Appendix A: Test Results of Bluetooth BR & EDR mode

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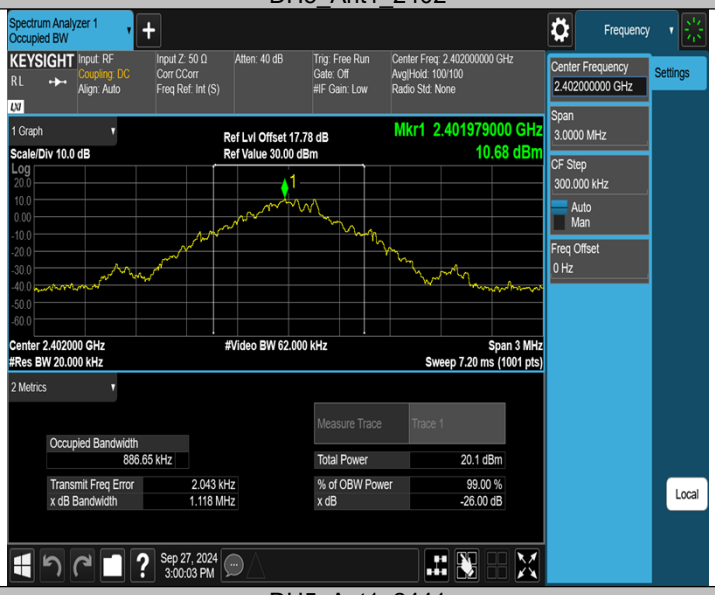
Appendix A.1: Test Results of 99% Bandwidth

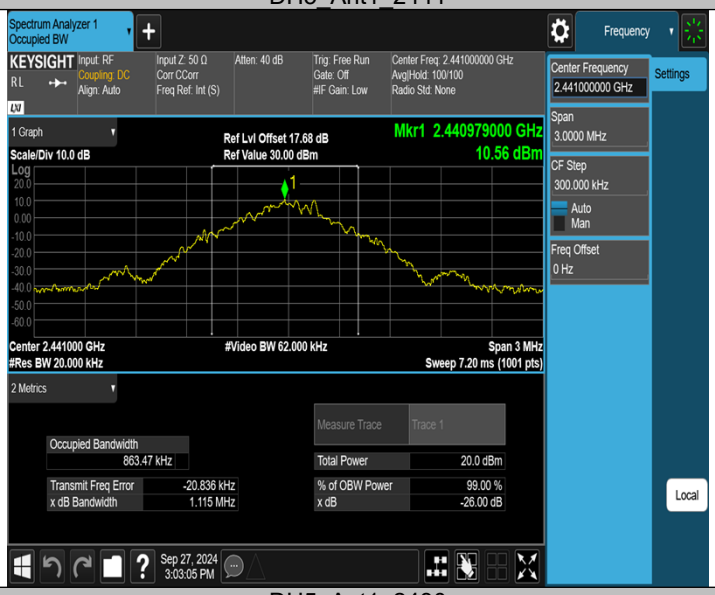
Both Left and right earbuds tested, only the worst-case reported.

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.88665	2401.5587	2402.4454	---	---
		2441	0.86347	2440.5474	2441.4109	---	---
		2480	0.90041	2479.5390	2480.4394	---	---
3DH5	Ant1	2402	1.1497	2401.4169	2402.5666	---	---
		2441	1.1814	2440.3926	2441.5740	---	---
		2480	1.1856	2479.3893	2480.5749	---	---

