

FCC Appendix RF Test Data for BT

FCC ID : 2BXXH-208UCOREMINI

Company : I&G DESIGNS AND LOGISTICS DBA FASHIONIT

EUT : MINI/NANO SPEAKERS

Model Number : 208-U-CORE-MINI

Report No. : CTA26072700101

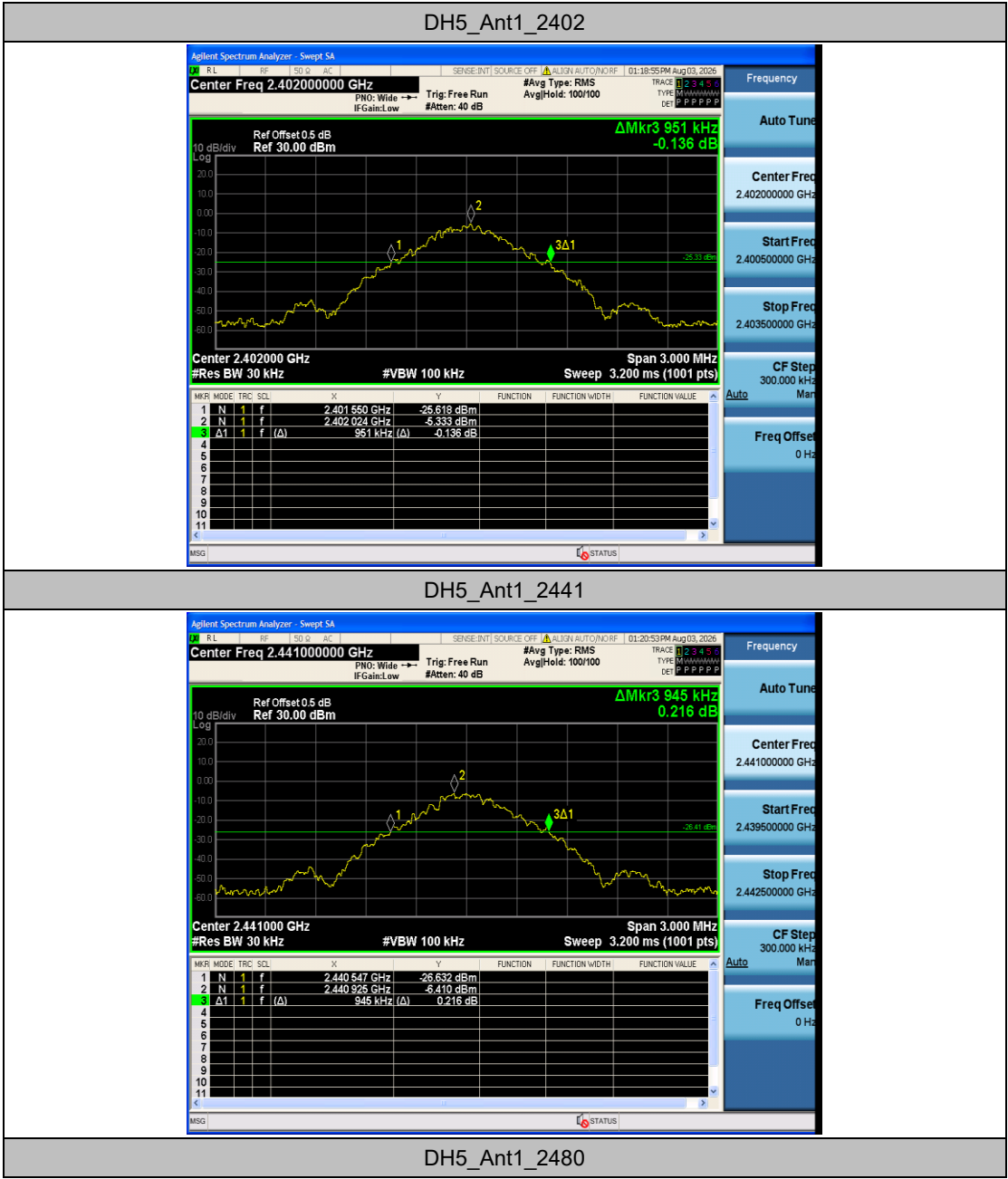
Reviewed By : Eric Wang

Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.951	2401.550	2402.501	---	---
		2441	0.945	2440.547	2441.492	---	---
		2480	0.948	2479.550	2480.498	---	---
2DH5	Ant1	2402	1.329	2401.346	2402.675	---	---
		2441	1.284	2440.379	2441.663	---	---
		2480	1.338	2479.340	2480.678	---	---
3DH5	Ant1	2402	1.290	2401.364	2402.654	---	---
		2441	1.296	2440.364	2441.660	---	---
		2480	1.299	2479.364	2480.663	---	---

