

FCC Appendix RF Test Data

FCC ID : 2BO6V-KI-E065TV

Company: : SHENZHEN KINGIMAGE TECHNOLOGY CO.,LTD.

EUT : OUTDOOR TV

Model Number : KI-E065TV

Report No. : CTA25040801602

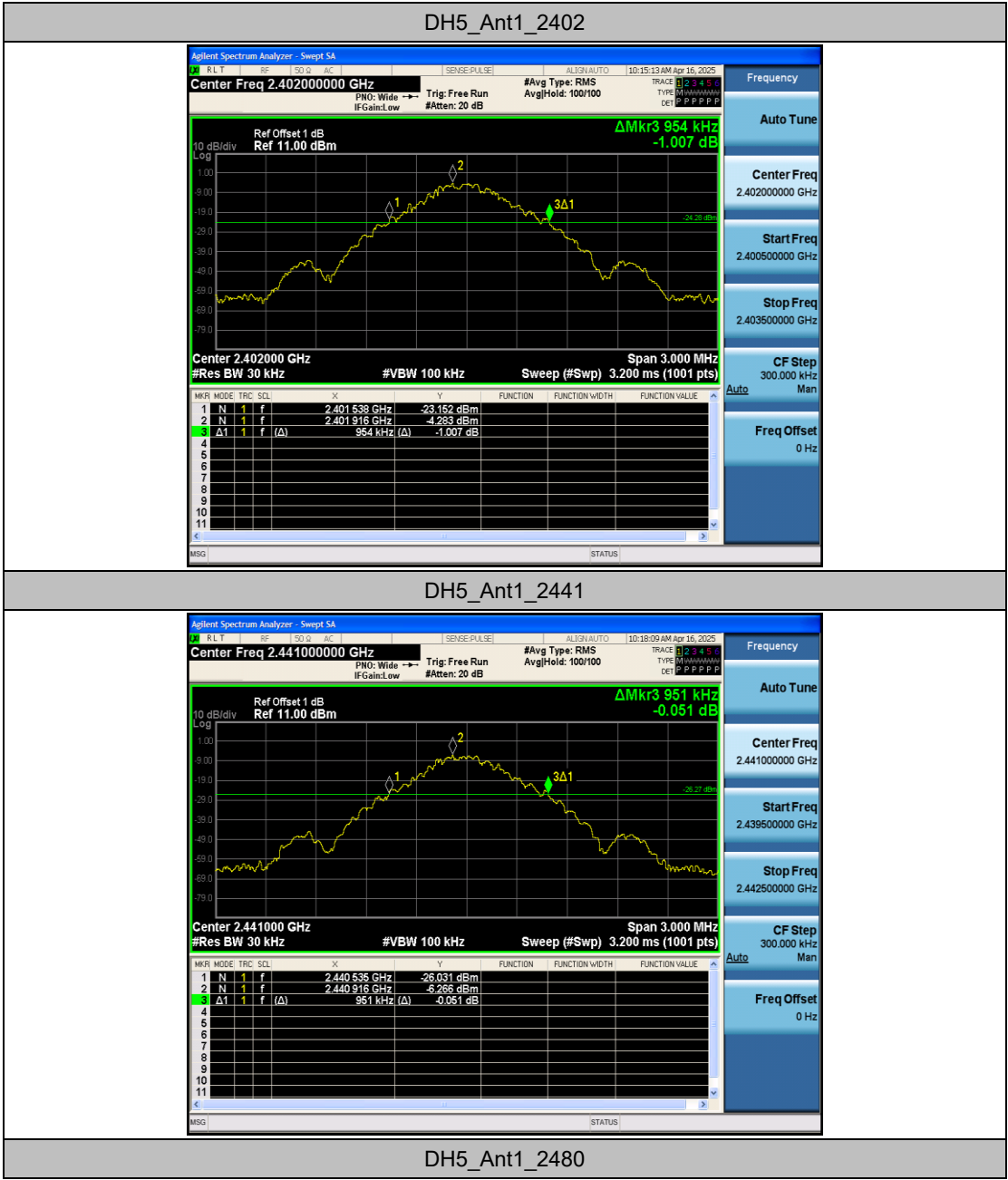
Reviewed By : Eric Wang

Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.954	2401.538	2402.492	---	---
		2441	0.951	2440.535	2441.486	---	---
		2480	0.945	2479.538	2480.483	---	---
2DH5	Ant1	2402	1.284	2401.367	2402.651	---	---
		2441	1.281	2440.367	2441.648	---	---
		2480	1.332	2479.331	2480.663	---	---
3DH5	Ant1	2402	1.335	2401.331	2402.666	---	---
		2441	1.284	2440.367	2441.651	---	---
		2480	1.278	2479.370	2480.648	---	---

