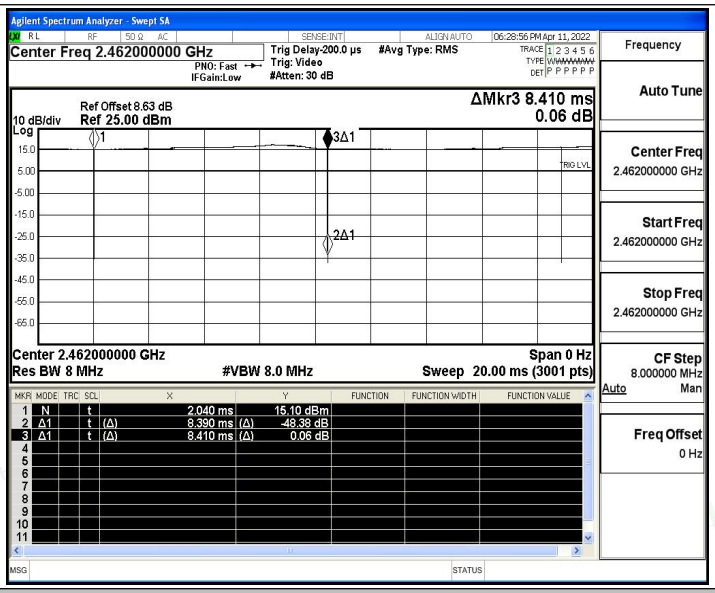
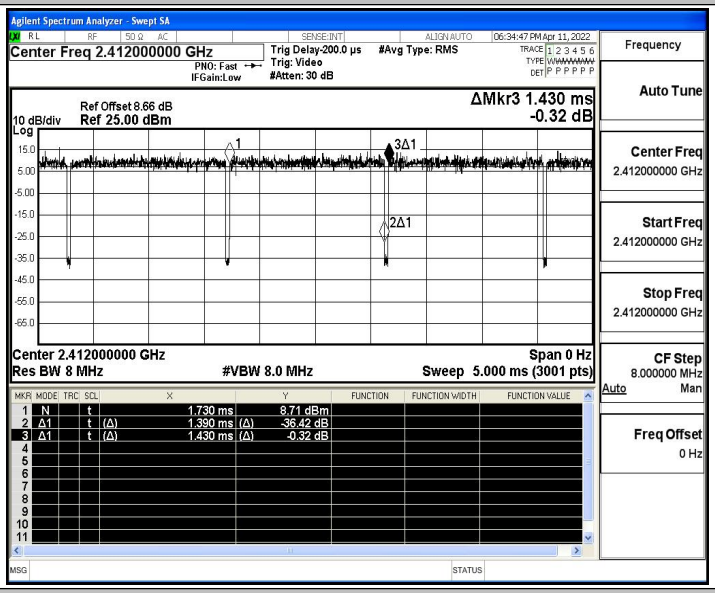


11G_Ant1_2412



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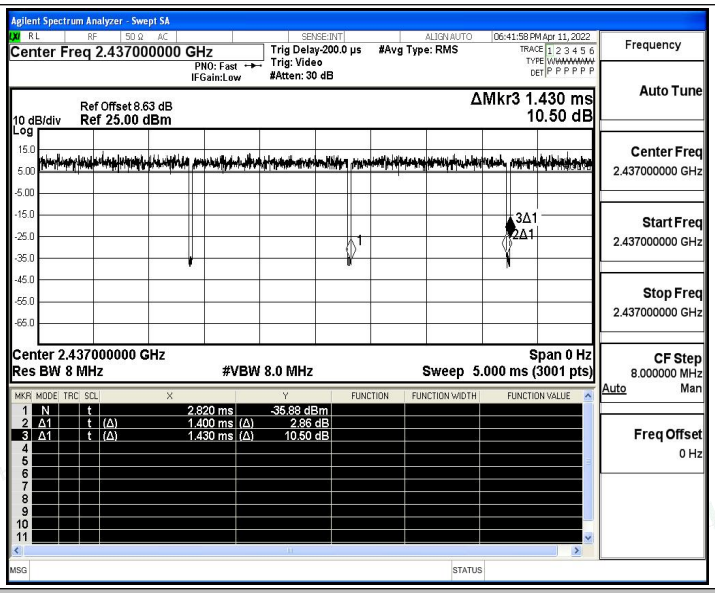

