

Appendix A: Test Results of FCC Part 15C

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Appendix A.1: Test Results of 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.88663	2401.5565	2402.4431	---	PASS
		2441	0.88871	2440.5533	2441.4420	---	PASS
		2480	0.90016	2479.5511	2480.4512	---	PASS
3DH5	Ant1	2402	1.1958	2401.3970	2402.5928	---	PASS
		2441	1.1831	2440.4061	2441.5892	---	PASS
		2480	1.1760	2479.4137	2480.5897	---	PASS





Appendix A.2: Test Results of 20dB Bandwidth

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.948	2401.535	2402.483	---	PASS
		2441	0.948	2440.535	2441.483	---	PASS
		2480	0.942	2479.538	2480.480	---	PASS
3DH5	Ant1	2402	1.248	2401.364	2402.612	---	PASS
		2441	1.248	2440.364	2441.612	---	PASS
		2480	1.275	2479.355	2480.630	---	PASS





Appendix A.3: Test Results of Carrier Frequency Separation

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.16	≥0.948	PASS
3DH5	Ant1	Hop	1.03	≥0.850	PASS



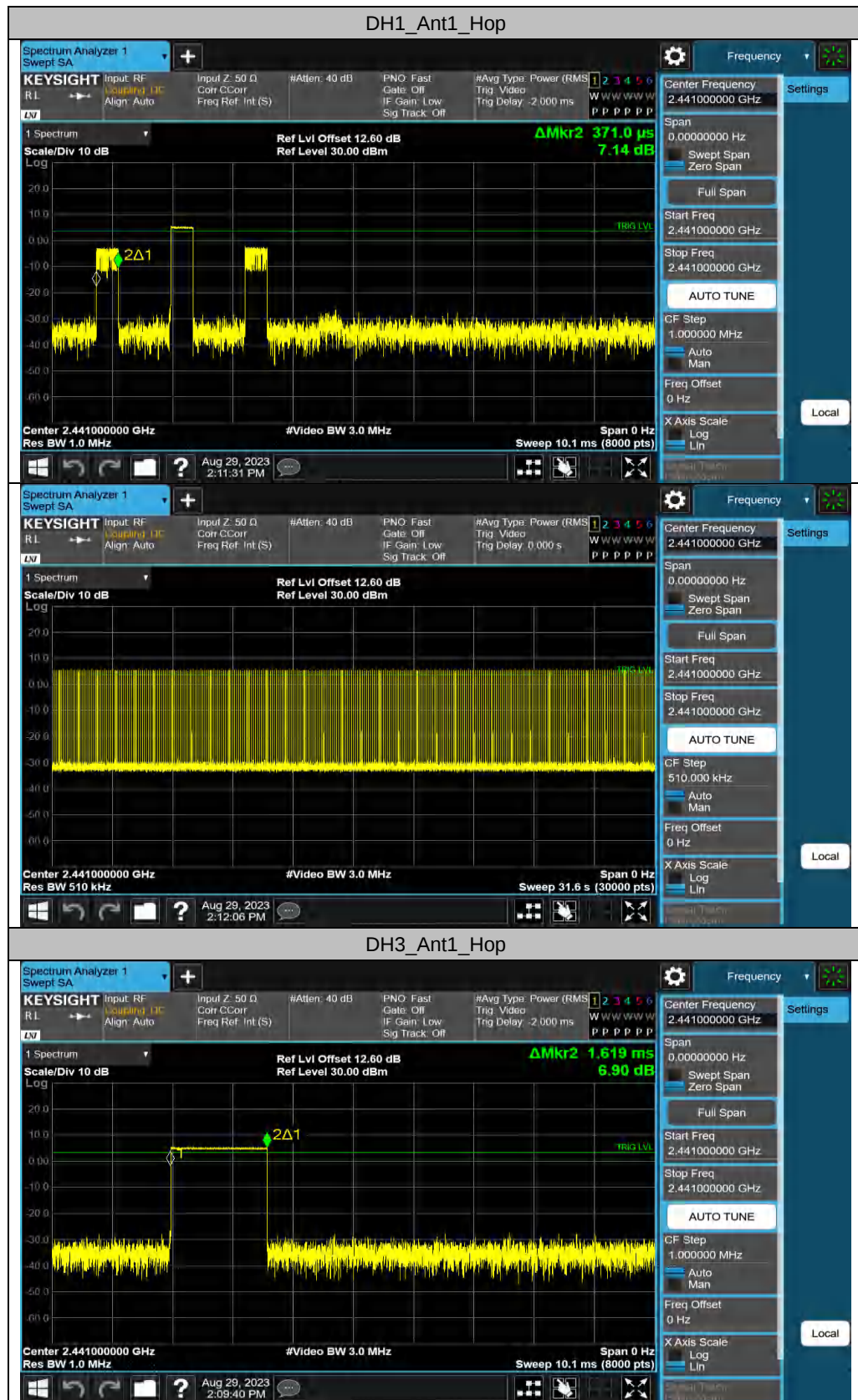
Appendix A.4: Test Results of Number of Hopping Frequency

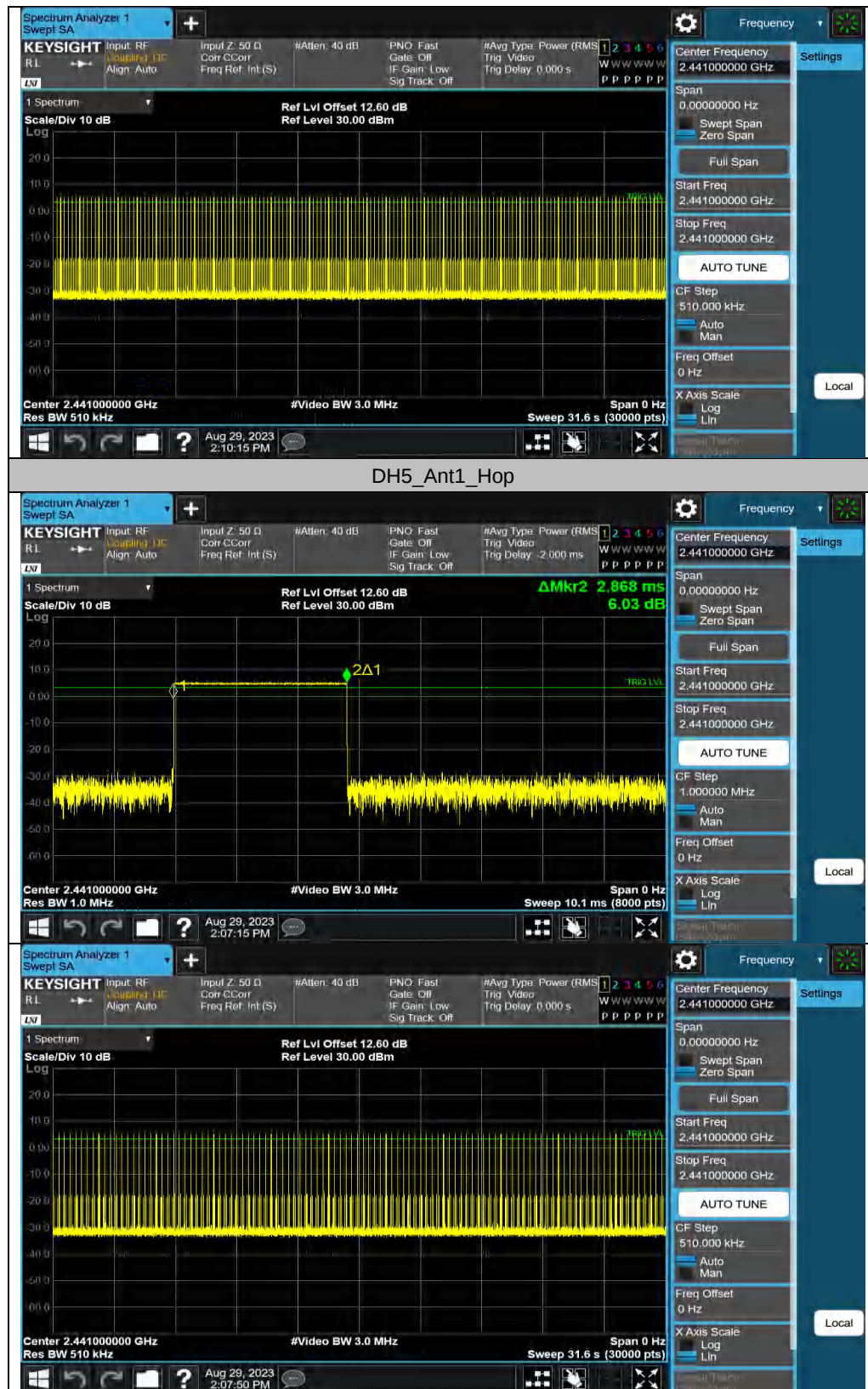
TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS

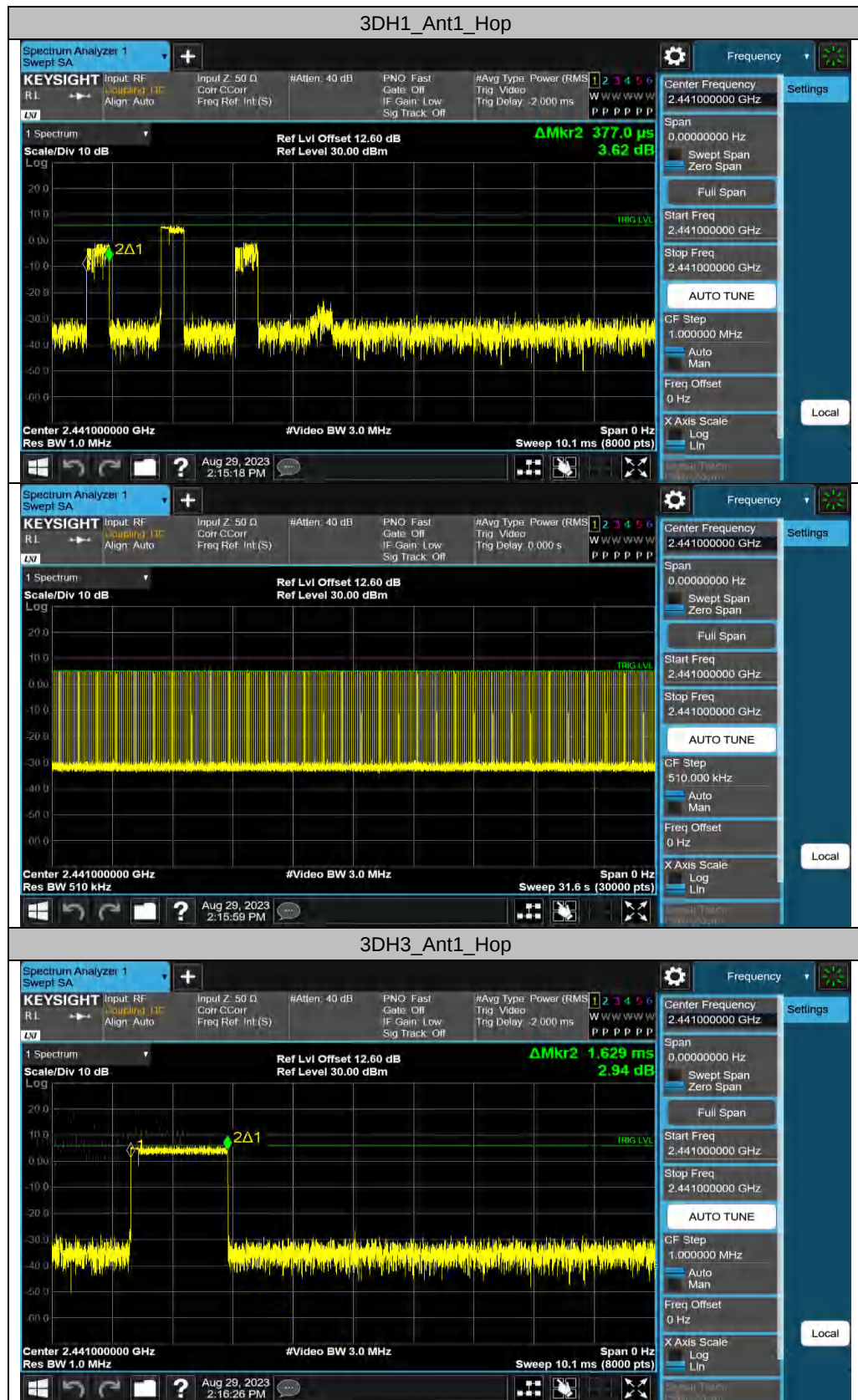


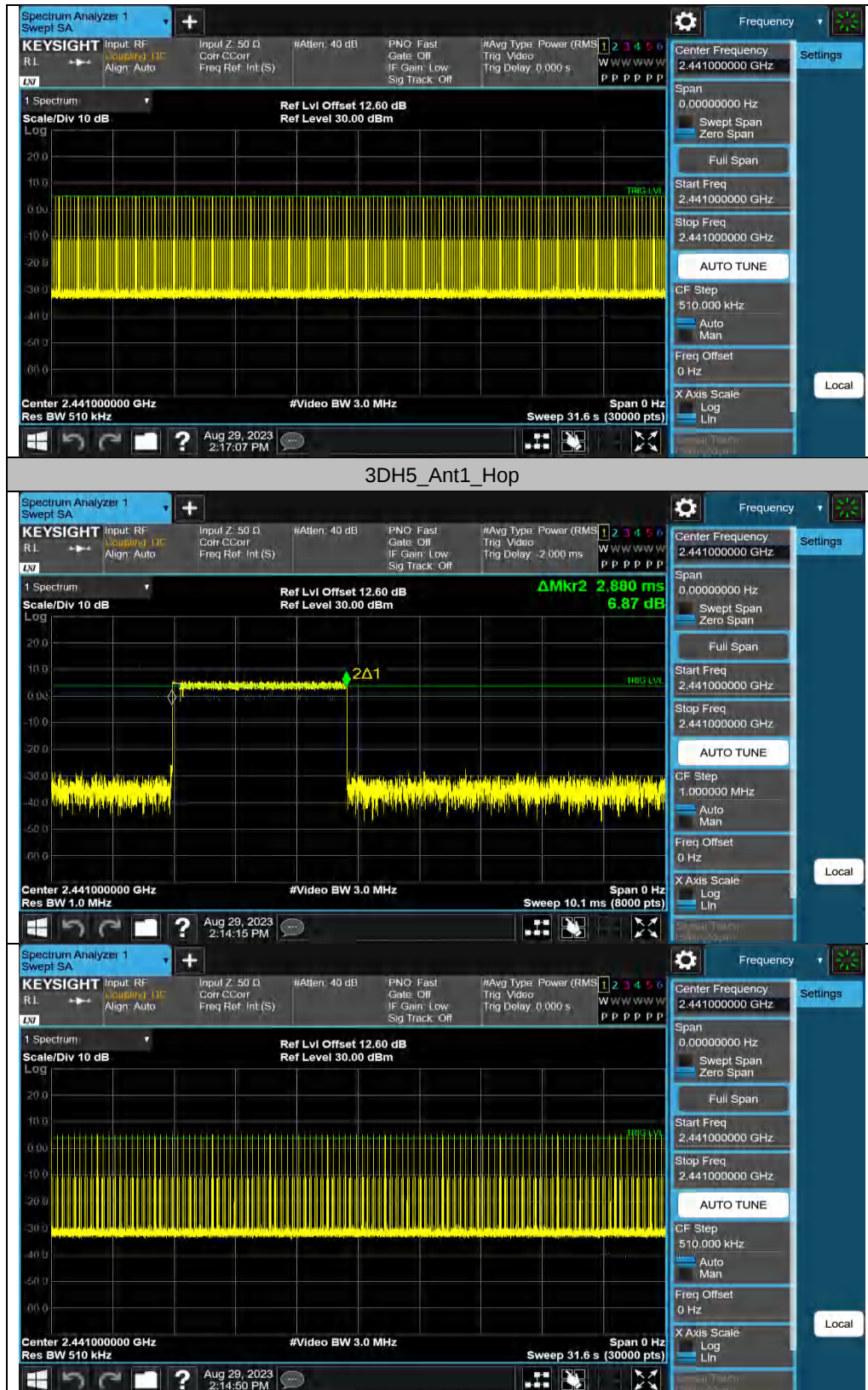
Appendix A.5: Test Results of Time of Occupancy

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.371	319	0.118	≤0.4	PASS
DH3	Ant1	Hop	1.619	159	0.257	≤0.4	PASS
DH5	Ant1	Hop	2.868	107	0.307	≤0.4	PASS
3DH1	Ant1	Hop	0.377	319	0.12	≤0.4	PASS
3DH3	Ant1	Hop	1.629	159	0.259	≤0.4	PASS
3DH5	Ant1	Hop	2.880	107	0.308	≤0.4	PASS









Appendix A.6: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

Band Edge

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	5.592	-45.7	≤-14.41	PASS
		High	2480	4.379	-46.74	≤-15.62	PASS
3DH5	Ant1	Low	2402	5.889	-46.02	≤-14.11	PASS
		High	2480	4.417	-49.09	≤-15.58	PASS
DH5	Ant1	Hopping	2402	4.883	-49.3	≤-15.12	PASS
		Hopping	2480	3.429	-47.07	≤-16.57	PASS
3DH5	Ant1	Hopping	2402	3.077	-49	-16.92≤	PASS
		Hopping	2480	0.2574	-48.77	≤-19.74	PASS

