

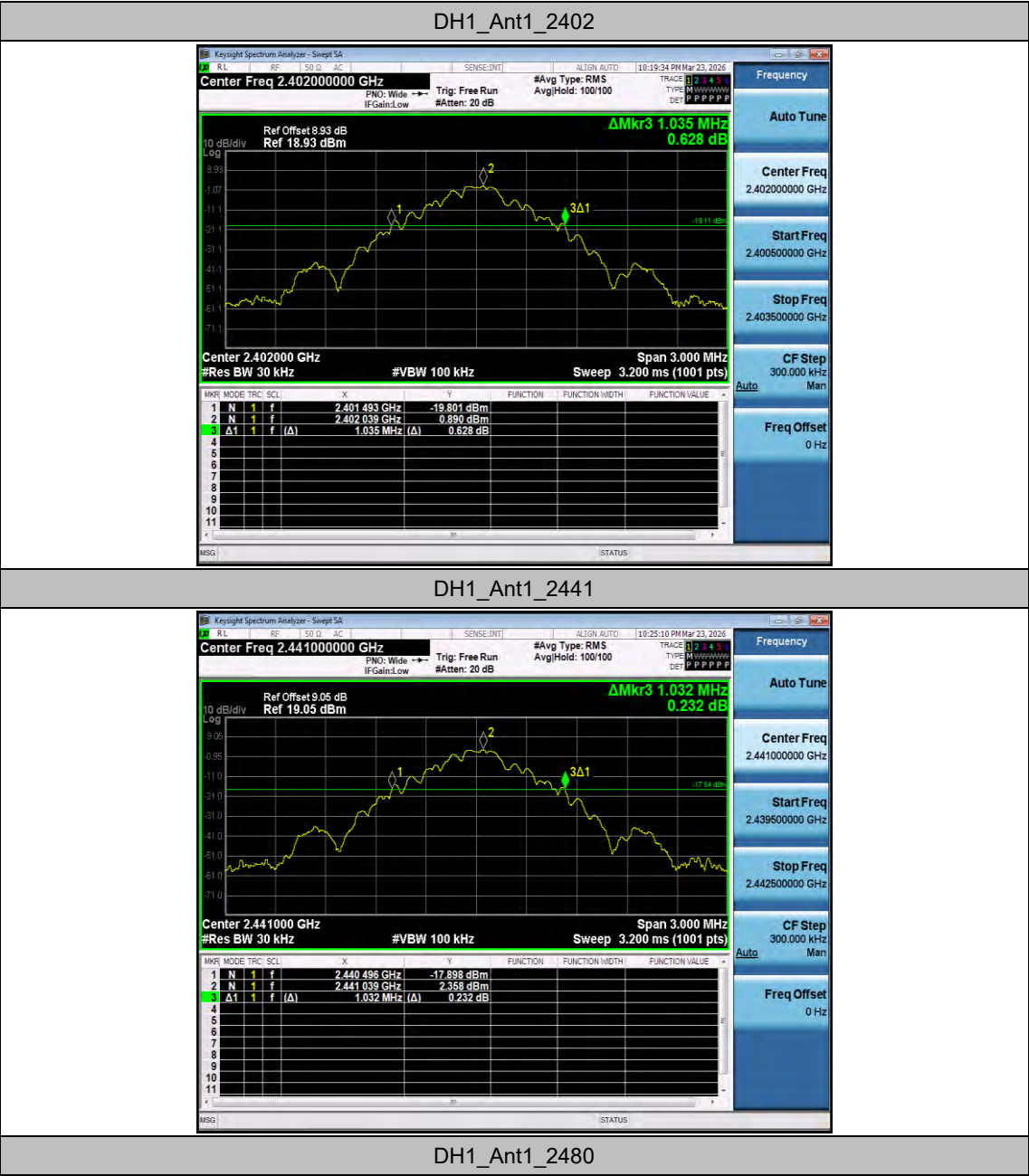
Case No. : <u>GTS20260302018-2-01</u>
Ambient Condition: <u>25</u> °C, <u>52</u> %RH
According Standard: ■Part15C
Test Date: <u>2026.3.19-2026.3.26</u> Test Engineer: <u>Evan ouyang</u>

AppendixA.1: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	1.035	2401.493	2402.528	---	---
		2441	1.032	2440.496	2441.528	---	---
		2480	1.035	2479.496	2480.531	---	---
2DH1	Ant1	2402	1.344	2401.331	2402.675	---	---
		2441	1.347	2440.331	2441.678	---	---
		2480	1.347	2479.328	2480.675	---	---
3DH1	Ant1	2402	1.353	2401.364	2402.717	---	---
		2441	1.347	2440.370	2441.717	---	---
		2480	1.293	2479.346	2480.639	---	---

Test Graphs





2DH1_Ant1_2402



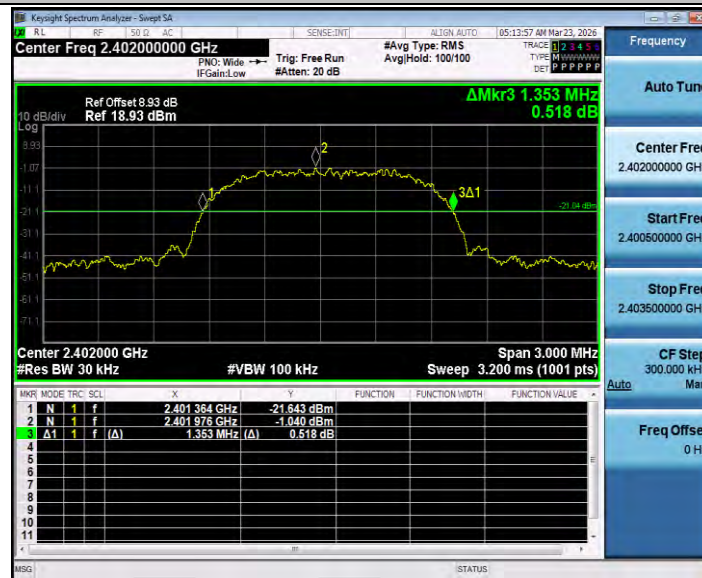
2DH1_Ant1_2441



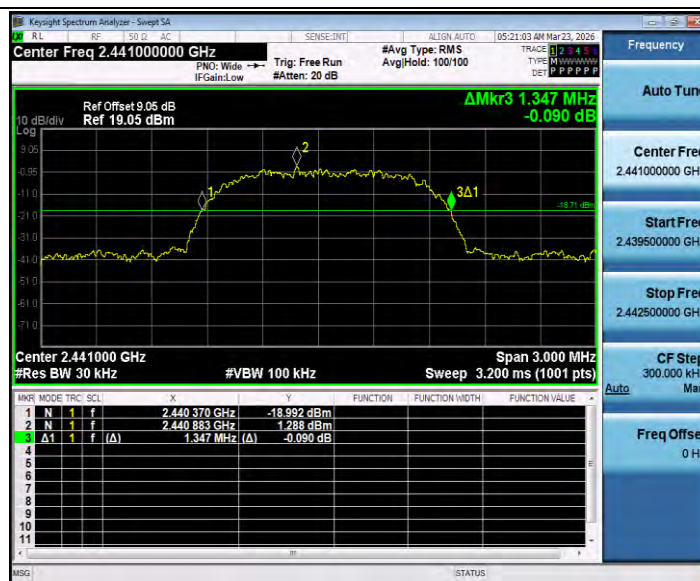
2DH1_Ant1_2480



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	0.90913	2401.5382	2402.4473	---	---
		2441	0.90711	2440.5404	2441.4475	---	---
		2480	0.90676	2479.5393	2480.4461	---	---
2DH1	Ant1	2402	1.1787	2401.4118	2402.5905	---	---
		2441	1.1794	2440.4113	2441.5907	---	---
		2480	1.1810	2479.4100	2480.5910	---	---
3DH1	Ant1	2402	1.1871	2401.4492	2402.6363	---	---
		2441	1.1944	2440.4445	2441.6389	---	---
		2480	1.1633	2479.4217	2480.5850	---	---

