

Case No. : <u>GTS20260225003-4-09</u>	
Ambient Condition: <u>25</u> °C, <u>52</u> %RH	
According Standard: ■Part15C	
Test Date: <u>2026.4.14</u>	Test Engineer: <u>Evan ouyang</u>

Appendix A.1: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	1.020	2401.502	2402.522	---	---
		2441	1.011	2440.523	2441.534	---	---
		2480	0.972	2479.514	2480.486	---	---
2DH1	Ant1	2402	1.344	2401.334	2402.678	---	---
		2441	1.353	2440.343	2441.696	---	---
		2480	1.353	2479.334	2480.687	---	---
3DH1	Ant1	2402	1.347	2401.337	2402.684	---	---
		2441	1.359	2440.334	2441.693	---	---
		2480	1.353	2479.334	2480.687	---	---



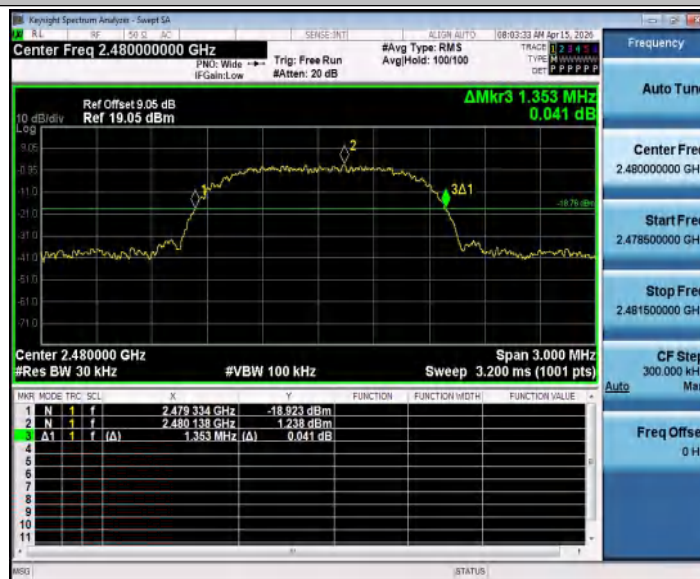
2DH1_Ant1_2402



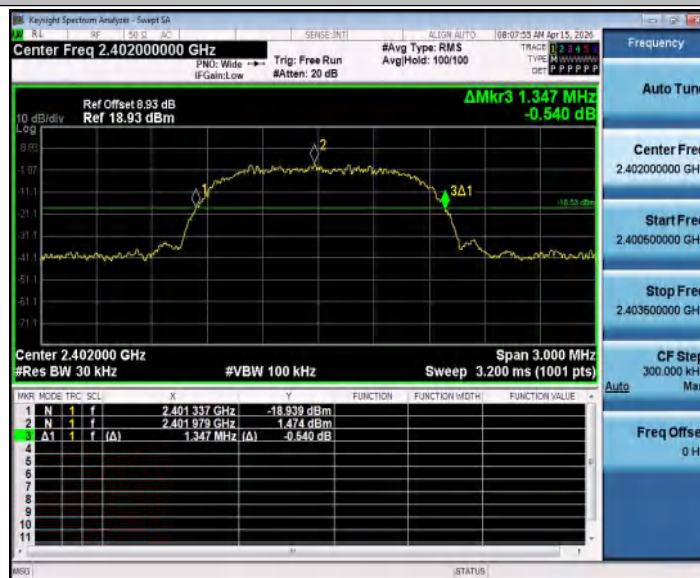
2DH1_Ant1_2441



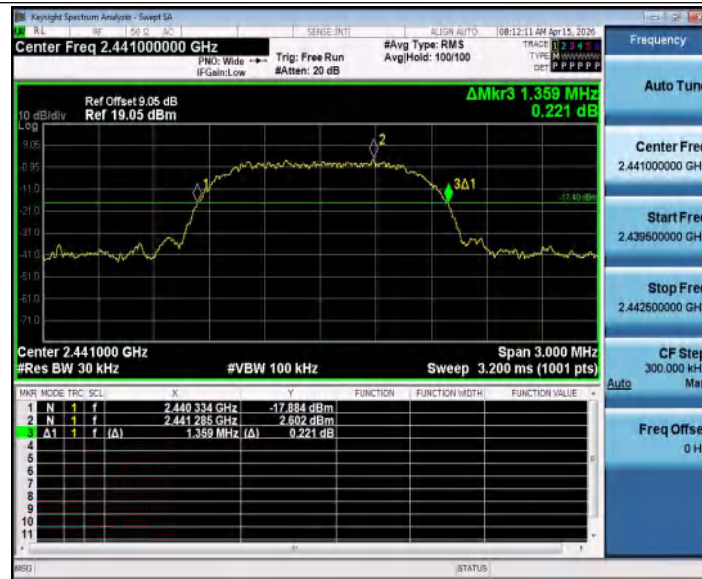
2DH1_Ant1_2480



3DH1_Ant1_2402



3DH1_Ant1_2441



3D1_Ant1_2480



Appendix A.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	0.87390	2401.5732	2402.4471	---	---
		2441	0.88547	2440.5671	2441.4526	---	---
		2480	0.88736	2479.5674	2480.4547	---	---
2DH1	Ant1	2402	1.1972	2401.4137	2402.6109	---	---
		2441	1.1873	2440.4159	2441.6032	---	---
		2480	1.2020	2479.4112	2480.6132	---	---
3DH1	Ant1	2402	1.1917	2401.4151	2402.6068	---	---
		2441	1.1946	2440.4168	2441.6114	---	---
		2480	1.1982	2479.4155	2480.6137	---	---

Test Graphs





2DH1_Ant1_2402



2DH1_Ant1_2441



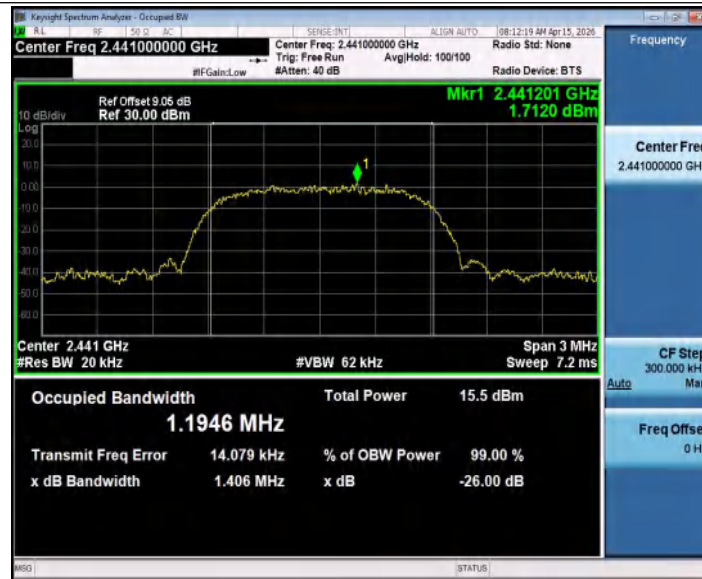
2DH1_Ant1_2480



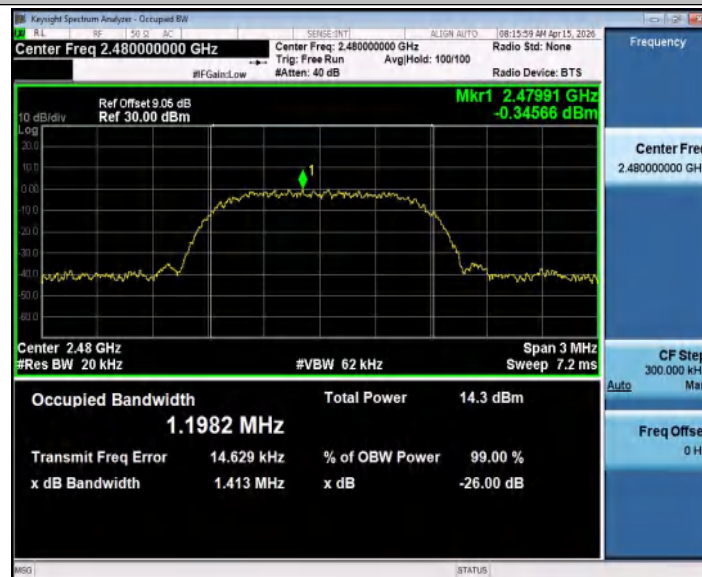
3DH1_Ant1_2402



3DH1_Ant1_2441



3DH1_Ant1_2480



Appendix A.3: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH1	Ant1	2402	7.89	≤ 20.97	PASS
		2441	9.05	≤ 20.97	PASS
		2480	7.64	≤ 20.97	PASS
2DH1	Ant1	2402	9.12	≤ 20.97	PASS
		2441	10.68	≤ 20.97	PASS
		2480	9.67	≤ 20.97	PASS
3DH1	Ant1	2402	9.68	≤ 20.97	PASS
		2441	10.87	≤ 20.97	PASS
		2480	9.81	≤ 20.97	PASS

Appendix A.4: Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH1	Ant1	Hop_2402	0.986	≥ 0.680	PASS
		Hop_2441	1.01	≥ 0.680	PASS
		Hop_2480	1.01	≥ 0.680	PASS
2DH1	Ant1	Hop_2402	1.154	≥ 0.902	PASS
		Hop_2441	1.008	≥ 0.902	PASS
		Hop_2480	1.012	≥ 0.902	PASS
3DH1	Ant1	Hop_2402	1.006	≥ 0.906	PASS
		Hop_2441	1.166	≥ 0.906	PASS
		Hop_2480	0.994	≥ 0.906	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



