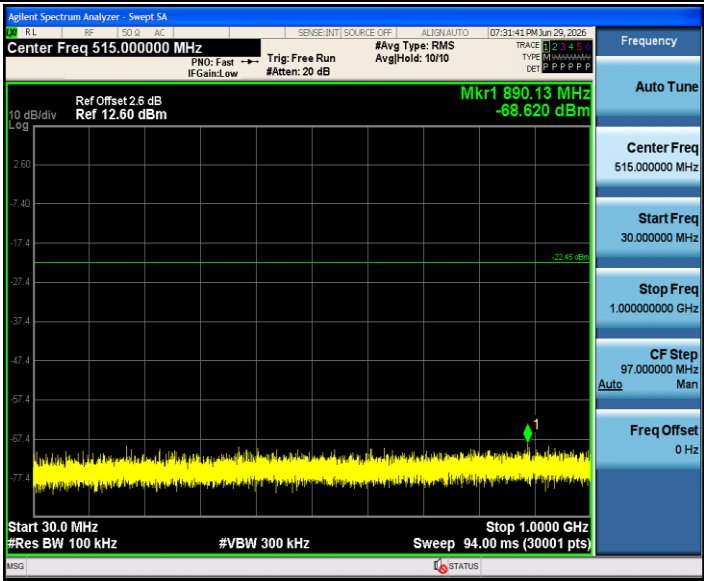
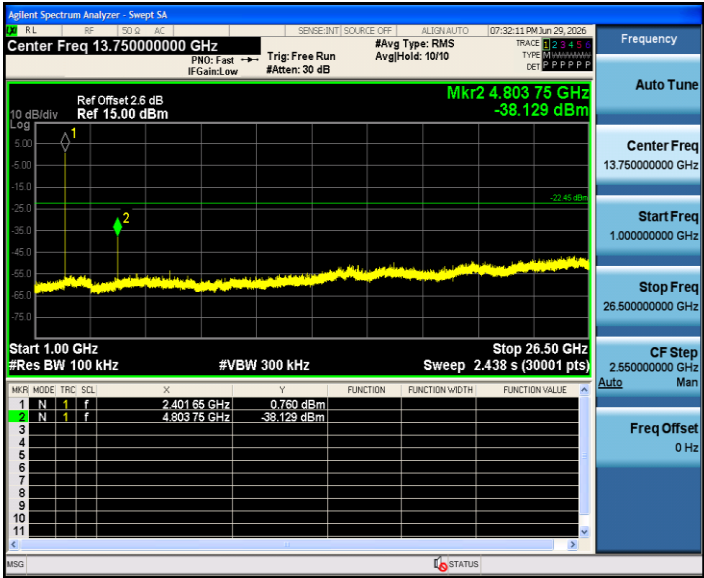