Test Graphs





2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480

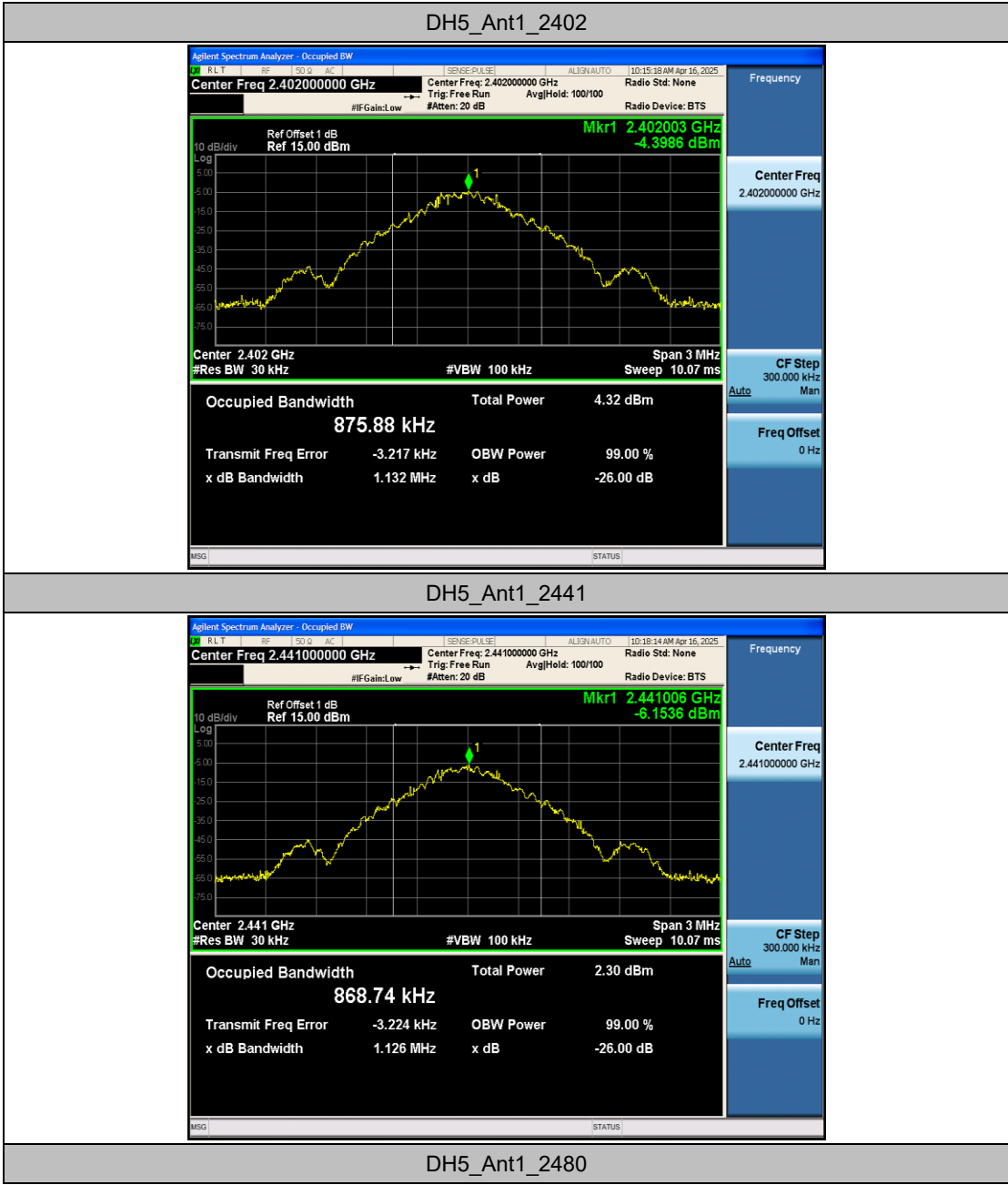


Appendix B: Occupied Channel Bandwidth

Test Result

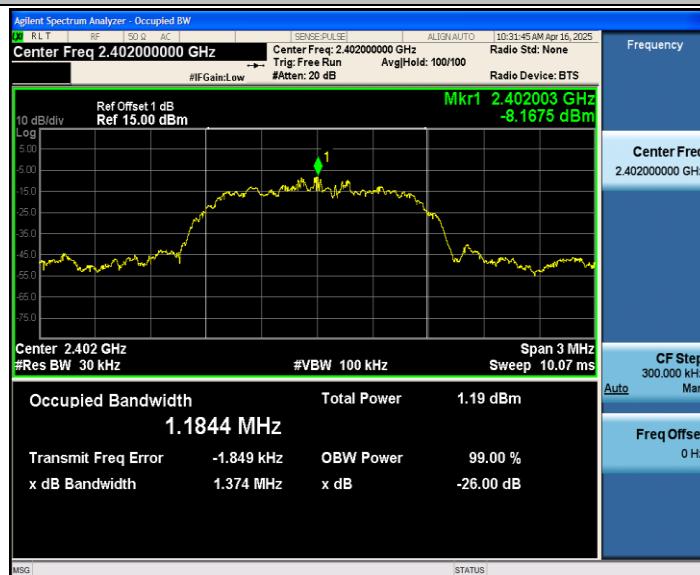
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.87588	2401.5588	2402.4347	---	---
		2441	0.86874	2440.5624	2441.4312	---	---
		2480	0.87588	2479.5608	2480.4367	---	---
2DH5	Ant1	2402	1.1844	2401.4060	2402.5904	---	---
		2441	1.1885	2440.4046	2441.5931	---	---
		2480	1.1834	2479.4053	2480.5887	---	---
3DH5	Ant1	2402	1.1872	2401.4052	2402.5924	---	---
		2441	1.1856	2440.4051	2441.5907	---	---
		2480	1.1888	2479.4039	2480.5927	---	---

Test Graphs

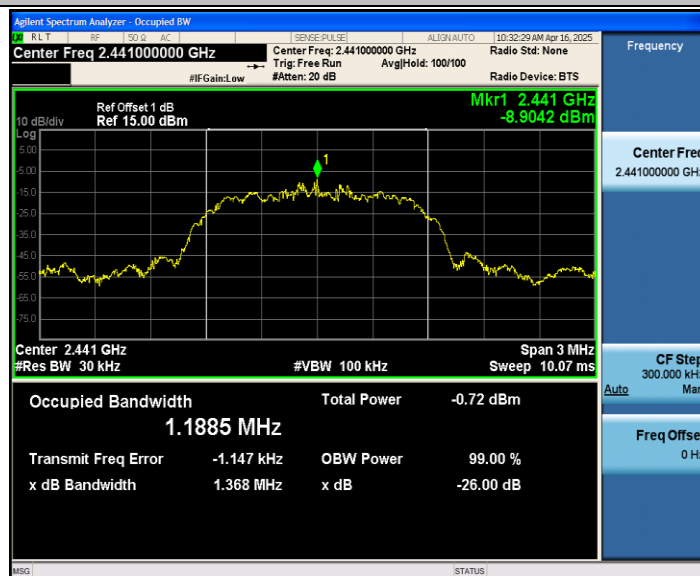




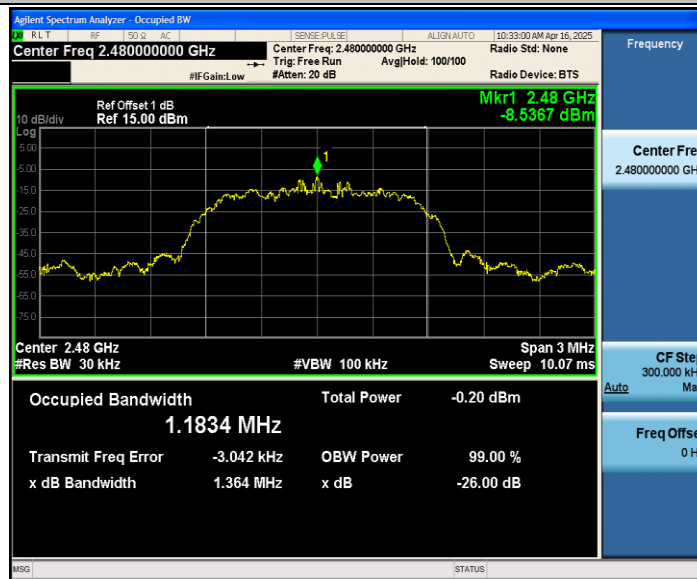
2DH5_Ant1_2402



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	-1.61	≤20.97	PASS
		2441	-3.67	≤20.97	PASS
		2480	-3.25	≤20.97	PASS
2DH5	Ant1	2402	-2.56	≤20.97	PASS
		2441	-4.49	≤20.97	PASS
		2480	-4.05	≤20.97	PASS
3DH5	Ant1	2402	-2.52	≤20.97	PASS
		2441	-4.40	≤20.97	PASS
		2480	-4.03	≤20.97	PASS

Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.324	≥ 0.954	PASS
2DH5	Ant1	Hop	1.184	≥ 0.888	PASS
3DH5	Ant1	Hop	1.348	≥ 1.335	PASS

