

Case No. : <u>GTS20251215008-1-01</u>
Ambient Condition: <u>21</u> °C, <u>48</u> %RH
According Standard: <u>■Part15C</u>
Test Date: <u>2026.2.30-2026.7.31</u> Test Engineer: <u>Evan ouyang</u>

AppendixA.1: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	0.963	2401.517	2402.480	---	---
		2441	0.966	2440.514	2441.480	---	---
		2480	0.963	2479.511	2480.474	---	---
2DH1	Ant1	2402	1.368	2401.298	2402.666	---	---
		2441	1.365	2440.304	2441.669	---	---
		2480	1.365	2479.301	2480.666	---	---
3DH1	Ant1	2402	1.353	2401.304	2402.657	---	---
		2441	1.353	2440.304	2441.657	---	---
		2480	1.353	2479.304	2480.657	---	---

Test Graphs

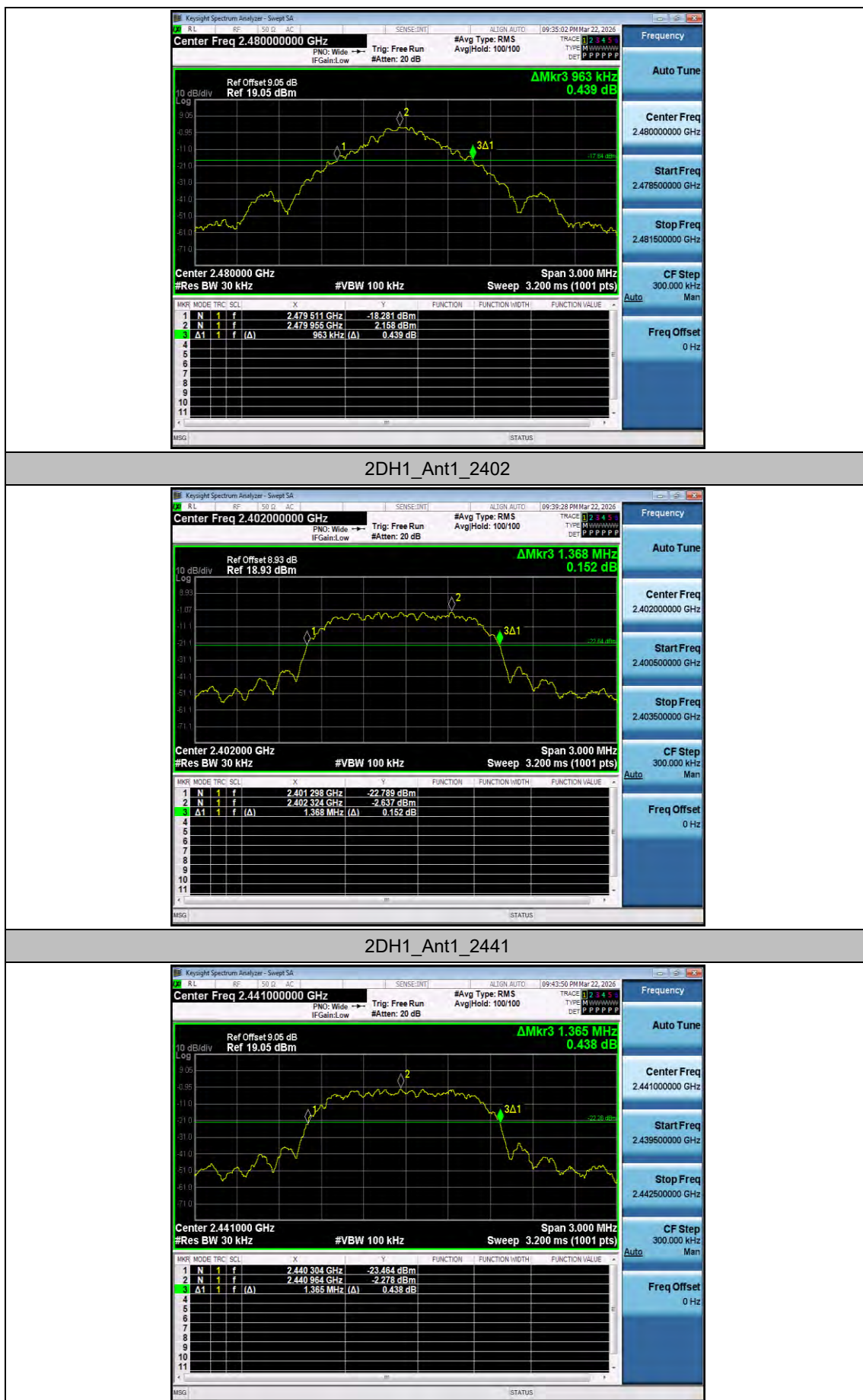
DH1_Ant1_2402



DH1_Ant1_2441



DH1_Ant1_2480



2DH1_Ant1_2480



3DH1_Ant1_2402



3DH1_Ant1_2441



3DH1_Ant1_2480



AppendixA.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	0.88409	2401.5410	2402.4250	---	---
		2441	0.88645	2440.5390	2441.4255	---	---
		2480	0.88502	2479.5383	2480.4233	---	---
2DH1	Ant1	2402	1.1950	2401.3860	2402.5810	---	---
		2441	1.1971	2440.3844	2441.5815	---	---
		2480	1.1957	2479.3839	2480.5796	---	---
3DH1	Ant1	2402	1.2013	2401.3743	2402.5756	---	---
		2441	1.2009	2440.3738	2441.5747	---	---
		2480	1.2004	2479.3738	2480.5742	---	---

Test Graphs

DH1_Ant1_2402



DH1_Ant1_2441



DH1_Ant1_2480



2DH1_Ant1_2402



2DH1_Ant1_2441



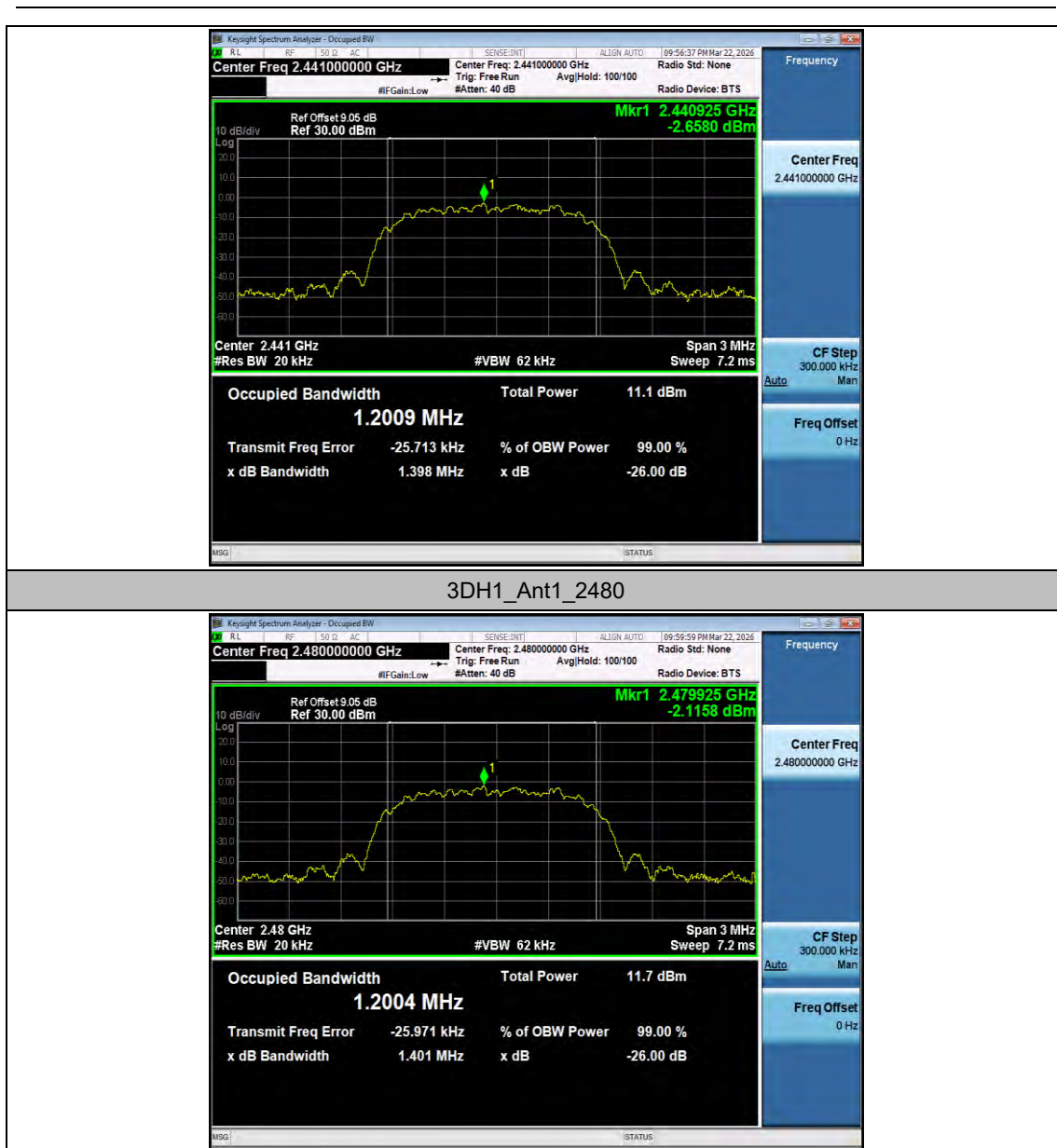
2DH1_Ant1_2480



3DH1_Ant1_2402



3DH1_Ant1_2441



AppendixA.3: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH1	Ant1	2402	5.37	≤ 20.97	PASS
		2441	5.61	≤ 20.97	PASS
		2480	6.13	≤ 20.97	PASS
2DH1	Ant1	2402	7.57	≤ 20.97	PASS
		2441	7.74	≤ 20.97	PASS
		2480	8.91	≤ 20.97	PASS
3DH1	Ant1	2402	8.63	≤ 20.97	PASS
		2441	8.86	≤ 20.97	PASS
		2480	8.99	≤ 20.97	PASS

AppendixA.4: Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH1	Ant1	Hop_2402	0.844	≥ 0.644	PASS
		Hop_2441	1.006	≥ 0.644	PASS
		Hop_2480	1.16	≥ 0.644	PASS
2DH1	Ant1	Hop_2402	1.174	≥ 0.912	PASS
		Hop_2441	0.998	≥ 0.912	PASS
		Hop_2480	1.002	≥ 0.912	PASS
3DH1	Ant1	Hop_2402	0.998	≥ 0.902	PASS
		Hop_2441	0.994	≥ 0.902	PASS
		Hop_2480	1.006	≥ 0.902	PASS

