

Case No. : <u>GTS20260205006-1-01</u>	
Ambient Condition: <u>23</u> °C, <u>51</u> %RH	
According Standard: ■Part15C	
Test Date: <u>2026.3.18</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	0.840	2401.565	2402.405	---	---
		2441	0.831	2440.559	2441.390	---	---
		2480	0.855	2479.556	2480.411	---	---
2DH1	Ant1	2402	1.215	2401.376	2402.591	---	---
		2441	1.209	2440.382	2441.591	---	---
		2480	1.239	2479.367	2480.606	---	---
3DH1	Ant1	2402	1.248	2401.370	2402.618	---	---
		2441	1.227	2440.391	2441.618	---	---
		2480	1.215	2479.403	2480.618	---	---

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



3DH1_Ant1_2480

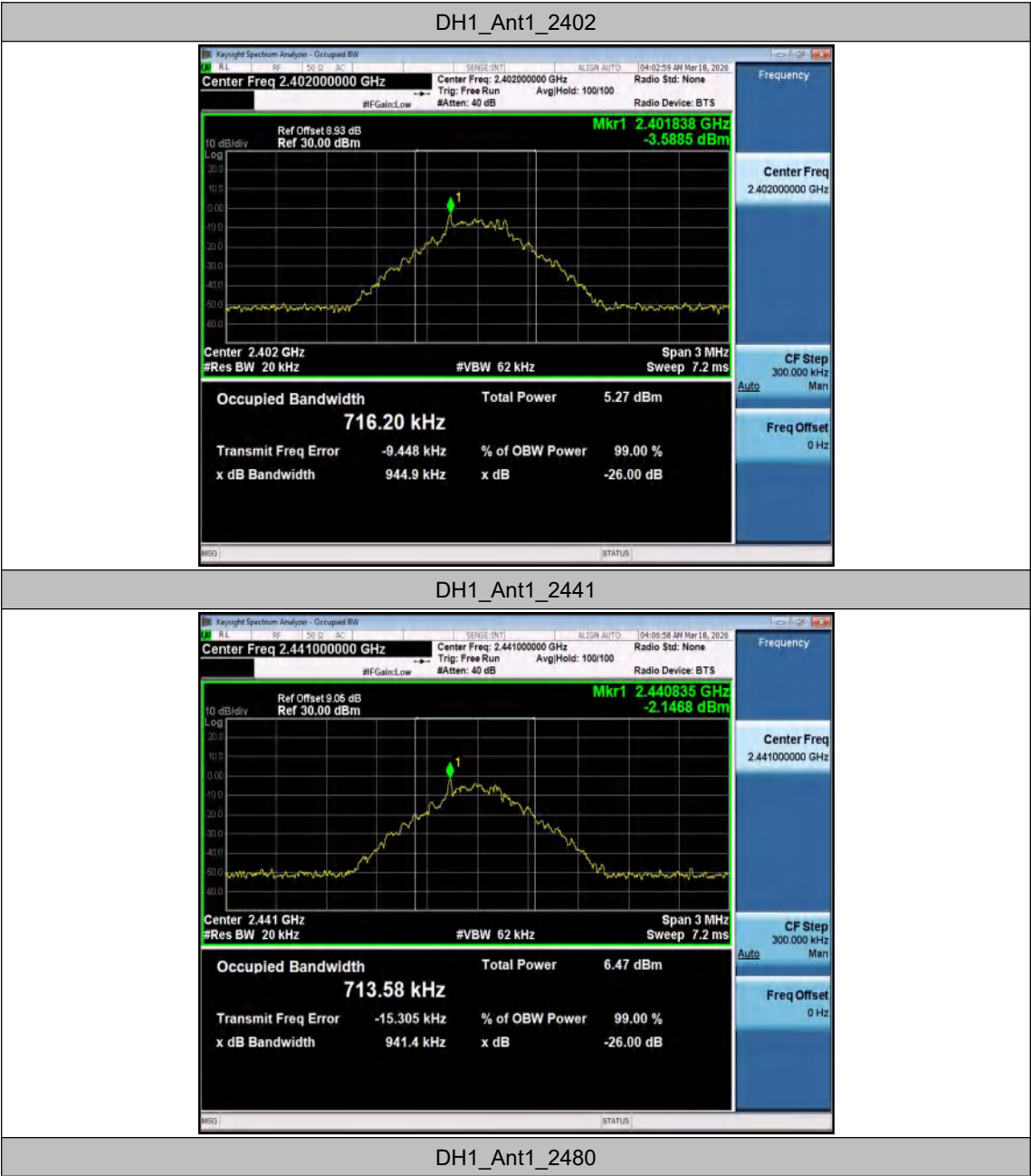


Appendix A.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	0.71620	2401.6325	2402.3487	---	---
		2441	0.71358	2440.6279	2441.3415	---	---
		2480	0.71676	2479.6284	2480.3451	---	---
2DH1	Ant1	2402	1.1299	2401.4272	2402.5571	---	---
		2441	1.1387	2440.4220	2441.5607	---	---
		2480	1.1277	2479.4210	2480.5487	---	---
3DH1	Ant1	2402	1.1326	2401.4371	2402.5697	---	---
		2441	1.1347	2440.4358	2441.5705	---	---
		2480	1.1341	2479.4343	2480.5684	---	---

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	-0.44	≤ 20.97	PASS
		2441	1.00	≤ 20.97	PASS
		2480	-0.30	≤ 20.97	PASS
2DH1	Ant1	2402	-1.09	≤ 20.97	PASS
		2441	0.35	≤ 20.97	PASS
		2480	-0.80	≤ 20.97	PASS
3DH1	Ant1	2402	-1.08	≤ 20.97	PASS
		2441	0.34	≤ 20.97	PASS
		2480	-0.81	≤ 20.97	PASS

Appendix A.4: Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH1	Ant1	Hop_2402	1	≥ 0.855	PASS
		Hop_2441	1.164	≥ 0.855	PASS
		Hop_2480	1.16	≥ 0.855	PASS
2DH1	Ant1	Hop_2402	1.004	≥ 0.826	PASS
		Hop_2441	1.006	≥ 0.826	PASS
		Hop_2480	1.006	≥ 0.826	PASS
3DH1	Ant1	Hop_2402	1.002	≥ 0.832	PASS
		Hop_2441	1	≥ 0.832	PASS
		Hop_2480	0.984	≥ 0.832	PASS

Test Graphs

DH1_Ant1_Hop_2402



DH1_Ant1_Hop_2441



DH1_Ant1_Hop_2480



2D11_Ant1_Hop_2402



2D11_Ant1_Hop_2441



2DH1_Ant1_Hop_2480



3DH1_Ant1_Hop_2402



3DH1_Ant1_Hop_2441



3DH1_Ant1_Hop_2480



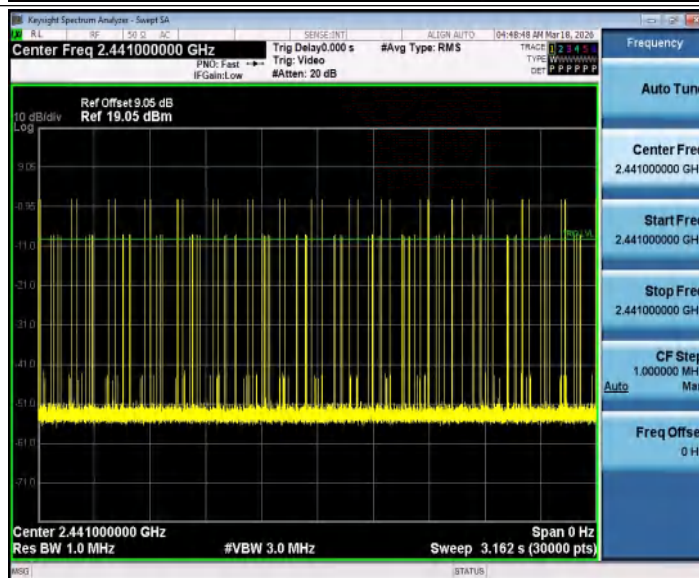
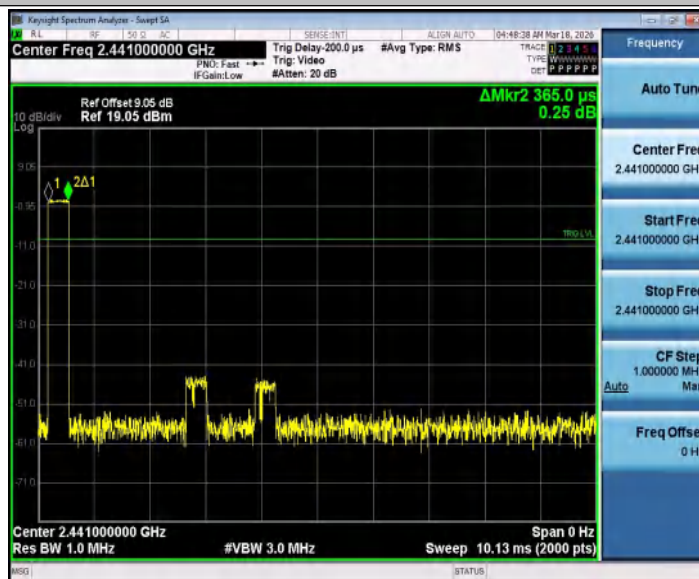
Appendix A.5: Time of occupancy

