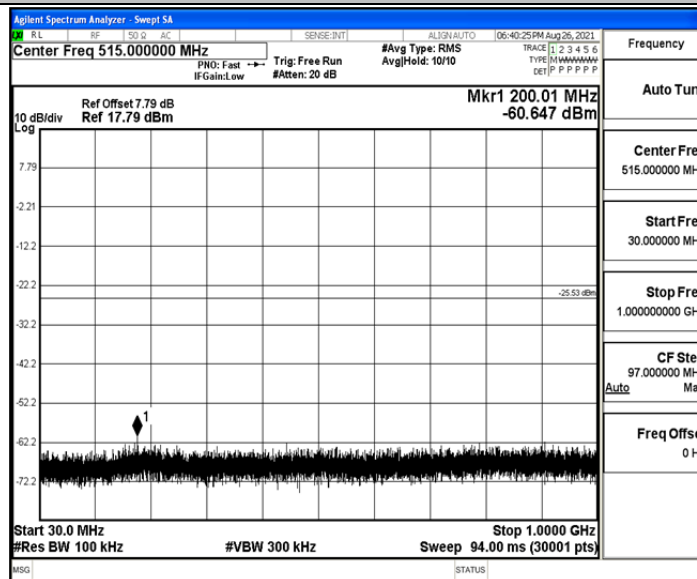
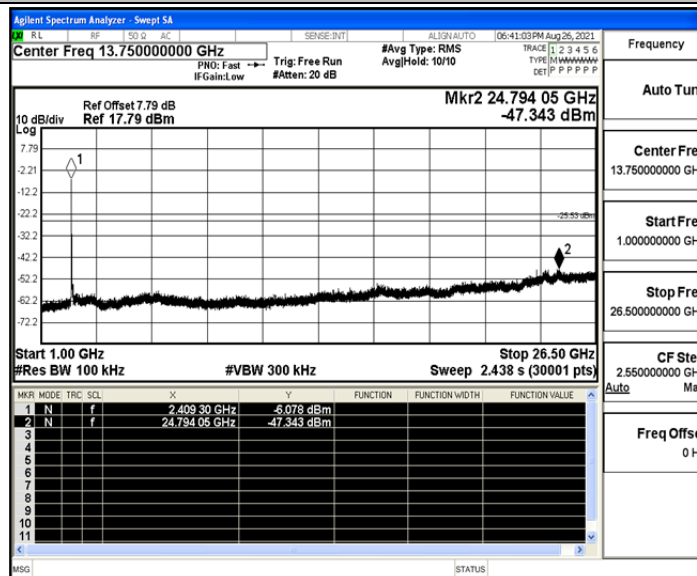




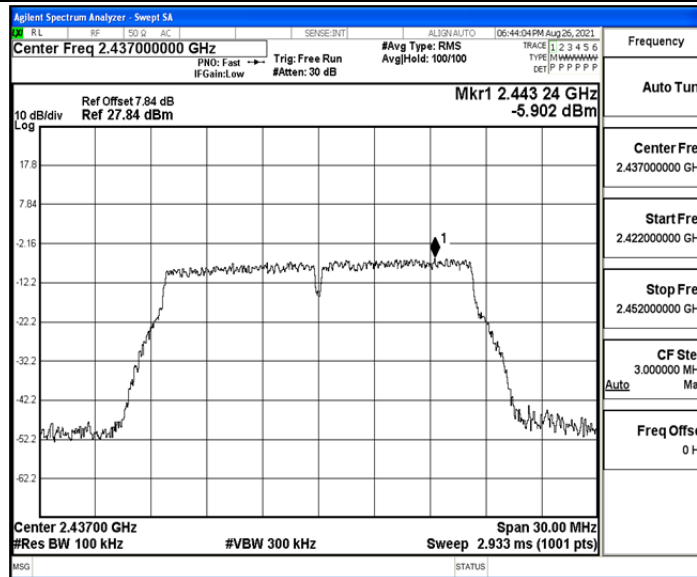
11G_Ant1_2412_30~1000



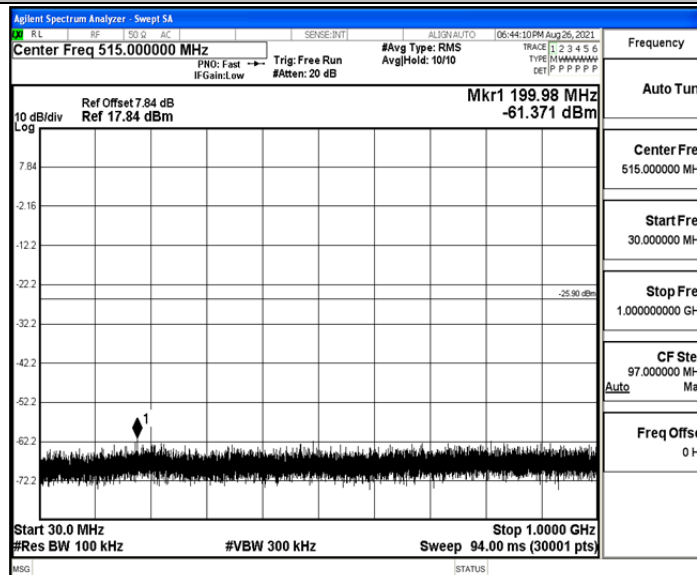
11G_Ant1_2412_1000~26500



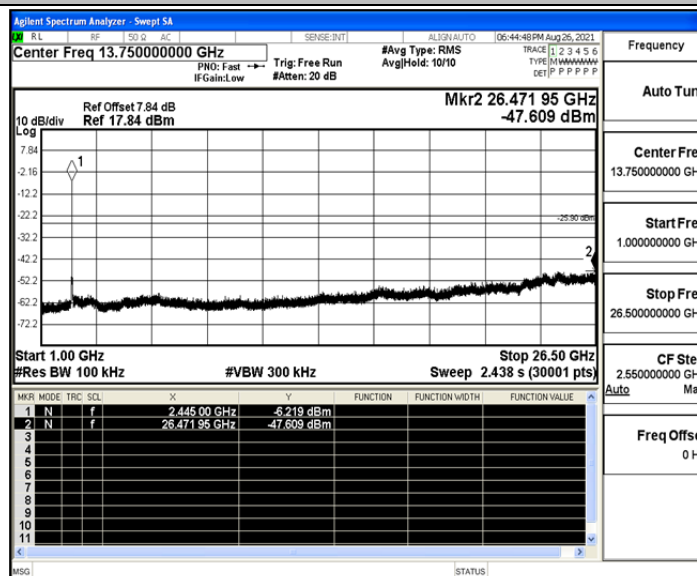
11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000

