

Case No. : <u>GTS20251122004-1-10</u>
Ambient Condition: <u>25</u> °C, <u>49</u> %RH
According Standard: ■Part15C
Test Date: <u>2026.4.9-2026.4.22</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	0.990	2401.478	2402.468	---	---
		2441	0.978	2440.484	2441.462	---	---
		2480	0.954	2479.496	2480.450	---	---
2DH1	Ant1	2402	1.275	2401.346	2402.621	---	---
		2441	1.269	2440.346	2441.615	---	---
		2480	1.296	2479.316	2480.612	---	---
3DH1	Ant1	2402	1.257	2401.352	2402.609	---	---
		2441	1.260	2440.349	2441.609	---	---
		2480	1.251	2479.352	2480.603	---	---

Test Graphs

DH1_Ant1_2402



DH1_Ant1_2441



DH1_Ant1_2480



2DH1_Ant1_2402



2DH1_Ant1_2441



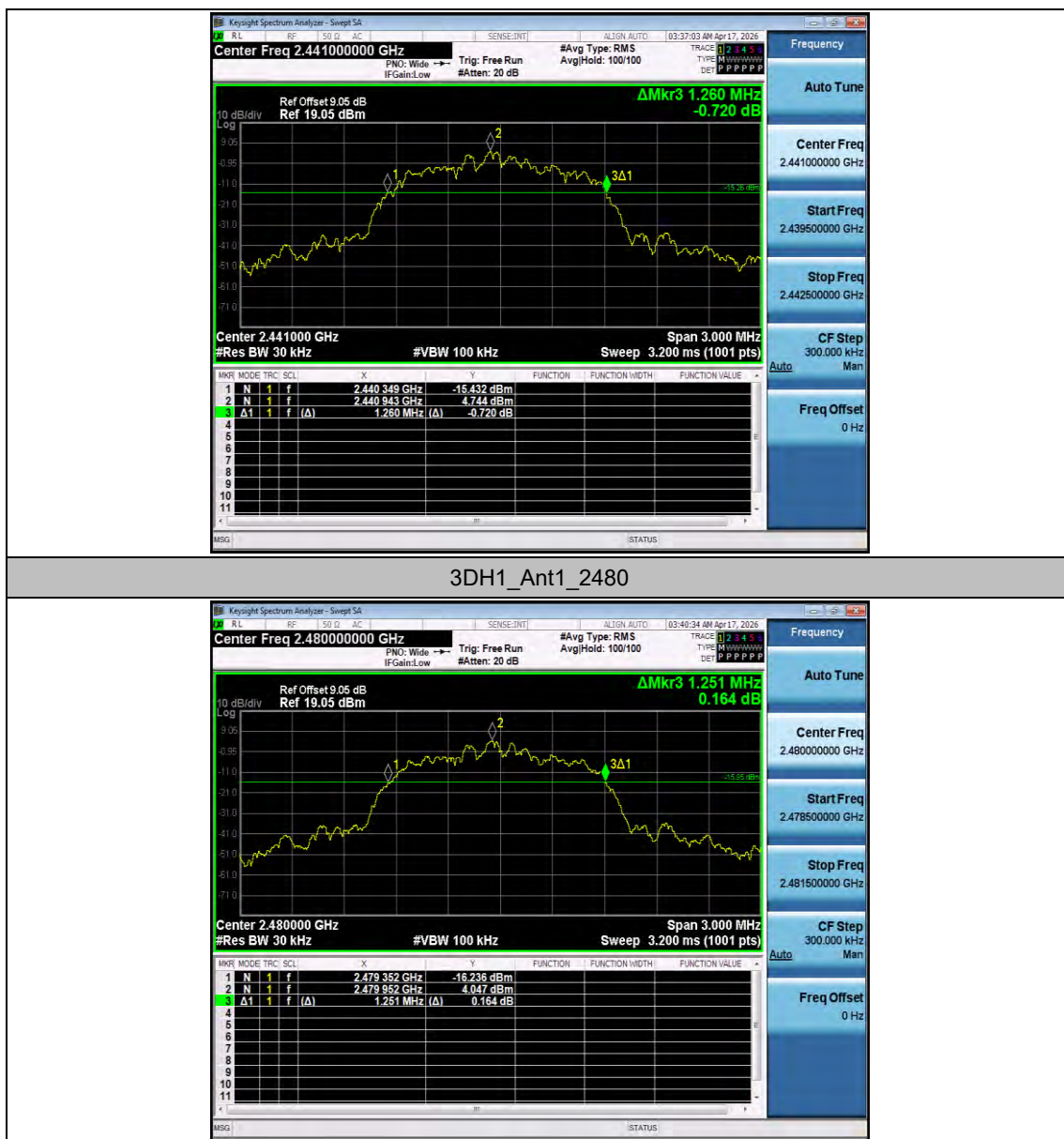
2DH1_Ant1_2480



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	0.84588	2401.5462	2402.3920	---	---
		2441	0.85743	2440.5490	2441.4065	---	---
		2480	0.84934	2479.5554	2480.4048	---	---
2DH1	Ant1	2402	1.1552	2401.3949	2402.5501	---	---
		2441	1.1595	2440.3972	2441.5567	---	---
		2480	1.1590	2479.3965	2480.5555	---	---
3DH1	Ant1	2402	1.1462	2401.4185	2402.5647	---	---
		2441	1.1498	2440.4153	2441.5651	---	---
		2480	1.1489	2479.4154	2480.5643	---	---

Test Graphs

DH1_Ant1_2402



DH1_Ant1_2441



DH1_Ant1_2480



2DH1_Ant1_2402



2DH1_Ant1_2441



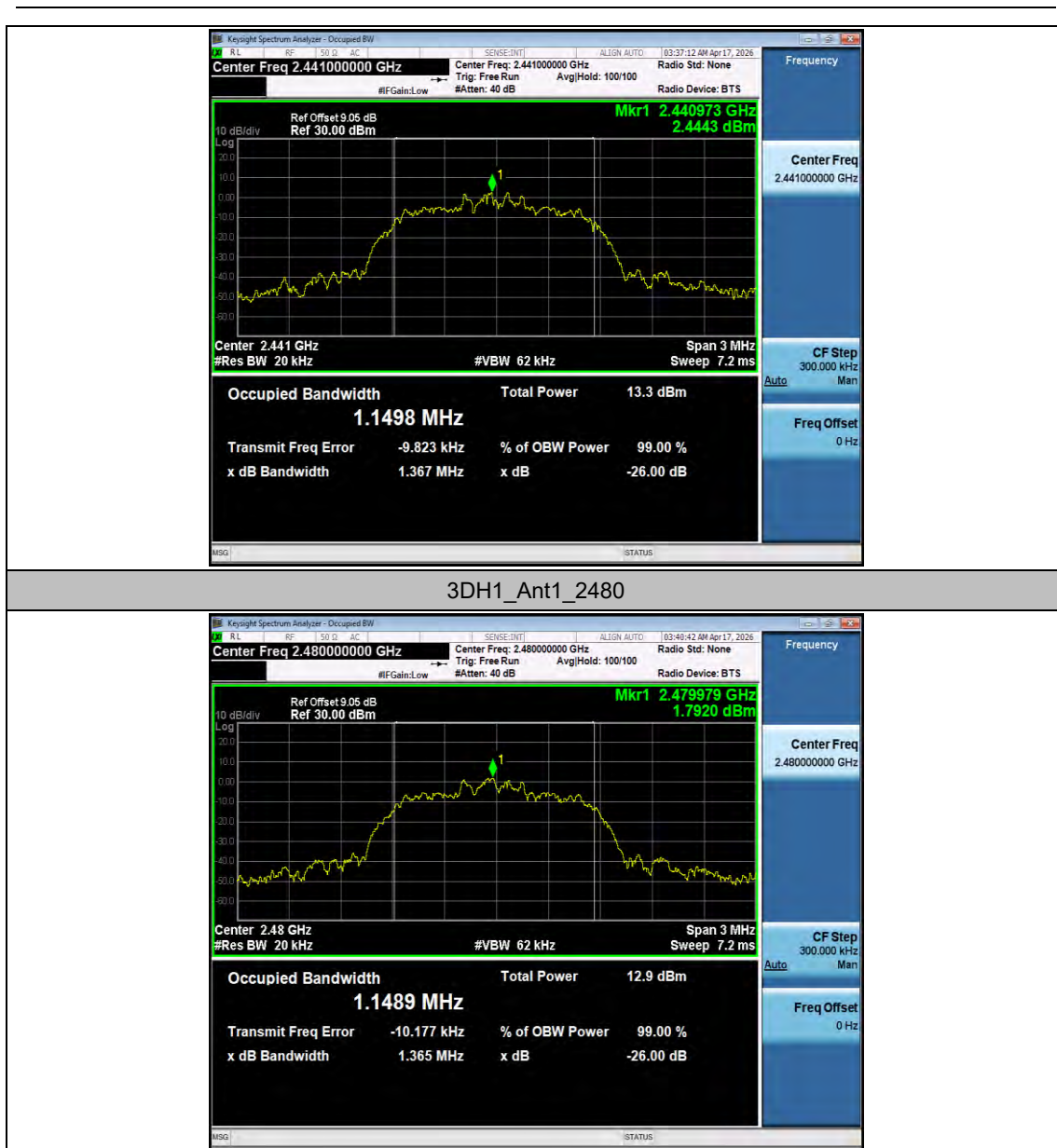
2DH1_Ant1_2480



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	7.83	≤20.97	PASS
		2441	8.90	≤20.97	PASS
		2480	8.10	≤20.97	PASS
2DH1	Ant1	2402	8.54	≤20.97	PASS
		2441	9.58	≤20.97	PASS
		2480	8.81	≤20.97	PASS
3DH1	Ant1	2402	9.12	≤20.97	PASS
		2441	10.18	≤20.97	PASS
		2480	9.35	≤20.97	PASS

AppendixA.4: Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH1	Ant1	Hop_2402	1.002	≥ 0.660	PASS
		Hop_2441	0.852	≥ 0.660	PASS
		Hop_2480	0.988	≥ 0.660	PASS
2DH1	Ant1	Hop_2402	1.32	≥ 1.296	PASS
		Hop_2441	1.01	≥ 0.864	PASS
		Hop_2480	1.104	≥ 0.864	PASS
3DH1	Ant1	Hop_2402	1.032	≥ 0.840	PASS
		Hop_2441	1.002	≥ 0.840	PASS
		Hop_2480	1	≥ 0.840	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