2DH5_Ant1_2402_30~1000



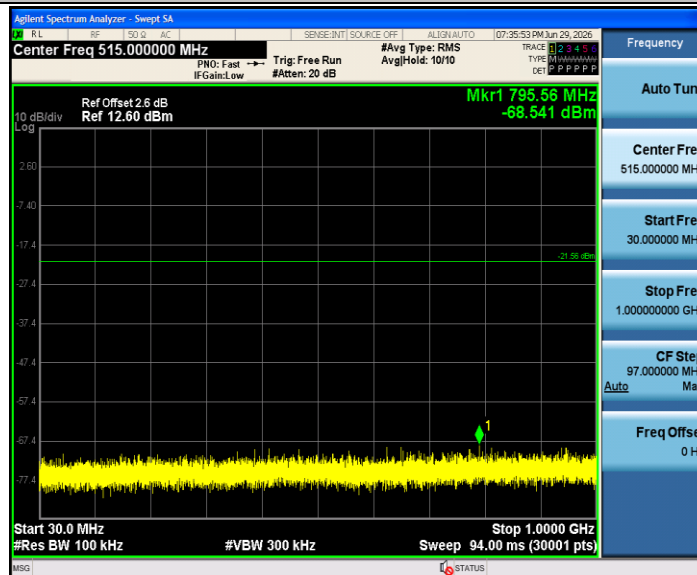
2DH5_Ant1_2402_1000~26500



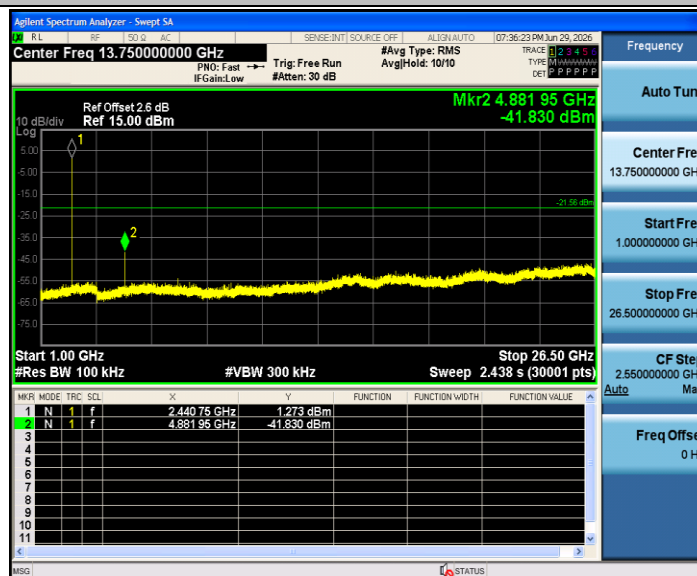
2DH5_Ant1_2441_0~Reference



2DH5_Ant1_2441_30~1000



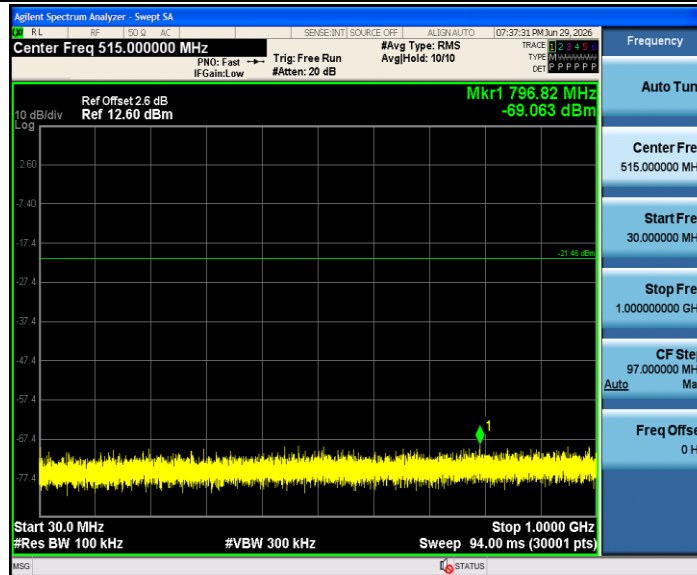
2DH5_Ant1_2441_1000~26500



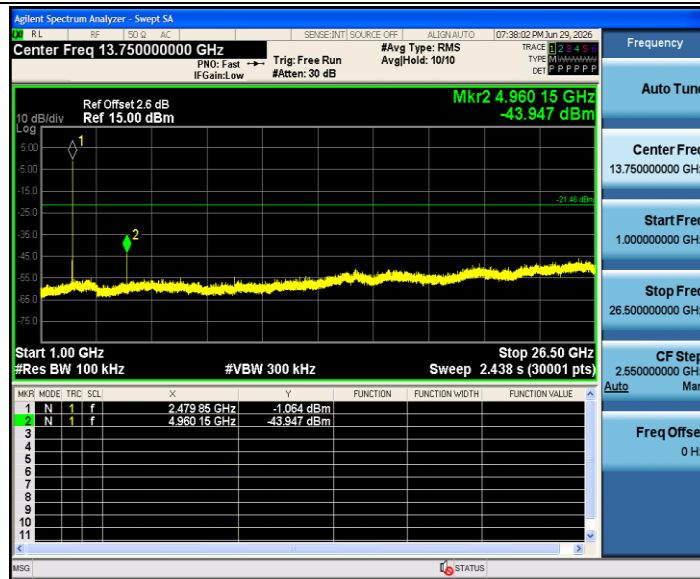
2DH5_Ant1_2480_0~Reference



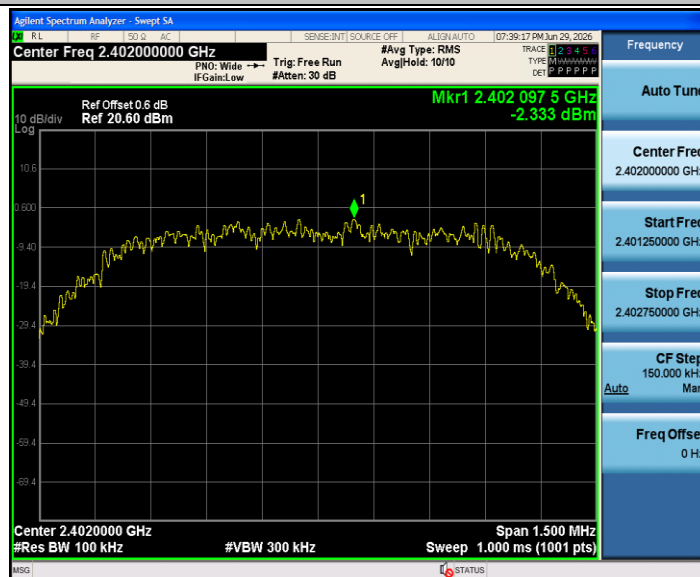
2DH5_Ant1_2480_30~1000



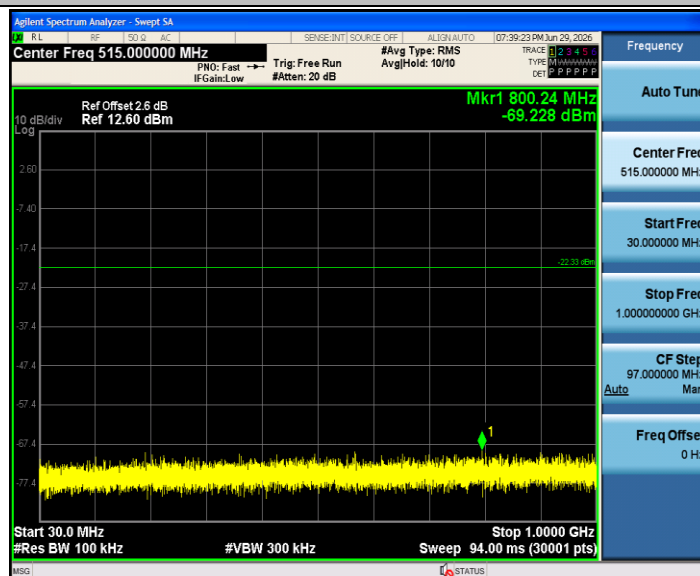
2DH5_Ant1_2480_1000~26500



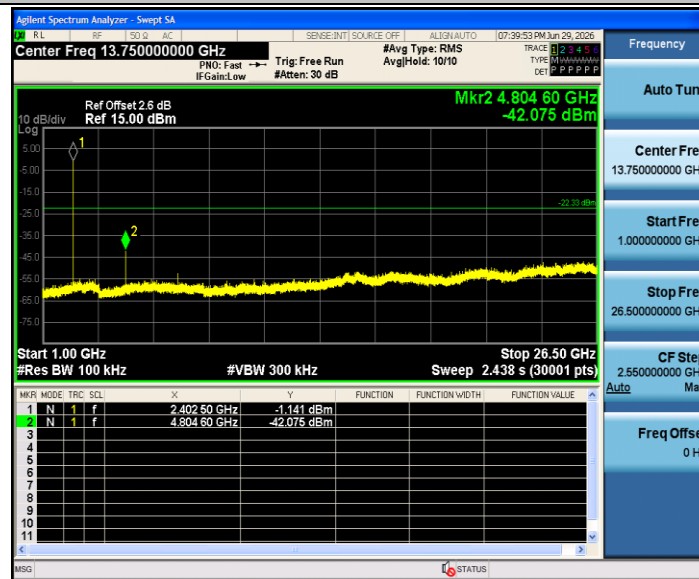
3DH5_Ant1_2402_0~Reference



3DH5_Ant1_2402_30~1000



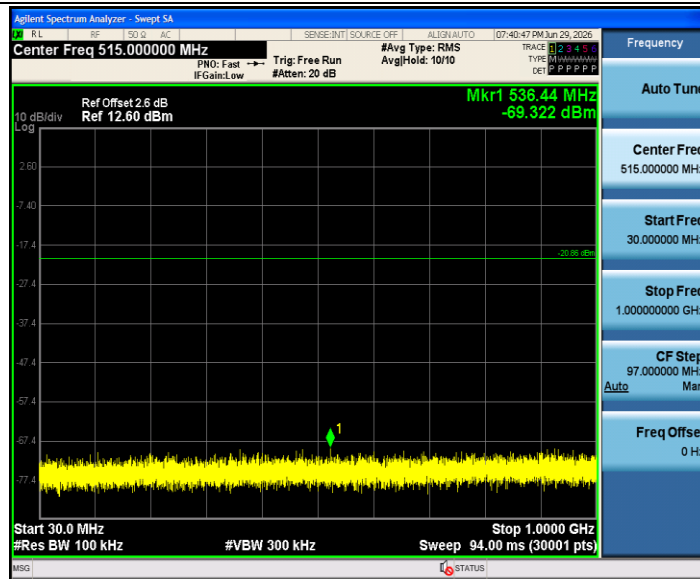
3DH5_Ant1_2402_1000~26500



