

Case No. : <u>GTS20251226016-1-11</u>
Ambient Condition: <u>25</u> °C, <u>59</u> %RH
According Standard: ■Part15C
Test Date: <u>2026.4.23-2026.6.11</u> Test Engineer: <u>Evan ouyang</u>

AppendixA.1: 20dB Emission Bandwidth

Test Result

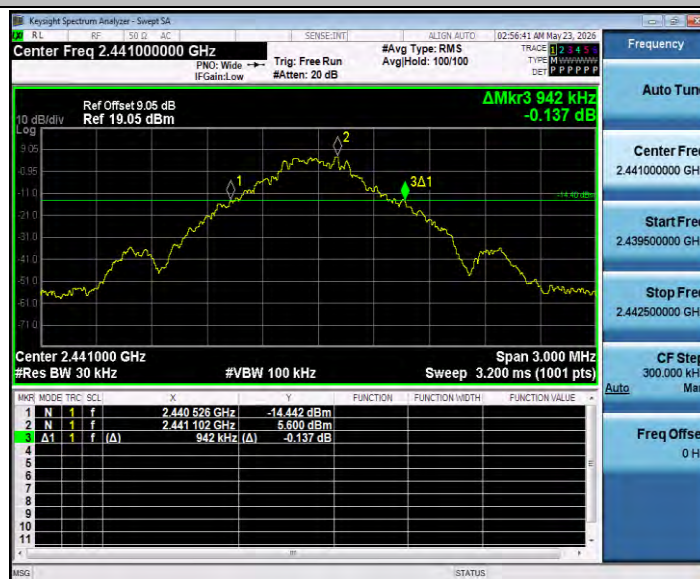
TestMode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	0.957	2401.520	2402.477	---	---
		2441	0.942	2440.526	2441.468	---	---
		2480	0.888	2479.529	2480.417	---	---
2DH1	Ant1	2402	1.317	2401.316	2402.633	---	---
		2441	1.302	2440.316	2441.618	---	---
		2480	1.296	2479.313	2480.609	---	---
3DH1	Ant1	2402	1.257	2401.352	2402.609	---	---
		2441	1.236	2440.376	2441.612	---	---
		2480	1.251	2479.355	2480.606	---	---

Test Graphs

DH1_Ant1_2402



DH1_Ant1_2441



DH1_Ant1_2480



2DH1_Ant1_2402



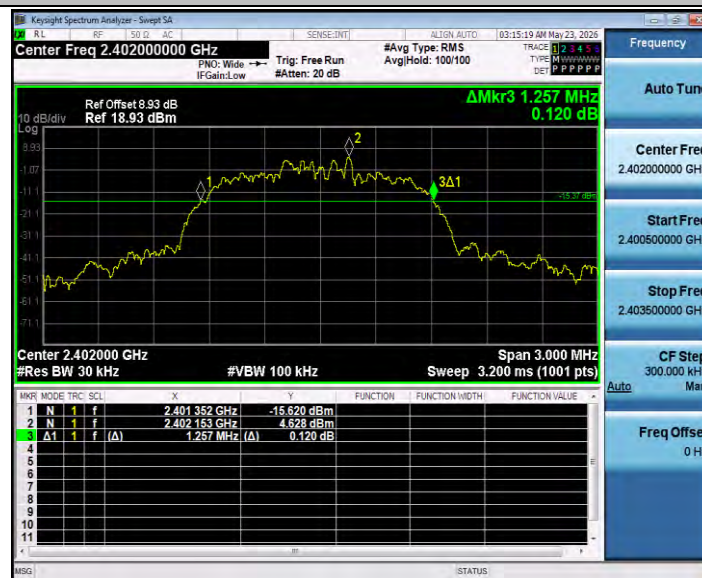
2DH1_Ant1_2441



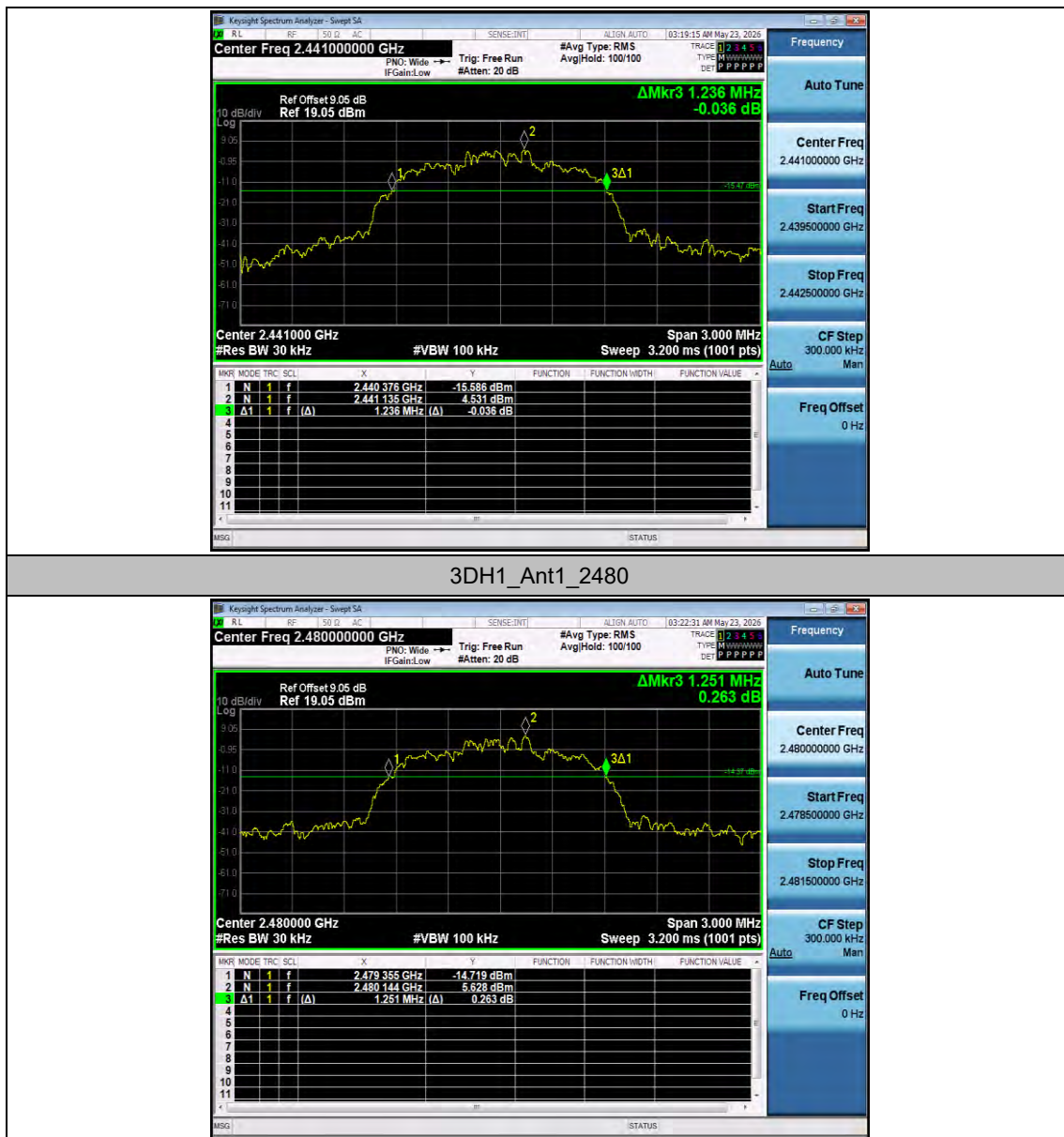
2DH1_Ant1_2480



3DH1_Ant1_2402



3DH1_Ant1_2441



AppendixA.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	0.82089	2401.5741	2402.3950	---	---
		2441	0.82462	2440.5743	2441.3989	---	---
		2480	0.83128	2479.5704	2480.4017	---	---
2DH1	Ant1	2402	1.1560	2401.3987	2402.5547	---	---
		2441	1.1562	2440.4027	2441.5589	---	---
		2480	1.1569	2479.3970	2480.5539	---	---
3DH1	Ant1	2402	1.1476	2401.4200	2402.5676	---	---
		2441	1.1443	2440.4202	2441.5645	---	---
		2480	1.1450	2479.4191	2480.5641	---	---

