

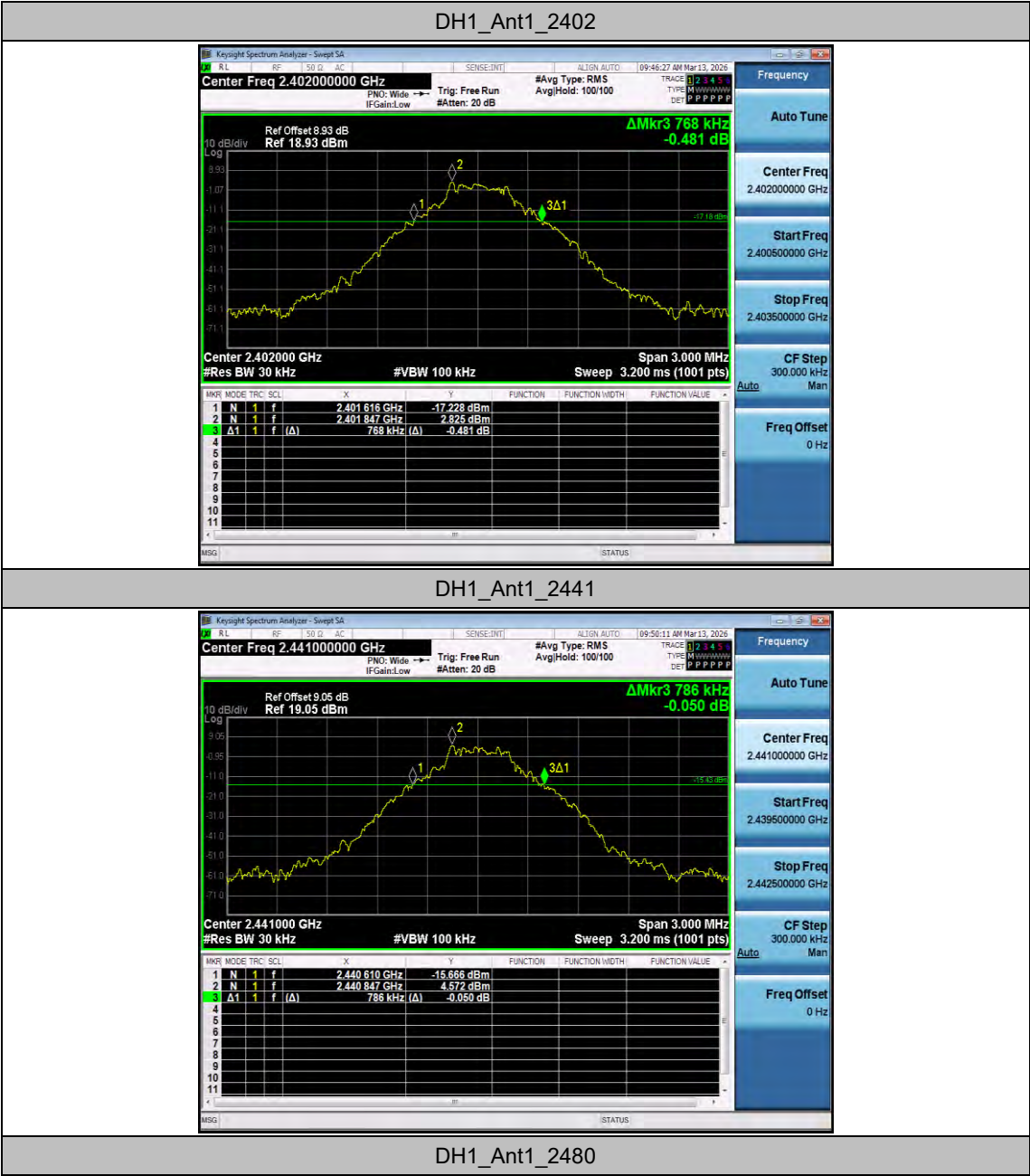
Case No. : <u>GTS20251231004-2-01</u>
Ambient Condition: <u>22</u> °C, <u>49</u> %RH
According Standard: ■Part15C
Test Date: <u>2025.12.18-2026.4.01</u> Test Engineer: <u>Evan ouyang</u>

AppendixA.1: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	0.768	2401.616	2402.384	---	---
		2441	0.786	2440.610	2441.396	---	---
		2480	0.786	2479.613	2480.399	---	---
2DH1	Ant1	2402	1.266	2401.373	2402.639	---	---
		2441	1.302	2440.349	2441.651	---	---
		2480	1.281	2479.370	2480.651	---	---
3DH1	Ant1	2402	1.278	2401.373	2402.651	---	---
		2441	1.281	2440.367	2441.648	---	---
		2480	1.275	2479.376	2480.651	---	---

Test Graphs





2DH1_Ant1_2402



2DH1_Ant1_2441



2DH1_Ant1_2480



3DH1_Ant1_2402



3DH1_Ant1_2441



3DH1_Ant1_2480



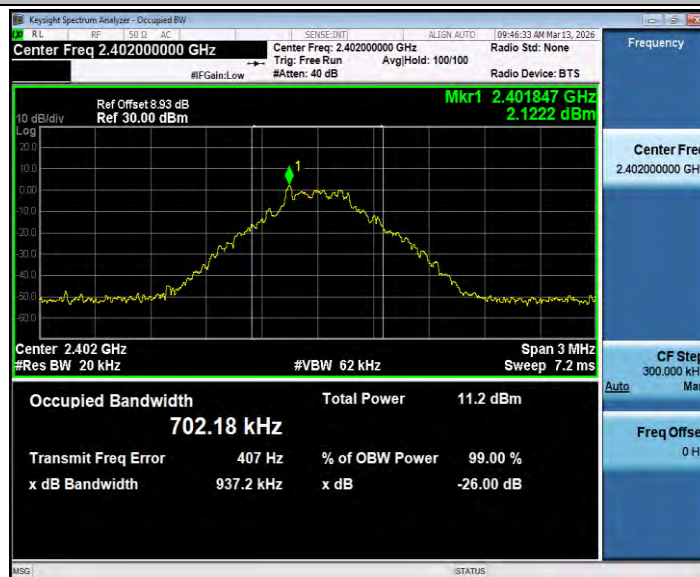
AppendixA.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	0.70218	2401.6493	2402.3515	---	---
		2441	0.70561	2440.6455	2441.3511	---	---
		2480	0.70752	2479.6427	2480.3502	---	---
2DH1	Ant1	2402	1.1676	2401.4190	2402.5866	---	---
		2441	1.1646	2440.4211	2441.5857	---	---
		2480	1.1682	2479.4185	2480.5867	---	---
3DH1	Ant1	2402	1.1584	2401.4432	2402.6016	---	---
		2441	1.1644	2440.4395	2441.6039	---	---
		2480	1.1621	2479.4410	2480.6031	---	---

Test Graphs

DH1_Ant1_2402



DH1_Ant1_2441



DH1_Ant1_2480



2DH1_Ant1_2402



2DH1_Ant1_2441



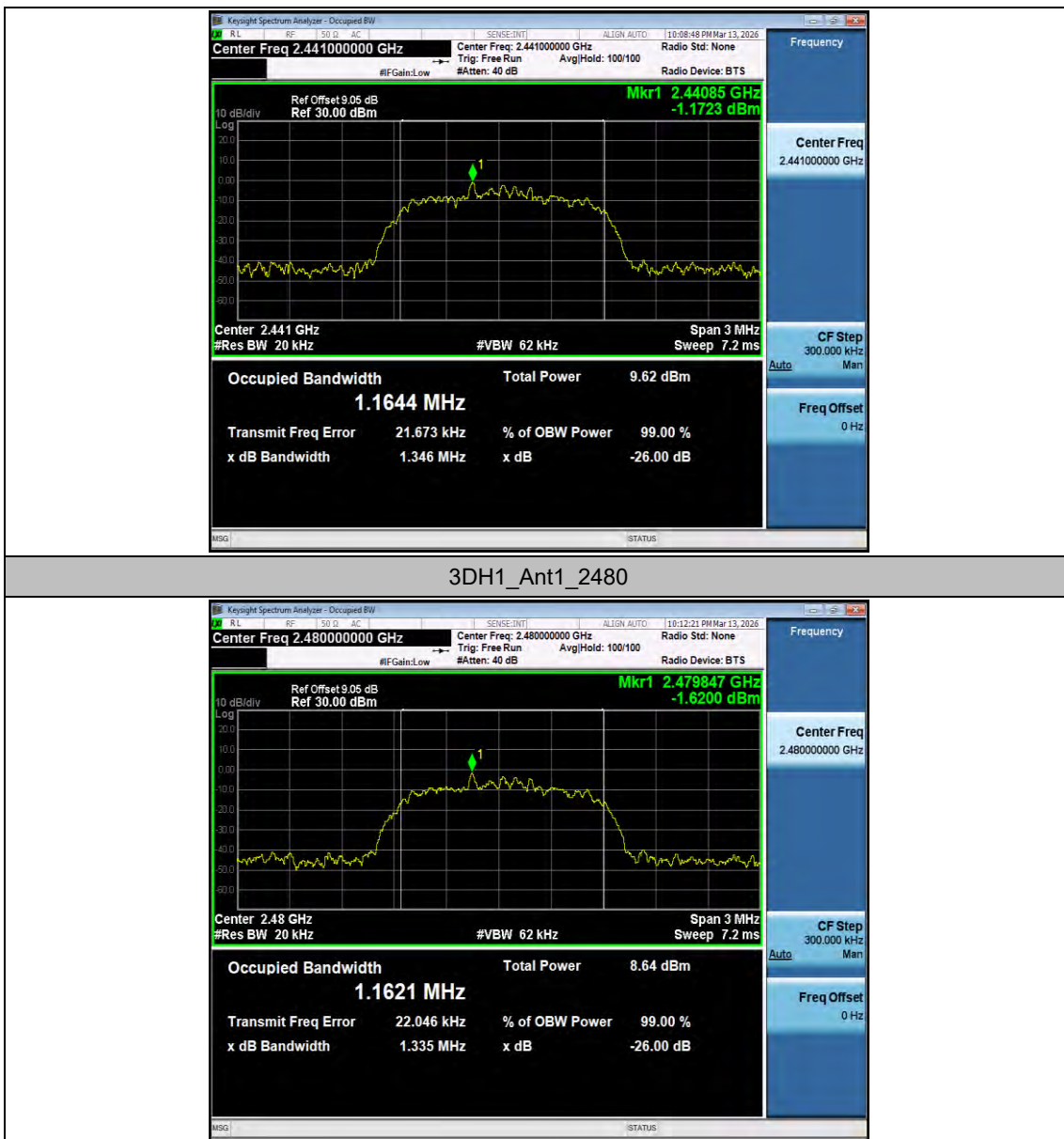
2DH1_Ant1_2480



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	6.28	≤30.00	PASS
		2441	8.04	≤30.00	PASS
		2480	8.00	≤30.00	PASS
2DH1	Ant1	2402	5.45	≤20.97	PASS
		2441	7.37	≤20.97	PASS
		2480	6.35	≤20.97	PASS
3DH1	Ant1	2402	5.18	≤20.97	PASS
		2441	7.02	≤20.97	PASS
		2480	6.00	≤20.97	PASS

