

FCC Appendix RF Test Data for BT

FCC ID : 2A3XN-SCORE8T

Company : Keefe Group

EUT : Tablet PC

Model Number : SCORE 814

Report No. : CTA26070300302

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	0.846	2401.511	2402.357	---	---
		2441	0.843	2440.514	2441.357	---	---
		2480	0.849	2479.508	2480.357	---	---
2DH5	Ant1	2402	1.260	2401.319	2402.579	---	---
		2441	1.281	2440.310	2441.591	---	---
		2480	1.269	2479.325	2480.594	---	---
3DH5	Ant1	2402	1.284	2401.292	2402.576	---	---
		2441	1.266	2440.307	2441.573	---	---
		2480	1.263	2479.301	2480.564	---	---

Test Graphs

DH5_Ant1_2402



DH5_Ant1_2441



DH5_Ant1_2480



2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



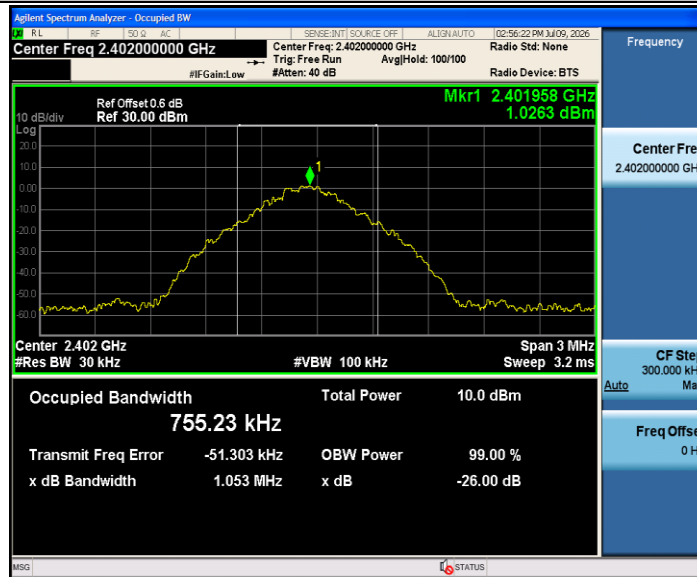
Appendix B: Occupied Channel Bandwidth

Test Result

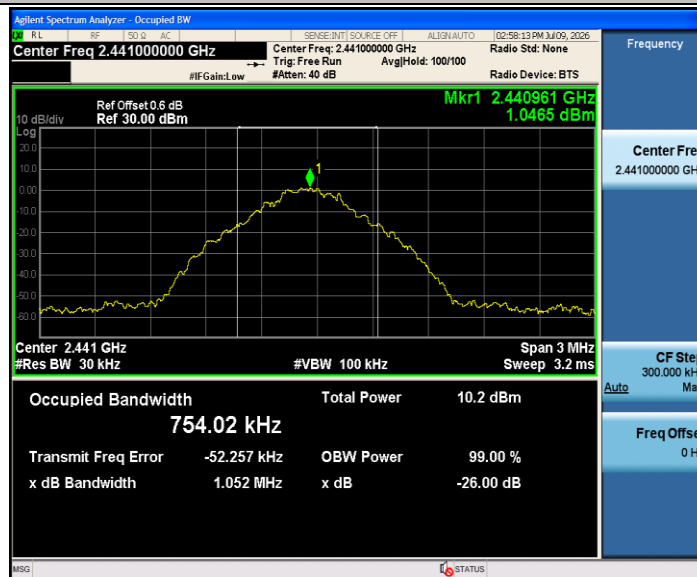
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.75523	2401.5711	2402.3263	---	---
		2441	0.75402	2440.5707	2441.3248	---	---
		2480	0.75691	2479.5659	2480.3228	---	---
2DH5	Ant1	2402	1.1765	2401.3537	2402.5302	---	---
		2441	1.1640	2440.3595	2441.5235	---	---
		2480	1.1659	2479.3577	2480.5236	---	---
3DH5	Ant1	2402	1.1600	2401.3668	2402.5268	---	---
		2441	1.1622	2440.3668	2441.5290	---	---
		2480	1.1582	2479.3642	2480.5224	---	---

Test Graphs

DH5_Ant1_2402



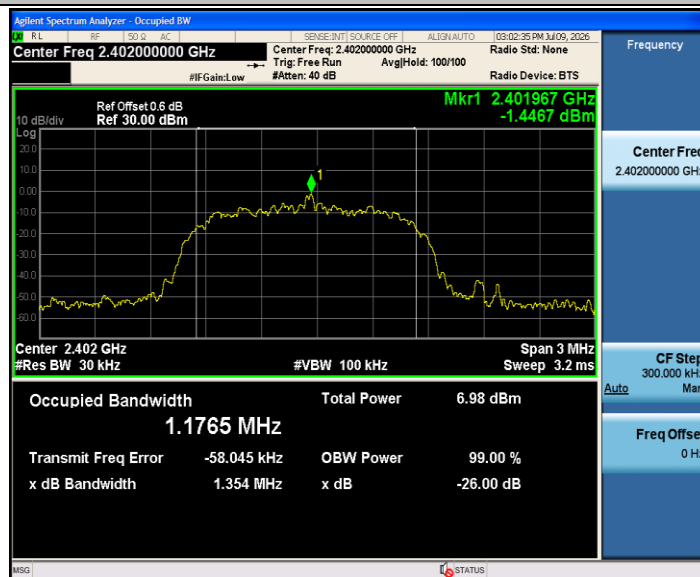
DH5_Ant1_2441



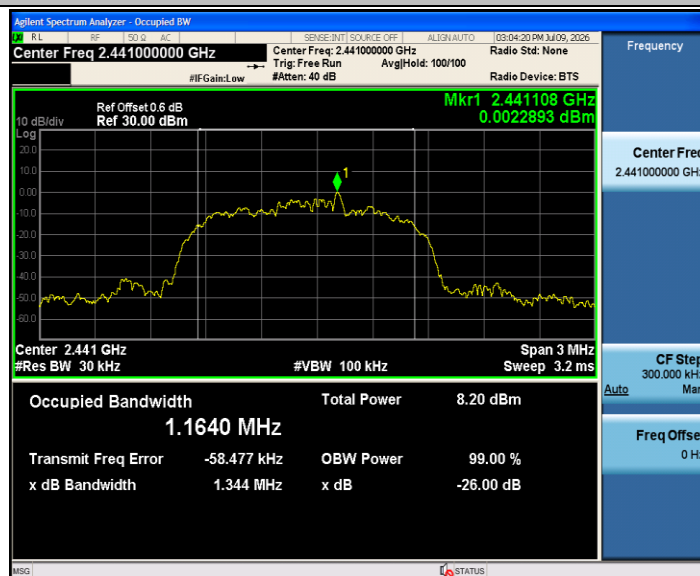
DH5_Ant1_2480



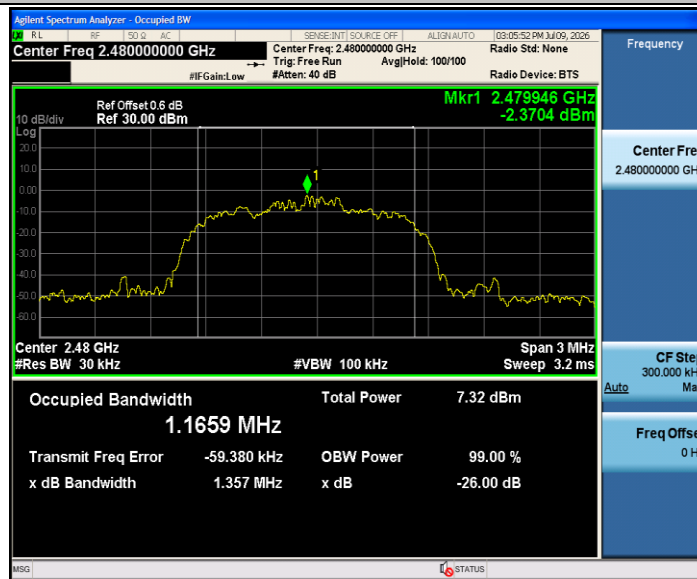
2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