Test Graphs

DH1_Ant1_2402



DH1_Ant1_2441



DH1_Ant1_2480



2DHI_Ant1_2402



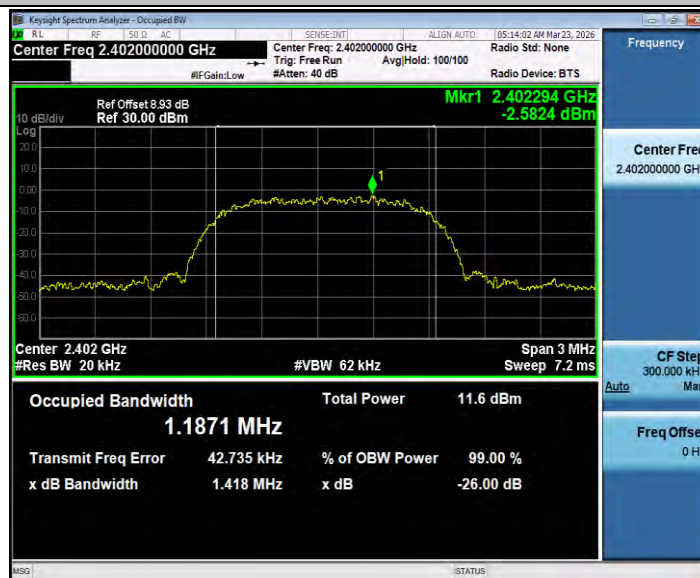
2DHI_Ant1_2441



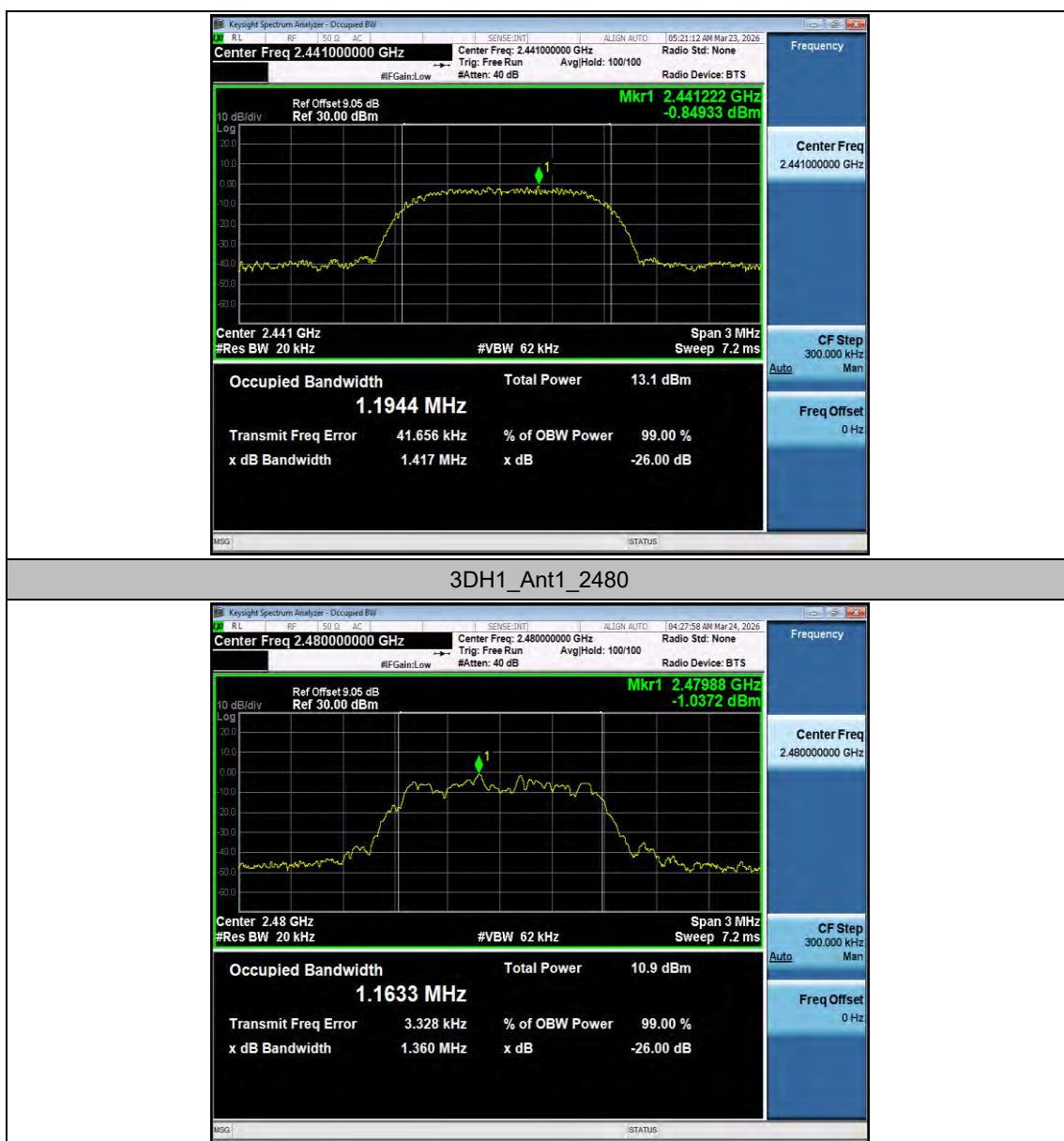
2DH1_Ant1_2480



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	4.40	≤20.97	PASS
		2441	6.69	≤20.97	PASS
		2480	6.68	≤20.97	PASS
2DH1	Ant1	2402	6.38	≤20.97	PASS
		2441	8.64	≤20.97	PASS
		2480	8.61	≤20.97	PASS
3DH1	Ant1	2402	5.56	≤20.97	PASS
		2441	7.59	≤20.97	PASS
		2480	9.12	≤20.97	PASS

AppendixA.4: Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH1	Ant1	Hop_2402	1	≥ 0.690	PASS
		Hop_2441	0.992	≥ 0.690	PASS
		Hop_2480	1.016	≥ 0.690	PASS
2DH1	Ant1	Hop_2402	0.99	≥ 0.898	PASS
		Hop_2441	1.33	≥ 0.898	PASS
		Hop_2480	1.004	≥ 0.898	PASS
3DH1	Ant1	Hop_2402	0.998	≥ 0.862	PASS
		Hop_2441	1	≥ 0.862	PASS
		Hop_2480	1	≥ 0.862	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