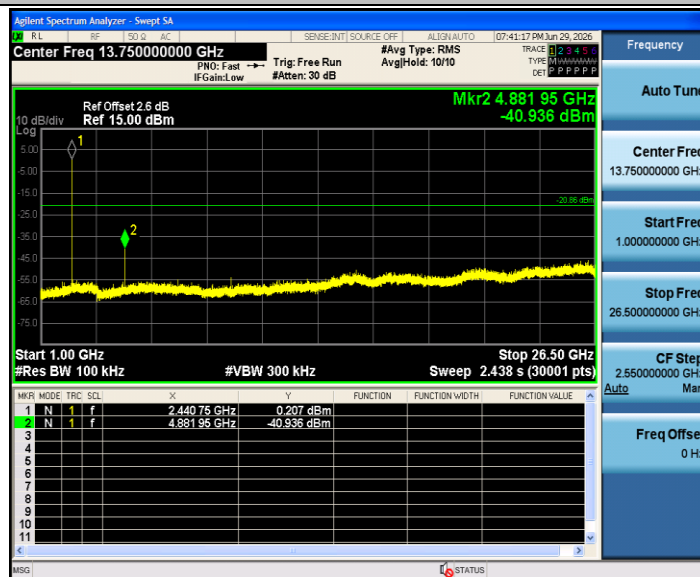
3DH5_Ant1_2441_0~Reference



3DH5_Ant1_2441_30~1000



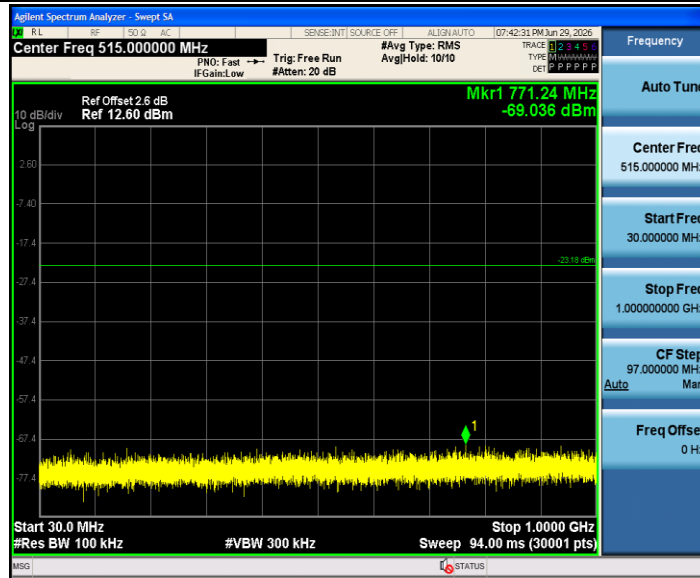
3DH5_Ant1_2441_1000~26500



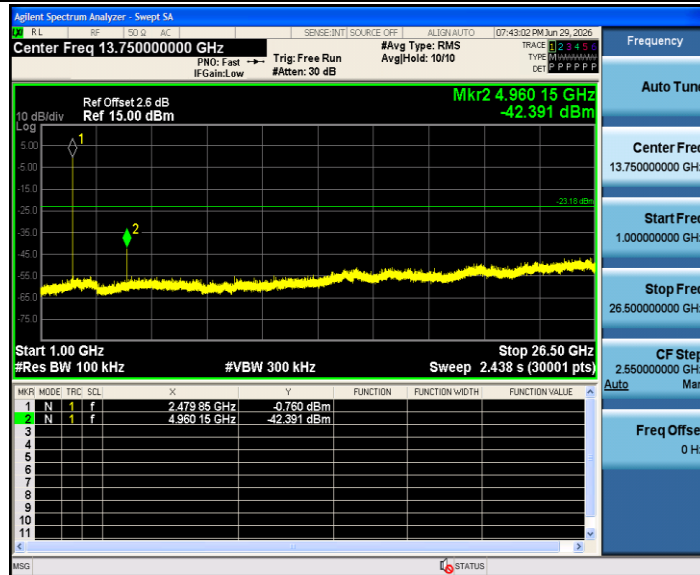
3DH5_Ant1_2480_0~Reference



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	3.75	77.87	1.09	---	---
		2441	2.92	3.75	77.87	1.09	---	---
		2480	2.92	3.75	77.87	1.09	---	---
3DH5	Ant1	2402	2.92	3.76	77.66	1.10	---	---
		2441	2.92	3.75	77.87	1.09	---	---
		2480	2.92	3.75	77.87	1.09	---	---

Agilent Spectrum Analyzer - Swept SA

Center Freq 2.402000000 GHz
Ref Offset 0.6 dB
Ref 10.60 dBm
PNO: Fast
IF Gain: Low
#Atten: 20 dB