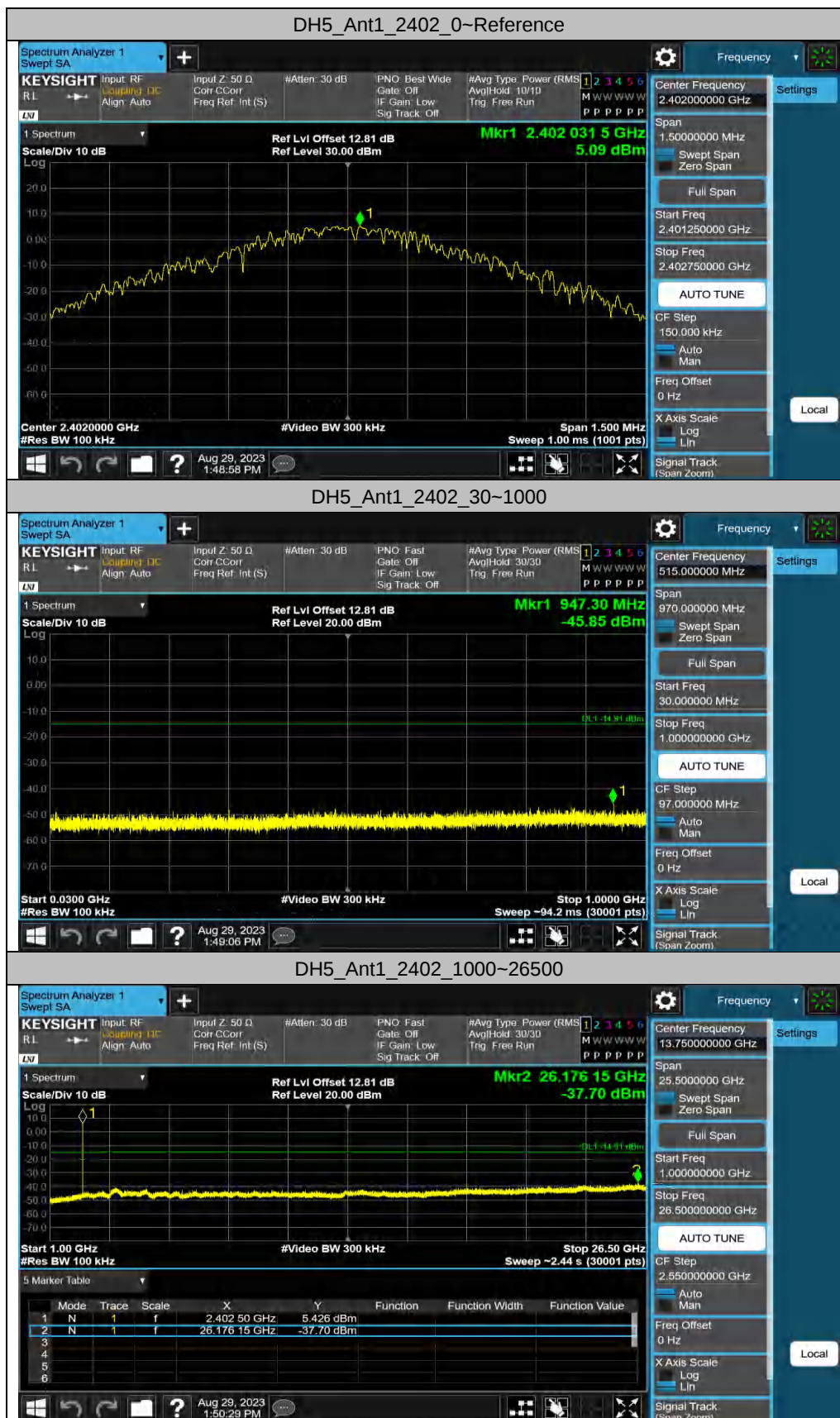




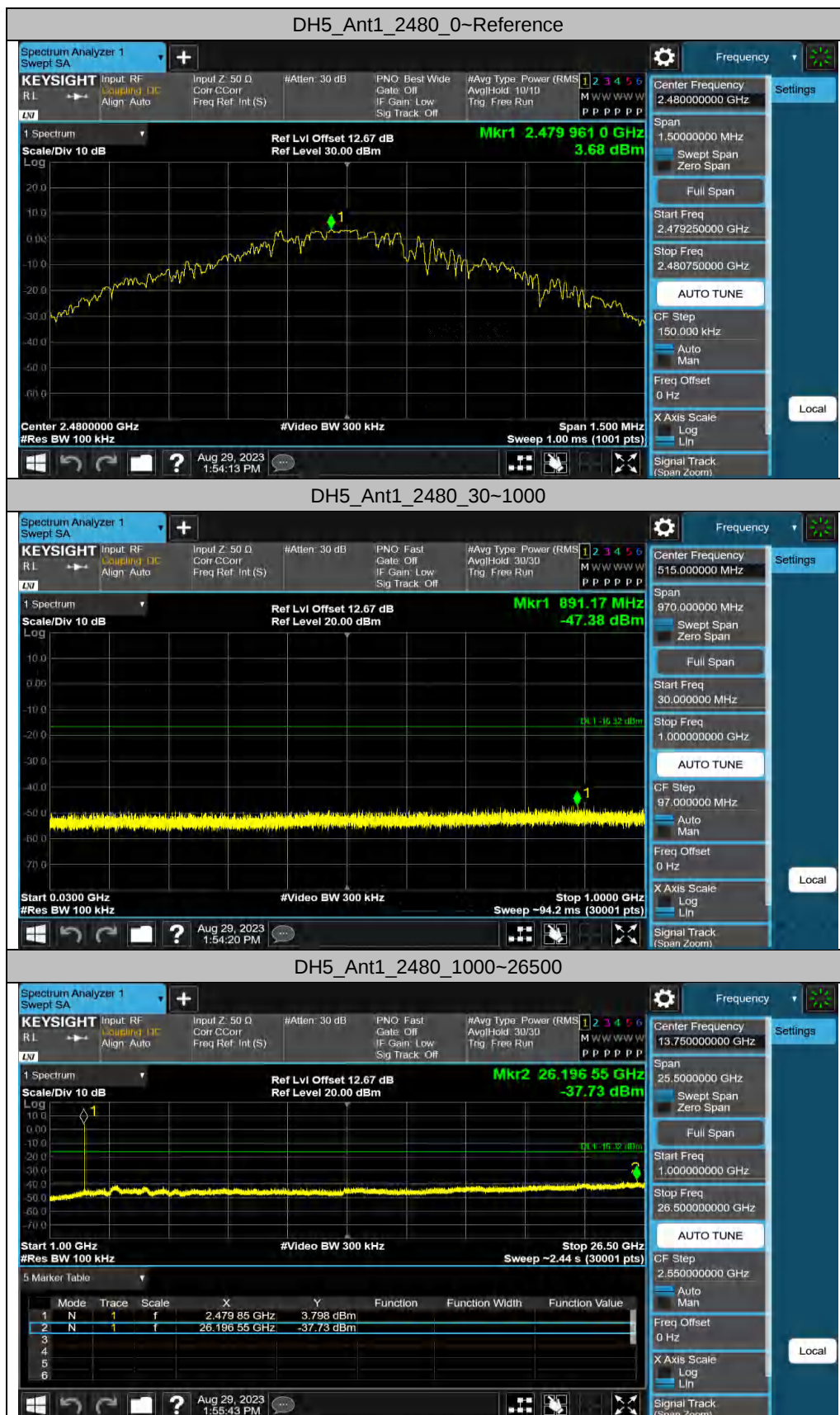


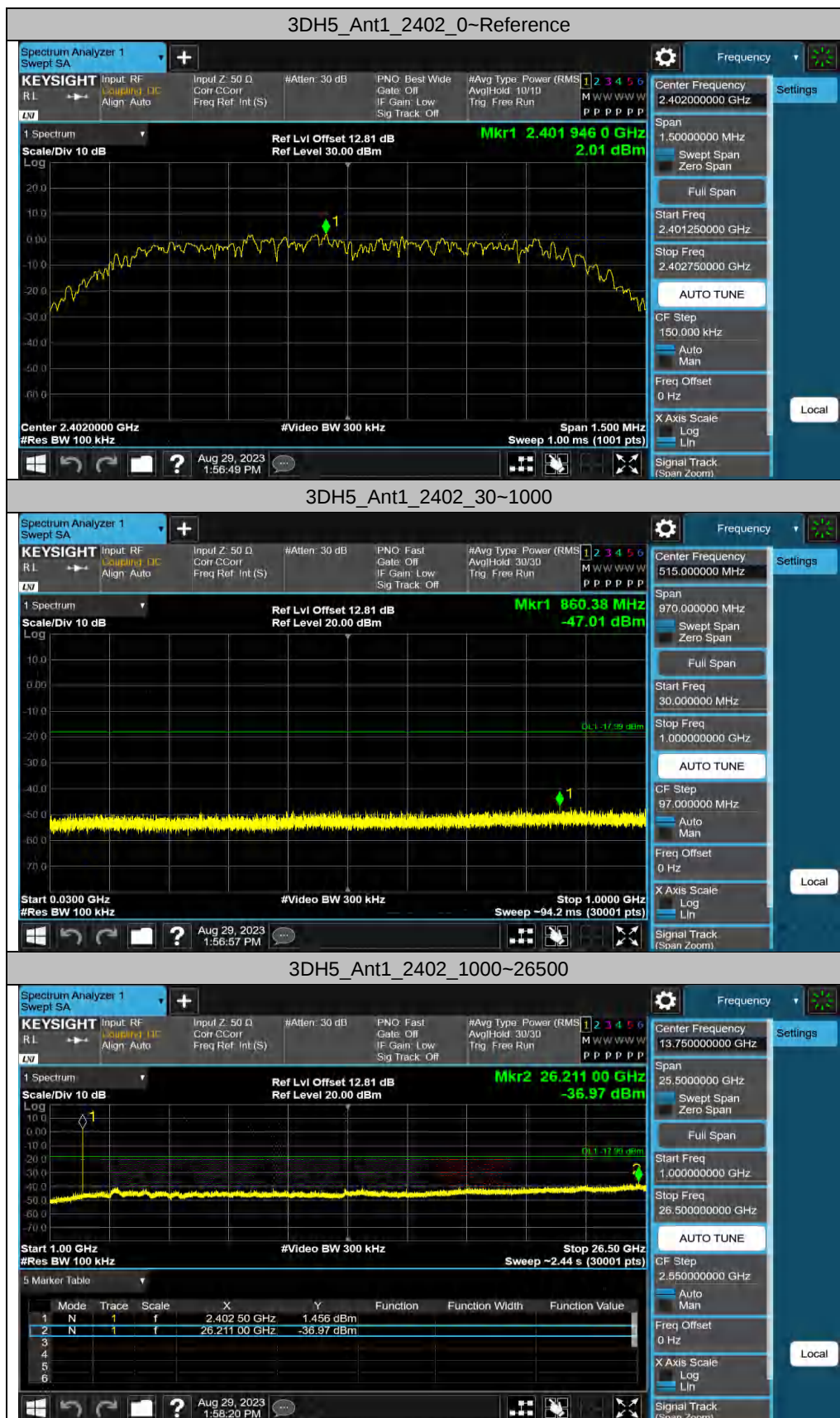
Conducted Spurious Emission

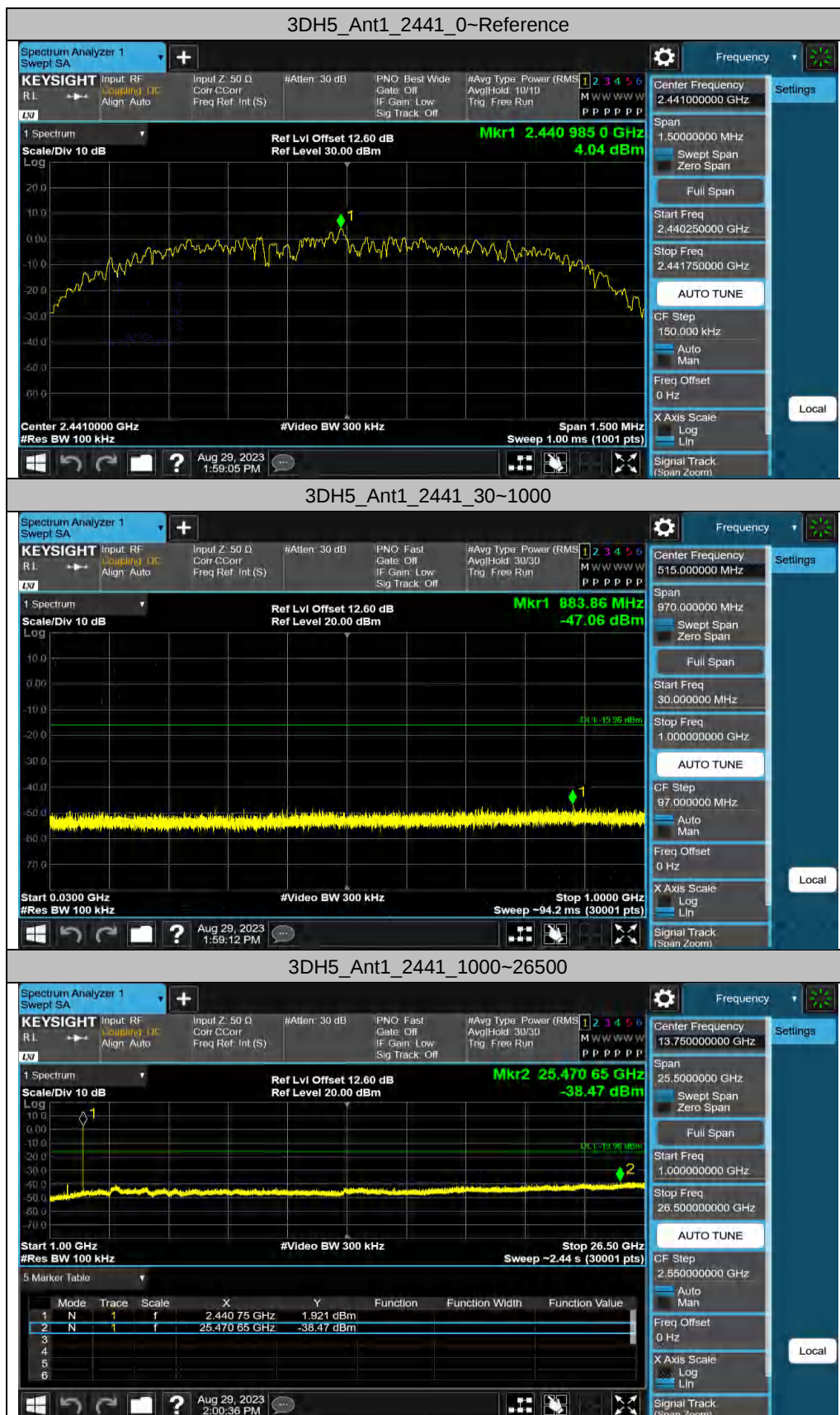
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	5.09	5.09	---	PASS
			30~1000	5.09	-45.85	≤-14.91	PASS
			1000~26500	5.09	-37.7	≤-14.91	PASS
		2441	Reference	4.29	4.29	---	PASS
			30~1000	4.29	-47	≤-15.71	PASS
			1000~26500	4.29	-38.08	≤-15.71	PASS
		2480	Reference	3.68	3.68	---	PASS
			30~1000	3.68	-47.38	≤-16.32	PASS
			1000~26500	3.68	-37.73	≤-16.32	PASS
3DH5	Ant1	2402	Reference	2.01	2.01	---	PASS
			30~1000	2.01	-47.01	≤-17.99	PASS
			1000~26500	2.01	-36.97	≤-17.99	PASS
		2441	Reference	4.04	4.04	---	PASS
			30~1000	4.04	-47.06	≤-15.96	PASS
			1000~26500	4.04	-38.47	≤-15.96	PASS
		2480	Reference	3.76	3.76	---	PASS
			30~1000	3.76	-46.78	≤-16.24	PASS
			1000~26500	3.76	-38.26	≤-16.24	PASS

