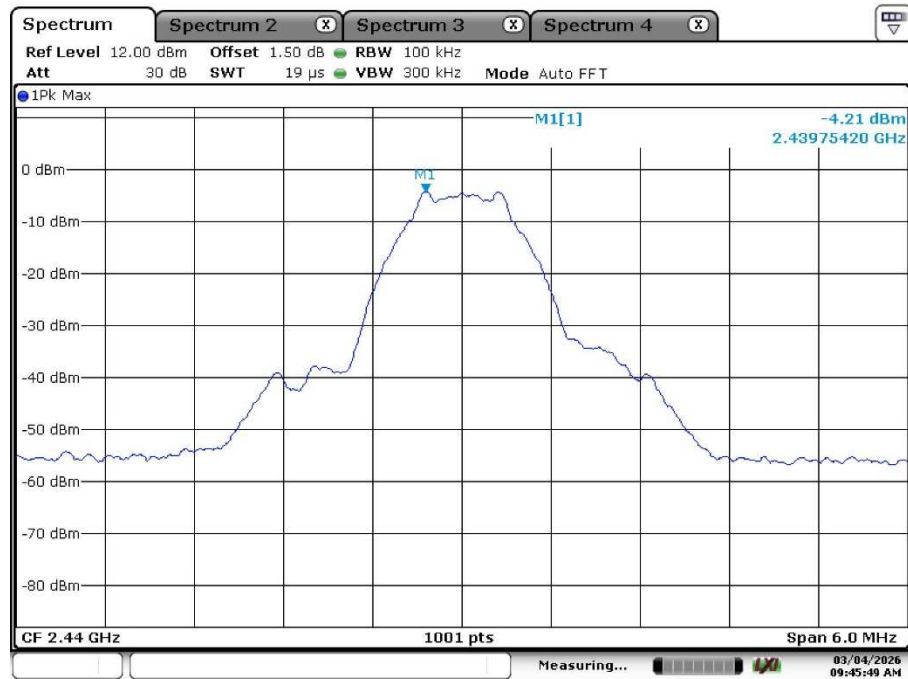
Date: 4.MAR.2026 09:49:56

Conducted Spurious Emission

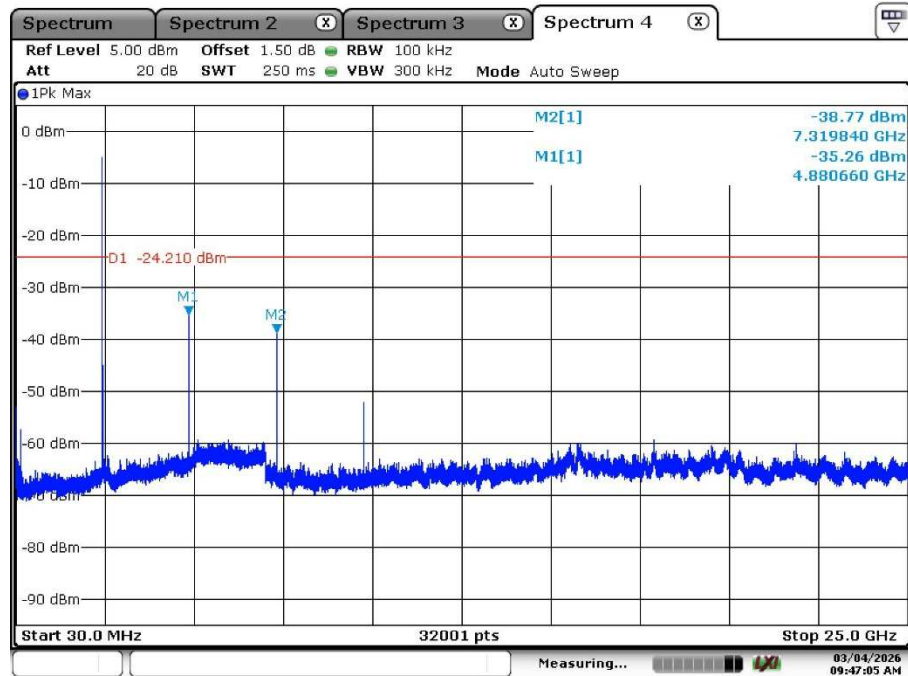
Low Channel:



Middle Channel:

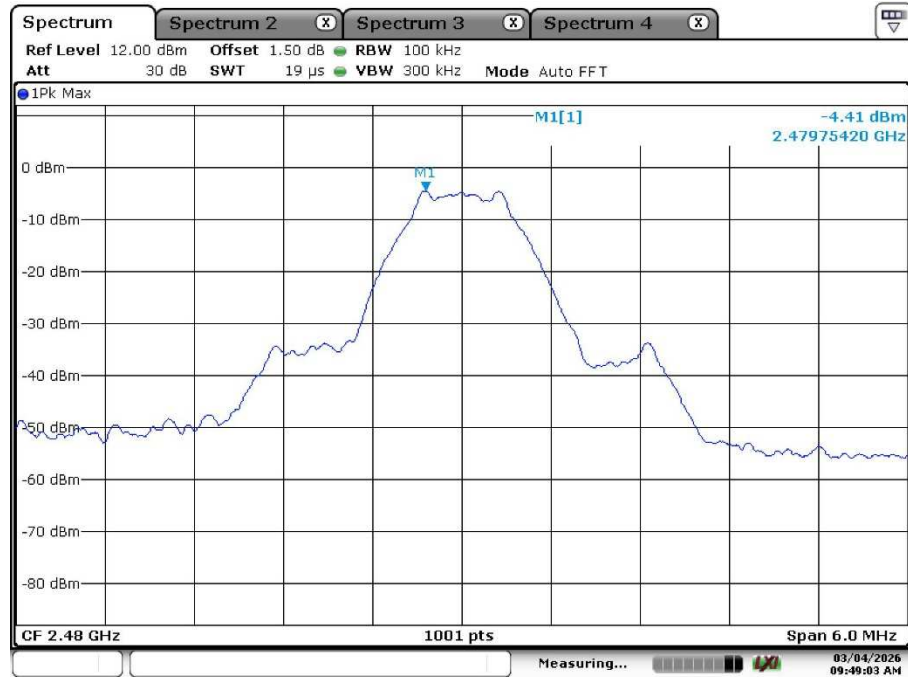


Date: 4.MAR.2026 09:45:49

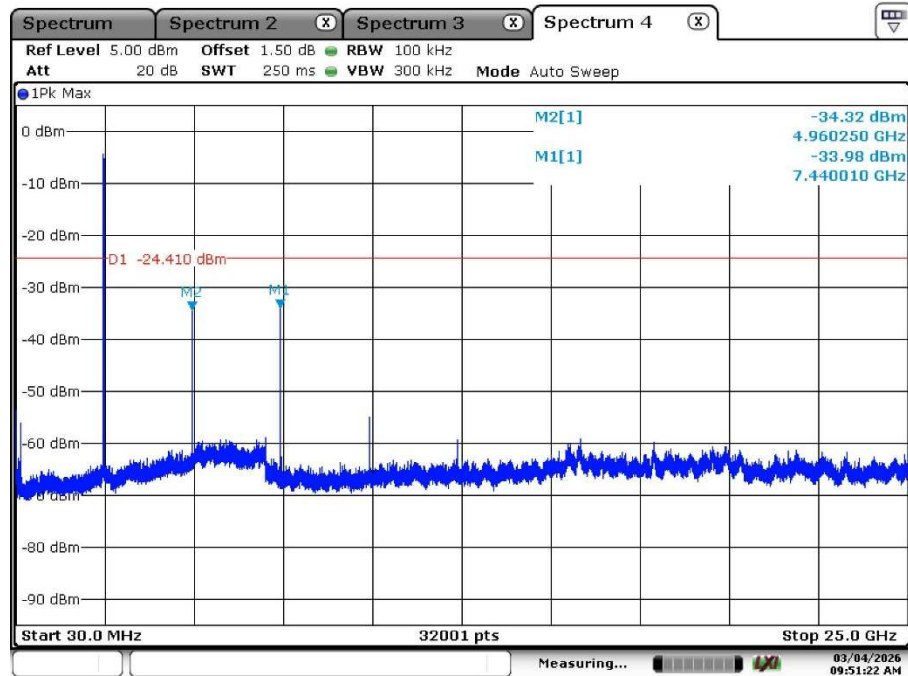


Date: 4.MAR.2026 09:47:05

High Channel:



Date: 4.MAR.2026 09:49:03

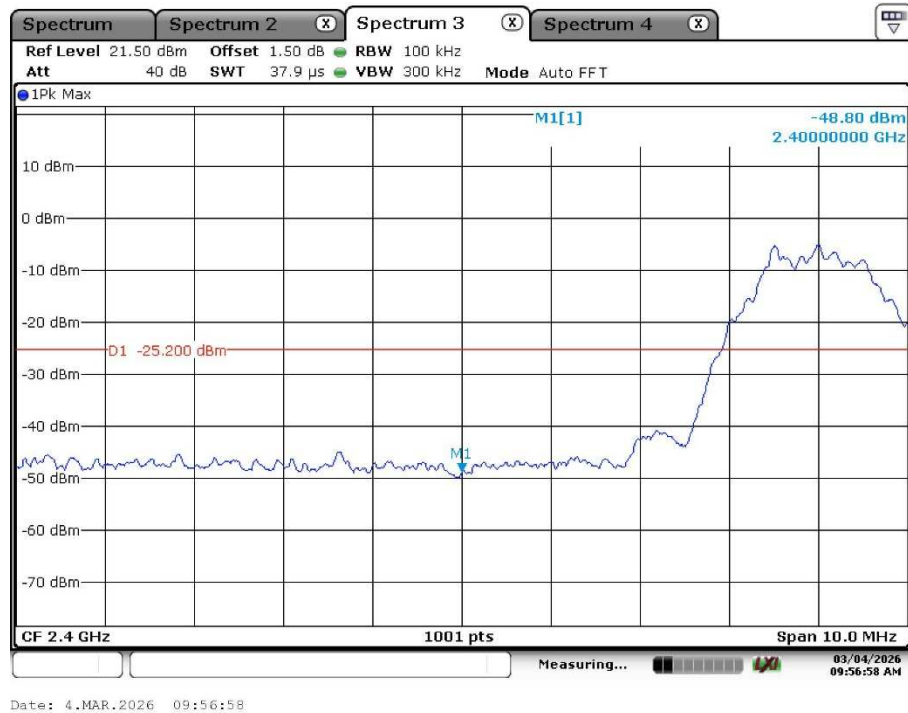


Date: 4.MAR.2026 09:51:22

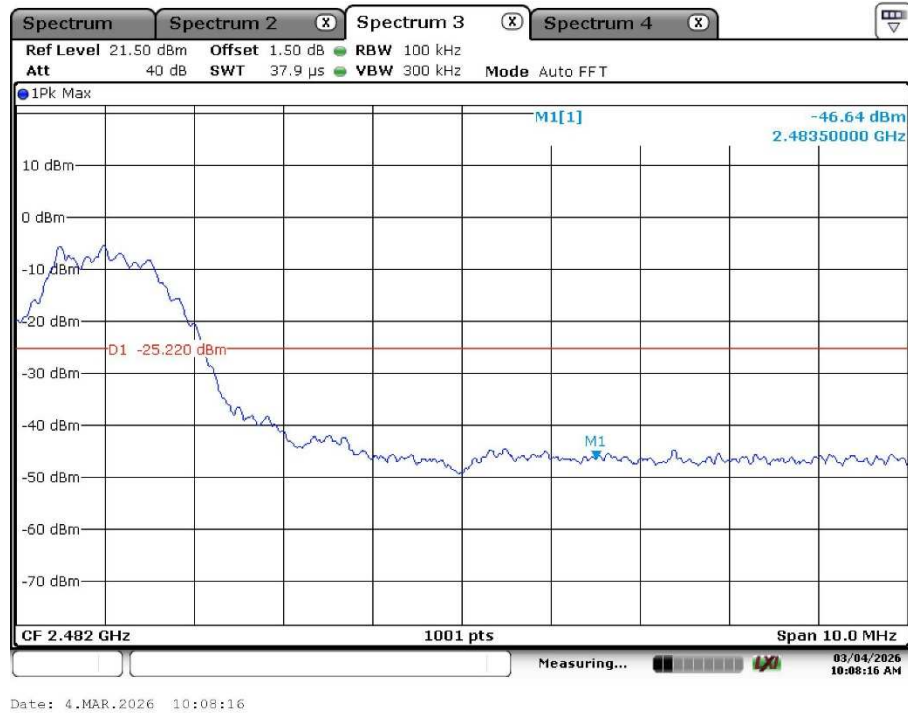
Bluetooth LE, 2Mbps

Band Edge

Low Channel

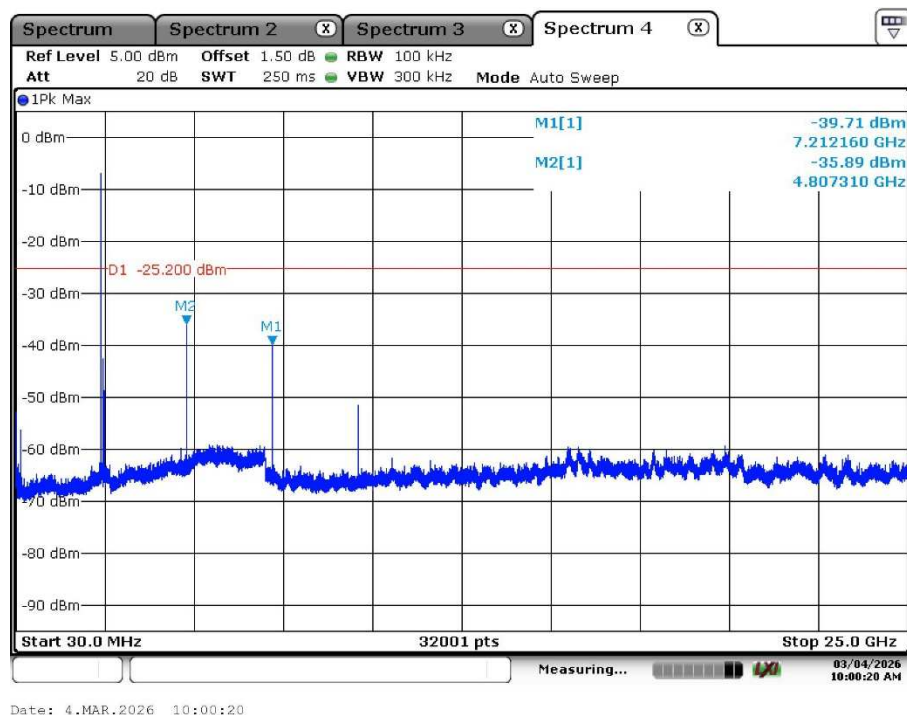
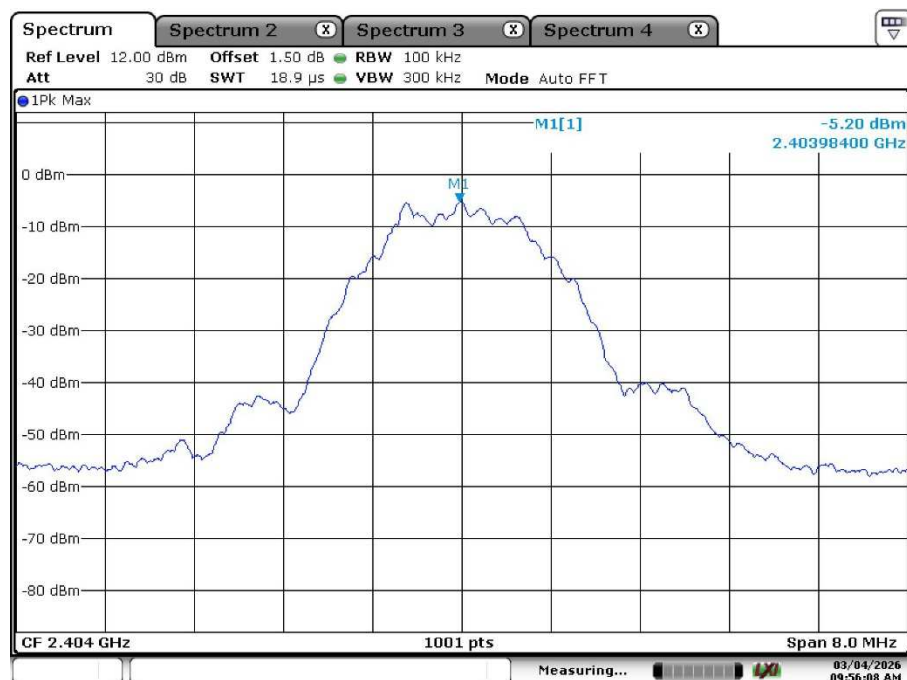