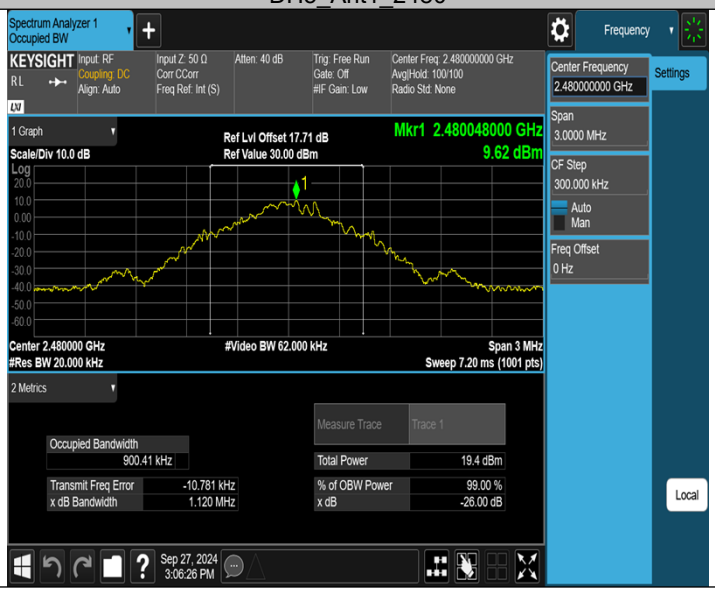
DH5_Ant1_2402



DH5_Ant1_2441



DH5_Ant1_2480



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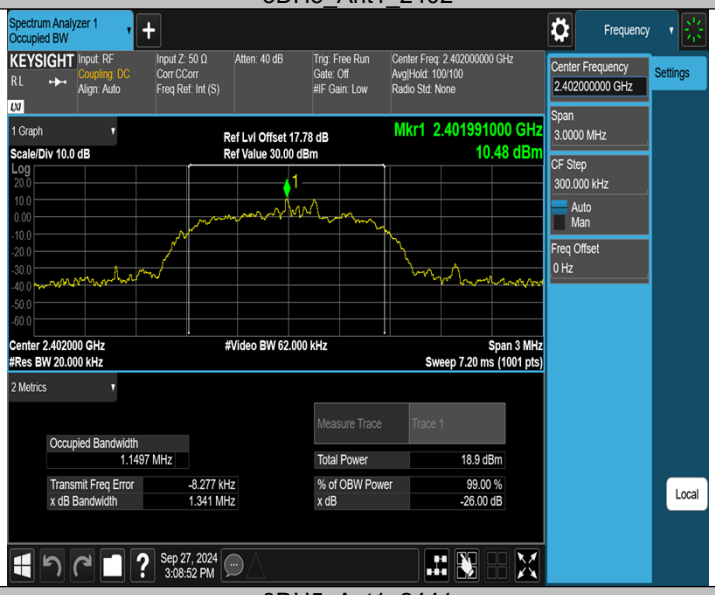

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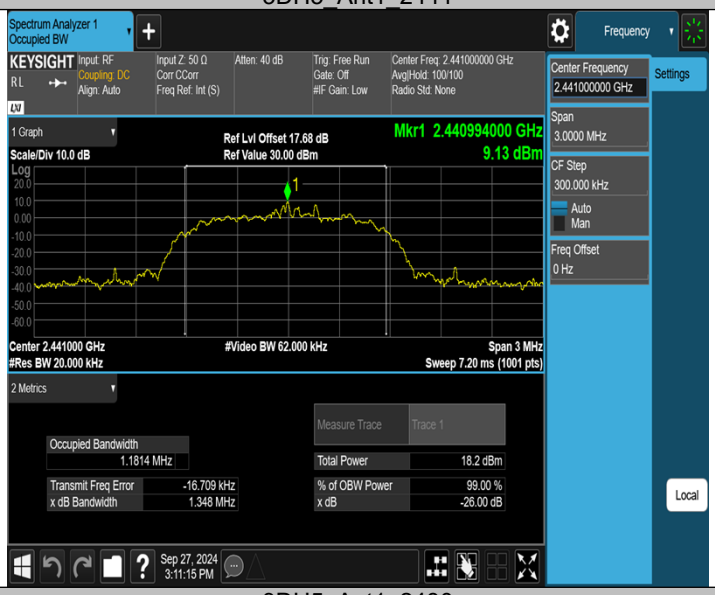
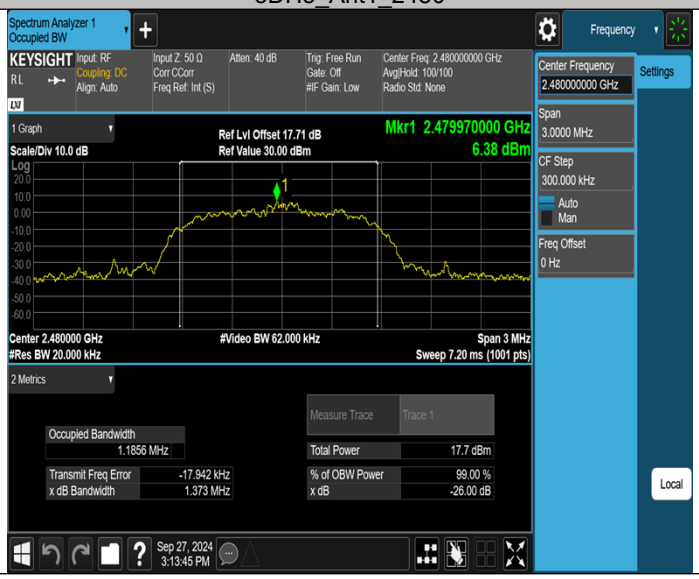


