

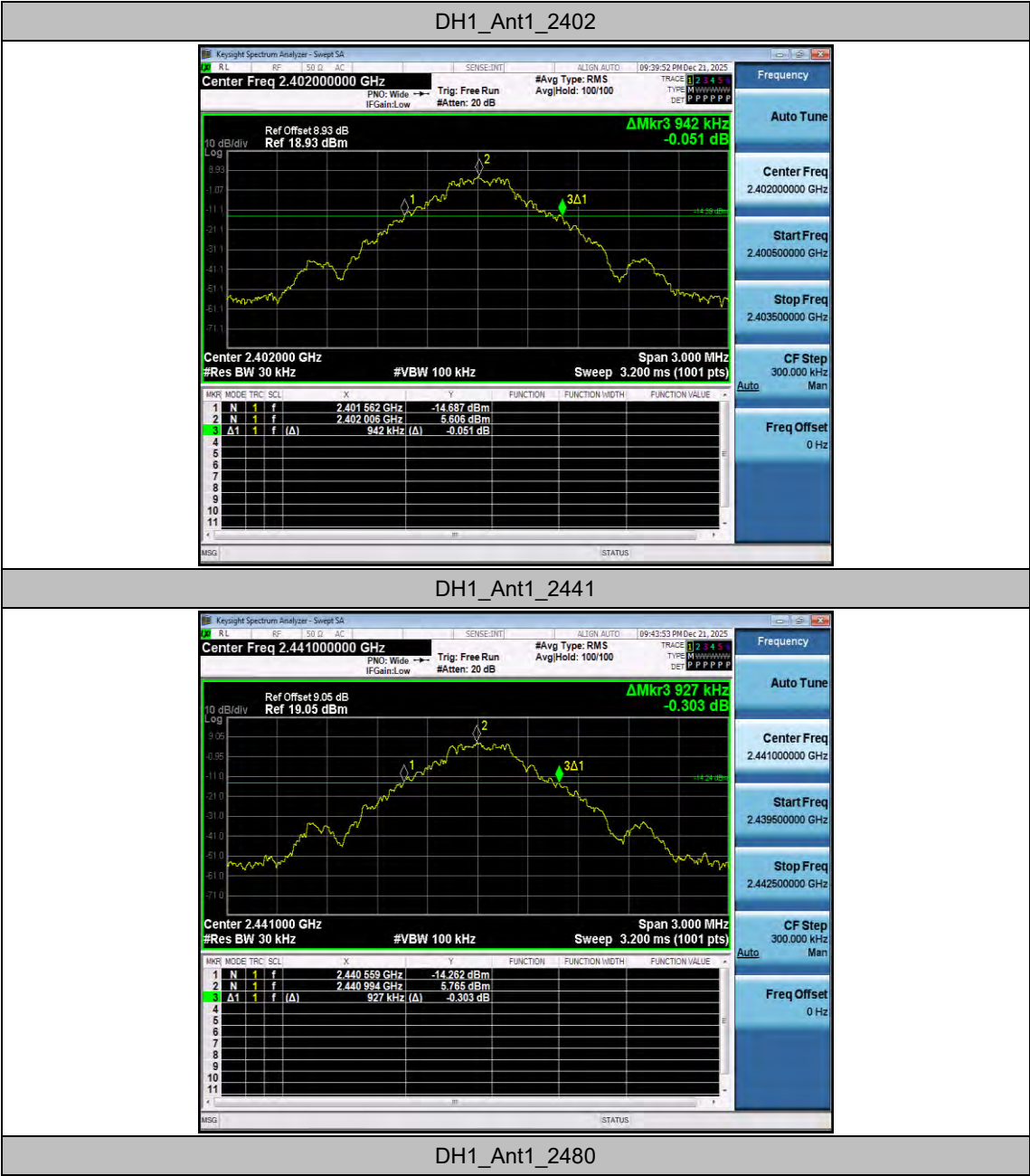
Case No. : <u>GTS20251122004-3-10</u>
Ambient Condition: <u>22</u> °C, <u>47</u> %RH
According Standard: ■Part15C
Test Date: <u>2025.12.15-2026.04.02</u> Test Engineer: <u>Evan ouyang</u>

AppendixA.1: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	0.942	2401.562	2402.504	---	---
		2441	0.927	2440.559	2441.486	---	---
		2480	0.930	2479.562	2480.492	---	---
2DH1	Ant1	2402	1.269	2401.376	2402.645	---	---
		2441	1.272	2440.379	2441.651	---	---
		2480	1.260	2479.379	2480.639	---	---
3DH1	Ant1	2402	1.215	2401.421	2402.636	---	---
		2441	1.248	2440.391	2441.639	---	---
		2480	1.251	2479.388	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	0.81966	2401.6044	2402.4241	---	---
		2441	0.82873	2440.6035	2441.4322	---	---
		2480	0.81188	2479.6099	2480.4218	---	---
2DH1	Ant1	2402	1.1507	2401.4346	2402.5853	---	---
		2441	1.1591	2440.4289	2441.5880	---	---
		2480	1.1574	2479.4300	2480.5874	---	---
3DH1	Ant1	2402	1.1440	2401.4511	2402.5951	---	---
		2441	1.1445	2440.4510	2441.5955	---	---
		2480	1.1440	2479.4496	2480.5936	---	---

Test Graphs

DH1_Ant1_2402



DH1_Ant1_2441



DH1_Ant1_2480



2DH1_Ant1_2402



2DH1_Ant1_2441



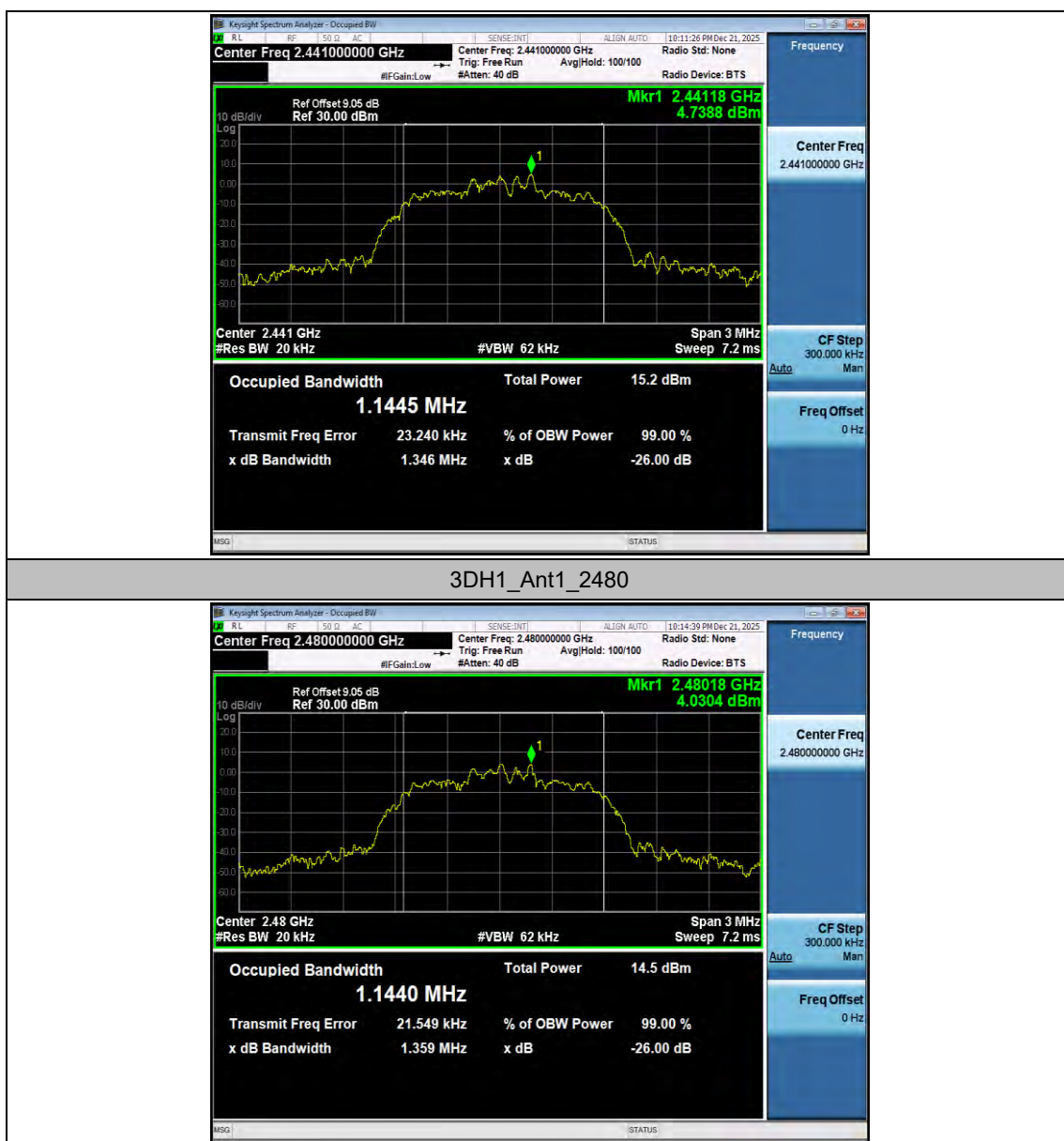
2DH1_Ant1_2480



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	9.22	≤ 20.97	PASS
		2441	10.07	≤ 20.97	PASS
		2480	9.42	≤ 20.97	PASS
2DH1	Ant1	2402	10.03	≤ 20.97	PASS
		2441	10.88	≤ 20.97	PASS
		2480	10.23	≤ 20.97	PASS
3DH1	Ant1	2402	10.73	≤ 20.97	PASS
		2441	11.53	≤ 20.97	PASS
		2480	10.94	≤ 20.97	PASS

