

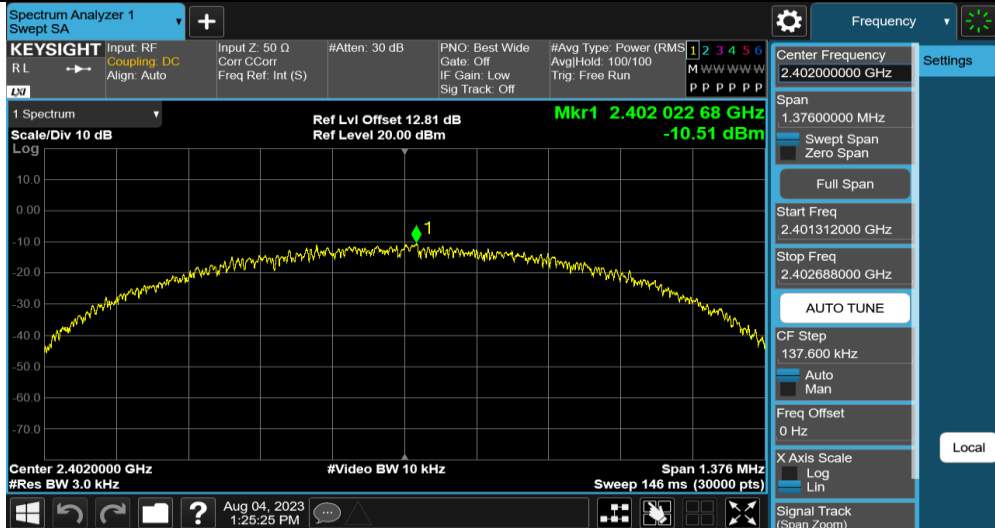
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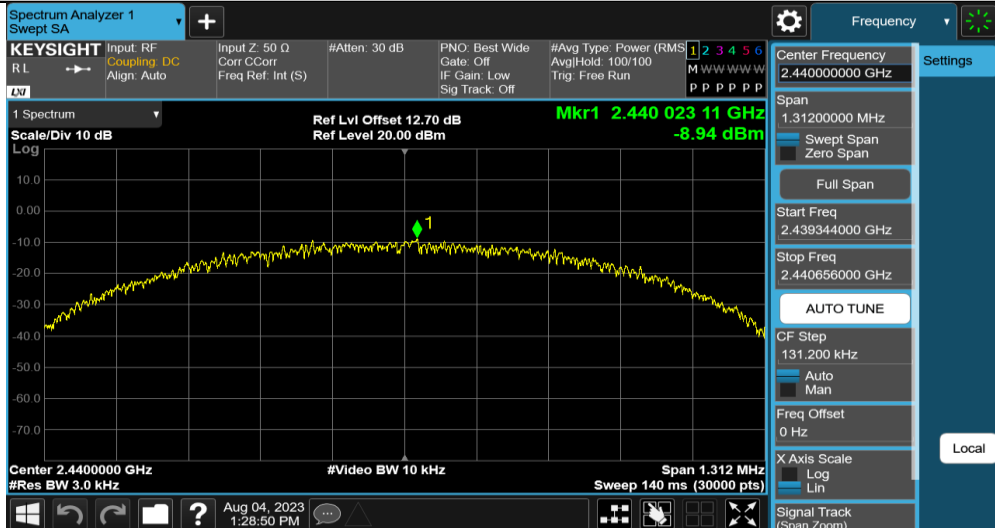
Appendix B.1: Test Results of Conducted Power Spectral Density

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-10.51	≤8.00	PASS
		2440	-8.94	≤8.00	PASS
		2480	-7.85	≤8.00	PASS
BLE_2M	Ant1	2402	-13.8	≤8.00	PASS
		2440	-12.27	≤8.00	PASS
		2480	-11.11	≤8.00	PASS

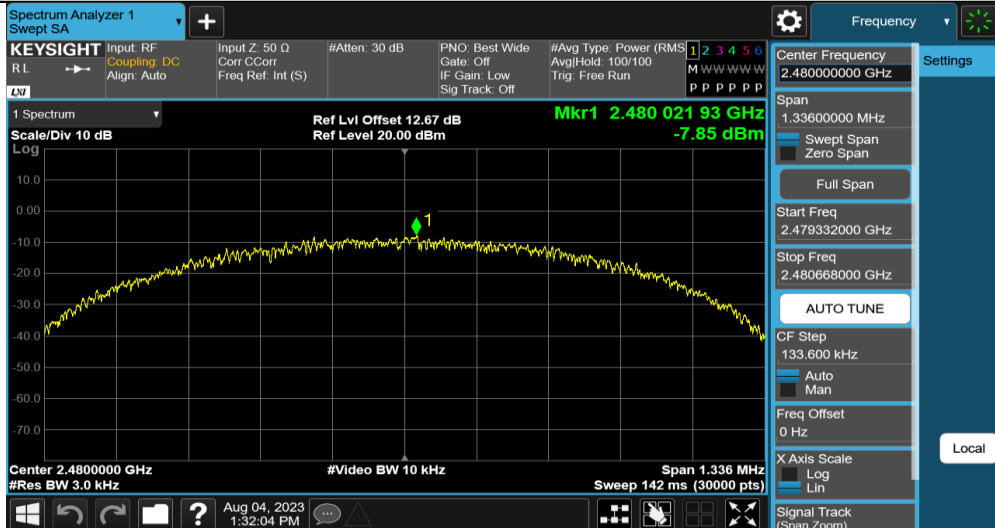
BLE_1M_Ant1_2402



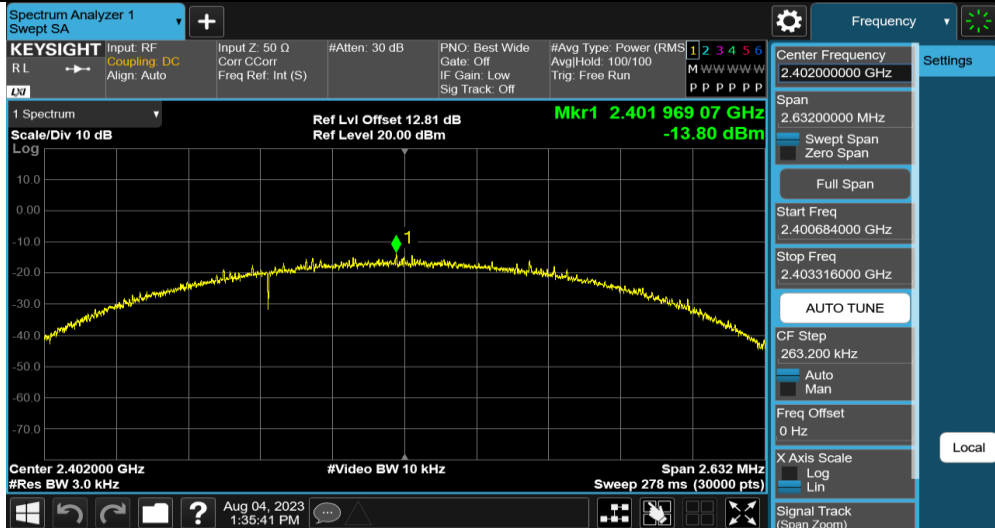
BLE_1M_Ant1_2440



BLE_1M_Ant1_2480



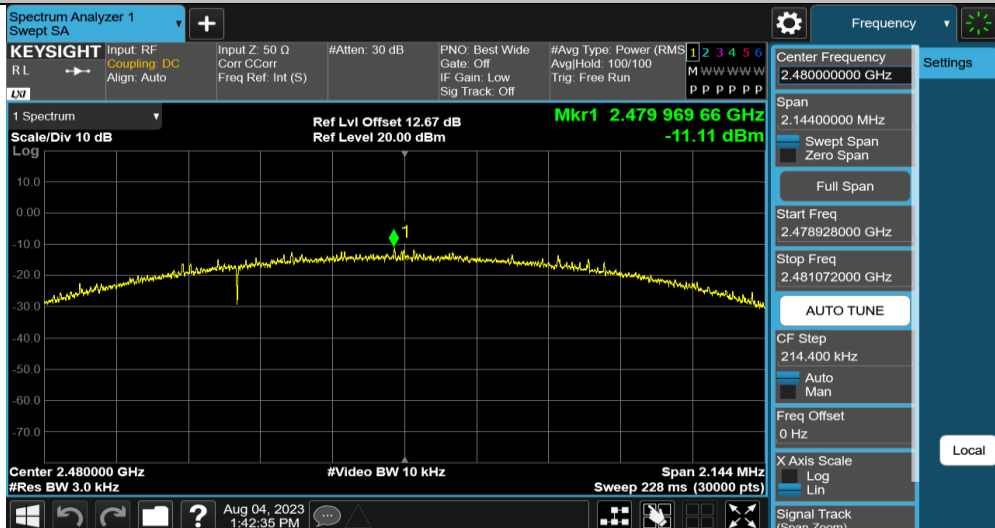
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



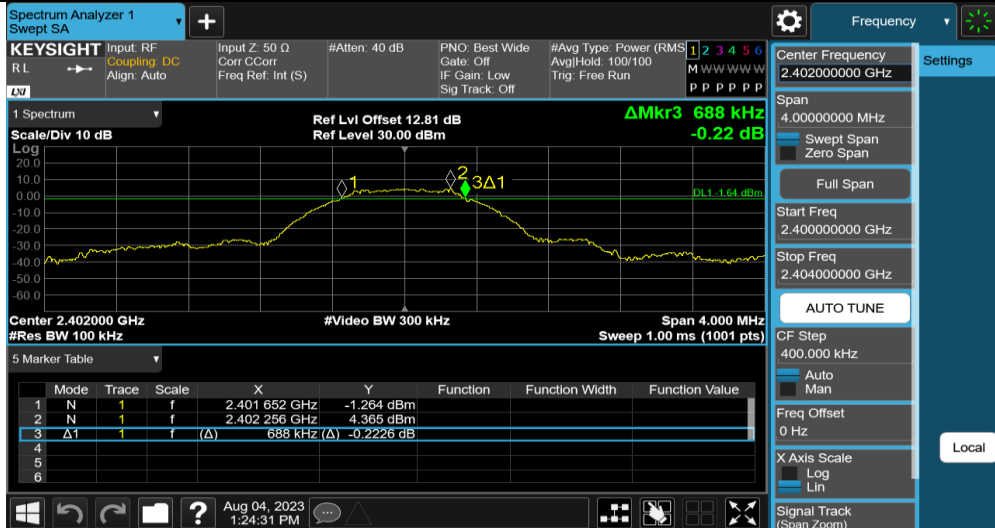
BLE_2M_Ant1_2480



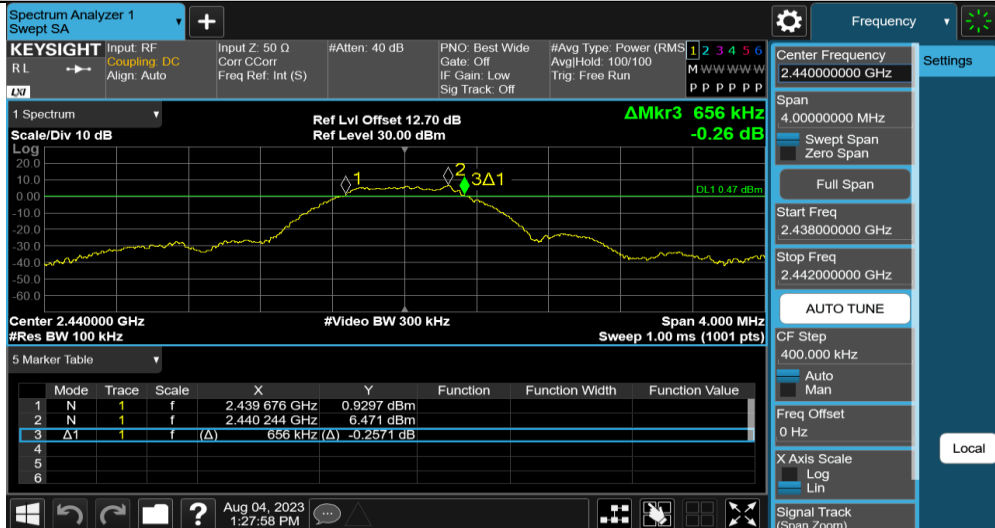
Appendix B.2: Test Results of 6dB Bandwidth

