

Case No. : <u>GTS20251225009-2-09</u>
Ambient Condition: <u>23</u> °C, <u>52</u> %RH
According Standard: ■Part15C
Test Date: <u>2026.1.19-2026.3.10</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	1.011	2401.511	2402.522	---	---
		2441	0.999	2440.508	2441.507	---	---
		2480	0.978	2479.502	2480.480	---	---
2DH1	Ant1	2402	1.338	2401.316	2402.654	---	---
		2441	1.353	2440.307	2441.660	---	---
		2480	1.371	2479.301	2480.672	---	---
3DH1	Ant1	2402	1.335	2401.319	2402.654	---	---
		2441	1.347	2440.325	2441.672	---	---
		2480	1.356	2479.301	2480.657	---	---



2DH1_Ant1_2402



2DH1_Ant1_2441



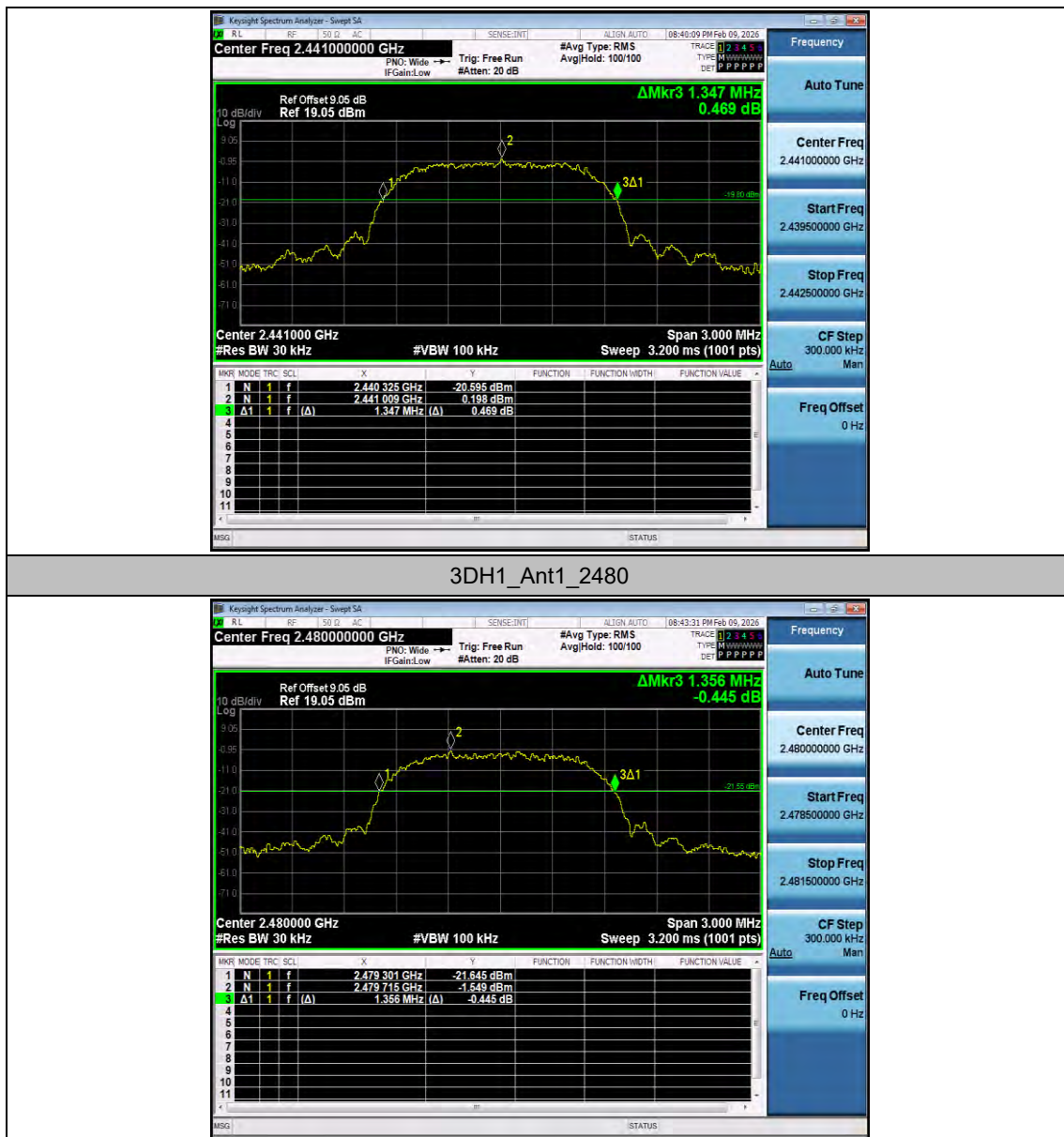
2DH1_Ant1_2480



3DH1_Ant1_2402



3DH1_Ant1_2441



AppendixA.2: Occupied Channel Bandwidth

Test Result

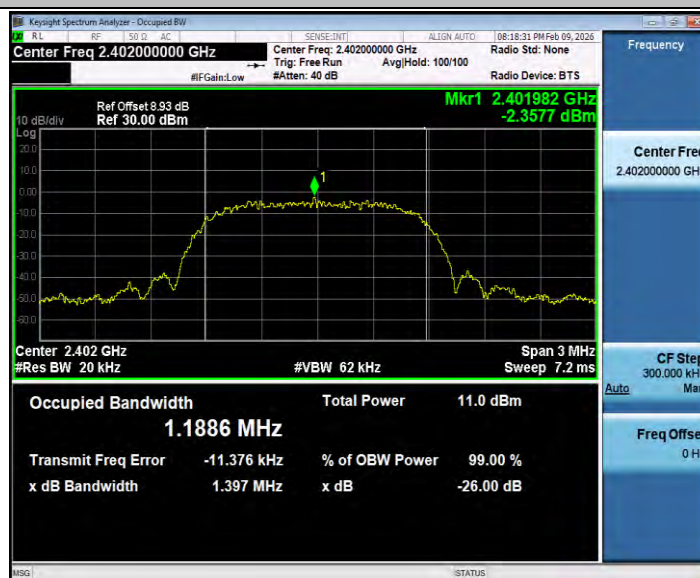
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	0.89235	2401.5494	2402.4418	---	---
		2441	0.89504	2440.5496	2441.4447	---	---
		2480	0.89501	2479.5451	2480.4401	---	---
2DH1	Ant1	2402	1.1886	2401.3943	2402.5829	---	---
		2441	1.1932	2440.3920	2441.5852	---	---
		2480	1.1880	2479.3959	2480.5839	---	---
3DH1	Ant1	2402	1.1888	2401.3968	2402.5856	---	---
		2441	1.1910	2440.3963	2441.5873	---	---
		2480	1.1900	2479.3917	2480.5817	---	---