Test Graphs

DH1_Ant1_2402



DH1_Ant1_2441



DH1_Ant1_2480



2DH1_Ant1_2402



2DH1_Ant1_2441



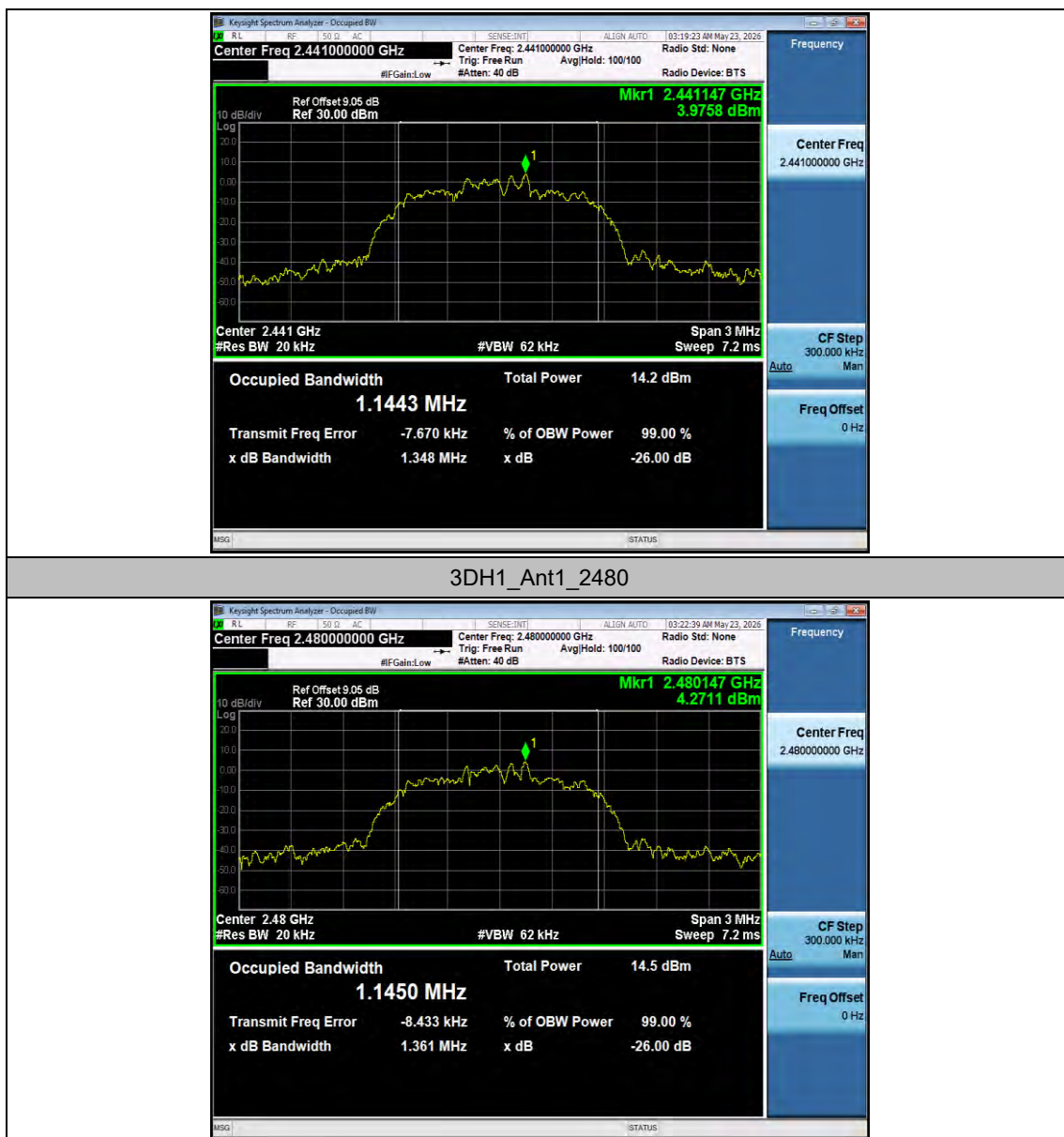
2DH1_Ant1_2480



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	8.81	≤ 29.32	PASS
		2441	9.26	≤ 29.32	PASS
		2480	9.61	≤ 29.32	PASS
2DH1	Ant1	2402	9.65	≤ 20.29	PASS
		2441	10.10	≤ 20.29	PASS
		2480	10.38	≤ 20.29	PASS
3DH1	Ant1	2402	10.36	≤ 20.29	PASS
		2441	10.75	≤ 20.29	PASS
		2480	10.88	≤ 20.29	PASS

Limit (dBm)= Limit (dBm)-(Gain-6dBi)

AppendixA.4: Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH1	Ant1	Hop_2402	1.006	≥ 0.957	PASS
		Hop_2441	1.316	≥ 0.957	PASS
		Hop_2480	0.994	≥ 0.957	PASS
2DH1	Ant1	Hop_2402	1.008	≥ 0.878	PASS
		Hop_2441	0.986	≥ 0.878	PASS
		Hop_2480	1.322	≥ 0.878	PASS
3DH1	Ant1	Hop_2402	0.99	≥ 0.838	PASS
		Hop_2441	1.014	≥ 0.838	PASS
		Hop_2480	1.008	≥ 0.838	PASS