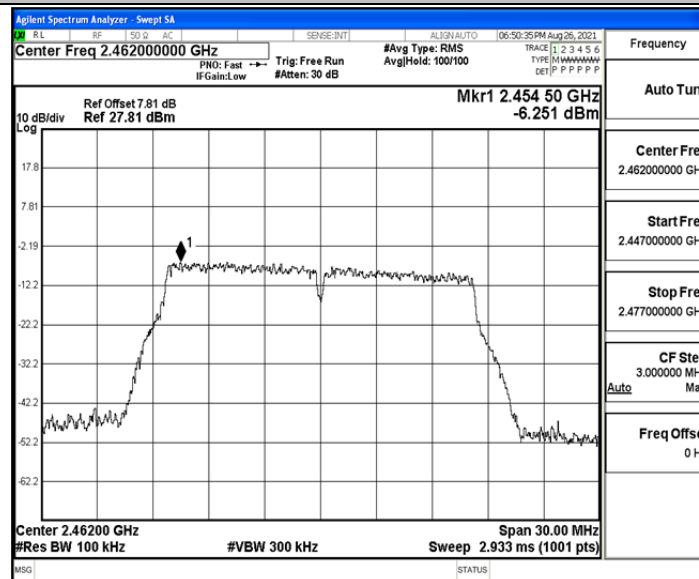


11G_Ant1_2437_1000~26500

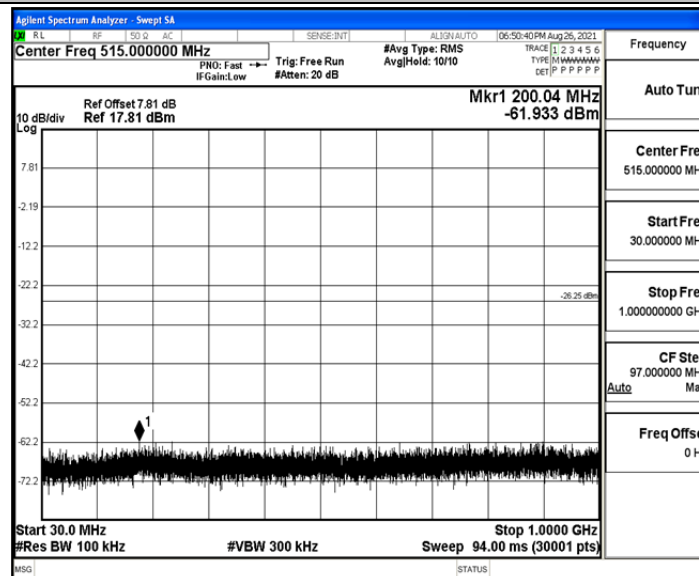




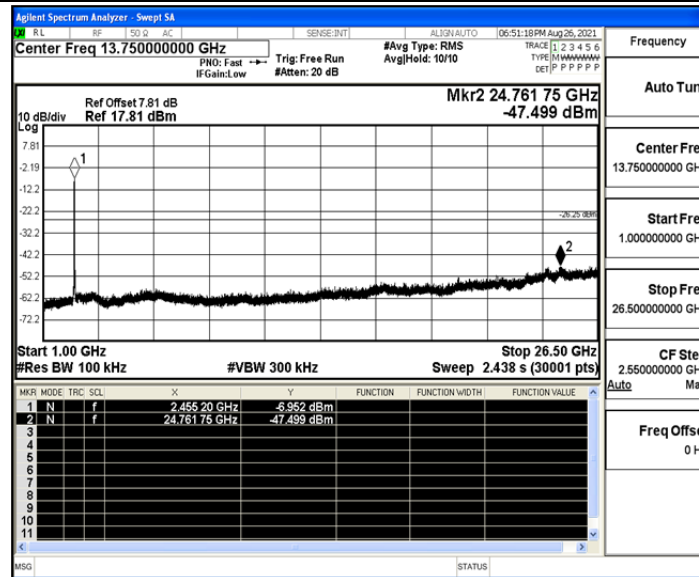
11G_Ant1_2462_0~Reference



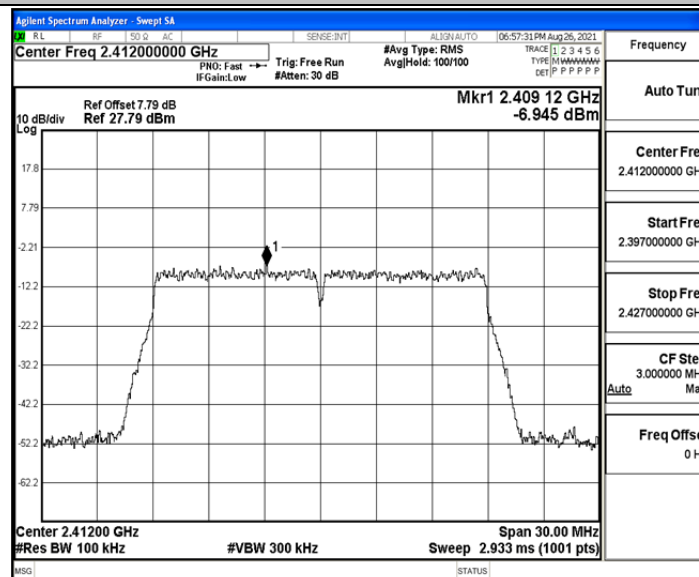
11G_Ant1_2462_30~1000



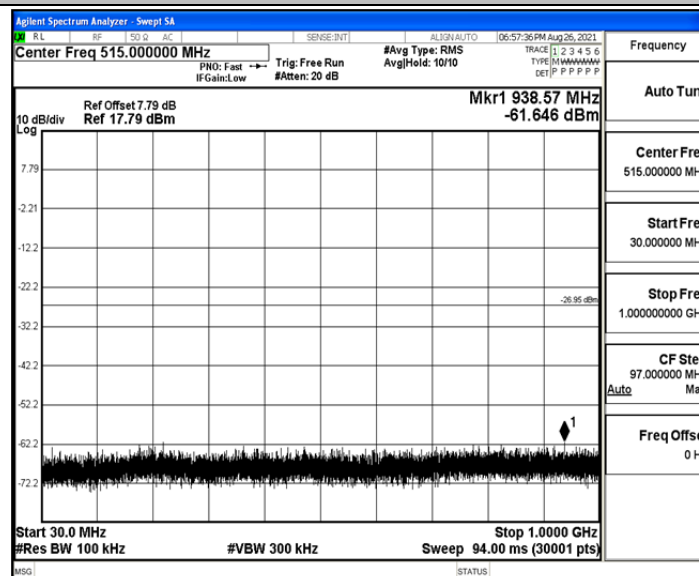
11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0~Reference

