

Case No. : <u>GTS20251226016-2-11</u>
Ambient Condition: <u>24</u> °C, <u>59</u> %RH
According Standard: ■Part15C
Test Date: <u>2026.4.23-2026.6.6</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	0.882	2401.544	2402.426	---	---
		2441	0.897	2440.541	2441.438	---	---
		2480	0.888	2479.535	2480.423	---	---
2DH1	Ant1	2402	1.263	2401.355	2402.618	---	---
		2441	1.260	2440.361	2441.621	---	---
		2480	1.242	2479.370	2480.612	---	---
3DH1	Ant1	2402	1.221	2401.391	2402.612	---	---
		2441	1.227	2440.385	2441.612	---	---
		2480	1.218	2479.394	2480.612	---	---

Test Graphs

DH1_Ant1_2402



DH1_Ant1_2441



DH1_Ant1_2480



2DH1_Ant1_2402



2DH1_Ant1_2441



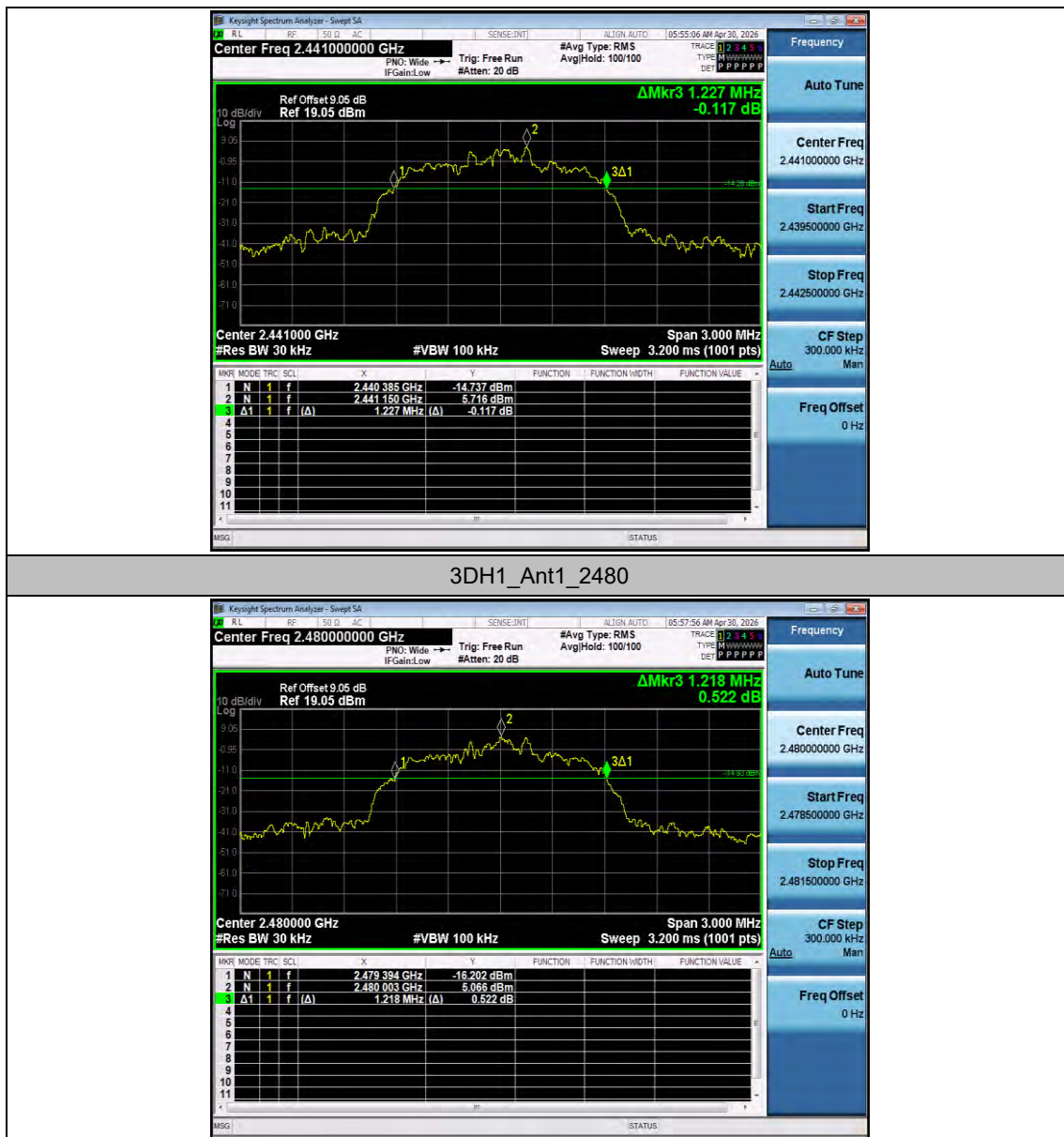
2DH1_Ant1_2480



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	0.81593	2401.5791	2402.3950	---	---
		2441	0.81847	2440.5783	2441.3968	---	---
		2480	0.81718	2479.5785	2480.3957	---	---
2DH1	Ant1	2402	1.1577	2401.4057	2402.5634	---	---
		2441	1.1569	2440.4053	2441.5622	---	---
		2480	1.1604	2479.4018	2480.5622	---	---
3DH1	Ant1	2402	1.1451	2401.4244	2402.5695	---	---
		2441	1.1435	2440.4241	2441.5676	---	---
		2480	1.1489	2479.4228	2480.5717	---	---

Test Graphs

DH1_Ant1_2402



DH1_Ant1_2441



DH1_Ant1_2480



2DH1_Ant1_2402



2DH1_Ant1_2441



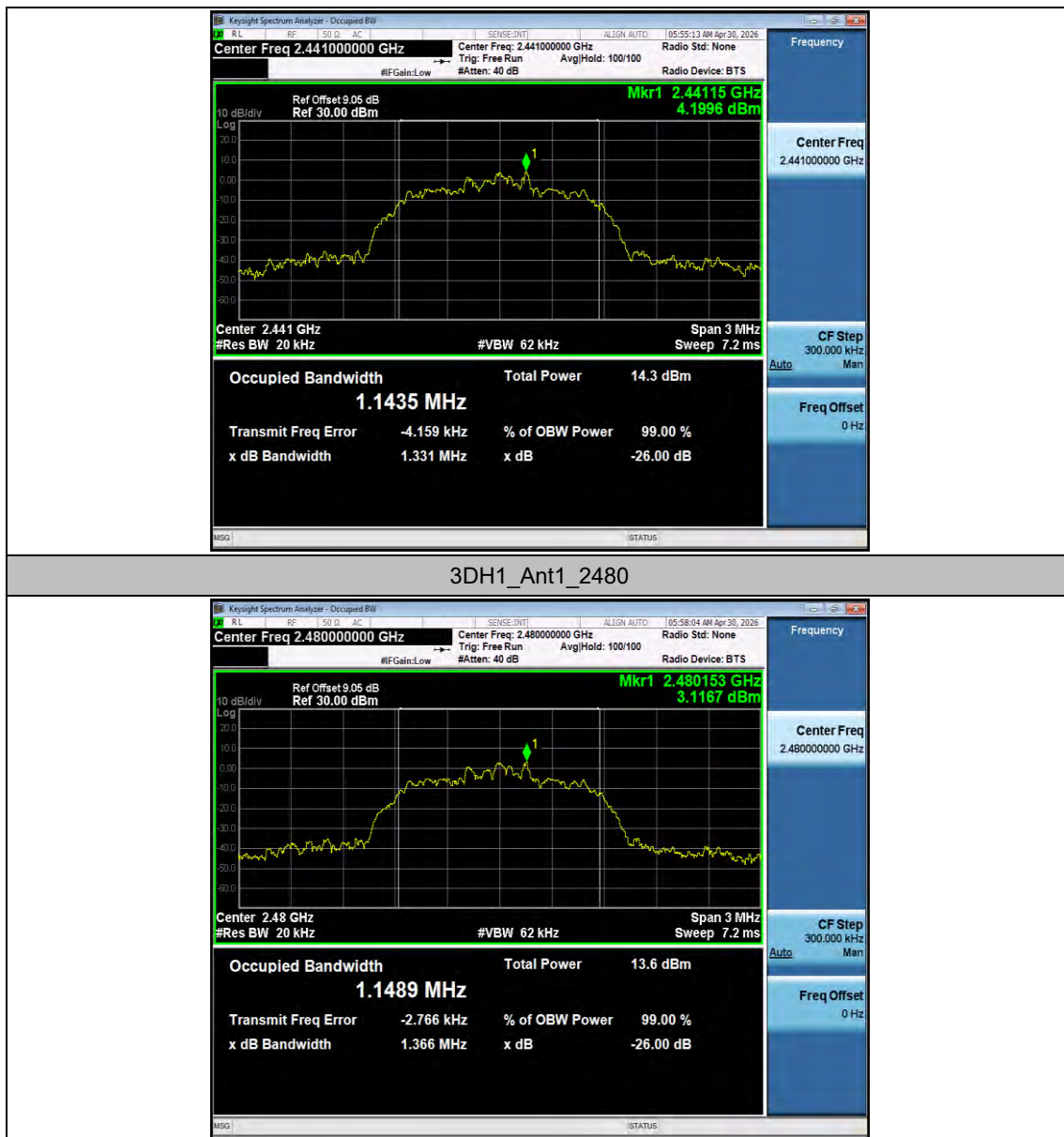
2DH1_Ant1_2480



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	9.02	≤ 20.29	PASS
		2441	9.28	≤ 20.29	PASS
		2480	8.32	≤ 20.29	PASS
2DH1	Ant1	2402	9.83	≤ 20.29	PASS
		2441	10.08	≤ 20.29	PASS
		2480	9.14	≤ 20.29	PASS
3DH1	Ant1	2402	10.14	≤ 20.29	PASS
		2441	10.48	≤ 20.29	PASS
		2480	9.40	≤ 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	1.32	≥ 0.598	PASS
		Hop_2441	0.858	≥ 0.598	PASS
		Hop_2480	1.004	≥ 0.598	PASS
2DH1	Ant1	Hop_2402	1.322	≥ 0.842	PASS
		Hop_2441	1.312	≥ 0.842	PASS
		Hop_2480	0.994	≥ 0.842	PASS
3DH1	Ant1	Hop_2402	1.326	≥ 0.818	PASS
		Hop_2441	1.312	≥ 0.818	PASS
		Hop_2480	0.994	≥ 0.818	PASS