3DH5_Ant1_2480



Appendix A.2: Test Results of 20dB Bandwidth

Both Left and right earbuds tested, only the worst-case reported.

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.020	2401.484	2402.504	---	---
		2441	1.020	2440.484	2441.504	---	---
		2480	1.017	2479.487	2480.504	---	---
3DH5	Ant1	2402	1.233	2401.358	2402.591	---	---
		2441	1.239	2440.355	2441.594	---	---
		2480	1.230	2479.358	2480.588	---	---

DH5_Ant1_2402

DH5_Ant1_2441

DH5_Ant1_2480

3DH5_Ant1_2402

3DH5_Ant1_2441

3DH5_Ant1_2480

Appendix A.3: Test Results of Carrier Frequency Separation

Both Left and right earbuds tested, only the worst-case reported.

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.896	≥0.680	PASS
3DH5	Ant1	Hop	1.032	≥0.826	PASS

DH5_Ant1_Hop

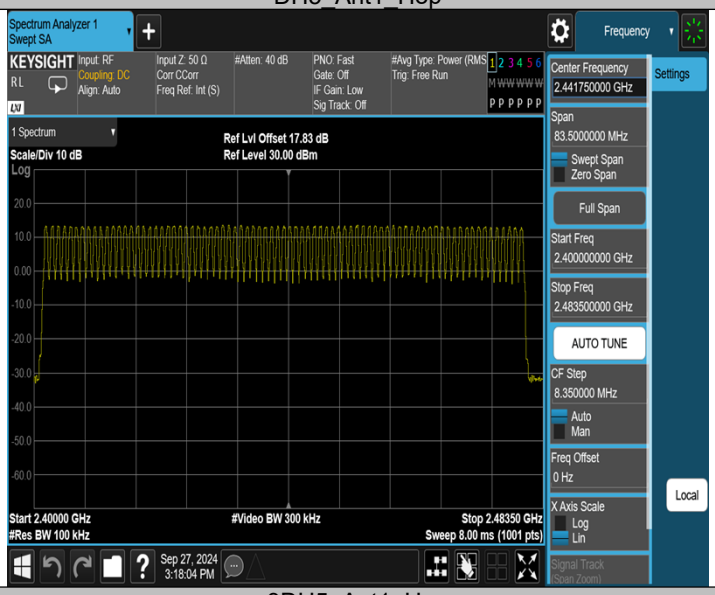
3DH5_Ant1_Hop

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

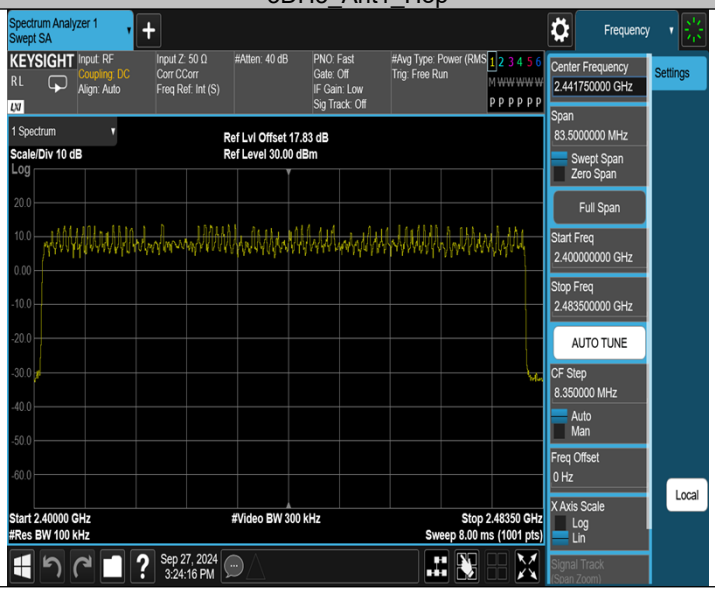
Both Left and right earbuds tested, only the worst-case reported.