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.688	2401.652	2402.340	0.5	PASS
		2440	0.656	2439.676	2440.332	0.5	PASS
		2480	0.668	2479.664	2480.332	0.5	PASS
BLE_2M	Ant1	2402	1.316	2401.324	2402.640	0.5	PASS
		2440	1.268	2439.384	2440.652	0.5	PASS
		2480	1.072	2479.440	2480.512	0.5	PASS

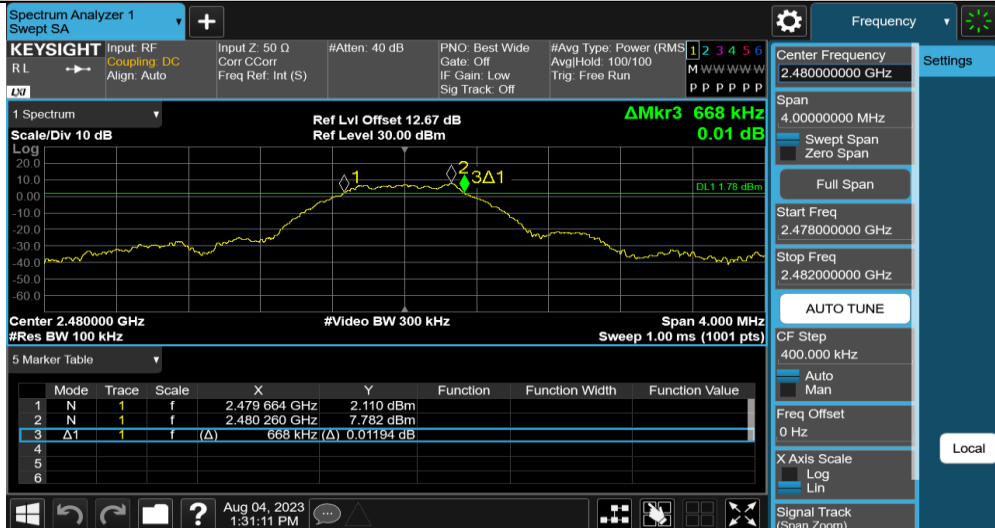
BLE_1M_Ant1_2402



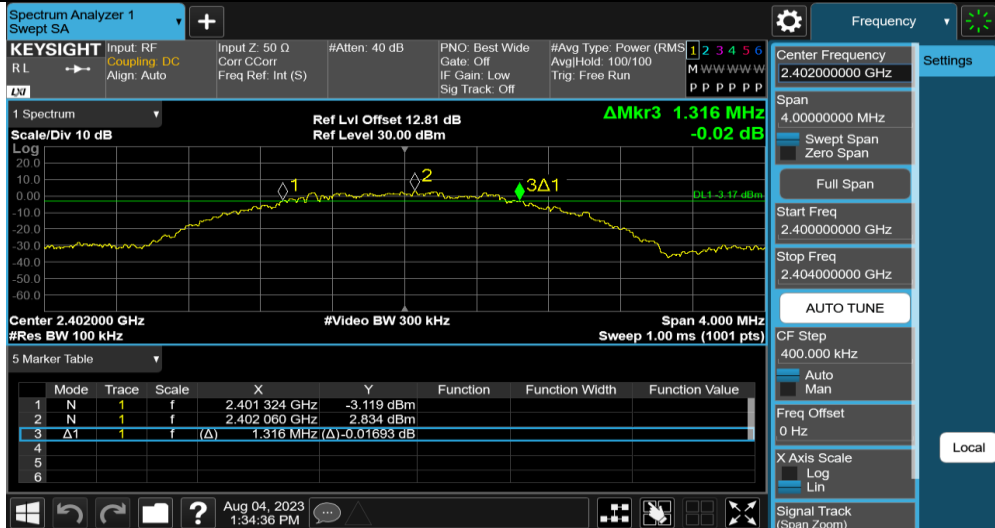
BLE_1M_Ant1_2440



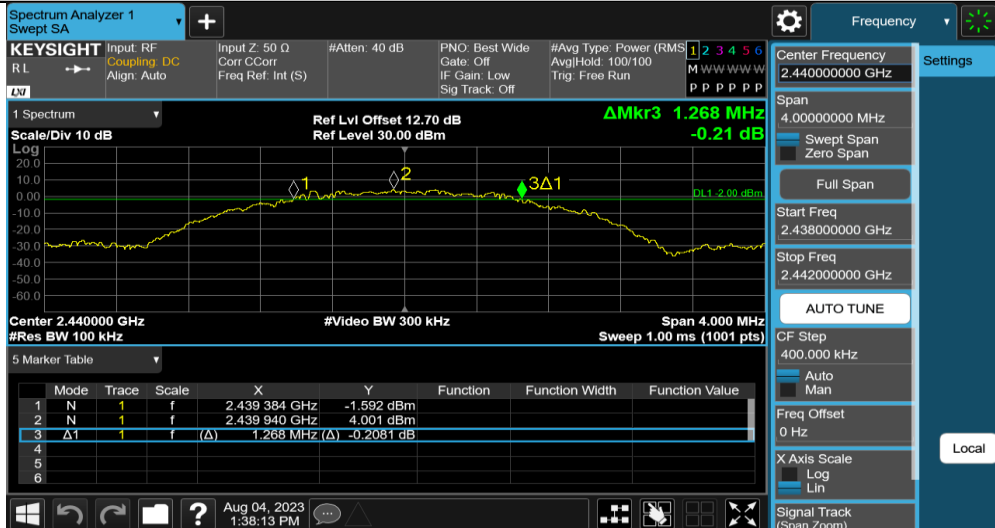
BLE_1M_Ant1_2480



BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



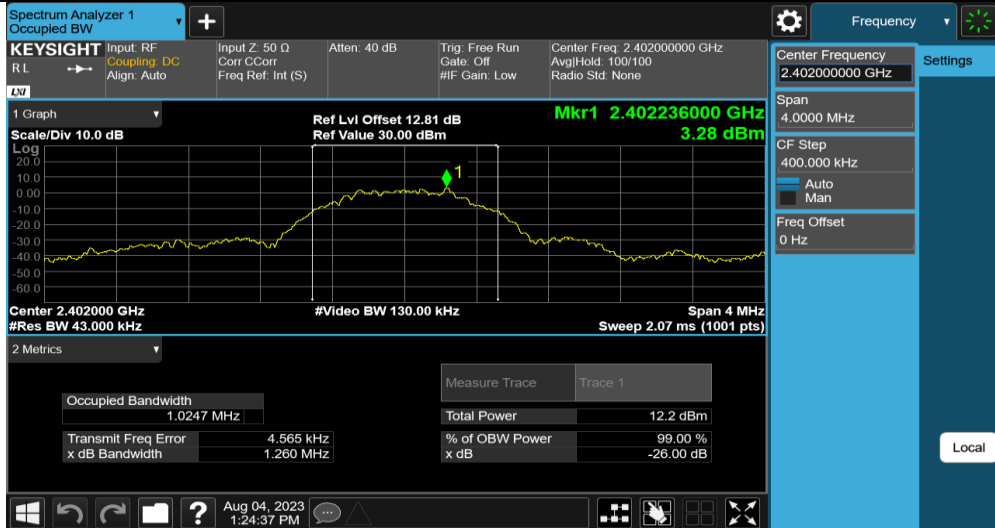
BLE_2M_Ant1_2480



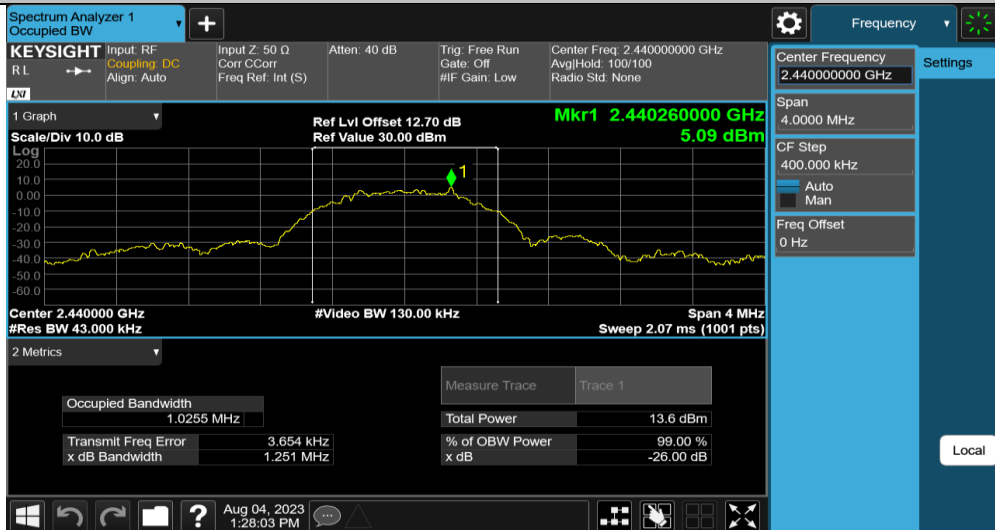
Appendix B.3: Test Results of 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0247	2401.4922	2402.5169	---	PASS
		2440	1.0255	2439.4909	2440.5164	---	PASS
		2480	1.0205	2479.4924	2480.5129	---	PASS
BLE_2M	Ant1	2402	2.0600	2400.9789	2403.0389	---	PASS
		2440	2.0584	2438.9791	2441.0375	---	PASS
		2480	2.0544	2478.9833	2481.0377	---	PASS

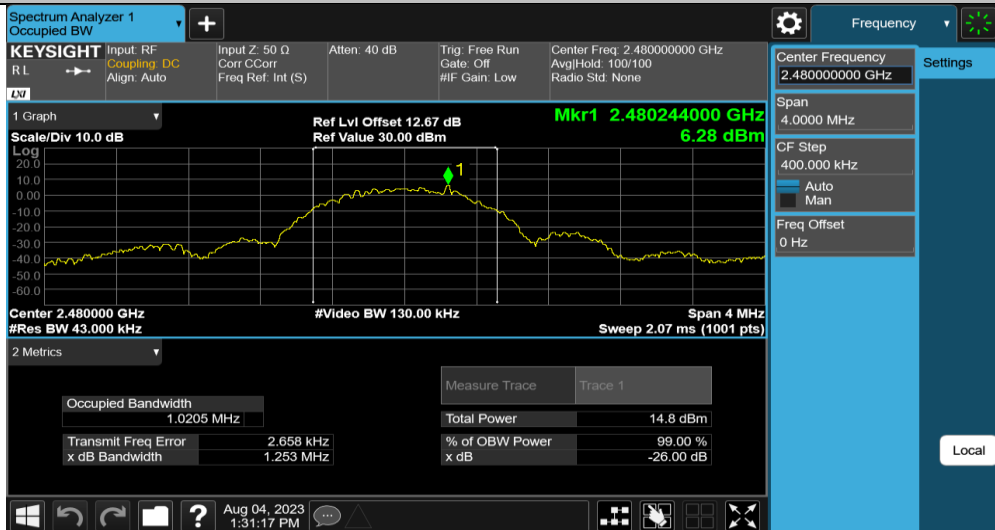
BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480



BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



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

Band Edge

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	4.449	-46.17	≤-15.55	PASS
		High	2480	7.968	-50.27	≤-12.03	PASS
BLE_2M	Ant1	Low	2402	4.29	-31.88	≤-15.71	PASS
		High	2480	7.16	-48.95	≤-12.84	PASS

