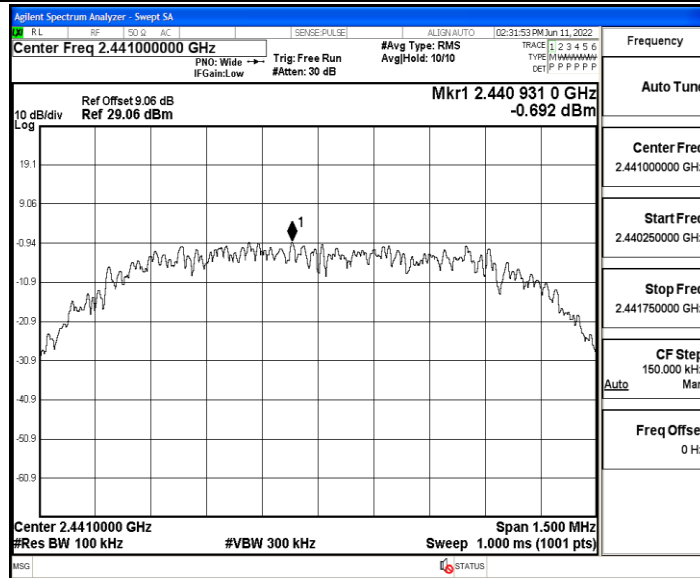
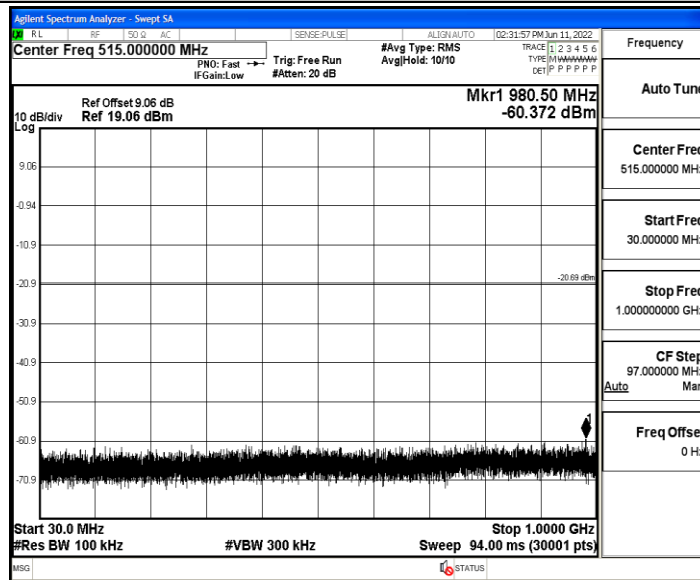
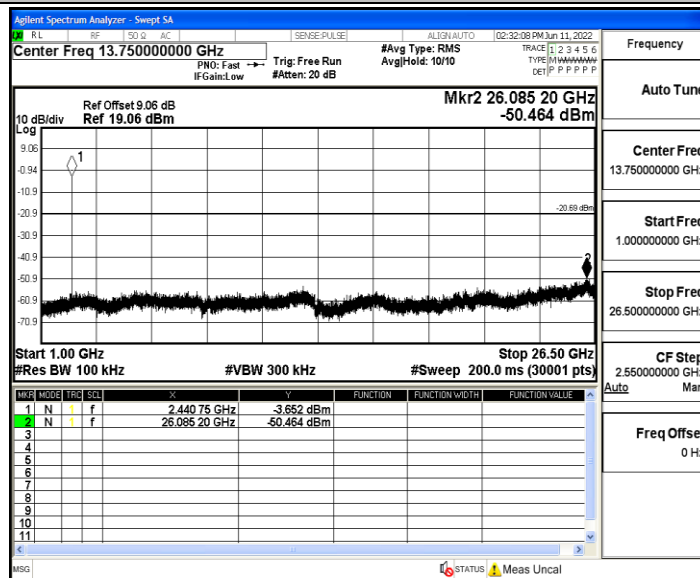