Test Graphs





2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480

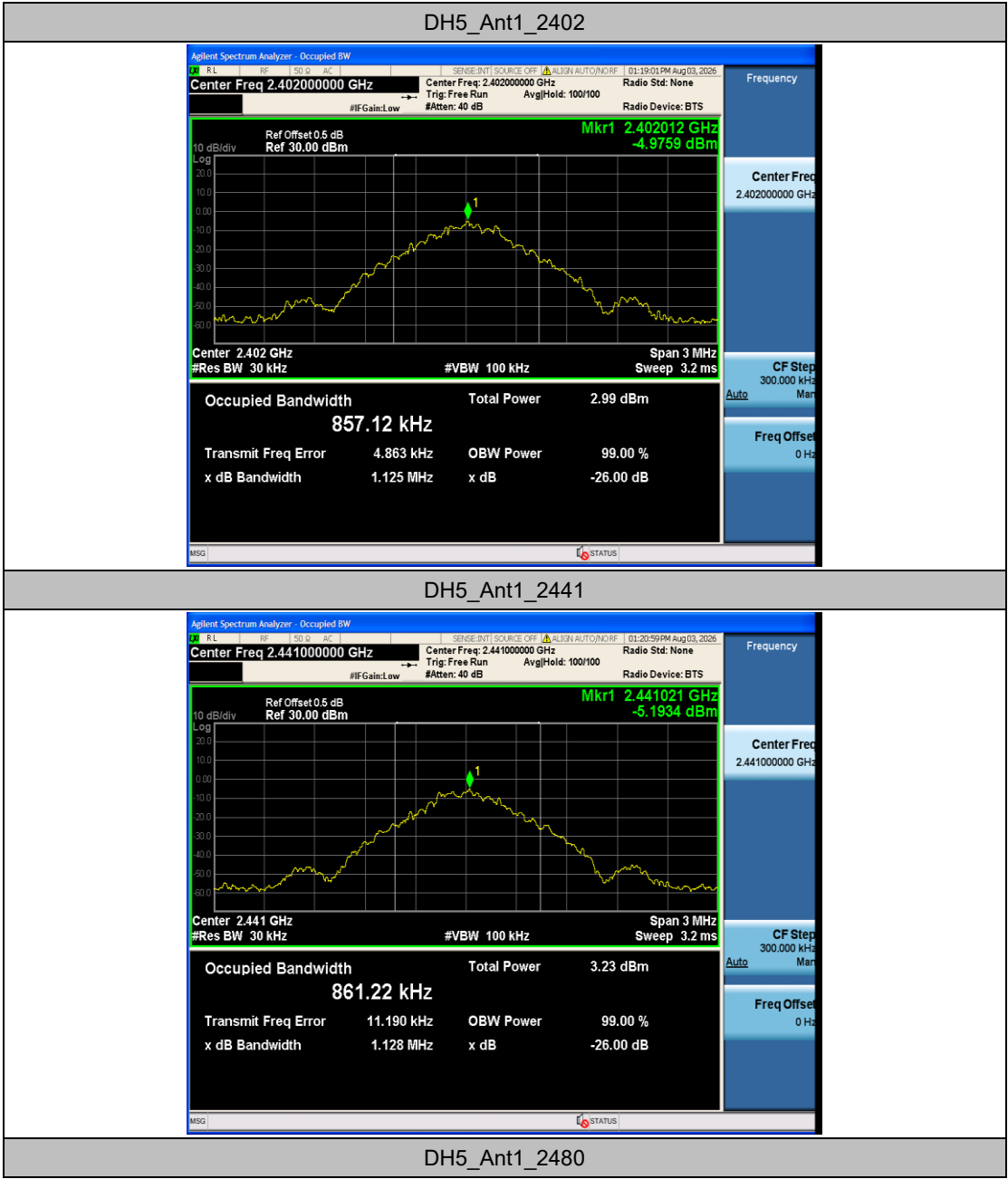


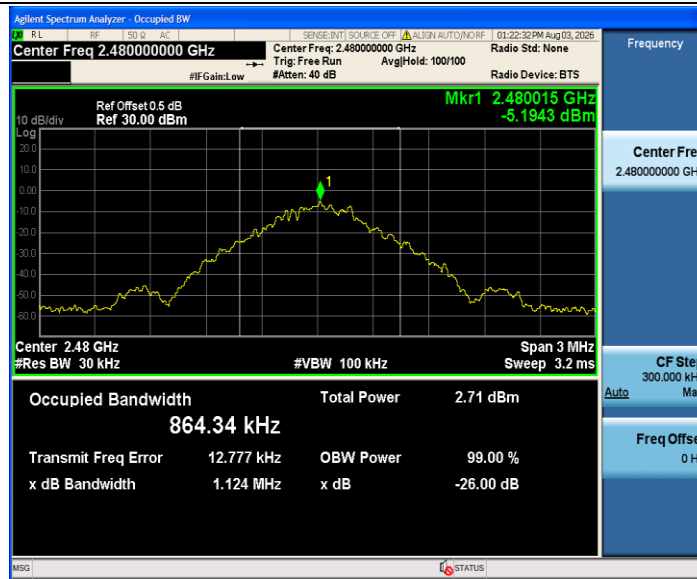
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.85712	2401.5763	2402.4334	---	---
		2441	0.86122	2440.5806	2441.4418	---	---
		2480	0.86434	2479.5806	2480.4450	---	---
2DH5	Ant1	2402	1.1943	2401.4149	2402.6092	---	---
		2441	1.1901	2440.4156	2441.6057	---	---
		2480	1.1940	2479.4149	2480.6089	---	---
3DH5	Ant1	2402	1.1874	2401.4202	2402.6076	---	---
		2441	1.1836	2440.4213	2441.6049	---	---
		2480	1.1842	2479.4173	2480.6015	---	---

Test Graphs





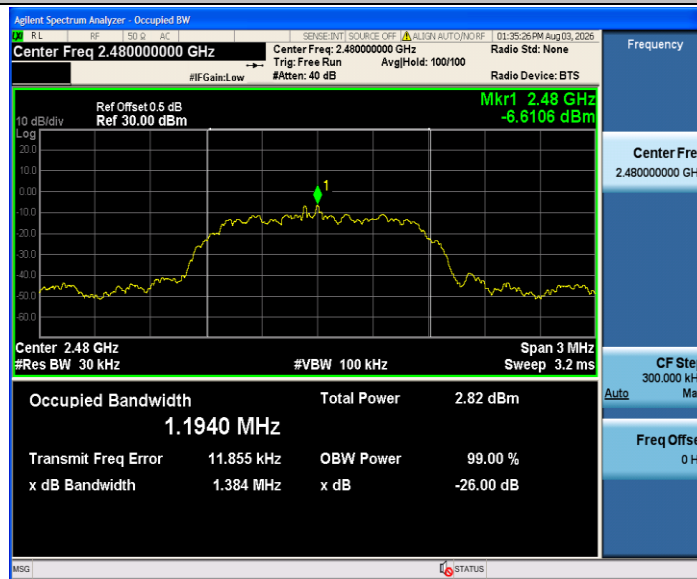
2DH5_Ant1_2402



2DH5_Ant1_2441



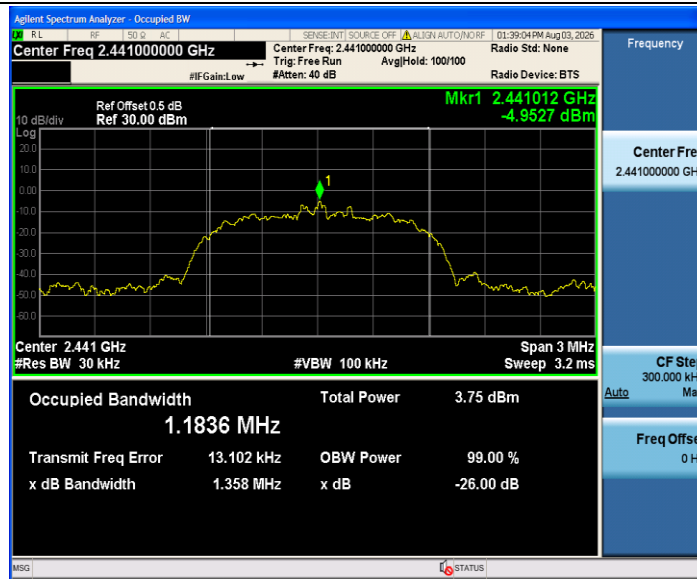
2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-3.33	≤20.97	PASS
		2441	-3.18	≤20.97	PASS
		2480	-3.19	≤20.97	PASS
2DH5	Ant1	2402	-0.60	≤20.97	PASS
		2441	-0.76	≤20.97	PASS
		2480	-0.99	≤20.97	PASS
3DH5	Ant1	2402	-0.28	≤20.97	PASS
		2441	-0.38	≤20.97	PASS
		2480	-0.65	≤20.97	PASS

Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.008	≥ 0.951	PASS
2DH5	Ant1	Hop	1.004	≥ 0.892	PASS
3DH5	Ant1	Hop	1.022	≥ 0.866	PASS

Test Graphs



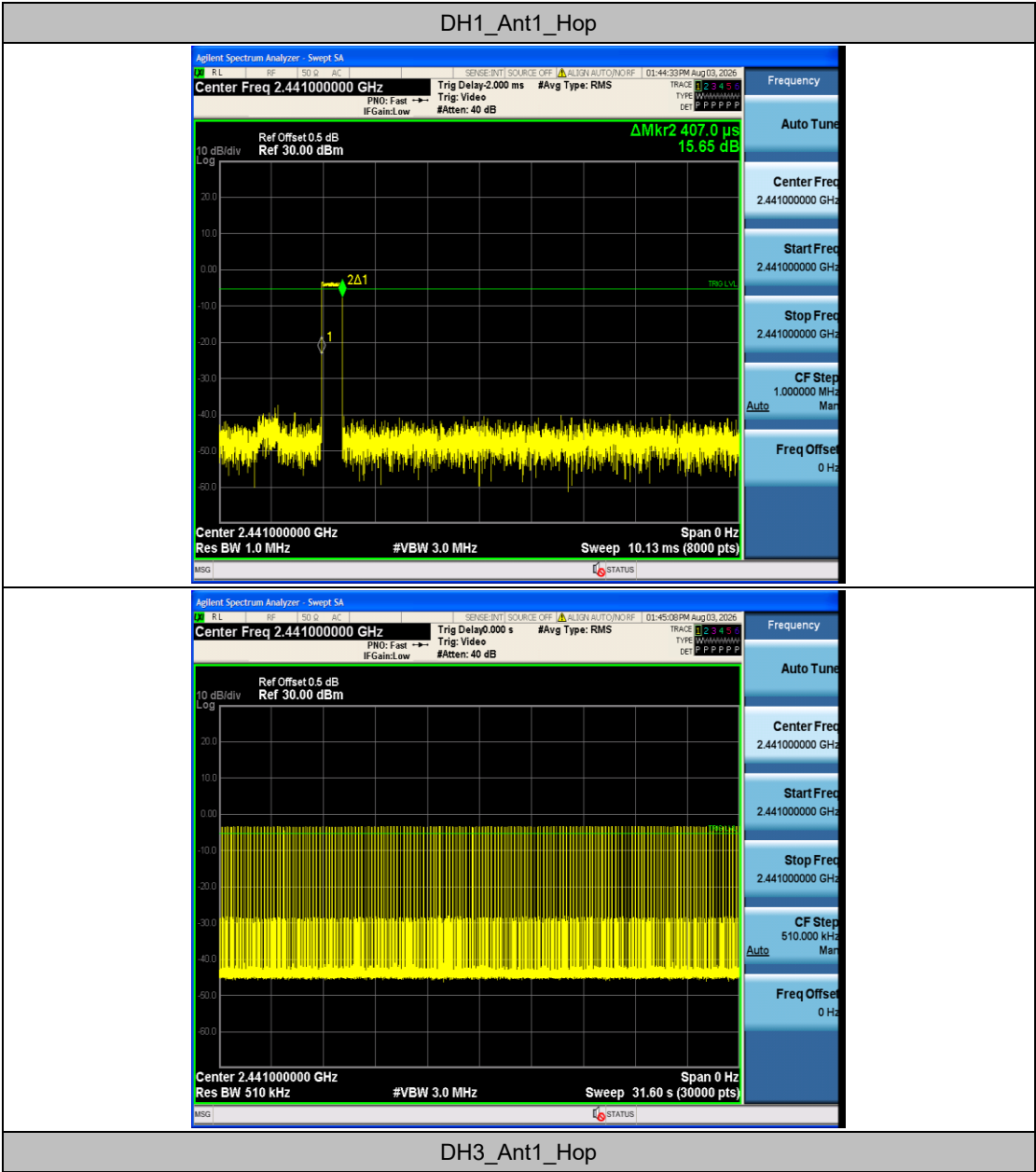


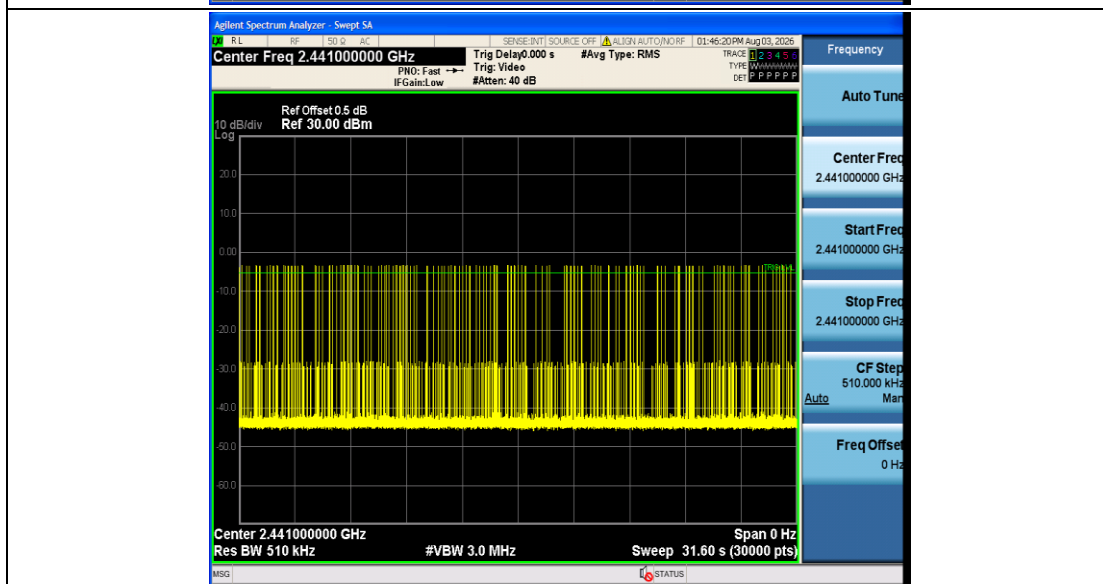
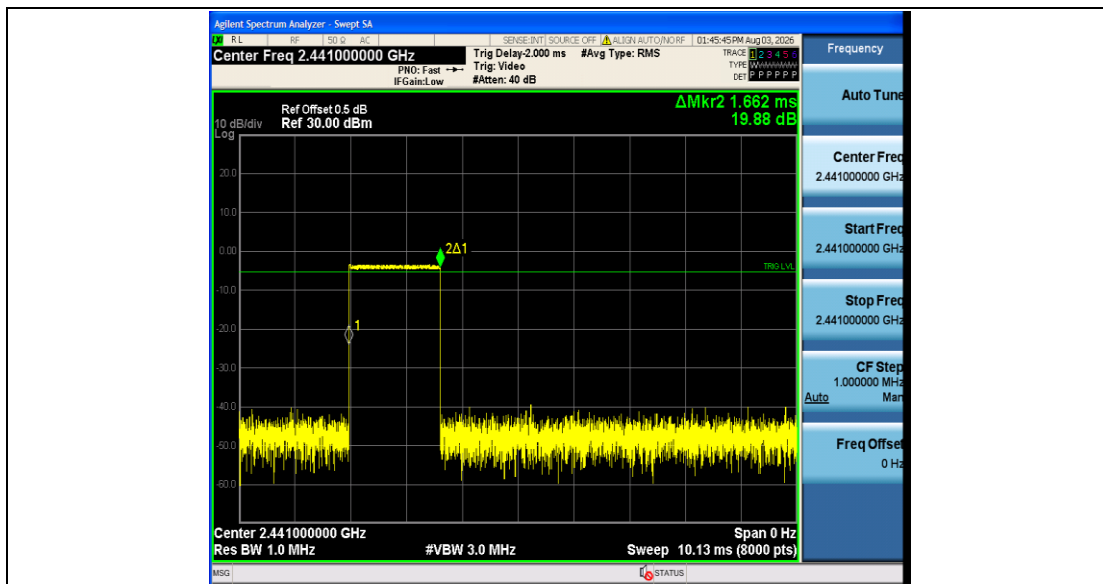
Appendix E: Time of occupancy