Test Graphs

DH1_Ant1_Hop_2402



DH1_Ant1_Hop_2441



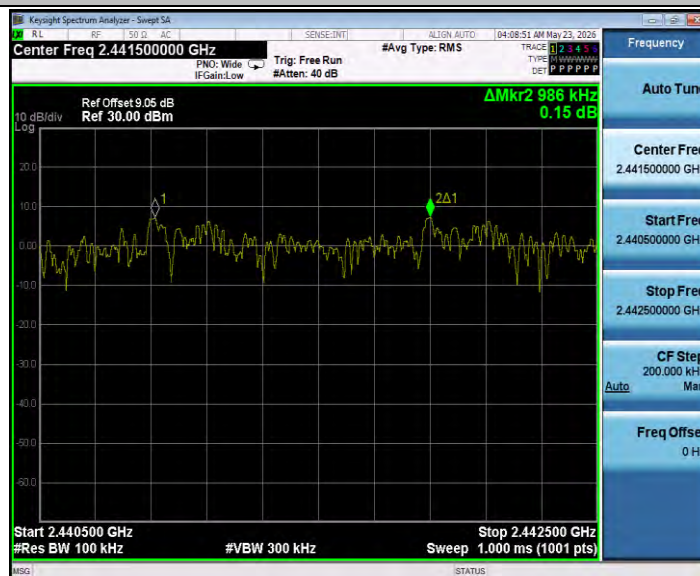
DH1_Ant1_Hop_2480



2D1_Ant1_Hop_2402



2D1_Ant1_Hop_2441



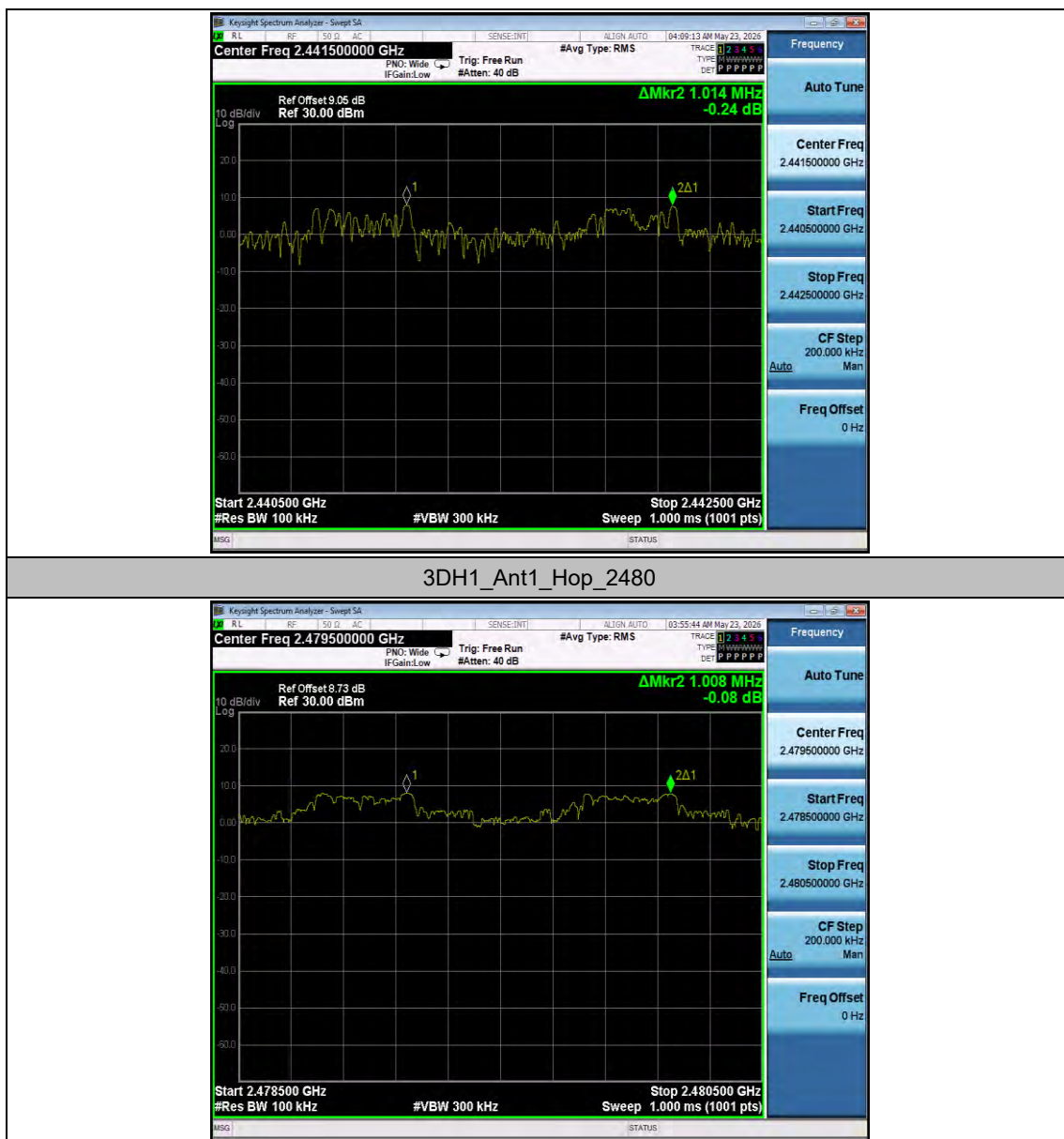
2DH1_Ant1_Hop_2480



3DH1_Ant1_Hop_2402



3DH1_Ant1_Hop_2441

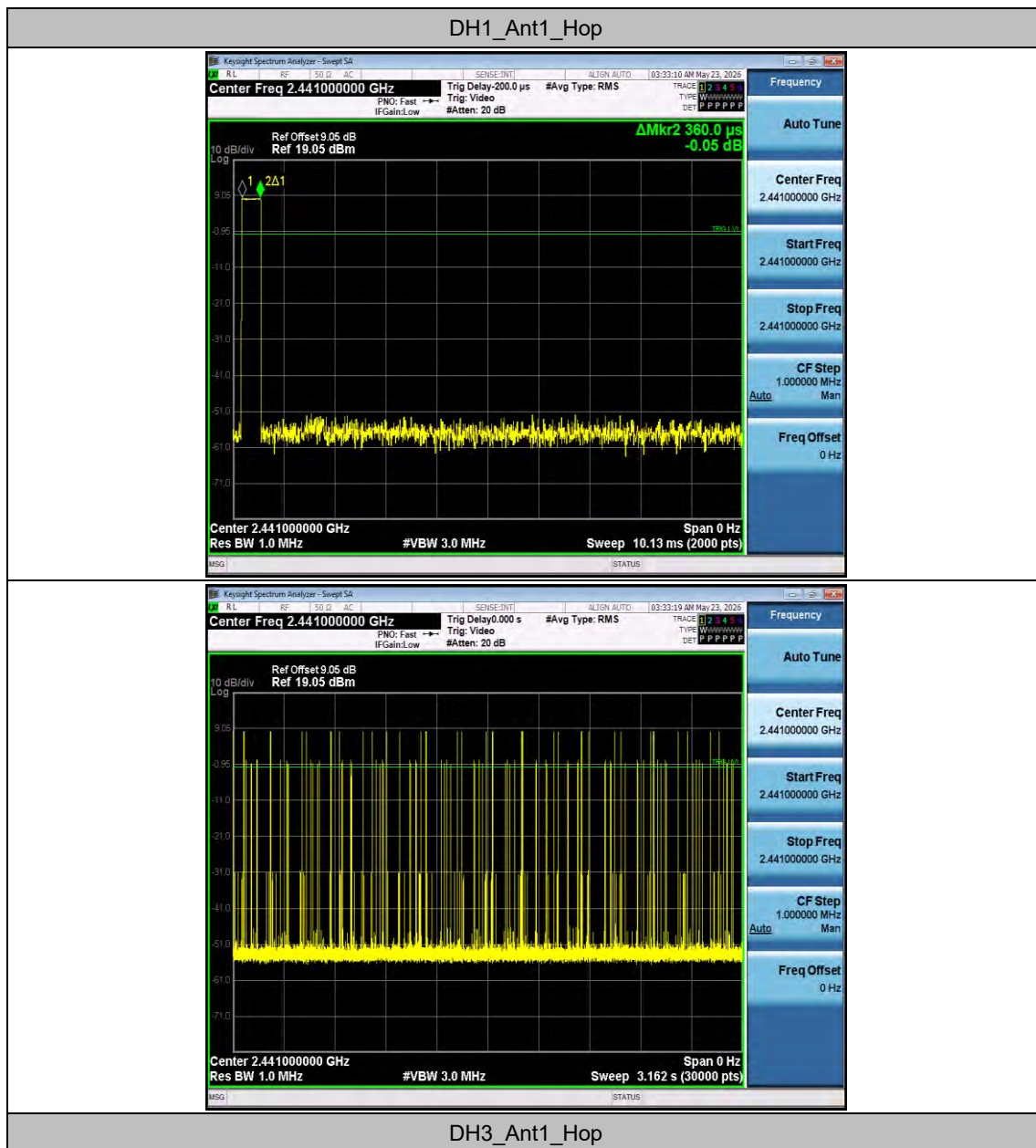


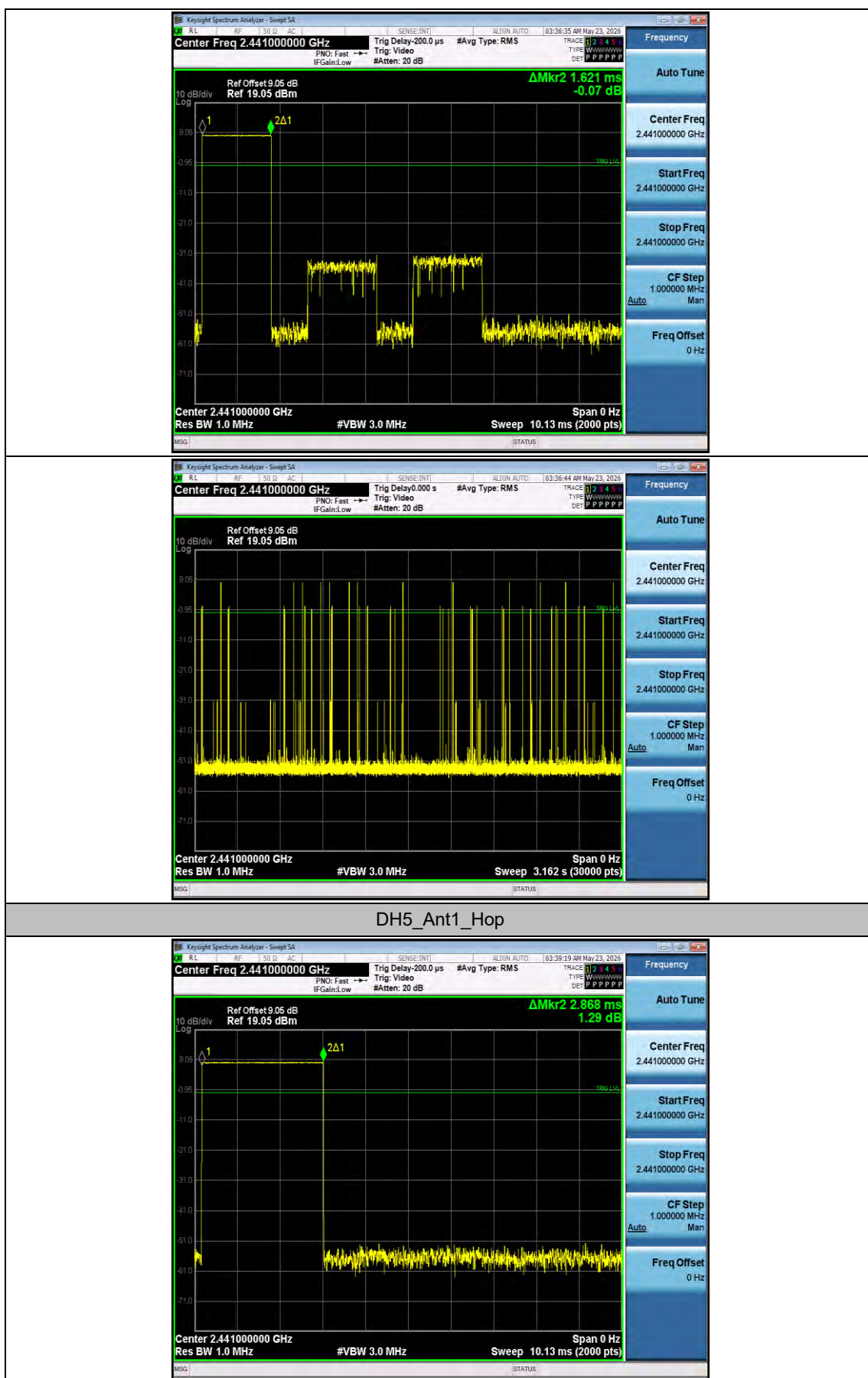
AppendixA.5: Time of occupancy

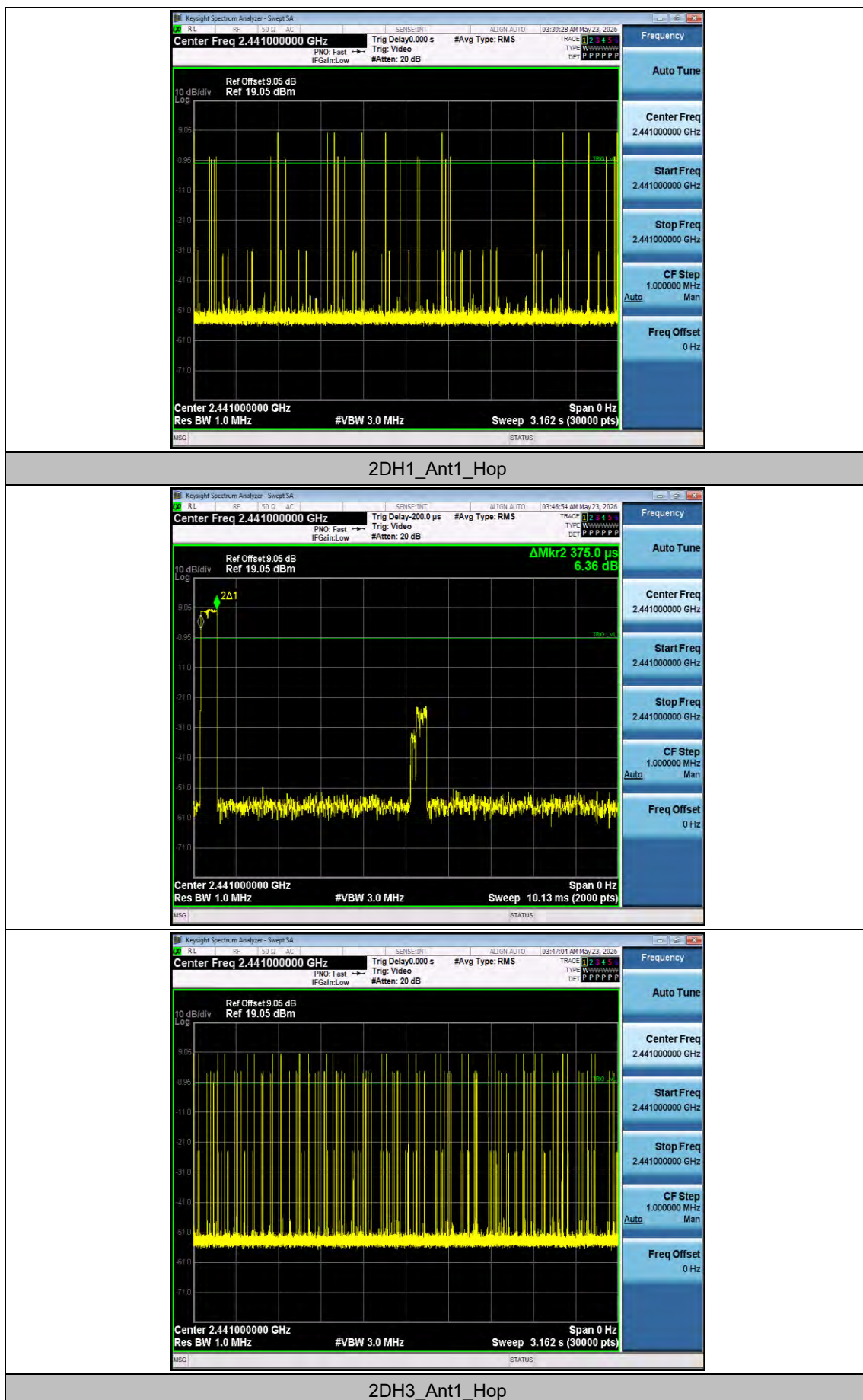
Test Result

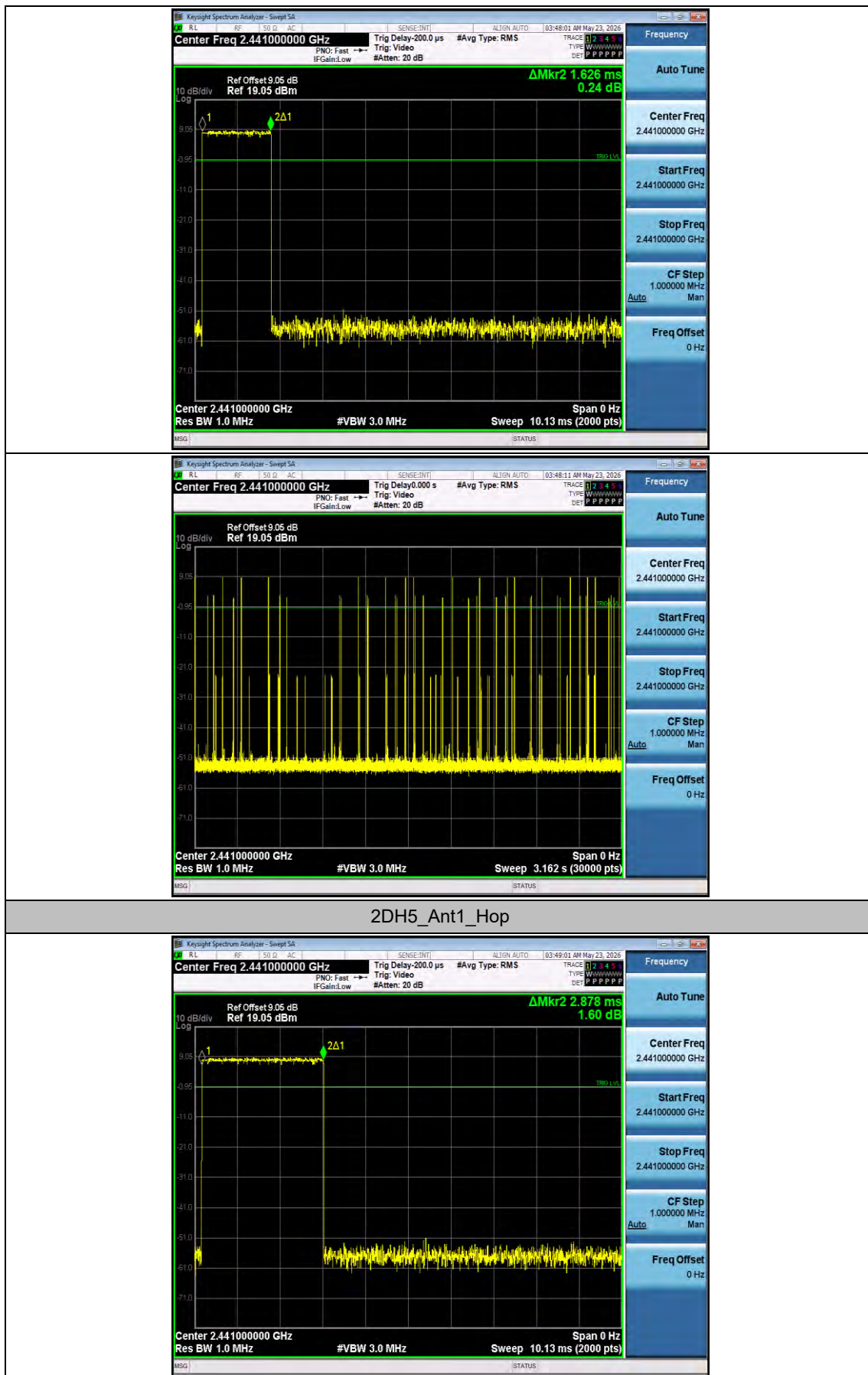
TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.360	320	0.115	≤0.4	PASS
DH3	Ant1	Hop	1.621	140	0.227	≤0.4	PASS
DH5	Ant1	Hop	2.868	100	0.287	≤0.4	PASS
2DH1	Ant1	Hop	0.375	320	0.12	≤0.4	PASS
2DH3	Ant1	Hop	1.626	170	0.276	≤0.4	PASS
2DH5	Ant1	Hop	2.878	40	0.115	≤0.4	PASS
3DH1	Ant1	Hop	0.370	330	0.122	≤0.4	PASS
3DH3	Ant1	Hop	1.620	130	0.211	≤0.4	PASS
3DH5	Ant1	Hop	2.870	90	0.258	≤0.4	PASS

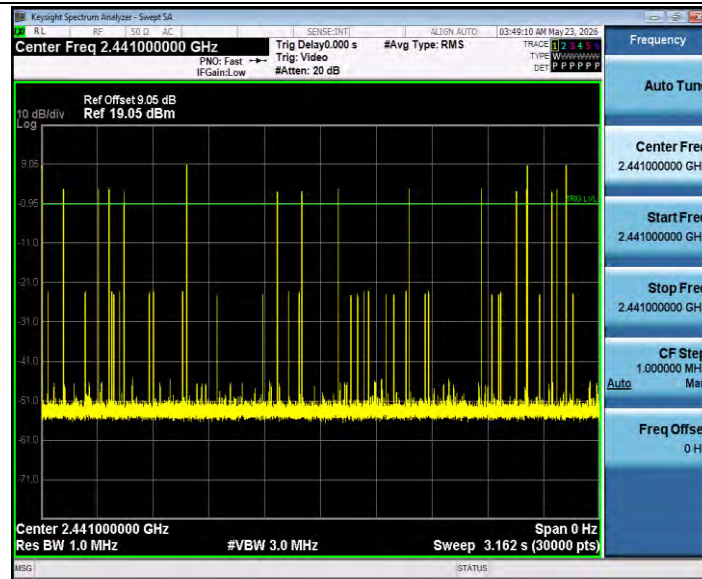
Test Graphs



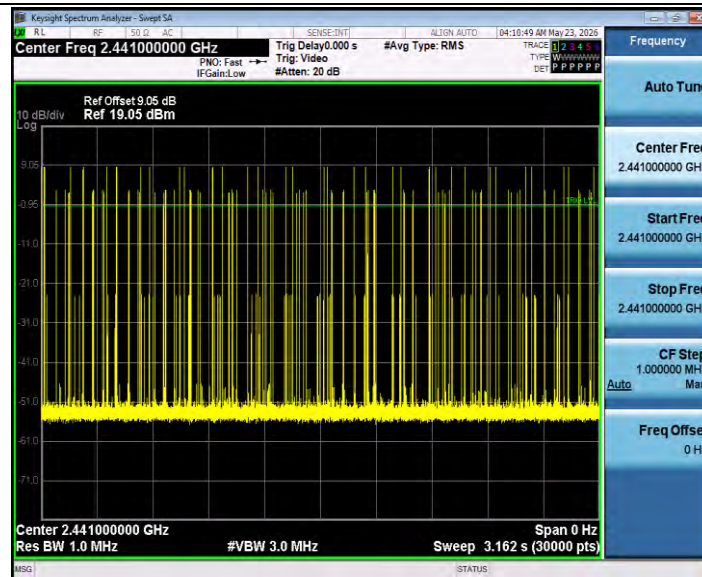
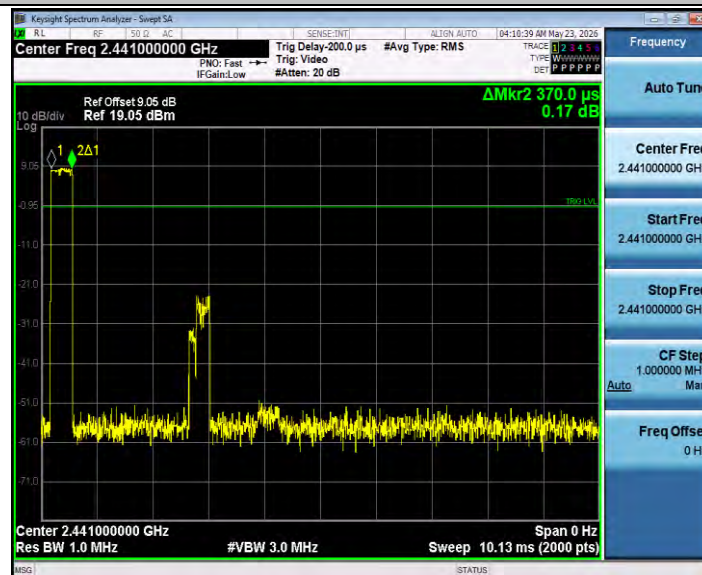




