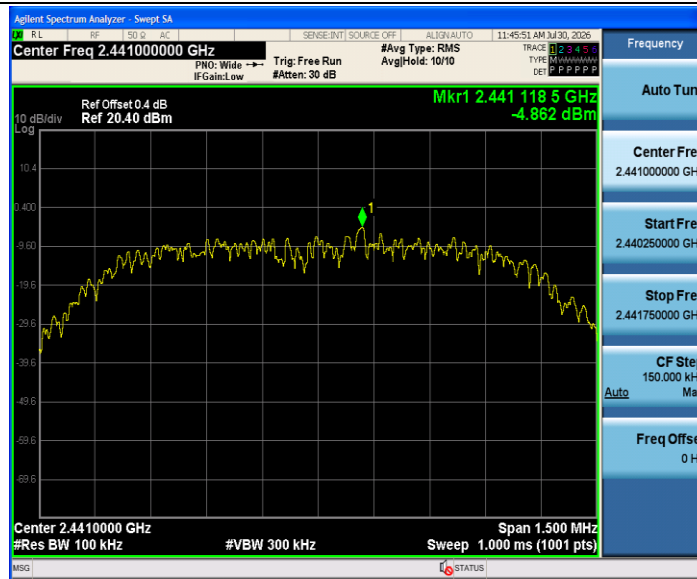
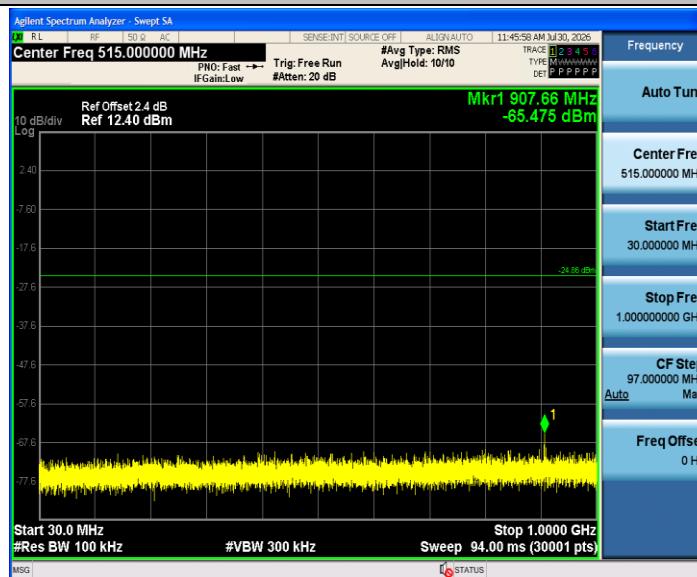
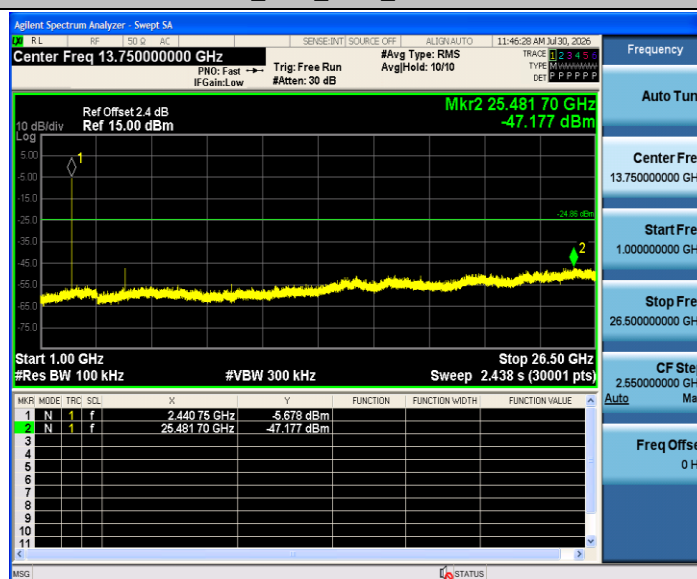