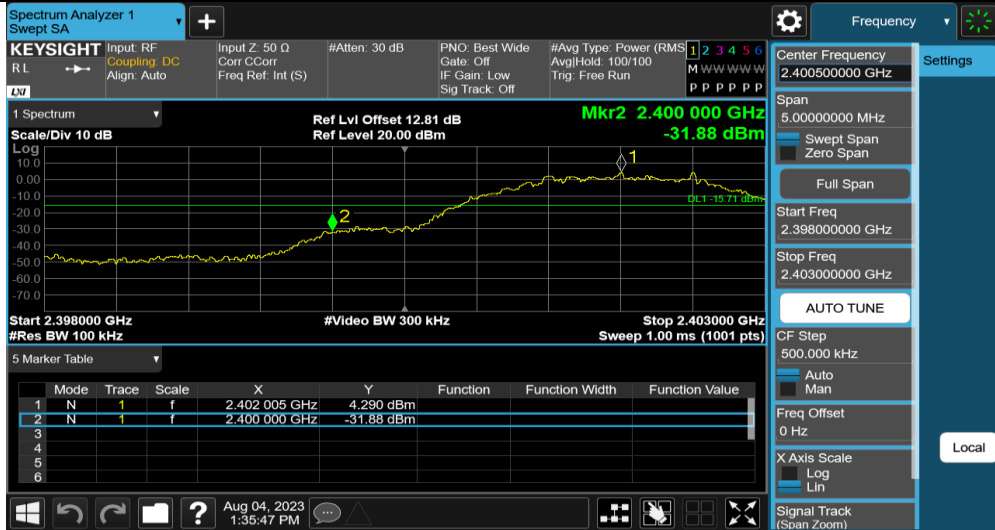
BLE_1M_Ant1_Low_2402



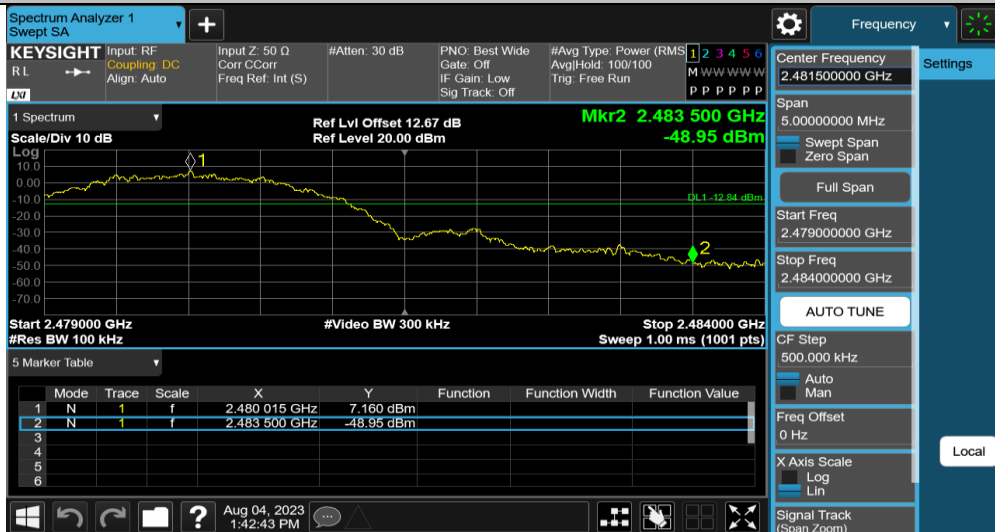
BLE_1M_Ant1_High_2480



BLE_2M_Ant1_Low_2402



BLE_2M_Ant1_High_2480



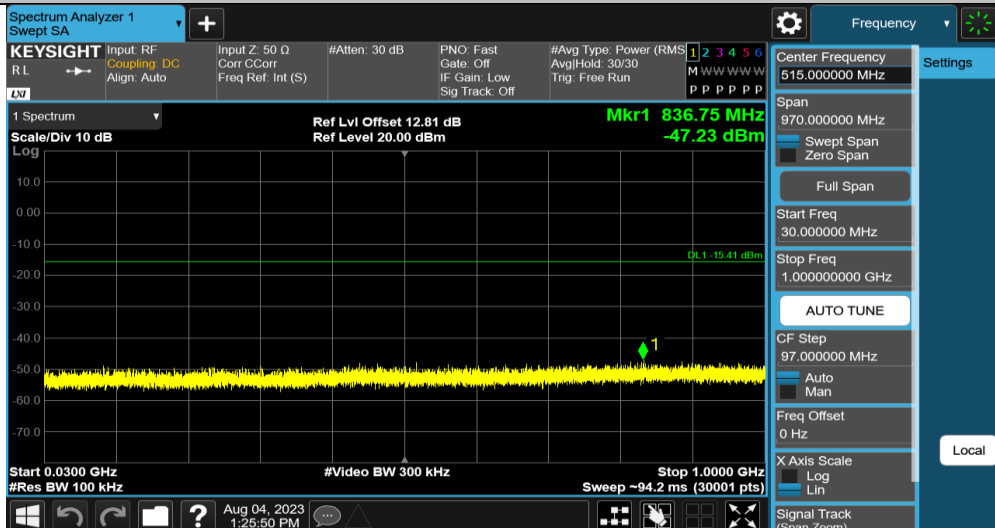
Conducted Spurious Emission

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	4.59	4.59	---	PASS
			30~1000	4.59	-47.23	≤-15.41	PASS
			1000~26500	4.59	-37.2	≤-15.41	PASS
		2440	Reference	6.16	6.16	---	PASS
			30~1000	6.16	-47.52	≤-13.84	PASS
			1000~26500	6.16	-38.28	≤-13.84	PASS
		2480	Reference	7.95	7.95	---	PASS
			30~1000	7.95	-46.54	≤-12.05	PASS
			1000~26500	7.95	-37.59	≤-12.05	PASS
BLE_2M	Ant1	2402	Reference	4.14	4.14	---	PASS
			30~1000	4.14	-46.75	≤-15.86	PASS
			1000~26500	4.14	-38	≤-15.86	PASS
		2440	Reference	5.97	5.97	---	PASS
			30~1000	5.97	-47.18	≤-14.03	PASS
			1000~26500	5.97	-37.4	≤-14.03	PASS
		2480	Reference	7.19	7.19	---	PASS
			30~1000	7.19	-47.45	≤-12.81	PASS
			1000~26500	7.19	-38.07	≤-12.81	PASS

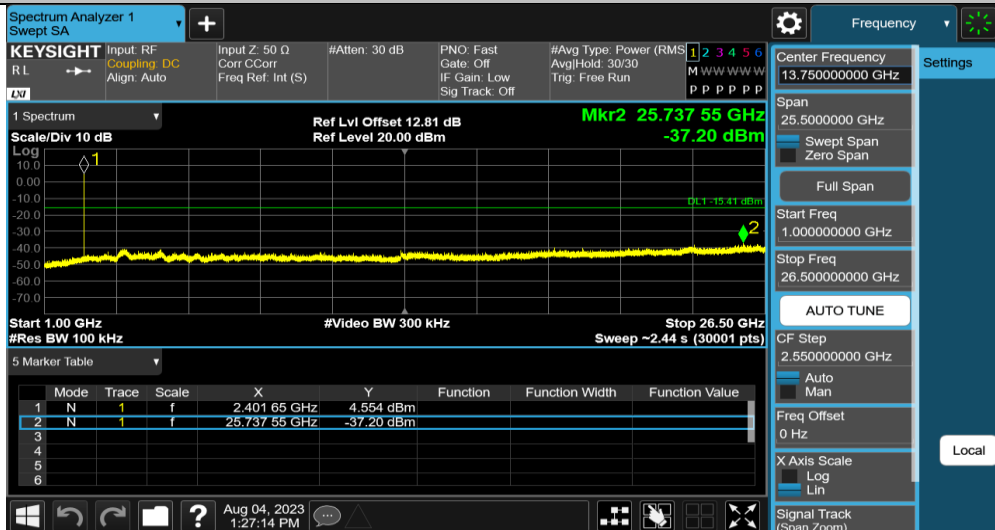
BLE_1M_Ant1_2402_0~Reference



BLE_1M_Ant1_2402_30~1000



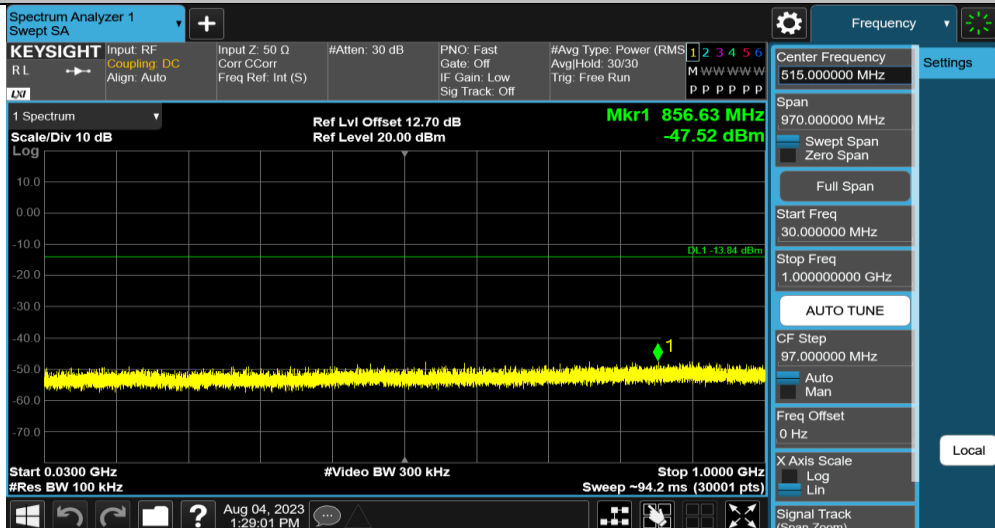
BLE_1M_Ant1_2402_1000~26500



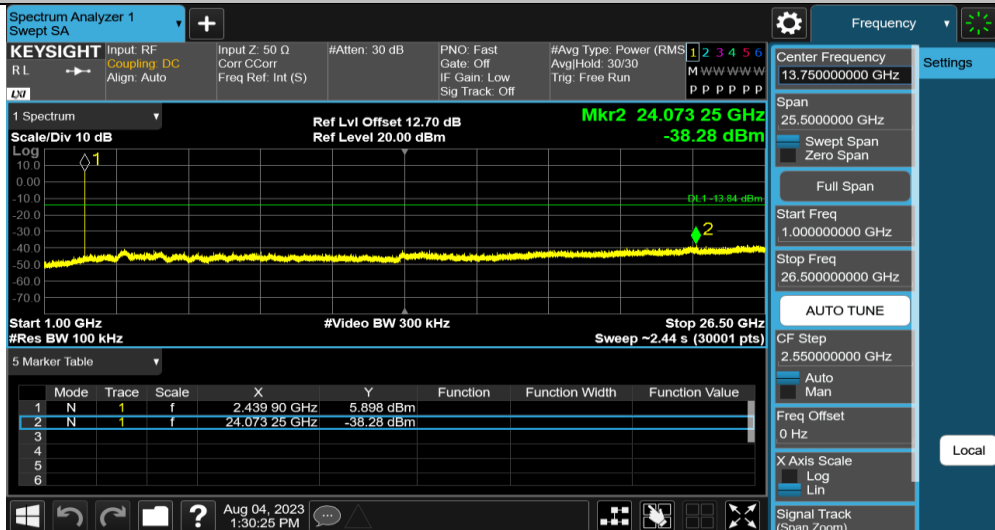
BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



