

Case No. : <u>GTS20251122004-2-12</u>
Ambient Condition: <u>23</u> °C, <u>51</u> %RH
According Standard: ■Part15C
Test Date: <u>2025.12.15-2026.3.31</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	1.116	2401.427	2402.543	---	---
		2441	1.110	2440.436	2441.546	---	---
		2480	1.116	2479.424	2480.540	---	---
2DH1	Ant1	2402	1.173	2401.403	2402.576	---	---
		2441	1.134	2440.415	2441.549	---	---
		2480	1.119	2479.430	2480.549	---	---
3DH1	Ant1	2402	1.143	2401.406	2402.549	---	---
		2441	1.143	2440.397	2441.540	---	---
		2480	1.143	2479.397	2480.540	---	---

Test Graphs

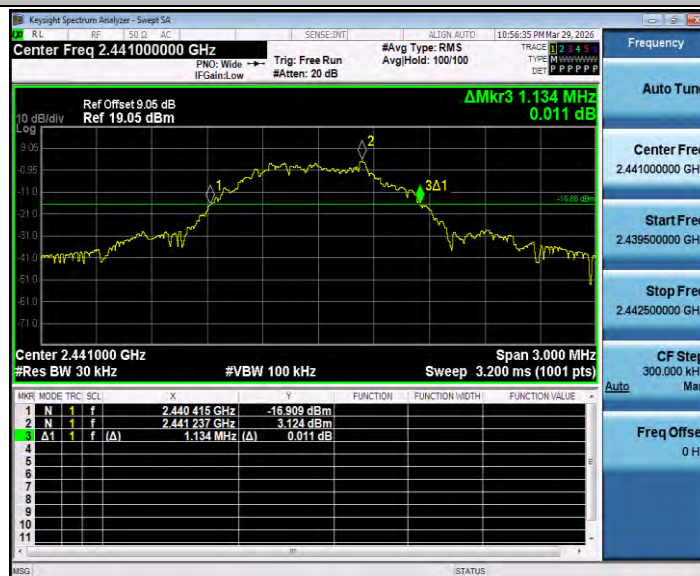




2DH1_Ant1_2402



2DH1_Ant1_2441



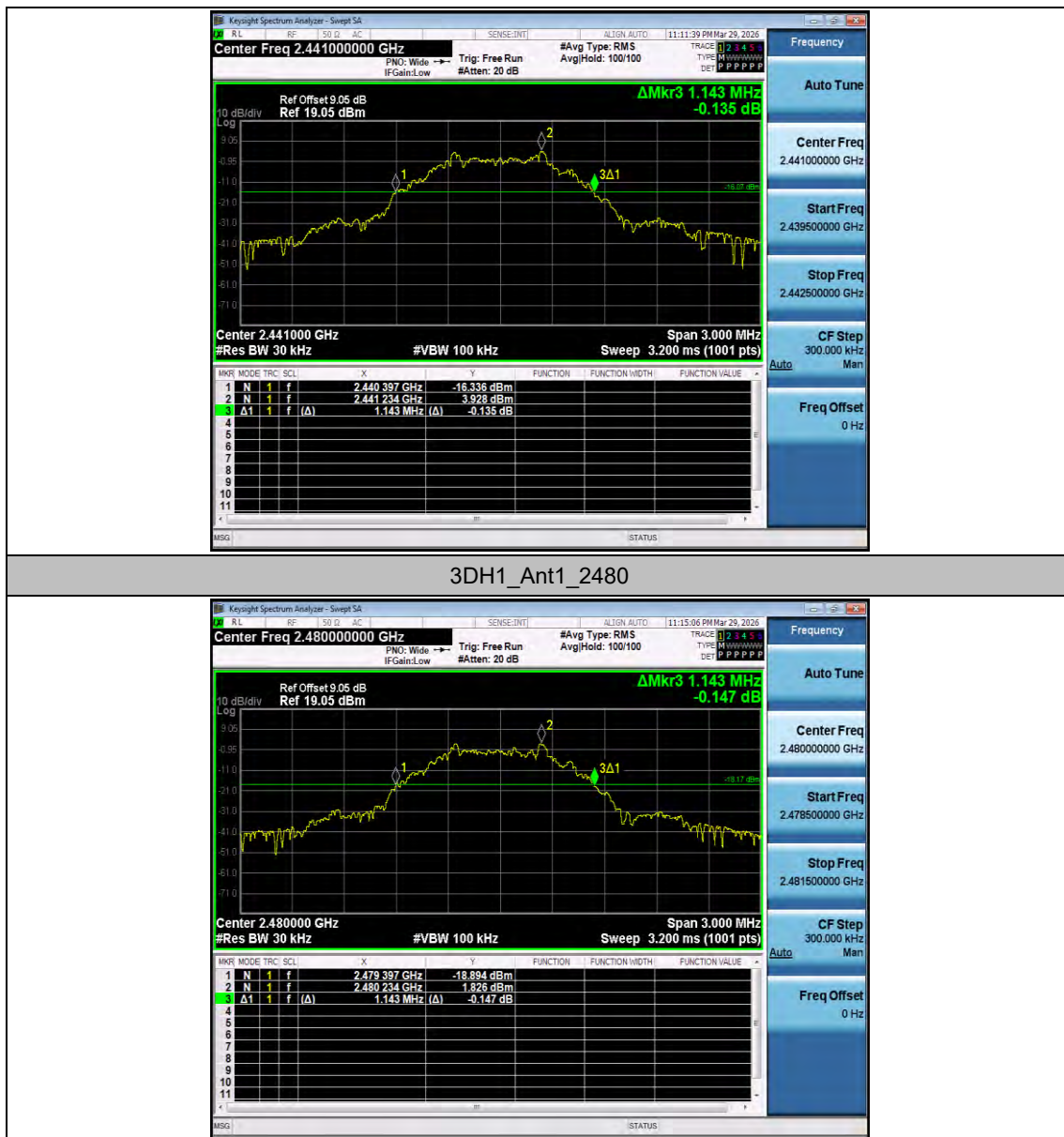
2DH1_Ant1_2480



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	1.0149	2401.4807	2402.4956	---	---
		2441	1.0134	2440.4811	2441.4945	---	---
		2480	1.0143	2479.4782	2480.4925	---	---
2DH1	Ant1	2402	1.0276	2401.4835	2402.5111	---	---
		2441	1.0259	2440.4828	2441.5087	---	---
		2480	1.0274	2479.4809	2480.5083	---	---
3DH1	Ant1	2402	1.0002	2401.4877	2402.4879	---	---
		2441	1.0004	2440.4876	2441.4880	---	---
		2480	1.0023	2479.4841	2480.4864	---	---

Test Graphs

DH1_Ant1_2402



DH1_Ant1_2441



DH1_Ant1_2480



2DH1_Ant1_2402



2DH1_Ant1_2441



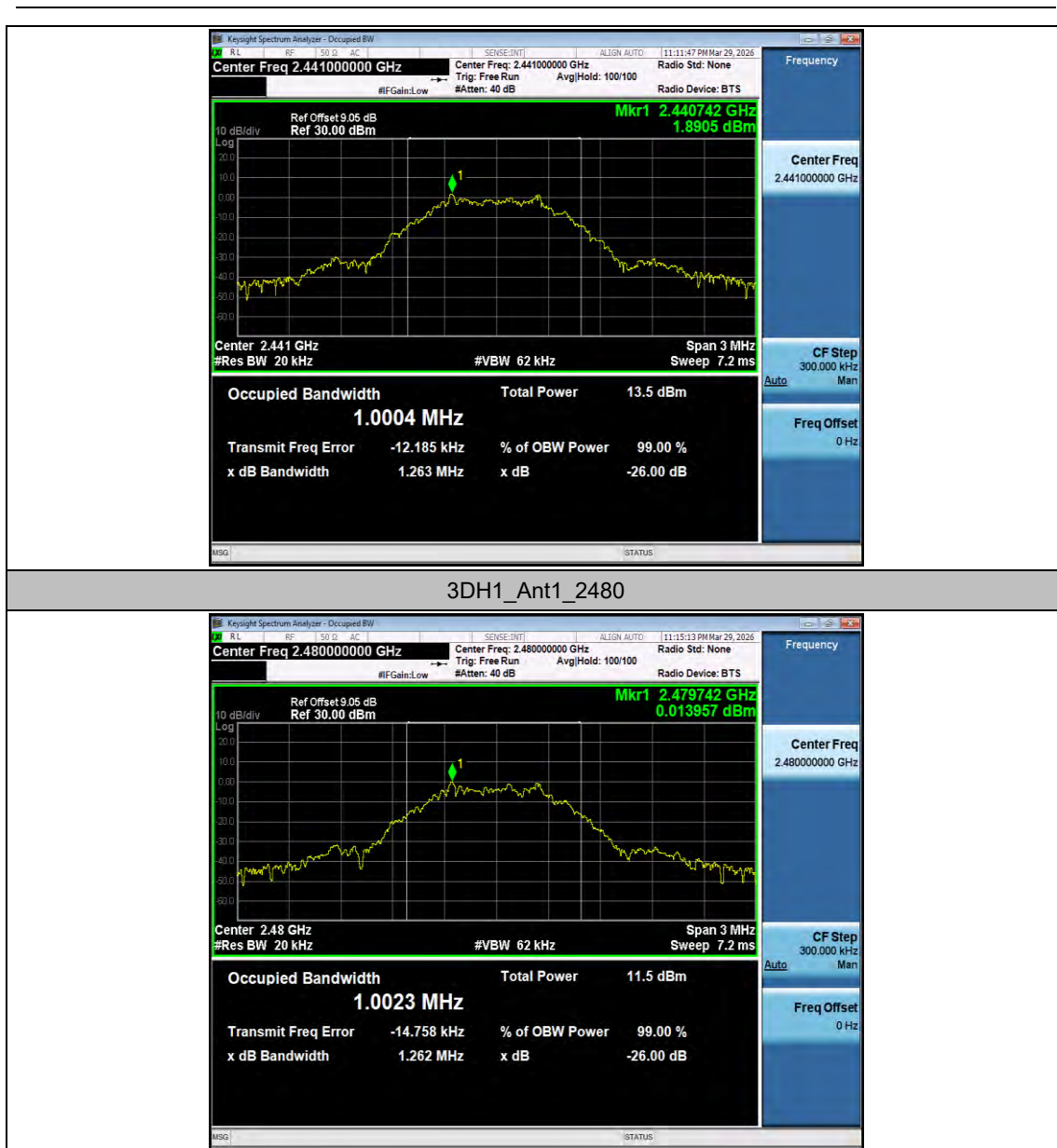
2DH1_Ant1_2480



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	7.13	≤20.97	PASS
		2441	8.61	≤20.97	PASS
		2480	6.76	≤20.97	PASS
2DH1	Ant1	2402	7.02	≤20.97	PASS
		2441	8.46	≤20.97	PASS
		2480	6.65	≤20.97	PASS
3DH1	Ant1	2402	7.02	≤20.97	PASS
		2441	8.47	≤20.97	PASS
		2480	6.68	≤20.97	PASS