Appendix C: Maximum conducted output power

Test Result Peak

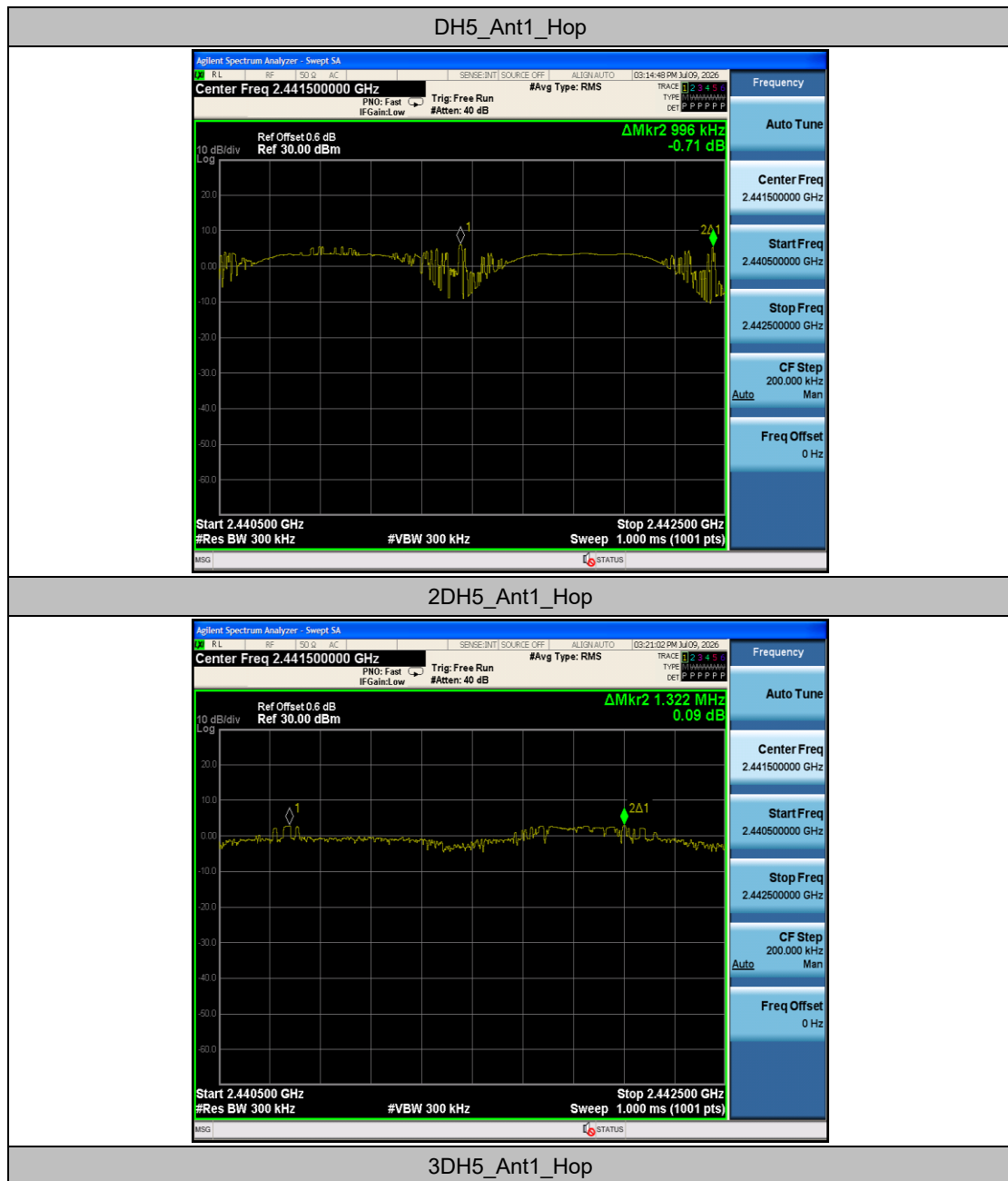
Test Mode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	3.47	≤20.97	PASS
		2441	3.91	≤20.97	PASS
		2480	3.27	≤20.97	PASS
2DH5	Ant1	2402	2.73	≤20.97	PASS
		2441	3.07	≤20.97	PASS
		2480	2.56	≤20.97	PASS
3DH5	Ant1	2402	2.72	≤20.97	PASS
		2441	3.10	≤20.97	PASS
		2480	2.57	≤20.97	PASS

Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.996	≥ 0.566	PASS
2DH5	Ant1	Hop	1.322	≥ 1.281	PASS
3DH5	Ant1	Hop	0.992	≥ 0.856	PASS

Test Graphs



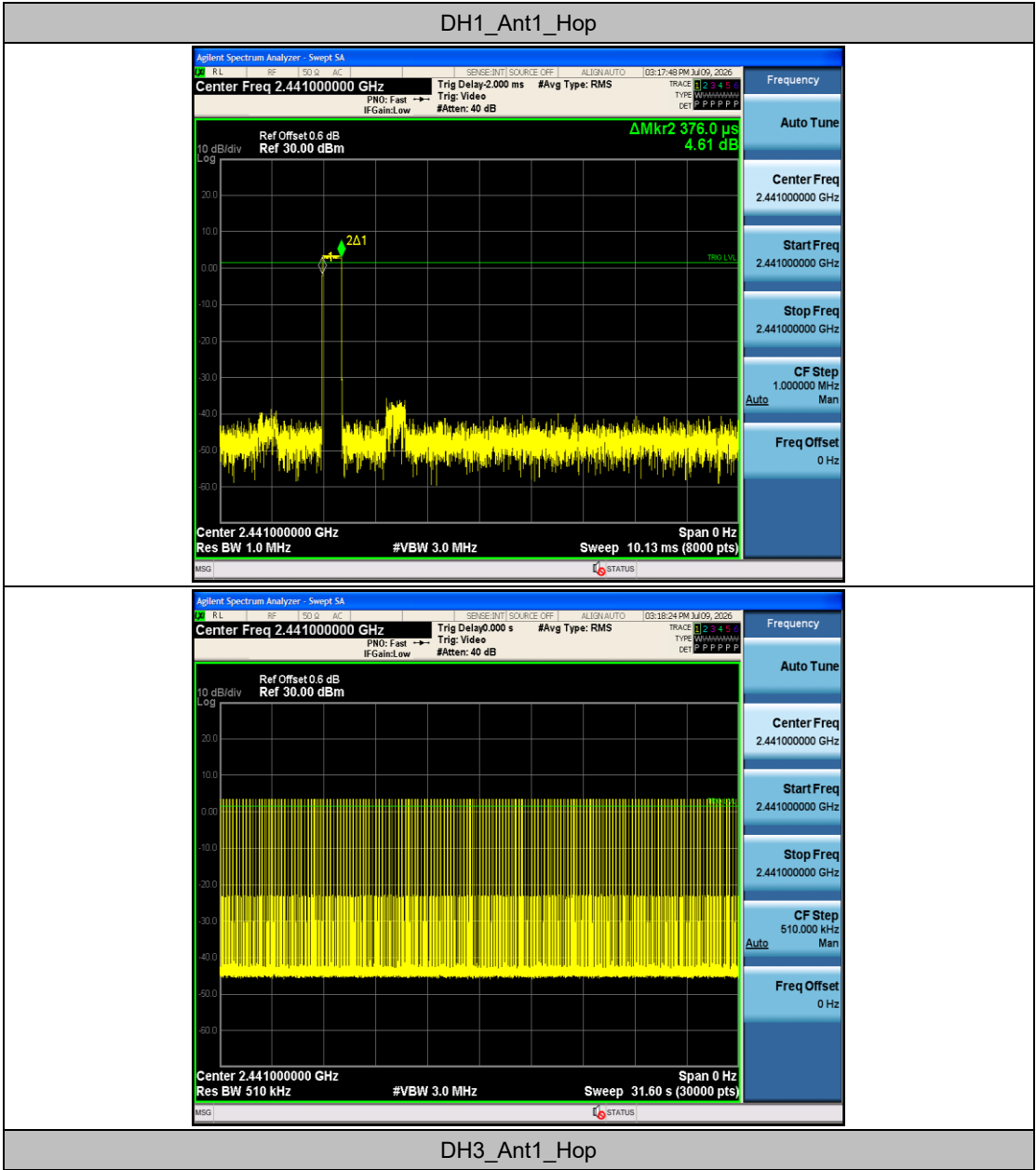


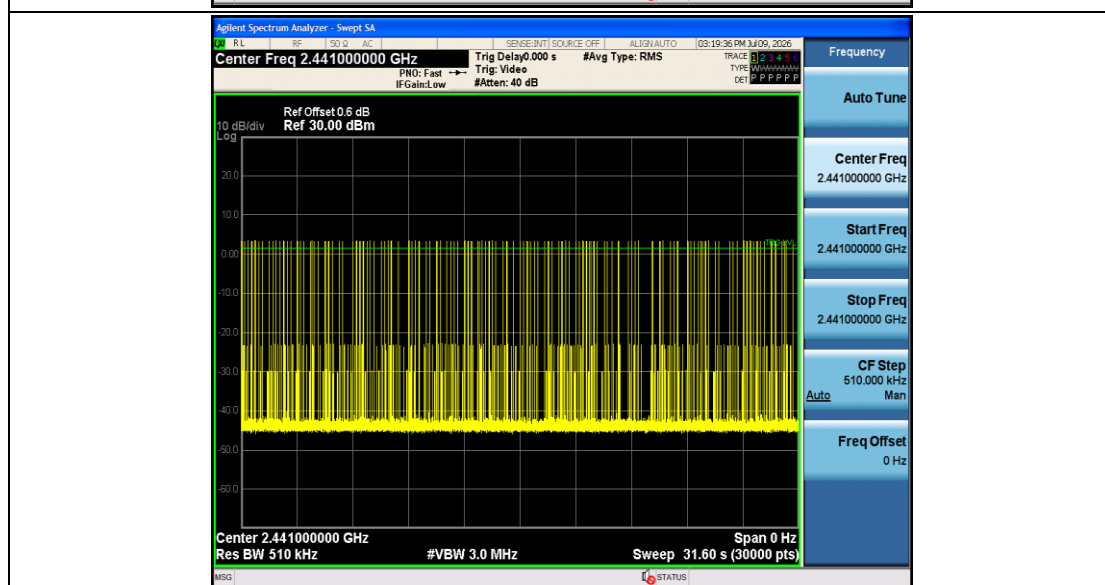
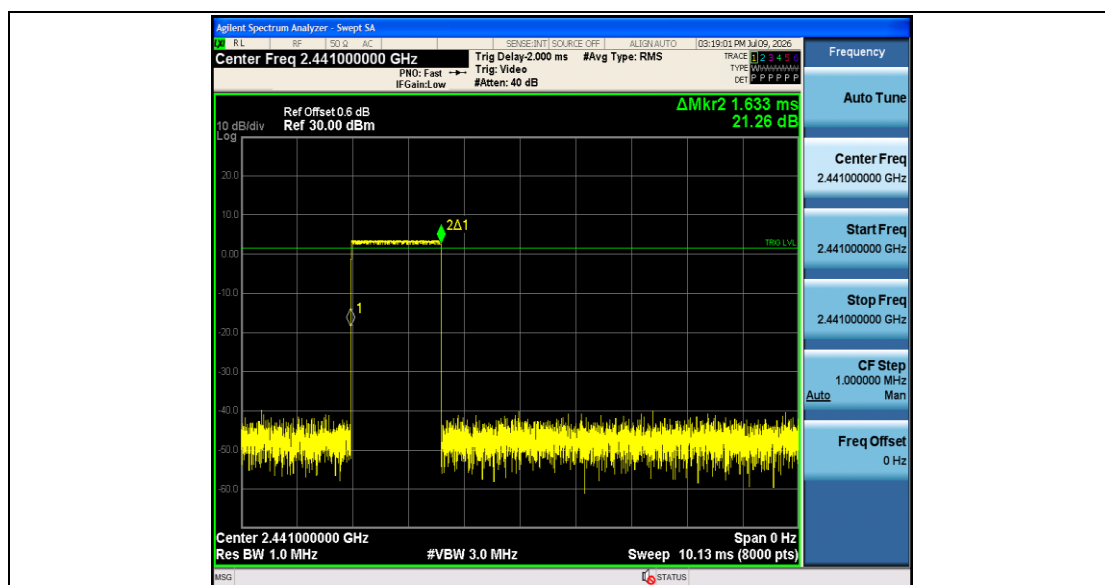
Appendix E: Time of occupancy