Test Graphs

DH1_Ant1_Hop_2402



DH1_Ant1_Hop_2441



DH1_Ant1_Hop_2480



2D11_Ant1_Hop_2402



2D11_Ant1_Hop_2441



2DH1_Ant1_Hop_2480



3DH1_Ant1_Hop_2402



3DH1_Ant1_Hop_2441

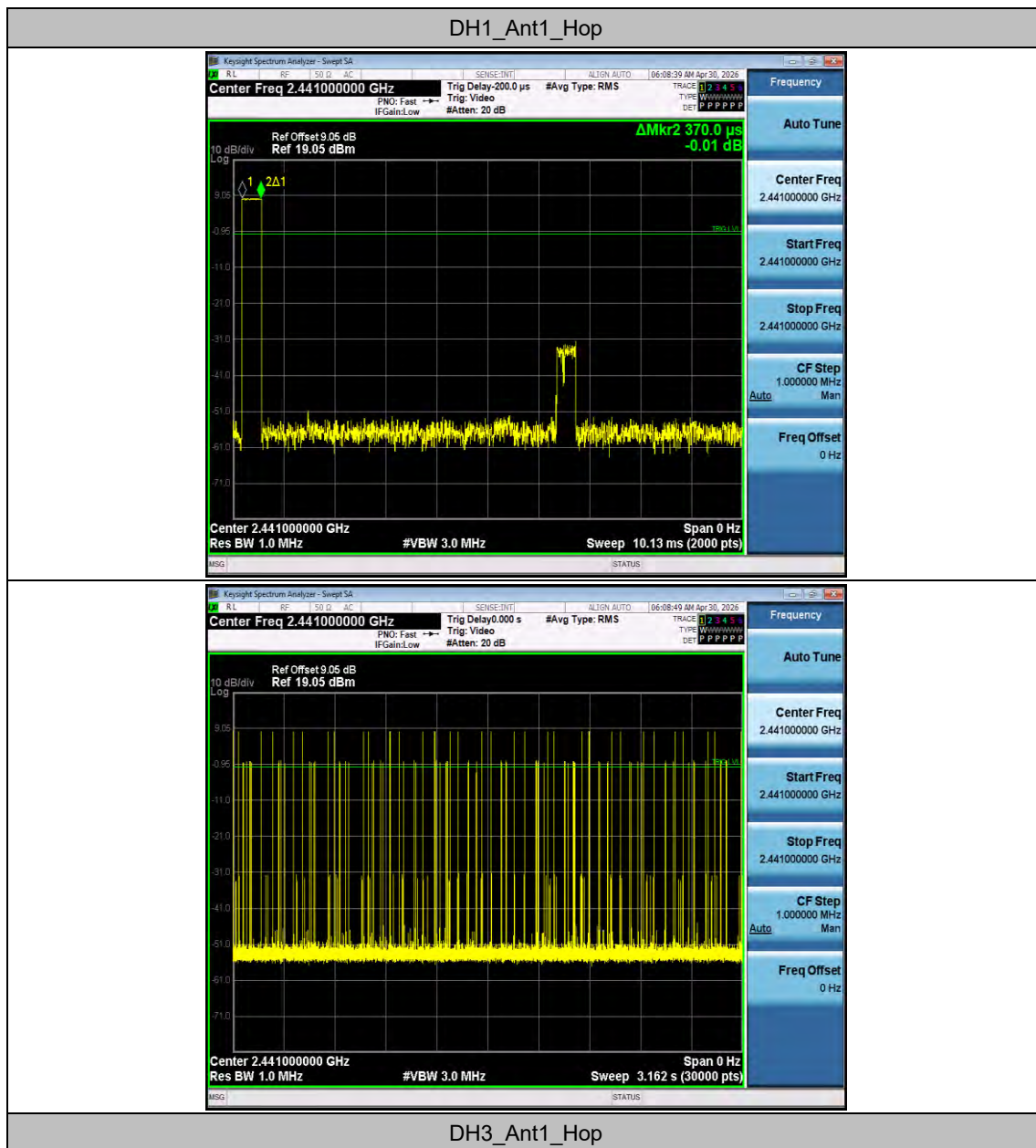


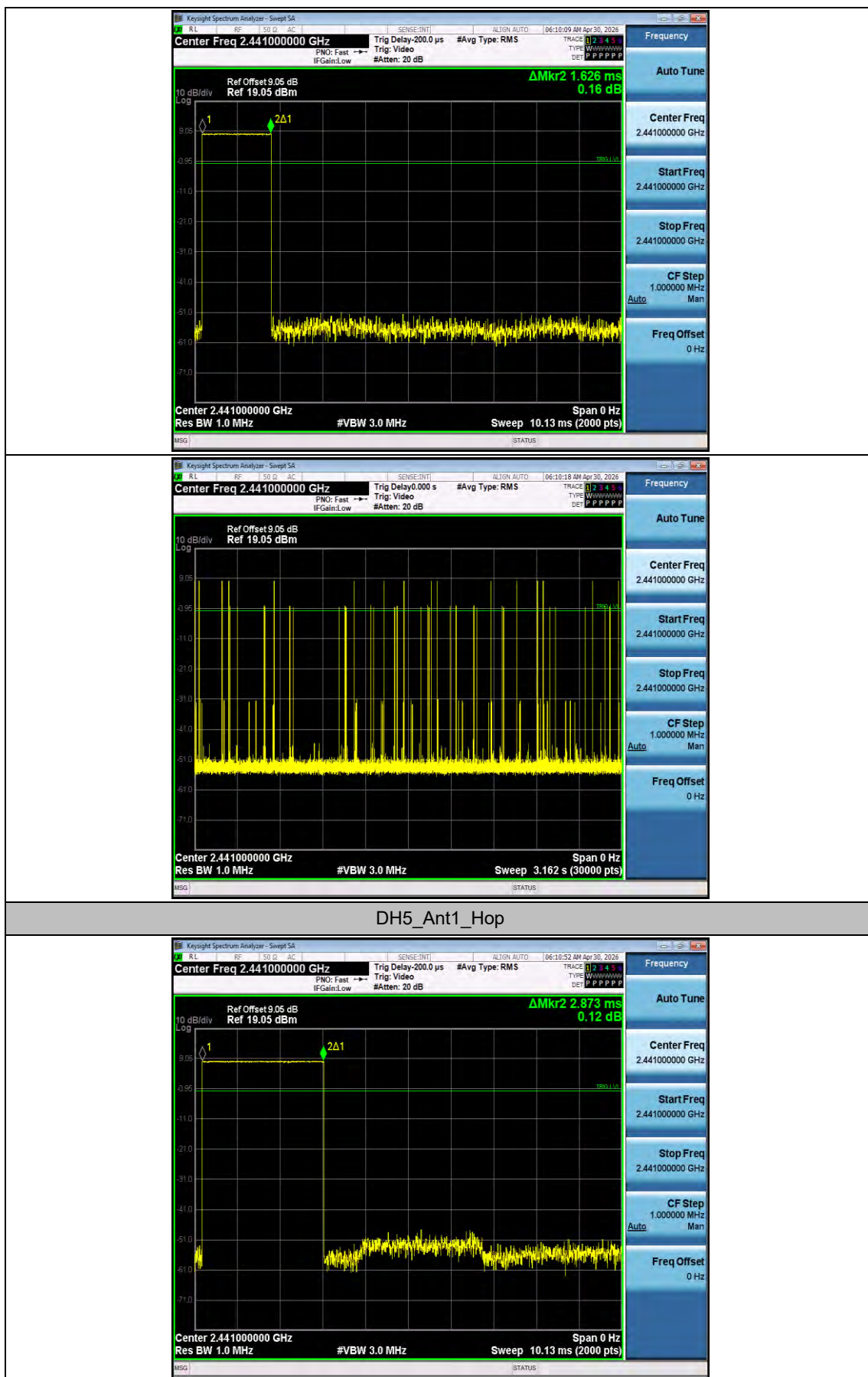
AppendixA.5: Time of occupancy

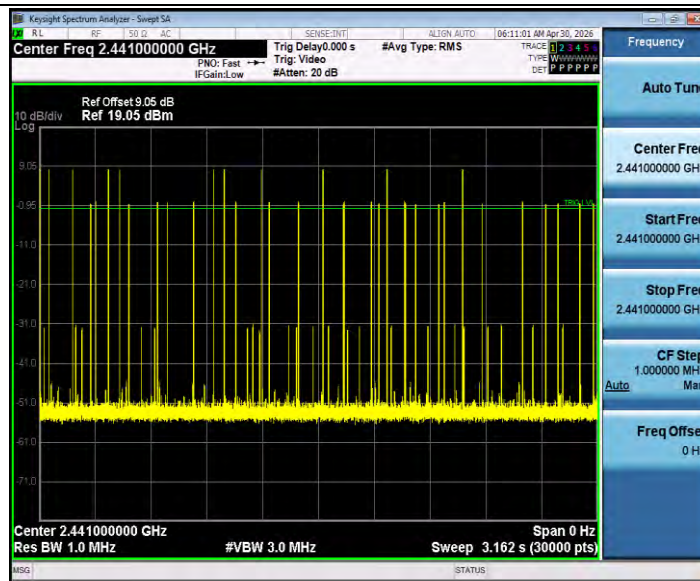
Test Result

TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.370	330	0.122	≤0.4	PASS
DH3	Ant1	Hop	1.626	160	0.26	≤0.4	PASS
DH5	Ant1	Hop	2.873	110	0.316	≤0.4	PASS
2DH1	Ant1	Hop	0.380	330	0.125	≤0.4	PASS
2DH3	Ant1	Hop	1.631	170	0.277	≤0.4	PASS
2DH5	Ant1	Hop	2.878	130	0.374	≤0.4	PASS
3DH1	Ant1	Hop	0.380	320	0.122	≤0.4	PASS
3DH3	Ant1	Hop	1.626	180	0.293	≤0.4	PASS
3DH5	Ant1	Hop	2.883	80	0.231	≤0.4	PASS