AppendixA.4: Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH1	Ant1	Hop_2402	0.856	≥ 0.786	PASS
		Hop_2441	0.998	≥ 0.786	PASS
		Hop_2480	0.994	≥ 0.786	PASS
2DH1	Ant1	Hop_2402	0.984	≥ 0.868	PASS
		Hop_2441	1.006	≥ 0.868	PASS
		Hop_2480	1	≥ 0.868	PASS
3DH1	Ant1	Hop_2402	1	≥ 0.854	PASS
		Hop_2441	0.998	≥ 0.854	PASS
		Hop_2480	0.978	≥ 0.854	PASS

Test Graphs

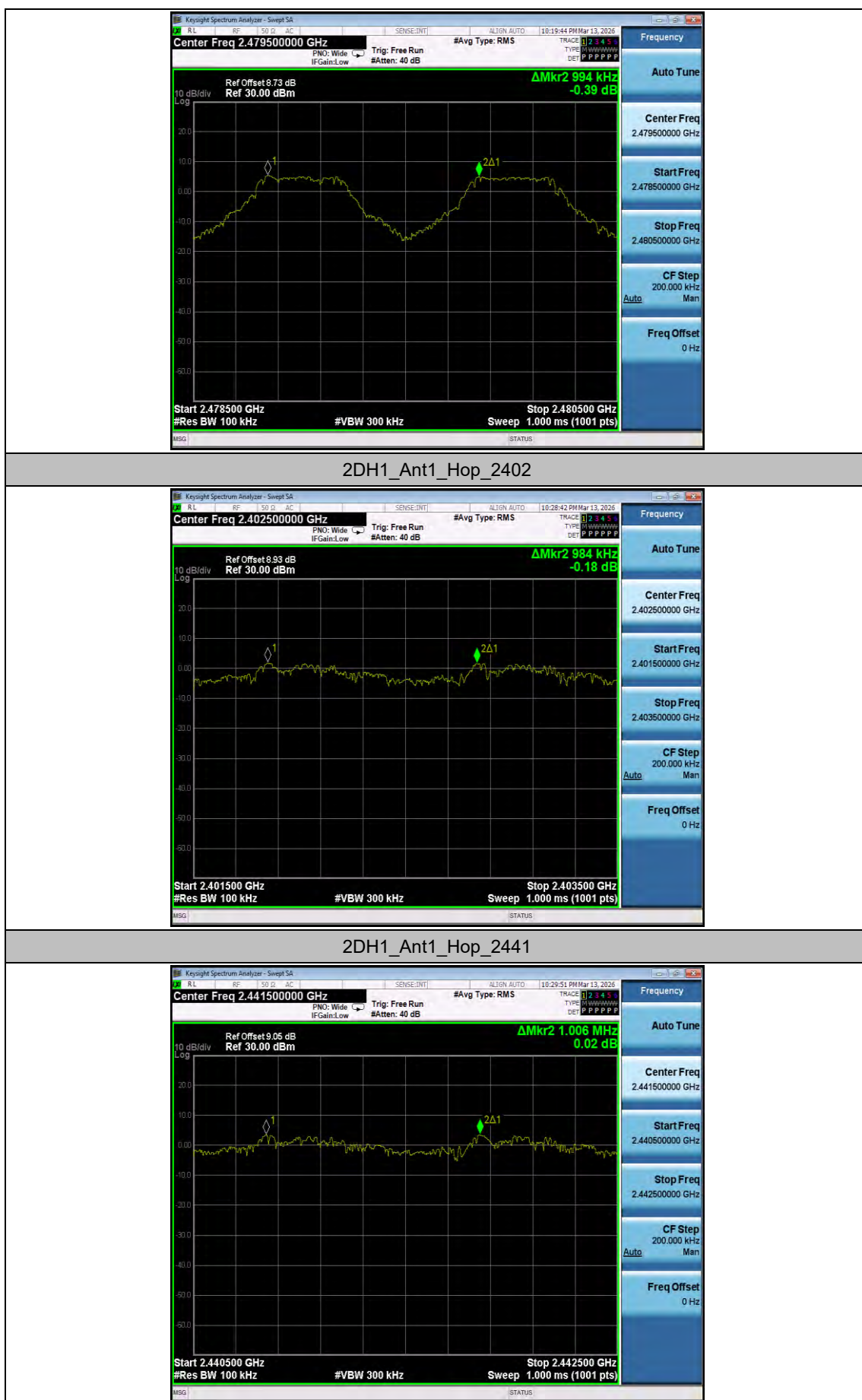
DH1_Ant1_Hop_2402



DH1_Ant1_Hop_2441



DH1_Ant1_Hop_2480



2DH1_Ant1_Hop_2480



3DH1_Ant1_Hop_2402



3DH1_Ant1_Hop_2441

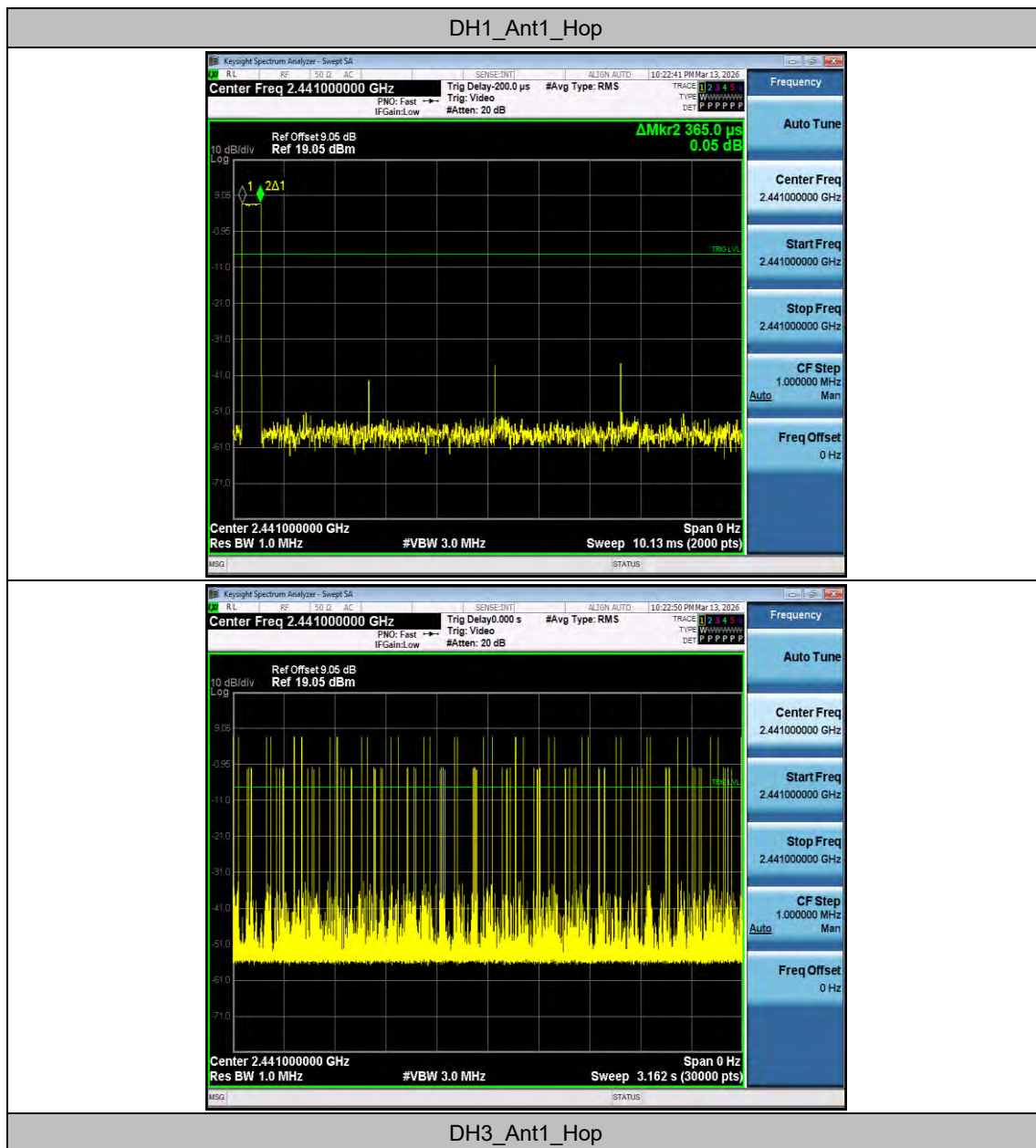