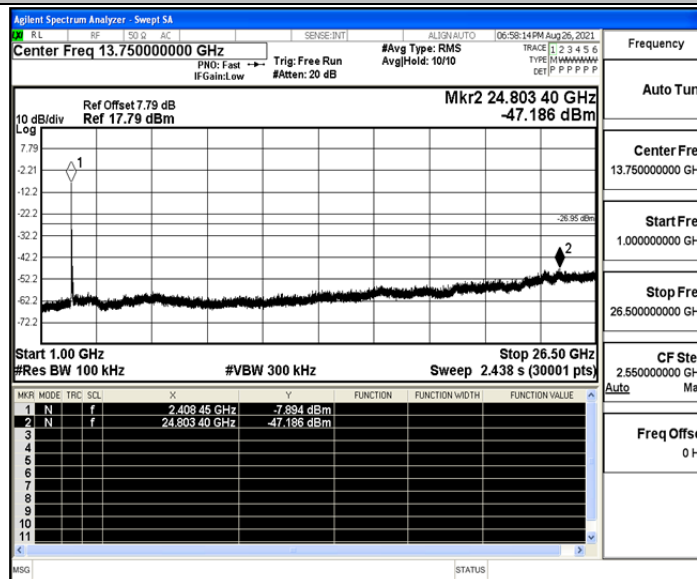


11N20SISO_Ant1_2412_30~1000

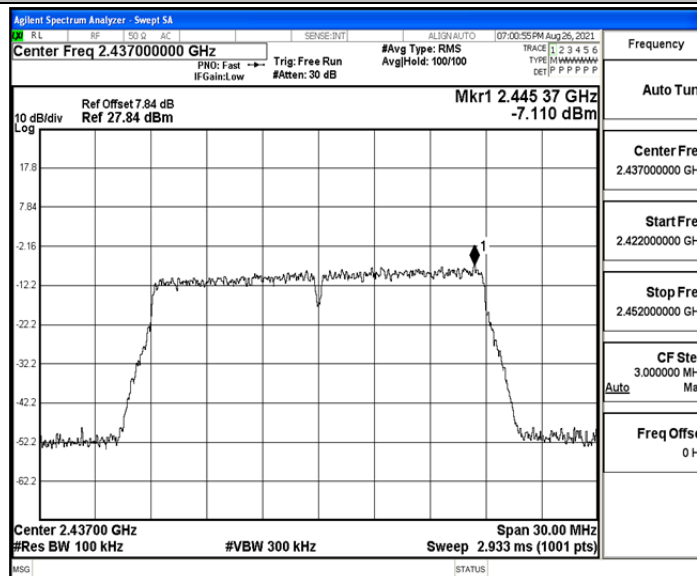




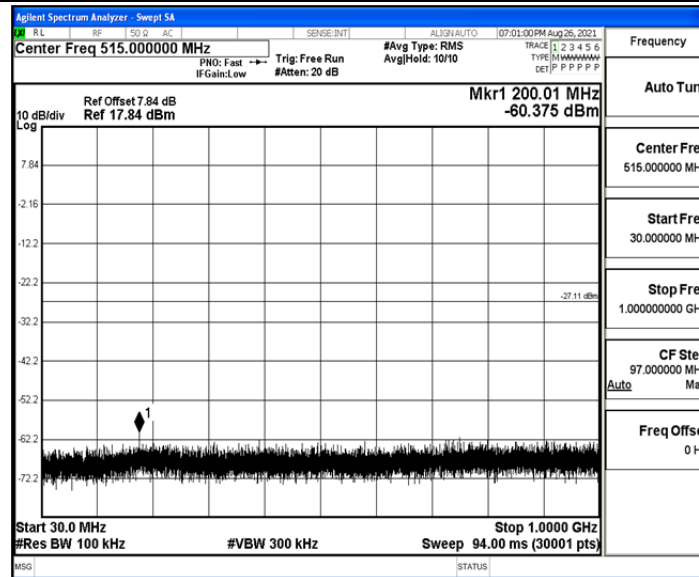
11N20SISO_Ant1_2412_1000~26500



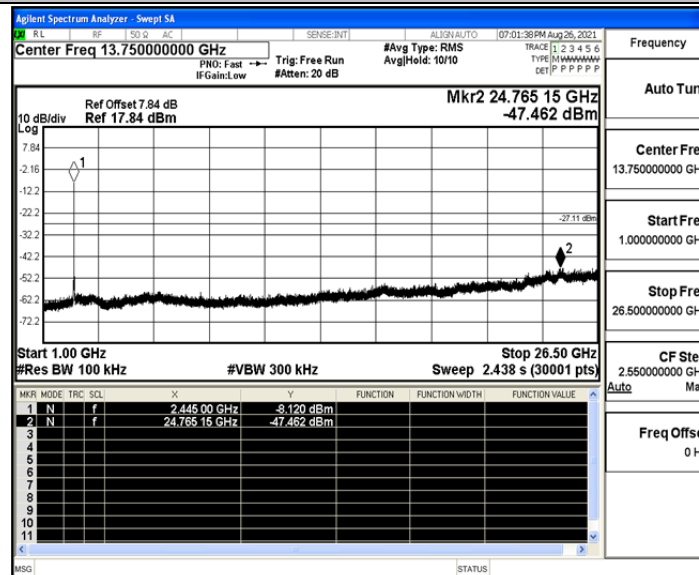
11N20SISO_Ant1_2437_0~Reference



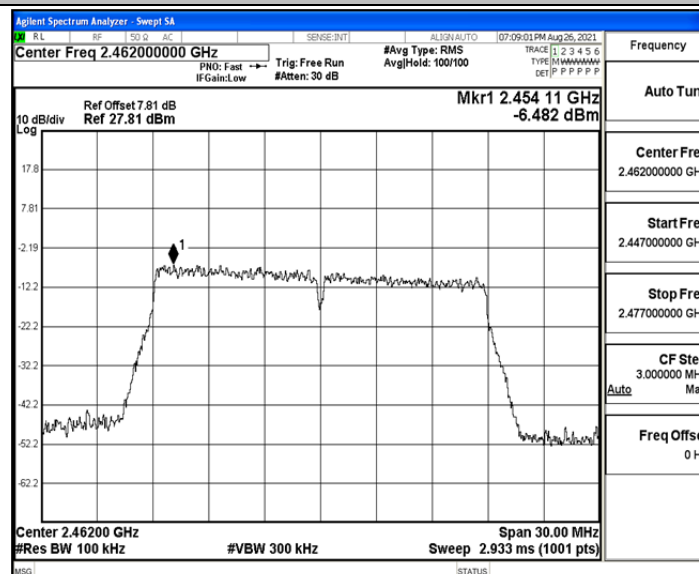
11N20SISO_Ant1_2437_30~1000



11N20SISO_Ant1_2437_1000~26500

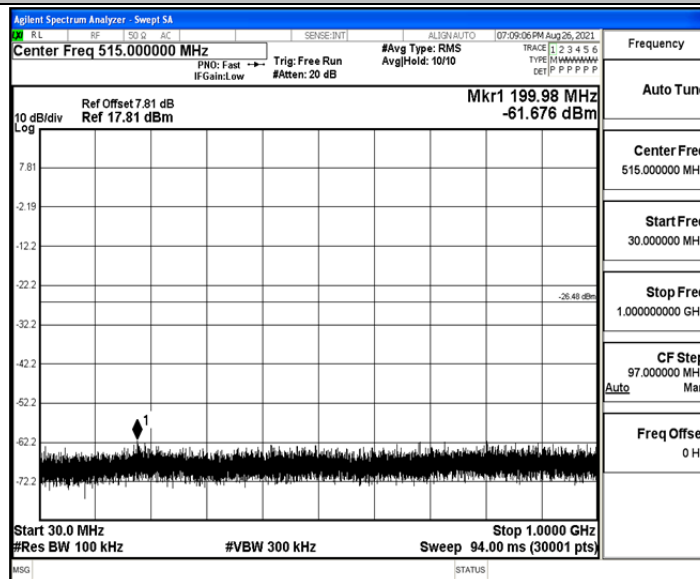


11N20SISO_Ant1_2462_0~Reference