AppendixA.4: Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH1	Ant1	Hop_2402	0.828	≥ 0.628	PASS
		Hop_2441	1.15	≥ 0.628	PASS
		Hop_2480	0.992	≥ 0.628	PASS
2DH1	Ant1	Hop_2402	1	≥ 0.848	PASS
		Hop_2441	0.996	≥ 0.848	PASS
		Hop_2480	1.002	≥ 0.848	PASS
3DH1	Ant1	Hop_2402	0.994	≥ 0.834	PASS
		Hop_2441	1.002	≥ 0.834	PASS
		Hop_2480	1.006	≥ 0.834	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

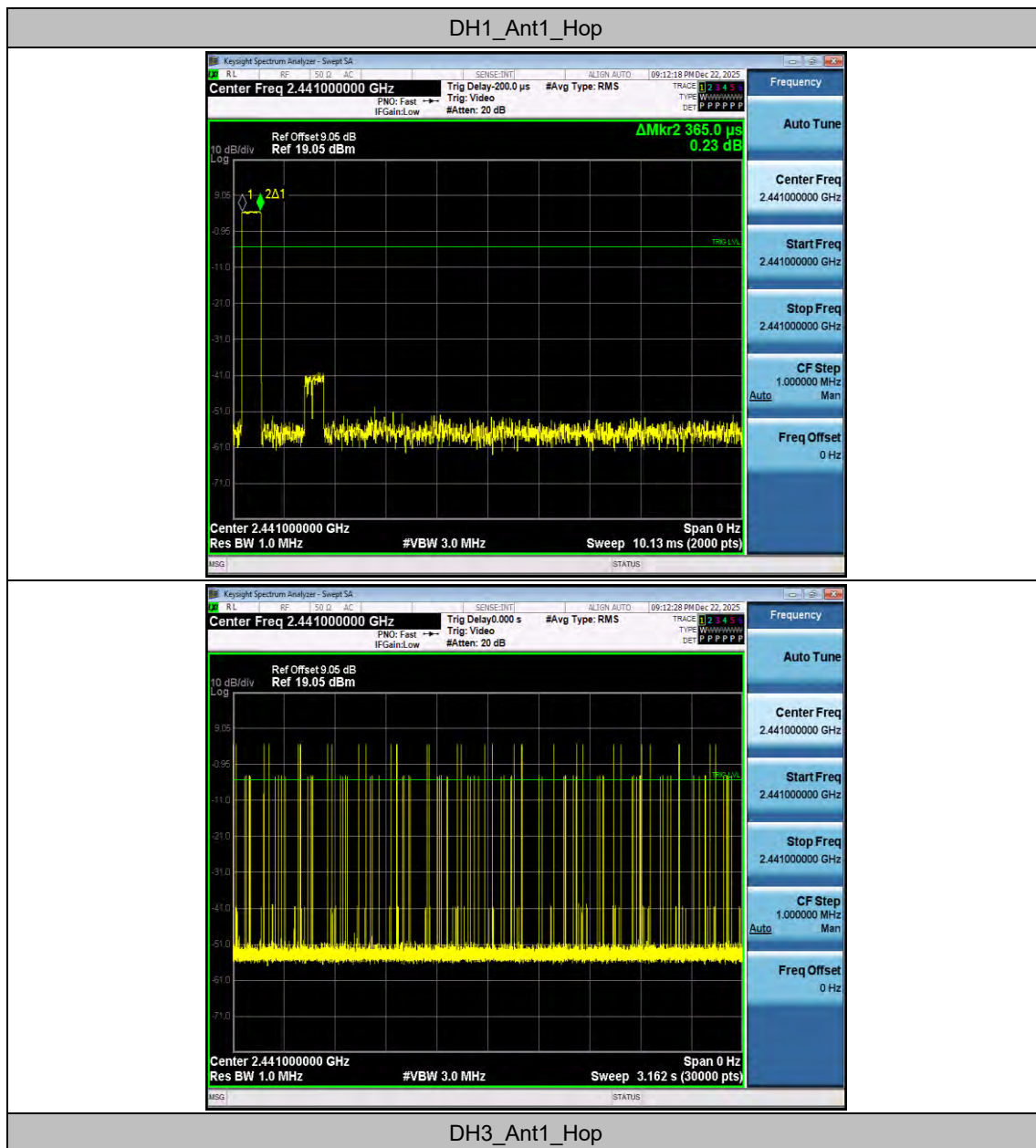


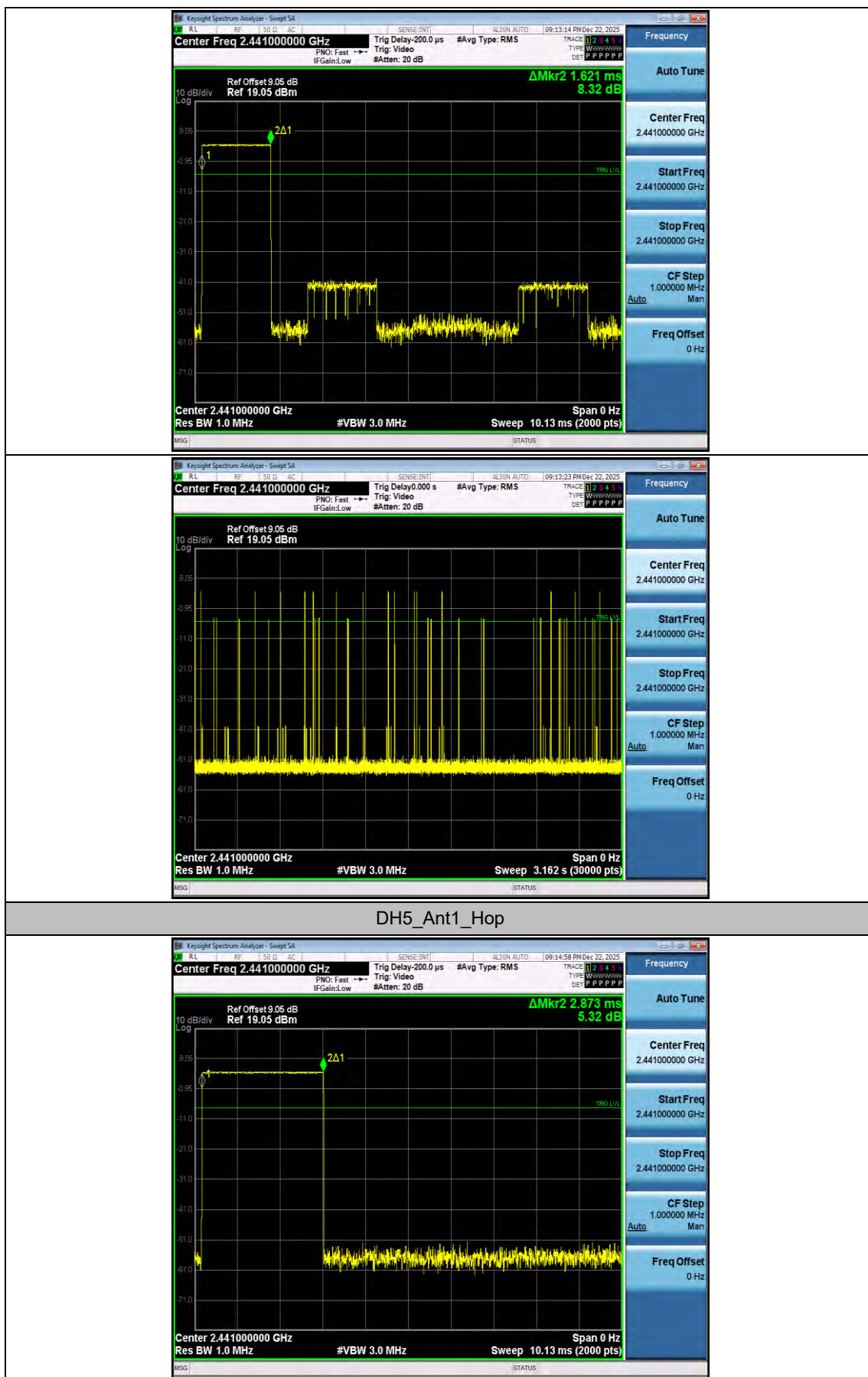
AppendixA.5: Time of occupancy

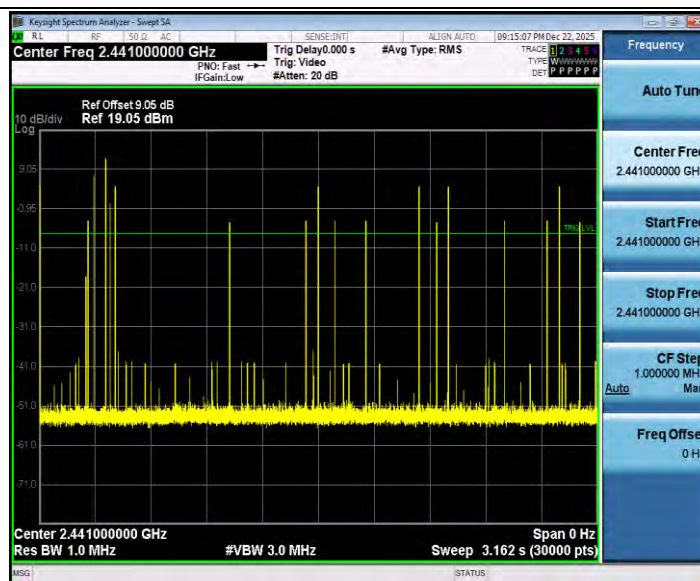
Test Result

TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.365	310	0.113	≤0.4	PASS
DH3	Ant1	Hop	1.621	160	0.259	≤0.4	PASS
DH5	Ant1	Hop	2.873	80	0.23	≤0.4	PASS
2DH1	Ant1	Hop	0.375	330	0.124	≤0.4	PASS
2DH3	Ant1	Hop	1.626	160	0.26	≤0.4	PASS
2DH5	Ant1	Hop	2.878	110	0.317	≤0.4	PASS
3DH1	Ant1	Hop	0.375	330	0.124	≤0.4	PASS
3DH3	Ant1	Hop	1.626	160	0.26	≤0.4	PASS
3DH5	Ant1	Hop	2.878	110	0.317	≤0.4	PASS