Trig Delay: 2.000 ms
Trig: Video
#Avg Type: RMS

Span 0 Hz
Center Freq 2.402000000 GHz
Res BW 8 MHz
#VBW 8.0 MHz
Sweep 7.000 ms (1001 pts)

ΔMkr3 3.750 ms
4.32 dB

2Δ1
3Δ1

MNR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	1.980 ms	-20.68 dBm			
2	Δ1	1	t	(Δ)	2.910 ms	20.75 dB		
3	Δ1	1	t	(Δ)	3.750 ms	4.32 dB		

Frequency

Auto Tune

Center Freq
2.402000000 GHz

Start Freq
2.402000000 GHz

Stop Freq
2.402000000 GHz

CF Step
8.000000 MHz
Man

Freq Offset
0 Hz

MSO

STATUS

Agilent Spectrum Analyzer - Swept SA

Center Freq 2.441000000 GHz
Ref Offset 0.6 dB
Ref 10.60 dBm
PNO: Fast
IF Gain: Low
#Atten: 20 dB

Trig Delay: 2.000 ms
Trig: Video
#Avg Type: RMS

Span 0 Hz
Center Freq 2.441000000 GHz
Res BW 8 MHz
#VBW 8.0 MHz
Sweep 7.000 ms (1001 pts)

ΔMkr3 3.750 ms
3.82 dB

2Δ1
3Δ1

MNR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	1.980 ms	-17.61 dBm			
2	Δ1	1	t	(Δ)	2.910 ms	17.55 dB		
3	Δ1	1	t	(Δ)	3.750 ms	3.82 dB		