Test Graphs



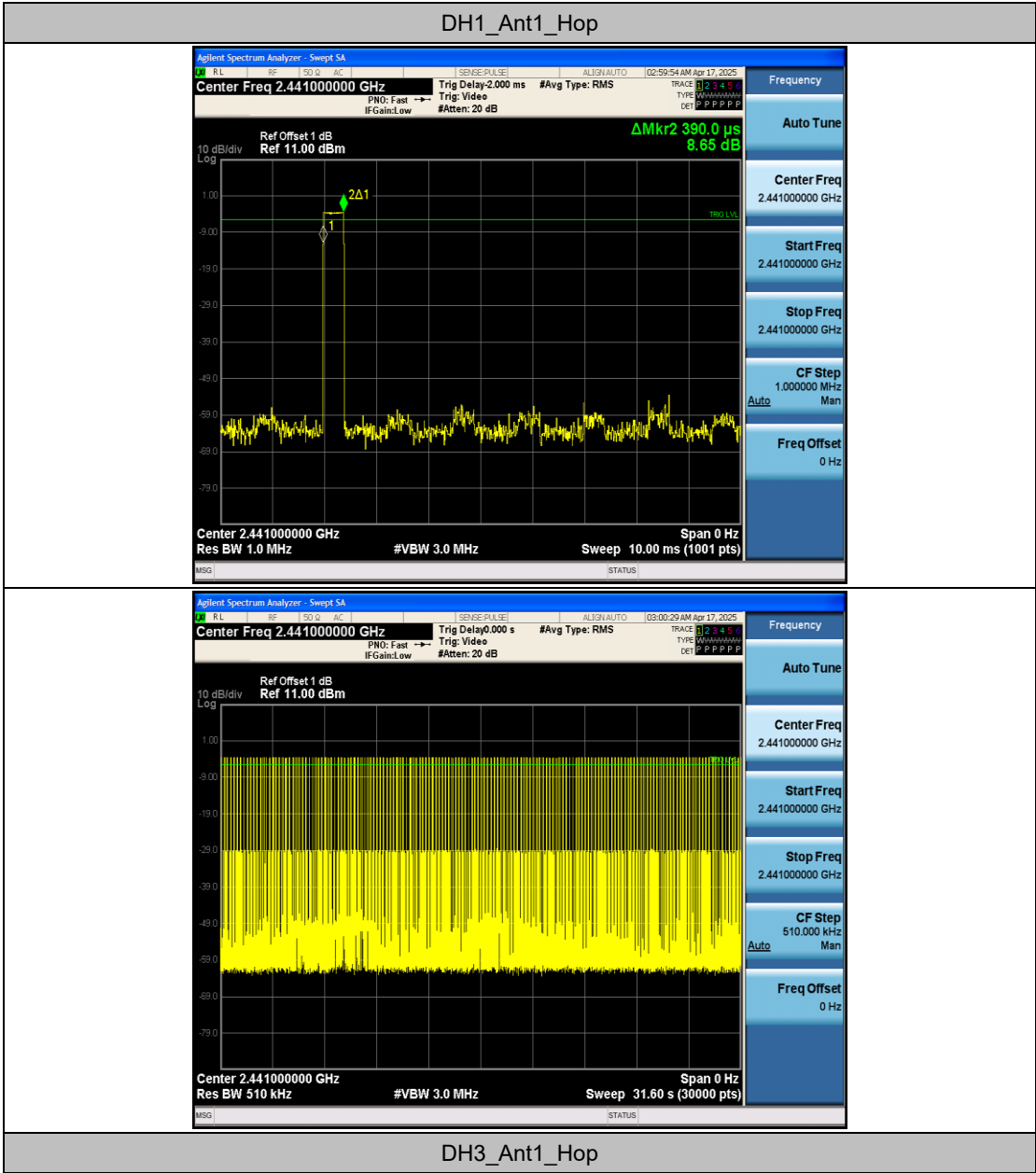


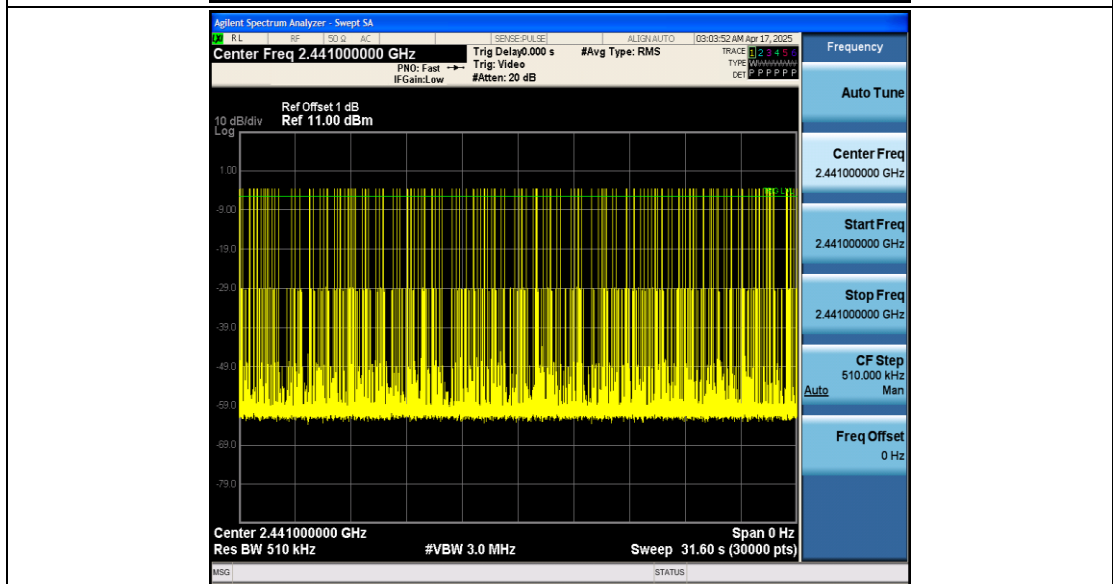
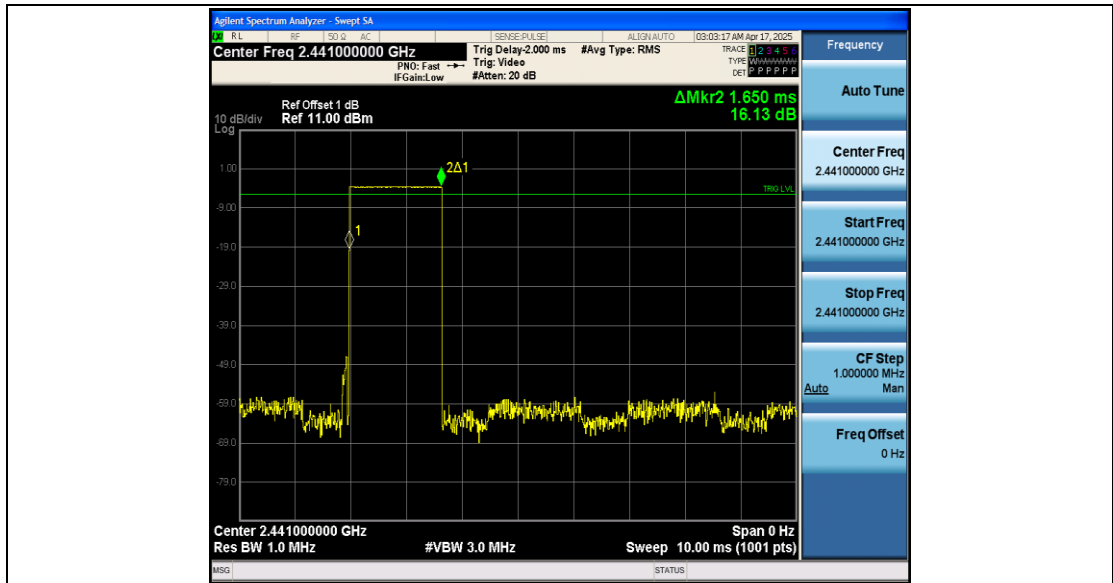
Appendix E: Time of occupancy