Test Graphs

DH1_Ant1_Hop_2402



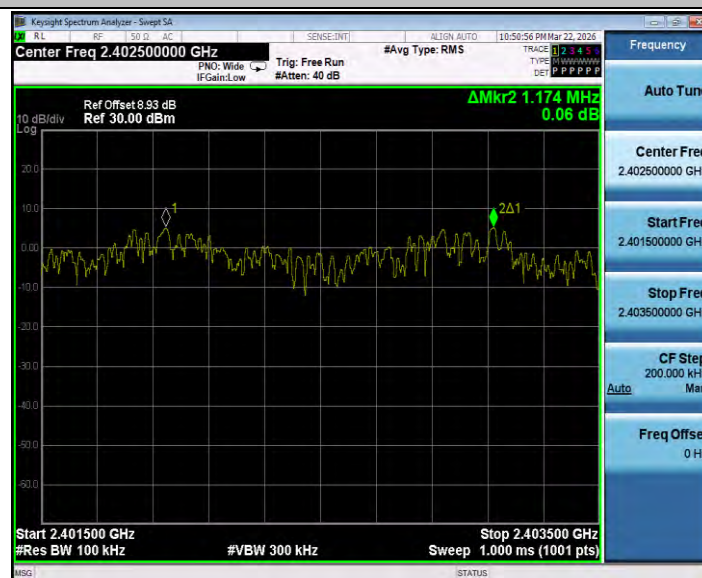
DH1_Ant1_Hop_2441



DH1_Ant1_Hop_2480



2DH1_Ant1_Hop_2402



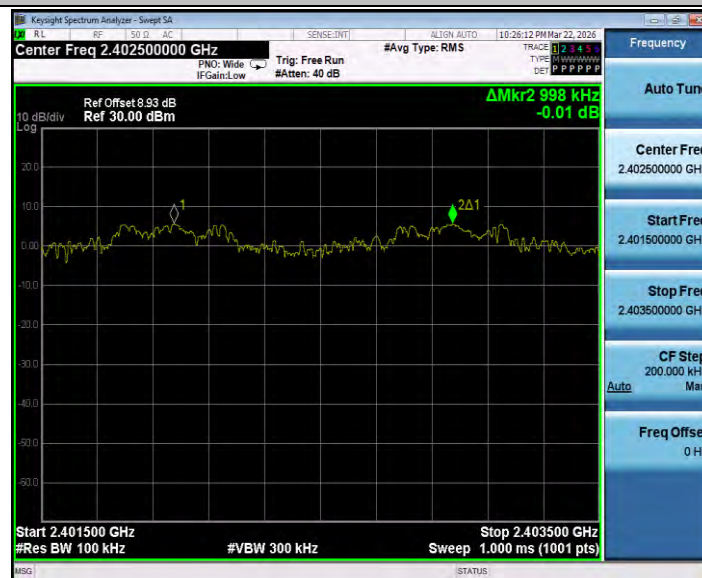
2DH1_Ant1_Hop_2441



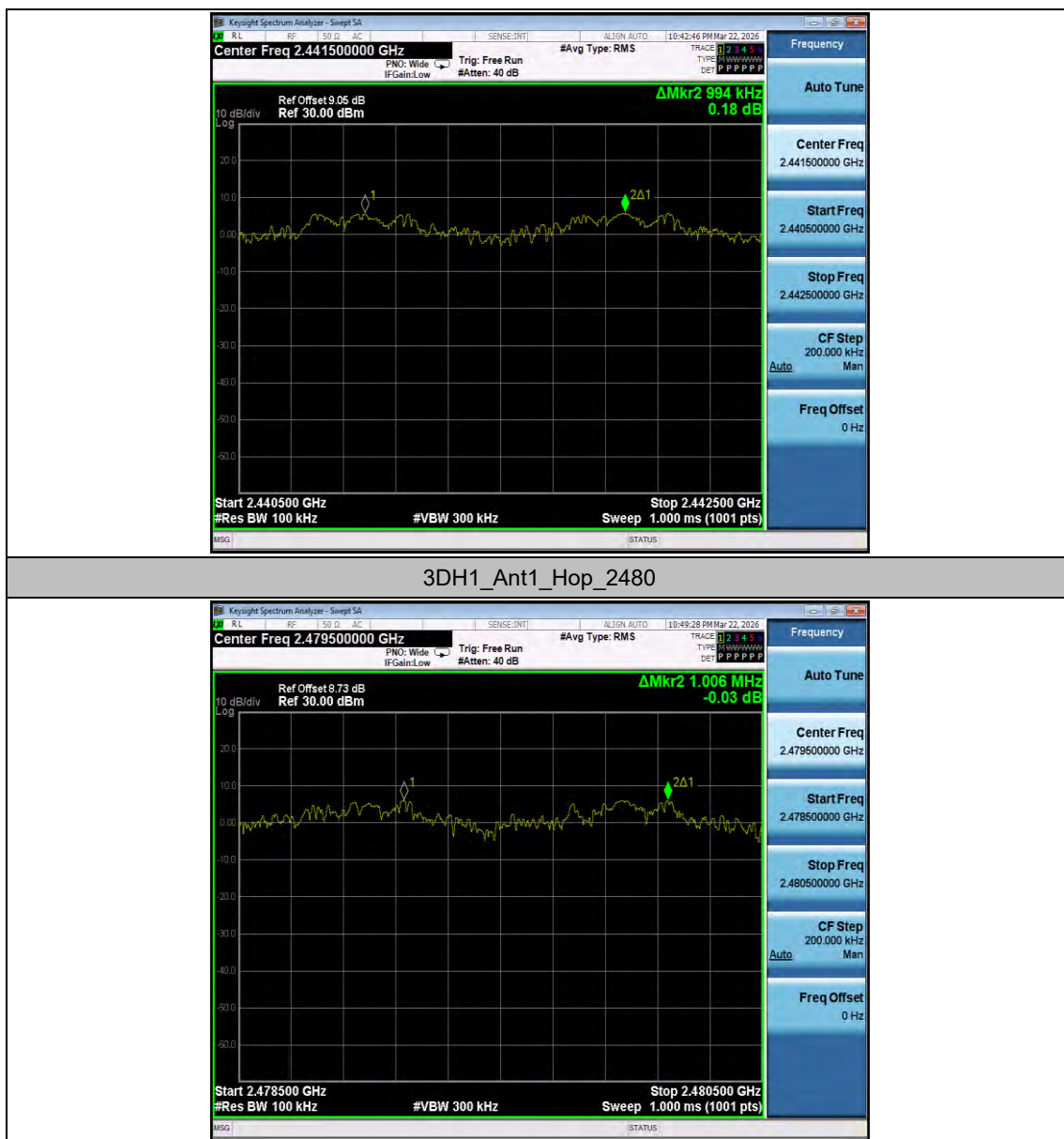
2DH1_Ant1_Hop_2480



3DH1_Ant1_Hop_2402



3DH1_Ant1_Hop_2441

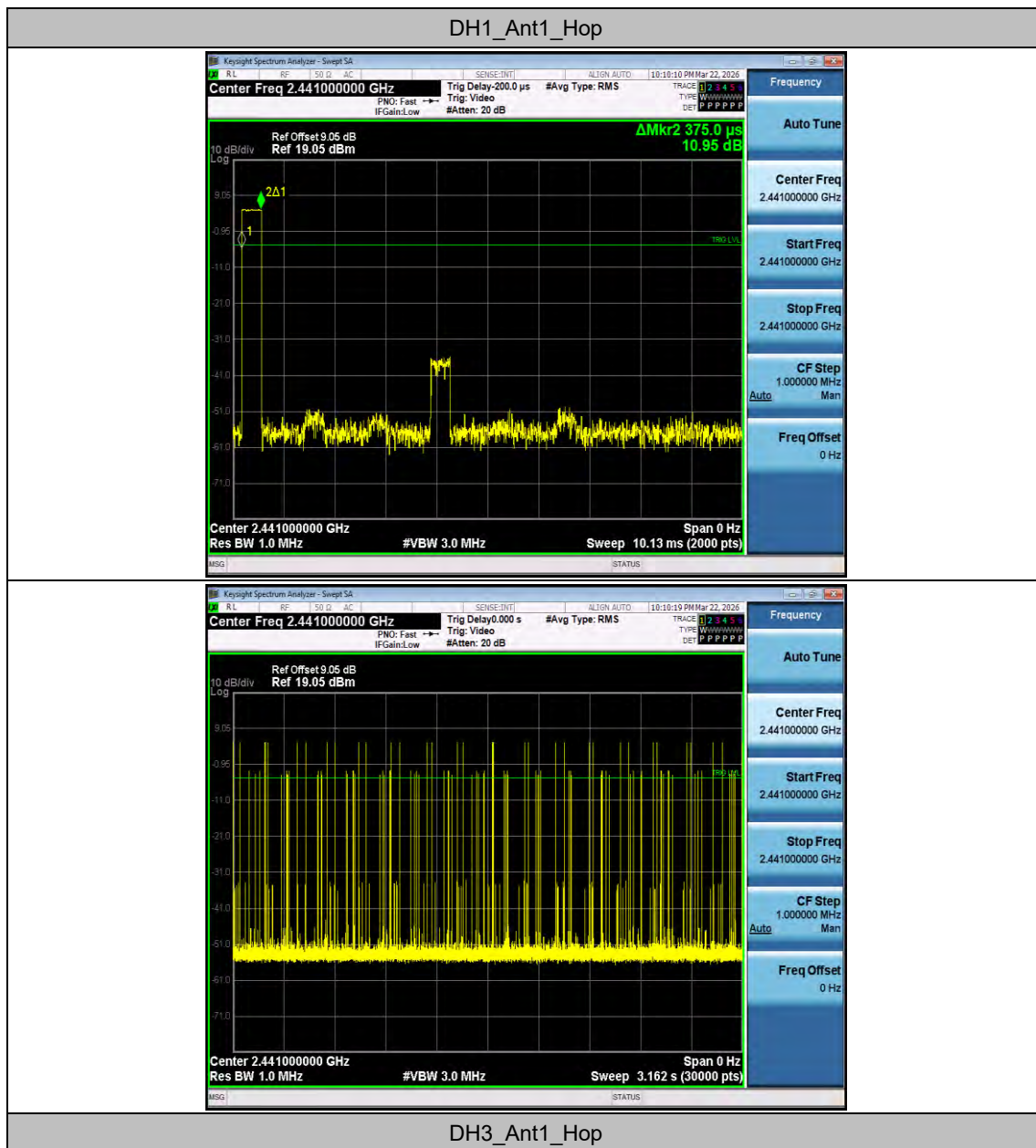


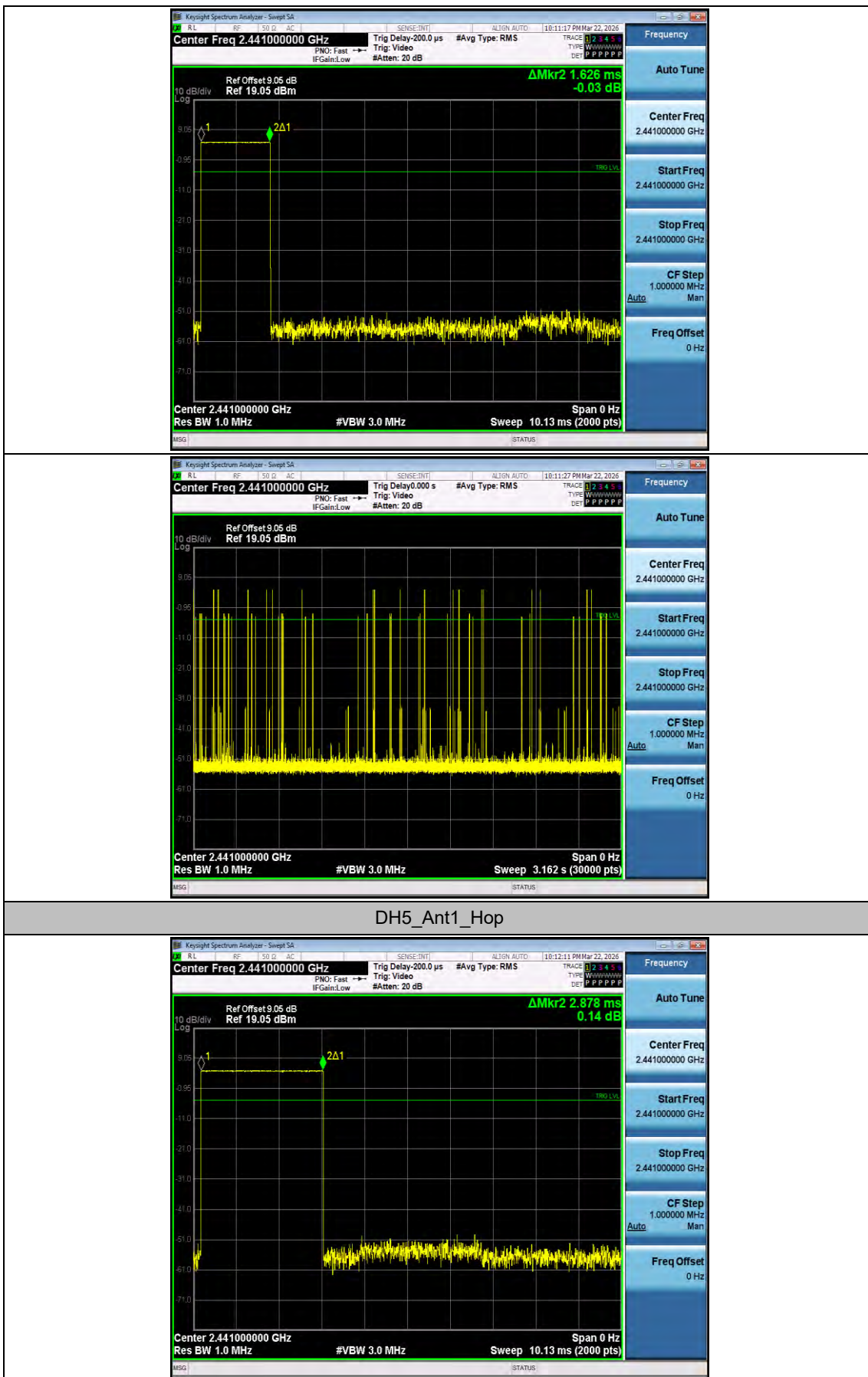
AppendixA.5: Time of occupancy

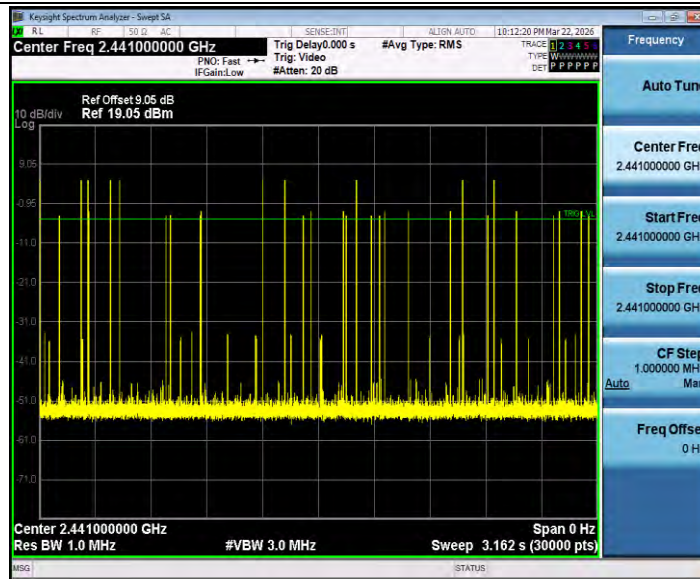
Test Result

TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.375	330	0.124	≤0.4	PASS
DH3	Ant1	Hop	1.626	200	0.325	≤0.4	PASS
DH5	Ant1	Hop	2.878	100	0.288	≤0.4	PASS
2DH1	Ant1	Hop	0.375	330	0.124	≤0.4	PASS
2DH3	Ant1	Hop	1.631	180	0.294	≤0.4	PASS
2DH5	Ant1	Hop	2.878	110	0.317	≤0.4	PASS
3DH1	Ant1	Hop	0.375	330	0.124	≤0.4	PASS
3DH3	Ant1	Hop	1.631	190	0.31	≤0.4	PASS
3DH5	Ant1	Hop	2.878	110	0.317	≤0.4	PASS

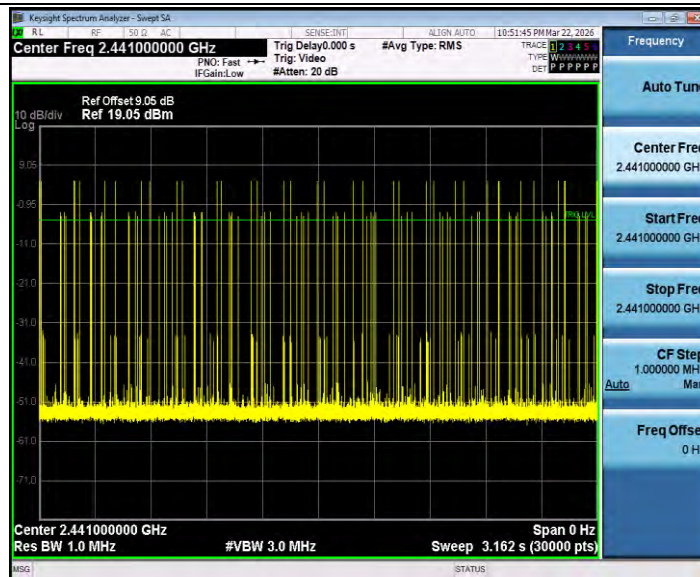
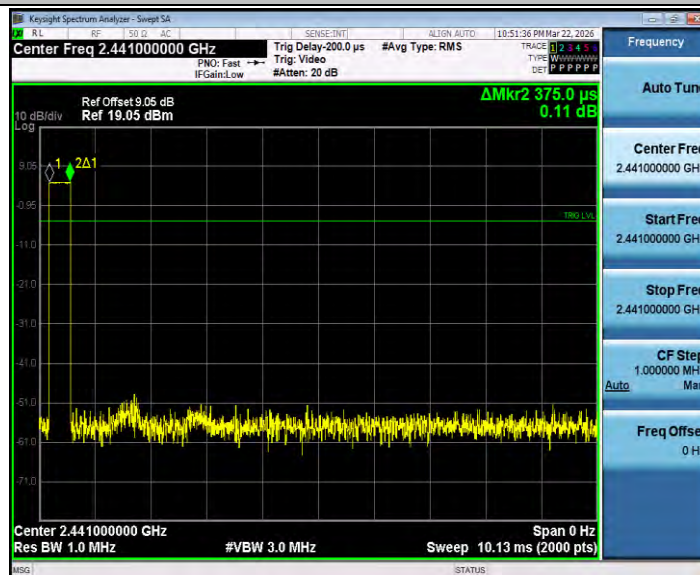
Test Graphs