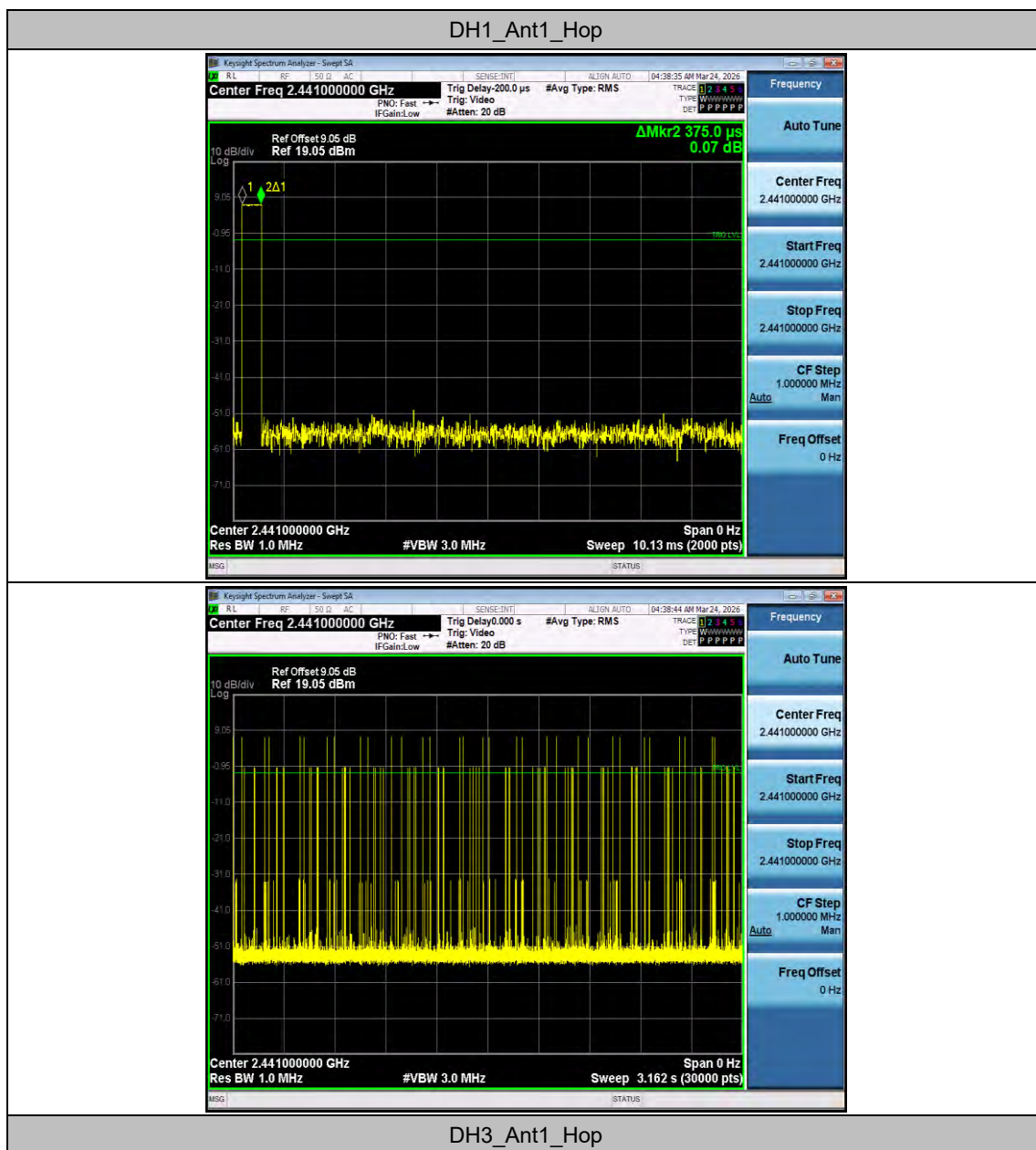


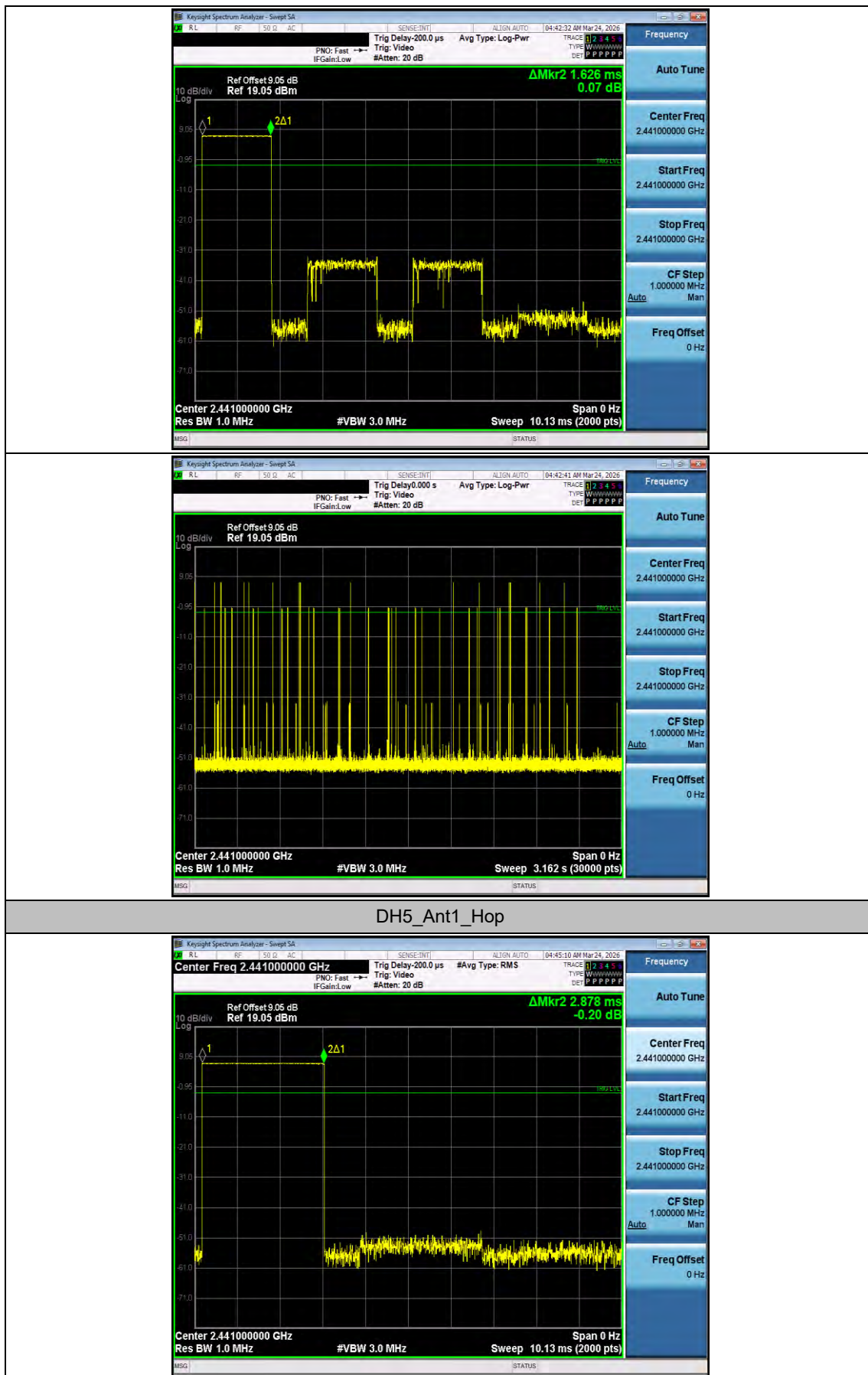
AppendixA.5: Time of occupancy

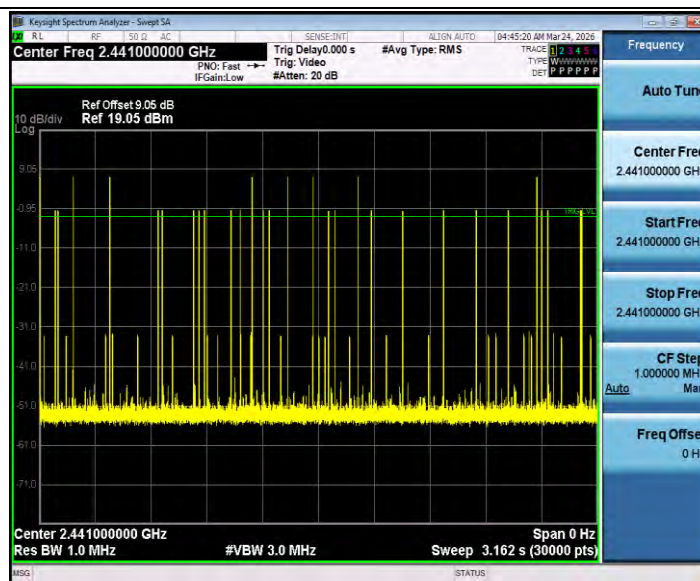
Test Result

TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.375	320	0.12	≤0.4	PASS
DH3	Ant1	Hop	1.626	150	0.244	≤0.4	PASS
DH5	Ant1	Hop	2.878	80	0.23	≤0.4	PASS
2DH1	Ant1	Hop	0.380	330	0.125	≤0.4	PASS
2DH3	Ant1	Hop	1.631	130	0.212	≤0.4	PASS
2DH5	Ant1	Hop	2.883	120	0.346	≤0.4	PASS
3DH1	Ant1	Hop	0.380	330	0.125	≤0.4	PASS
3DH3	Ant1	Hop	1.631	160	0.261	≤0.4	PASS
3DH5	Ant1	Hop	2.883	80	0.231	≤0.4	PASS

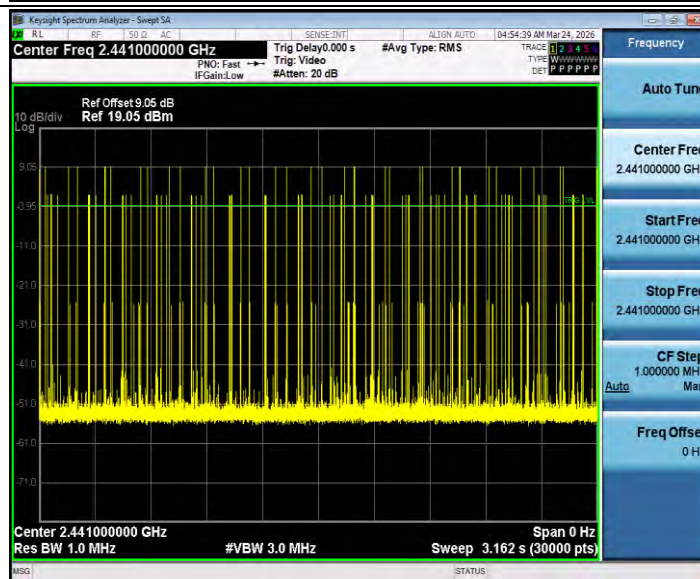
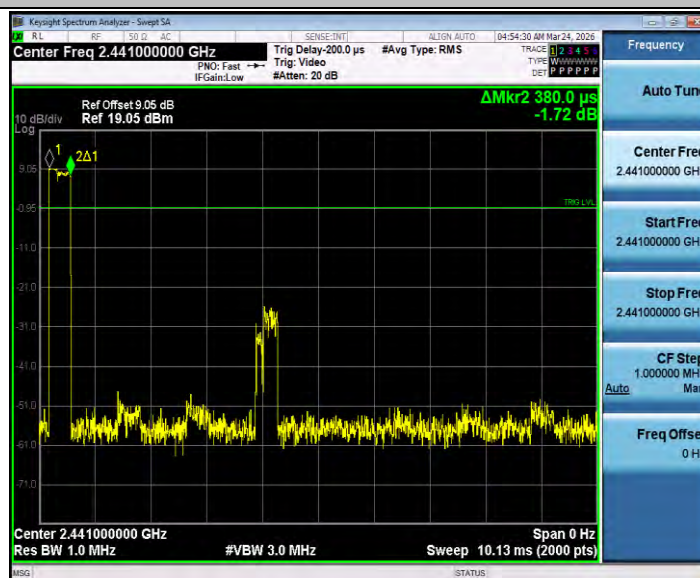
Test Graphs