Test Result

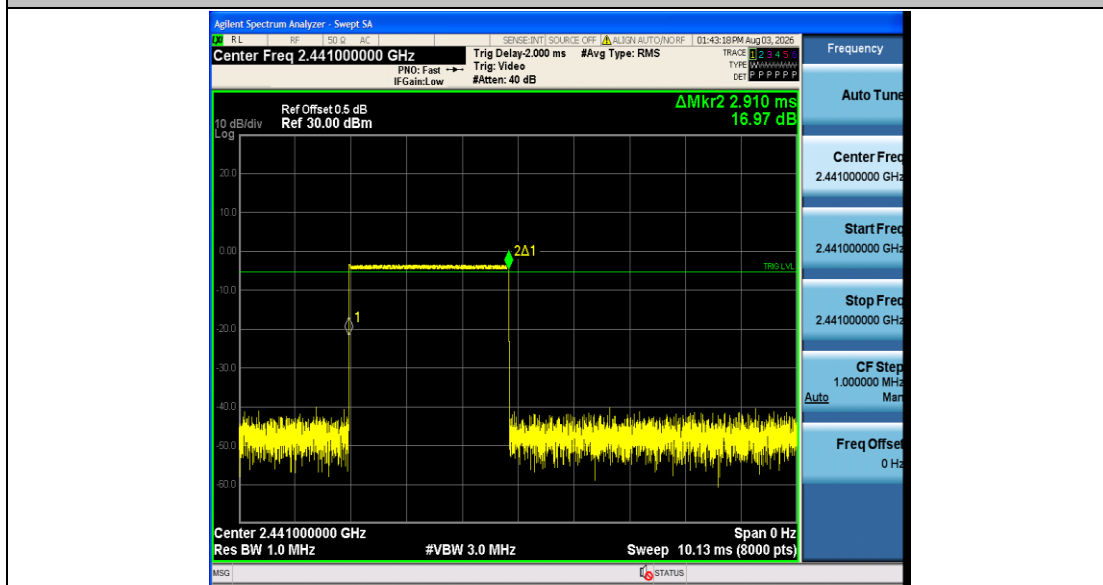
TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.407	315	0.128	≤0.4	PASS
DH3	Ant1	Hop	1.662	159	0.264	≤0.4	PASS
DH5	Ant1	Hop	2.910	105	0.306	≤0.4	PASS
2DH1	Ant1	Hop	0.417	318	0.133	≤0.4	PASS
2DH3	Ant1	Hop	1.667	159	0.265	≤0.4	PASS
2DH5	Ant1	Hop	2.915	108	0.315	≤0.4	PASS
3DH1	Ant1	Hop	0.417	318	0.133	≤0.4	PASS
3DH3	Ant1	Hop	1.666	165	0.275	≤0.4	PASS
3DH5	Ant1	Hop	2.917	108	0.315	≤0.4	PASS