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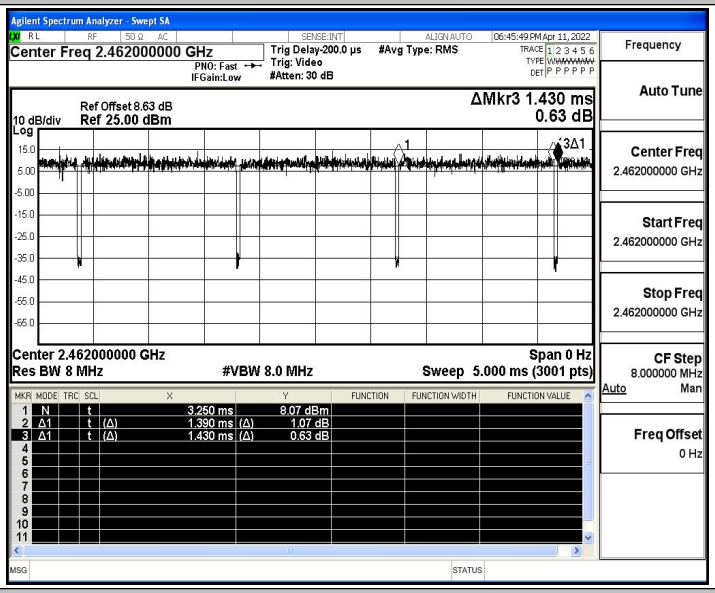
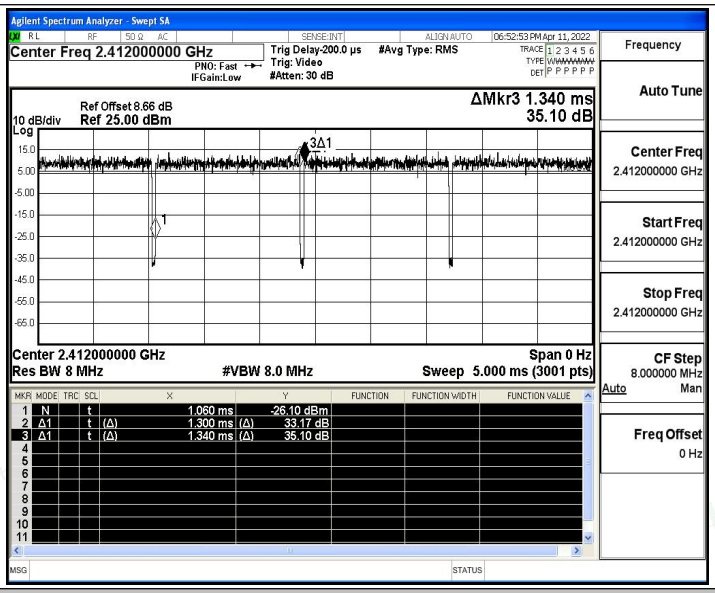


11N20SISO_Ant1_2412



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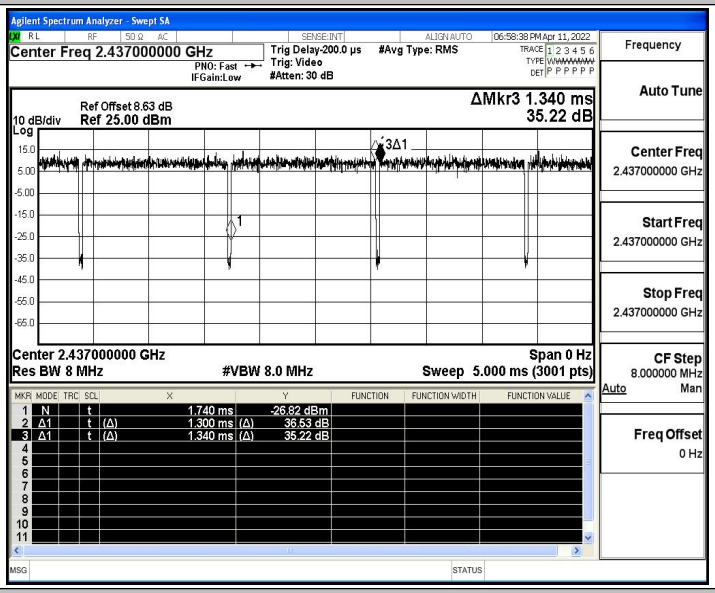