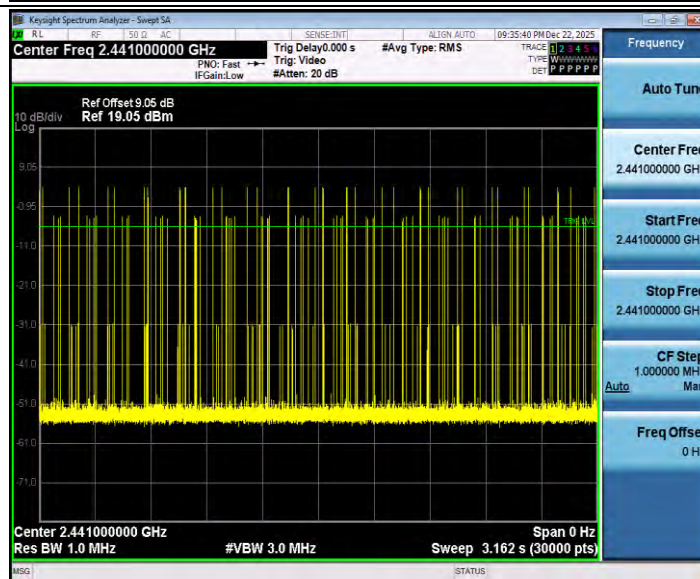
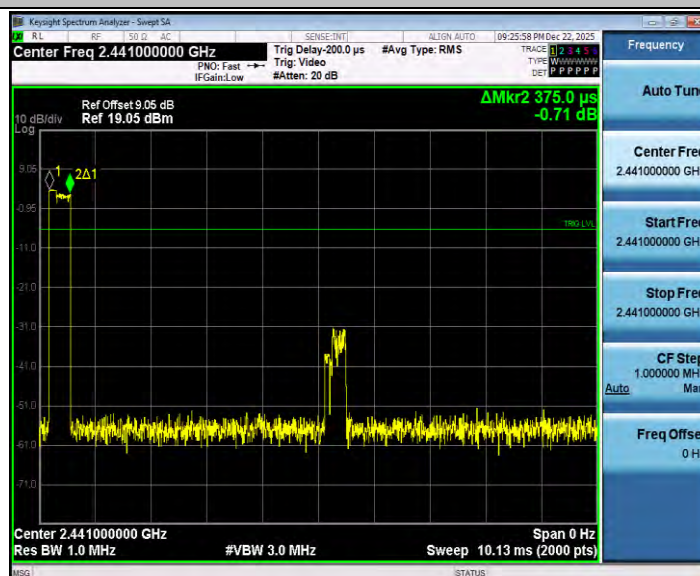
Test Graphs



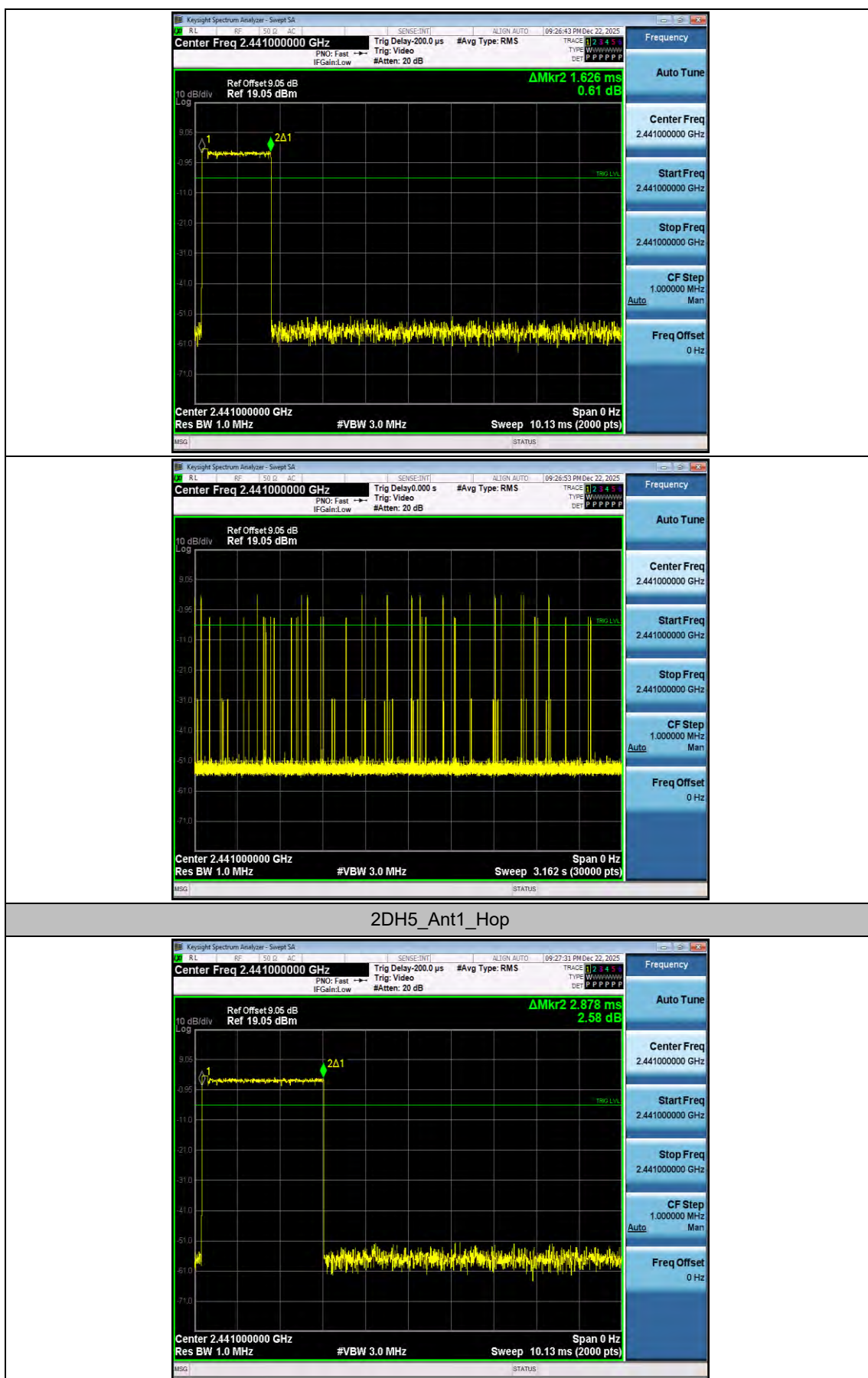


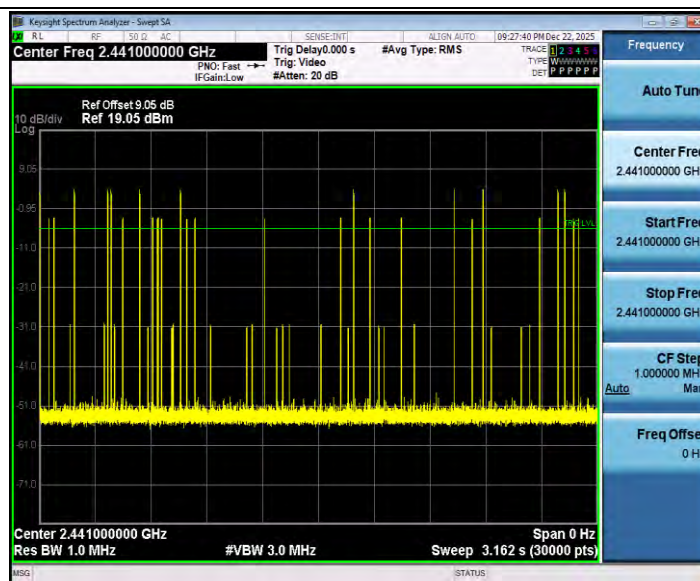


2DH1_Ant1_Hop

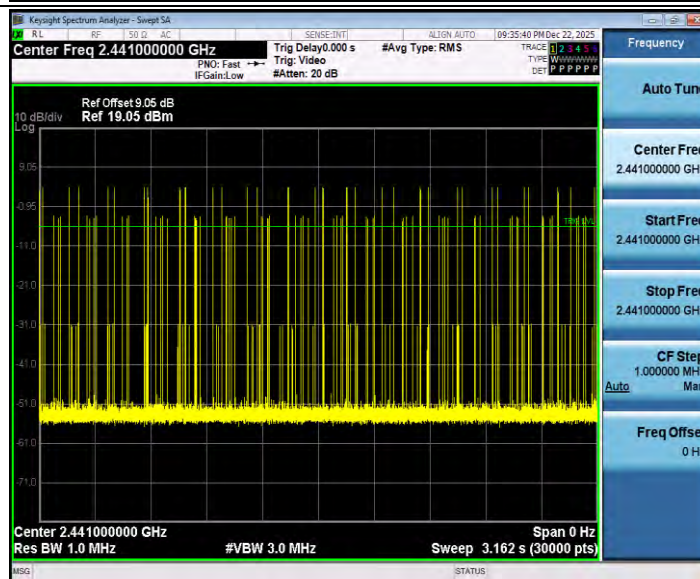
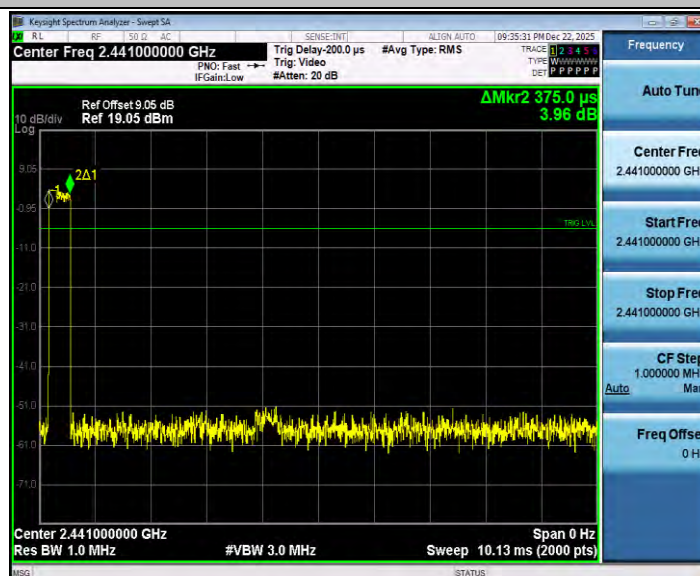


