

Appendix B: Test Results of Bluetooth BR/EDR mode

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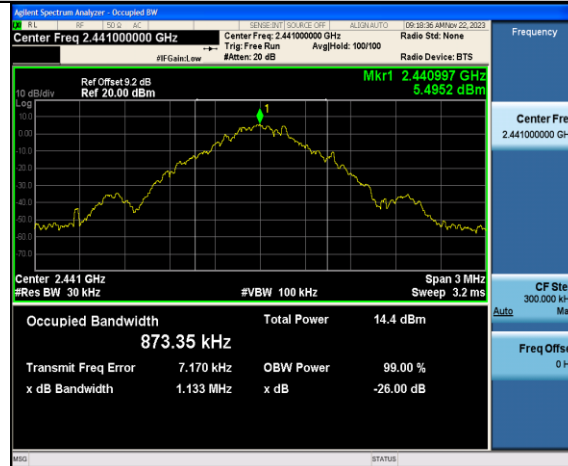
Appendix B.1: Test Results of 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.965	2401.514	2402.479	---	PASS
		2441	0.874	2440.570	2441.444	---	PASS
		2480	0.944	2479.518	2480.460	---	PASS
3DH5	Ant1	2402	1.152	2401.420	2402.572	---	PASS
		2441	1.162	2440.415	2441.577	---	PASS
		2480	1.147	2479.423	2480.570	---	PASS

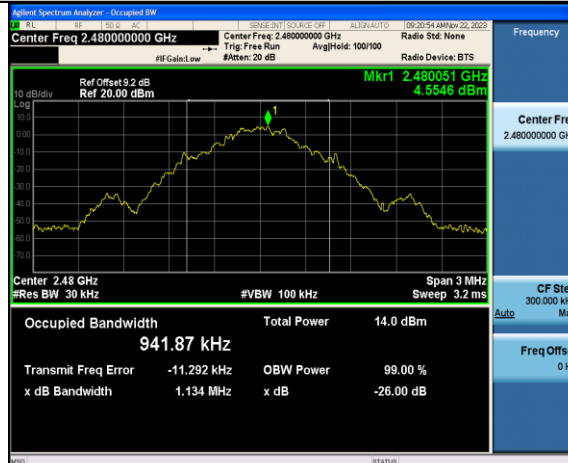
DH5_Ant1_2402



DH5_Ant1_2441



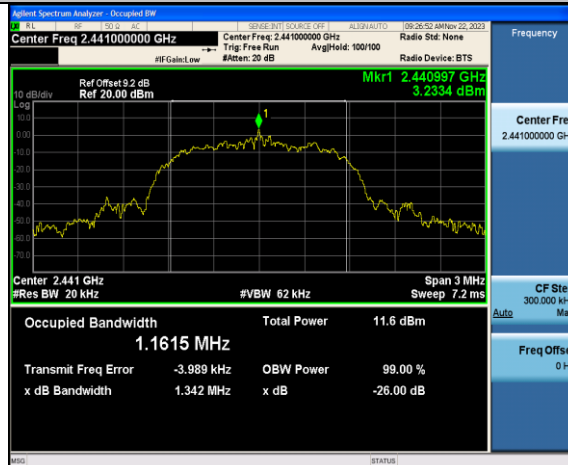
DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



Appendix B.2: Test Results of 20dB Bandwidth

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.981	2401.496	2402.477	---	PASS
		2441	0.990	2440.532	2441.522	---	PASS
		2480	0.993	2479.529	2480.522	---	PASS
3DH5	Ant1	2402	1.272	2401.349	2402.621	---	PASS
		2441	1.266	2440.352	2441.618	---	PASS
		2480	1.257	2479.355	2480.612	---	PASS

DH5_Ant1_2402



DH5_Ant1_2441



DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



Appendix B.3: Test Results of Carrier Frequency Separation

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hopping-2402	0.999	≥0.654	PASS
	Ant1	Hopping-2441	1.002	≥0.660	PASS
	Ant1	Hopping-2480	0.999	≥0.662	PASS
3DH5	Ant1	Hopping-2402	1.002	≥0.848	PASS
	Ant1	Hopping-2441	1.002	≥0.844	PASS
	Ant1	Hopping-2480	0.999	≥0.838	PASS

DH5_Ant1_Hop_2402



DH5_Ant1_Hop_2441



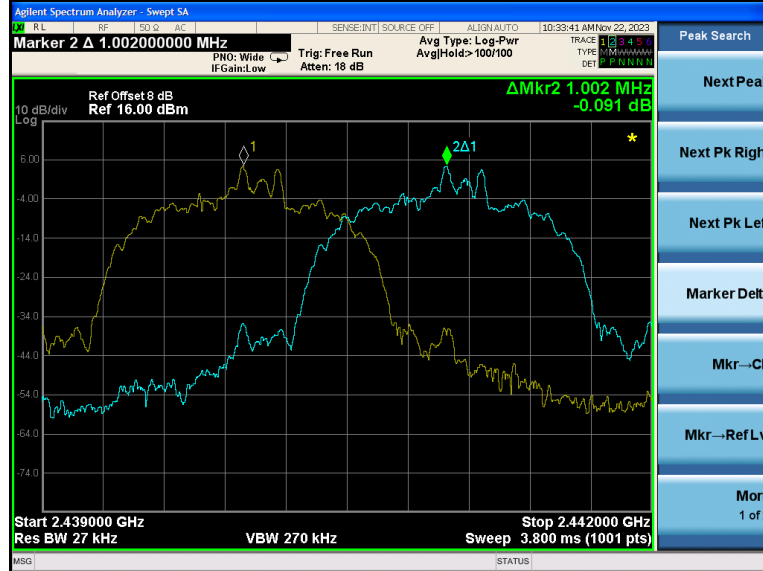
DH5_Ant1_Hop_2480



3DH5_Ant1_Hop_2402



DH5_Ant1_Hop_2441

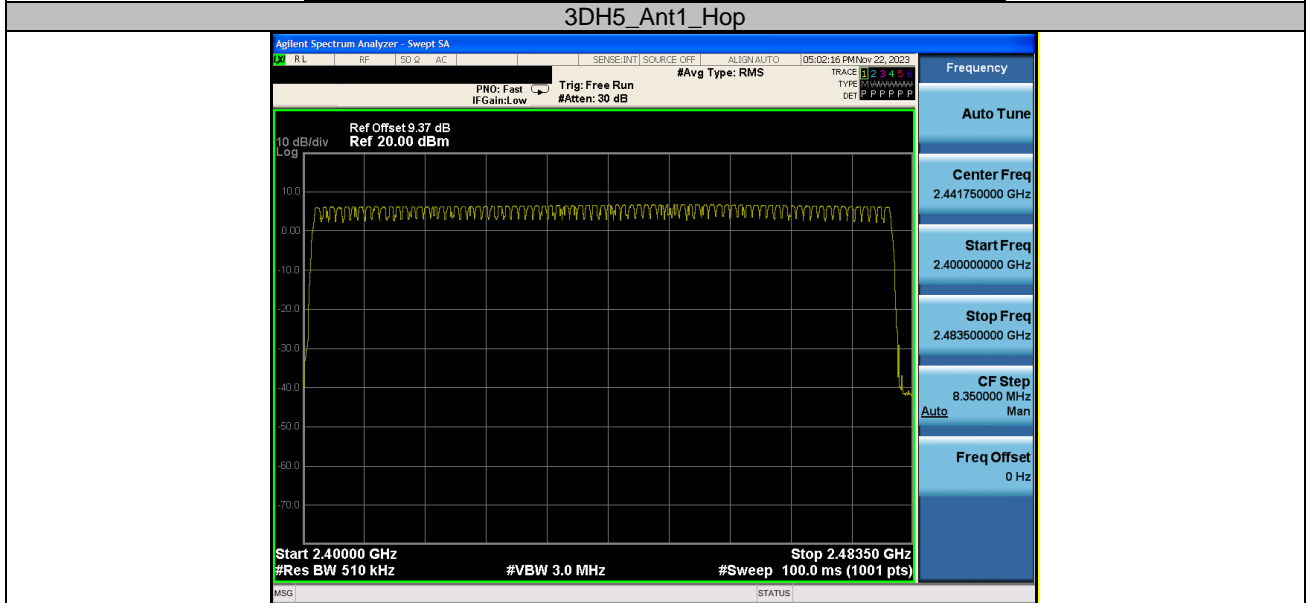
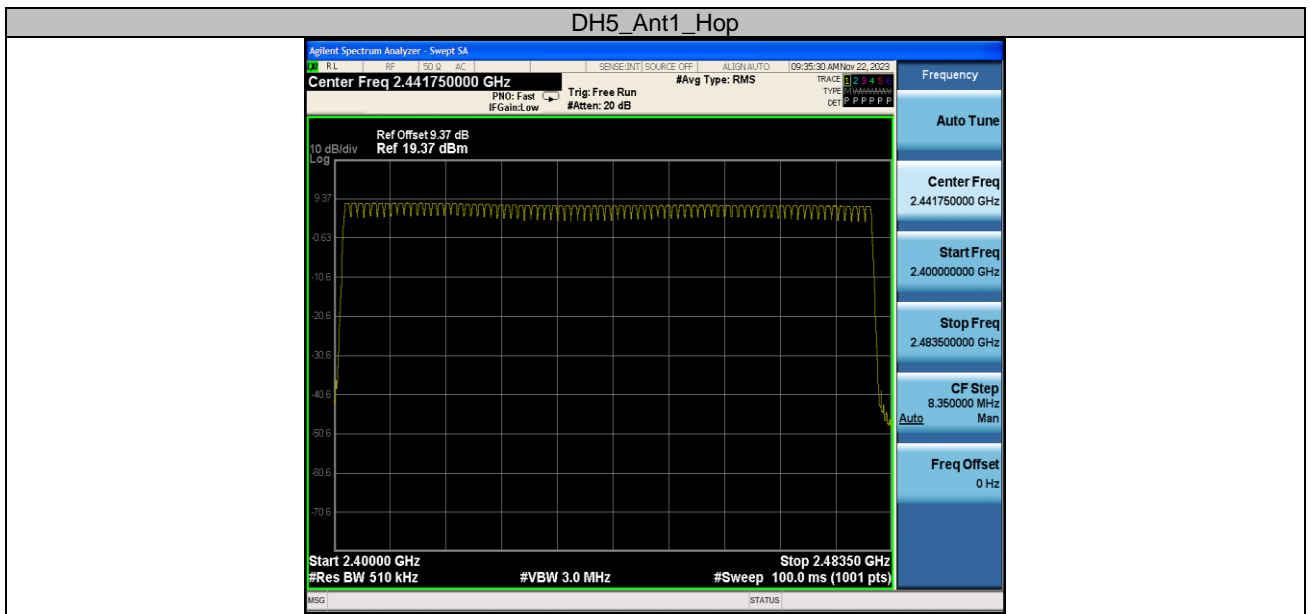


3DH5_Ant1_Hop_2480



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

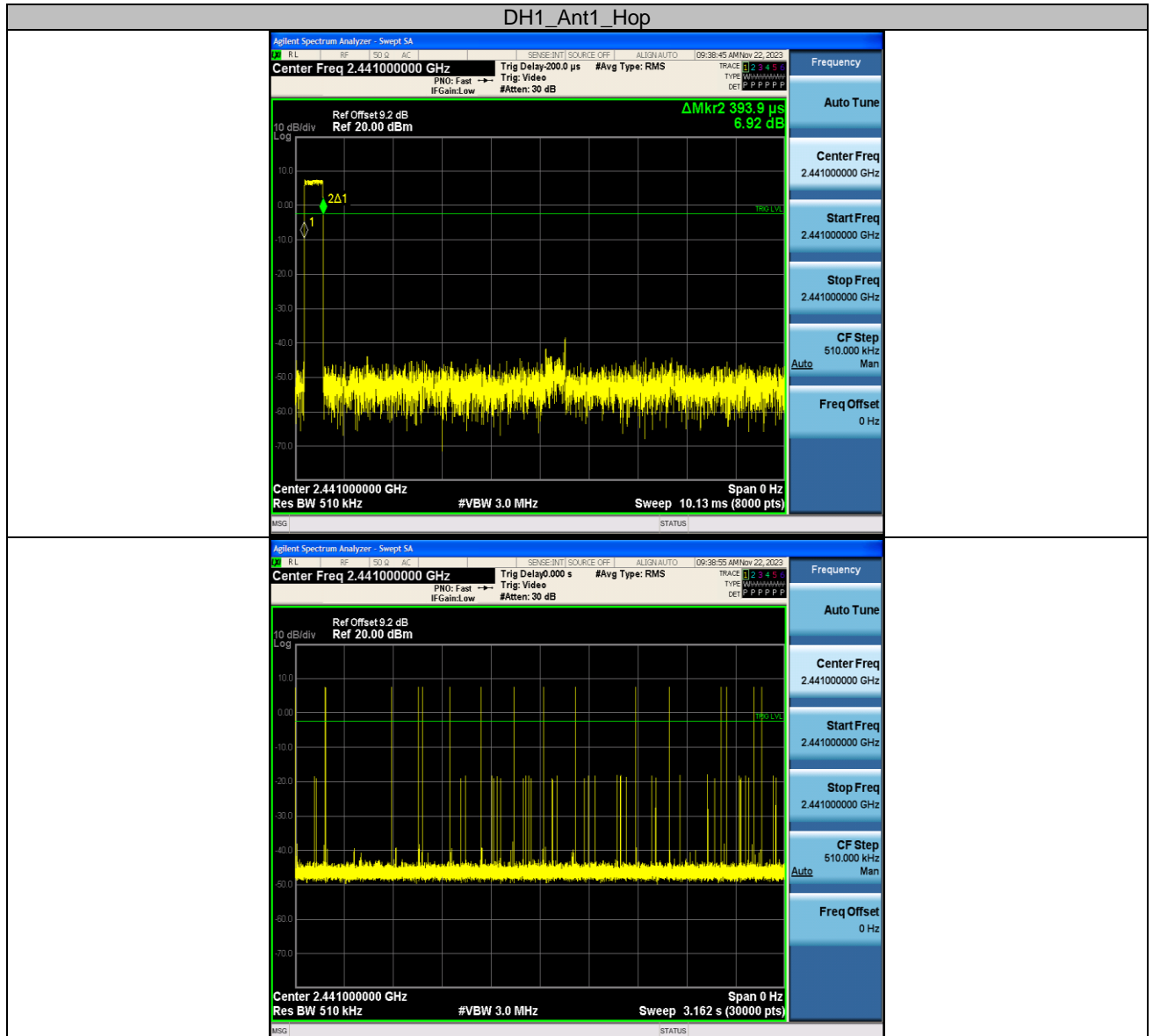
TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS



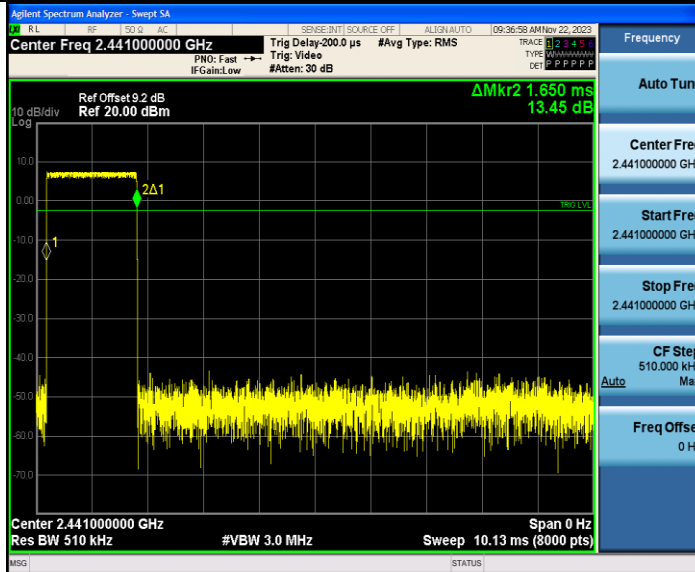
Appendix B.5: Test Results of Time of Occupancy

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.394	160	0.063	≤0.4	PASS
DH3	Ant1	Hop	1.650	140	0.231	≤0.4	PASS
DH5	Ant1	Hop	2.898	90	0.261	≤0.4	PASS
3DH1	Ant1	Hop	0.404	150	0.061	≤0.4	PASS
3DH3	Ant1	Hop	1.653	100	0.165	≤0.4	PASS
3DH5	Ant1	Hop	2.904	40	0.116	≤0.4	PASS

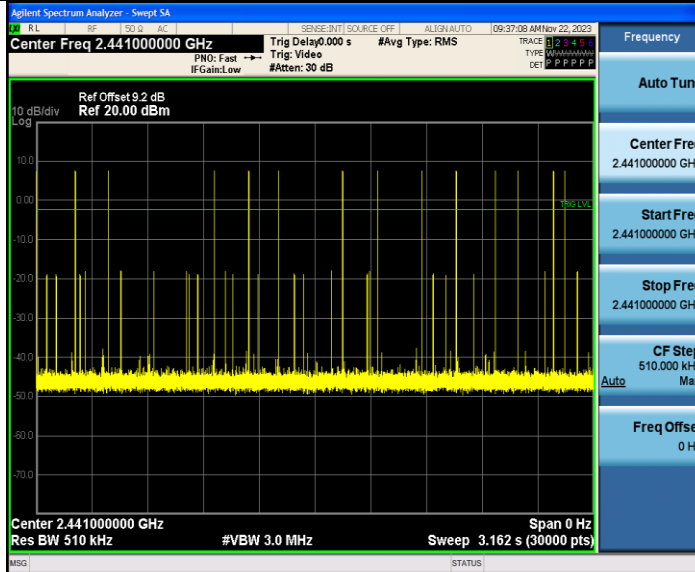
DH1_Ant1_Hop



DH3_Ant1_Hop

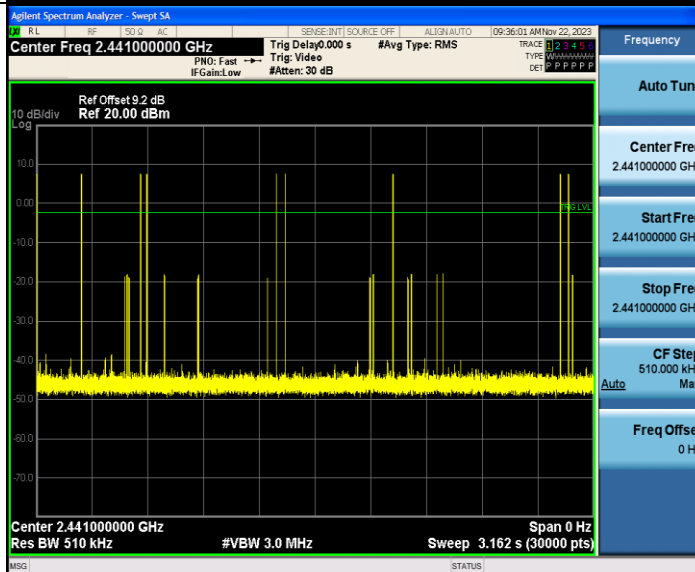
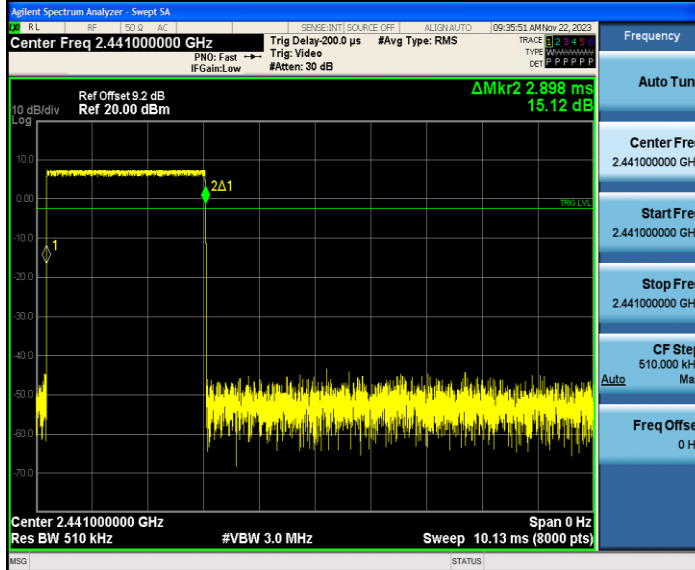


Frequency
Auto Tune
Center Freq 2.441000000 GHz
Start Freq 2.441000000 GHz
Stop Freq 2.441000000 GHz
CF Step 510.000 kHz Auto Man
Freq Offset 0 Hz

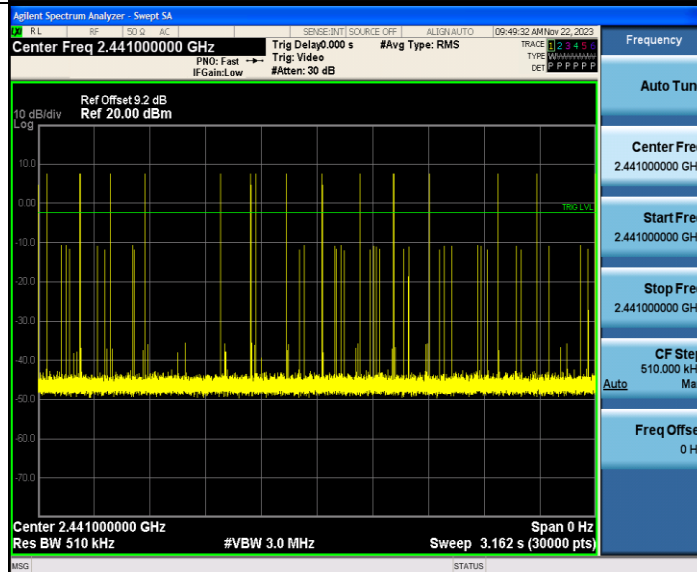
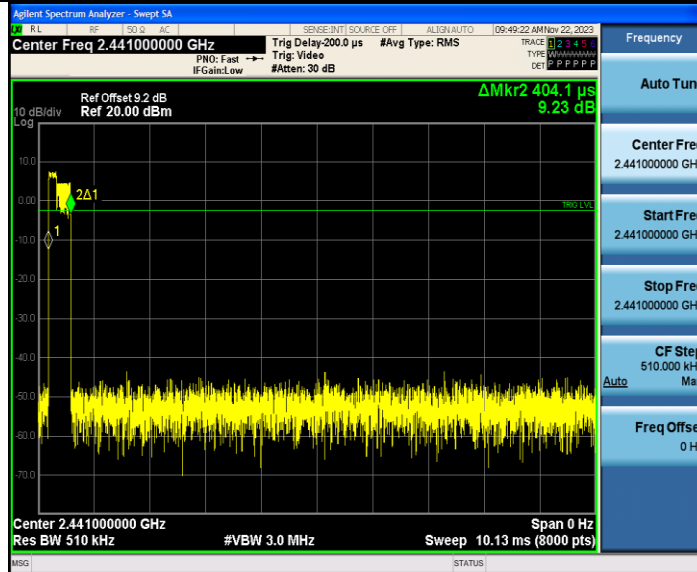


Frequency
Auto Tune
Center Freq 2.441000000 GHz
Start Freq 2.441000000 GHz
Stop Freq 2.441000000 GHz
CF Step 510.000 kHz Auto Man
Freq Offset 0 Hz

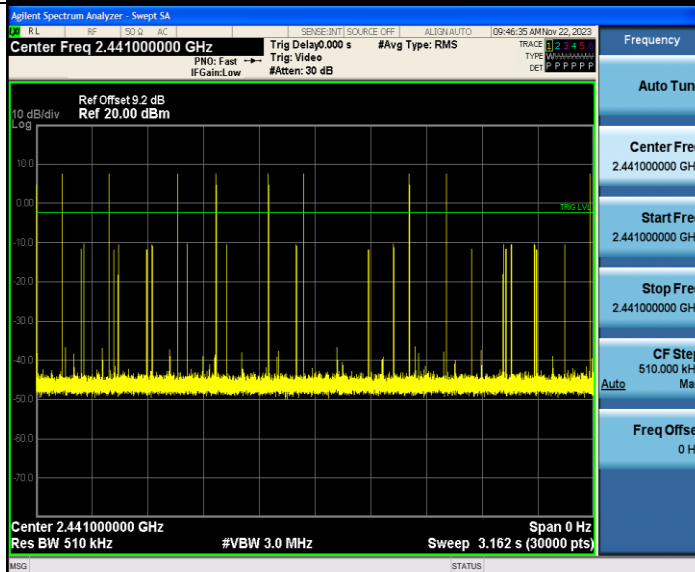
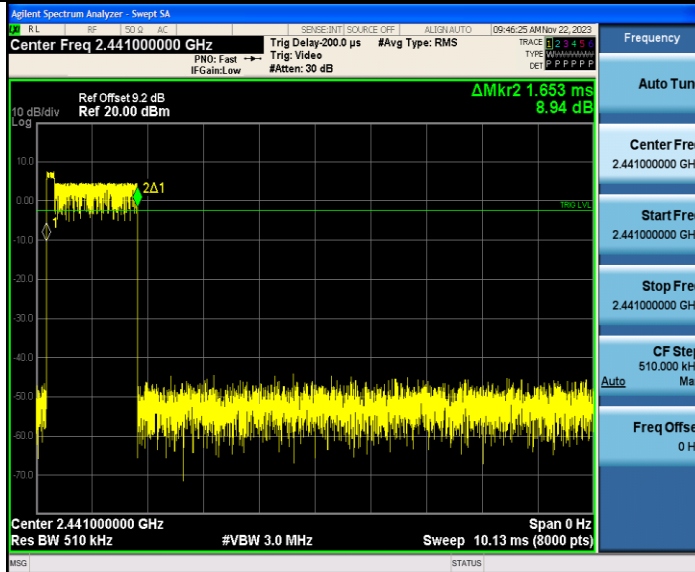
DH5_Ant1_Hop



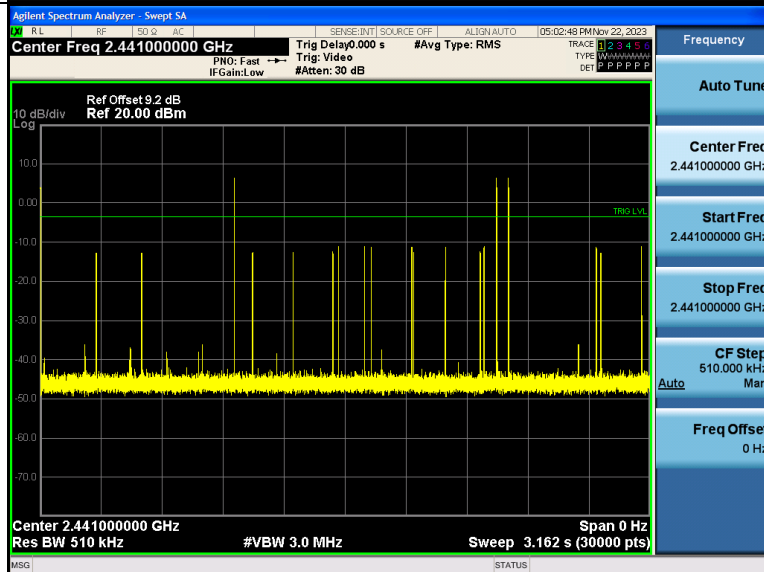
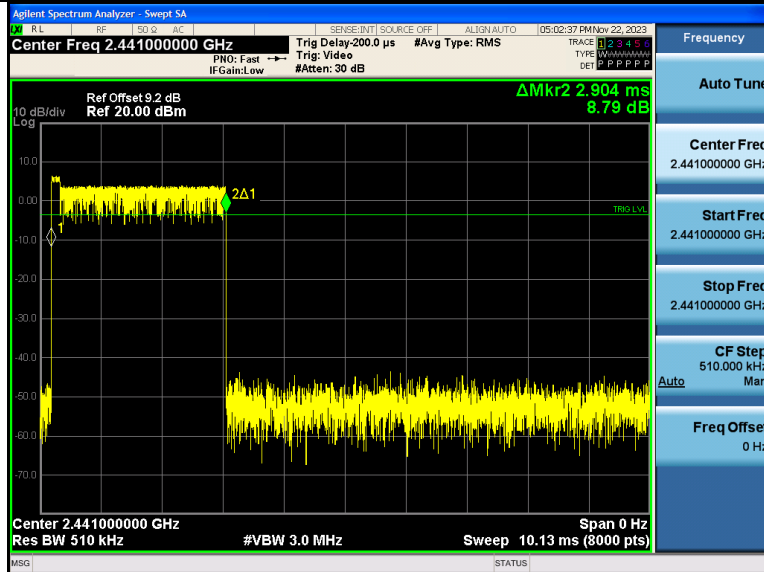
3DH1_Ant1_Hop