Test Result

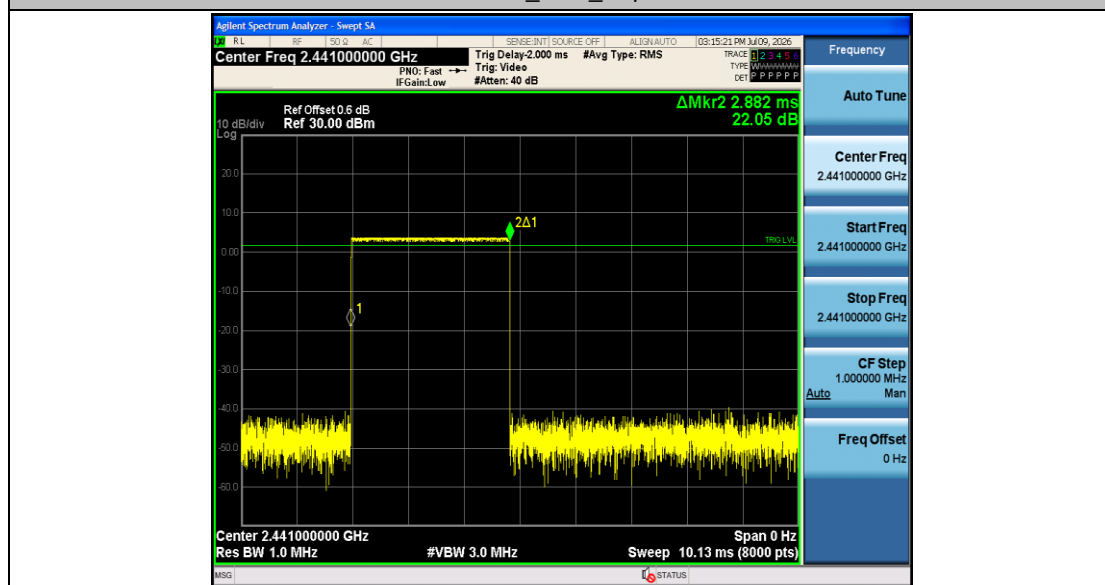
TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.376	313	0.118	≤0.4	PASS
DH3	Ant1	Hop	1.633	159	0.26	≤0.4	PASS
DH5	Ant1	Hop	2.882	110	0.317	≤0.4	PASS
2DH1	Ant1	Hop	0.384	313	0.12	≤0.4	PASS
2DH3	Ant1	Hop	1.635	159	0.26	≤0.4	PASS
2DH5	Ant1	Hop	2.884	102	0.294	≤0.4	PASS
3DH1	Ant1	Hop	0.385	314	0.121	≤0.4	PASS
3DH3	Ant1	Hop	1.635	158	0.258	≤0.4	PASS
3DH5	Ant1	Hop	1.635	114	0.186	≤0.4	PASS

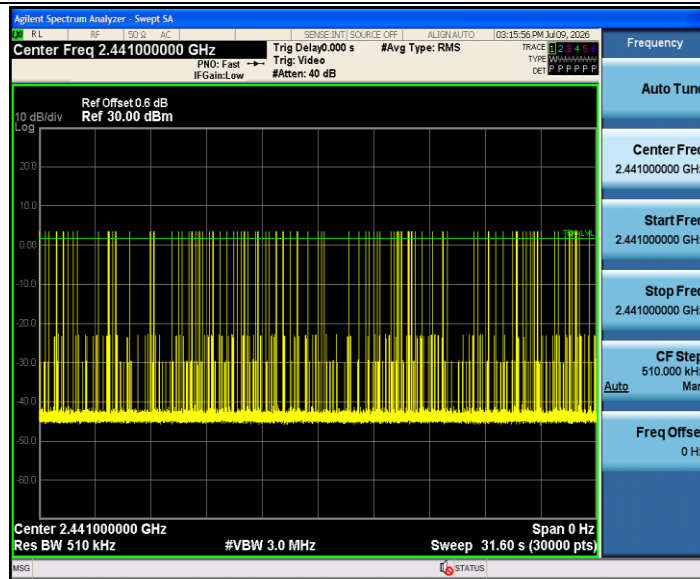
Test Graphs



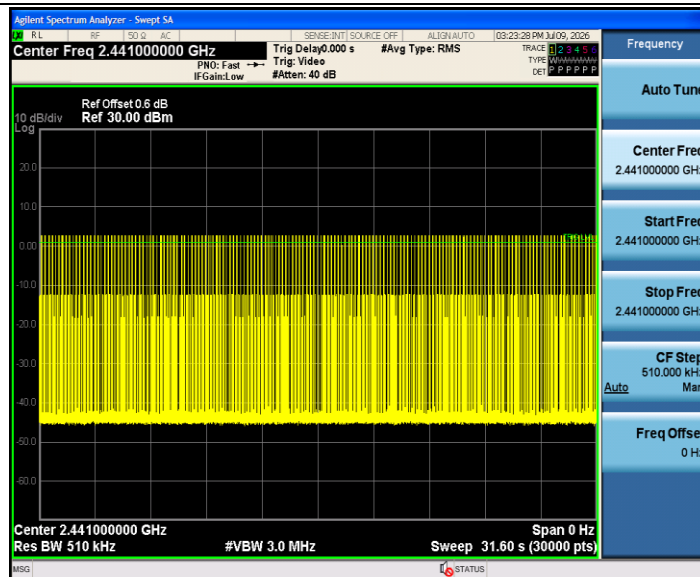
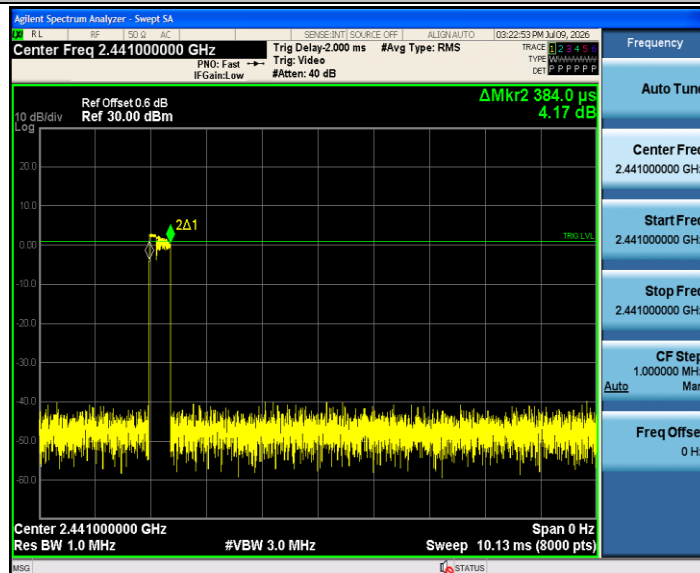