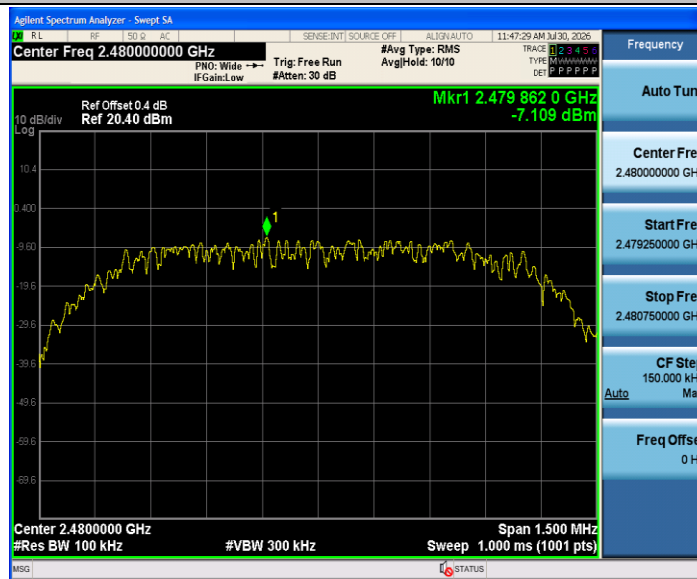
2DH5_Ant1_2441_30~1000



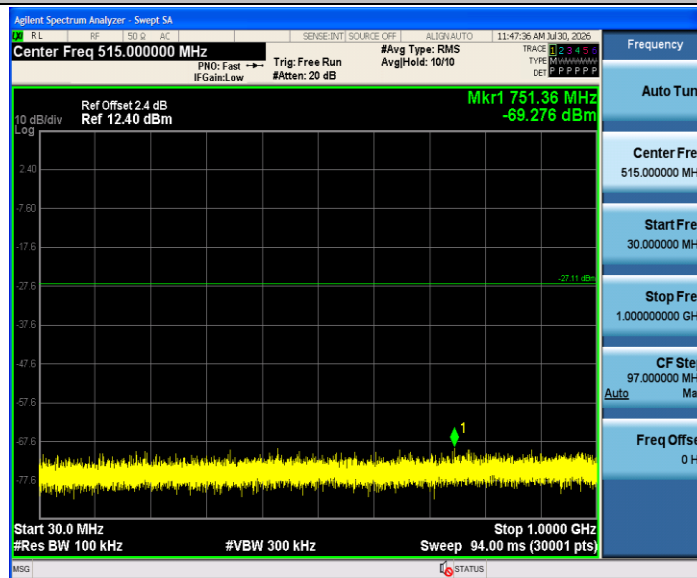
2DH5_Ant1_2441_1000~26500



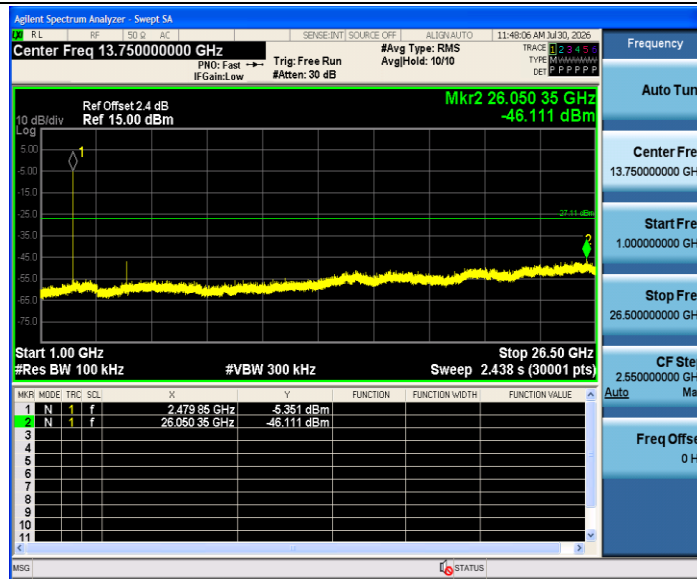
2DH5_Ant1_2480_0~Reference



2DH5_Ant1_2480_30~1000



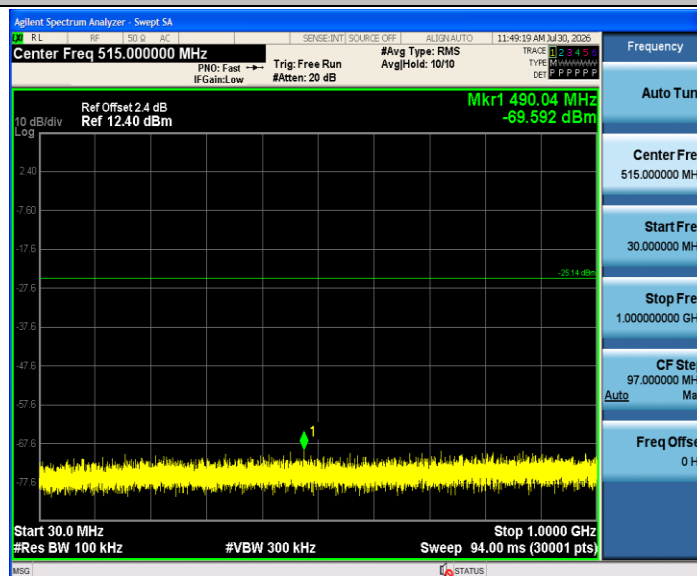
2DH5_Ant1_2480_1000~26500



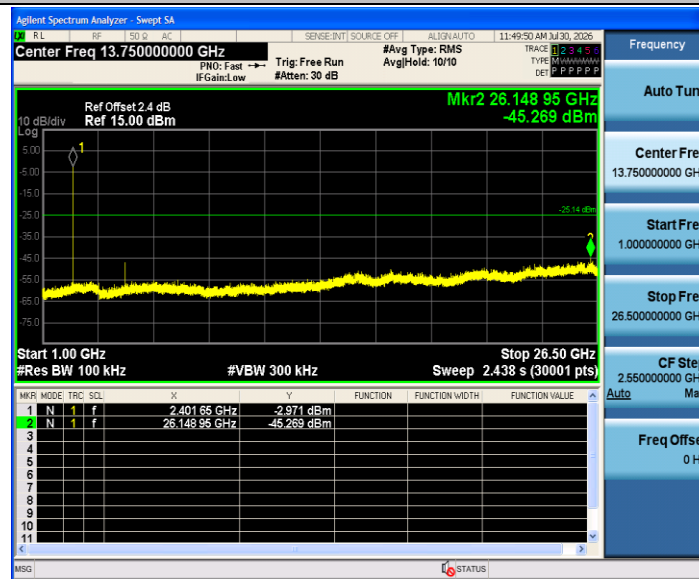
3DH5_Ant1_2402_0~Reference



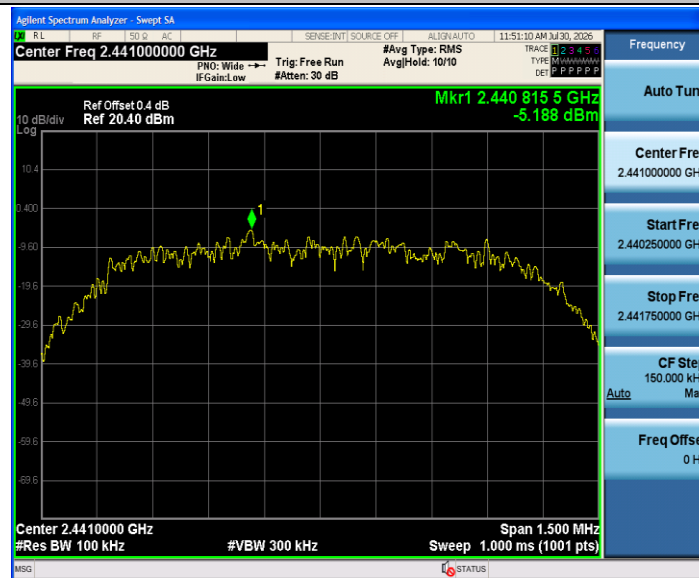
3DH5_Ant1_2402_30~1000



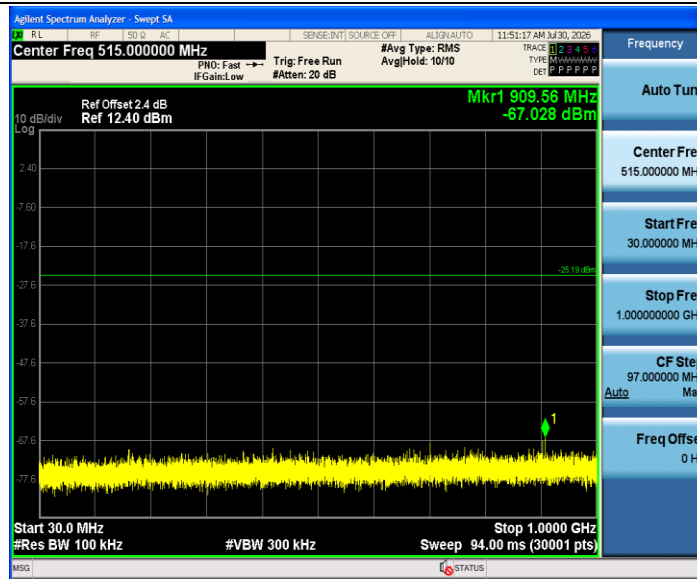
3DH5_Ant1_2402_1000~26500