2DH3_Ant1_Hop

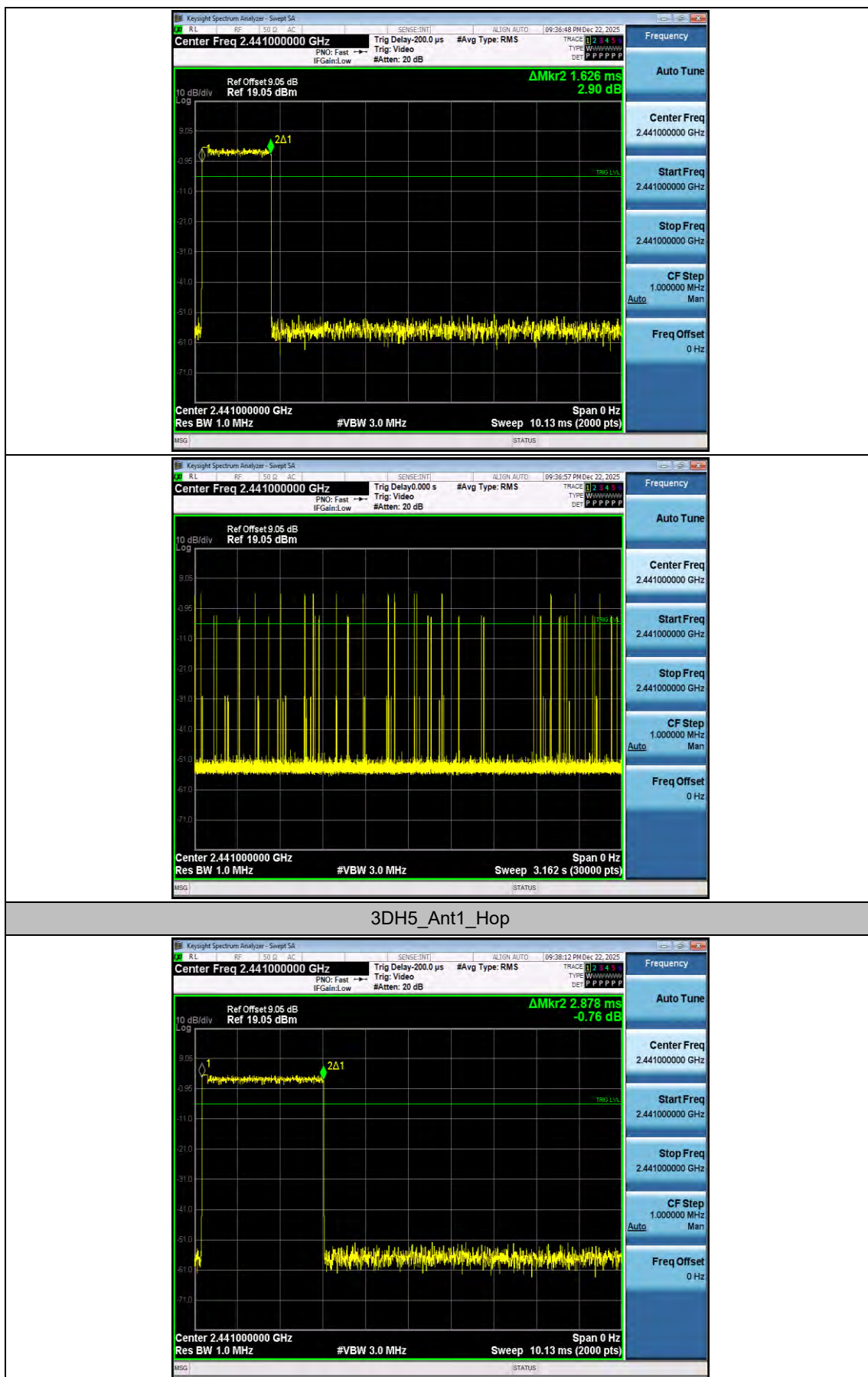




3DH1_Ant1_Hop



3DH3_Ant1_Hop

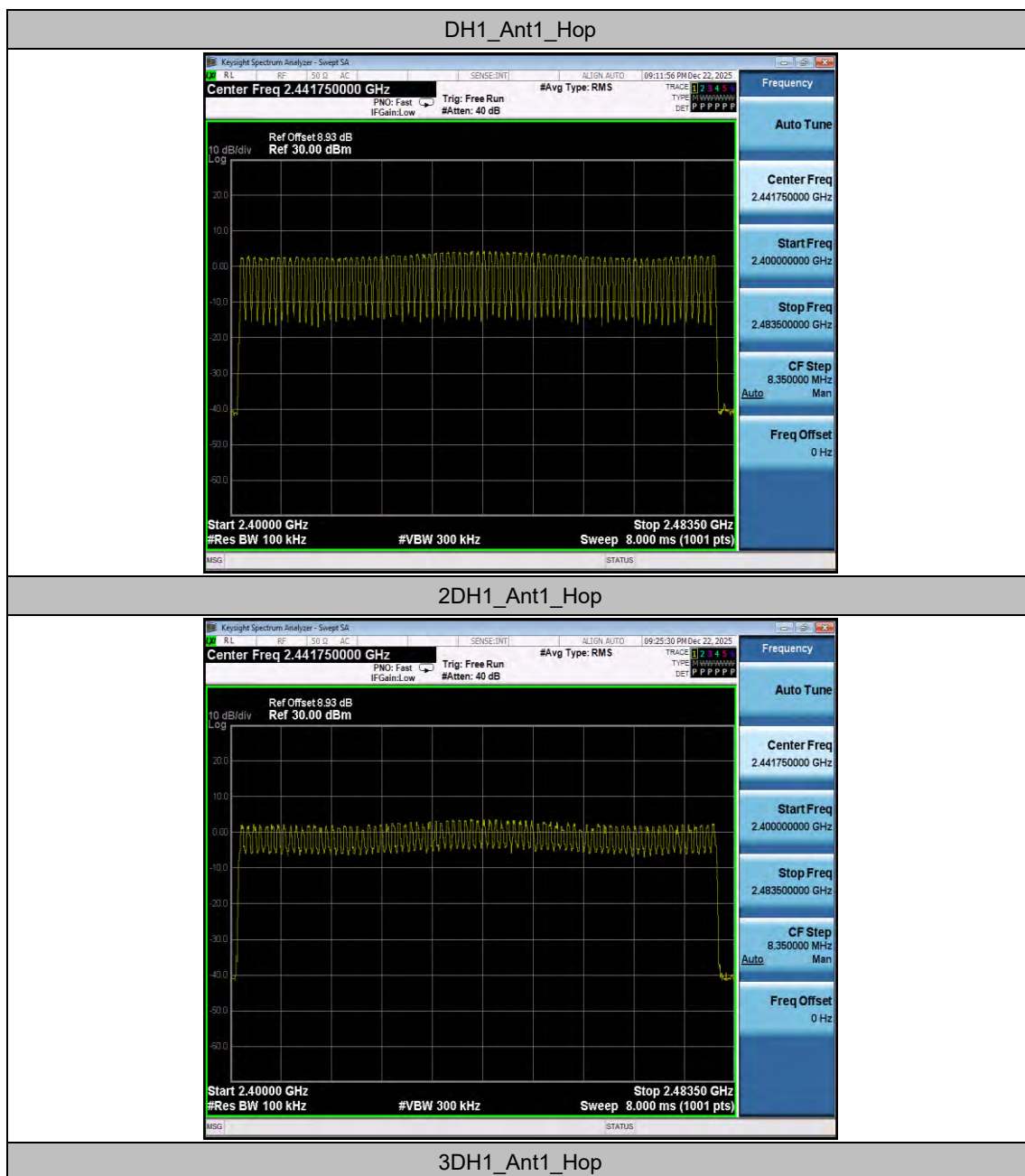


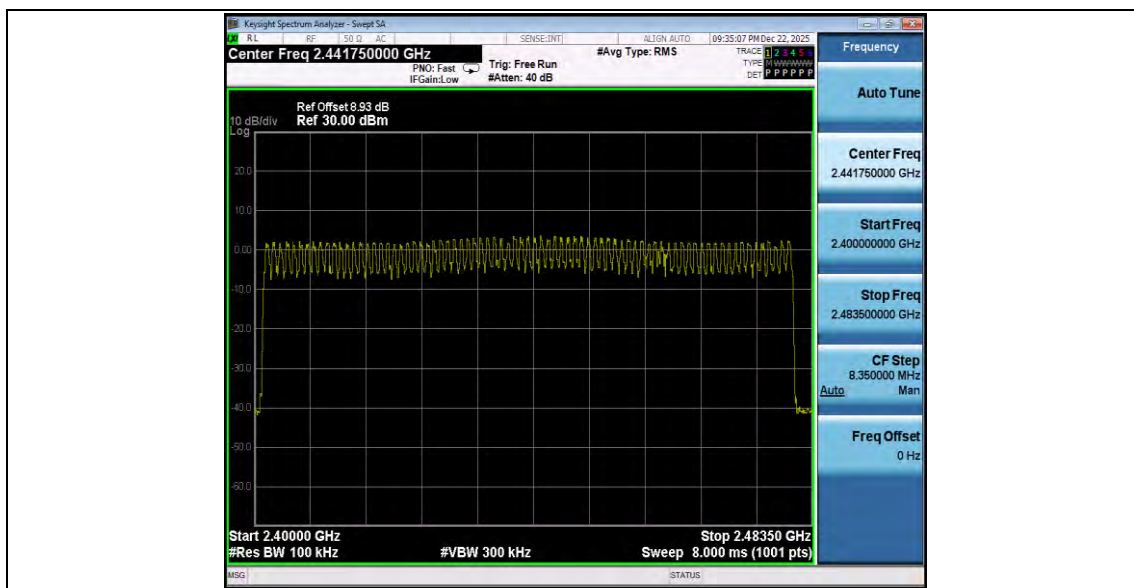


AppendixA.6: Number of hopping channels**Test Result**

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





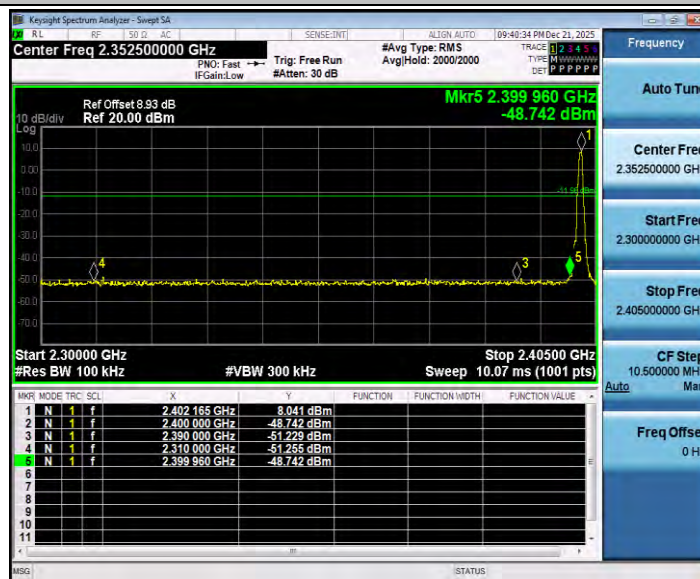
Appendix A.7: Band edge measurements

Test Result

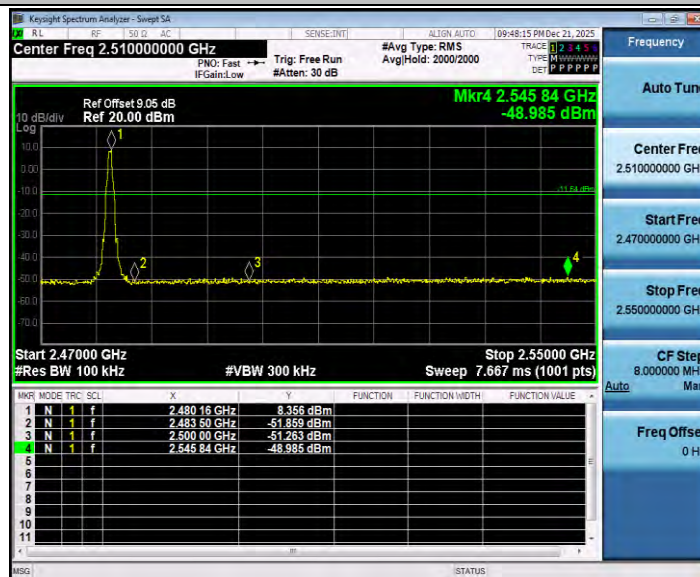
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	Low	2402	8.04	-48.74	≤ -11.96	PASS
		High	2480	8.36	-48.99	≤ -11.64	PASS
		Low	Hop_2402	2.61	-46.16	≤ -17.39	PASS
		High	Hop_2480	3.11	-48.33	≤ -16.89	PASS
2DH1	Ant1	Low	2402	7.75	-48.61	≤ -12.26	PASS
		High	2480	8.04	-48.81	≤ -11.96	PASS
		Low	Hop_2402	1.87	-49.81	≤ -18.13	PASS
		High	Hop_2480	1.37	-48.65	≤ -18.63	PASS
3DH1	Ant1	Low	2402	7.85	-48.06	≤ -12.15	PASS
		High	2480	8.15	-48.57	≤ -11.85	PASS
		Low	Hop_2402	1.81	-49.56	≤ -18.19	PASS
		High	Hop_2480	2.04	-48.44	≤ -17.96	PASS