High Channel

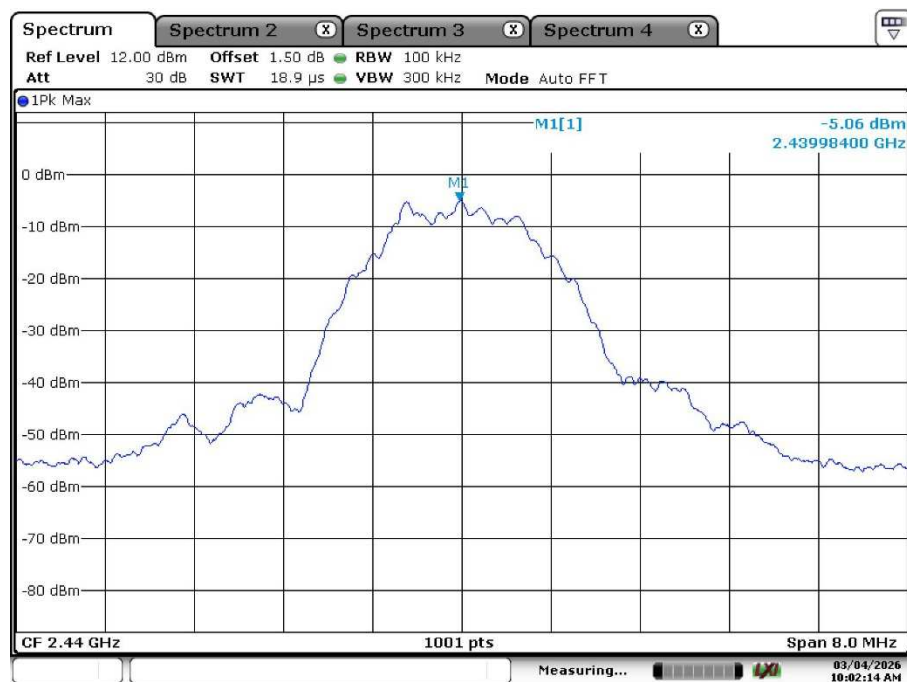


Conducted Spurious Emission

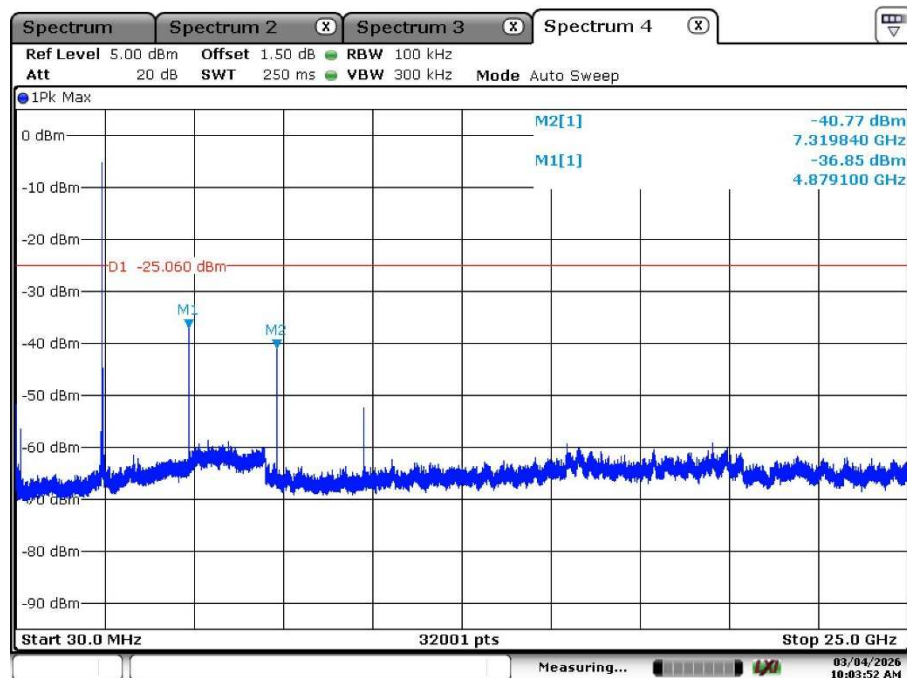
Low Channel:



Middle Channel:

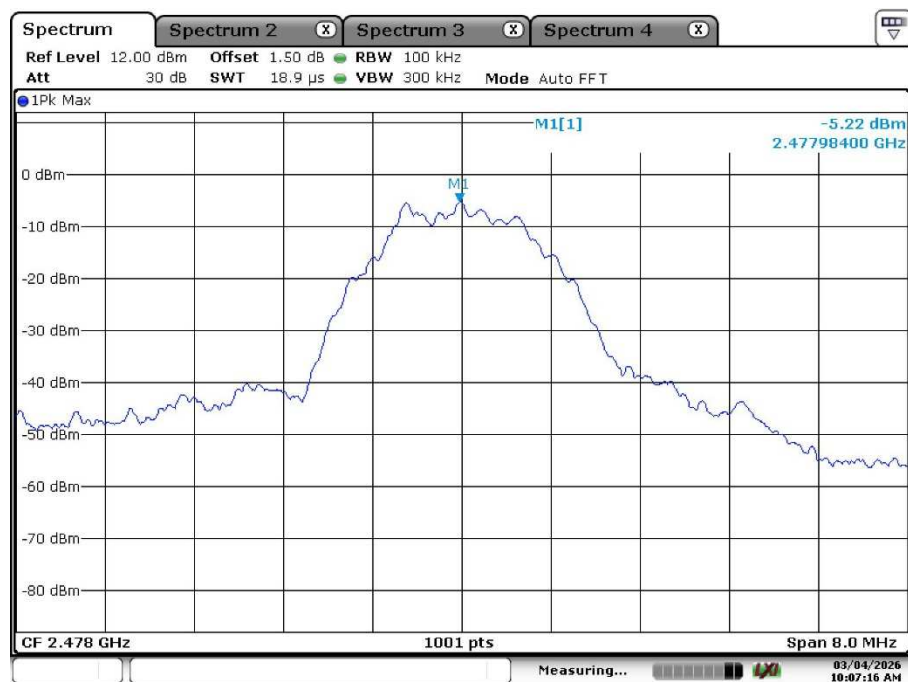


Date: 4.MAR.2026 10:02:14

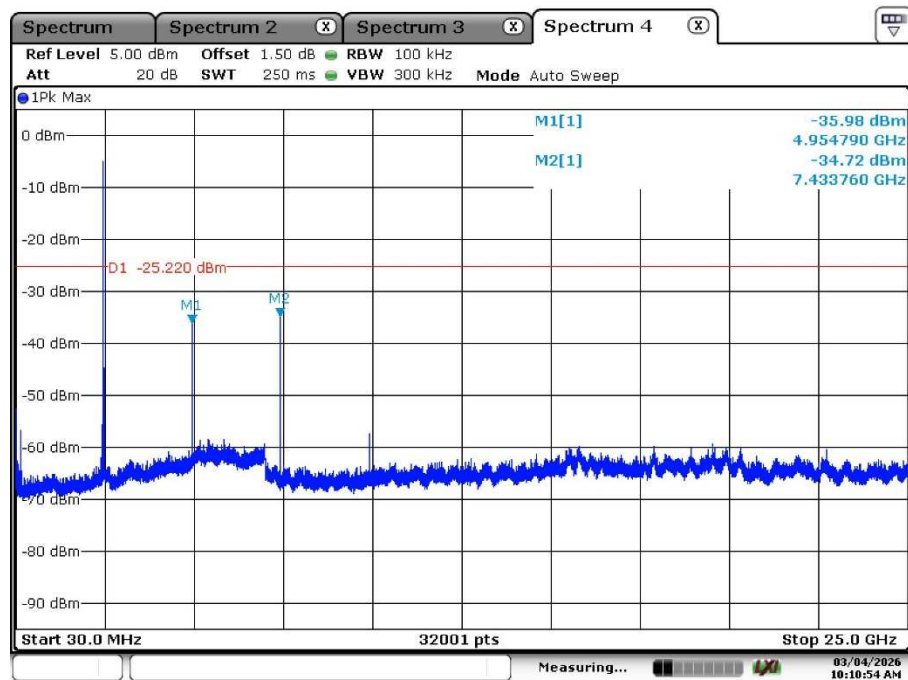


Date: 4.MAR.2026 10:03:52

High Channel:



Date: 4.MAR.2026 10:07:16



Date: 4.MAR.2026 10:10:54

Appendix B.5: Test Results of Radiated Spurious Emissions

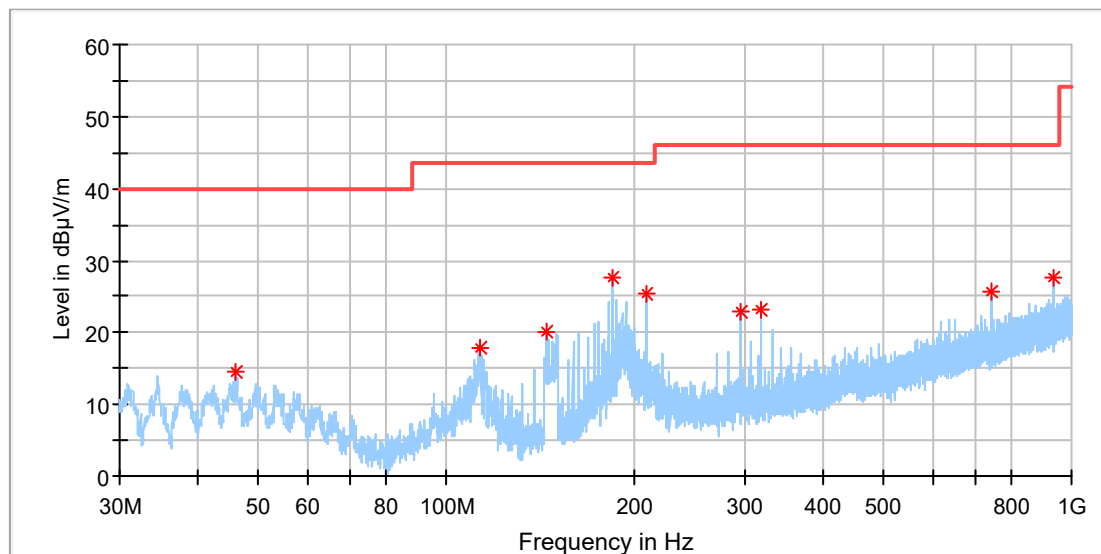
Note:

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

30 MHz - 1GHz

EUT Information

EUT Name:	2.1CH Soundbar with Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

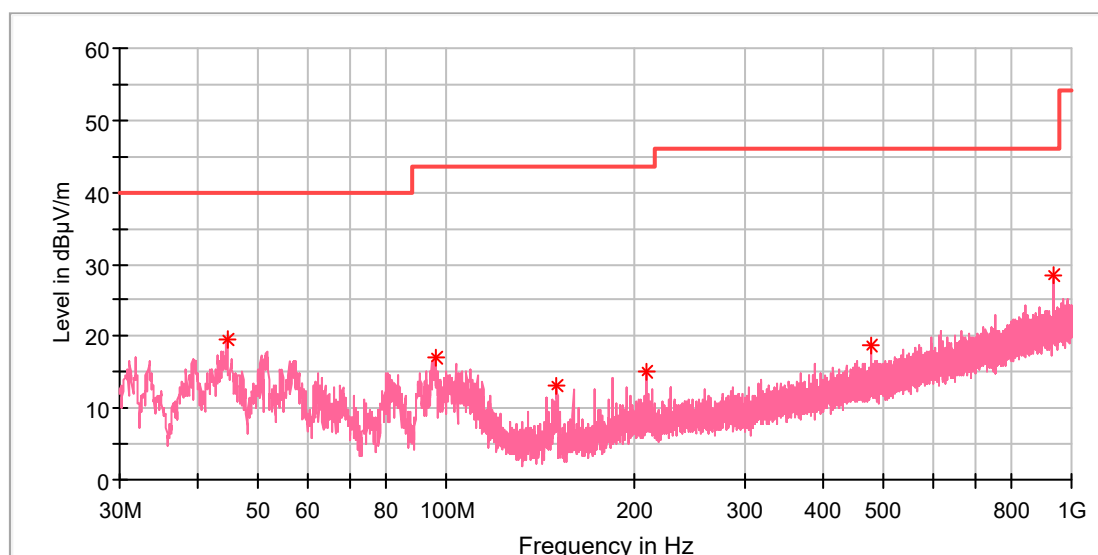
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
46.005000	14.57	40.00	25.43	100.0	H	92.0	-18.8
113.581667	17.82	43.50	25.68	100.0	H	252.0	-19.7
144.352222	20.10	43.50	23.40	100.0	H	52.0	-22.4
184.337778	27.55	43.50	15.95	100.0	H	22.0	-20.2
208.911111	25.34	43.50	18.16	100.0	H	14.0	-18.9
294.917778	22.80	46.00	23.20	100.0	H	123.0	-16.4
319.491111	23.29	46.00	22.71	100.0	H	316.0	-15.7
742.518889	25.70	46.00	20.30	100.0	H	358.0	-7.2
938.405000	27.54	46.00	18.46	100.0	H	287.0	-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:	2.1CH Soundbar with Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	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)
44.550000	19.62	40.00	20.38	100.0	V	304.0	-19.0
95.960000	16.95	43.50	26.55	100.0	V	0.0	-19.7
150.280000	13.07	43.50	30.43	100.0	V	0.0	-22.3
208.911111	15.17	43.50	28.33	100.0	V	71.0	-18.9
479.217778	18.83	46.00	27.17	100.0	V	174.0	-12.2
938.458889	28.53	46.00	17.47	100.0	V	79.0	-4.4

Final_Result

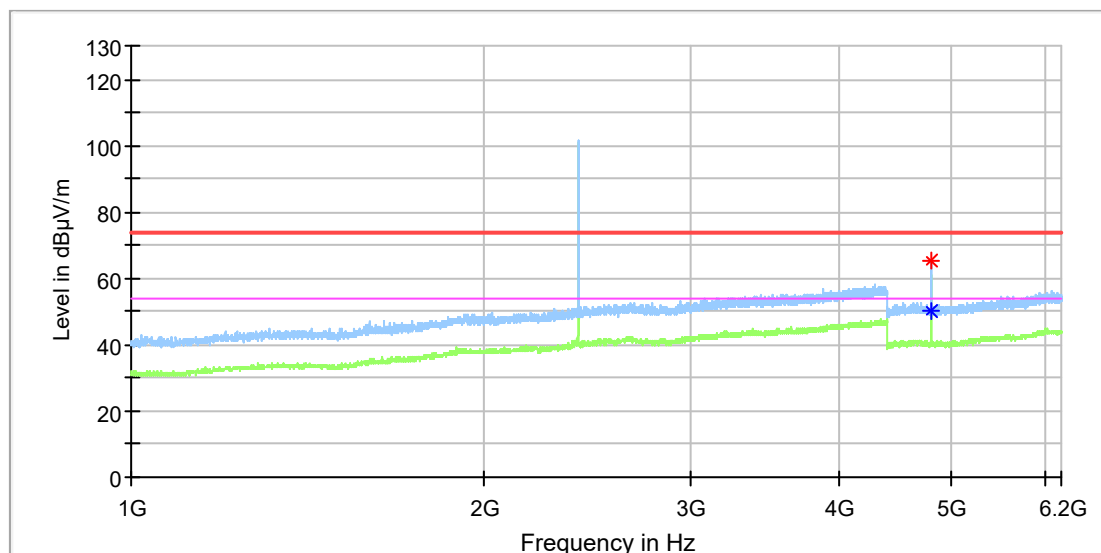
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

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

EUT Information

EUT Name:	2.1CH Soundbar with Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