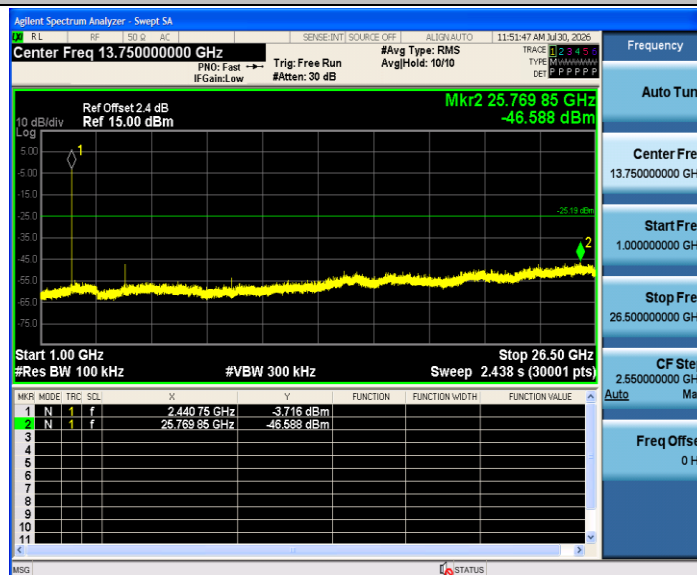
3DH5_Ant1_2441_0~Reference



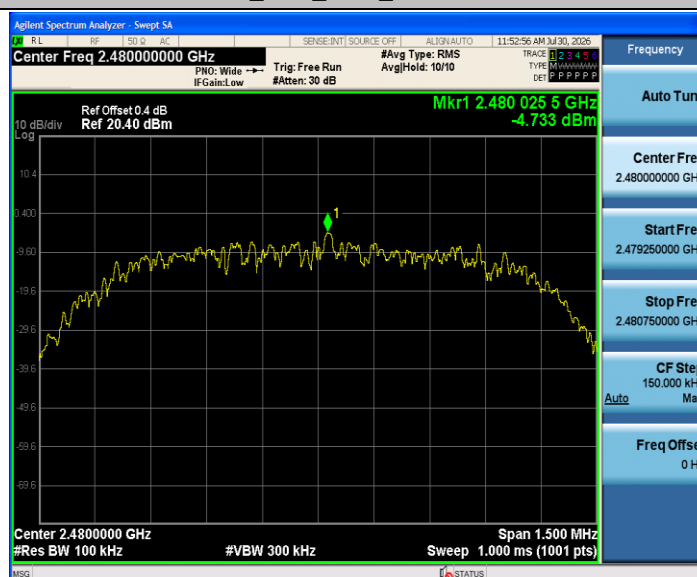
3DH5_Ant1_2441_30~1000



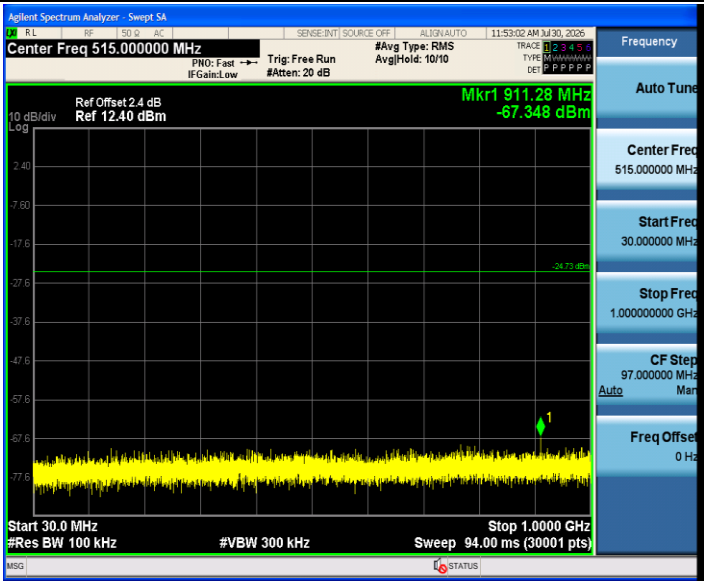
3DH5_Ant1_2441_1000~26500



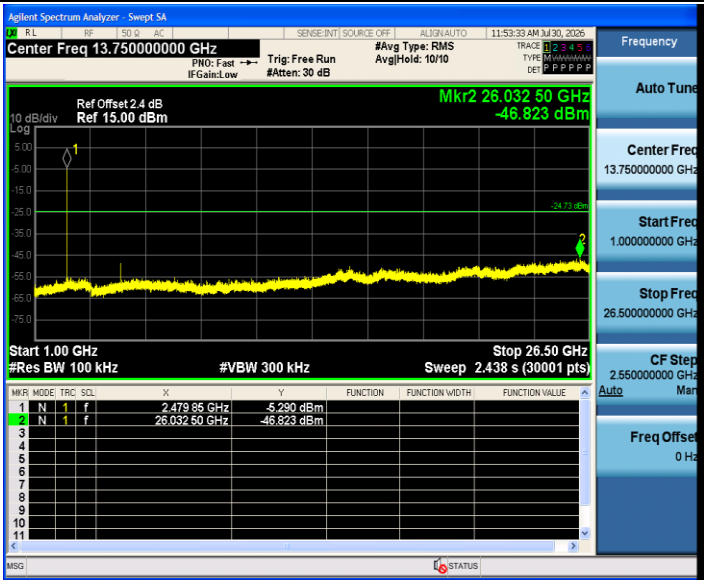
3DH5_Ant1_2480_0~Reference



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	3.75	77.87	1.09	---	---
		2441	2.92	3.74	78.07	1.08	---	---
		2480	2.91	3.75	77.60	1.10	---	---
3DH5	Ant1	2402	2.91	3.75	77.60	1.10	---	---
		2441	2.92	3.75	77.87	1.09	---	---
		2480	2.92	3.75	77.87	1.09	---	---