3DH1_Ant1_Hop_2480

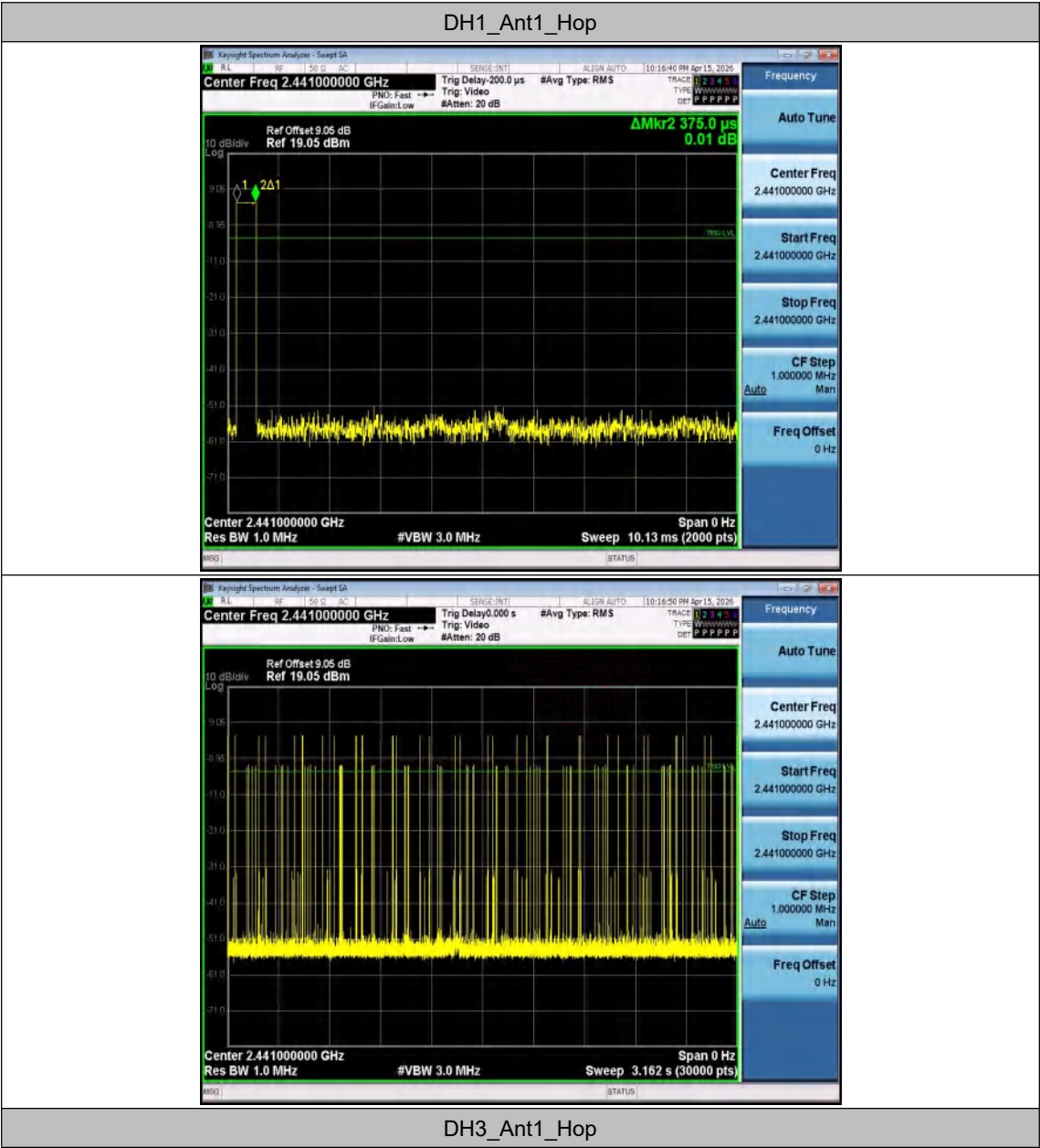


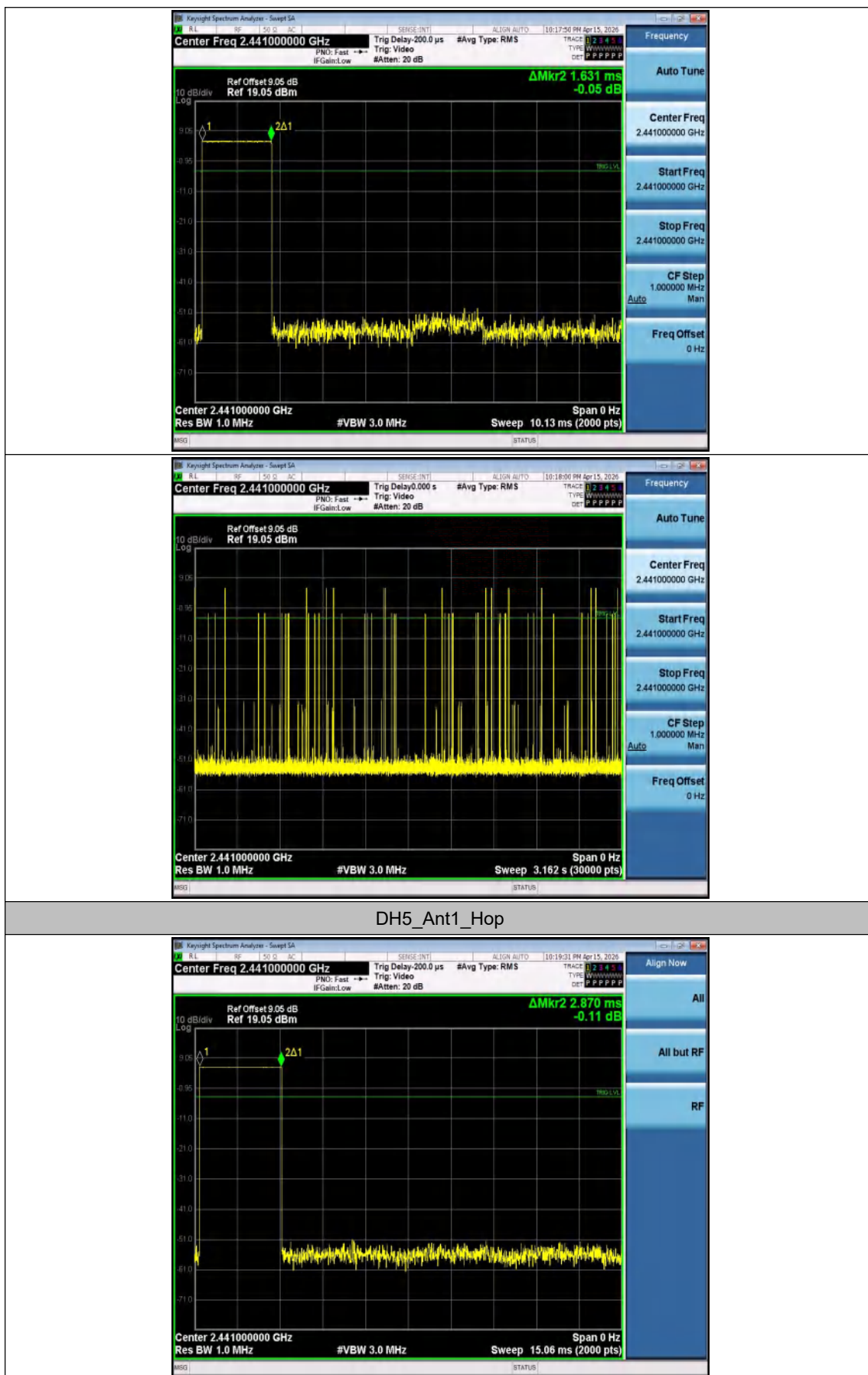
Appendix A.5: Time of occupancy

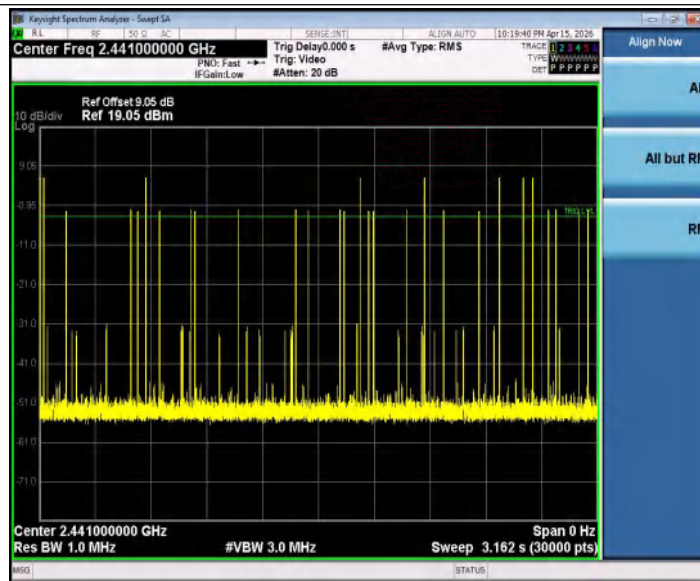
Test Result

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	150	0.245	≤0.4	PASS
DH5	Ant1	Hop	2.870	80	0.23	≤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	100	0.288	≤0.4	PASS
3DH1	Ant1	Hop	0.385	330	0.127	≤0.4	PASS
3DH3	Ant1	Hop	1.637	40	0.065	≤0.4	PASS
3DH5	Ant1	Hop	2.883	100	0.288	≤0.4	PASS