3DH3_Ant1_Hop



3DH5_Ant1_Hop



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

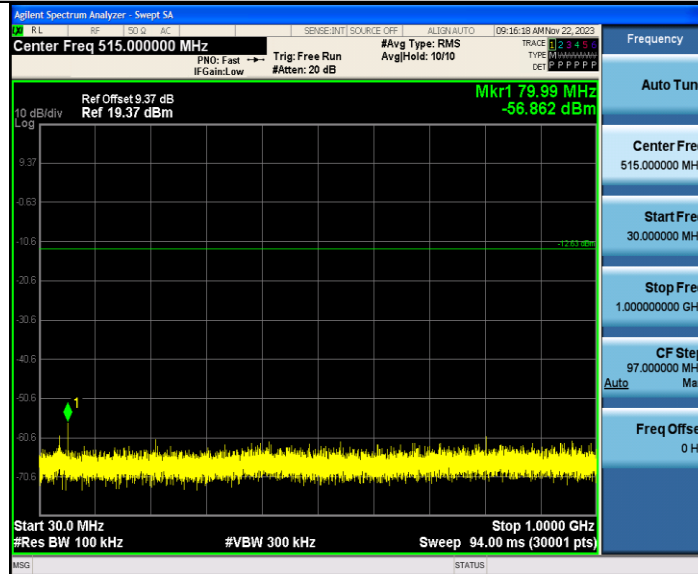
Conducted Spurious Emission

TestMode	Antenna	Channel	FreqRange [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict	
DH5	Ant1	2402	Reference	7.37		---	---	
			30~1000		-56.86	≤-12.63	PASS	
			1000~26500		-44.22	≤-12.63	PASS	
		2441	Reference	7.03		---	---	PASS
			30~1000		-55.52	≤-12.97	PASS	
			1000~26500		-44.03	≤-12.97	PASS	
		2480	Reference	6.21		---	---	---
			30~1000		-54.74	≤-13.79	PASS	
			1000~26500		-47.00	≤-13.79	PASS	
3DH5	Ant1	2402	Reference	4.87		---	---	
			30~1000		-56.00	≤-15.13	PASS	
			1000~26500		-49.48	≤-15.13	PASS	
		2441	Reference	1.79		---	---	---
			30~1000		-53.84	≤-18.21	PASS	
			1000~26500		-49.99	≤-18.21	PASS	
		2480	Reference	6.27		---	---	---
			30~1000		-54.48	≤-13.73	PASS	
			1000~26500		-49.33	≤-13.73	PASS	