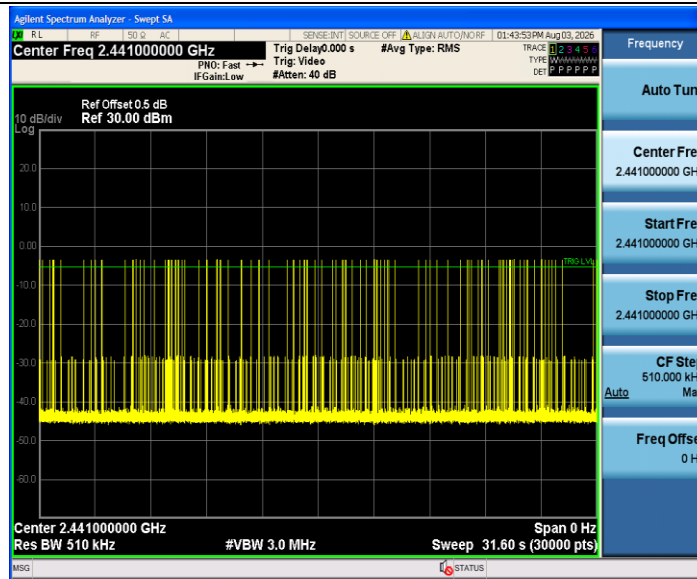
Test Graphs



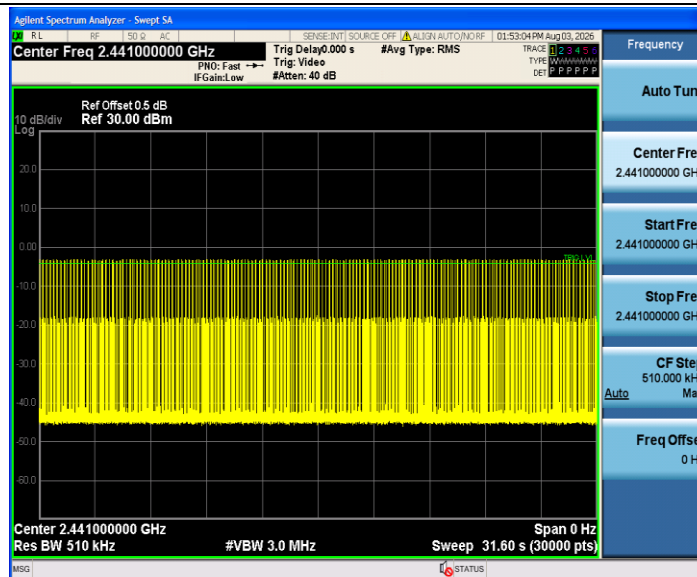
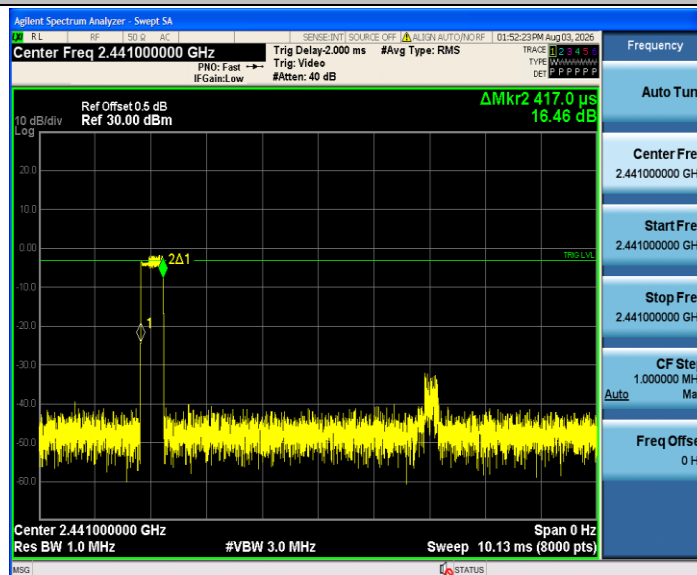


DH5_Ant1_Hop

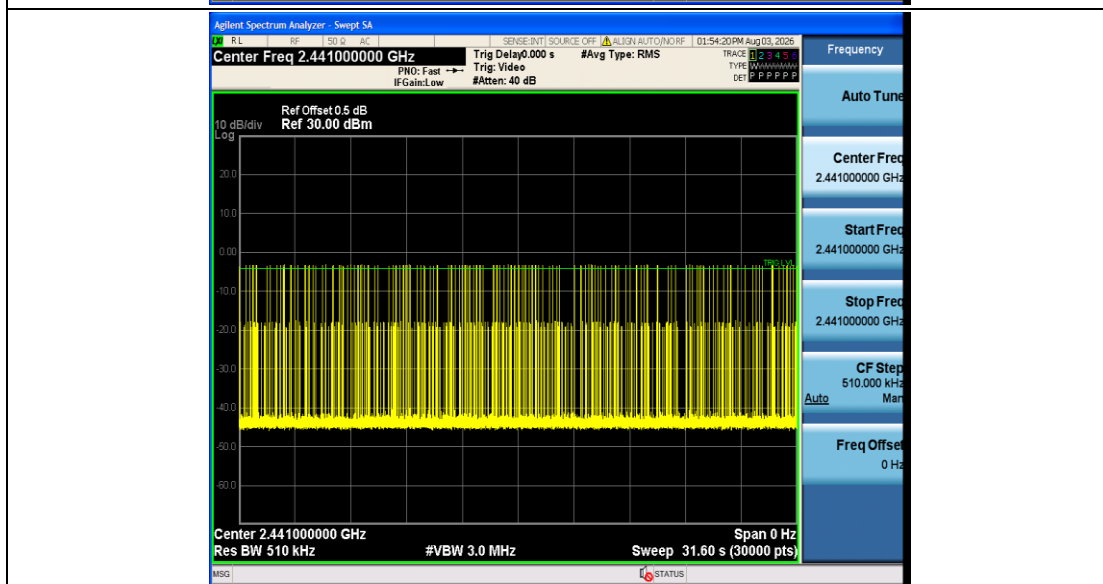
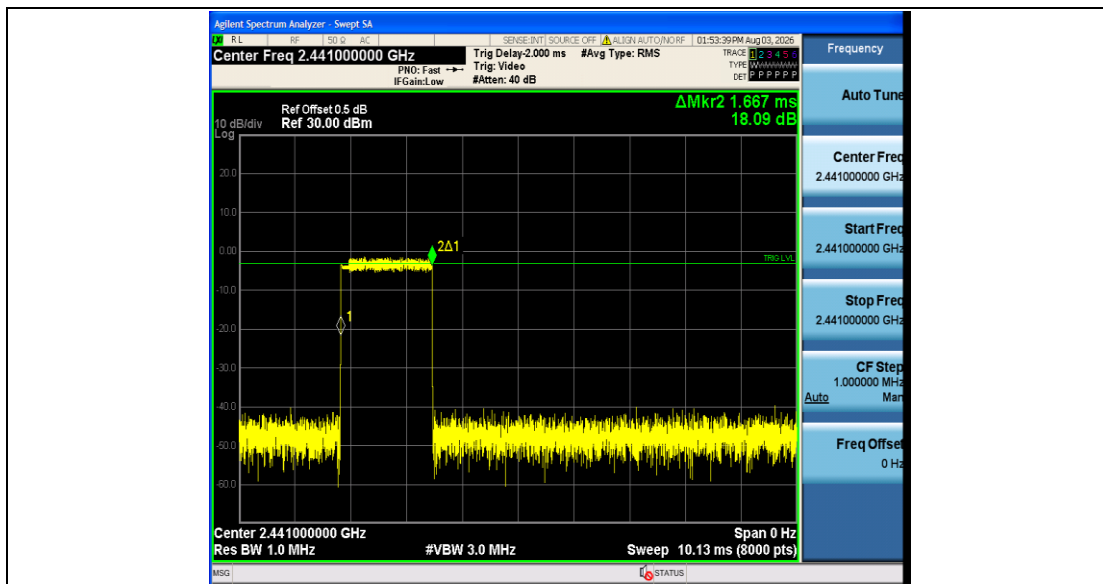