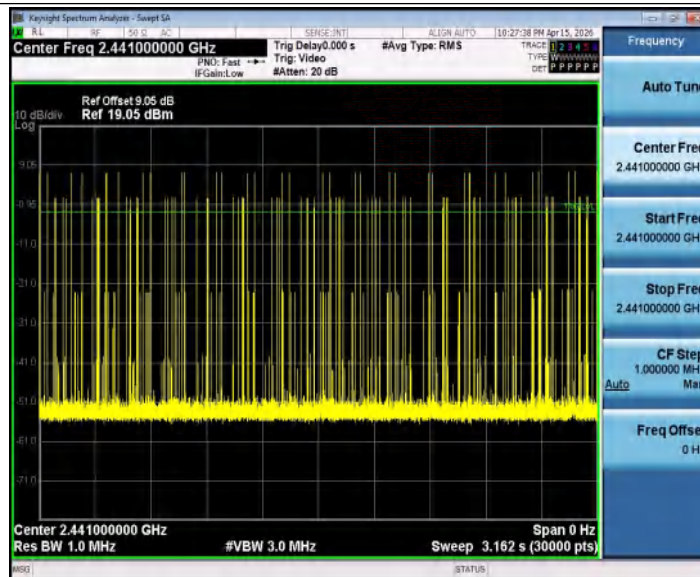
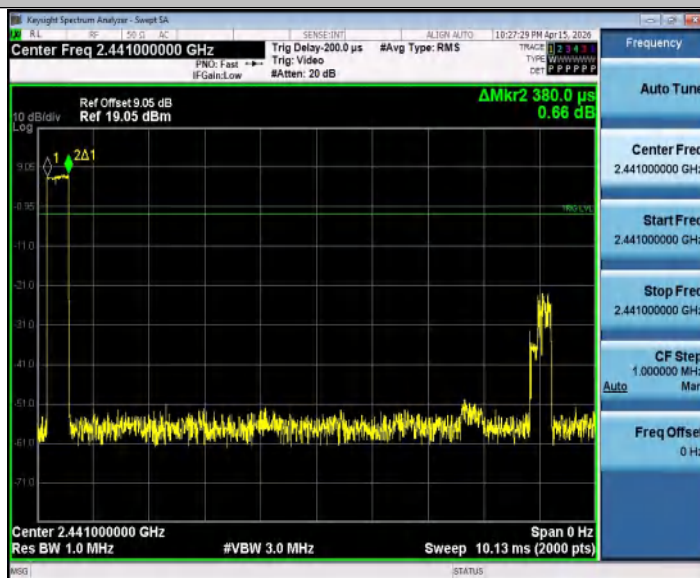
Test Graphs



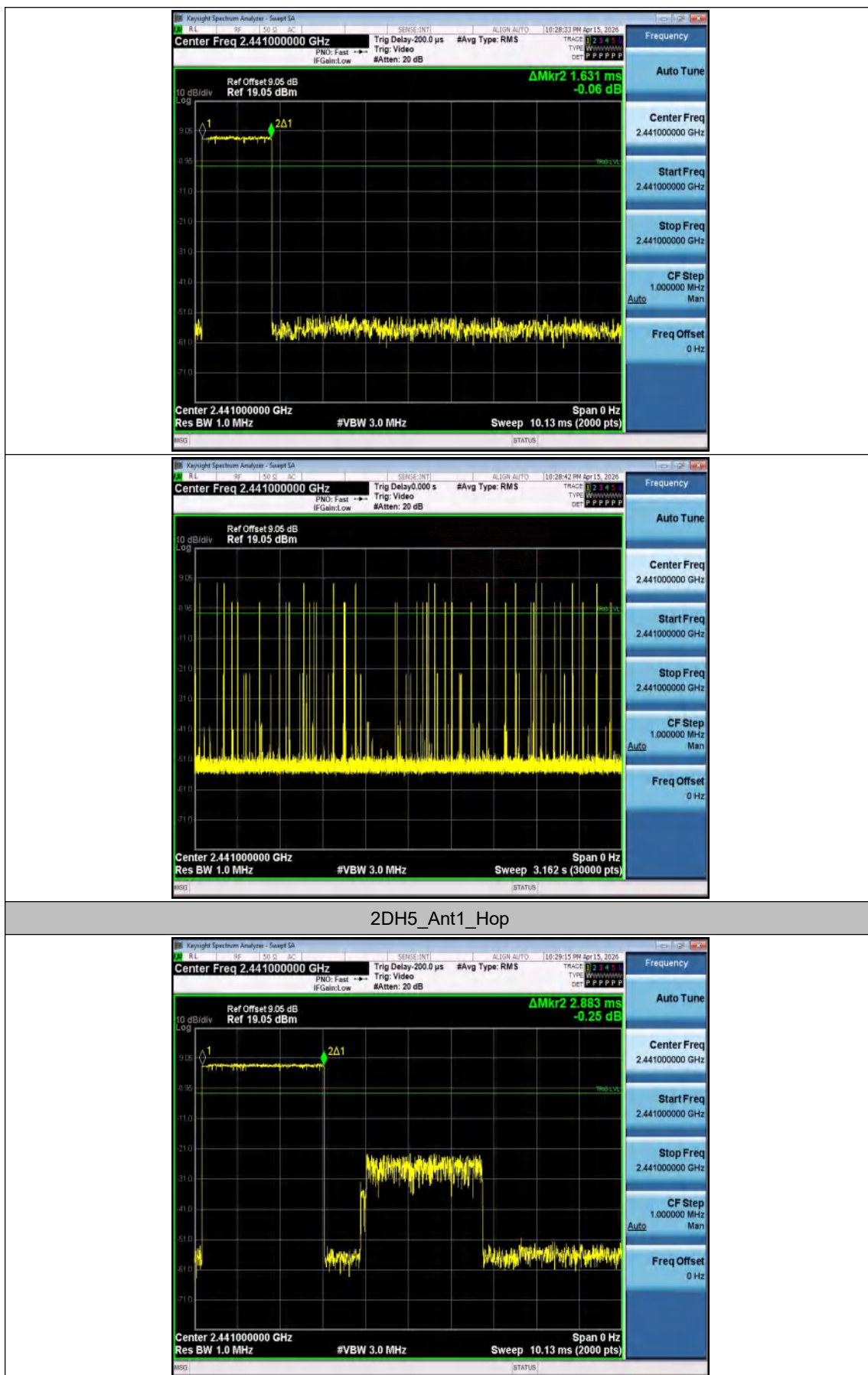


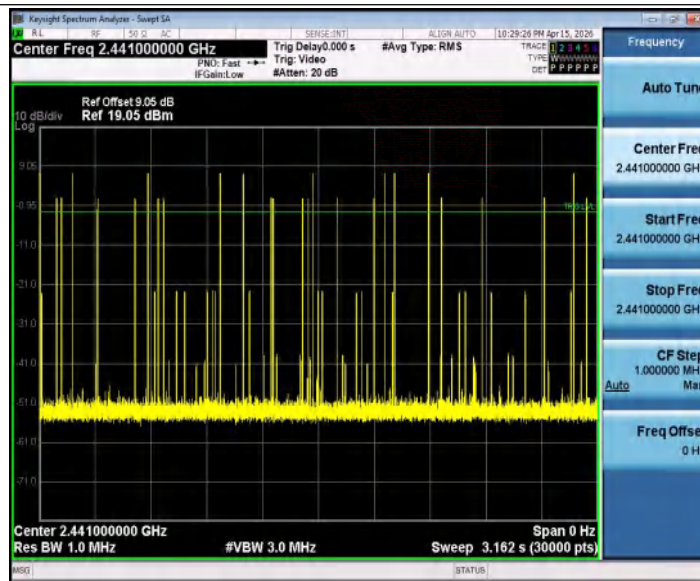


2DH1_Ant1_Hop

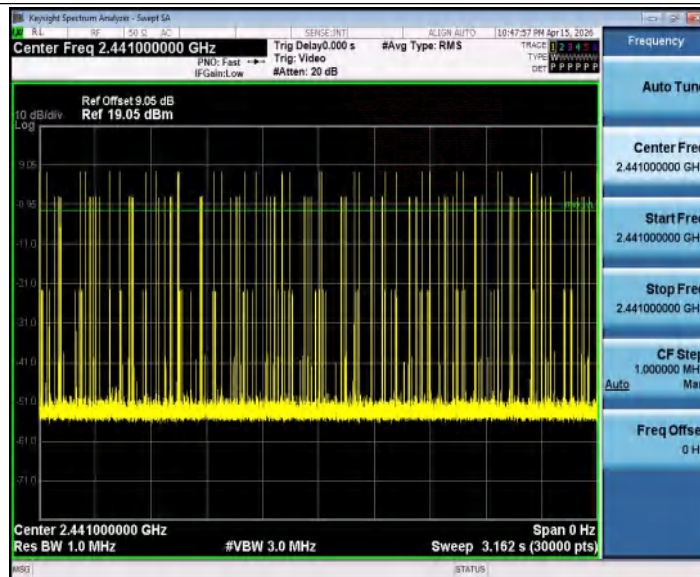
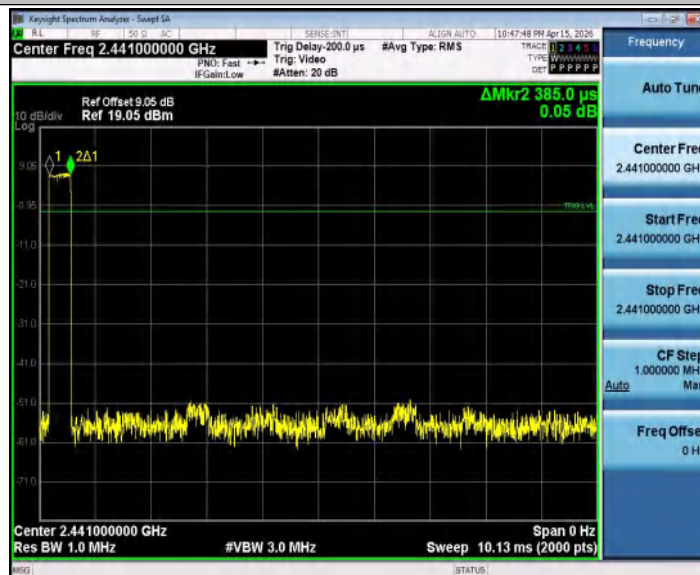