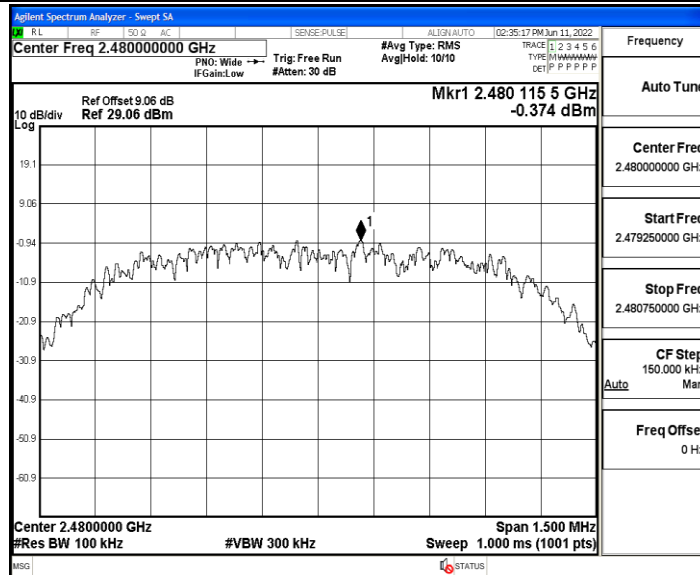
3DH5_Ant1_2441_30~1000



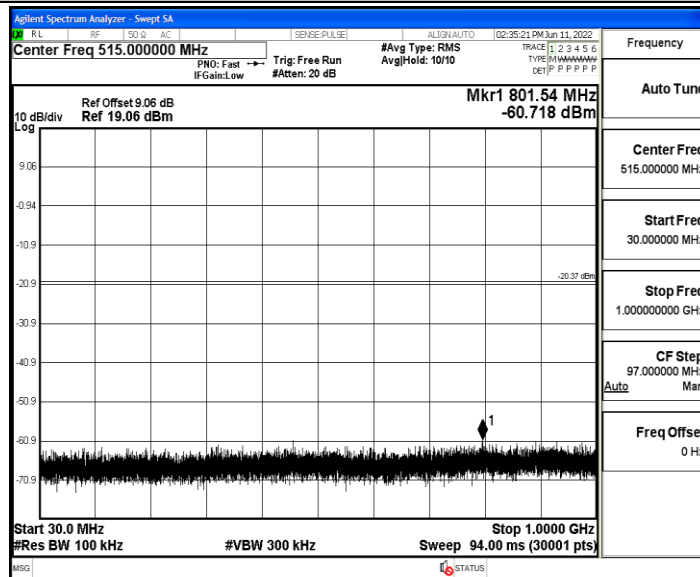
3DH5_Ant1_2441_1000~26500



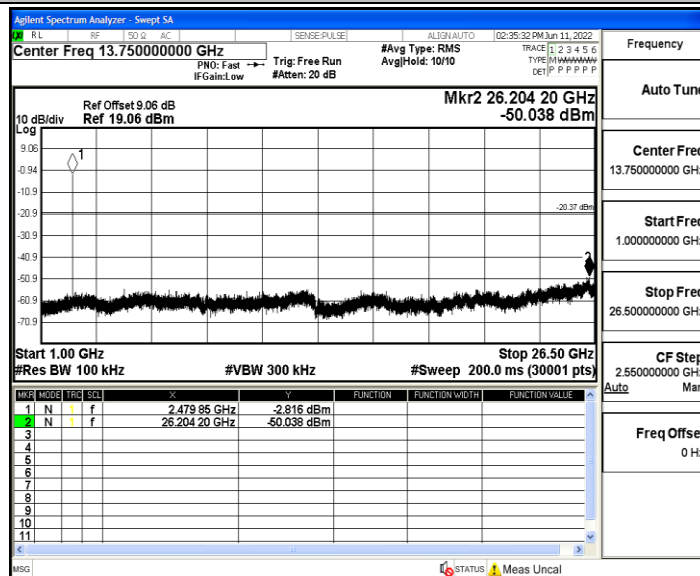
3DH5_Ant1_2480_0~Reference



3DH5_Ant1_2480_30~1000



3DH5_Ant1_2480_1000~26500



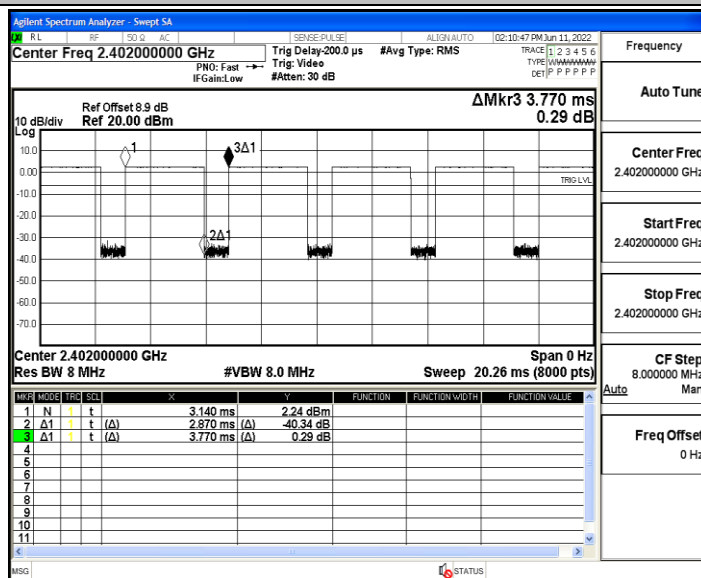
Appendix I: Duty Cycle

Test Result

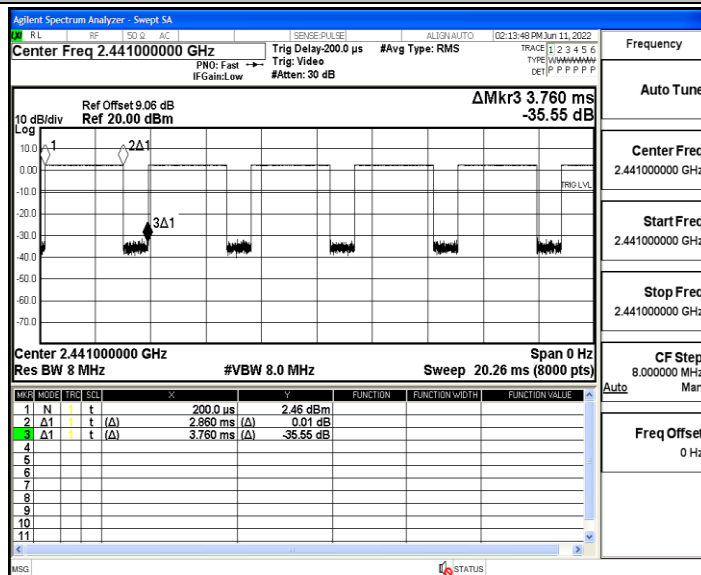
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T[kHz]
DH5	Ant1	2402	2.87	3.77	76.13	0.35
		2441	2.86	3.76	76.06	0.35
		2480	2.86	3.77	75.86	0.35
2DH5	Ant1	2402	2.88	3.79	75.99	0.35
		2441	2.88	3.78	76.19	0.35
		2480	2.88	3.79	75.99	0.35
3DH5	Ant1	2402	2.89	3.79	76.25	0.35
		2441	2.89	3.79	76.25	0.35