Test Result

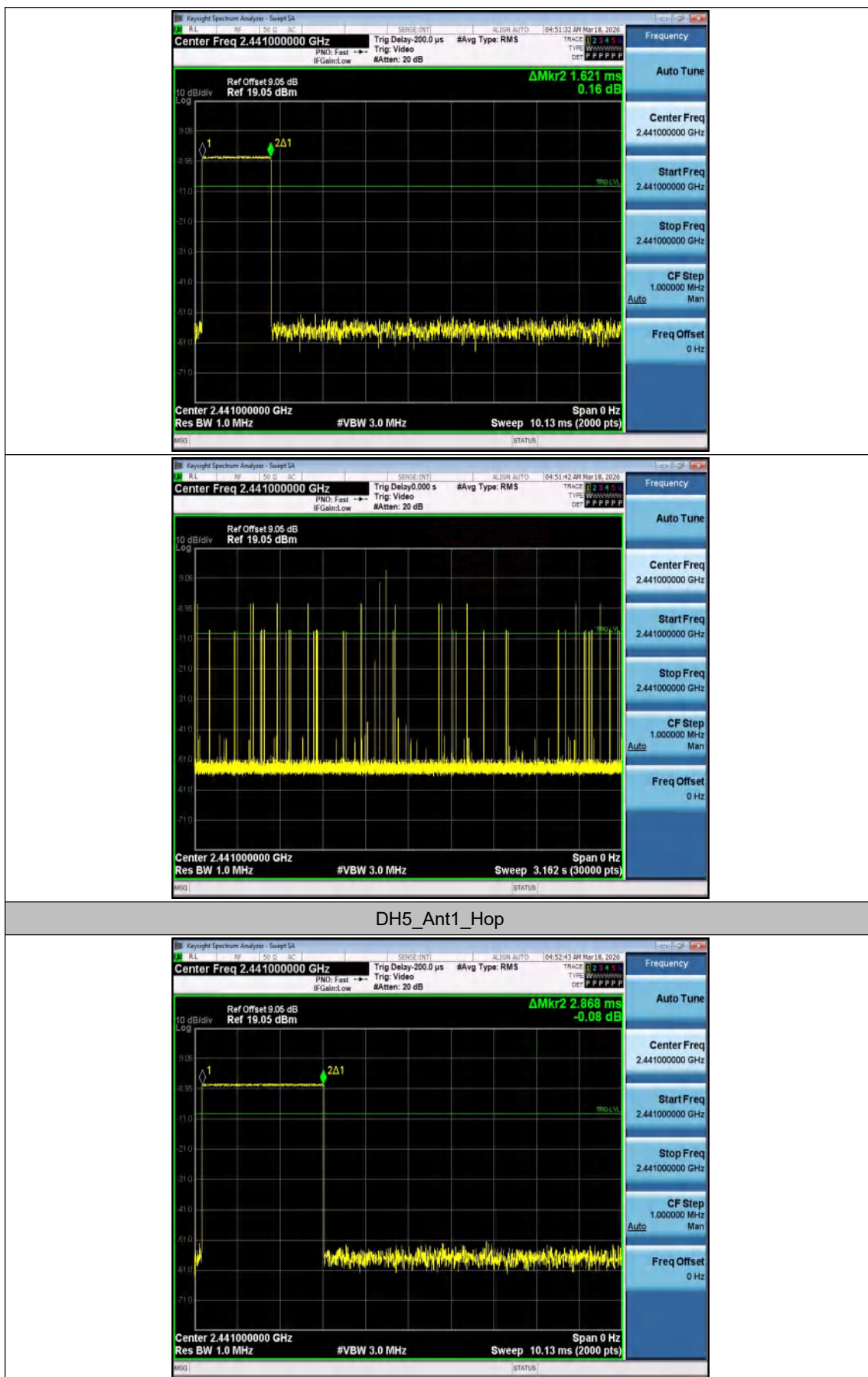
TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.365	330	0.12	≤0.4	PASS
DH3	Ant1	Hop	1.621	150	0.243	≤0.4	PASS
DH5	Ant1	Hop	2.868	120	0.344	≤0.4	PASS
2DH1	Ant1	Hop	0.375	320	0.12	≤0.4	PASS
2DH3	Ant1	Hop	1.626	170	0.276	≤0.4	PASS
2DH5	Ant1	Hop	2.878	90	0.259	≤0.4	PASS
3DH1	Ant1	Hop	0.370	0	0	≤0.4	PASS
3DH3	Ant1	Hop	1.626	170	0.276	≤0.4	PASS
3DH5	Ant1	Hop	2.878	110	0.317	≤0.4	PASS

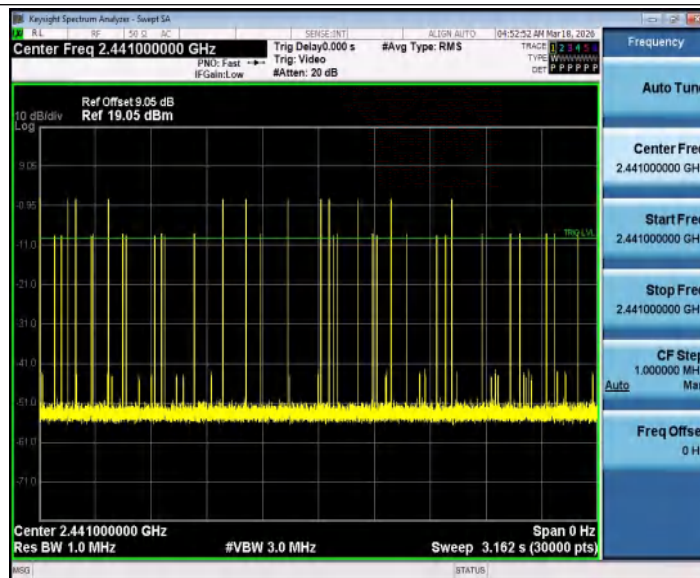
Test Graphs

DH1_Ant1_Hop

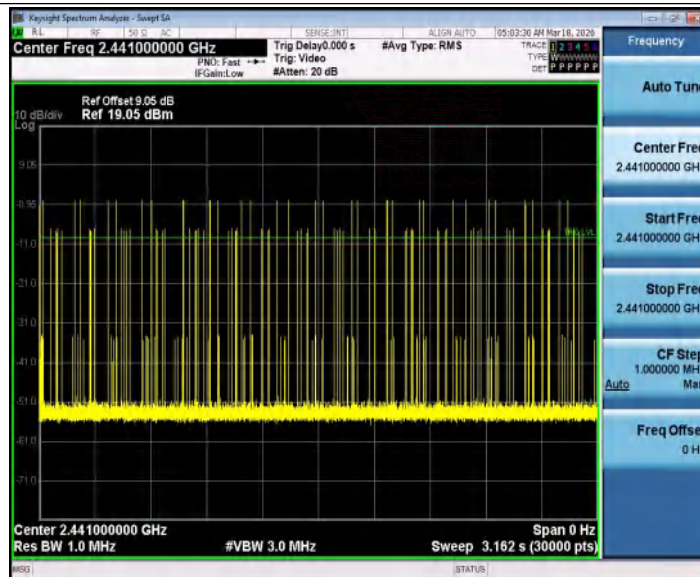
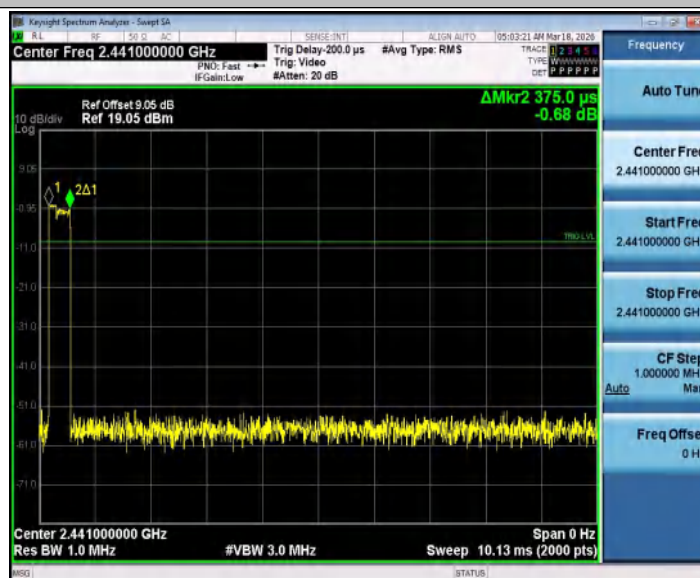


DH3_Ant1_Hop

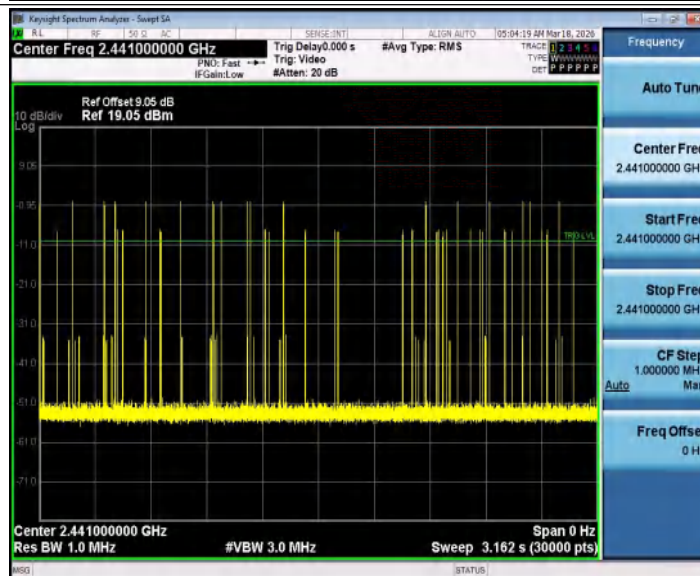
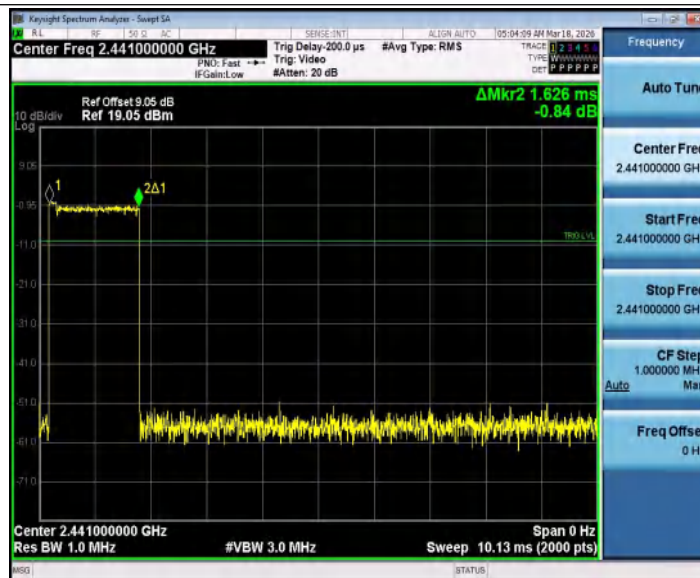