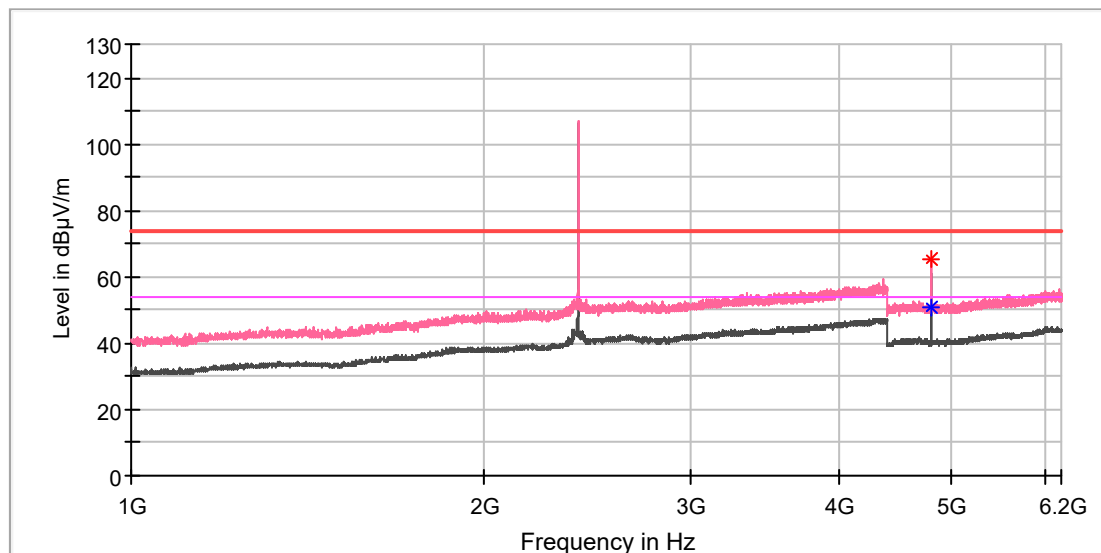
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4802.500000	---	50.27	54.00	3.73	150.0	H	284.0	13.3
4804.000000	65.48	---	74.00	8.52	150.0	H	284.0	13.3

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:	2.1CH Soundbar with Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

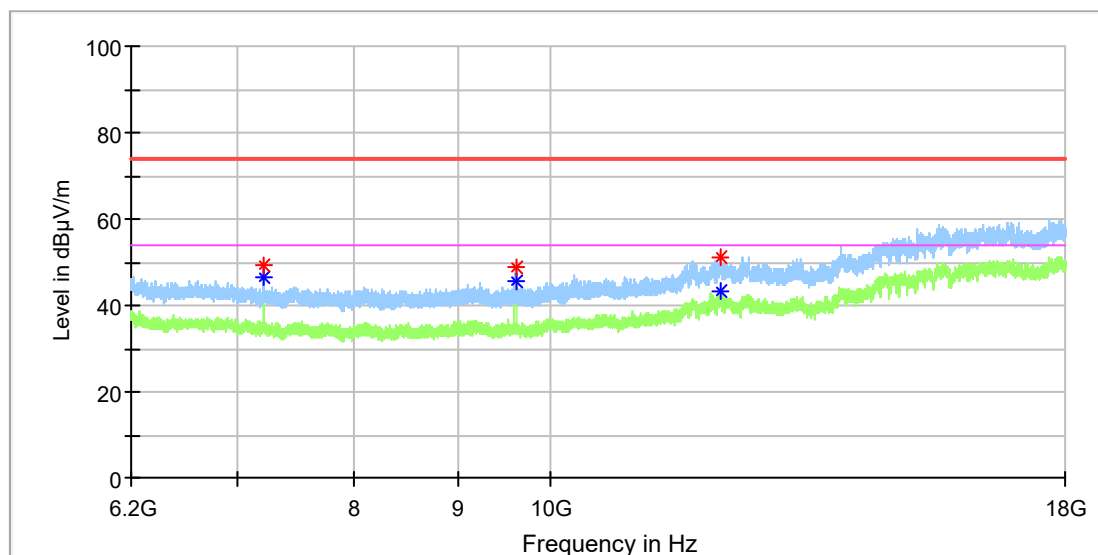
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4804.000000	---	50.67	54.00	3.33	150.0	V	267.0	13.3
4804.000000	65.11	---	74.00	8.89	150.0	V	267.0	13.3

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:	2.1CH Soundbar with Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

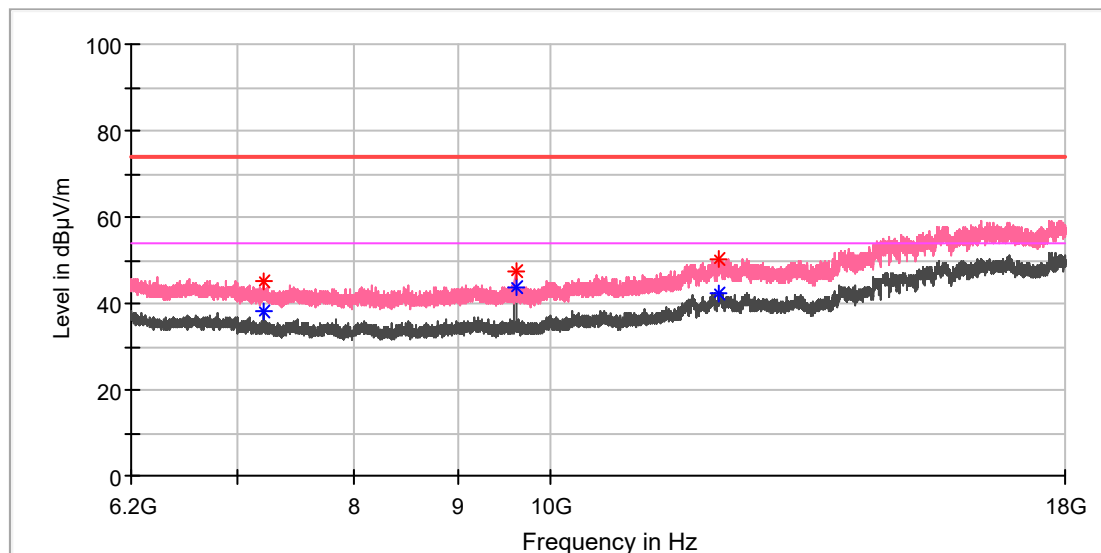
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7205.458333	49.33	---	74.00	24.67	150.0	H	273.0	8.8
7205.950000	---	46.63	54.00	7.37	150.0	H	273.0	8.8
9607.741667	48.84	---	74.00	25.16	150.0	H	295.0	10.4
9607.741667	---	45.44	54.00	8.56	150.0	H	295.0	10.4
12143.758333	---	43.14	54.00	10.86	150.0	H	343.0	16.6
12157.525000	50.98	---	74.00	23.02	150.0	H	216.0	16.3

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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EUT Information

EUT Name:	2.1CH Soundbar with Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

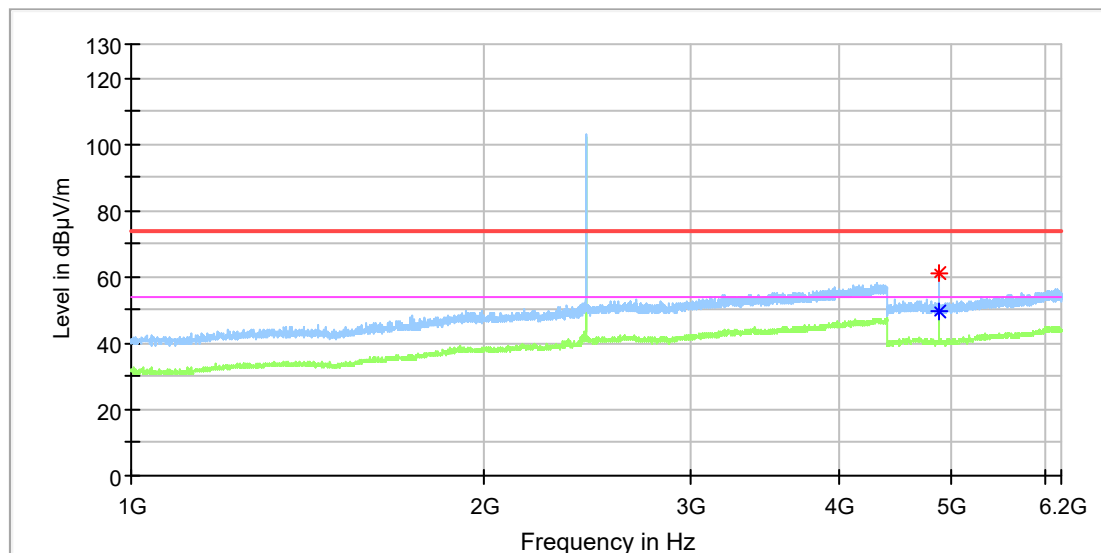
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7205.950000	---	38.02	54.00	15.98	150.0	V	337.0	8.8
7208.900000	45.24	---	74.00	28.76	150.0	V	208.0	8.8
9607.741667	47.59	---	74.00	26.41	150.0	V	316.0	10.4
9607.741667	---	43.89	54.00	10.11	150.0	V	316.0	10.4
12121.141667	50.23	---	74.00	23.77	150.0	V	4.0	16.0
12131.466667	---	42.52	54.00	11.48	150.0	V	274.0	16.2