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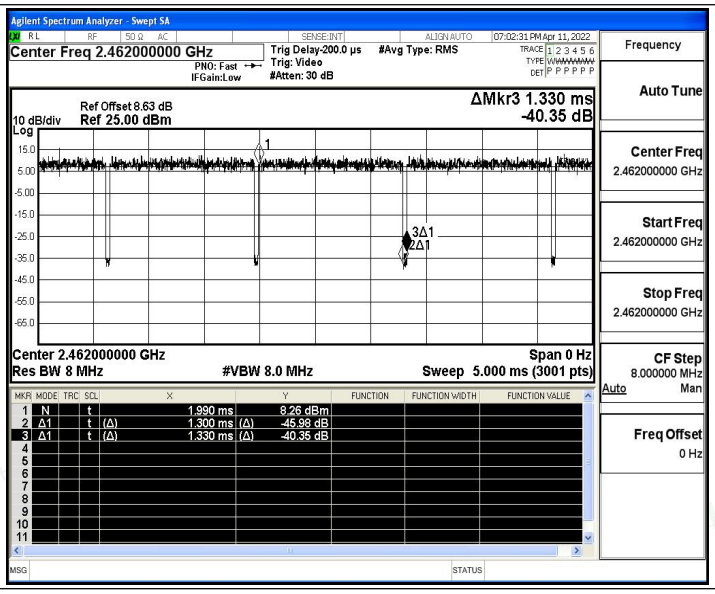

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.462000000 GHz
Trig Delay-200.0 µs
#Avg Type: RMS
07:02:31 PM Apr 11, 2022
PNO: Fast
IFGain:Low
Trig: Video
#Atten: 30 dB
Frequency
Auto Tune
Ref Offset 8.63 dB
10 dB/div
Ref 25.00 dBm
Log
ΔMkr3 1.330 ms
-40.35 dB
Center Freq
2.462000000 GHz
Start Freq
2.462000000 GHz
Stop Freq
2.462000000 GHz
Center 2.462000000 GHz
Span 0 Hz
Res BW 8 MHz
#VBW 8.0 MHz
Sweep 5.000 ms (3001 pts)
CF Step
8.000000 MHz
Auto
Man
Freq Offset
0 Hz
1 N t 1.990 ms 8.26 dBm
2 Δ1 t (Δ) 1.300 ms (Δ) -45.98 dB
3 Δ1 t (Δ) 1.330 ms (Δ) -40.35 dB
MSG
STATUS