		2480	2.88	3.78	76.19	0.35

Test Graphs

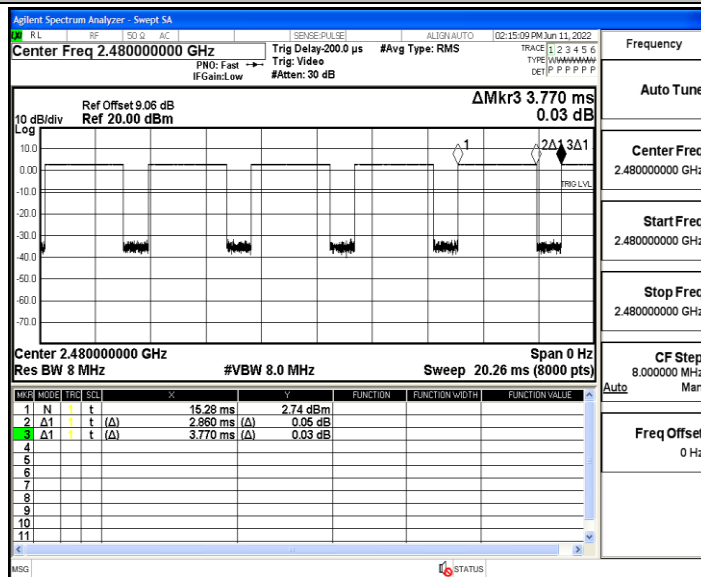
DH5_Ant1_2402



DH5_Ant1_2441



DH5_Ant1_2480



Agilent Spectrum Analyzer - Sweep SA

RL RB SO G AC

Center Freq 2.402000000 GHz

Trig Delay: 300.0 μ s #Avg Type: RMS

PW: Fast IF Gain: Low Trig: Video Att: 30 dB

TRAC: 12 3 4 5 6 TYPE: WMMMMW DET: P P P P P

Frequency

Auto Tune

Center Freq 2.402000000 GHz

Start Freq 2.402000000 GHz

Stop Freq 2.402000000 GHz

CF Step 8.000000 MHz

Auto Man

Freq Offset 0 Hz

Ref Offset 8.9 dB

Ref 20.00 dBm

Δ Mkr3 3.790 ms

5.02 dB

10 dB/div

Log

1

2 1 3 1

TRIG LVL

Center 2.402000000 GHz

Span 0 Hz

Res BW 8 MHz

#VBW 8.0 MHz

Sweep 20.26 ms (8000 pts)

