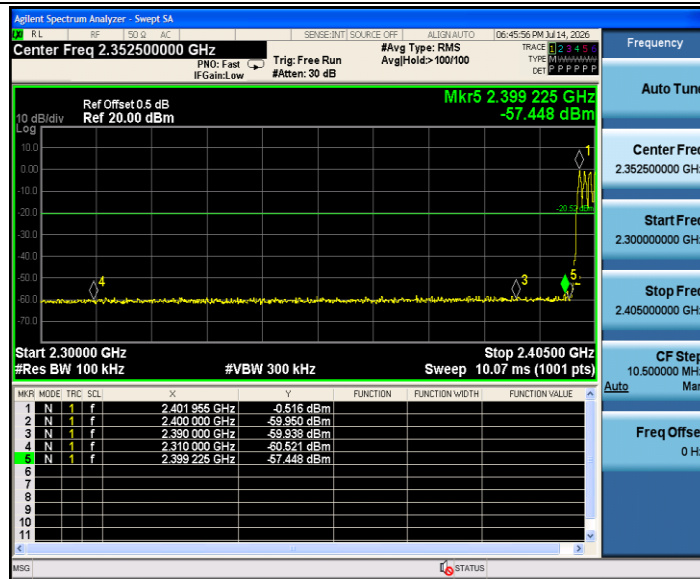
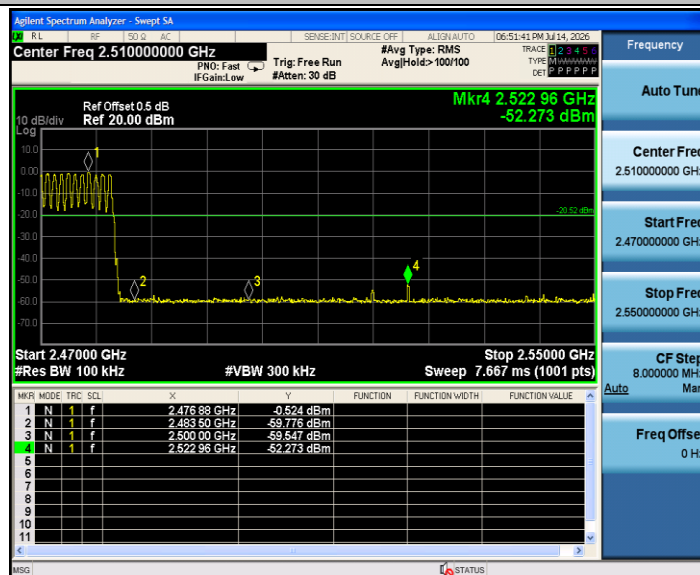
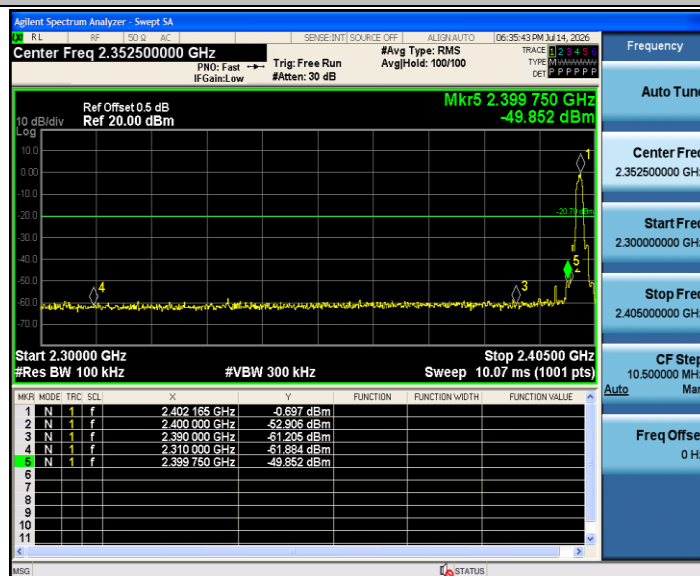