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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EUT Information

EUT Name:	2.1CH Soundbar with Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

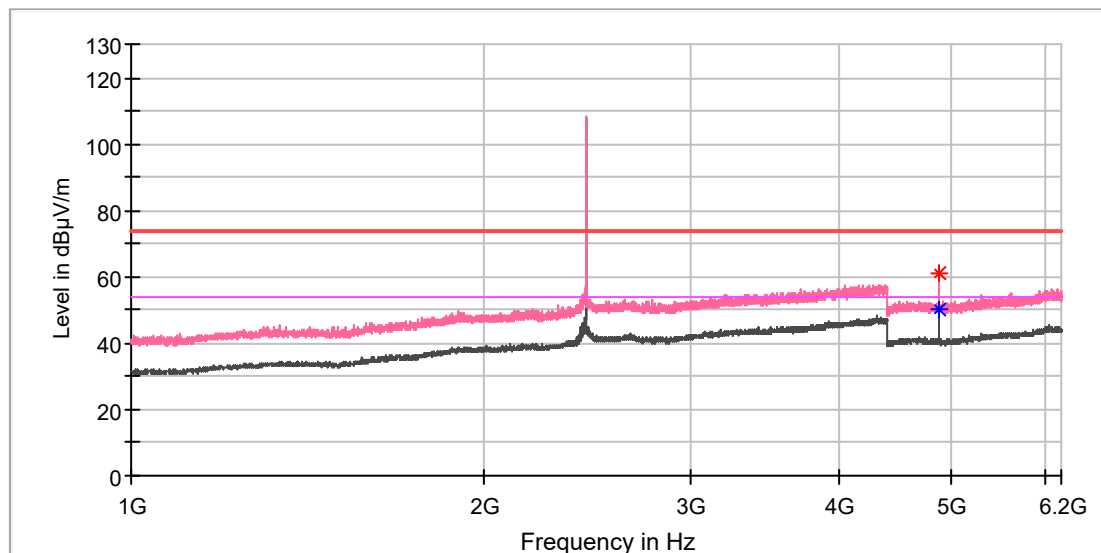
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4880.000000	60.96	---	74.00	13.04	150.0	H	286.0	13.3
4881.000000	---	49.76	54.00	4.24	150.0	H	281.0	13.3

Final Result

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

EUT Name:	2.1CH Soundbar with Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

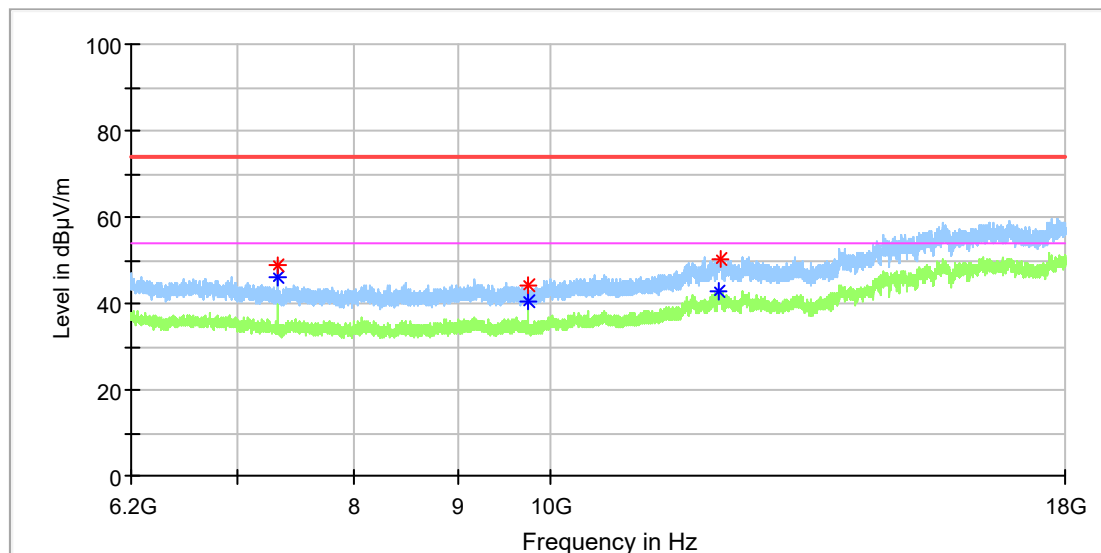
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4880.000000	60.90	---	74.00	13.10	150.0	V	264.0	13.3
4881.000000	---	49.89	54.00	4.11	150.0	V	271.0	13.3

Final Result

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

EUT Name:	2.1CH Soundbar with Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

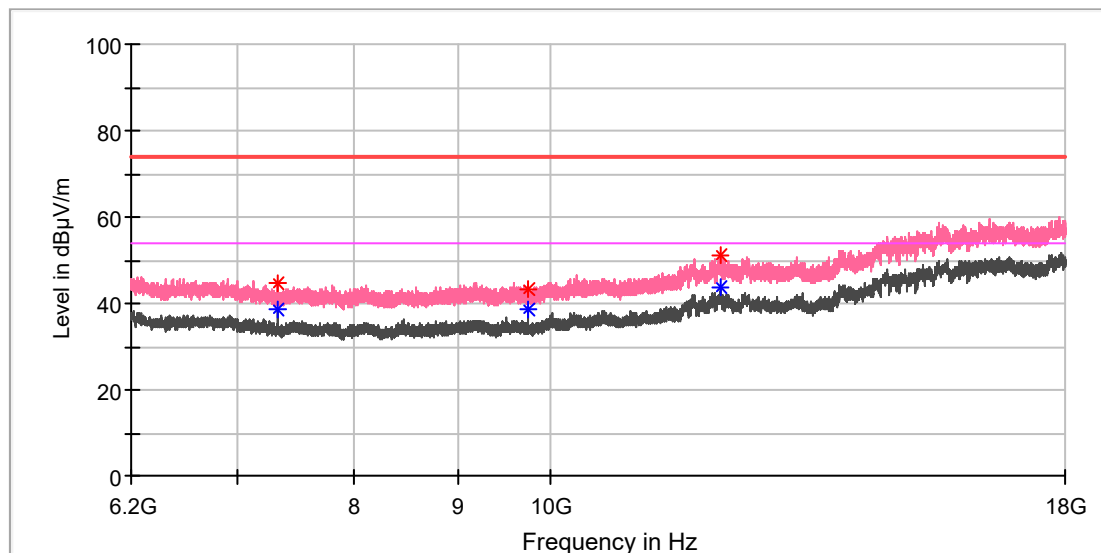
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7319.525000	---	46.11	54.00	7.89	150.0	H	254.0	8.2
7319.525000	48.67	---	74.00	25.33	150.0	H	254.0	8.2
9759.666667	---	40.27	54.00	13.73	150.0	H	302.0	10.4
9760.158333	44.25	---	74.00	29.75	150.0	H	302.0	10.4
12129.991667	---	43.01	54.00	10.99	150.0	H	14.0	16.2
12159.000000	50.23	---	74.00	23.77	150.0	H	144.0	16.3

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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EUT Information

EUT Name:	2.1CH Soundbar with Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	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	---	38.71	54.00	15.29	150.0	V	274.0	8.2
7320.016667	44.42	---	74.00	29.58	150.0	V	274.0	8.2
9759.666667	43.29	---	74.00	30.71	150.0	V	316.0	10.4
9759.666667	---	38.65	54.00	15.35	150.0	V	316.0	10.4
12149.166667	---	43.66	54.00	10.34	150.0	V	283.0	16.7
12156.541667	51.20	---	74.00	22.80	150.0	V	129.0	16.4