A.7 Emissions in Restricted Bands

Test Result

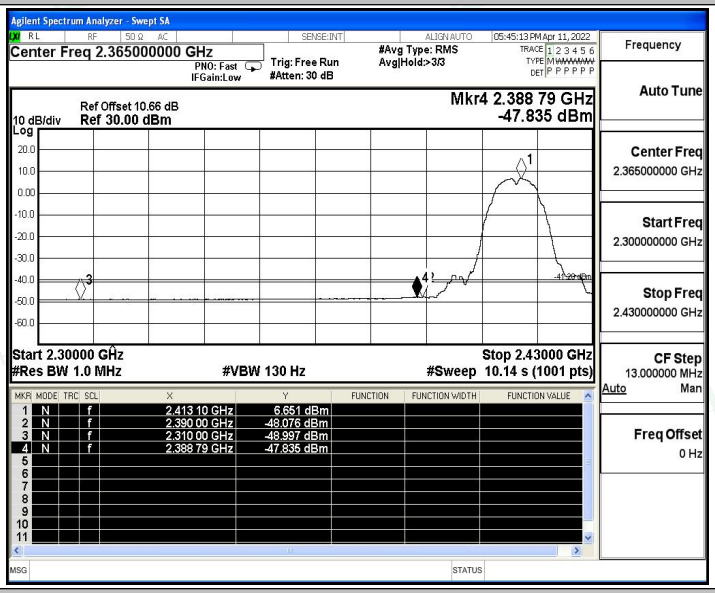
TestMode	Antenna	ChName	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant1	Low	2412	AV	2310.000	-49	≤-41.20	46.20	≤54	PASS
				AV	2388.790	-47.83	≤-41.20	47.37	≤54	PASS
				AV	2390.000	-48.08	≤-41.20	47.12	≤54	PASS
				Peak	2310.000	-38.58	≤-21.20	56.62	≤74	PASS
				Peak	2361.490	-36.14	≤-21.20	59.06	≤74	PASS
				Peak	2390.000	-37.43	≤-21.20	57.77	≤74	PASS
		High	2462	AV	2483.500	-47.93	≤-41.20	47.27	≤54	PASS
				AV	2485.980	-47.86	≤-41.20	47.34	≤54	PASS
				AV	2500.000	-47.95	≤-41.20	47.25	≤54	PASS
				Peak	2483.500	-37.93	≤-21.20	57.27	≤74	PASS
				Peak	2498.960	-35.73	≤-21.20	59.47	≤74	PASS
				Peak	2500.000	-36.96	≤-21.20	58.24	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-48.56	≤-41.20	46.64	≤54	PASS
				AV	2389.960	-47.17	≤-41.20	48.03	≤54	PASS
				AV	2390.000	-47.17	≤-41.20	48.03	≤54	PASS
				Peak	2310.000	-38.56	≤-21.20	56.64	≤74	PASS
				Peak	2388.140	-35.84	≤-21.20	59.36	≤74	PASS
				Peak	2390.000	-37.25	≤-21.20	57.95	≤74	PASS
		High	2462	AV	2483.500	-47.15	≤-41.20	48.05	≤54	PASS
				AV	2485.540	-46.84	≤-41.20	48.36	≤54	PASS
				AV	2500.000	-47.37	≤-41.20	47.83	≤54	PASS
				Peak	2483.500	-36.94	≤-21.20	58.26	≤74	PASS
				Peak	2484.440	-34.42	≤-21.20	60.78	≤74	PASS
				Peak	2500.000	-36.86	≤-21.20	58.34	≤74	PASS
11N20SISO	Ant1	Low	2412	AV	2310.000	-48.58	≤-41.20	46.62	≤54	PASS
				AV	2389.960	-47	≤-41.20	48.20	≤54	PASS
				AV	2390.000	-47	≤-41.20	48.20	≤54	PASS
				Peak	2310.000	-38.47	≤-21.20	56.73	≤74	PASS
				Peak	2389.440	-32.95	≤-21.20	62.25	≤74	PASS
				Peak	2390.000	-34.4	≤-21.20	60.80	≤74	PASS
		High	2462	AV	2483.500	-46.97	≤-41.20	48.23	≤54	PASS
				AV	2483.780	-46.38	≤-41.20	48.82	≤54	PASS
				AV	2500.000	-47.38	≤-41.20	47.82	≤54	PASS
				Peak	2483.500	-35.64	≤-21.20	59.56	≤74	PASS
				Peak	2484.330	-32.39	≤-21.20	62.81	≤74	PASS
				Peak	2500.000	-36.9	≤-21.20	58.30	≤74	PASS