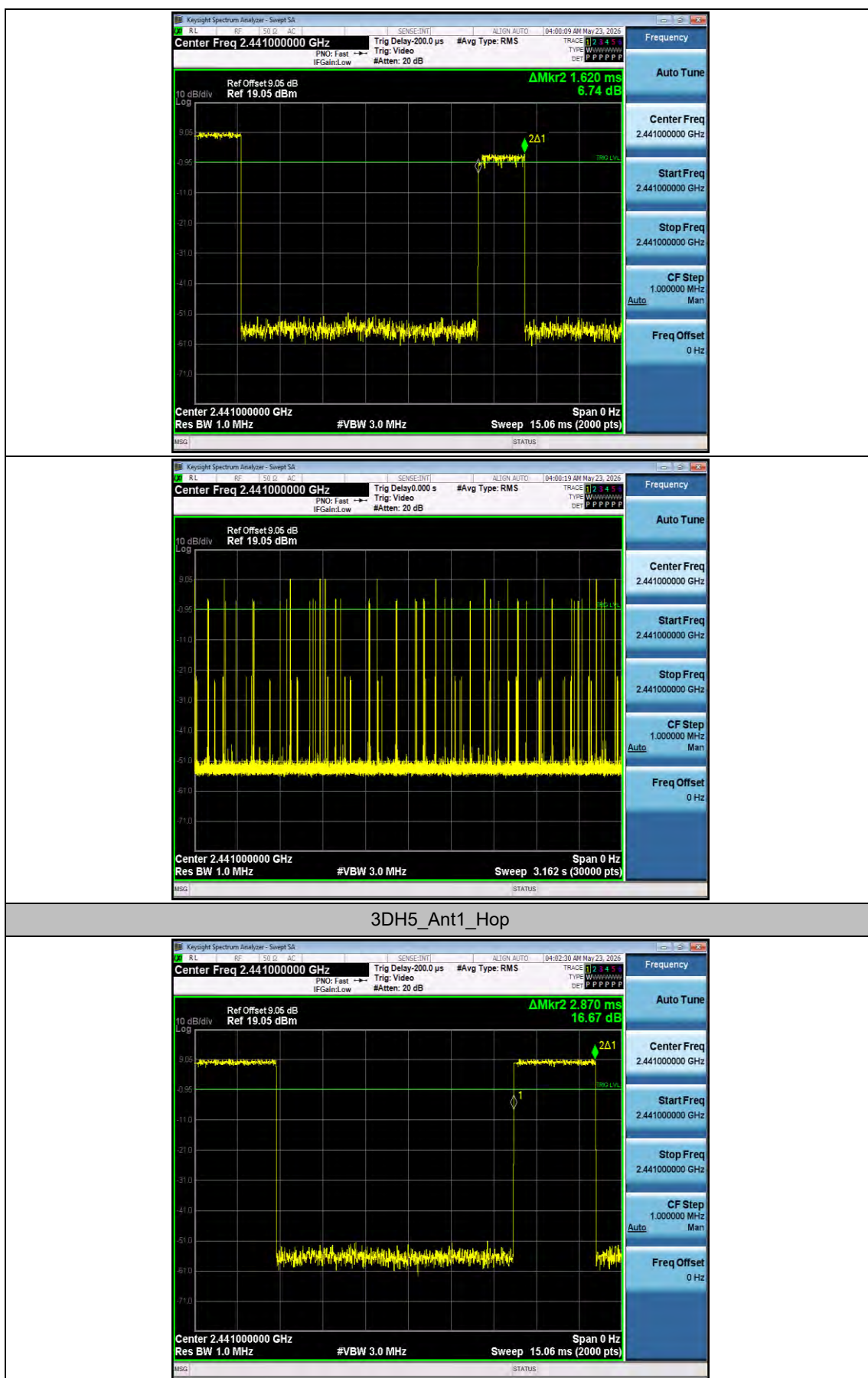




3DH1_Ant1_Hop



3DH3_Ant1_Hop



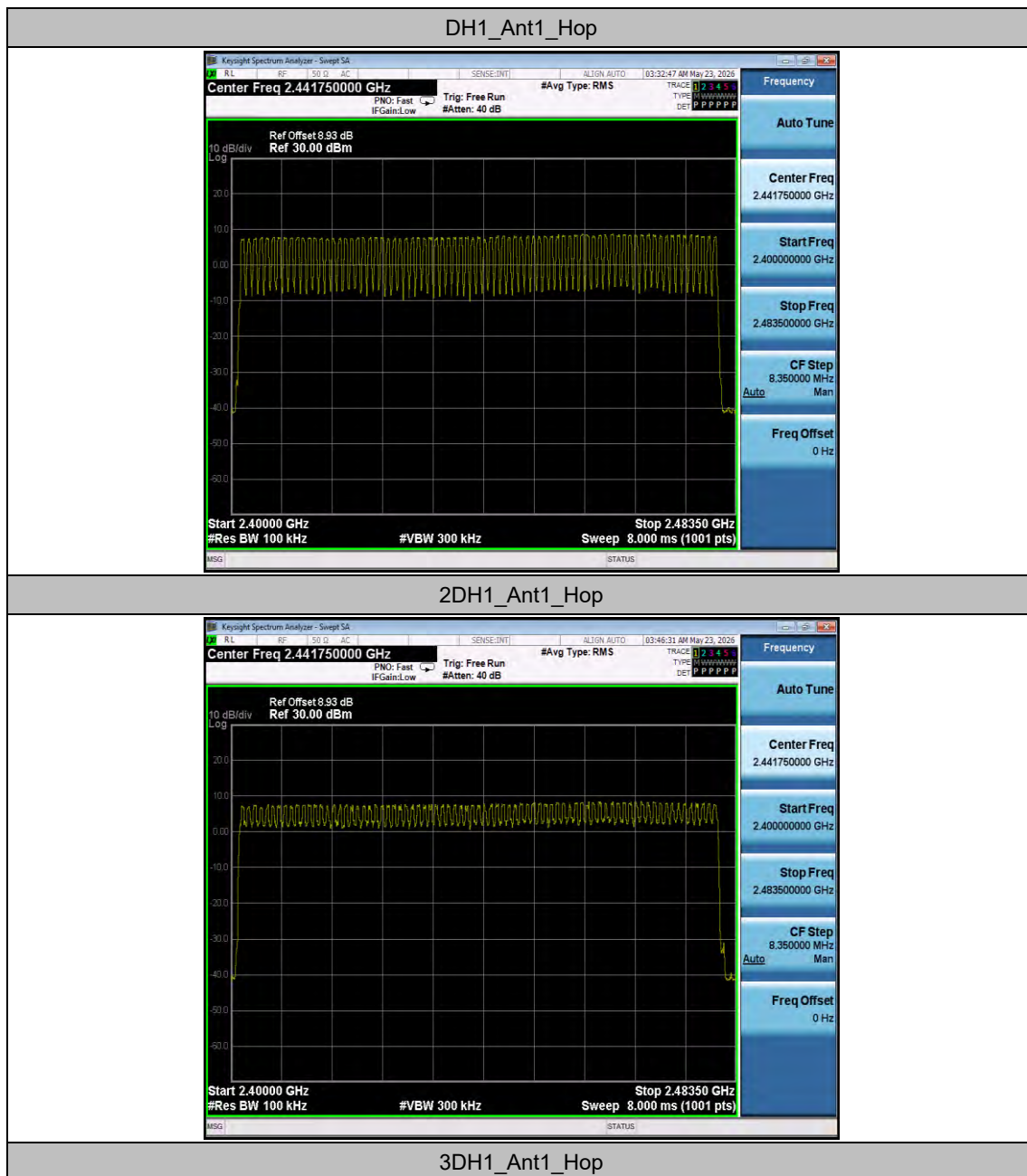


AppendixA.6: Number of hopping channels

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



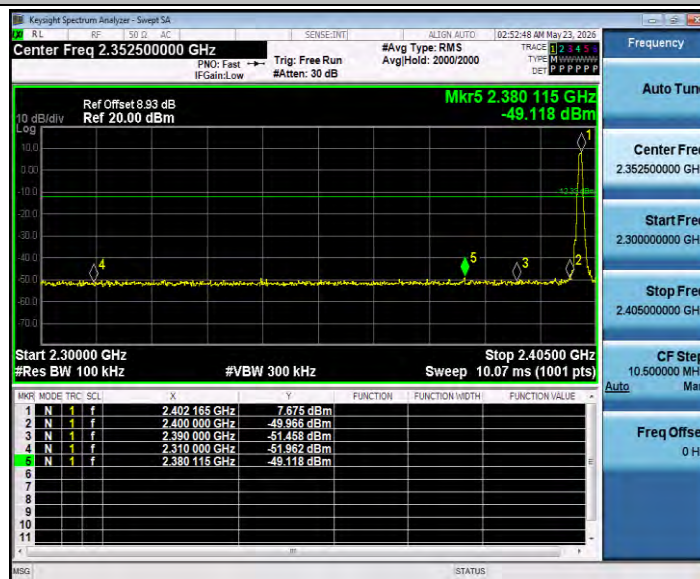
Appendix A.7: Band edge measurements

Test Result

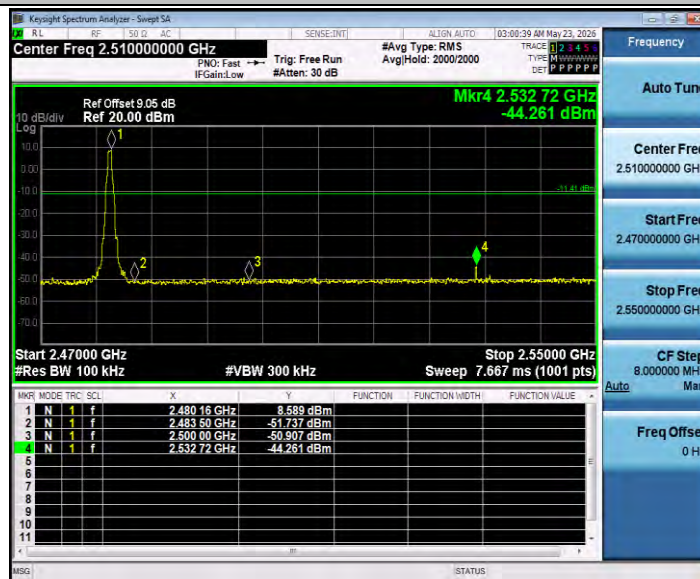
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	Low	2402	7.68	-49.12	≤ -12.33	PASS
		High	2480	8.59	-44.26	≤ -11.41	PASS
		Low	Hop_2402	7.45	-49.75	≤ -12.55	PASS
		High	Hop_2480	8.61	-49.07	≤ -11.39	PASS
2DH1	Ant1	Low	2402	7.40	-48.21	≤ -12.6	PASS
		High	2480	8.30	-48.62	≤ -11.7	PASS
		Low	Hop_2402	7.39	-50.04	≤ -12.61	PASS
		High	Hop_2480	8.54	-48.94	≤ -11.46	PASS
3DH1	Ant1	Low	2402	7.46	-47.86	≤ -12.54	PASS
		High	2480	8.33	-47.77	≤ -11.67	PASS
		Low	Hop_2402	7.50	-49.66	≤ -12.51	PASS
		High	Hop_2480	8.17	-48.47	≤ -11.83	PASS