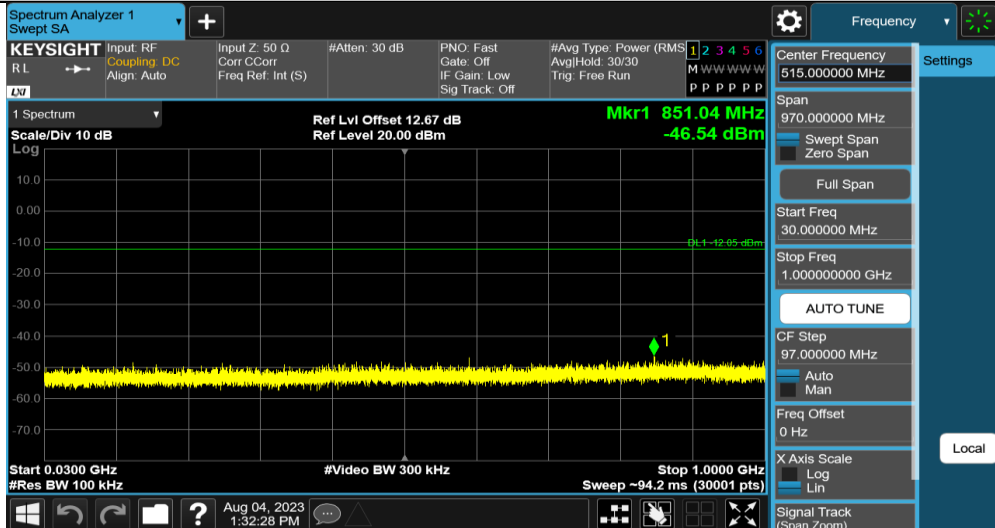
BLE_1M_Ant1_2440_1000~26500



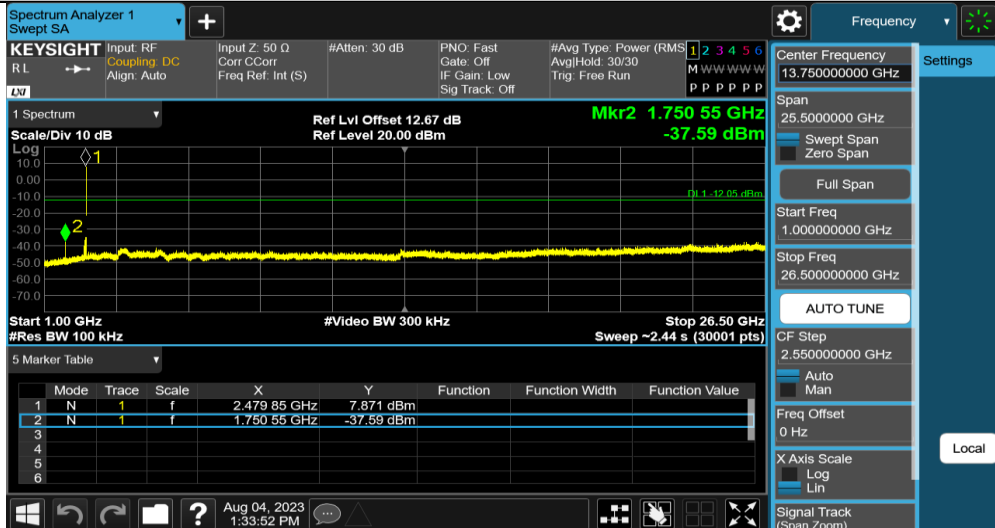
BLE_1M_Ant1_2480_0~Reference



BLE_1M_Ant1_2480_30~1000



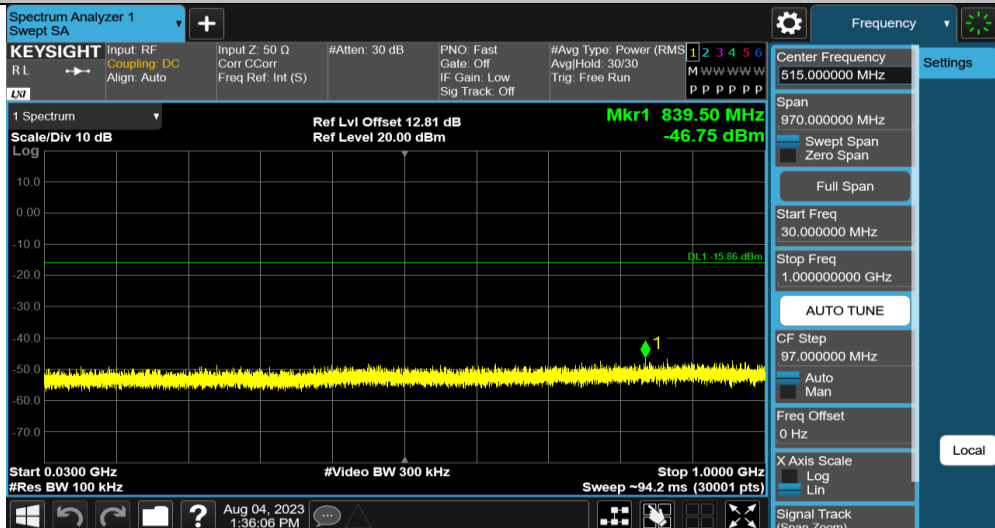
BLE_1M_Ant1_2480_1000~26500



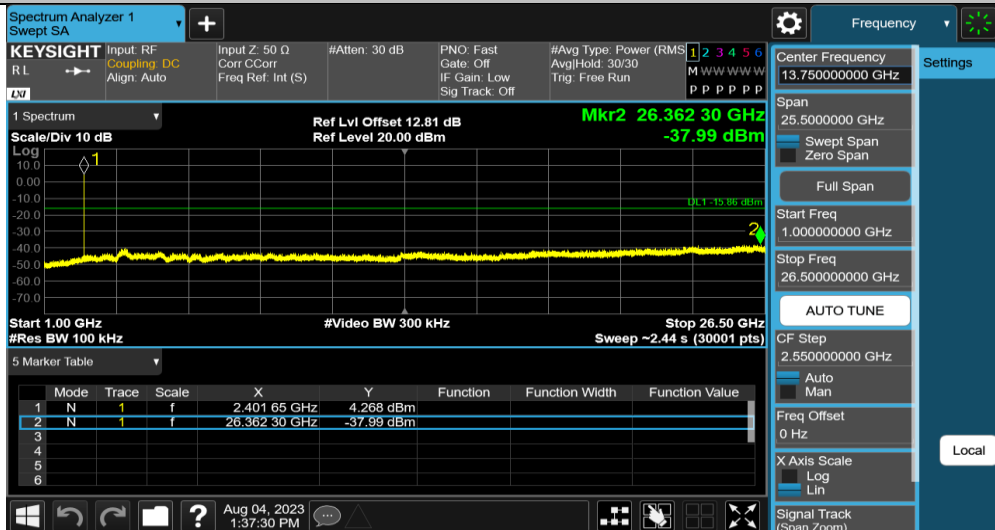
BLE_2M_Ant1_2402_0~Reference



BLE_2M_Ant1_2402_30~1000



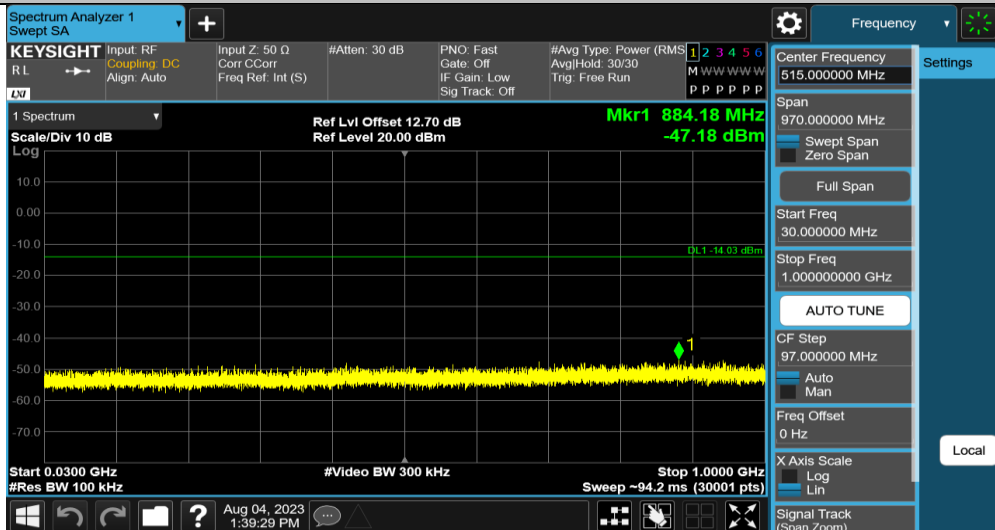
BLE_2M_Ant1_2402_1000~26500



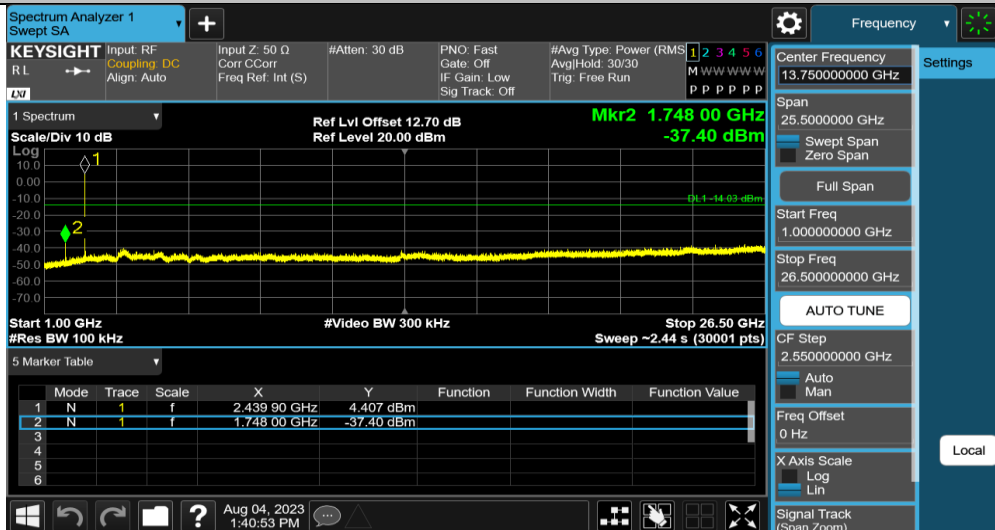
BLE_2M_Ant1_2440_0~Reference



BLE_2M_Ant1_2440_30~1000



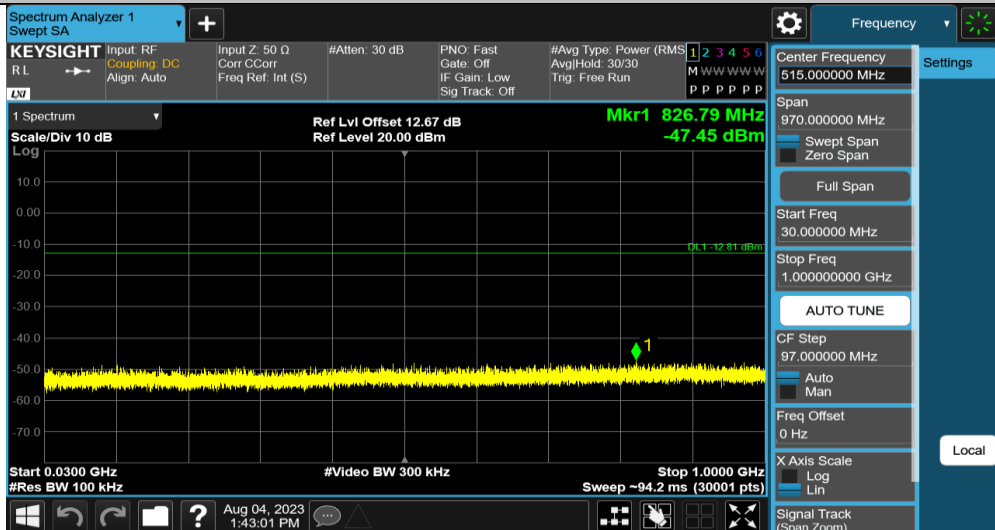
BLE_2M_Ant1_2440_1000~26500



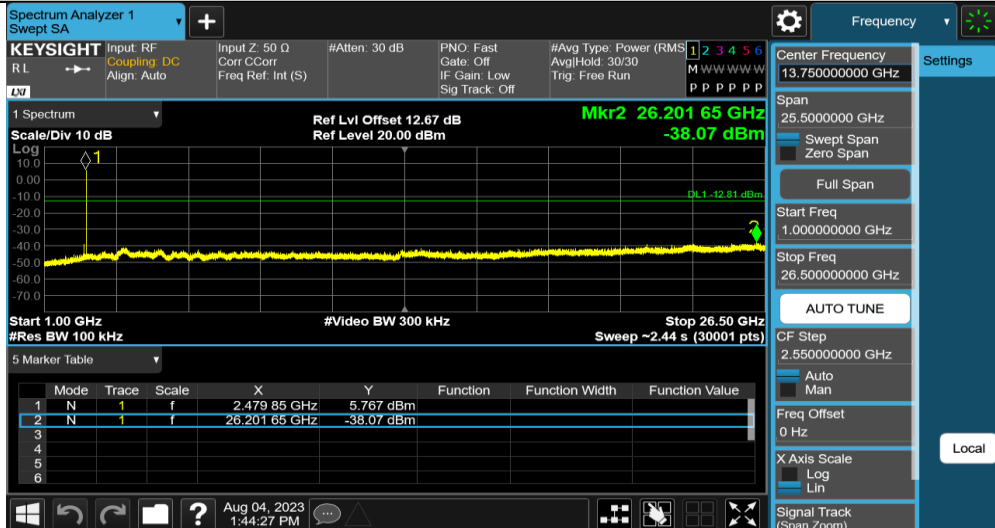
BLE_2M_Ant1_2480_0~Reference



BLE_2M_Ant1_2480_30~1000

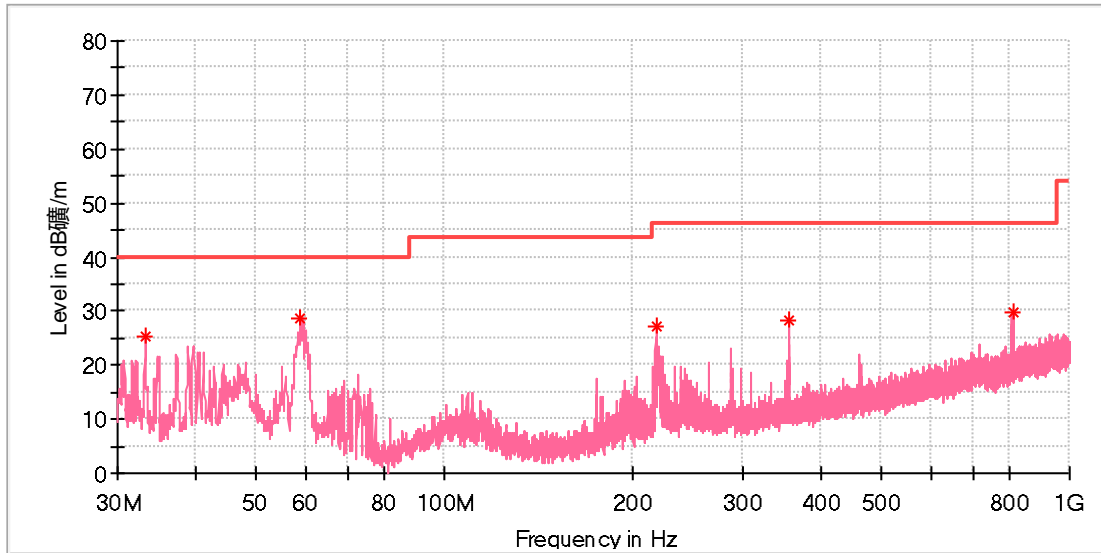


BLE_2M_Ant1_2480_1000~26500



EUT Information

EUT Name: 2.1Channel Soundbar with Wireless Subwoofer
 Model: NS-HTSB2123
 Test Mode: BLE 1M_Mid channel
 Order No/Sample No: 168431566/A003498686-006
 Test Voltage: 120V/60Hz
 Remark: Temp 24 Humi:50%
 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)
33.245769	25.23	40.00	14.77	100.0	V	357.0	-22.7
58.876154	28.77	40.00	11.23	100.0	V	51.0	-19.2
218.590385	27.27	46.00	18.73	100.0	V	262.0	-18.9
355.696154	28.45	46.00	17.55	100.0	V	350.0	-15.1
810.514231	29.77	46.00	16.23	100.0	V	202.0	-6.6

Final_Result

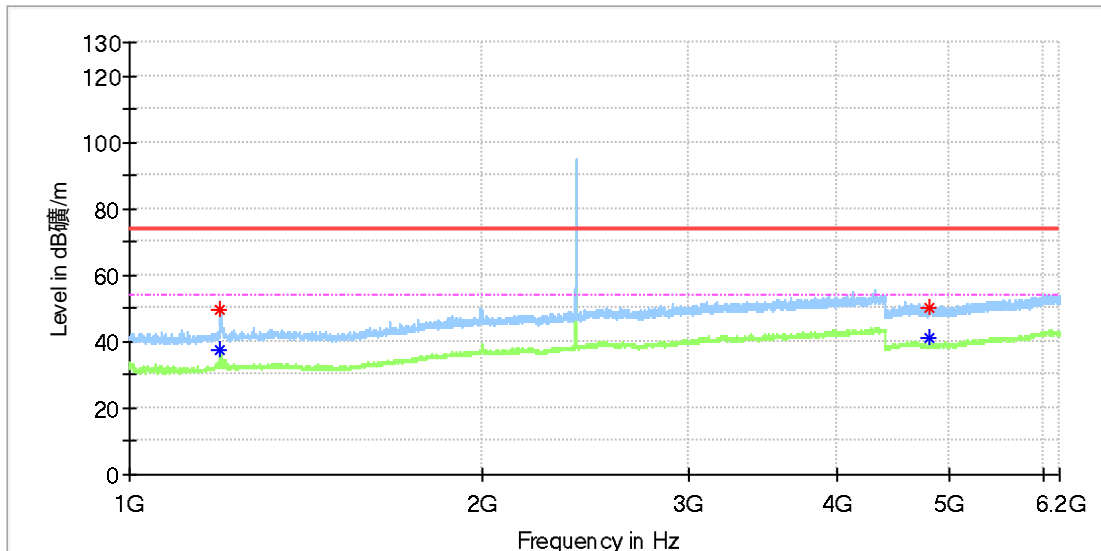
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

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

EUT Information

EUT Name:	2.1Channel Soundbar with Wireless Subwoofer
Model:	NS-HTSB2123