Agilent Spectrum Analyzer - Sweep SA

Center Freq 2.402000000 GHz

Trig Delay: 2.000 ms #Avg Type: RMS

Trig: Video

IF Gain: Low

#Atten: 20 dB

Ref Offset 0.4 dB

Ref 10.40 dBm

ΔMkr3 3.750 ms

4.19 dB

Center 2.402000000 GHz

Res BW 8 MHz

#VBW 8.0 MHz

Sweep 7.000 ms (1001 pts)

Span 0 Hz

MKR	MODE	TRIG	SOL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	1.980 ms	-16.48 dBm			
2	Δ1	1	t (Δ)	2.910 ms (Δ)	15.08 dB			
3	Δ1	1	t (Δ)	3.750 ms (Δ)	4.19 dB			
4								
5								
6								
7								
8								
9								
10								
11								

MSG

STATUS

Frequency

Auto Tune

Center Freq 2.402000000 GHz

Start Freq 2.402000000 GHz

Stop Freq 2.402000000 GHz

CF Step 8.000000 MHz

Auto

Freq Offset 0 Hz

Agilent Spectrum Analyzer - Sweep SA

Center Freq 2.441000000 GHz

Trig Delay: 2.000 ms #Avg Type: RMS

Trig: Video

IF Gain: Low

#Atten: 20 dB

Ref Offset 0.4 dB

Ref 10.40 dBm

ΔMkr3 3.750 ms

4.45 dB

Center 2.441000000 GHz

Res BW 8 MHz

#VBW 8.0 MHz

Sweep 7.000 ms (1001 pts)

Span 0 Hz

MKR	MODE	TRIG	SOL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	1.980 ms	-14.46 dBm			
2	Δ1	1	t (Δ)	2.910 ms (Δ)	10.27 dB			
3	Δ1	1	t (Δ)	3.750 ms (Δ)	4.45 dB			
4								
5								
6								
7								
8								
9								
10								
11								