DH5_Ant1_Hop

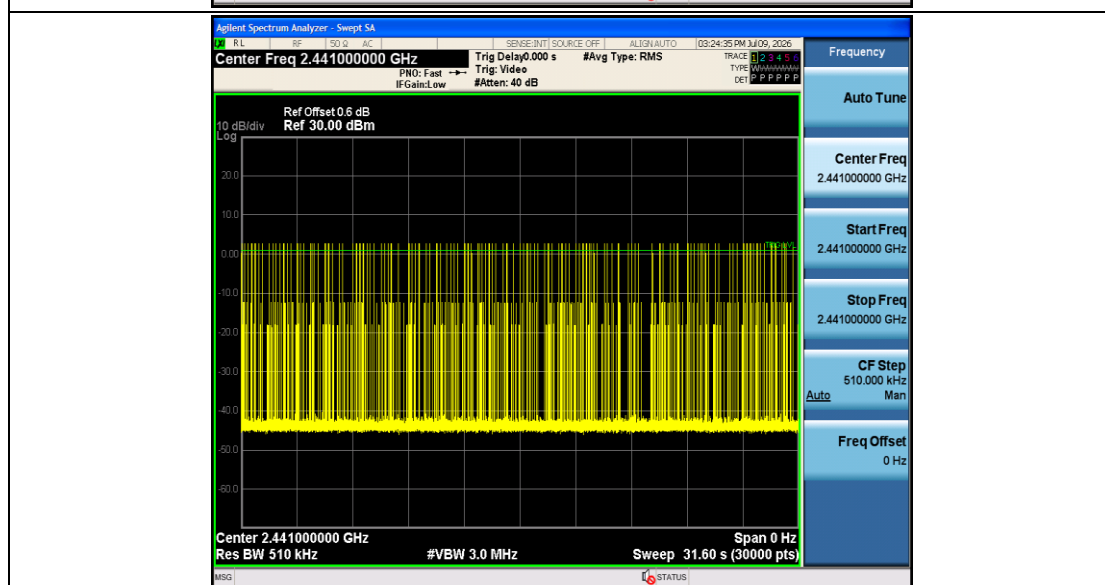
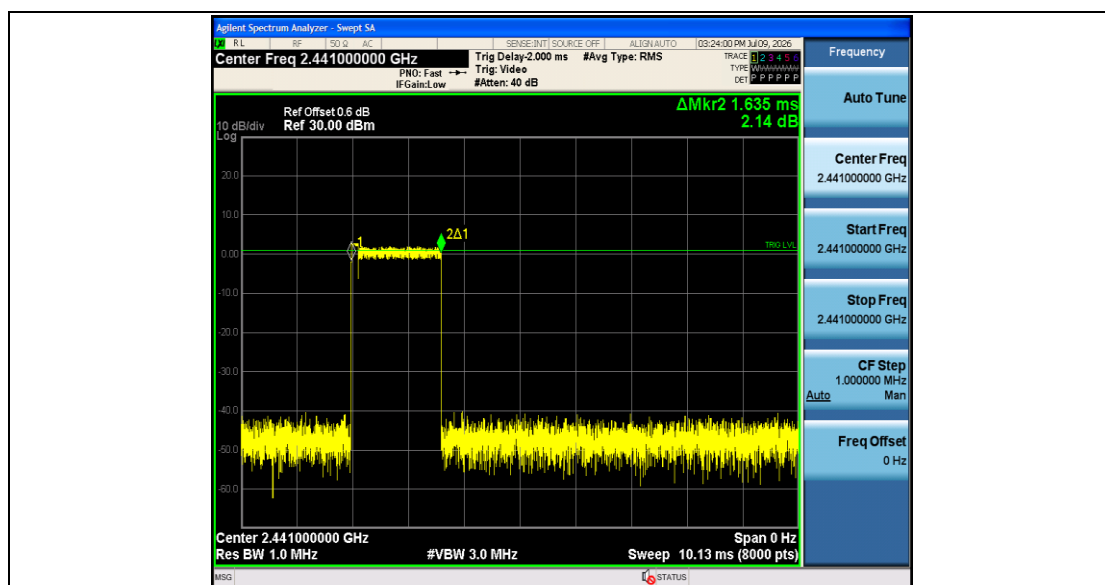




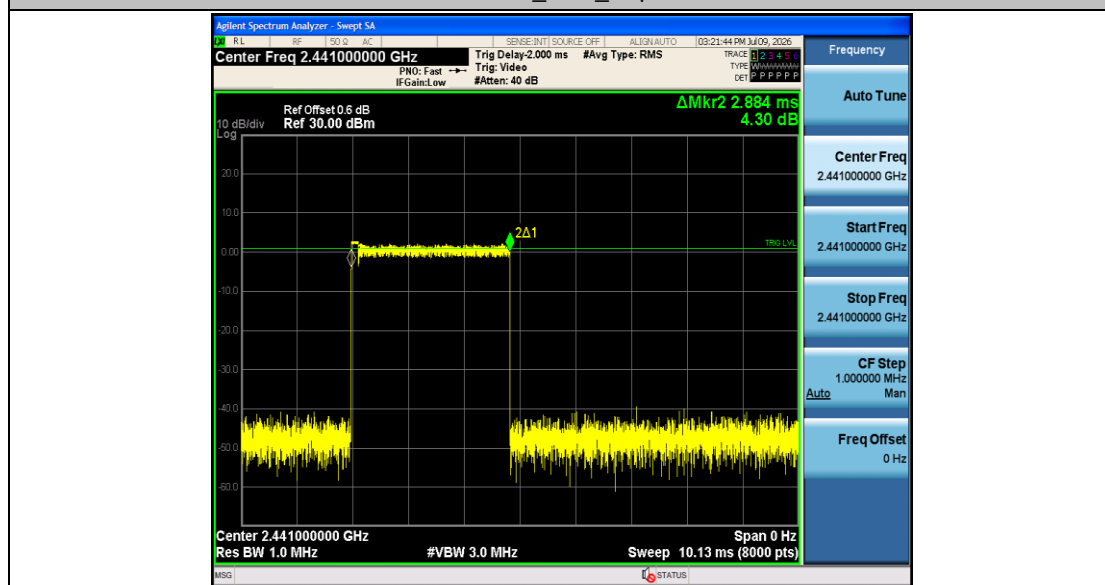
2DH1_Ant1_Hop

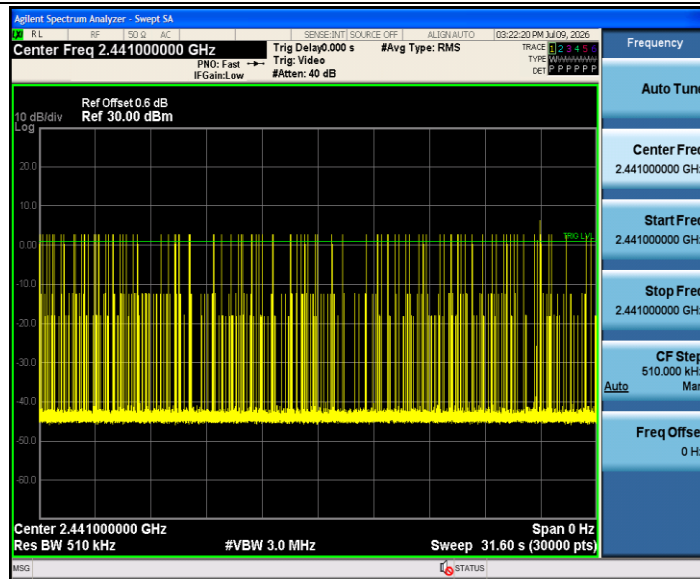


2DH3_Ant1_Hop

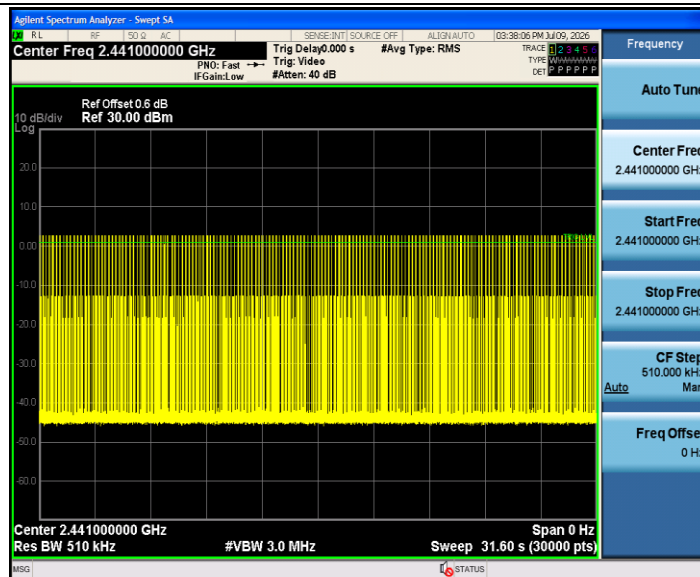
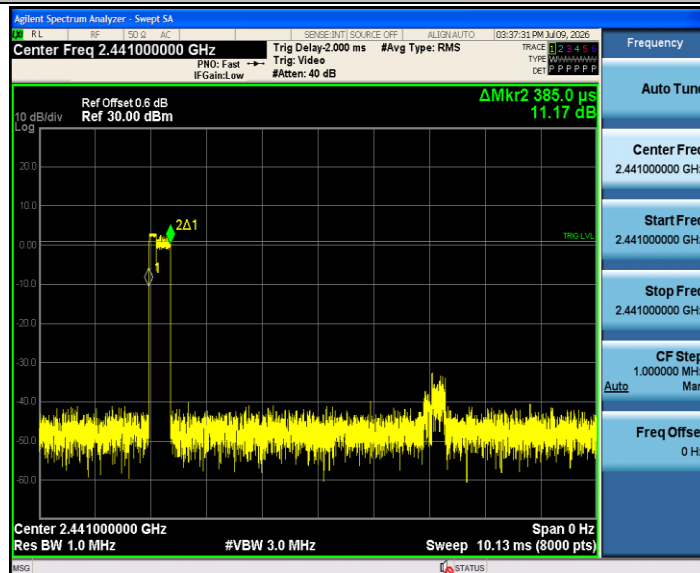