Test Graphs





2DH1_Ant1_2402



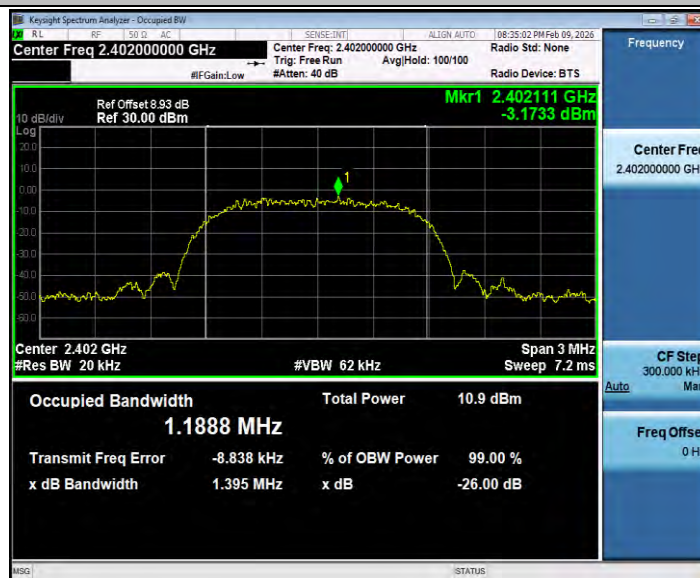
2DH1_Ant1_2441



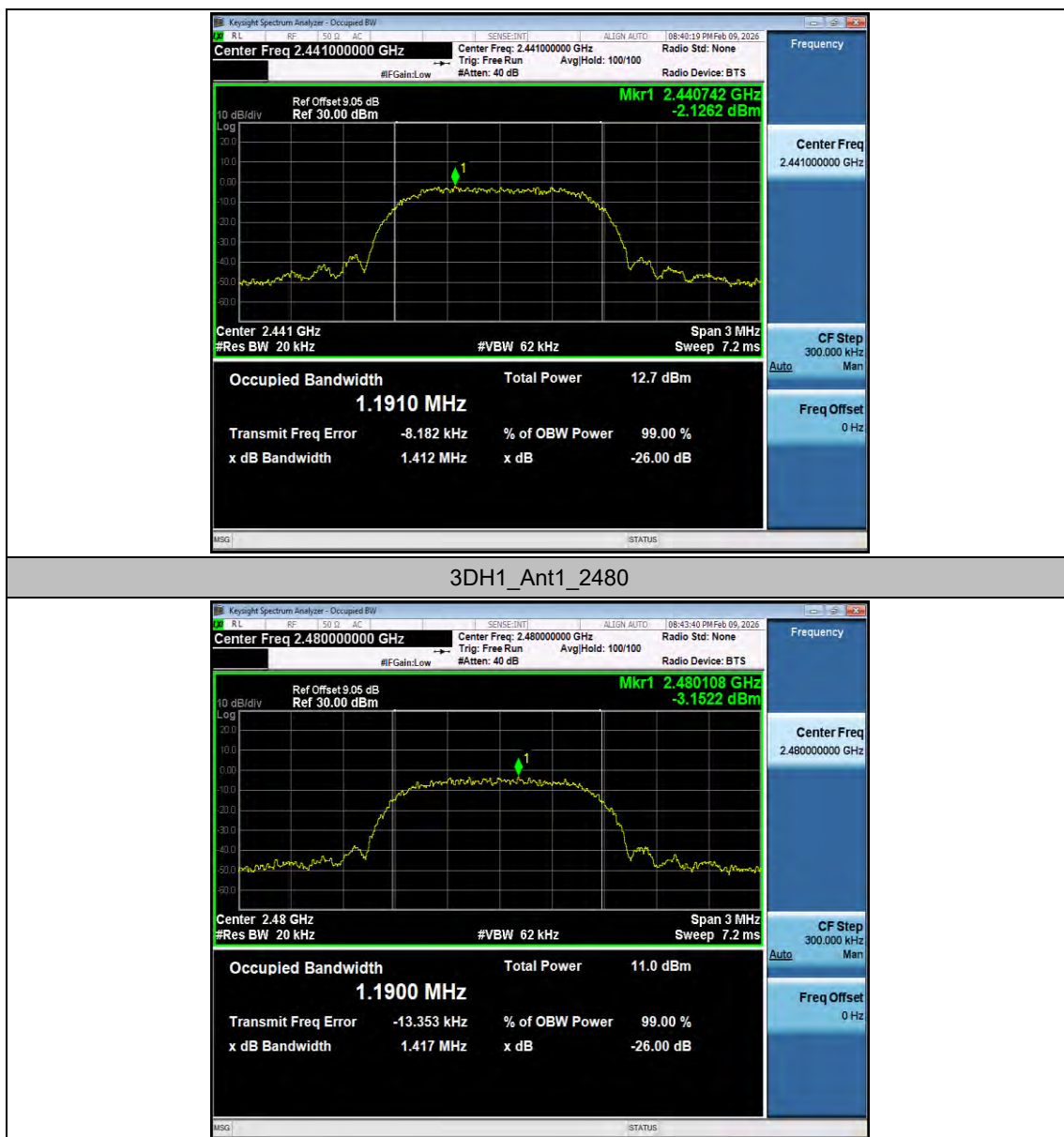
2DH1_Ant1_2480



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	6.72	≤20.97	PASS
		2441	7.04	≤20.97	PASS
		2480	6.93	≤20.97	PASS
2DH1	Ant1	2402	8.81	≤20.97	PASS
		2441	8.37	≤20.97	PASS
		2480	7.96	≤20.97	PASS
3DH1	Ant1	2402	8.36	≤20.97	PASS
		2441	8.90	≤20.97	PASS
		2480	8.32	≤20.97	PASS

AppendixA.4: Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH1	Ant1	Hop_2402	0.99	≥ 0.674	PASS
		Hop_2441	1.338	≥ 0.674	PASS
		Hop_2480	1.166	≥ 0.674	PASS
2DH1	Ant1	Hop_2402	1.33	≥ 0.914	PASS
		Hop_2441	1	≥ 0.914	PASS
		Hop_2480	1.012	≥ 0.914	PASS
3DH1	Ant1	Hop_2402	0.994	≥ 0.904	PASS
		Hop_2441	1.014	≥ 0.904	PASS
		Hop_2480	0.996	≥ 0.904	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