Frequency

Auto Tune

Center Freq
2.441000000 GHz

Start Freq
2.441000000 GHz

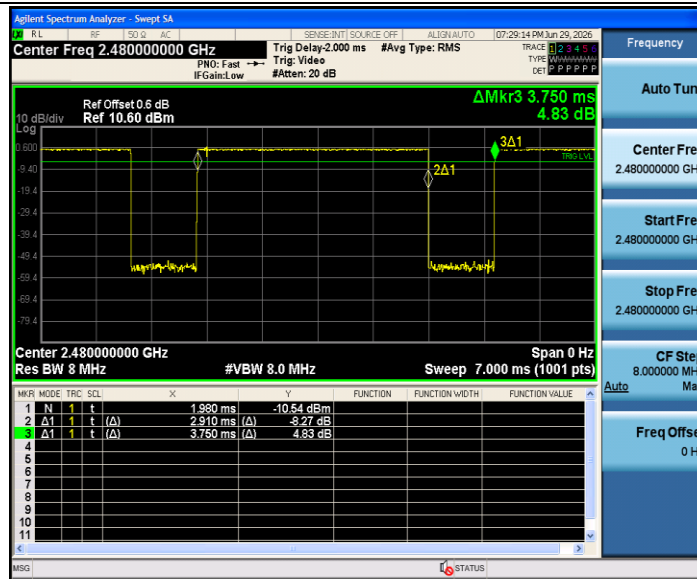
Stop Freq
2.441000000 GHz

CF Step
8.000000 MHz
Man

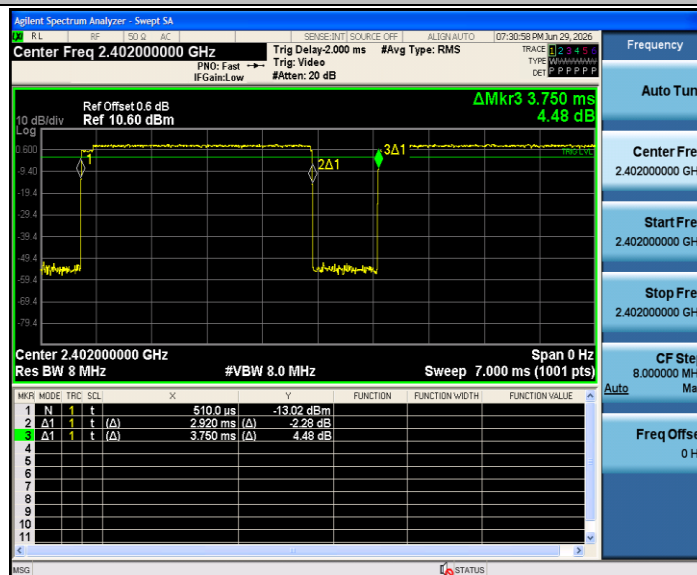
Freq Offset
0 Hz

MSO

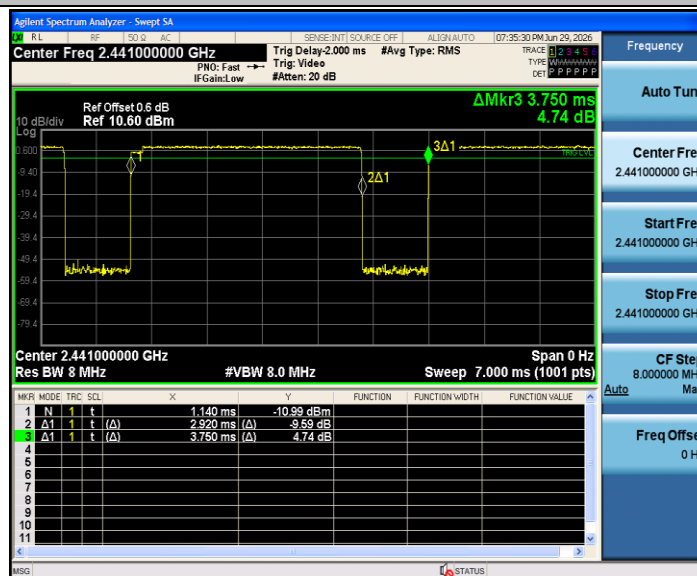
STATUS



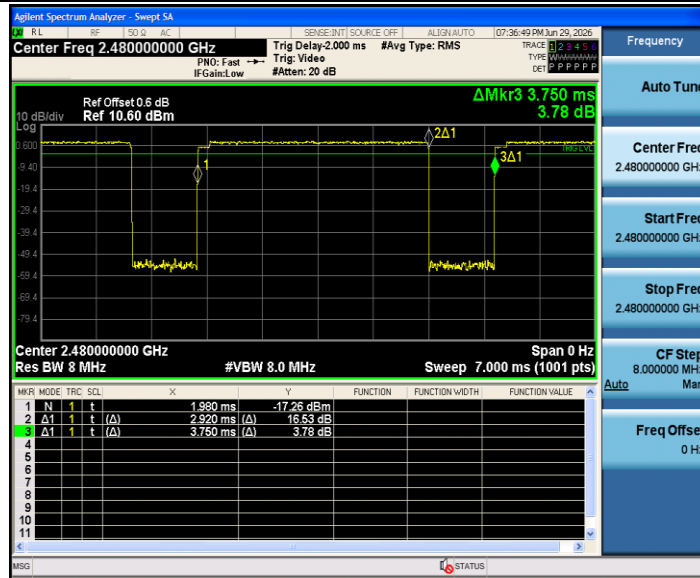
2DH5_Ant1_2402



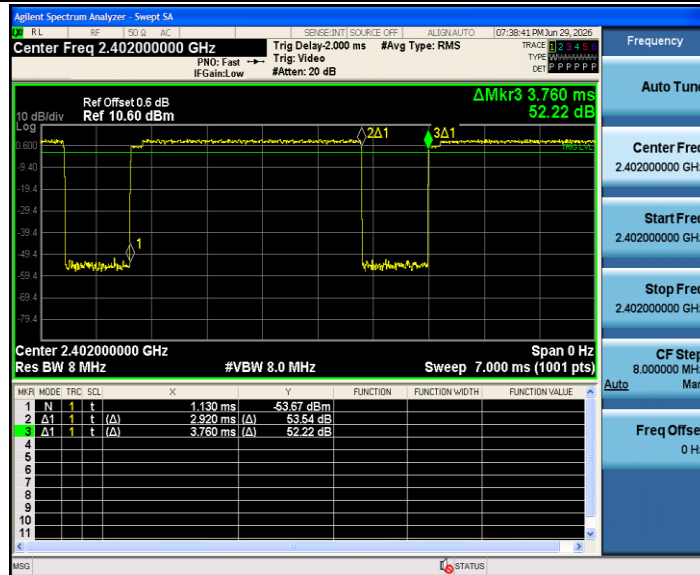
2DH5_Ant1_2441



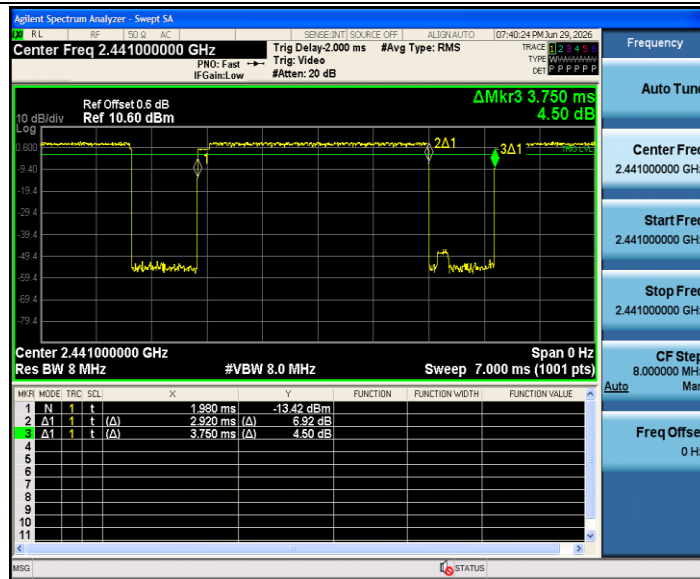
2DH5_Ant1_2480



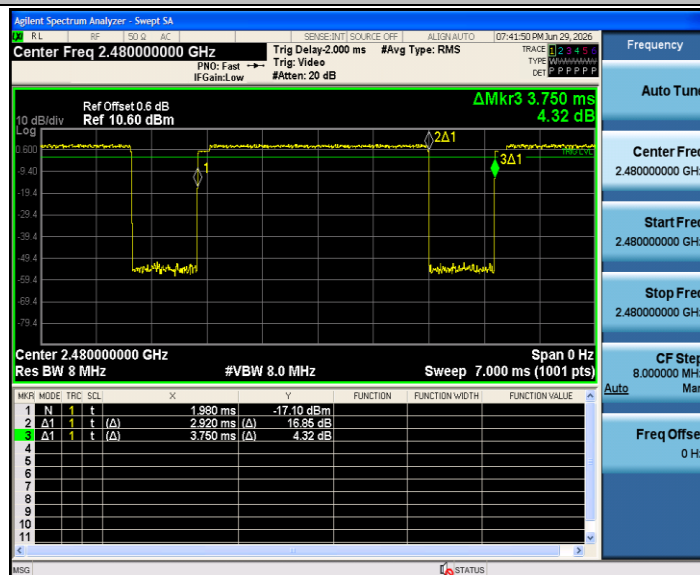
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