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

DH5_Ant1_Hop



3DH5_Ant1_Hop

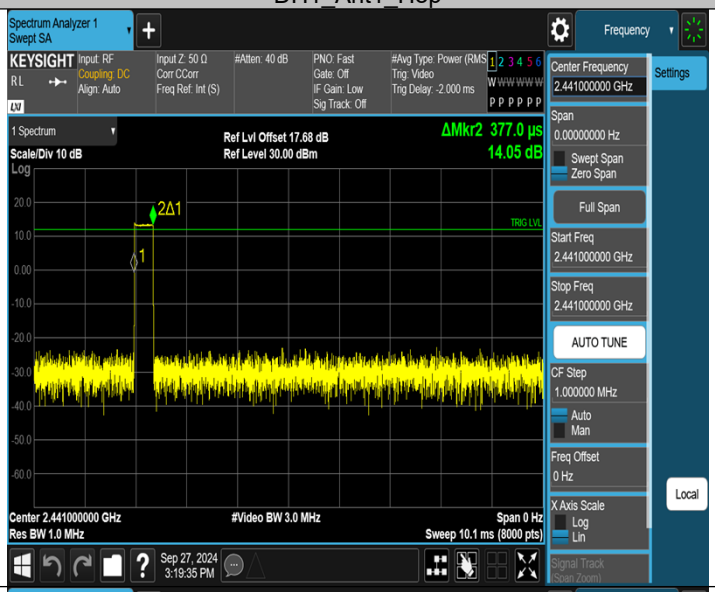


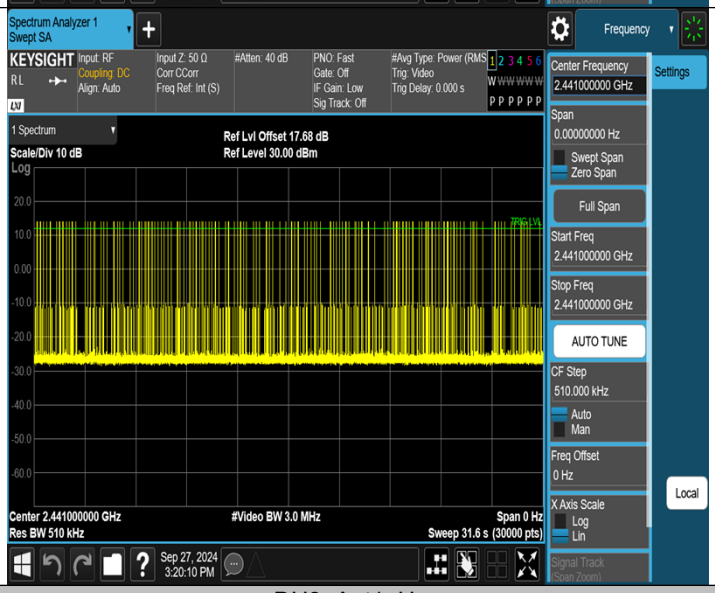
Appendix A.5: Test Results of Time of Occupancy

Both Left and right earbuds tested, only the worst-case reported.