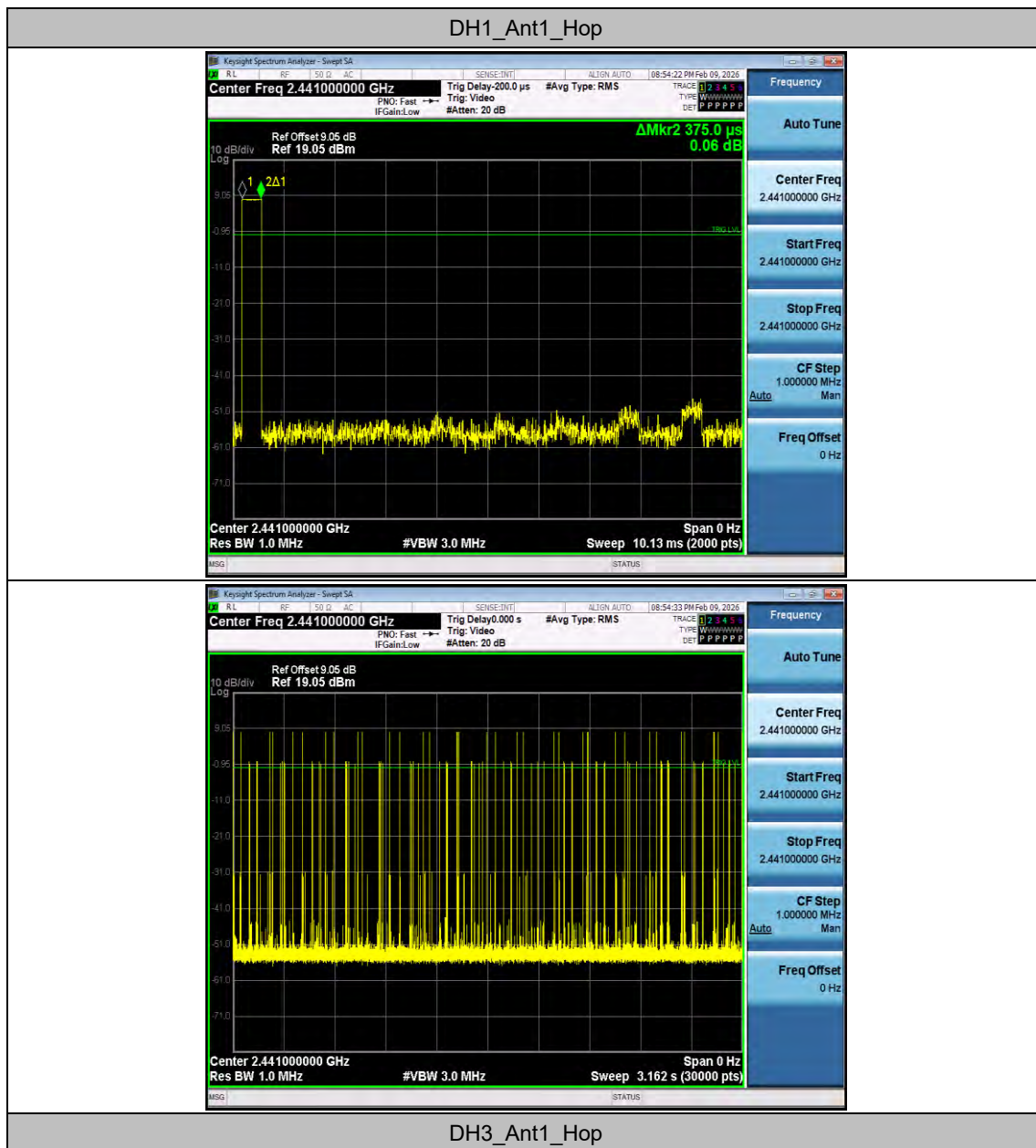


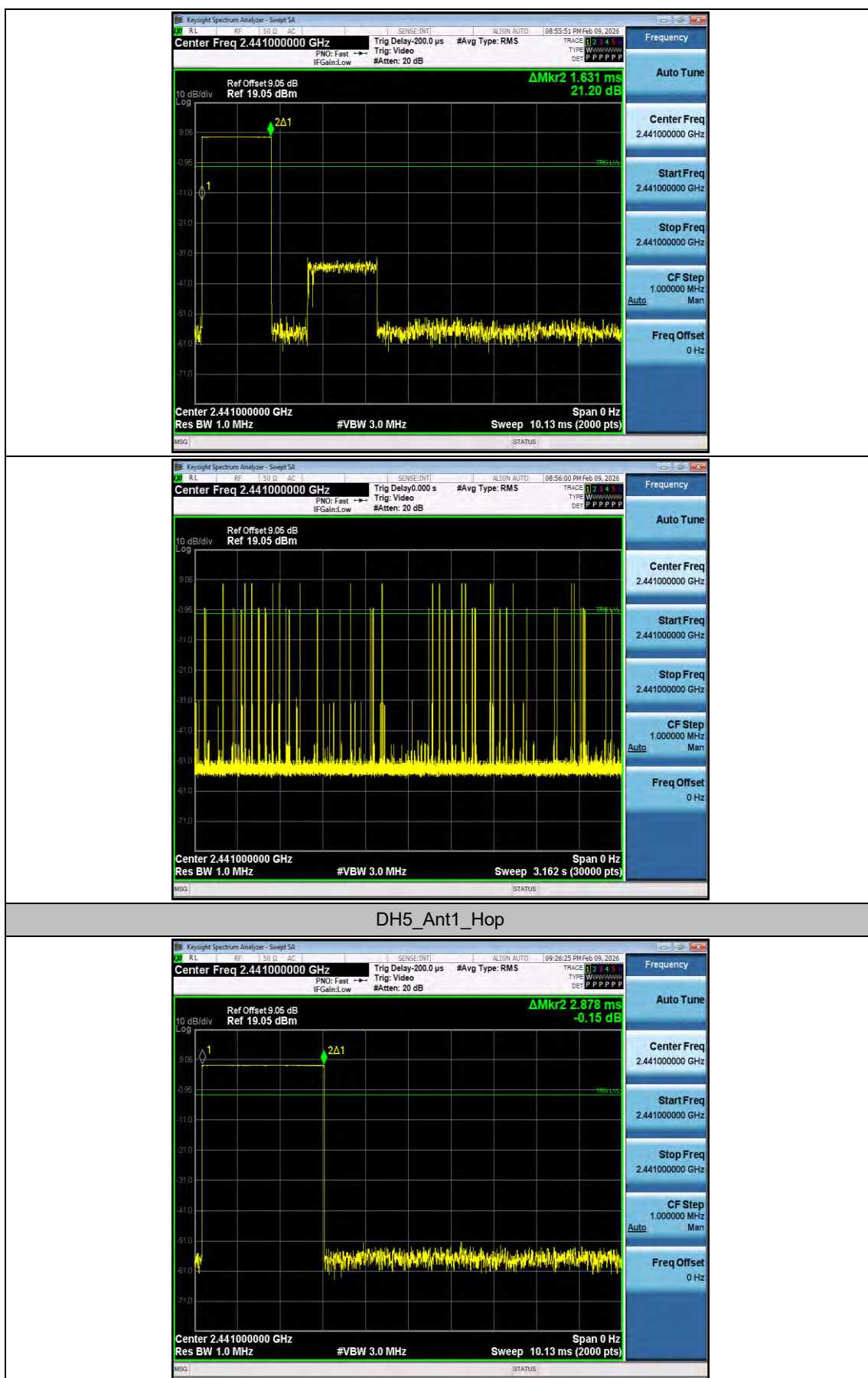
AppendixA.5: Time of occupancy

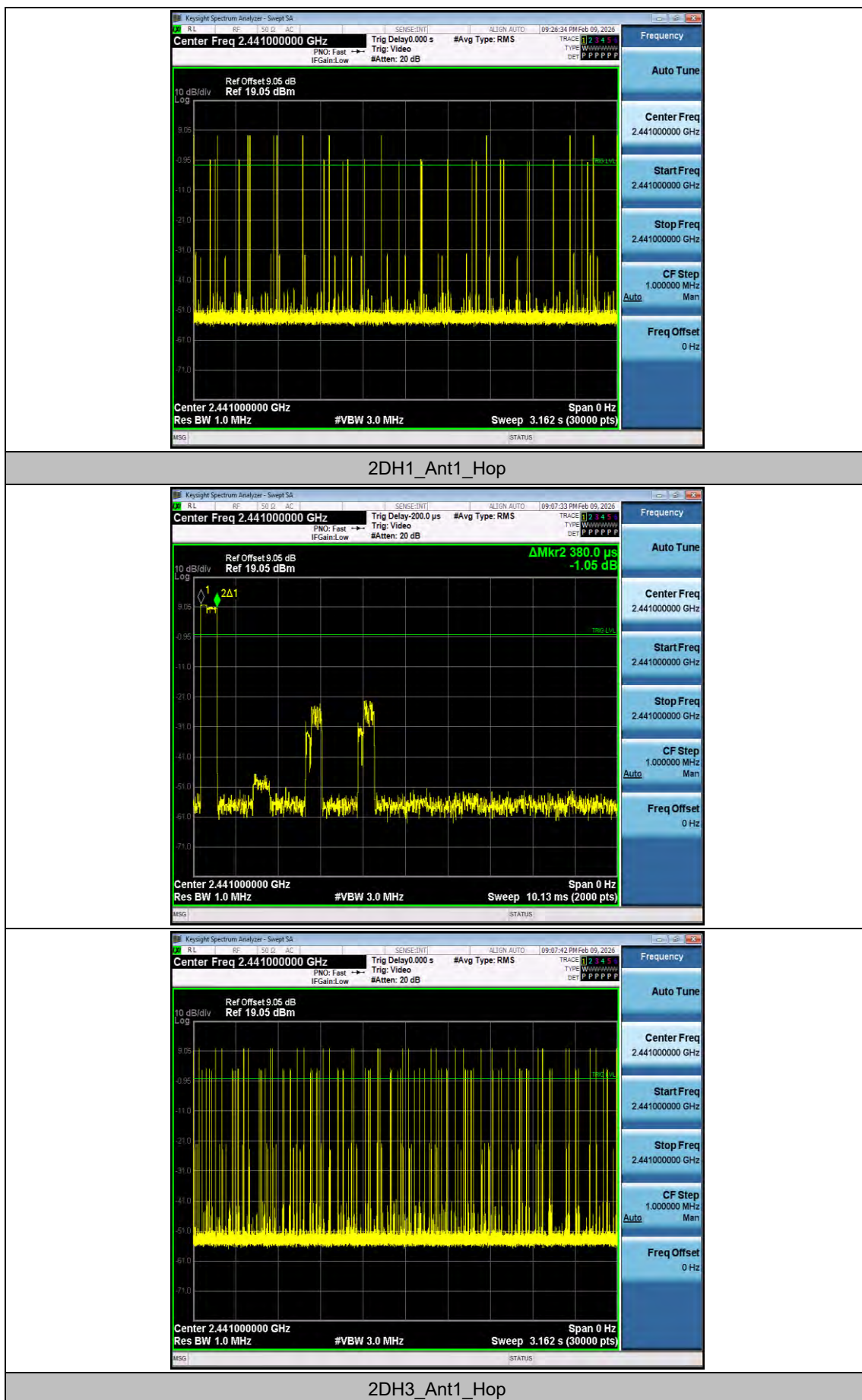
Test Result

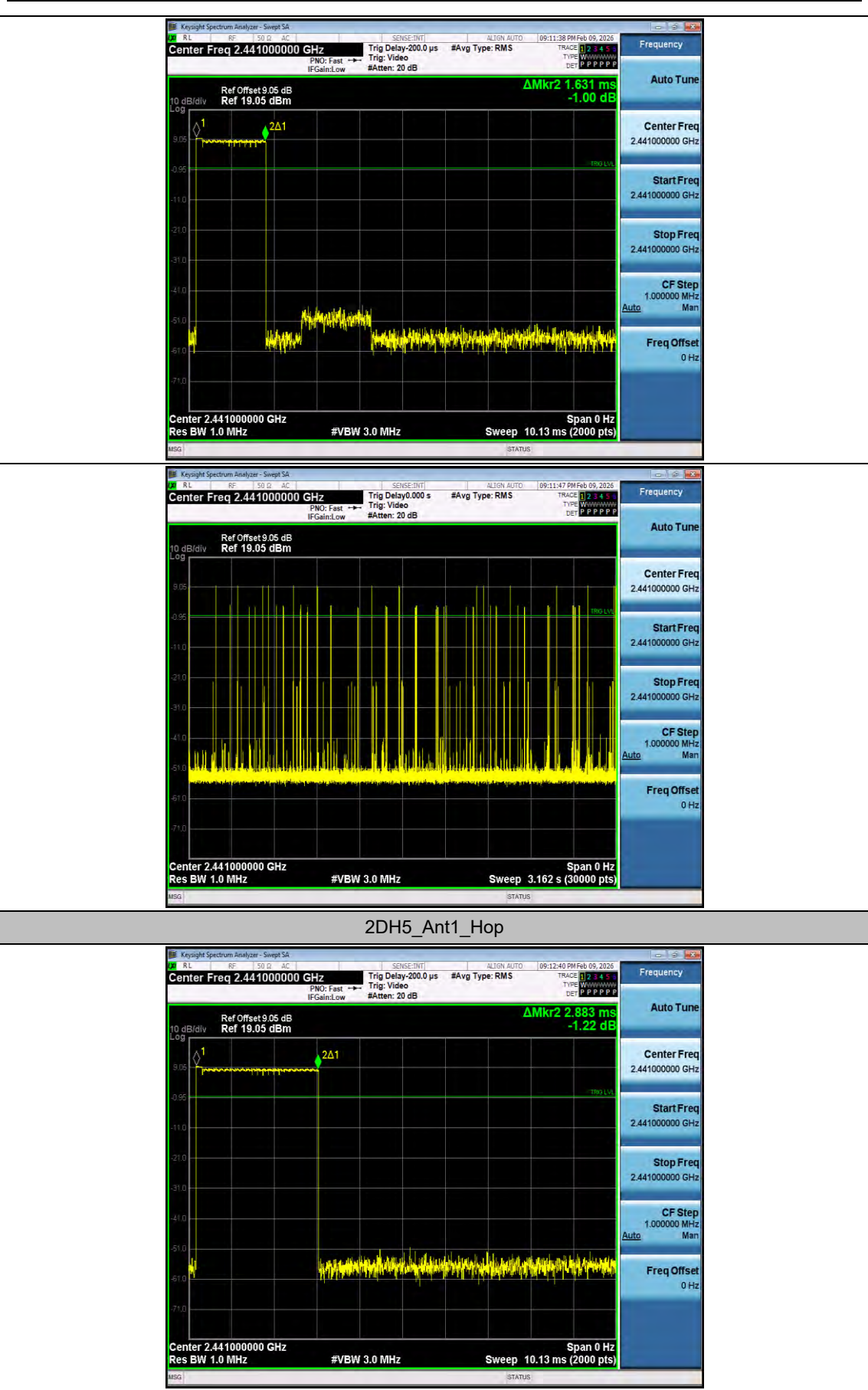
TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.375	330	0.124	≤0.4	PASS
DH3	Ant1	Hop	1.631	180	0.294	≤0.4	PASS
DH5	Ant1	Hop	2.878	130	0.374	≤0.4	PASS
2DH1	Ant1	Hop	0.380	330	0.125	≤0.4	PASS
2DH3	Ant1	Hop	1.631	160	0.261	≤0.4	PASS
2DH5	Ant1	Hop	2.883	110	0.317	≤0.4	PASS
3DH1	Ant1	Hop	0.385	320	0.123	≤0.4	PASS
3DH3	Ant1	Hop	1.637	150	0.246	≤0.4	PASS
3DH5	Ant1	Hop	2.888	120	0.347	≤0.4	PASS