AppendixA.4: Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH1	Ant1	Hop_2402	0.756	≥ 0.744	PASS
		Hop_2441	0.998	≥ 0.744	PASS
		Hop_2480	1.006	≥ 0.744	PASS
2DH1	Ant1	Hop_2402	0.982	≥ 0.782	PASS
		Hop_2441	1.504	≥ 0.782	PASS
		Hop_2480	0.992	≥ 0.782	PASS
3DH1	Ant1	Hop_2402	1.002	≥ 0.762	PASS
		Hop_2441	0.996	≥ 0.762	PASS
		Hop_2480	1.008	≥ 0.762	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

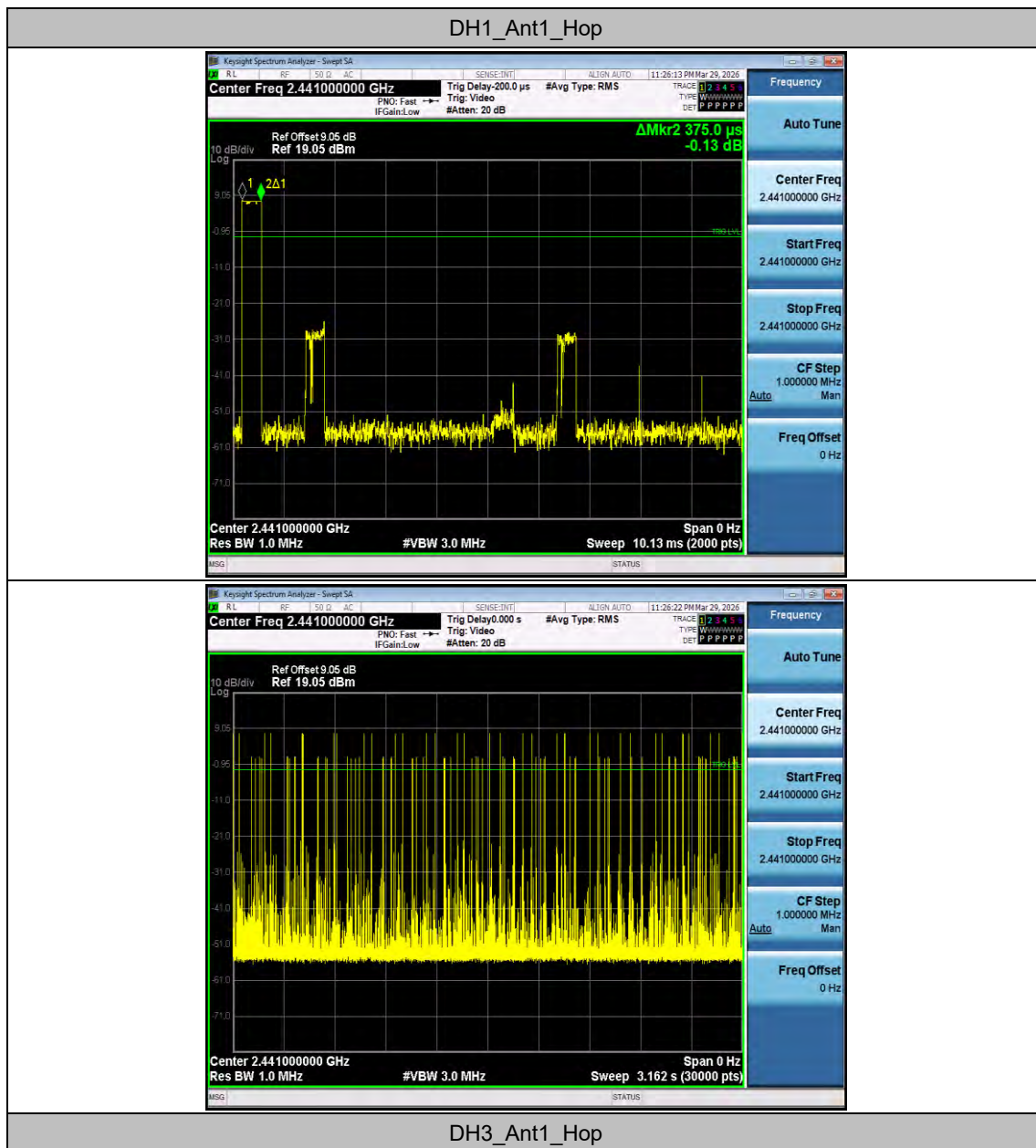


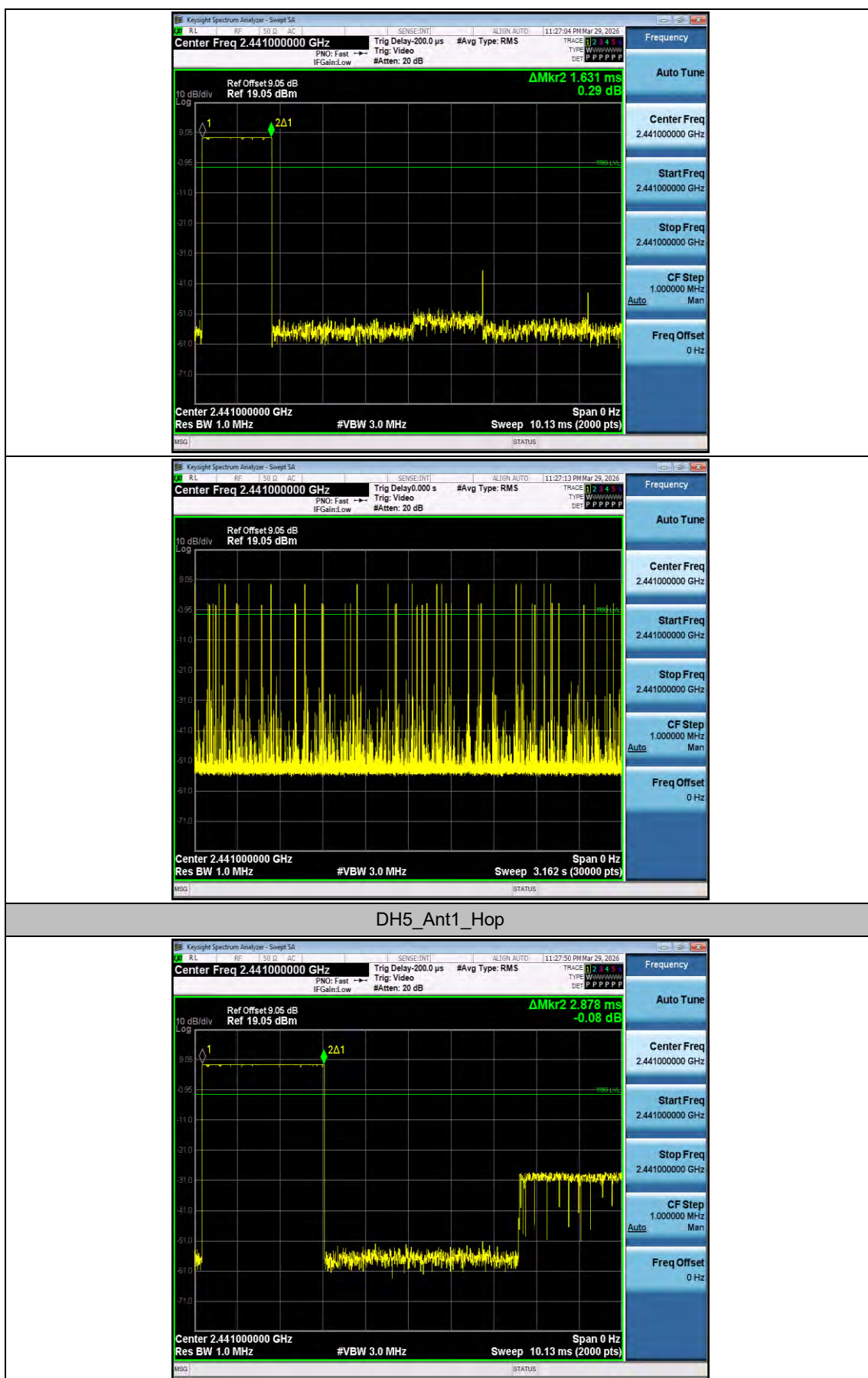
AppendixA.5: Time of occupancy

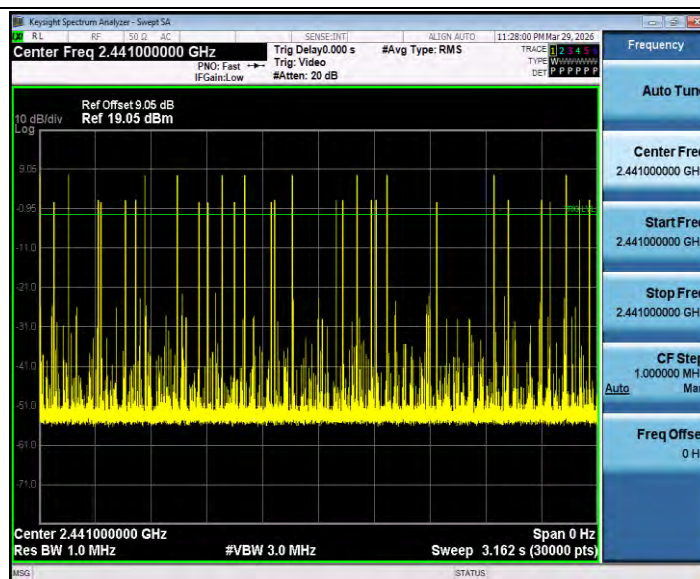
Test Result

TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.375	330	0.124	≤0.4	PASS
DH3	Ant1	Hop	1.631	190	0.31	≤0.4	PASS
DH5	Ant1	Hop	2.878	110	0.317	≤0.4	PASS
2DH1	Ant1	Hop	0.370	330	0.122	≤0.4	PASS
2DH3	Ant1	Hop	1.616	150	0.242	≤0.4	PASS
2DH5	Ant1	Hop	2.868	110	0.315	≤0.4	PASS
3DH1	Ant1	Hop	0.370	330	0.122	≤0.4	PASS
3DH3	Ant1	Hop	1.621	180	0.292	≤0.4	PASS
3DH5	Ant1	Hop	2.868	120	0.344	≤0.4	PASS