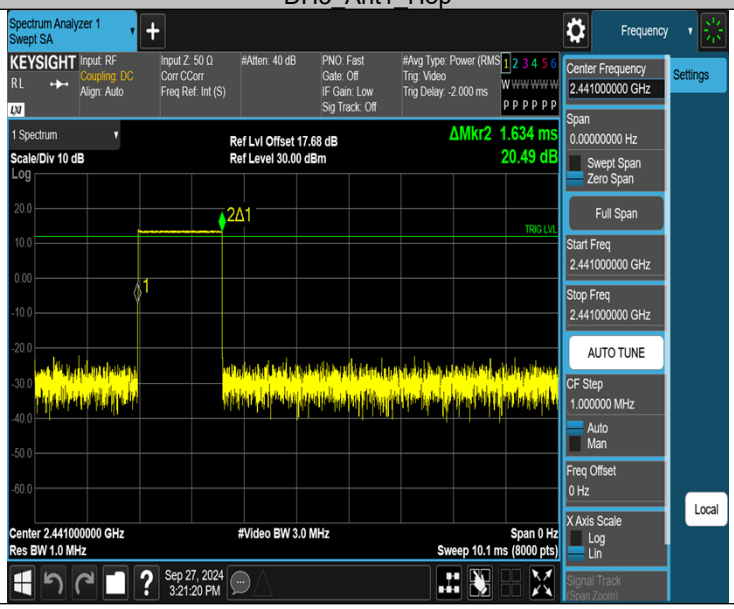
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.377	166	0.063	≤0.4	PASS
DH3	Ant1	Hop	1.634	106	0.173	≤0.4	PASS
DH5	Ant1	Hop	2.880	78	0.225	≤0.4	PASS
3DH1	Ant1	Hop	0.386	162	0.063	≤0.4	PASS
3DH3	Ant1	Hop	1.637	105	0.172	≤0.4	PASS
3DH5	Ant1	Hop	2.888	69	0.199	≤0.4	PASS