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168431566/A003498686-006
Test Voltage:	120V/60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

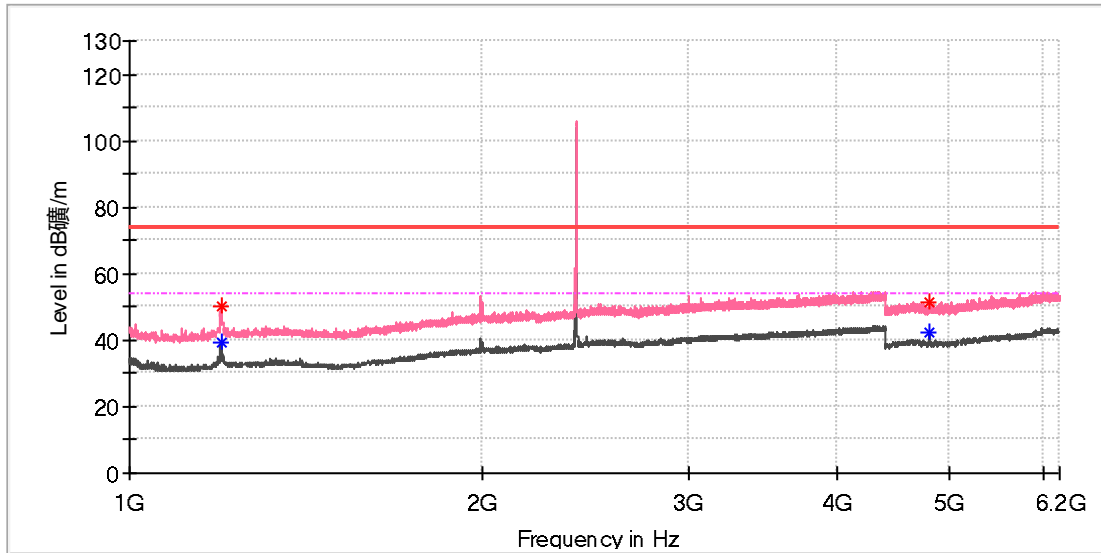
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1195.500000	---	37.52	54.00	16.48	150.0	H	277.0	1.1
1195.500000	49.77	---	74.00	24.23	150.0	H	277.0	1.1
4802.500000	---	41.31	54.00	12.69	150.0	H	313.0	11.8
4806.500000	50.18	---	74.00	23.82	150.0	H	355.0	11.8

Final Result

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

EUT Information

EUT Name: 2.1Channel Soundbar with Wireless Subwoofer
 Model: NS-HTSB2123
 Test Mode: BLE 1M_Low channel
 Order No/Sample No: 168431566/A003498686-006
 Test Voltage: 120V/60Hz
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

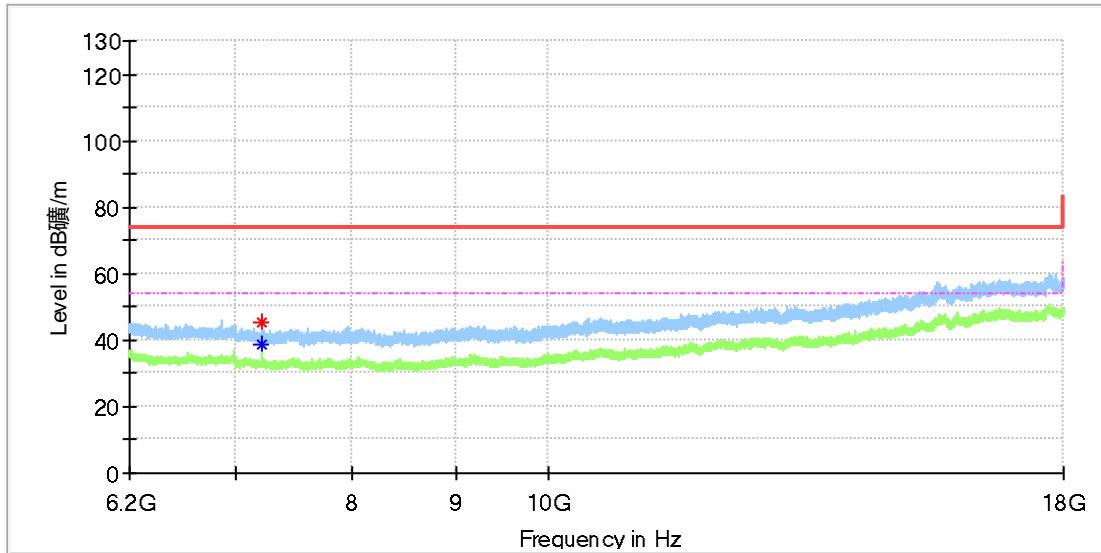
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1196.000000	---	39.12	54.00	14.88	150.0	V	348.0	1.1
1196.000000	49.96	---	74.00	24.04	150.0	V	348.0	1.1
4802.500000	51.69	---	74.00	22.31	150.0	V	257.0	11.8
4802.500000	---	42.27	54.00	11.73	150.0	V	193.0	11.8

Final_Result

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

EUT Information

EUT Name: 2.1Channel Soundbar with Wireless Subwoofer
 Model: NS-HTSB2123
 Test Mode: BLE 1M_Low channel
 Order No/Sample No: 168431566/A003498686-006
 Test Voltage: 120V/60Hz
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

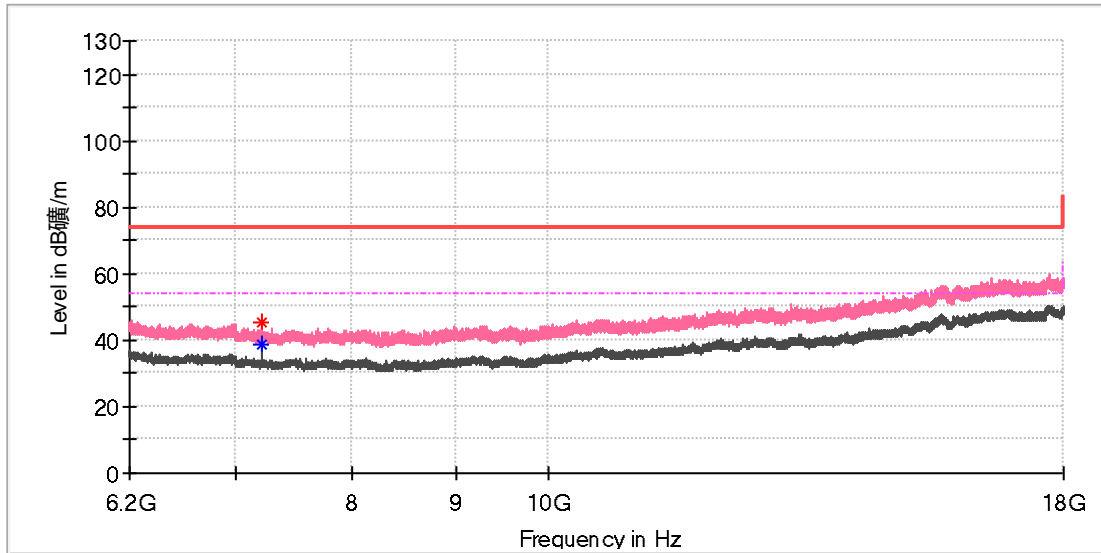
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7205.458333	---	38.72	54.00	15.28	150.0	H	6.0	8.8
7206.933333	45.23	---	74.00	28.77	150.0	H	6.0	8.8