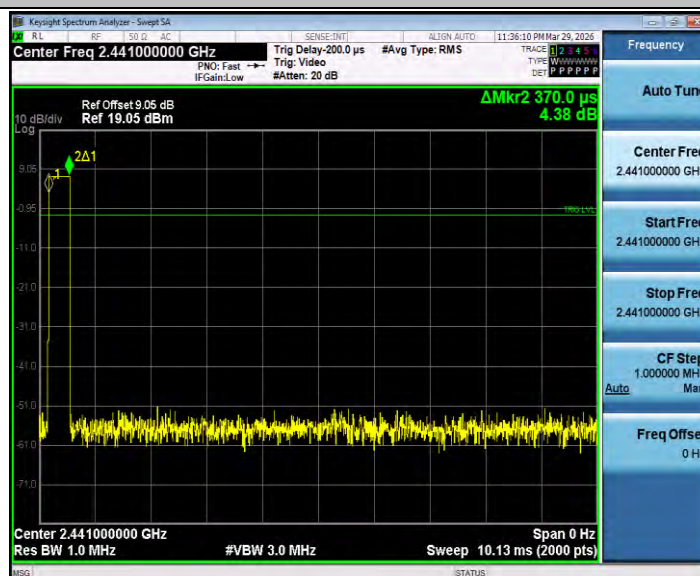
Test Graphs



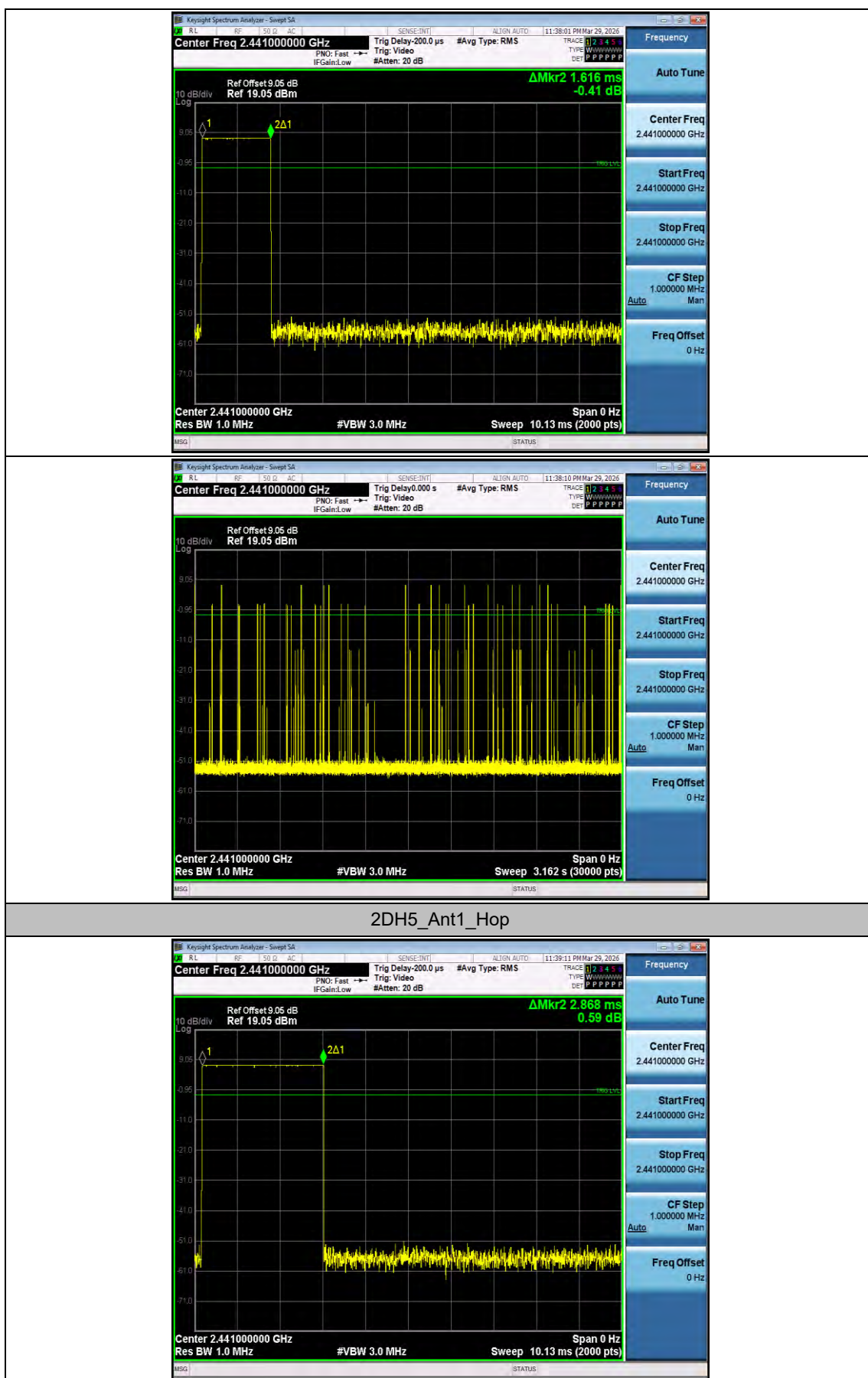


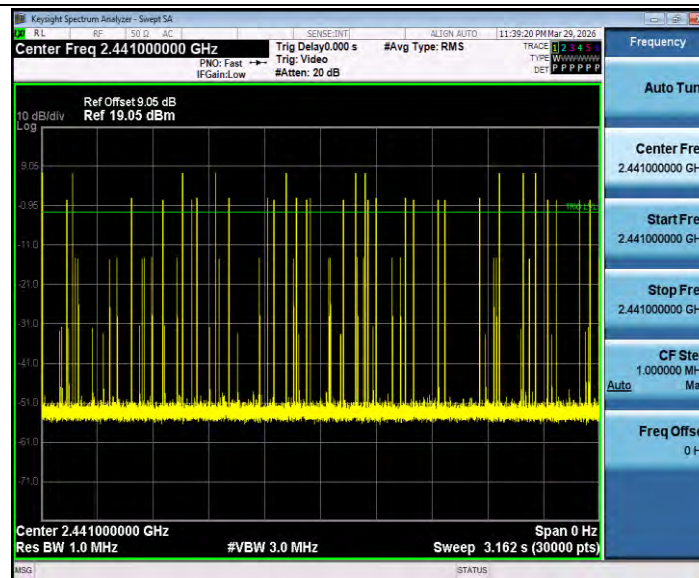


2DH1_Ant1_Hop

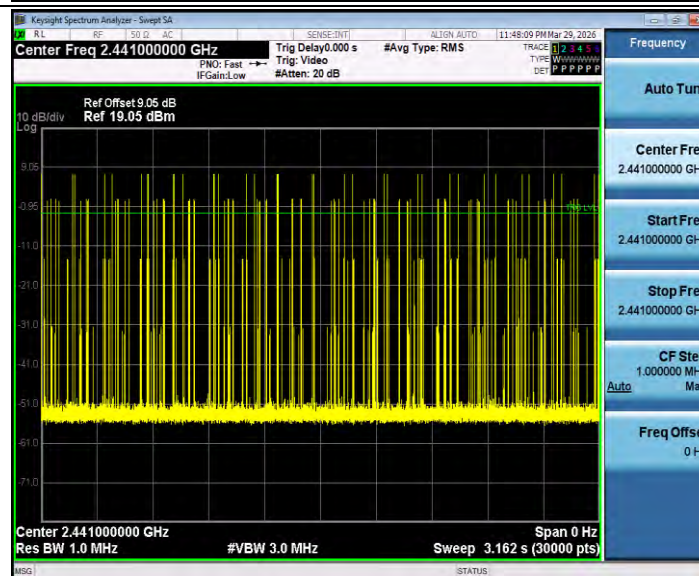
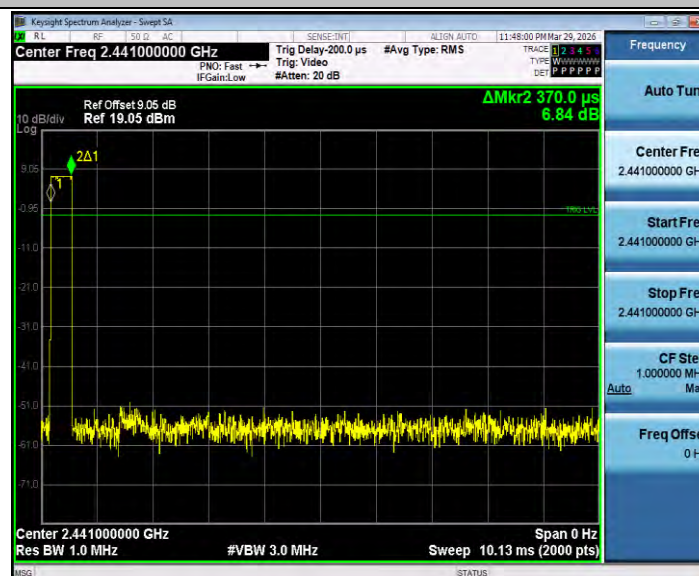