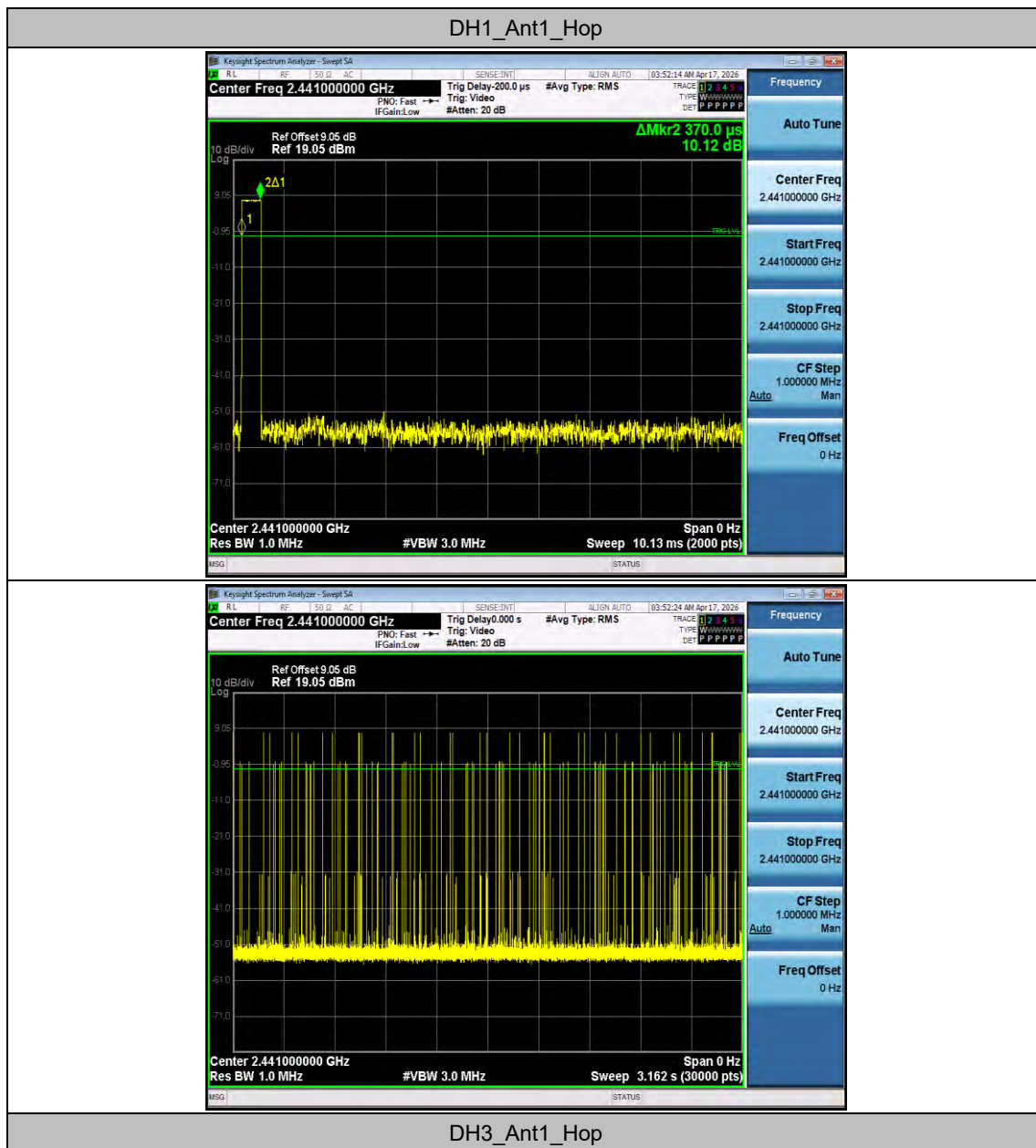


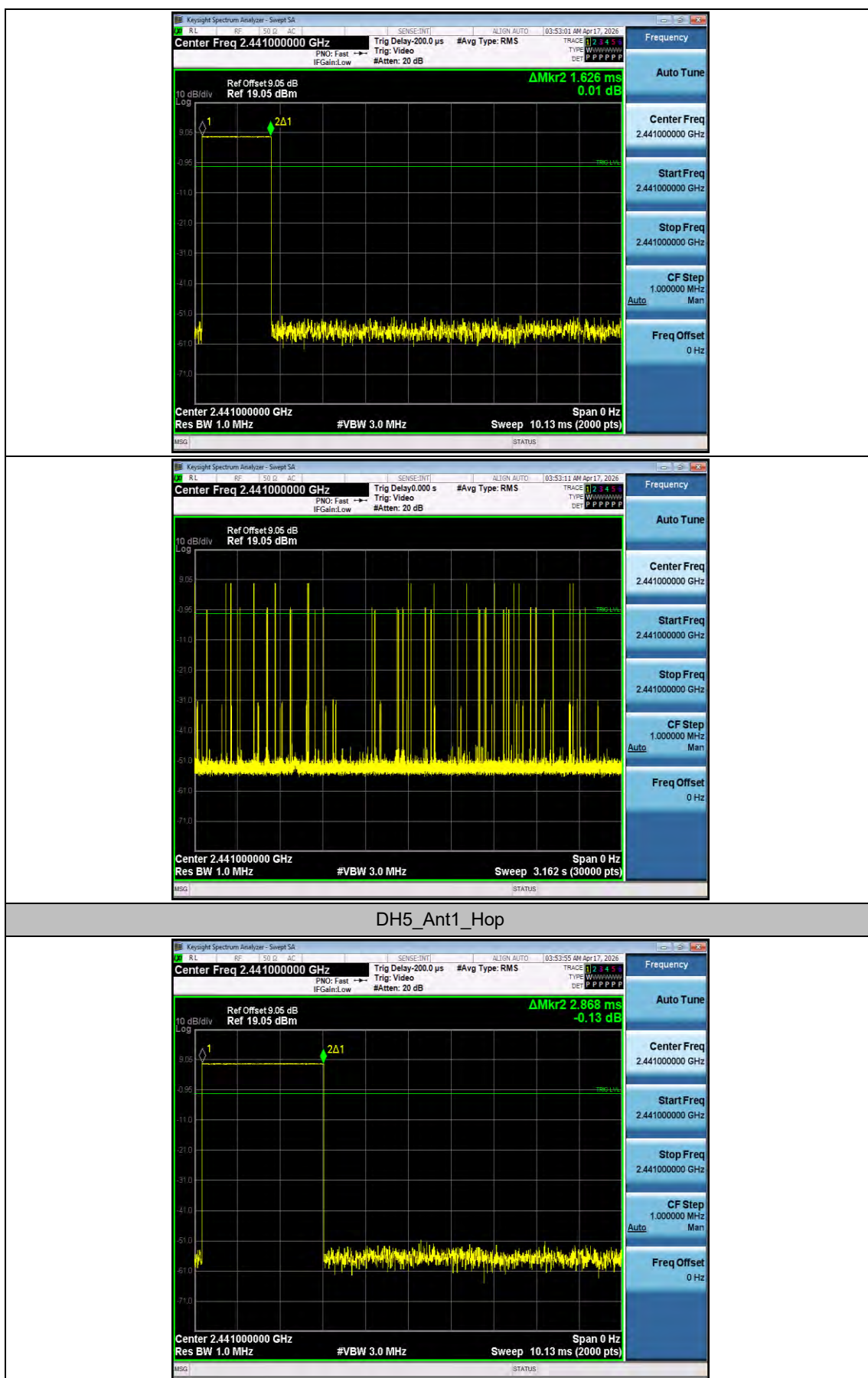
AppendixA.5: Time of occupancy

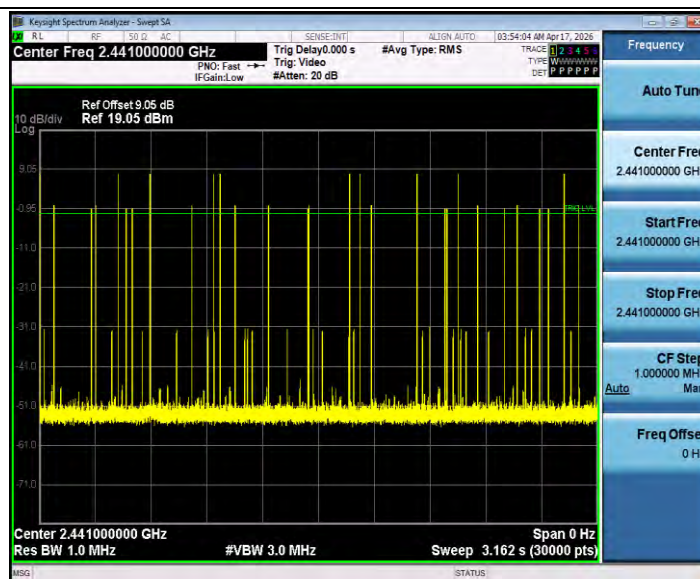
Test Result

TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.370	330	0.122	≤0.4	PASS
DH3	Ant1	Hop	1.626	160	0.26	≤0.4	PASS
DH5	Ant1	Hop	2.868	100	0.287	≤0.4	PASS
2DH1	Ant1	Hop	0.380	320	0.122	≤0.4	PASS
2DH3	Ant1	Hop	1.626	150	0.244	≤0.4	PASS
2DH5	Ant1	Hop	2.878	100	0.288	≤0.4	PASS
3DH1	Ant1	Hop	0.375	320	0.12	≤0.4	PASS
3DH3	Ant1	Hop	1.631	170	0.277	≤0.4	PASS
3DH5	Ant1	Hop	2.878	80	0.23	≤0.4	PASS