MFR	MODE	TRIG	SEL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	t	t	7.060 ms	-2.53 dBm			
2	Δ 1	t	(Δ)	2.880 ms (Δ)	4.77 dB			
3	Δ 1	t	(Δ)	3.790 ms (Δ)	5.02 dB			
4								
5								
6								
7								
8								
9								
10								
11								

MSG

STATUS

[illegible]

Agilent Spectrum Analyzer - Sweep SA

RL RF SO G AC [SENSE:PUSE] ALIGN: AUTO 02:24:24 PM Jun 11, 2022

Center Freq 2.480000000 GHz Trig Delay: 200.0 μ s #Avg Type: RMS TRACE 1 2 3 4 5 6
 PNO: Fast IF Gain: Low #Atten: 30 dB TYPE: [MANUAL] DET: P P P P P

Ref Offset 9.06 dB Δ Mkr3 3.790 ms
 Ref 20.00 dB 33.50 dB

MkR	MODE	TRIG	SCN	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		t	14.38 ms	-30.67 dBm			
2	Δ 1		t (Δ)	2.880 ms (Δ)	33.90 dB			
3	Δ 1		t (Δ)	3.790 ms (Δ)	33.50 dB			
4								
5								
6								
7								
8								
9								
10								
11								

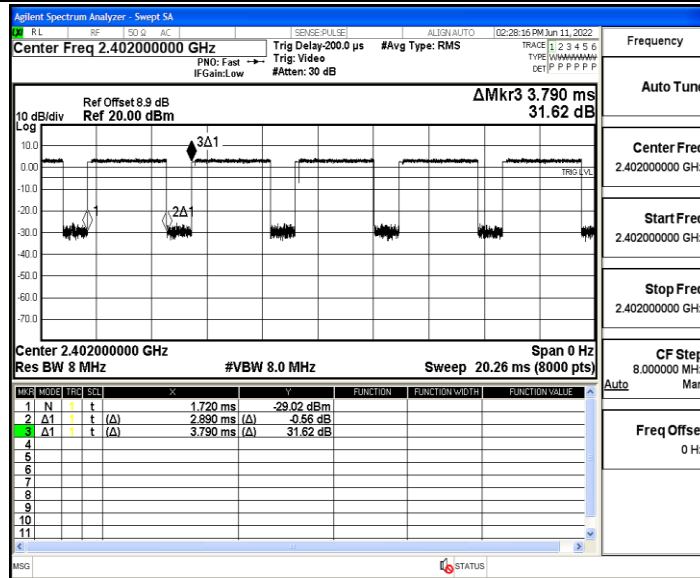
Center 2.480000000 GHz Span 0 Hz
 Res BW 8 MHz #VBW 8.0 MHz Sweep 20.26 ms (8000 pts)