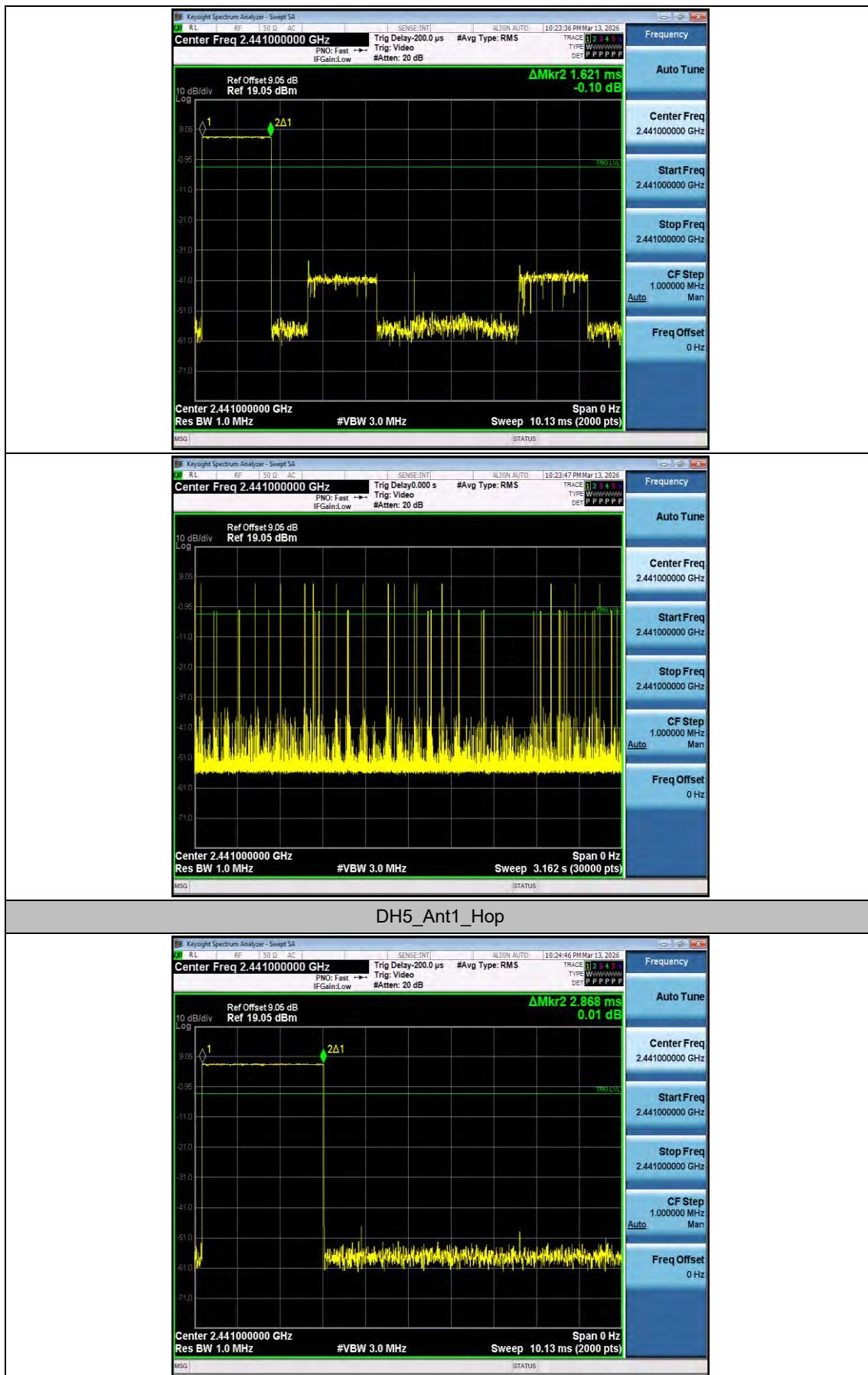
AppendixA.5: Time of occupancy

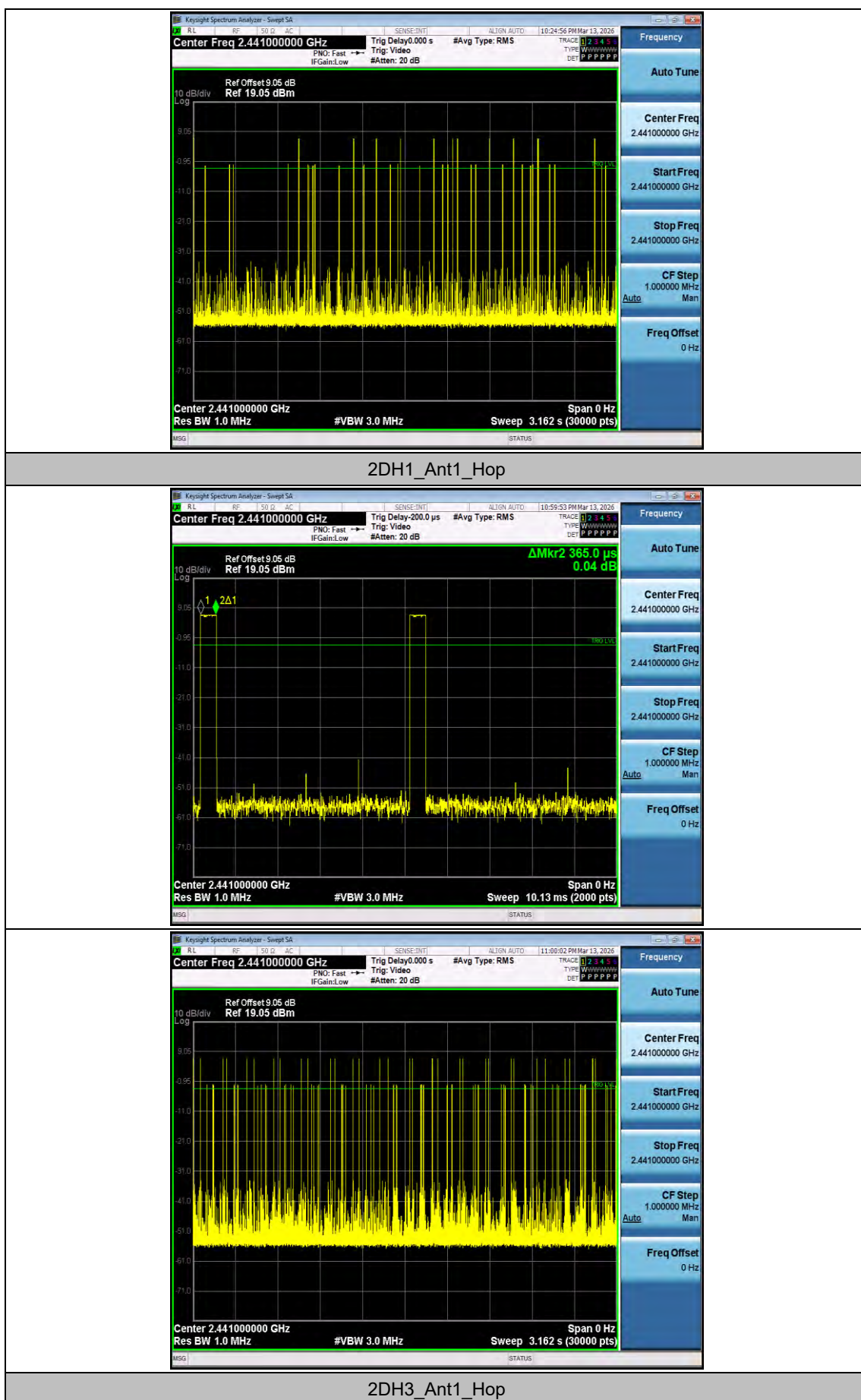
Test Result

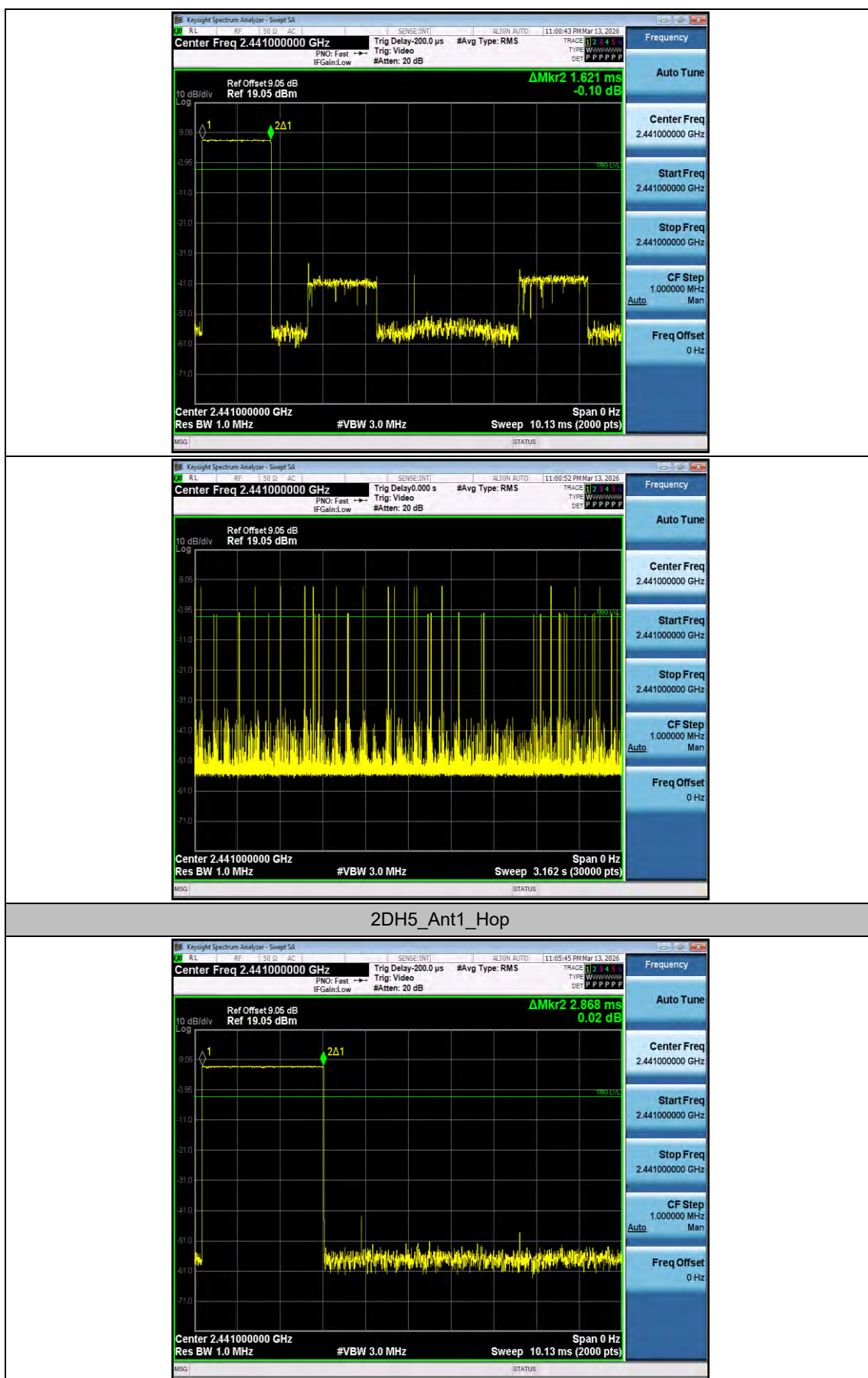
TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.365	330	0.12	≤0.4	PASS
DH3	Ant1	Hop	1.621	160	0.259	≤0.4	PASS
DH5	Ant1	Hop	2.868	130	0.373	≤0.4	PASS
2DH1	Ant1	Hop	0.365	330	0.12	≤0.4	PASS
2DH3	Ant1	Hop	1.621	160	0.259	≤0.4	PASS
2DH5	Ant1	Hop	2.868	110	0.315	≤0.4	PASS
3DH1	Ant1	Hop	0.370	330	0.122	≤0.4	PASS
3DH3	Ant1	Hop	1.626	190	0.309	≤0.4	PASS
3DH5	Ant1	Hop	2.868	110	0.315	≤0.4	PASS