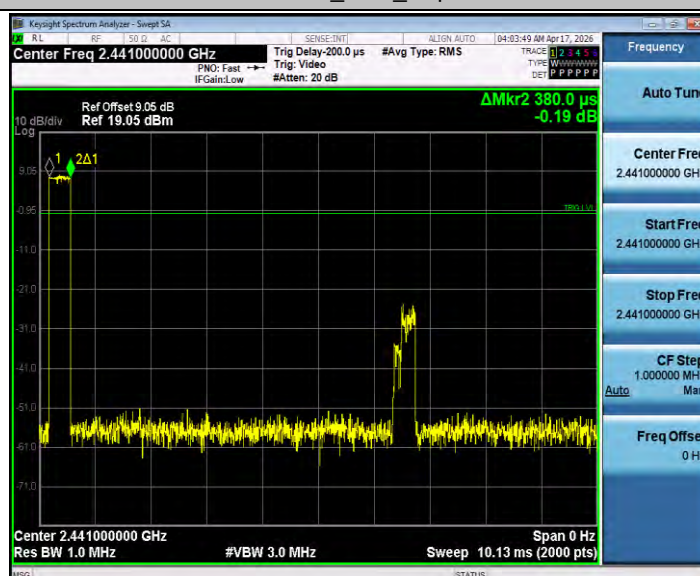
Test Graphs



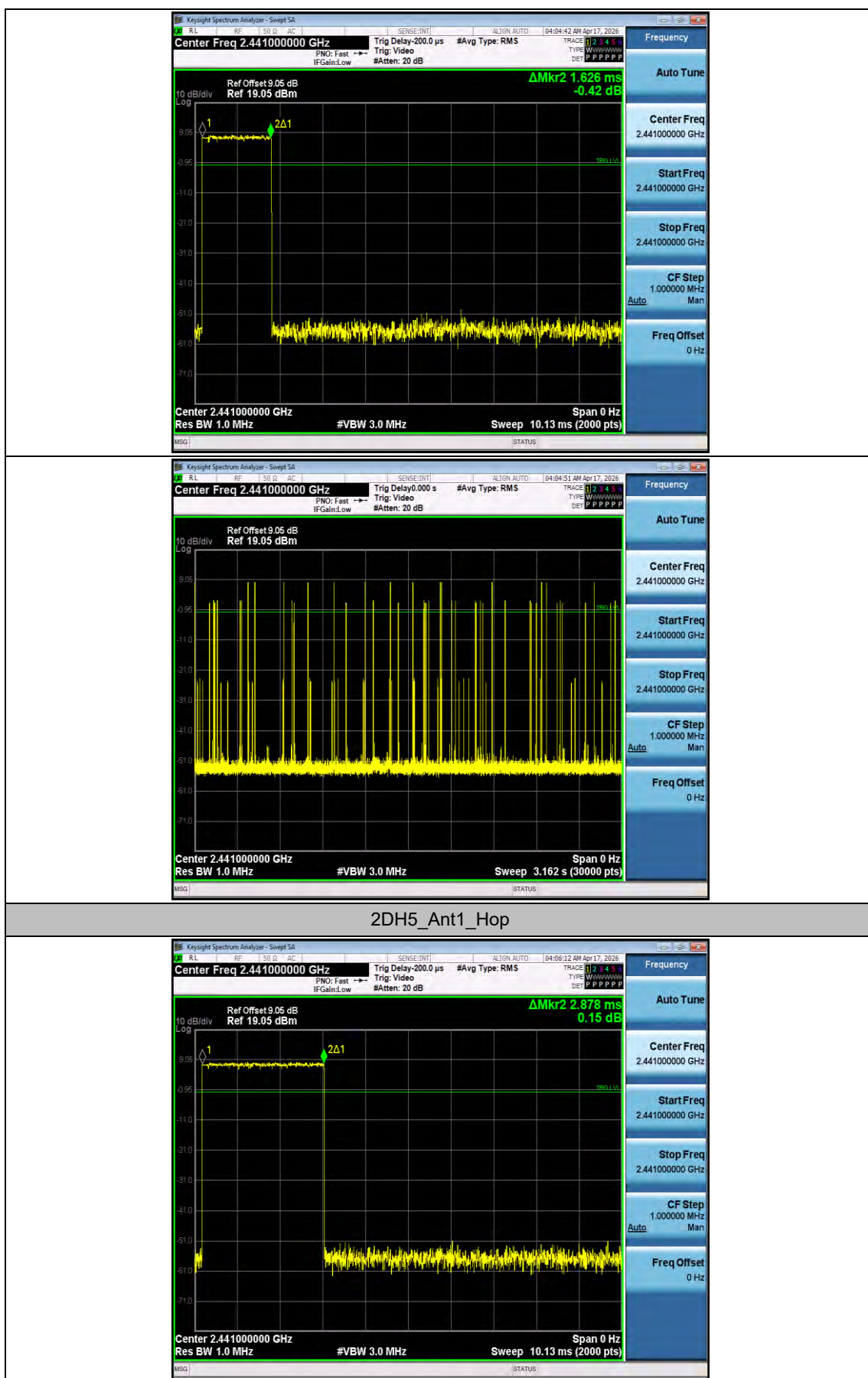


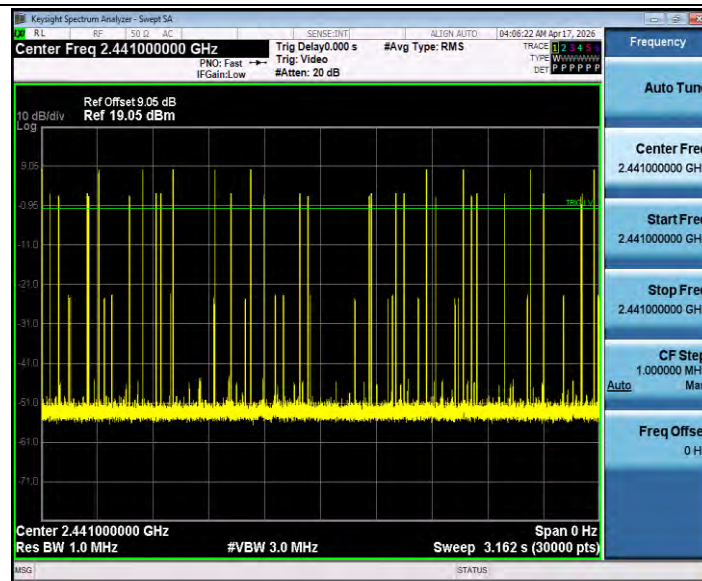


2DH1_Ant1_Hop

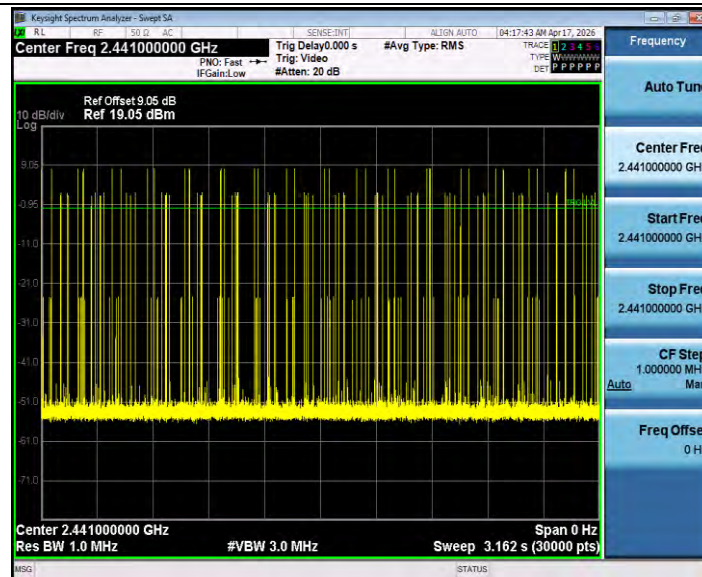
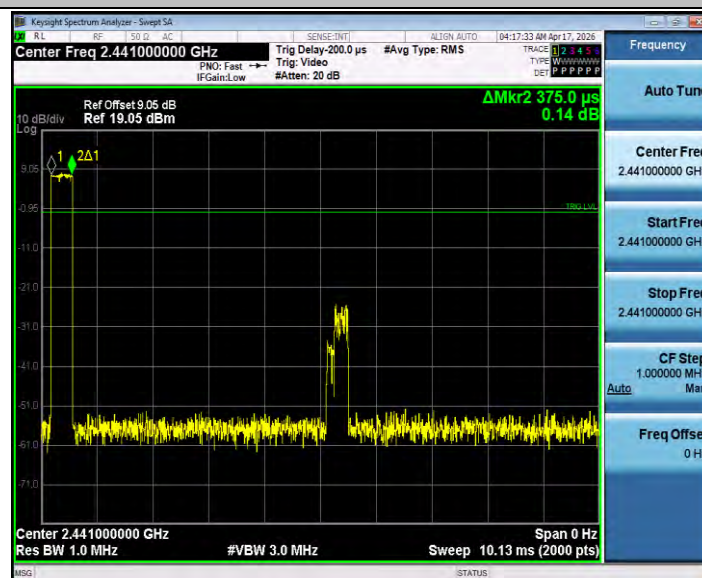