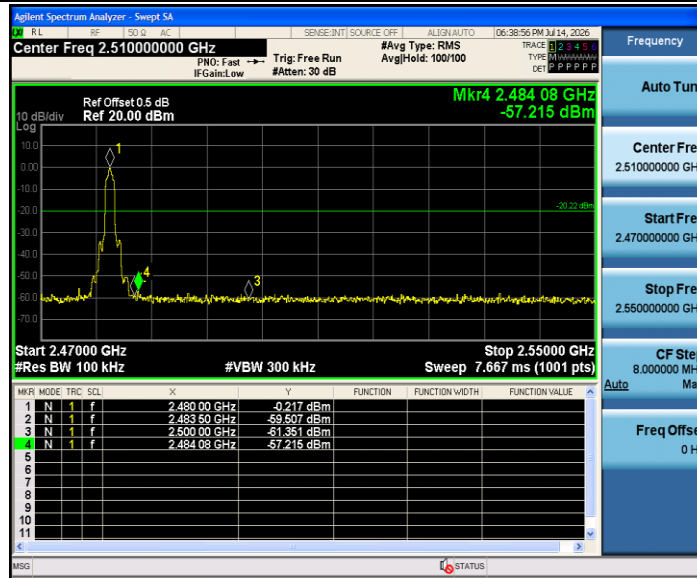
DH5_Ant1_High_Hop_2480



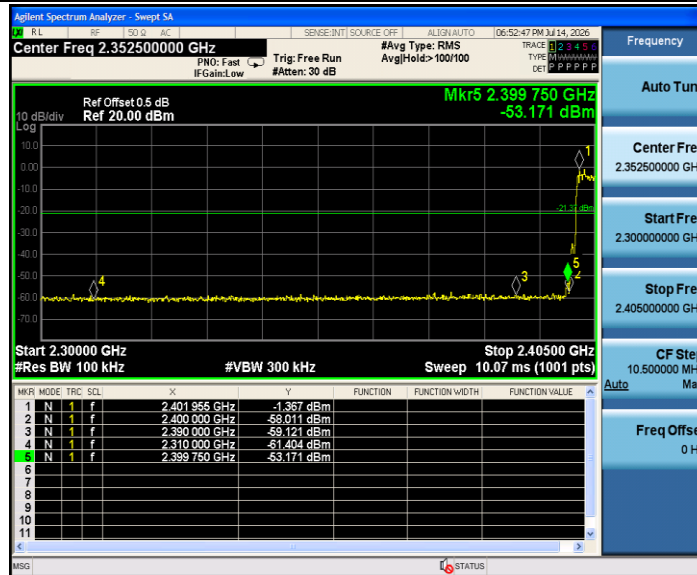
2DH5_Ant1_Low_2402



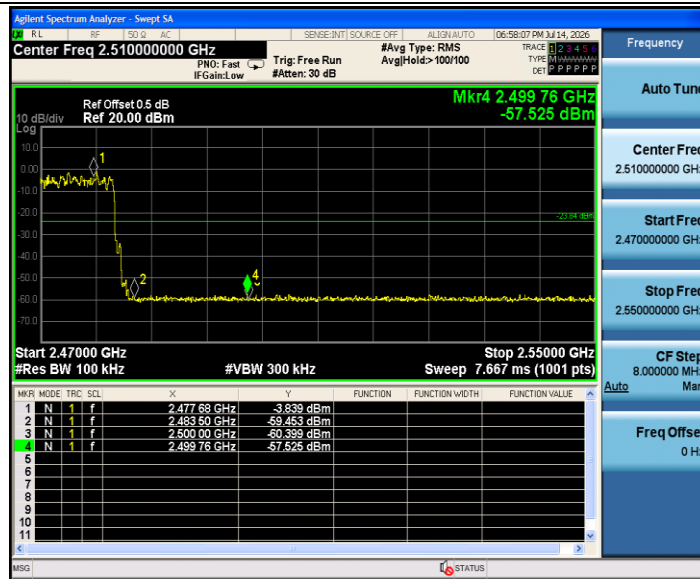
2DH5_Ant1_High_2480



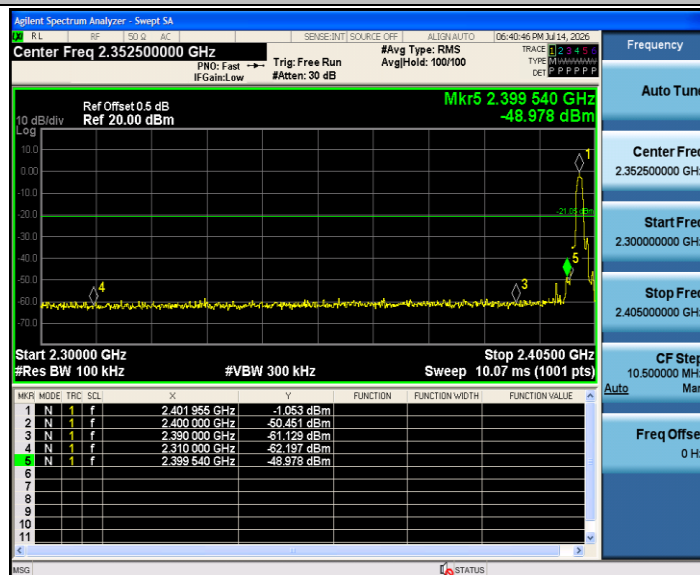
2DH5_Ant1_Low_Hop_2402



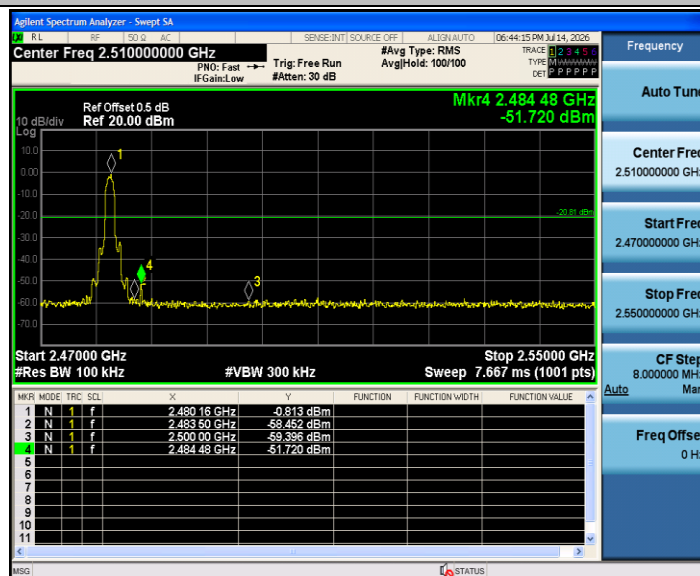
2DH5_Ant1_High_Hop_2480



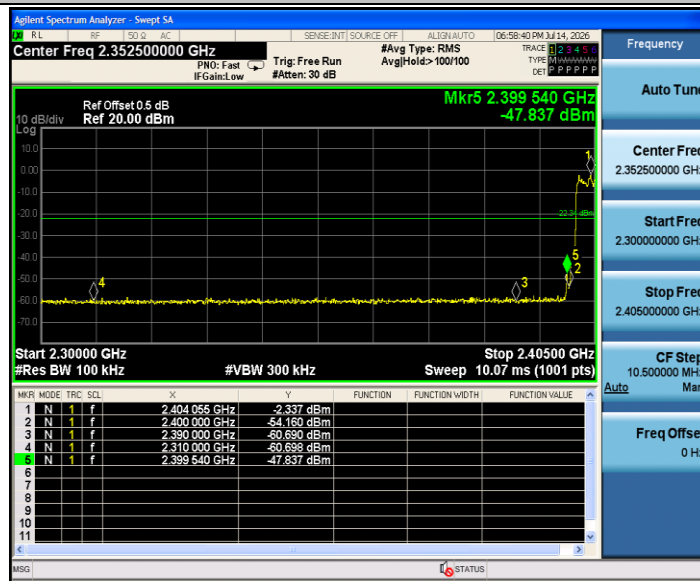
3DH5_Ant1_Low_2402



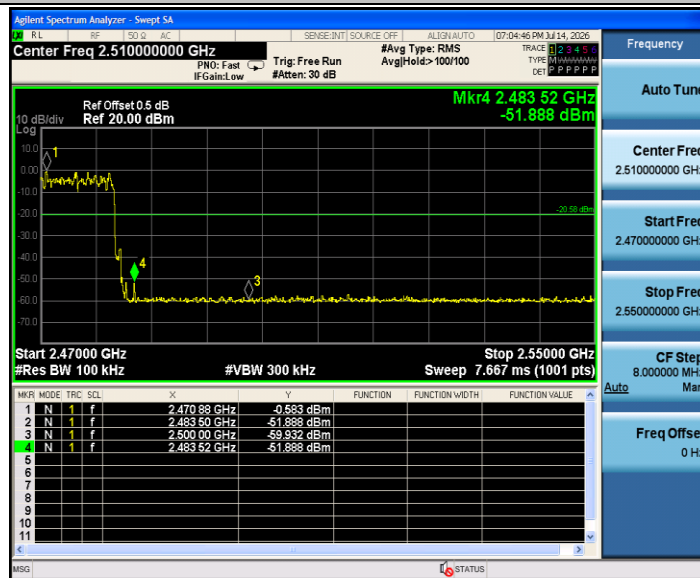
3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480