MSG

STATUS

Frequency

Auto Tune

Center Freq 2.441000000 GHz

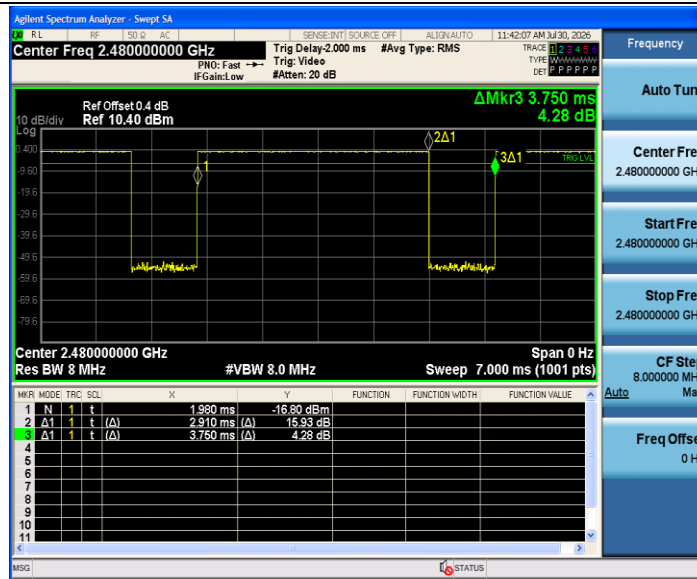
Start Freq 2.441000000 GHz

Stop Freq 2.441000000 GHz

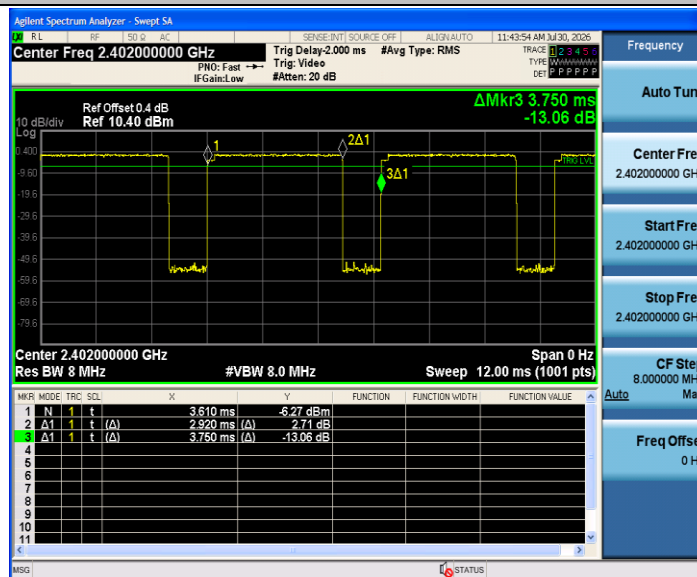
CF Step 8.000000 MHz

Auto

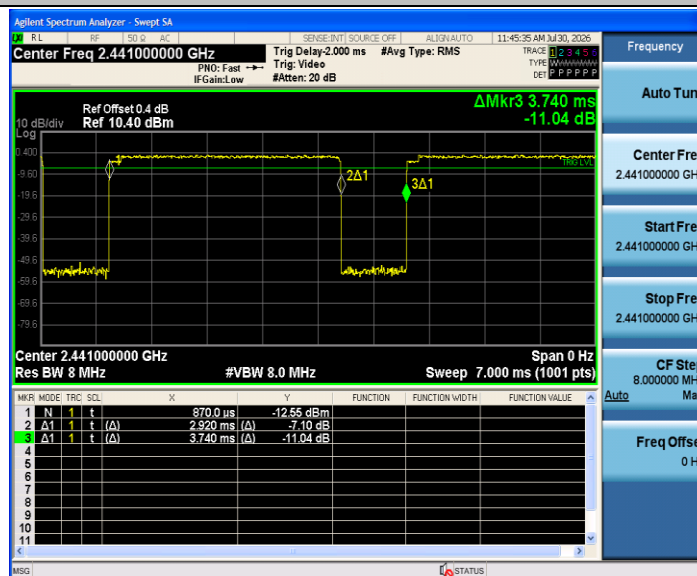
Freq Offset 0 Hz



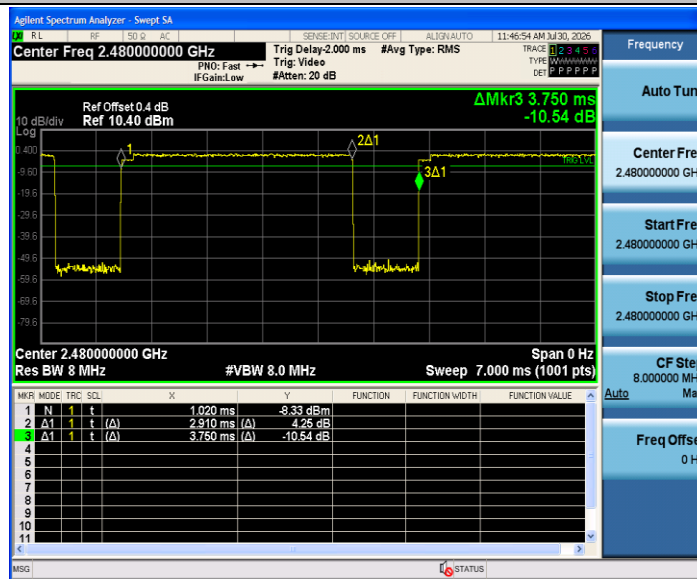
2DH5_Ant1_2402



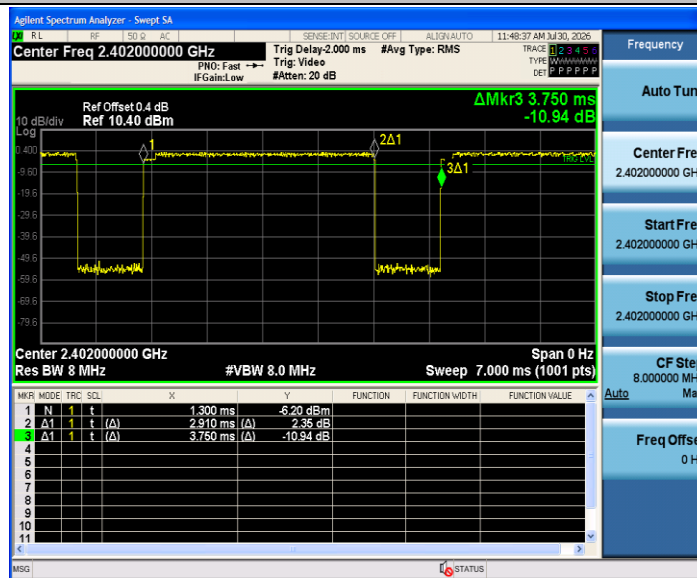
2DH5_Ant1_2441



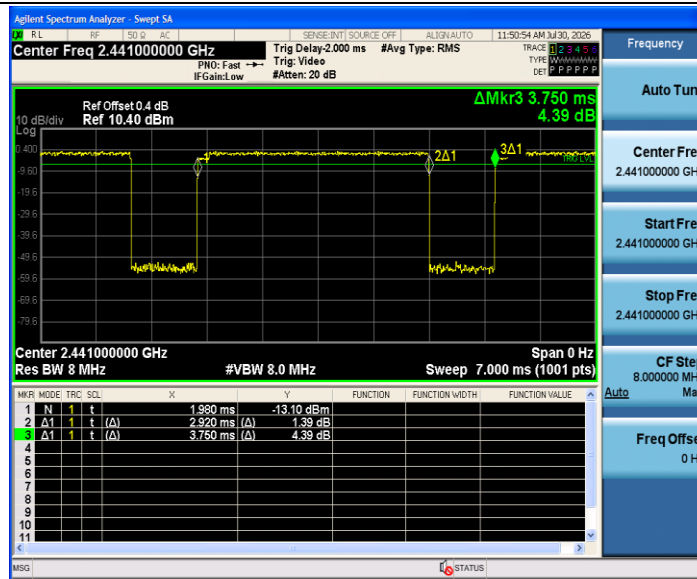
2DH5_Ant1_2480



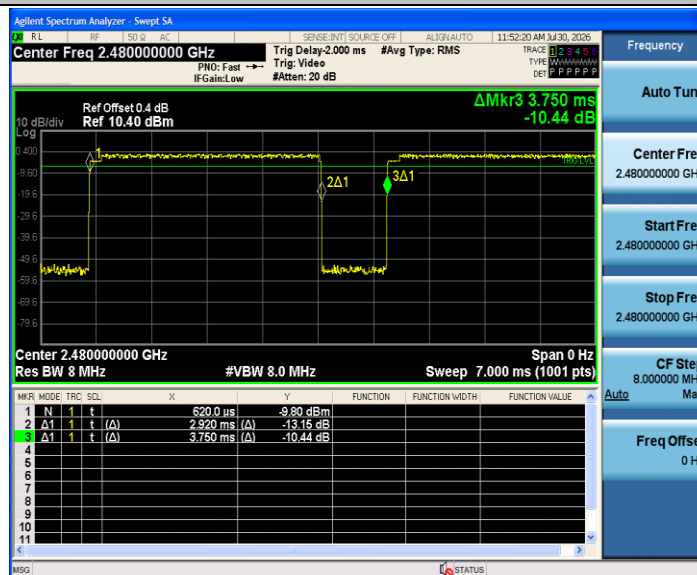
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