Test Graphs

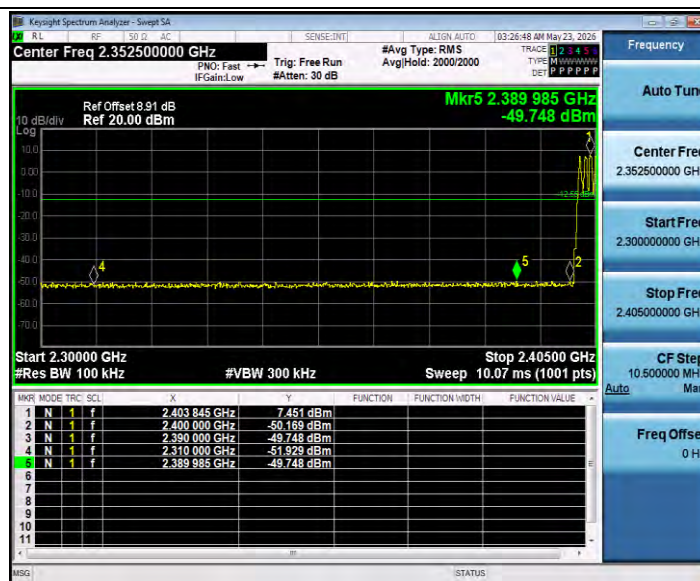
DH1_Ant1_Low_2402



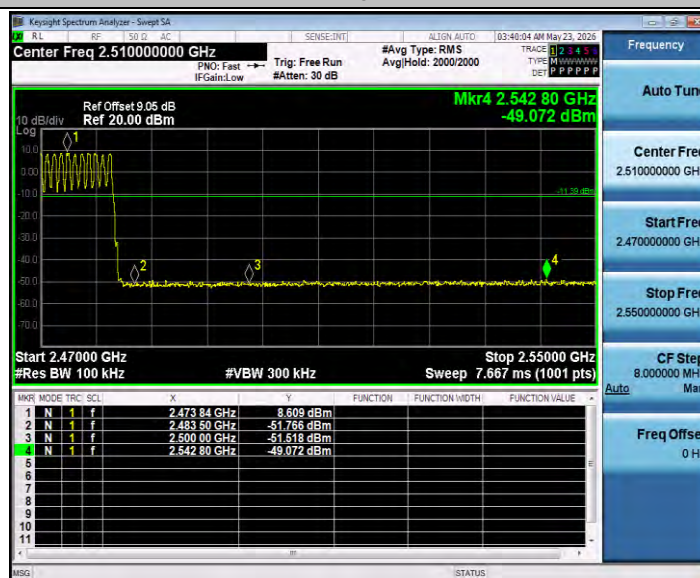
DH1_Ant1_High_2480



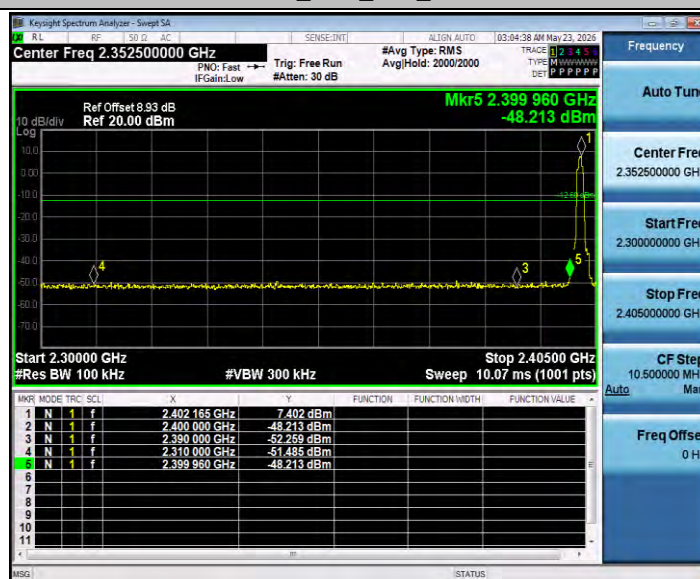
DH1_Ant1_Low_Hop_2402



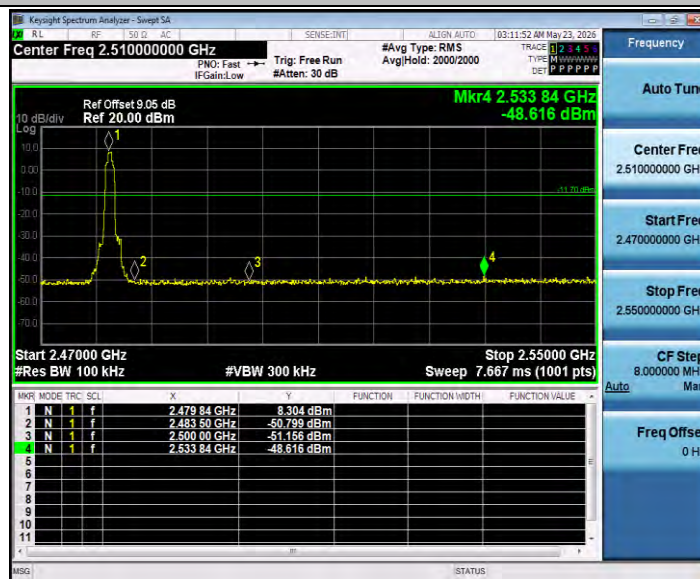
DH1_Ant1_High_Hop_2480



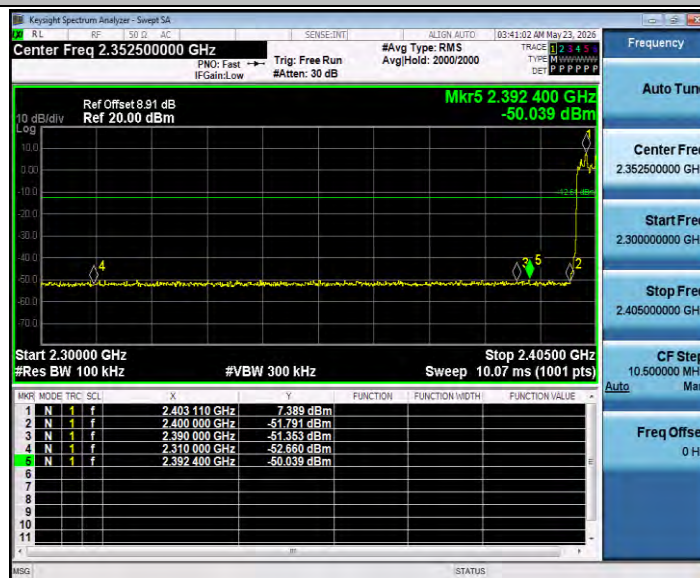
2DH1_Ant1_Low_2402



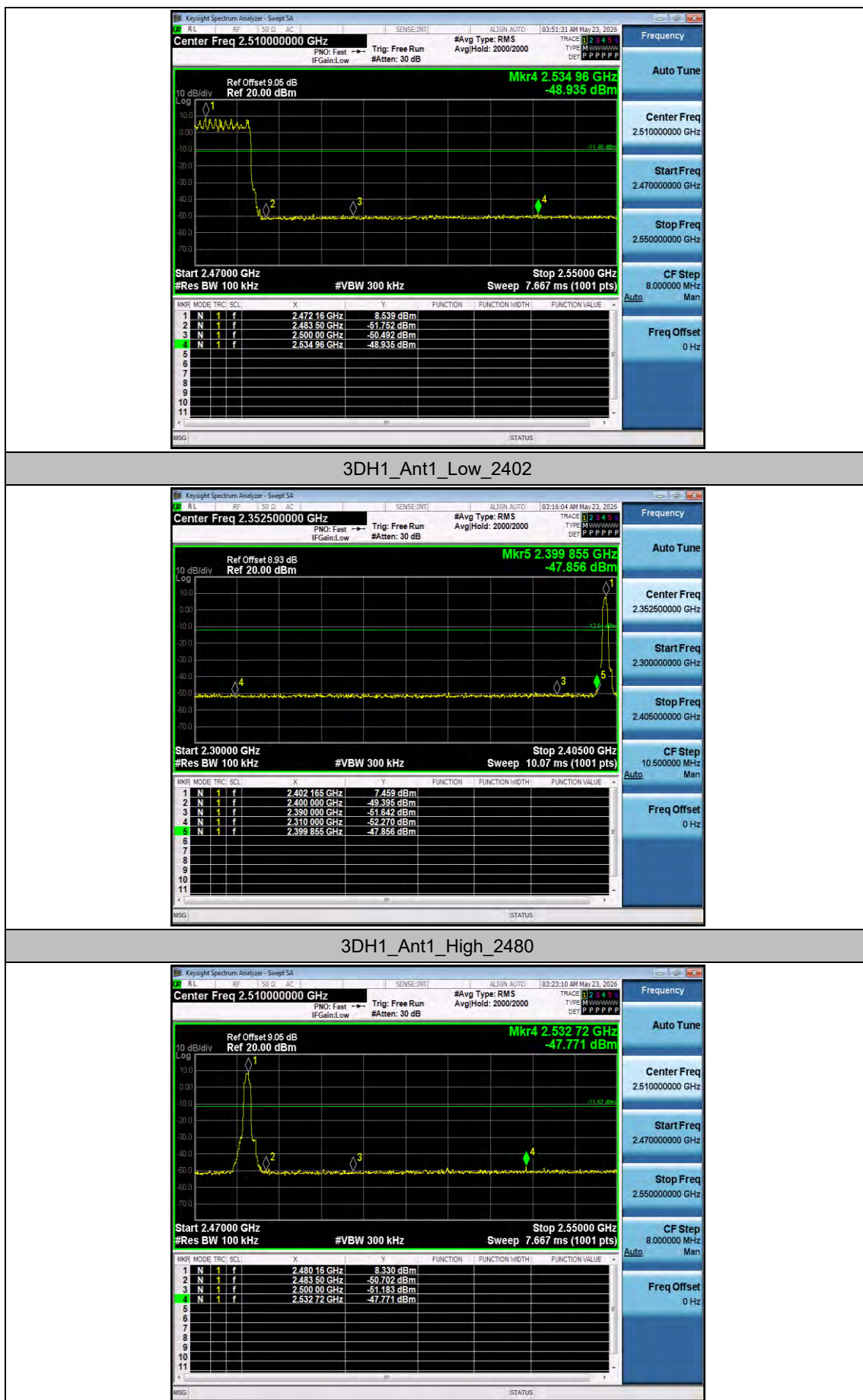
2DH1_Ant1_High_2480



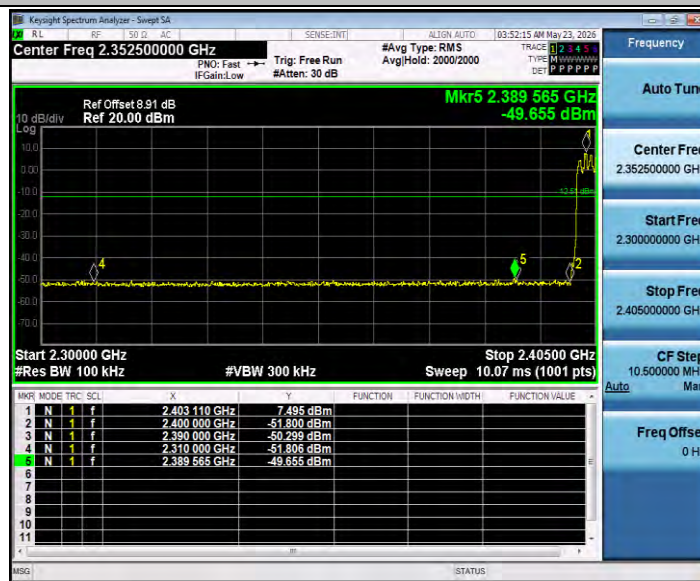
2DH1_Ant1_Low_Hop_2402



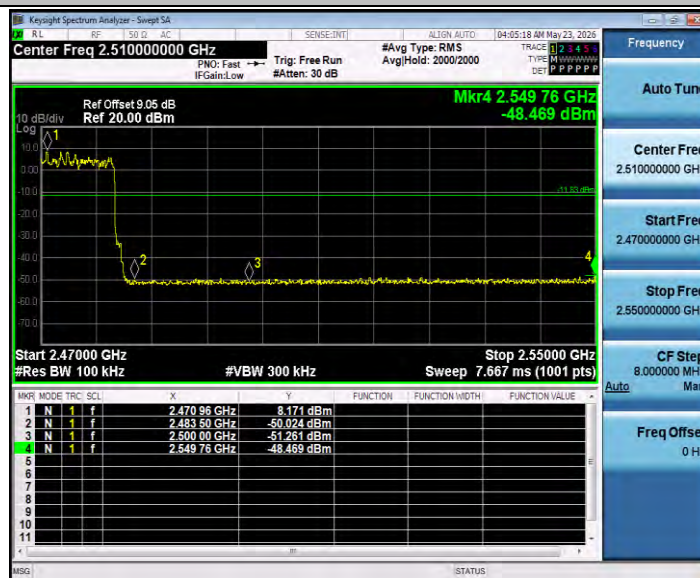
2DH1_Ant1_High_Hop_2480



3DH1_Ant1_Low_Hop_2402



3DH1_Ant1_High_Hop_2480

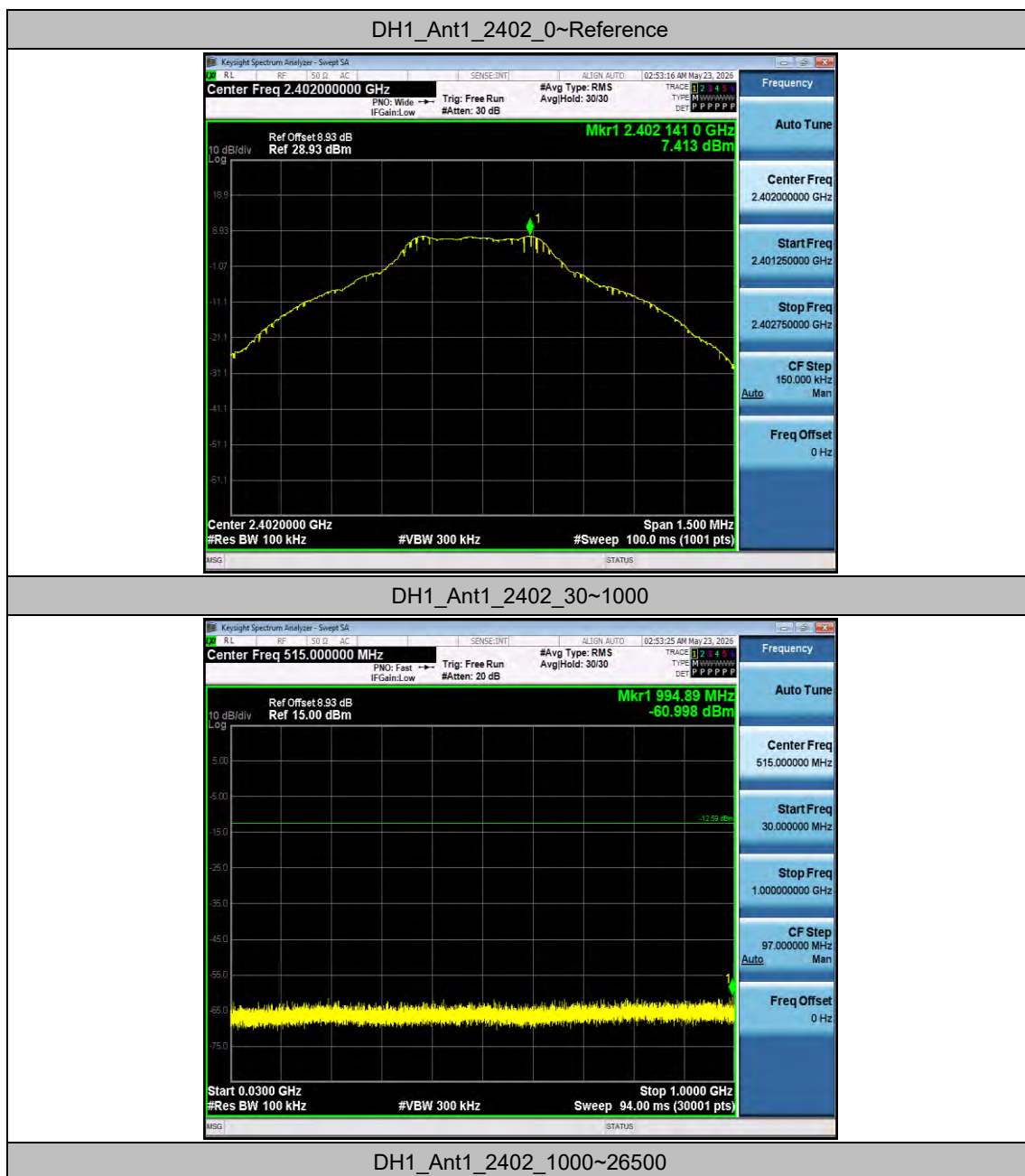


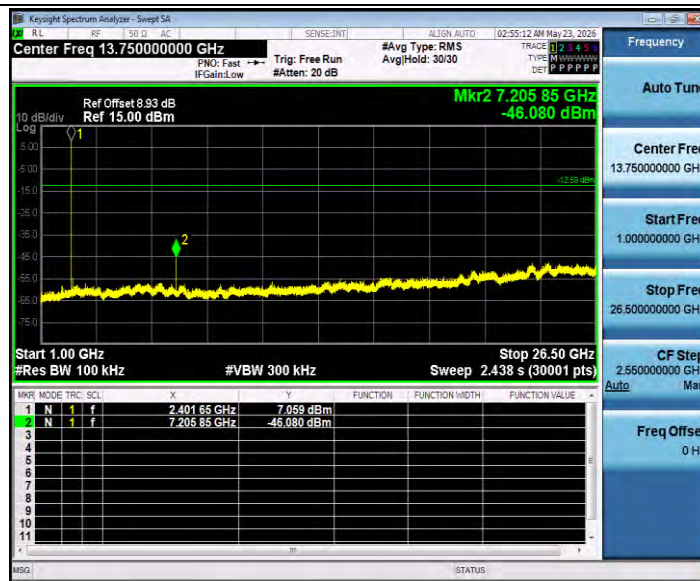
Appendix A.8: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	2402	Reference	7.41	7.41	---	PASS
			30~1000	7.41	-61	≤-12.59	PASS
			1000~26500	7.41	-46.08	≤-12.59	PASS
		2441	Reference	7.89	7.89	---	PASS