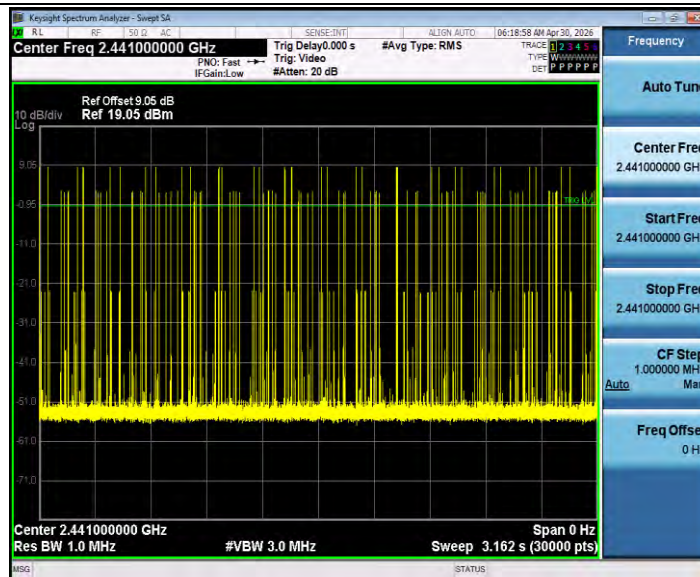
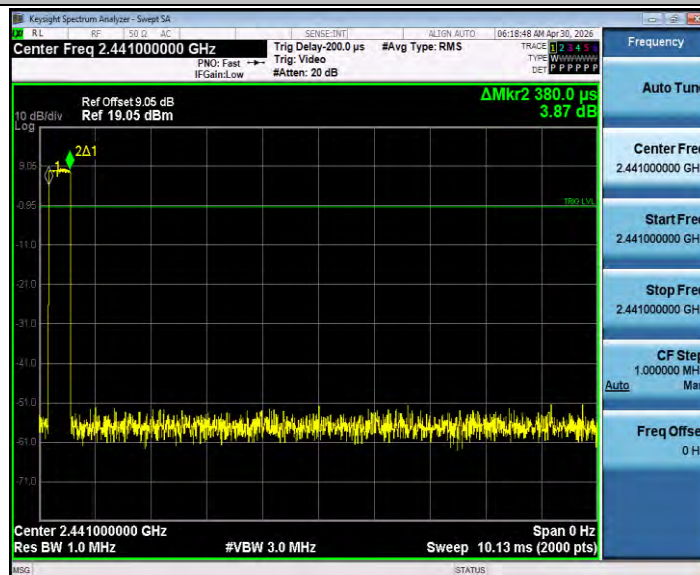
Test Graphs