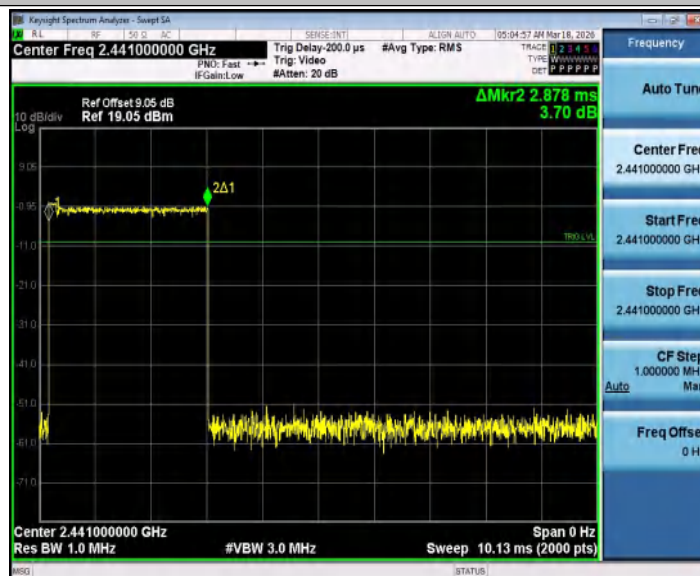
2DH1_Ant1_Hop

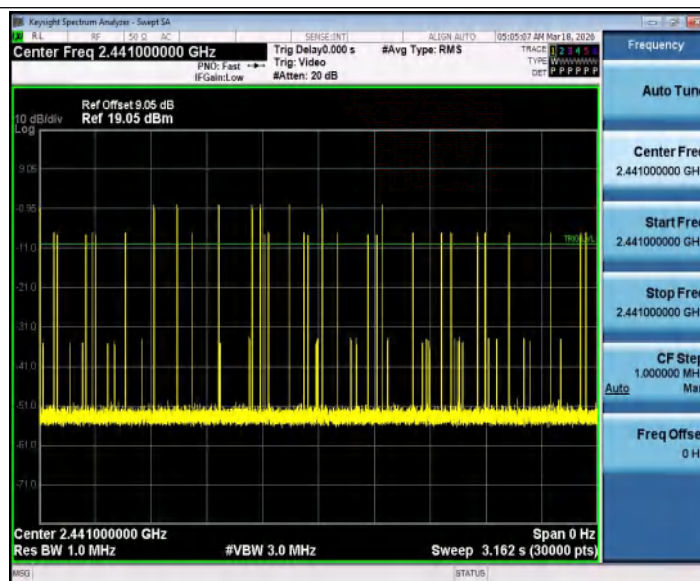


2DH3_Ant1_Hop

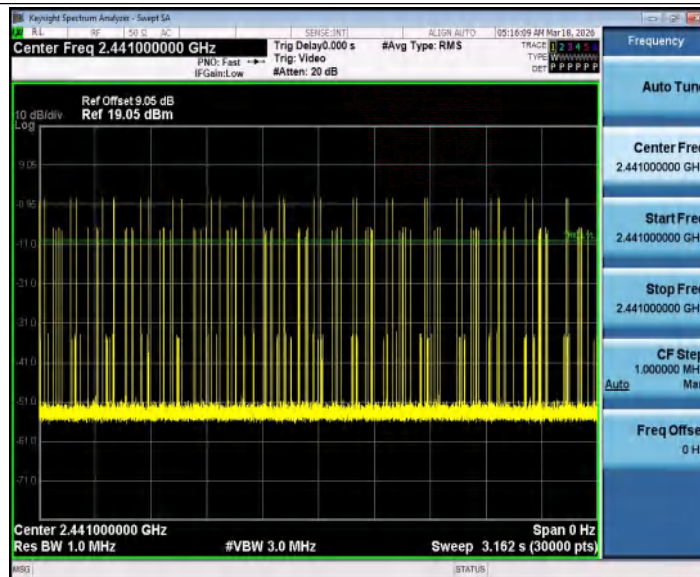
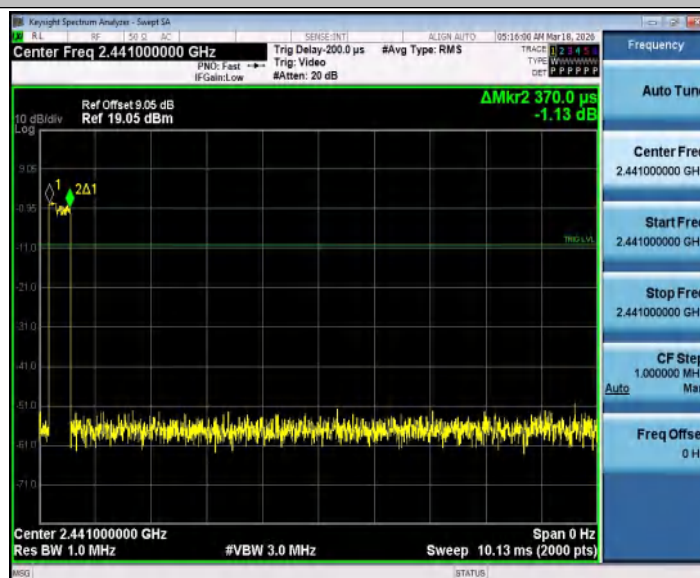