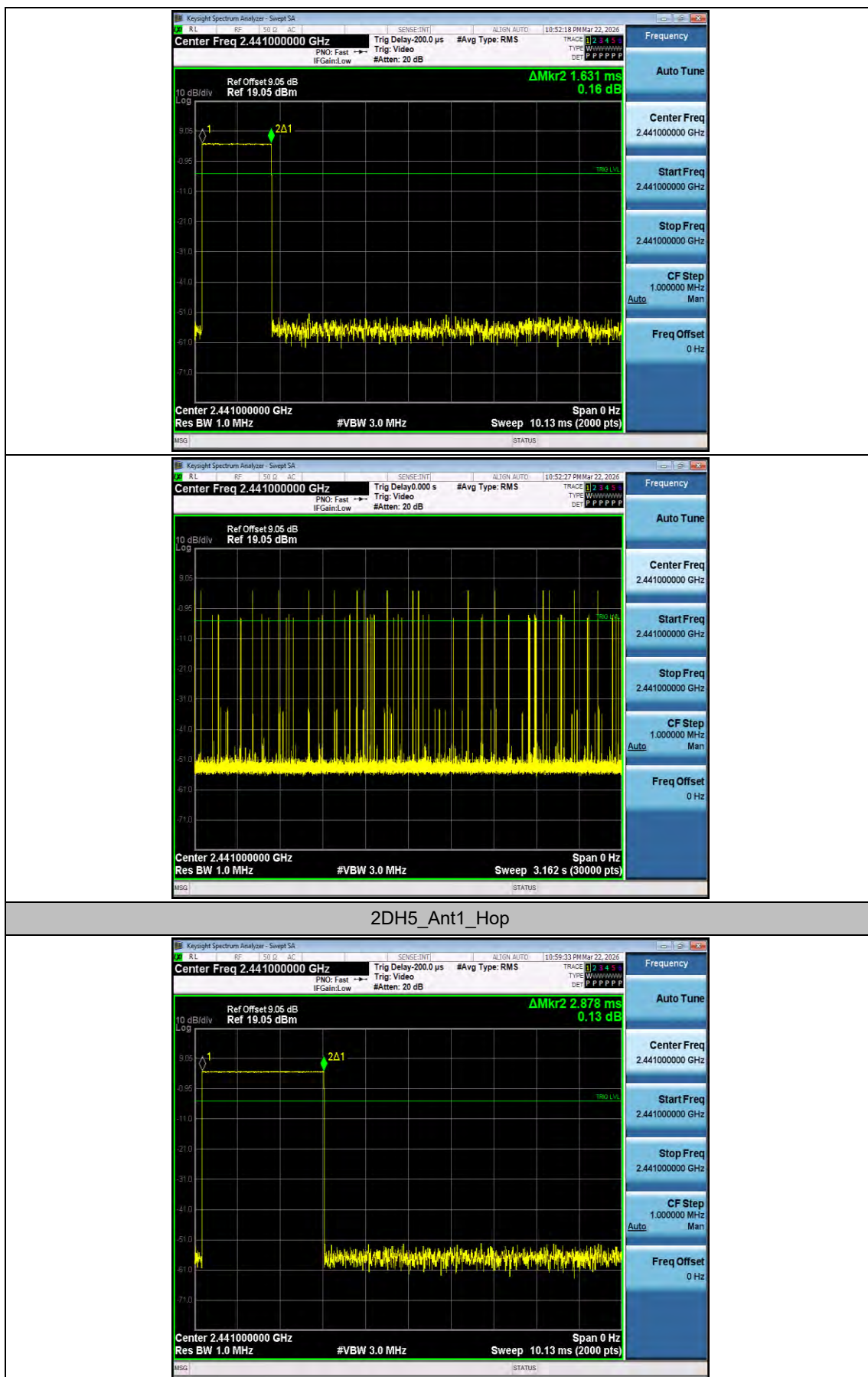


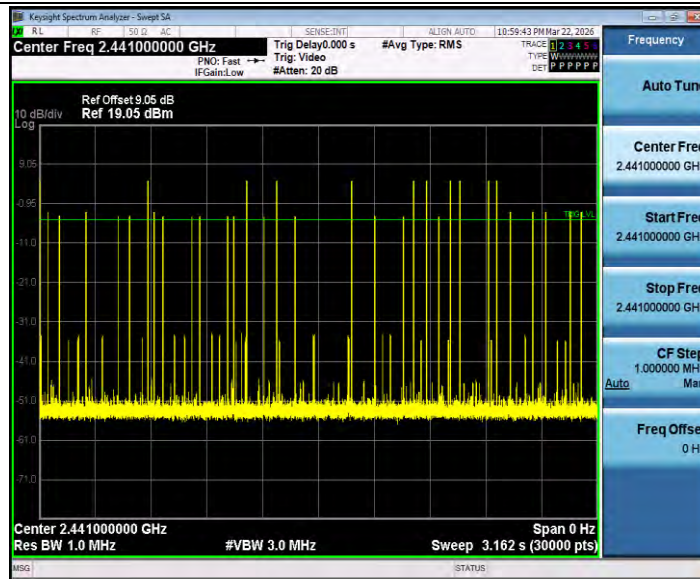


2DH1_Ant1_Hop

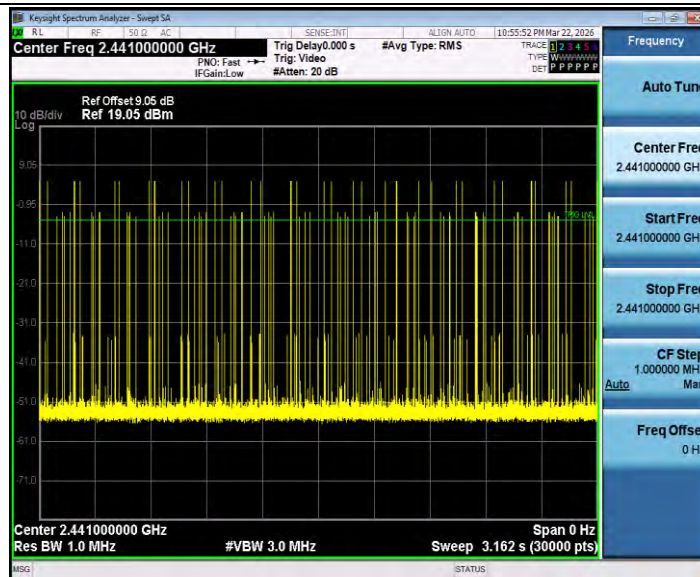
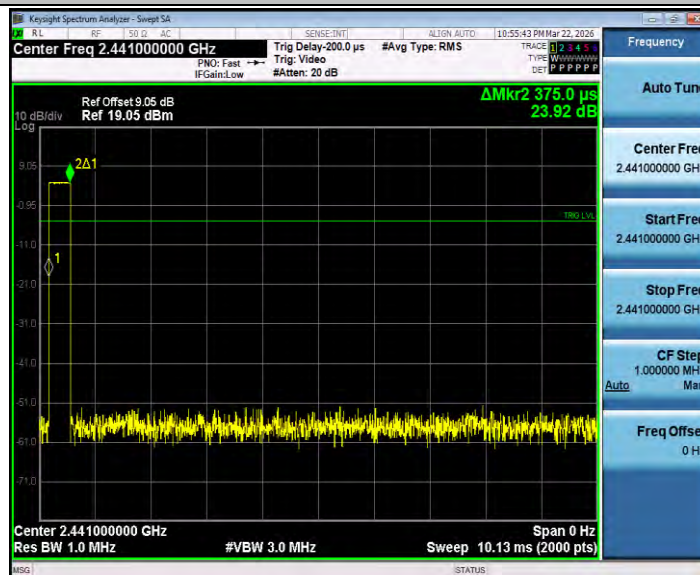