CF Step 8.0000000 MHz
 Auto Man

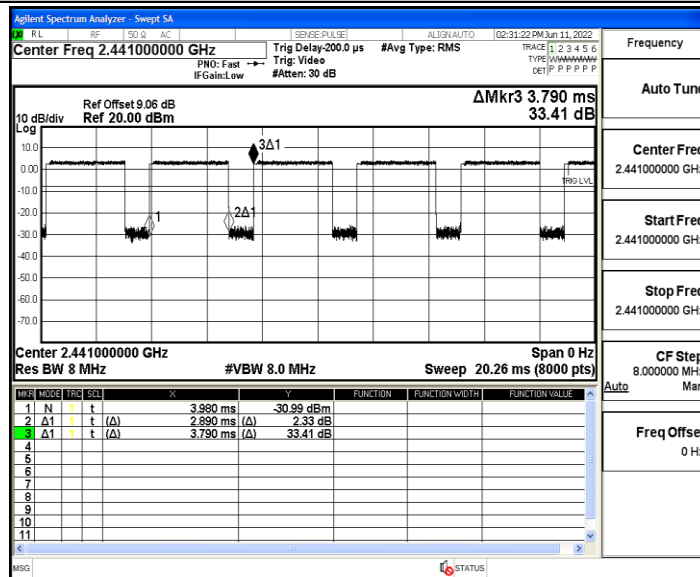
Freq Offset 0 Hz

MSG STATUS

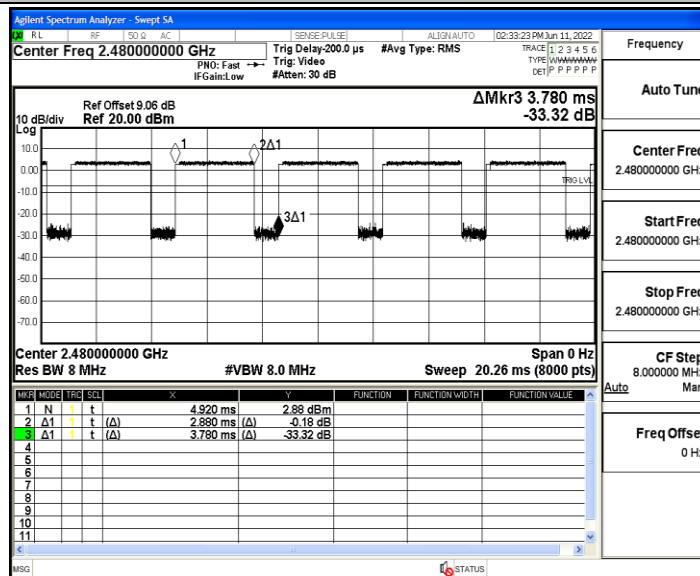
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3DH5_Ant1_2441



3DH5_Ant1_2480



Appendix J: Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq(MHz)	Result(dBm)	Limit(dBm)	Verdict
DH5	Ant1	Low	2402	AV	2310.000	-47.51	≤-41.20	PASS
				AV	2380.955	-47.07	≤-41.20	PASS
				AV	2390.000	-47.25	≤-41.20	PASS
				Peak	2310.000	-39.33	≤-21.20	PASS
				Peak	2371.085	-37.83	≤-21.20	PASS
				Peak	2390.000	-38.97	≤-21.20	PASS
		High	2480	AV	2483.500	-46.11	≤-41.20	PASS
				AV	2483.520	-46.11	≤-41.20	PASS
				AV	2500.000	-46.45	≤-41.20	PASS
				Peak	2483.500	-39.74	≤-21.20	PASS
				Peak	2493.360	-36.94	≤-21.20	PASS
				Peak	2500.000	-39.09	≤-21.20	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-47.6	≤-41.20	PASS
				AV	2389.145	-47.13	≤-41.20	PASS
				AV	2390.000	-47.15	≤-41.20	PASS
				Peak	2310.000	-41.5	≤-21.20	PASS
				Peak	2336.015	-37.79	≤-21.20	PASS
				Peak	2390.000	-39.26	≤-21.20	PASS
		High	2480	AV	2483.500	-45.43	≤-41.20	PASS
				AV	2483.520	-45.43	≤-41.20	PASS
				AV	2500.000	-46.13	≤-41.20	PASS
				Peak	2483.500	-39.52	≤-21.20	PASS
				Peak	2498.160	-35.97	≤-21.20	PASS
				Peak	2500.000	-39.01	≤-21.20	PASS
3DH5	Ant1	Low	2402	AV	2310.000	-47.13	≤-41.20	PASS
				AV	2388.935	-46.63	≤-41.20	PASS
				AV	2390.000	-46.8	≤-41.20	PASS
				Peak	2310.000	-39.58	≤-21.20	PASS
				Peak	2362.055	-36.25	≤-21.20	PASS
				Peak	2390.000	-39.25	≤-21.20	PASS
		High	2480	AV	2483.500	-45.5	≤-41.20	PASS
				AV	2483.520	-45.5	≤-41.20	PASS
				AV	2500.000	-46.16	≤-41.20	PASS
				Peak	2483.500	-39.98	≤-21.20	PASS
				Peak	2491.280	-36.64	≤-21.20	PASS
				Peak	2500.000	-37.45	≤-21.20	PASS

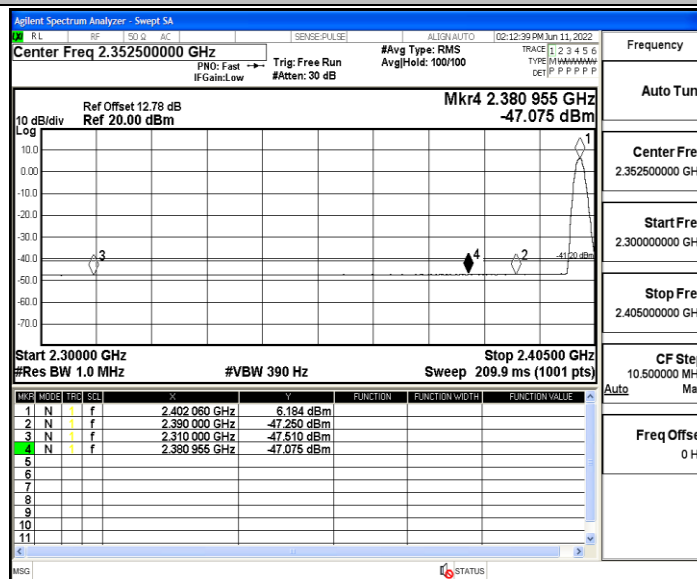
Note:

1. The Antenna Gain is compensated in the graph with 2dBi and Antenna Gain which is Higher.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The