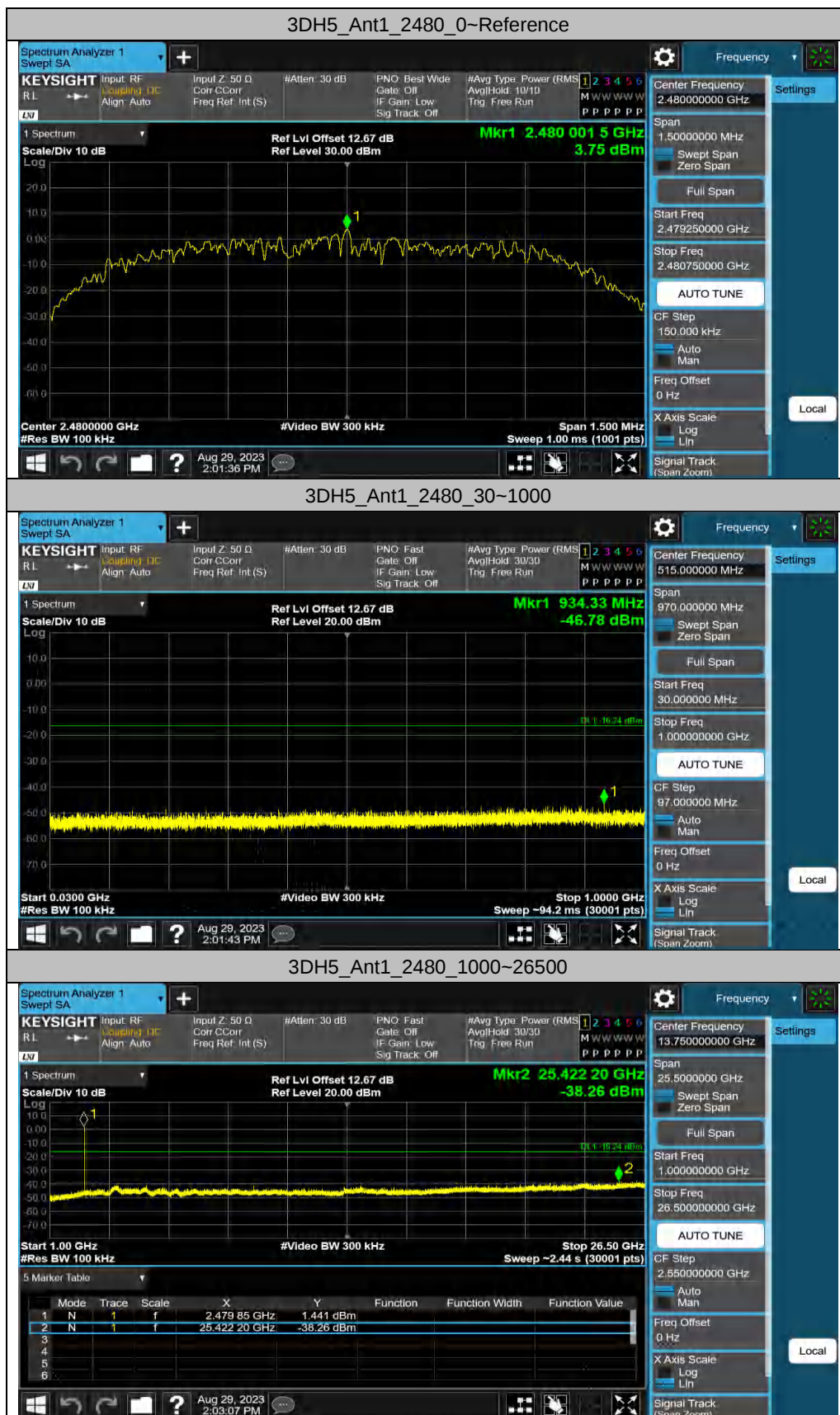












Appendix A.7: Test Results of Radiated Spurious Emissions

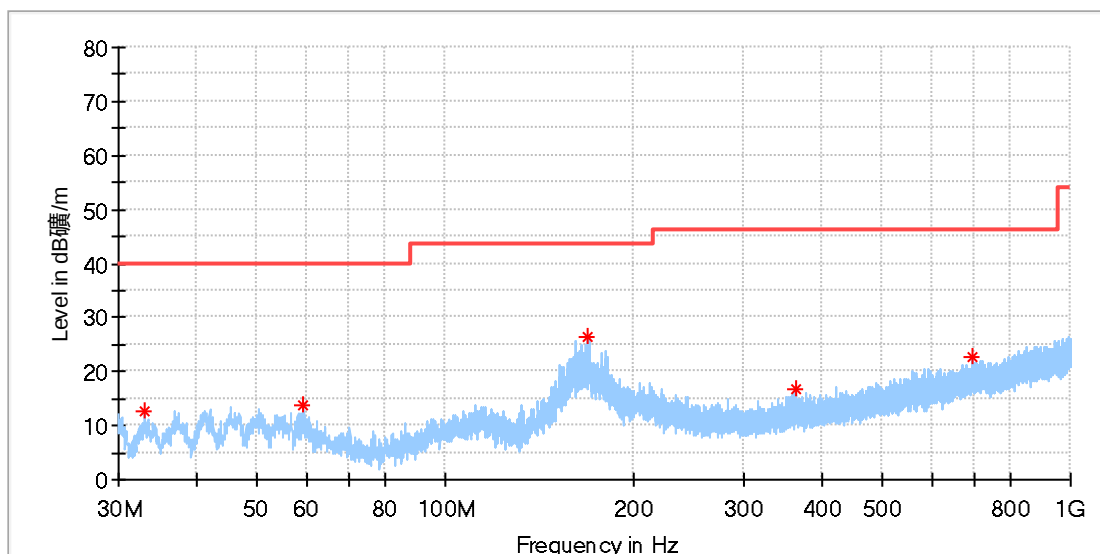
Note:

- 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.

30MHz - 1GHz (Worst case)

EUT Information

EUT Name:	2.1 Speaker System with Bluetooth
Model:	NS-5004BT
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168439616/A003538934-005
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

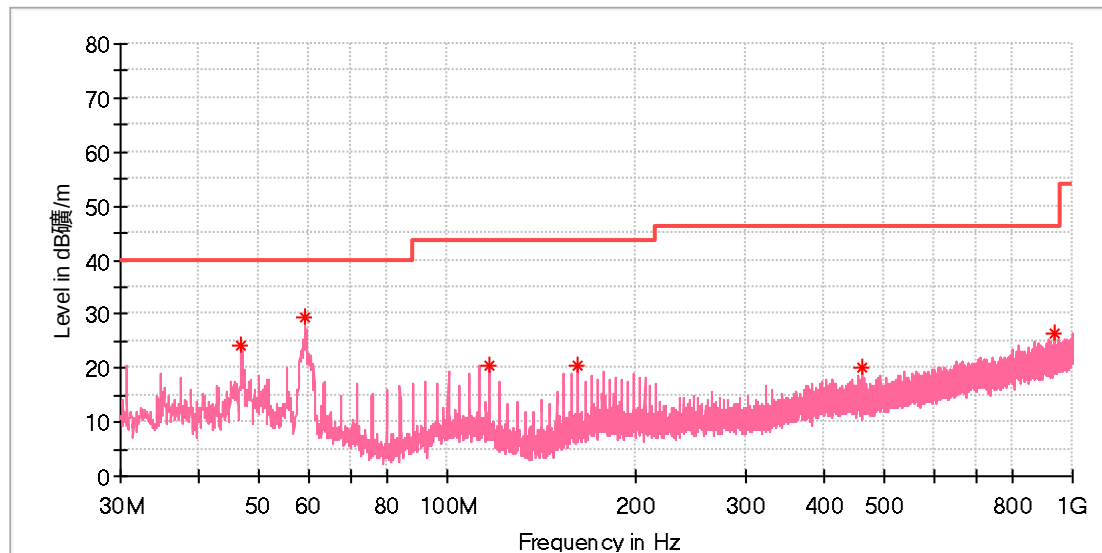
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
32.984615	12.60	40.00	27.40	100.0	H	301.0	-22.8
59.323846	13.58	40.00	26.42	100.0	H	65.0	-19.2
168.486154	26.43	43.50	17.07	100.0	H	192.0	-21.7
363.269615	16.67	46.00	29.33	100.0	H	159.0	-14.9
697.658462	22.55	46.00	23.45	100.0	H	151.0	-8.4

Final Result

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

EUT Name: 2.1 Speaker System with Bluetooth
Model: NS-5004BT
Test Mode: BR_DH5_Mid channel
Order No/Sample No: 168439616/A003538934-005
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:56%
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)
46.863077	24.28	40.00	15.72	100.0	V	83.0	-18.9
59.174615	29.30	40.00	10.70	100.0	V	211.0	-19.2
116.740385	20.39	43.50	23.11	100.0	V	179.0	-20.4
161.770769	20.49	43.50	23.01	100.0	V	107.0	-21.9
460.829231	20.15	46.00	25.85	100.0	V	211.0	-13.1
937.546923	26.31	46.00	19.69	100.0	V	336.0	-5.0

Final_Result

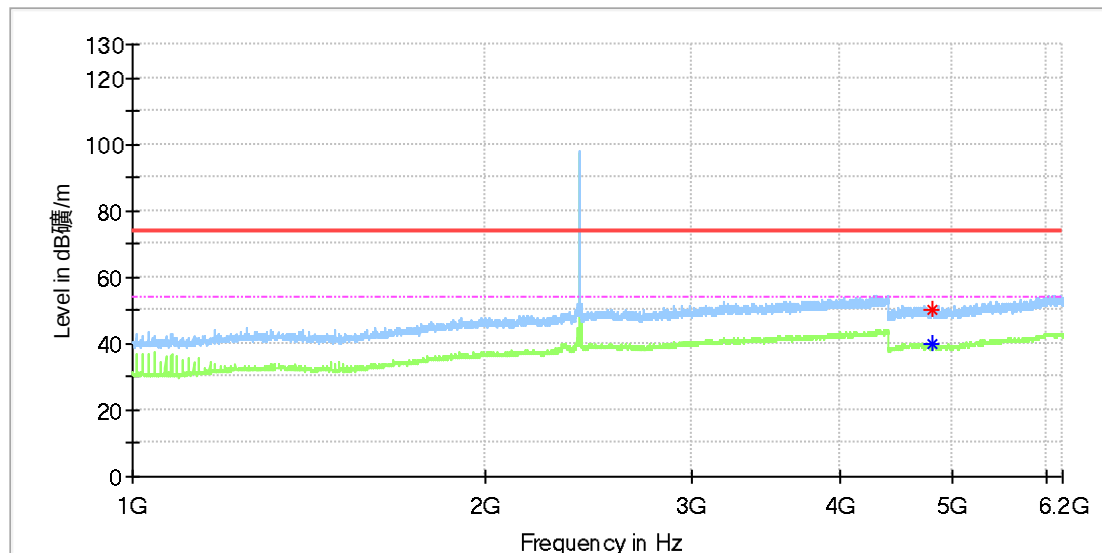
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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1GHz - 18GHz