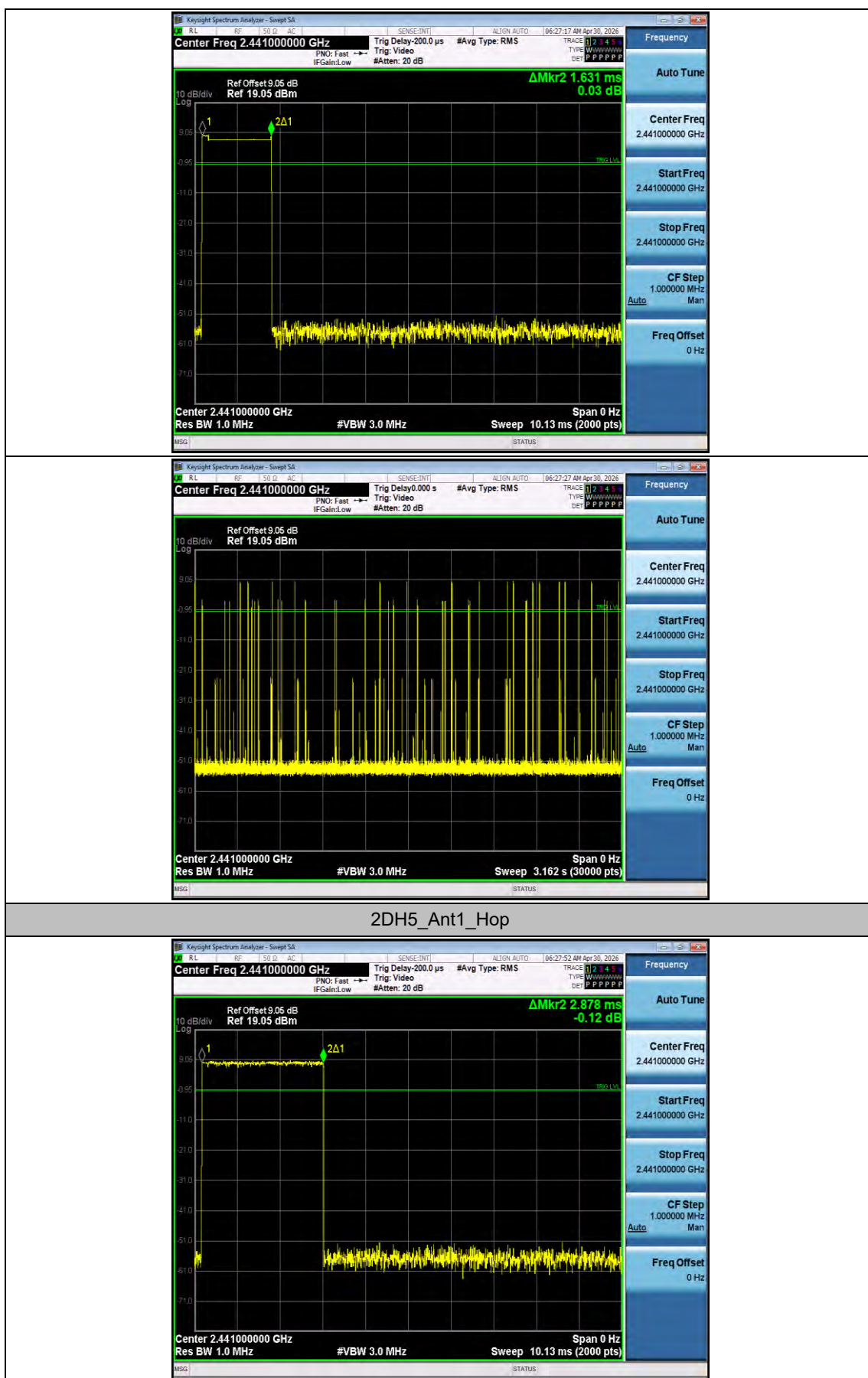


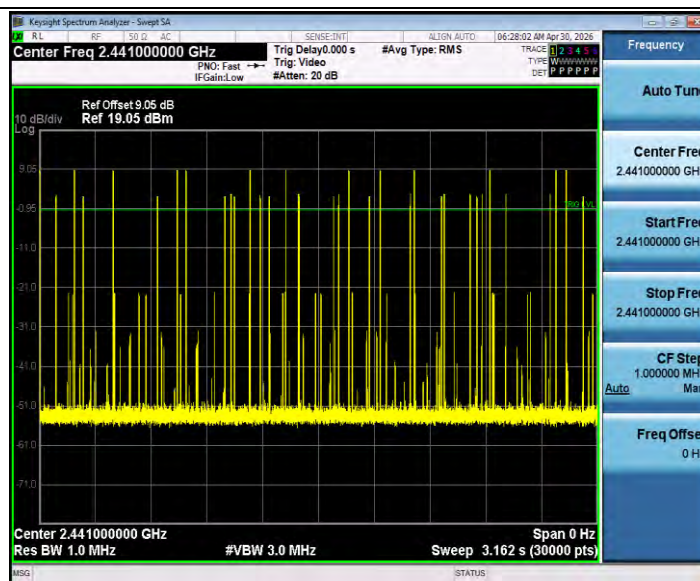


2DH1_Ant1_Hop

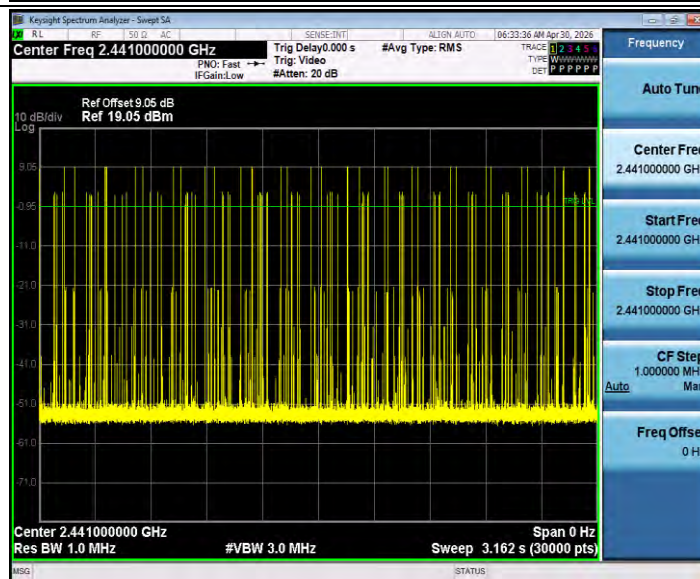
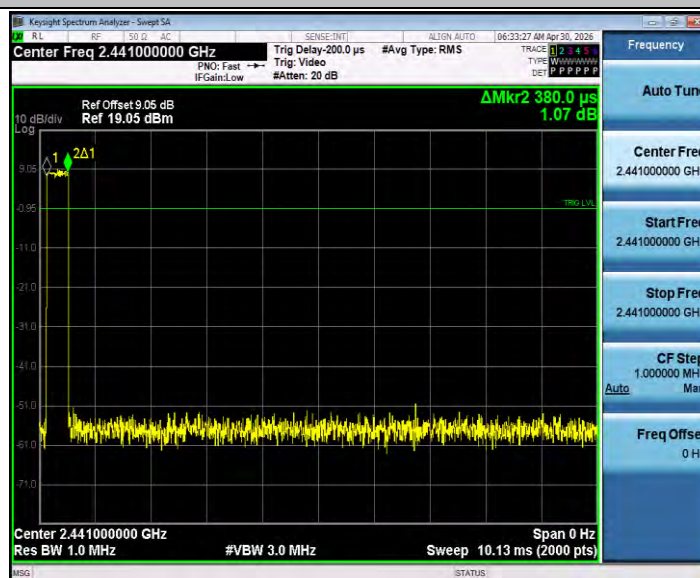