Test Graphs

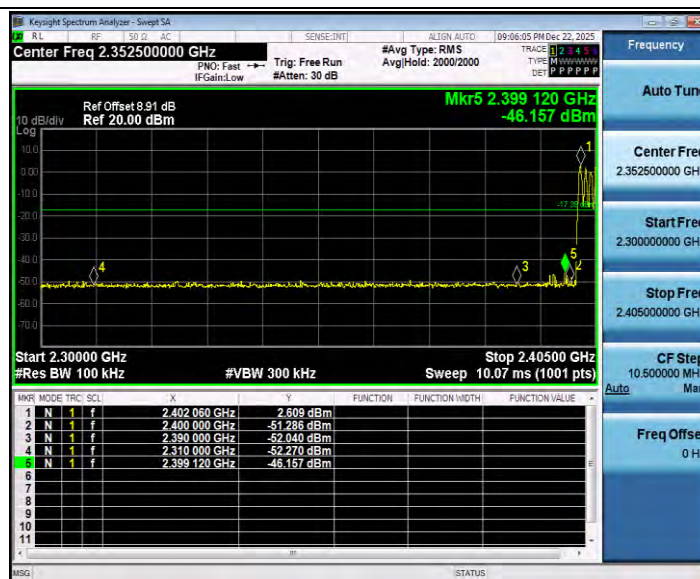
DH1_Ant1_Low_2402



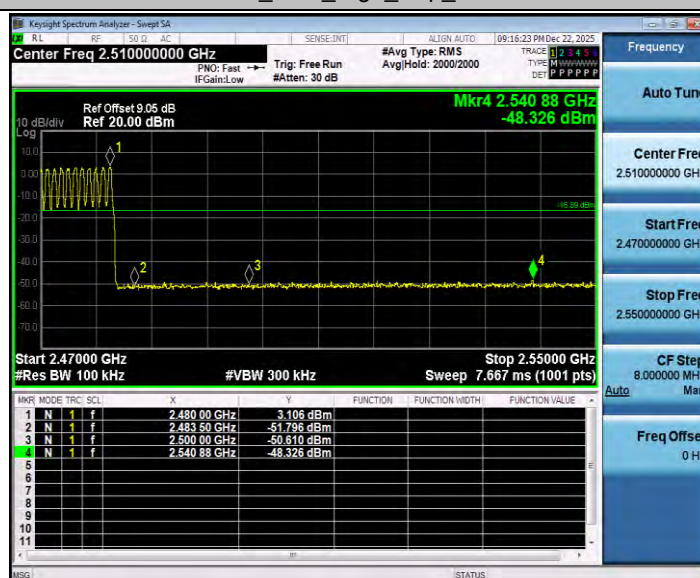
DH1_Ant1_High_2480



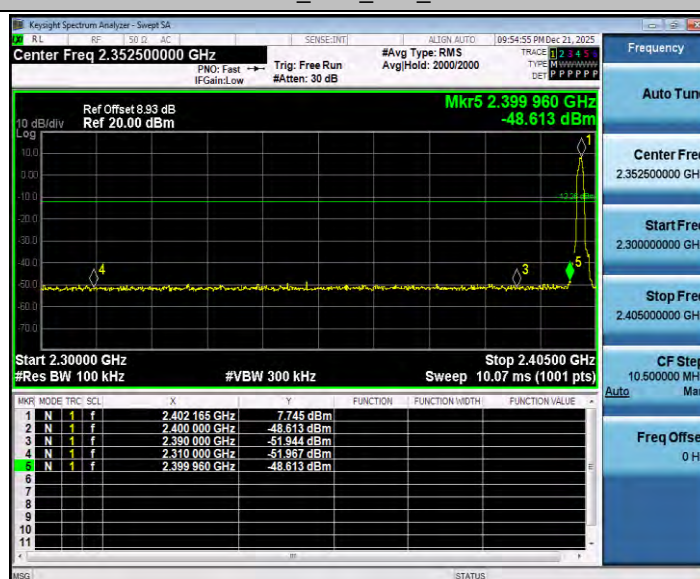
DH1_Ant1_Low_Hop_2402



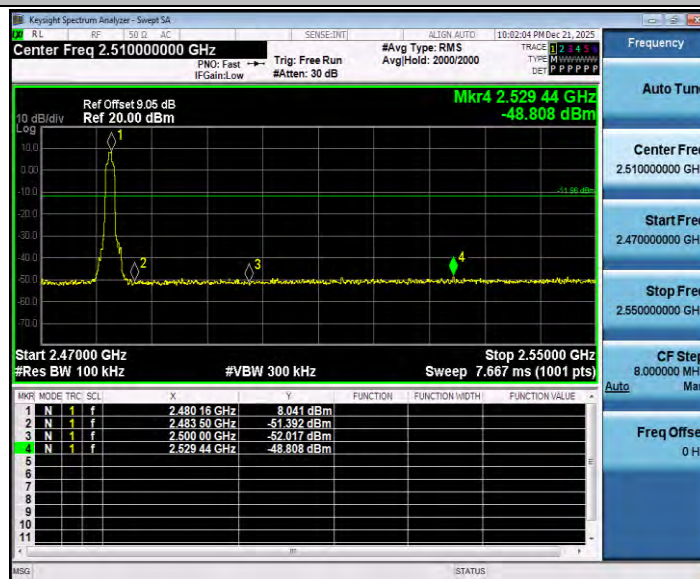
DH1_Ant1_High_Hop_2480



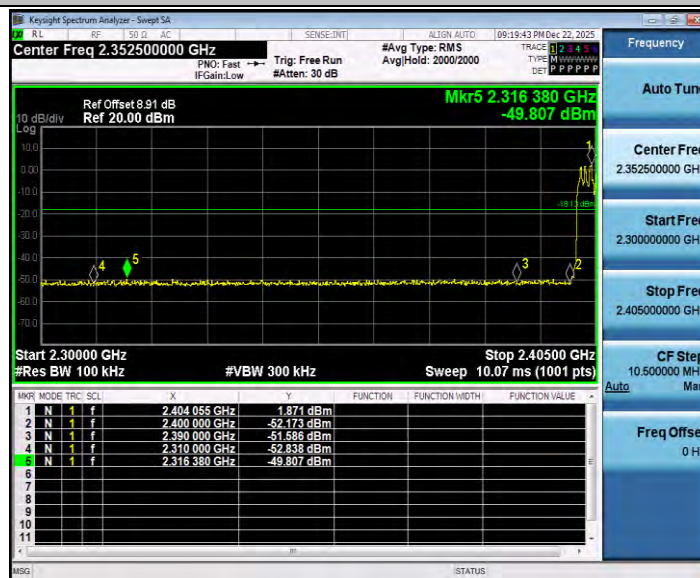
2DH1_Ant1_Low_2402



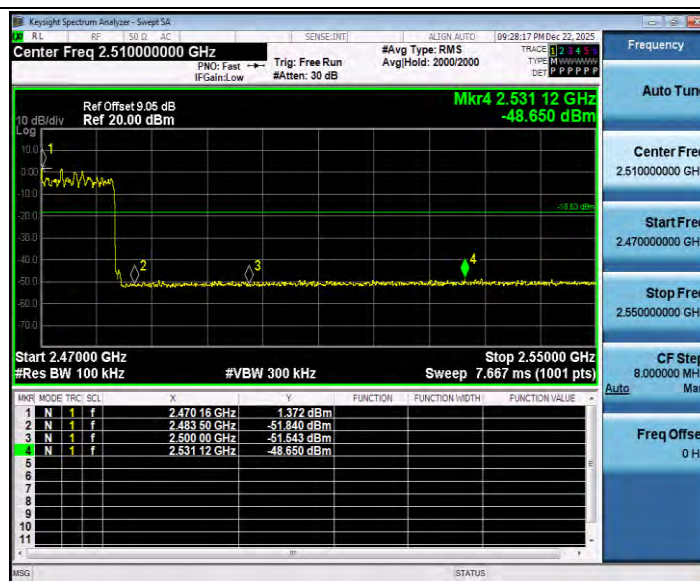
2DH1_Ant1_High_2480



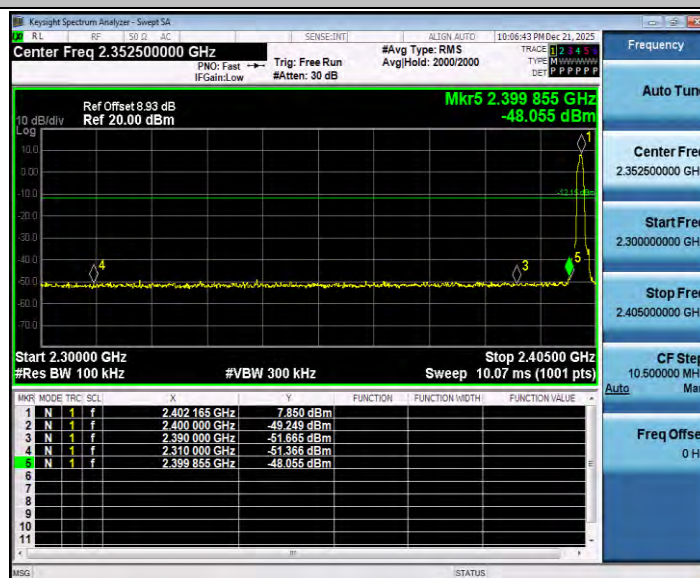
2DH1_Ant1_Low_Hop_2402



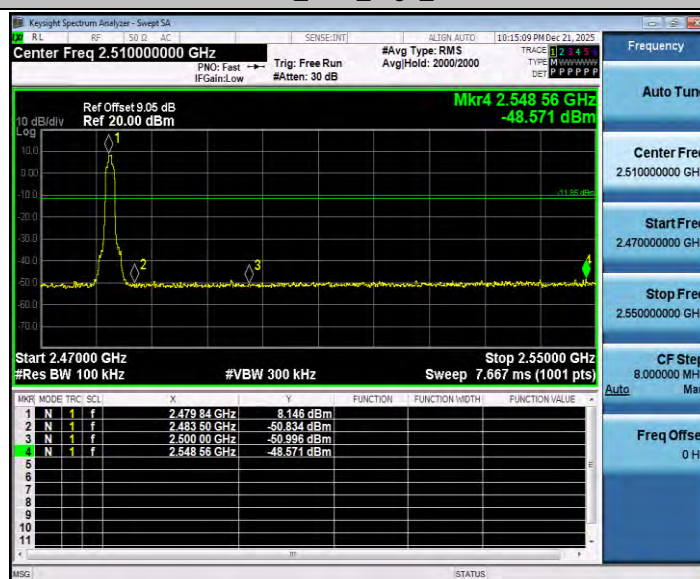
2DH1_Ant1_High_Hop_2480



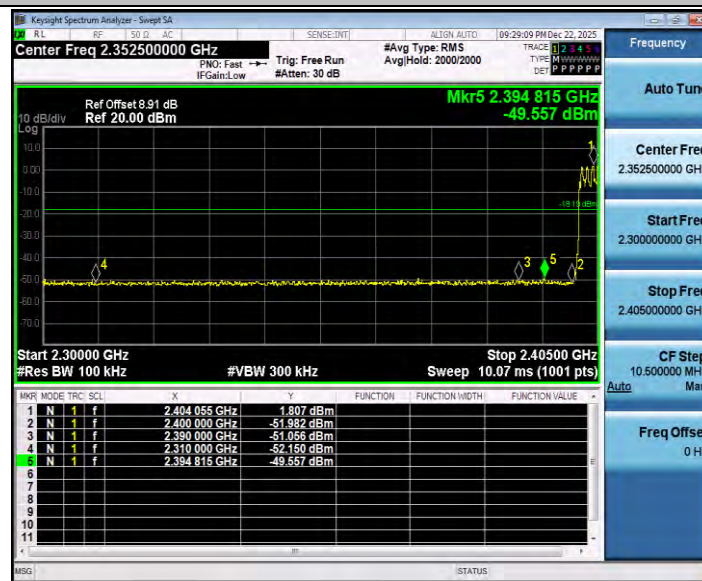
3DH1_Ant1_Low_2402



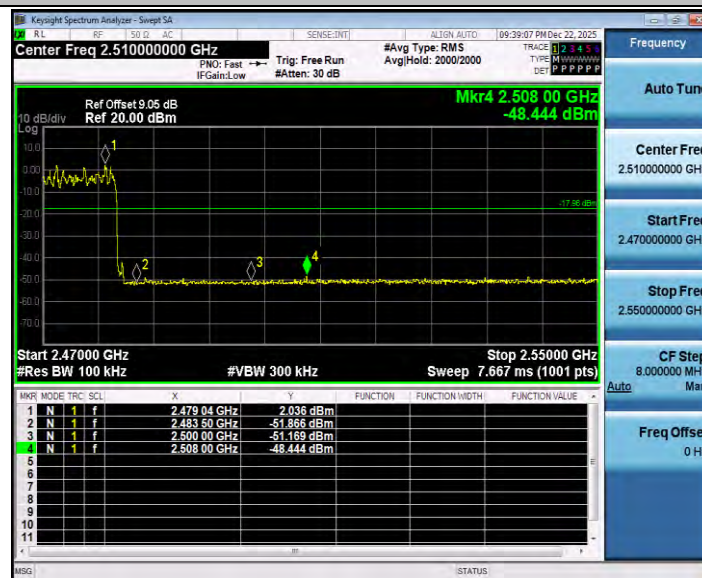
3DH1_Ant1_High_2480



3DH1_Ant1_Low_Hop_2402



3DH1_Ant1_High_Hop_2480

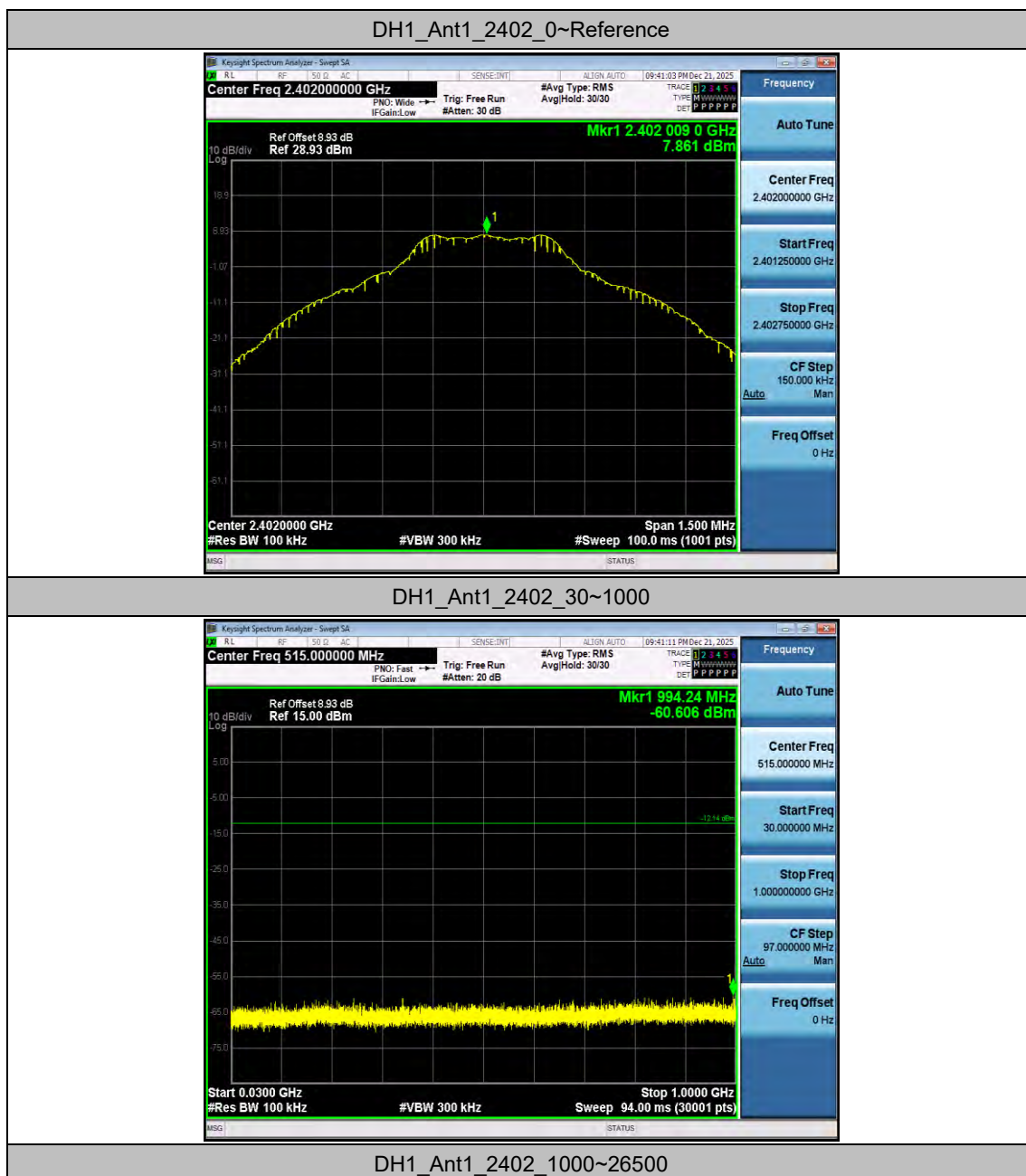


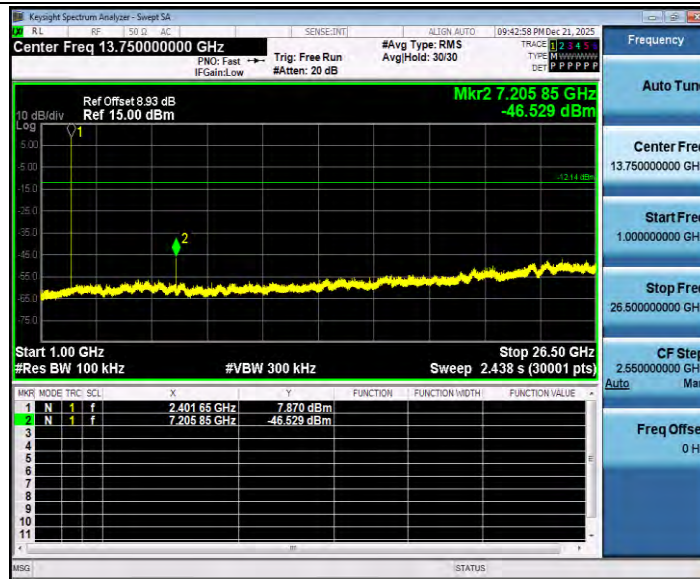
Appendix A.8: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	2402	Reference	7.86	7.86	---	PASS
			30~1000	7.86	-60.61	≤-12.14	PASS