2DH3_Ant1_Hop

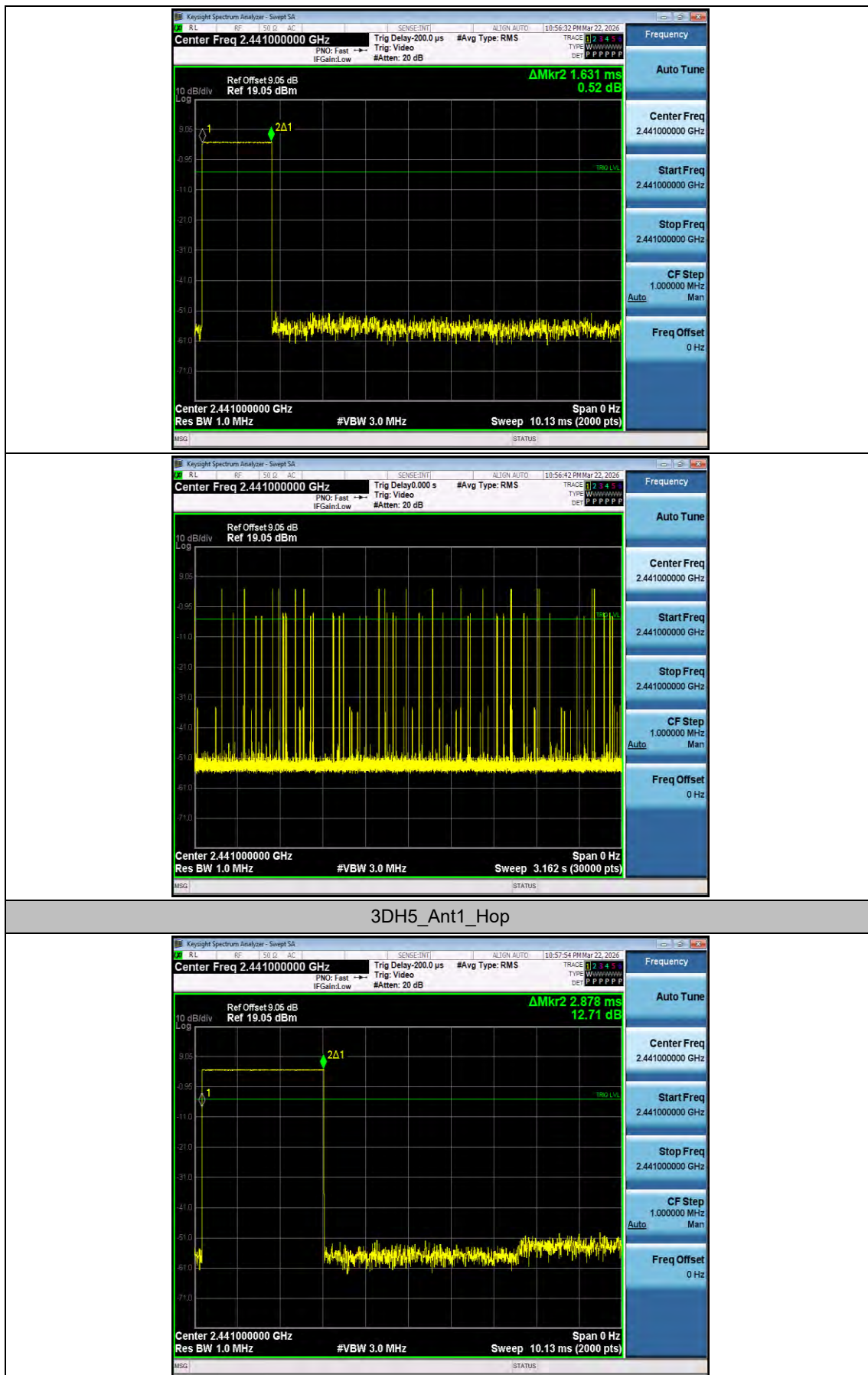


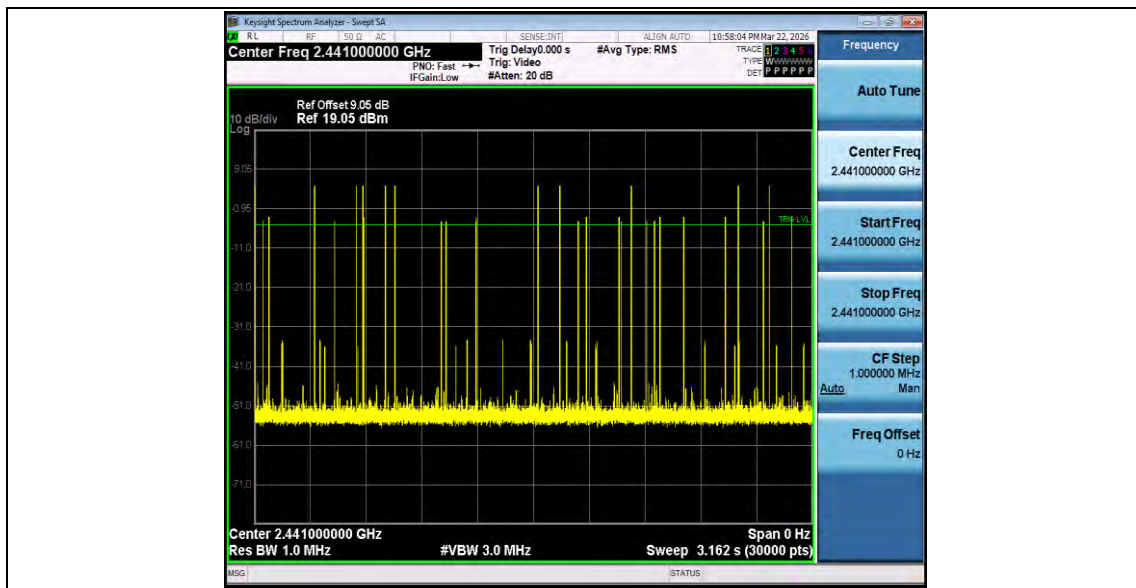


3DH1_Ant1_Hop



3DH3_Ant1_Hop



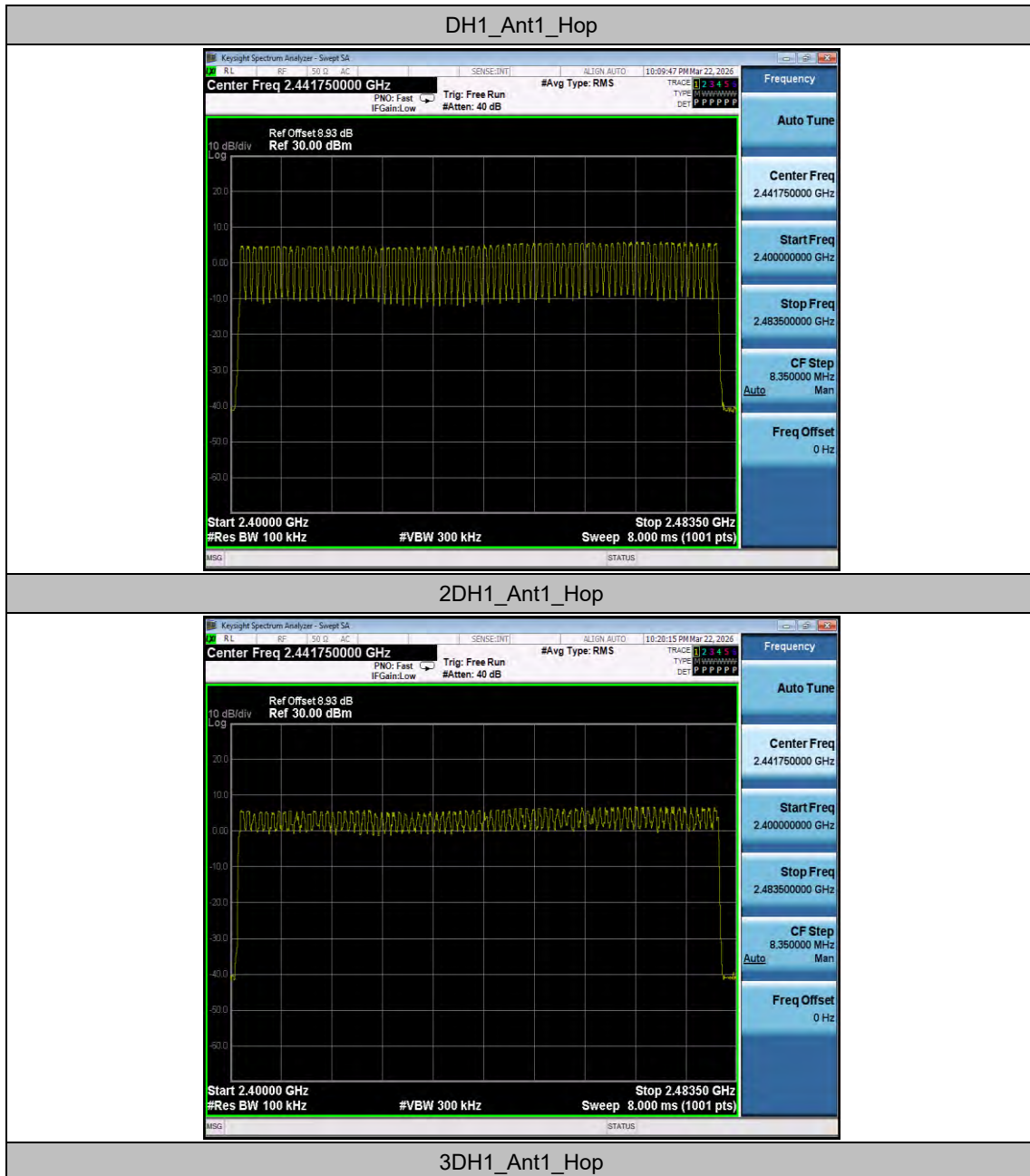


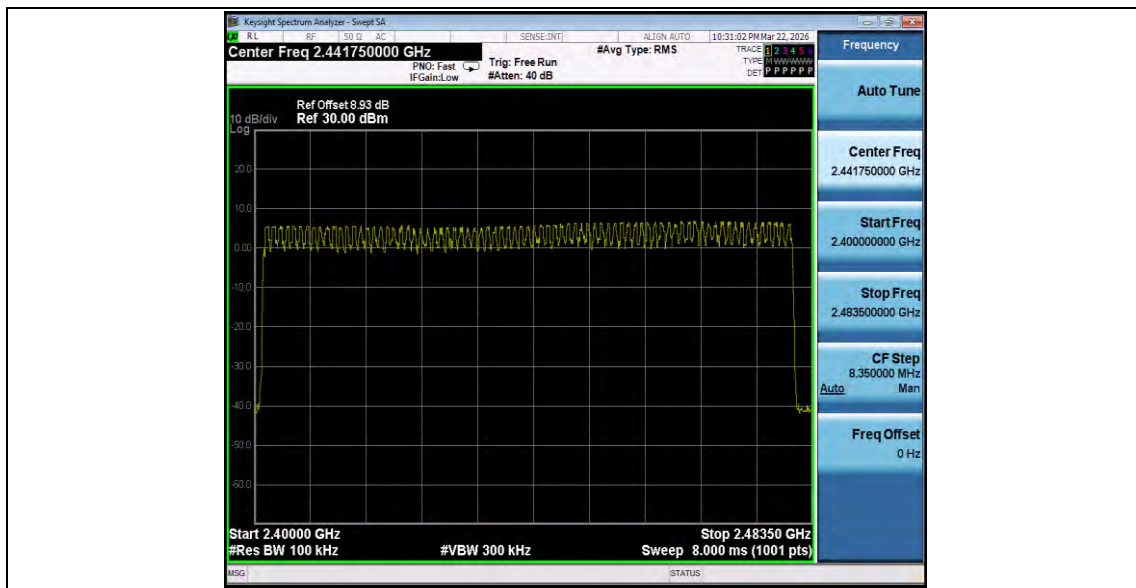
AppendixA.6: Number of hopping channels

Test Result

TestMode	Antenna	Freq(MHz)	Result[Num]	Limit[Num]	Verdict
DH1	Ant1	Hop	79	≥15	PASS
2DH1	Ant1	Hop	79	≥15	PASS
3DH1	Ant1	Hop	79	≥15	PASS

Test Graphs





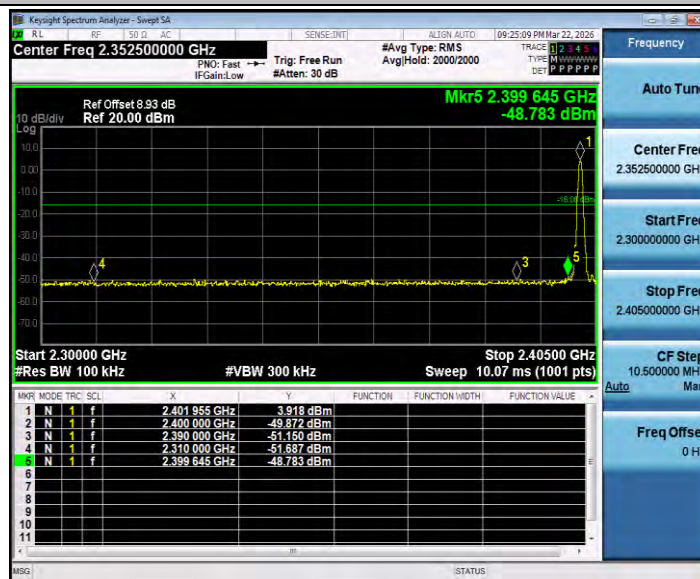
Appendix A.7: Band edge measurements

Test Result

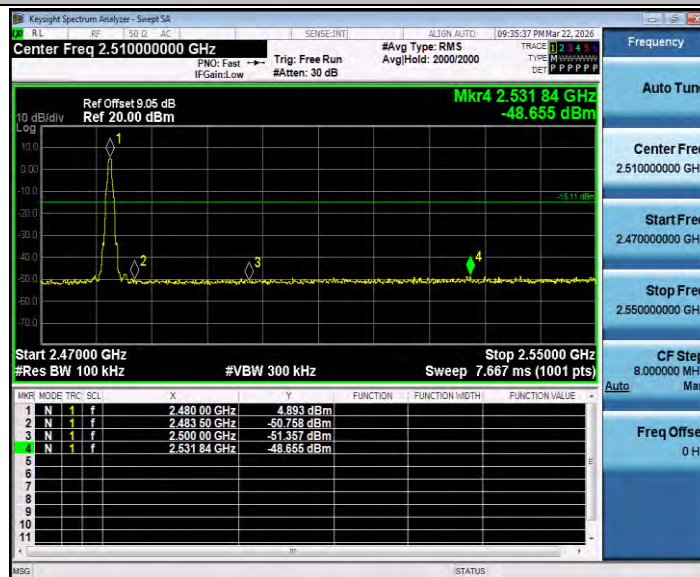
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	Low	2402	3.92	-48.78	≤ -16.08	PASS
		High	2480	4.89	-48.66	≤ -15.11	PASS
		Low	Hop_2402	4.53	-49.63	≤ -15.47	PASS
		High	Hop_2480	5.69	-48.61	≤ -14.31	PASS
2DH1	Ant1	Low	2402	2.41	-49.18	≤ -17.59	PASS
		High	2480	3.85	-48.89	≤ -16.15	PASS
		Low	Hop_2402	5.26	-49.74	≤ -14.74	PASS
		High	Hop_2480	6.16	-49.09	≤ -13.84	PASS
3DH1	Ant1	Low	2402	3.16	-48.8	≤ -16.84	PASS
		High	2480	4.01	-48.58	≤ -16	PASS
		Low	Hop_2402	5.11	-49.26	≤ -14.89	PASS
		High	Hop_2480	6.32	-47.85	≤ -13.68	PASS