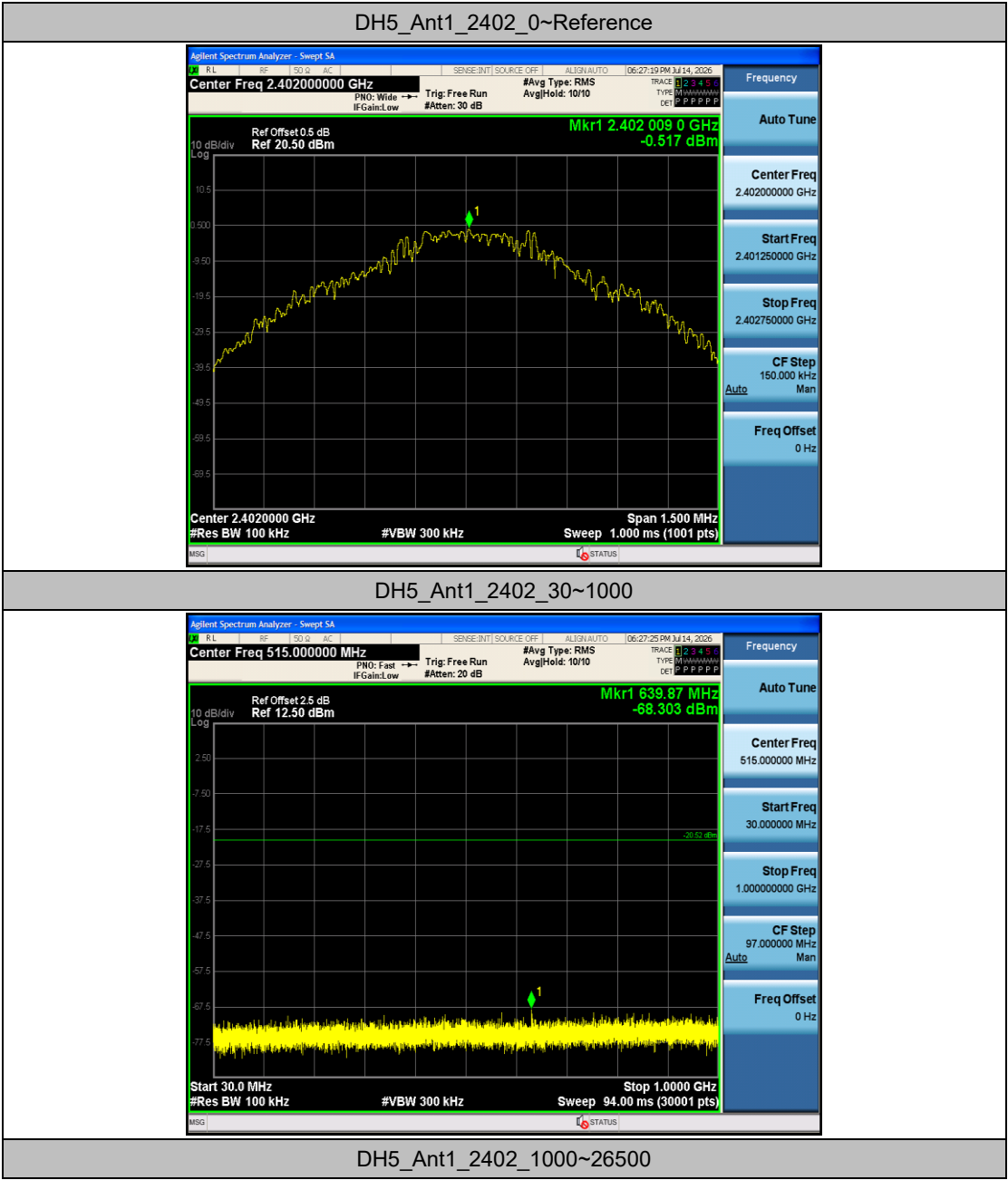


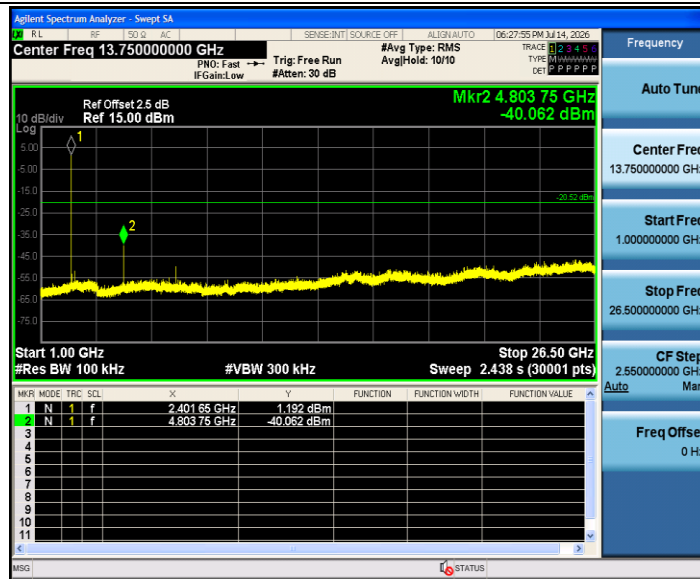
Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-0.52	-0.52	---	PASS
			30~1000	-0.52	-68.3	≤-20.52	PASS
			1000~26500	-0.52	-40.06	≤-20.52	PASS
		2441	Reference	-0.40	-0.40	---	PASS
			30~1000	-0.40	-69.17	≤-20.4	PASS
			1000~26500	-0.40	-40.89	≤-20.4	PASS
		2480	Reference	-1.00	-1.00	---	PASS
			30~1000	-1.00	-69.45	≤-21	PASS
			1000~26500	-1.00	-42.63	≤-21	PASS
2DH5	Ant1	2402	Reference	-1.82	-1.82	---	PASS
			30~1000	-1.82	-69.52	≤-21.82	PASS
			1000~26500	-1.82	-42.71	≤-21.82	PASS
		2441	Reference	0.04	0.04	---	PASS
			30~1000	0.04	-69.58	≤-19.96	PASS
			1000~26500	0.04	-43.9	≤-19.96	PASS
		2480	Reference	-1.74	-1.74	---	PASS
			30~1000	-1.74	-68.71	≤-21.74	PASS
			1000~26500	-1.74	-42.24	≤-21.74	PASS
3DH5	Ant1	2402	Reference	-0.56	-0.56	---	PASS
			30~1000	-0.56	-68.74	≤-20.56	PASS
			1000~26500	-0.56	-38.82	≤-20.56	PASS
		2441	Reference	-0.48	-0.48	---	PASS
			30~1000	-0.48	-68.81	≤-20.48	PASS
			1000~26500	-0.48	-43.13	≤-20.48	PASS
		2480	Reference	-2.64	-2.64	---	PASS
			30~1000	-2.64	-69.67	≤-22.64	PASS
			1000~26500	-2.64	-40.54	≤-22.64	PASS

Test Graphs

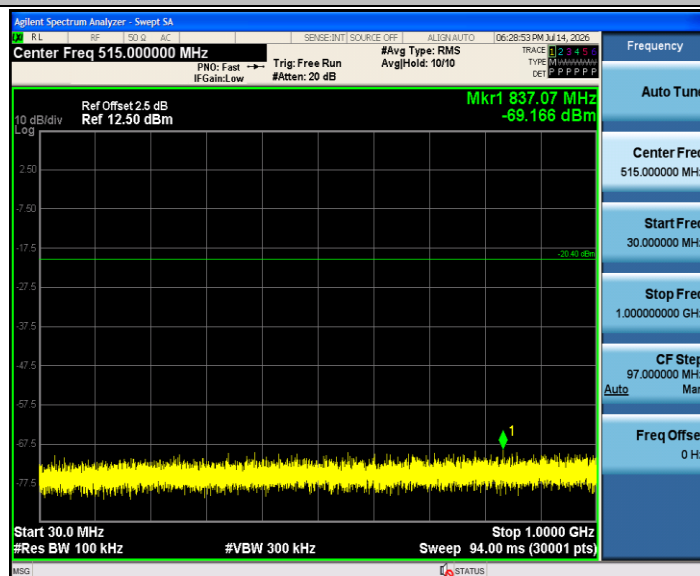




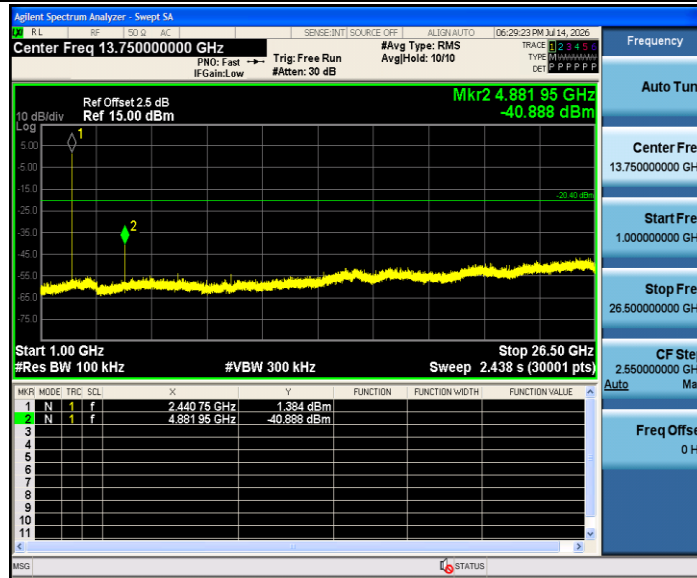
DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000