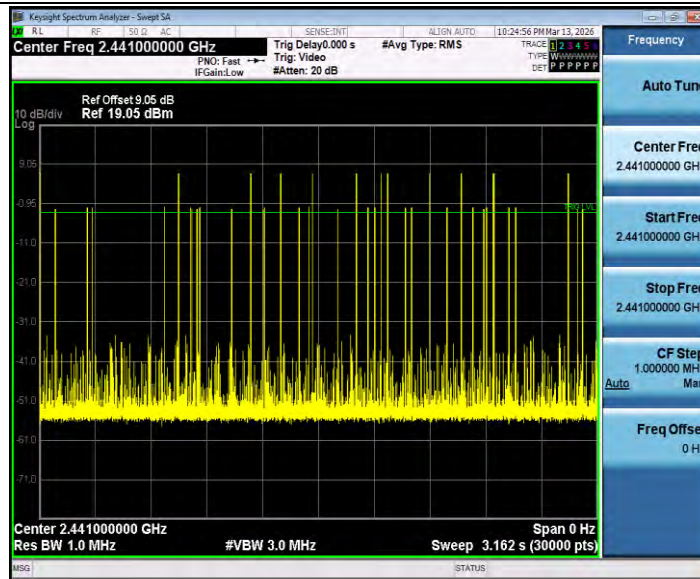
Test Graphs



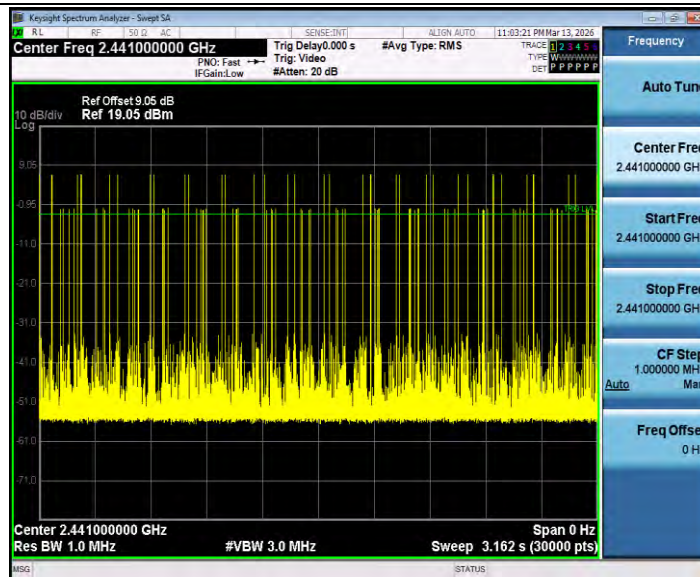
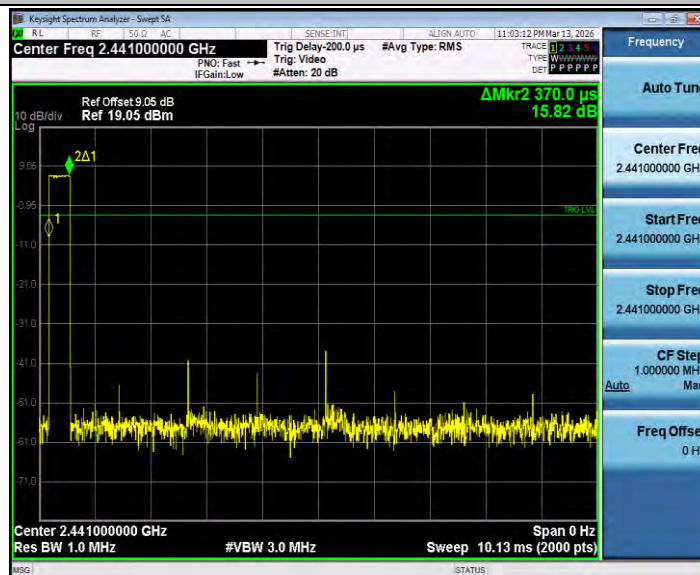