2DH5_Ant1_Hop

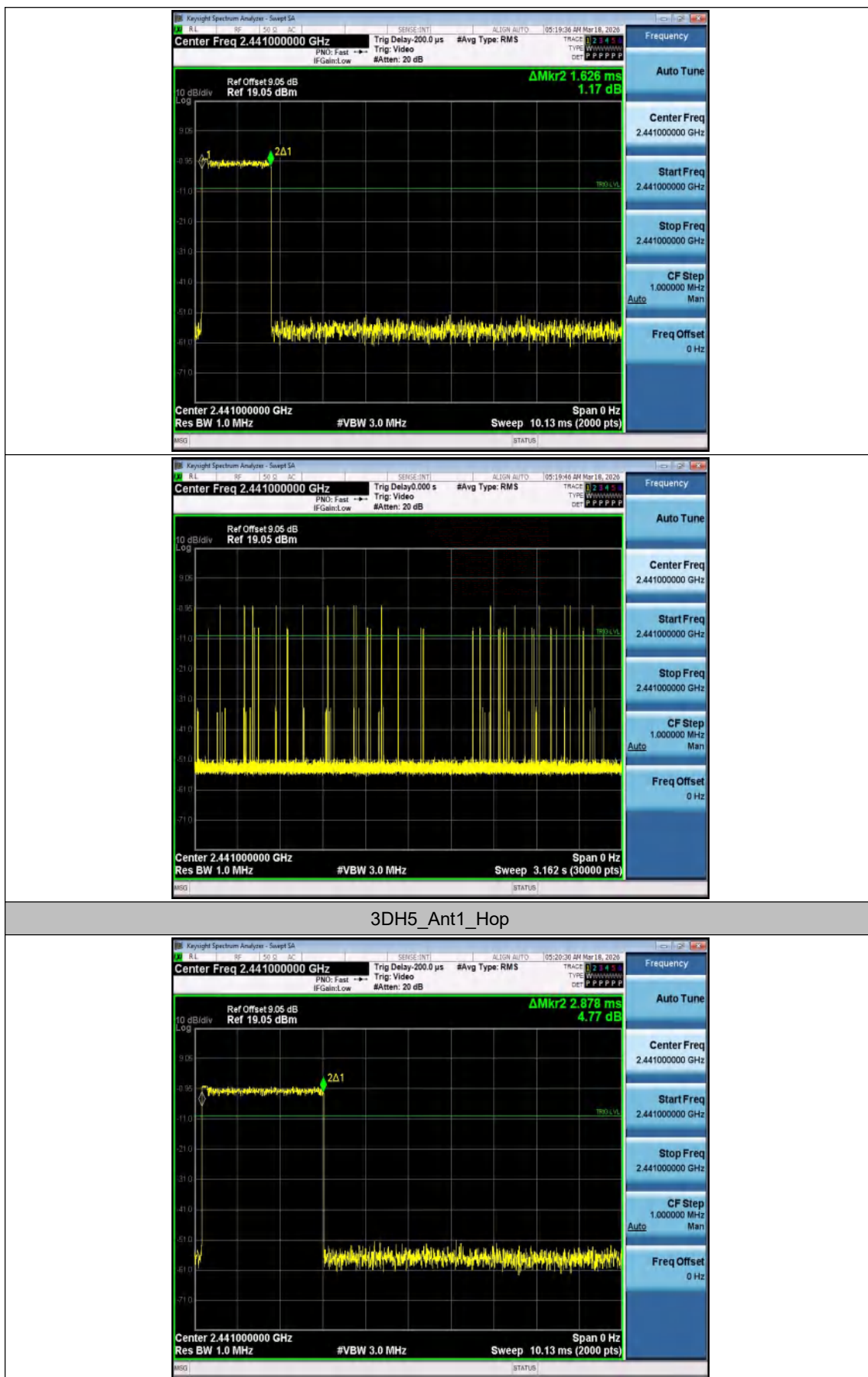


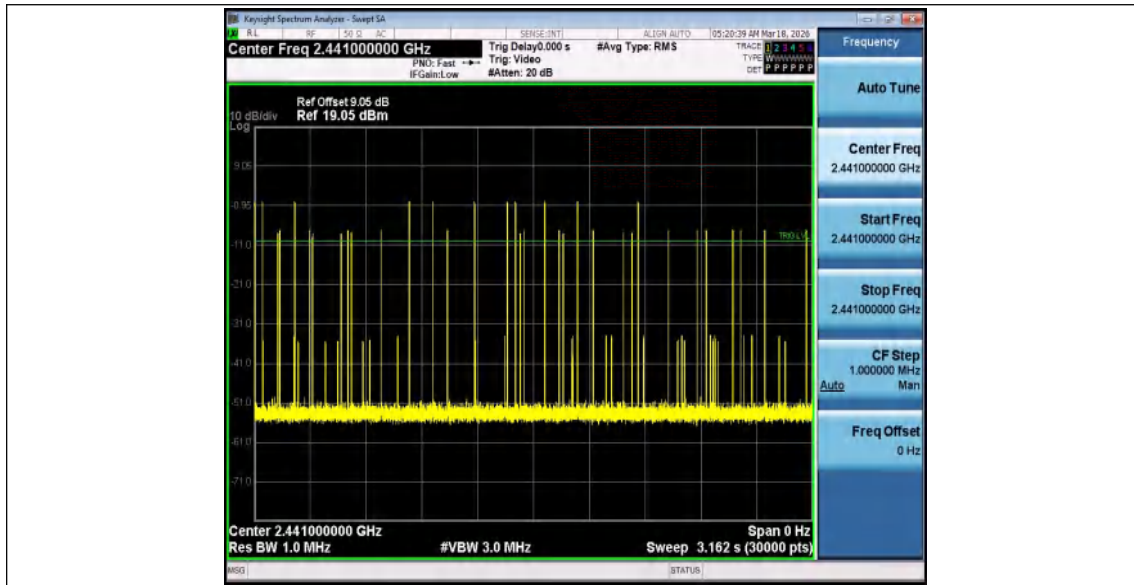


3DH1_Ant1_Hop



3DH3_Ant1_Hop



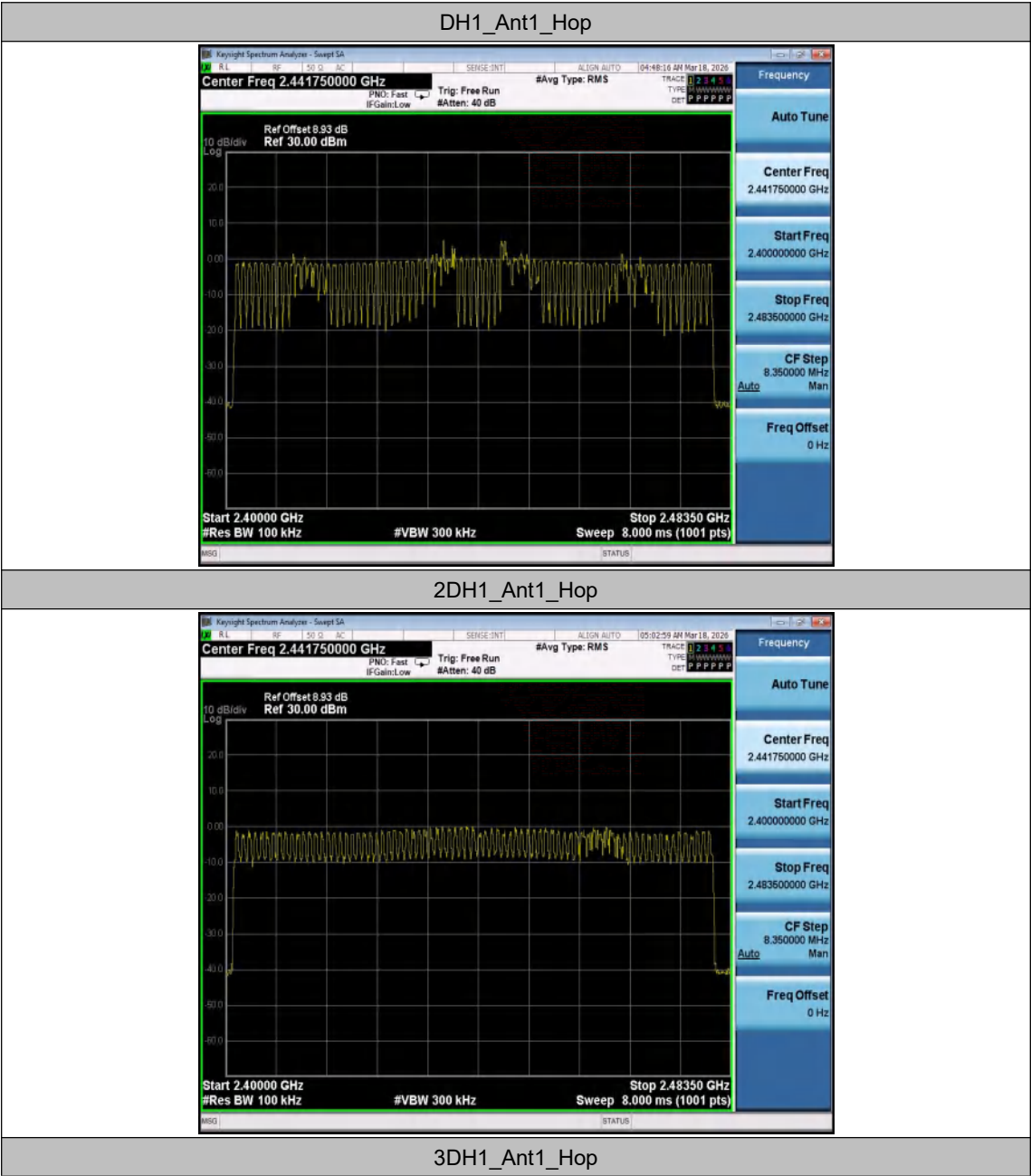


Appendix A.6: Number of hopping channels

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

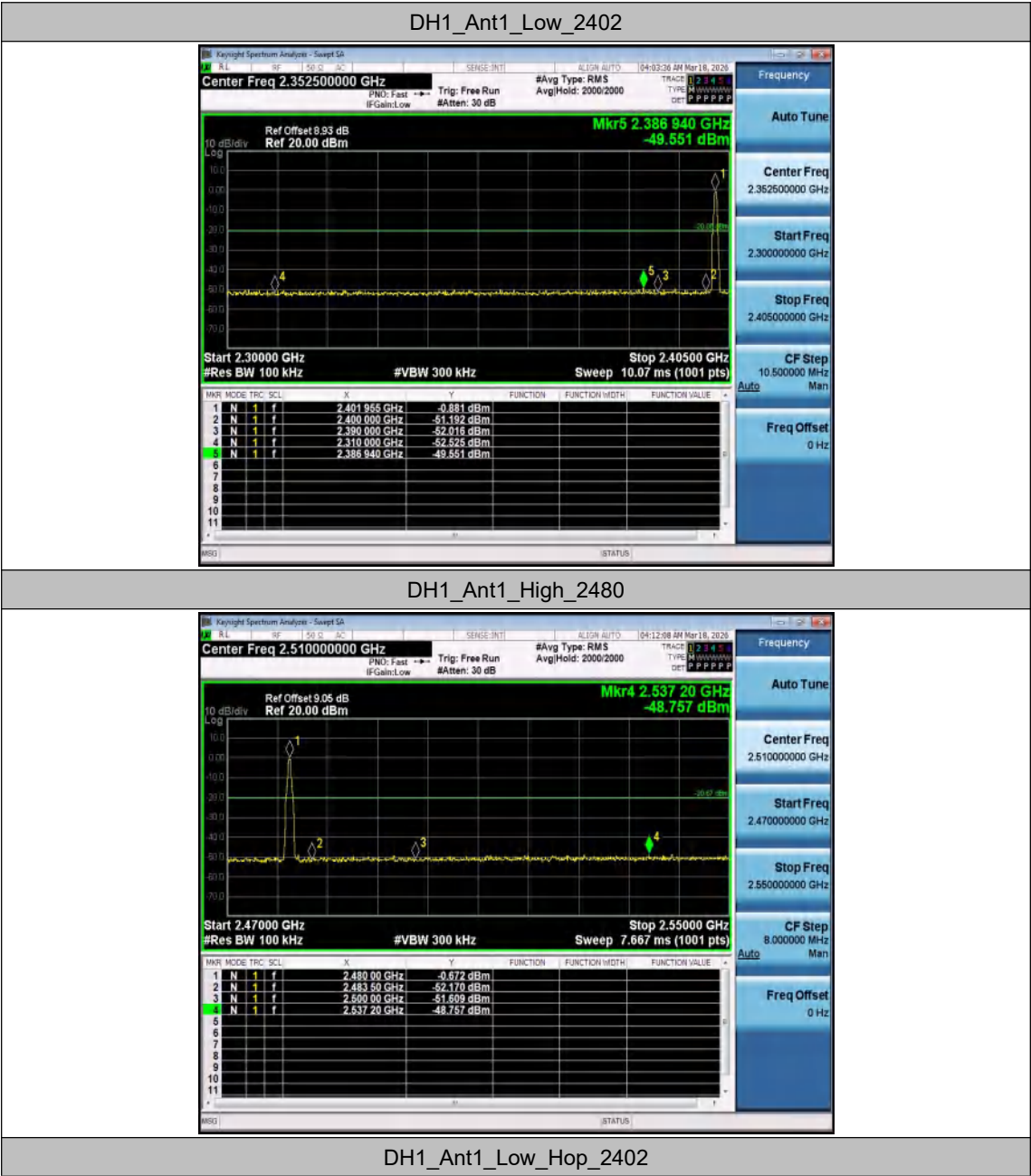


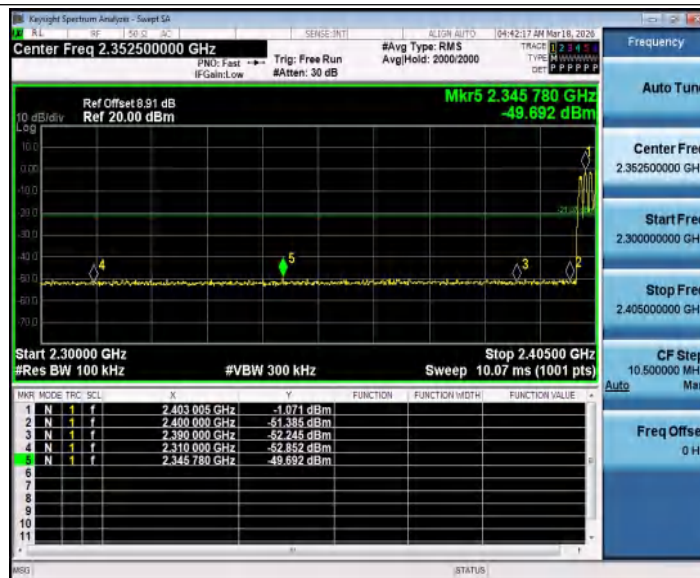
Appendix A.7: Band edge measurements

Test Result

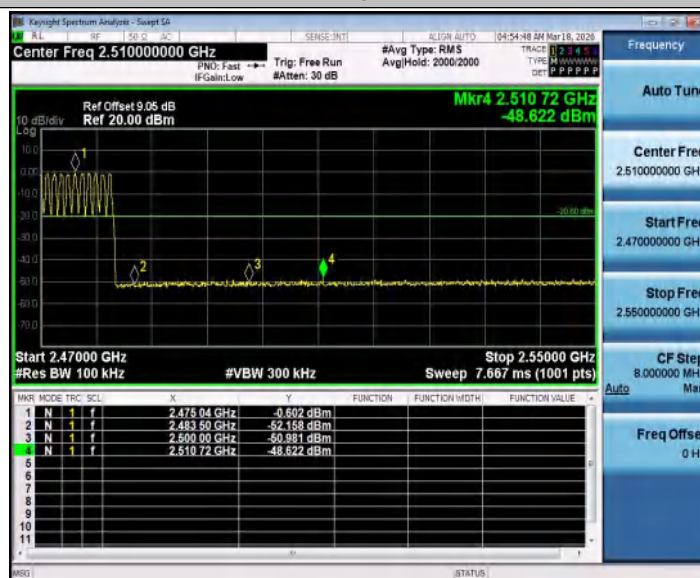
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	Low	2402	-0.88	-49.55	≤ -20.88	PASS
		High	2480	-0.67	-48.76	≤ -20.67	PASS
		Low	Hop_2402	-1.07	-49.69	≤ -21.07	PASS
		High	Hop_2480	-0.60	-48.62	≤ -20.6	PASS
2DH1	Ant1	Low	2402	-1.67	-49.91	≤ -21.67	PASS
		High	2480	-1.42	-49.18	≤ -21.42	PASS
		Low	Hop_2402	-1.61	-49.56	≤ -21.61	PASS
		High	Hop_2480	-1.41	-49.07	≤ -21.41	PASS
3DH1	Ant1	Low	2402	-1.65	-49.66	≤ -21.65	PASS
		High	2480	-1.40	-45.53	≤ -21.4	PASS
		Low	Hop_2402	-2.26	-49.89	≤ -22.26	PASS
		High	Hop_2480	-2.05	-47.71	≤ -22.05	PASS