2DH3_Ant1_Hop

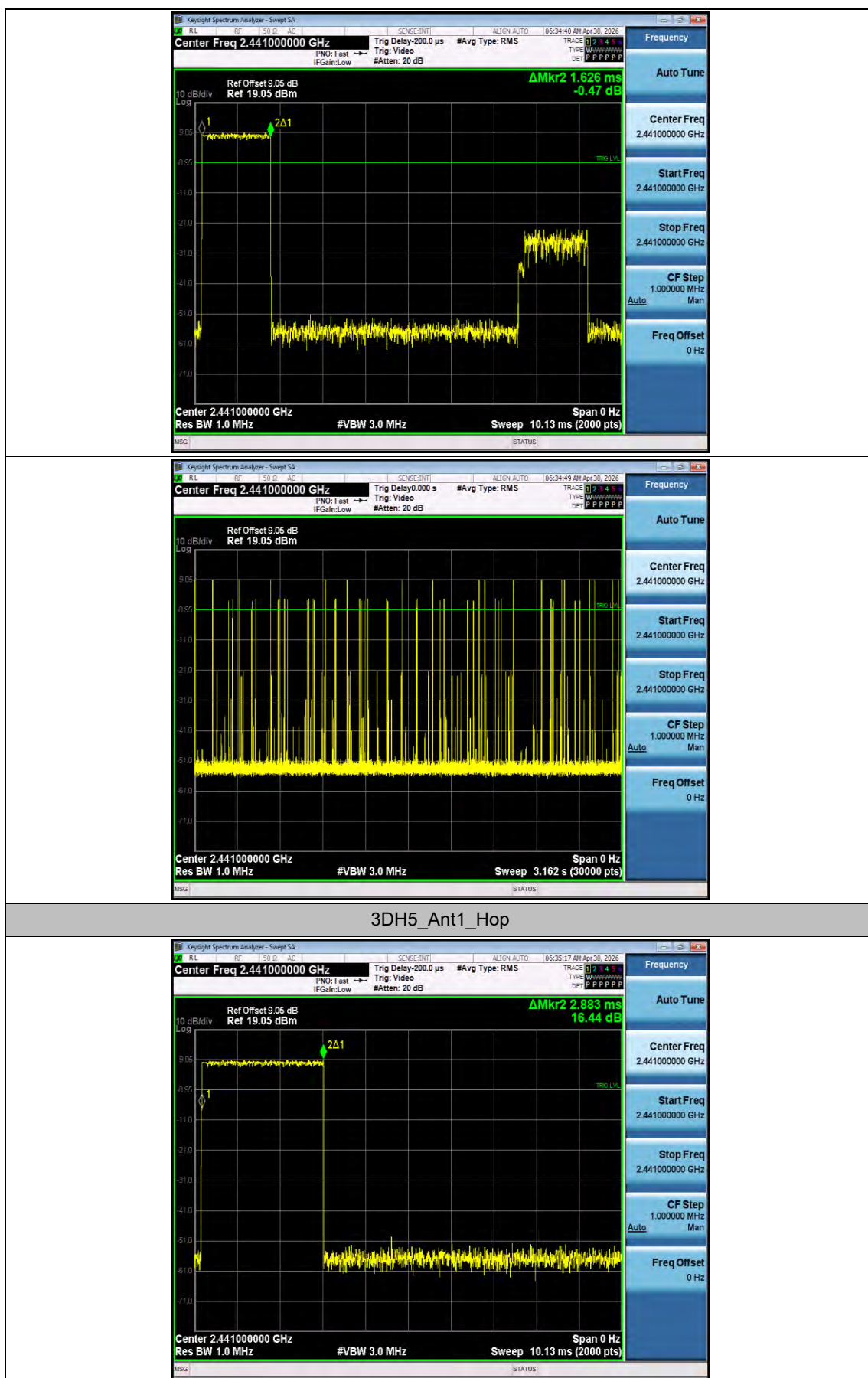




3DH1_Ant1_Hop



3DH3_Ant1_Hop



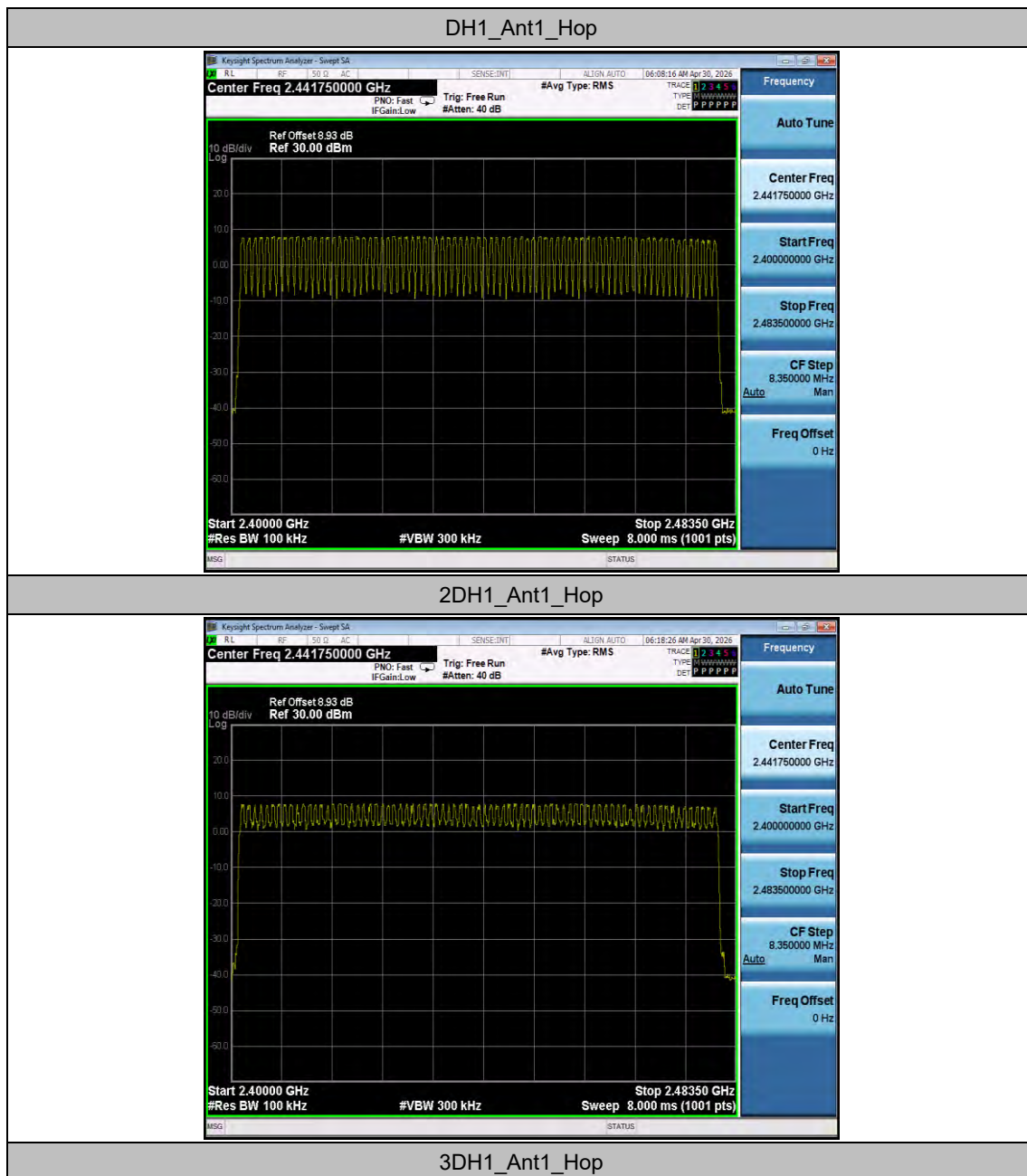


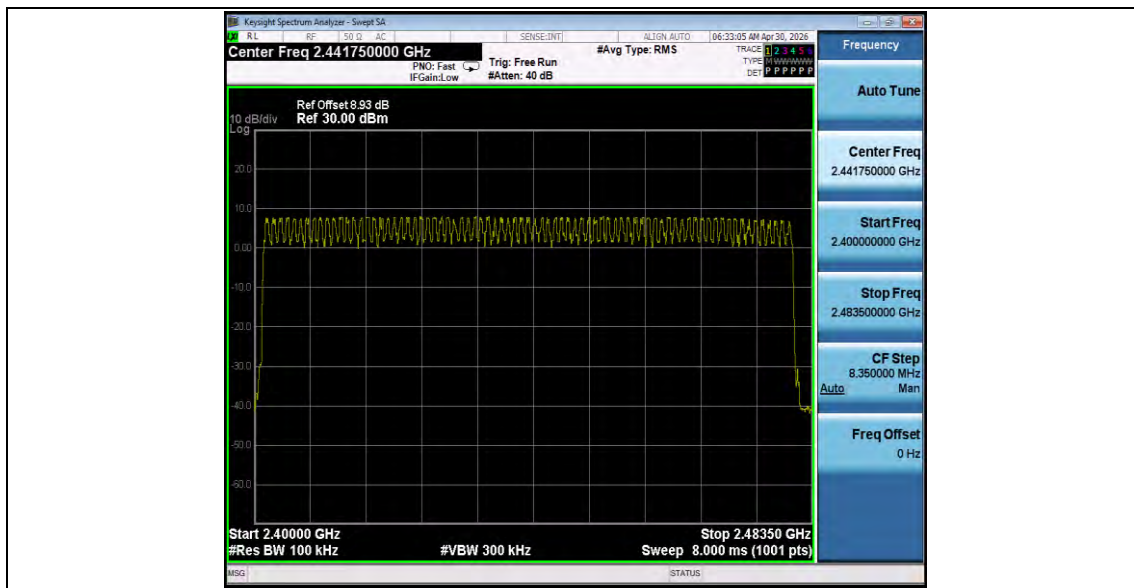
AppendixA.6: Number of hopping channels

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





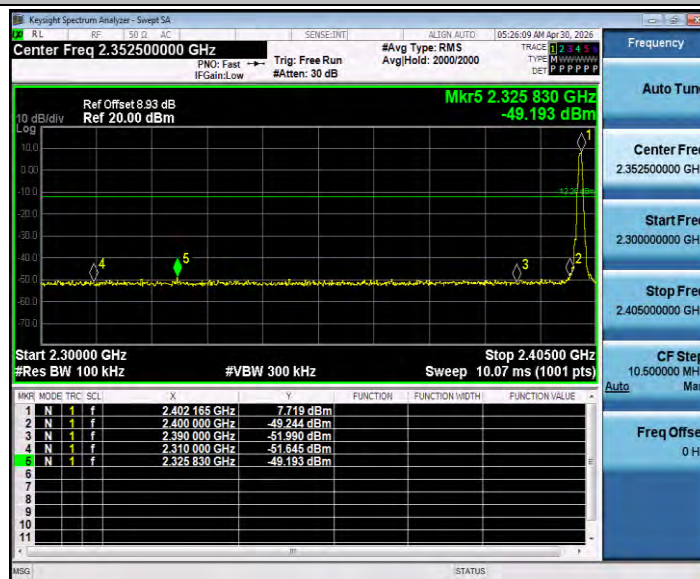
Appendix A.7: Band edge measurements

Test Result

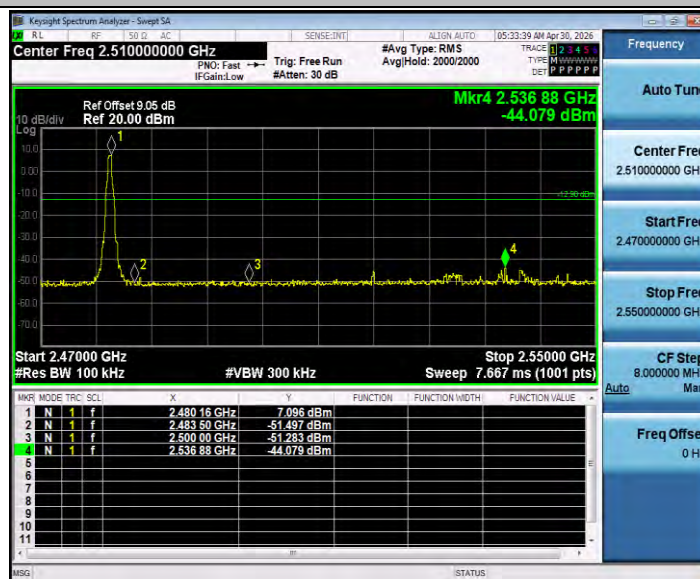
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	Low	2402	7.72	-49.19	≤-12.28	PASS
		High	2480	7.10	-44.08	≤-12.9	PASS
		Low	Hop_2402	7.37	-48.96	≤-12.63	PASS
		High	Hop_2480	7.59	-36.39	≤-12.41	PASS
2DH1	Ant1	Low	2402	7.51	-47.69	≤-12.49	PASS
		High	2480	6.92	-35.74	≤-13.08	PASS
		Low	Hop_2402	7.51	-45.42	≤-12.5	PASS
		High	Hop_2480	6.01	-38.15	≤-14	PASS
3DH1	Ant1	Low	2402	7.56	-43.01	≤-12.44	PASS
		High	2480	7.06	-32.29	≤-12.94	PASS
		Low	Hop_2402	6.73	-43.82	≤-13.27	PASS
		High	Hop_2480	7.64	-29.69	≤-12.36	PASS