Appendix J: Emissions in Restricted Bands

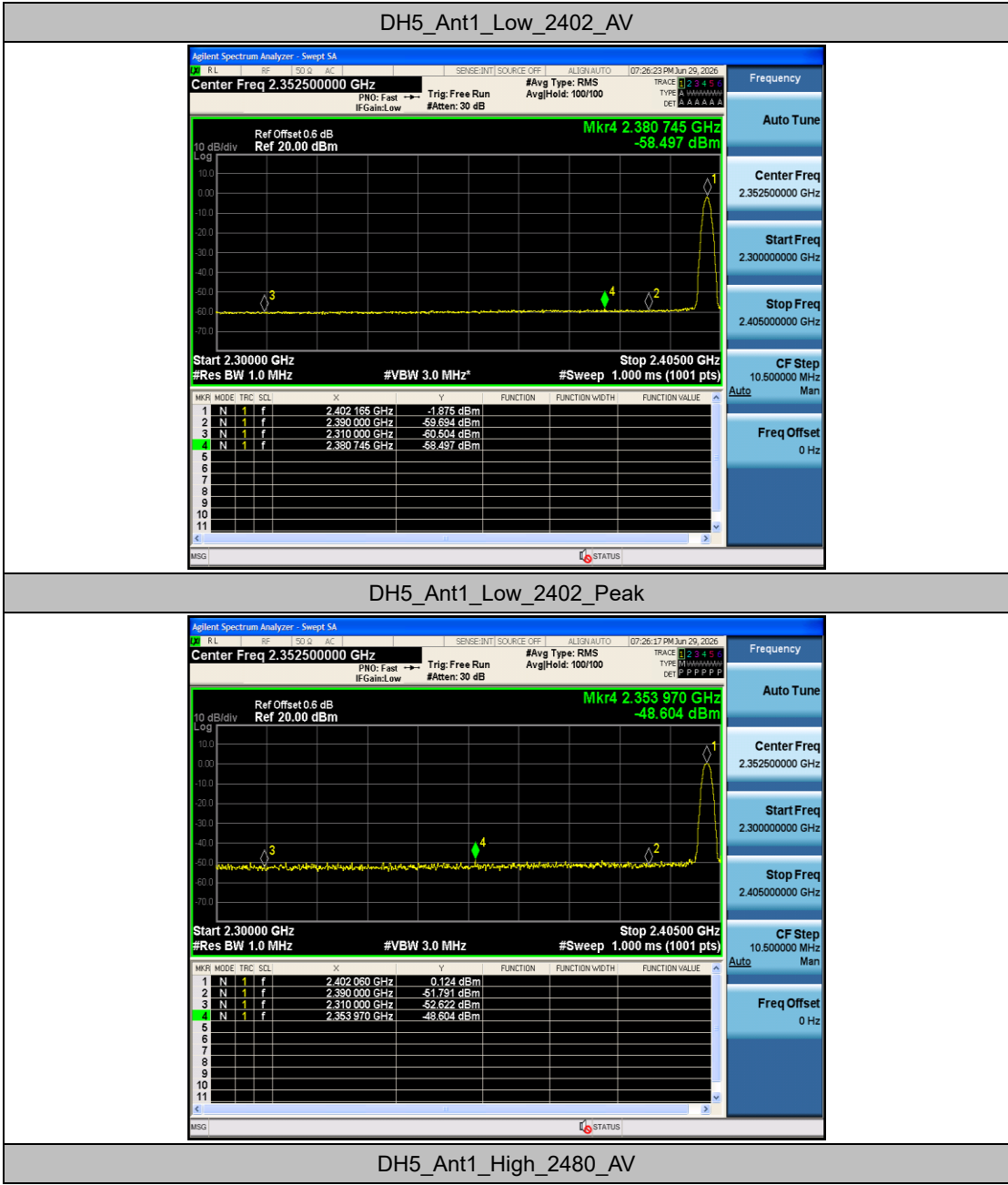
Test Result

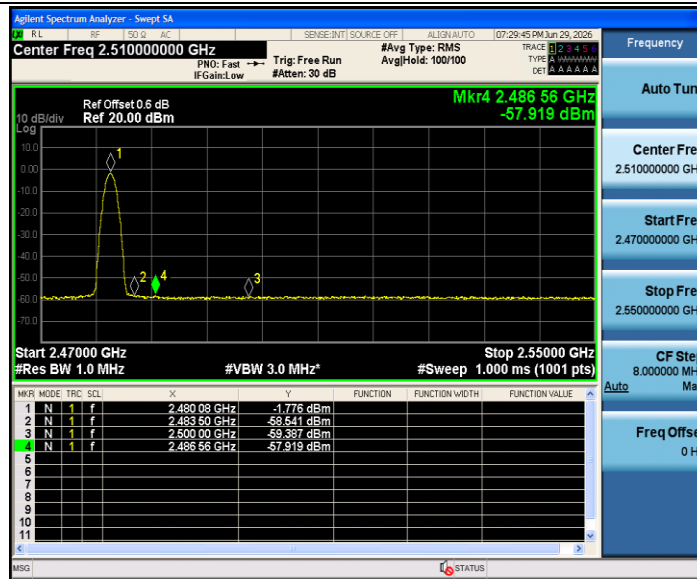
TestMod e	Antenn a	ChNam e	Freq(MH z)	Detector	Freq [MHz]	Result [dBm]	Gain [dB]	DC Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
DH5	Ant1	Low	2402	AV	2310.000	-60.5	2.00	1.10	37.80	≤54	PASS
				AV	2380.745	-58.5	2.00	1.10	39.80	≤54	PASS
				AV	2390.000	-59.69	2.00	1.10	38.61	≤54	PASS
				Peak	2310.000	-52.62	2.00	0.00	44.58	≤74	PASS
				Peak	2353.970	-48.6	2.00	0.00	48.60	≤74	PASS
				Peak	2390.000	-51.79	2.00	0.00	45.41	≤74	PASS
		High	2480	AV	2483.500	-58.54	2.00	1.10	39.76	≤54	PASS
				AV	2486.560	-57.92	2.00	1.10	40.38	≤54	PASS
				AV	2500.000	-59.39	2.00	1.10	38.91	≤54	PASS
				Peak	2483.500	-49.04	2.00	0.00	48.16	≤74	PASS
				Peak	2484.480	-47.1	2.00	0.00	50.10	≤74	PASS
				Peak	2500.000	-50.39	2.00	0.00	46.81	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-60.73	2.00	1.09	37.56	≤54	PASS
				AV	2374.235	-58.81	2.00	1.09	39.48	≤54	PASS
				AV	2390.000	-59.81	2.00	1.09	38.48	≤54	PASS
				Peak	2310.000	-52.48	2.00	0.00	44.72	≤74	PASS
				Peak	2370.035	-48.6	2.00	0.00	48.60	≤74	PASS
				Peak	2390.000	-50.74	2.00	0.00	46.46	≤74	PASS
		High	2480	AV	2483.500	-58.03	2.00	1.09	40.26	≤54	PASS
				AV	2483.600	-57.82	2.00	1.09	40.47	≤54	PASS
				AV	2500.000	-59.73	2.00	1.09	38.56	≤54	PASS
				Peak	2483.500	-49.45	2.00	0.00	47.75	≤74	PASS
				Peak	2486.160	-48.39	2.00	0.00	48.81	≤74	PASS
				Peak	2500.000	-51.18	2.00	0.00	46.02	≤74	PASS
3DH5	Ant1	Low	2402	AV	2310.000	-61.01	2.00	1.10	37.29	≤54	PASS
				AV	2389.355	-58.66	2.00	1.10	39.64	≤54	PASS
				AV	2390.000	-59.46	2.00	1.10	38.84	≤54	PASS
				Peak	2310.000	-53.69	2.00	0.00	43.51	≤74	PASS
				Peak	2348.510	-49.08	2.00	0.00	48.12	≤74	PASS
				Peak	2390.000	-51.59	2.00	0.00	45.61	≤74	PASS
		High	2480	AV	2483.500	-57.47	2.00	1.09	40.82	≤54	PASS
				AV	2483.520	-57.47	2.00	1.09	40.82	≤54	PASS
				AV	2500.000	-59.17	2.00	1.09	39.12	≤54	PASS
				Peak	2483.500	-48.15	2.00	0.00	49.05	≤74	PASS
				Peak	2484.320	-44.49	2.00	0.00	52.71	≤74	PASS
				Peak	2500.000	-51.17	2.00	0.00	46.03	≤74	PASS