2DH3_Ant1_Hop

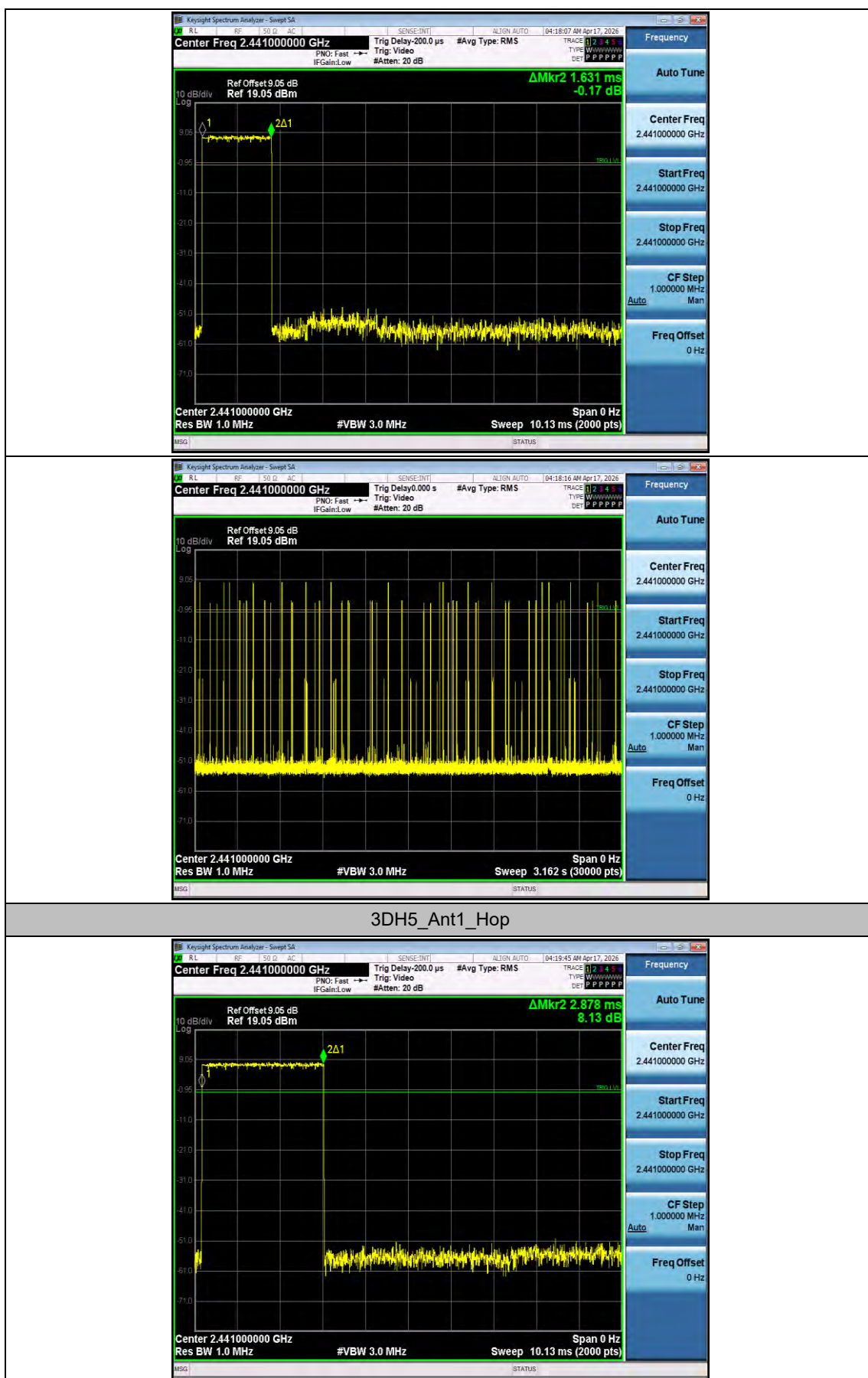


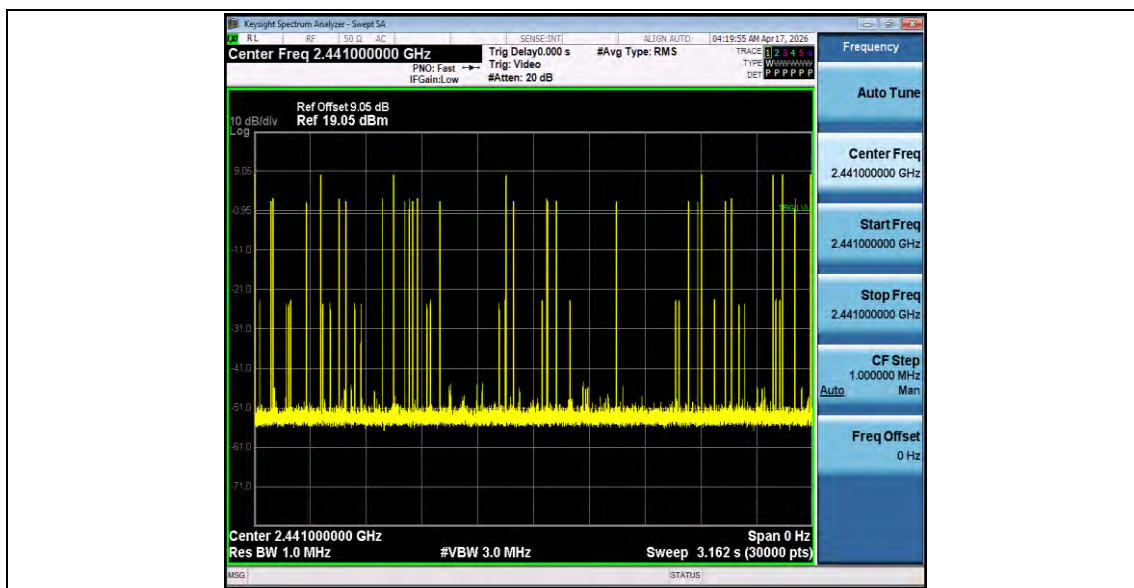


3DH1_Ant1_Hop



3DH3_Ant1_Hop

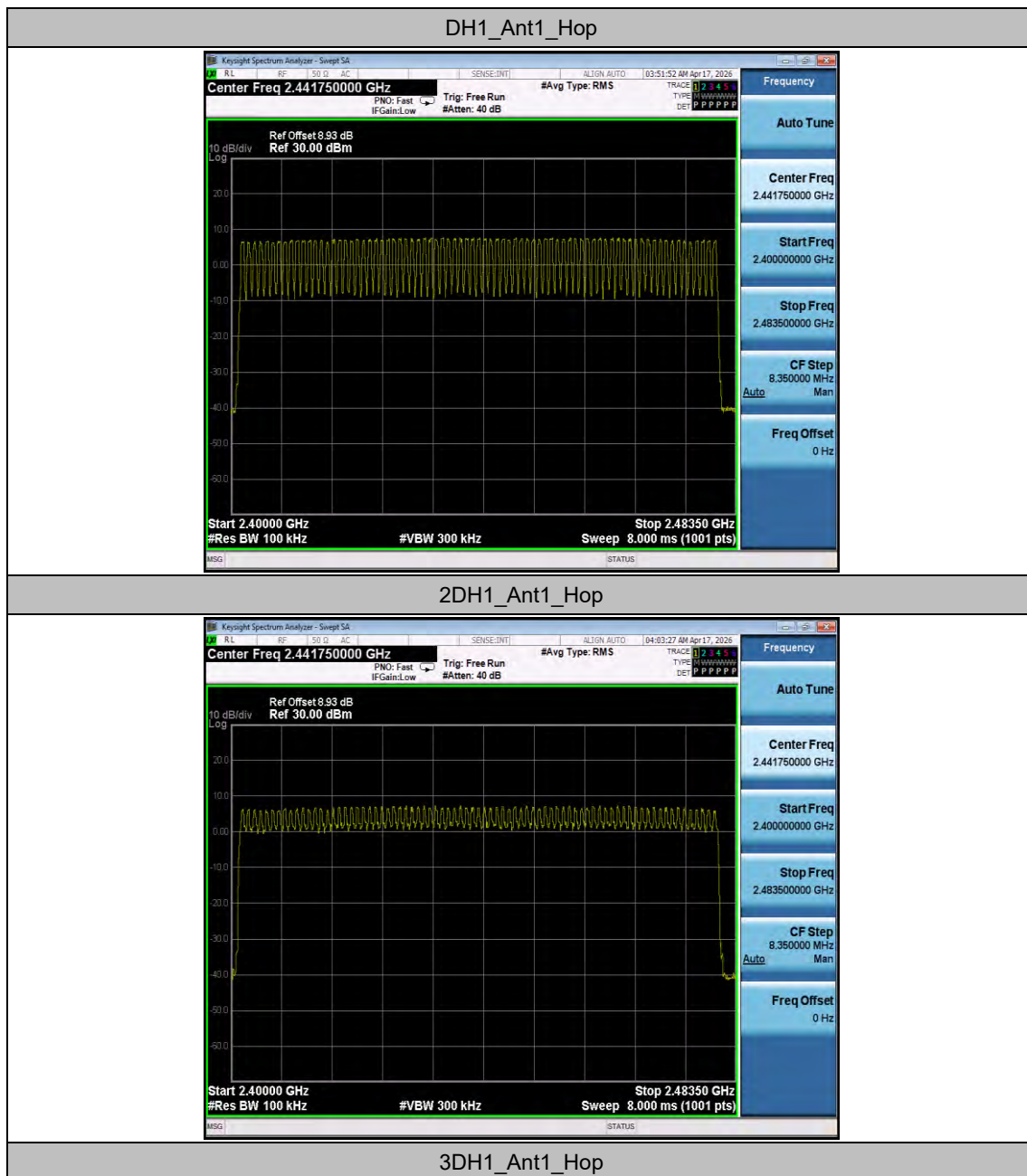


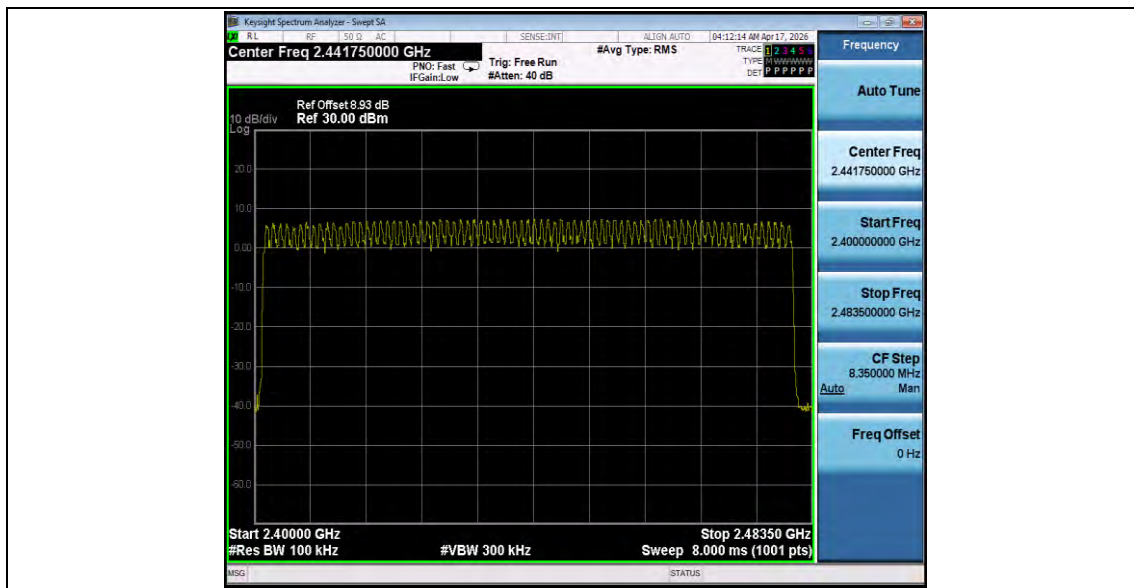


AppendixA.6: Number of hopping channels**Test Result**

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





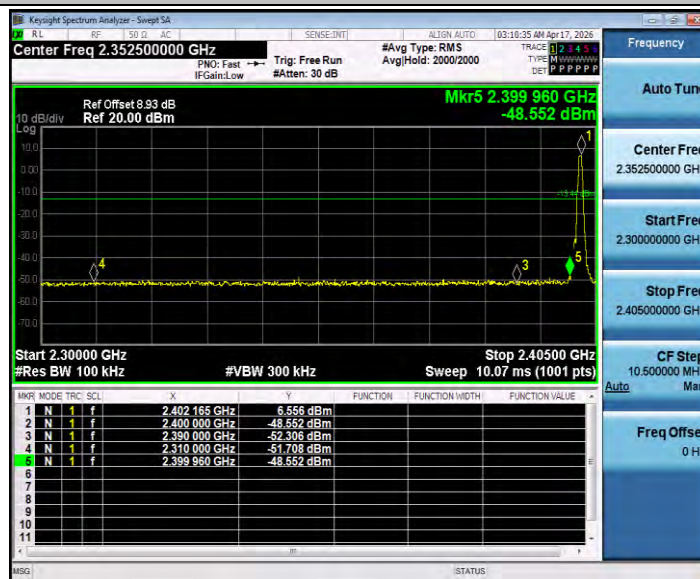
Appendix A.7: Band edge measurements

Test Result

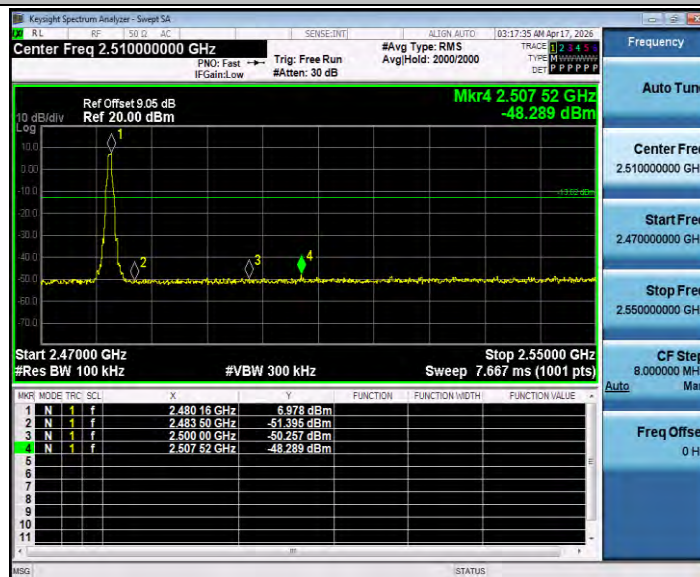
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	Low	2402	6.56	-48.55	≤-13.44	PASS
		High	2480	6.98	-48.29	≤-13.02	PASS
		Low	Hop_2402	6.36	-49.39	≤-13.64	PASS
		High	Hop_2480	7.25	-47.98	≤-12.75	PASS
2DH1	Ant1	Low	2402	6.31	-48.15	≤-13.7	PASS
		High	2480	6.64	-48.8	≤-13.36	PASS
		Low	Hop_2402	6.14	-49.8	≤-13.86	PASS
		High	Hop_2480	5.82	-48.9	≤-14.18	PASS
3DH1	Ant1	Low	2402	6.27	-49.35	≤-13.73	PASS
		High	2480	6.63	-48.11	≤-13.37	PASS
		Low	Hop_2402	5.50	-48.82	≤-14.5	PASS
		High	Hop_2480	6.55	-48.3	≤-13.45	PASS