2DH3_Ant1_Hop

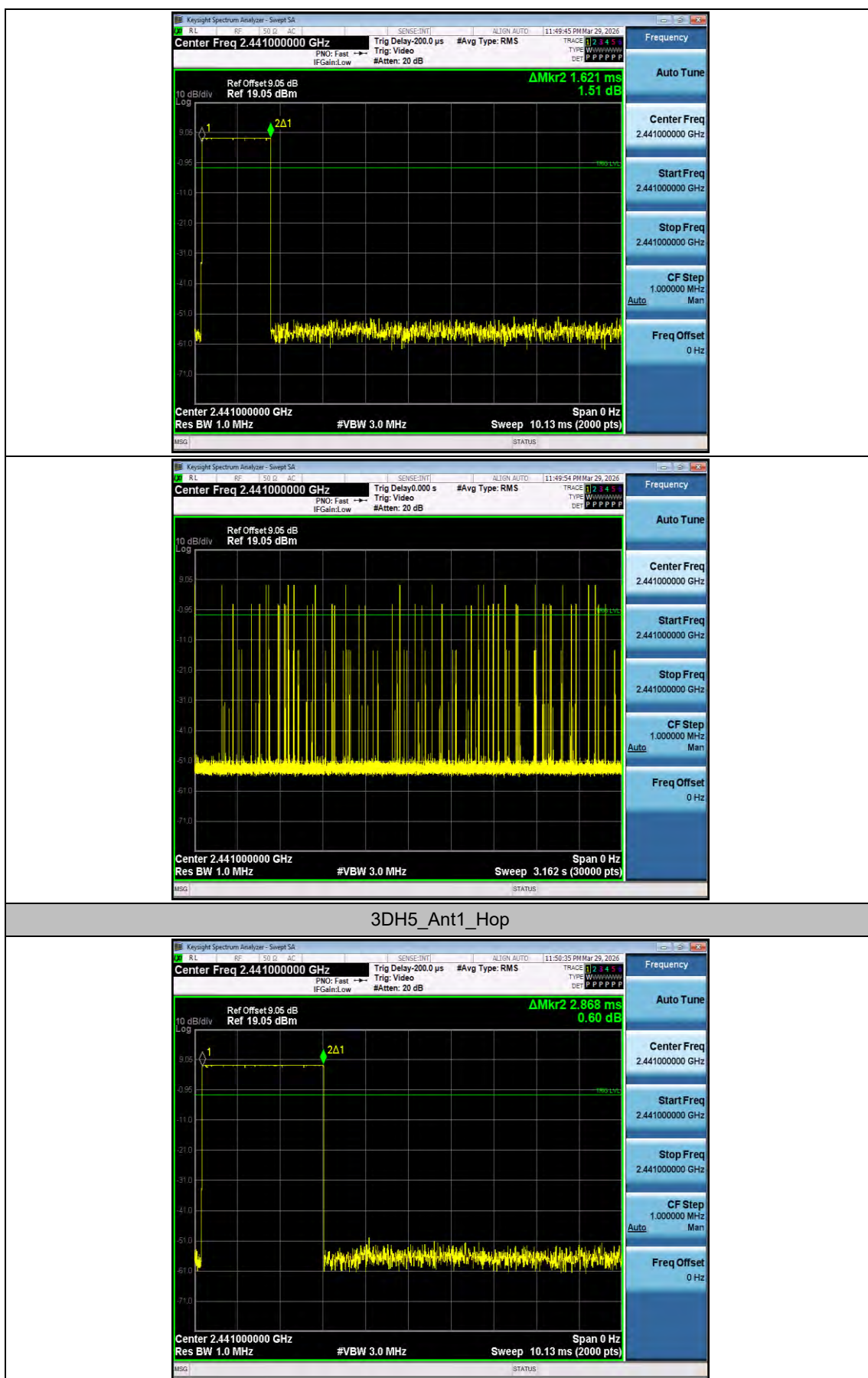




3DH1_Ant1_Hop



3DH3_Ant1_Hop

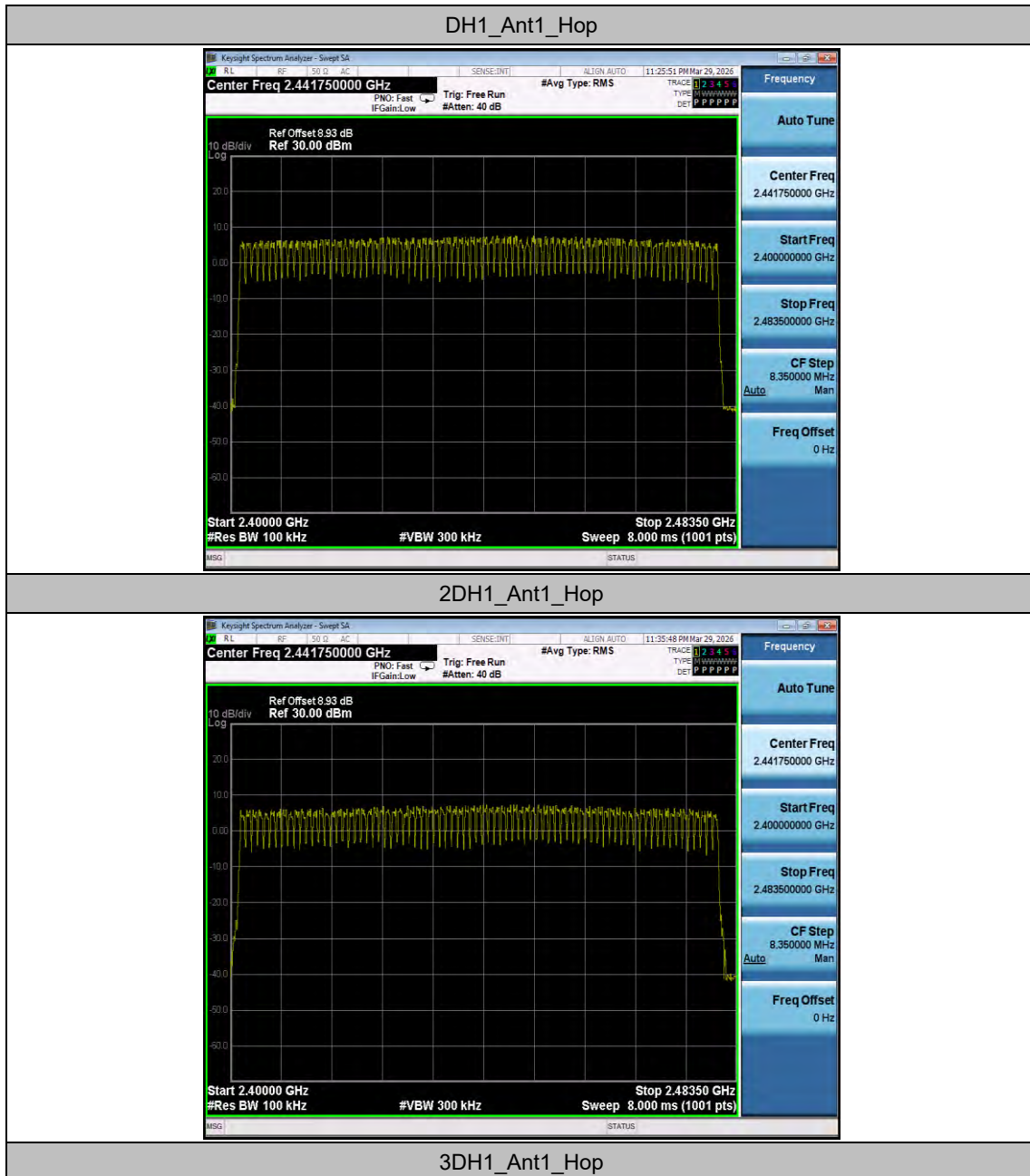


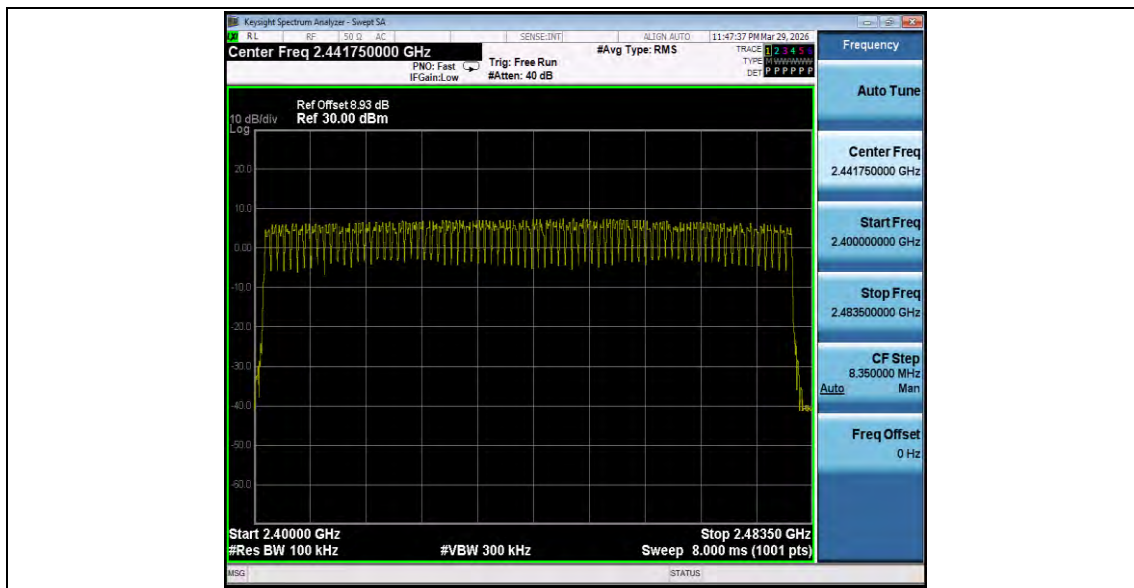


AppendixA.6: Number of hopping channels**Test Result**

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



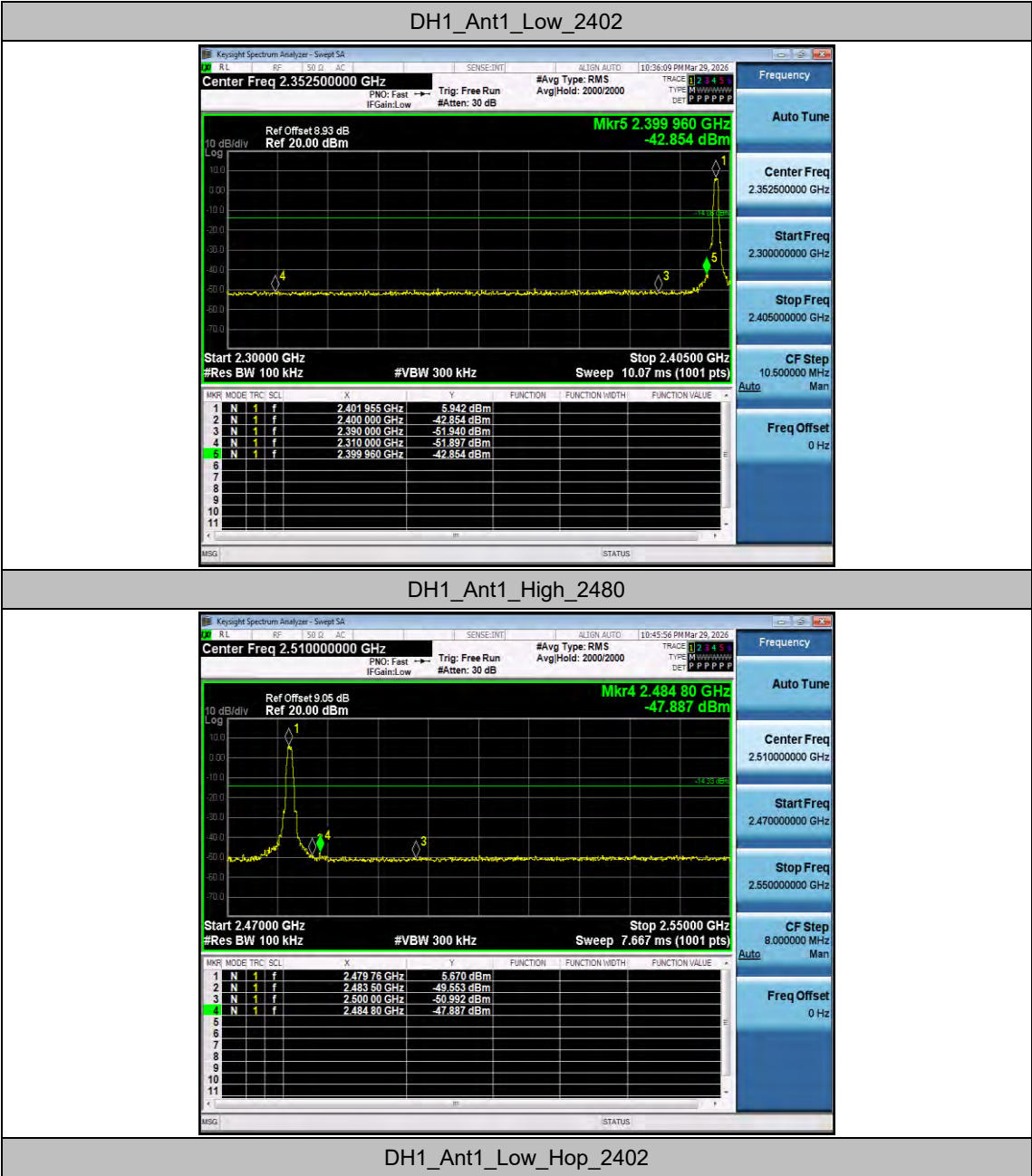


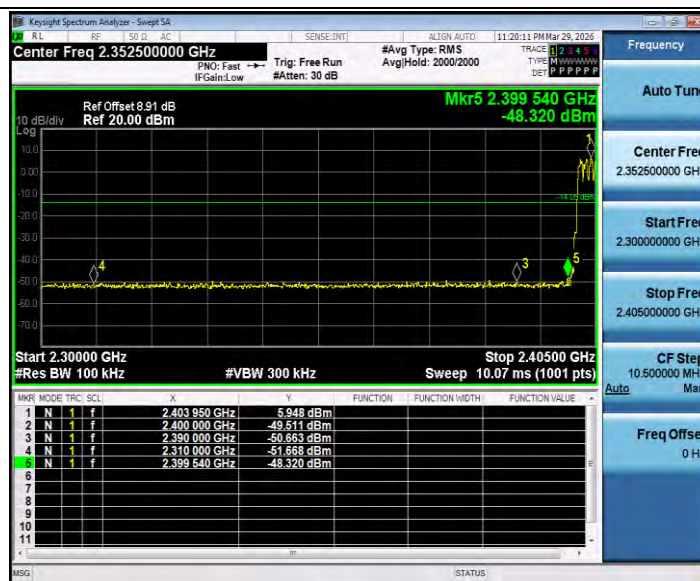
Appendix A.7: Band edge measurements

Test Result

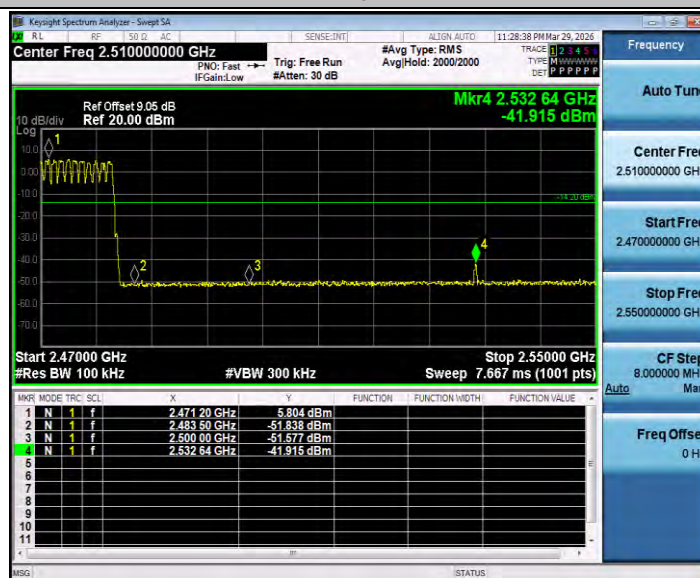
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	Low	2402	5.94	-42.85	≤-14.06	PASS
		High	2480	5.67	-47.89	≤-14.33	PASS
		Low	Hop_2402	5.95	-48.32	≤-14.05	PASS
		High	Hop_2480	5.80	-41.92	≤-14.2	PASS
2DH1	Ant1	Low	2402	5.74	-38.55	≤-14.26	PASS
		High	2480	5.51	-48.48	≤-14.49	PASS
		Low	Hop_2402	5.65	-49.58	≤-14.36	PASS
		High	Hop_2480	6.39	-48.74	≤-13.61	PASS
3DH1	Ant1	Low	2402	5.85	-38.26	≤-14.15	PASS
		High	2480	5.55	-48.31	≤-14.45	PASS
		Low	Hop_2402	5.88	-49.79	≤-14.12	PASS
		High	Hop_2480	6.42	-48.79	≤-13.58	PASS