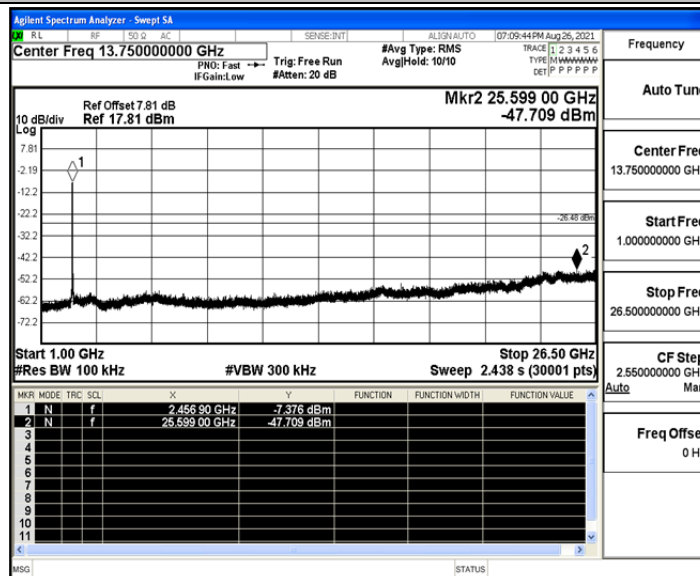




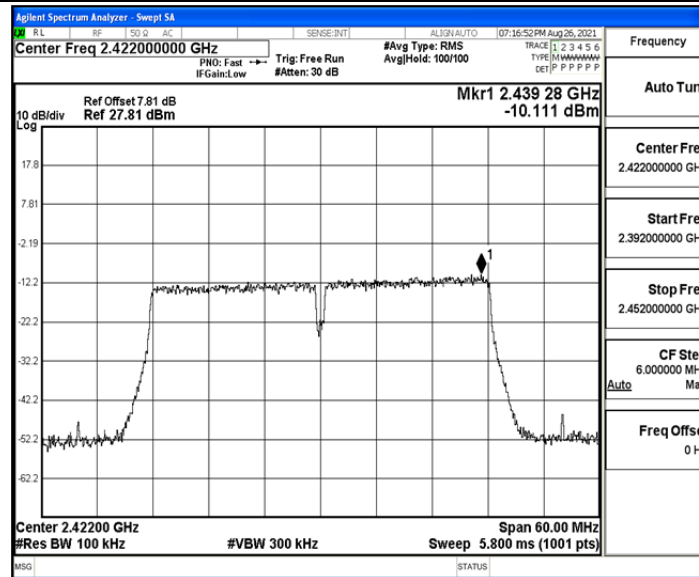
11N20SISO_Ant1_2462_30~1000



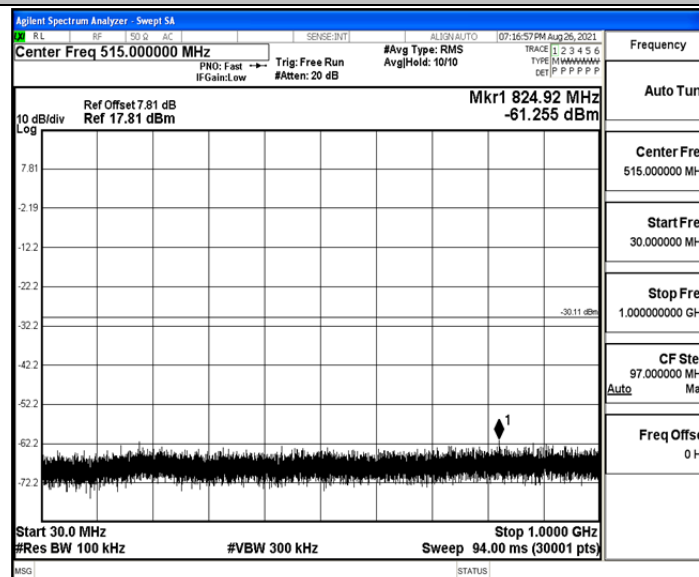
11N20SISO_Ant1_2462_1000~26500



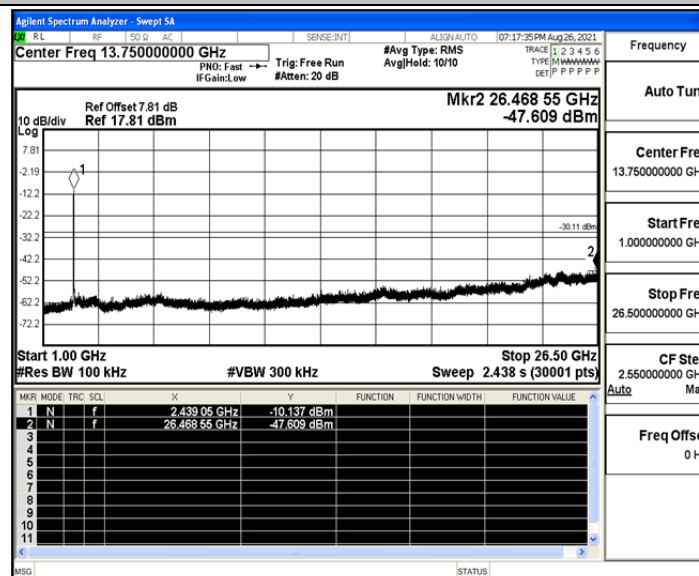
11N40SISO_Ant1_2422_0~Reference



11N40SISO_Ant1_2422_30~1000

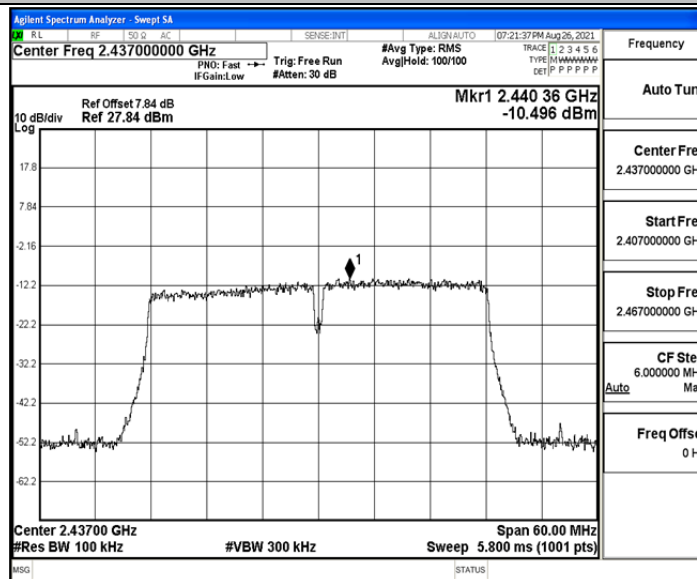


11N40SISO_Ant1_2422_1000~26500

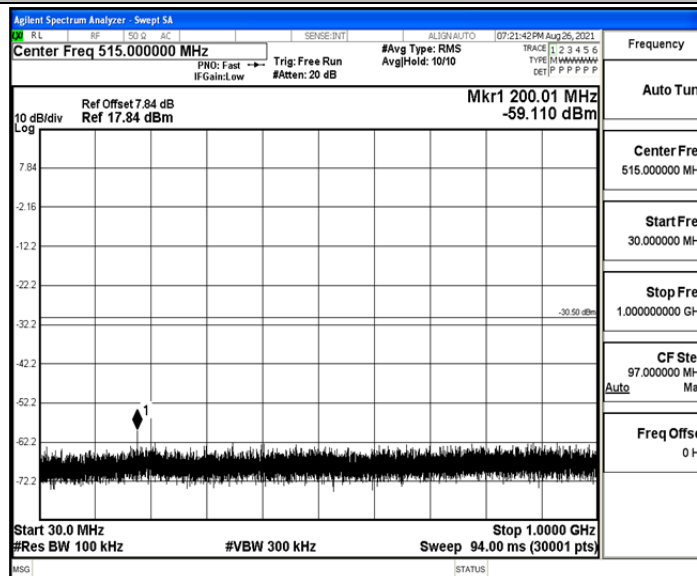




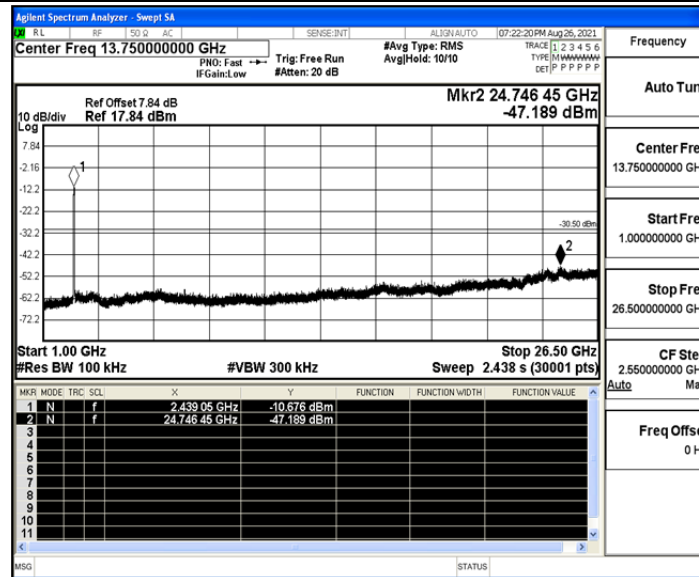