Test Graphs

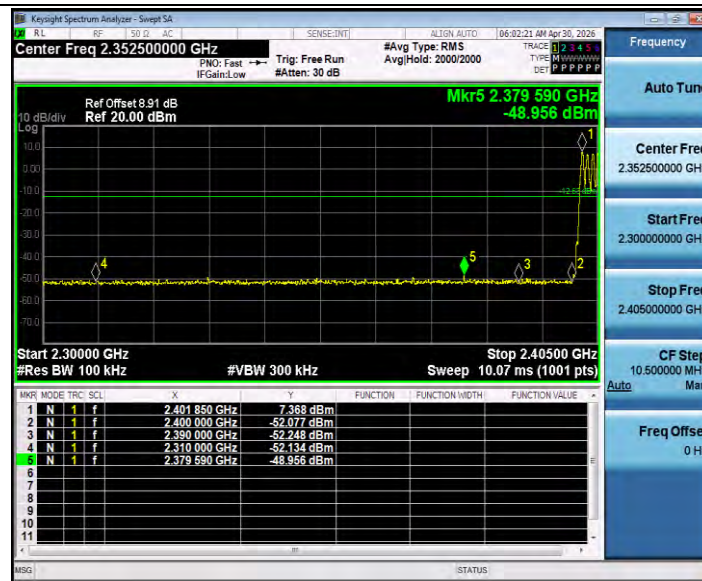
DH1_Ant1_Low_2402



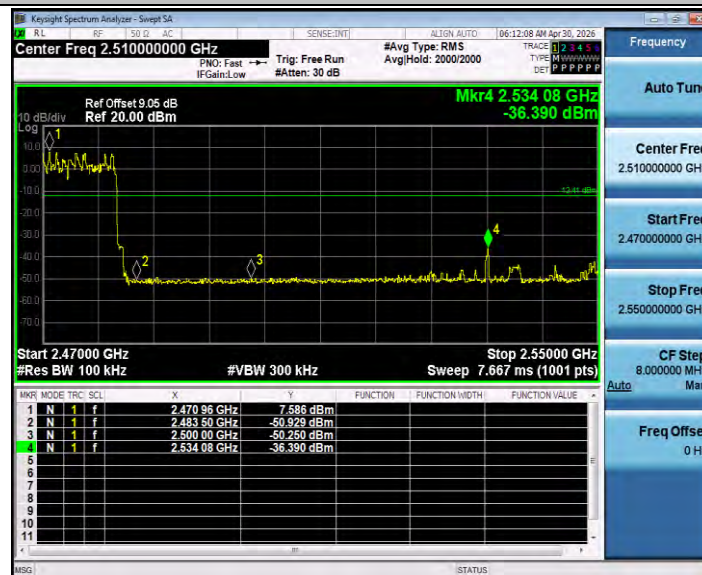
DH1_Ant1_High_2480



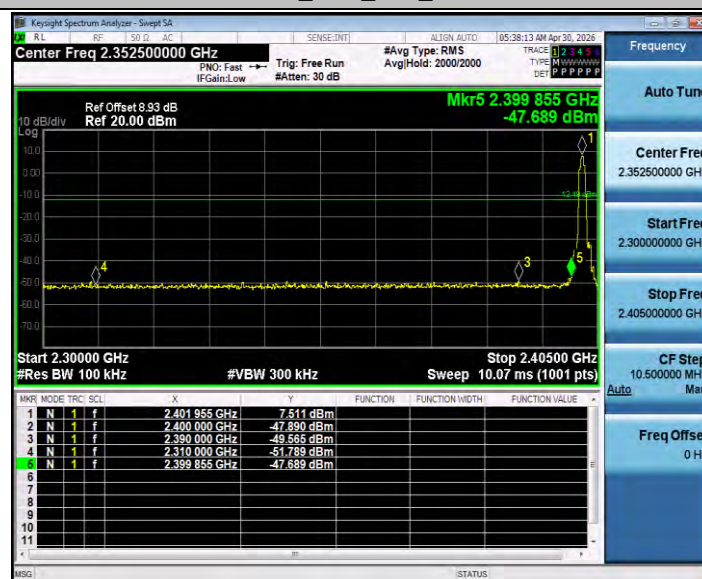
DH1_Ant1_Low_Hop_2402



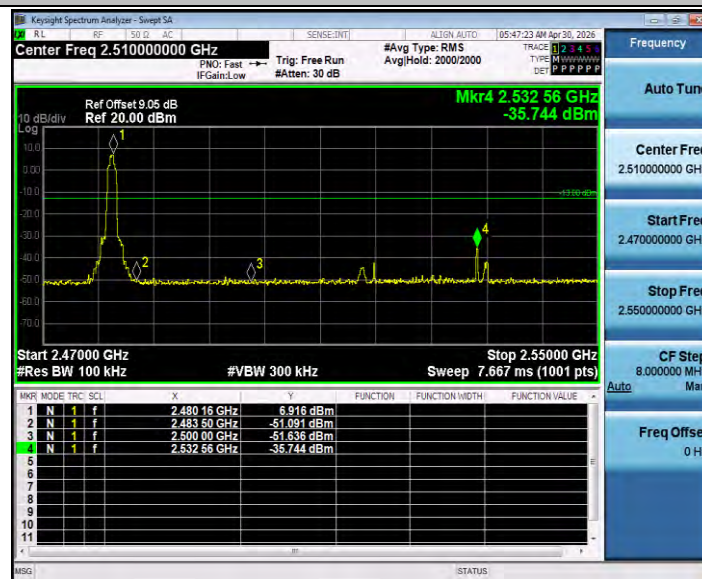
DH1_Ant1_High_Hop_2480



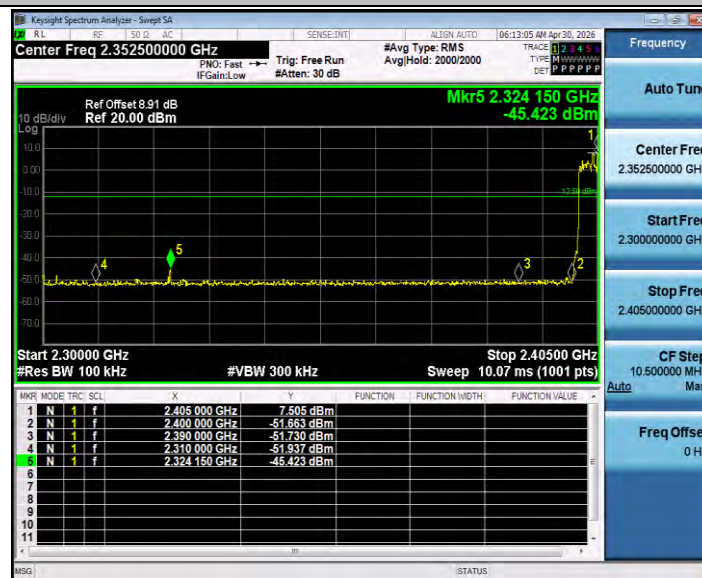
2DH1_Ant1_Low_2402



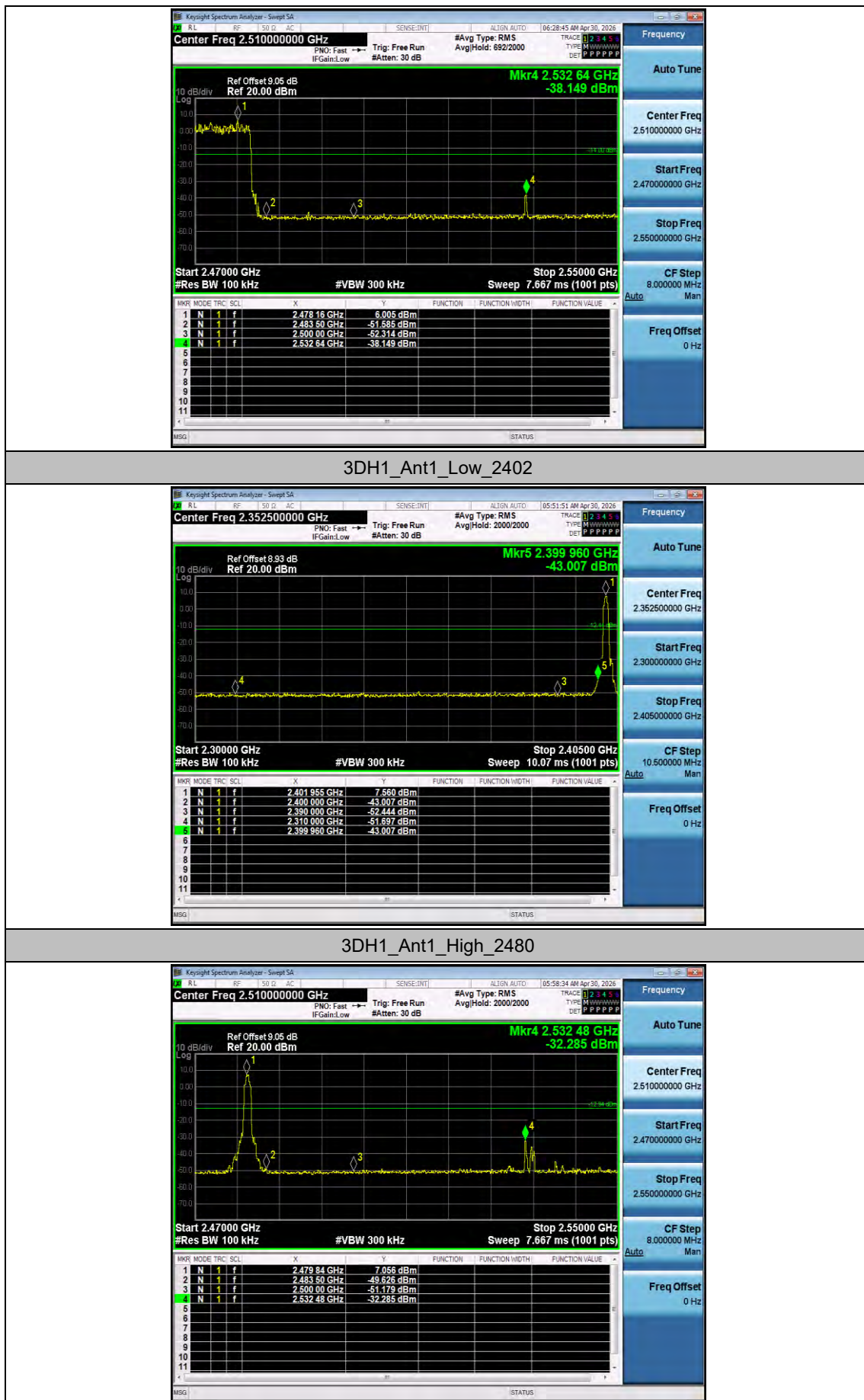
2DH1_Ant1_High_2480



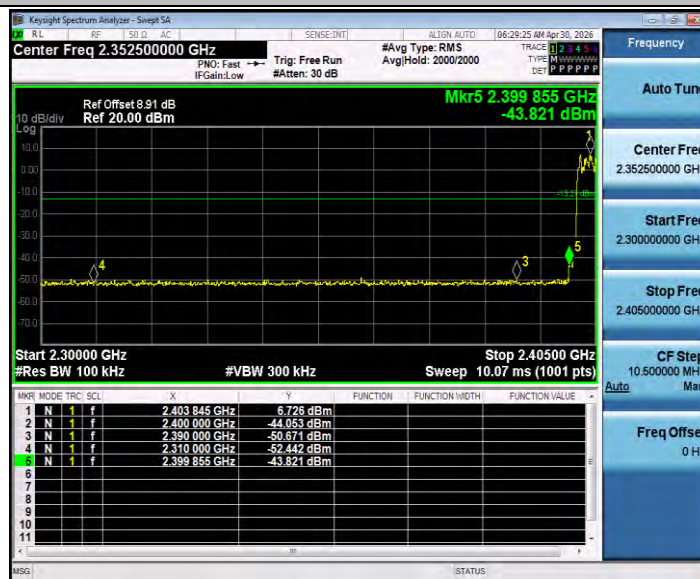
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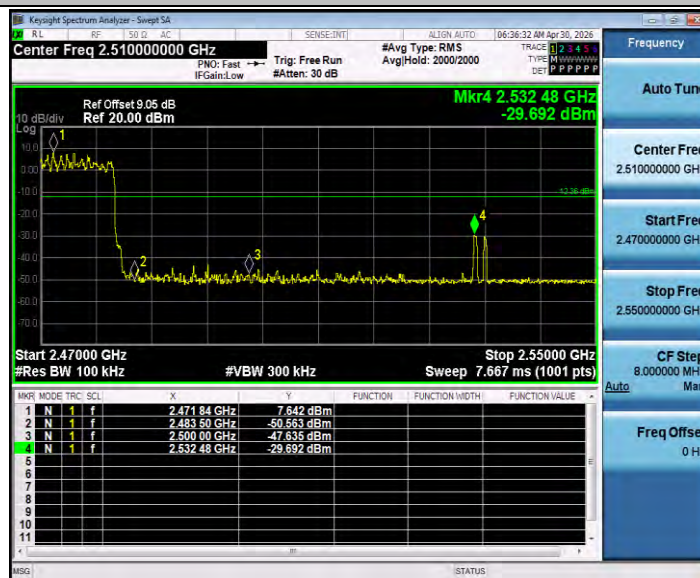
2DH1_Ant1_High_Hop_2480