Test Graphs

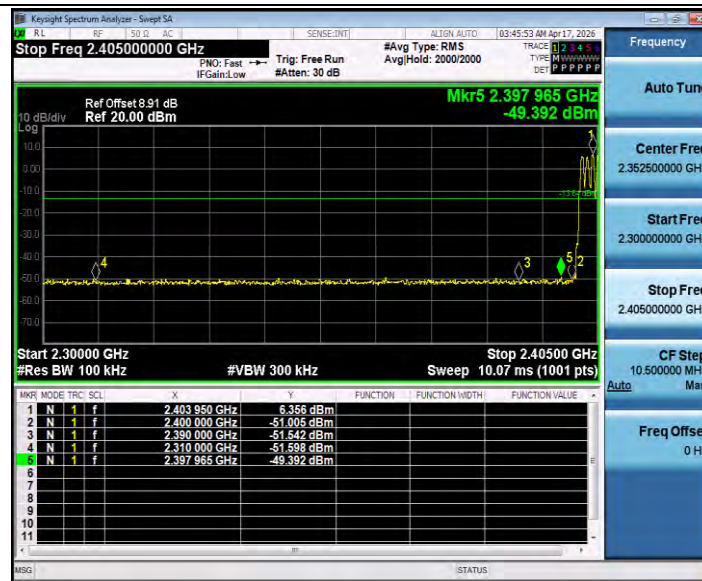
DH1_Ant1_Low_2402



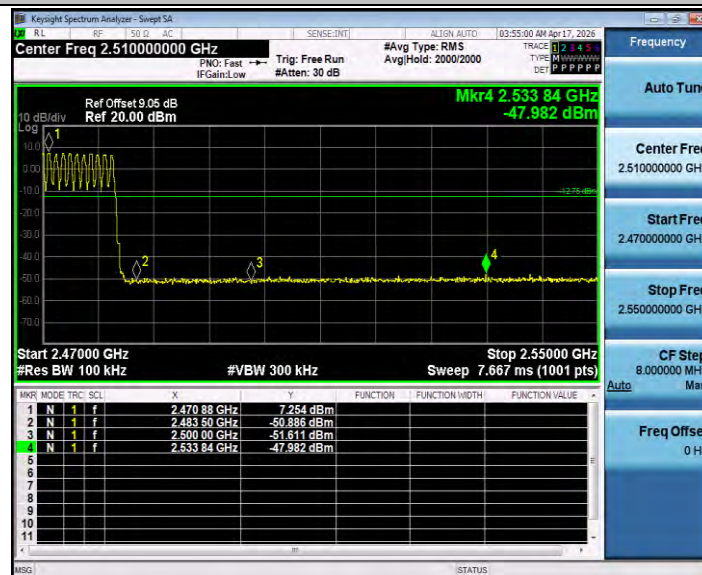
DH1_Ant1_High_2480



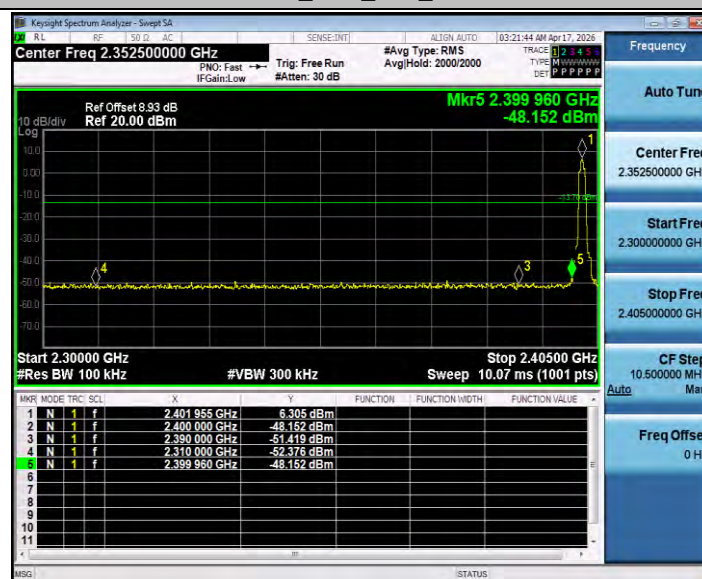
DH1_Ant1_Low_Hop_2402



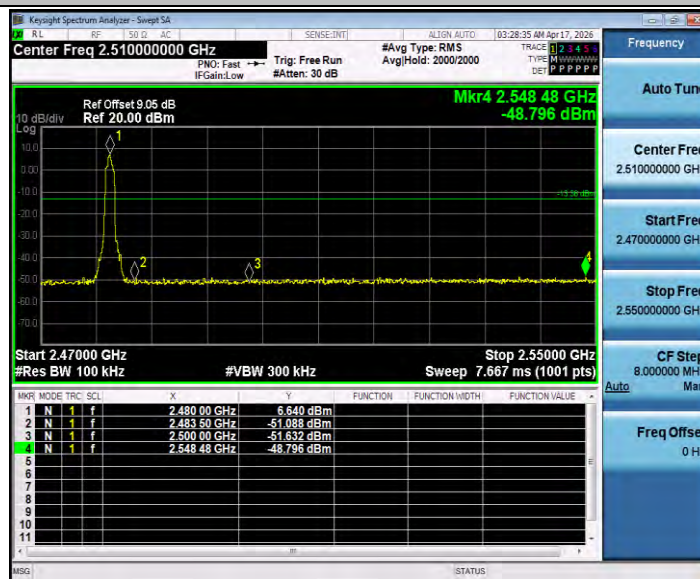
DH1_Ant1_High_Hop_2480



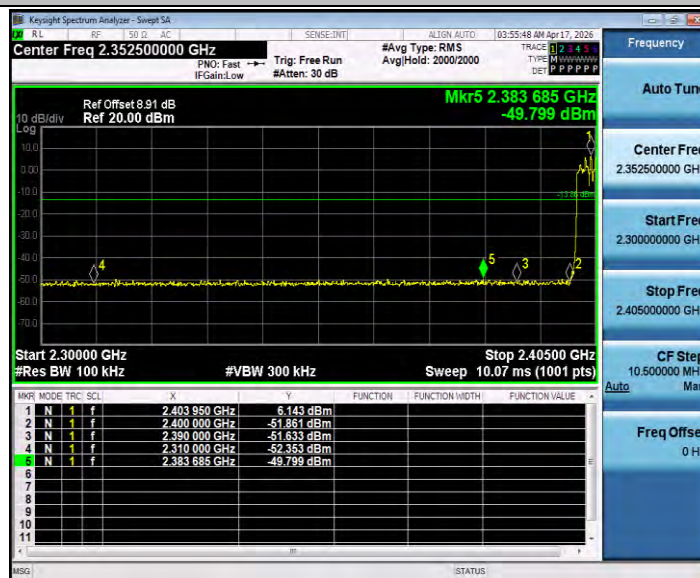
2DH1_Ant1_Low_2402



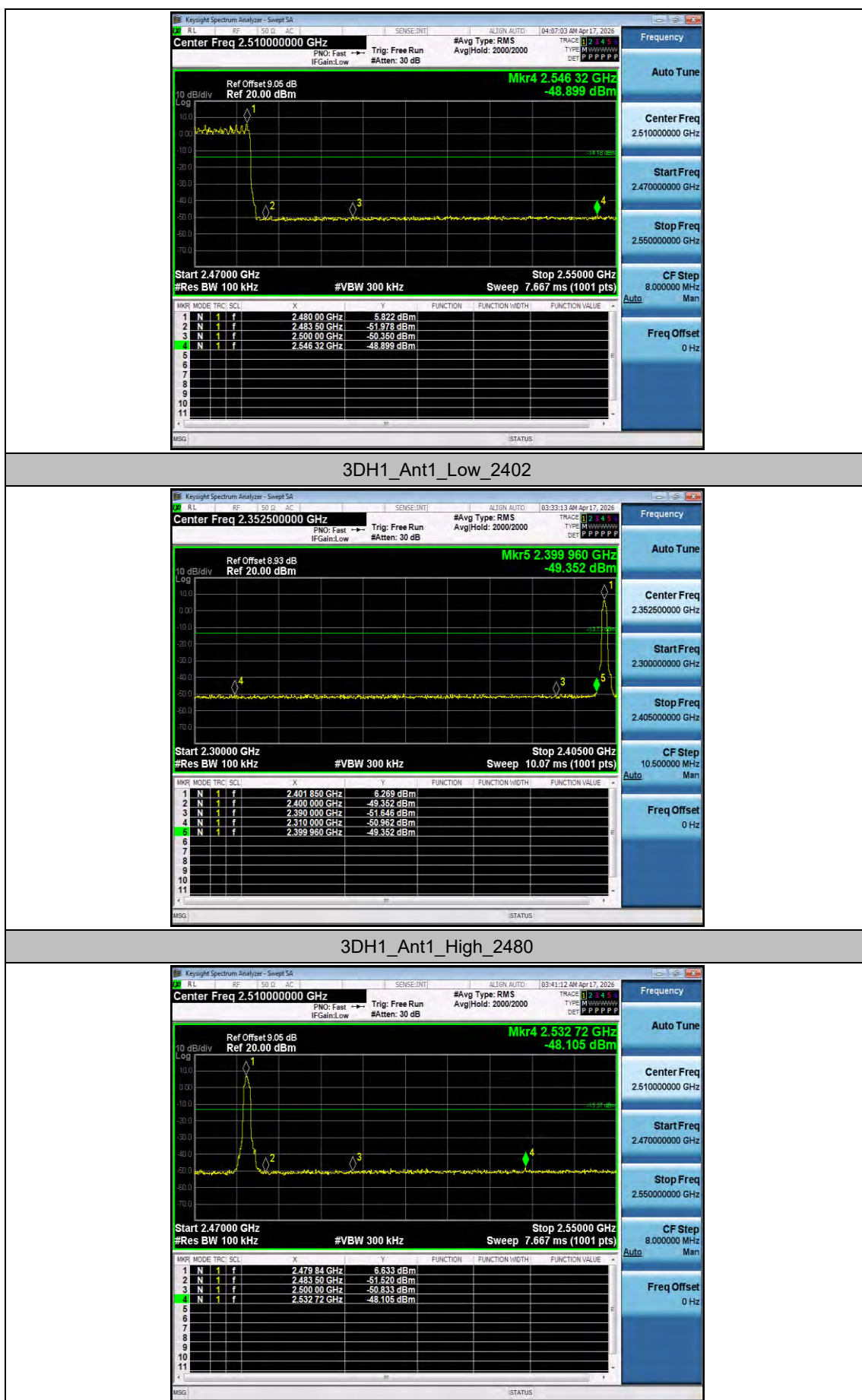
2DH1_Ant1_High_2480



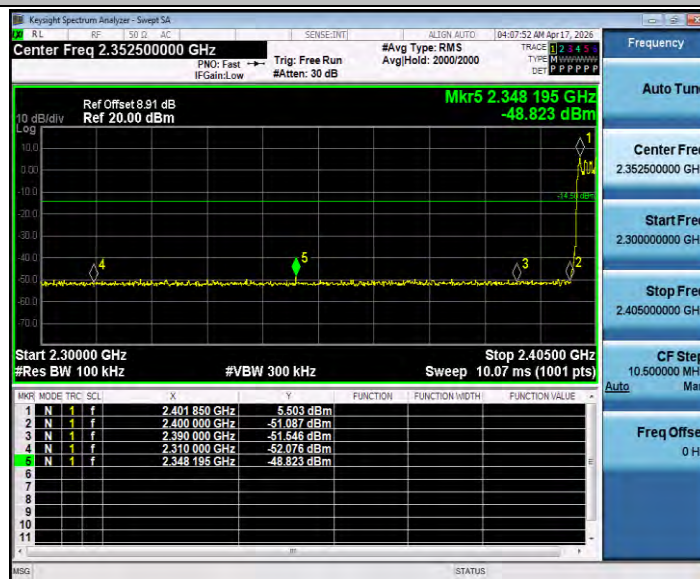
2DH1_Ant1_Low_Hop_2402



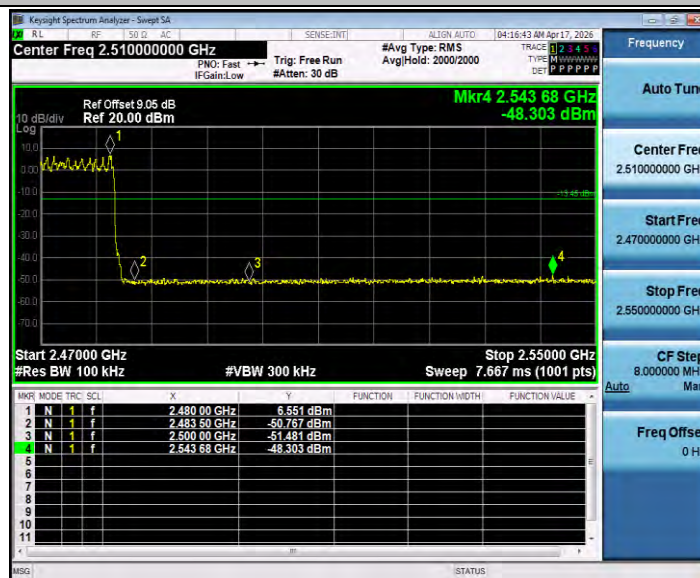
2DH1_Ant1_High_Hop_2480



3DH1_Ant1_Low_Hop_2402



3DH1_Ant1_High_Hop_2480

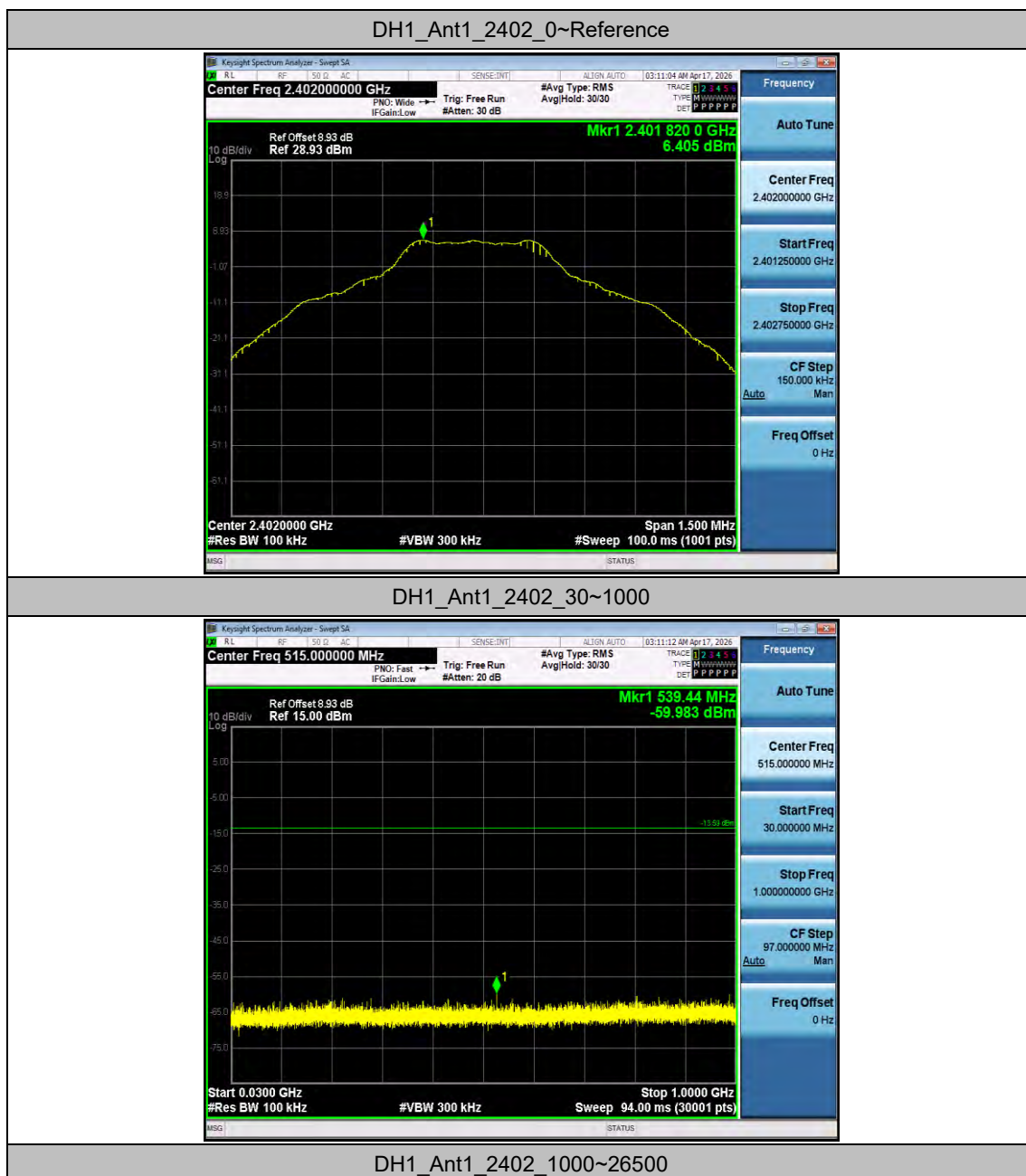


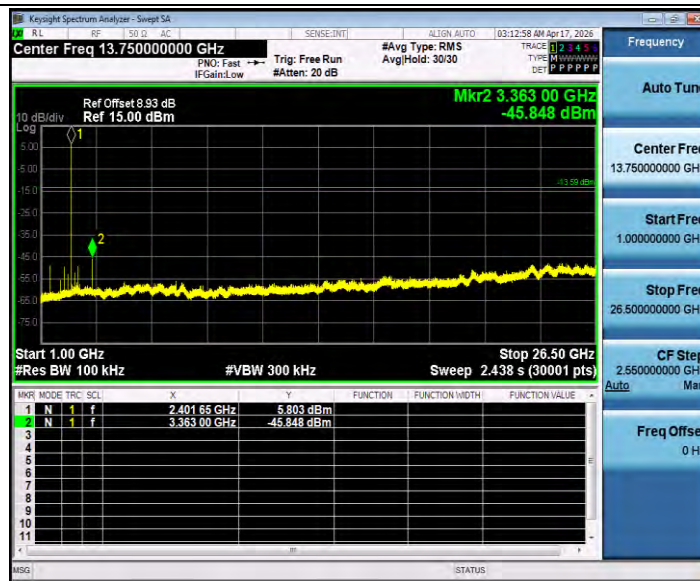
Appendix A.8: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	2402	Reference	6.41	6.41	---	PASS
			30~1000	6.41	-59.98	≤-13.59	PASS
			1000~26500	6.41	-45.85	≤-13.59	PASS
		2441	Reference	7.48	7.48	---	PASS