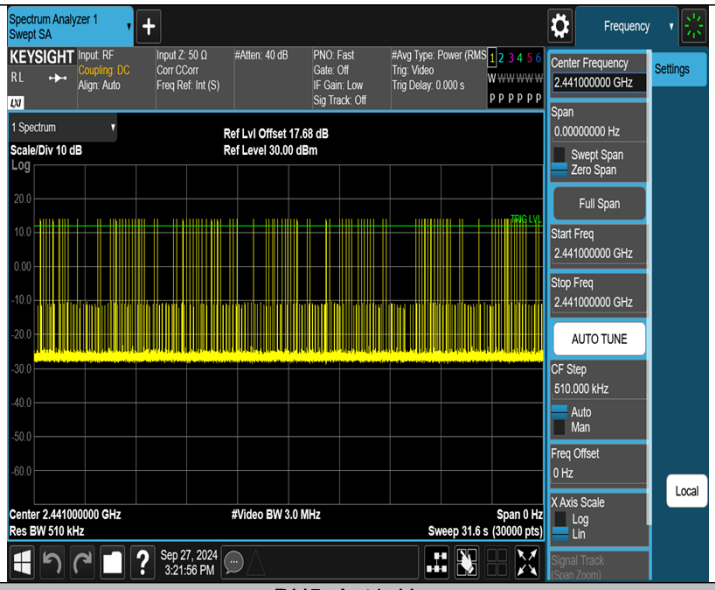
DH1_Ant1_Hop



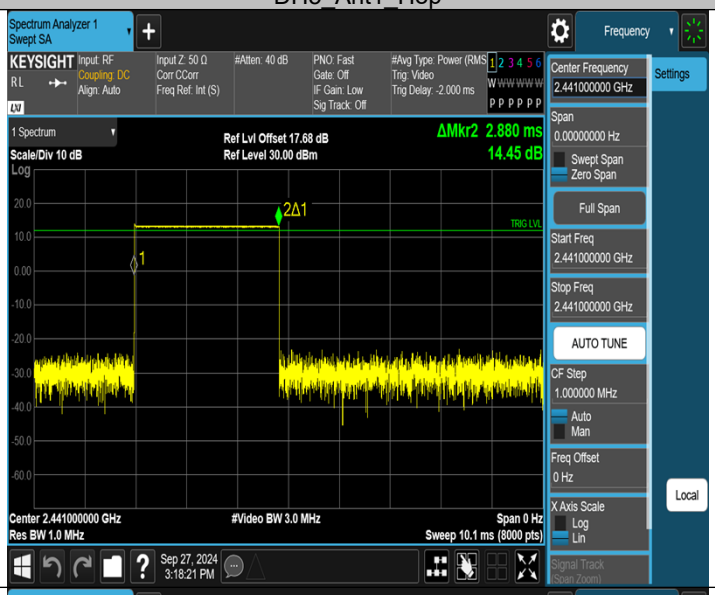


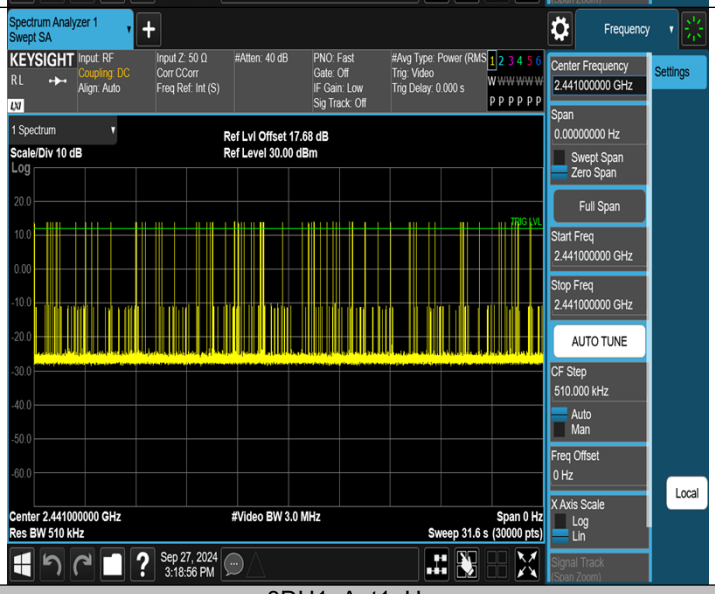
DH3_Ant1_Hop



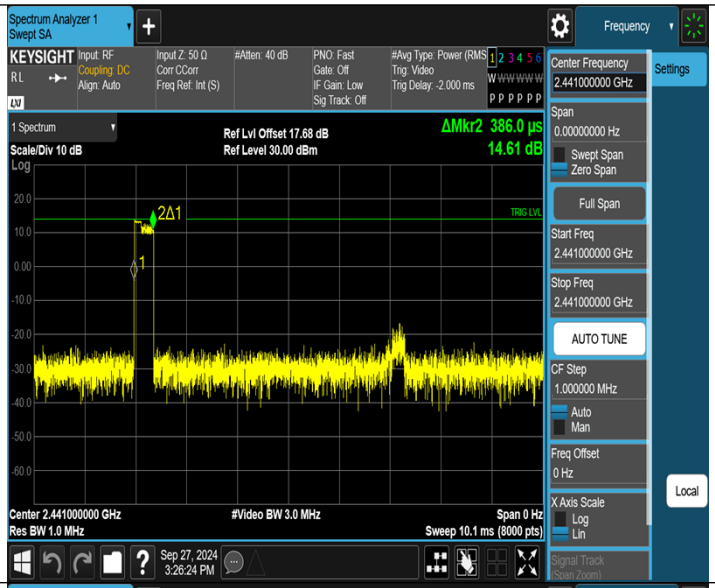


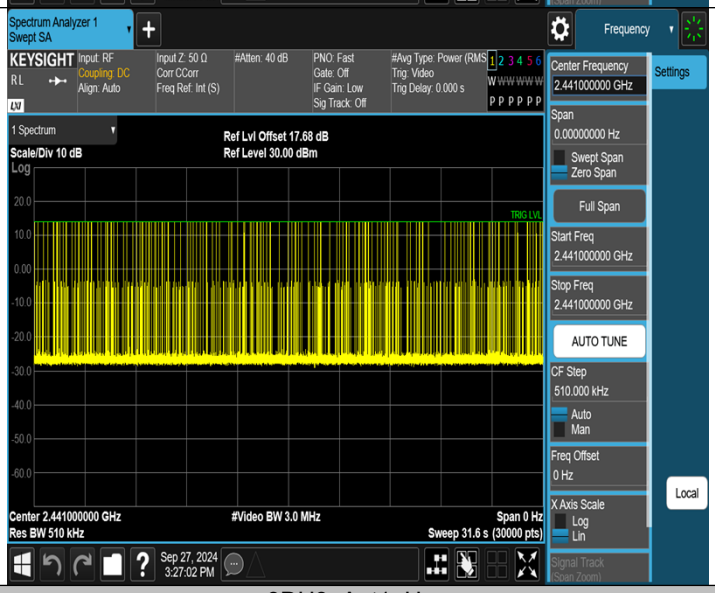
DH5_Ant1_Hop



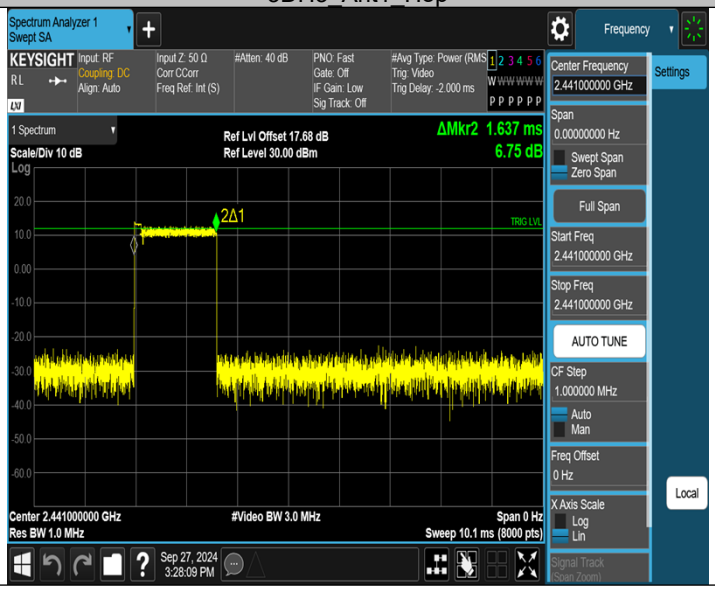


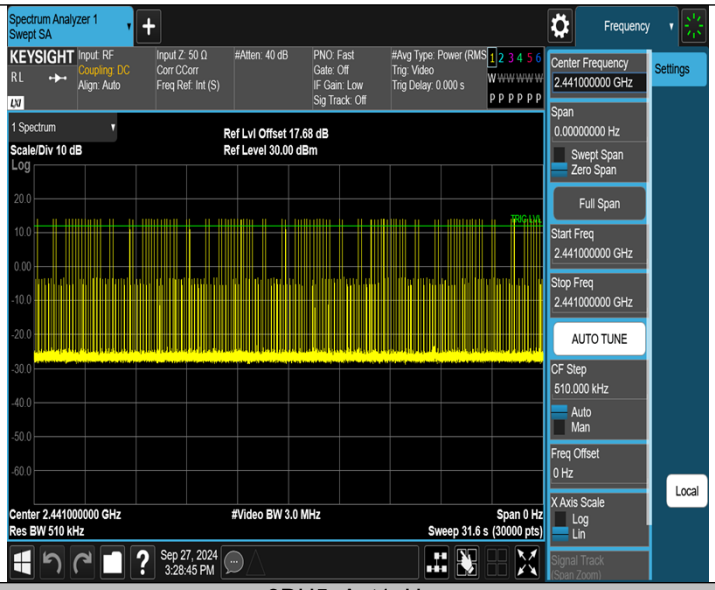
3DH1_Ant1_Hop



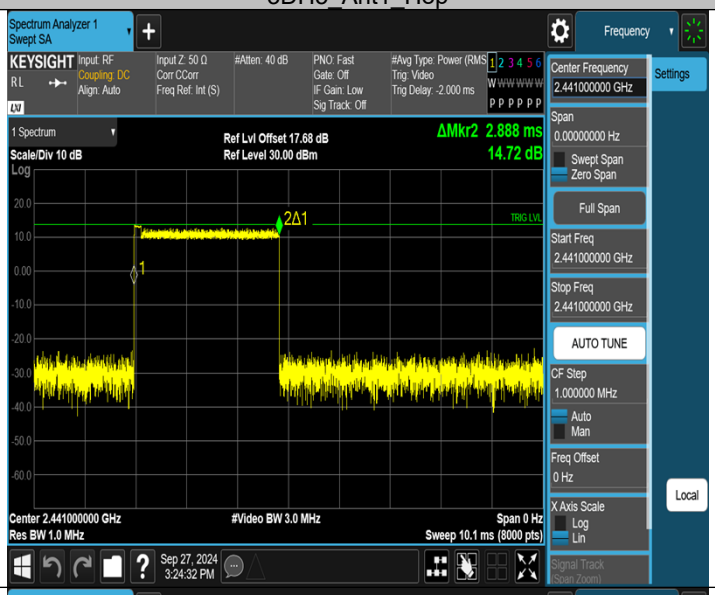