3DH1_Ant1_Low_Hop_2402



3DH1_Ant1_High_Hop_2480

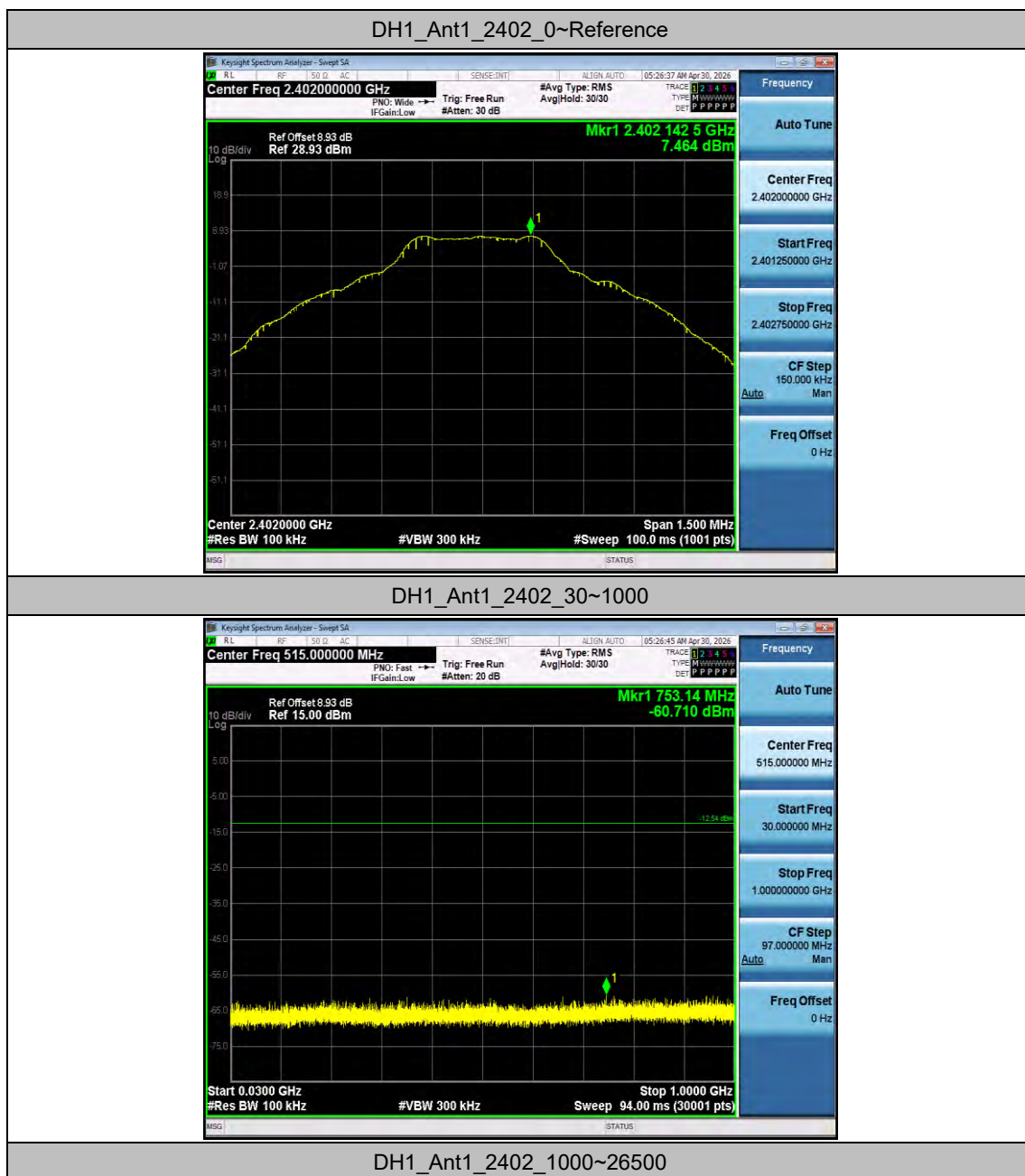


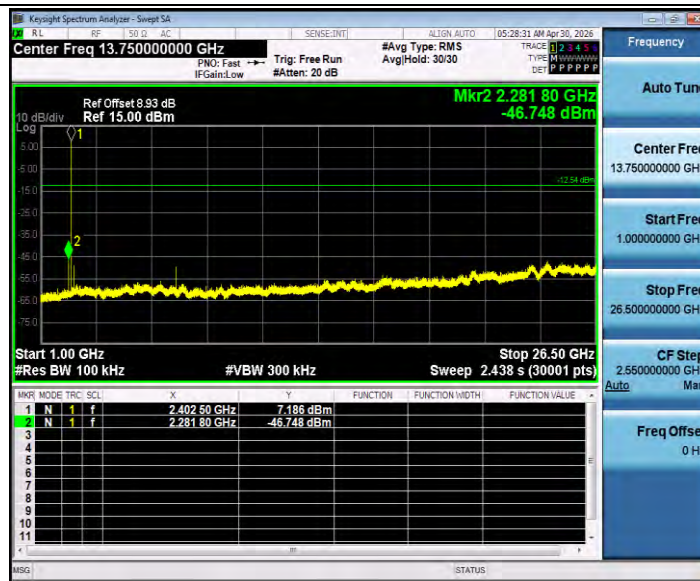
Appendix A.8: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	2402	Reference	7.46	7.46	---	PASS
			30~1000	7.46	-60.71	≤-12.54	PASS
			1000~26500	7.46	-46.75	≤-12.54	PASS
		2441	Reference	7.77	7.77	---	PASS
			30~1000	7.77	-60.33	≤-12.23	PASS
			1000~26500	7.77	-47.66	≤-12.23	PASS
		2480	Reference	6.85	6.85	---	PASS
			30~1000	6.85	-60.13	≤-13.15	PASS
			1000~26500	6.85	-47.71	≤-13.15	PASS
2DH1	Ant1	2402	Reference	7.42	7.42	---	PASS
			30~1000	7.42	-60.66	≤-12.58	PASS
			1000~26500	7.42	-47.74	≤-12.58	PASS
		2441	Reference	7.71	7.71	---	PASS
			30~1000	7.71	-60.85	≤-12.29	PASS
			1000~26500	7.71	-47.58	≤-12.29	PASS
		2480	Reference	6.86	6.86	---	PASS
			30~1000	6.86	-60.31	≤-13.14	PASS
			1000~26500	6.86	-48.06	≤-13.14	PASS
3DH1	Ant1	2402	Reference	7.46	7.46	---	PASS
			30~1000	7.46	-60.95	≤-12.54	PASS
			1000~26500	7.46	-46.86	≤-12.54	PASS
		2441	Reference	7.81	7.81	---	PASS
			30~1000	7.81	-60.1	≤-12.19	PASS
			1000~26500	7.81	-47.41	≤-12.19	PASS
		2480	Reference	6.92	6.92	---	PASS
			30~1000	6.92	-60.48	≤-13.08	PASS
			1000~26500	6.92	-47.36	≤-13.08	PASS