2DH3_Ant1_Hop

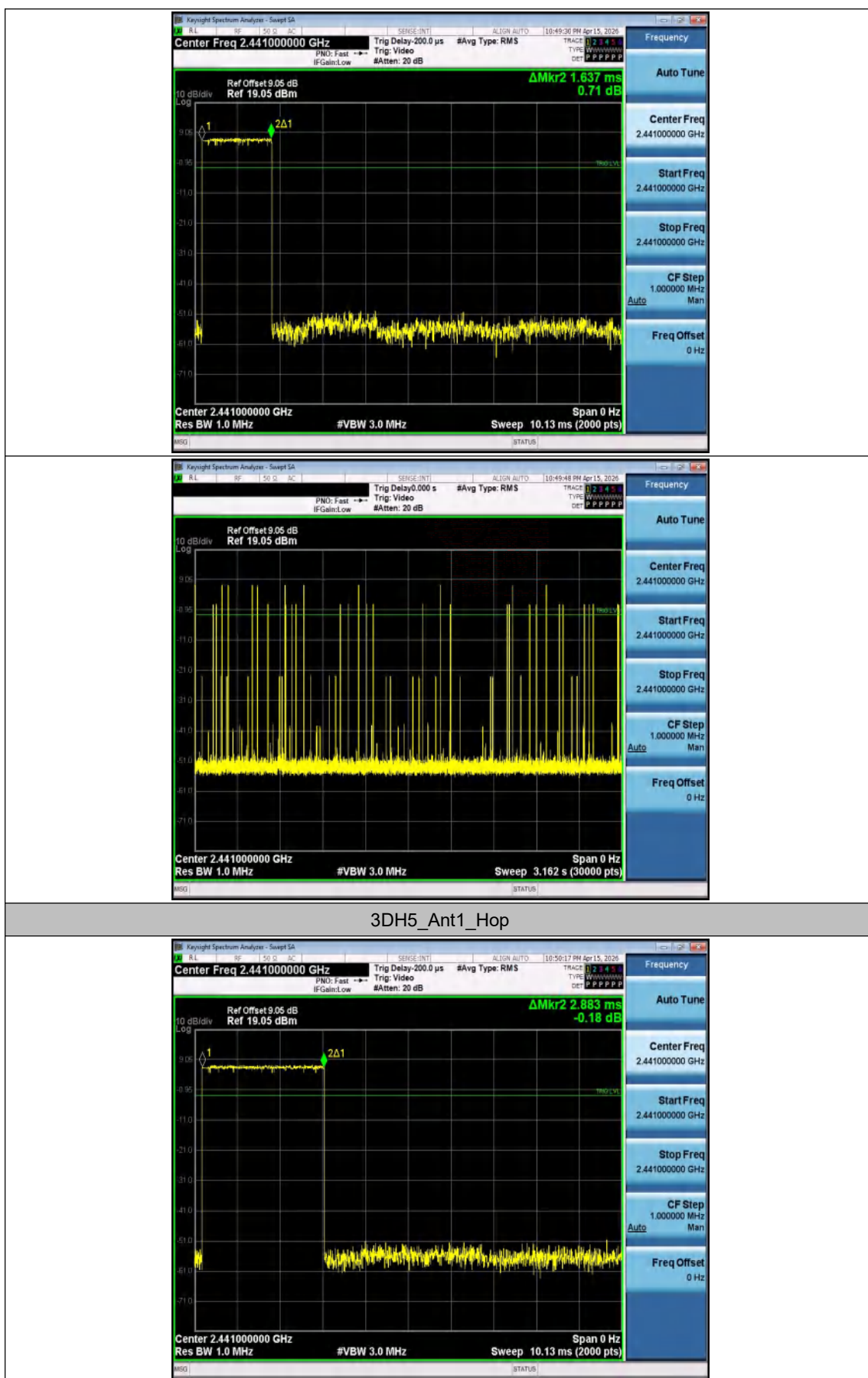




3DH1_Ant1_Hop



3DH3_Ant1_Hop



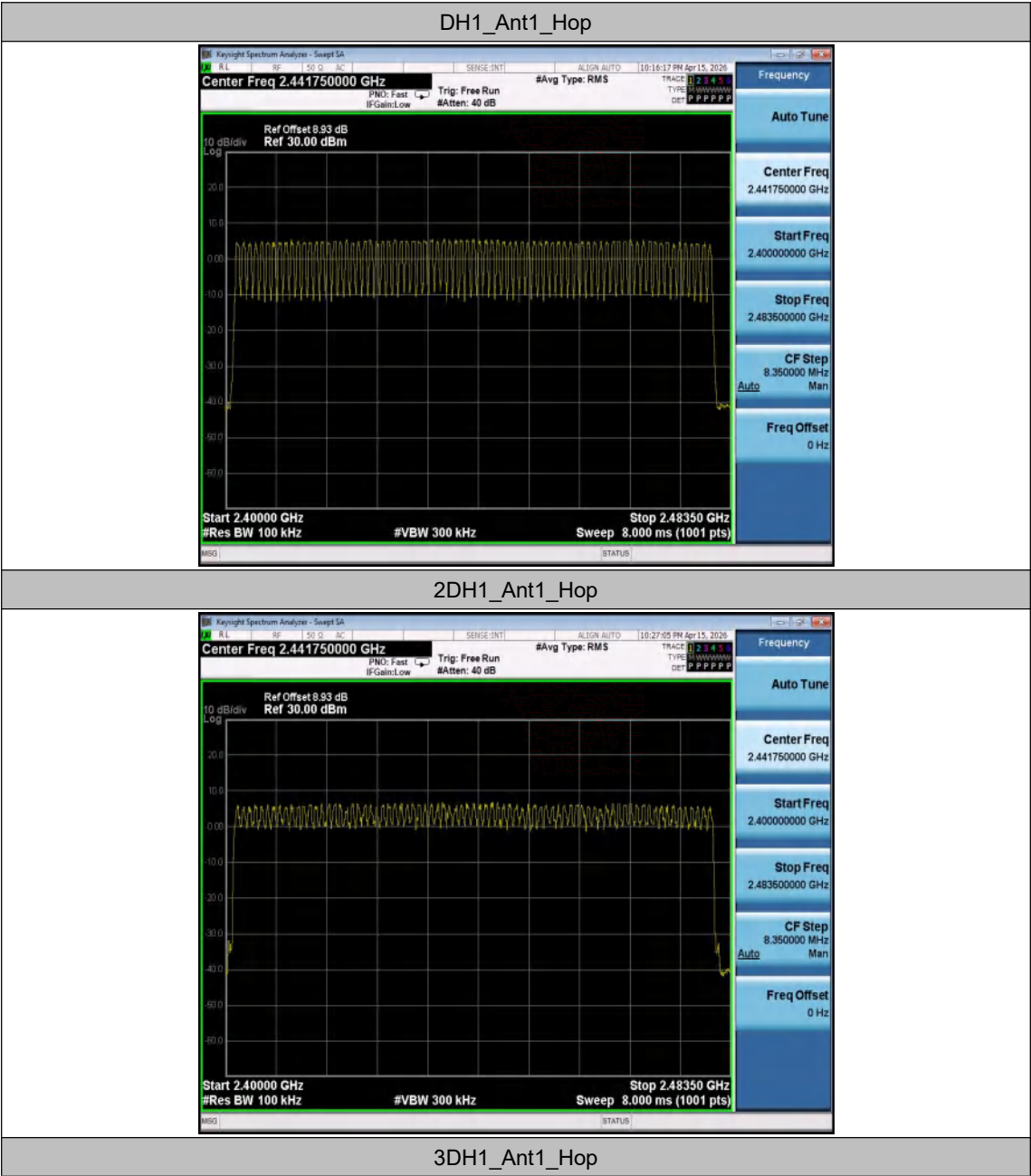


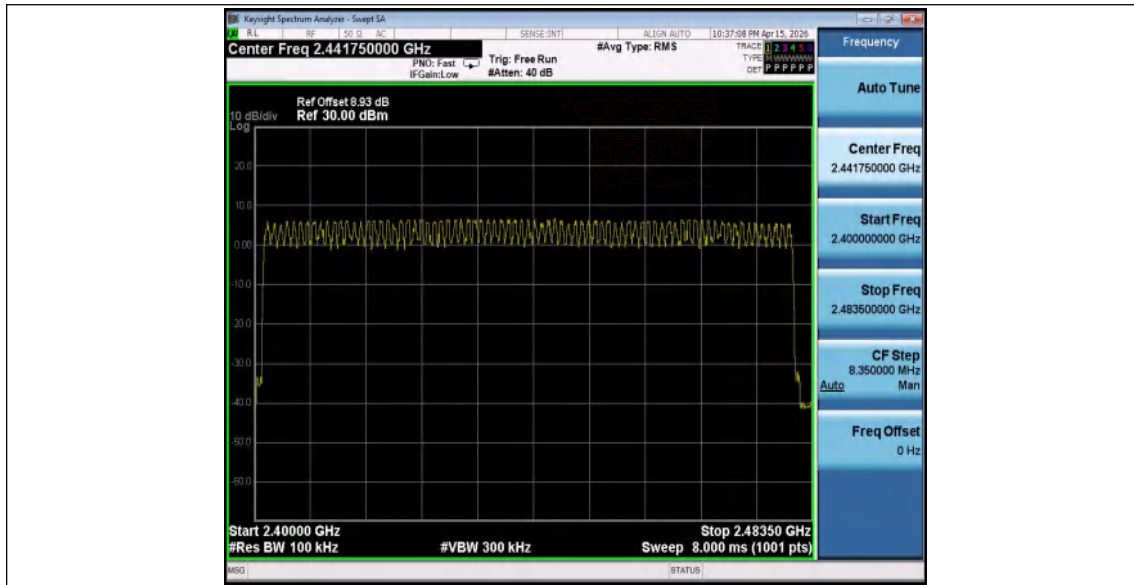
Appendix A.6: Number of hopping channels