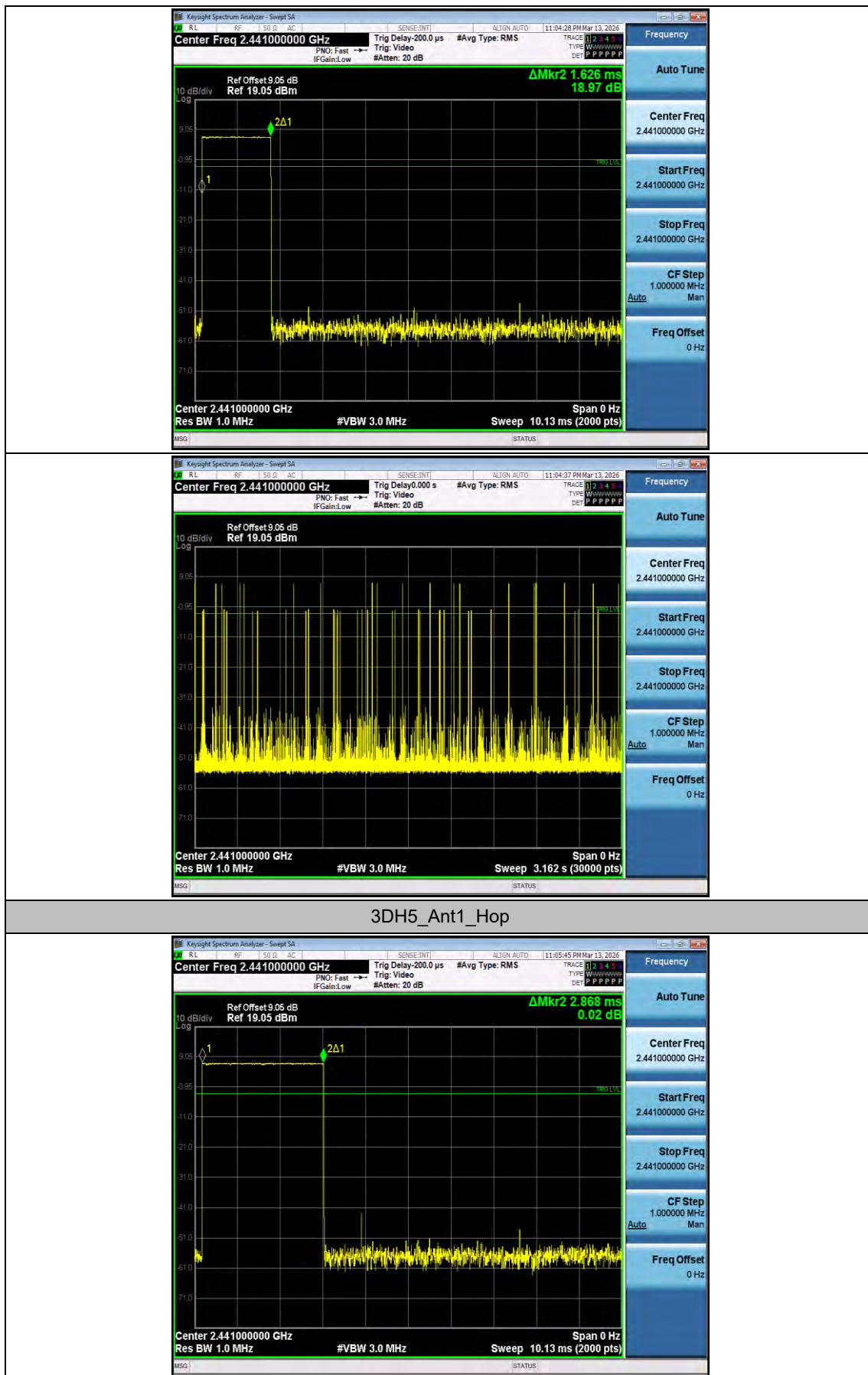


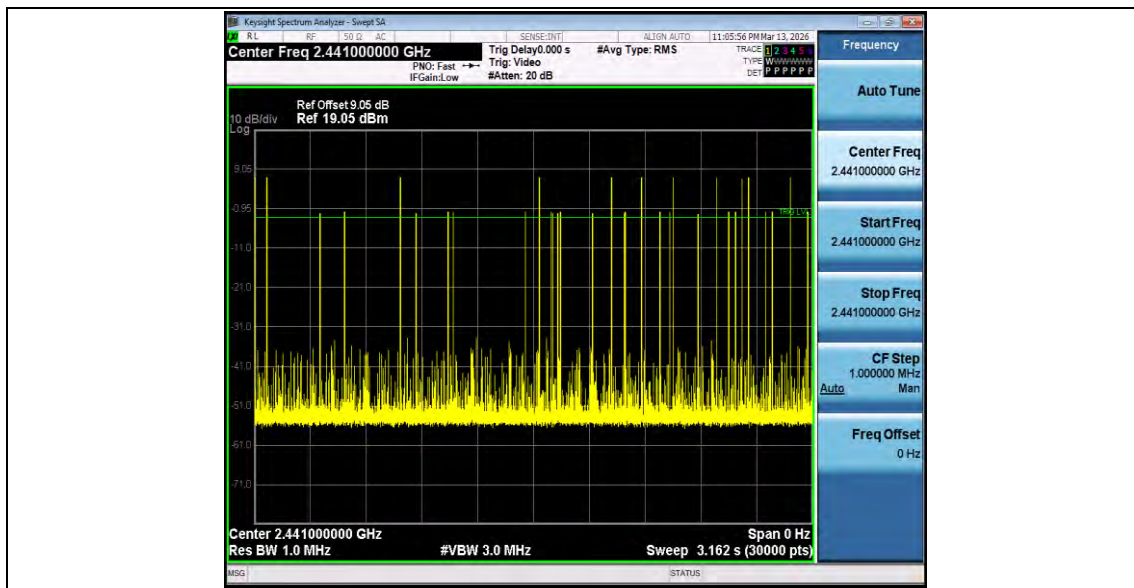


3DH1_Ant1_Hop



3DH3_Ant1_Hop



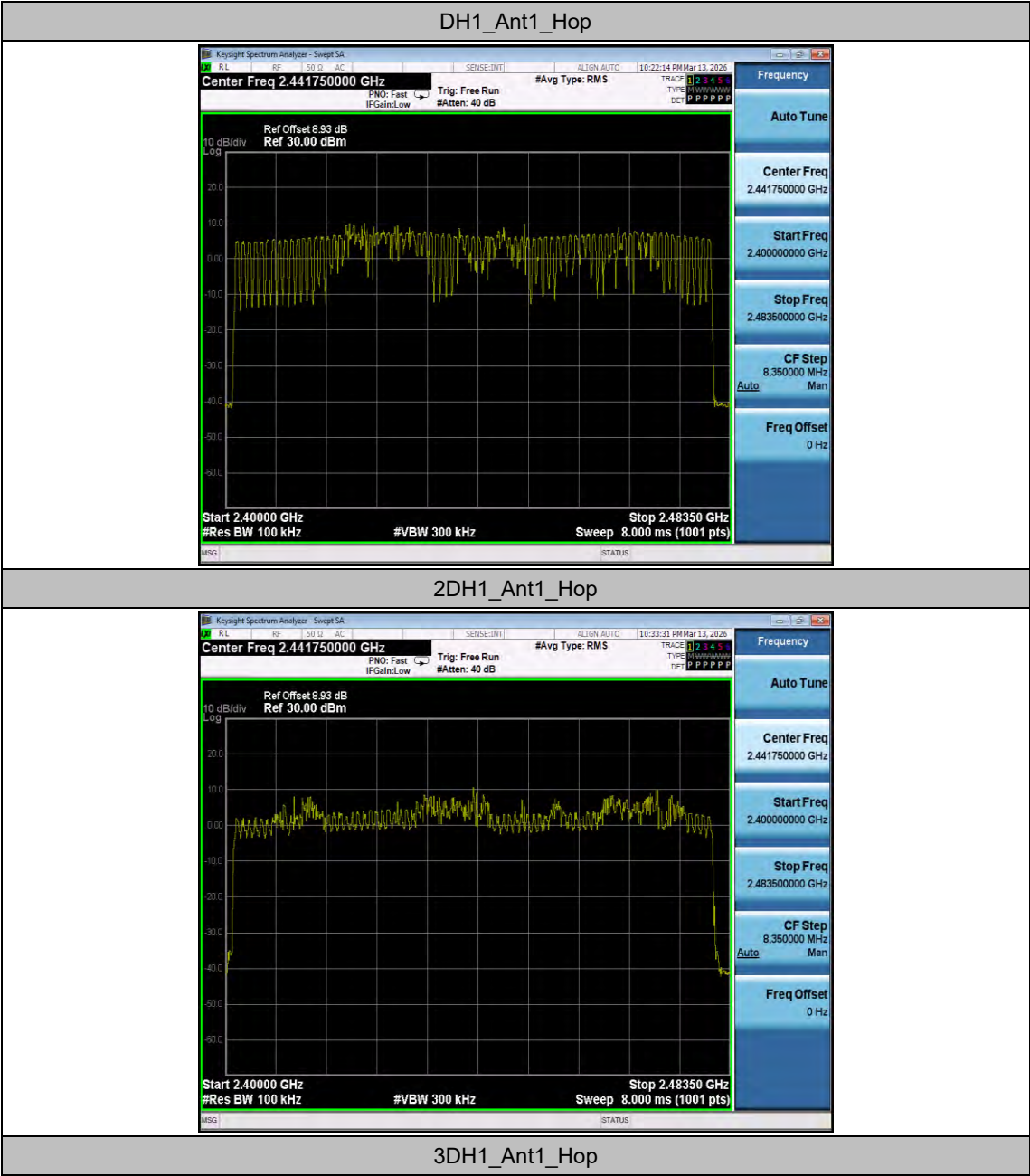


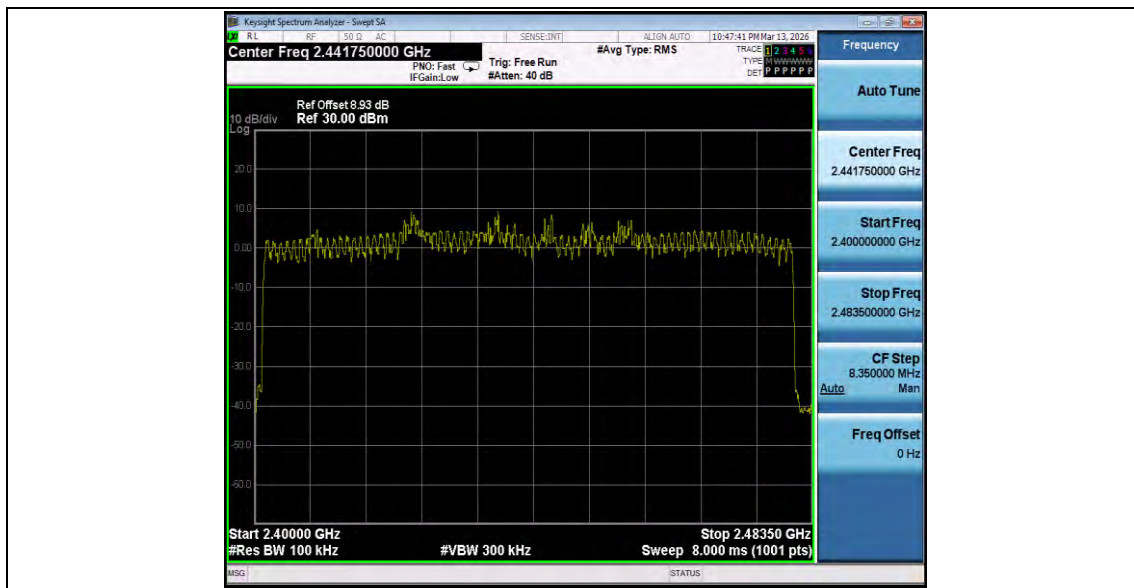
AppendixA.6: Number of hopping channels

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





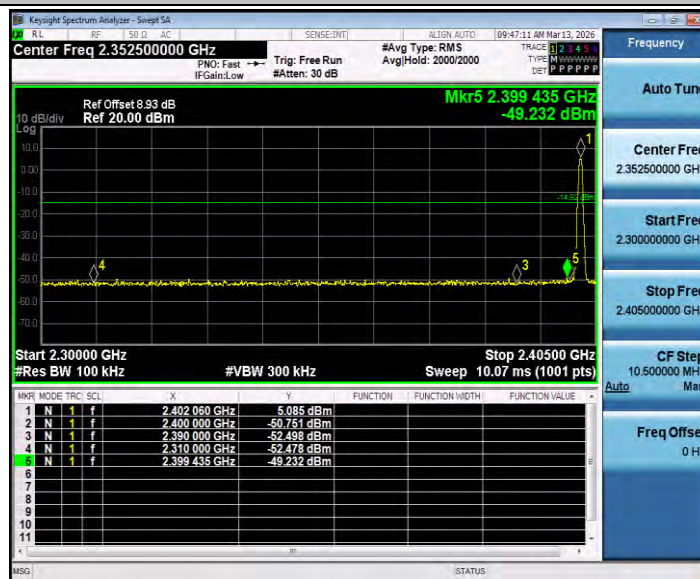
Appendix A.7: Band edge measurements

Test Result

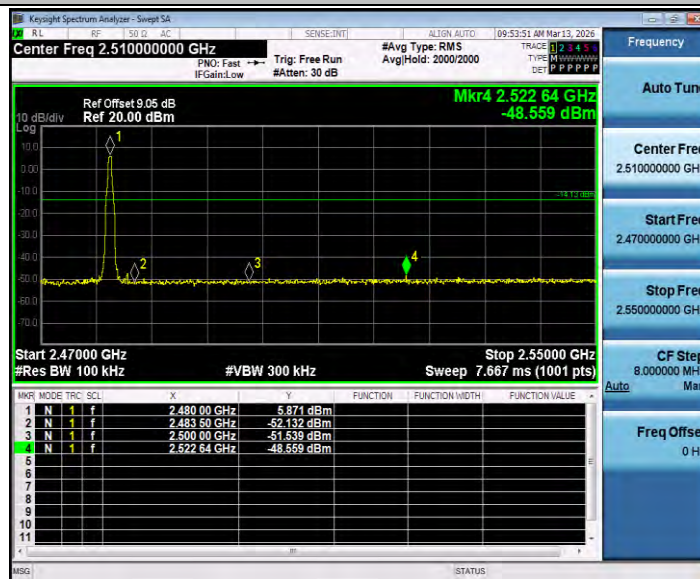
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	Low	2402	5.09	-49.23	≤ -14.92	PASS
		High	2480	5.87	-48.56	≤ -14.13	PASS
		Low	Hop_2402	4.12	-50.45	≤ -15.88	PASS
		High	Hop_2480	7.22	-48.96	≤ -12.78	PASS
2DH1	Ant1	Low	2402	2.04	-37.96	≤ -17.96	PASS
		High	2480	2.92	-48.91	≤ -17.08	PASS
		Low	Hop_2402	1.49	-49.55	≤ -18.51	PASS
		High	Hop_2480	2.91	-48.59	≤ -17.09	PASS
3DH1	Ant1	Low	2402	1.51	-49.71	≤ -18.49	PASS
		High	2480	2.27	-49.15	≤ -17.73	PASS
		Low	Hop_2402	0.98	-49.33	≤ -19.02	PASS
		High	Hop_2480	4.02	-49.17	≤ -15.98	PASS