Note：

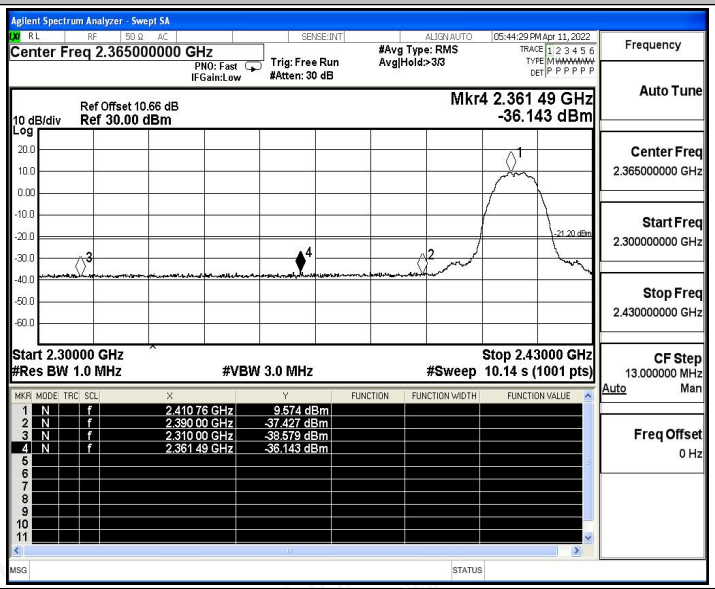
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