Test Graphs





DH1_Ant1_2441_0~Reference



DH1_Ant1_2441_30~1000



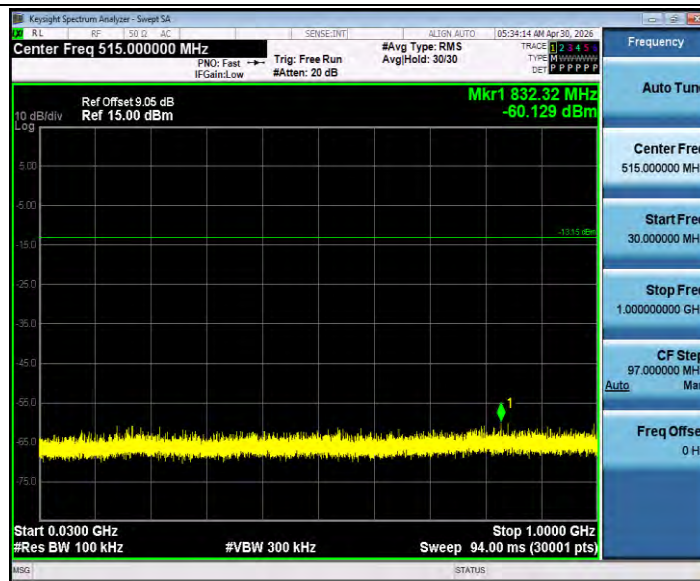
DH1_Ant1_2441_1000~26500



DH1_Ant1_2480_0~Reference



DH1_Ant1_2480_30~1000

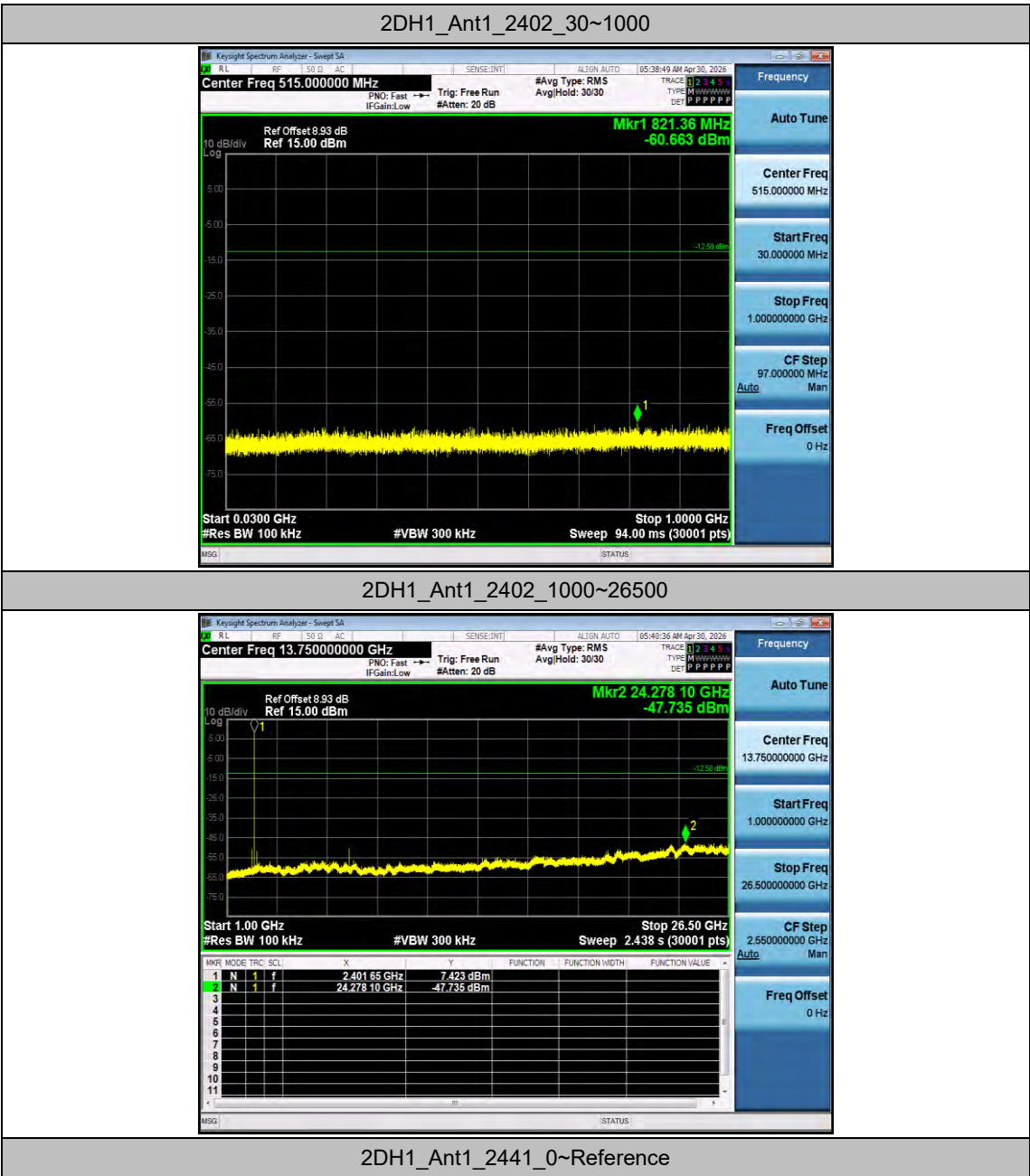


DH1_Ant1_2480_1000~26500



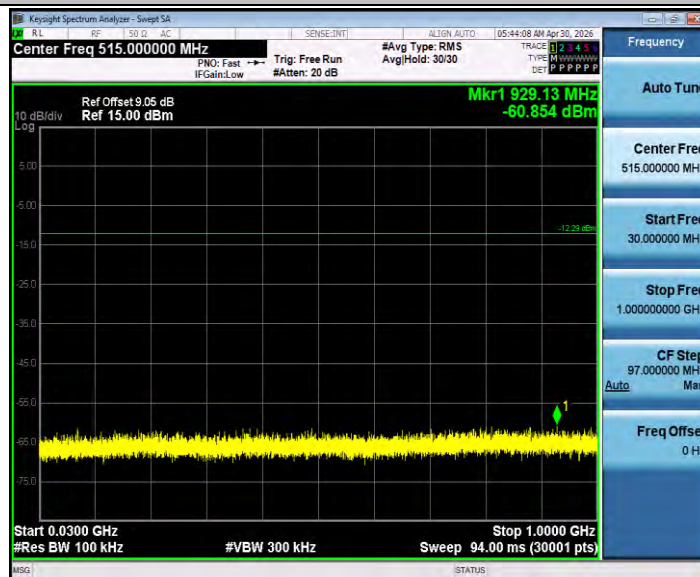
2DH1_Ant1_2402_0~Reference







2DH1_Ant1_2441_30~1000



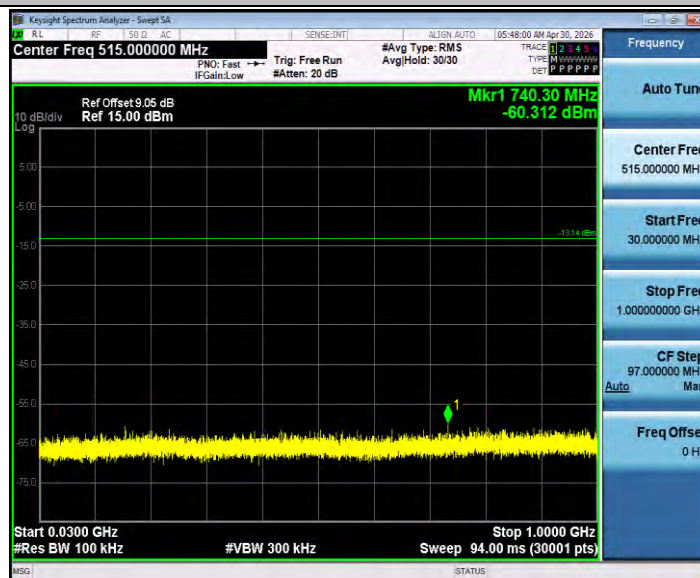
2DH1_Ant1_2441_1000~26500



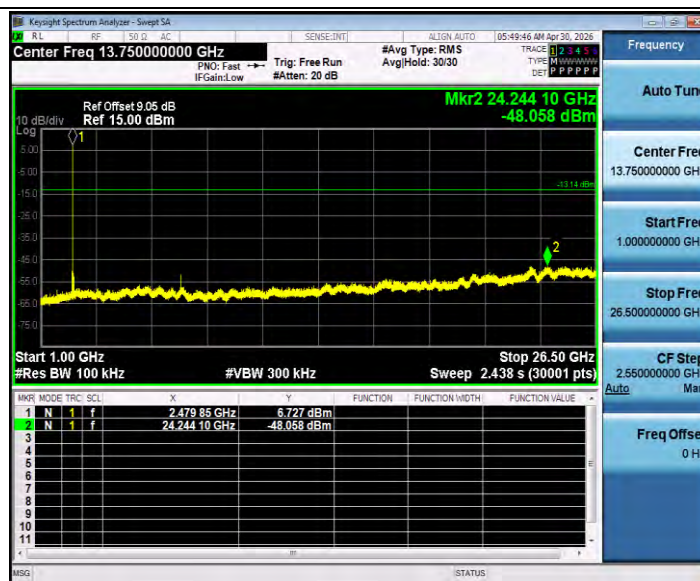
2DH1_Ant1_2480_0~Reference



2DH1_Ant1_2480_30~1000



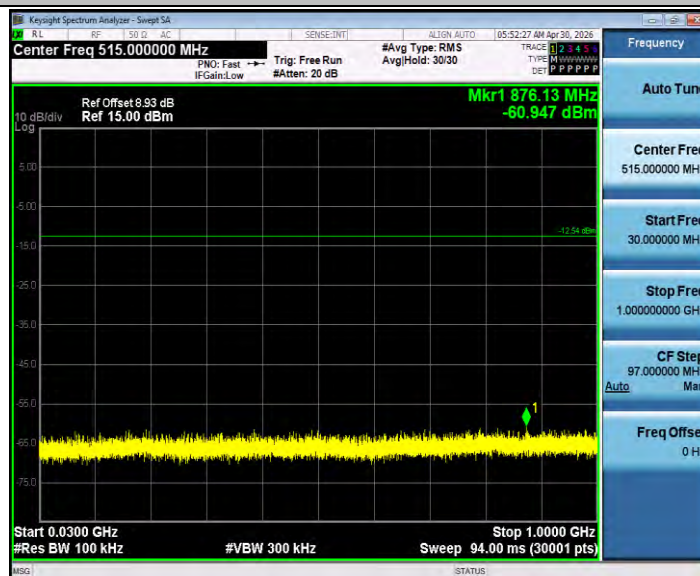
2DH1_Ant1_2480_1000~26500



3DH1_Ant1_2402_0~Reference



3DH1_Ant1_2402_30~1000



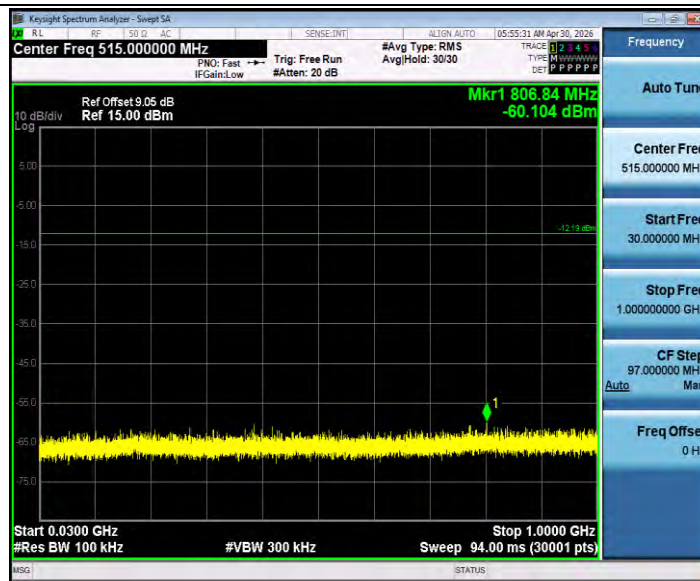
3DH1_Ant1_2402_1000~26500



3DH1_Ant1_2441_0~Reference



3DH1_Ant1_2441_30~1000



3DH1_Ant1_2441_1000~26500



3DH1_Ant1_2480_0~Reference