Appendix J: Emissions in Restricted Bands

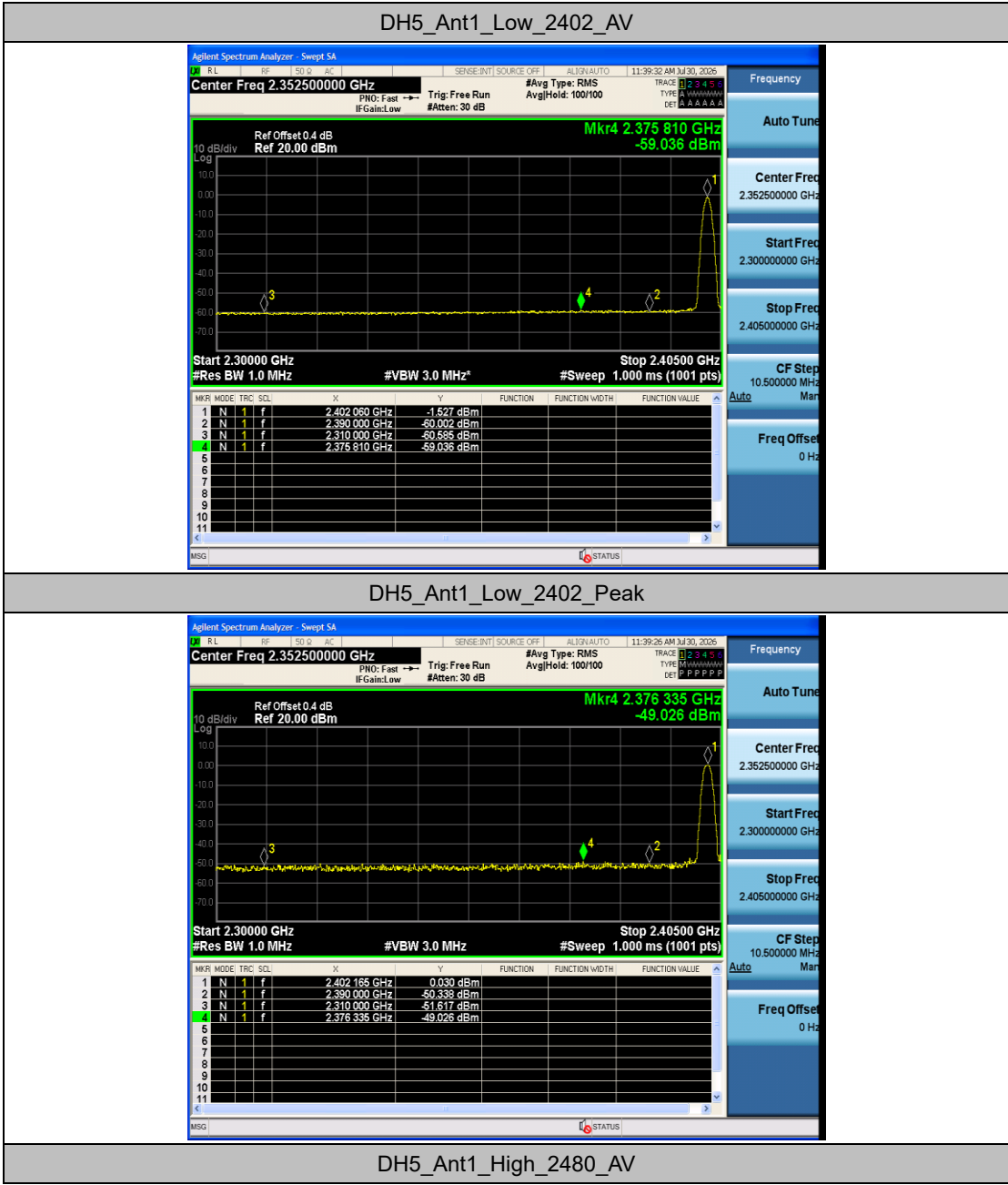
Test Result

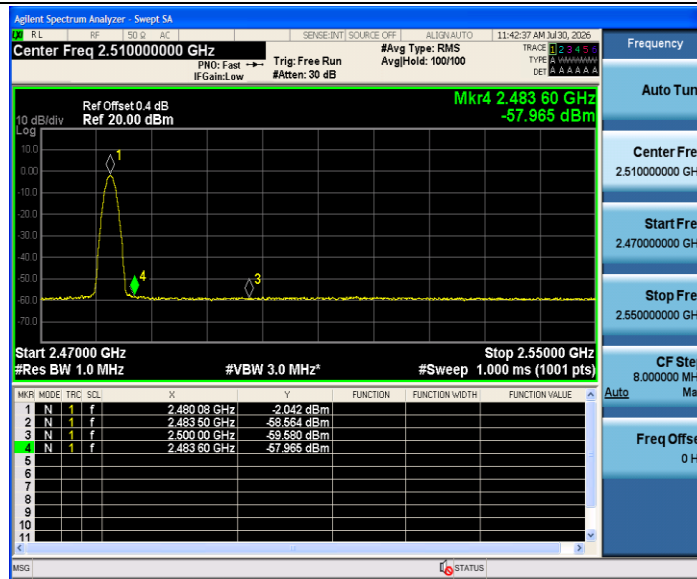
TestMod e	Antenn a	ChNam e	Freq(MH z)	Detector	Freq [MHz]	Result [dBm]	Gain [dB]	DC Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
DH5	Ant1	Low	2402	AV	2310.000	-60.59	2.00	1.10	37.71	≤54	PASS
				AV	2375.810	-59.04	2.00	1.10	39.26	≤54	PASS
				AV	2390.000	-60	2.00	1.10	38.30	≤54	PASS
				Peak	2310.000	-51.62	2.00	0.00	45.58	≤74	PASS
				Peak	2376.335	-49.03	2.00	0.00	48.17	≤74	PASS
				Peak	2390.000	-50.34	2.00	0.00	46.86	≤74	PASS
		High	2480	AV	2483.500	-58.56	2.00	1.10	39.74	≤54	PASS
				AV	2483.600	-57.96	2.00	1.10	40.34	≤54	PASS
				AV	2500.000	-59.58	2.00	1.10	38.72	≤54	PASS
				Peak	2483.500	-49.32	2.00	0.00	47.88	≤74	PASS
				Peak	2484.320	-44.35	2.00	0.00	52.85	≤74	PASS
				Peak	2500.000	-52.69	2.00	0.00	44.51	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-60.78	2.00	1.09	37.51	≤54	PASS
				AV	2376.650	-59.02	2.00	1.09	39.27	≤54	PASS
				AV	2390.000	-60.08	2.00	1.09	38.21	≤54	PASS
				Peak	2310.000	-52.64	2.00	0.00	44.56	≤74	PASS
				Peak	2362.160	-48.47	2.00	0.00	48.73	≤74	PASS
				Peak	2390.000	-52.06	2.00	0.00	45.14	≤74	PASS
		High	2480	AV	2483.500	-59.01	2.00	1.10	39.29	≤54	PASS
				AV	2484.800	-58.56	2.00	1.10	39.74	≤54	PASS
				AV	2500.000	-59.32	2.00	1.10	38.98	≤54	PASS
				Peak	2483.500	-50.32	2.00	0.00	46.88	≤74	PASS
				Peak	2484.320	-45.81	2.00	0.00	51.39	≤74	PASS
				Peak	2500.000	-52.14	2.00	0.00	45.06	≤74	PASS
3DH5	Ant1	Low	2402	AV	2310.000	-60.48	2.00	1.10	37.82	≤54	PASS
				AV	2386.940	-59.06	2.00	1.10	39.24	≤54	PASS
				AV	2390.000	-59.42	2.00	1.10	38.88	≤54	PASS
				Peak	2310.000	-52.37	2.00	0.00	44.83	≤74	PASS
				Peak	2371.400	-49.32	2.00	0.00	47.88	≤74	PASS
				Peak	2390.000	-51.49	2.00	0.00	45.71	≤74	PASS
		High	2480	AV	2483.500	-58.94	2.00	1.09	39.35	≤54	PASS
				AV	2483.600	-58.66	2.00	1.09	39.63	≤54	PASS
				AV	2500.000	-59.66	2.00	1.09	38.63	≤54	PASS
				Peak	2483.500	-50.37	2.00	0.00	46.83	≤74	PASS
				Peak	2484.800	-46.97	2.00	0.00	50.23	≤74	PASS
				Peak	2500.000	-50.53	2.00	0.00	46.67	≤74	PASS