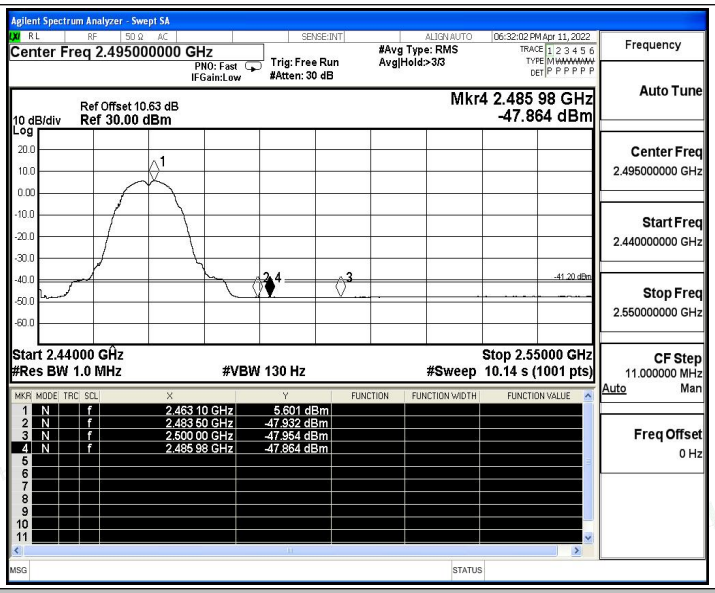
11B_Ant1_Low_2412_AV



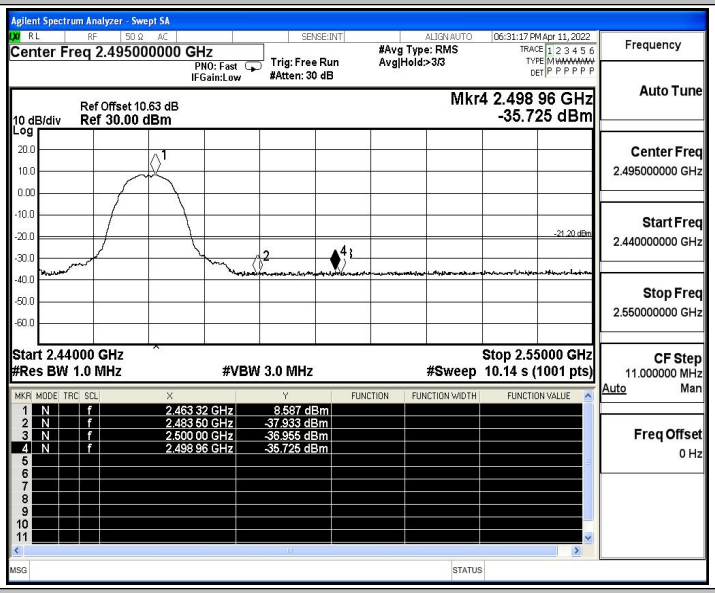
11B_Ant1_Low_2412_Peak



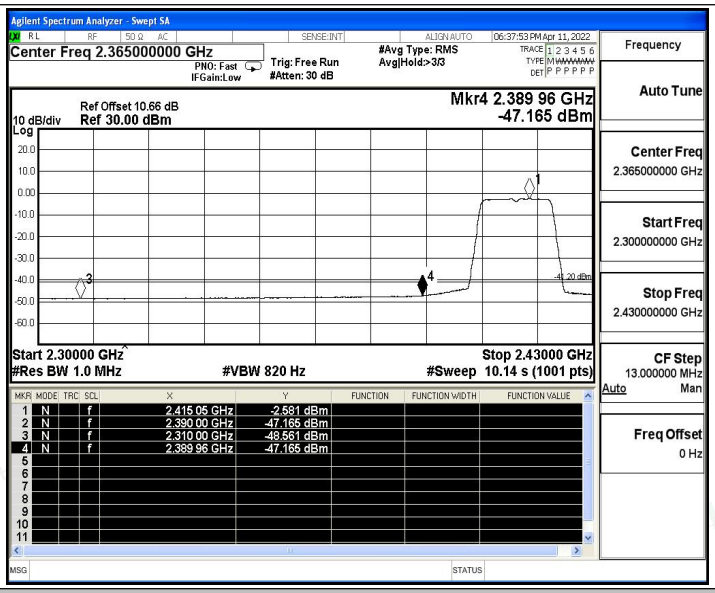
11B_Ant1_High_2462_AV



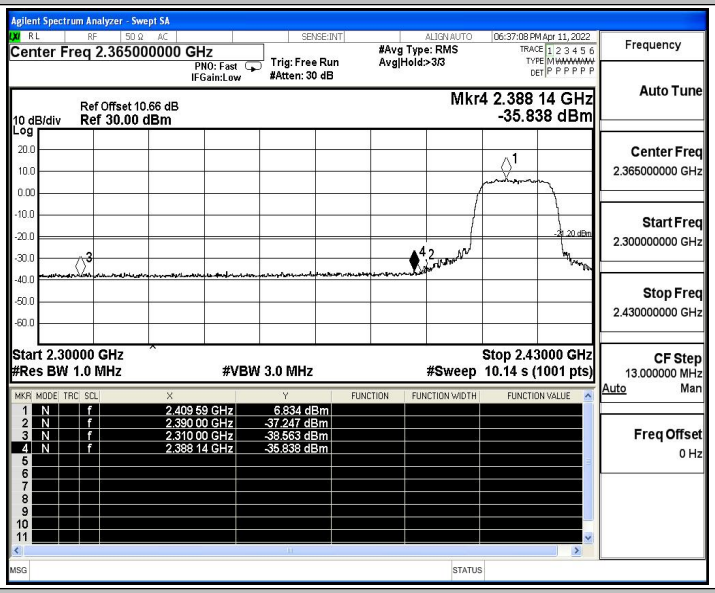