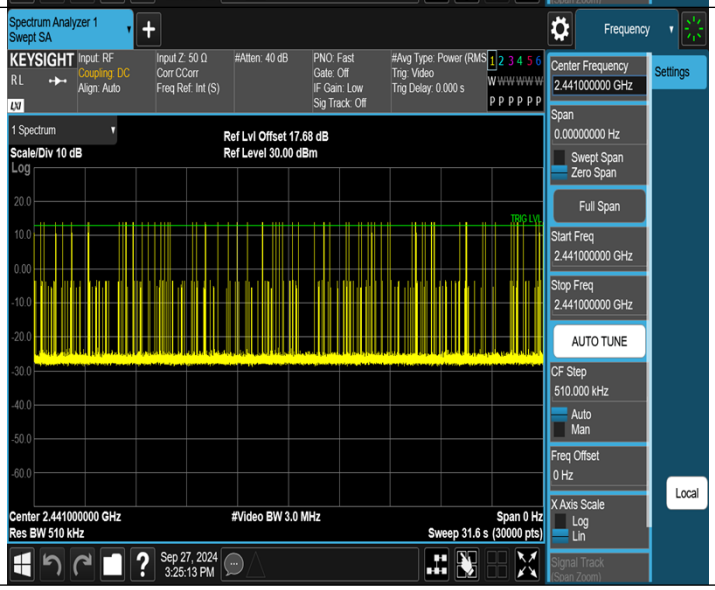
3DH3_Ant1_Hop





3DH5_Ant1_Hop





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

Both Left and right earbuds tested, only the worst-case reported.

Band Edge

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	13.18	-43.61	≤-6.82	PASS
		High	2480	13.01	-43.41	≤-7.00	PASS
3DH5	Ant1	Low	2402	13.36	-41.54	≤-6.64	PASS
		High	2480	12.97	-43.37	≤-7.03	PASS