Test Graphs

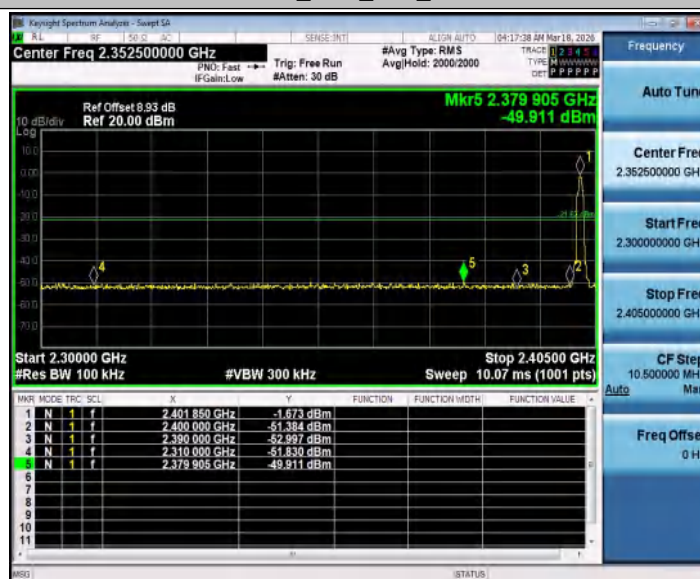




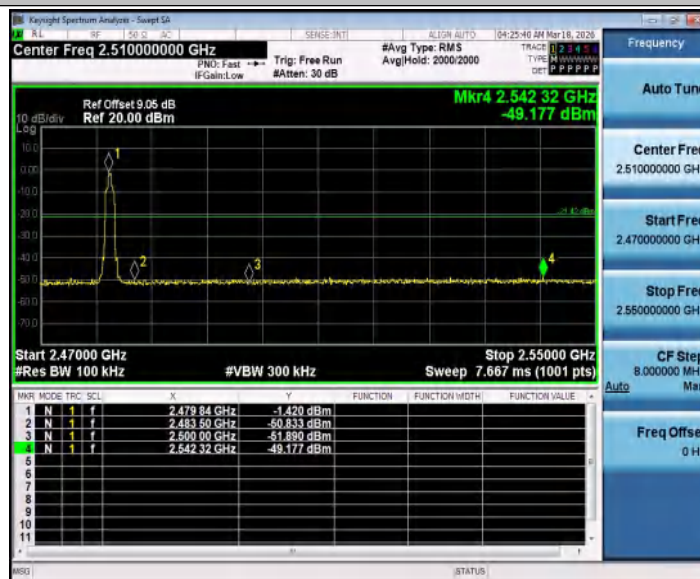
DH1_Ant1_High_Hop_2480



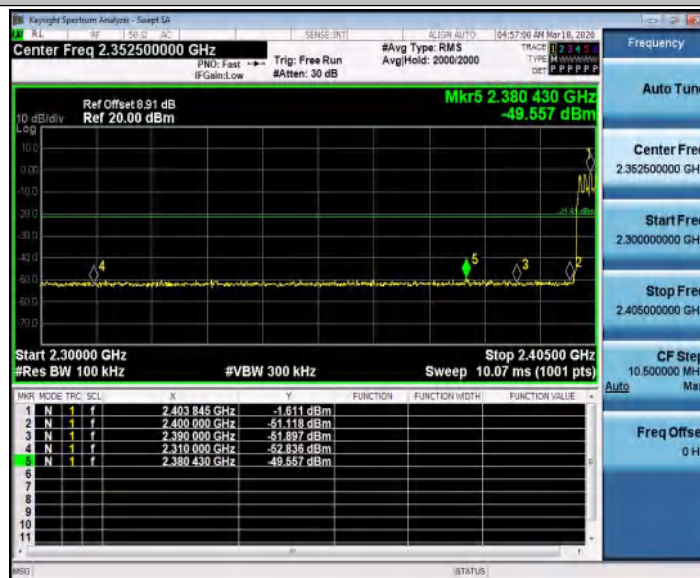
2DH1_Ant1_Low_2402



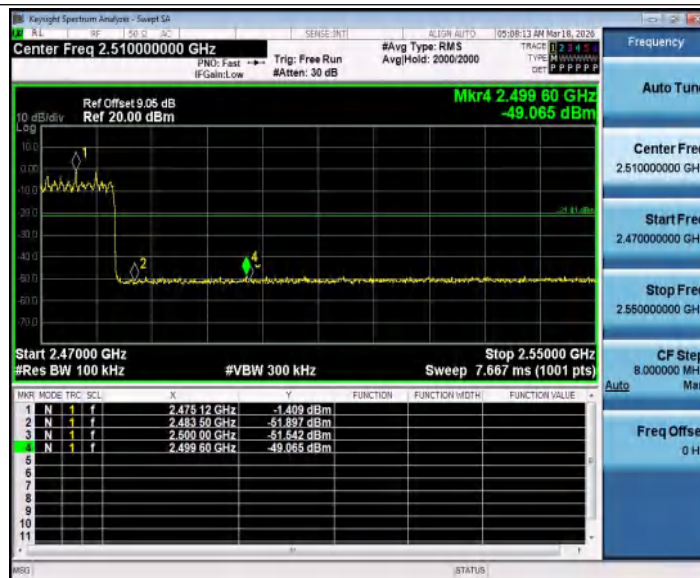
2DH1_Ant1_High_2480



2DH1_Ant1_Low_Hop_2402



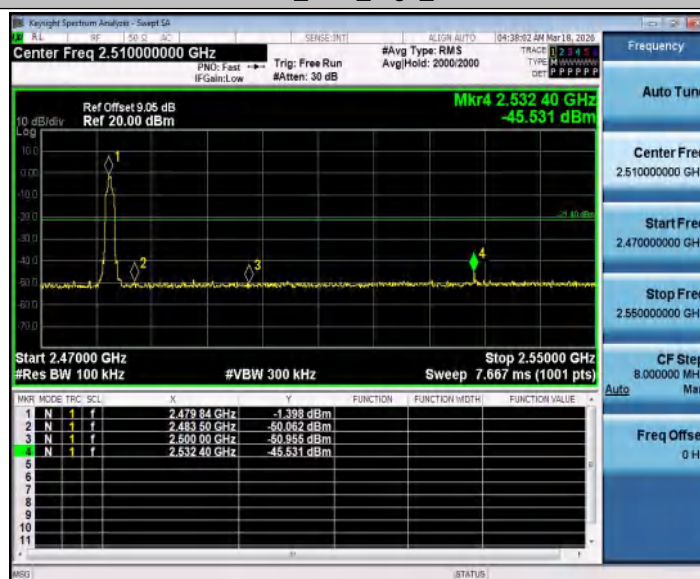
2DH1_Ant1_High_Hop_2480



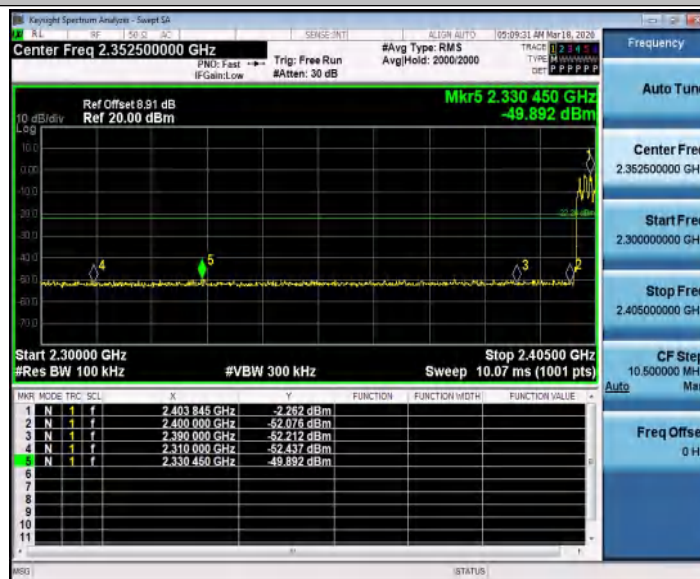
3DH1_Ant1_Low_2402



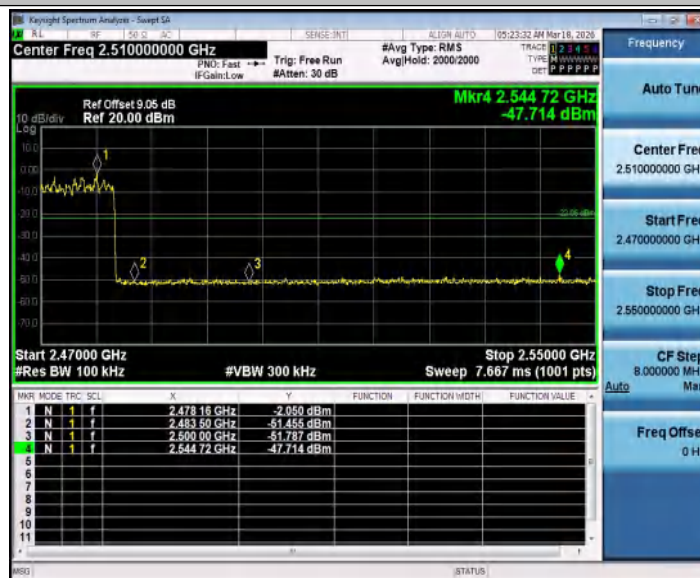
3DH1_Ant1_High_2480



3DH1_Ant1_Low_Hop_2402



3DH1_Ant1_High_Hop_2480



Appendix A.8: Conducted Spurious Emission

Test Result

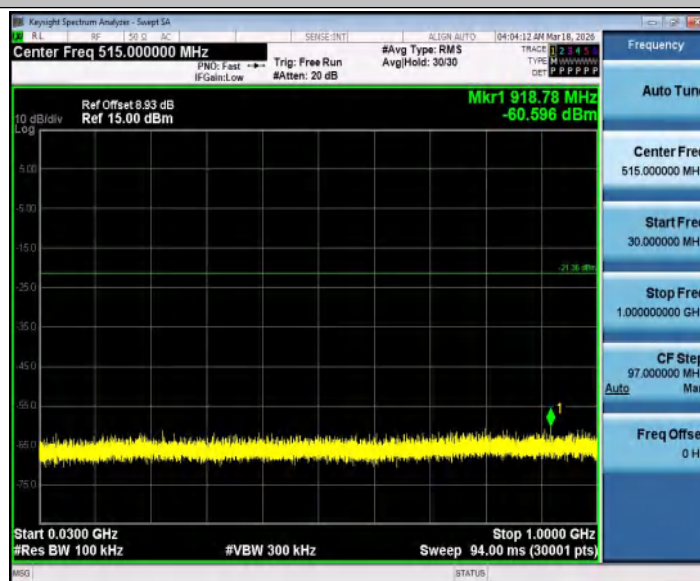
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	2402	Reference	-1.36	-1.36	---	PASS
			30~1000	-1.36	-60.6	≤-21.36	PASS
			1000~26500	-1.36	-47.97	≤-21.36	PASS
		2441	Reference	0.12	0.12	---	PASS
			30~1000	0.12	-59.75	≤-19.88	PASS
			1000~26500	0.12	-47.61	≤-19.88	PASS
		2480	Reference	-1.15	-1.15	---	PASS
			30~1000	-1.15	-60.35	≤-21.15	PASS
			1000~26500	-1.15	-47.39	≤-21.15	PASS
2DH1	Ant1	2402	Reference	-1.74	-1.74	---	PASS
			30~1000	-1.74	-60.34	≤-21.74	PASS
			1000~26500	-1.74	-47.68	≤-21.74	PASS
		2441	Reference	-0.23	-0.23	---	PASS
			30~1000	-0.23	-60.85	≤-20.23	PASS
			1000~26500	-0.23	-47.26	≤-20.23	PASS
		2480	Reference	-1.48	-1.48	---	PASS
			30~1000	-1.48	-60.53	≤-21.48	PASS
			1000~26500	-1.48	-47.71	≤-21.48	PASS
3DH1	Ant1	2402	Reference	-1.72	-1.72	---	PASS
			30~1000	-1.72	-60.5	≤-21.72	PASS
			1000~26500	-1.72	-48	≤-21.72	PASS
		2441	Reference	-0.24	-0.24	---	PASS
			30~1000	-0.24	-59.31	≤-20.24	PASS
			1000~26500	-0.24	-47.61	≤-20.24	PASS
		2480	Reference	-1.50	-1.50	---	PASS
			30~1000	-1.50	-59.93	≤-21.5	PASS
			1000~26500	-1.50	-47.78	≤-21.5	PASS