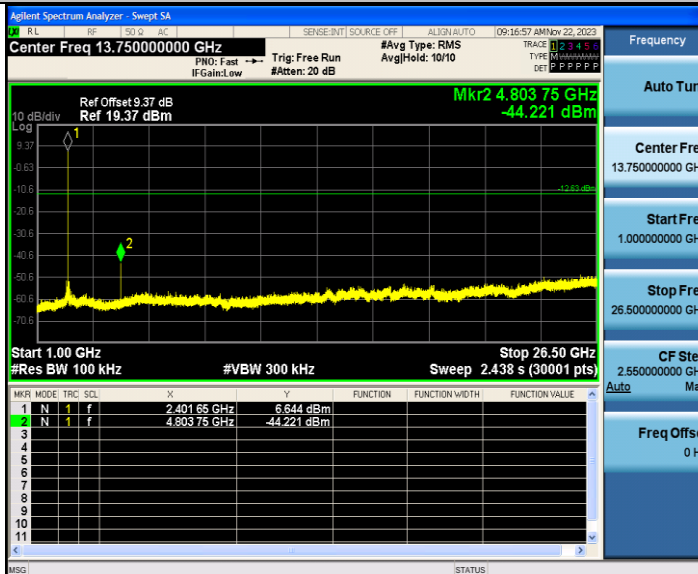
DH5_Ant1_2402_0~Reference



DH5_Ant1_2402_30~1000



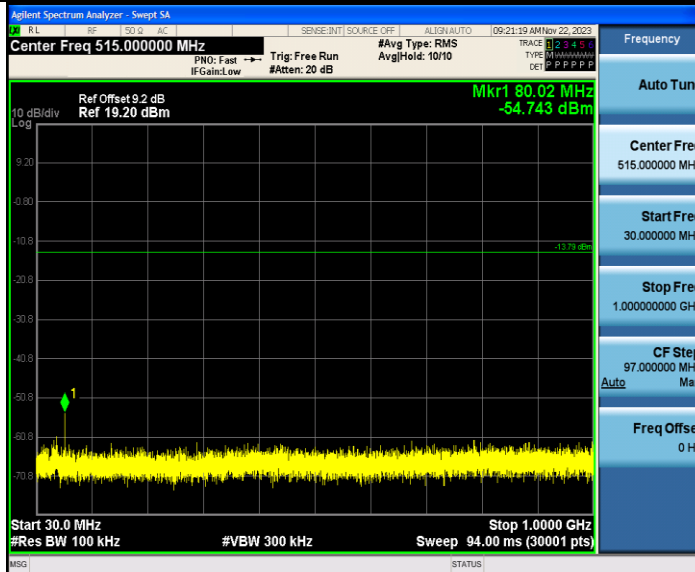
DH5_Ant1_2402_1000~26500



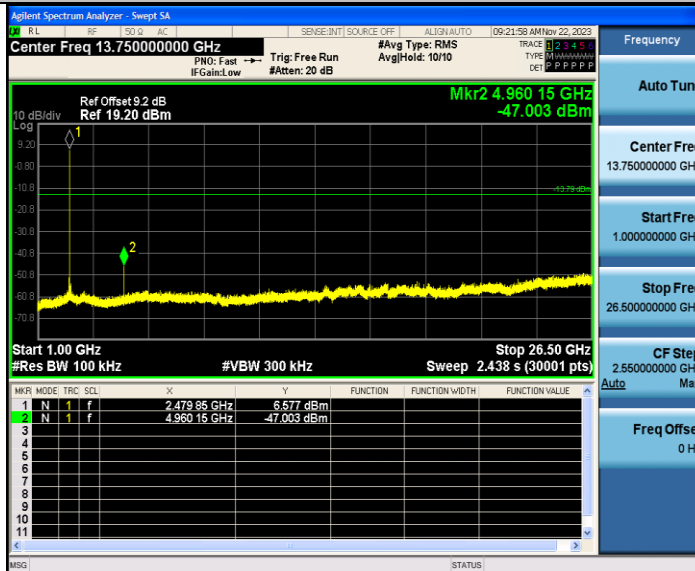
DH5_Ant1_2480_0~Reference



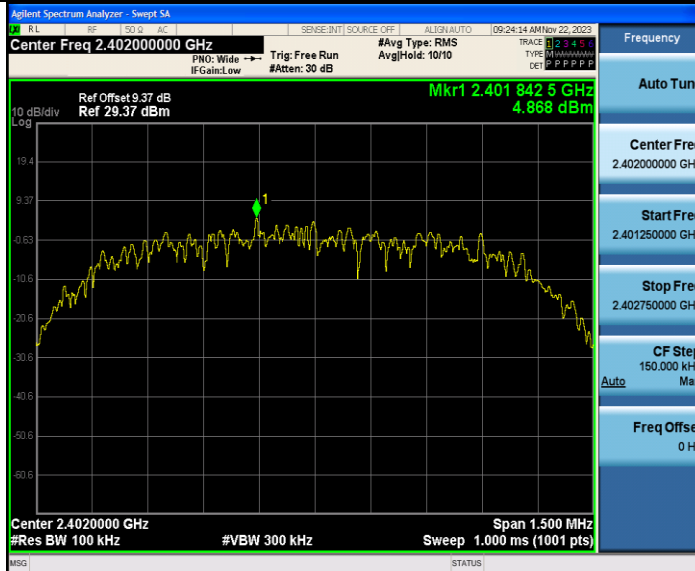
DH5_Ant1_2480_30~1000



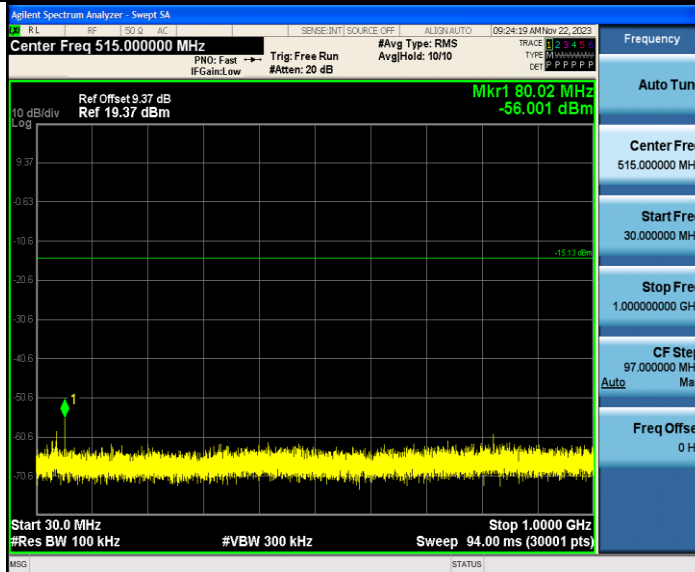
DH5_Ant1_2480_1000~26500



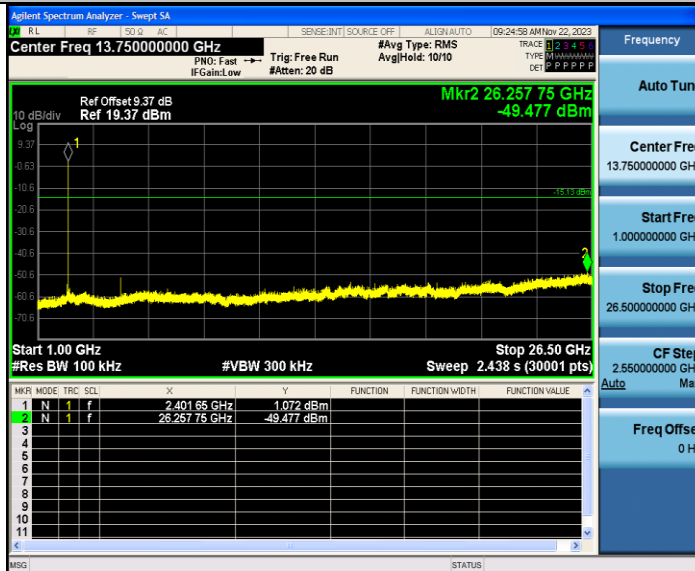
3DH5_Ant1_2402_0~Reference



3DH5_Ant1_2402_30~1000



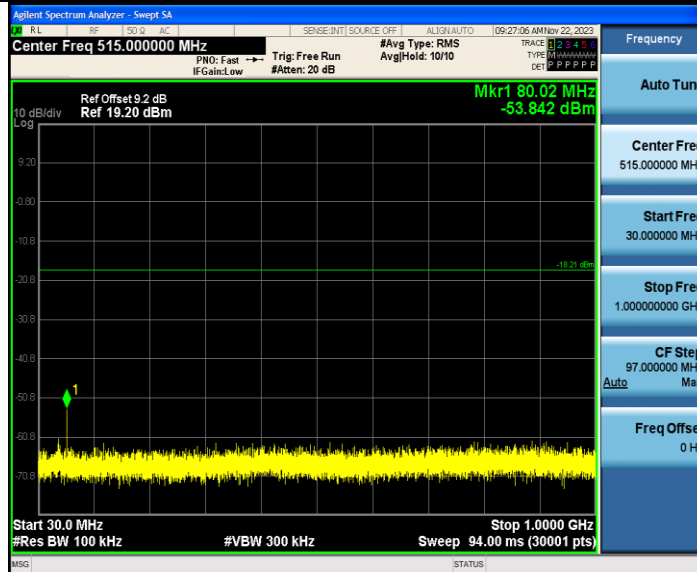
3DH5_Ant1_2402_1000~26500



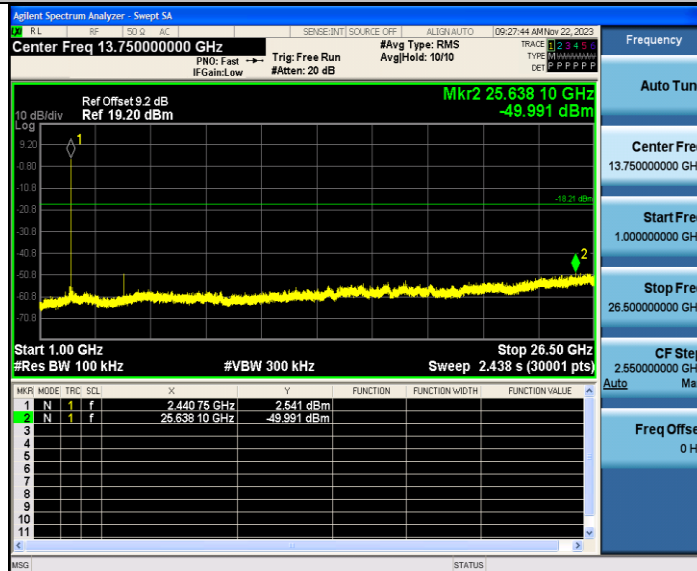
3DH5_Ant1_2441_0~Reference



3DH5_Ant1_2441_30~1000



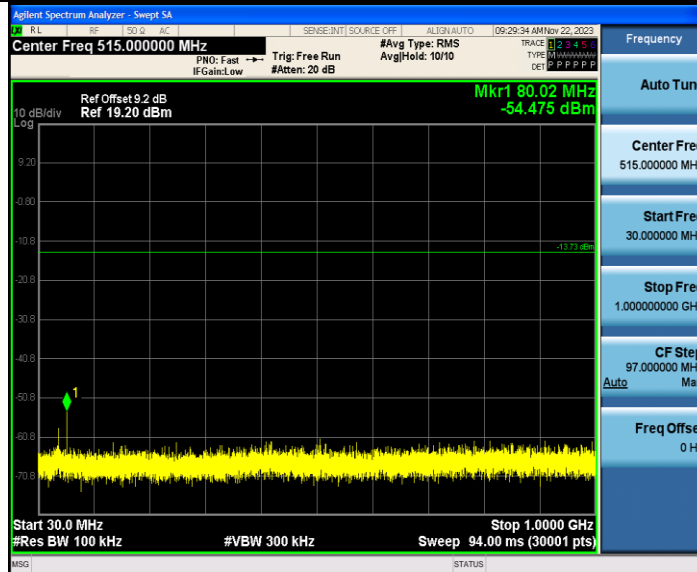
3DH5_Ant1_2441_1000~26500



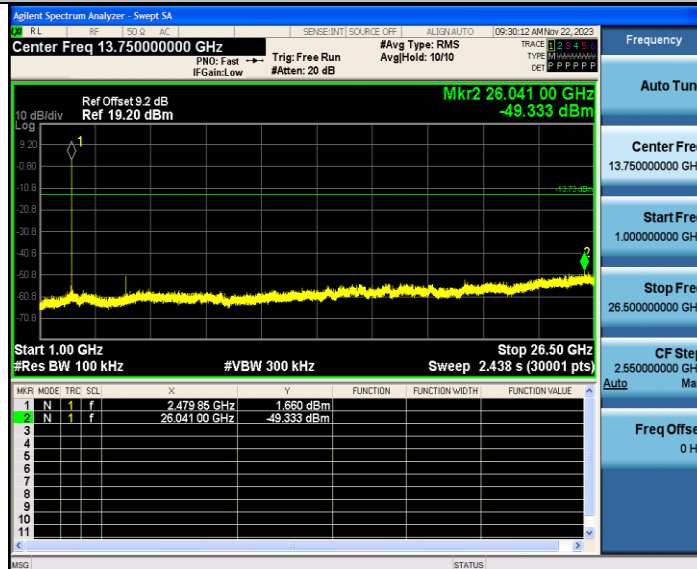
3DH5_Ant1_2480_0~Reference



3DH5_Ant1_2480_30~1000



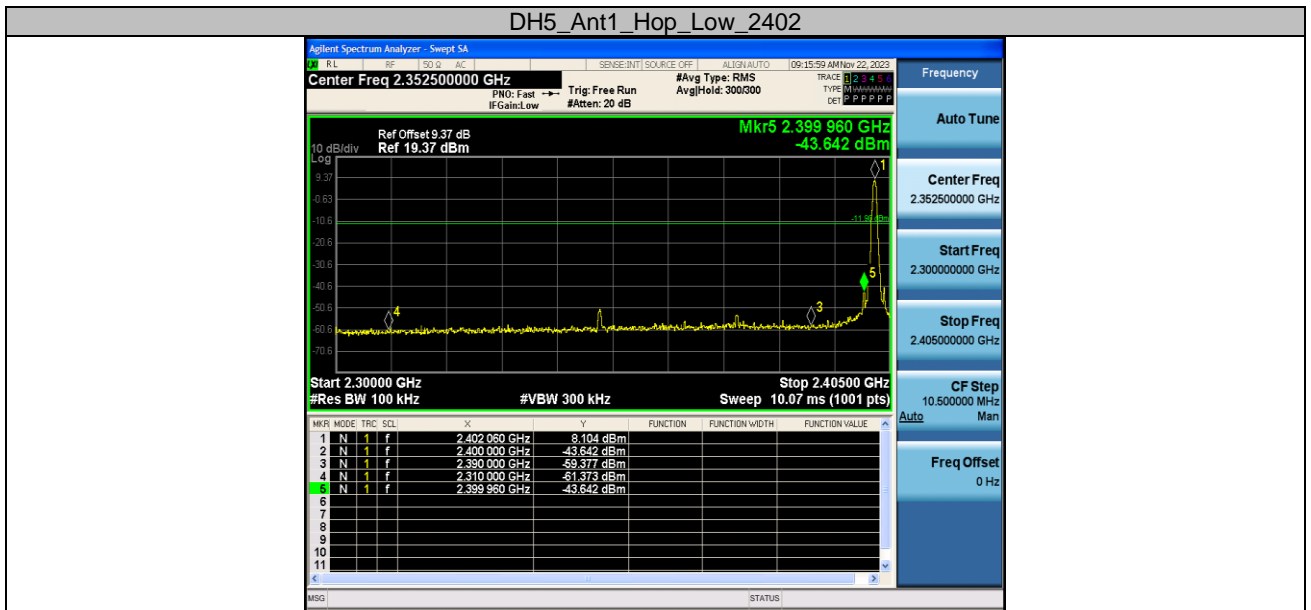
3DH5_Ant1_2480_1000~26500



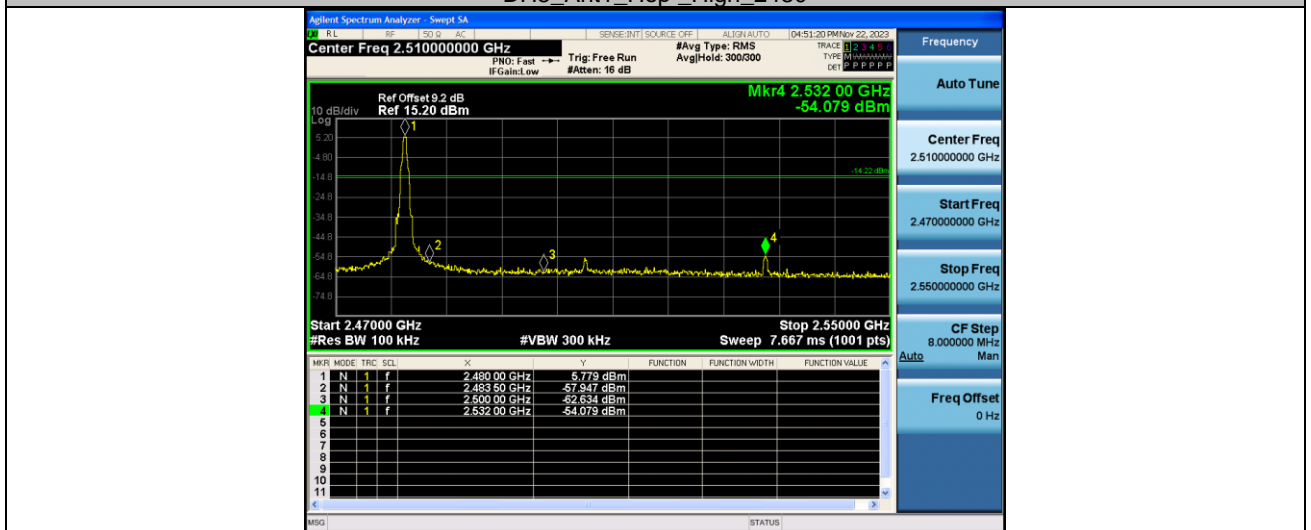
Band Edge

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	8.10	-43.64	≤-11.90	PASS
		High	2480	5.78	-54.08	≤-14.22	PASS
		Low	Hop_2402	7.34	-51.17	≤-12.66	PASS
		High	Hop_2480	6.91	-48.12	≤-13.09	PASS
3DH5	Ant1	Low	2402	8.02	-44.2	≤-11.98	PASS
		High	2480	6.33	-54.85	≤-13.67	PASS
		Low	Hop_2402	2.97	-48.55	≤-17.03	PASS
		High	Hop_2480	7.24	-47.6	≤-12.76	PASS