Note:

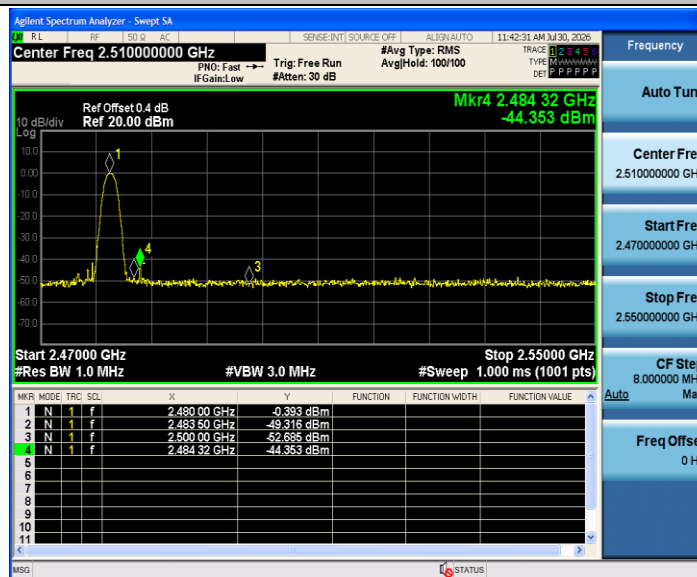
1. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