Test Graphs

DH1_Ant1_2402_0~Reference



DH1_Ant1_2402_30~1000



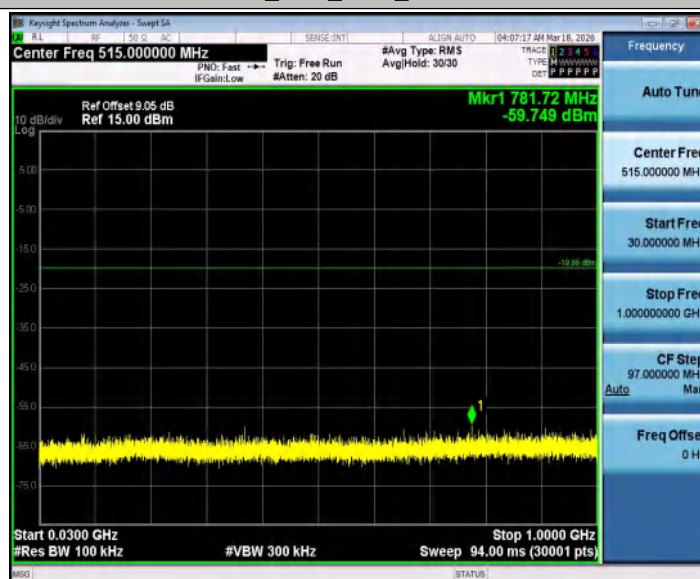
DH1_Ant1_2402_1000~26500



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



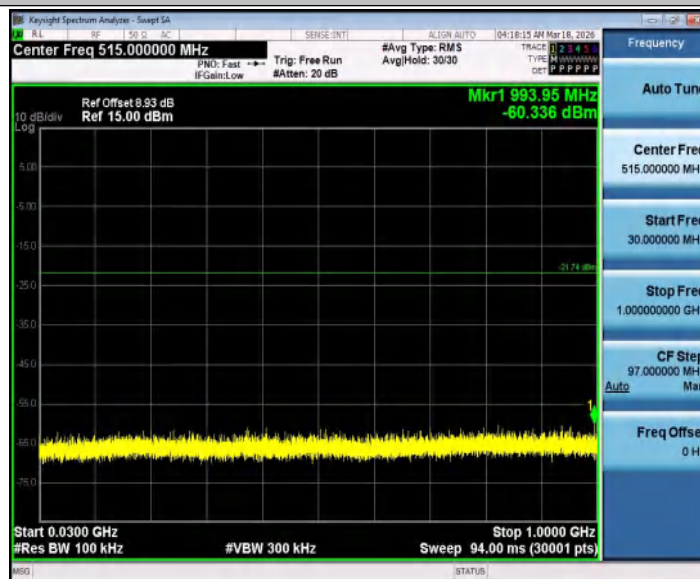
DH1_Ant1_2480_1000~26500



2DH1_Ant1_2402_0~Reference



2DH1_Ant1_2402_30~1000



2DH1_Ant1_2402_1000~26500



2DH1_Ant1_2441_0~Reference

2DH1_Ant1_2480_0~Reference



2DH1_Ant1_2480_30~1000



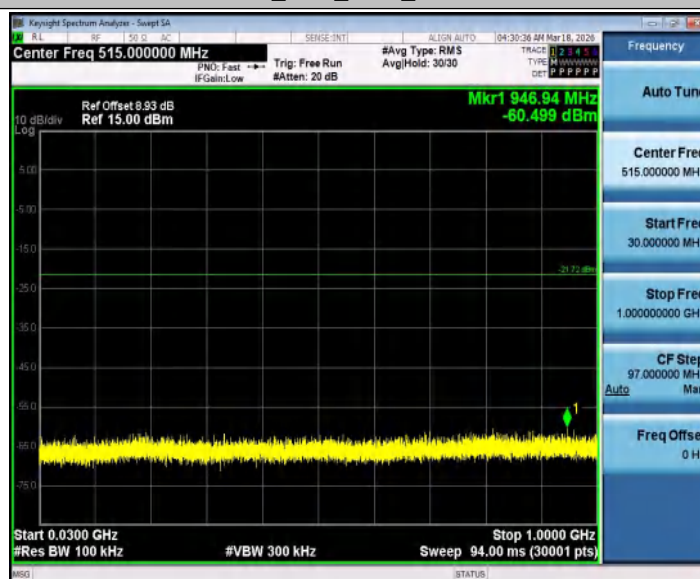
2DH1_Ant1_2480_1000~26500



3DH1_Ant1_2402_0~Reference



3DH1_Ant1_2402_30~1000



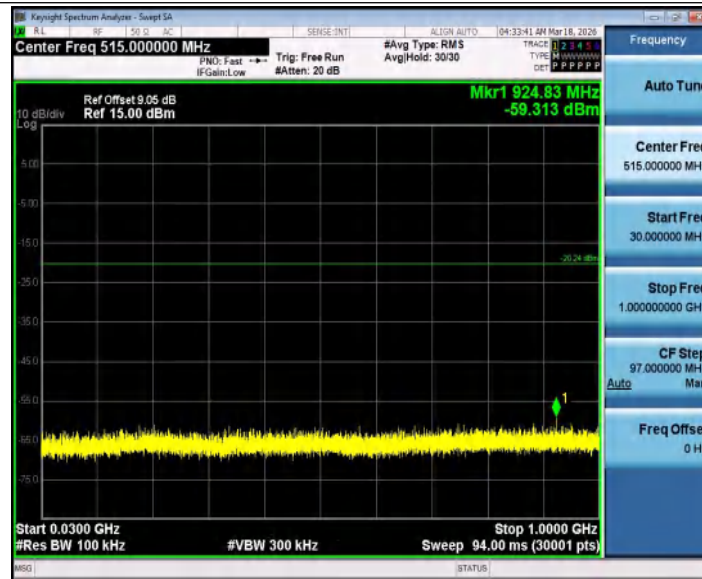
3DH1_Ant1_2402_1000~26500



3DH1_Ant1_2441_0~Reference



3DH1_Ant1_2441_30~1000

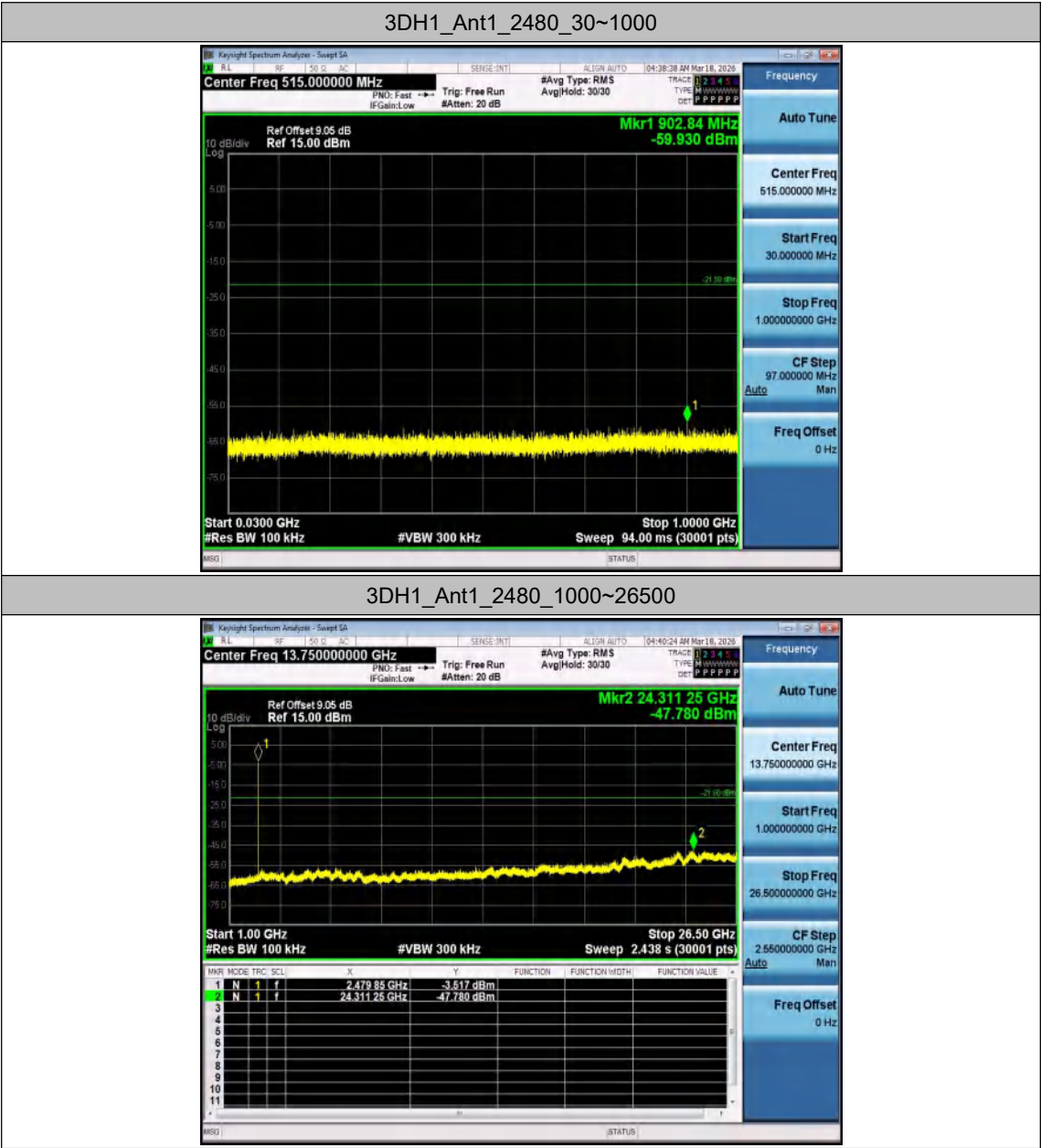


3DH1_Ant1_2441_1000~26500



3DH1_Ant1_2480_0~Reference





Appendix A.9: Emissions in Restricted Bands

Test Result

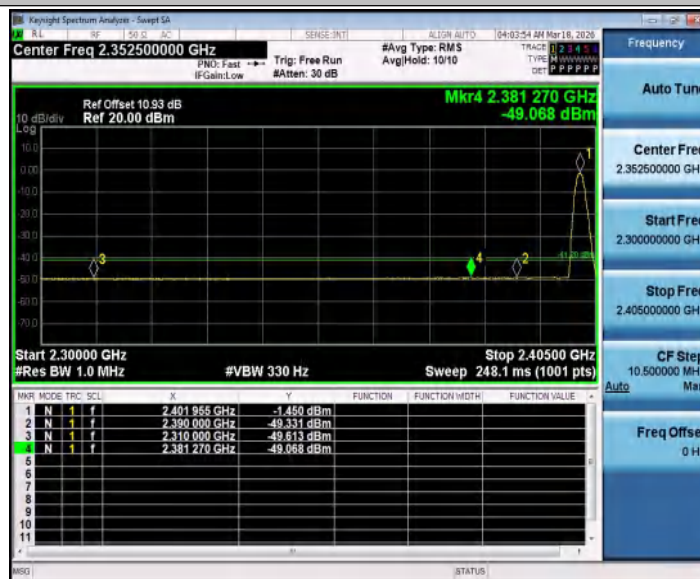
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
DH1	Ant1	Low	2402	AV	2310.000	-49.61	≤-41.20	45.59	≤54	PASS
				AV	2381.270	-49.07	≤-41.20	46.13	≤54	PASS
				AV	2390.000	-49.33	≤-41.20	45.87	≤54	PASS
				Peak	2310.000	-42.49	≤-21.20	52.71	≤74	PASS
				Peak	2315.120	-38.84	≤-21.20	56.36	≤74	PASS
				Peak	2390.000	-39.68	≤-21.20	55.52	≤74	PASS
		High	2480	AV	2483.500	-48.77	≤-41.20	46.43	≤54	PASS
				AV	2498.000	-48.55	≤-41.20	46.65	≤54	PASS
				AV	2500.000	-48.72	≤-41.20	46.48	≤54	PASS
				Peak	2483.500	-40.68	≤-21.20	54.52	≤74	PASS
				Peak	2497.600	-38.89	≤-21.20	56.31	≤74	PASS
				Peak	2500.000	-41.5	≤-21.20	53.70	≤74	PASS
2DH1	Ant1	Low	2402	AV	2310.000	-49.53	≤-41.20	45.67	≤54	PASS
				AV	2388.725	-49.14	≤-41.20	46.06	≤54	PASS
				AV	2390.000	-49.24	≤-41.20	45.96	≤54	PASS
				Peak	2310.000	-41.08	≤-21.20	54.12	≤74	PASS
				Peak	2348.615	-37.88	≤-21.20	57.32	≤74	PASS
				Peak	2390.000	-40.68	≤-21.20	54.52	≤74	PASS
		High	2480	AV	2483.500	-48.82	≤-41.20	46.38	≤54	PASS
				AV	2499.360	-48.54	≤-41.20	46.66	≤54	PASS
				AV	2500.000	-48.71	≤-41.20	46.49	≤54	PASS
				Peak	2483.500	-42.19	≤-21.20	53.01	≤74	PASS
				Peak	2495.680	-38.38	≤-21.20	56.82	≤74	PASS
				Peak	2500.000	-39.07	≤-21.20	56.13	≤74	PASS
3DH1	Ant1	Low	2402	AV	2310.000	-49.56	≤-41.20	45.64	≤54	PASS
				AV	2386.520	-49.11	≤-41.20	46.09	≤54	PASS
				AV	2390.000	-49.3	≤-41.20	45.90	≤54	PASS
				Peak	2310.000	-41.21	≤-21.20	53.99	≤74	PASS
				Peak	2389.355	-39.35	≤-21.20	55.85	≤74	PASS
				Peak	2390.000	-41.93	≤-21.20	53.27	≤74	PASS
		High	2480	AV	2483.500	-48.82	≤-41.20	46.38	≤54	PASS
				AV	2499.120	-48.47	≤-41.20	46.73	≤54	PASS
				AV	2500.000	-48.62	≤-41.20	46.58	≤54	PASS
				Peak	2483.500	-42.37	≤-21.20	52.83	≤74	PASS
				Peak	2498.960	-38.15	≤-21.20	57.05	≤74	PASS
				Peak	2500.000	-41.32	≤-21.20	53.88	≤74	PASS