11N40SISO_Ant1_2437_0~Reference



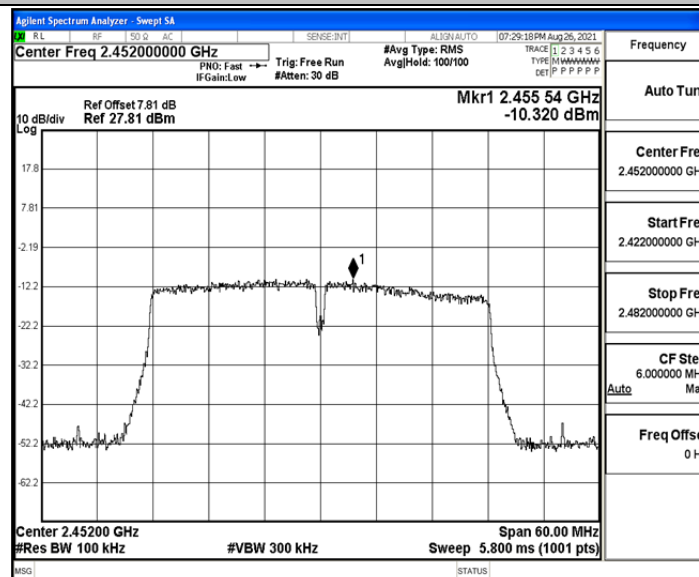
11N40SISO_Ant1_2437_30~1000



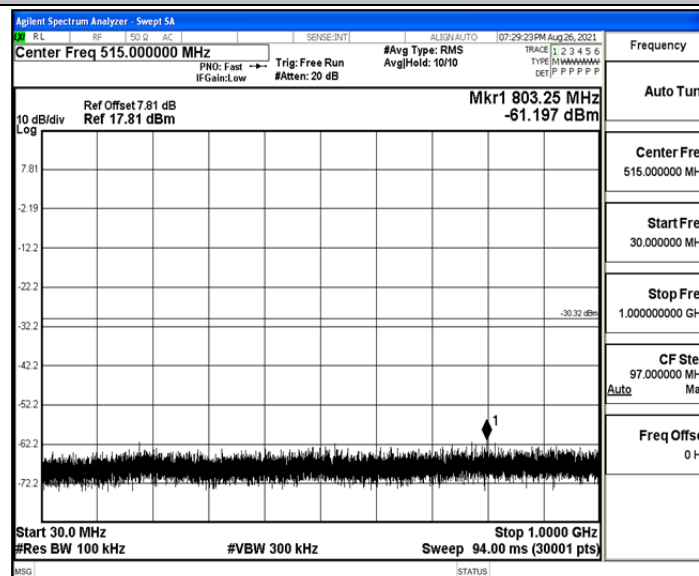
11N40SISO_Ant1_2437_1000~26500



11N40SISO_Ant1_2452_0~Reference

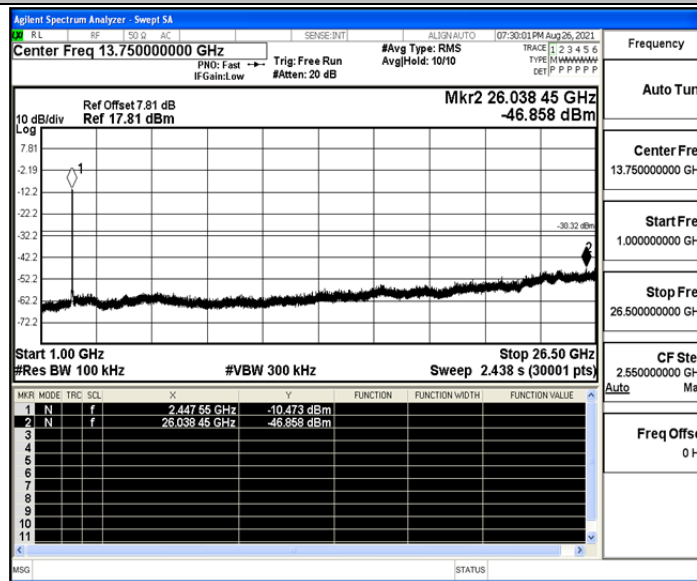


11N40SISO_Ant1_2452_30~1000





11N40SISO_Ant1_2452_1000~26500





A.7 Duty Cycle

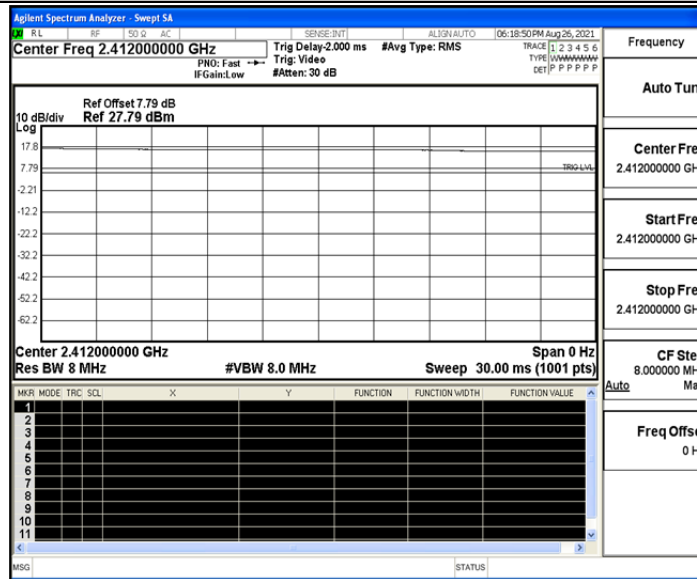
Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	30.00	30.00	100.00	---	PASS
		2437	30.00	30.00	100.00	---	PASS
		2462	30.00	30.00	100.00	---	PASS
11G	Ant1	2412	30.00	30.00	100.00	---	PASS
		2437	30.00	30.00	100.00	---	PASS
		2462	30.00	30.00	100.00	---	PASS
11N20SISO	Ant1	2412	30.00	30.00	100.00	---	PASS
		2437	30.00	30.00	100.00	---	PASS
		2462	30.00	30.00	100.00	---	PASS
11N40SISO	Ant1	2422	30.00	30.00	100.00	---	PASS
		2437	30.00	30.00	100.00	---	PASS
		2452	30.00	30.00	100.00	---	PASS