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

EUT Information

EUT Name:	2.1 Speaker System with Bluetooth
Model:	NS-5004BT
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168439616/A003538934-005
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

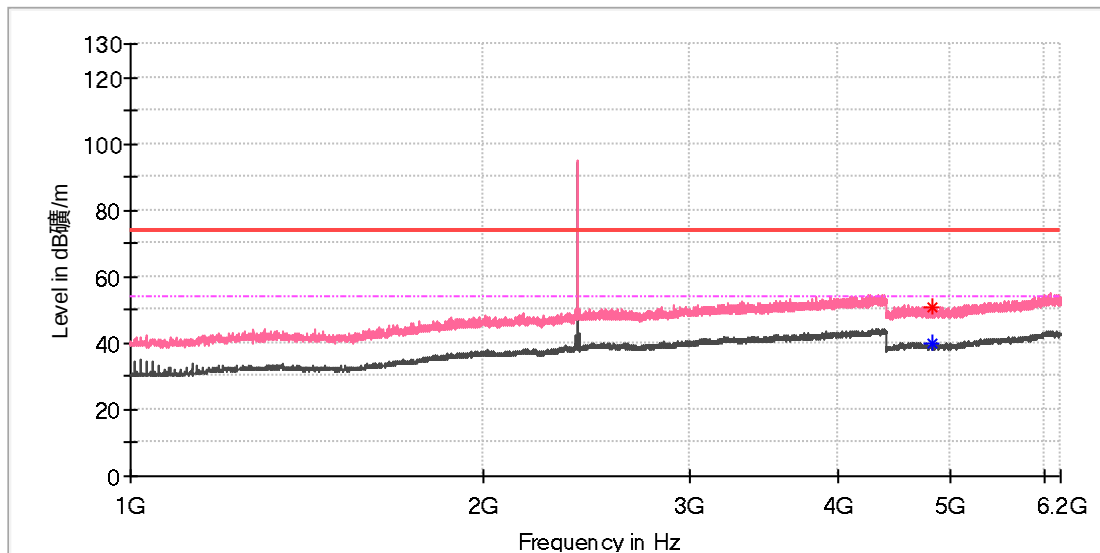
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4806.000000	50.48	---	74.00	23.52	150.0	H	15.0	11.8
4810.500000	---	39.90	54.00	14.10	150.0	H	115.0	11.8

Final_Result

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

EUT Information

EUT Name: 2.1 Speaker System with Bluetooth
Model: NS-5004BT
Test Mode: BR_DH5_Low channel
Order No/Sample No: 168439616/A003538934-005
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
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Critical_Freqs

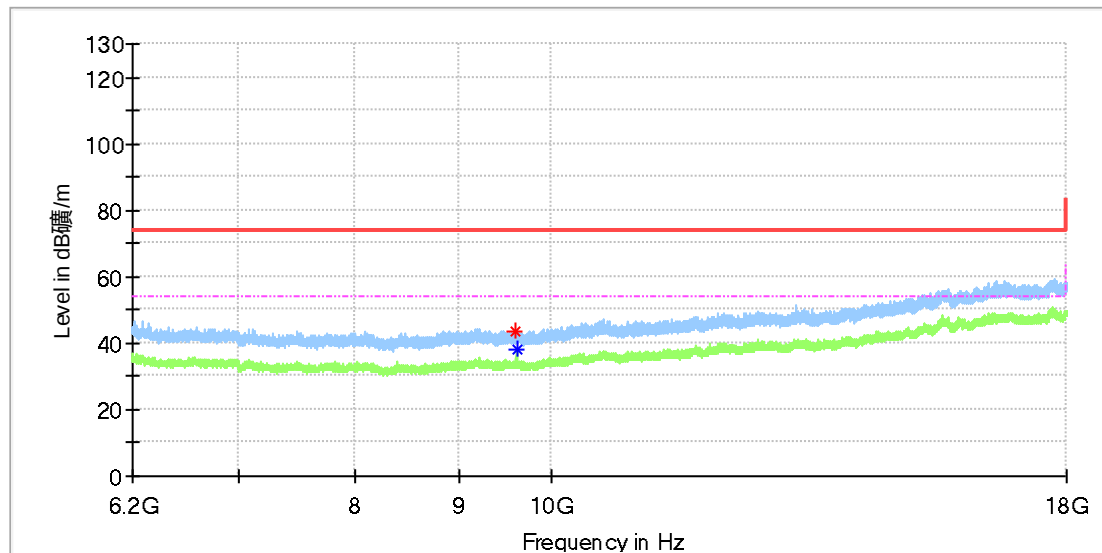
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4812.000000	---	39.65	54.00	14.35	150.0	V	31.0	11.8
4817.500000	50.63	---	74.00	23.37	150.0	V	239.0	11.8

Final_Result

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

EUT Name: 2.1 Speaker System with Bluetooth
Model: NS-5004BT
Test Mode: BR_DH5_Low channel
Order No/Sample No: 168439616/A003538934-005
Test Voltage: AC 120V, 60Hz
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Critical_Freqs

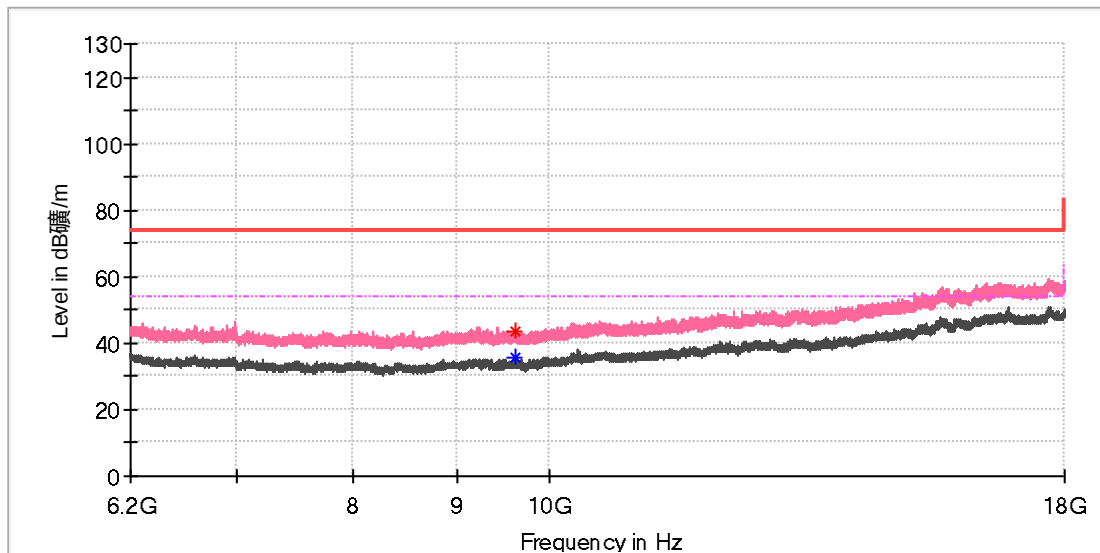
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
9607.250000	43.47	---	74.00	30.53	150.0	H	248.0	10.4
9608.233333	---	38.21	54.00	15.79	150.0	H	248.0	10.4

Final_Result

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

EUT Name: 2.1 Speaker System with Bluetooth
Model: NS-5004BT
Test Mode: BR_DH5_Low channel
Order No/Sample No: 168439616/A003538934-005
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
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Critical_Freqs

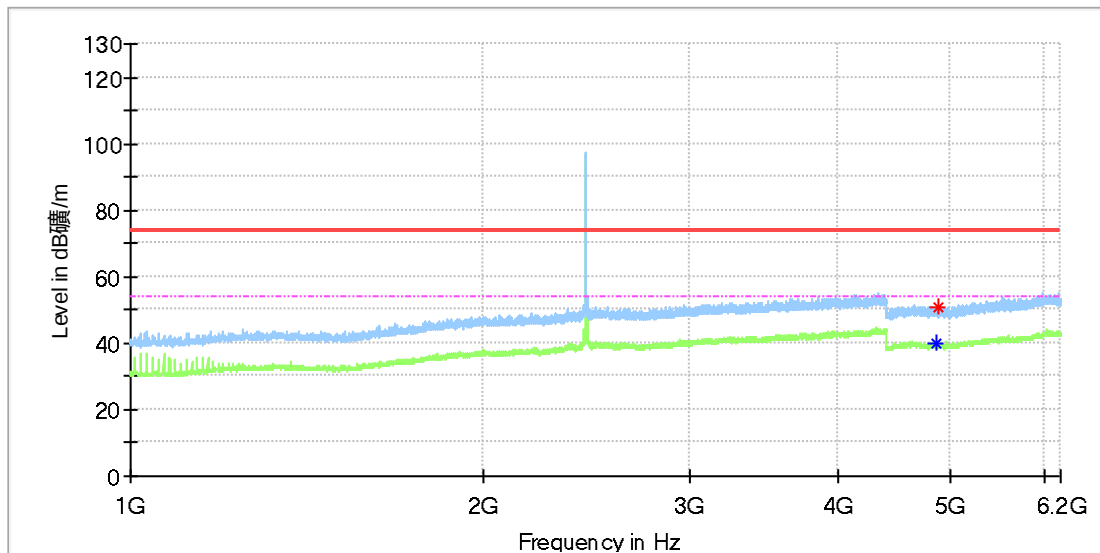
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
9607.741667	---	35.73	54.00	18.27	150.0	V	128.0	10.4
9618.066667	43.49	---	74.00	30.51	150.0	V	0.0	10.4

Final_Result

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

EUT Information

EUT Name: 2.1 Speaker System with Bluetooth
Model: NS-5004BT
Test Mode: BR_DH5_Mid channel
Order No/Sample No: 168439616/A003538934-005
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