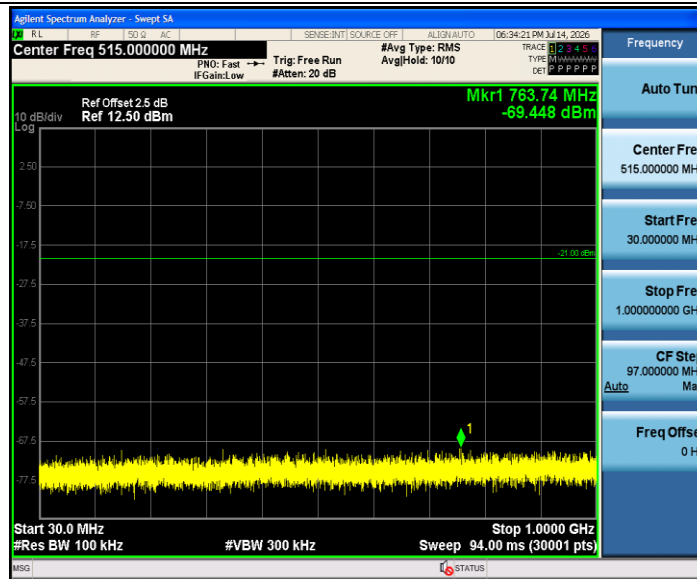
DH5_Ant1_2441_1000~26500



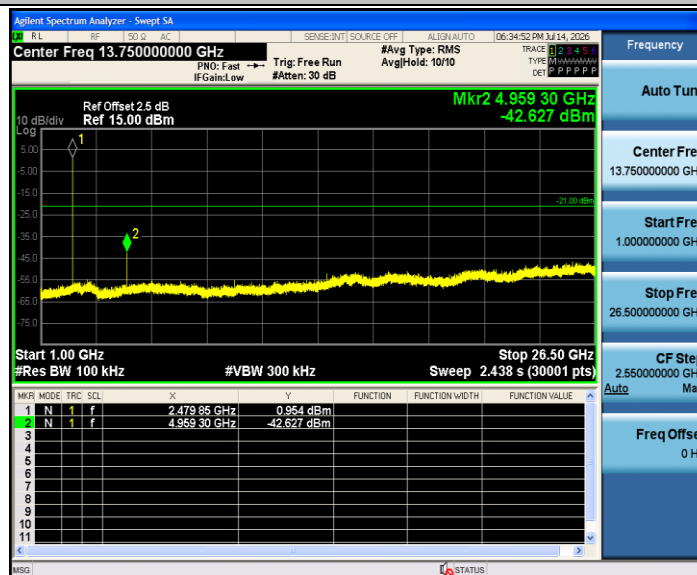
DH5_Ant1_2480_0~Reference



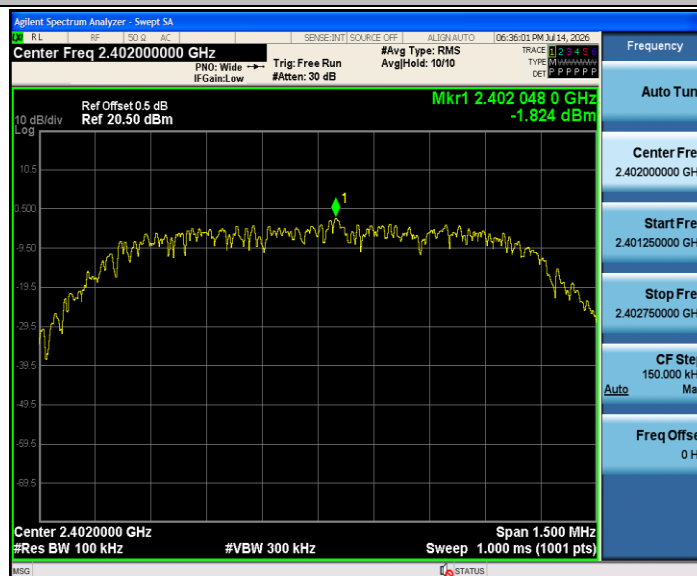
DH5_Ant1_2480_30~1000



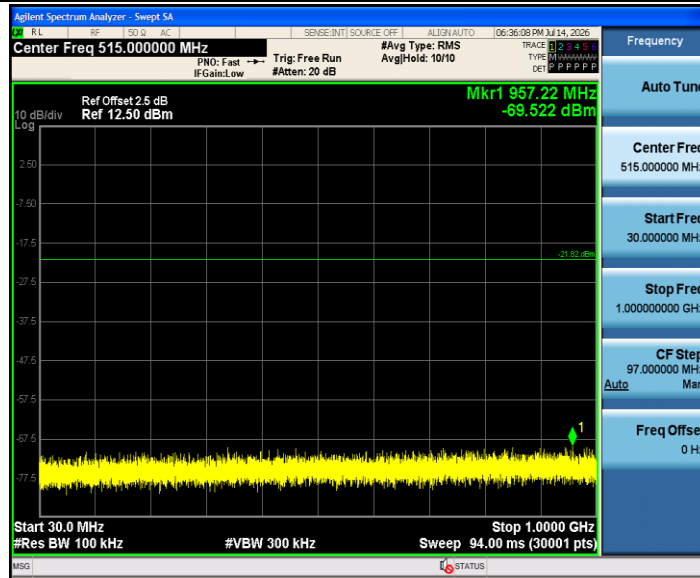
DH5_Ant1_2480_1000~26500



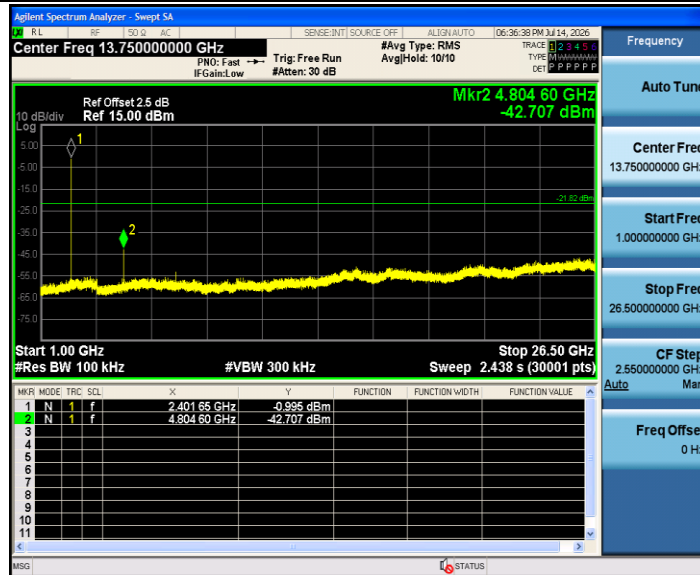
2DH5_Ant1_2402_0~Reference



2DH5_Ant1_2402_30~1000



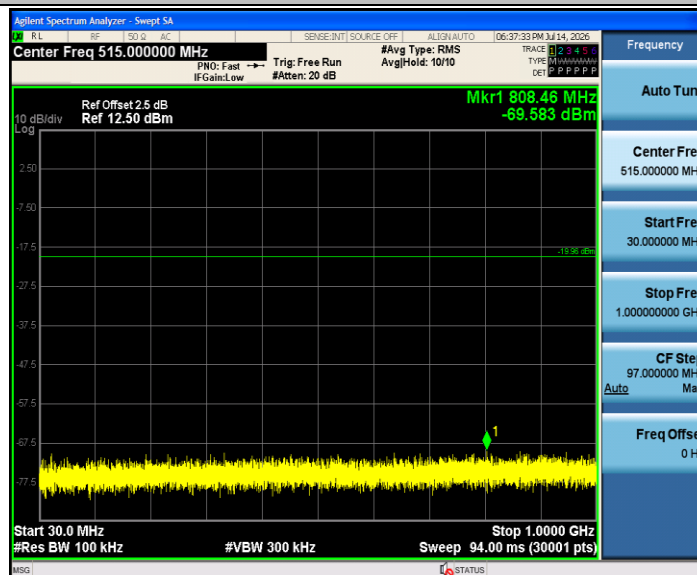
2DH5_Ant1_2402_1000~26500



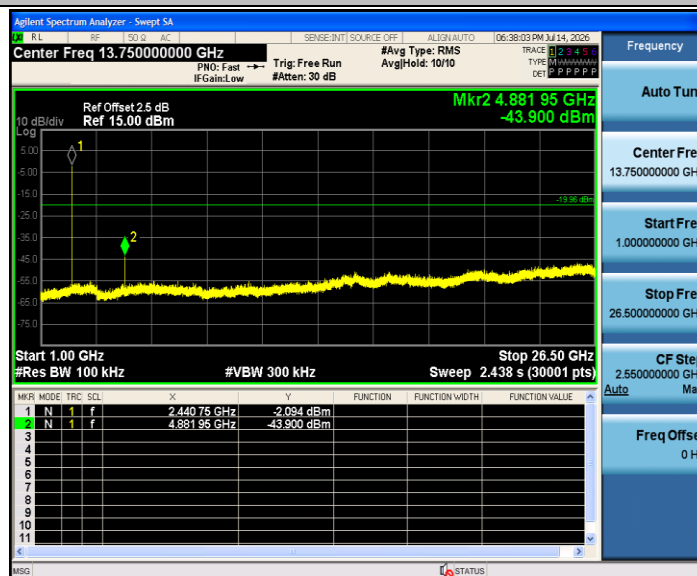
2DH5_Ant1_2441_0~Reference



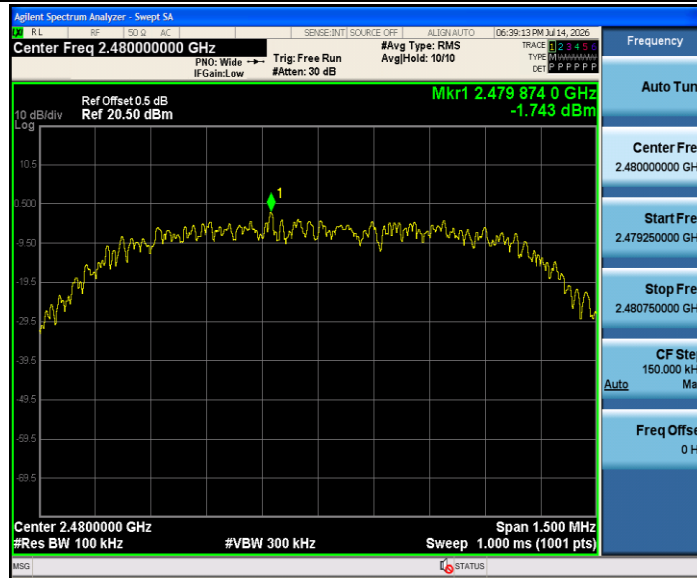
2DH5_Ant1_2441_30~1000



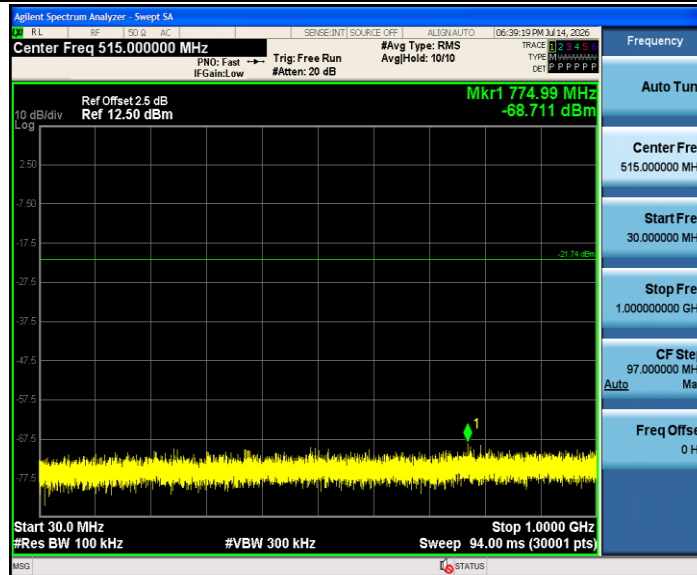
2DH5_Ant1_2441_1000~26500



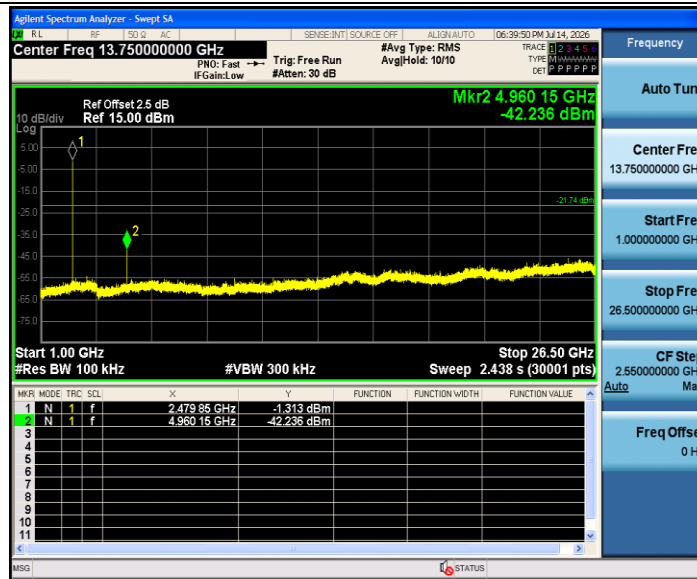
2DH5_Ant1_2480_0~Reference



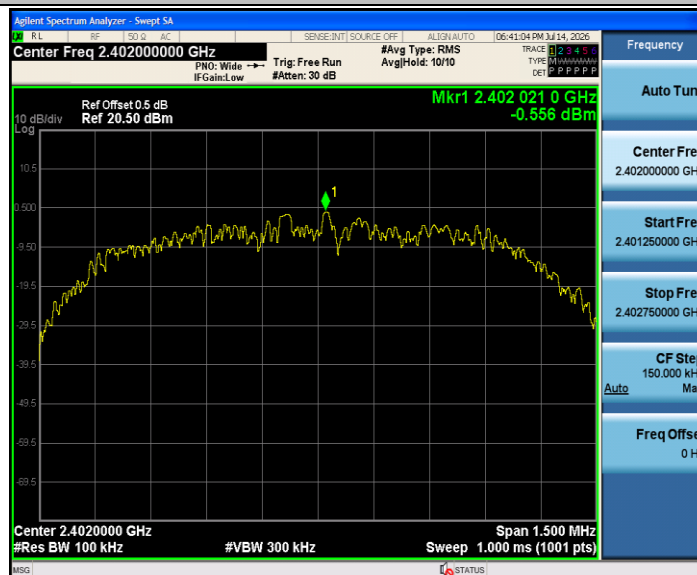
2DH5_Ant1_2480_30~1000



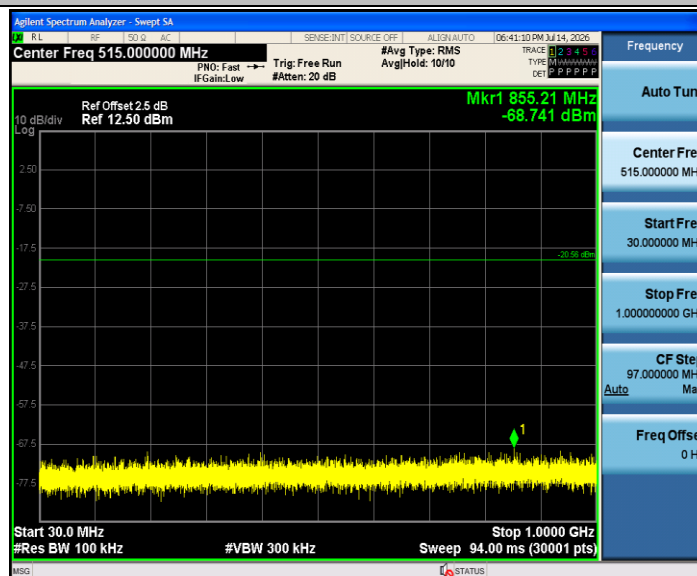
2DH5_Ant1_2480_1000~26500



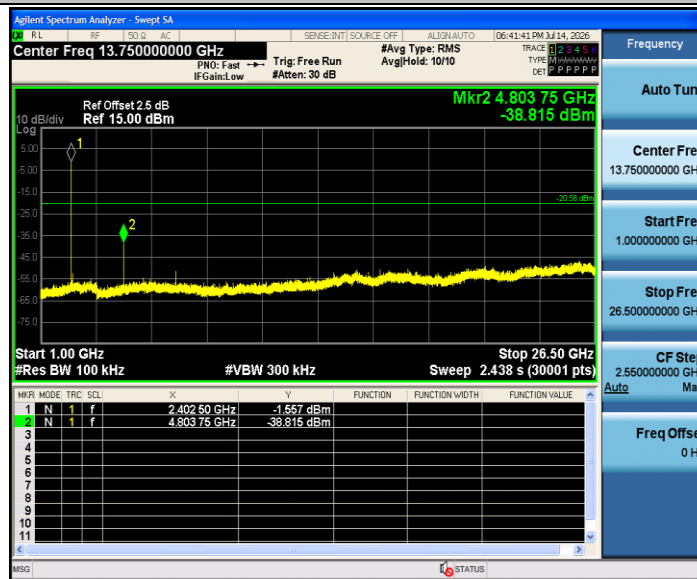