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





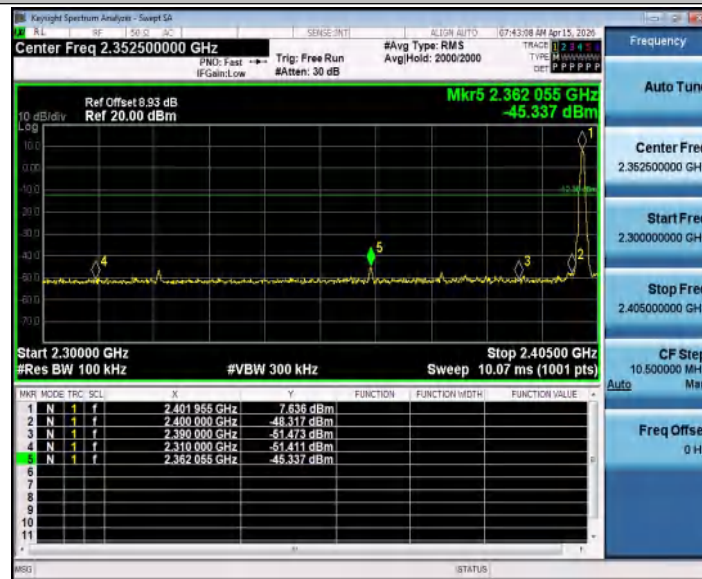
Appendix A.7: Band edge measurements

Test Result

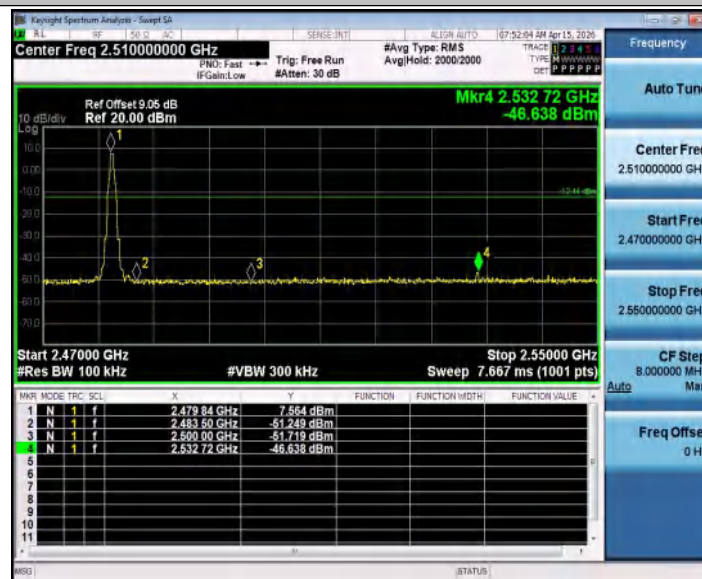
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	Low	2402	7.64	-45.34	≤ -12.36	PASS
		High	2480	7.56	-46.64	≤ -12.44	PASS
		Low	Hop_2402	4.97	-46.7	≤ -15.03	PASS
		High	Hop_2480	5.48	-47.06	≤ -14.52	PASS
2DH1	Ant1	Low	2402	5.82	-44.61	≤ -14.18	PASS
		High	2480	7.09	-48.66	≤ -12.91	PASS
		Low	Hop_2402	5.63	-45.94	≤ -14.37	PASS
		High	Hop_2480	5.32	-48.84	≤ -14.68	PASS
3DH1	Ant1	Low	2402	5.58	-44.04	≤ -14.42	PASS
		High	2480	6.10	-47.94	≤ -13.9	PASS
		Low	Hop_2402	5.79	-45.91	≤ -14.21	PASS
		High	Hop_2480	5.38	-48.12	≤ -14.62	PASS