Test Graphs

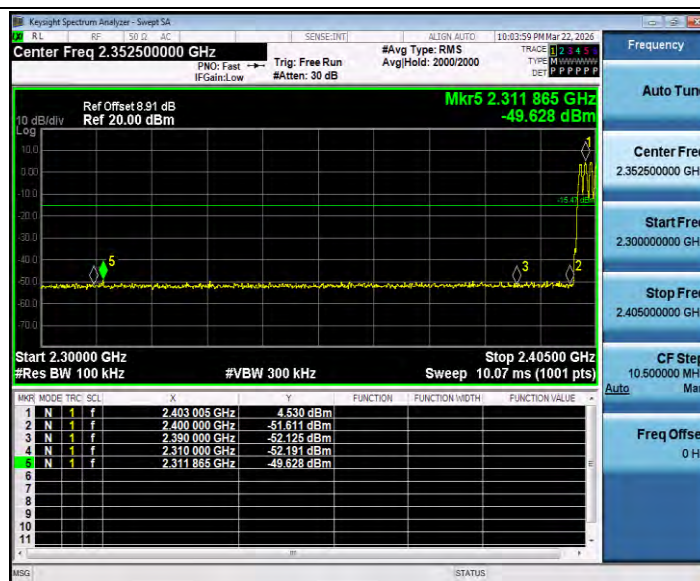
DH1_Ant1_Low_2402



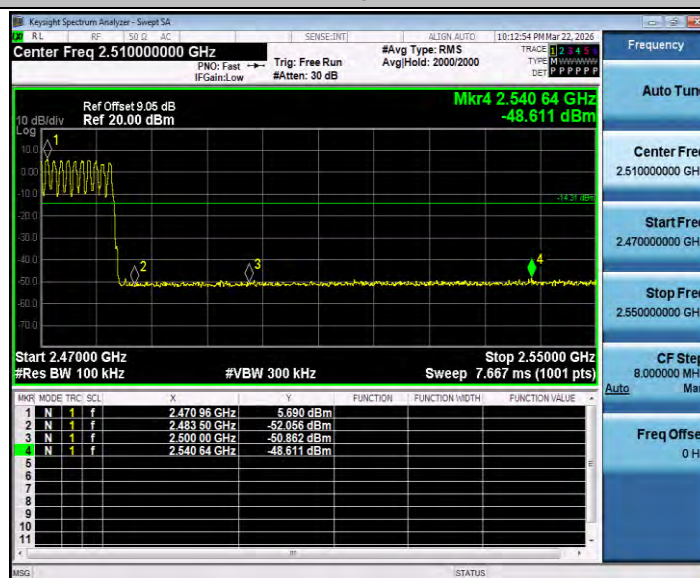
DH1_Ant1_High_2480



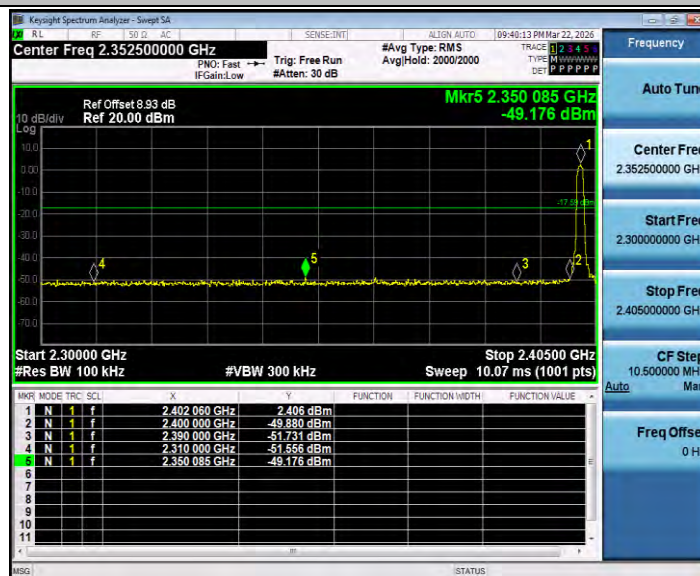
DH1_Ant1_Low_Hop_2402



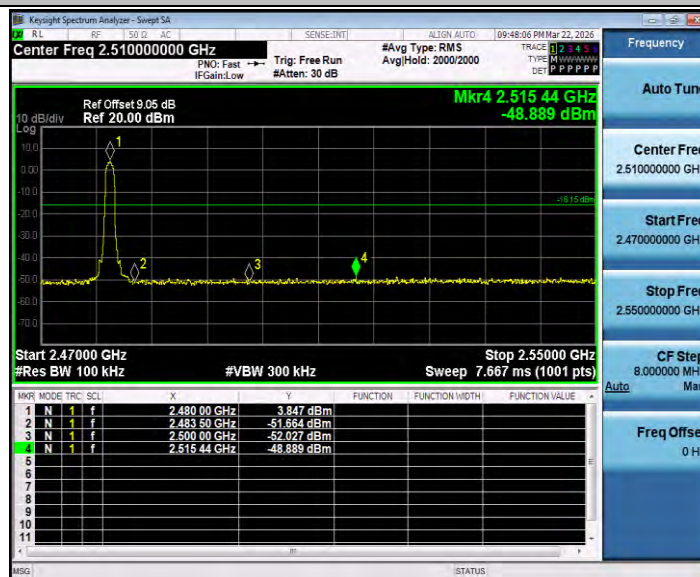
DH1_Ant1_High_Hop_2480



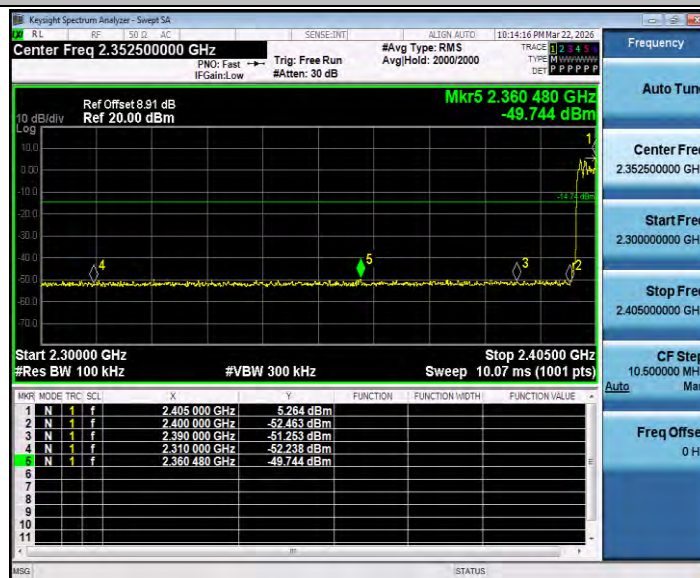
2DH1_Ant1_Low_2402



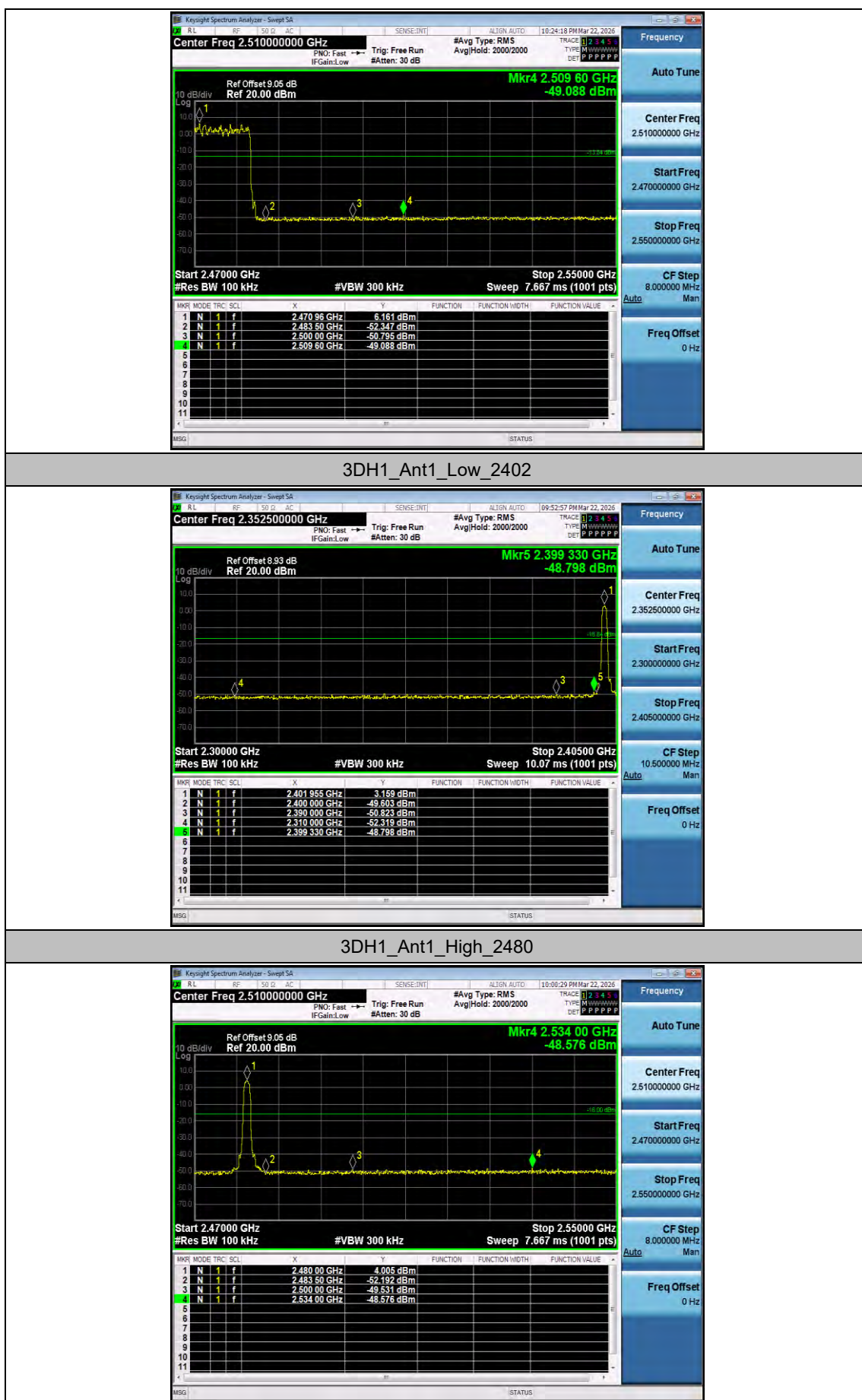
2DH1_Ant1_High_2480



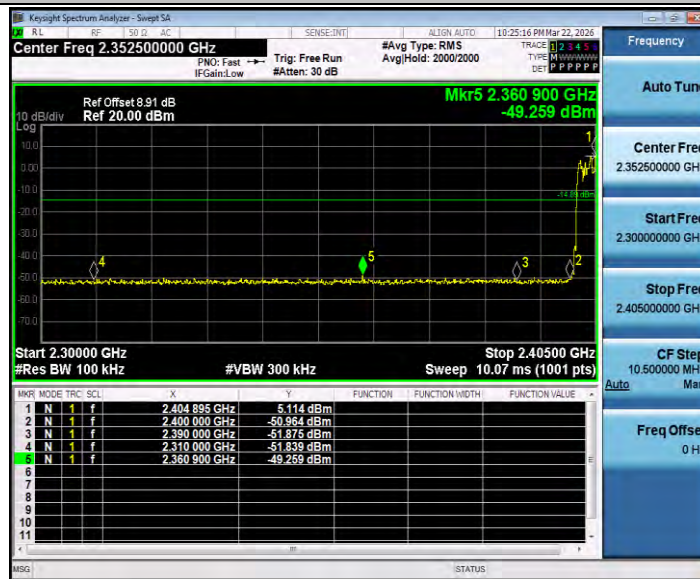
2DH1_Ant1_Low_Hop_2402



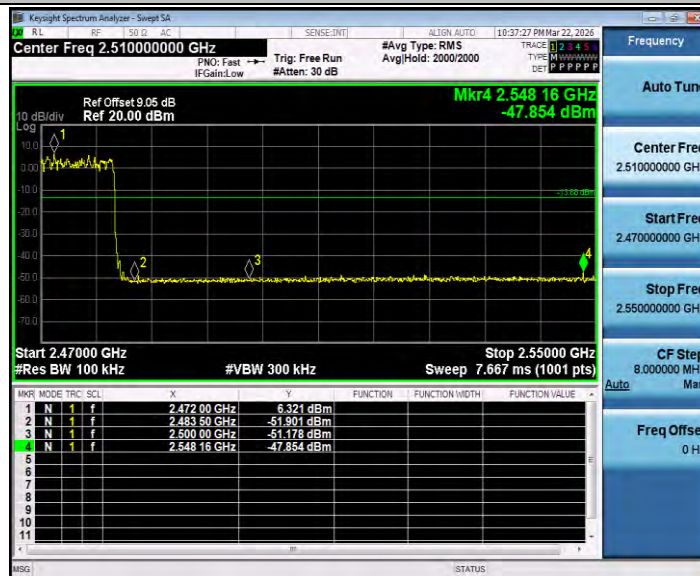
2DH1_Ant1_High_Hop_2480



3DH1_Ant1_Low_Hop_2402



3DH1_Ant1_High_Hop_2480

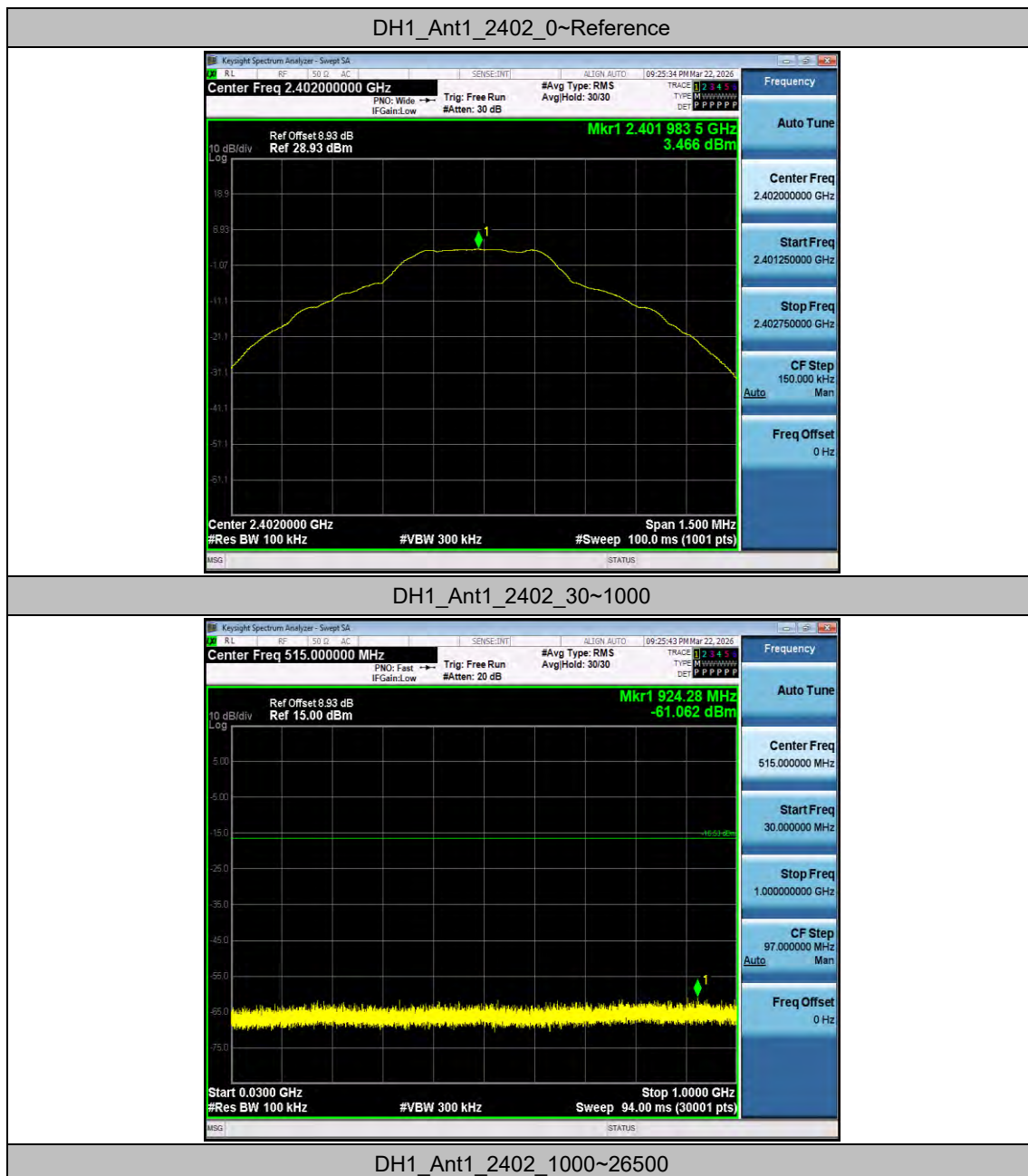


Appendix A.8: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	2402	Reference	3.47	3.47	---	PASS
			30~1000	3.47	-61.06	≤-16.53	PASS
			1000~26500	3.47	-47.74	≤-16.53	PASS
		2441	Reference	3.76	3.76	---	PASS