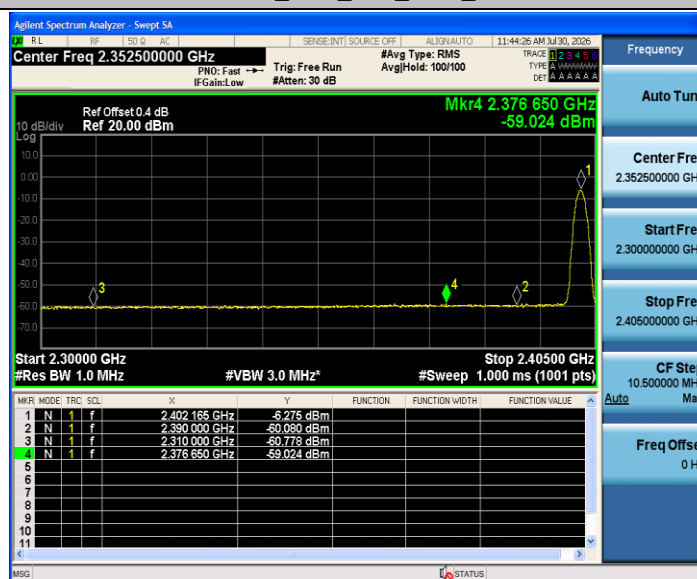




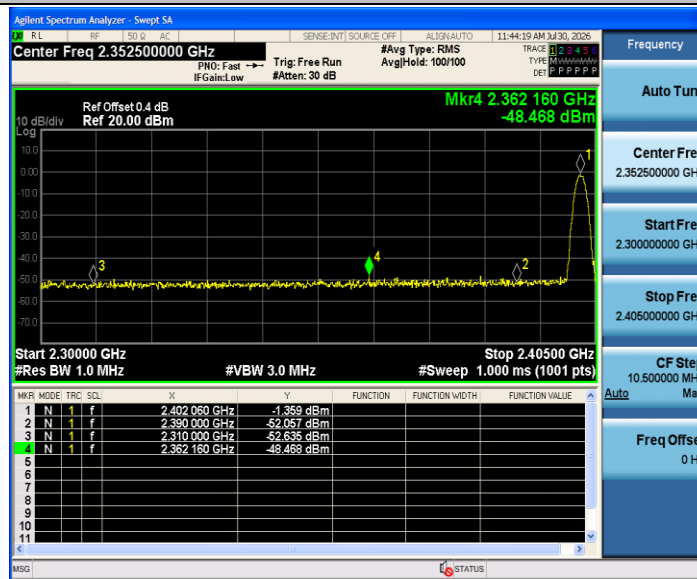
DH5_Ant1_High_2480_Peak



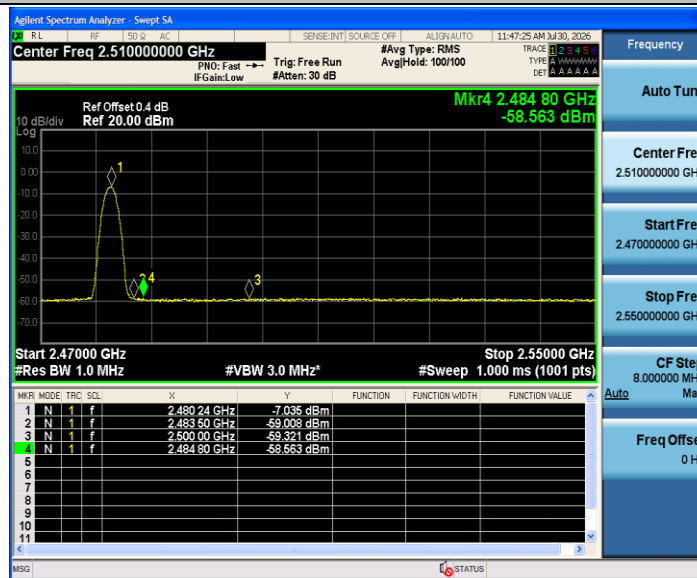
2DH5_Ant1_Low_2402_AV



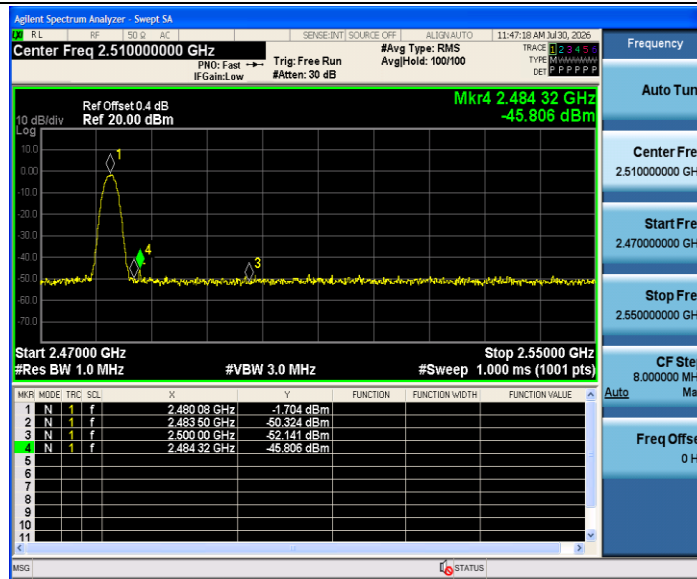
2DH5_Ant1_Low_2402_Peak



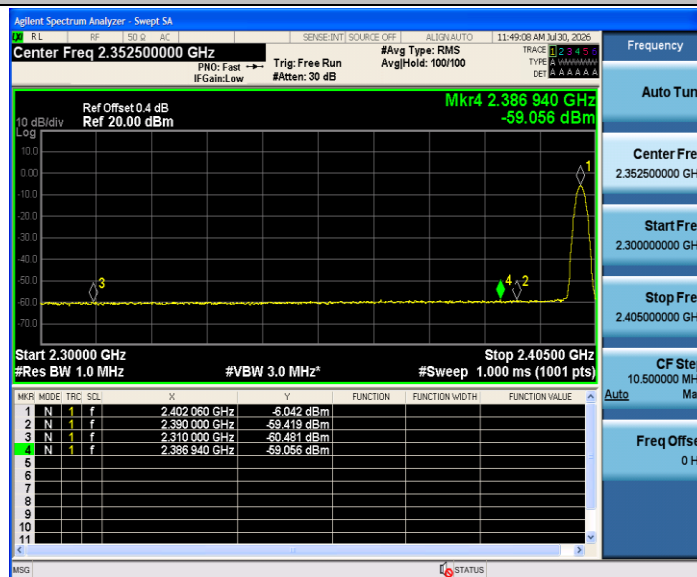
2DH5_Ant1_High_2480_AV



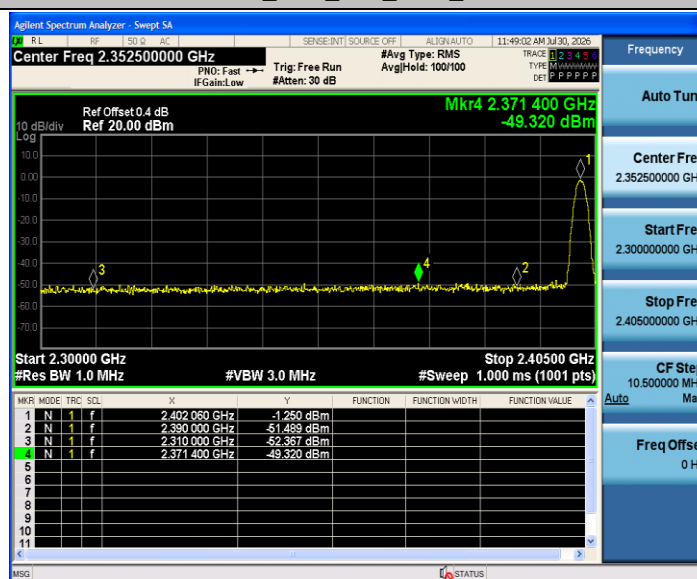
2DH5_Ant1_High_2480_Peak



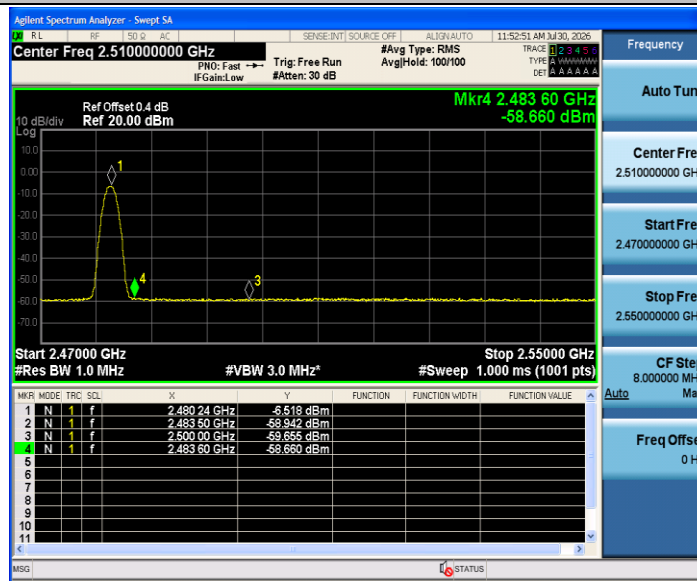
3DH5_Ant1_Low_2402_AV



3DH5_Ant1_Low_2402_Peak



3DH5_Ant1_High_2480_AV



3DH5_Ant1_High_2480_Peak