Test Graphs

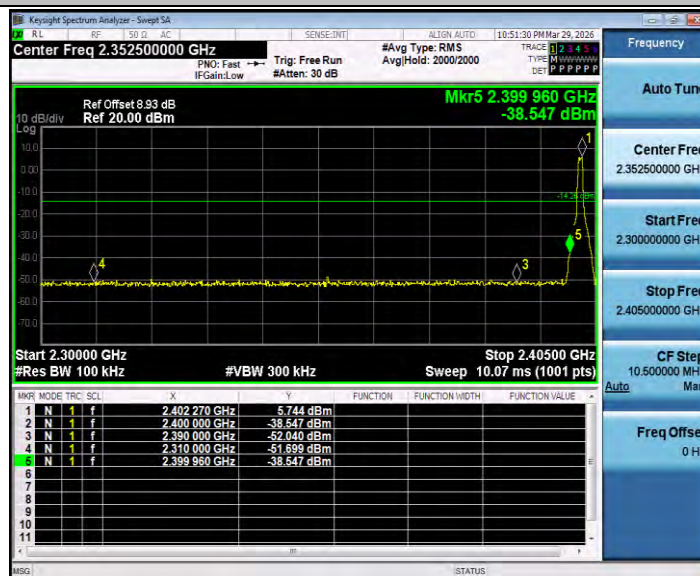




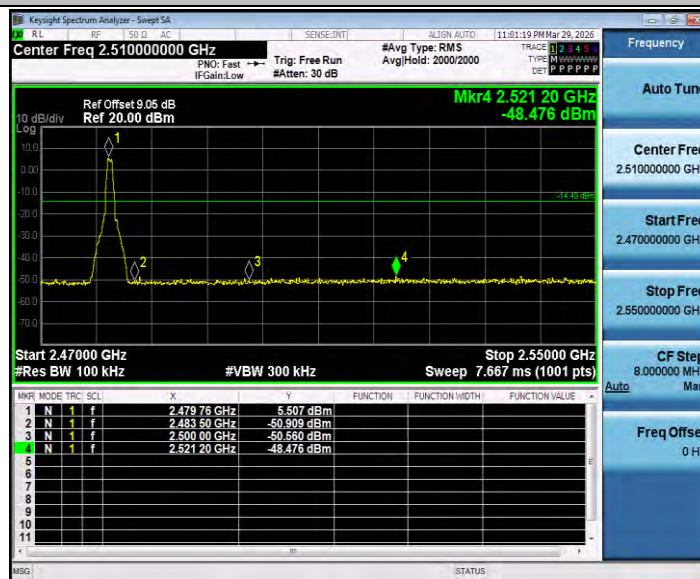
DH1_Ant1_High_Hop_2480



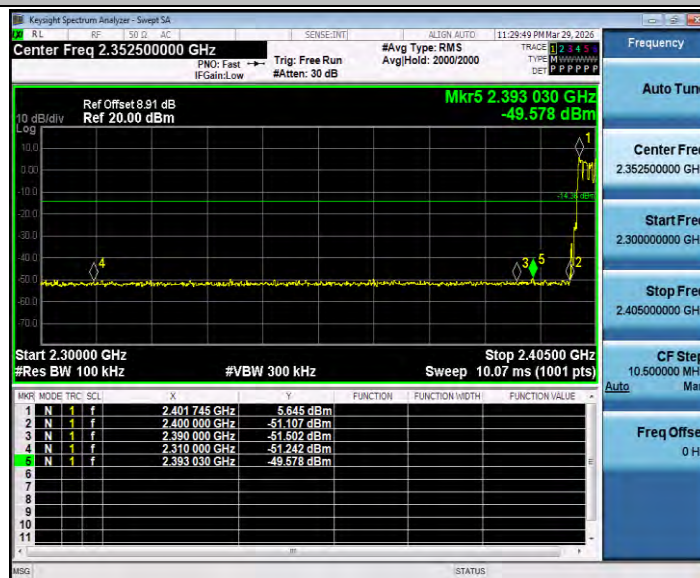
2DH1_Ant1_Low_2402



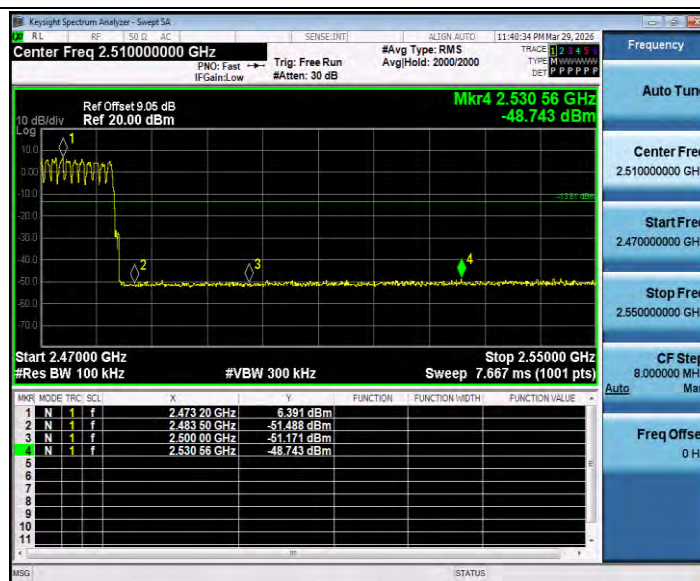
2DH1_Ant1_High_2480



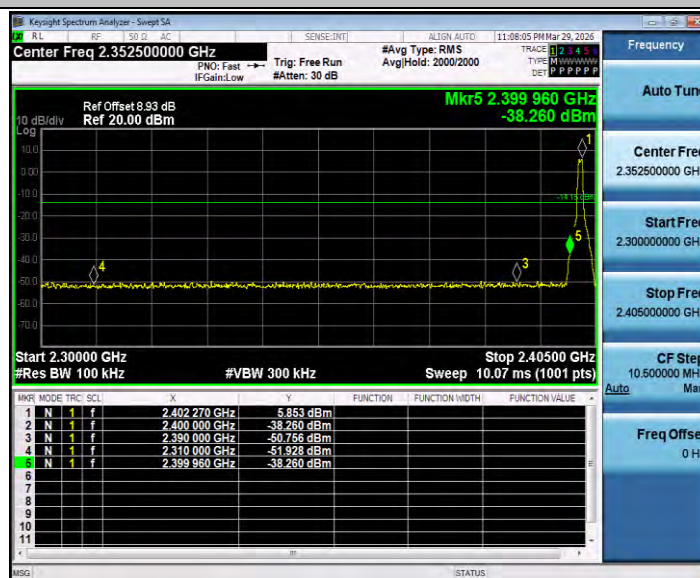
2DH1_Ant1_Low_Hop_2402



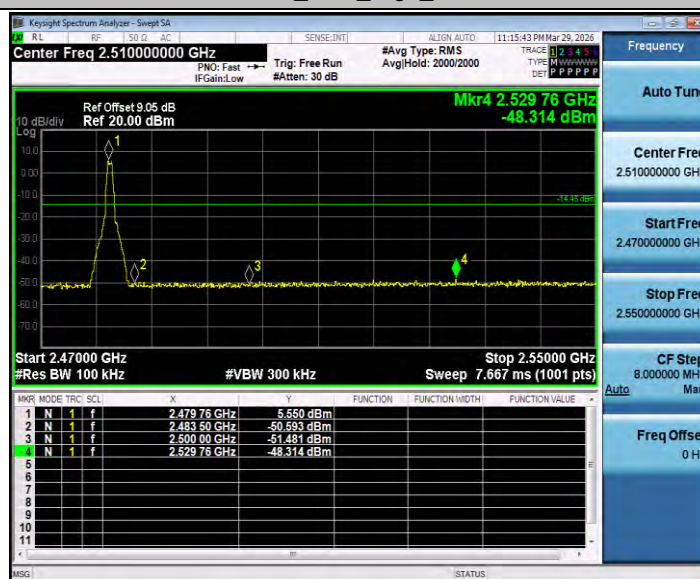
2DH1_Ant1_High_Hop_2480



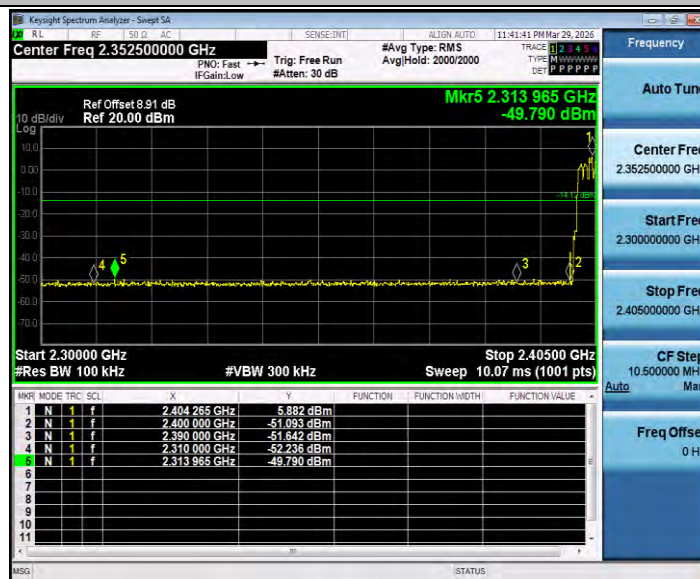
3DH1_Ant1_Low_2402



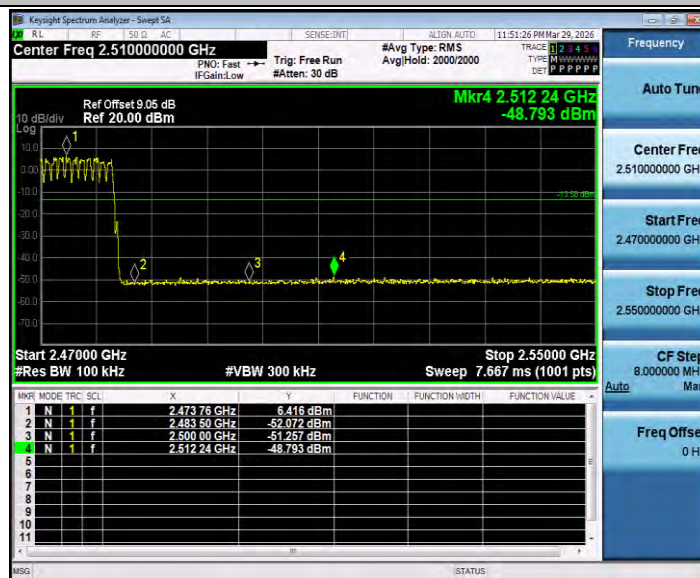
3DH1_Ant1_High_2480



3DH1_Ant1_Low_Hop_2402



3DH1_Ant1_High_Hop_2480

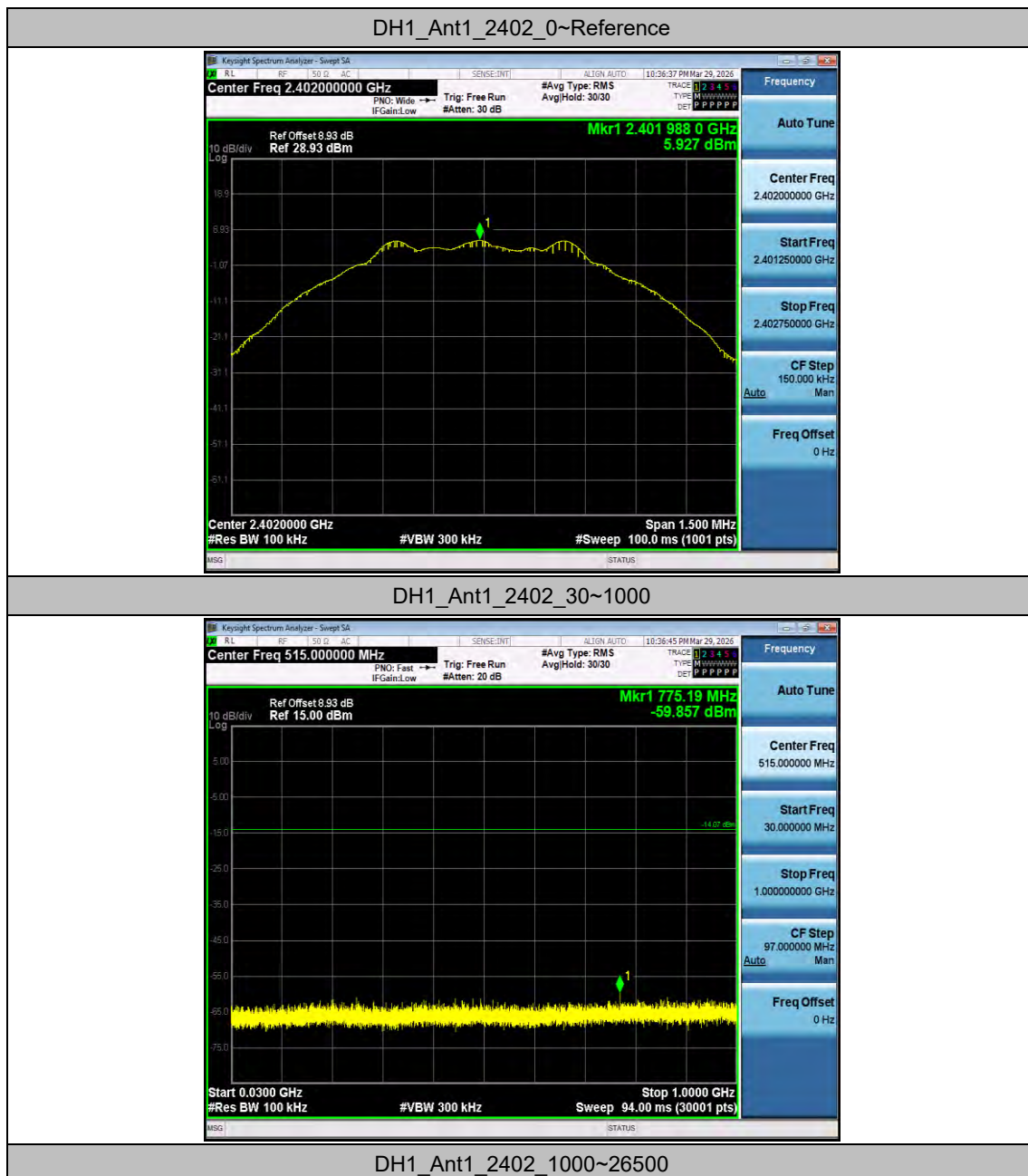


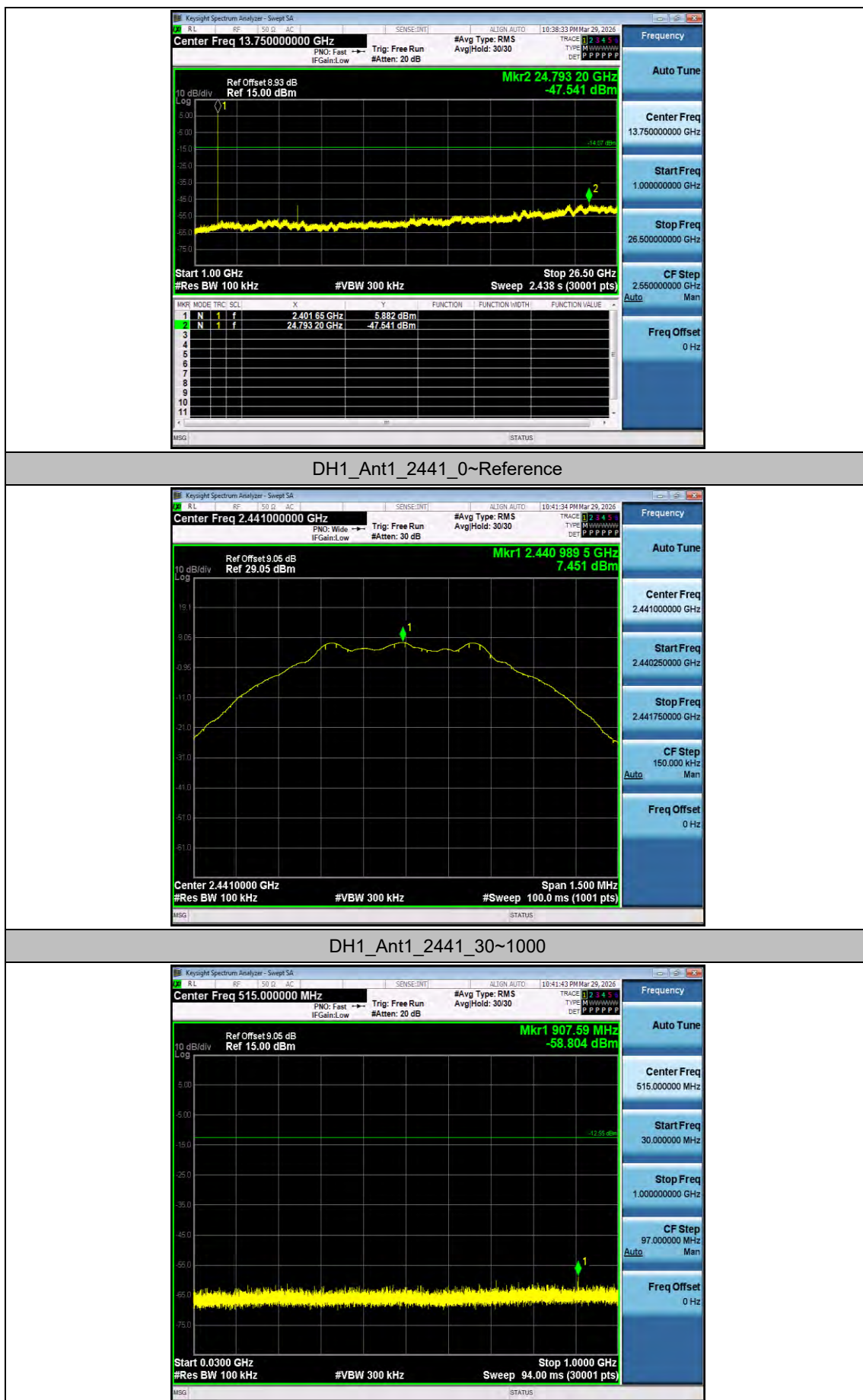
Appendix A.8: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	2402	Reference	5.93	5.93	---	PASS
			30~1000	5.93	-59.86	≤-14.07	PASS
			1000~26500	5.93	-47.54	≤-14.07	PASS
		2441	Reference	7.45	7.45	---	PASS