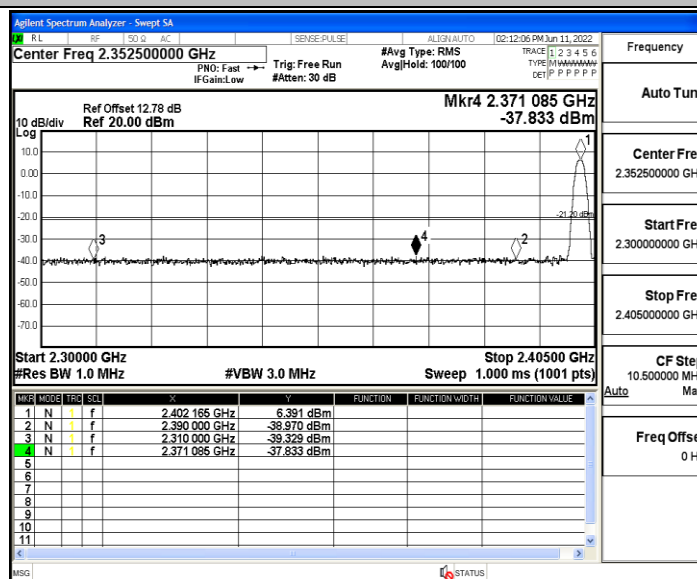
limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