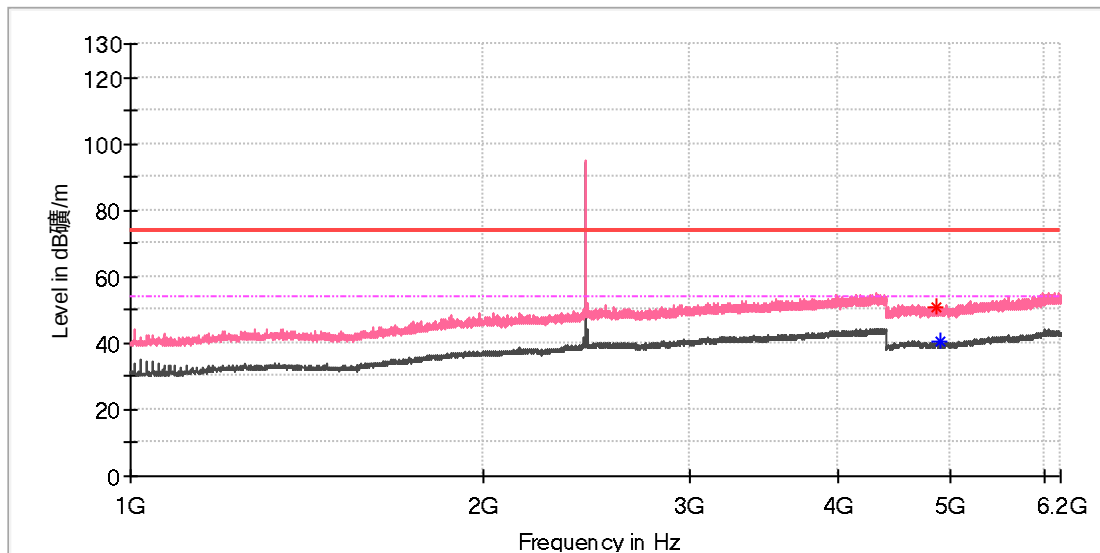
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4864.500000	---	39.63	54.00	14.37	150.0	H	154.0	11.8
4877.000000	50.80	---	74.00	23.20	150.0	H	36.0	11.8

Final_Result

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

EUT Information

EUT Name: 2.1 Speaker System with Bluetooth
Model: NS-5004BT
Test Mode: BR_DH5_Mid channel
Order No/Sample No: 168439616/A003538934-005
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

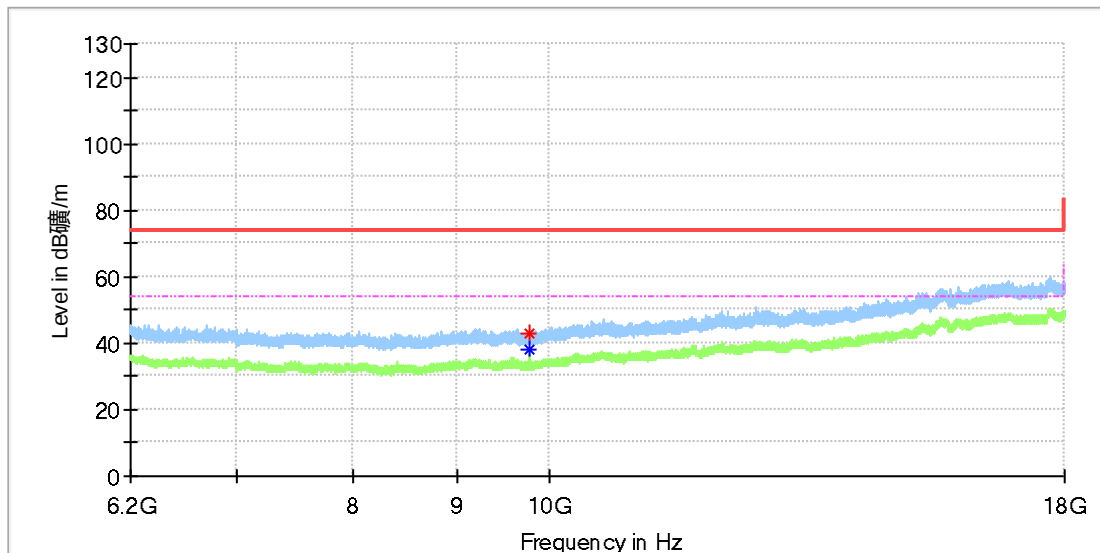
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4861.500000	50.96	---	74.00	23.04	150.0	V	166.0	11.8
4905.500000	---	40.26	54.00	13.74	150.0	V	203.0	11.8

Final_Result

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

EUT Information

EUT Name: 2.1 Speaker System with Bluetooth
Model: NS-5004BT
Test Mode: BR_DH5_Mid channel
Order No/Sample No: 168439616/A003538934-005
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

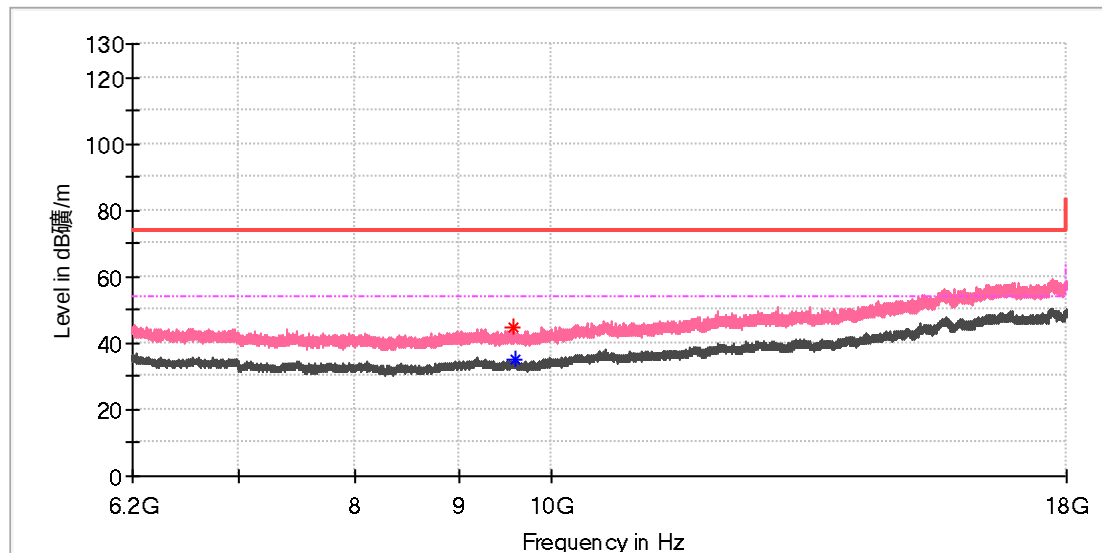
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
9763.600000	42.73	---	74.00	31.27	150.0	H	146.0	10.4
9763.600000	---	38.28	54.00	15.72	150.0	H	146.0	10.4

Final_Result

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

EUT Information

EUT Name: 2.1 Speaker System with Bluetooth
Model: NS-5004BT
Test Mode: BR_DH5_Mid channel
Order No/Sample No: 168439616/A003538934-005
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

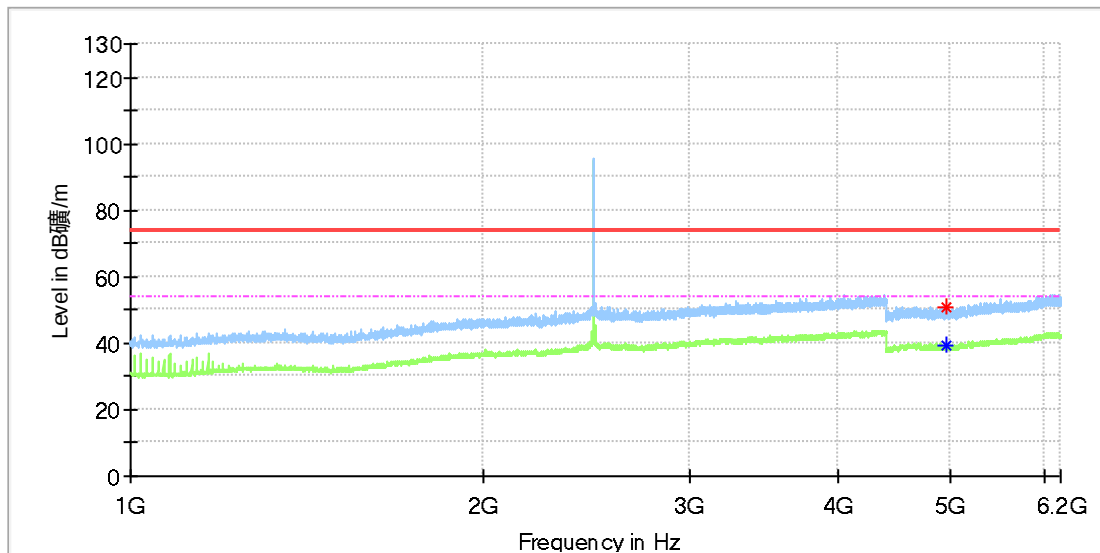
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
9580.208333	44.52	---	74.00	29.48	150.0	V	202.0	10.3
9595.450000	---	35.30	54.00	18.70	150.0	V	106.0	10.3

Final_Result

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

EUT Information

EUT Name: 2.1 Speaker System with Bluetooth
Model: NS-5004BT
Test Mode: BR_DH5_High channel
Order No/Sample No: 168439616/A003538934-005
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

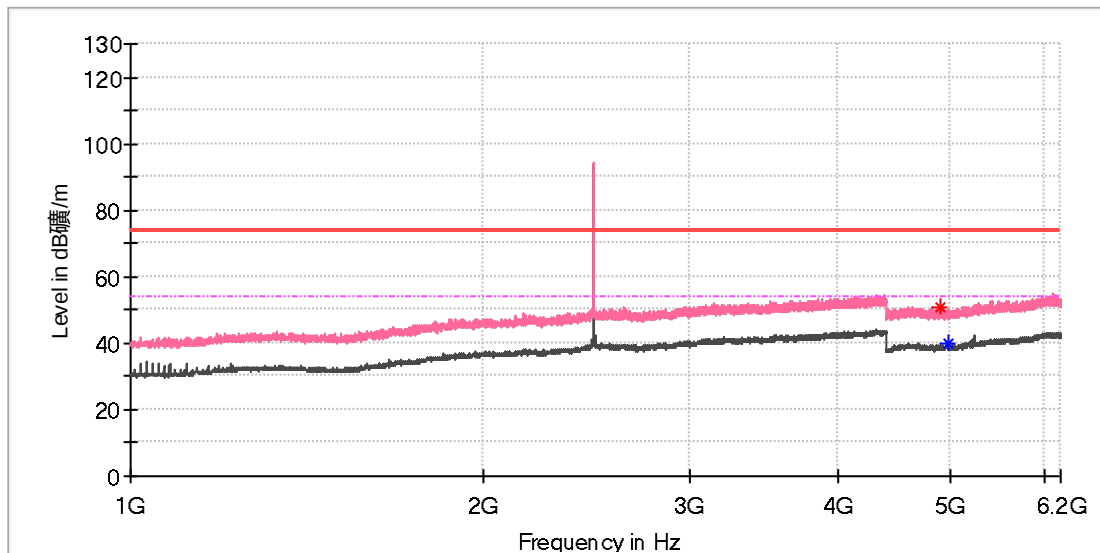
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4947.500000	50.56	---	74.00	23.44	150.0	H	17.0	11.8
4960.000000	---	39.28	54.00	14.72	150.0	H	90.0	11.8