3DH5_Ant1_2402_0~Reference



3DH5_Ant1_2402_30~1000



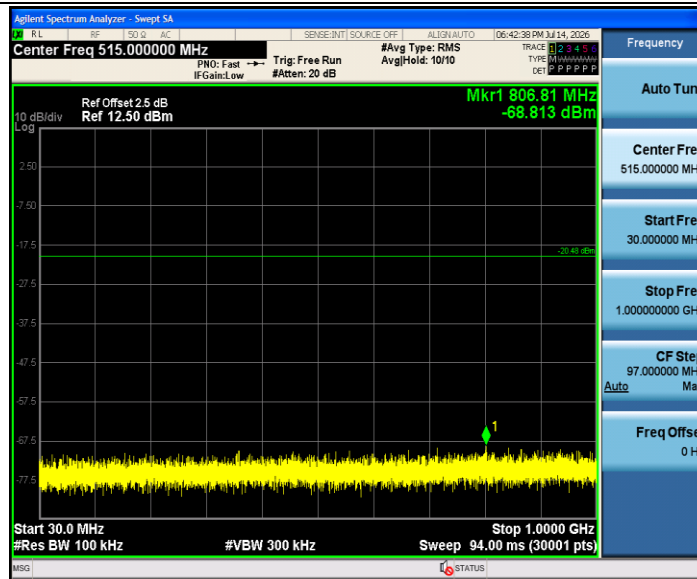
3DH5_Ant1_2402_1000~26500



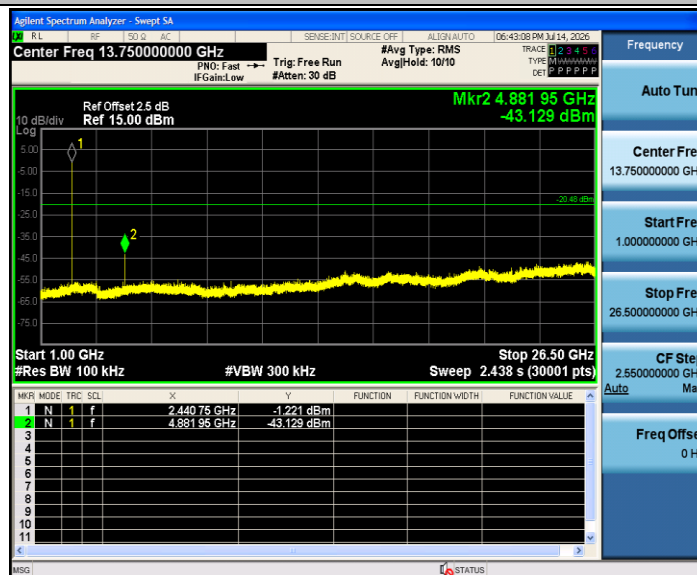
3DH5_Ant1_2441_0~Reference



3DH5_Ant1_2441_30~1000



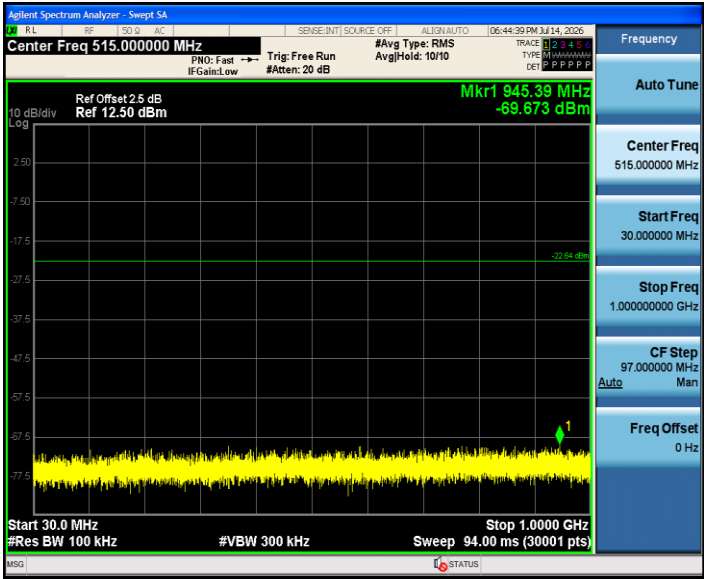
3DH5_Ant1_2441_1000~26500



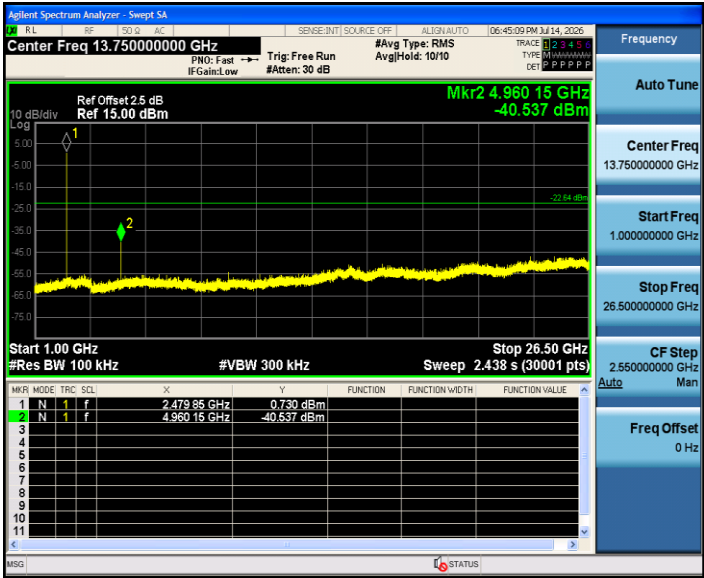
3DH5_Ant1_2480_0~Reference



3DH5_Ant1_2480_30~1000



3DH5_Ant1_2480_1000~26500



Appendix I: Duty Cycle

Test Result

TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	DC [%]	xFactor	Limit	Verdict
DH5	Ant1	2402	2.91	3.75	77.60	1.10	---	---
		2441	2.91	3.75	77.60	1.10	---	---
		2480	2.91	3.75	77.60	1.10	---	---
2DH5	Ant1	2402	2.92	3.76	77.66	1.10	---	---
		2441	2.92	3.75	77.87	1.09	---	---
		2480	2.91	3.75	77.60	1.10	---	---
3DH5	Ant1	2402	2.92	3.75	77.87	1.09	---	---
		2441	2.92	3.74	78.07	1.08	---	---
		2480	2.92	3.76	77.66	1.10	---	---