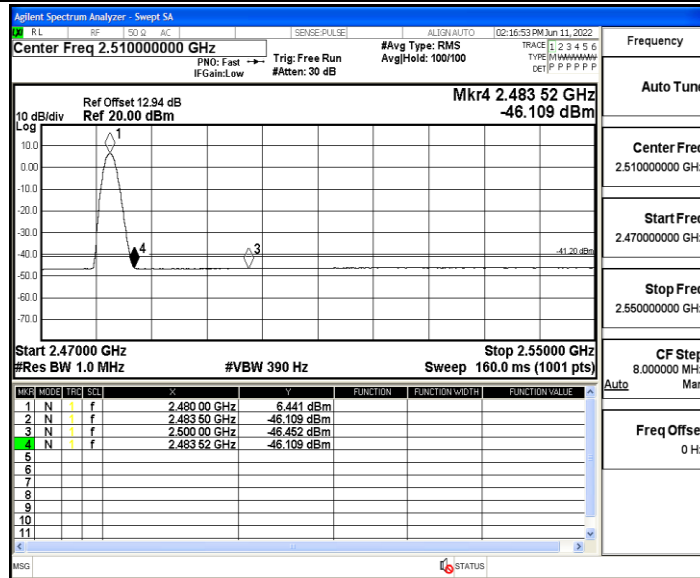
DH5_Ant1_Low_2402_AV



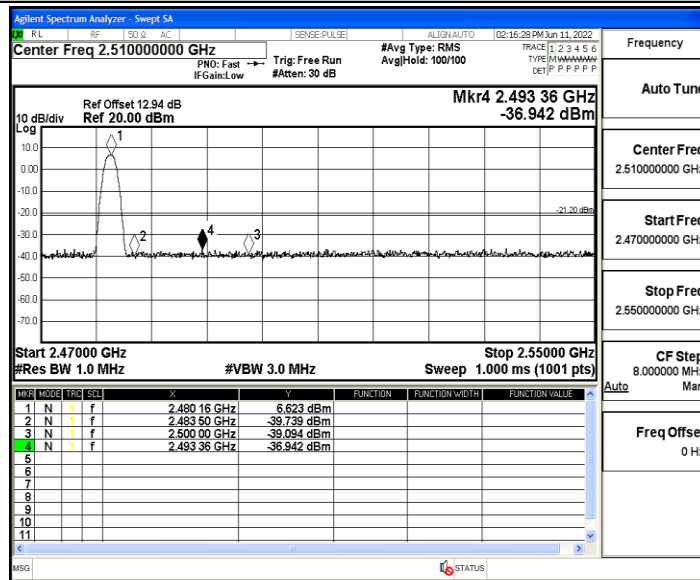
DH5_Ant1_Low_2402_Peak



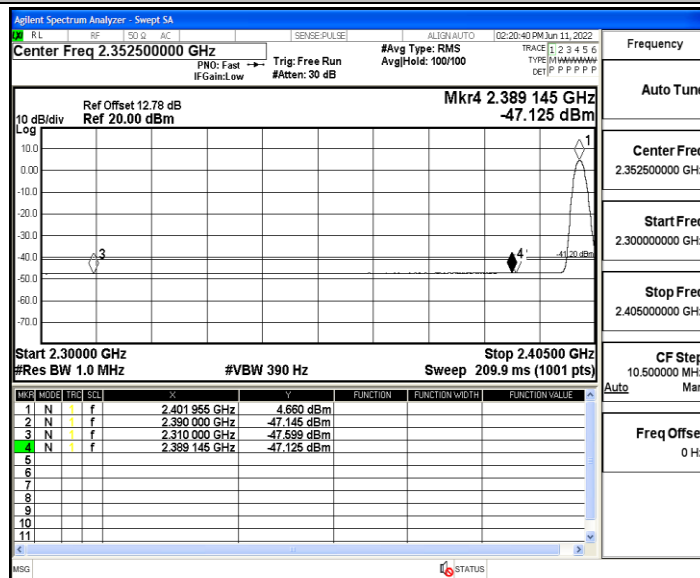
DH5_Ant1_High_2480_AV



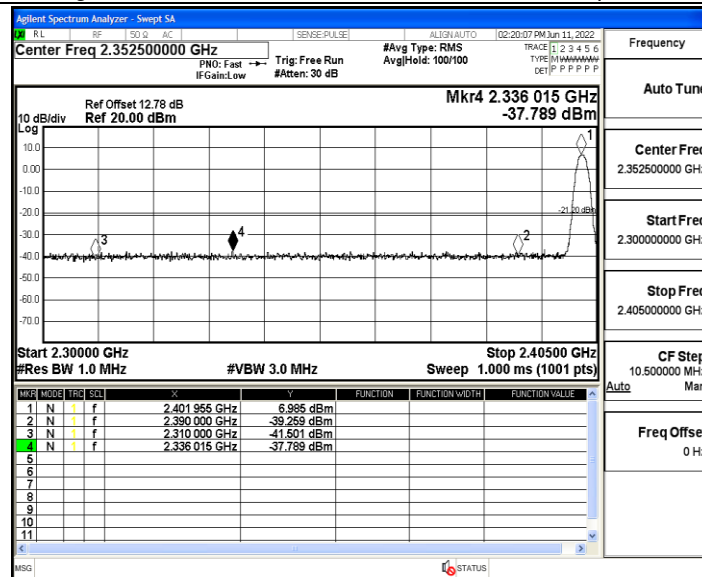
DH5_Ant1_High_2480_Peak



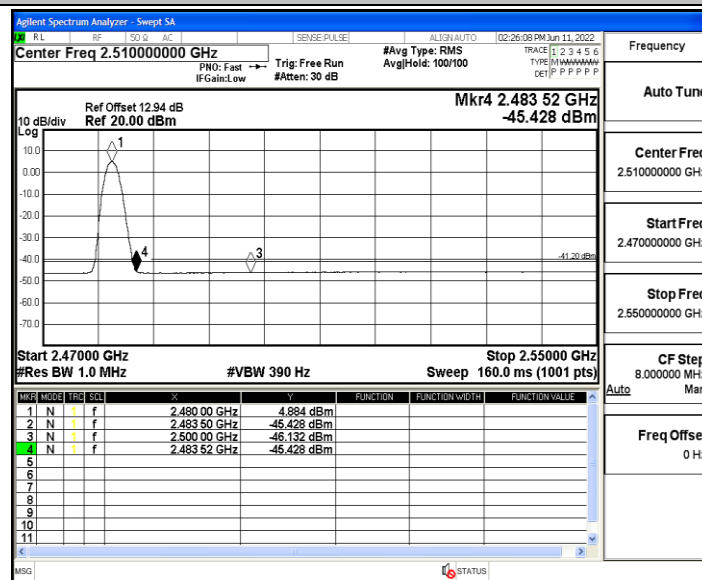
2DH5_Ant1_Low_2402_AV