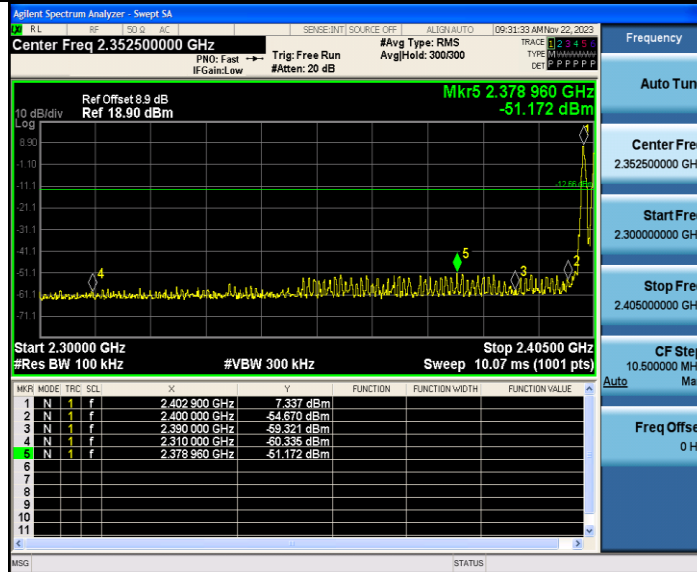
DH5_Ant1_Hop_Low_2402



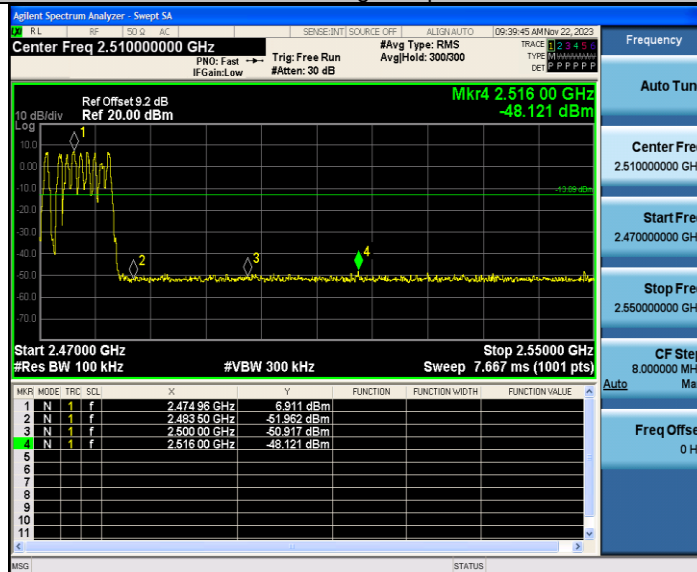
DH5_Ant1_Hop_High_2480



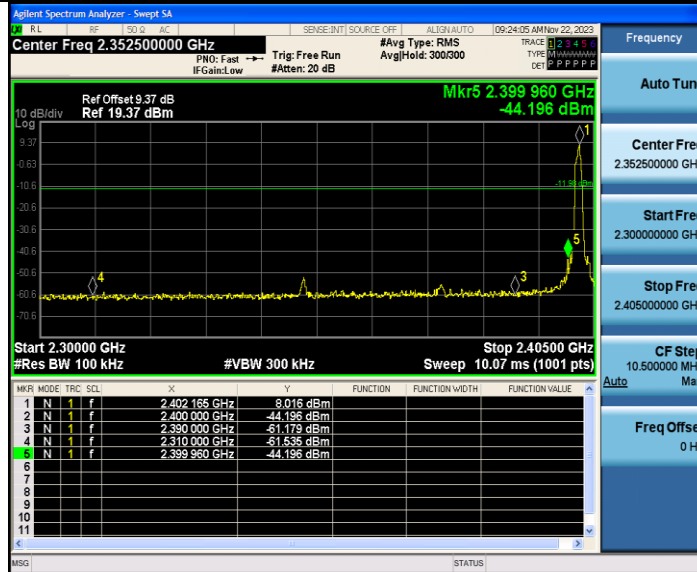
DH5_Ant1_Low_Hop_2402



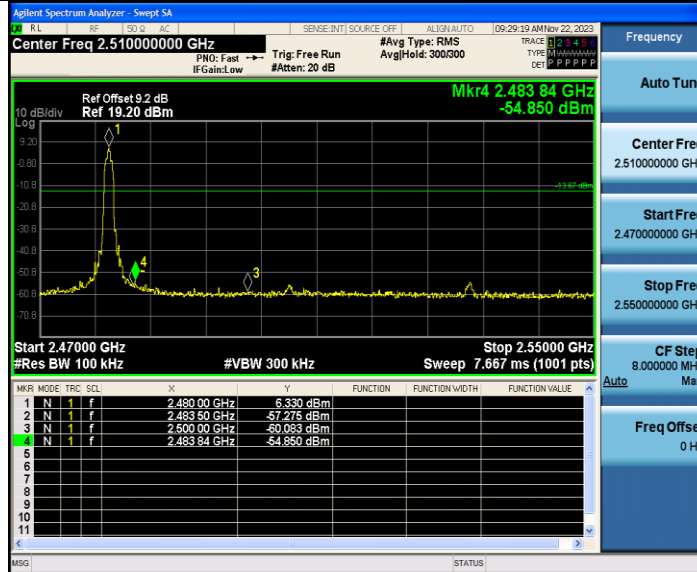
DH5_Ant1_High_Hop_2480



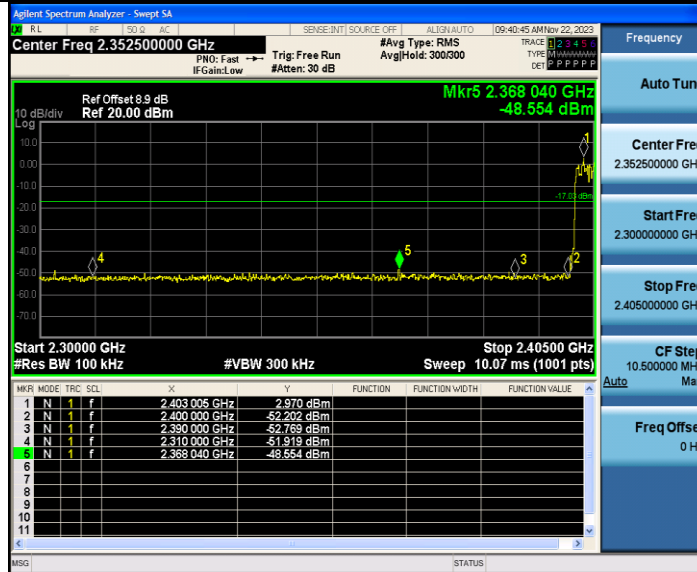
3DH5_Ant1_Low_2402



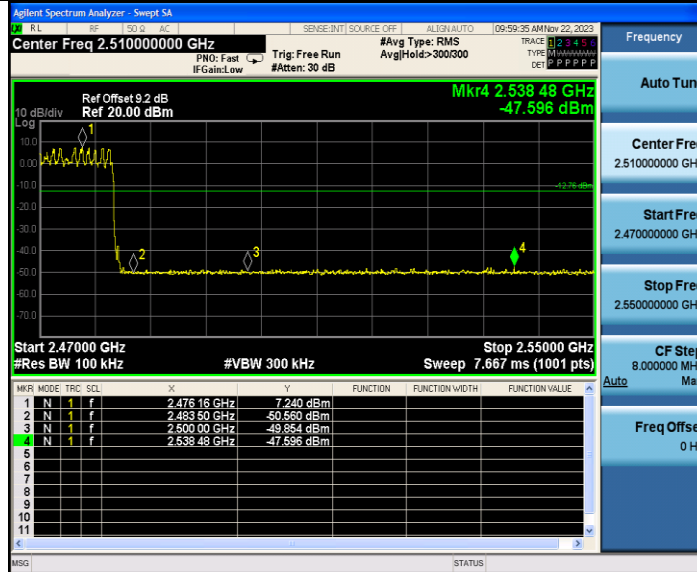
3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480



Note: Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

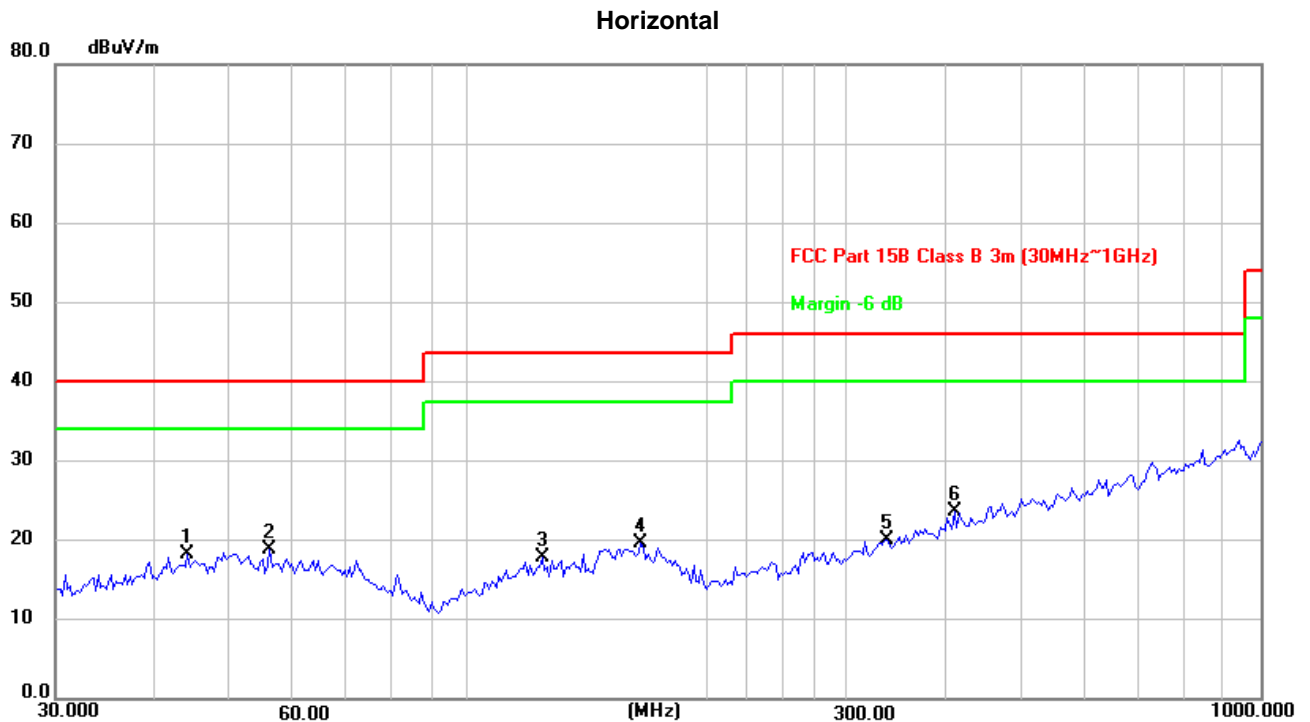
Appendix B.7: Test Results of Radiated Spurious Emissions

Note: This testing was carried out on different modulations, but only the worst case was presented in this report.

30MHz - 1GHz

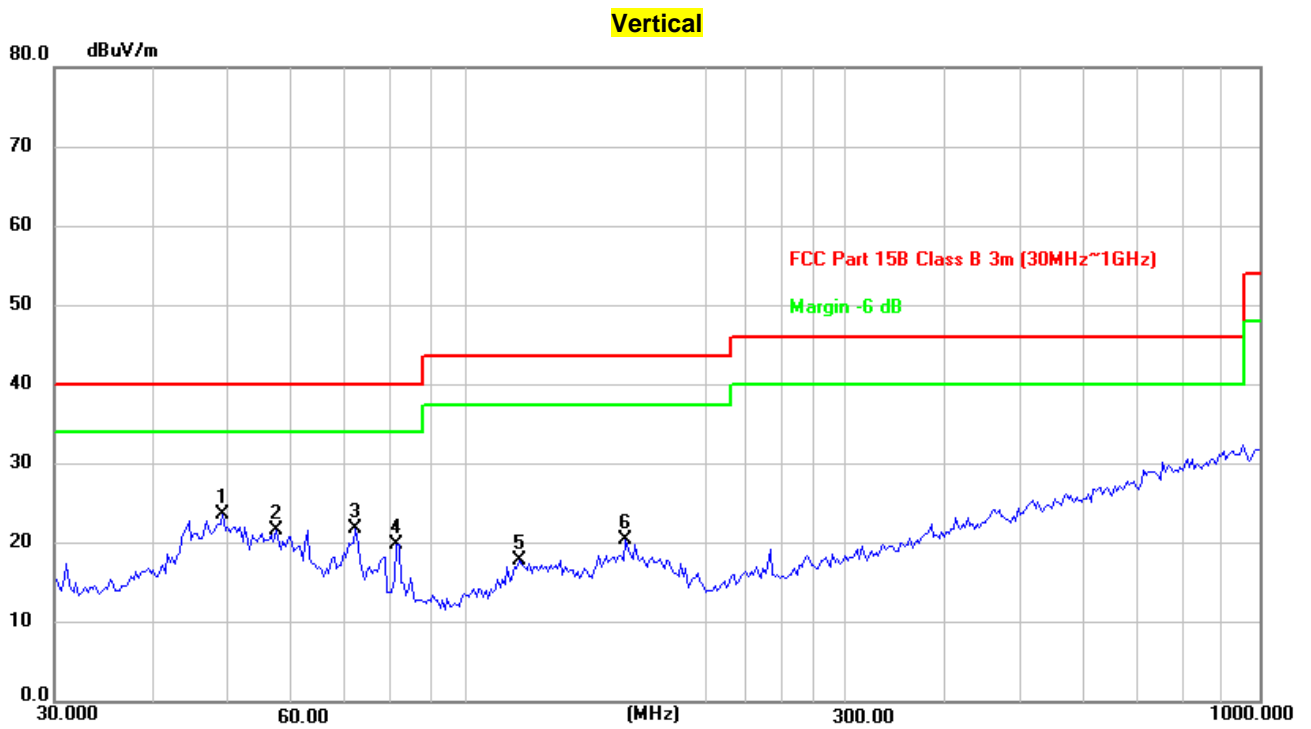
EUT Information

EUT Name:	Foldable Bluetooth Stereo Noise Reduction Headphone
Model:	BN982
Test Mode:	BR_DH5_Hop
Test Voltage::	DC 3.7V From battery
Remark:	Temp 24 Humi: 37%
Test Standard:	FCC 15.247
Tested By:	Hua
Reviewed By:	Scott He



Critical_Freqs

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	44.1202	32.49	-14.26	18.23	40.00	-21.77	peak	221	201
2	56.0007	32.86	-14.00	18.86	40.00	-21.14	peak	187	188
3	123.6985	32.72	-14.90	17.82	43.50	-25.68	peak	233	325
4	164.9075	32.88	-13.32	19.56	43.50	-23.94	peak	106	84
5	337.2155	31.98	-12.00	19.98	46.00	-26.02	peak	245	166
6	410.3825	32.88	-9.15	23.73	46.00	-22.27	peak	219	217



Critical_Freqs

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	49.0145	37.64	-14.05	23.59	40.00	-16.41	peak	115	221
2	57.1914	35.97	-14.34	21.63	40.00	-18.37	peak	134	187
3	72.0843	38.25	-16.31	21.94	40.00	-18.06	peak	106	302
4	81.2117	37.92	-17.99	19.93	40.00	-20.07	peak	100	65
5	116.1321	33.19	-15.34	17.85	43.50	-25.65	peak	127	14
6	158.1123	33.31	-12.87	20.44	43.50	-23.06	peak	150	228

1GHz - 18GHz

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

EUT Information

EUT Name:	Foldable Bluetooth Stereo Noise Reduction Headphone
Model:	BN982
Test Mode:	BR_DH5_Low channel
Test Voltage:	DC 3.7V From battery
Remark:	Temp 24 Humi: 37%
Test Standard:	FCC 15.247
Tested By:	Hua
Reviewed By:	Scott He

Horizontal

Critical_Freqs(Fundamental frequency)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	2402.144	103.71	-0.39	103.32			peak	235	193
2	2402.144	70.56	-0.39	70.17			AVG	235	193

Critical_Freqs(Suprious Emission out of band)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	4804.000	45.62	5.30	50.92	74.00	-23.08	peak	100	103
2	4804.000	34.80	5.30	40.10	54.00	-13.90	AVG	100	103
3	7206.000	39.98	12.40	52.38	74.00	-21.62	peak	102	22
4	7206.000	28.38	12.40	40.78	54.00	-13.22	AVG	102	22

Vertical

Critical_Freqs(Fundamental frequency)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	2401.954	98.84	-0.39	98.45			peak	323	277
2	2401.954	67.88	-0.39	67.49			AVG	323	277

Critical_Freqs(Suprious Emission out of band)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	4804.000	45.11	5.30	50.41	74.00	-23.59	peak	111	160
2	4804.000	34.00	5.30	39.30	54.00	-14.70	AVG	111	160
3	7206.000	41.27	12.40	53.67	74.00	-20.33	peak	102	286
4	7206.000	28.44	12.40	40.84	54.00	-13.16	AVG	102	286

EUT Information

EUT Name:	Foldable Bluetooth Stereo Noise Reduction Headphone
Model:	BN982
Test Mode:	BR_DH5_Middle channel
Test Voltage:	DC 3.7V From battery
Remark:	Temp 24 Humi: 37%
Test Standard:	FCC 15.247
Tested By:	Jim Xu
Reviewed By:	Scott He

Horizontal

Critical_Freqs(Fundamental frequency)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	2441.000	105.79	-0.30	105.49			peak	400	200
2	2441.000	73.56	-0.30	73.26			AVG	400	200

Critical_Freqs(Suprious Emission out of band)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	4882.000	45.17	6.27	51.44	74.00	-22.56	peak	100	141
2	4882.000	34.11	6.27	40.38	54.00	-13.62	AVG	100	141
3	7323.000	40.22	12.65	52.87	74.00	-21.13	peak	175	24
4	7323.000	28.01	12.65	40.66	54.00	-13.34	AVG	175	24

Vertical

Critical_Freqs(Fundamental frequency)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	2441.000	98.04	-0.30	97.74			peak	100	315
2	2441.000	68.84	-0.30	68.54			AVG	100	315

Critical_Freqs(Suprious Emission out of band)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	4882.000	44.29	6.27	50.56	74.00	-23.44	peak	265	346
2	4882.000	33.24	6.27	39.51	54.00	-14.49	AVG	265	346
3	7323.000	40.30	12.65	52.95	74.00	-21.05	peak	135	207
4	7323.000	28.07	12.65	40.72	54.00	-13.28	AVG	135	207