DH5_Ant1_2402

Agilent Spectrum Analyzer - Sweep SA

Center Freq 2.402000000 GHz

Ref Offset 0.5 dB
Ref 10.50 dBm

Trig Delay: 2.000 ms
Trig: Video
#Atten: 20 dB

ΔMkr3 3.750 ms
4.89 dB

Center 2.402000000 GHz
Res BW 8 MHz
#VBW 8.0 MHz
Sweep 7.000 ms (1001 pts)

MKR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	1.980 ms	-9.89 dBm			
2	Δ1	1	t	2.910 ms (Δ)	-9.32 dB			
3	Δ1	1	t	3.750 ms (Δ)	4.89 dB			

DH5_Ant1_2441

Agilent Spectrum Analyzer - Sweep SA

Center Freq 2.441000000 GHz

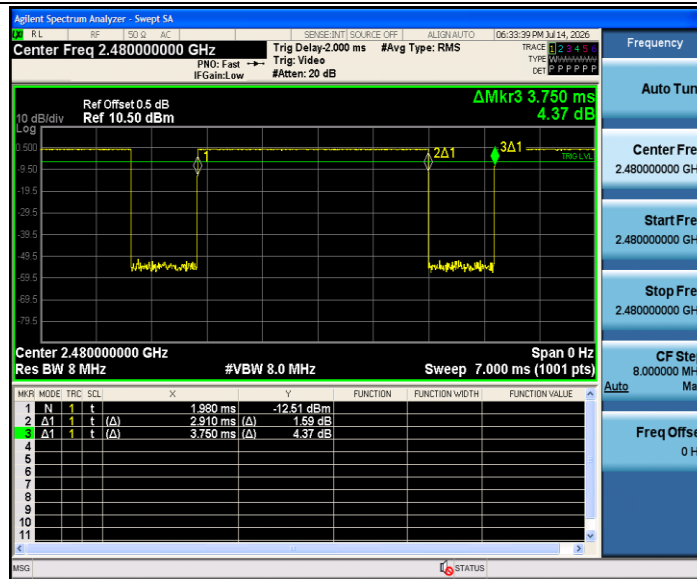
Ref Offset 0.5 dB
Ref 10.50 dBm

Trig Delay: 2.000 ms
Trig: Video
#Atten: 20 dB

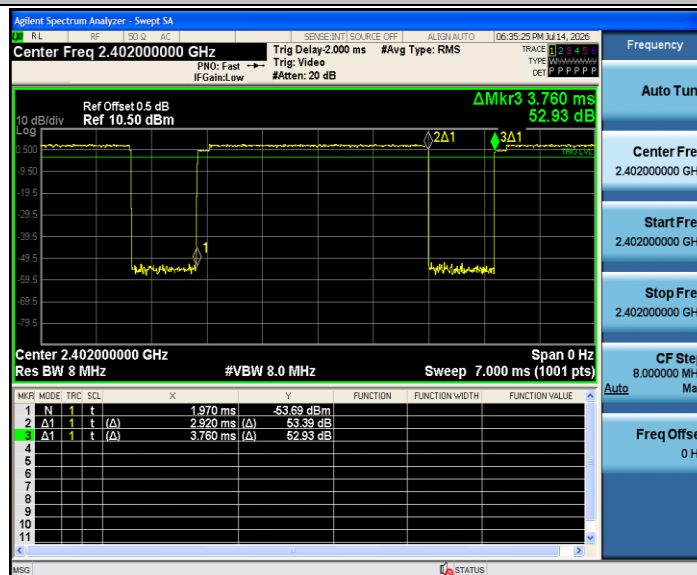
ΔMkr3 3.750 ms
4.83 dB

Center 2.441000000 GHz
Res BW 8 MHz
#VBW 8.0 MHz
Sweep 7.000 ms (1001 pts)

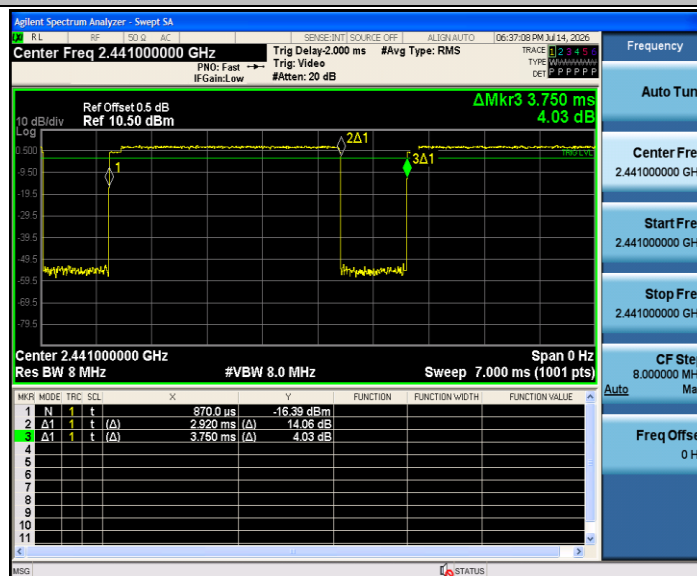
MKR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	1.980 ms	-10.28 dBm			
2	Δ1	1	t	2.910 ms (Δ)	-8.63 dB			
3	Δ1	1	t	3.750 ms (Δ)	4.83 dB			