			30~1000	7.45	-58.8	≤-12.55	PASS
			1000~26500	7.45	-47.41	≤-12.55	PASS
		2480	Reference	5.59	5.59	---	PASS
			30~1000	5.59	-59.79	≤-14.41	PASS
			1000~26500	5.59	-47.43	≤-14.41	PASS
2DH1	Ant1	2402	Reference	5.59	5.59	---	PASS
			30~1000	5.59	-60.59	≤-14.41	PASS
			1000~26500	5.59	-47.51	≤-14.41	PASS
		2441	Reference	7.08	7.08	---	PASS
			30~1000	7.08	-59.3	≤-12.92	PASS
			1000~26500	7.08	-47.27	≤-12.92	PASS
		2480	Reference	5.31	5.31	---	PASS
			30~1000	5.31	-60.53	≤-14.69	PASS
			1000~26500	5.31	-47.99	≤-14.69	PASS
3DH1	Ant1	2402	Reference	5.79	5.79	---	PASS
			30~1000	5.79	-60.12	≤-14.21	PASS
			1000~26500	5.79	-47.65	≤-14.21	PASS
		2441	Reference	7.29	7.29	---	PASS
			30~1000	7.29	-53.99	≤-12.71	PASS
			1000~26500	7.29	-46.89	≤-12.71	PASS
		2480	Reference	5.47	5.47	---	PASS
			30~1000	5.47	-60.1	≤-14.53	PASS
			1000~26500	5.47	-47.29	≤-14.53	PASS