			30~1000	3.76	-59.8	≤-16.24	PASS
			1000~26500	3.76	-47.44	≤-16.24	PASS
		2480	Reference	4.35	4.35	---	PASS
			30~1000	4.35	-60.56	≤-15.65	PASS
			1000~26500	4.35	-47.49	≤-15.65	PASS
2DH1	Ant1	2402	Reference	2.22	2.22	---	PASS
			30~1000	2.22	-60.56	≤-17.78	PASS
			1000~26500	2.22	-47.85	≤-17.78	PASS
		2441	Reference	2.45	2.45	---	PASS
			30~1000	2.45	-59.75	≤-17.55	PASS
			1000~26500	2.45	-47.55	≤-17.55	PASS
		2480	Reference	3.65	3.65	---	PASS
			30~1000	3.65	-59.69	≤-16.35	PASS
			1000~26500	3.65	-47.68	≤-16.35	PASS
3DH1	Ant1	2402	Reference	2.48	2.48	---	PASS
			30~1000	2.48	-60.84	≤-17.52	PASS
			1000~26500	2.48	-47.17	≤-17.52	PASS
		2441	Reference	2.72	2.72	---	PASS
			30~1000	2.72	-60.98	≤-17.28	PASS
			1000~26500	2.72	-47.09	≤-17.28	PASS
		2480	Reference	3.43	3.43	---	PASS
			30~1000	3.43	-60.23	≤-16.57	PASS
			1000~26500	3.43	-47.97	≤-16.57	PASS