Test Result

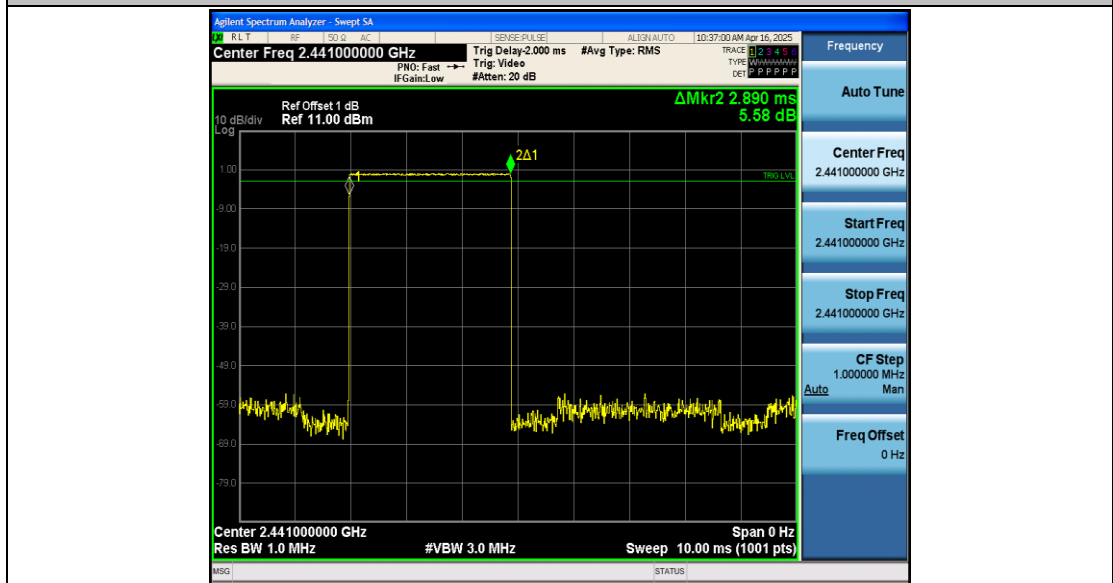
TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.390	317	0.124	≤0.4	PASS
DH3	Ant1	Hop	1.650	156	0.257	≤0.4	PASS
DH5	Ant1	Hop	2.890	111	0.321	≤0.4	PASS
2DH1	Ant1	Hop	0.390	318	0.124	≤0.4	PASS
2DH3	Ant1	Hop	1.640	155	0.254	≤0.4	PASS
2DH5	Ant1	Hop	2.900	107	0.31	≤0.4	PASS
3DH1	Ant1	Hop	0.390	316	0.123	≤0.4	PASS
3DH3	Ant1	Hop	1.640	158	0.259	≤0.4	PASS
3DH5	Ant1	Hop	2.890	110	0.318	≤0.4	PASS

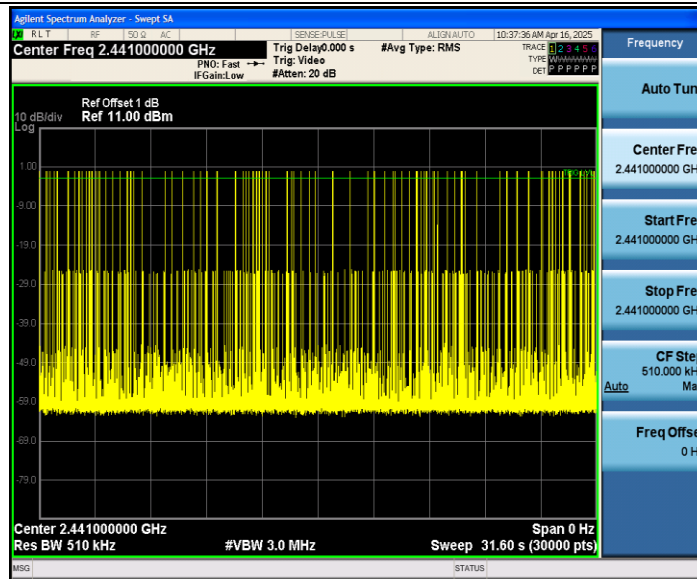
Test Graphs



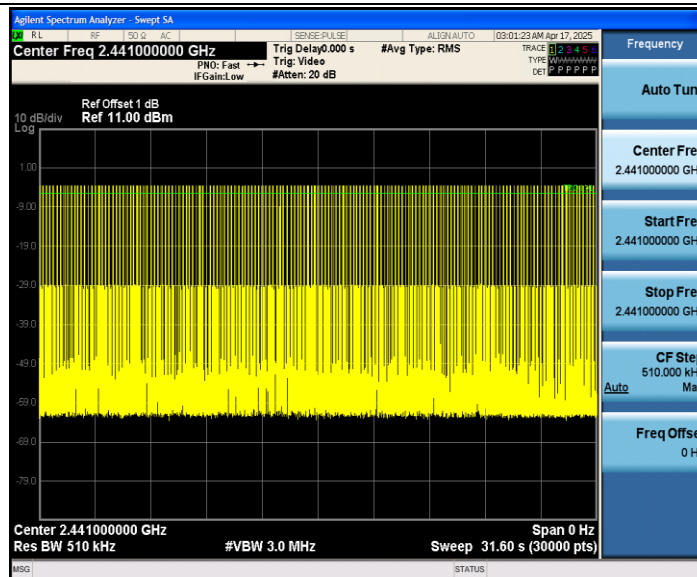
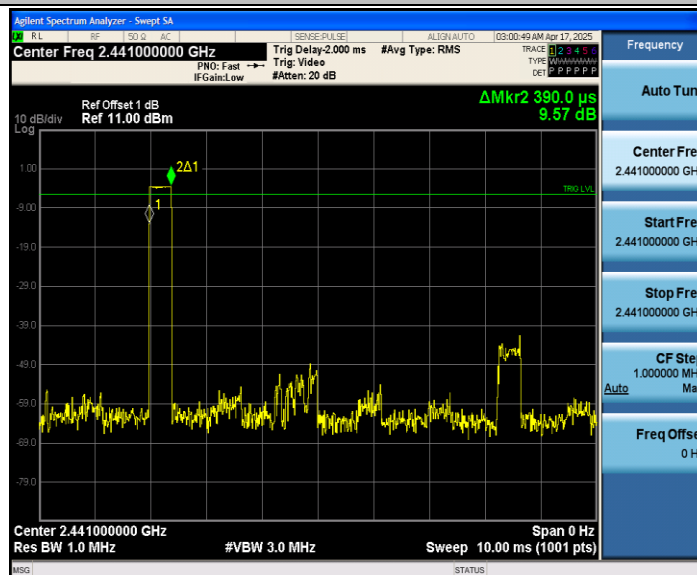