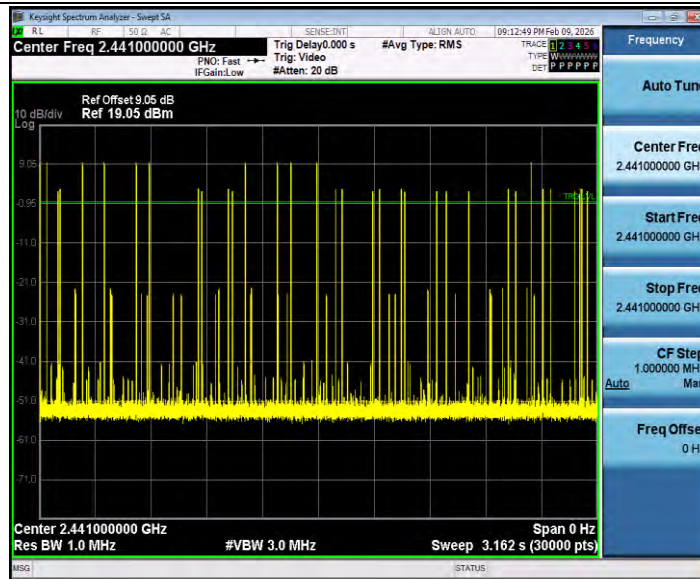
Test Graphs



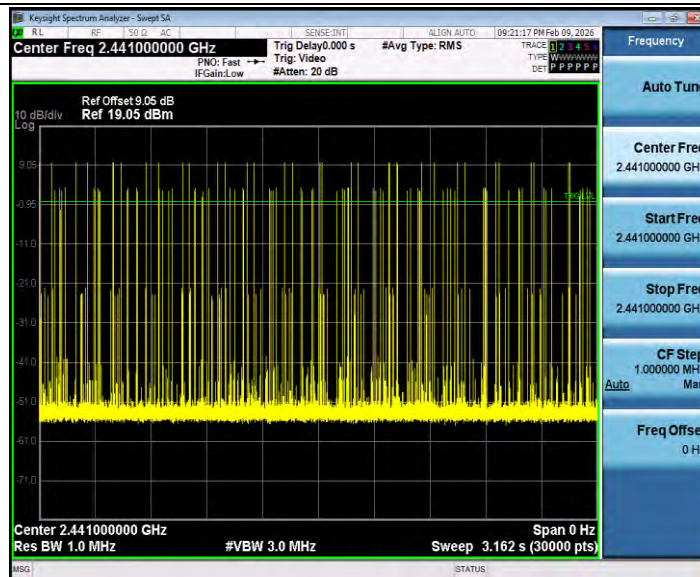
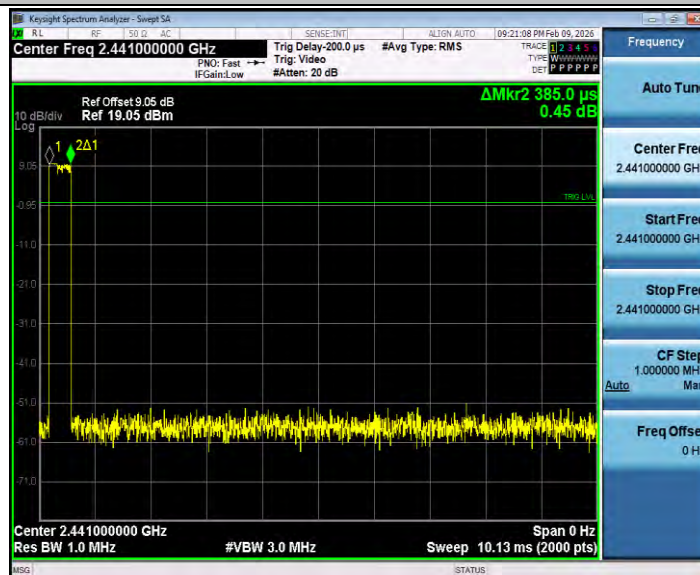