EUT Information

EUT Name:	Foldable Bluetooth Stereo Noise Reduction Headphone
Model:	BN982
Test Mode:	BR_DH5_High channel
Test Voltage:	DC 3.7V From battery
Remark:	Temp 24 Humi: 37%
Test Standard:	FCC 15.247
Tested By:	Hua
Reviewed By:	Scott He

Horizontal

Critical_Freqs(Fundamental frequency)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	2479.982	105.99	-0.21	105.78			peak	380	197
2	2479.982	70.98	-0.21	70.77			AVG	380	197

Critical_Freqs(Suprious Emission out of band)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	4960.000	43.36	6.16	49.52	74.00	-24.48	peak	100	151
2	4960.000	32.56	6.16	38.72	54.00	-15.28	AVG	100	151
3	7440.000	35.14	12.91	48.05	74.00	-25.95	peak	120	224
4	7440.000	22.08	12.91	34.99	54.00	-19.01	AVG	120	224

Vertical

Critical_Freqs(Fundamental frequency)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	2479.982	98.44	-0.21	98.23			peak	155	314
2	2479.982	69.00	-0.21	68.79			AVG	155	314

Critical_Freqs(Suprious Emission out of band)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	4960.000	43.21	6.16	49.37	74.00	-24.63	peak	234	351
2	4960.000	32.83	6.16	38.99	54.00	-15.01	AVG	234	351
3	7440.000	34.75	12.91	47.66	74.00	-26.34	peak	134	296
4	7440.000	22.06	12.91	34.97	54.00	-19.03	AVG	134	296

EUT Information

EUT Name:	Foldable Bluetooth Stereo Noise Reduction Headphone
Model:	BN982
Test Mode:	EDR_3DH5_Low channel
Test Voltage:	DC 3.7V From battery
Remark:	Temp 24 Humi: 37%
Test Standard:	FCC 15.247
Tested By:	Hua
Reviewed By:	Scott He

Horizontal

Critical_Freqs(Fundamental frequency)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	2402.144	103.85	-0.39	103.46			peak	359	206
2	2402.144	70.51	-0.39	70.12			AVG	359	206

Critical_Freqs(Suprious Emission out of band)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	4804.000	42.56	5.30	47.86	74.00	-26.14	peak	110	147
2	4804.000	29.94	5.30	35.24	54.00	-18.76	AVG	110	147
3	7206.000	39.82	12.40	52.22	74.00	-21.78	peak	196	326
4	7206.000	27.86	12.40	40.26	54.00	-13.74	AVG	196	326

Vertical

Critical_Freqs(Fundamental frequency)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	2402.144	101.12	-0.39	100.73			peak	283	117
2	2402.144	68.85	-0.39	68.46			AVG	283	117

Critical_Freqs(Suprious Emission out of band)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	4804.000	42.93	5.30	48.23	74.00	-25.77	peak	102	153
2	4804.000	29.82	5.30	35.12	54.00	-18.88	AVG	102	153
3	7206.000	40.82	12.40	53.22	74.00	-20.78	peak	130	215
4	7206.000	27.96	12.40	40.36	54.00	-13.64	AVG	130	215

EUT Information

EUT Name:	Foldable Bluetooth Stereo Noise Reduction Headphone
Model:	BN982
Test Mode:	EDR_3DH5_Middle channel
Test Voltage:	DC 3.7V From battery
Remark:	Temp 24 Humi: 37%
Test Standard:	FCC 15.247
Tested By:	Hua
Reviewed By:	Scott He

Horizontal

Critical_Freqs(Fundamental frequency)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	2441.000	104.14	-0.30	103.84			peak	102	116
2	2441.000	68.43	-0.30	68.13			AVG	102	116

Critical_Freqs(Suprious Emission out of band)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	4882.000	42.83	6.27	49.10	74.00	-24.90	peak	100	138
2	4882.000	31.06	6.27	37.33	54.00	-16.67	AVG	100	138
3	7323.000	40.03	12.65	52.68	74.00	-21.32	peak	115	231
4	7323.000	28.08	12.65	40.73	54.00	-13.27	AVG	115	231

Vertical

Critical_Freqs(Fundamental frequency)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	2441.000	98.99	-0.30	98.69			peak	126	316
2	2441.000	66.32	-0.30	66.02			AVG	126	316

Critical_Freqs(Suprious Emission out of band)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	4882.000	42.22	6.27	48.49	74.00	-25.51	peak	271	340
2	4882.000	30.19	6.27	36.46	54.00	-17.54	AVG	271	340
3	7323.000	38.85	12.65	51.50	74.00	-22.50	peak	107	286
4	7323.000	28.14	12.65	40.79	54.00	-13.21	AVG	107	286

EUT Information

EUT Name:	Foldable Bluetooth Stereo Noise Reduction Headphone
Model:	BN982
Test Mode:	EDR_3DH5_High channel
Test Voltage:	DC 3.7V From battery
Remark:	Temp 24 Humi: 37%
Test Standard:	FCC 15.247
Tested By:	Jim Xu
Reviewed By:	Scott He

Horizontal

Critical_Freqs(Fundamental frequency)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	2479.796	106.04	-0.21	105.83			peak	379	197
2	2479.796	70.90	-0.21	70.69			AVG	379	197

Critical_Freqs(Suprious Emission out of band)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	4960.000	43.17	6.16	49.33	74.00	-24.67	peak	100	141
2	4960.000	30.20	6.16	36.36	54.00	-17.64	AVG	100	141
3	7440.000	40.46	12.91	53.37	74.00	-20.63	peak	185	326
4	7440.000	27.93	12.91	40.84	54.00	-13.16	AVG	185	326

Vertical

Critical_Freqs(Fundamental frequency)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	2479.982	97.12	-0.21	96.91			peak	100	179
2	2479.982	65.37	-0.21	65.16			AVG	100	179

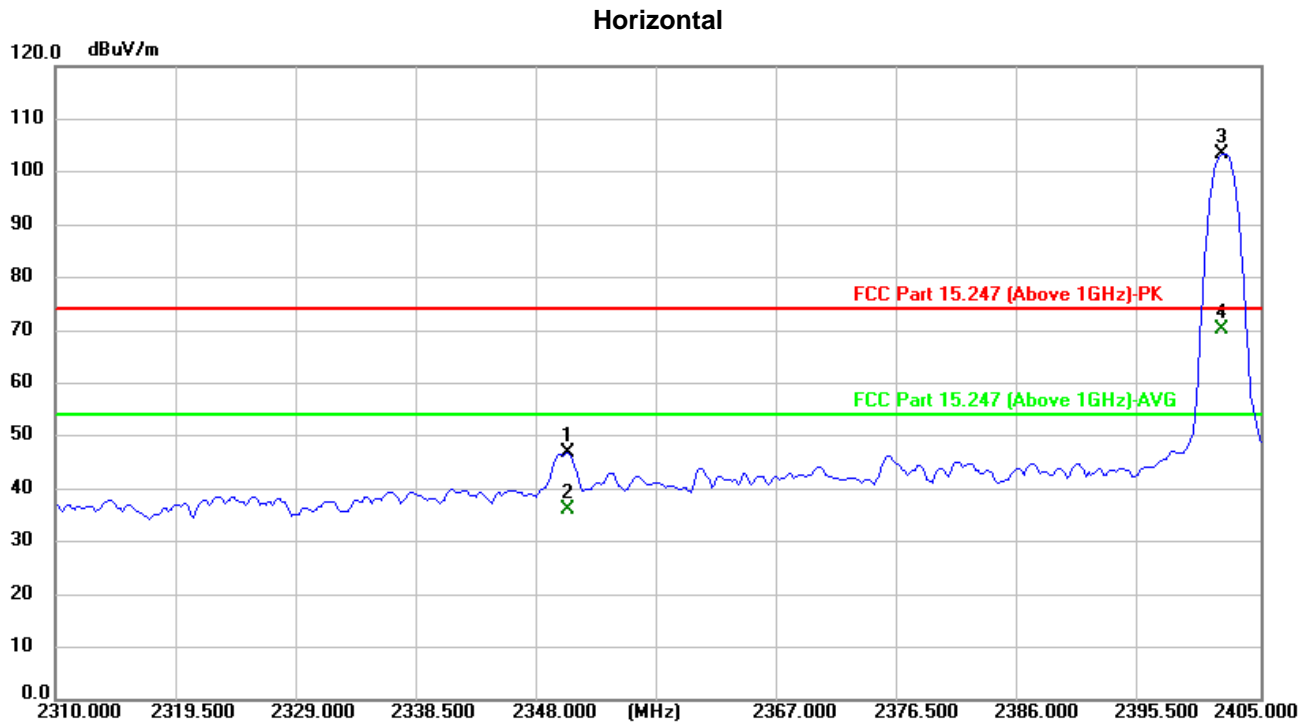
Critical_Freqs(Suprious Emission out of band)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	4960.000	42.37	6.16	48.53	74.00	-25.47	peak	227	347
2	4960.000	29.76	6.16	35.92	54.00	-18.08	AVG	227	347
3	7440.000	40.44	12.91	53.35	74.00	-20.65	peak	122	48
4	7440.000	27.92	12.91	40.83	54.00	-13.17	AVG	122	48

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

EUT Information

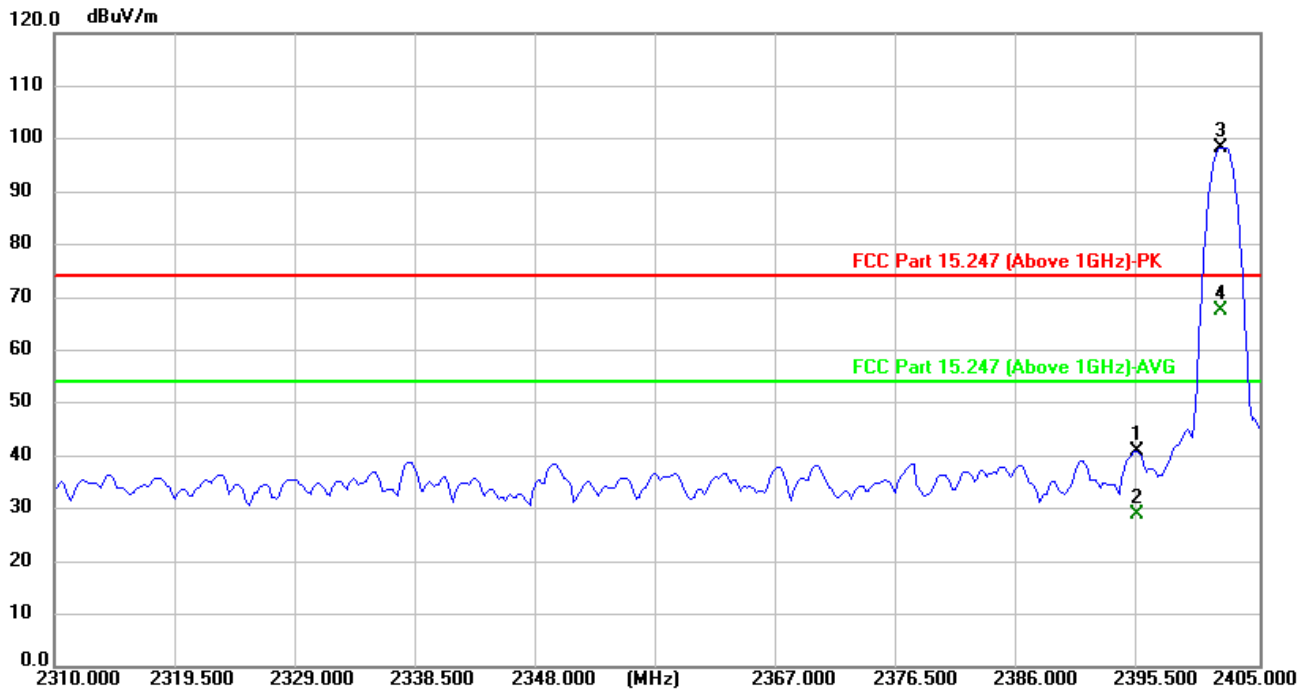
EUT Name: Foldable Bluetooth Stereo Noise Reduction Headphone
 Model: BN982
 Test Mode: BR_DH5_Low channel
 Test Voltage: DC 3.7V From battery
 Remark: Temp 24 Humi: 37%
 Test Standard: FCC 15.247
 Tested By: Hua
 Reviewed By: Scott He



Critical_Freqs(Fundamental frequency & Bandedge)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	2350.361	47.22	-0.50	46.72	74.00	-27.28	peak	235	193
2	2350.361	36.42	-0.50	35.92	54.00	-18.08	AVG	235	193