Final_Result

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

EUT Information

EUT Name: 2.1 Speaker System with Bluetooth
Model: NS-5004BT
Test Mode: BR_DH5_High channel
Order No/Sample No: 168439616/A003538934-005
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

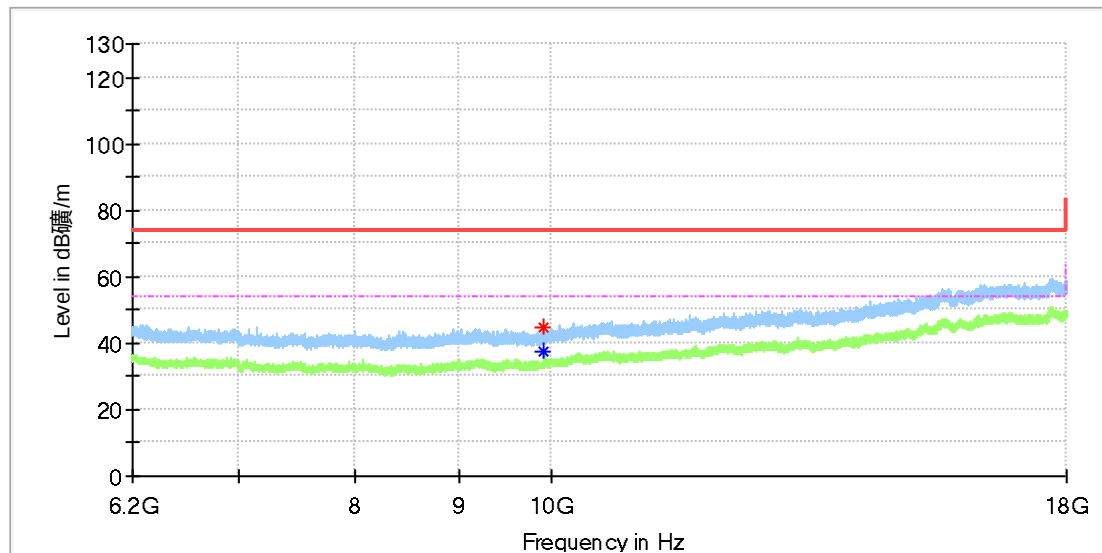
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4892.500000	51.02	---	74.00	22.98	150.0	V	144.0	11.8
4967.500000	---	39.99	54.00	14.01	150.0	V	270.0	11.8

Final_Result

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

EUT Information

EUT Name: 2.1 Speaker System with Bluetooth
Model: NS-5004BT
Test Mode: BR_DH5_High channel
Order No/Sample No: 168439616/A003538934-005
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

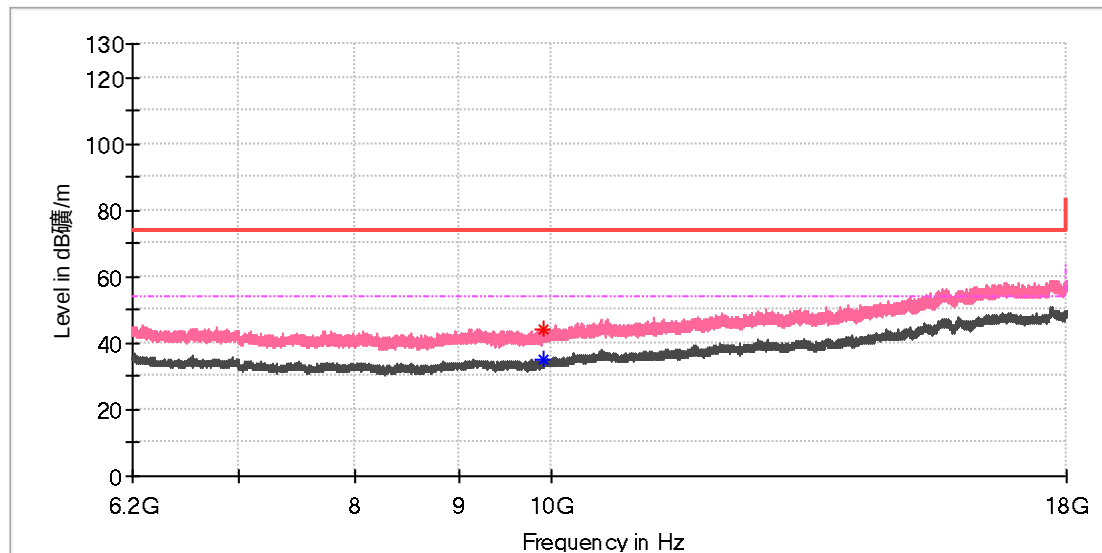
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
9918.966667	45.03	---	74.00	28.97	150.0	H	38.0	10.8
9919.950000	---	37.66	54.00	16.34	150.0	H	121.0	10.8

Final_Result

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

EUT Information

EUT Name: 2.1 Speaker System with Bluetooth
Model: NS-5004BT
Test Mode: BR_DH5_High channel
Order No/Sample No: 168439616/A003538934-005
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:56%
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)
9914.050000	44.24	---	74.00	29.76	150.0	V	349.0	10.8
9919.950000	---	34.85	54.00	19.15	150.0	V	58.0	10.8

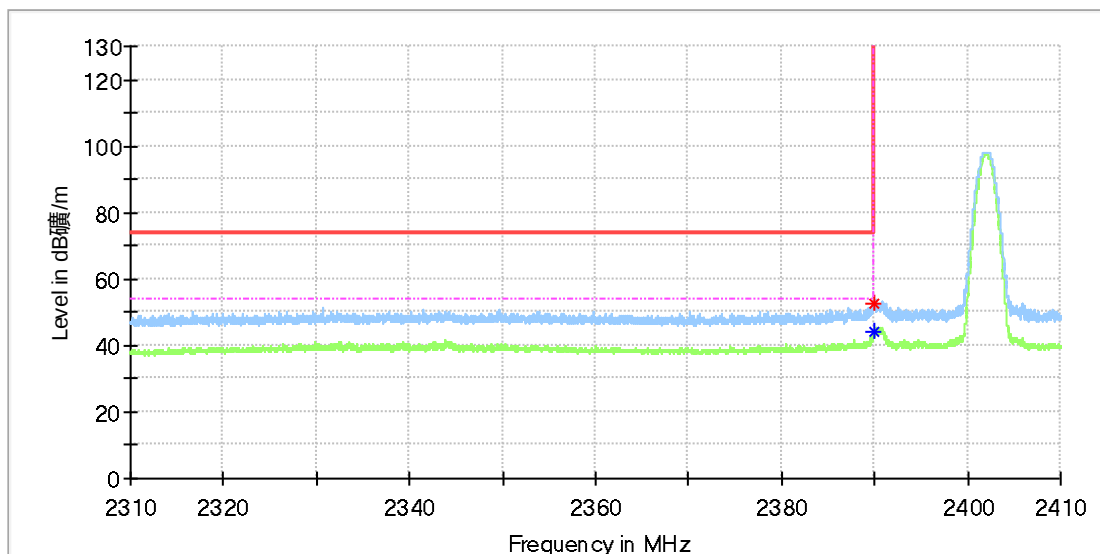
Final_Result

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

Appendix A.8: Test Results of Radiated Emissions in Restricted Bands

EUT Information

EUT Name:	2.1 Speaker System with Bluetooth
Model:	NS-5004BT
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168439616/A003538934-005
Test Voltage:	AC 120V, 60Hz
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

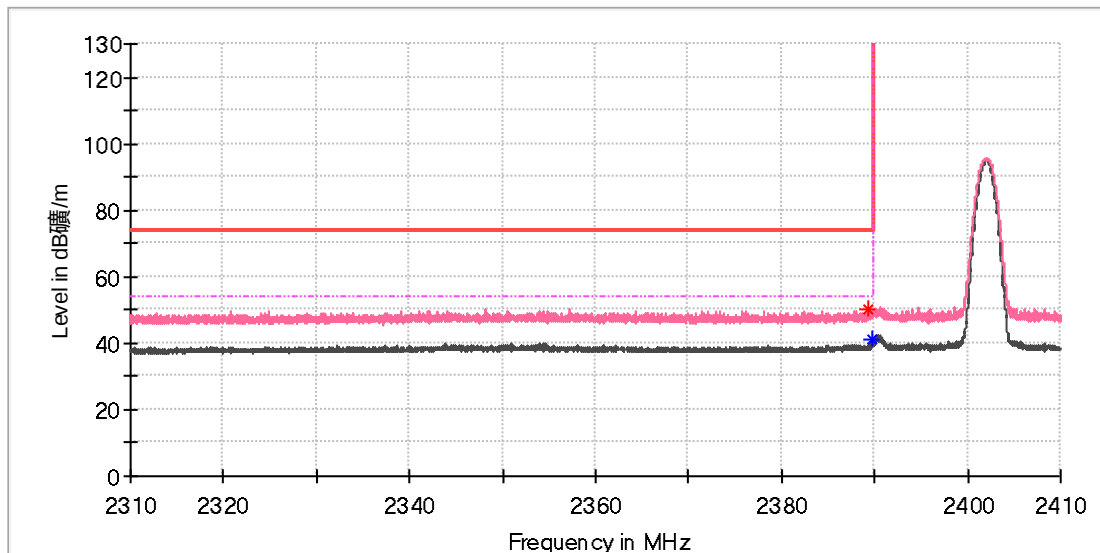
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.867647	52.54	---	74.00	21.46	150.0	H	237.0	7.0
2390.000000	---	44.40	54.00	9.60	150.0	H	0.0	7.0

Final Result

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

EUT Information

EUT Name: 2.1 Speaker System with Bluetooth
Model: NS-5004BT
Test Mode: BR_DH5_Low channel
Order No/Sample No: 168439616/A003538934-005
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

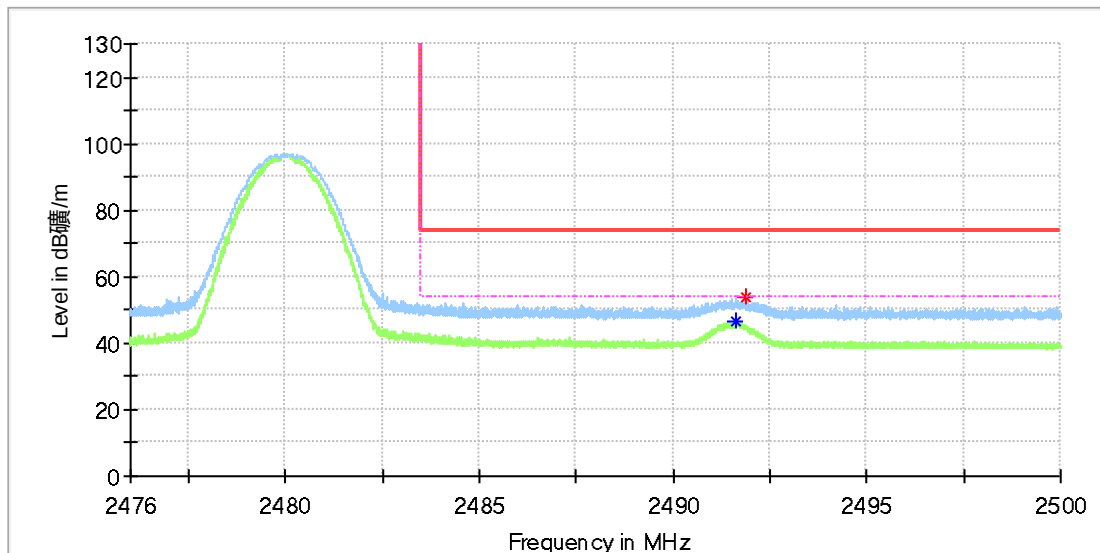
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.279412	50.44	---	74.00	23.56	150.0	V	261.0	7.0
2389.779412	---	41.30	54.00	12.70	150.0	V	323.0	7.0