			30~1000	7.89	-59.73	≤-12.11	PASS
			1000~26500	7.89	-47.67	≤-12.11	PASS
		2480	Reference	8.24	8.24	---	PASS
			30~1000	8.24	-60.44	≤-11.76	PASS
			1000~26500	8.24	-47.77	≤-11.76	PASS
2DH1	Ant1	2402	Reference	7.24	7.24	---	PASS
			30~1000	7.24	-60.54	≤-12.76	PASS
			1000~26500	7.24	-47.51	≤-12.76	PASS
		2441	Reference	7.70	7.70	---	PASS
			30~1000	7.70	-60.52	≤-12.3	PASS
			1000~26500	7.70	-47.28	≤-12.3	PASS
		2480	Reference	8.10	8.10	---	PASS
			30~1000	8.10	-60.58	≤-11.9	PASS
			1000~26500	8.10	-47.61	≤-11.9	PASS
3DH1	Ant1	2402	Reference	7.39	7.39	---	PASS
			30~1000	7.39	-60.79	≤-12.61	PASS
			1000~26500	7.39	-46.31	≤-12.61	PASS
		2441	Reference	7.86	7.86	---	PASS
			30~1000	7.86	-60.77	≤-12.14	PASS
			1000~26500	7.86	-47.54	≤-12.14	PASS
		2480	Reference	8.25	8.25	---	PASS
			30~1000	8.25	-60.57	≤-11.75	PASS
			1000~26500	8.25	-47.55	≤-11.75	PASS