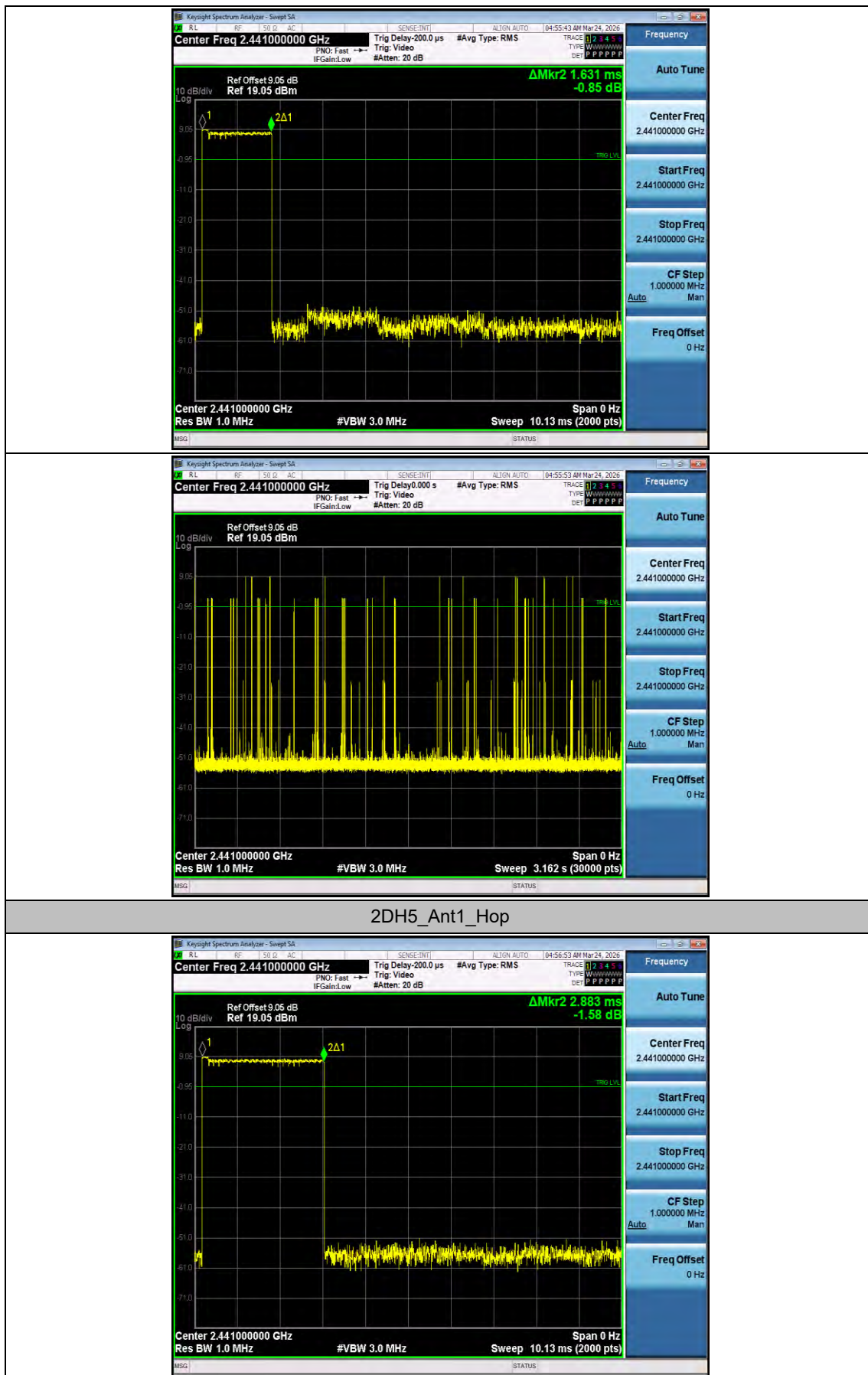


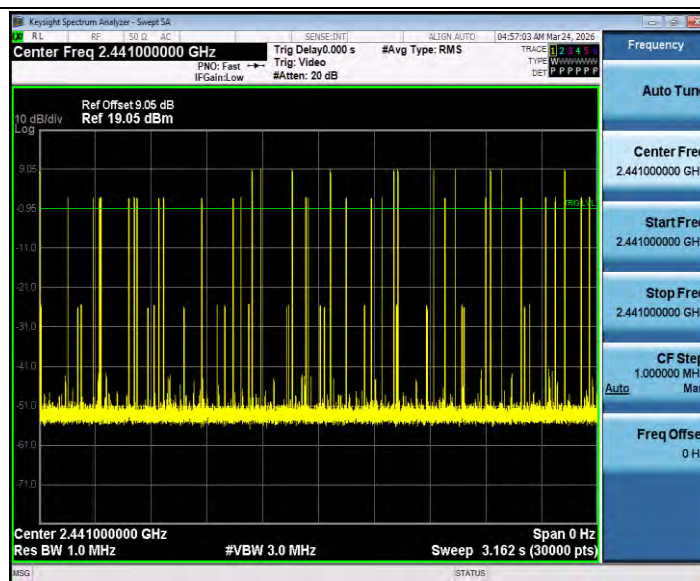


2DH1_Ant1_Hop

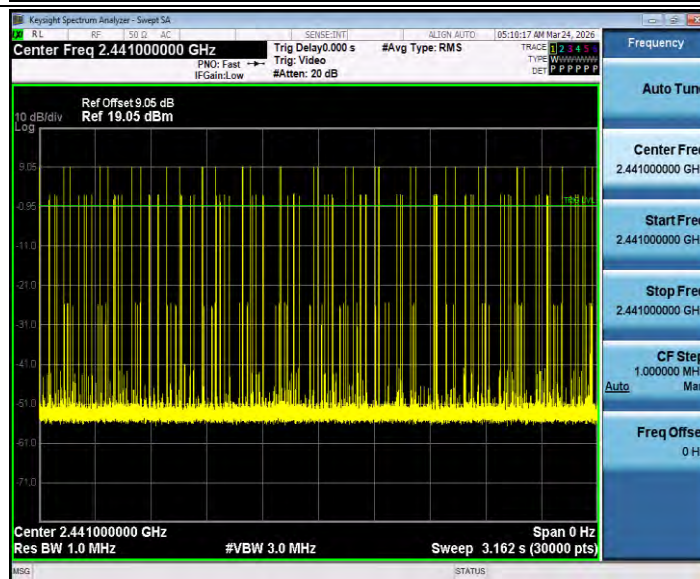
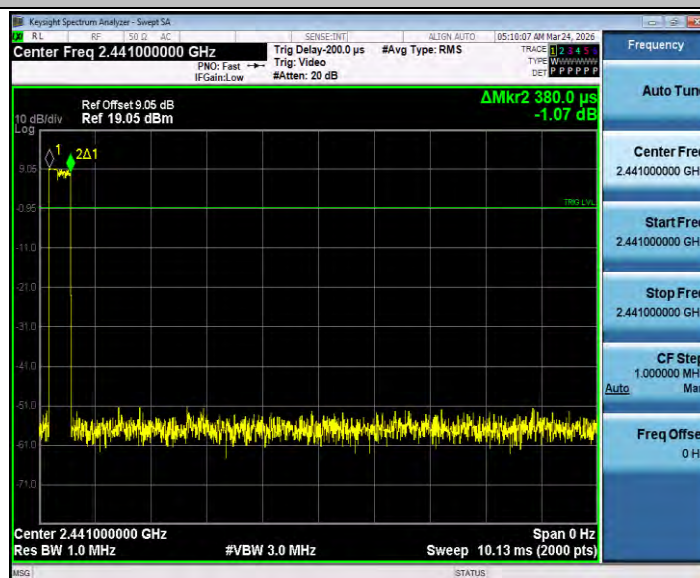