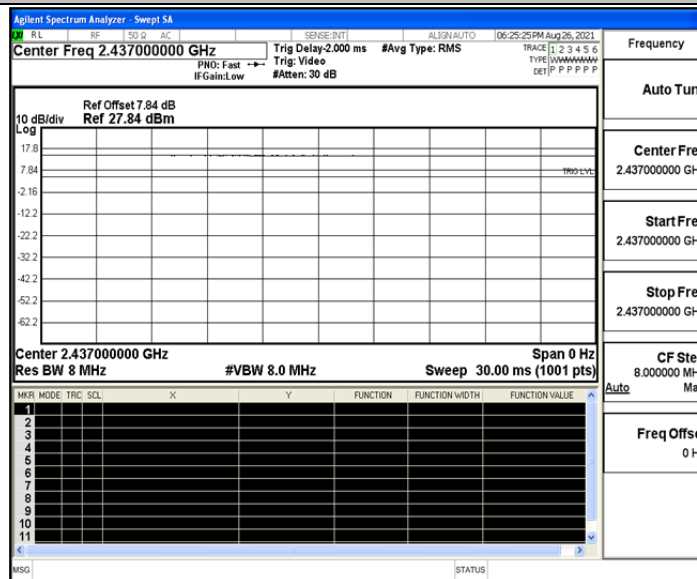


Test Graphs

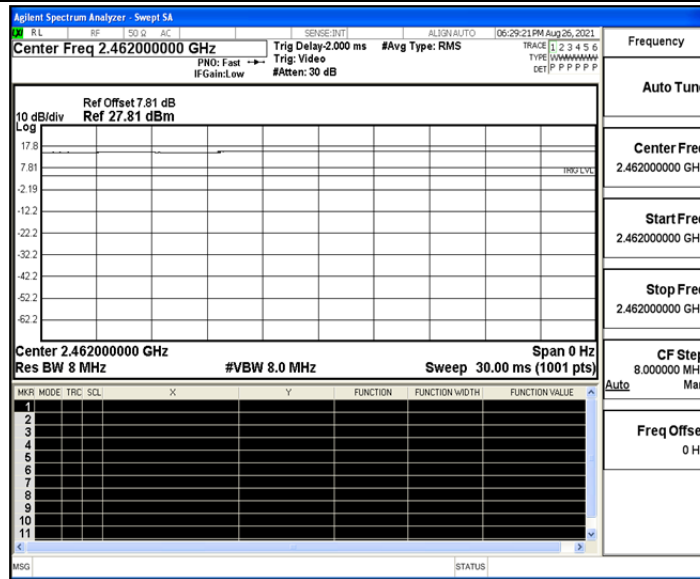
11B_Ant1_2412



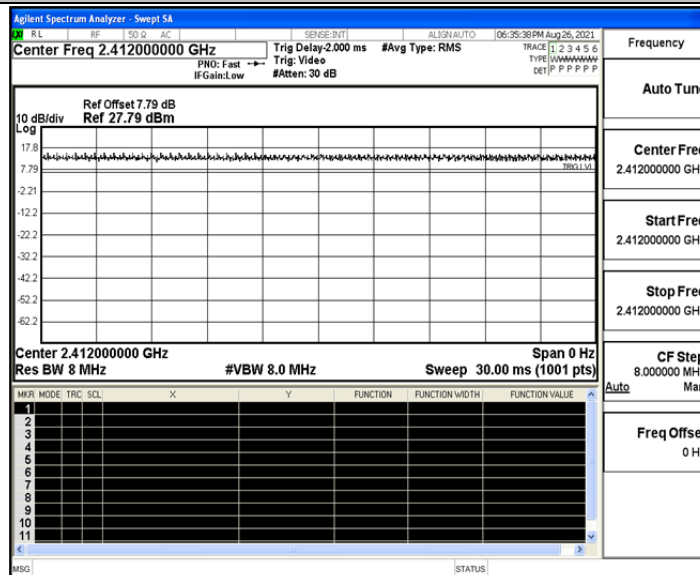
11B_Ant1_2437



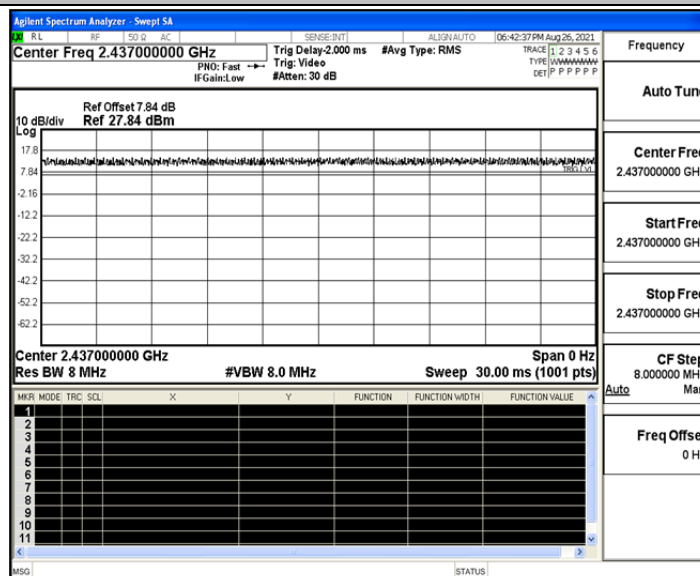
11B_Ant1_2462