DH5_Ant1_Hop

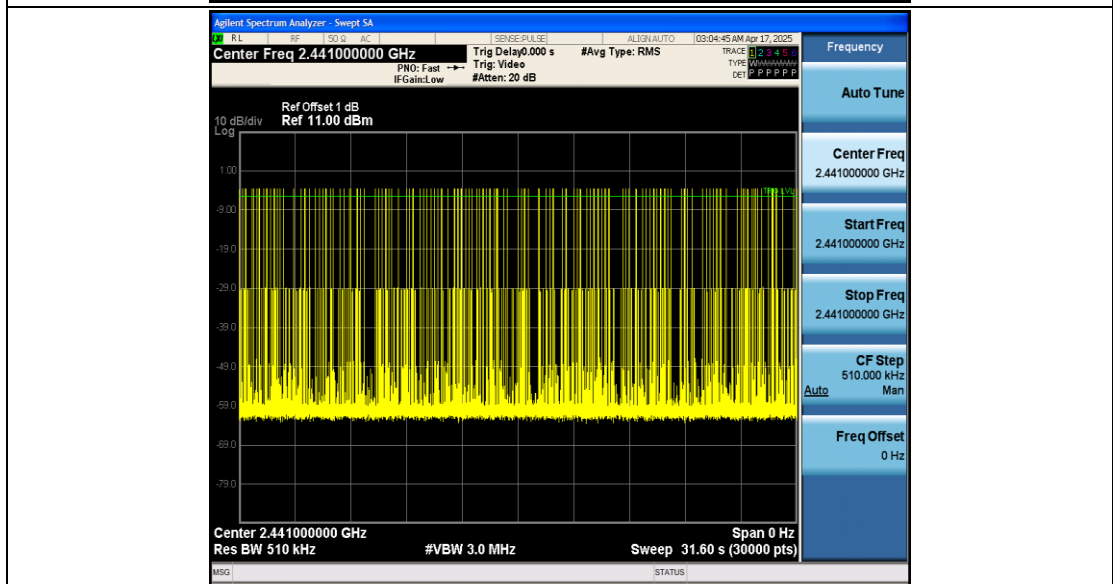
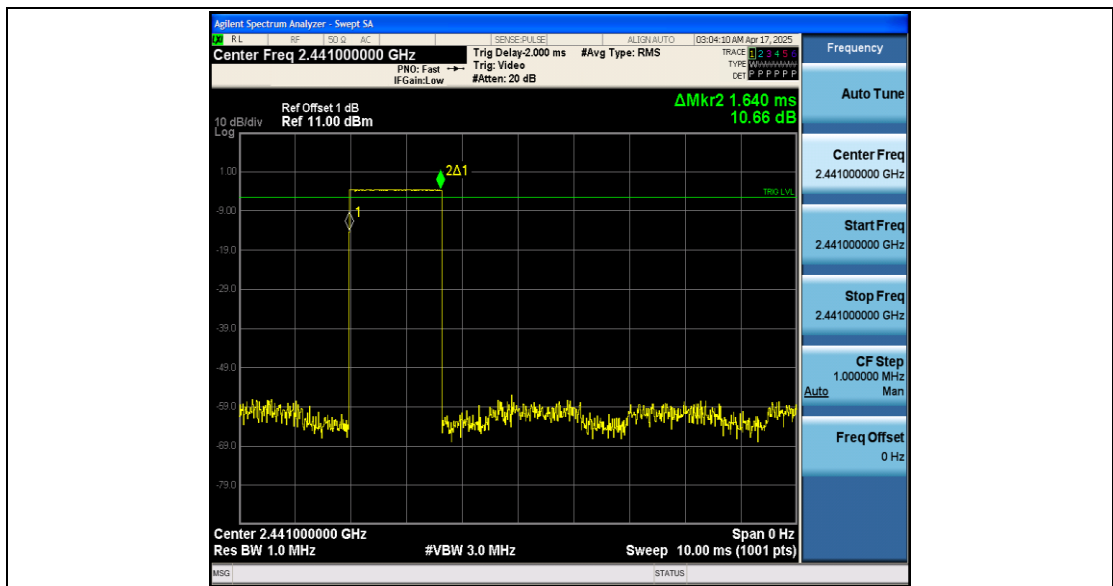




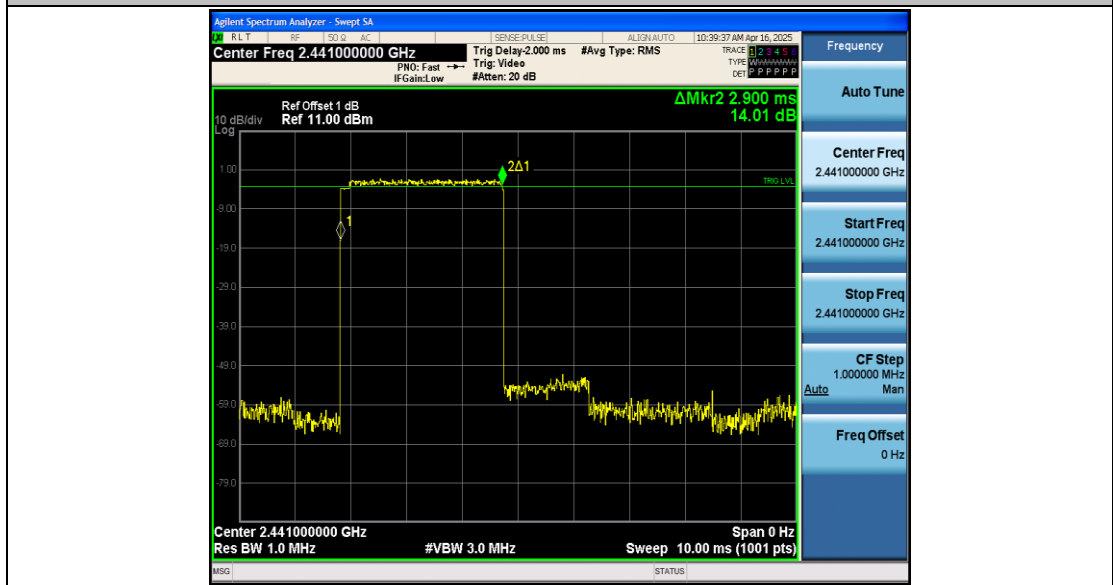
2DH1_Ant1_Hop

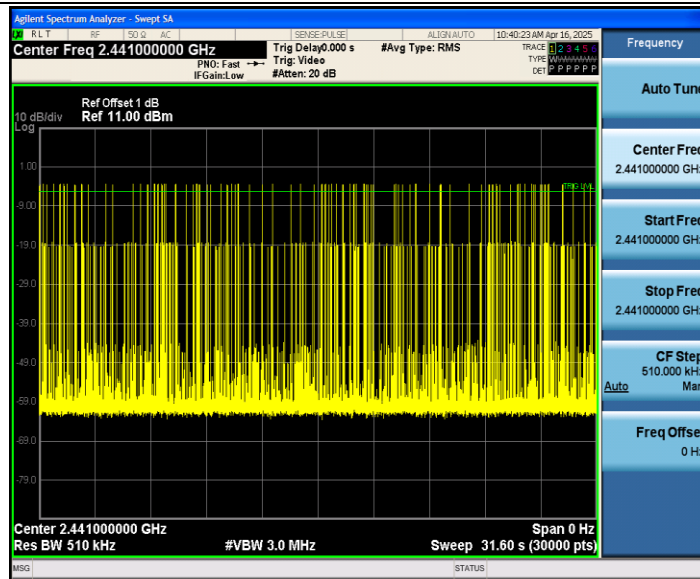


2DH3_Ant1_Hop

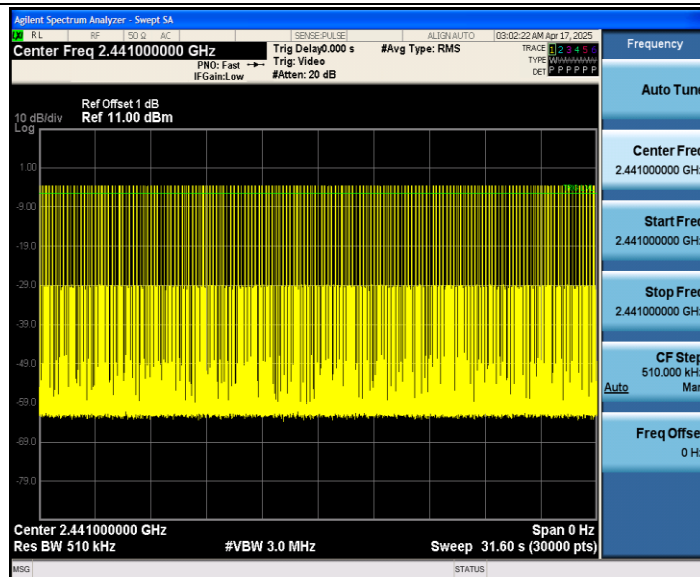
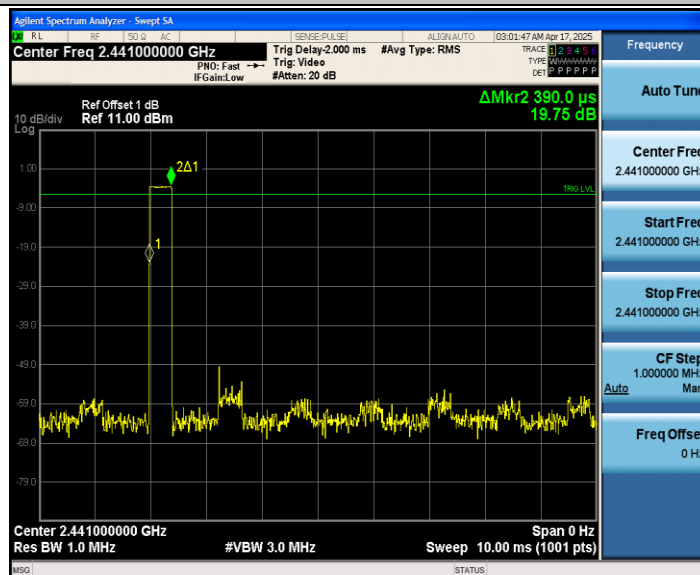