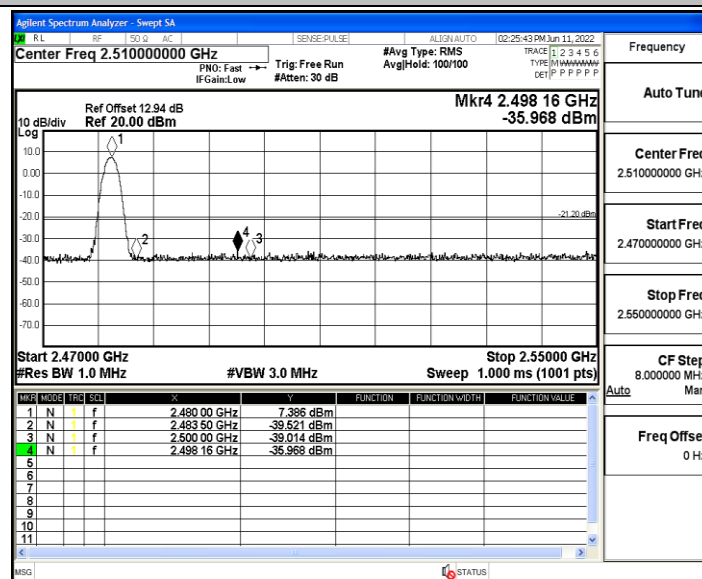
2DH5_Ant1_Low_2402_Peak



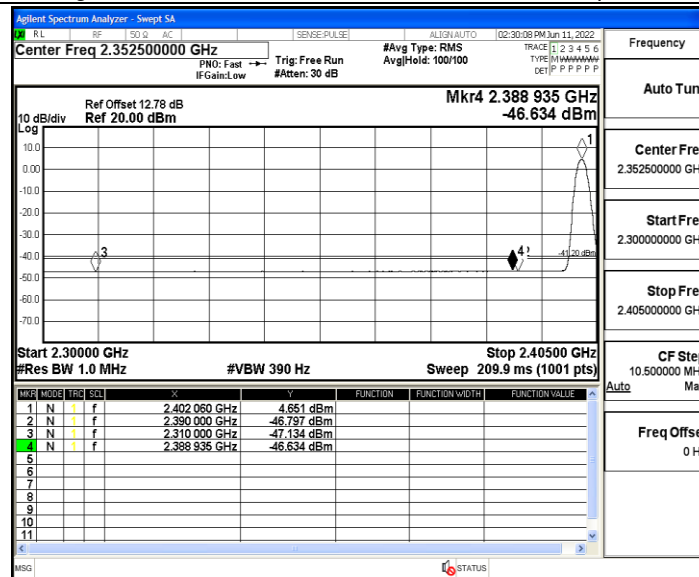
2DH5_Ant1_High_2480_AV



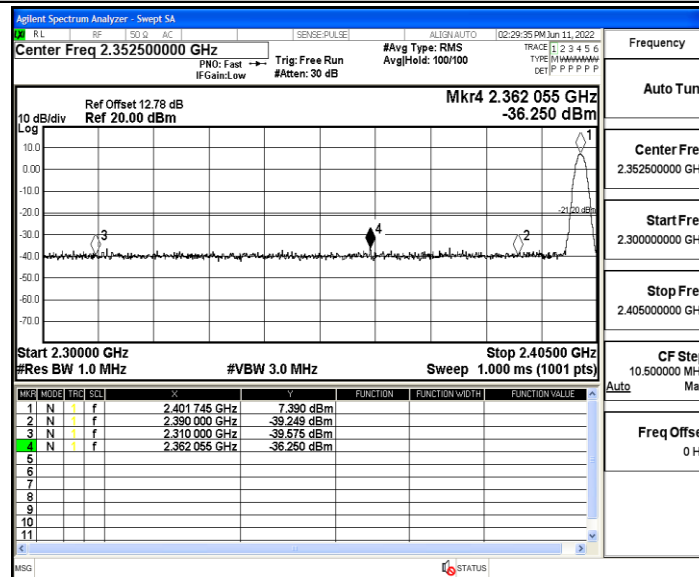
2DH5_Ant1_High_2480_Peak



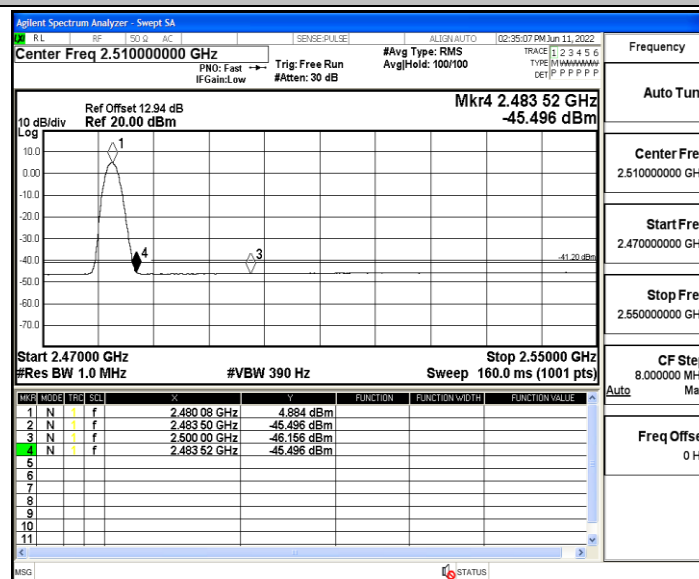
3DH5_Ant1_Low_2402_AV



3DH5_Ant1_Low_2402_Peak



3DH5_Ant1_High_2480_AV



3DH5_Ant1_High_2480_Peak