2DH5_Ant1_Hop

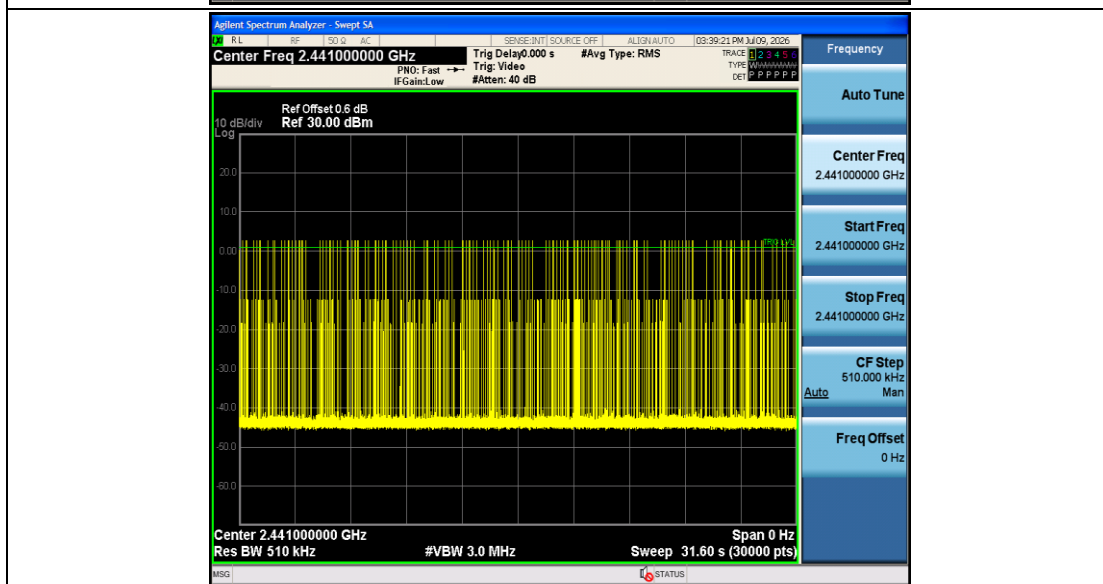
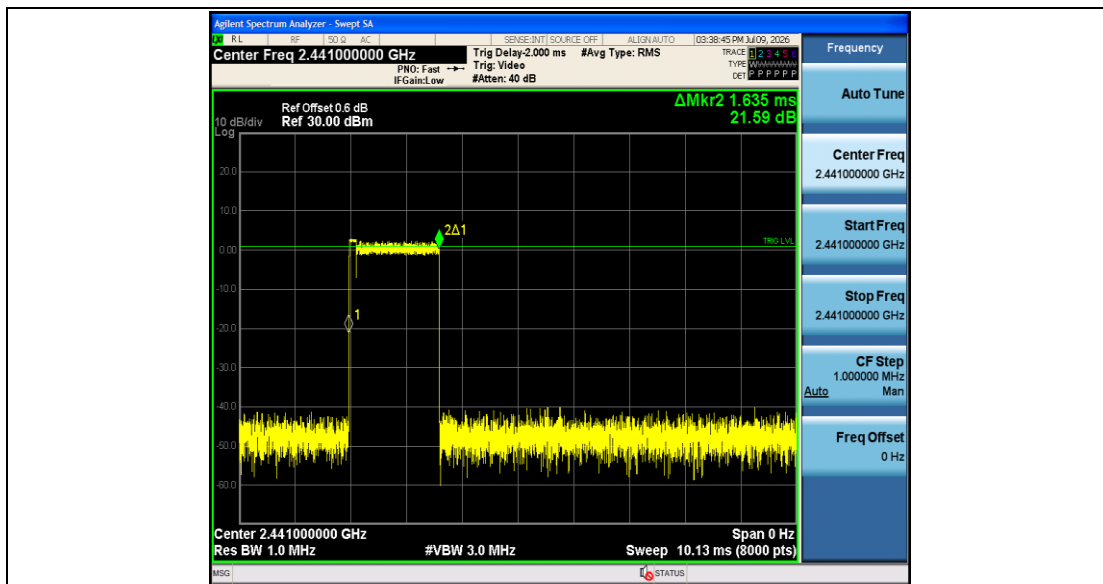