2DH5_Ant1_2402

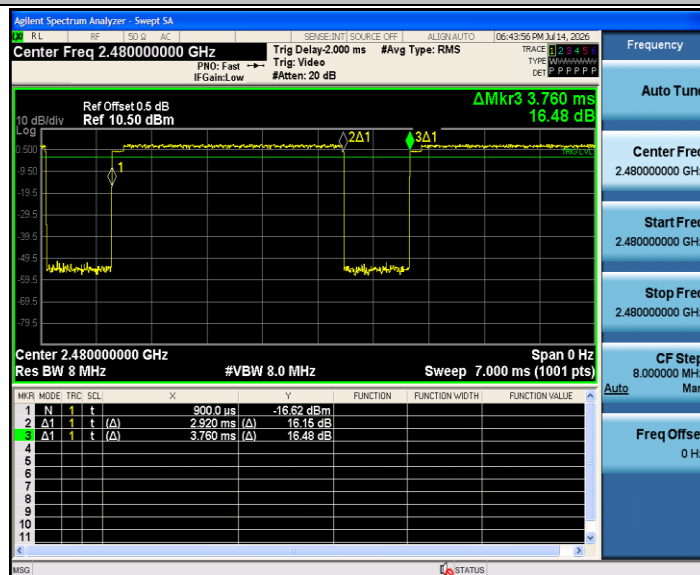


2DH5_Ant1_2441





3DH5_Ant1_2480



Appendix J: Emissions in Restricted Bands

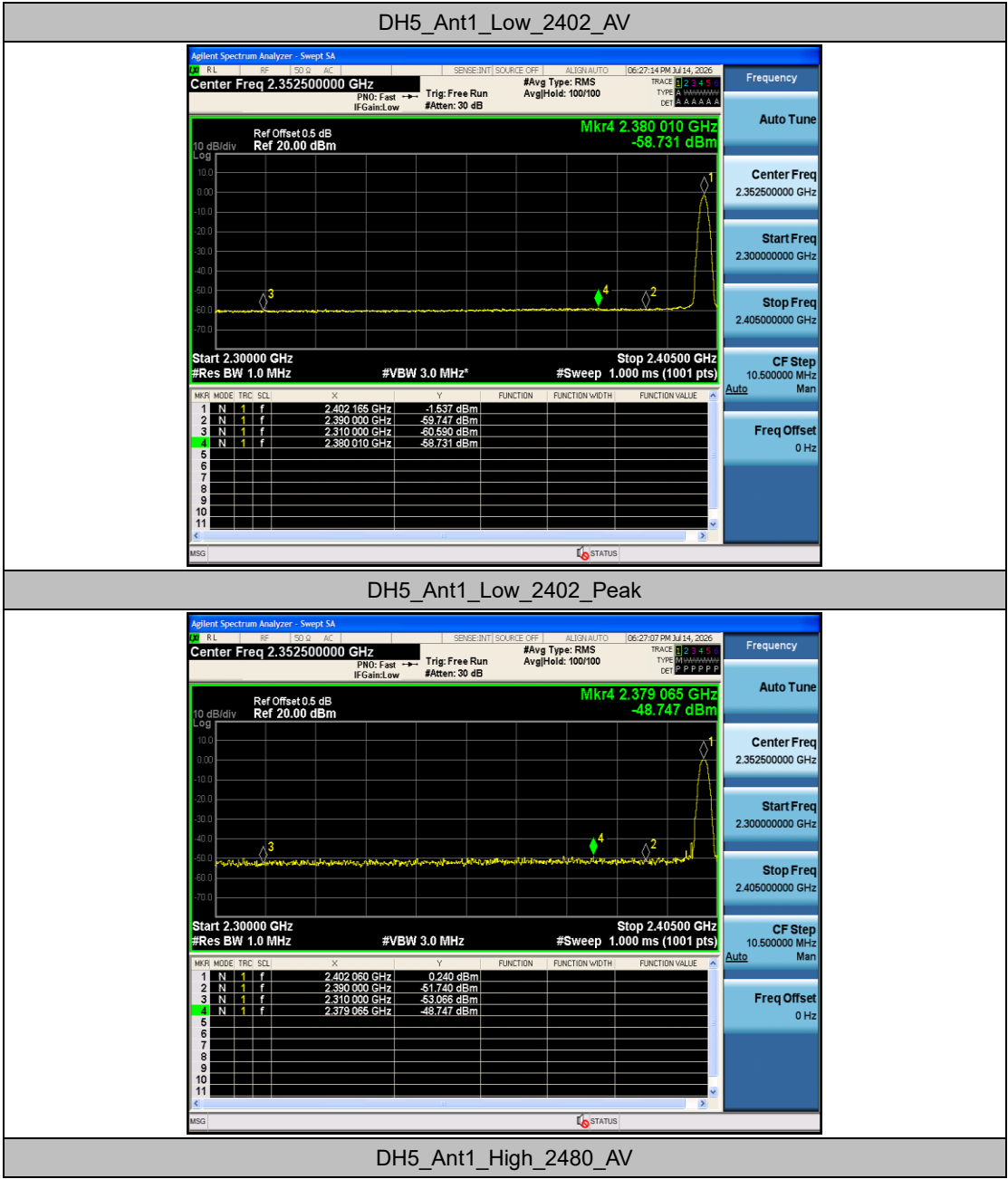
Test Result

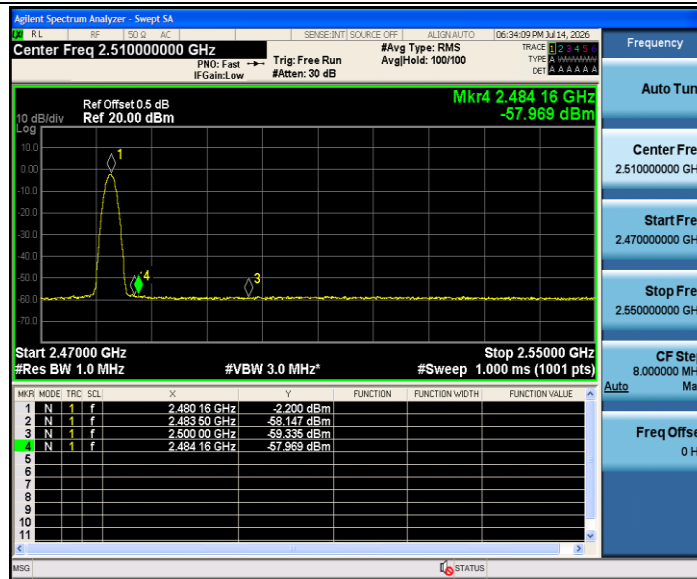
TestMod e	Antenn a	ChNam e	Freq(MH z)	Detector	Freq [MHz]	Result [dBm]	Gain [dB]	DC Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
DH5	Ant1	Low	2402	AV	2310.000	-60.59	2.00	1.10	37.71	≤54	PASS
				AV	2380.010	-58.73	2.00	1.10	39.57	≤54	PASS
				AV	2390.000	-59.75	2.00	1.10	38.55	≤54	PASS
				Peak	2310.000	-53.07	2.00	0.00	44.13	≤74	PASS
				Peak	2379.065	-48.75	2.00	0.00	48.45	≤74	PASS
				Peak	2390.000	-51.74	2.00	0.00	45.46	≤74	PASS
		High	2480	AV	2483.500	-58.15	2.00	1.10	40.15	≤54	PASS
				AV	2484.160	-57.97	2.00	1.10	40.33	≤54	PASS
				AV	2500.000	-59.34	2.00	1.10	38.96	≤54	PASS
				Peak	2483.500	-49.43	2.00	0.00	47.77	≤74	PASS
				Peak	2483.760	-48.2	2.00	0.00	49.00	≤74	PASS
				Peak	2500.000	-51.29	2.00	0.00	45.91	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-60.73	2.00	1.10	37.57	≤54	PASS
				AV	2377.910	-58.83	2.00	1.10	39.47	≤54	PASS
				AV	2390.000	-59.88	2.00	1.10	38.42	≤54	PASS
				Peak	2310.000	-51.49	2.00	0.00	45.71	≤74	PASS
				Peak	2370.875	-48.95	2.00	0.00	48.25	≤74	PASS
				Peak	2390.000	-52.02	2.00	0.00	45.18	≤74	PASS
		High	2480	AV	2483.500	-57.41	2.00	1.10	40.89	≤54	PASS
				AV	2483.520	-57.41	2.00	1.10	40.89	≤54	PASS
				AV	2500.000	-59.37	2.00	1.10	38.93	≤54	PASS
				Peak	2483.500	-47.93	2.00	0.00	49.27	≤74	PASS
				Peak	2484.880	-45.06	2.00	0.00	52.14	≤74	PASS
				Peak	2500.000	-50.41	2.00	0.00	46.79	≤74	PASS
3DH5	Ant1	Low	2402	AV	2310.000	-60.46	2.00	1.09	37.83	≤54	PASS
				AV	2389.460	-58.76	2.00	1.09	39.53	≤54	PASS
				AV	2390.000	-59	2.00	1.09	39.29	≤54	PASS
				Peak	2310.000	-53.36	2.00	0.00	43.84	≤74	PASS
				Peak	2379.590	-48.92	2.00	0.00	48.28	≤74	PASS
				Peak	2390.000	-52.39	2.00	0.00	44.81	≤74	PASS
		High	2480	AV	2483.500	-58.02	2.00	1.10	40.28	≤54	PASS
				AV	2483.760	-57.79	2.00	1.10	40.51	≤54	PASS
				AV	2500.000	-59.16	2.00	1.10	39.14	≤54	PASS
				Peak	2483.500	-46.03	2.00	0.00	51.17	≤74	PASS
				Peak	2483.520	-46.03	2.00	0.00	51.17	≤74	PASS
				Peak	2500.000	-51.54	2.00	0.00	45.66	≤74	PASS

Note:

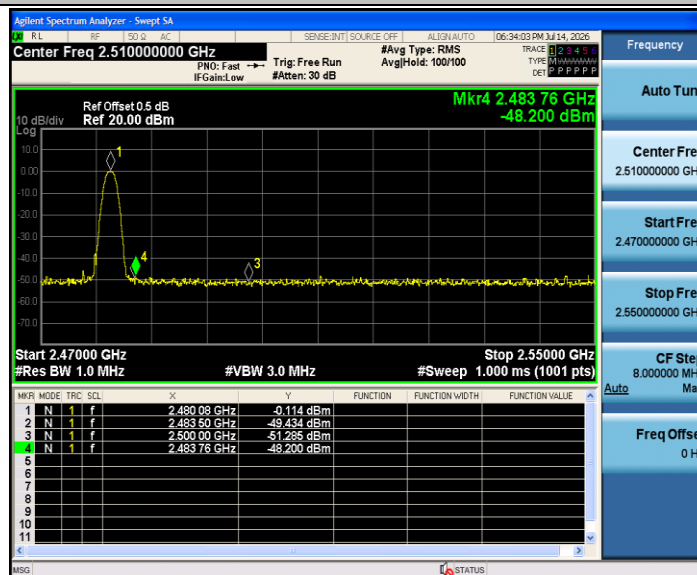
1. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