DH5	Ant1	Hopping	2402	12.29	-43.50	≤-7.71	PASS
		Hopping	2480	11.94	-43.13	≤-8.06	PASS
3DH5	Ant1	Hopping	2402	8.01	-44.16	≤-11.99	PASS
		Hopping	2480	12.78	-43.11	≤-7.22	PASS

DH5_Ant1_Low_2402

DH5_Ant1_High_2480

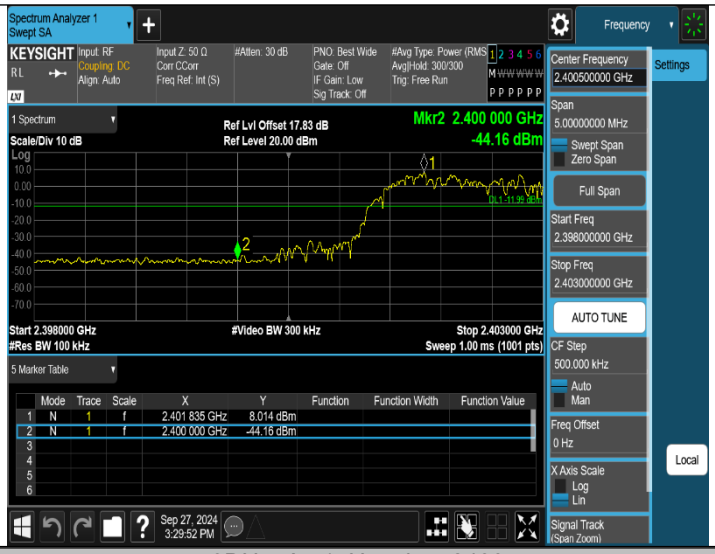
3DH5_Ant1_Low_2402

3DH5_Ant1_High_2480

DH5_Ant1_Hopping_2402

DH5_Ant1_Hopping_2480

3DH5_Ant1_Hopping_2402



3DH5_Ant1_Hopping_2480