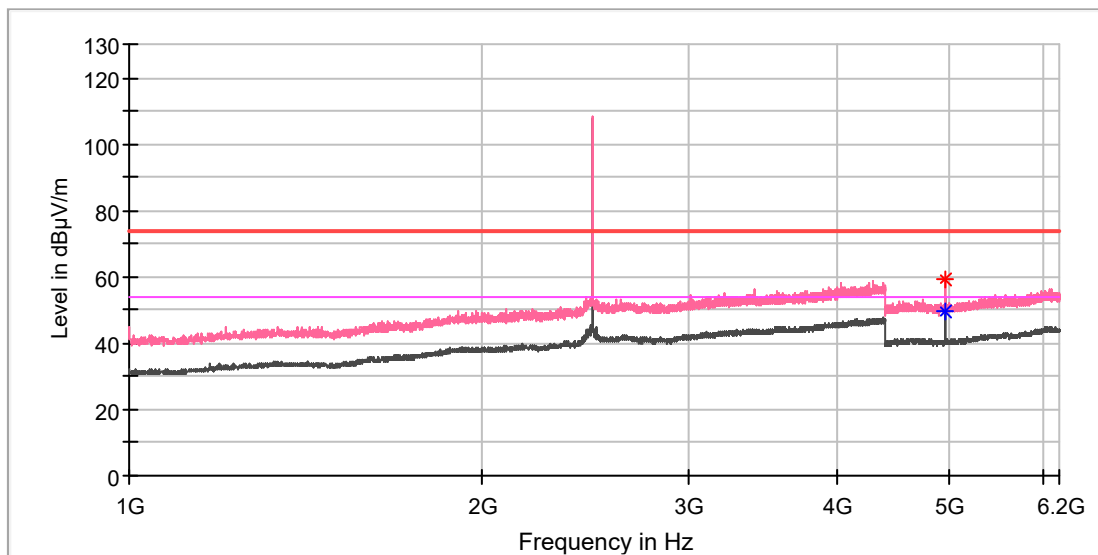
Final_Result

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

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:	2.1CH Soundbar with Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 1M_High channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

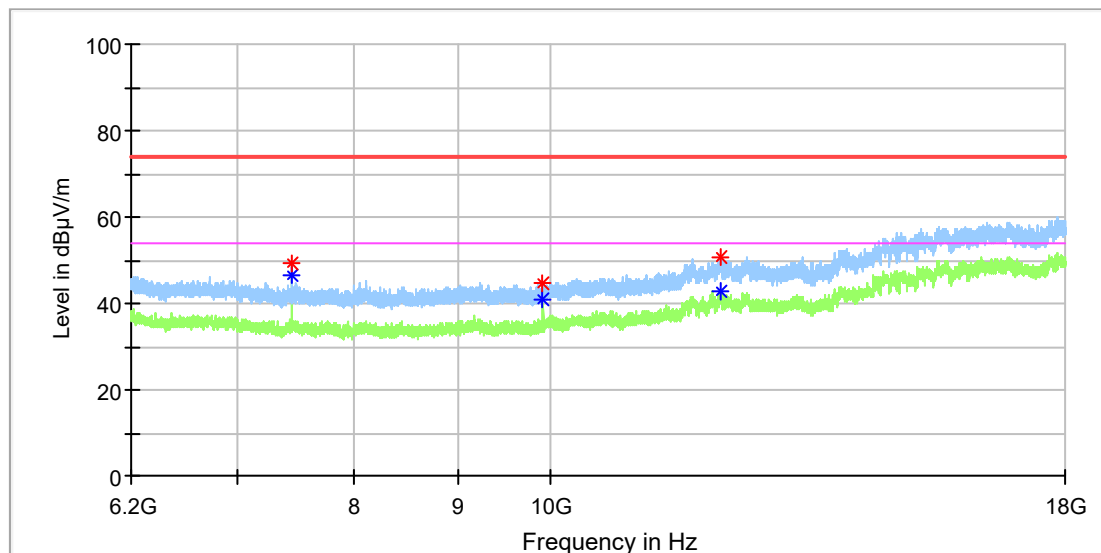
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4959.000000	---	49.84	54.00	4.16	150.0	V	270.0	13.3
4959.500000	58.99	---	74.00	15.01	150.0	V	270.0	13.3

Final Result

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

EUT Information

EUT Name:	2.1CH Soundbar with Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 1M_High channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

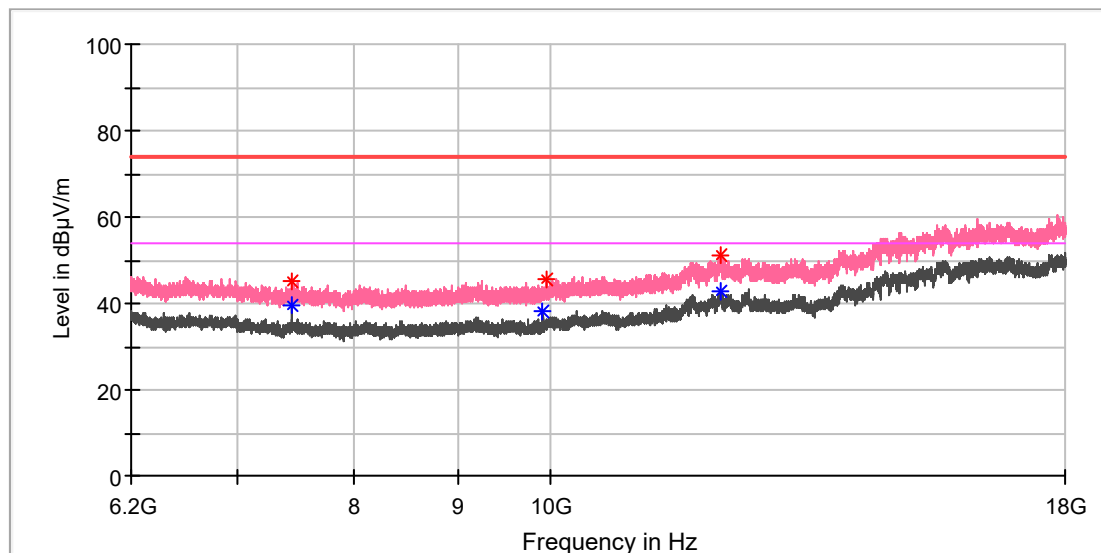
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7439.983333	49.17	---	74.00	24.83	150.0	H	250.0	8.4
7439.983333	---	46.35	54.00	7.65	150.0	H	250.0	8.4
9919.950000	44.63	---	74.00	29.37	150.0	H	289.0	10.8
9919.950000	---	40.82	54.00	13.18	150.0	H	289.0	10.8
12137.858333	50.81	---	74.00	23.19	150.0	H	289.0	16.4
12148.183333	---	42.57	54.00	11.43	150.0	H	0.0	16.7

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:	2.1CH Soundbar with Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 1M_High channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	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	44.98	---	74.00	29.02	150.0	V	170.0	8.4
7439.983333	---	39.63	54.00	14.37	150.0	V	158.0	8.4
9919.950000	---	37.99	54.00	16.01	150.0	V	0.0	10.8
9950.433333	45.64	---	74.00	28.36	150.0	V	51.0	10.9
12143.758333	---	42.87	54.00	11.13	150.0	V	41.0	16.6
12152.116667	51.10	---	74.00	22.90	150.0	V	1.0	16.6