2DH3_Ant1_Hop

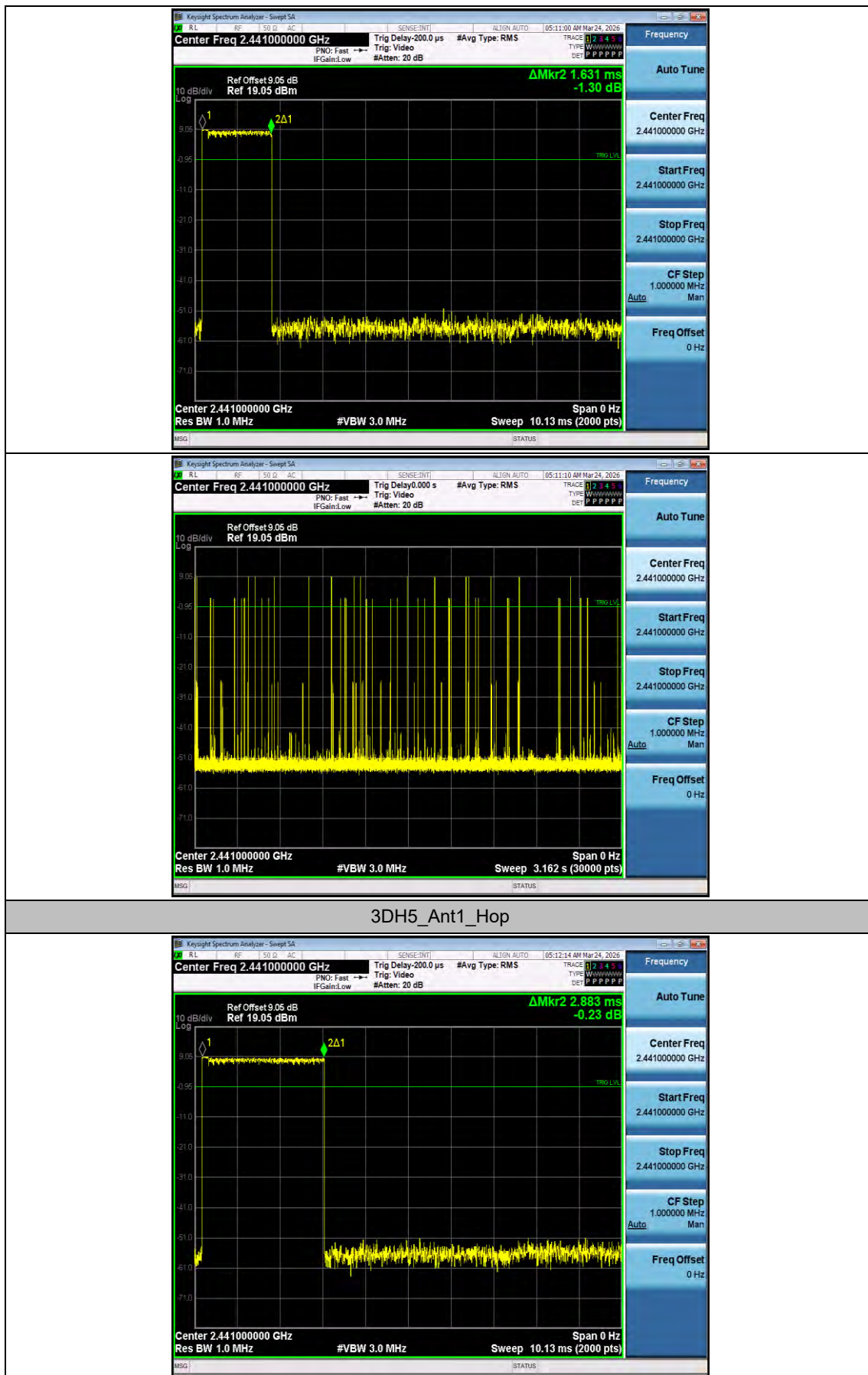


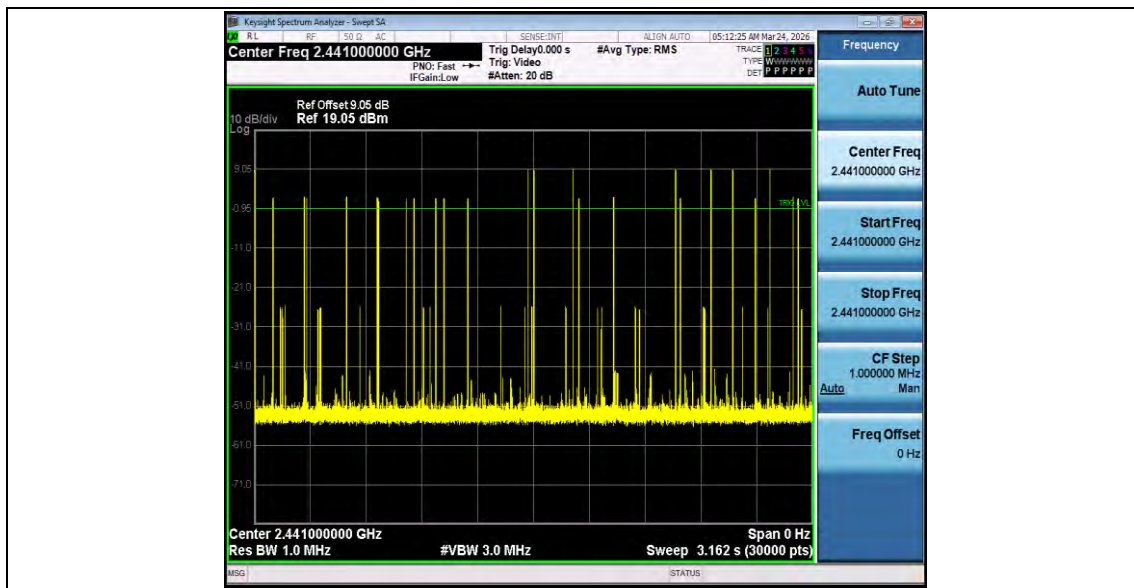


3DH1_Ant1_Hop



3DH3_Ant1_Hop



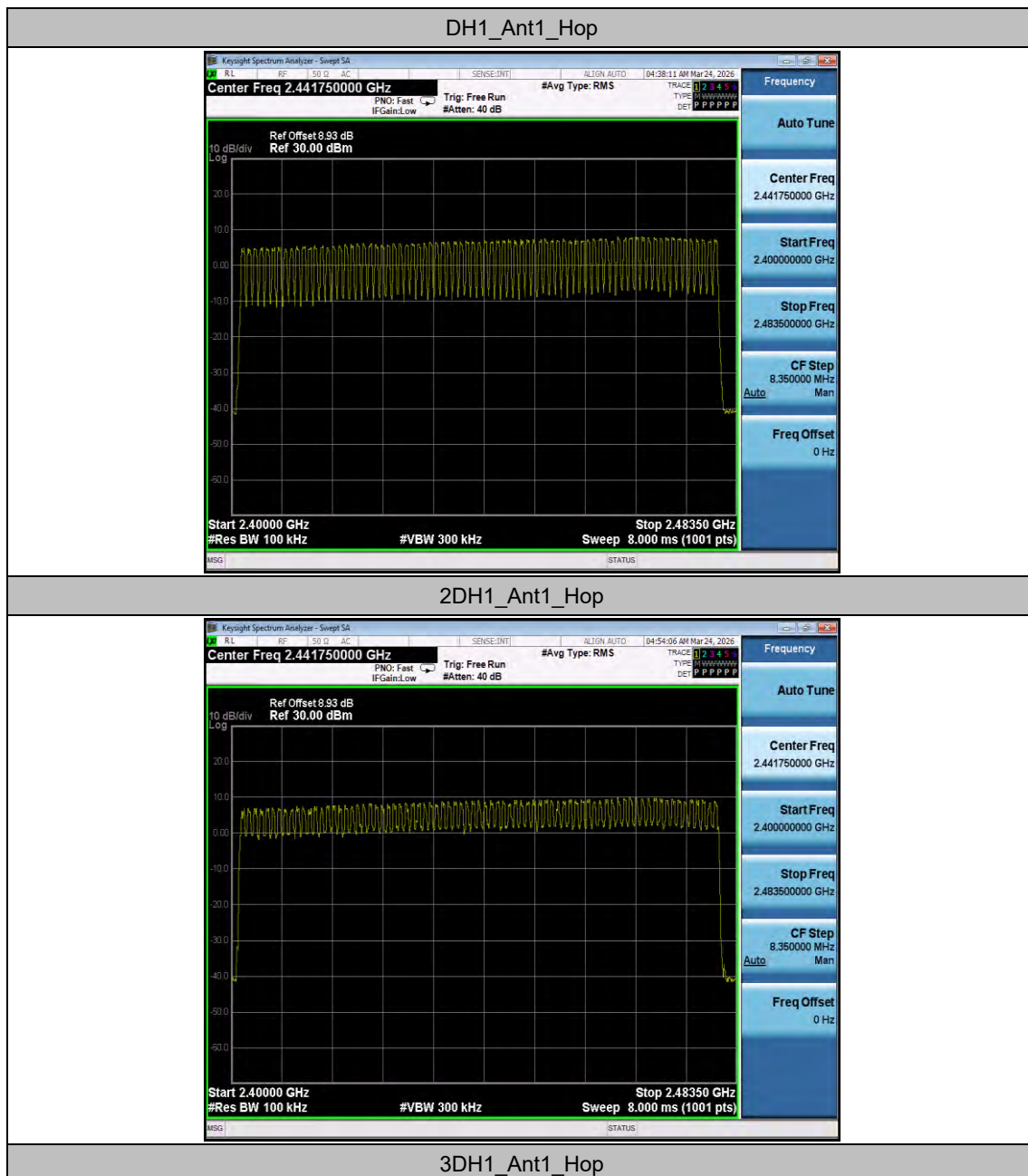


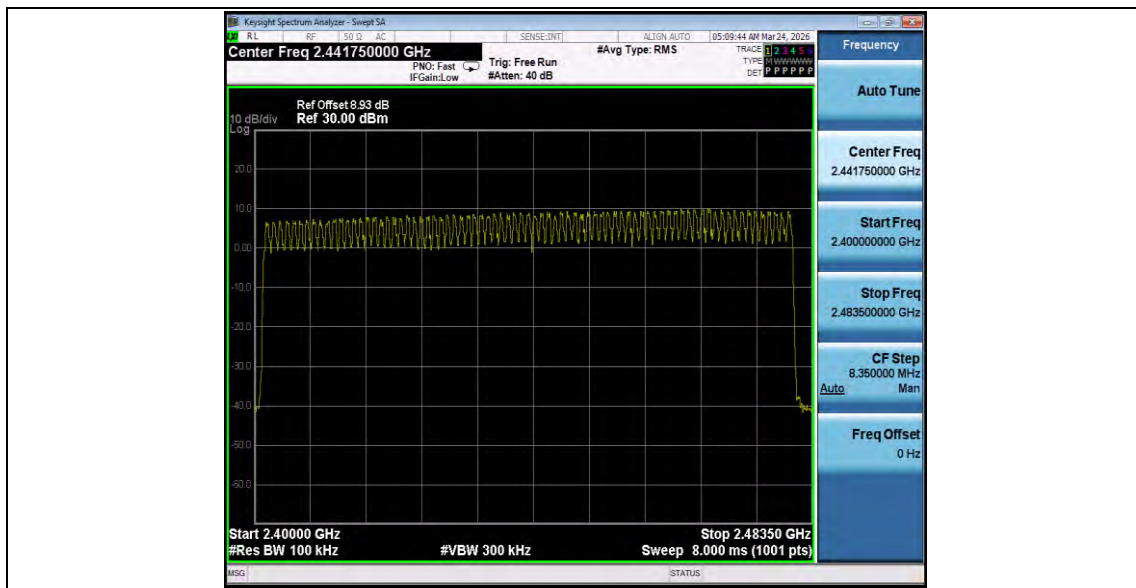
AppendixA.6: Number of hopping channels

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



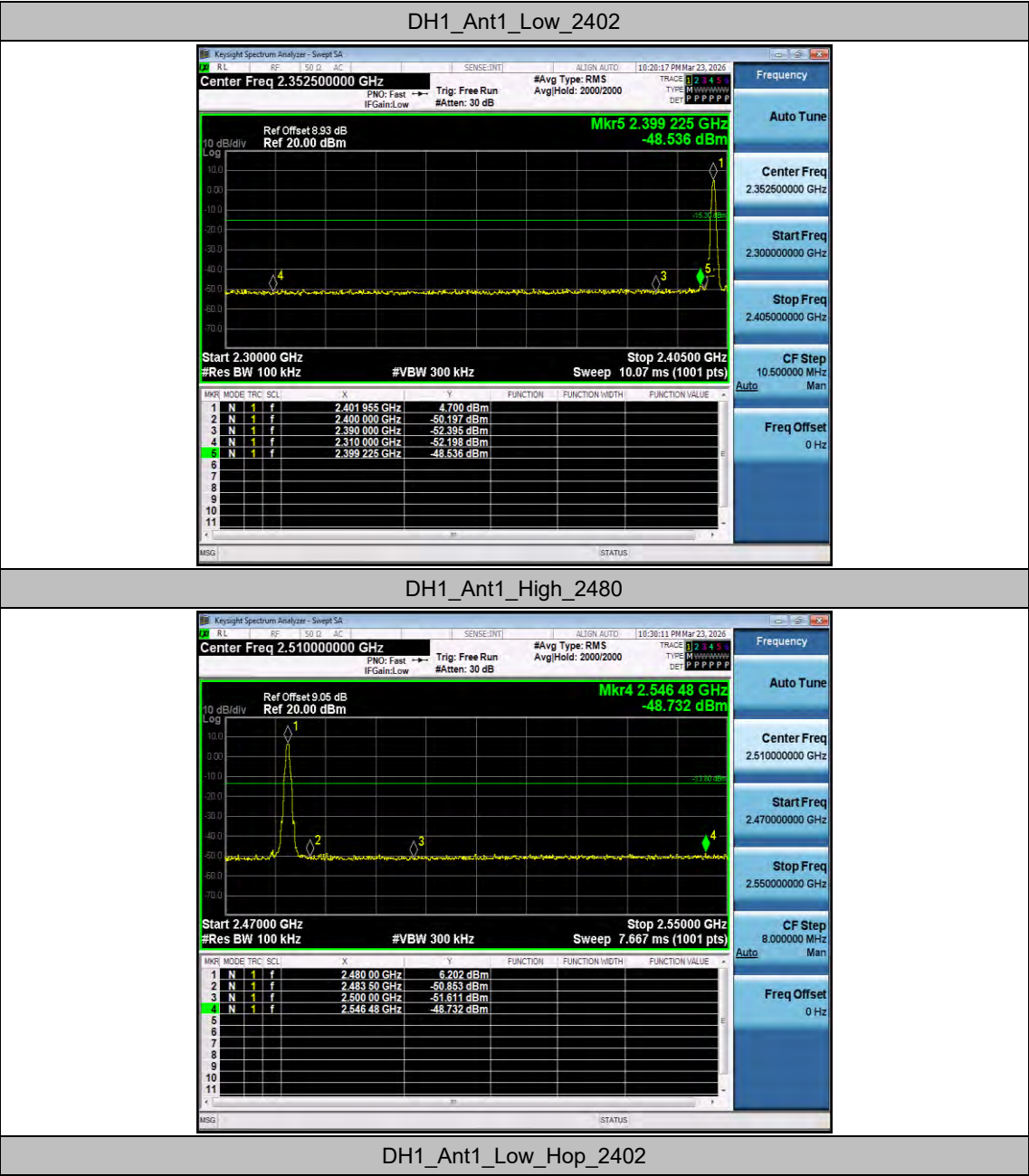


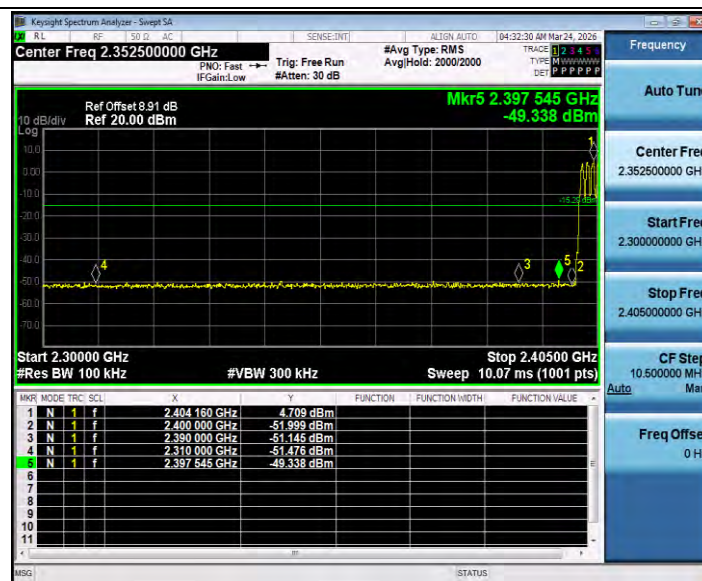
Appendix A.7: Band edge measurements

Test Result

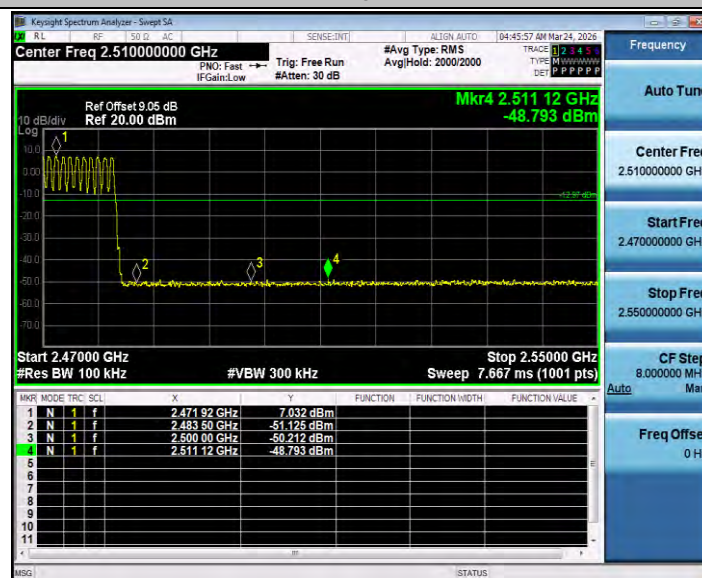
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	Low	2402	4.70	-48.54	≤-15.3	PASS
		High	2480	6.20	-48.73	≤-13.8	PASS
		Low	Hop_2402	4.71	-49.34	≤-15.29	PASS
		High	Hop_2480	7.03	-48.79	≤-12.97	PASS
2DH1	Ant1	Low	2402	1.46	-48.76	≤-18.54	PASS
		High	2480	3.89	-48.15	≤-16.11	PASS
		Low	Hop_2402	6.61	-49.48	≤-13.39	PASS
		High	Hop_2480	8.93	-48.05	≤-11.07	PASS
3DH1	Ant1	Low	2402	3.49	-46.64	≤-16.51	PASS
		High	2480	4.34	-48.41	≤-15.66	PASS
		Low	Hop_2402	6.58	-49.91	≤-13.42	PASS
		High	Hop_2480	9.41	-48.37	≤-10.6	PASS