Note:

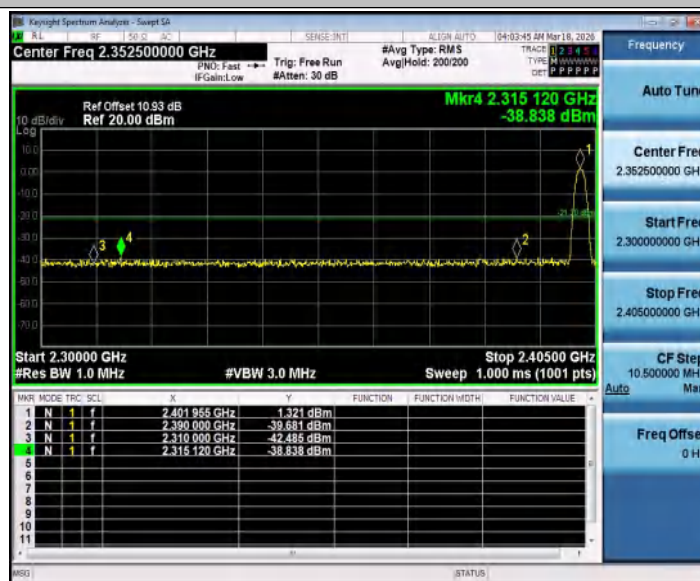
1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

DH1_Ant1_Low_2402_AV



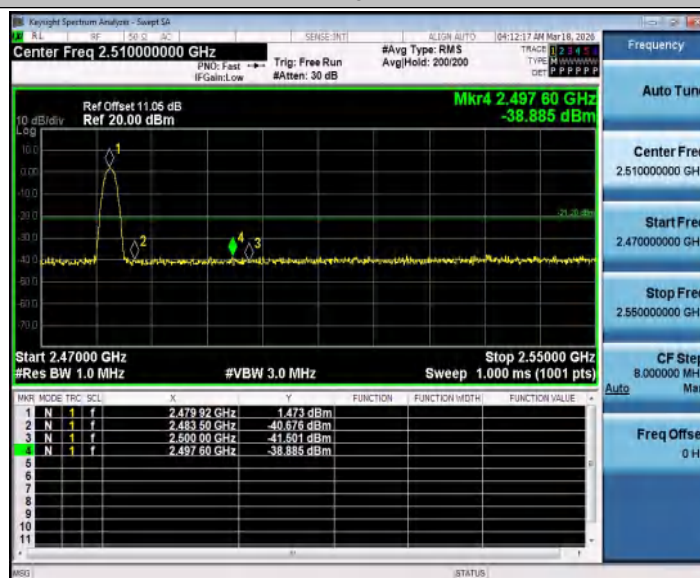
DH1_Ant1_Low_2402_Peak



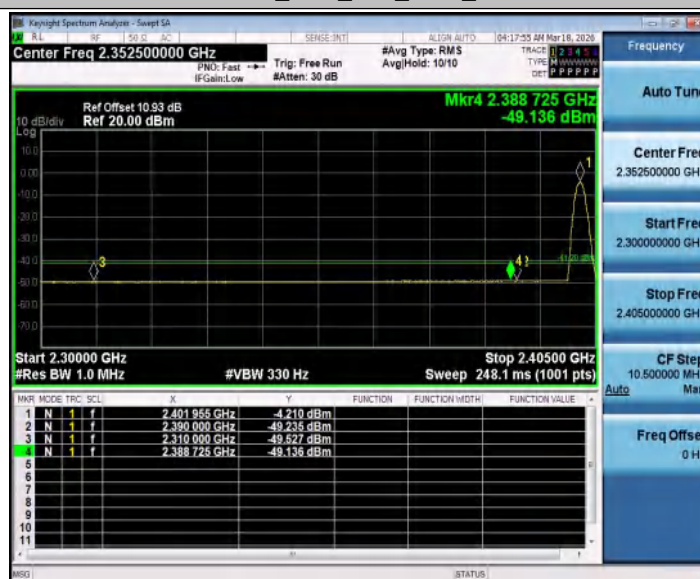
DH1_Ant1_High_2480_AV



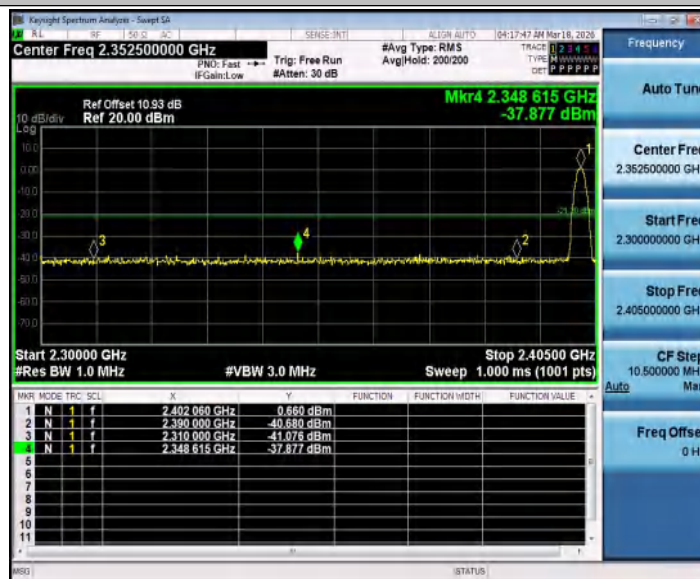
DH1_Ant1_High_2480_Peak



2DH1_Ant1_Low_2402_AV



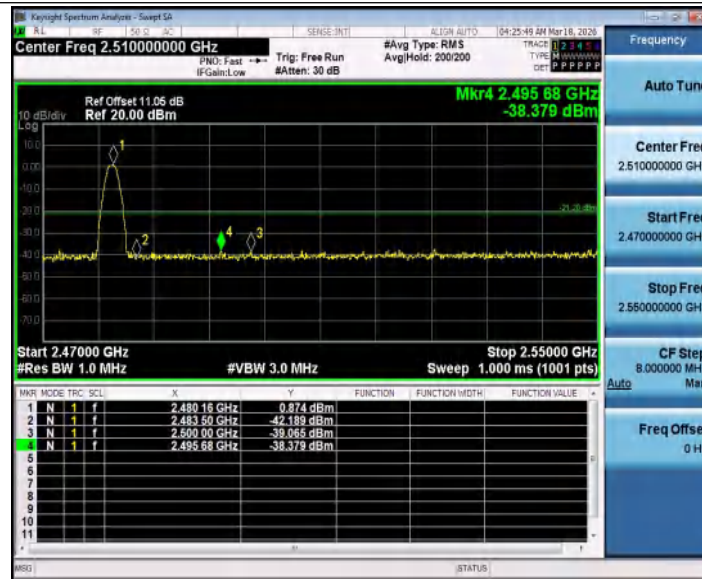
2DH1_Ant1_Low_2402_Peak



2DH1_Ant1_High_2480_AV



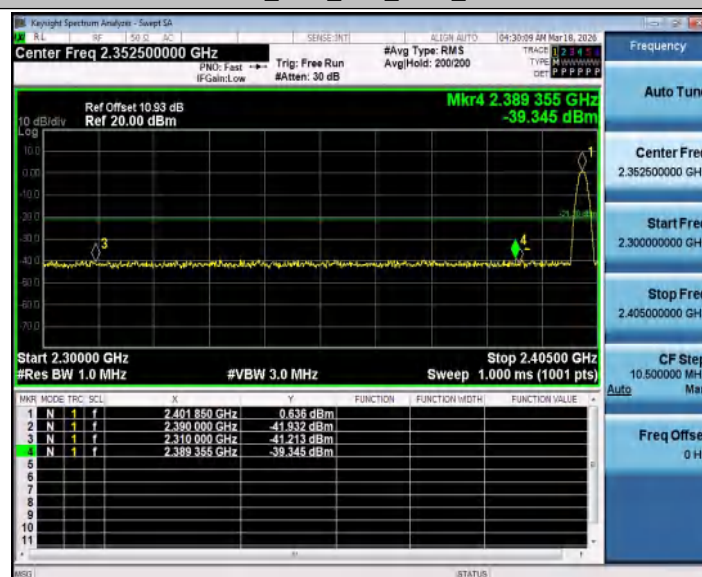
2DH1_Ant1_High_2480_Peak



3DH1_Ant1_Low_2402_AV



3DH1_Ant1_Low_2402_Peak



3DH1_Ant1_High_2480_AV



3DH1_Ant1_High_2480_Peak