Final_Result

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

EUT Information

EUT Name: 2.1 Speaker System with Bluetooth
Model: NS-5004BT
Test Mode: BR_DH5_High channel
Order No/Sample No: 168439616/A003538934-005
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

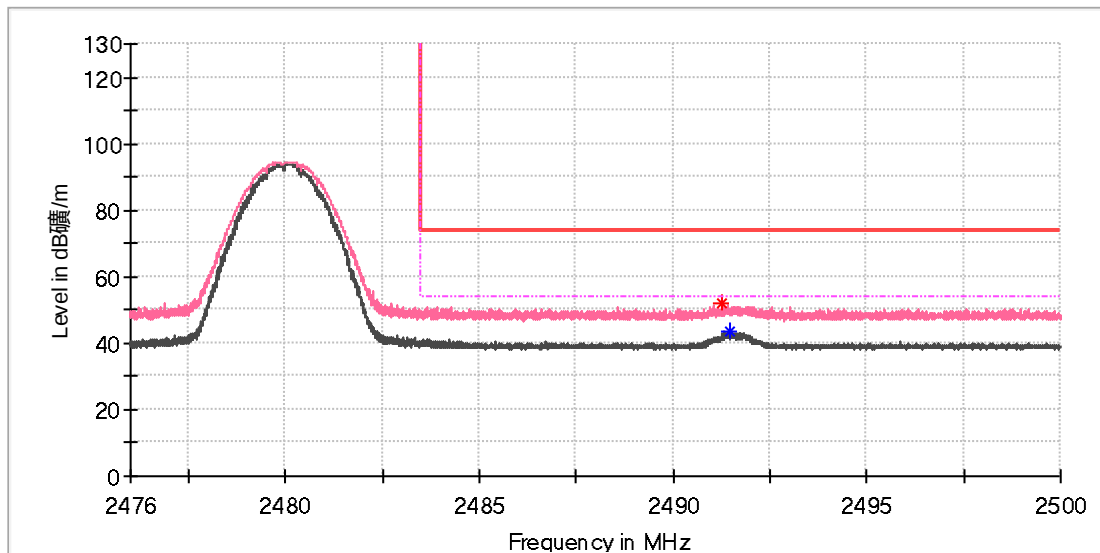
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2491.600000	---	46.37	54.00	7.63	150.0	H	358.0	7.4
2491.868235	53.76	---	74.00	20.24	150.0	H	354.0	7.4

Final_Result

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

EUT Information

EUT Name: 2.1 Speaker System with Bluetooth
Model: NS-5004BT
Test Mode: BR_DH5_High channel
Order No/Sample No: 168439616/A003538934-005
Test Voltage: AC 120V, 60Hz
Remark: Temp 23 Humi:56%
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)
2491.250588	51.70	---	74.00	22.30	150.0	V	315.0	7.4
2491.465882	---	43.53	54.00	10.47	150.0	V	277.0	7.4

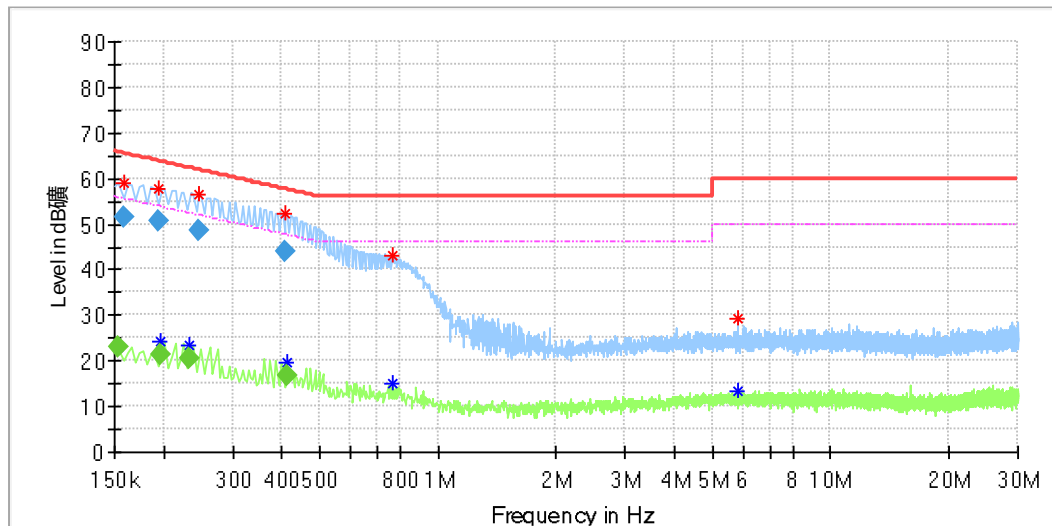
Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix A.9: Test Results of Conducted Emission on AC Mains

EUT Information

EUT Name: 2.1 Speaker System with Bluetooth
Order Number: 168439616 30
Model: NS-5004BT
Test Mode: Bluetooth mode+Light
Test Voltage: AC 120V/60Hz
Test Standard: FCC Part 15
Test By:/Review By: Solomon Wu/Gary Chen
Tem./Hum./Pressure: 25.0°C/51.2%/101kPa
Remark: SR2



Critical Freqs

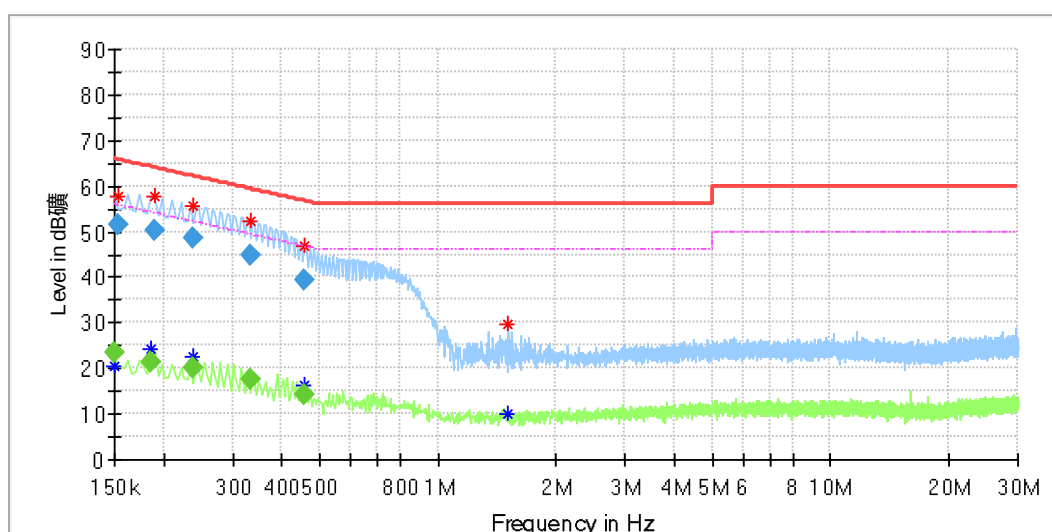
Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.154000	---	23.03	56.00	32.97	L1	9.9
0.158000	58.88	---	65.78	6.90	L1	9.9
0.193500	57.94	---	63.69	5.76	L1	9.9
0.197500	---	24.23	53.53	29.30	L1	9.9
0.233500	---	23.36	52.17	28.80	L1	9.9
0.245500	56.34	---	61.76	5.42	L1	9.9
0.409500	52.25	---	57.57	5.32	L1	9.9
0.413500	---	19.61	47.65	28.03	L1	9.9
0.770000	---	15.03	46.00	30.97	L1	10.0
0.770000	43.02	---	56.00	12.98	L1	10.0
5.814000	---	13.56	50.00	36.44	L1	10.3
5.814000	29.10	---	60.00	30.90	L1	10.3

Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.154000	---	23.04	55.78	32.75	1000.0	9.000	L1	9.9
0.158000	51.48	---	65.57	14.09	1000.0	9.000	L1	9.9
0.193500	50.47	---	63.89	13.41	1000.0	9.000	L1	9.9
0.197500	---	21.41	53.72	32.31	1000.0	9.000	L1	9.9
0.233500	---	20.33	52.32	31.99	1000.0	9.000	L1	9.9
0.245500	48.62	---	61.91	13.28	1000.0	9.000	L1	9.9
0.409500	44.07	---	57.66	13.59	1000.0	9.000	L1	9.9
0.413500	---	16.64	47.58	30.94	1000.0	9.000	L1	9.9

EUT Information

EUT Name: 2.1 Speaker System with Bluetooth
Order Number: 168439616 30
Model: NS-5004BT
Test Mode: Bluetooth mode+Light
Test Voltage: AC 120V/60Hz
Test Standard: FCC Part 15
Test By:/Review By: Solomon Wu/Gary Chen
Tem./Hum./Pressure: 25.0°C/51.2%/101kPa
Remark: SR2



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.150000	---	20.60	55.78	35.18	N	9.8
0.154000	57.94	---	66.00	8.06	N	9.8
0.185500	---	24.14	54.04	29.90	N	9.8
0.190500	57.71	---	64.21	6.51	N	9.8
0.237500	55.74	---	62.03	6.29	N	9.8
0.237500	---	22.62	52.03	29.41	N	9.8
0.333500	---	17.38	49.25	31.87	N	9.8
0.333500	52.36	---	59.25	6.89	N	9.8
0.457500	---	16.22	46.66	30.44	N	9.8
0.457500	46.97	---	56.66	9.68	N	9.8
1.510000	---	10.19	46.00	35.81	N	9.8
1.510000	29.60	---	56.00	26.40	N	9.8

Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.150000	---	23.34	56.00	32.66	1000.0	9.000	N	9.8
0.154000	51.43	---	65.78	14.35	1000.0	9.000	N	9.8
0.185500	---	21.47	54.24	32.77	1000.0	9.000	N	9.8
0.190500	50.06	---	64.02	13.95	1000.0	9.000	N	9.8
0.237500	48.38	---	62.18	13.81	1000.0	9.000	N	9.8
0.237500	---	19.91	52.18	32.27	1000.0	9.000	N	9.8
0.333500	44.91	---	59.36	14.45	1000.0	9.000	N	9.8
0.333500	---	17.39	49.36	31.97	1000.0	9.000	N	9.8
0.457500	---	14.08	46.74	32.66	1000.0	9.000	N	9.8
0.457500	39.38	---	56.74	17.36	1000.0	9.000	N	9.8