Test Graphs

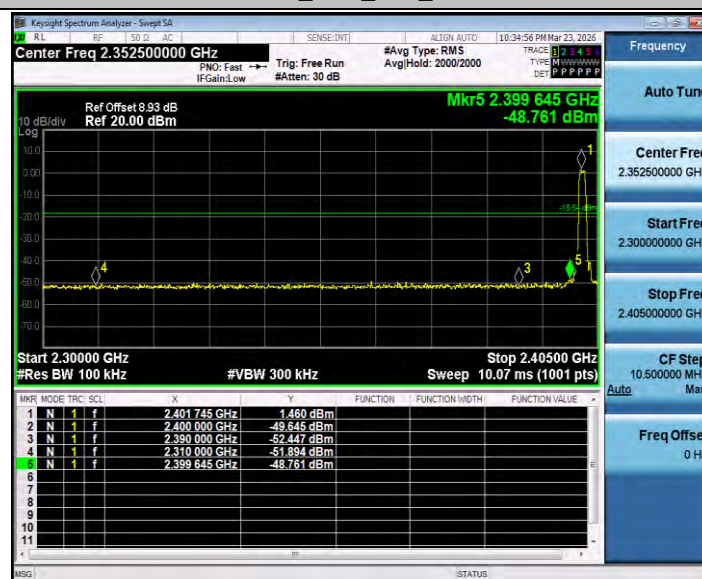




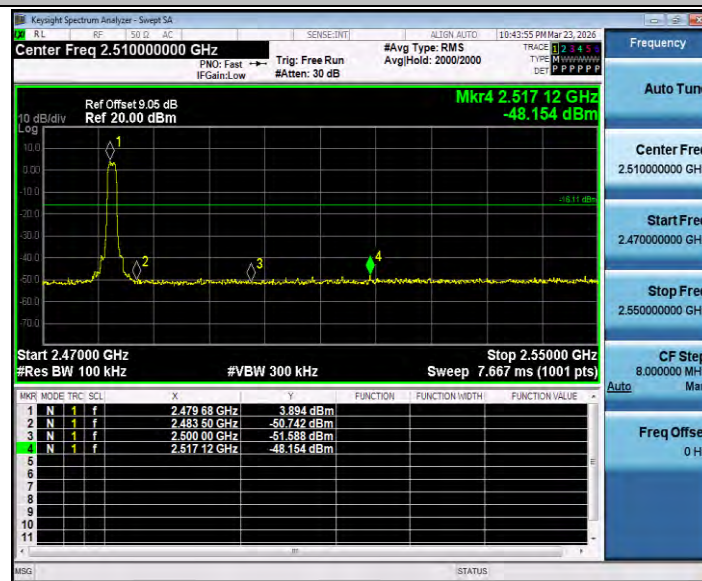
DH1_Ant1_High_Hop_2480



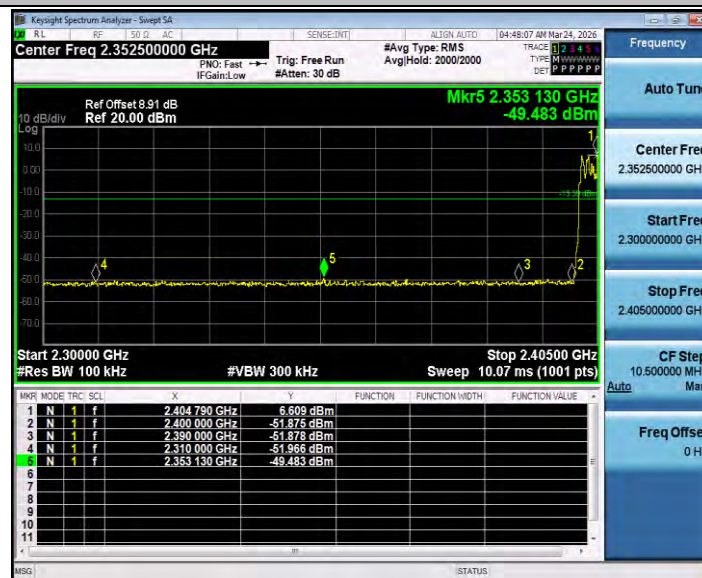
2DH1_Ant1_Low_2402



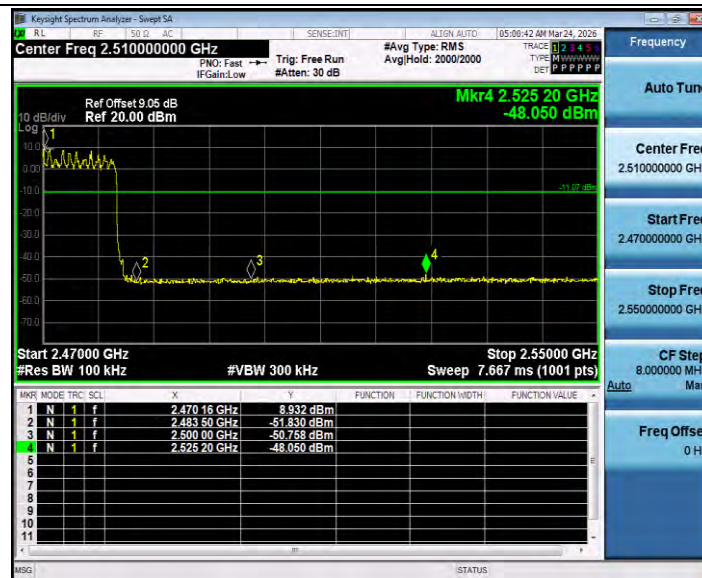
2DH1_Ant1_High_2480



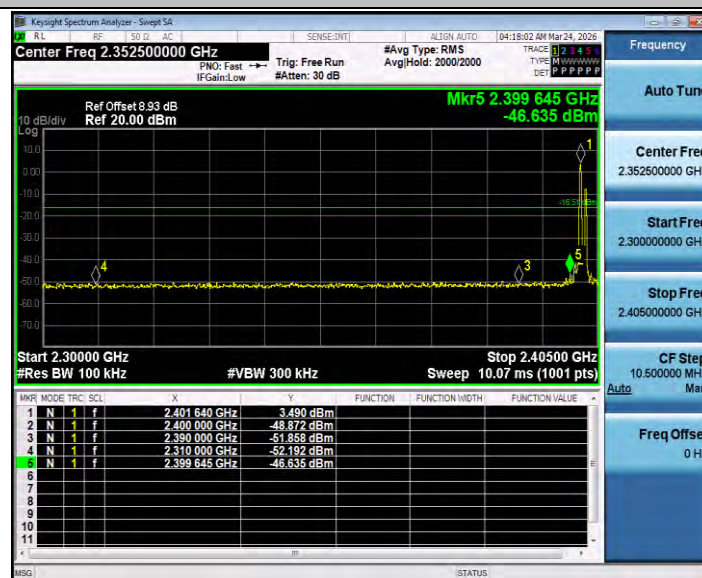
2DH1_Ant1_Low_Hop_2402



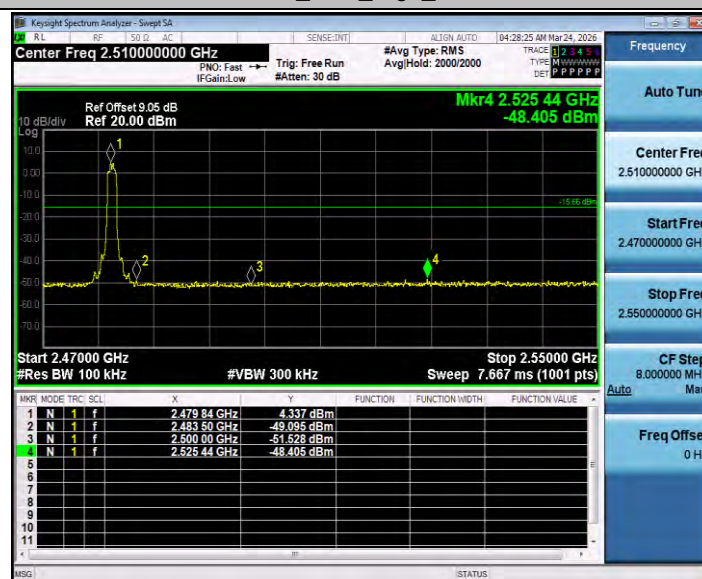
2DH1_Ant1_High_Hop_2480



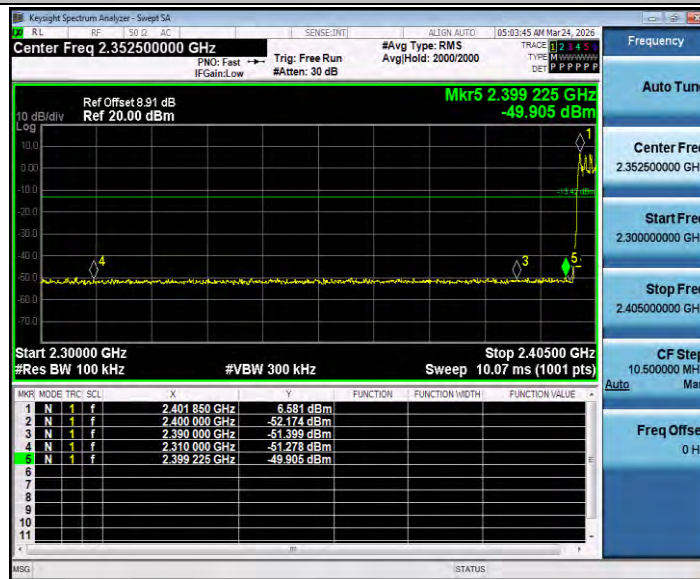
3DH1_Ant1_Low_2402



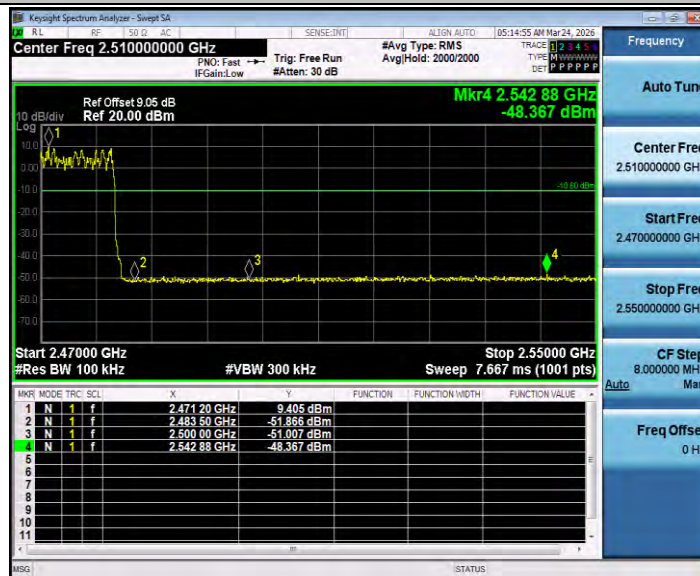
3DH1_Ant1_High_2480



3DH1_Ant1_Low_Hop_2402



3DH1_Ant1_High_Hop_2480

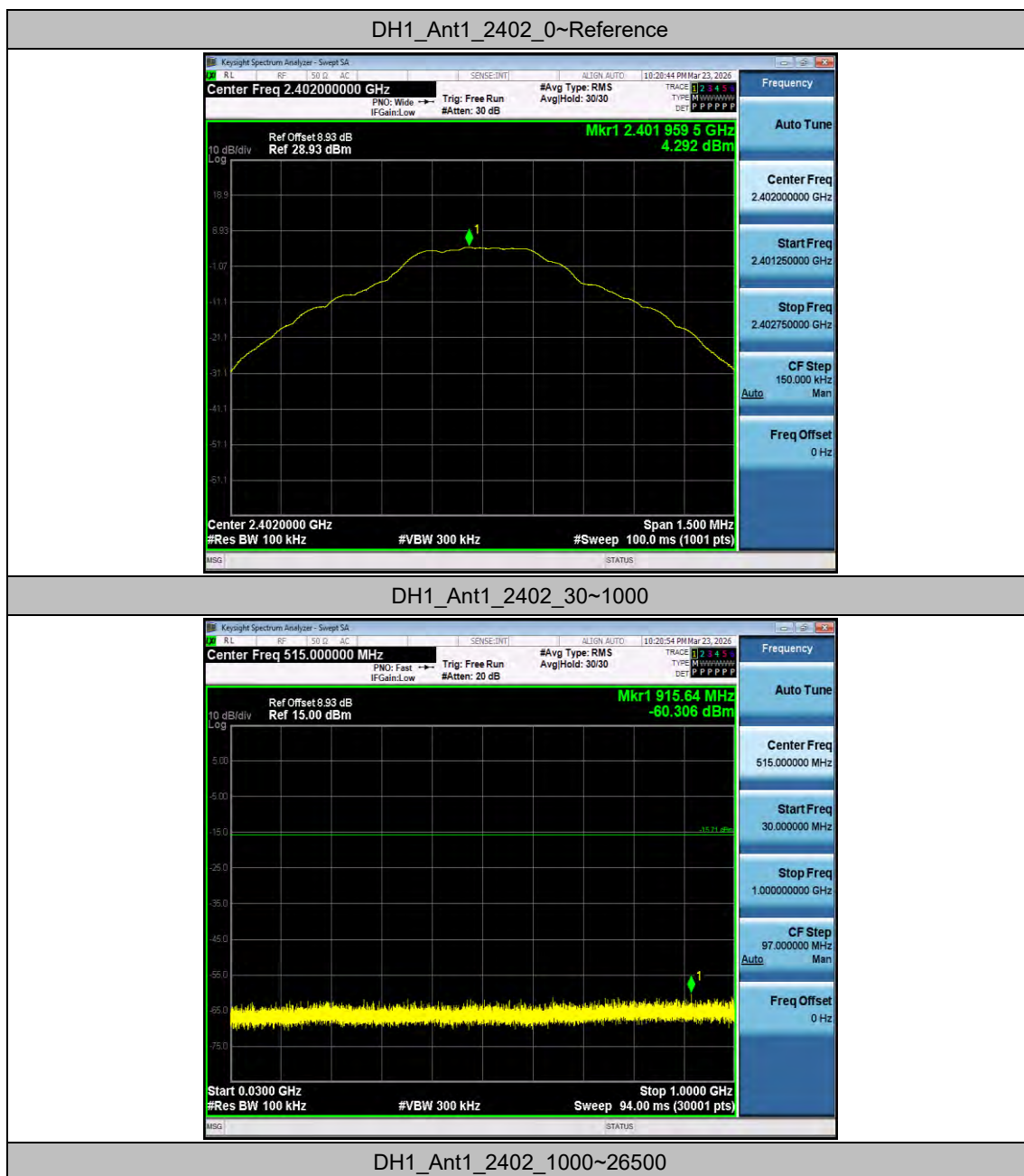


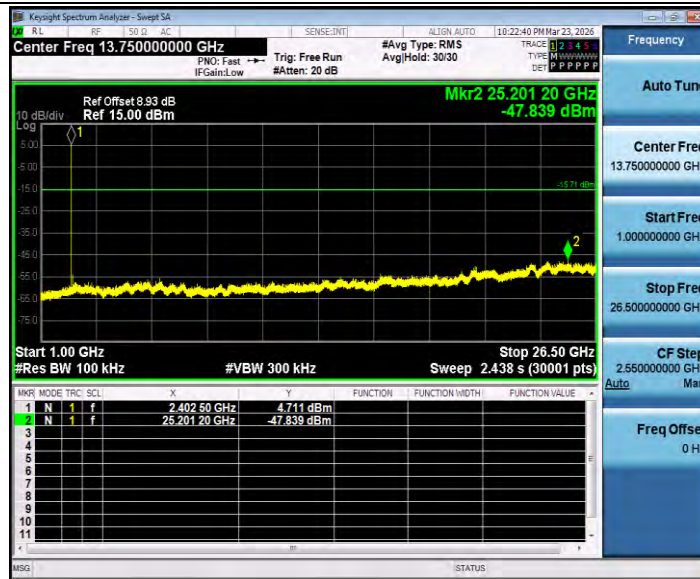
Appendix A.8: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	2402	Reference	4.29	4.29	---	PASS
			30~1000	4.29	-60.31	≤-15.71	PASS
			1000~26500	4.29	-47.84	≤-15.71	PASS
		2441	Reference	5.64	5.64	---	PASS
			30~1000	5.64	-60.35	≤-14.36	PASS
			1000~26500	5.64	-47.43	≤-14.36	PASS
		2480	Reference	5.73	5.73	---	PASS
			30~1000	5.73	-59.28	≤-14.27	PASS
			1000~26500	5.73	-47.01	≤-14.27	PASS
2DH1	Ant1	2402	Reference	1.30	1.30	---	PASS
			30~1000	1.30	-61.18	≤-18.7	PASS
			1000~26500	1.30	-47.87	≤-18.7	PASS
		2441	Reference	3.61	3.61	---	PASS
			30~1000	3.61	-59.61	≤-16.39	PASS
			1000~26500	3.61	-47.7	≤-16.39	PASS
		2480	Reference	3.72	3.72	---	PASS
			30~1000	3.72	-60.45	≤-16.28	PASS
			1000~26500	3.72	-47.58	≤-16.28	PASS
3DH1	Ant1	2402	Reference	2.87	2.87	---	PASS
			30~1000	2.87	-33.4	≤-17.13	PASS
			1000~26500	2.87	-36.39	≤-17.13	PASS
		2441	Reference	4.53	4.53	---	PASS
			30~1000	4.53	-39.1	≤-15.47	PASS
			1000~26500	4.53	-34.68	≤-15.47	PASS
		2480	Reference	3.87	3.87	---	PASS
			30~1000	3.87	-60.59	≤-16.13	PASS
			1000~26500	3.87	-46.89	≤-16.13	PASS