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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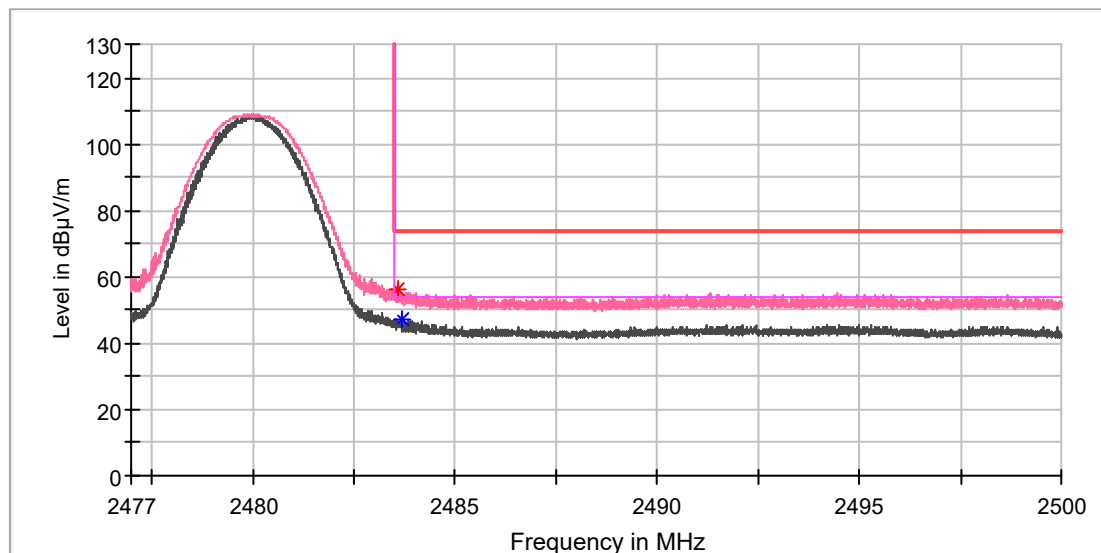
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
90.00	-68.70	-68.70	-68.70	31.30	1.00	V	0.00	0.00

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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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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EUT Information

EUT Name:	2.1CH Soundbar with Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 1M_High channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

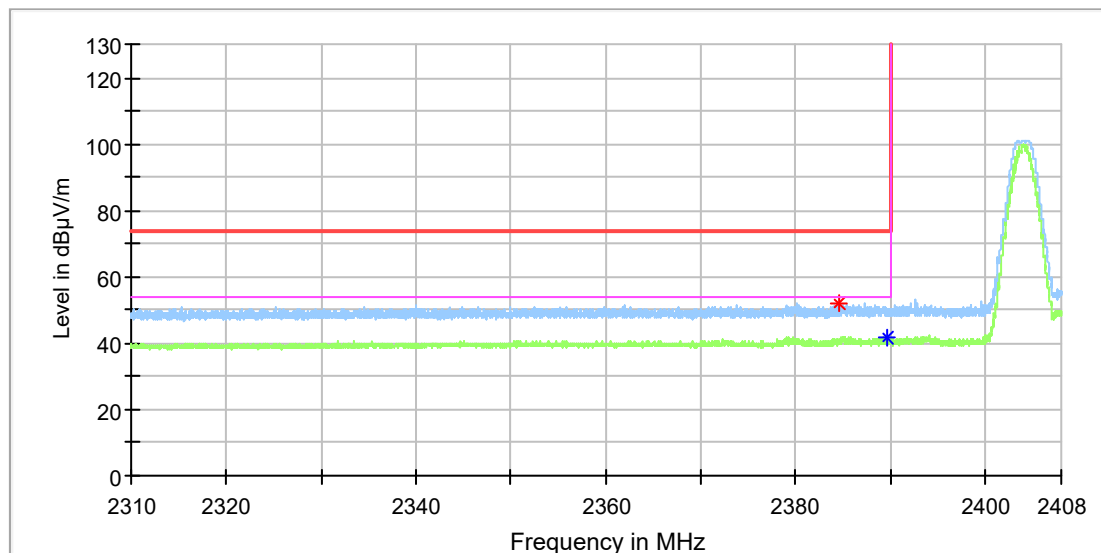
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.602353	56.03	---	74.00	17.97	150.0	V	93.0	9.0
2483.703824	---	46.97	54.00	7.03	150.0	V	85.0	9.0

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:	2.1CH Soundbar with Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 2M_Low channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	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)
2384.494412	52.19	---	74.00	21.81	150.0	H	107.0	8.5
2389.625000	---	42.02	54.00	11.98	150.0	H	101.0	8.5

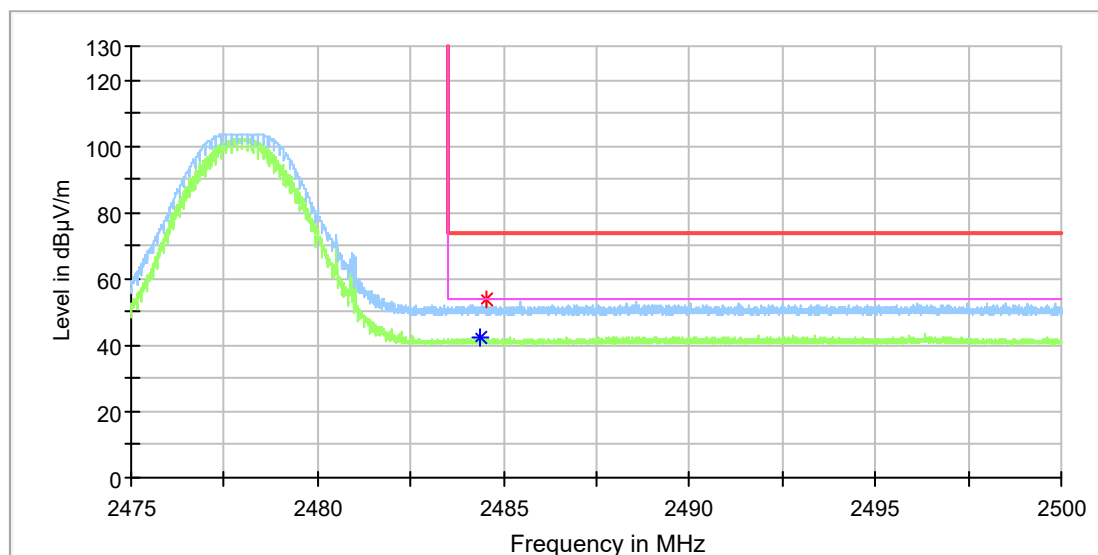
Final Result

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

EUT Information

EUT Information

EUT Name:	2.1CH Soundbar with Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 2M_High channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

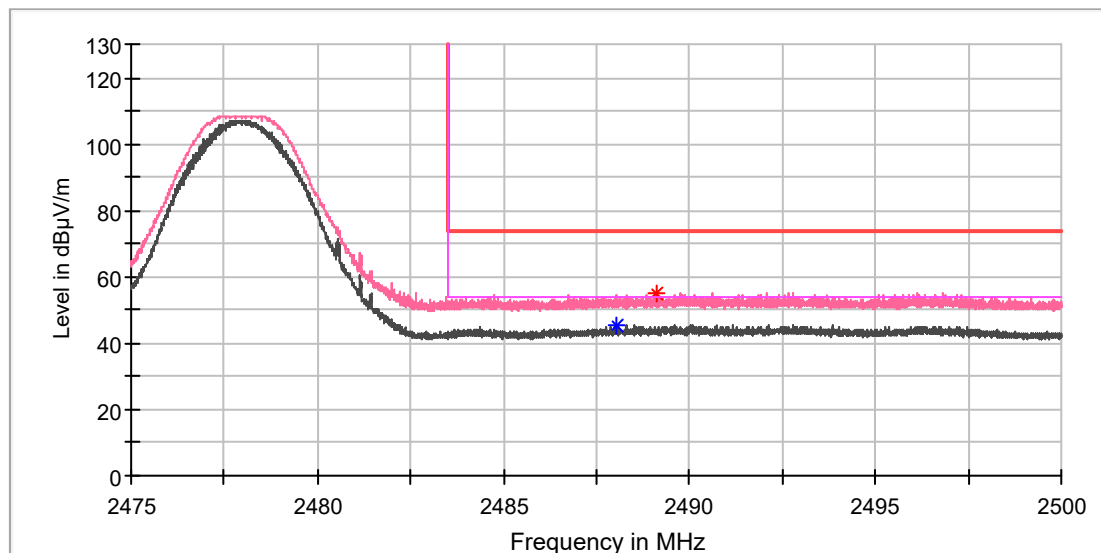
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.397059	---	42.28	54.00	11.72	150.0	H	107.0	9.0
2484.544118	53.59	---	74.00	20.41	150.0	H	107.0	9.0

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:	2.1CH Soundbar with Wireless Subwoofer
Model:	HS2100S
Test Mode:	BLE 2M_High channel
Order No/Sample No:	27219521/A004198499-003
Test Voltage:	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)
2488.033088	---	45.61	54.00	8.39	150.0	V	85.0	9.0
2489.113971	55.31	---	74.00	18.69	150.0	V	85.0	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)
---	---	---	---	---	---		---	---