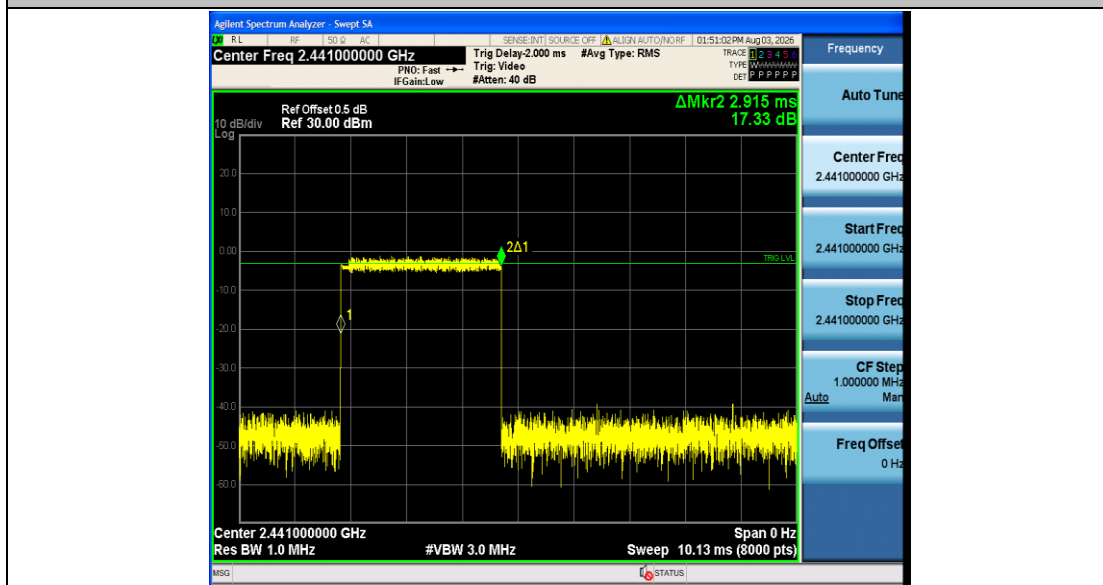
2DH1_Ant1_Hop

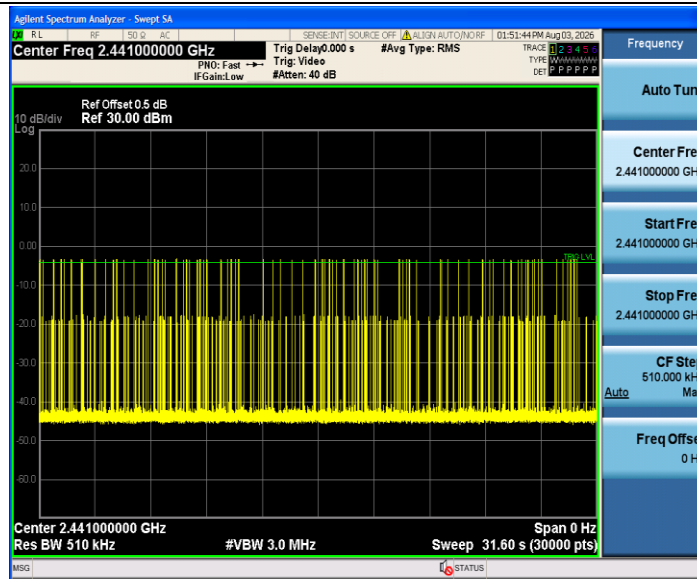


2DH3_Ant1_Hop

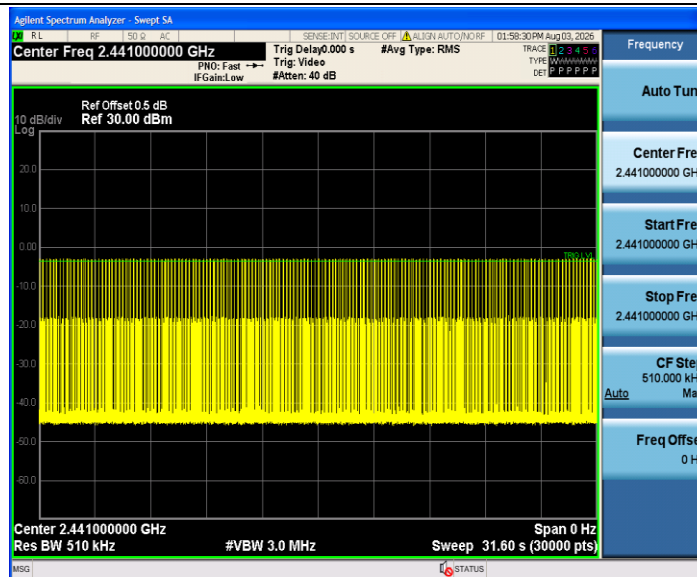
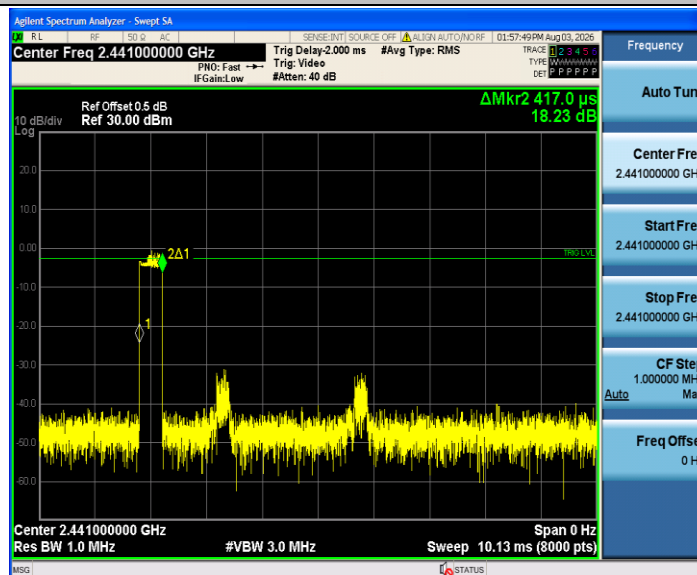