Test Graphs





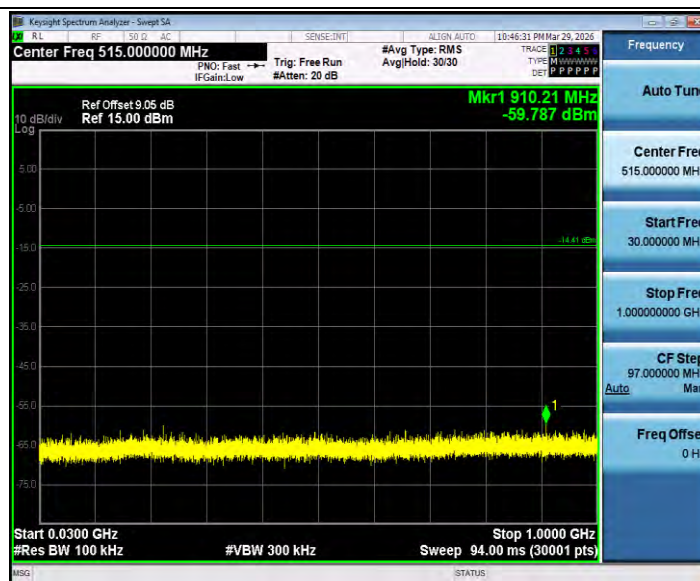
DH1_Ant1_2441_1000~26500



DH1_Ant1_2480_0~Reference



DH1_Ant1_2480_30~1000

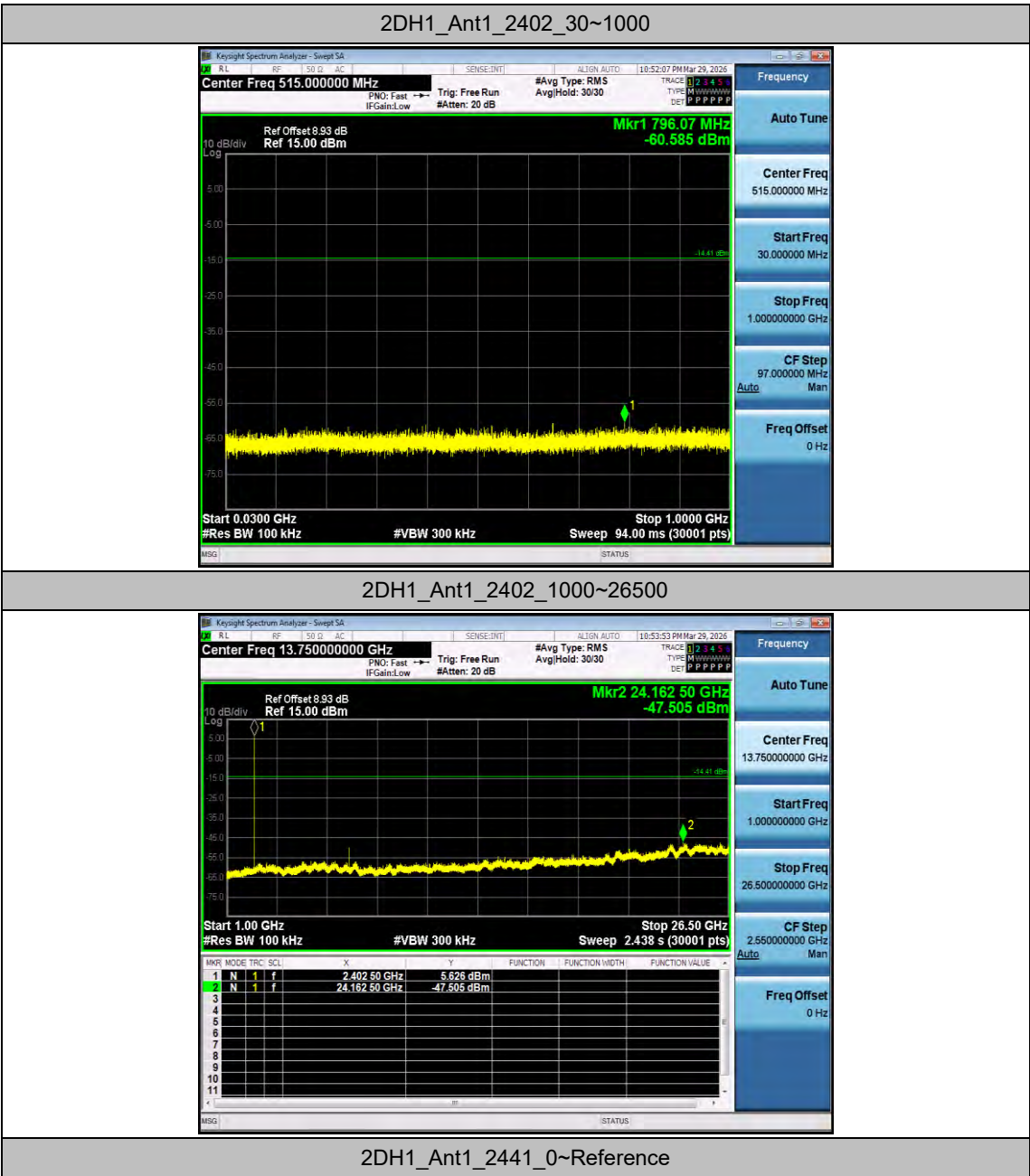


DH1_Ant1_2480_1000~26500



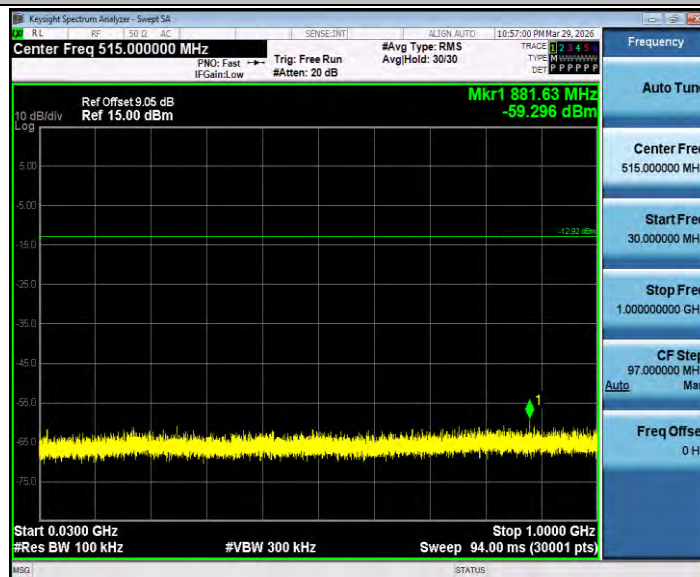
2DH1_Ant1_2402_0~Reference







2DH1_Ant1_2441_30~1000



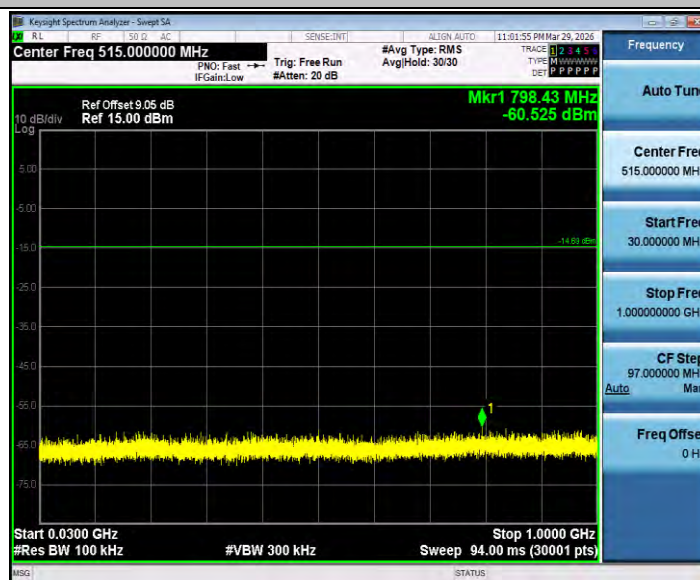
2DH1_Ant1_2441_1000~26500



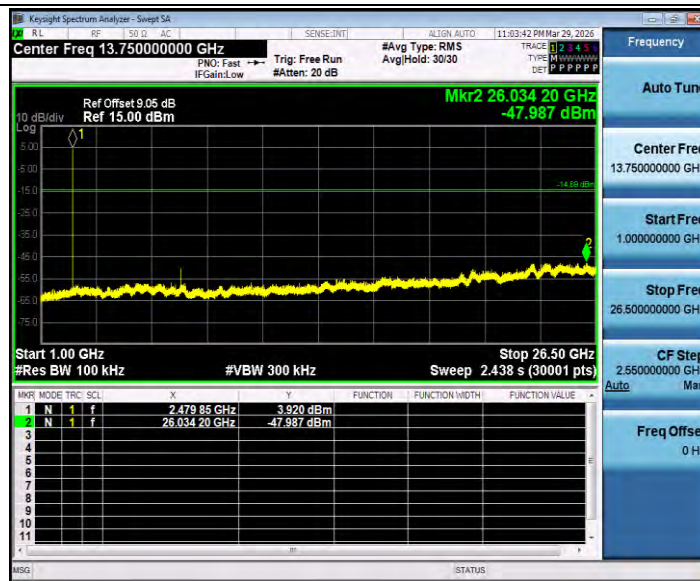
2DH1_Ant1_2480_0~Reference



2DH1_Ant1_2480_30~1000



2DH1_Ant1_2480_1000~26500



3DH1_Ant1_2402_0~Reference



3DH1_Ant1_2402_30~1000



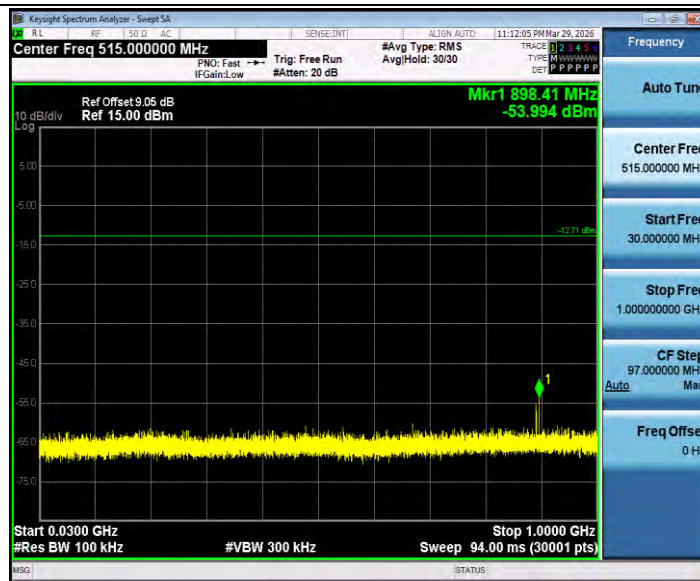
3DH1_Ant1_2402_1000~26500



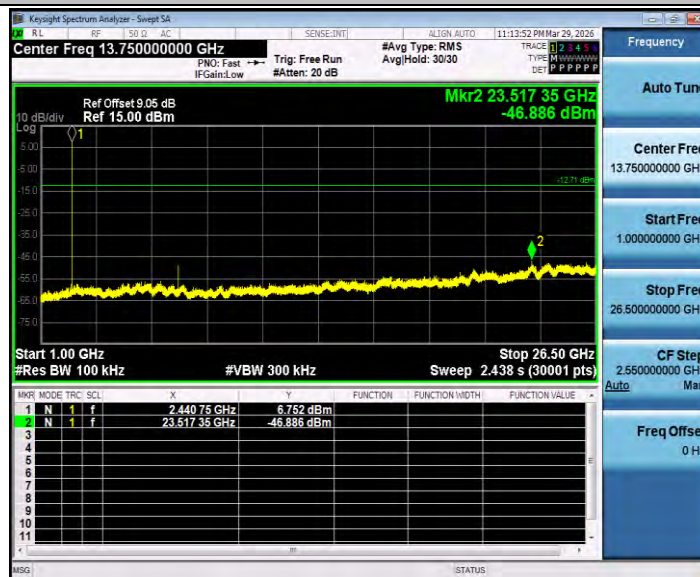
3DH1_Ant1_2441_0~Reference



3DH1_Ant1_2441_30~1000



3DH1_Ant1_2441_1000~26500



3DH1_Ant1_2480_0~Reference