Test Graphs

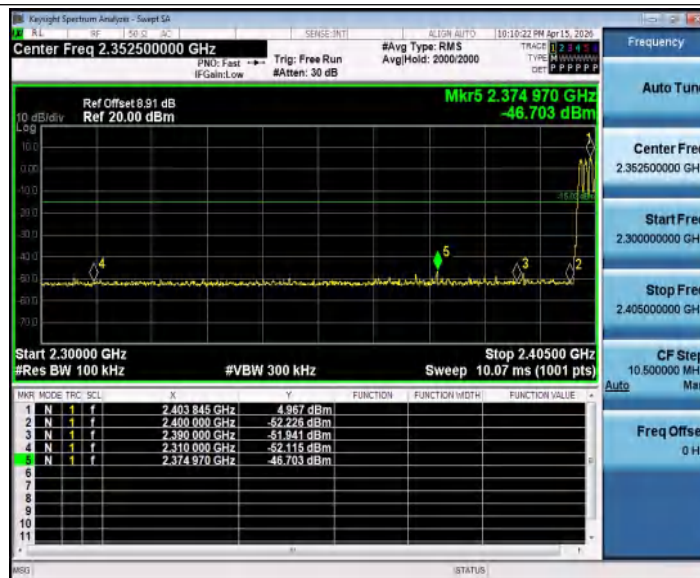
DH1_Ant1_Low_2402



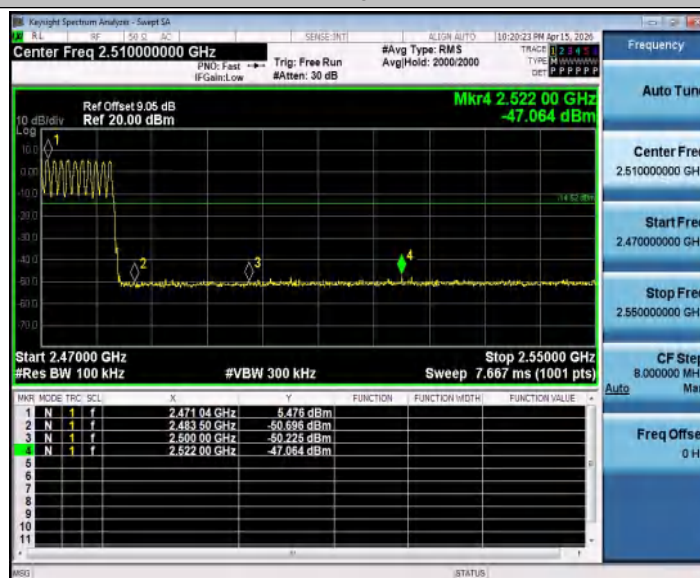
DH1_Ant1_High_2480



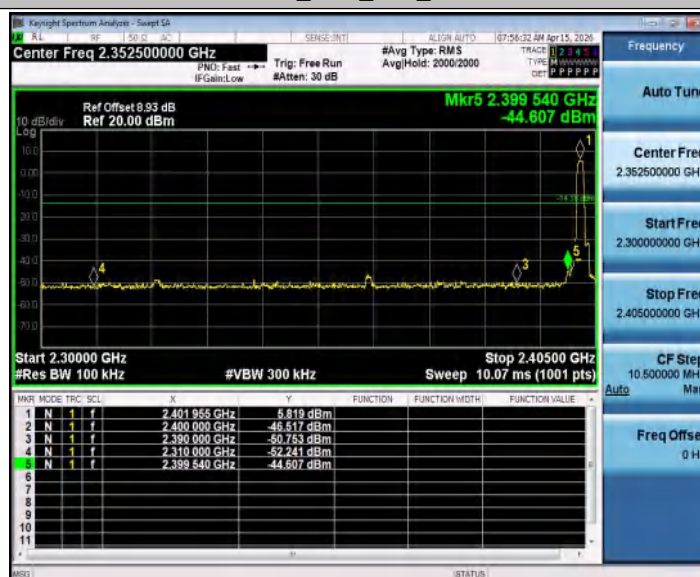
DH1_Ant1_Low_Hop_2402



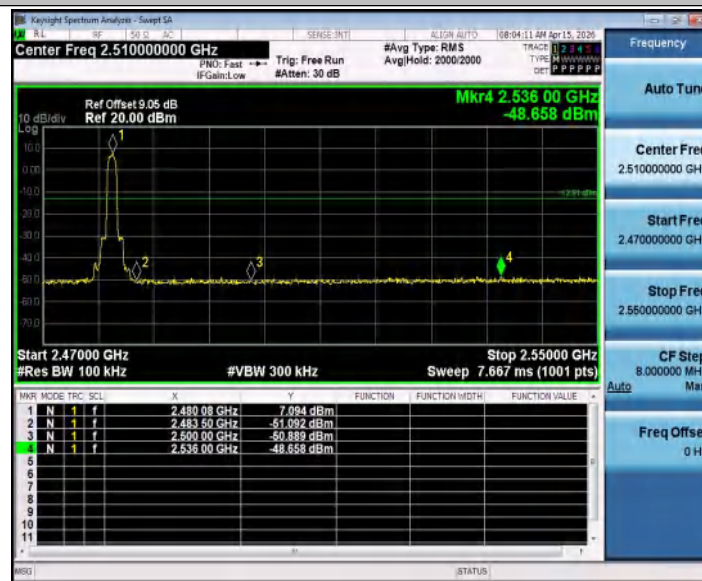
DH1_Ant1_High_Hop_2480



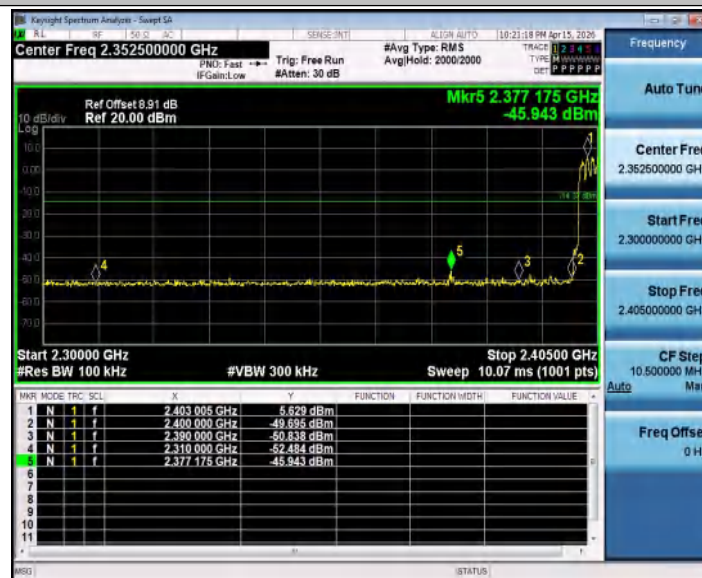
2DH1_Ant1_Low_2402



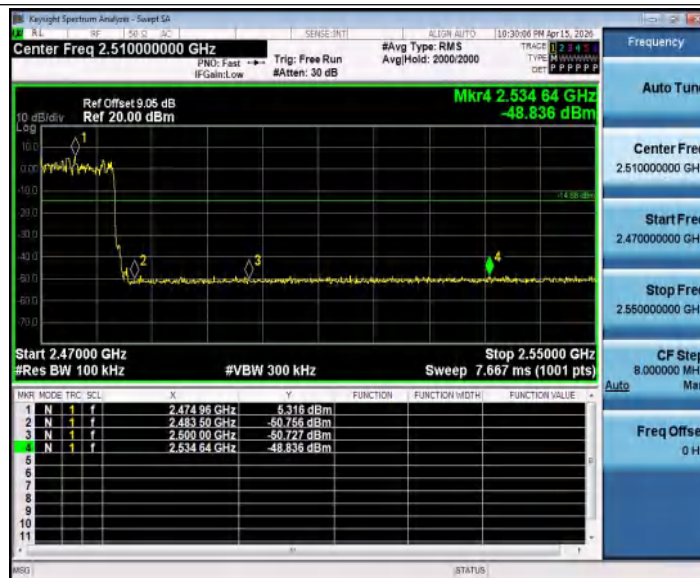
2DH1_Ant1_High_2480



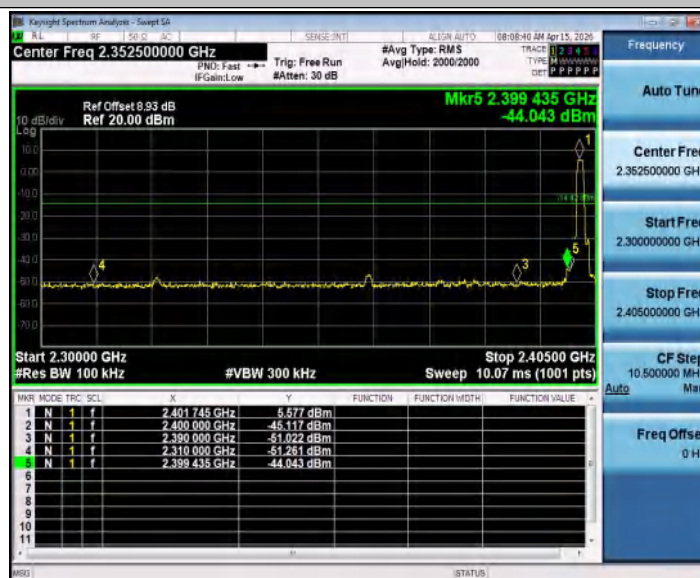
2DH1_Ant1_Low_Hop_2402



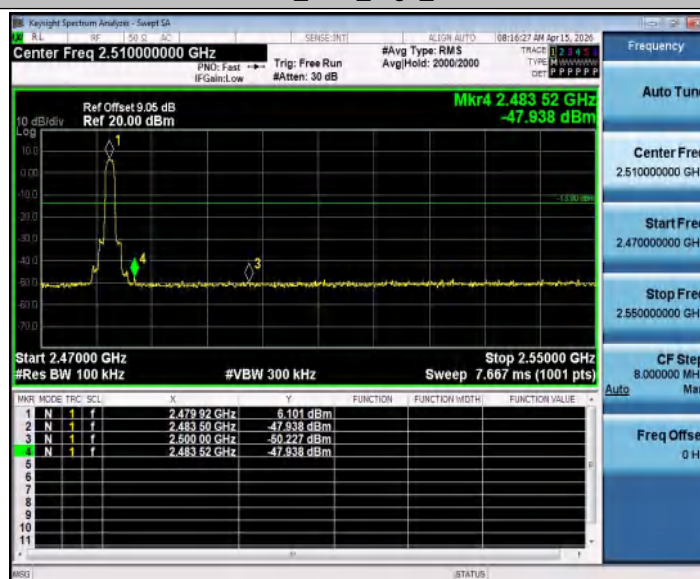
2DH1_Ant1_High_Hop_2480



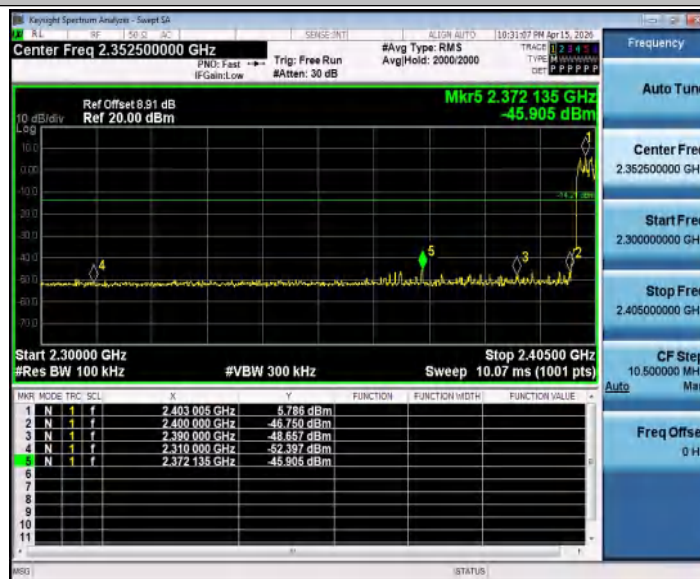
3DH1_Ant1_Low_2402



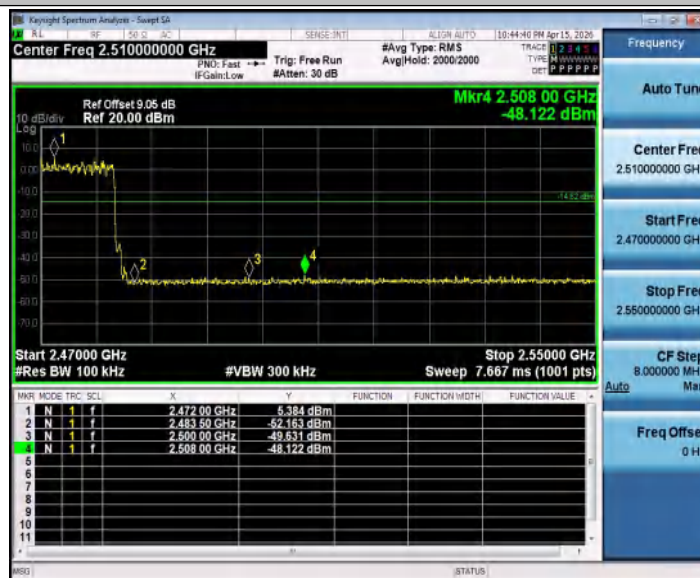
3DH1_Ant1_High_2480



3DH1_Ant1_Low_Hop_2402



3DH1_Ant1_High_Hop_2480



Appendix A.8: Conducted Spurious Emission

Test Result

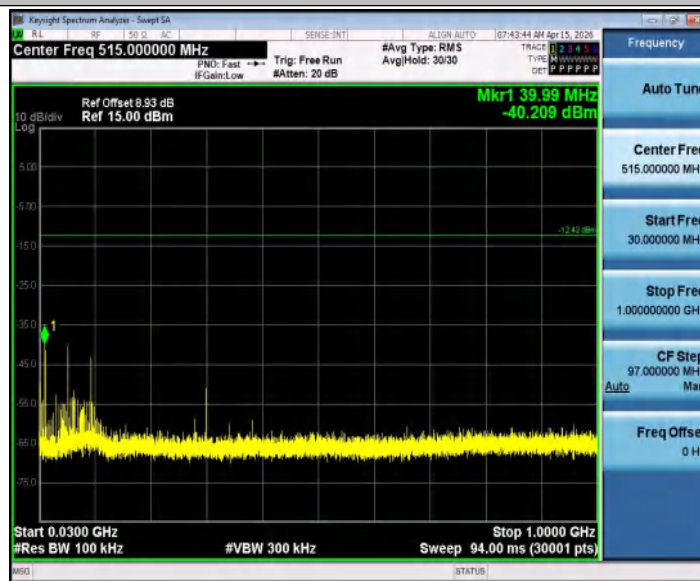
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	2402	Reference	7.58	7.58	---	PASS
			30~1000	7.58	-40.21	≤-12.42	PASS
			1000~26500	7.58	-25.34	≤-12.42	PASS
		2441	Reference	8.71	8.71	---	PASS
			30~1000	8.71	-40.28	≤-11.29	PASS
			1000~26500	8.71	-26.65	≤-11.29	PASS
		2480	Reference	7.45	7.45	---	PASS
			30~1000	7.45	-40.22	≤-12.55	PASS
			1000~26500	7.45	-30.62	≤-12.55	PASS
2DH1	Ant1	2402	Reference	5.74	5.74	---	PASS
			30~1000	5.74	-40.46	≤-14.26	PASS
			1000~26500	5.74	-27.24	≤-14.26	PASS
		2441	Reference	7.32	7.32	---	PASS
			30~1000	7.32	-40.26	≤-12.68	PASS
			1000~26500	7.32	-27.22	≤-12.68	PASS
		2480	Reference	6.56	6.56	---	PASS
			30~1000	6.56	-40.3	≤-13.44	PASS
			1000~26500	6.56	-33.66	≤-13.44	PASS
3DH1	Ant1	2402	Reference	5.47	5.47	---	PASS
			30~1000	5.47	-40.42	≤-14.53	PASS
			1000~26500	5.47	-28.97	≤-14.53	PASS
		2441	Reference	6.50	6.50	---	PASS
			30~1000	6.50	-40.29	≤-13.5	PASS
			1000~26500	6.50	-29.52	≤-13.5	PASS
		2480	Reference	5.65	5.65	---	PASS
			30~1000	5.65	-40.14	≤-14.35	PASS
			1000~26500	5.65	-33.19	≤-14.35	PASS