Test Graphs

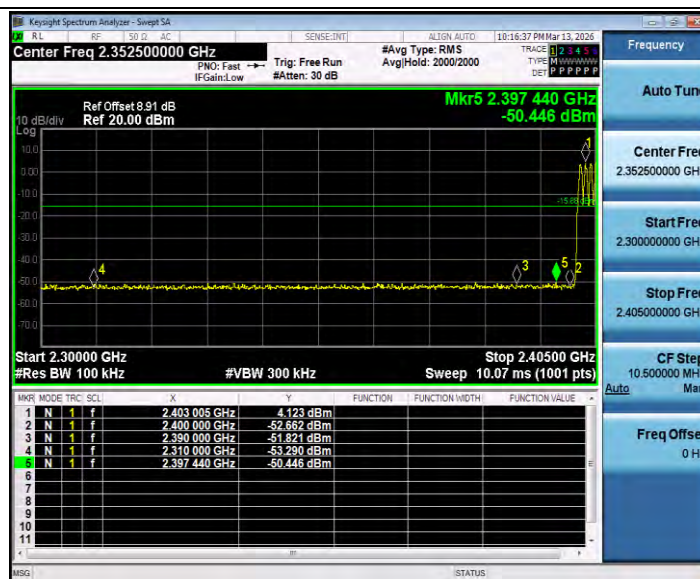
DH1_Ant1_Low_2402



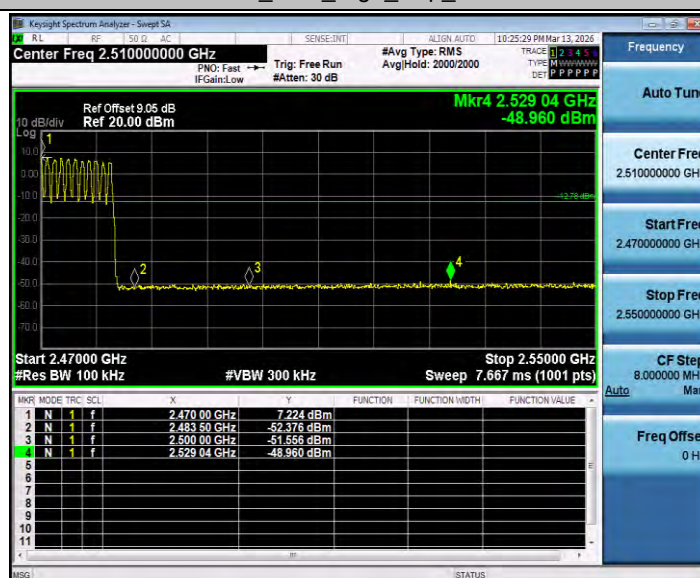
DH1_Ant1_High_2480



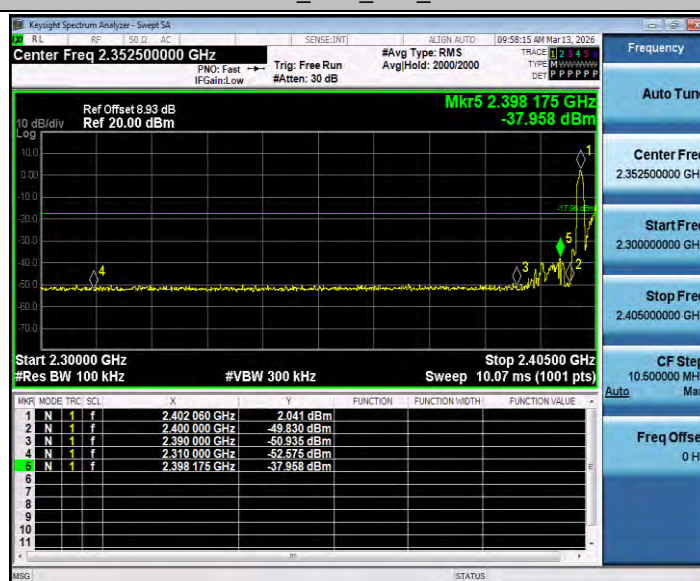
DH1_Ant1_Low_Hop_2402



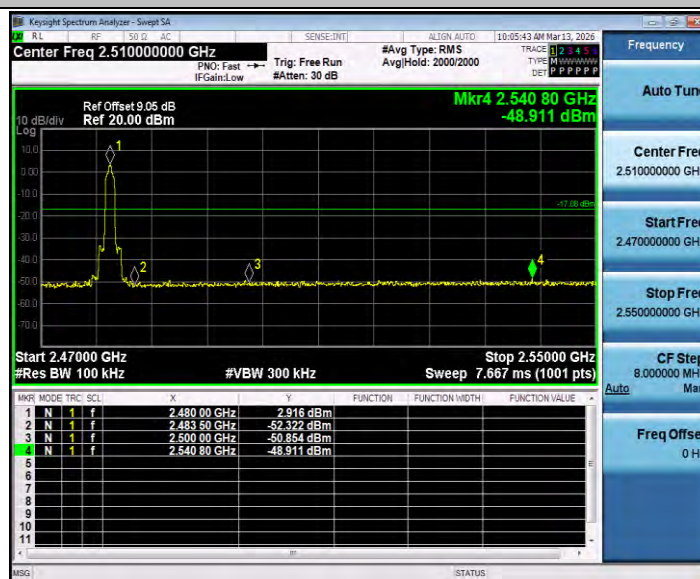
DH1_Ant1_High_Hop_2480



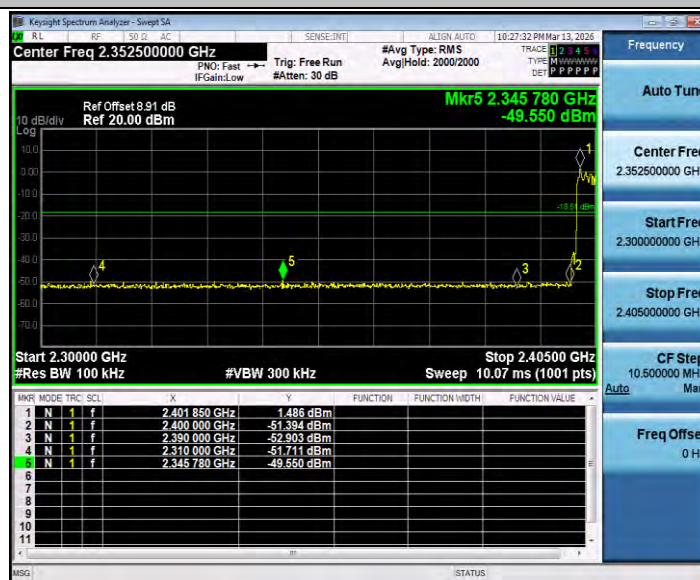
2DH1_Ant1_Low_2402



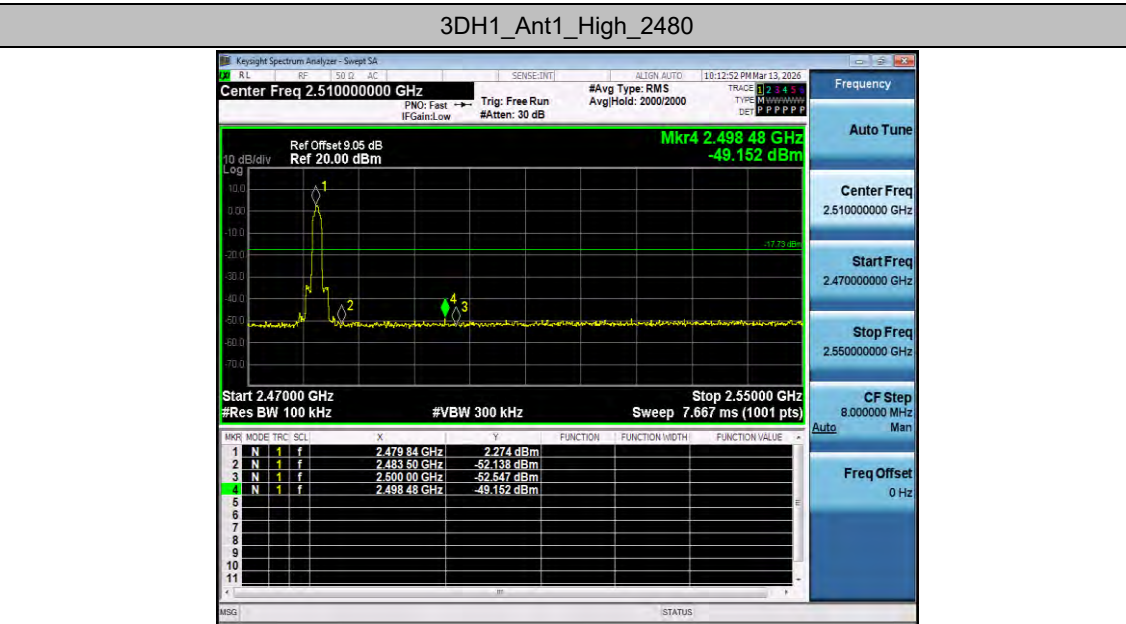
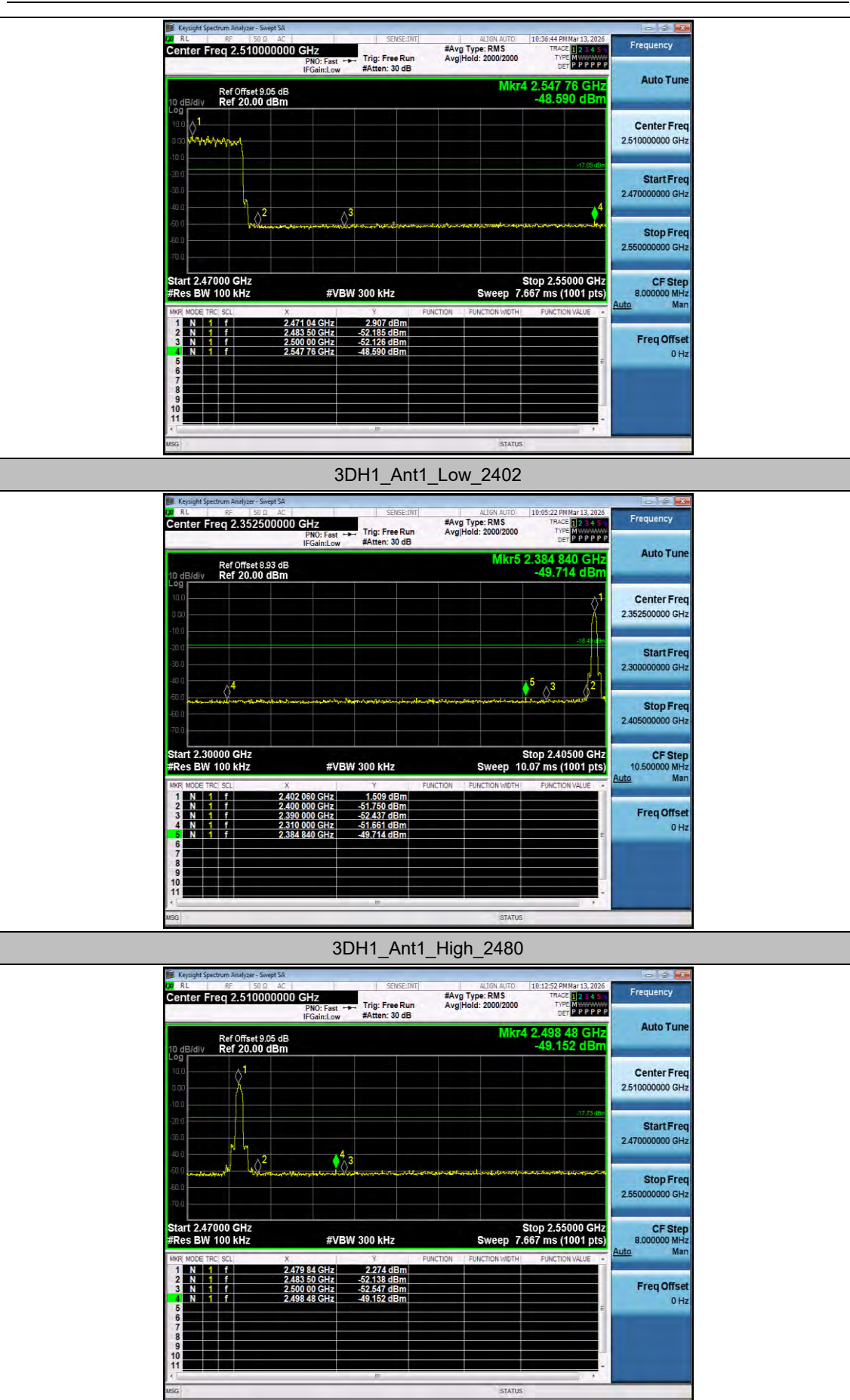
2DH1_Ant1_High_2480