			1000~26500	7.86	-46.53	≤-12.14	PASS
		2441	Reference	8.74	8.74	---	PASS
			30~1000	8.74	-59.44	≤-11.26	PASS
			1000~26500	8.74	-46.65	≤-11.26	PASS
		2480	Reference	8.13	8.13	---	PASS
			30~1000	8.13	-60.67	≤-11.87	PASS
			1000~26500	8.13	-47.26	≤-11.87	PASS
2DH1	Ant1	2402	Reference	7.68	7.68	---	PASS
			30~1000	7.68	-60.17	≤-12.32	PASS
			1000~26500	7.68	-45.86	≤-12.32	PASS
		2441	Reference	8.57	8.57	---	PASS
			30~1000	8.57	-60.31	≤-11.43	PASS
			1000~26500	8.57	-46.69	≤-11.43	PASS
		2480	Reference	8.00	8.00	---	PASS
			30~1000	8.00	-60.67	≤-12	PASS
			1000~26500	8.00	-45.51	≤-12	PASS
3DH1	Ant1	2402	Reference	7.80	7.80	---	PASS
			30~1000	7.80	-60.68	≤-12.2	PASS
			1000~26500	7.80	-46.36	≤-12.2	PASS
		2441	Reference	8.68	8.68	---	PASS
			30~1000	8.68	-60.62	≤-11.32	PASS
			1000~26500	8.68	-47.13	≤-11.32	PASS
		2480	Reference	8.07	8.07	---	PASS
			30~1000	8.07	-60.15	≤-11.93	PASS
			1000~26500	8.07	-46.52	≤-11.93	PASS