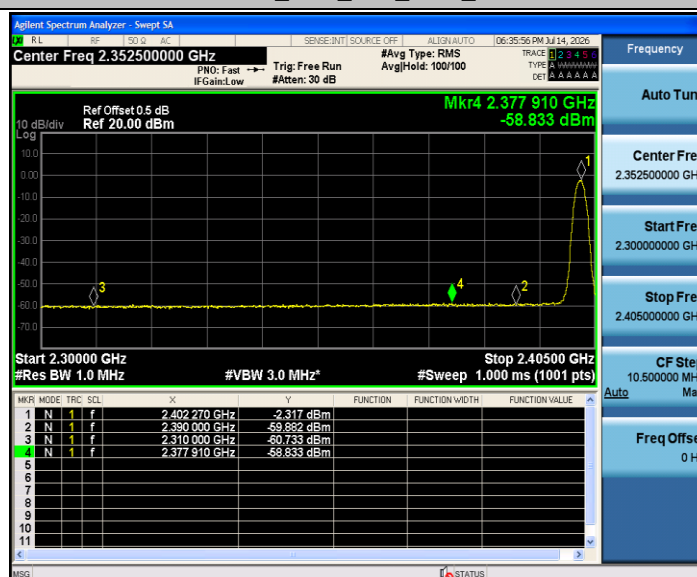




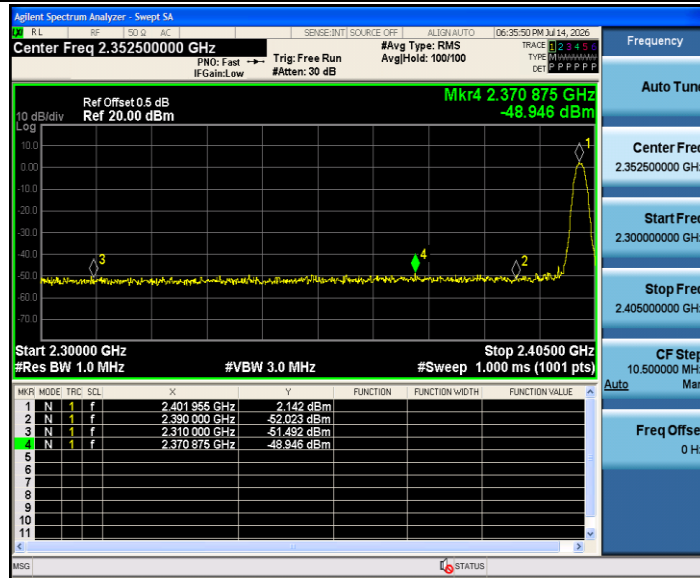
DH5_Ant1_High_2480_Peak



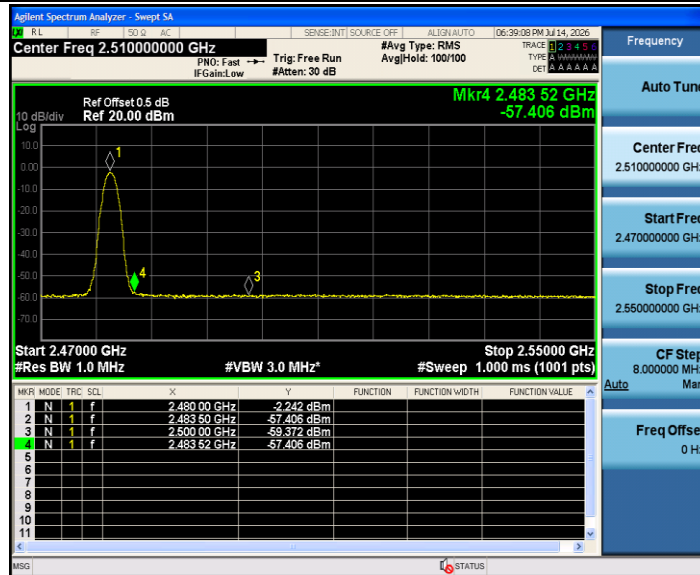
2DH5_Ant1_Low_2402_AV



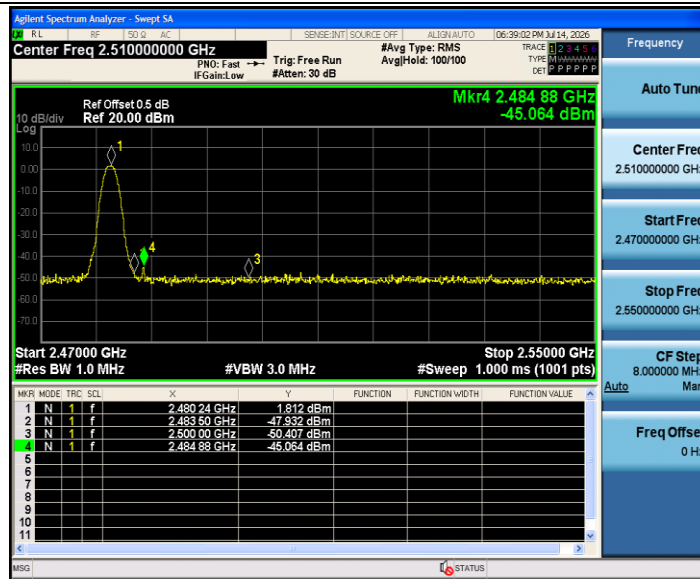
2DH5_Ant1_Low_2402_Peak



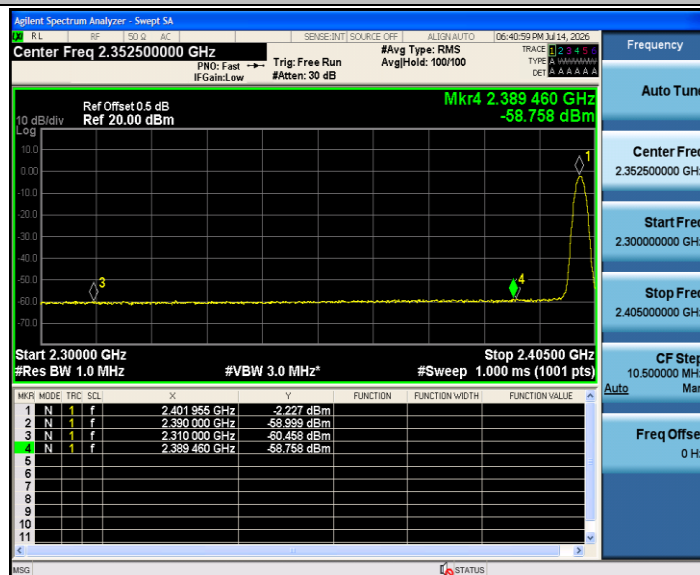
2DH5_Ant1_High_2480_AV



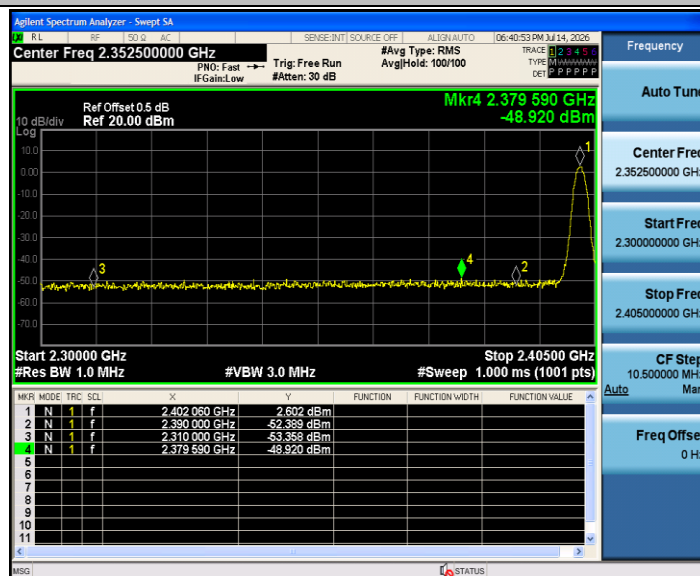
2DH5_Ant1_High_2480_Peak



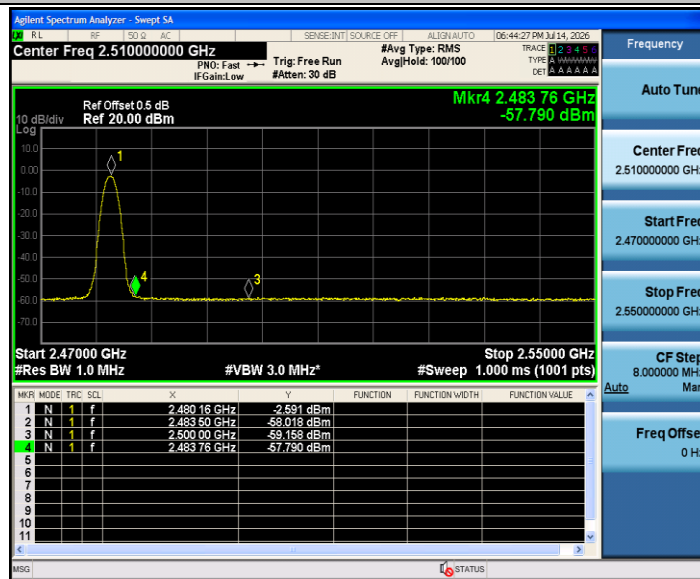
3DH5_Ant1_Low_2402_AV



3DH5_Ant1_Low_2402_Peak



3DH5_Ant1_High_2480_AV



3DH5_Ant1_High_2480_Peak