Vertical

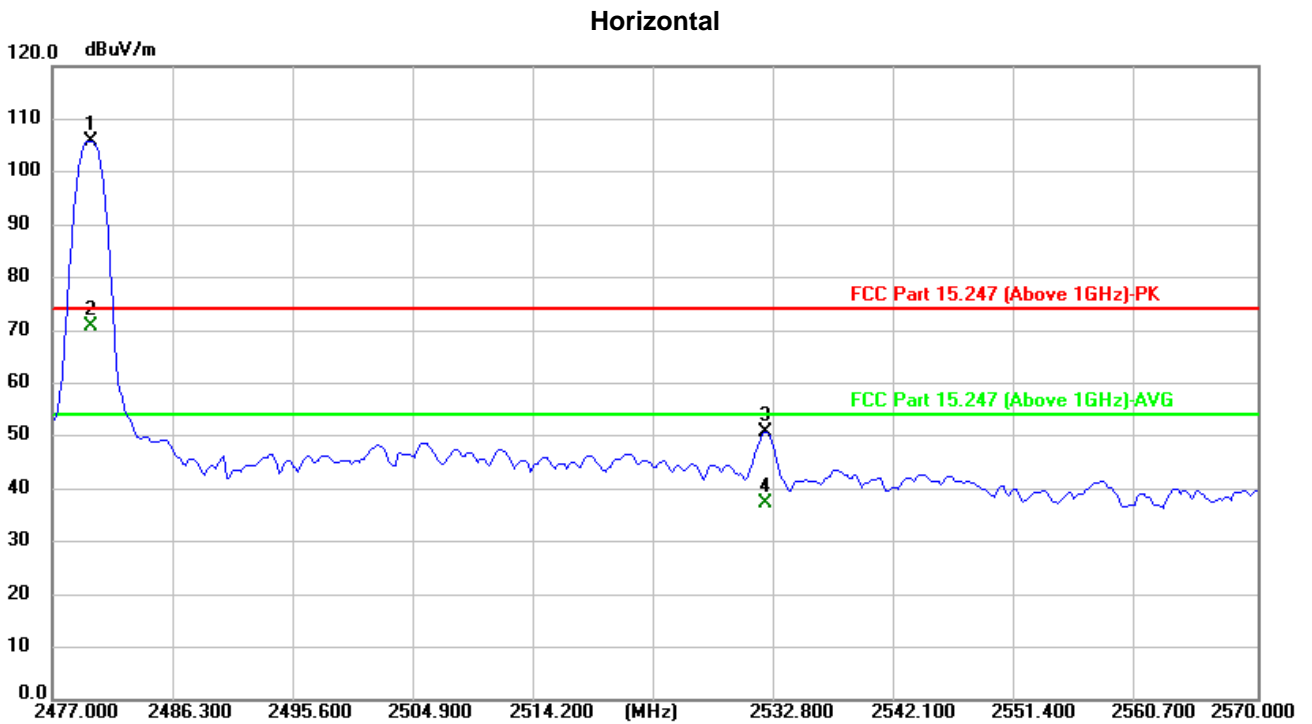


Critical_Freqs(Fundamental frequency & Bandedge)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	2395.291	41.25	-0.40	40.85	74.00	-33.15	peak	323	277
2	2395.291	29.31	-0.40	28.91	54.00	-25.09	AVG	323	277

EUT Information

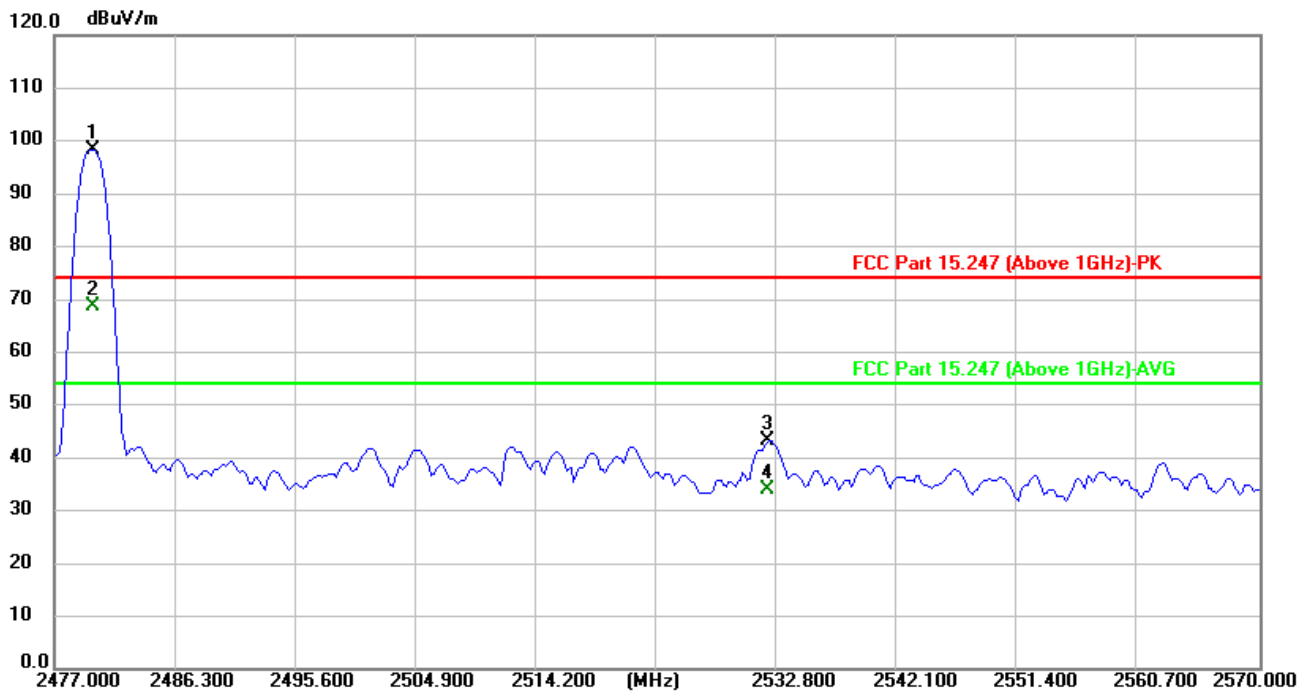
EUT Name:	Foldable Bluetooth Stereo Noise Reduction Headphone
Model:	BN982
Test Mode:	BR_DH5_High channel
Test Voltage:	DC 3.7V From battery
Remark:	Temp 24 Humi: 37%
Test Standard:	FCC 15.247
Tested By:	Hua
Reviewed By:	Scott He



Critical Freqs(Fundamental frequency & Bandedge)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	2531.980	50.83	-0.10	50.73	74.00	-23.27	peak	380	197
2	2531.980	37.25	-0.10	37.15	54.00	-16.85	AVG	380	197

Vertical

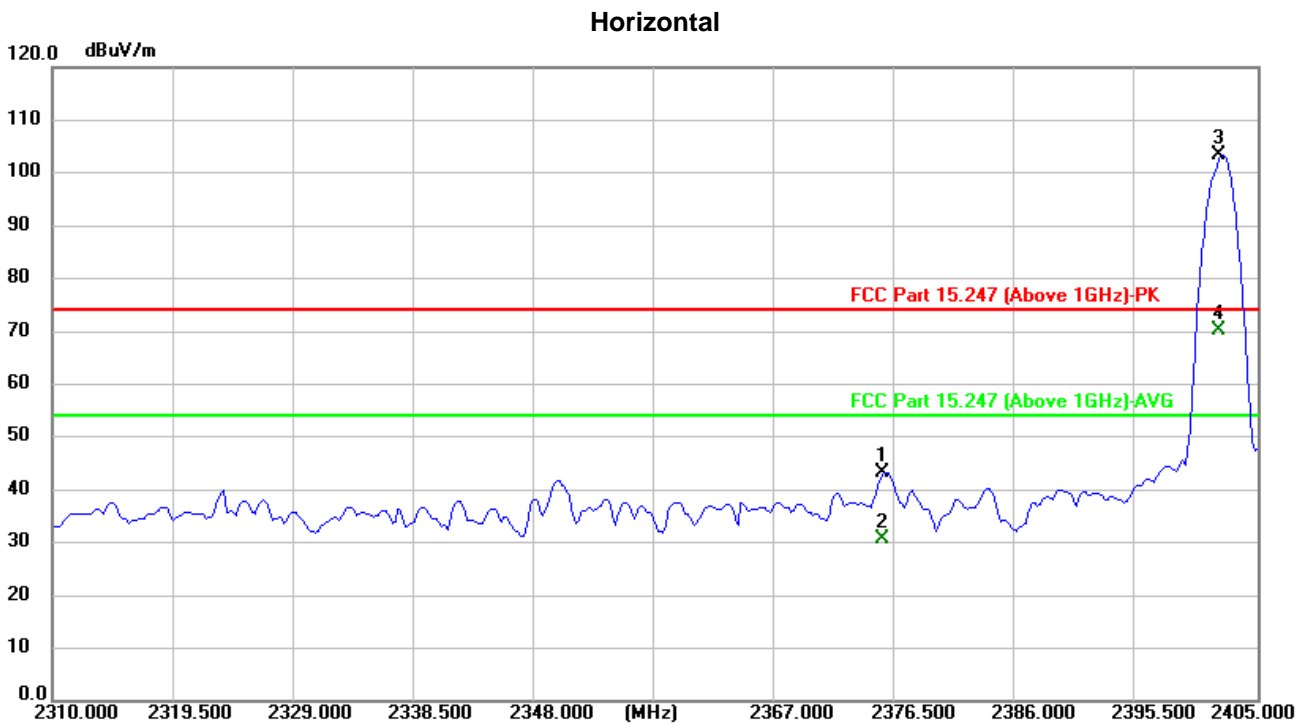


Critical_Freqs(Fundamental frequency & Bandedge)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	2532.166	43.28	-0.10	43.18	74.00	-30.82	peak	155	314
2	2532.166	33.95	-0.10	33.85	54.00	-20.15	AVG	155	314

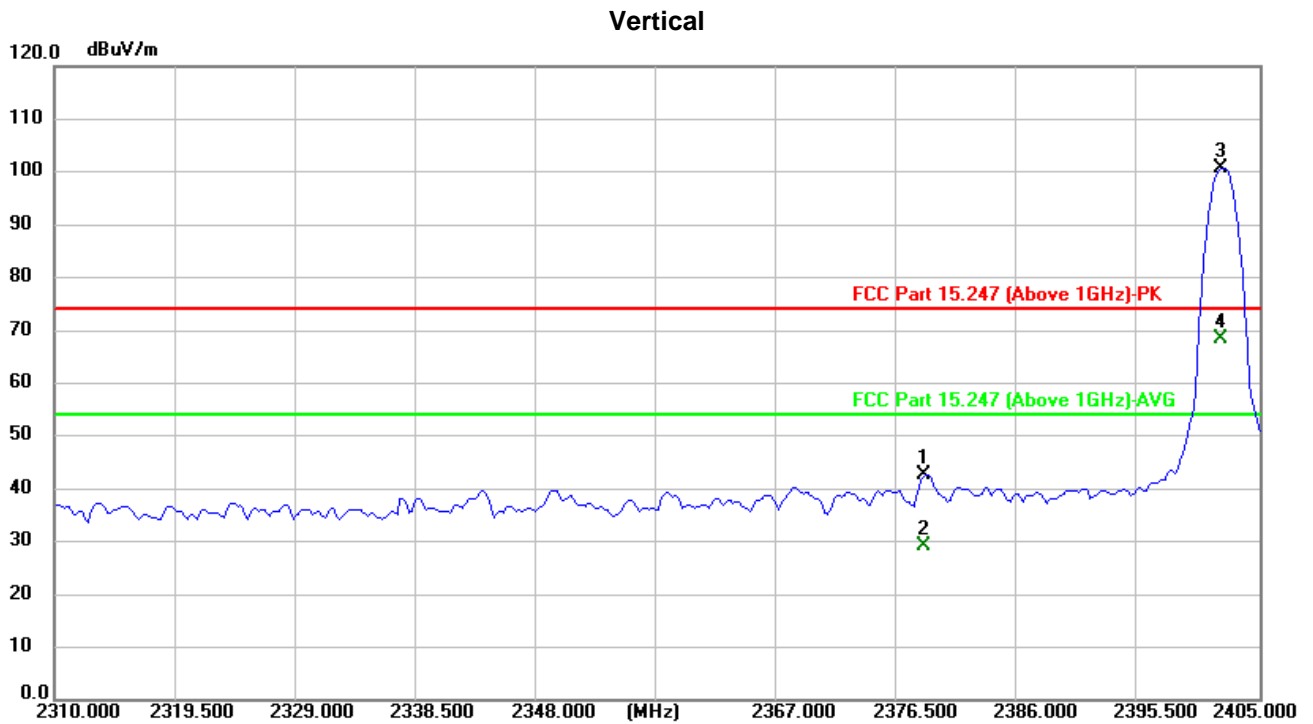
EUT Information

EUT Name:	Foldable Bluetooth Stereo Noise Reduction Headphone
Model:	BN982
Test Mode:	EDR_3DH5_Low channel
Test Voltage:	DC 3.7V From battery
Remark:	Temp 24 Humi: 37%
Test Standard:	FCC 15.247
Tested By:	Hua
Reviewed By:	Scott He



Critical Freqs(Fundamental frequency & Bandedge)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	2375.681	43.64	-0.44	43.20	74.00	-30.80	peak	359	206
2	2375.681	31.01	-0.44	30.57	54.00	-23.43	AVG	359	206