Test Graphs

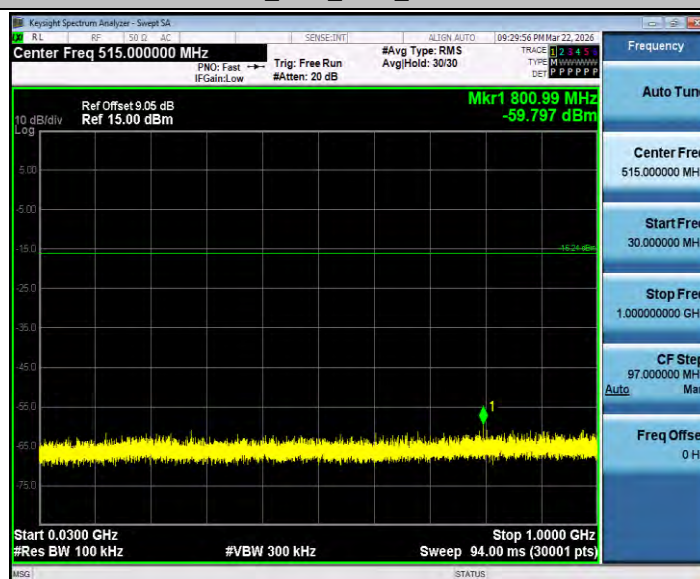




DH1_Ant1_2441_0~Reference



DH1_Ant1_2441_30~1000



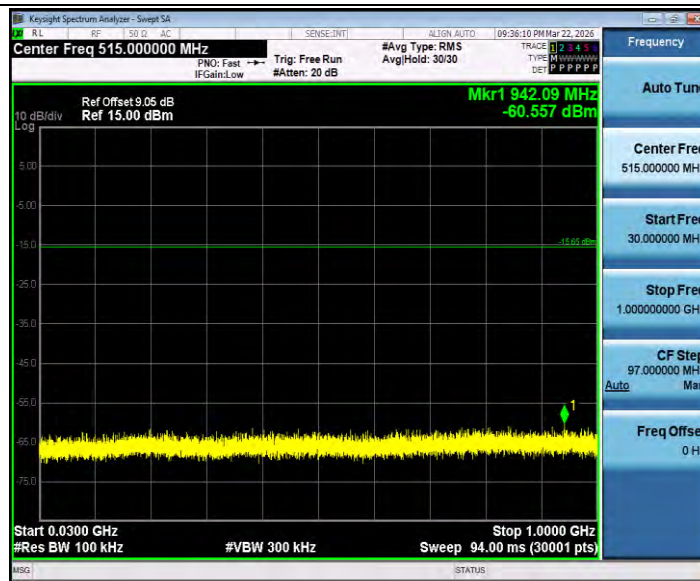
DH1_Ant1_2441_1000~26500



DH1_Ant1_2480_0~Reference



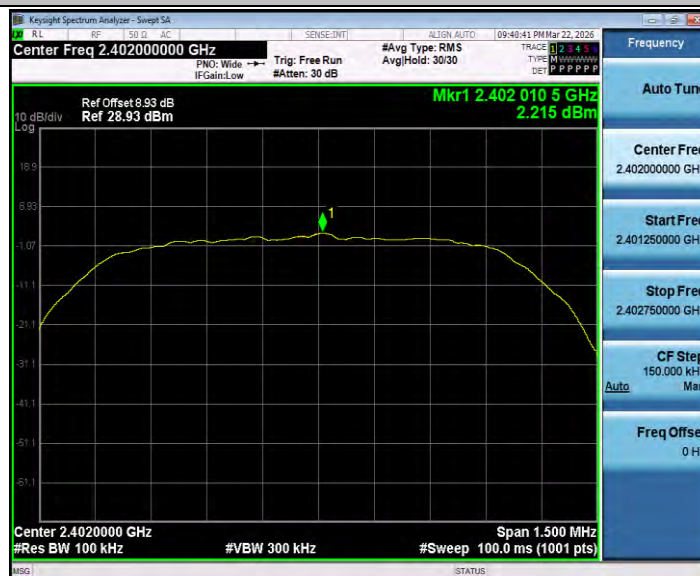
DH1_Ant1_2480_30~1000

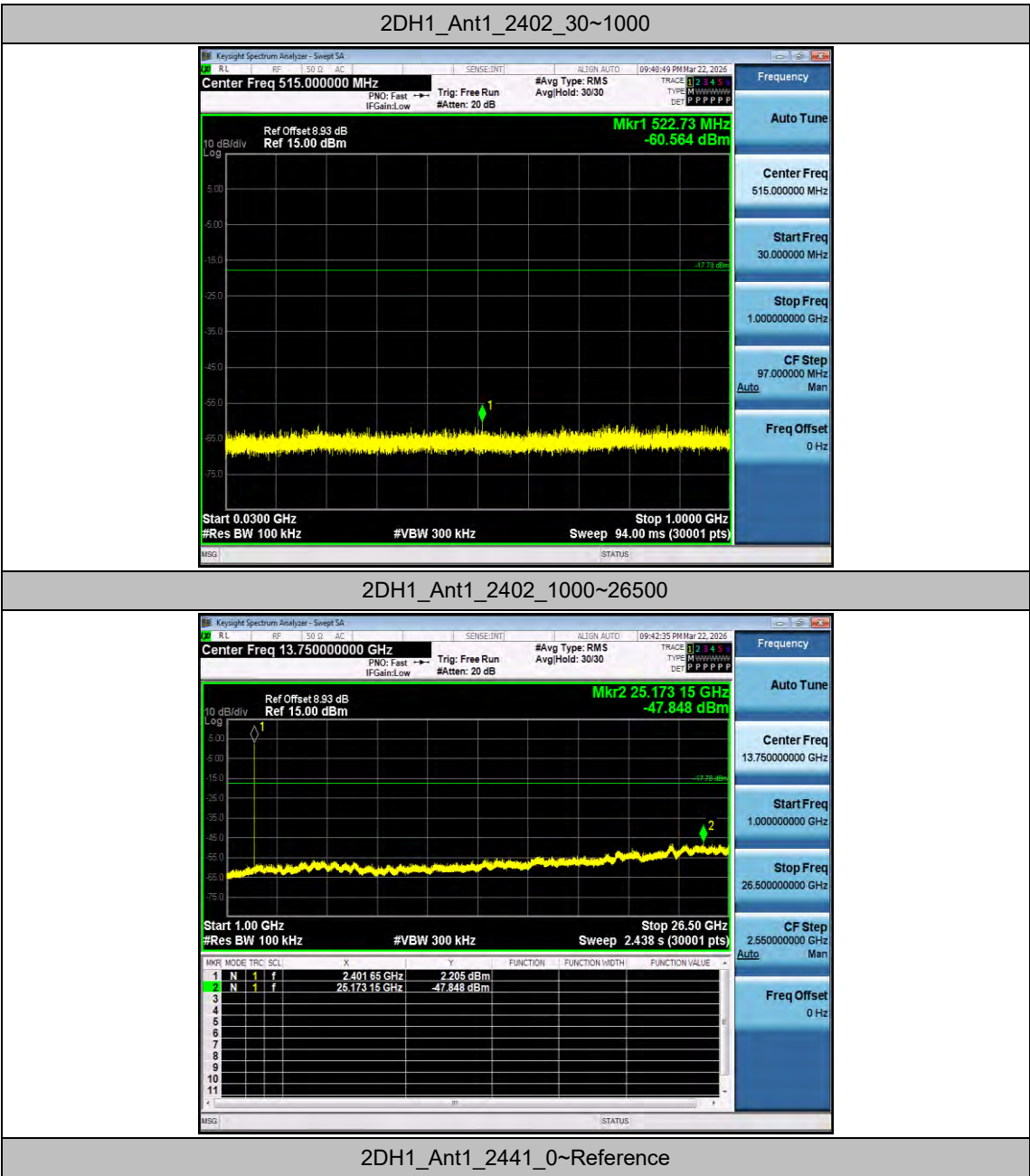


DH1_Ant1_2480_1000~26500



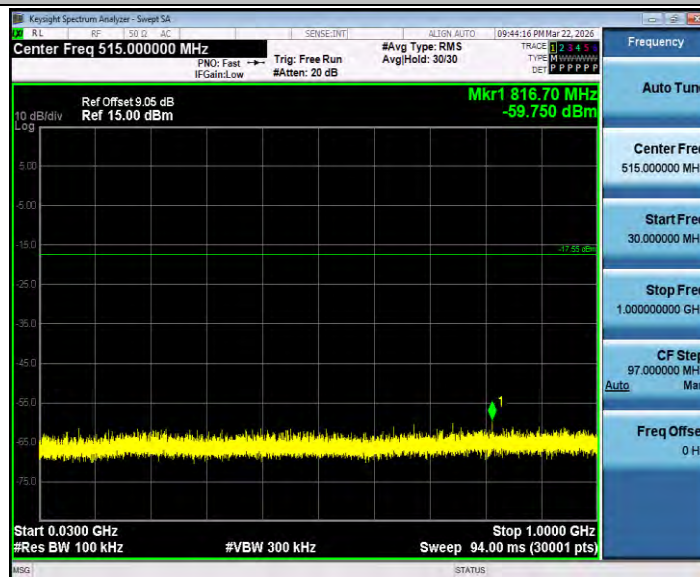
2DH1_Ant1_2402_0~Reference







2DH1_Ant1_2441_30~1000



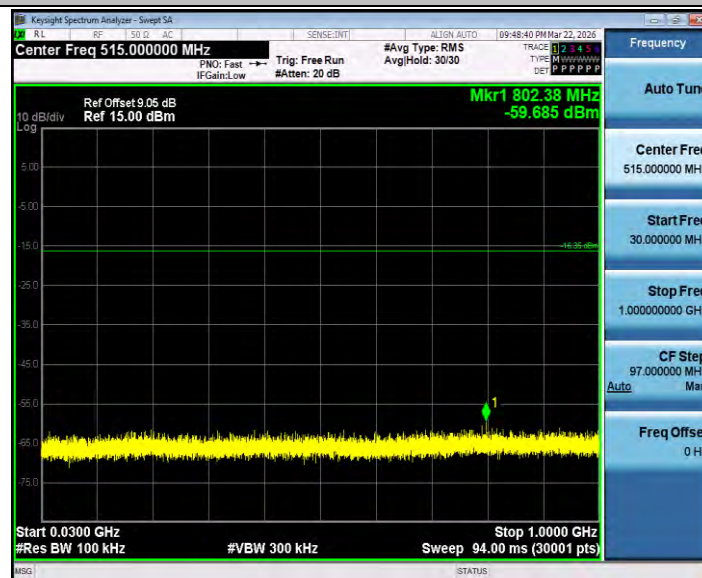
2DH1_Ant1_2441_1000~26500



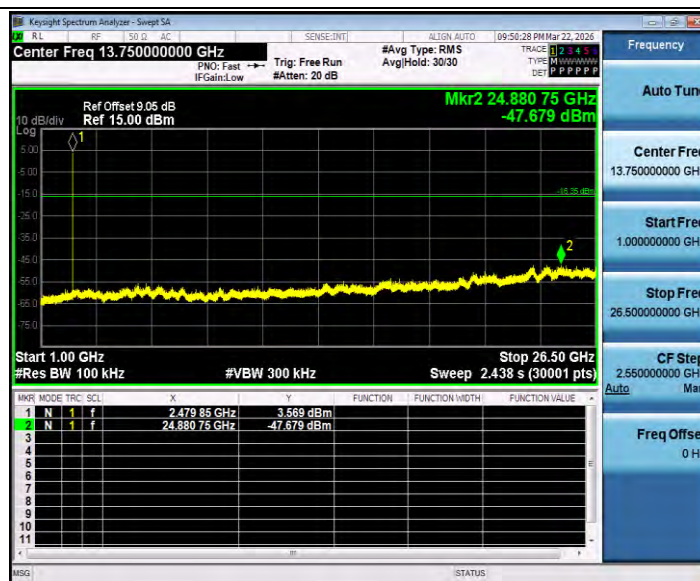
2DH1_Ant1_2480_0~Reference



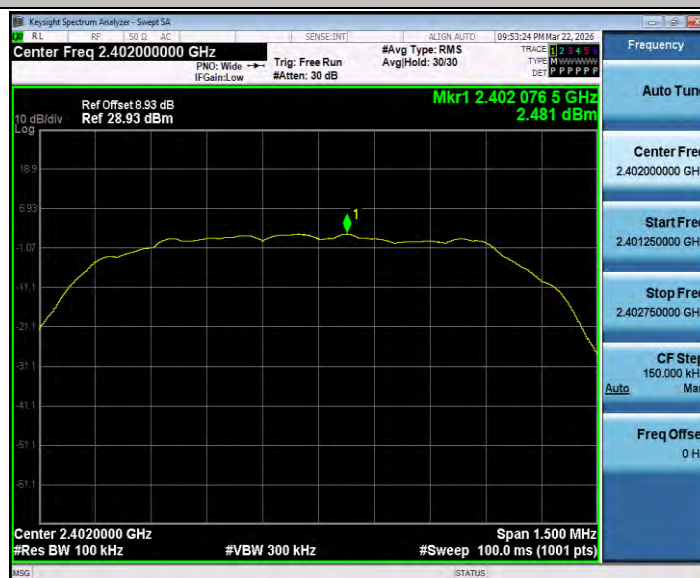
2DH1_Ant1_2480_30~1000



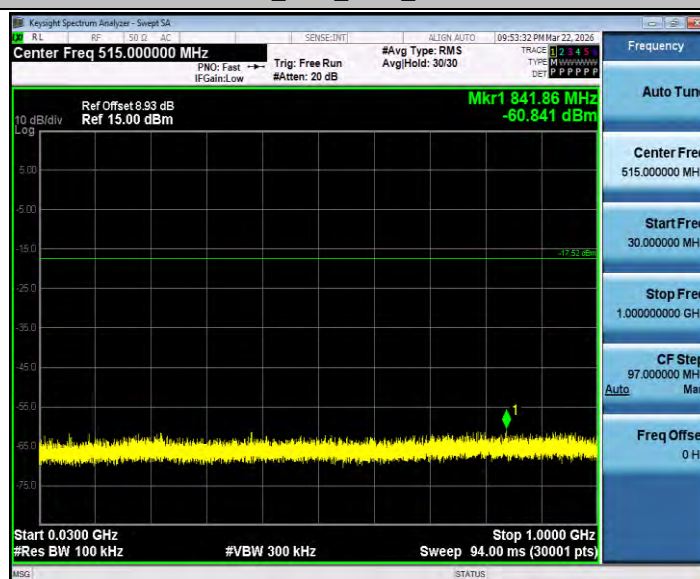
2DH1_Ant1_2480_1000~26500



3DH1_Ant1_2402_0~Reference



3DH1_Ant1_2402_30~1000



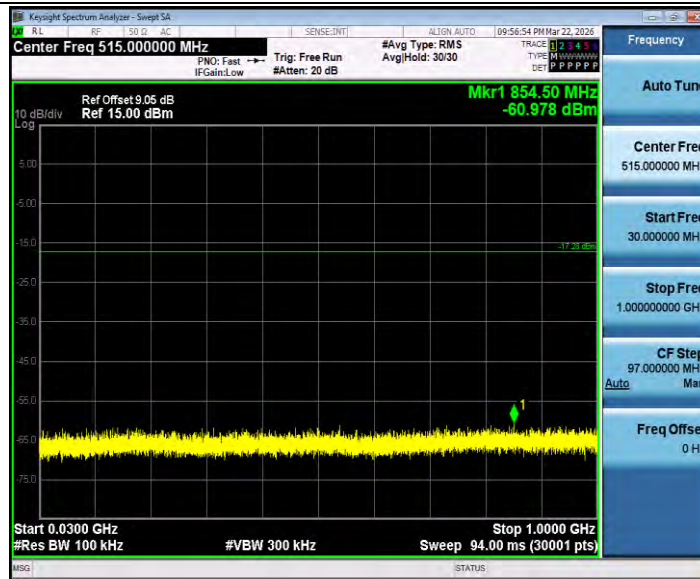
3DH1_Ant1_2402_1000~26500



3DH1_Ant1_2441_0~Reference



3DH1_Ant1_2441_30~1000



3DH1_Ant1_2441_1000~26500



3DH1_Ant1_2480_0~Reference