Test Graphs

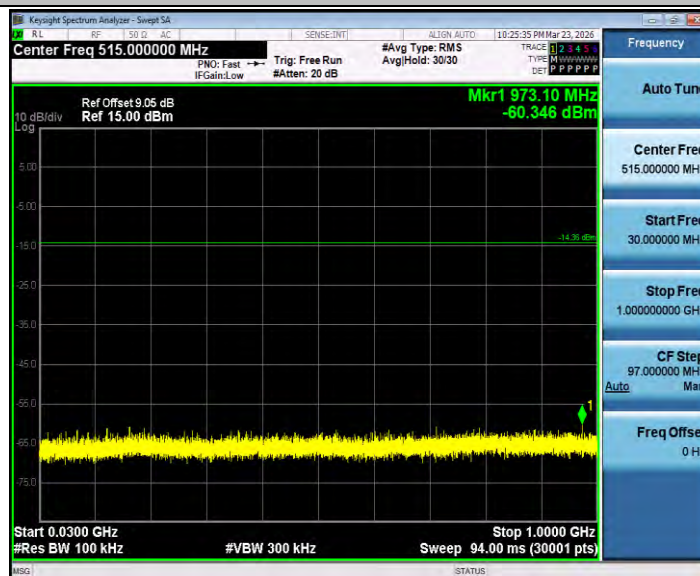




DH1_Ant1_2441_0~Reference



DH1_Ant1_2441_30~1000



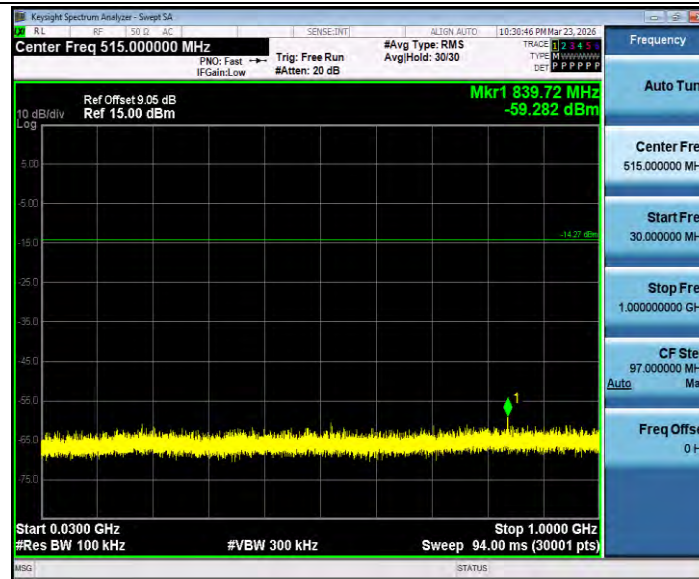
DH1_Ant1_2441_1000~26500



DH1_Ant1_2480_0~Reference



DH1_Ant1_2480_30~1000

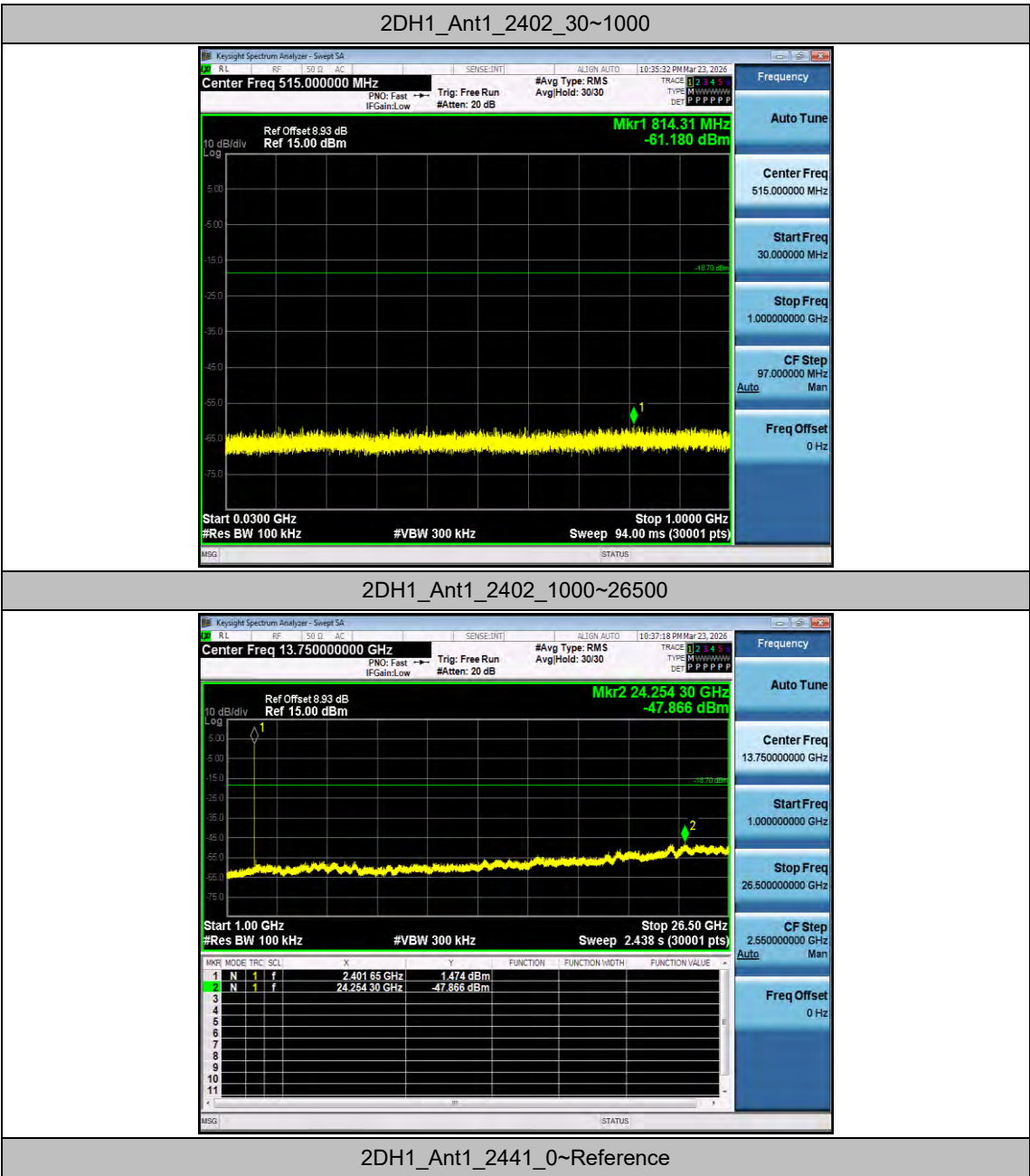


DH1_Ant1_2480_1000~26500



2DH1_Ant1_2402_0~Reference







2DH1_Ant1_2441_30~1000



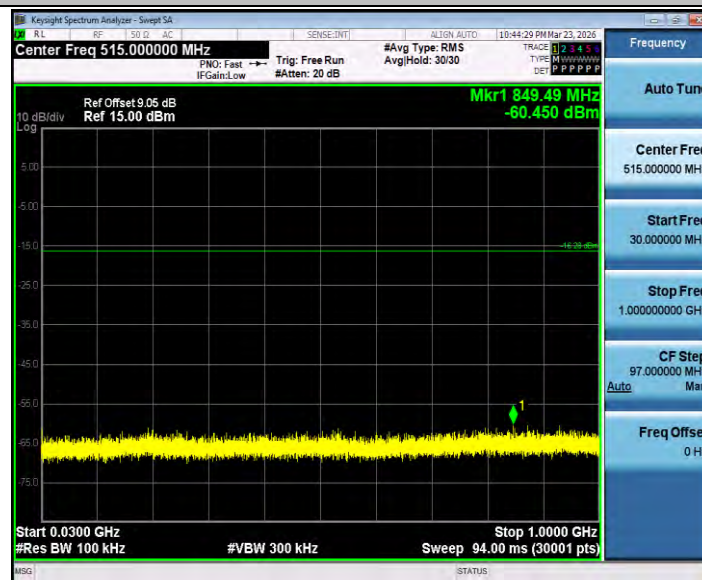
2DH1_Ant1_2441_1000~26500



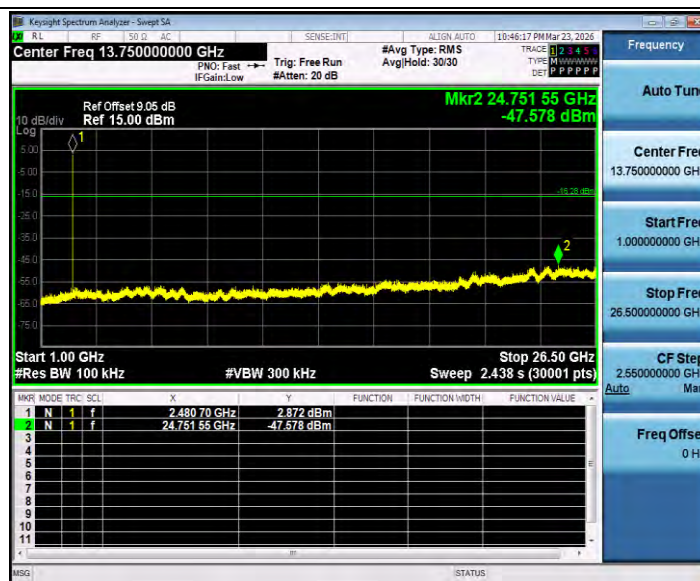
2DH1_Ant1_2480_0~Reference



2DH1_Ant1_2480_30~1000



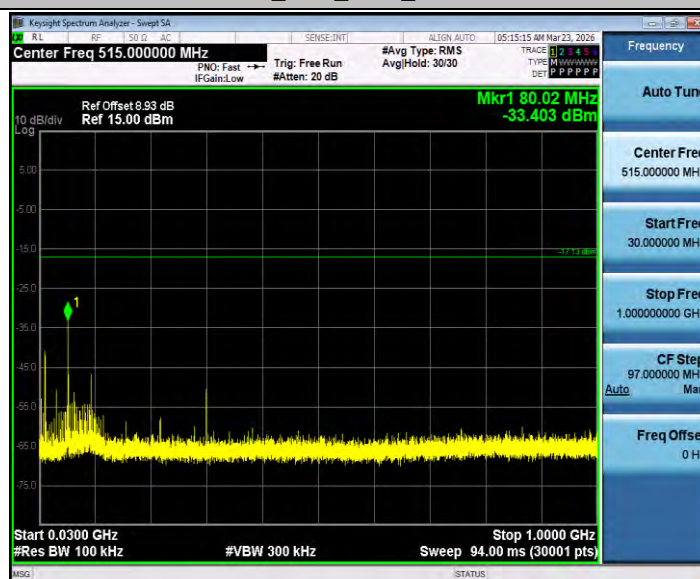
2DH1_Ant1_2480_1000~26500



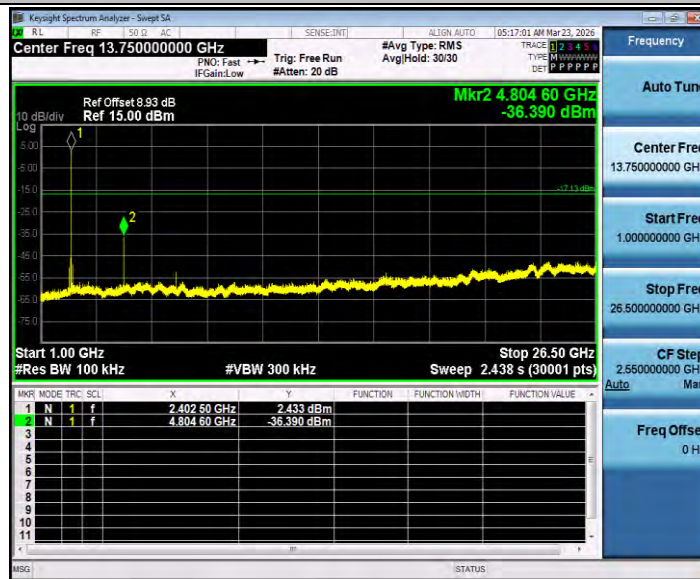
3DH1_Ant1_2402_0~Reference



3DH1_Ant1_2402_30~1000



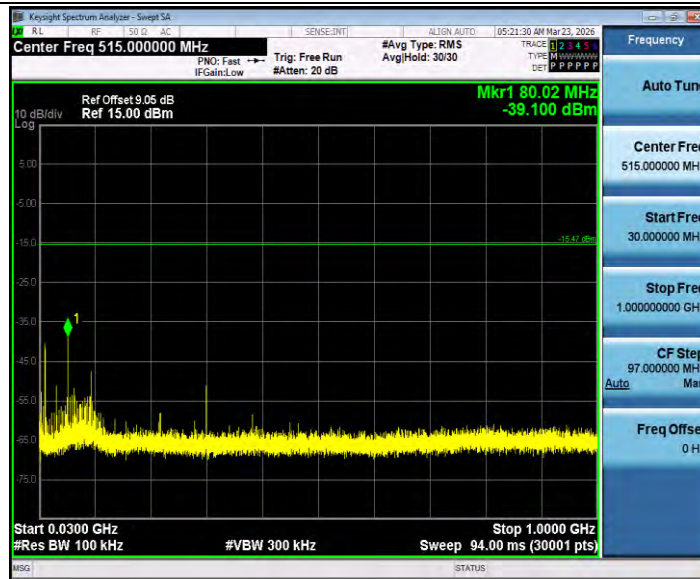
3DH1_Ant1_2402_1000~26500



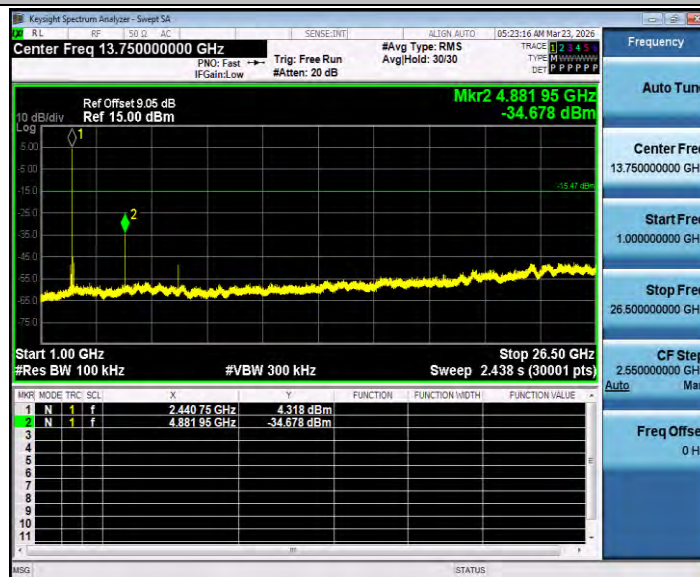
3DH1_Ant1_2441_0~Reference



3DH1_Ant1_2441_30~1000



3DH1_Ant1_2441_1000~26500



3DH1_Ant1_2480_0~Reference