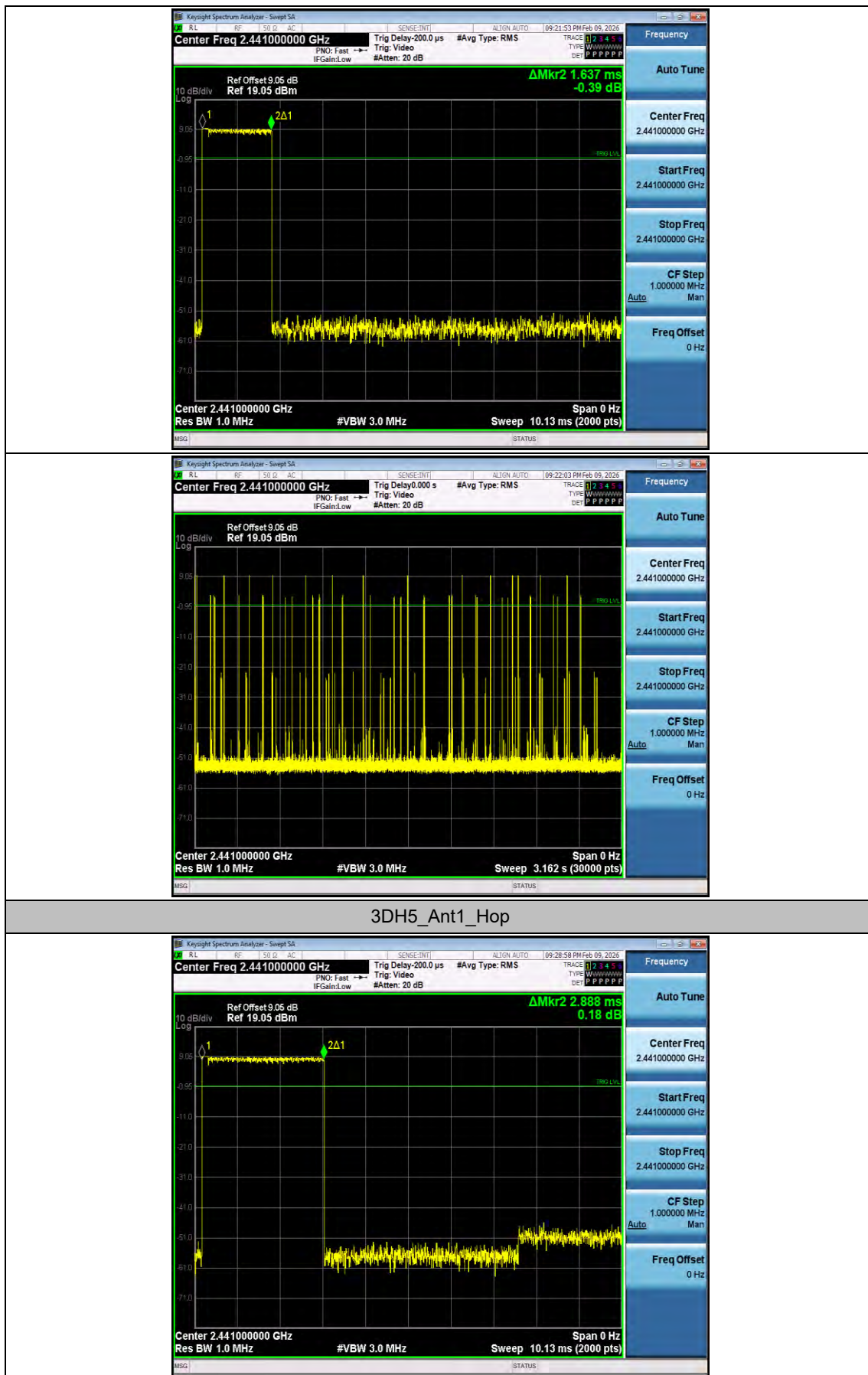




3DH1_Ant1_Hop



3DH3_Ant1_Hop



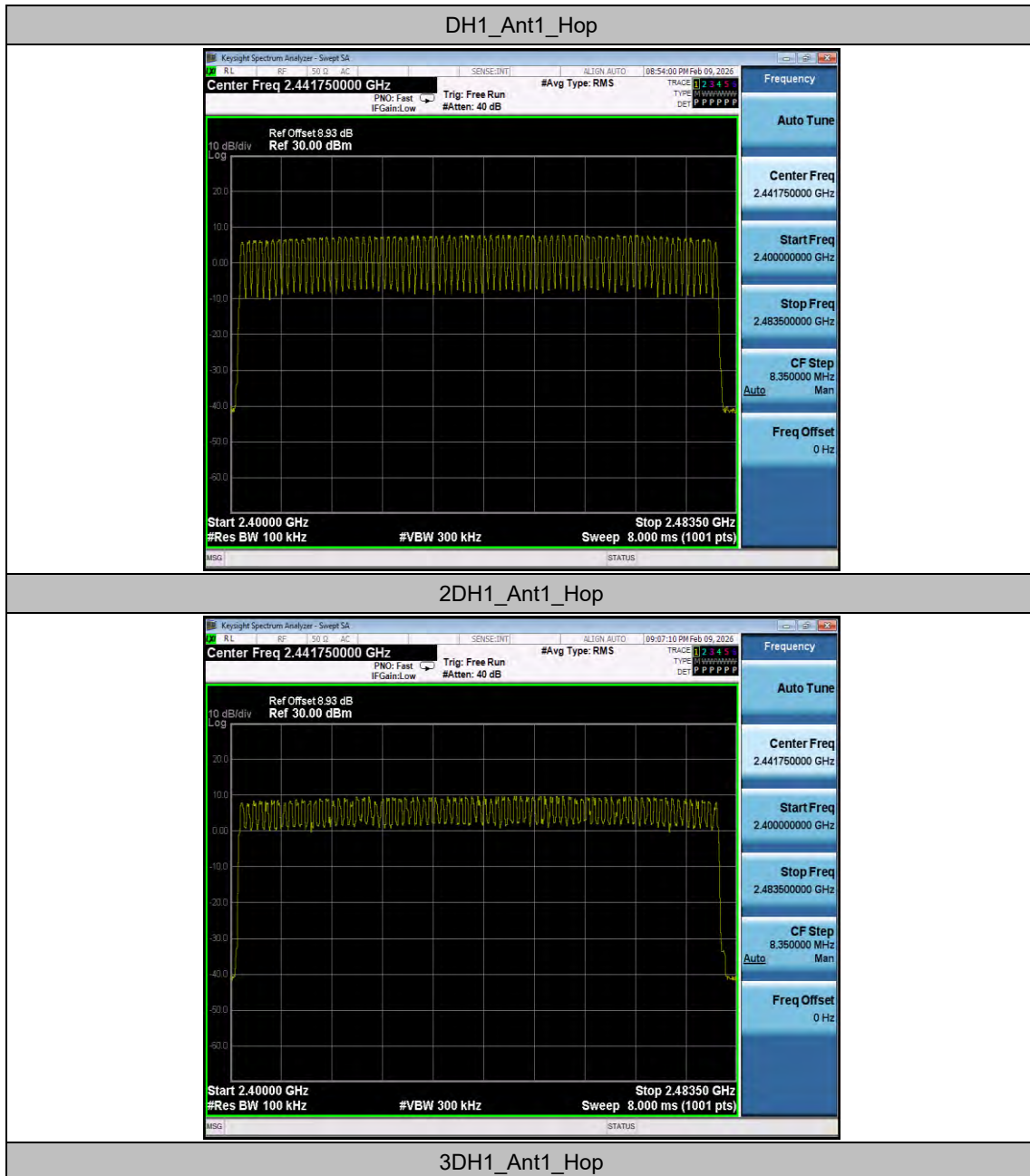


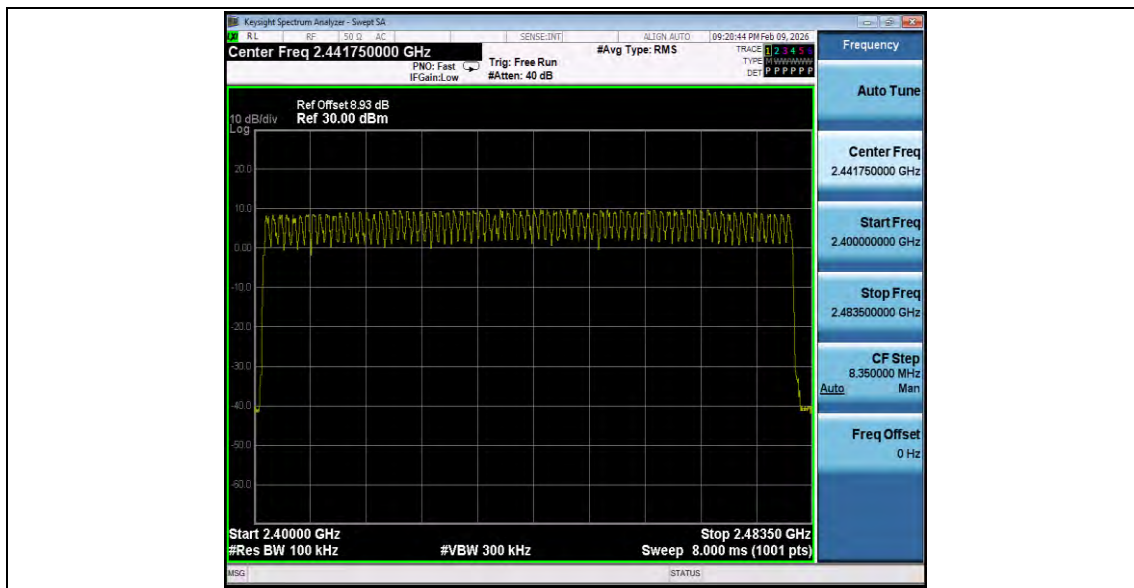
AppendixA.6: Number of hopping channels

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





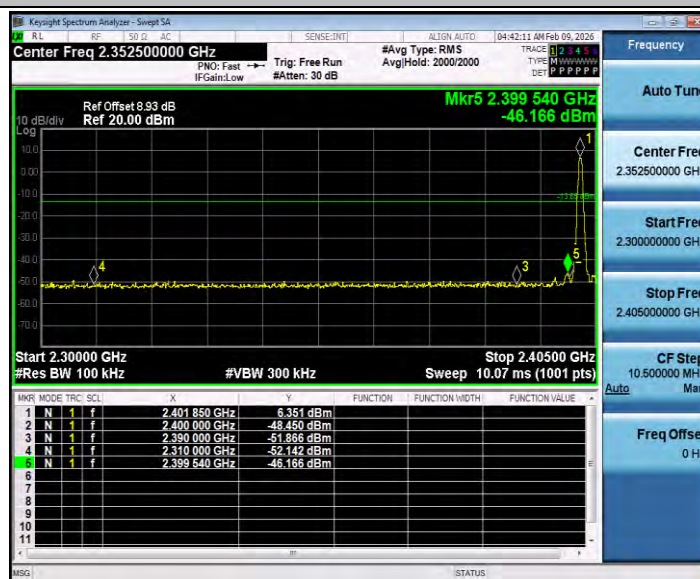
Appendix A.7: Band edge measurements

Test Result

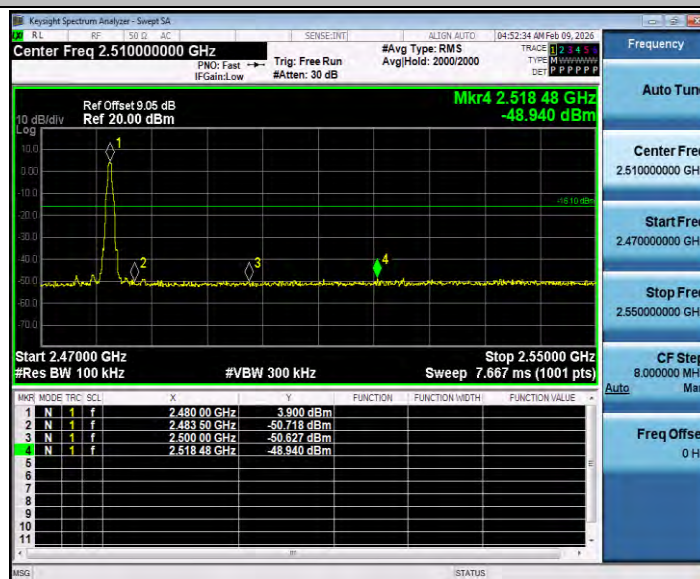
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	Low	2402	6.35	-46.17	≤ -13.65	PASS
		High	2480	3.90	-48.94	≤ -16.1	PASS
		Low	Hop_2402	5.64	-48.81	≤ -14.36	PASS
		High	Hop_2480	6.60	-49.04	≤ -13.4	PASS
2DH1	Ant1	Low	2402	2.67	-47.97	≤ -17.33	PASS
		High	2480	3.50	-49.35	≤ -16.5	PASS
		Low	Hop_2402	8.12	-48.35	≤ -11.88	PASS
		High	Hop_2480	7.60	-48.9	≤ -12.4	PASS
3DH1	Ant1	Low	2402	2.23	-48.35	≤ -17.77	PASS
		High	2480	3.50	-48.29	≤ -16.5	PASS
		Low	Hop_2402	8.12	-48.77	≤ -11.88	PASS
		High	Hop_2480	7.38	-49.09	≤ -12.62	PASS