2DH5_Ant1_Hop

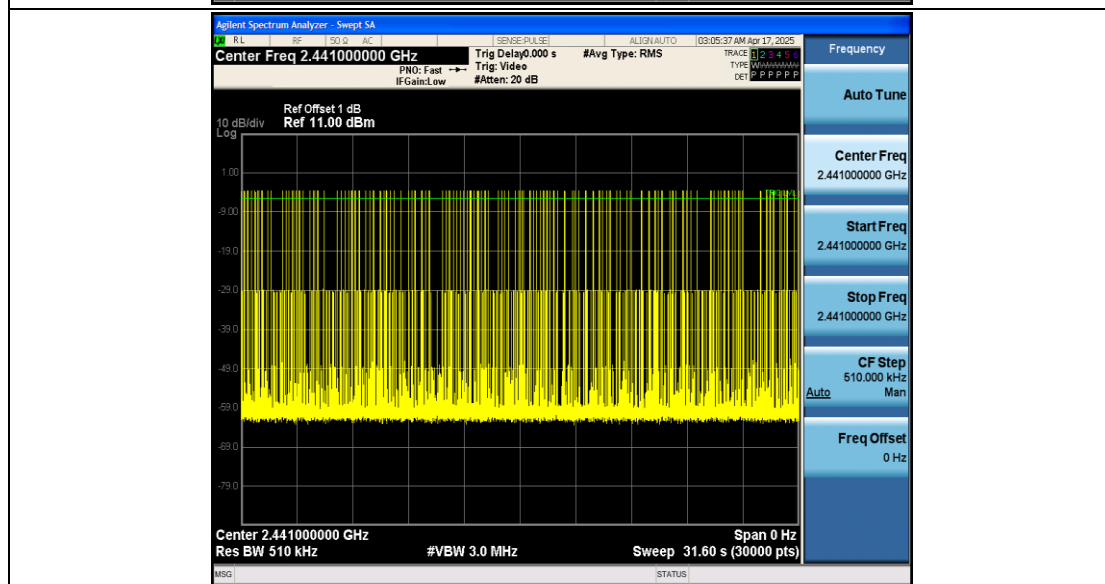
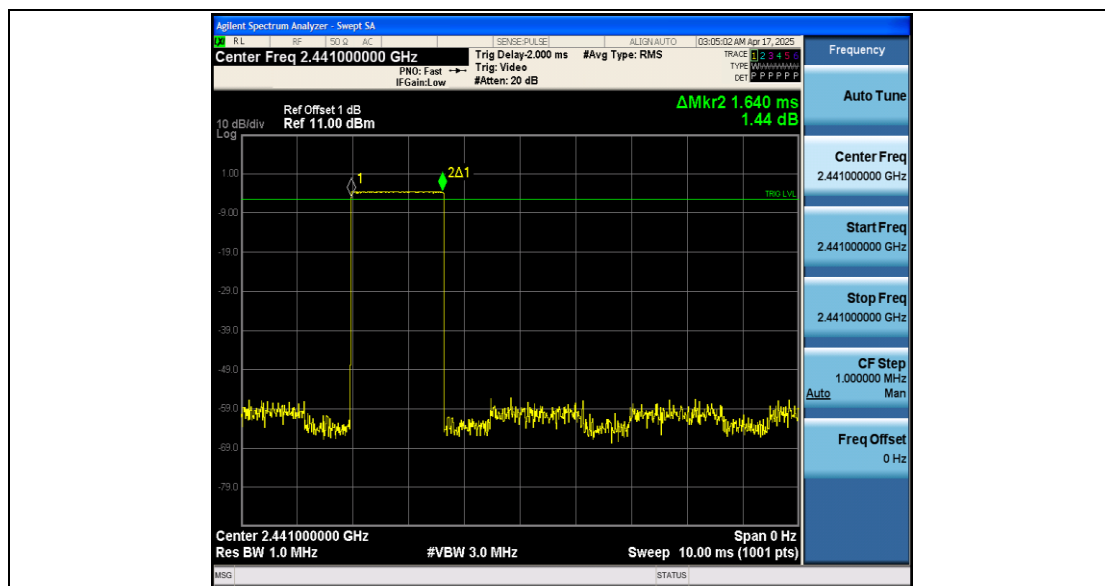