Final_Result

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

EUT Information

EUT Name: 2.1Channel Soundbar with Wireless Subwoofer
 Model: NS-HTSB2123
 Test Mode: BLE 1M_Low channel
 Order No/Sample No: 168431566/A003498686-006
 Test Voltage: 120V/60Hz
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

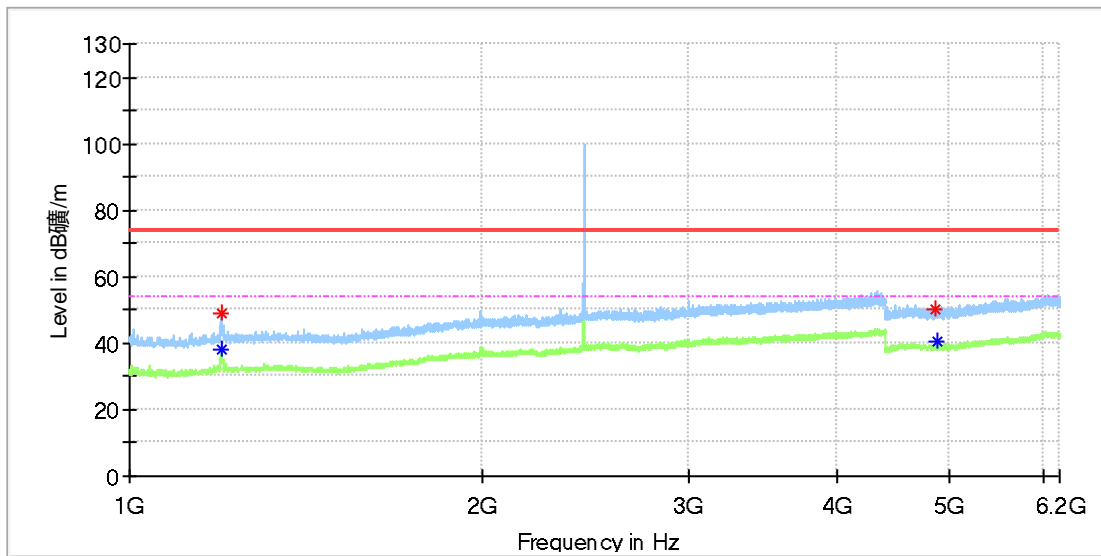
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7204.966667	45.18	---	74.00	28.82	150.0	V	0.0	8.8
7205.458333	---	38.46	54.00	15.54	150.0	V	0.0	8.8

Final_Result

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

EUT Information

EUT Name: 2.1Channel Soundbar with Wireless Subwoofer
 Model: NS-HTSB2123
 Test Mode: BLE 1M_Mid channel
 Order No/Sample No: 168431566/A003498686-006
 Test Voltage: 120V/60Hz
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

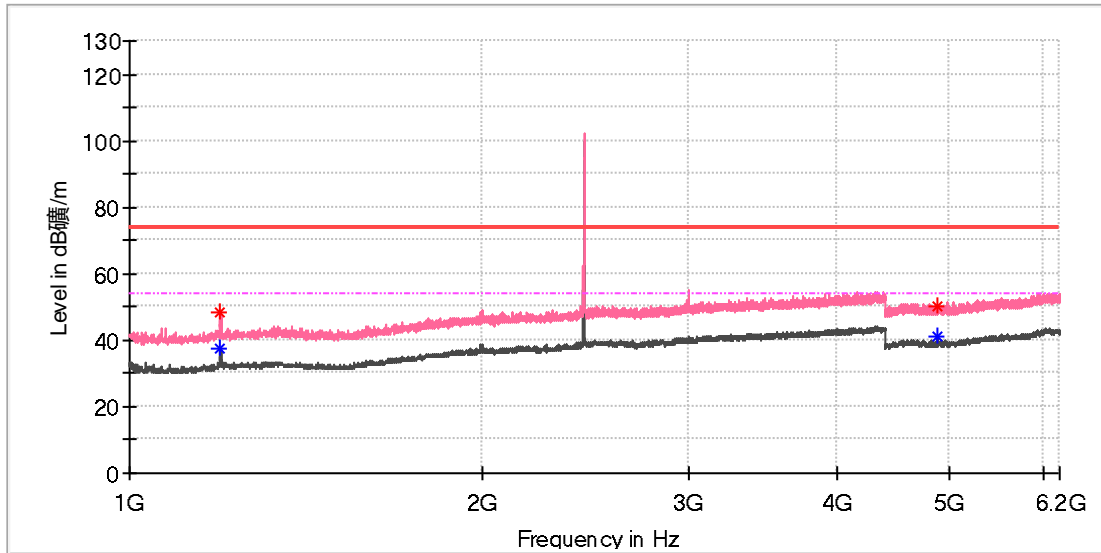
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1198.500000	---	38.37	54.00	15.63	150.0	H	0.0	1.1
1199.000000	48.83	---	74.00	25.17	150.0	H	333.0	1.1
4859.500000	50.40	---	74.00	23.60	150.0	H	140.0	11.8
4878.500000	---	40.64	54.00	13.36	150.0	H	277.0	11.8

Final_Result

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

EUT Information

EUT Name: 2.1Channel Soundbar with Wireless Subwoofer
 Model: NS-HTSB2123
 Test Mode: BLE 1M_Mid channel
 Order No/Sample No: 168431566/A003498686-006
 Test Voltage: 120V/60Hz
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

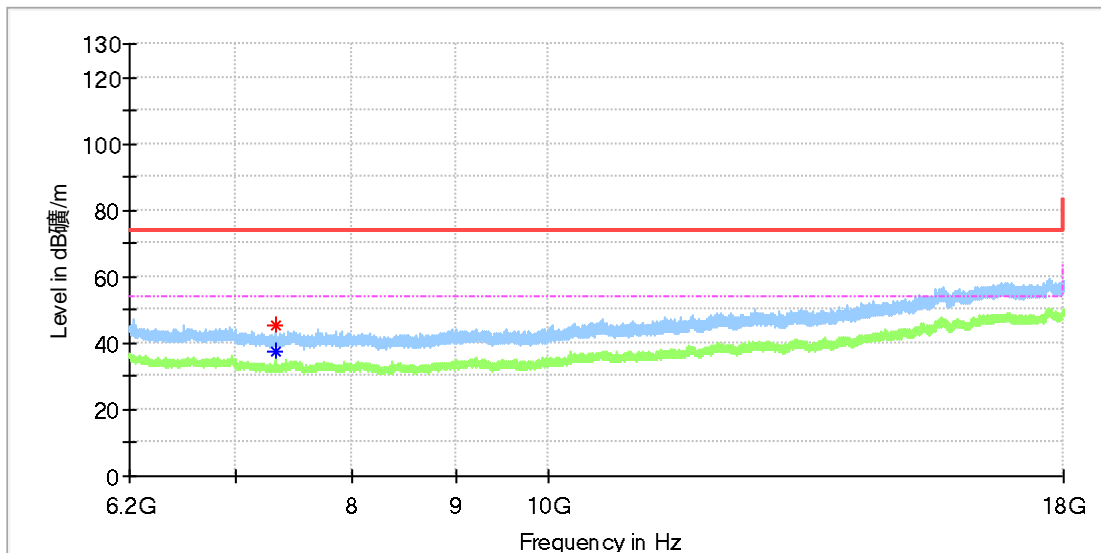
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1195.500000	---	37.51	54.00	16.49	150.0	V	356.0	1.1
1195.500000	48.30	---	74.00	25.70	150.0	V	356.0	1.1
4878.500000	49.96	---	74.00	24.04	150.0	V	269.0	11.8
4879.500000	---	41.01	54.00	12.99	150.0	V	257.0	11.8

Final_Result

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

EUT Information

EUT Name: 2.1Channel Soundbar with Wireless Subwoofer
 Model: NS-HTSB2123
 Test Mode: BLE 1M_Mid channel
 Order No/Sample No: 168431566/A003498686-006
 Test Voltage: 120V/60Hz
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

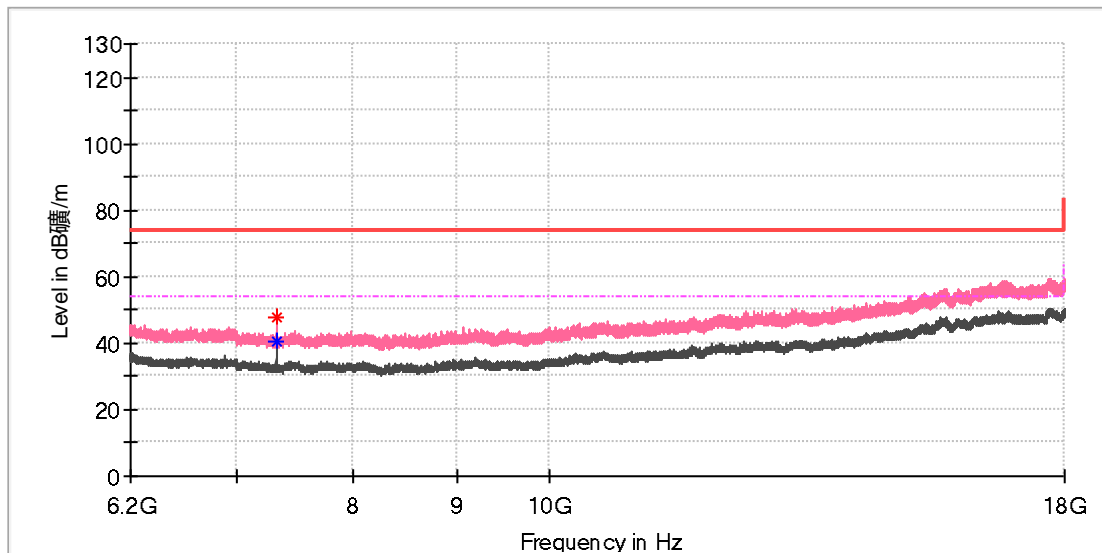
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7320.016667	45.55	---	74.00	28.45	150.0	H	1.0	8.2
7320.508333	---	37.31	54.00	16.69	150.0	H	302.0	8.2

Final_Result

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

EUT Information

EUT Name: 2.1Channel Soundbar with Wireless Subwoofer
 Model: NS-HTSB2123
 Test Mode: BLE 1M_Mid channel
 Order No/Sample No: 168431566/A003498686-006
 Test Voltage: 120V/60Hz
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

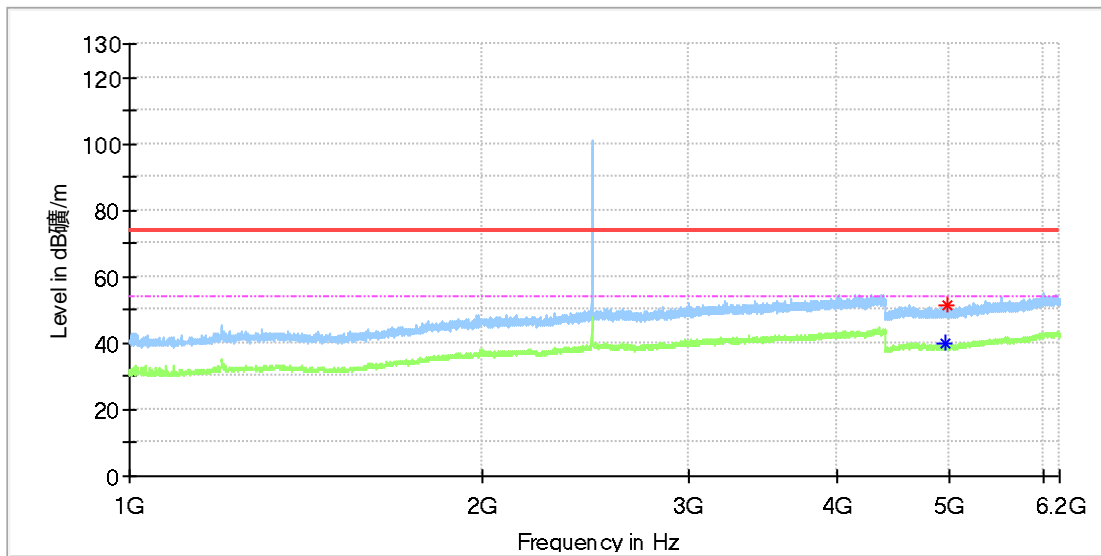
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7319.033333	47.60	---	74.00	26.40	150.0	V	328.0	8.2
7319.033333	---	40.76	54.00	13.24	150.0	V	328.0	8.2