Test Graphs

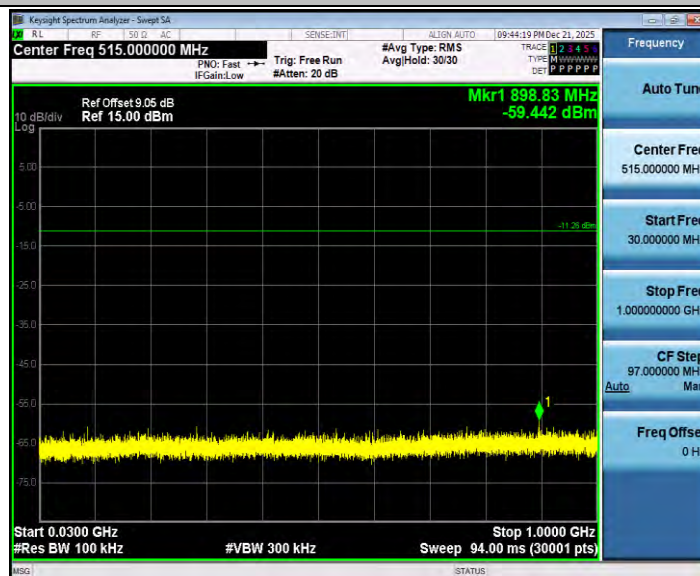




DH1_Ant1_2441_0~Reference



DH1_Ant1_2441_30~1000



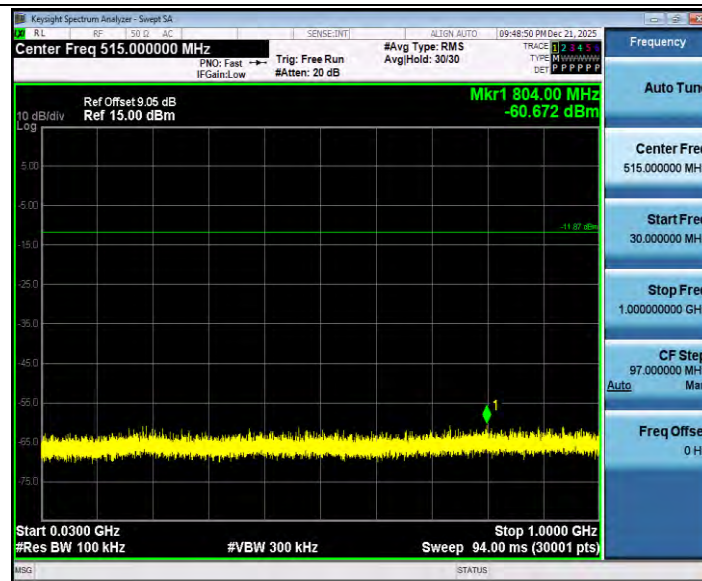
DH1_Ant1_2441_1000~26500



DH1_Ant1_2480_0~Reference



DH1_Ant1_2480_30~1000

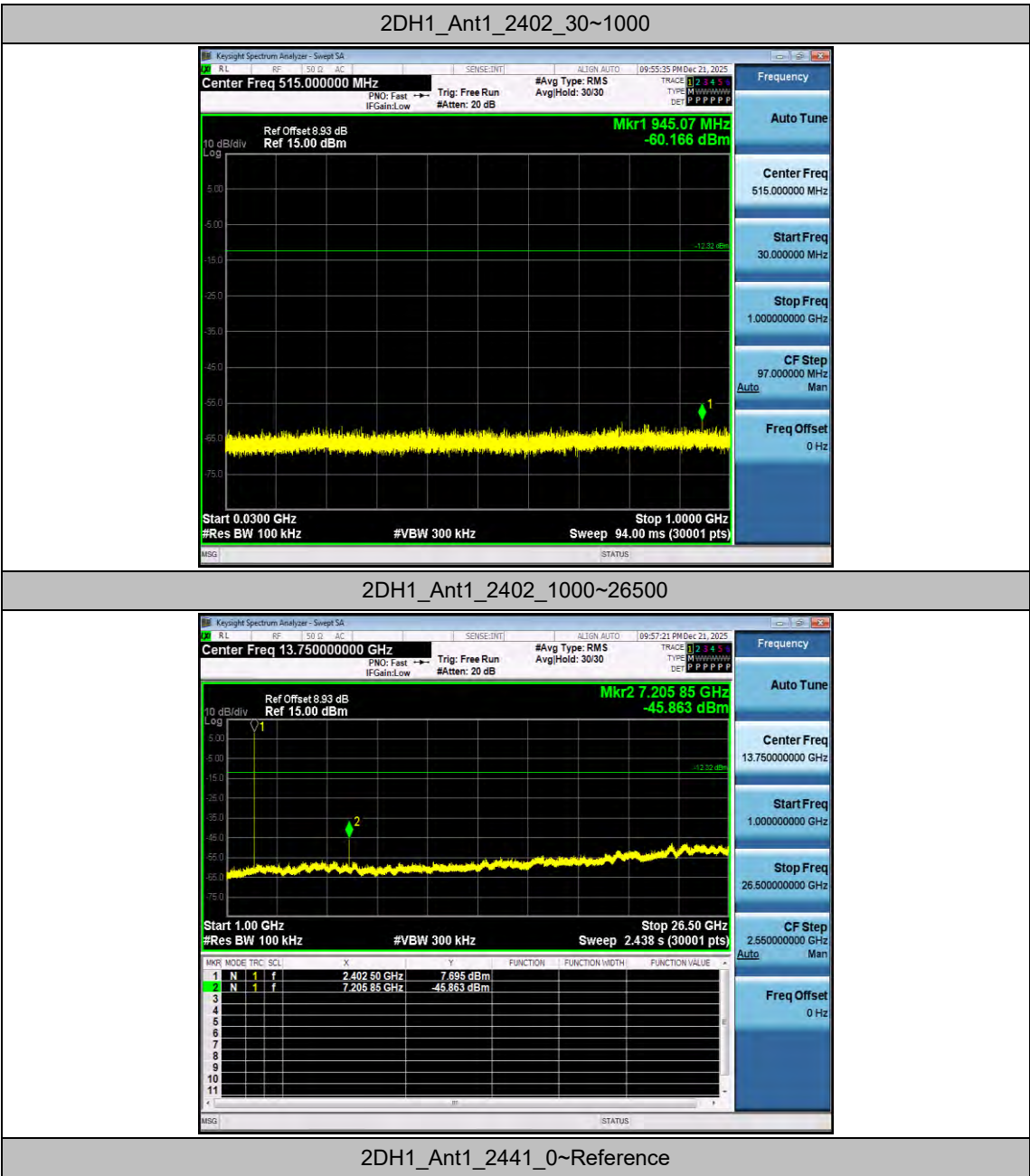


DH1_Ant1_2480_1000~26500



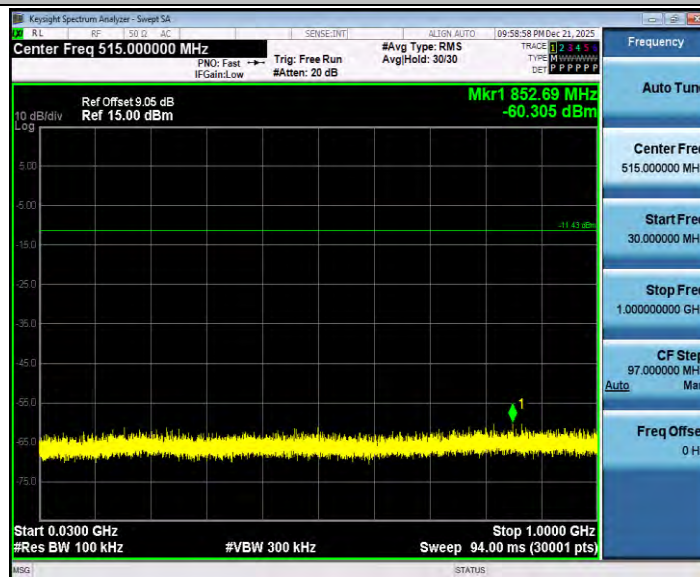
2DH1_Ant1_2402_0~Reference



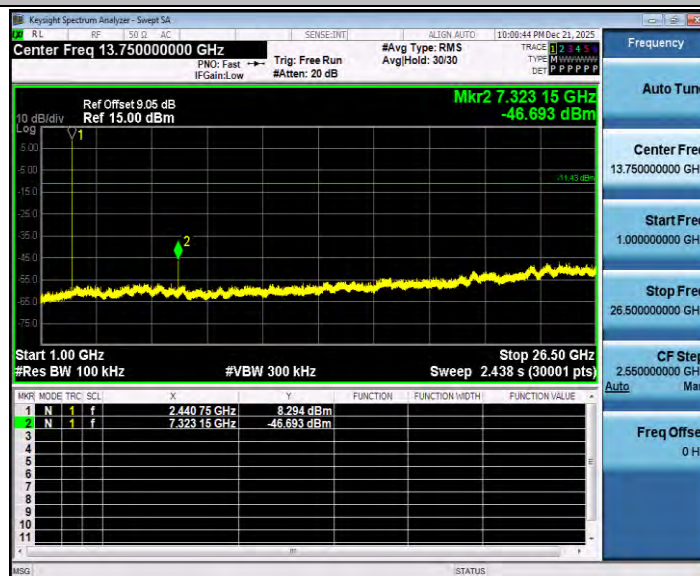




2DH1_Ant1_2441_30~1000