			30~1000	7.48	-60.64	≤-12.52	PASS
			1000~26500	7.48	-47.63	≤-12.52	PASS
		2480	Reference	6.75	6.75	---	PASS
			30~1000	6.75	-60.34	≤-13.25	PASS
			1000~26500	6.75	-47.92	≤-13.25	PASS
2DH1	Ant1	2402	Reference	6.05	6.05	---	PASS
			30~1000	6.05	-60.53	≤-13.95	PASS
			1000~26500	6.05	-45.7	≤-13.95	PASS
		2441	Reference	7.13	7.13	---	PASS
			30~1000	7.13	-59.99	≤-12.87	PASS
			1000~26500	7.13	-47.33	≤-12.87	PASS
		2480	Reference	6.40	6.40	---	PASS
			30~1000	6.40	-60.11	≤-13.6	PASS
			1000~26500	6.40	-47.72	≤-13.6	PASS
3DH1	Ant1	2402	Reference	6.16	6.16	---	PASS
			30~1000	6.16	-60.03	≤-13.84	PASS
			1000~26500	6.16	-46.19	≤-13.84	PASS
		2441	Reference	7.29	7.29	---	PASS
			30~1000	7.29	-59.71	≤-12.71	PASS
			1000~26500	7.29	-47.36	≤-12.71	PASS
		2480	Reference	6.56	6.56	---	PASS
			30~1000	6.56	-59.72	≤-13.44	PASS
			1000~26500	6.56	-47.76	≤-13.44	PASS