Test Graphs

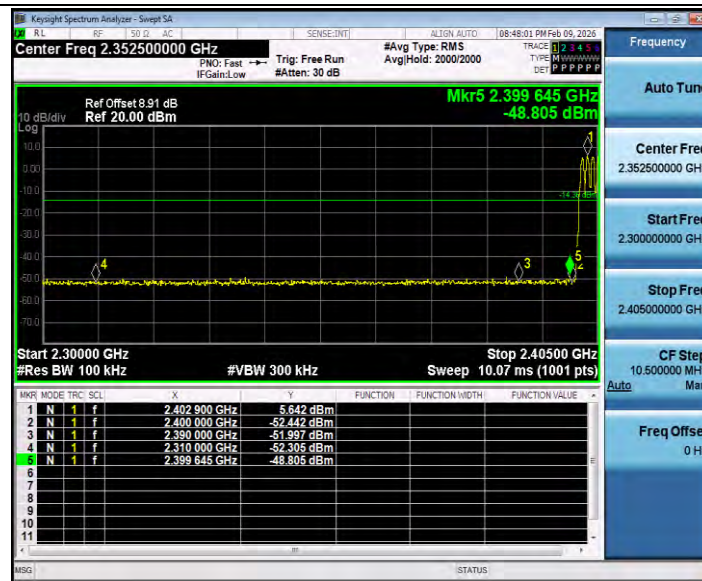
DH1_Ant1_Low_2402



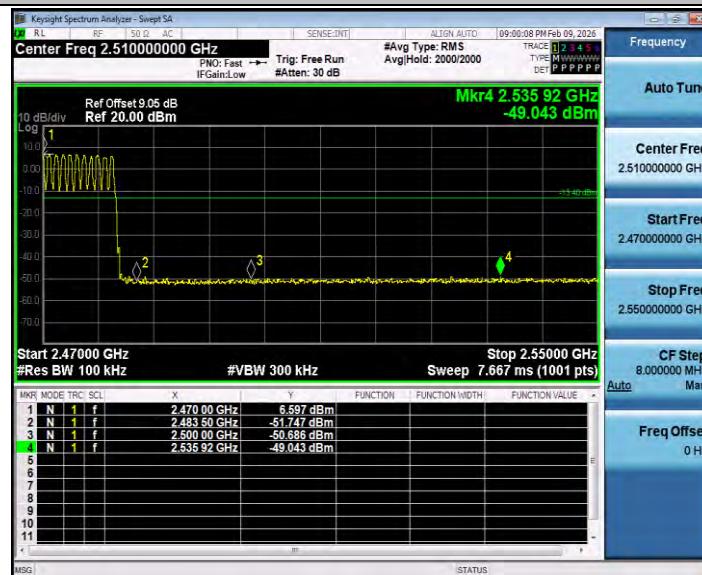
DH1_Ant1_High_2480



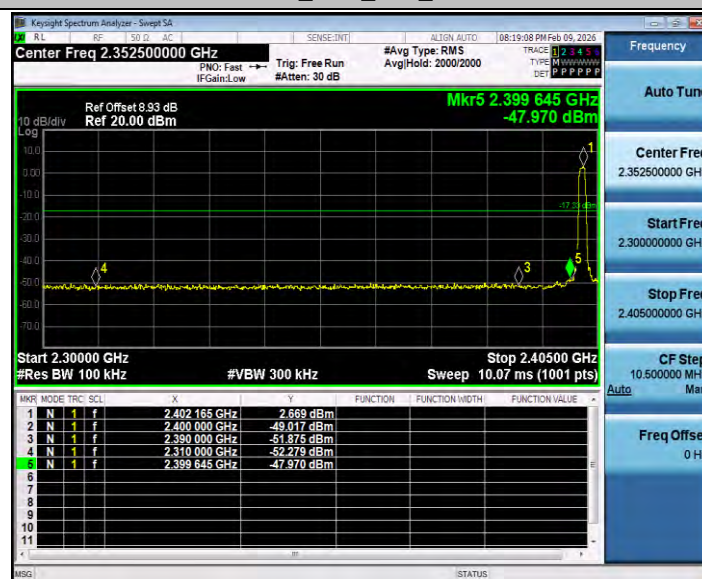
DH1_Ant1_Low_Hop_2402



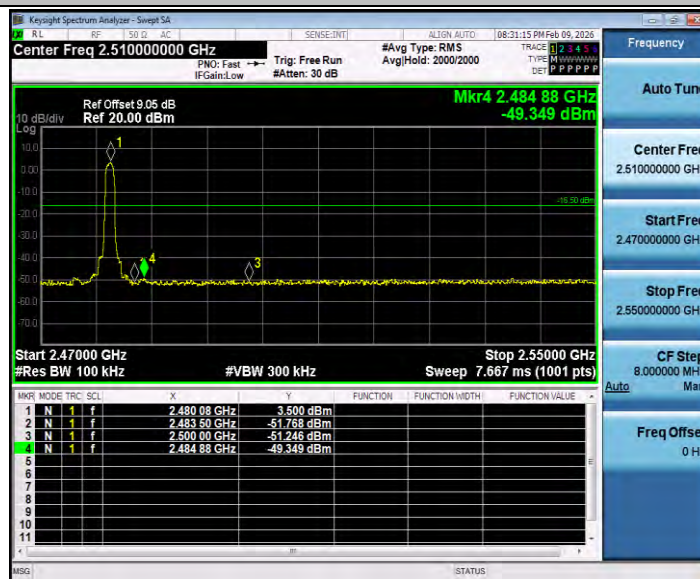
DH1_Ant1_High_Hop_2480



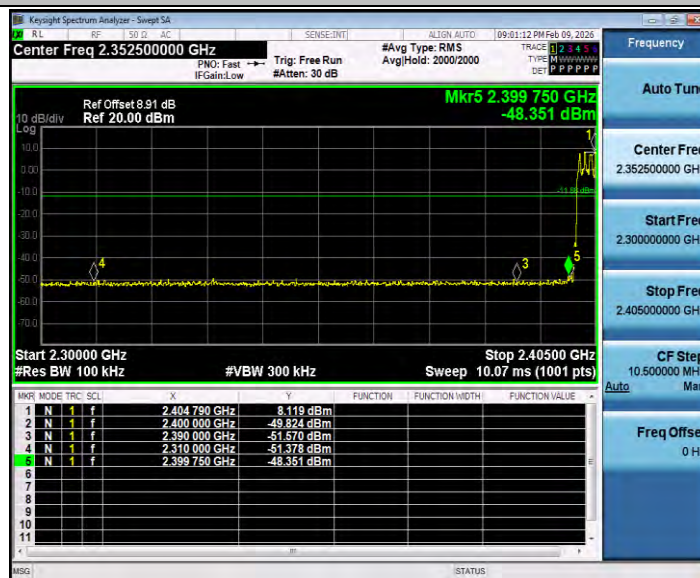
2DH1_Ant1_Low_2402



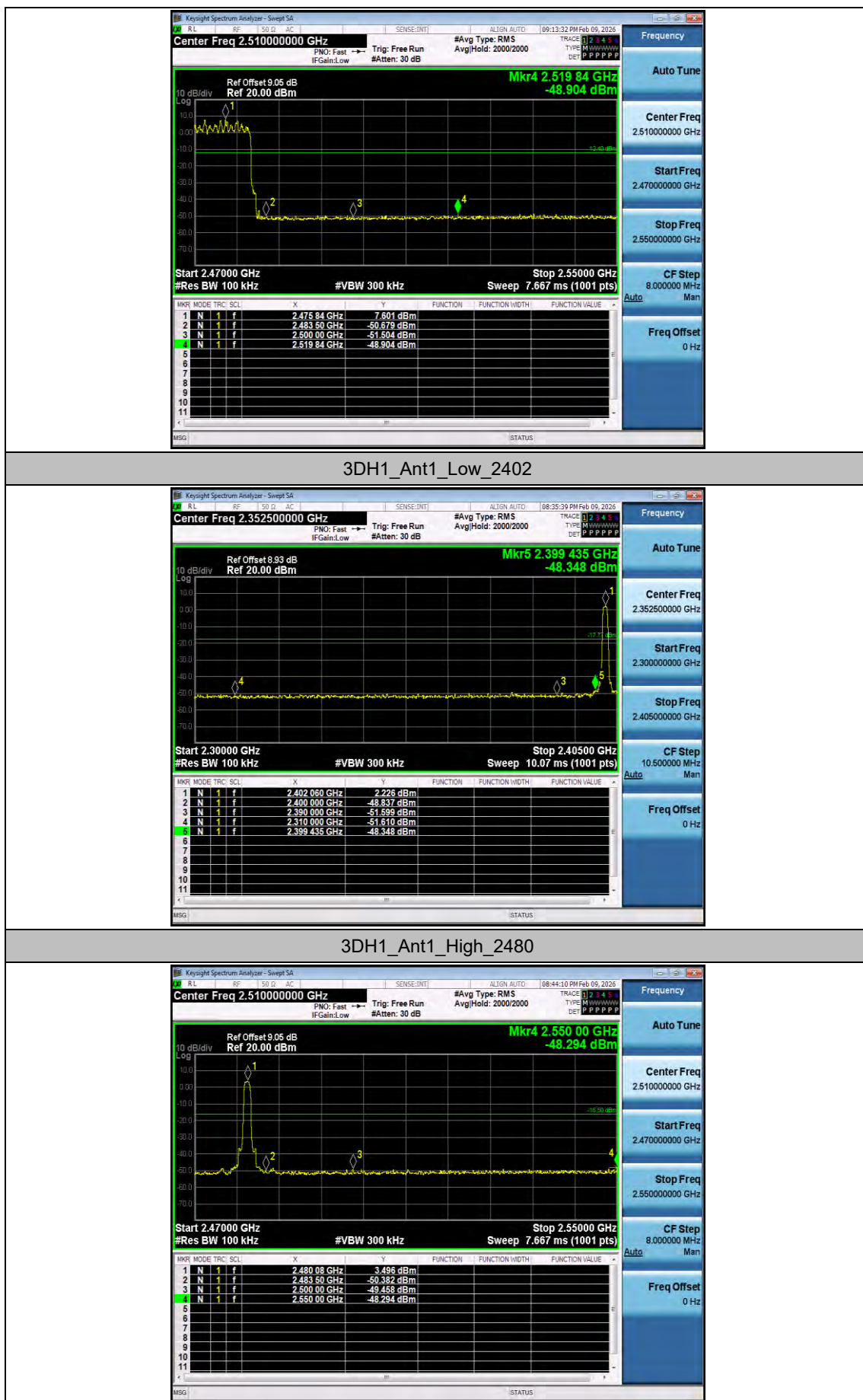
2DH1_Ant1_High_2480



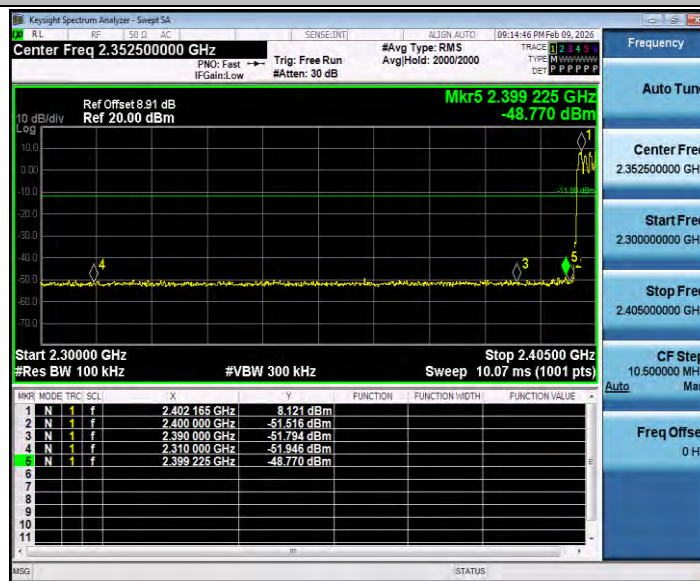
2DH1_Ant1_Low_Hop_2402



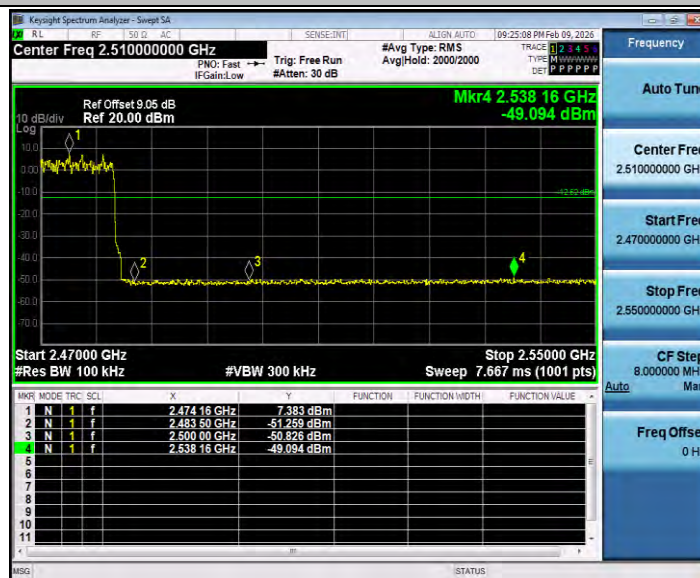
2DH1_Ant1_High_Hop_2480



3DH1_Ant1_Low_Hop_2402



3DH1_Ant1_High_Hop_2480

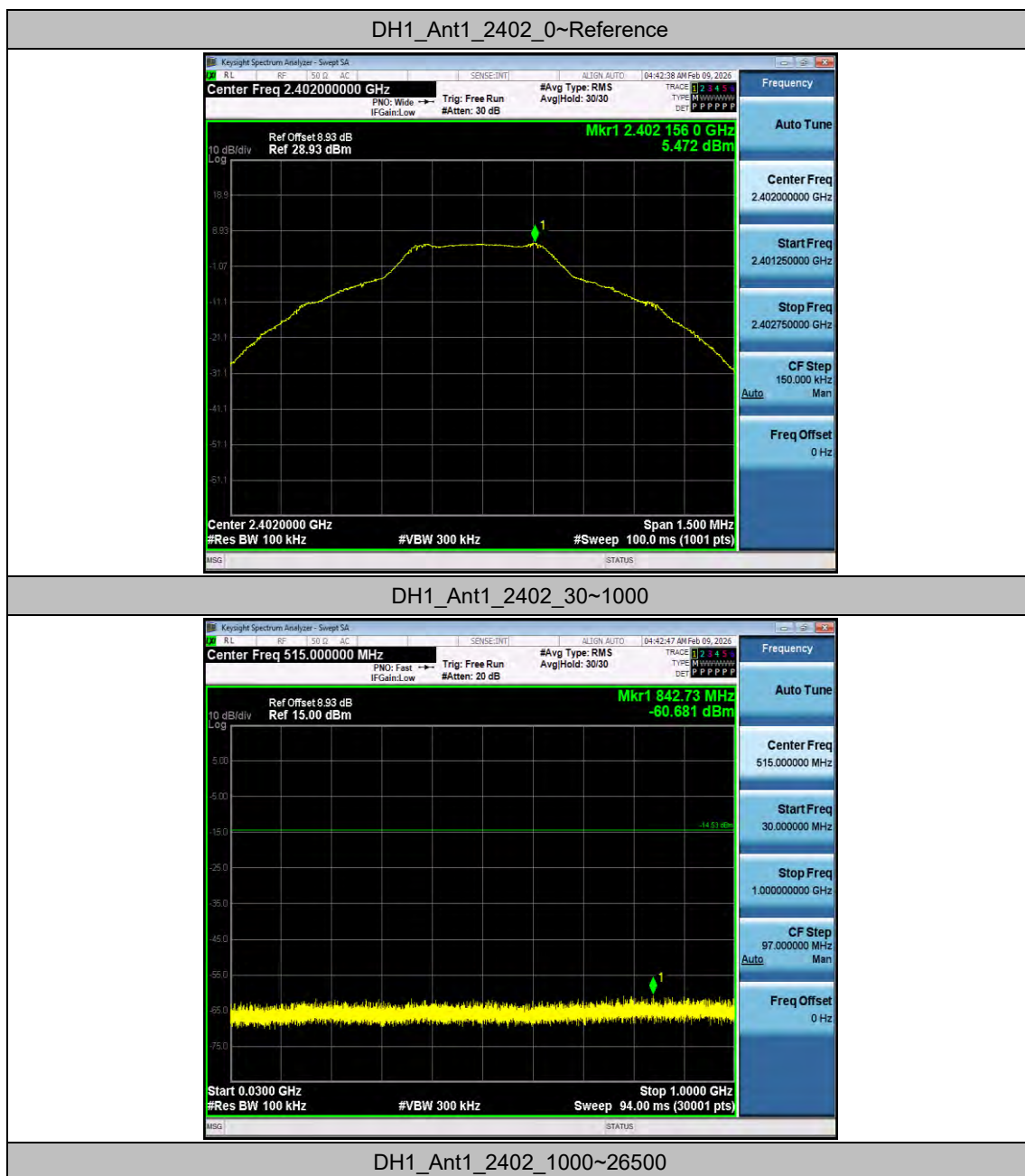


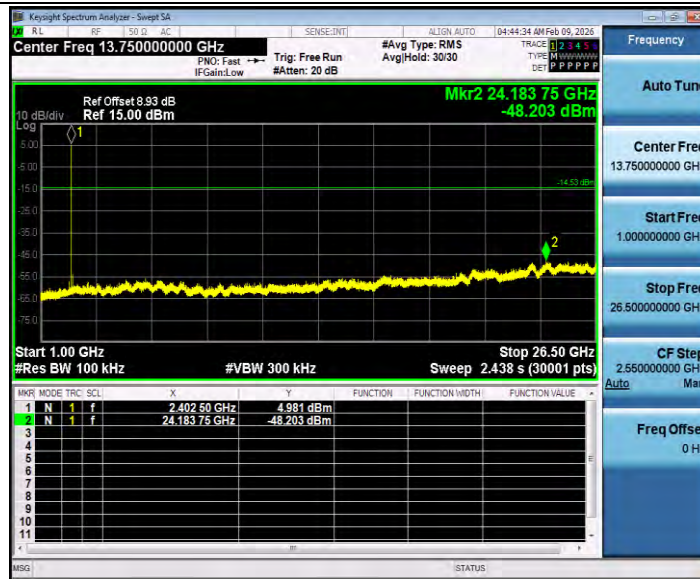
Appendix A.8: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	2402	Reference	5.47	5.47	---	PASS
			30~1000	5.47	-60.68	≤-14.53	PASS
			1000~26500	5.47	-48.2	≤-14.53	PASS
		2441	Reference	4.88	4.88	---	PASS