11B_Ant1_High_2462_Peak



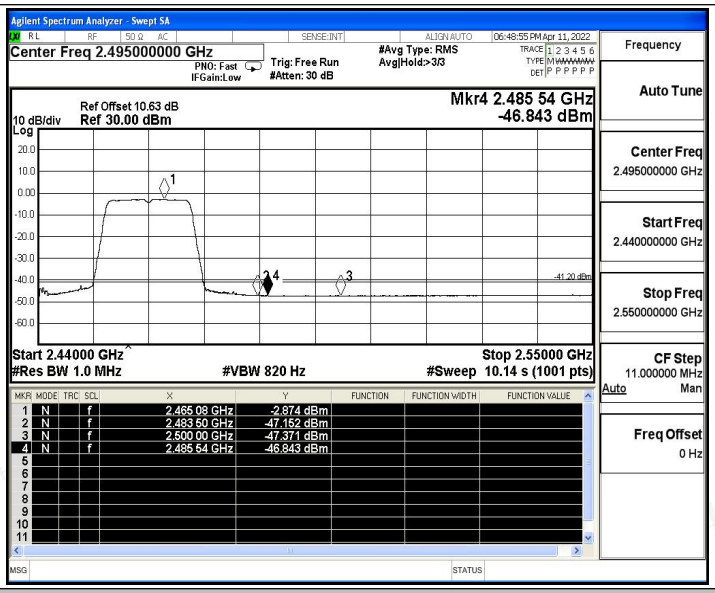
11G_Ant1_Low_2412_AV



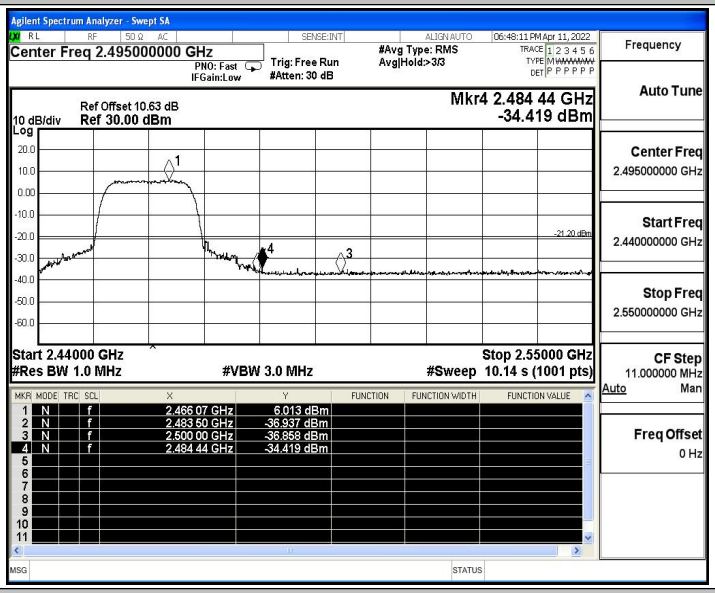
11G_Ant1_Low_2412_Peak



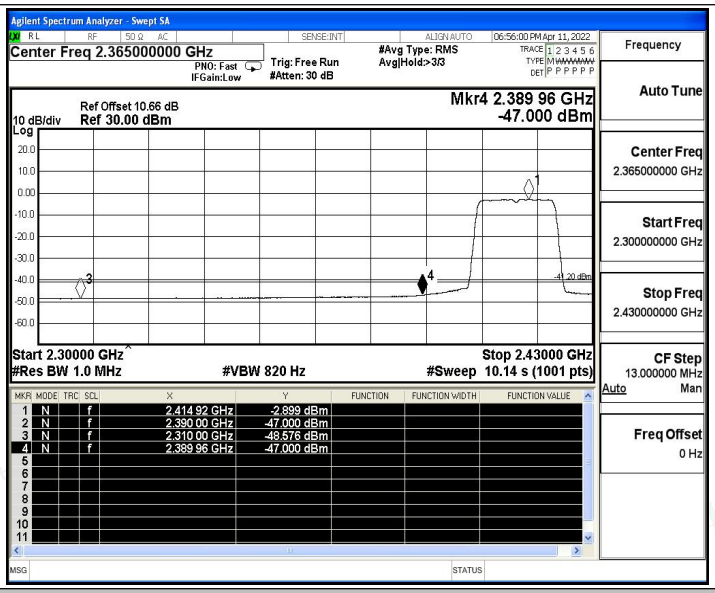
11G_Ant1_High_2462_AV



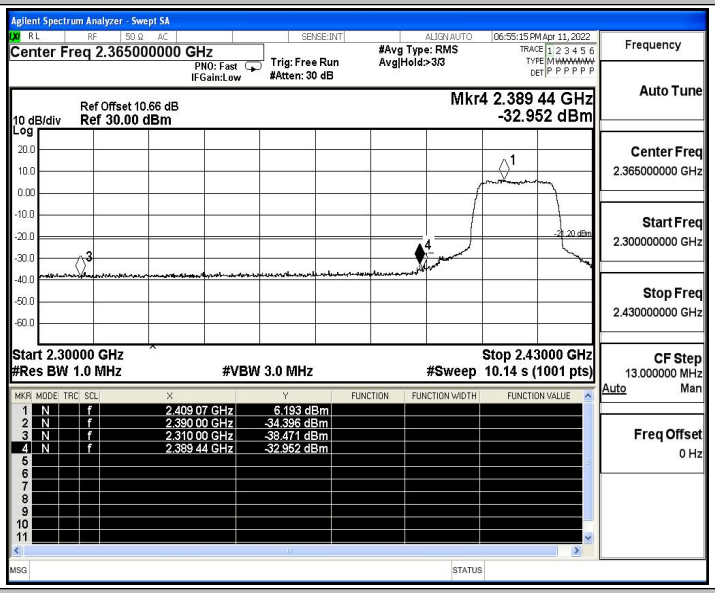