Test Graphs

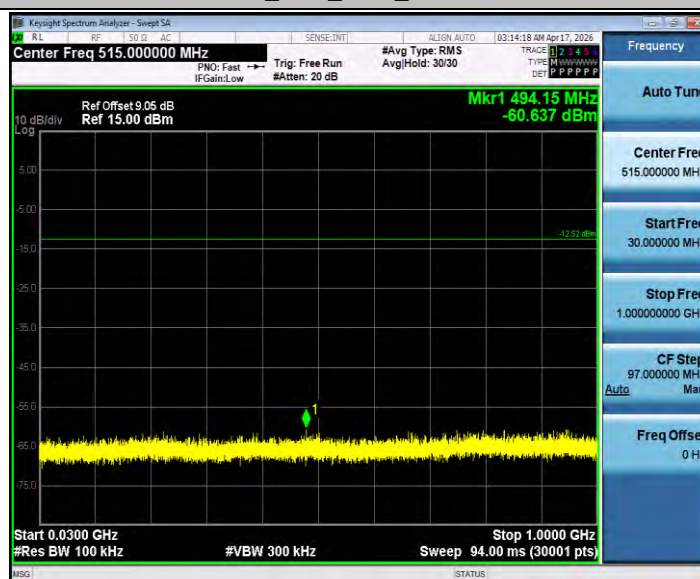




DH1_Ant1_2441_0~Reference



DH1_Ant1_2441_30~1000



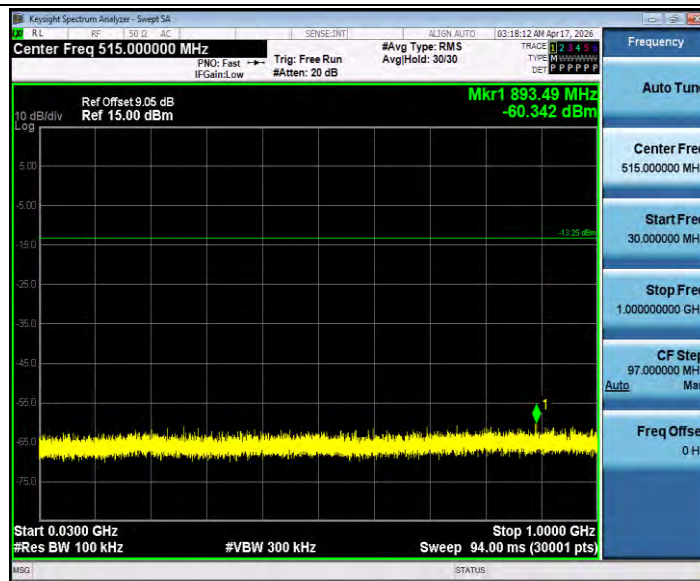
DH1_Ant1_2441_1000~26500



DH1_Ant1_2480_0~Reference



DH1_Ant1_2480_30~1000

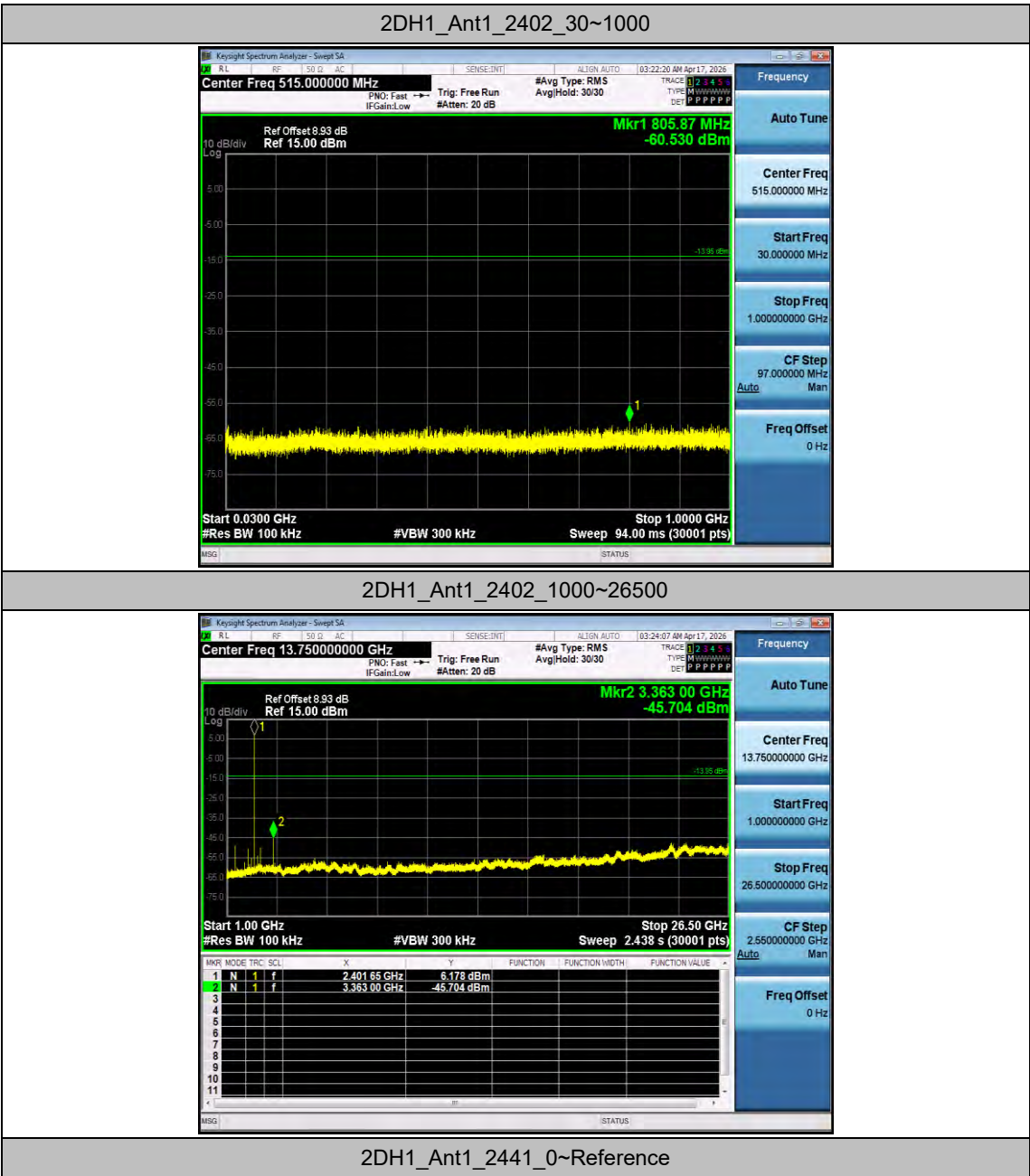


DH1_Ant1_2480_1000~26500



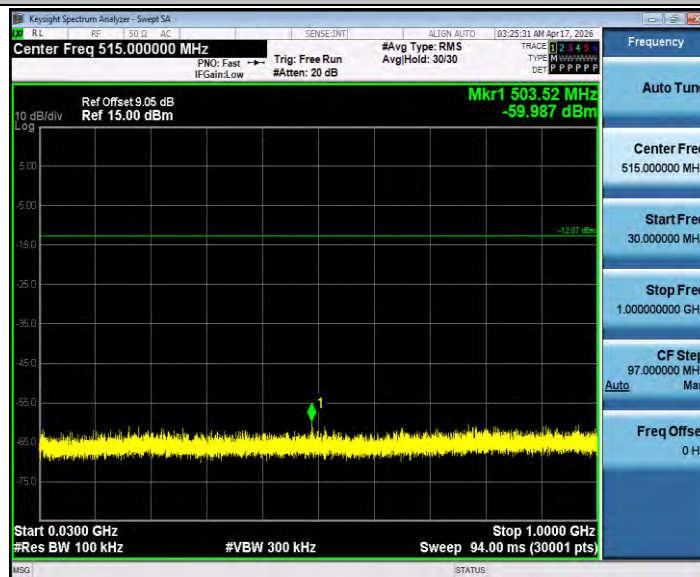
2DH1_Ant1_2402_0~Reference







2DH1_Ant1_2441_30~1000



2DH1_Ant1_2441_1000~26500



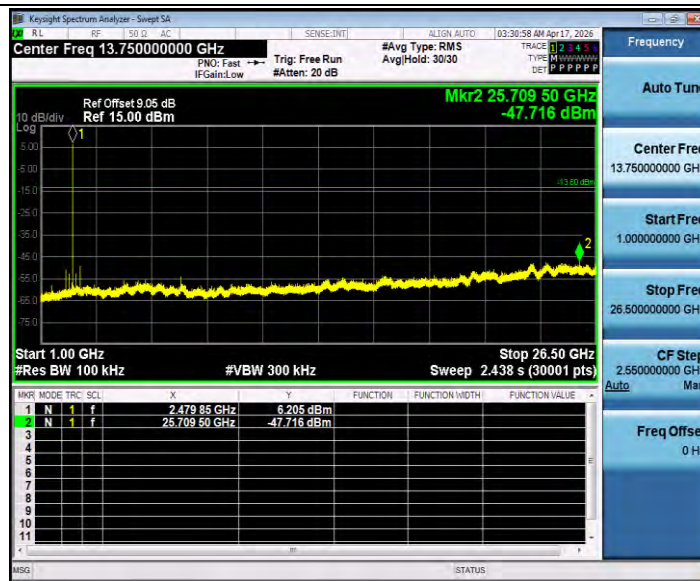