			30~1000	4.88	-59.06	≤-15.12	PASS
			1000~26500	4.88	-48.15	≤-15.12	PASS
		2480	Reference	3.73	3.73	---	PASS
			30~1000	3.73	-60.54	≤-16.27	PASS
			1000~26500	3.73	-47.83	≤-16.27	PASS
2DH1	Ant1	2402	Reference	2.25	2.25	---	PASS
			30~1000	2.25	-60.62	≤-17.75	PASS
			1000~26500	2.25	-47.92	≤-17.75	PASS
		2441	Reference	4.12	4.12	---	PASS
			30~1000	4.12	-60.35	≤-15.88	PASS
			1000~26500	4.12	-47.81	≤-15.88	PASS
		2480	Reference	2.60	2.60	---	PASS
			30~1000	2.60	-60.38	≤-17.4	PASS
			1000~26500	2.60	-48.56	≤-17.4	PASS
3DH1	Ant1	2402	Reference	1.91	1.91	---	PASS
			30~1000	1.91	-60.69	≤-18.09	PASS
			1000~26500	1.91	-48.44	≤-18.09	PASS
		2441	Reference	4.18	4.18	---	PASS
			30~1000	4.18	-59.73	≤-15.82	PASS
			1000~26500	4.18	-47.89	≤-15.82	PASS
		2480	Reference	3.43	3.43	---	PASS
			30~1000	3.43	-60.07	≤-16.57	PASS
			1000~26500	3.43	-48.31	≤-16.57	PASS