Note:

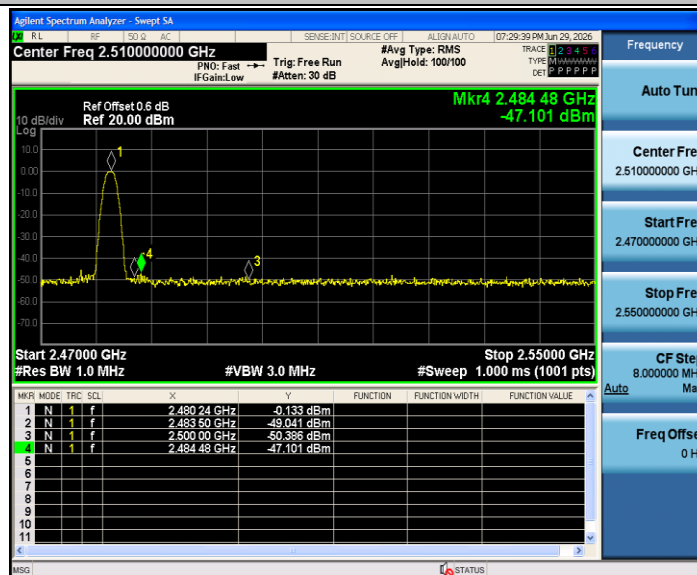
1. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