Final_Result

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

EUT Information

EUT Name: 2.1Channel Soundbar with Wireless Subwoofer
 Model: NS-HTSB2123
 Test Mode: BLE 1M_High channel
 Order No/Sample No: 168431566/A003498686-006
 Test Voltage: 120V/60Hz
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

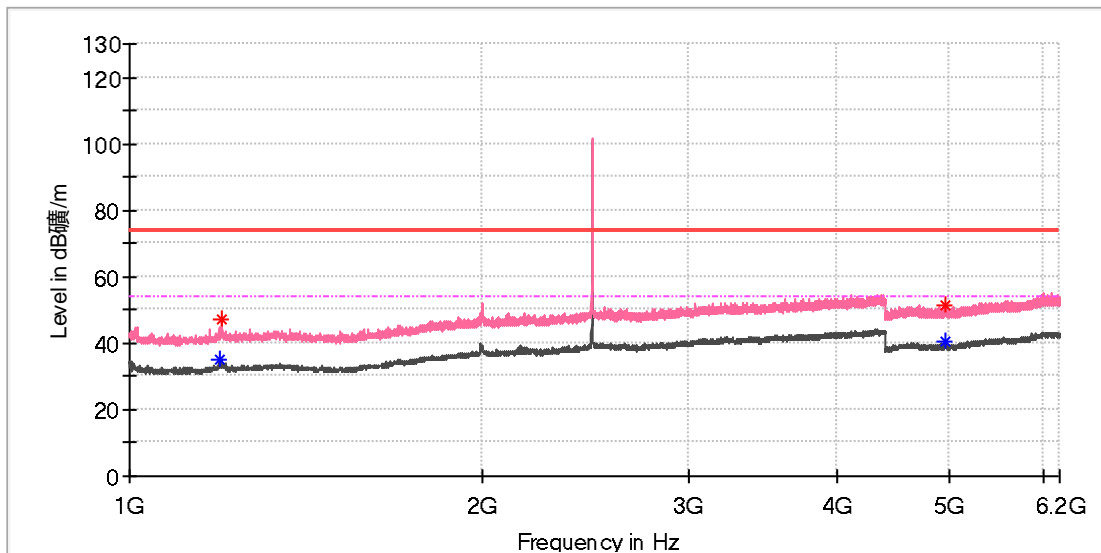
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4958.000000	---	40.13	54.00	13.87	150.0	H	209.0	11.8
4969.500000	51.28	---	74.00	22.72	150.0	H	216.0	11.8

Final_Result

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

EUT Information

EUT Name: 2.1Channel Soundbar with Wireless Subwoofer
 Model: NS-HTSB2123
 Test Mode: BLE 1M_High channel
 Order No/Sample No: 168431566/A003498686-006
 Test Voltage: 120V/60Hz
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

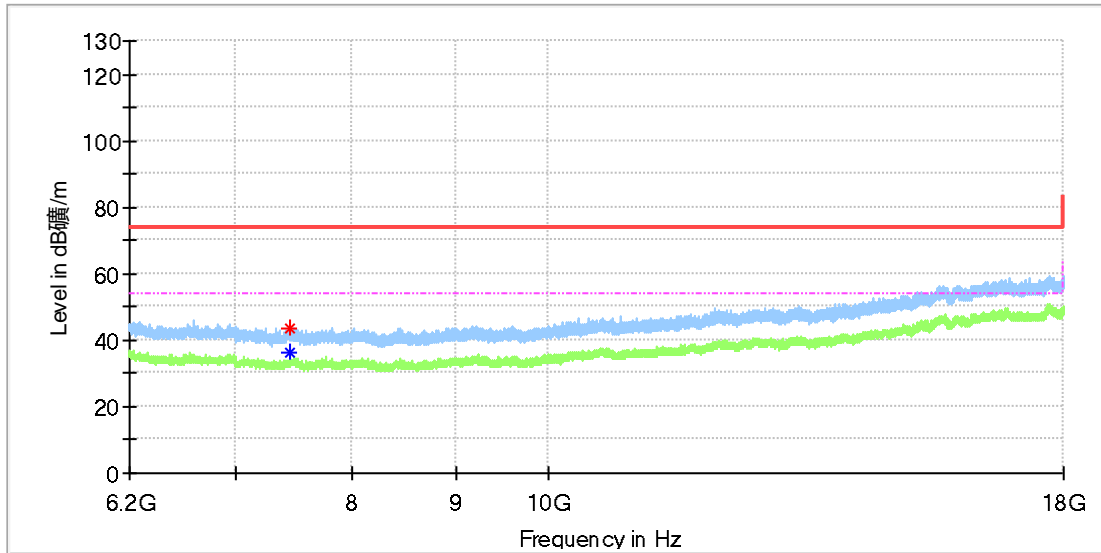
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1195.000000	---	35.11	54.00	18.89	150.0	V	312.0	1.1
1198.000000	47.20	---	74.00	26.80	150.0	V	312.0	1.1
4960.000000	---	40.79	54.00	13.21	150.0	V	269.0	11.8
4964.500000	51.09	---	74.00	22.91	150.0	V	126.0	11.8

Final Result

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

EUT Information

EUT Name: 2.1Channel Soundbar with Wireless Subwoofer
 Model: NS-HTSB2123
 Test Mode: BLE 1M_High channel
 Order No/Sample No: 168431566/A003498686-006
 Test Voltage: 120V/60Hz
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

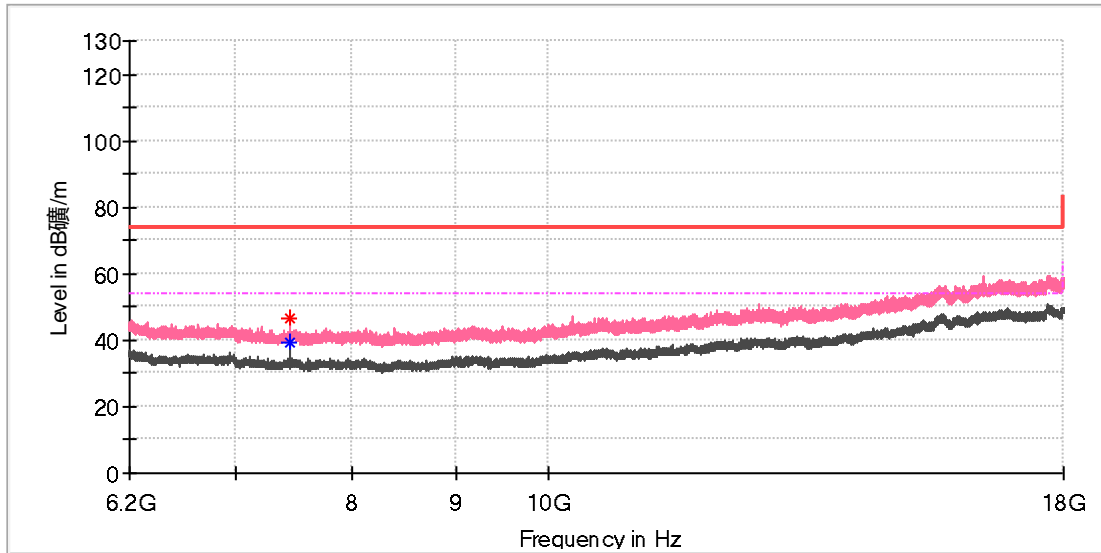
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7439.000000	---	36.26	54.00	17.74	150.0	H	164.0	8.4
7440.966667	43.70	---	74.00	30.30	150.0	H	252.0	8.4

Final_Result

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

EUT Information

EUT Name: 2.1Channel Soundbar with Wireless Subwoofer
 Model: NS-HTSB2123
 Test Mode: BLE 1M_High channel
 Order No/Sample No: 168431566/A003498686-006
 Test Voltage: 120V/60Hz
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7439.491667	---	39.19	54.00	14.81	150.0	V	271.0	8.4
7440.475000	46.65	---	74.00	27.35	150.0	V	271.0	8.4

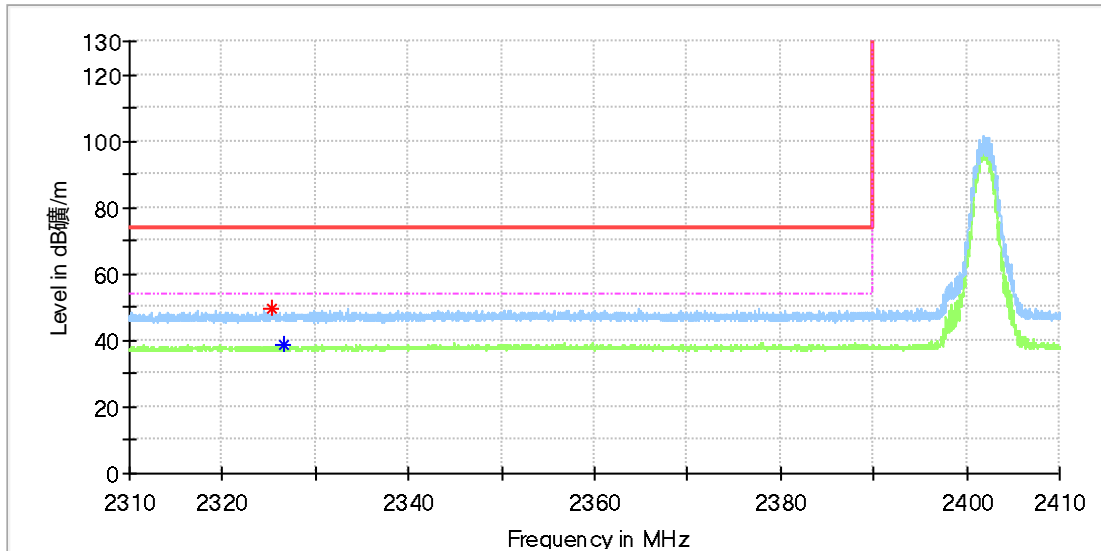
Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix B.6: Test Results of Radiated Emissions in Restricted Bands

EUT Information

EUT Name:	2.1Channel Soundbar with Wireless Subwoofer
Model:	NS-HTSB2123
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168431566/A003498686-006
Test Voltage:	120V/60Hz
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

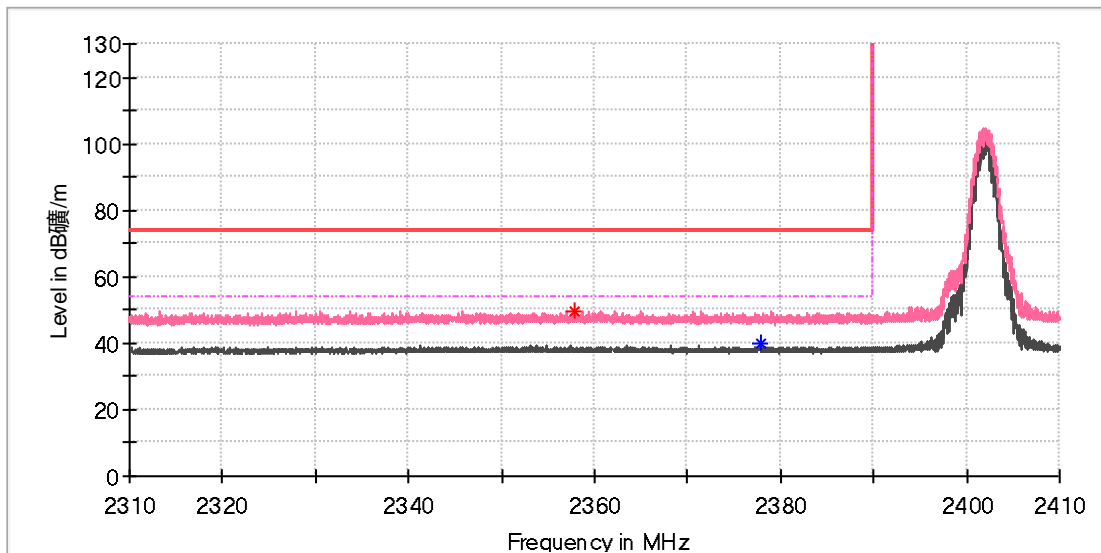
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2325.397059	49.35	---	74.00	24.65	150.0	H	55.0	6.7
2326.544118	---	38.60	54.00	15.40	150.0	H	33.0	6.7