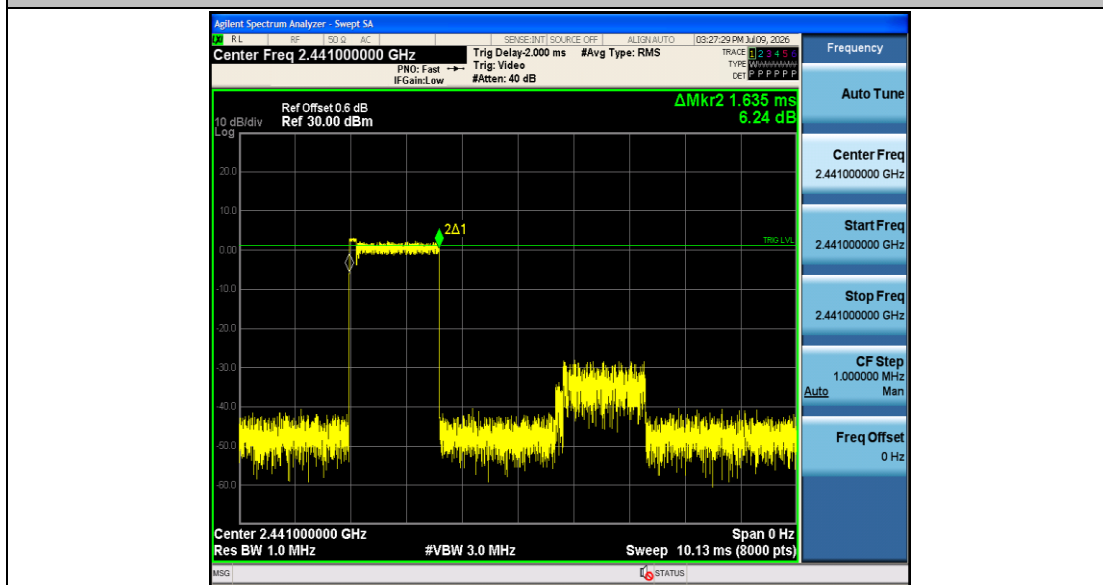
3DH1_Ant1_Hop

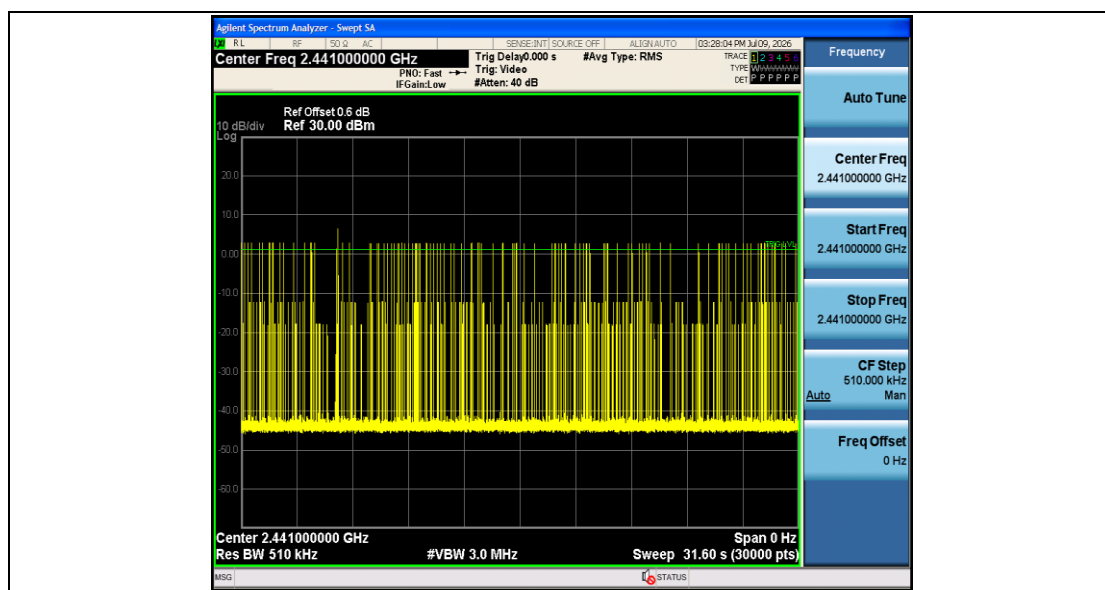


3DH3_Ant1_Hop



3DH5_Ant1_Hop



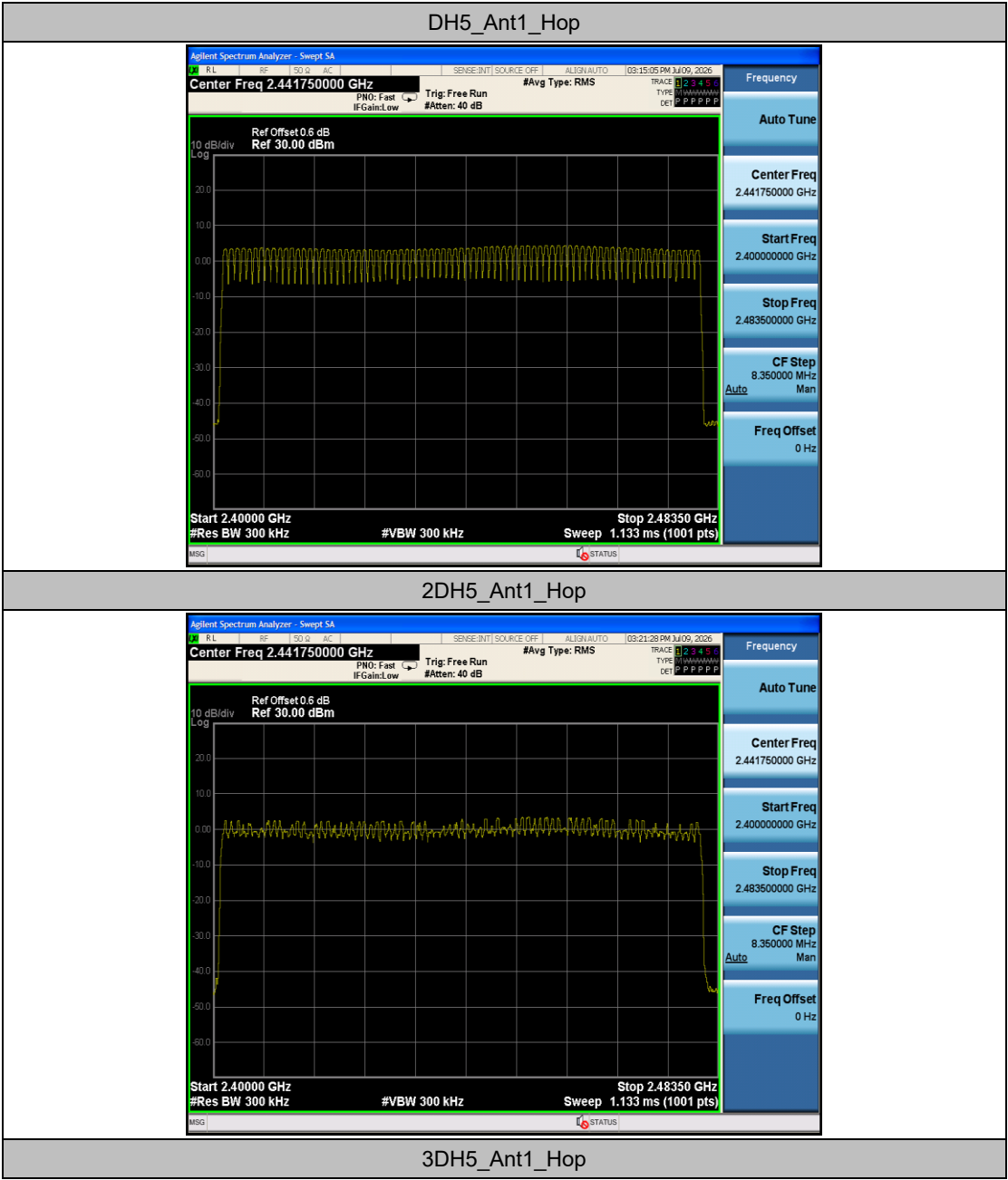


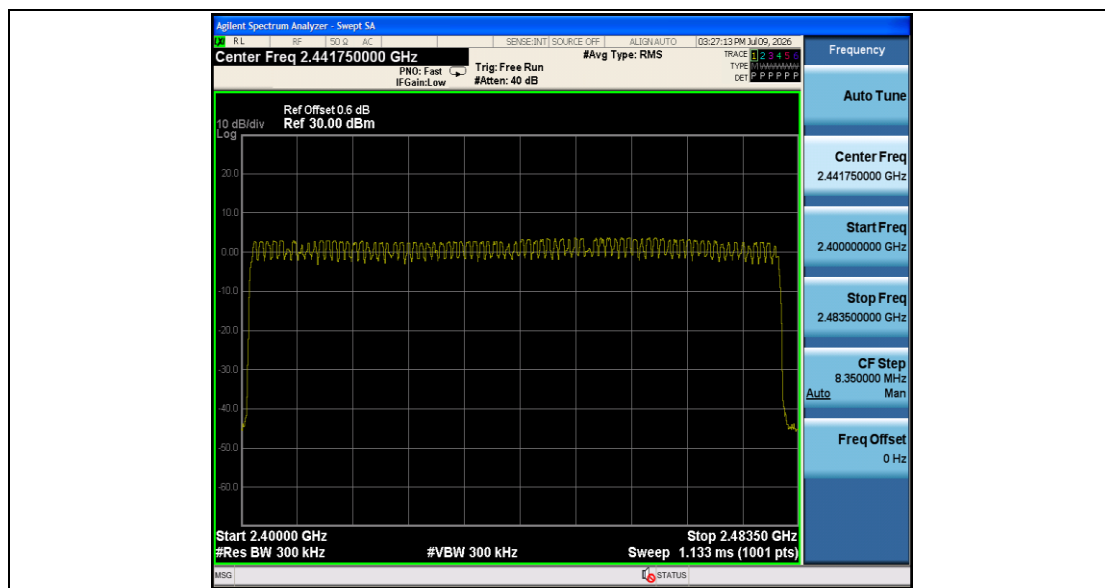
Appendix F: Number of hopping channels

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



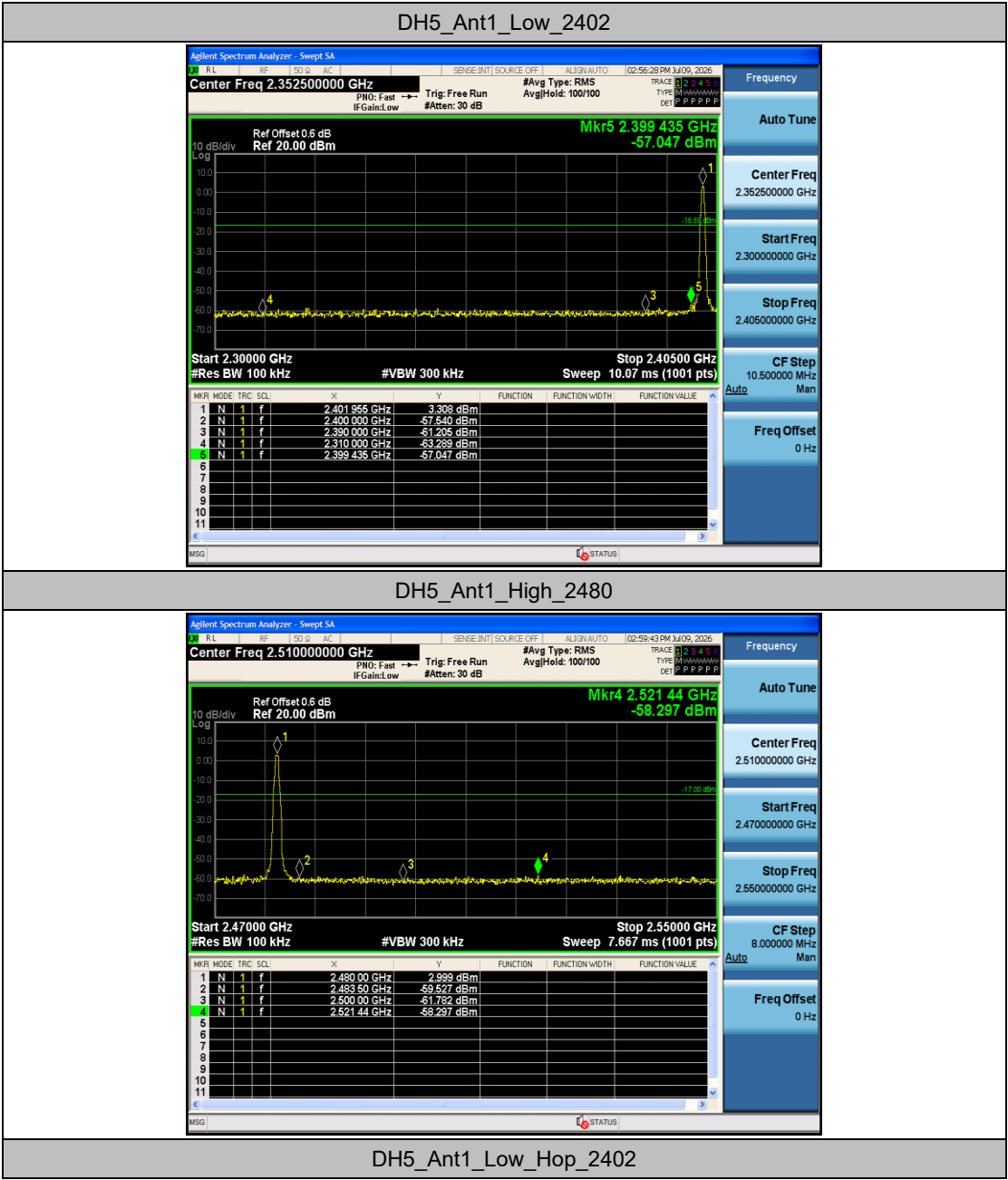


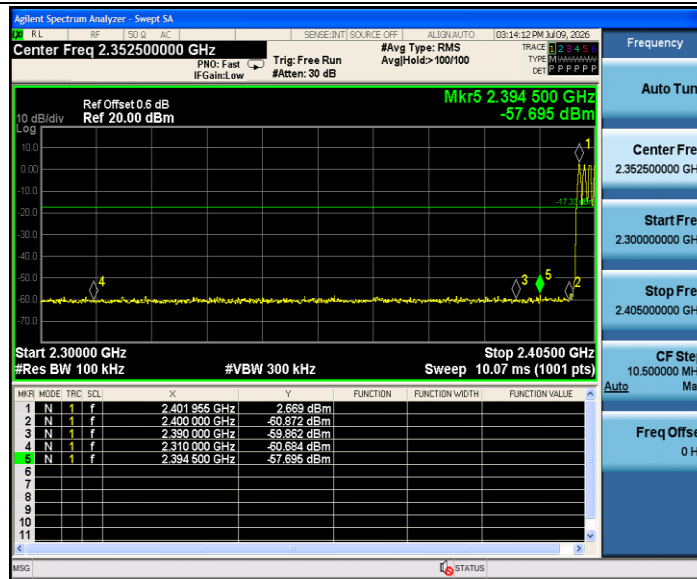
Appendix G: Band edge measurements

Test Result

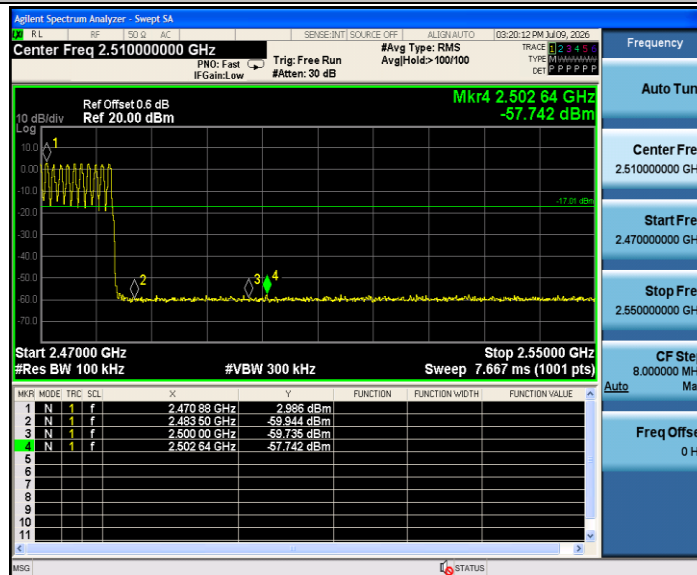
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	3.31	-57.05	≤ -16.69	PASS
		High	2480	3.00	-58.3	≤ -17	PASS
		Low	Hop_2402	2.67	-57.7	≤ -17.33	PASS
		High	Hop_2480	2.99	-57.74	≤ -17.01	PASS
2DH5	Ant1	Low	2402	2.12	-58.74	≤ -17.88	PASS
		High	2480	0.20	-58.2	≤ -19.8	PASS
		Low	Hop_2402	-4.66	-58.29	≤ -24.66	PASS
		High	Hop_2480	-3.32	-57.73	≤ -23.32	PASS
3DH5	Ant1	Low	2402	1.20	-58.8	≤ -18.8	PASS
		High	2480	0.19	-57.56	≤ -19.82	PASS
		Low	Hop_2402	-0.29	-58.25	≤ -20.29	PASS
		High	Hop_2480	0.60	-57.32	≤ -19.4	PASS