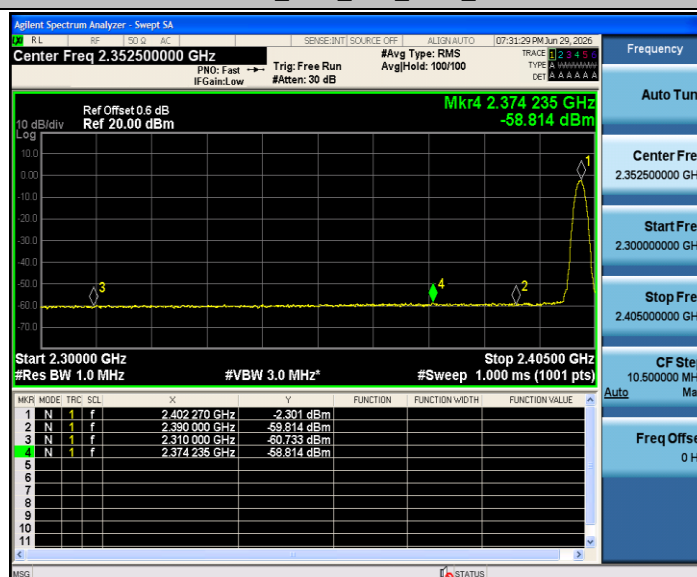




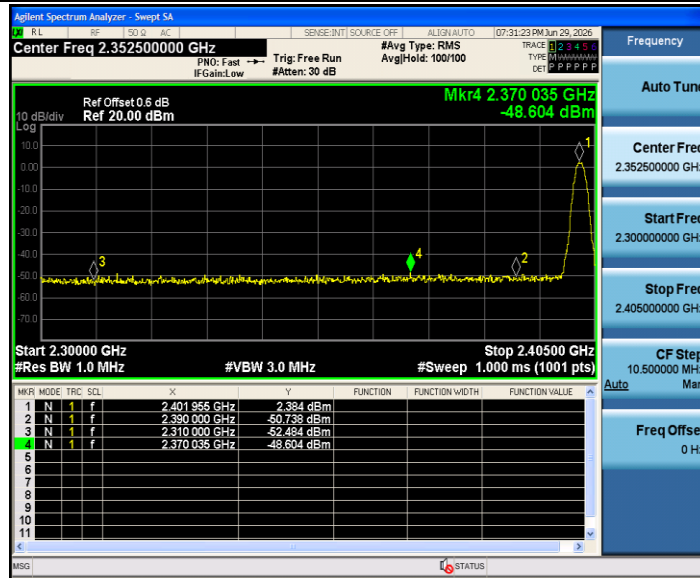
DH5_Ant1_High_2480_Peak



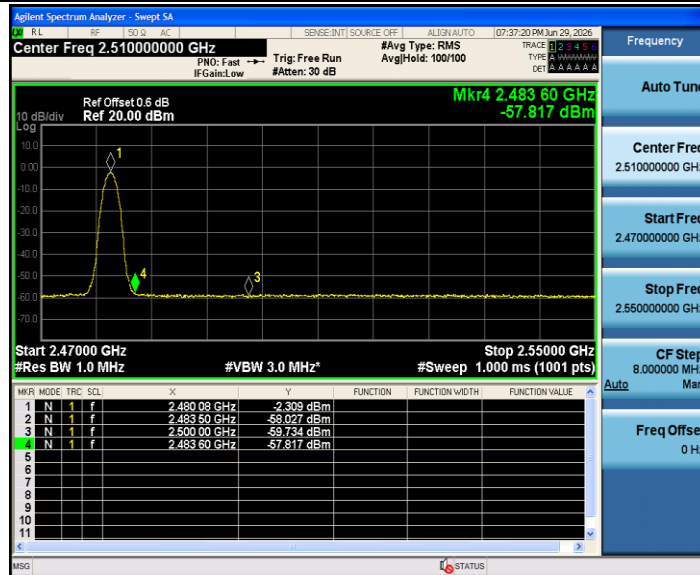
2DH5_Ant1_Low_2402_AV



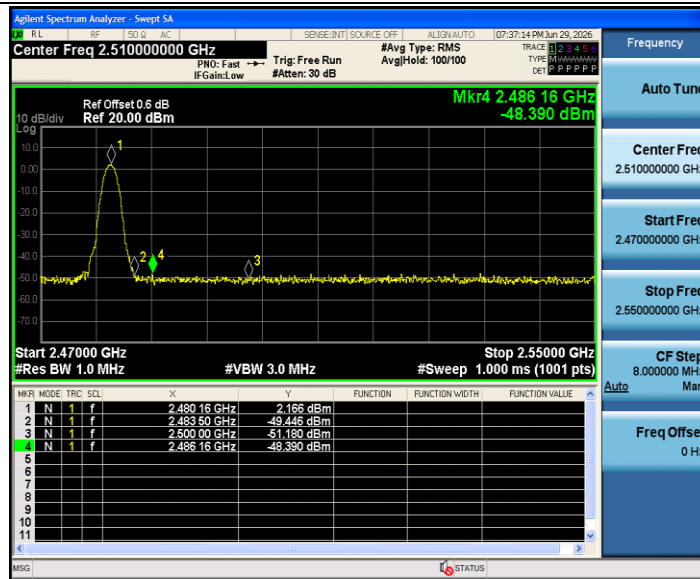
2DH5_Ant1_Low_2402_Peak



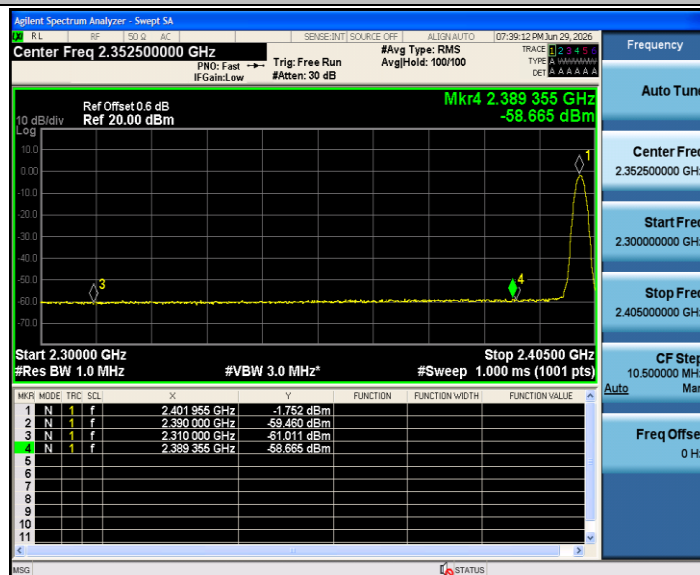
2DH5_Ant1_High_2480_AV



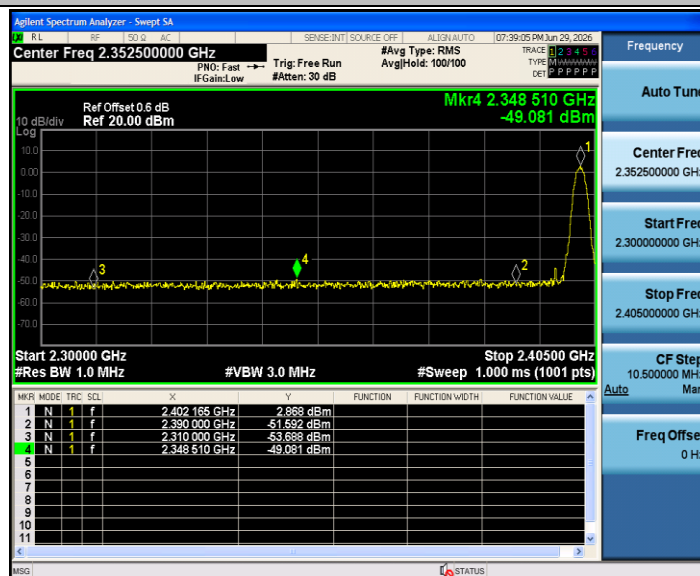
2DH5_Ant1_High_2480_Peak



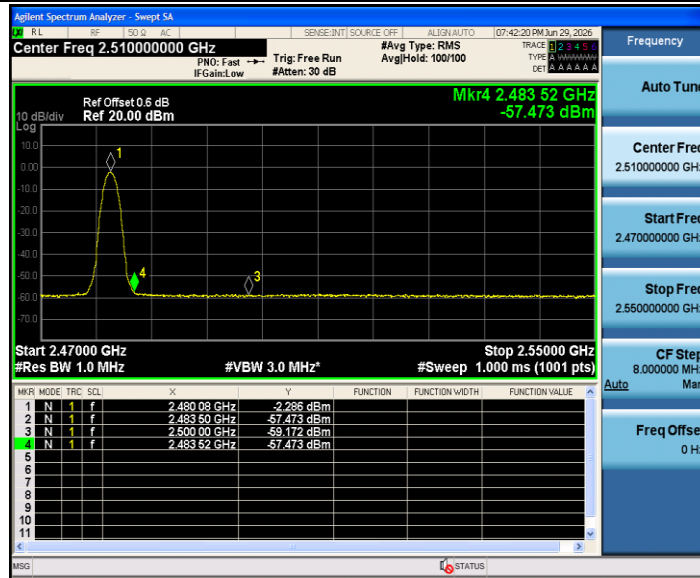
3DH5_Ant1_Low_2402_AV



3DH5_Ant1_Low_2402_Peak



3DH5_Ant1_High_2480_AV



3DH5_Ant1_High_2480_Peak