11G_Ant1_High_2462_Peak



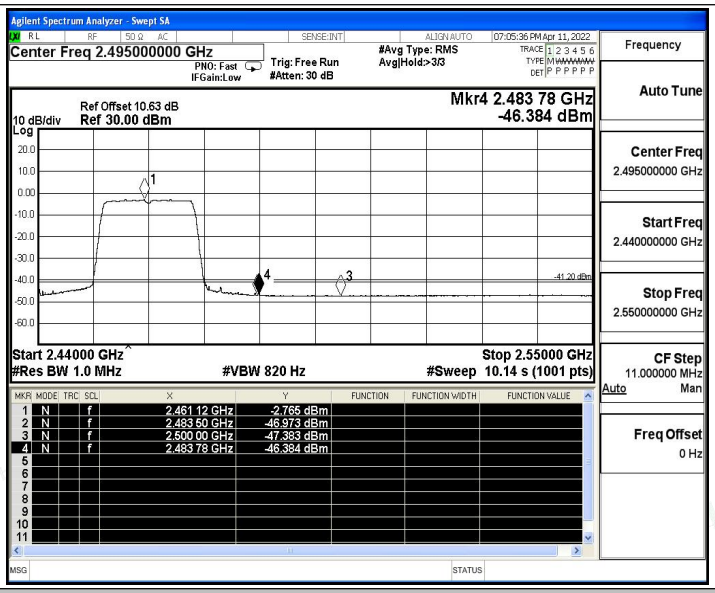
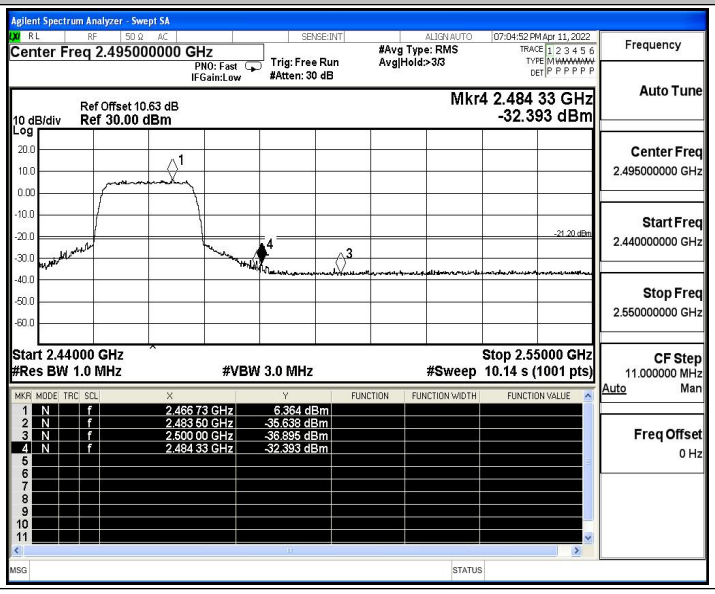
11N20SISO_Ant1_Low_2412_AV



11N20SISO_Ant1_Low_2412_Peak



11N20SISO_Ant1_High_2462_AV



11N20SISO_Ant1_High_2462_Peak