2DH1_Ant1_2480_0~Reference



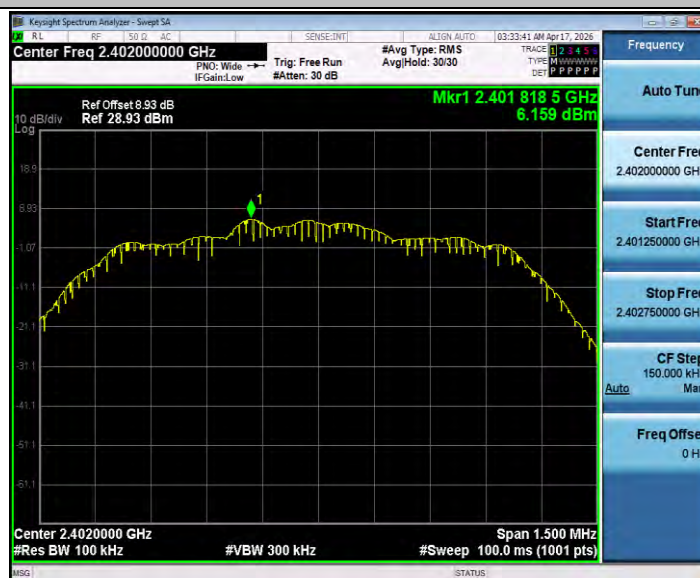
2DH1_Ant1_2480_30~1000



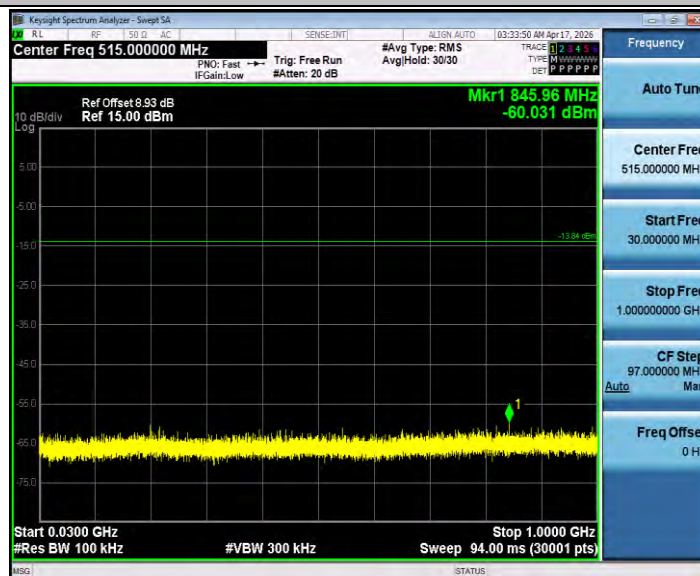
2DH1_Ant1_2480_1000~26500



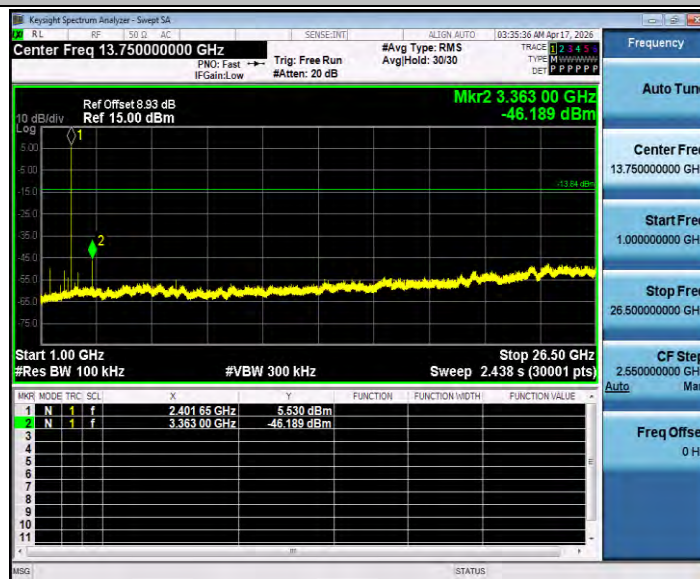
3DH1_Ant1_2402_0~Reference



3DH1_Ant1_2402_30~1000



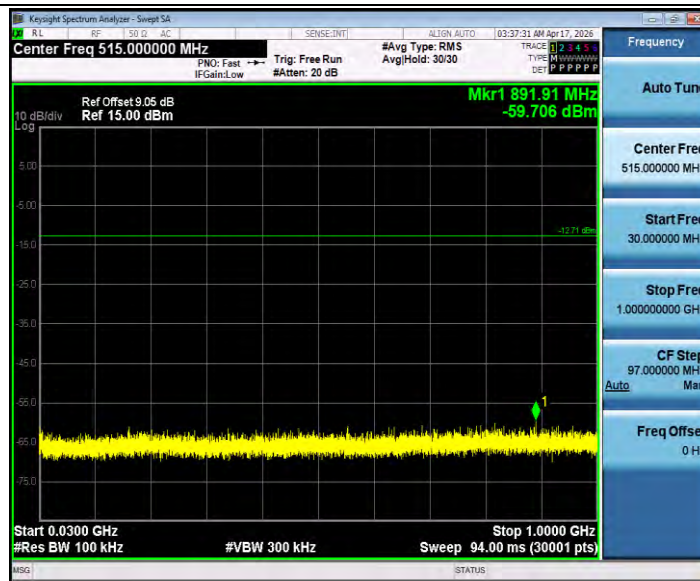
3DH1_Ant1_2402_1000~26500



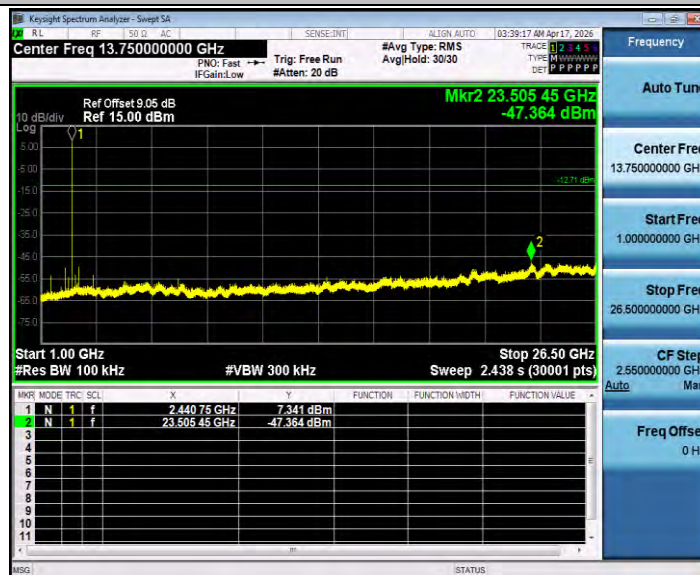
3DH1_Ant1_2441_0~Reference



3DH1_Ant1_2441_30~1000



3DH1_Ant1_2441_1000~26500



3DH1_Ant1_2480_0~Reference