Test Graphs

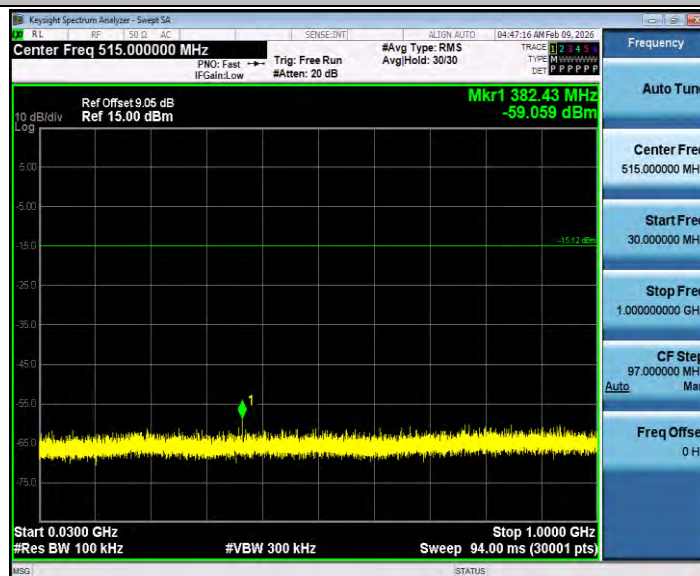




DH1_Ant1_2441_0~Reference



DH1_Ant1_2441_30~1000



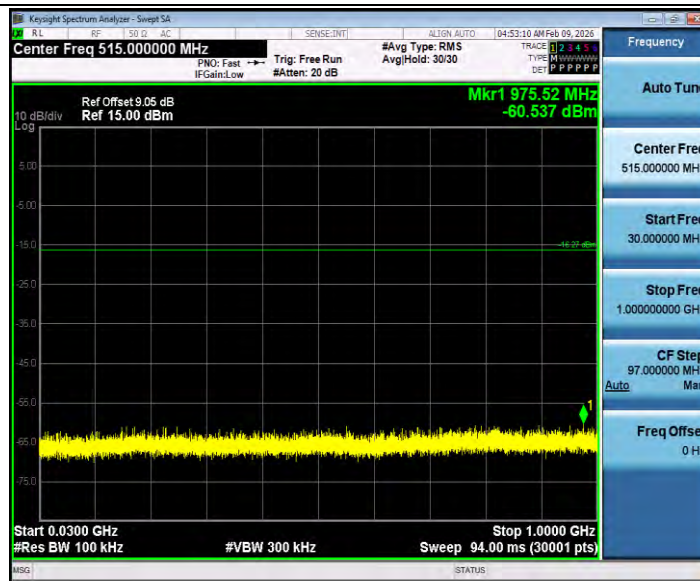
DH1_Ant1_2441_1000~26500



DH1_Ant1_2480_0~Reference



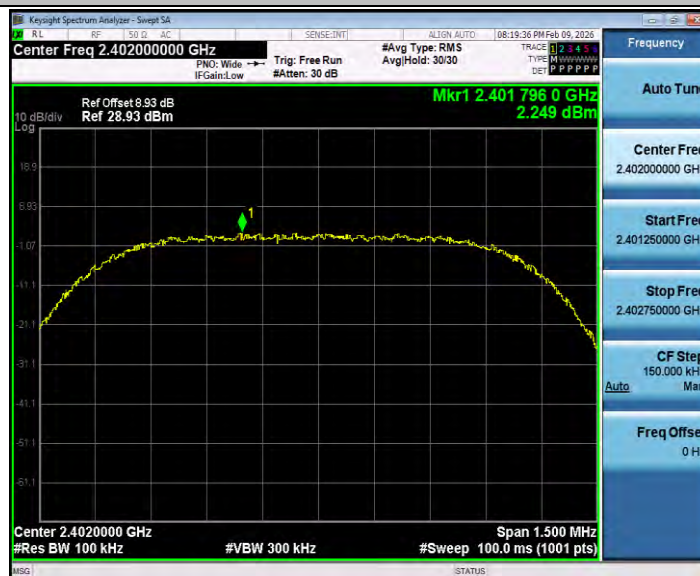
DH1_Ant1_2480_30~1000

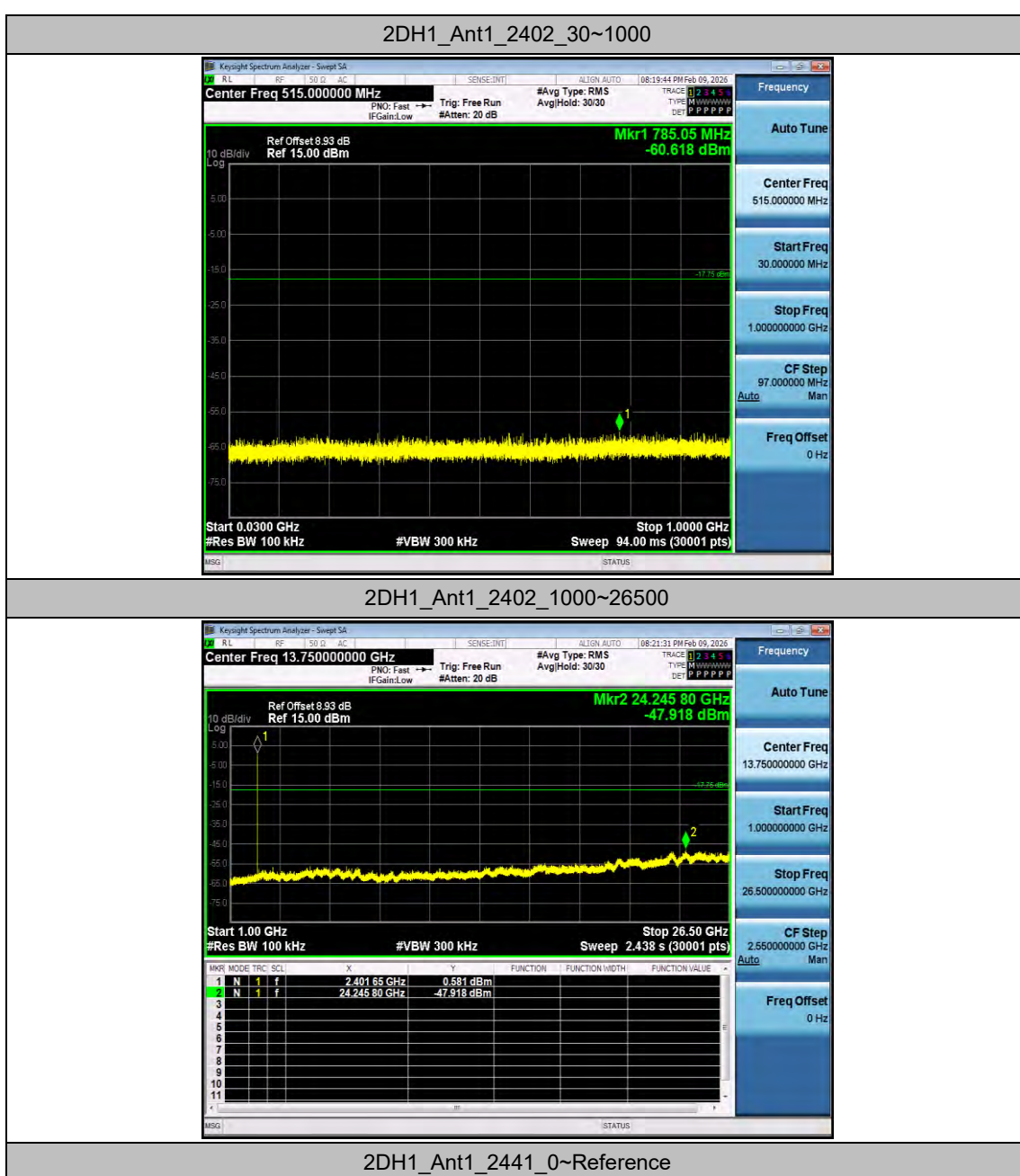


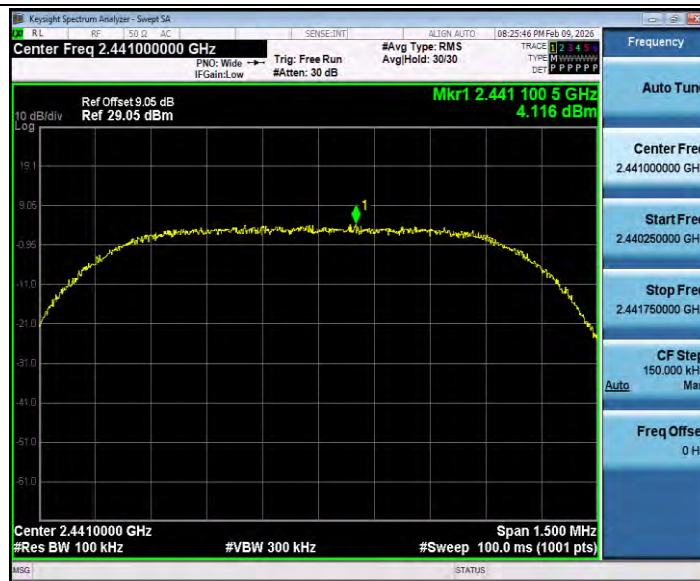
DH1_Ant1_2480_1000~26500



2DH1_Ant1_2402_0~Reference







2DH1_Ant1_2441_30~1000



2DH1_Ant1_2441_1000~26500



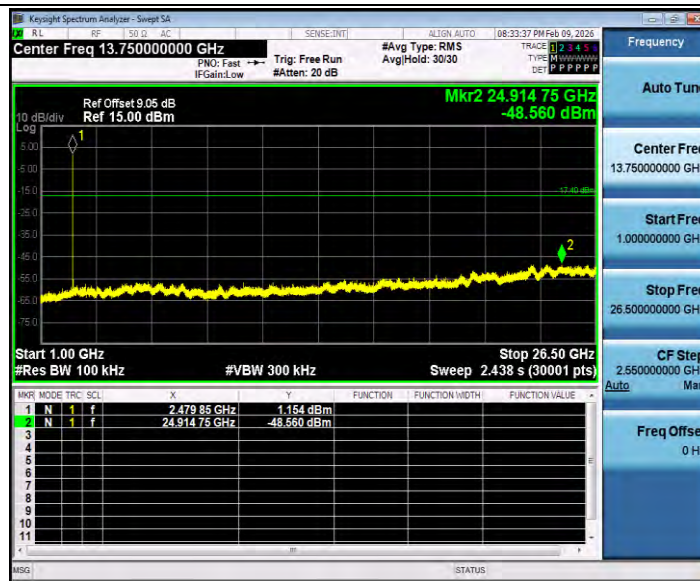
2DH1_Ant1_2480_0~Reference



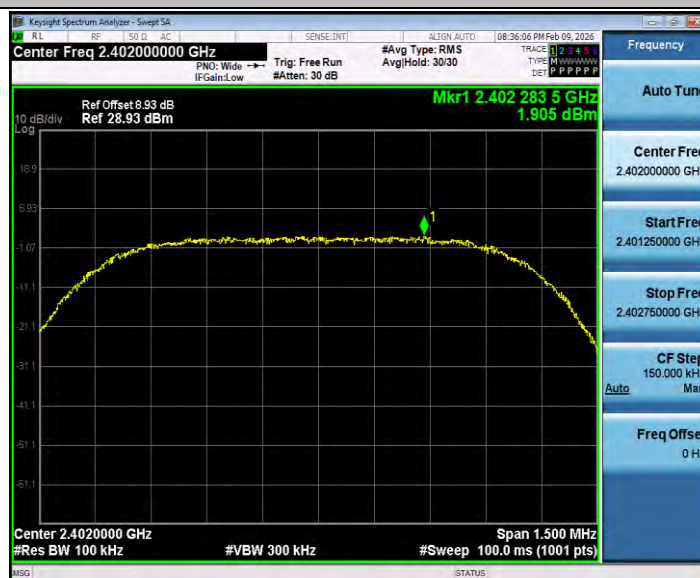
2DH1_Ant1_2480_30~1000



2DH1_Ant1_2480_1000~26500



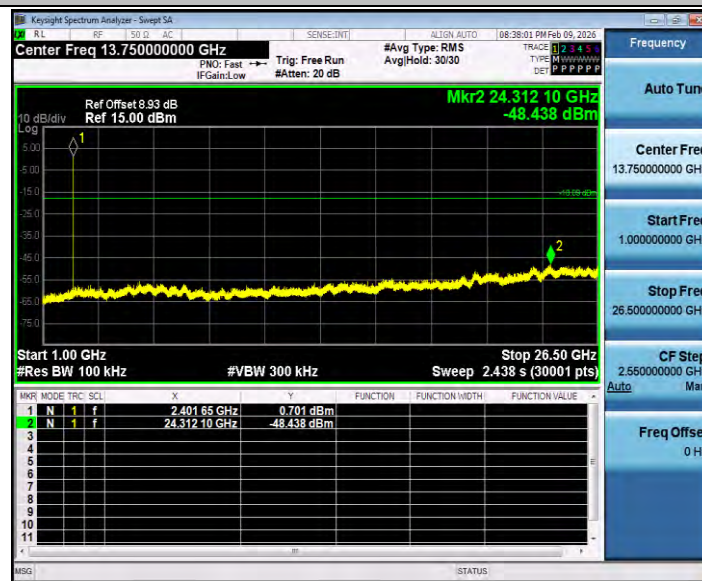
3DH1_Ant1_2402_0~Reference



3DH1_Ant1_2402_30~1000



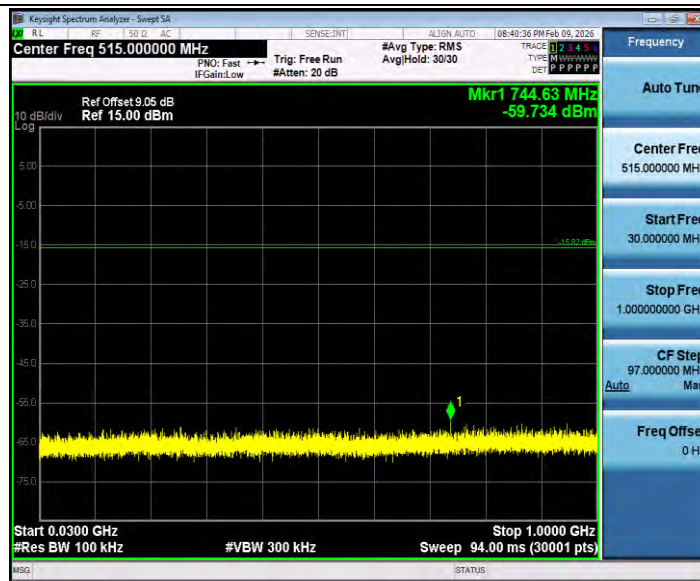
3DH1_Ant1_2402_1000~26500



3DH1_Ant1_2441_0~Reference



3DH1_Ant1_2441_30~1000



3DH1_Ant1_2441_1000~26500



3DH1_Ant1_2480_0~Reference