2DH5_Ant1_Hop

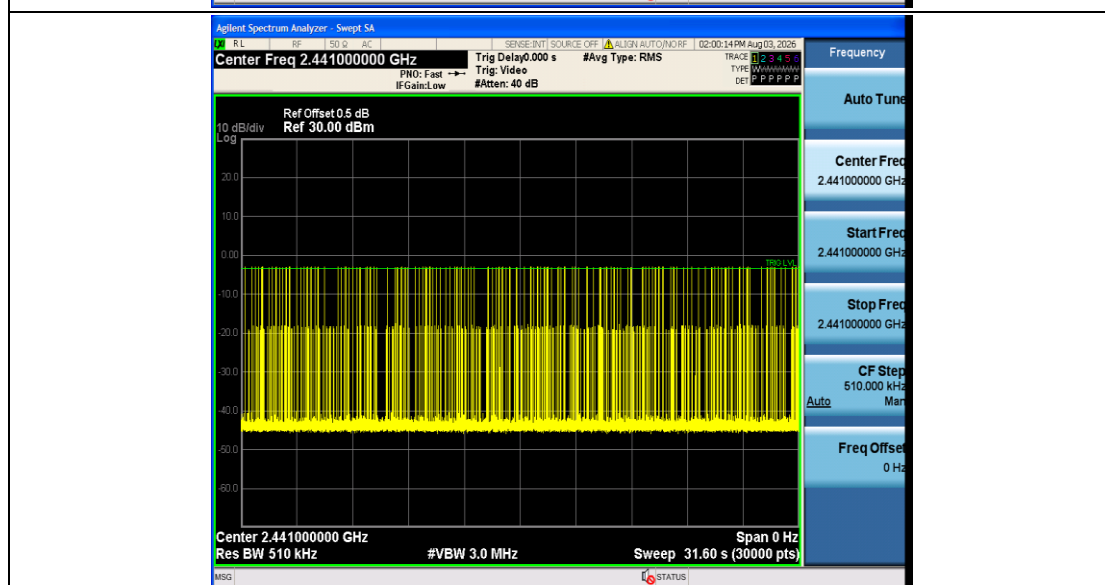
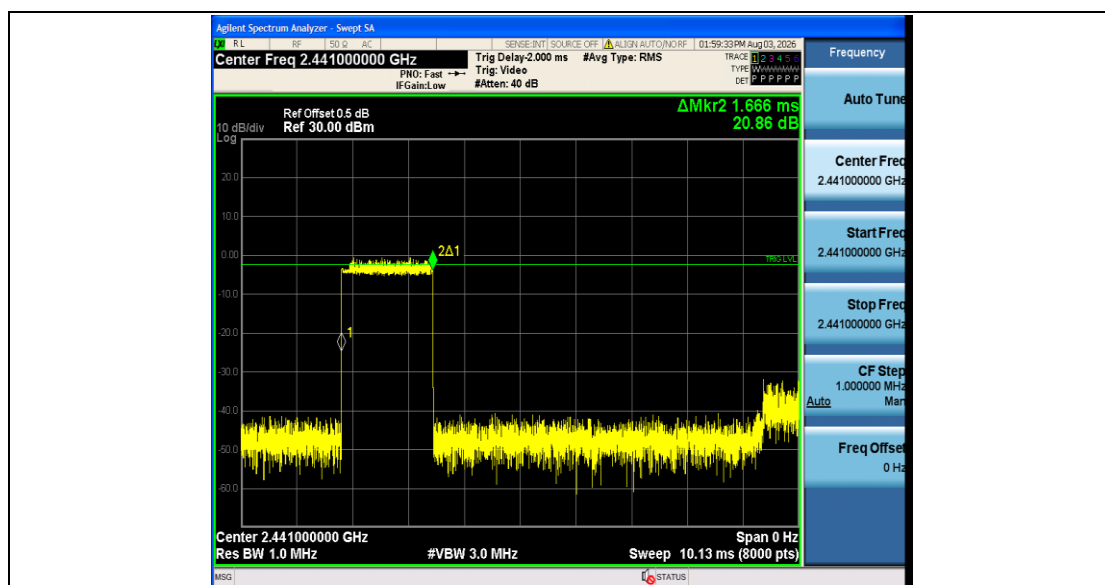