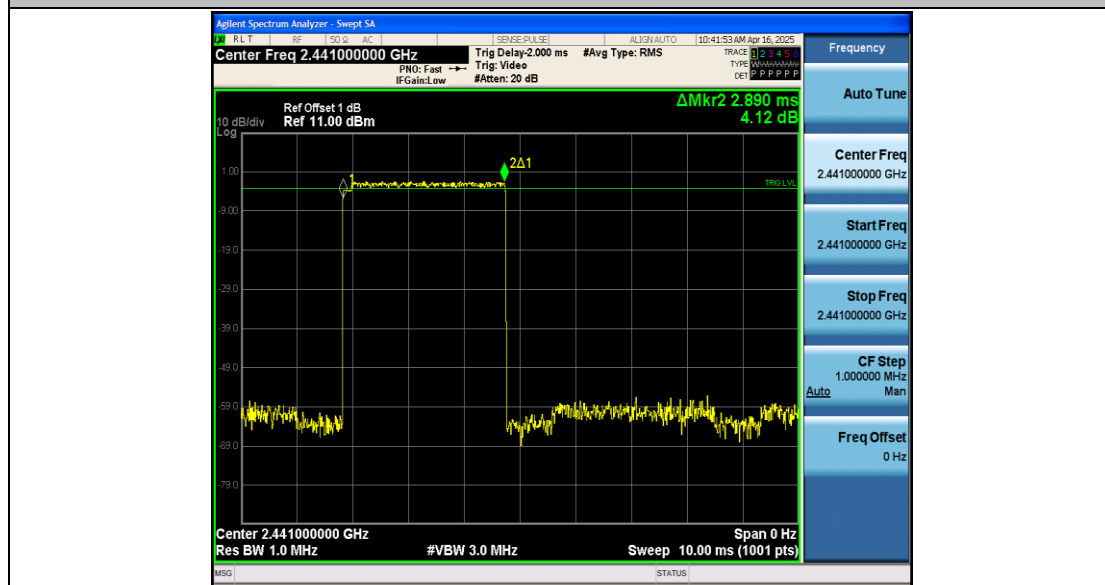
3DH1_Ant1_Hop

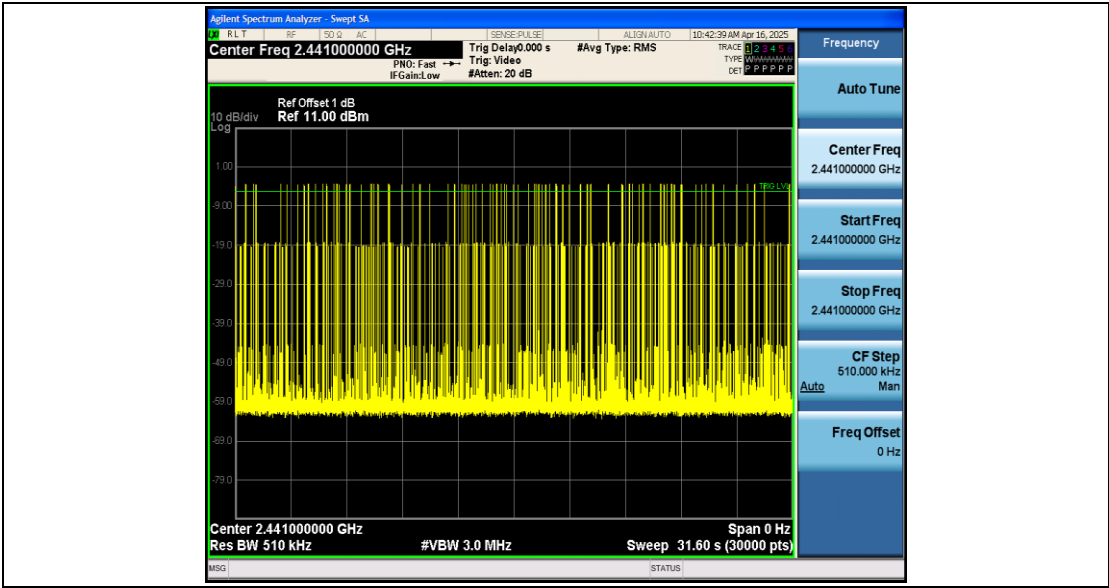


3DH3_Ant1_Hop



3DH5_Ant1_Hop





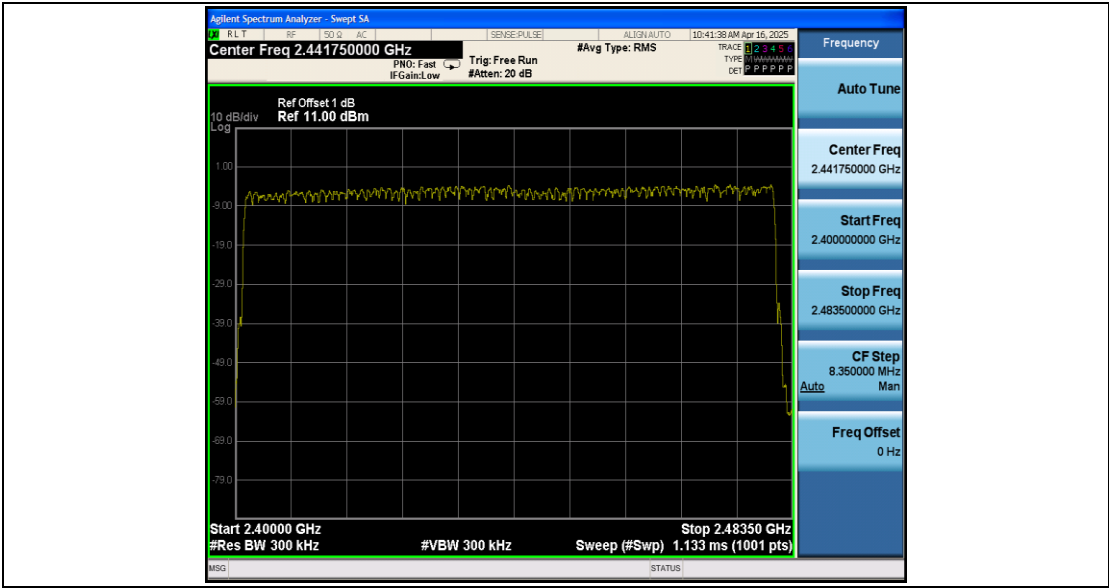
Appendix F: Number of hopping channels

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



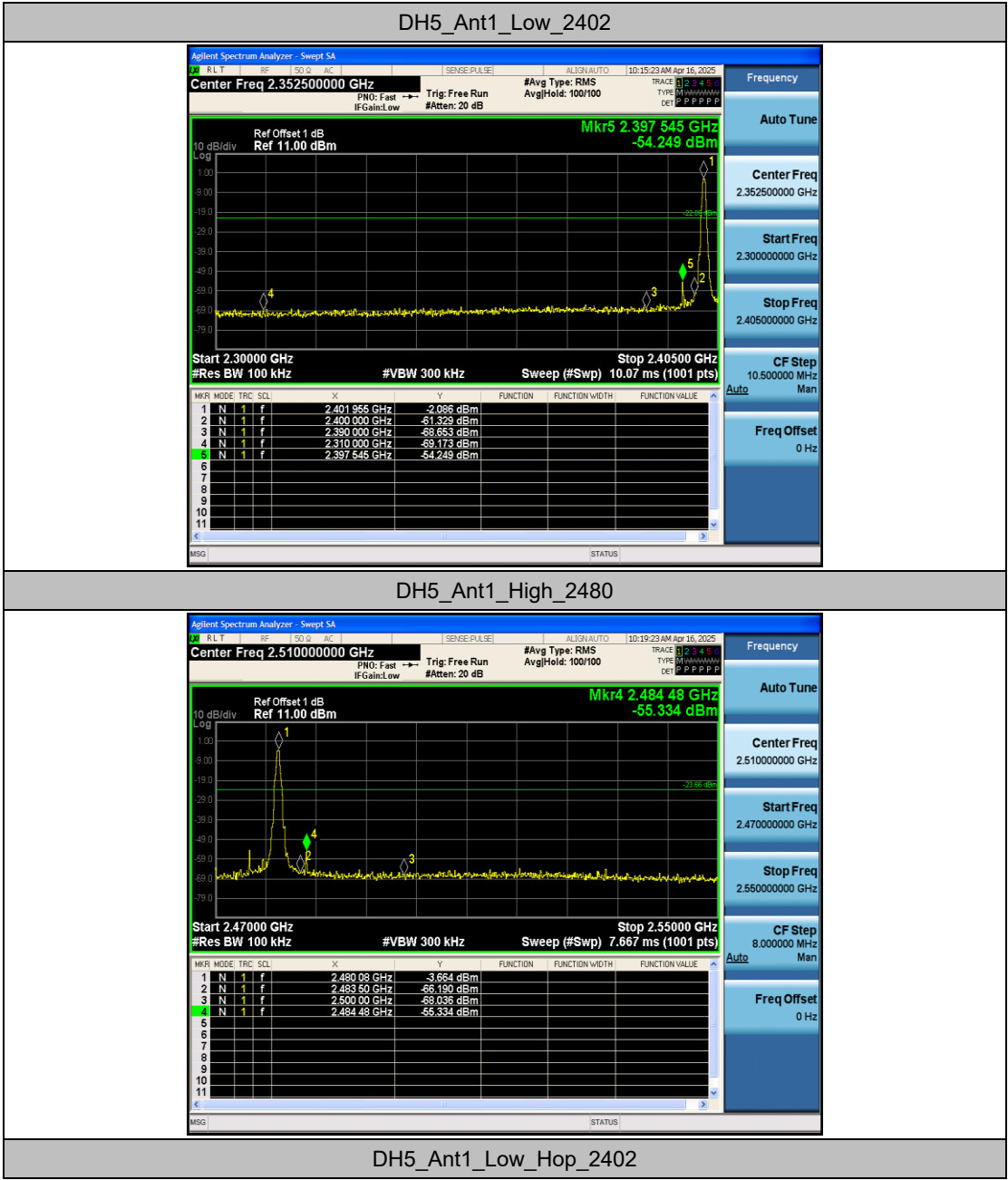


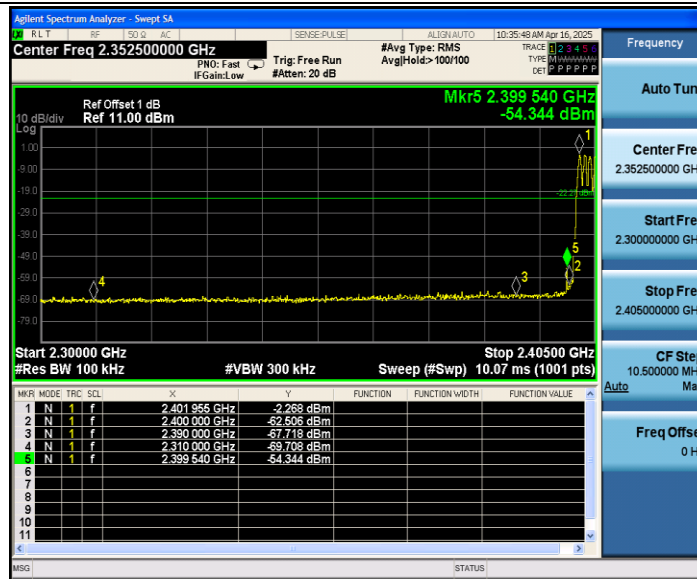
Appendix G: Band edge measurements

Test Result

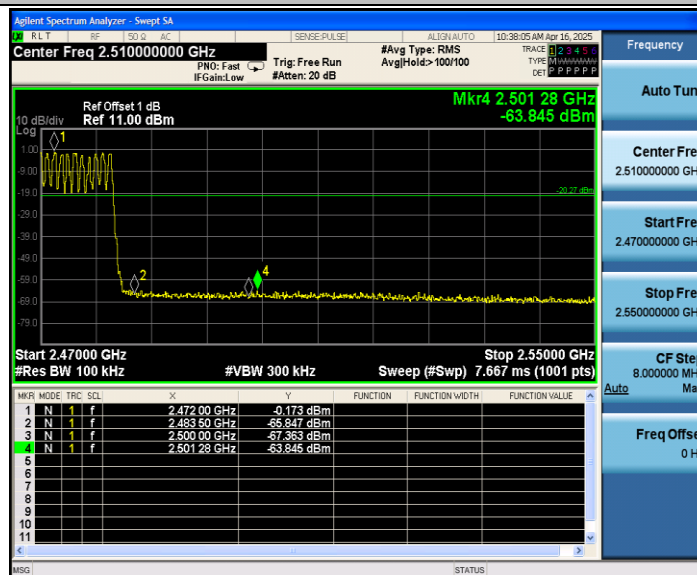
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-2.09	-54.25	≤-22.09	PASS
		High	2480	-3.66	-55.33	≤-23.66	PASS
		Low	Hop_2402	-2.27	-54.34	≤-22.27	PASS