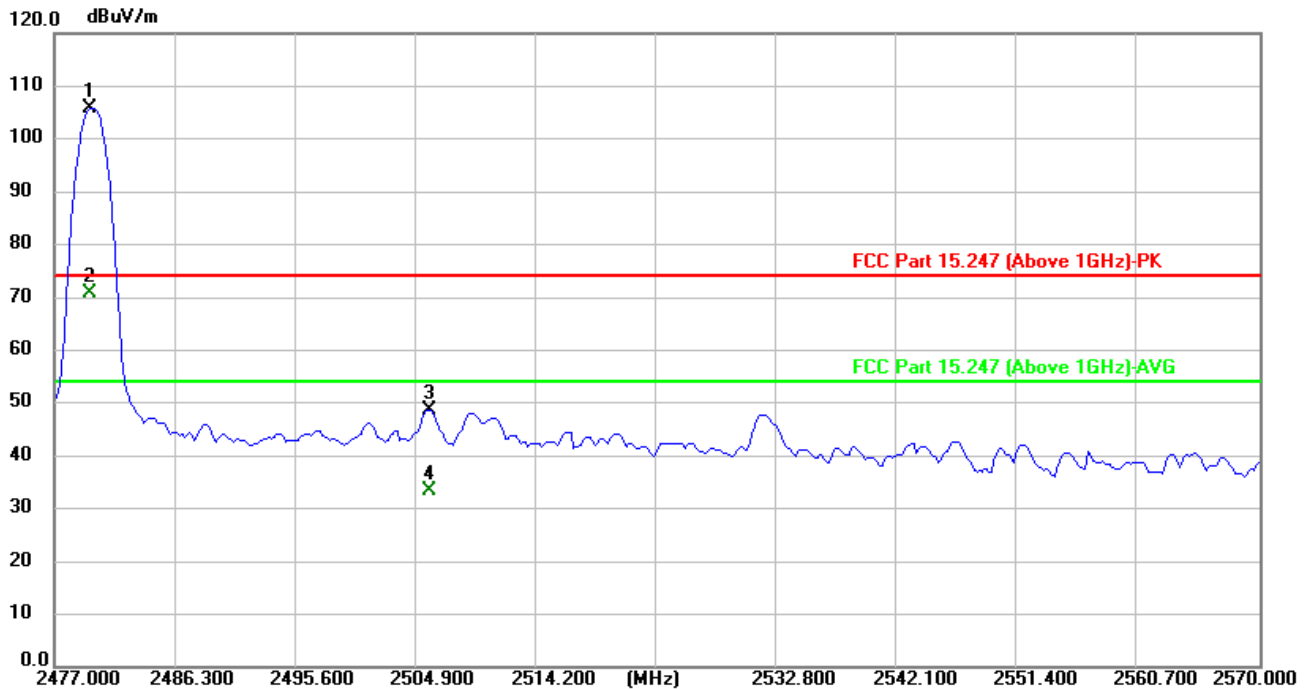
Critical_Freqs(Fundamental frequency & Bandedge)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	2378.727	43.06	-0.43	42.63	74.00	-31.37	peak	283	117
2	2378.727	29.70	-0.43	29.27	54.00	-24.73	AVG	283	117

EUT Information

EUT Name:	Foldable Bluetooth Stereo Noise Reduction Headphone
Model:	BN982
Test Mode:	EDR_3DH5_High channel
Test Voltage:	DC 3.7V From battery
Remark:	Temp 24 Humi: 37%
Test Standard:	FCC 15.247
Tested By:	Hua
Reviewed By:	Scott He

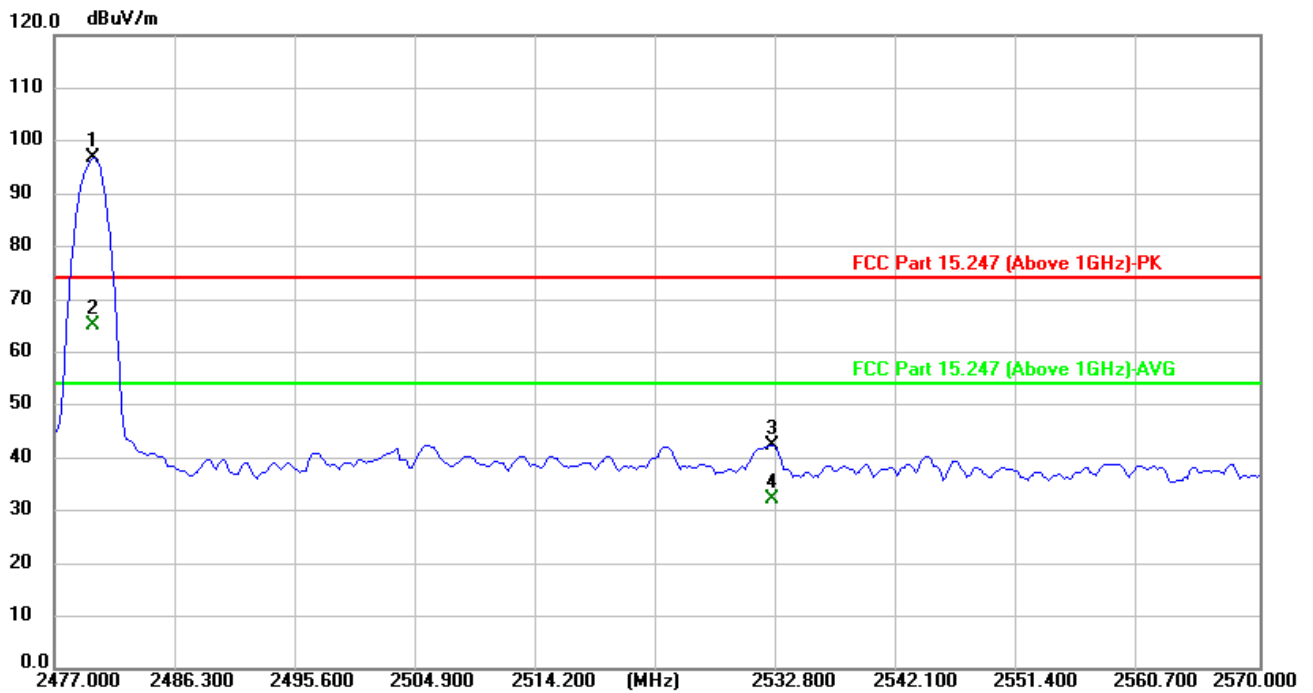
Horizontal



Critical_Freqs(Fundamental frequency & Bandedge)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	2505.888	48.82	-0.15	48.67	74.00	-25.33	peak	379	197
2	2505.888	33.58	-0.15	33.43	54.00	-20.57	AVG	379	197

Vertical



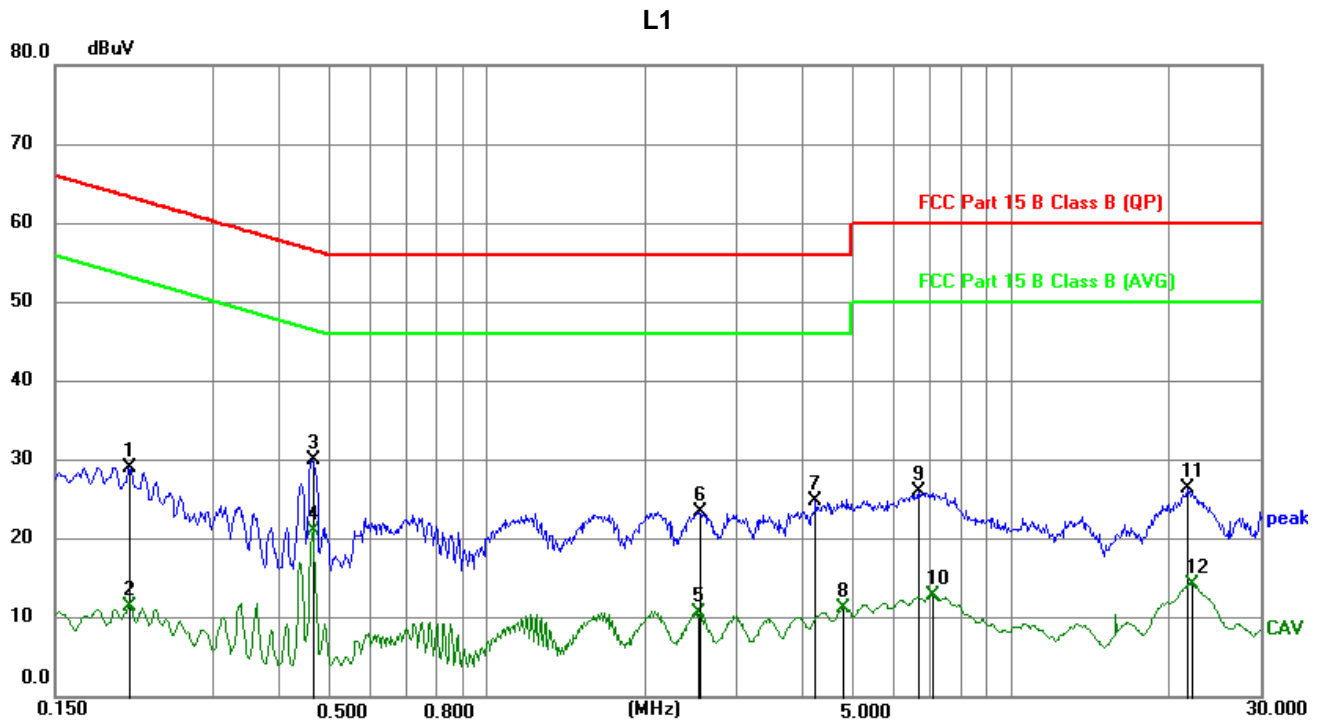
Critical_Freqs(Fundamental frequency & Bandedge)

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	2532.353	42.50	-0.10	42.40	74.00	-31.60	peak	100	179
2	2532.353	32.22	-0.10	32.12	54.00	-21.88	AVG	100	179

Appendix B.9: Test Results of Conducted Emission

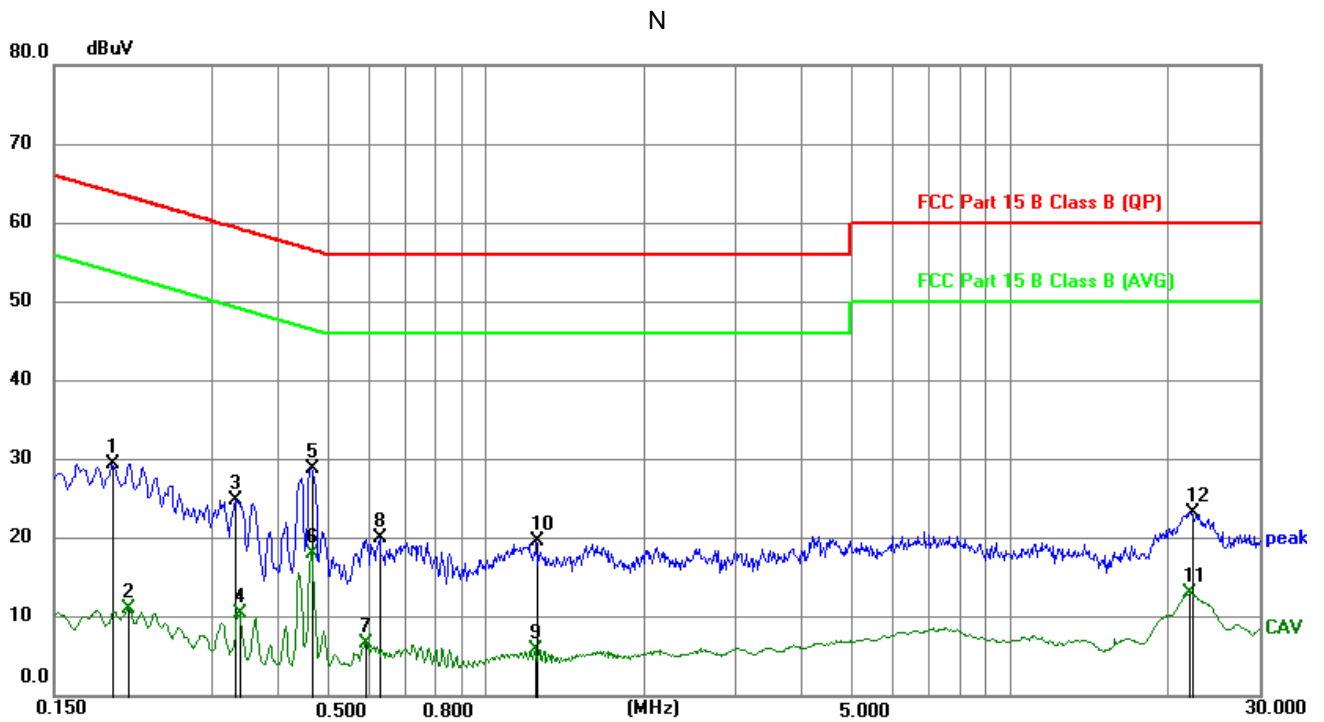
EUT Information

EUT Name:	Foldable Bluetooth Stereo Noise Reduction Headphone
Model:	BN982
Test mode:	Charging
Test Voltage:	DC 5V From UBS port
Test By:	Jim Xu
Review By:	Scott He



Critical Freqs

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.2063	18.81	10.14	28.95	63.35	-34.40	peak
2	0.2063	1.42	10.14	11.56	53.35	-41.79	AVG
3	0.4650	19.87	10.11	29.98	56.60	-26.62	peak
4	0.4672	10.86	10.11	20.97	46.56	-25.59	AVG
5	2.5373	0.50	10.09	10.59	46.00	-35.41	AVG
6	2.5418	13.38	10.09	23.47	56.00	-32.53	peak
7	4.2675	14.75	10.08	24.83	56.00	-31.17	peak
8	4.8120	1.22	10.06	11.28	46.00	-34.72	AVG
9	6.6795	15.93	10.03	25.96	60.00	-34.04	peak
10	7.0913	2.84	10.04	12.88	50.00	-37.12	AVG
11	21.7724	15.96	10.40	26.36	60.00	-33.64	peak
12	22.1438	3.94	10.40	14.34	50.00	-35.66	AVG



Critical Freqs

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1928	19.34	10.15	29.49	63.92	-34.43	peak
2	0.2063	0.98	10.14	11.12	53.35	-42.23	AVG
3	0.3322	14.73	10.15	24.88	59.40	-34.52	peak
4	0.3390	0.38	10.14	10.52	49.23	-38.71	AVG
5	0.4650	18.70	10.11	28.81	56.60	-27.79	peak
6	0.4672	8.03	10.11	18.14	46.56	-28.42	AVG
7	0.5932	-3.48	10.10	6.62	46.00	-39.38	AVG
8	0.6292	10.00	10.10	20.10	56.00	-35.90	peak
9	1.2458	-4.17	10.06	5.89	46.00	-40.11	AVG
10	1.2503	9.54	10.06	19.60	56.00	-36.40	peak
11	22.1145	2.62	10.40	13.02	50.00	-36.98	AVG
12	22.2113	12.85	10.40	23.25	60.00	-36.75	peak