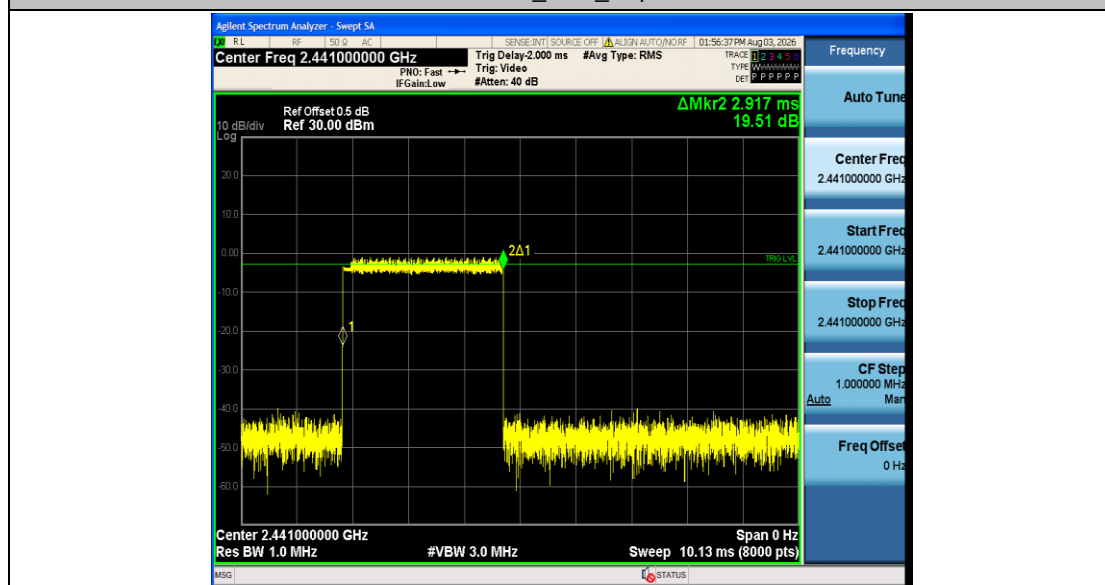
3DH1_Ant1_Hop

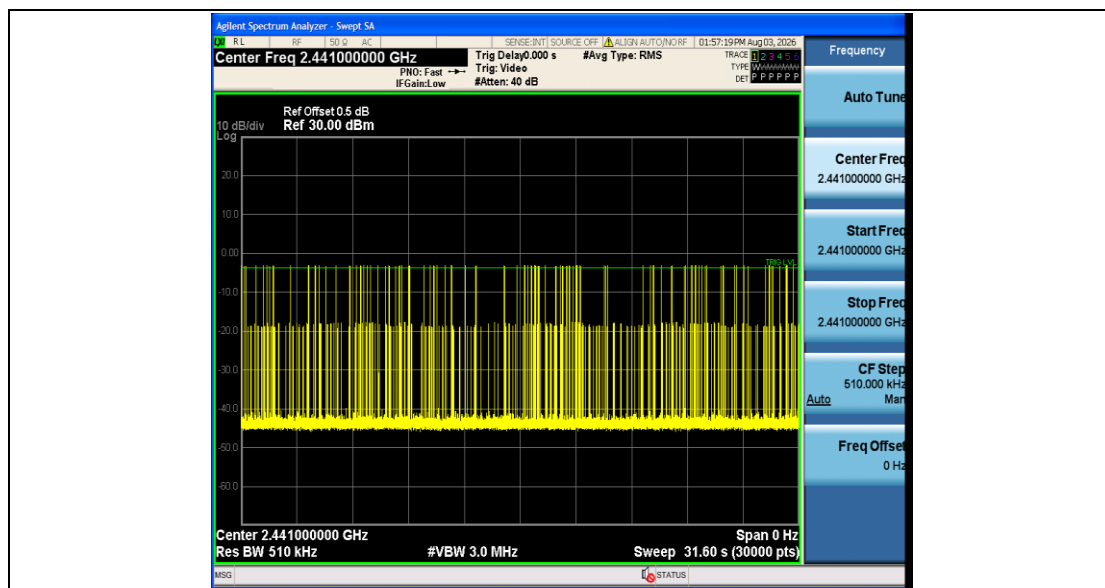


3DH3_Ant1_Hop



3DH5_Ant1_Hop



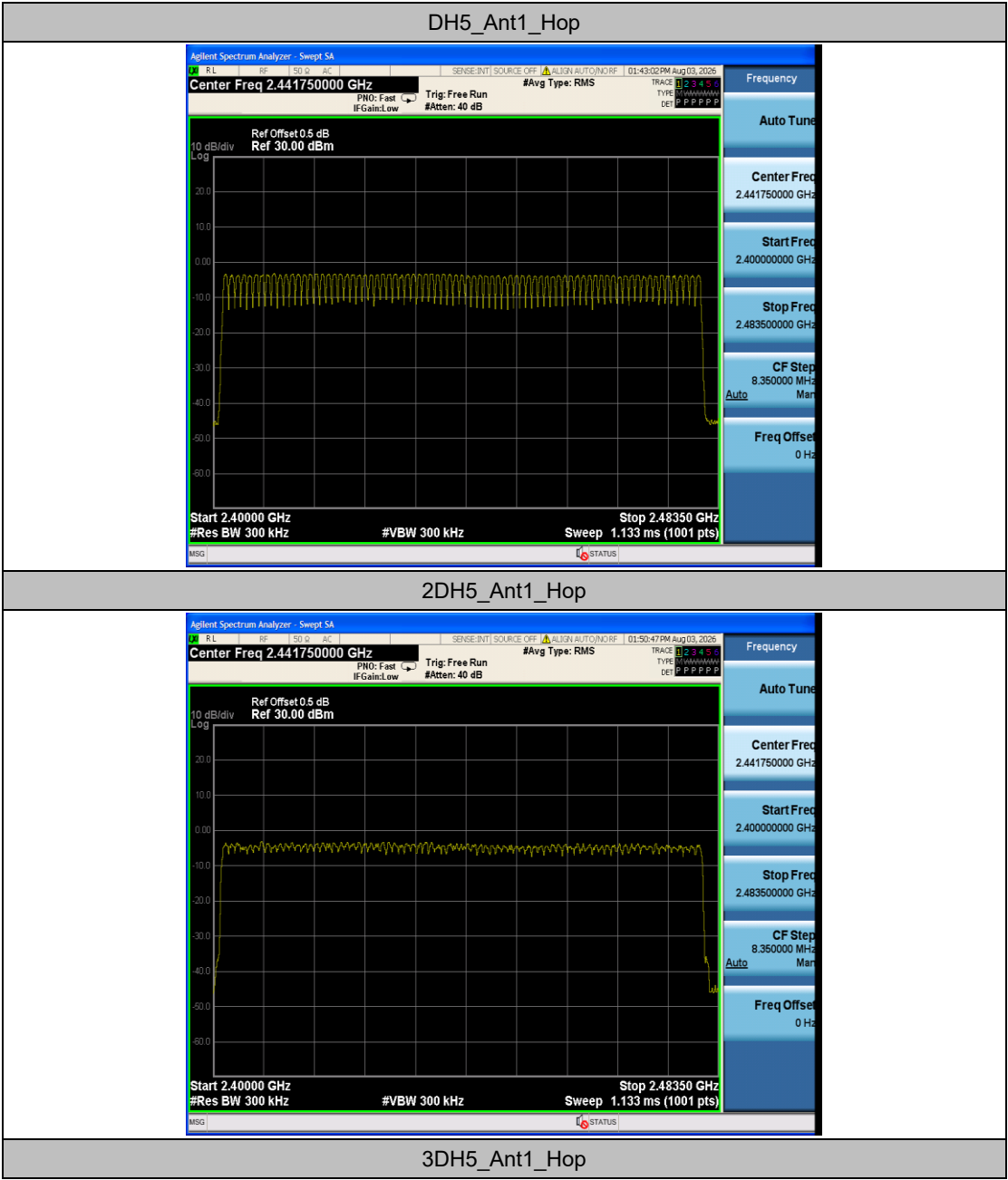


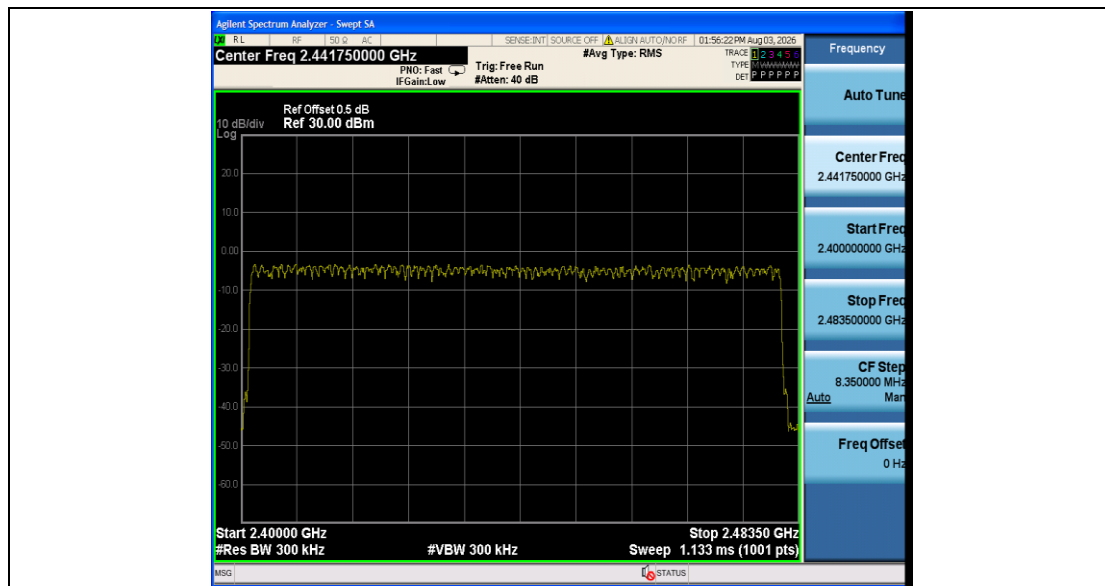
Appendix F: Number of hopping channels

Test Result

TestMode	Antenna	Freq(MHz)	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS

Test Graphs





Appendix G: Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-3.87	-58.03	≤ -23.87	PASS
		High	2480	-3.67	-54.37	≤ -23.67	PASS
		Low	Hop_2402	-4.05	-57.32	≤ -24.05	PASS
		High	Hop_2480	-4.20	-57	≤ -24.2	PASS
2DH5	Ant1	Low	2402	-4.16	-57.87	≤ -24.16	PASS
		High	2480	-4.91	-57.46	≤ -24.91	PASS
		Low	Hop_2402	-4.41	-58.22	≤ -24.41	PASS
		High	Hop_2480	-3.67	-57.61	≤ -23.67	PASS
3DH5	Ant1	Low	2402	-4.48	-57.9	≤ -24.48	PASS
		High	2480	-3.86	-55.62	≤ -23.86	PASS
		Low	Hop_2402	-6.02	-58.05	≤ -26.02	PASS
		High	Hop_2480	-4.61	-57.27	≤ -24.61	PASS

Test Graphs