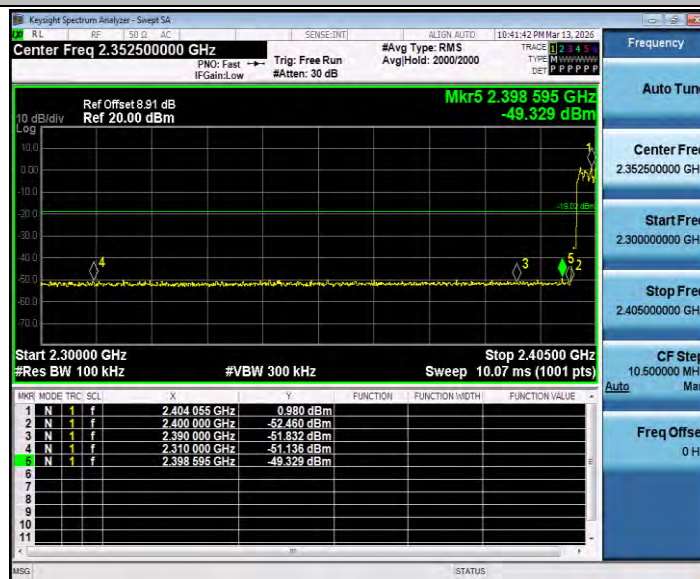
2DH1_Ant1_Low_Hop_2402



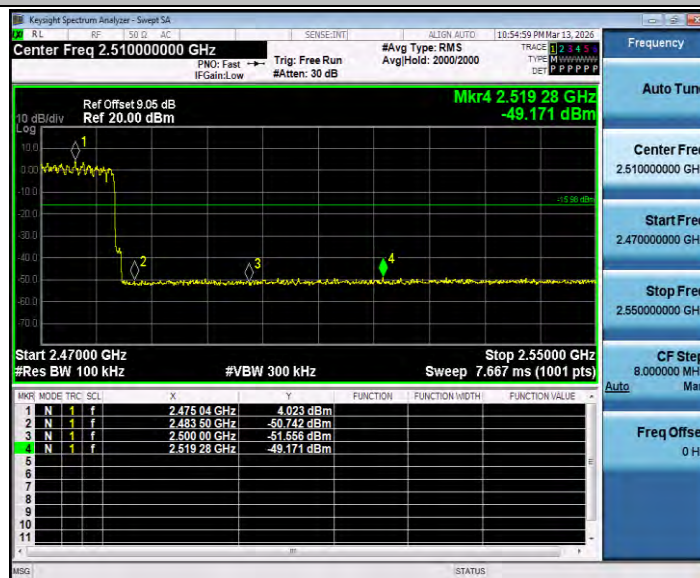
2DH1_Ant1_High_Hop_2480



3DH1_Ant1_Low_Hop_2402



3DH1_Ant1_High_Hop_2480

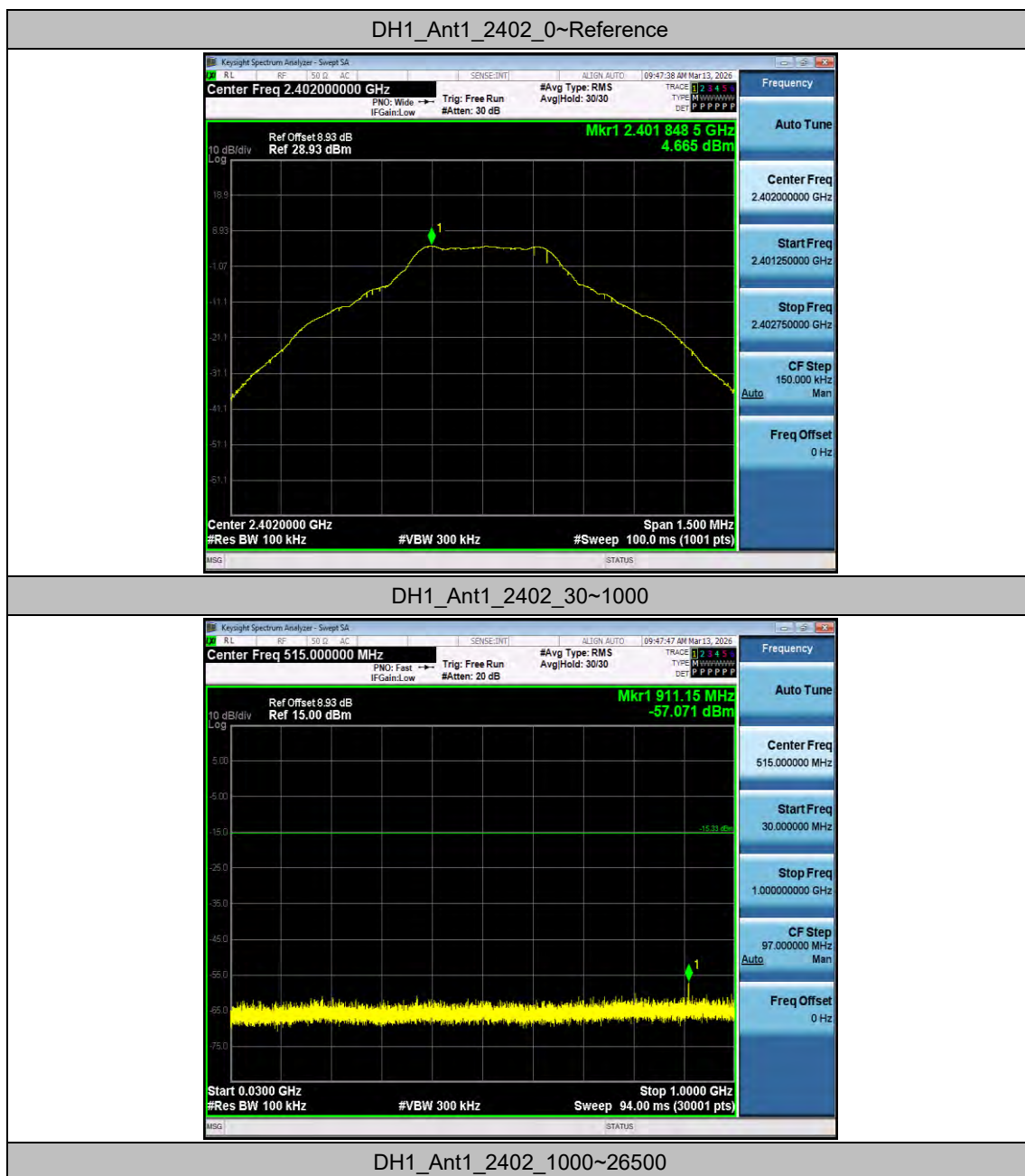


Appendix A.8: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	2402	Reference	4.67	4.67	---	PASS
			30~1000	4.67	-57.07	≤-15.33	PASS
			1000~26500	4.67	-48.07	≤-15.33	PASS
		2441	Reference	6.46	6.46	---	PASS
			30~1000	6.46	-60.13	≤-13.54	PASS
			1000~26500	6.46	-47.63	≤-13.54	PASS
		2480	Reference	5.52	5.52	---	PASS
			30~1000	5.52	-60.71	≤-14.48	PASS
			1000~26500	5.52	-47.73	≤-14.48	PASS
2DH1	Ant1	2402	Reference	1.88	1.88	---	PASS
			30~1000	1.88	-60.44	≤-18.12	PASS
			1000~26500	1.88	-48.43	≤-18.12	PASS
		2441	Reference	3.78	3.78	---	PASS
			30~1000	3.78	-60.8	≤-16.22	PASS
			1000~26500	3.78	-47.97	≤-16.22	PASS
		2480	Reference	2.77	2.77	---	PASS
			30~1000	2.77	-59.69	≤-17.23	PASS
			1000~26500	2.77	-46.92	≤-17.23	PASS
3DH1	Ant1	2402	Reference	1.42	1.42	---	PASS
			30~1000	1.42	-61.15	≤-18.58	PASS
			1000~26500	1.42	-48.58	≤-18.58	PASS
		2441	Reference	3.19	3.19	---	PASS
			30~1000	3.19	-60.59	≤-16.81	PASS
			1000~26500	3.19	-48.86	≤-16.81	PASS
		2480	Reference	2.14	2.14	---	PASS
			30~1000	2.14	-60.37	≤-17.86	PASS
			1000~26500	2.14	-48.61	≤-17.86	PASS