Test Graphs

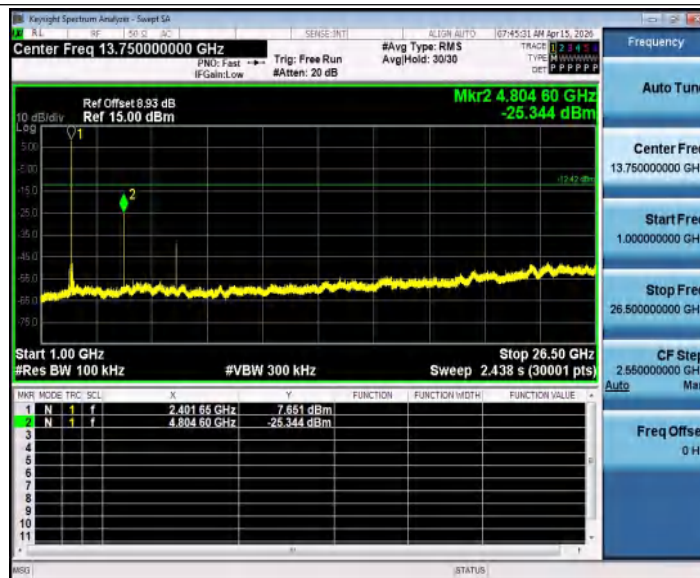
DH1_Ant1_2402_0~Reference



DH1_Ant1_2402_30~1000



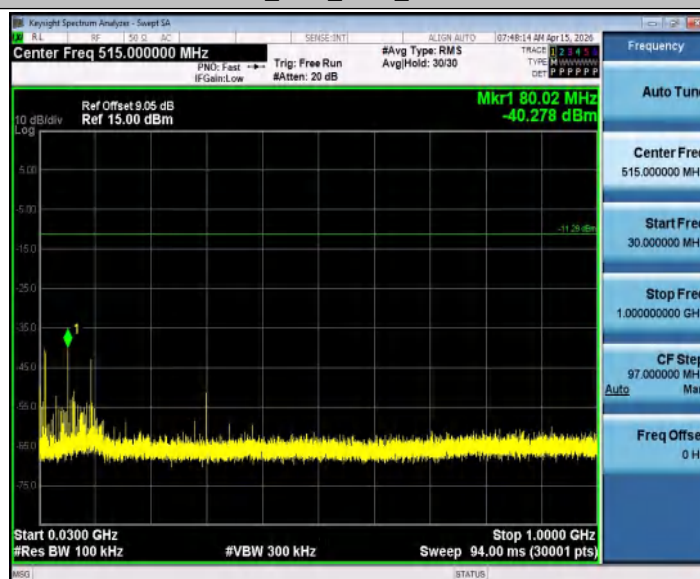
DH1_Ant1_2402_1000~26500



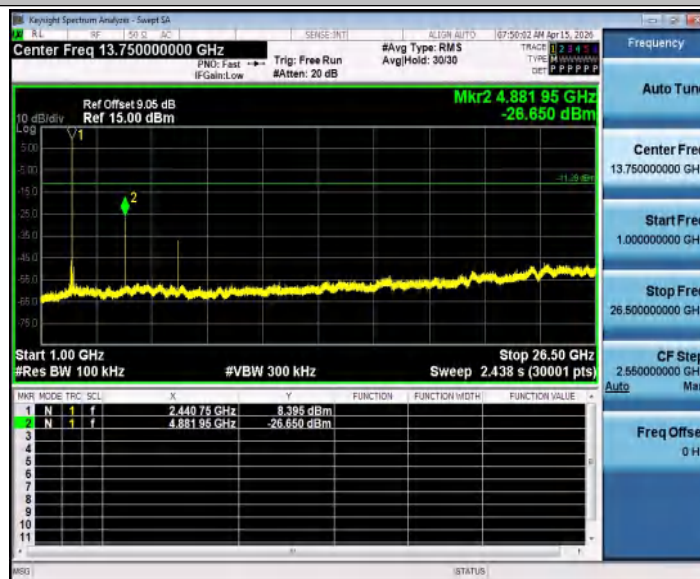
DH1_Ant1_2441_0~Reference



DH1_Ant1_2441_30~1000



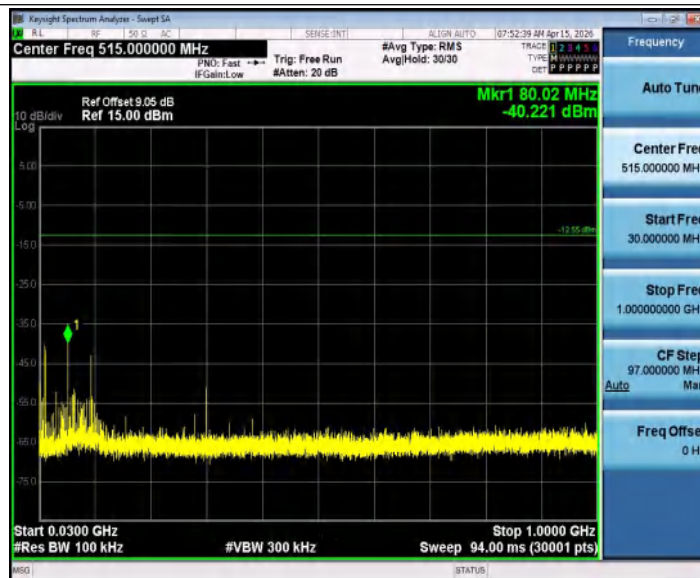
DH1_Ant1_2441_1000~26500



DH1_Ant1_2480_0~Reference



DH1_Ant1_2480_30~1000



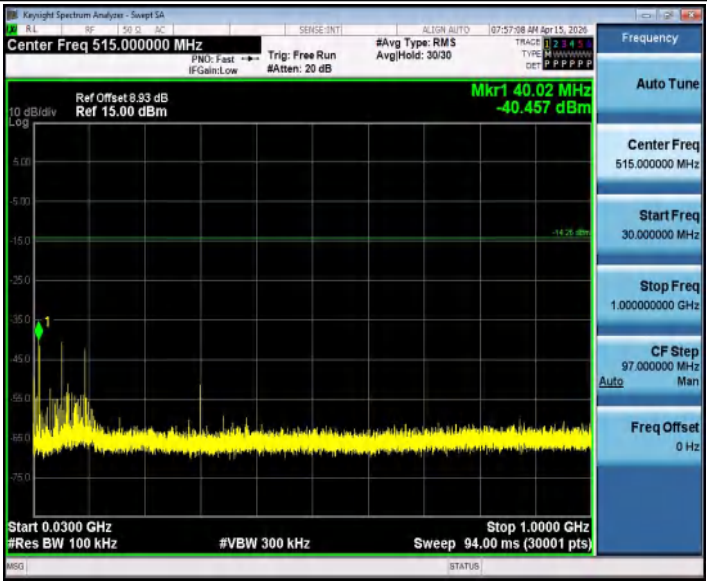
DH1_Ant1_2480_1000~26500



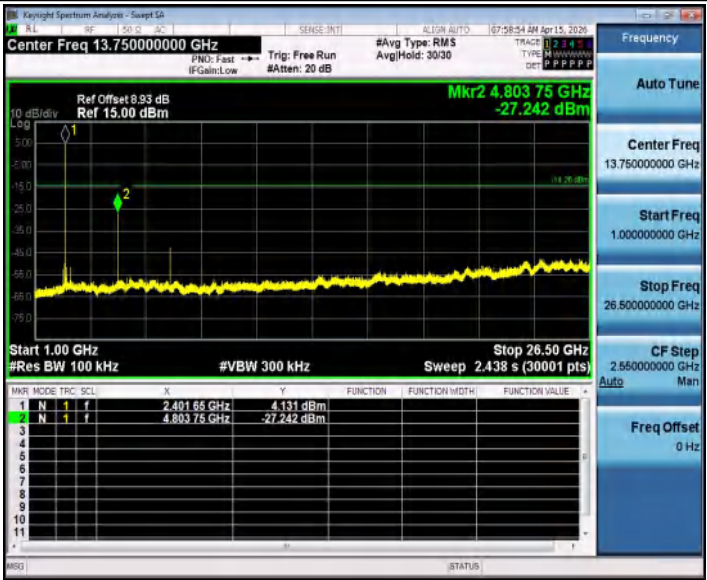
2DH1_Ant1_2402_0~Reference



2DH1_Ant1_2402_30~1000



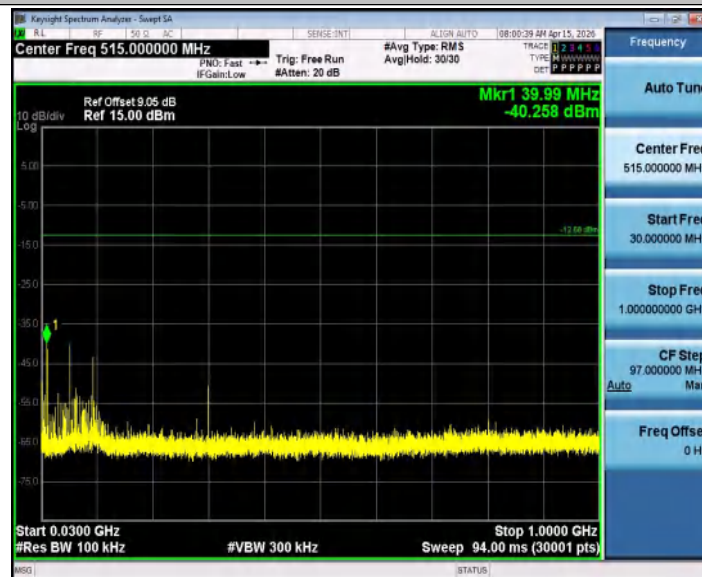