Test Graphs

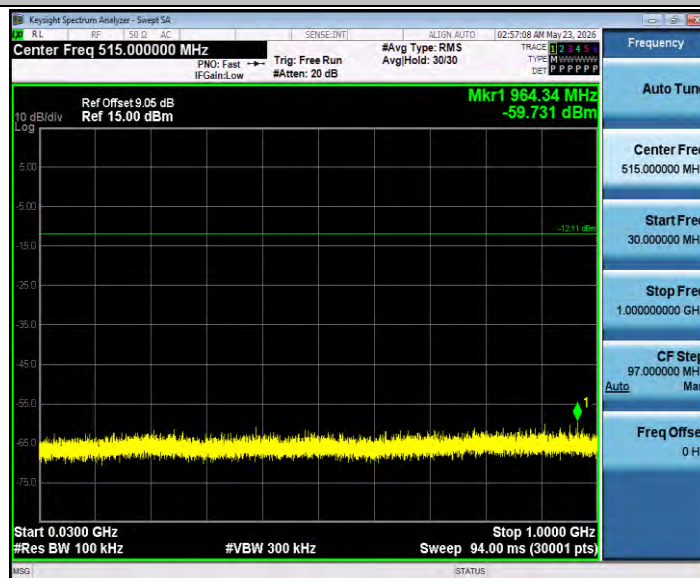




DH1_Ant1_2441_0~Reference



DH1_Ant1_2441_30~1000



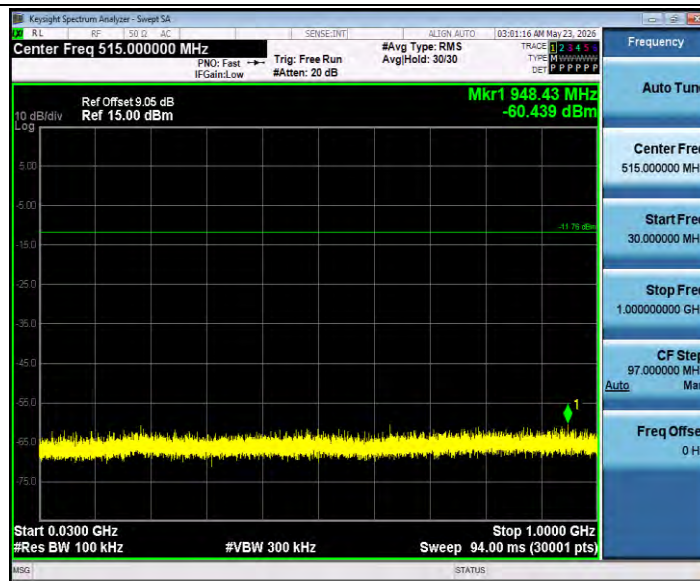
DH1_Ant1_2441_1000~26500



DH1_Ant1_2480_0~Reference



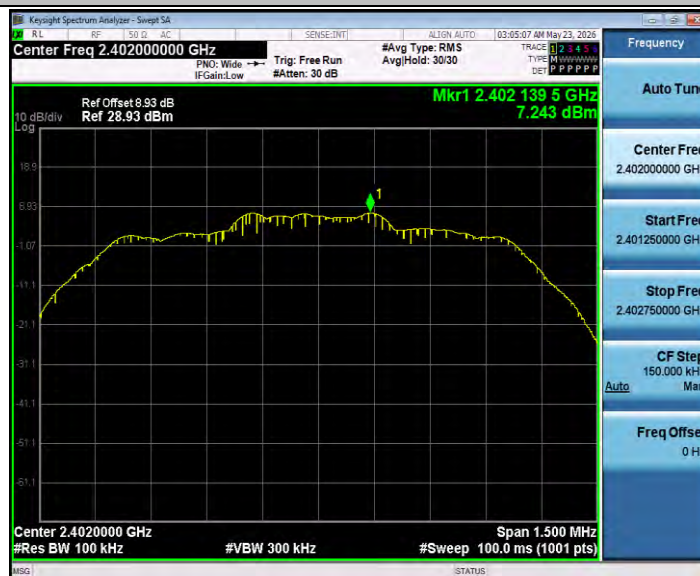
DH1_Ant1_2480_30~1000

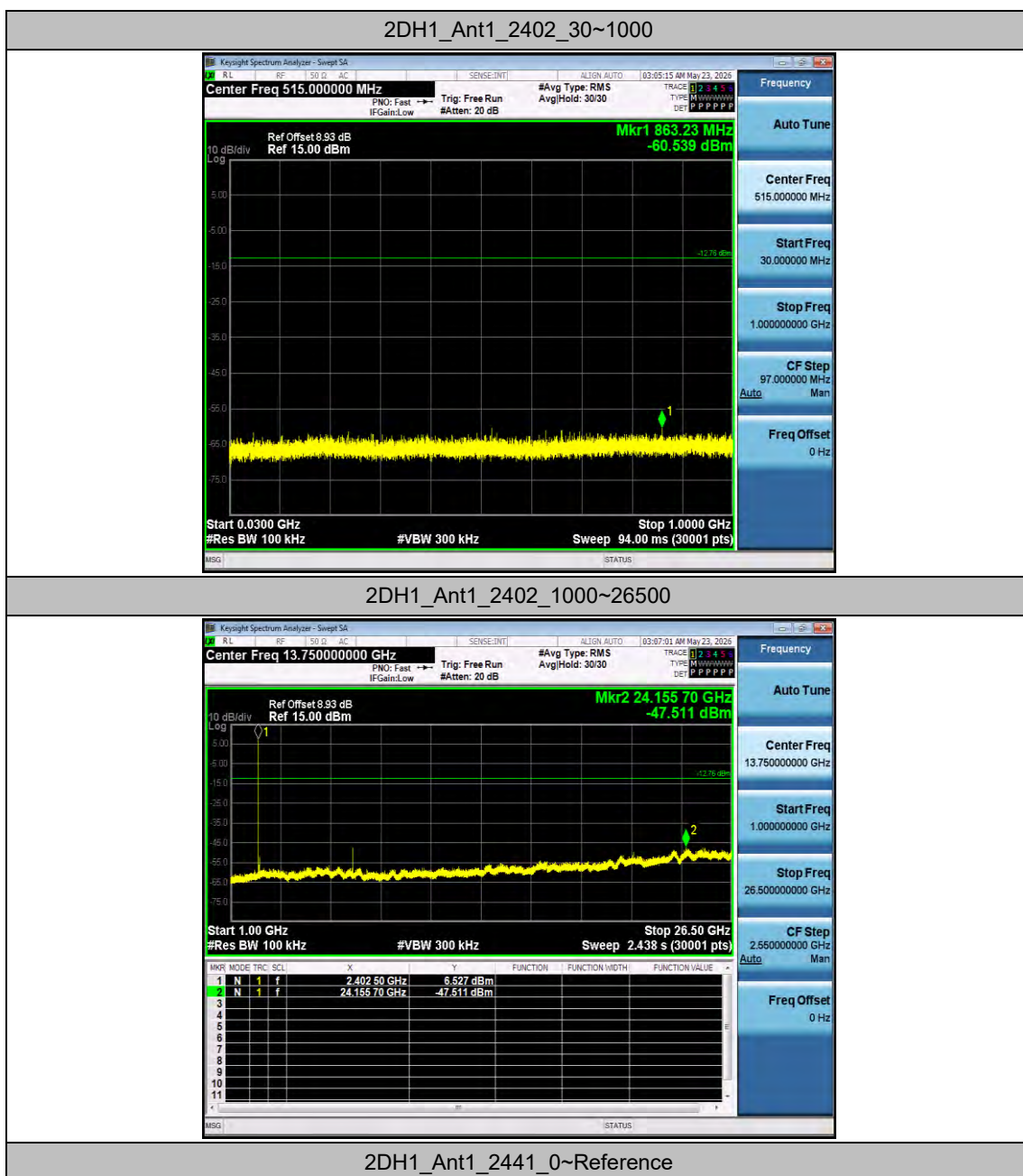


DH1_Ant1_2480_1000~26500



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



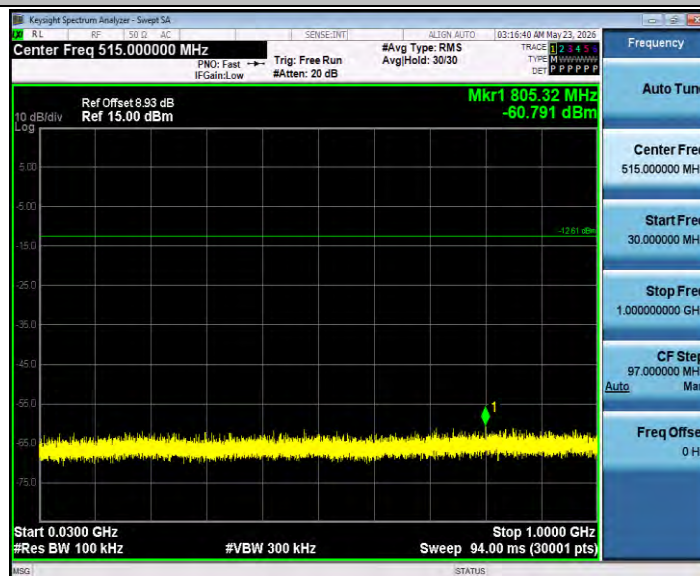
2DH1_Ant1_2480_1000~26500



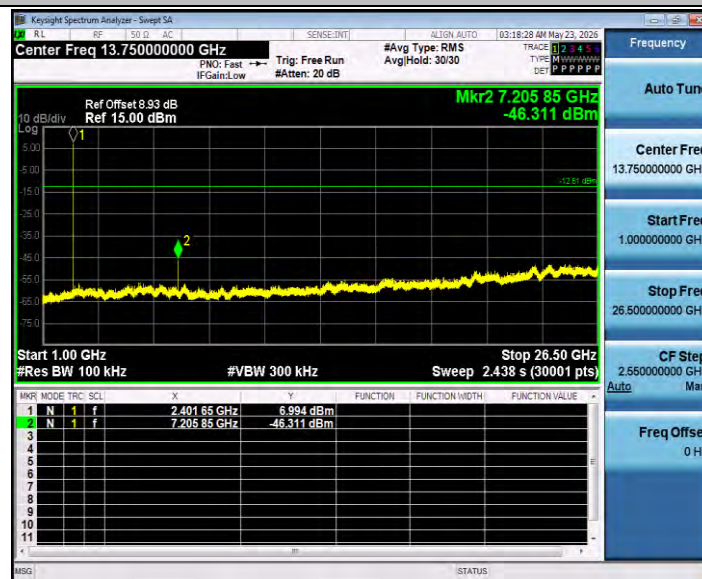
3DH1_Ant1_2402_0~Reference



3DH1_Ant1_2402_30~1000



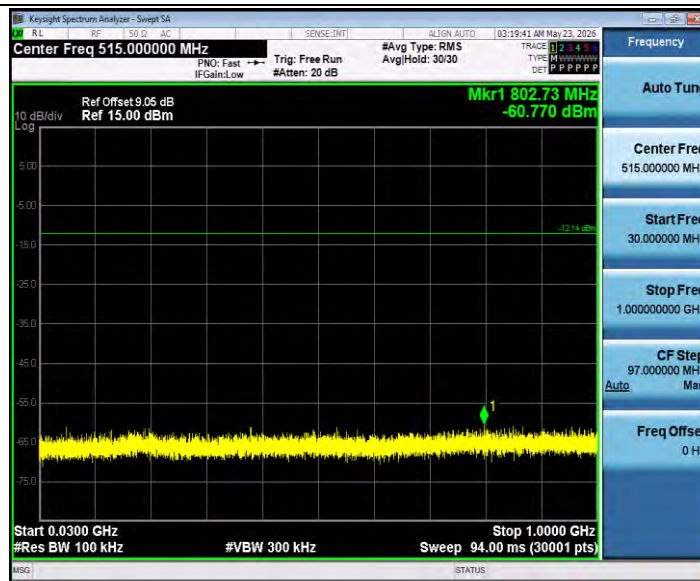
3DH1_Ant1_2402_1000~26500



3DH1_Ant1_2441_0~Reference



3DH1_Ant1_2441_30~1000



3DH1_Ant1_2441_1000~26500



3DH1_Ant1_2480_0~Reference