Test Graphs

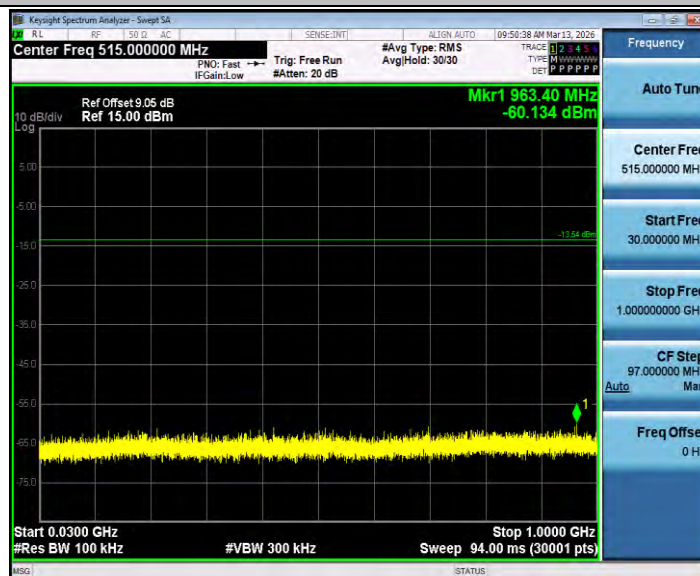




DH1_Ant1_2441_0~Reference



DH1_Ant1_2441_30~1000



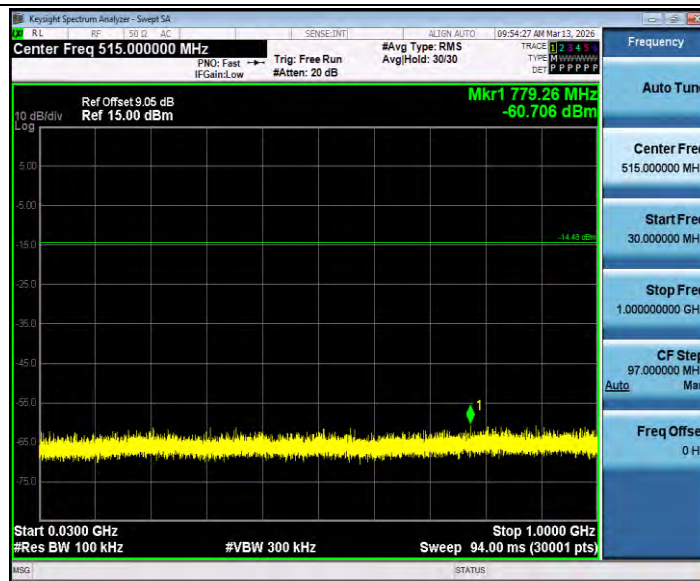
DH1_Ant1_2441_1000~26500



DH1_Ant1_2480_0~Reference



DH1_Ant1_2480_30~1000

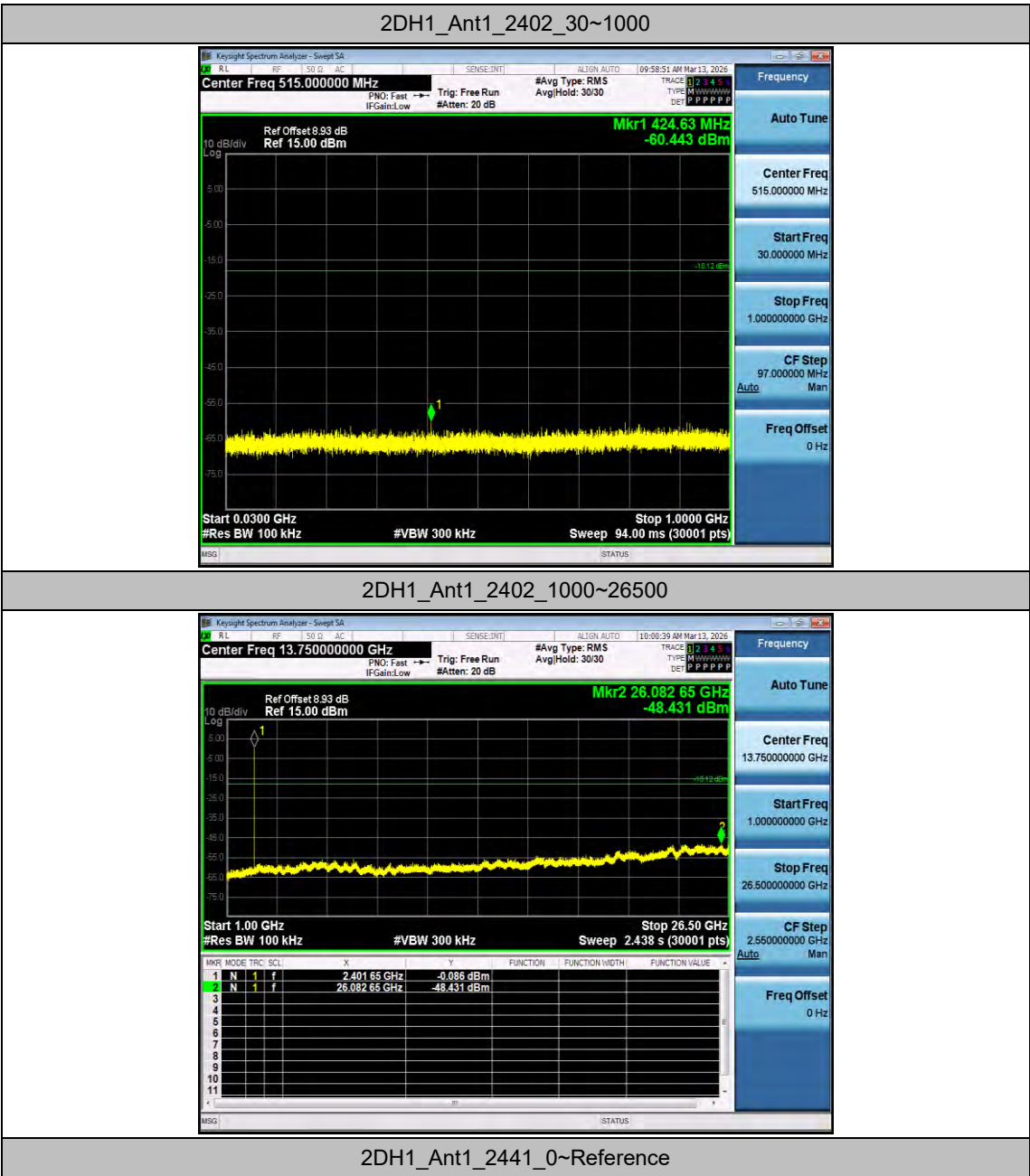


DH1_Ant1_2480_1000~26500



2DH1_Ant1_2402_0~Reference







2DH1_Ant1_2441_30~1000



2DH1_Ant1_2441_1000~26500



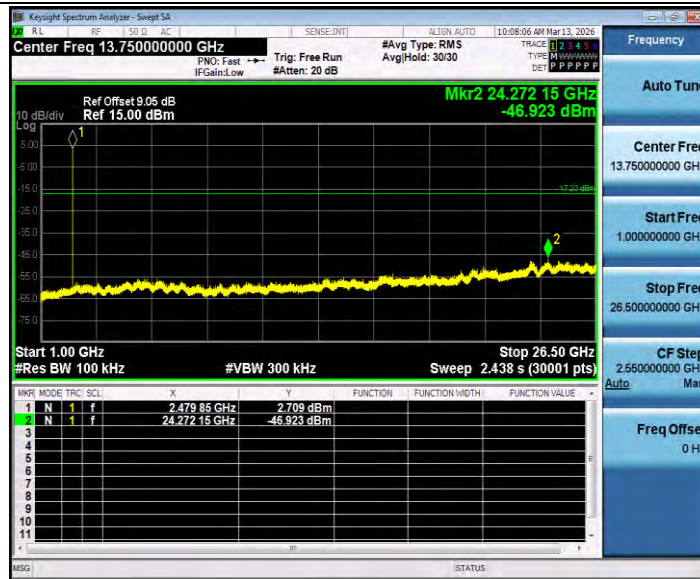
2DH1_Ant1_2480_0~Reference



2DH1_Ant1_2480_30~1000



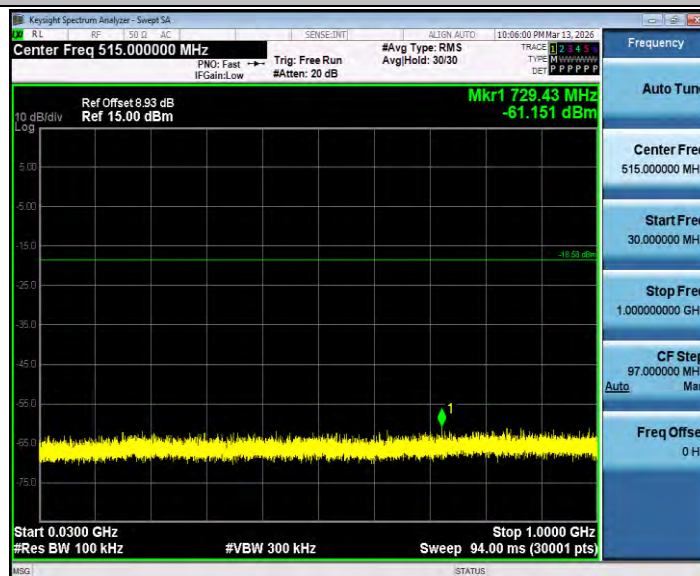
2DH1_Ant1_2480_1000~26500



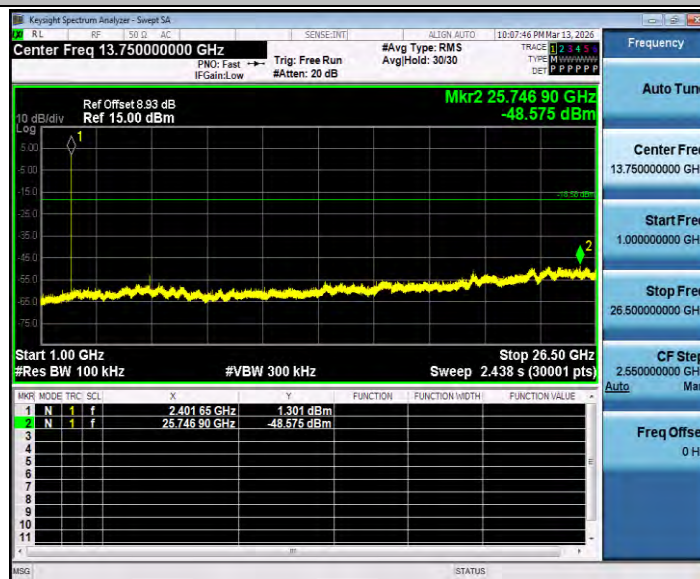
3DH1_Ant1_2402_0~Reference



3DH1_Ant1_2402_30~1000



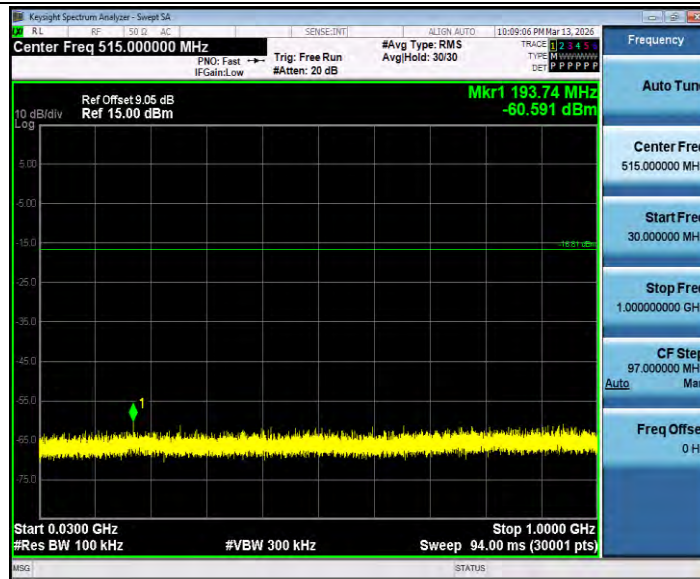
3DH1_Ant1_2402_1000~26500



3DH1_Ant1_2441_0~Reference



3DH1_Ant1_2441_30~1000



3DH1_Ant1_2441_1000~26500



3DH1_Ant1_2480_0~Reference