Final Result

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

EUT Information

EUT Name: 2.1Channel Soundbar with Wireless Subwoofer
 Model: NS-HTSB2123
 Test Mode: BLE 1M_Low channel
 Order No/Sample No: 168431566/A003498686-006
 Test Voltage: 120V/60Hz
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

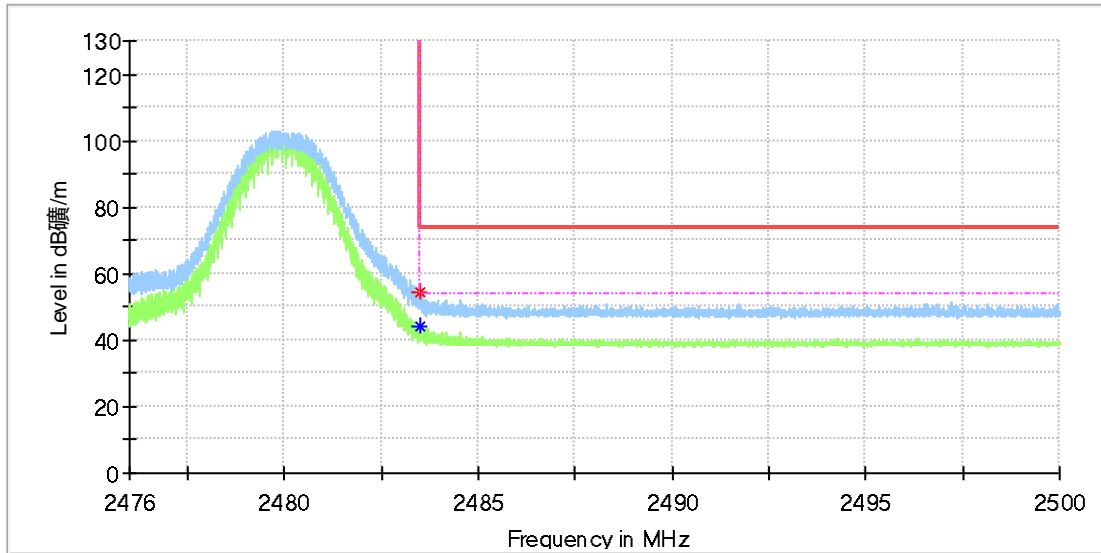
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2357.941177	49.80	---	74.00	24.20	150.0	V	292.0	6.9
2377.970588	---	40.03	54.00	13.97	150.0	V	245.0	6.9

Final_Result

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

EUT Information

EUT Name: 2.1Channel Soundbar with Wireless Subwoofer
 Model: NS-HTSB2123
 Test Mode: BLE 1M_High channel
 Order No/Sample No: 168431566/A003498686-006
 Test Voltage: 120V/60Hz
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

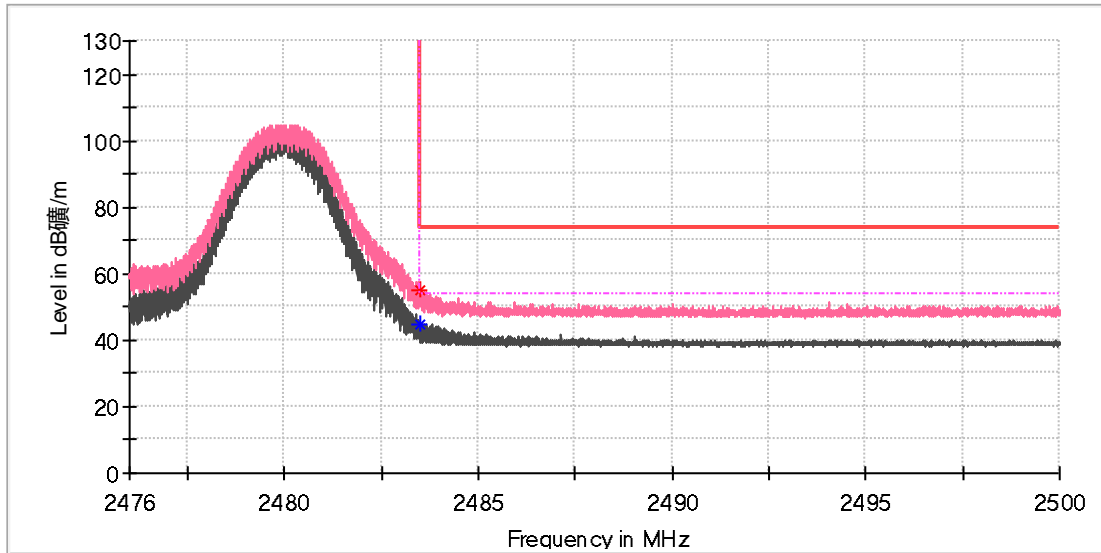
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.510588	---	43.93	54.00	10.07	150.0	H	350.0	7.4
2483.510588	54.47	---	74.00	19.53	150.0	H	350.0	7.4

Final_Result

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

EUT Information

EUT Name: 2.1Channel Soundbar with Wireless Subwoofer
 Model: NS-HTSB2123
 Test Mode: BLE 1M_High channel
 Order No/Sample No: 168431566/A003498686-006
 Test Voltage: 120V/60Hz
 Remark: Temp 24 Humi:50%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.524706	---	44.97	54.00	9.03	150.0	V	291.0	7.4
2483.524706	55.26	---	74.00	18.74	150.0	V	291.0	7.4

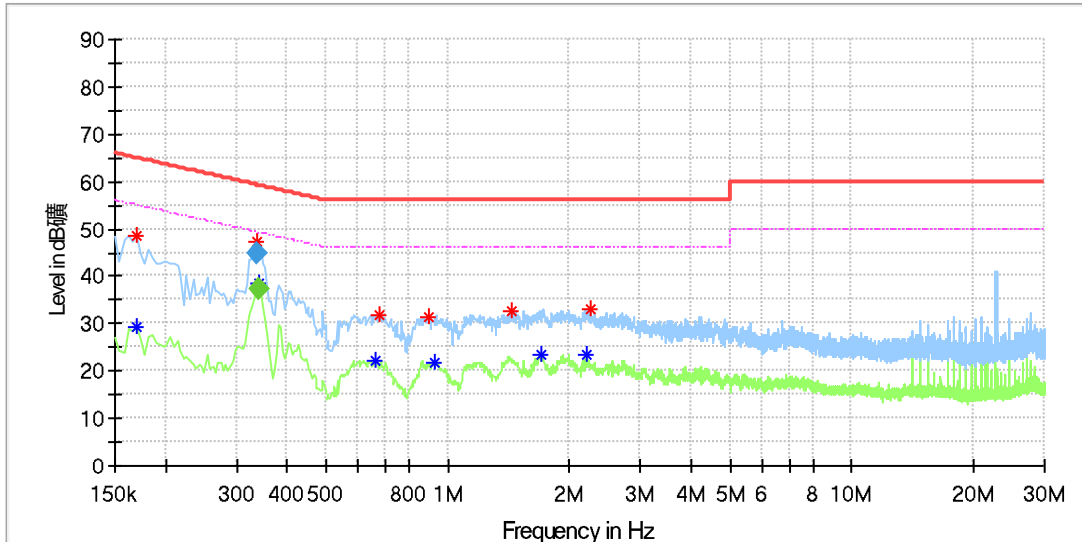
Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix B.7: Test Results of Conducted Emission on AC Mains

EUT Information

EUT Name:	2.1Channel Soundbar with Wireless Subwoofer
Order Number:	168431566
Model:	NS-HTSB2123
Test Mode:	Bluetooth
Test Voltage:	AC 120V/60Hz
Test By:/Review By:	Birch Zhang/Gary Chen
Test Standard:	FCC Part 15
Tem./Hum./Pressure:	24.3°C/52.4%/101kPa
Remark:	SR1



Critical Freqs

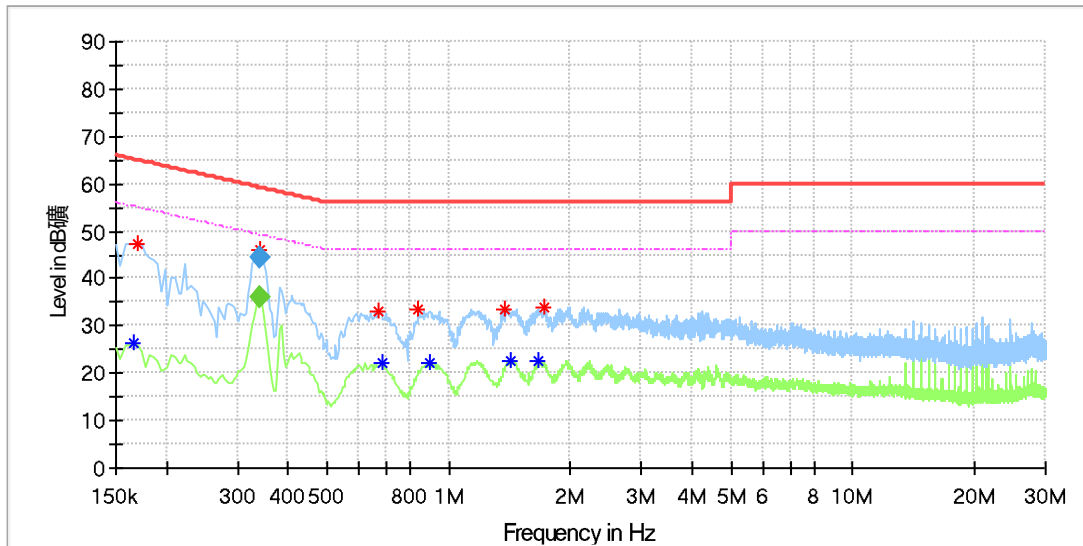
Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.170000	---	29.15	54.96	25.81	L1	9.7
0.170000	48.58	---	64.96	16.38	L1	9.7
0.336500	47.23	---	59.25	12.02	L1	9.9
0.340500	---	38.37	49.25	10.89	L1	9.9
0.664000	---	22.34	46.00	23.66	L1	9.8
0.680000	32.01	---	56.00	23.99	L1	9.8
0.900000	31.51	---	56.00	24.49	L1	9.7
0.924000	---	21.96	46.00	24.04	L1	9.7
1.436000	32.74	---	56.00	23.26	L1	9.8
1.696000	---	23.40	46.00	22.60	L1	9.8
2.208000	---	23.57	46.00	22.43	L1	9.9
2.252000	33.06	---	56.00	22.94	L1	9.9

Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.336500	44.76	---	59.29	14.53	1000.0	9.000	L1	9.9
0.340500	---	37.10	49.19	12.09	1000.0	9.000	L1	9.9

EUT Information

EUT Name: 2.1Channel Soundbar with Wireless Subwoofer
 Order Number: 168431566
 Model: NS-HTSB2123
 Test Mode: Bluetooth
 Test Voltage: AC 120V/60Hz
 Test By:/Review By: Birch Zhang/Gary Chen
 Test Standard: FCC Part 15
 Tem./Hum./Pressure: 24.3°C/52.4%/101kPa
 Remark: SR1



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.166000	---	26.24	55.16	28.92	N	9.8
0.170000	47.18	---	64.96	17.78	N	9.8
0.340500	45.99	---	59.16	13.17	N	9.7
0.340500	---	36.39	49.16	12.76	N	9.7
0.668000	32.95	---	56.00	23.05	N	9.8
0.684000	---	21.99	46.00	24.01	N	9.8
0.840000	33.48	---	56.00	22.52	N	9.7
0.896000	---	22.34	46.00	23.66	N	9.7
1.368000	33.69	---	56.00	22.31	N	9.8
1.420000	---	22.71	46.00	23.29	N	9.8
1.668000	---	22.64	46.00	23.36	N	9.9
1.732000	33.91	---	56.00	22.09	N	9.9

Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.340500	---	35.93	49.19	13.26	1000.0	9.000	N	9.7
0.340500	44.42	---	59.19	14.77	1000.0	9.000	N	9.7