		High	Hop_2480	-0.27	-63.85	≤-20.27	PASS
2DH5	Ant1	Low	2402	-6.18	-60.59	≤-26.18	PASS
		High	2480	-7.41	-60.46	≤-27.41	PASS
		Low	Hop_2402	-7.80	-65.69	≤-27.8	PASS
		High	Hop_2480	-3.96	-64.58	≤-23.96	PASS
3DH5	Ant1	Low	2402	-6.24	-57.41	≤-26.24	PASS
		High	2480	-6.90	-64.35	≤-26.9	PASS
		Low	Hop_2402	-7.44	-63.56	≤-27.44	PASS
		High	Hop_2480	-3.58	-63.64	≤-23.58	PASS

Test Graphs

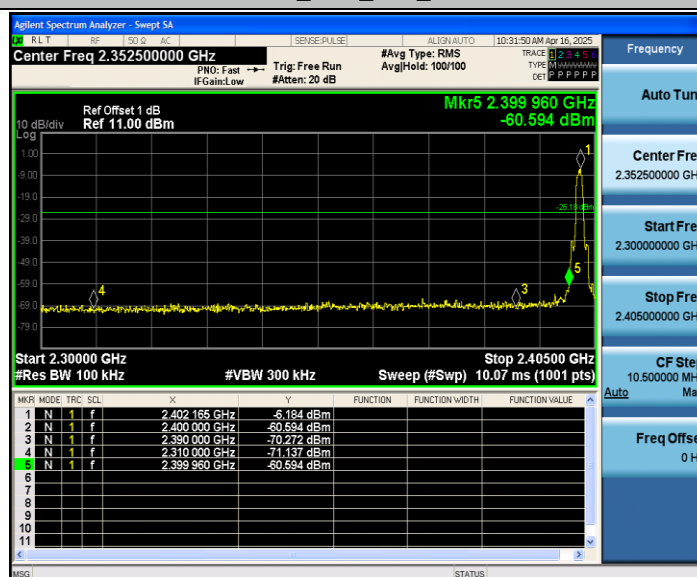




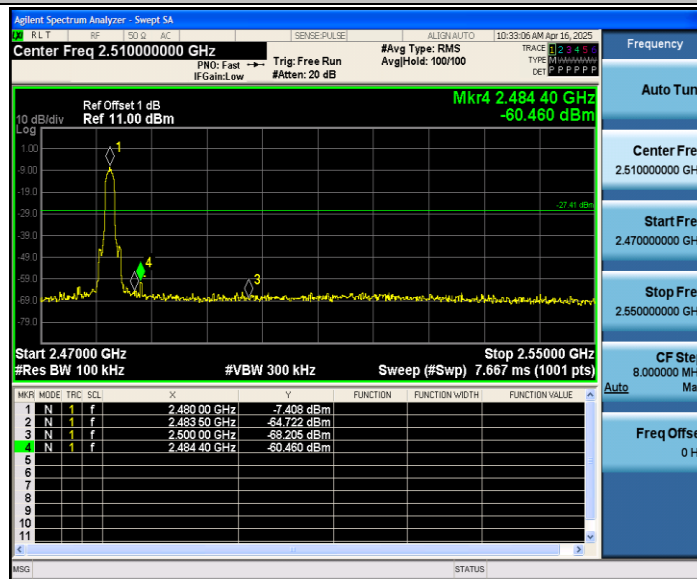
DH5_Ant1_High_Hop_2480



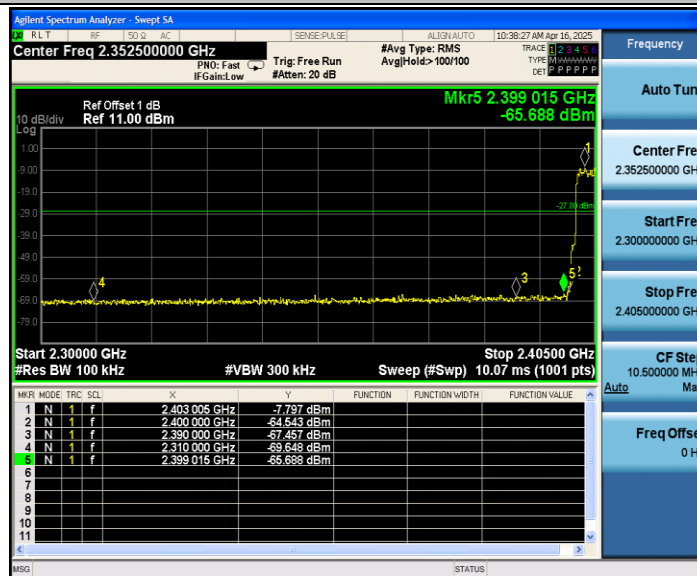
2DH5_Ant1_Low_2402



2DH5_Ant1_High_2480



2DH5_Ant1_Low_Hop_2402



2DH5_Ant1_High_Hop_2480