Test Graphs

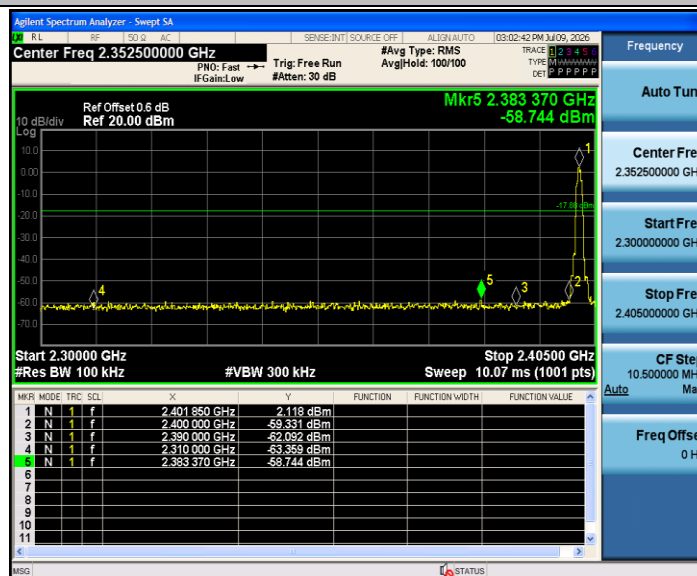




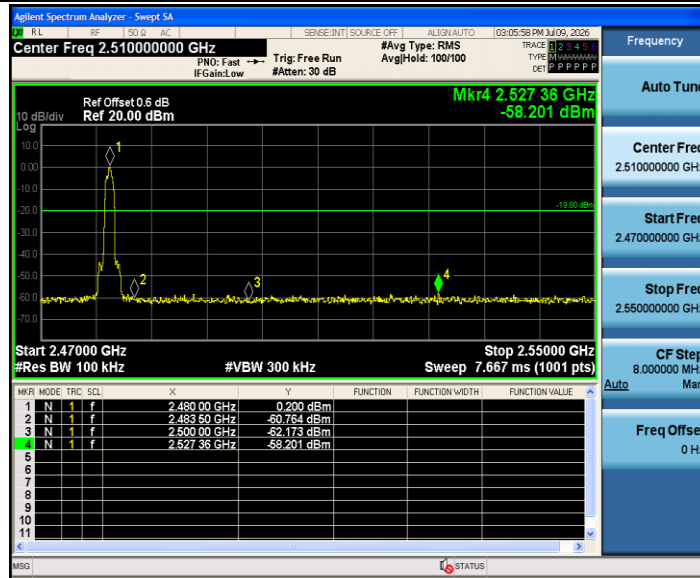
DH5_Ant1_High_Hop_2480



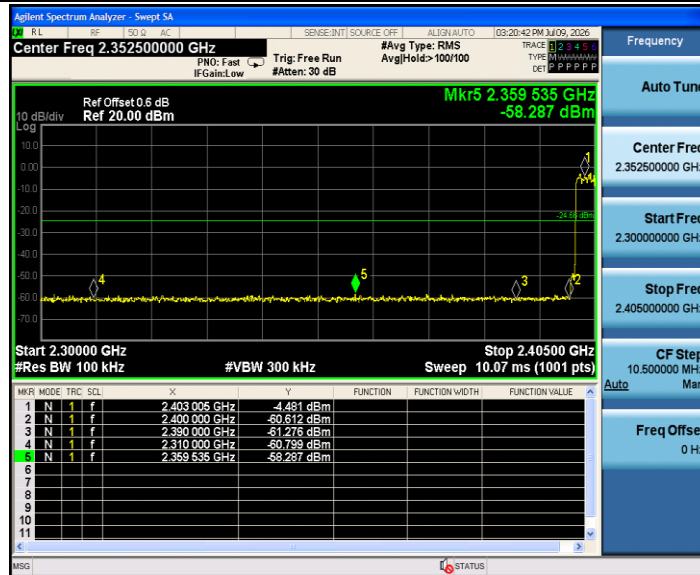
2DH5_Ant1_Low_2402



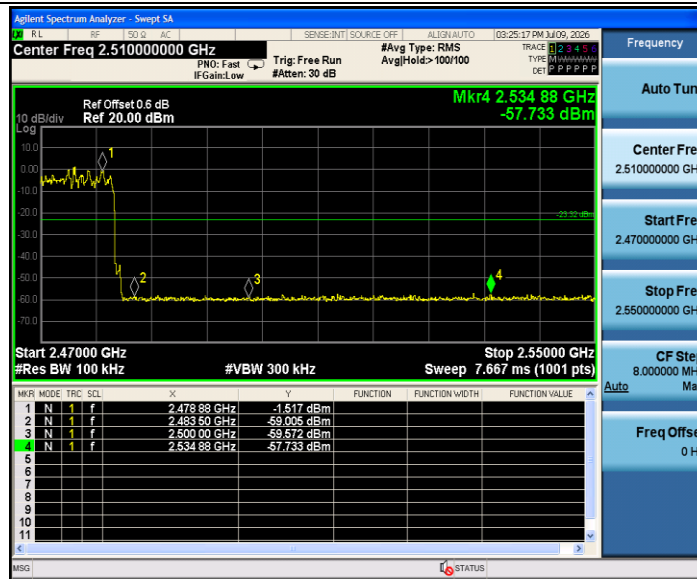
2DH5_Ant1_High_2480



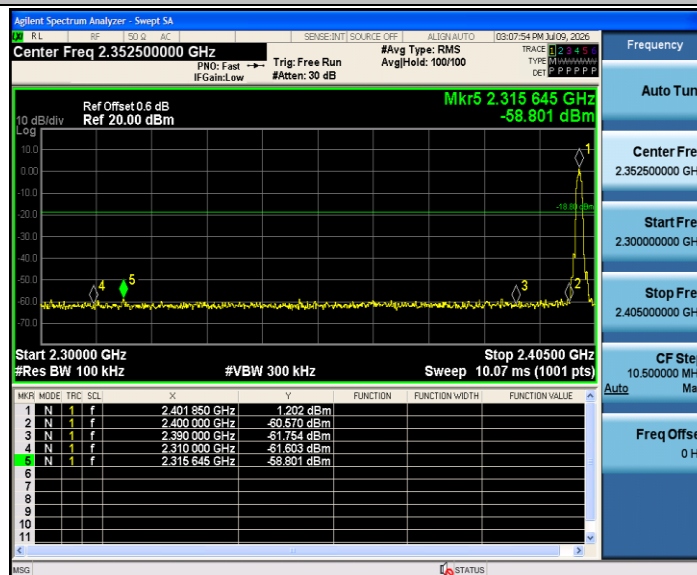
2DH5_Ant1_Low_Hop_2402



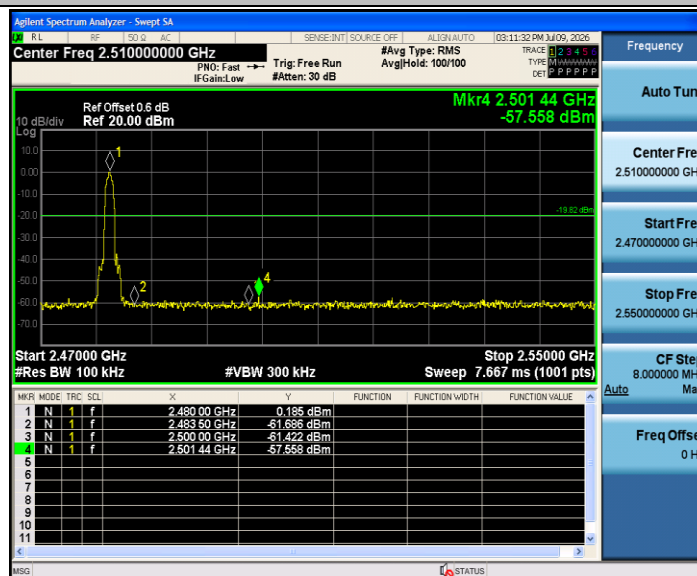
2DH5_Ant1_High_Hop_2480



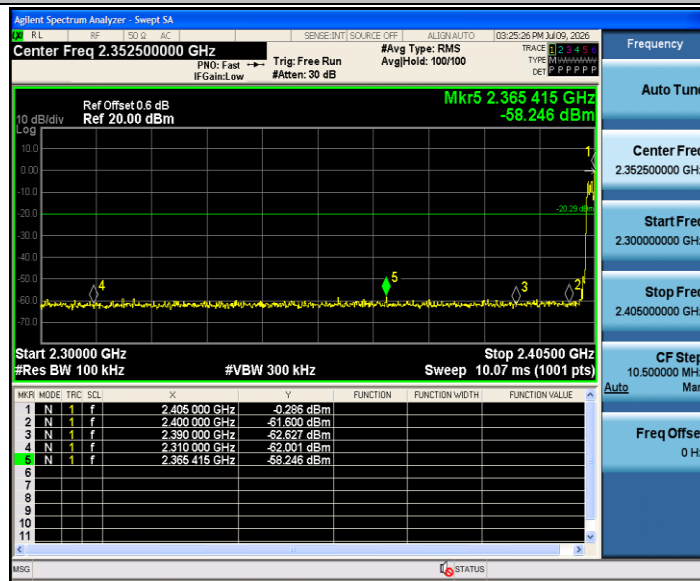
3DH5_Ant1_Low_2402



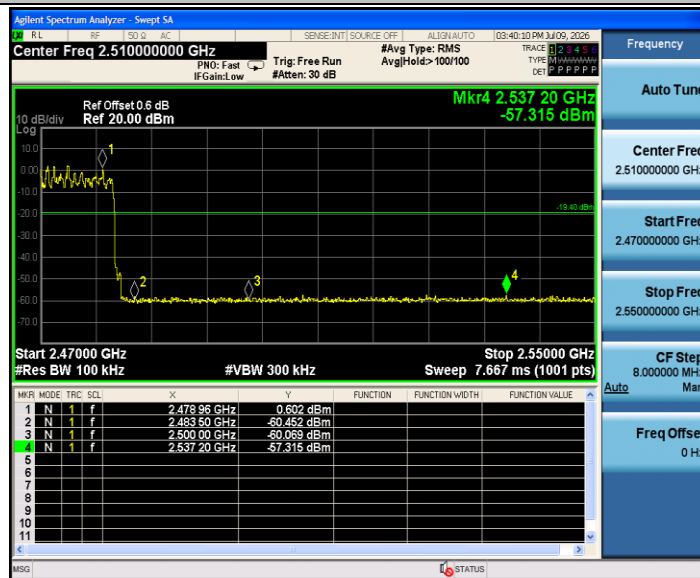
3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480

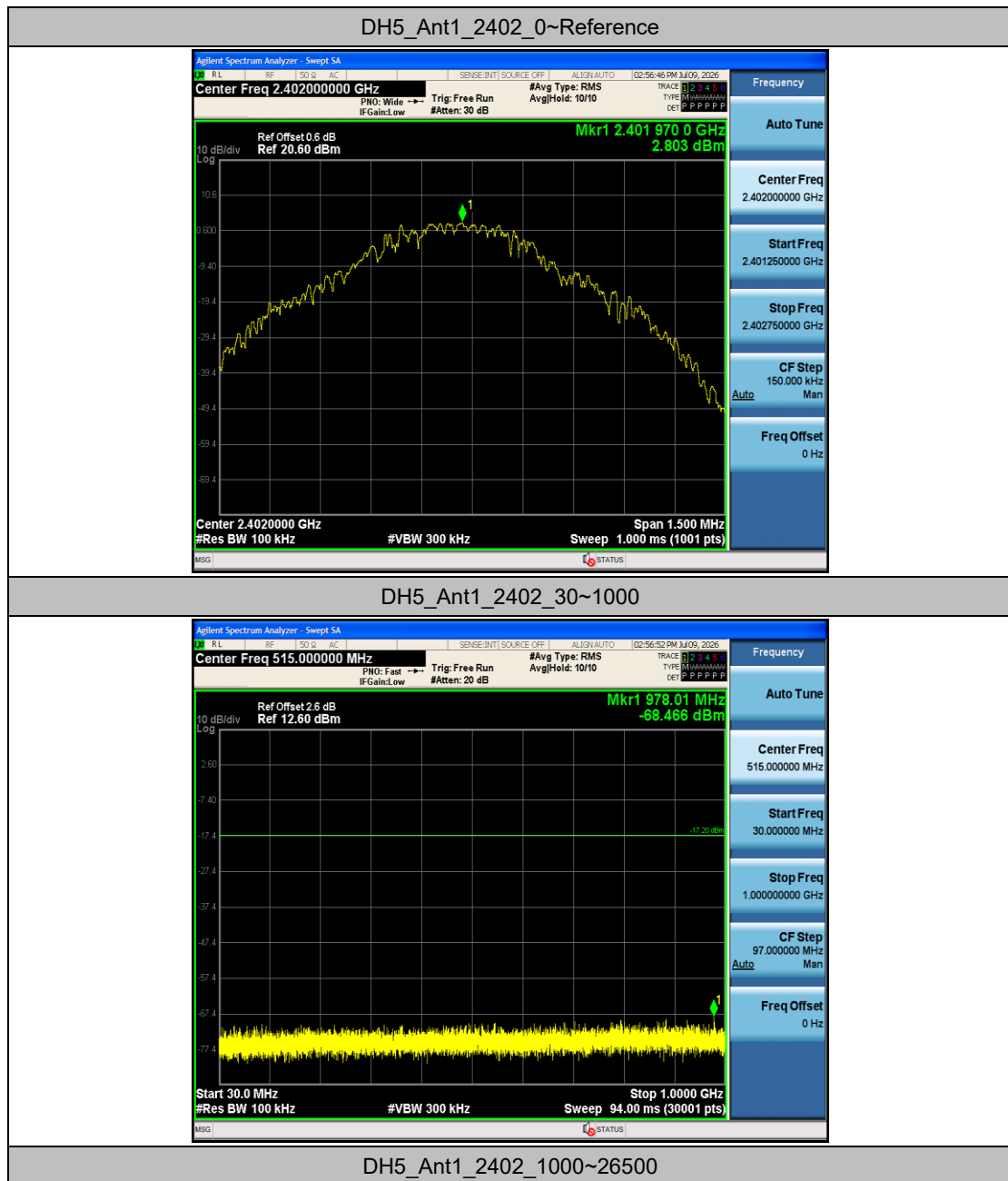


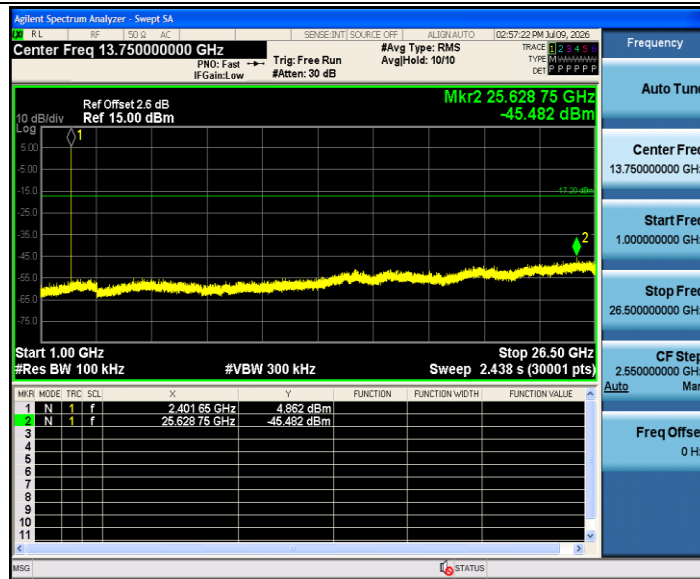
Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	2.80	2.80	---	PASS
			30~1000	2.80	-68.47	≤-17.2	PASS
			1000~26500	2.80	-45.48	≤-17.2	PASS
		2441	Reference	2.96	2.96	---	PASS
			30~1000	2.96	-68.88	≤-17.04	PASS
			1000~26500	2.96	-46.74	≤-17.04	PASS
		2480	Reference	2.46	2.46	---	PASS
			30~1000	2.46	-69.28	≤-17.54	PASS
			1000~26500	2.46	-46.88	≤-17.54	PASS
2DH5	Ant1	2402	Reference	-3.53	-3.53	---	PASS
			30~1000	-3.53	-68.17	≤-23.53	PASS
			1000~26500	-3.53	-45.34	≤-23.53	PASS
		2441	Reference	2.15	2.15	---	PASS
			30~1000	2.15	-68.96	≤-17.85	PASS
			1000~26500	2.15	-47.12	≤-17.85	PASS
		2480	Reference	-3.11	-3.11	---	PASS
			30~1000	-3.11	-69.08	≤-23.11	PASS
			1000~26500	-3.11	-46.36	≤-23.11	PASS
3DH5	Ant1	2402	Reference	-3.43	-3.43	---	PASS
			30~1000	-3.43	-68.76	≤-23.43	PASS
			1000~26500	-3.43	-45.68	≤-23.43	PASS
		2441	Reference	1.38	1.38	---	PASS
			30~1000	1.38	-68.78	≤-18.62	PASS
			1000~26500	1.38	-45.82	≤-18.62	PASS
		2480	Reference	-2.08	-2.08	---	PASS
			30~1000	-2.08	-69.1	≤-22.08	PASS
			1000~26500	-2.08	-46.36	≤-22.08	PASS

Test Graphs





DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000