2DH1_Ant1_2441_1000~26500



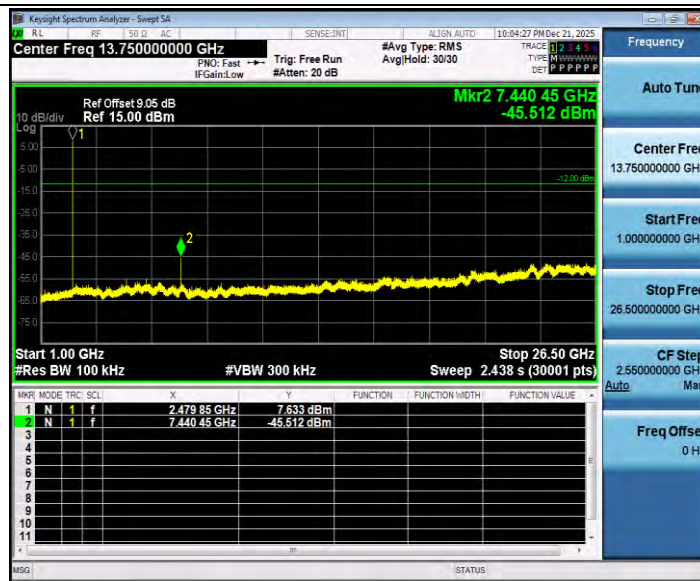
2DH1_Ant1_2480_0~Reference



2DH1_Ant1_2480_30~1000



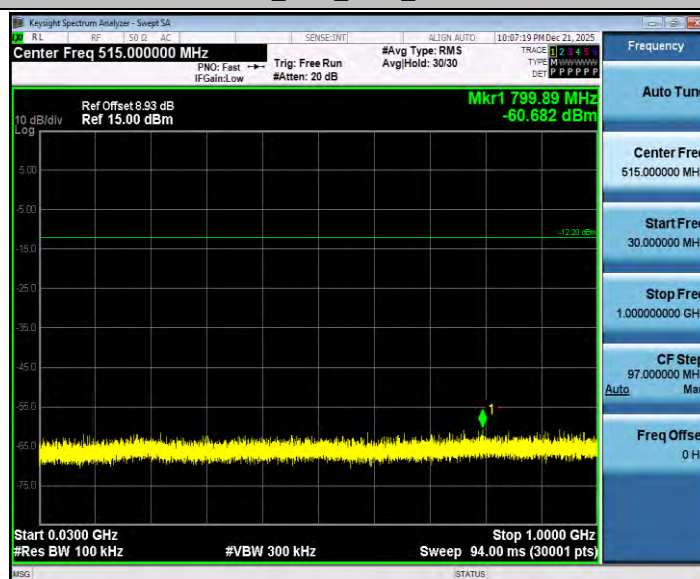
2DH1_Ant1_2480_1000~26500



3DH1_Ant1_2402_0~Reference



3DH1_Ant1_2402_30~1000



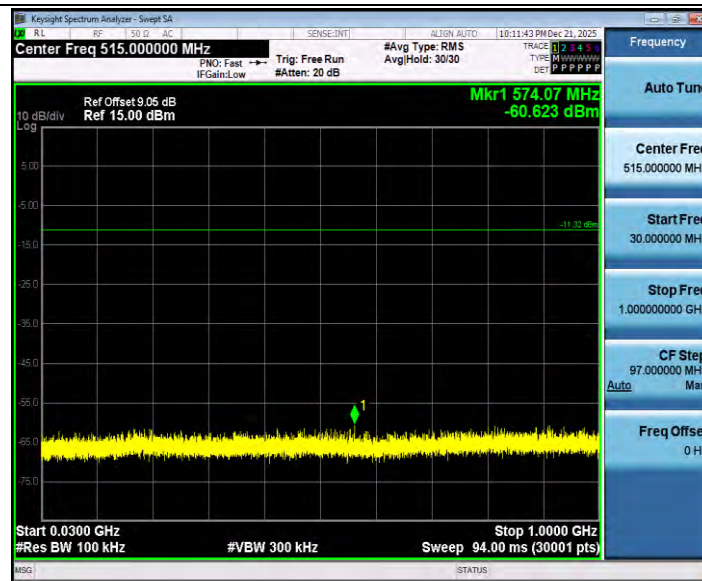
3DH1_Ant1_2402_1000~26500



3DH1_Ant1_2441_0~Reference



3DH1_Ant1_2441_30~1000



3DH1_Ant1_2441_1000~26500



3DH1_Ant1_2480_0~Reference