2DH1_Ant1_2402_1000~26500



2DH1_Ant1_2441_0~Reference



2DH1_Ant1_2441_30~1000



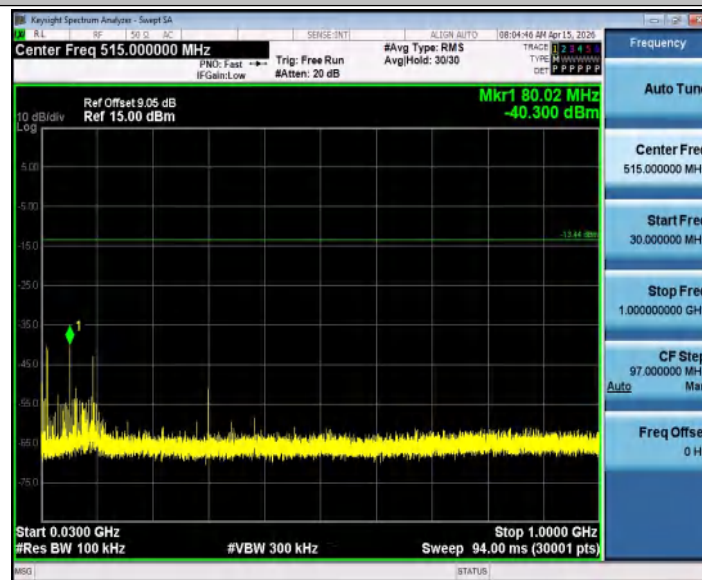
2DH1_Ant1_2441_1000~26500



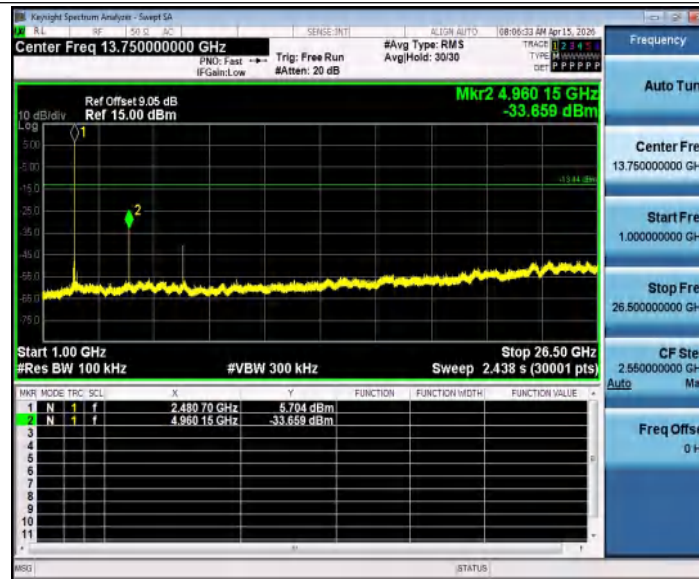
2DH1_Ant1_2480_0~Reference



2DH1_Ant1_2480_30~1000



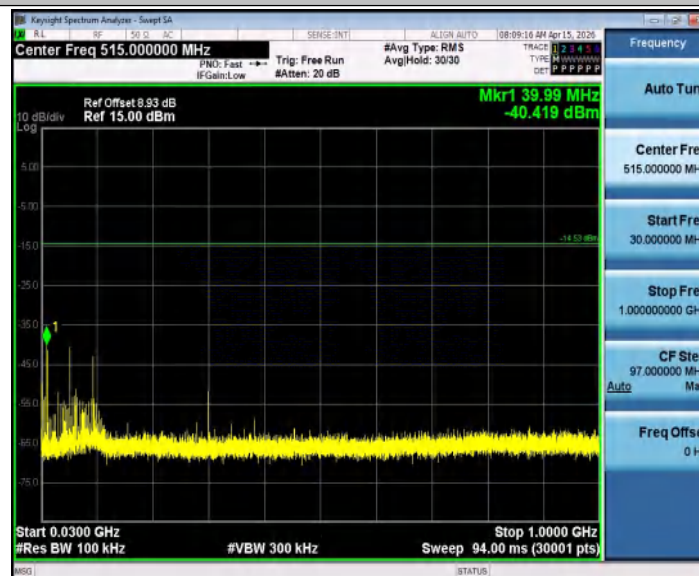
2DH1_Ant1_2480_1000~26500



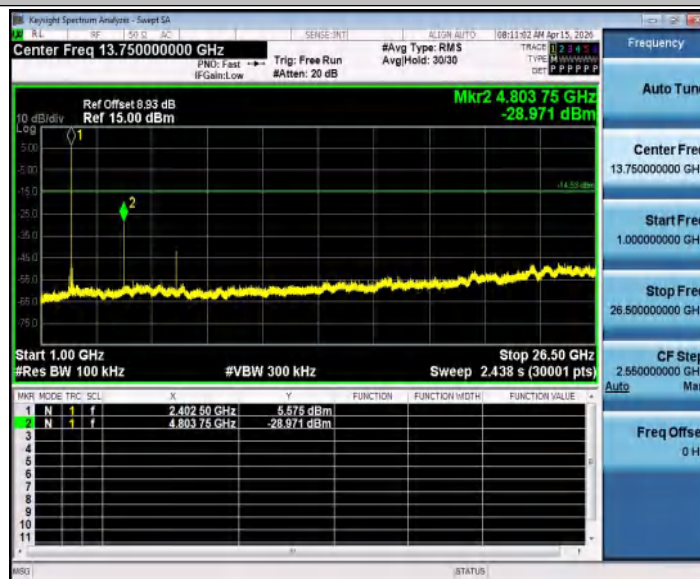
3DH1_Ant1_2402_0~Reference



3DH1_Ant1_2402_30~1000



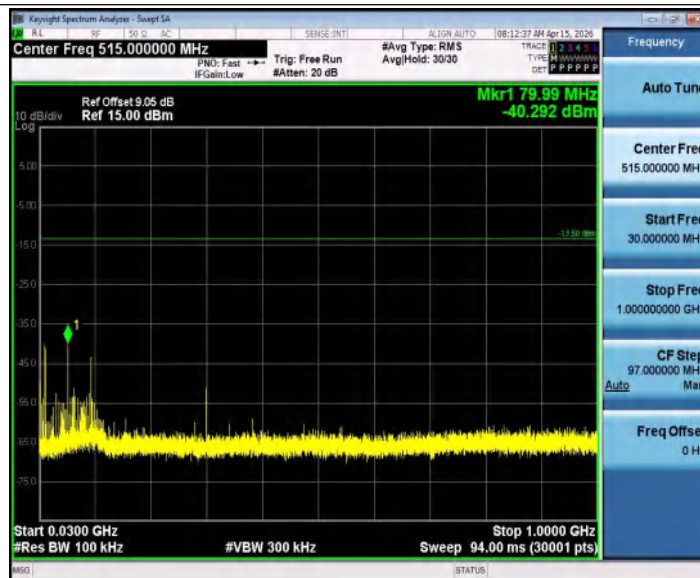
3DH1_Ant1_2402_1000~26500



3DH1_Ant1_2441_0~Reference



3DH1_Ant1_2441_30~1000



3DH1_Ant1_2441_1000~26500



3DH1_Ant1_2480_0~Reference