11G_Ant1_2412

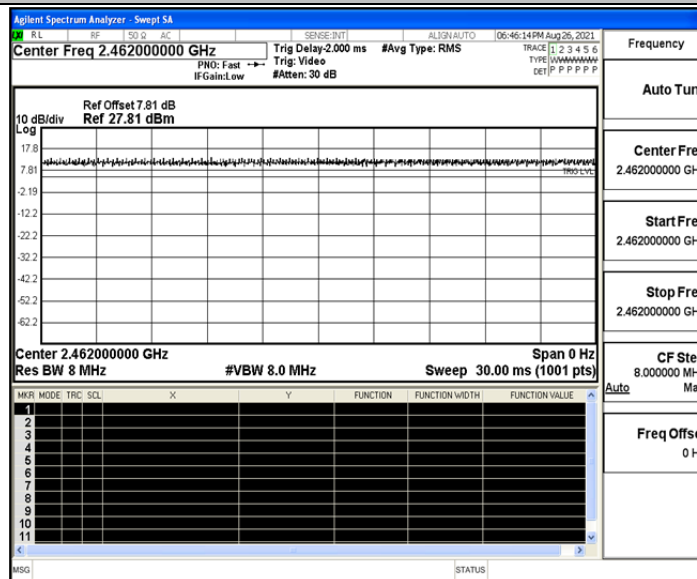


11G_Ant1_2437

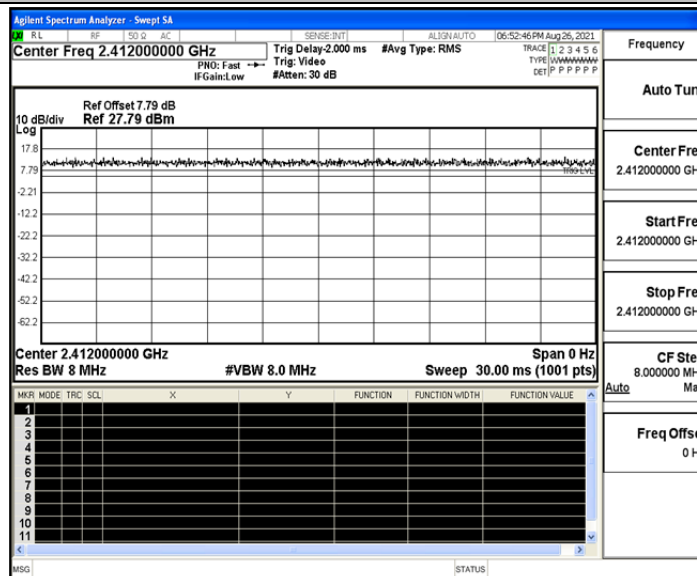




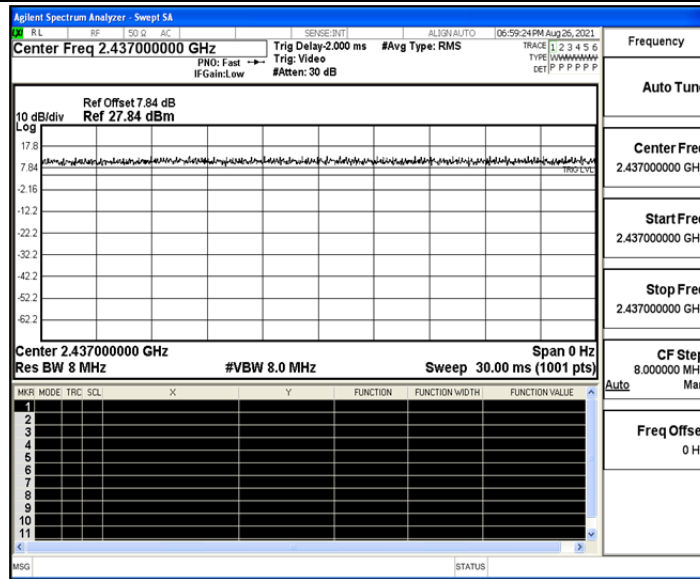
11G_Ant1_2462



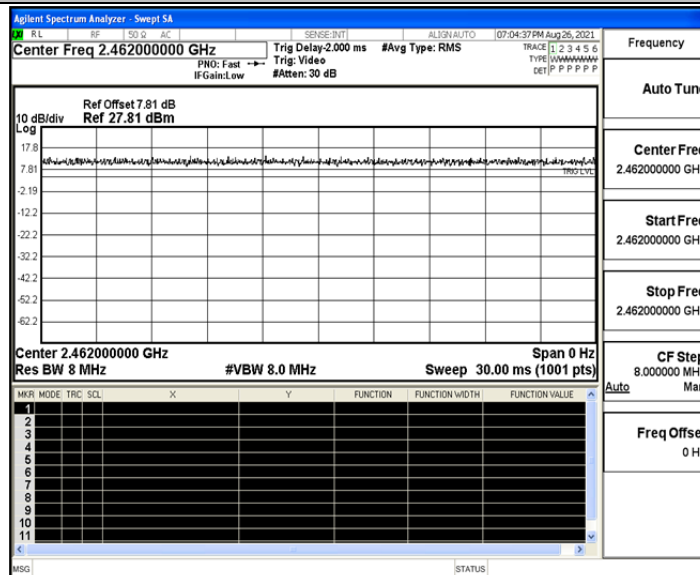
11N20SISO_Ant1_2412



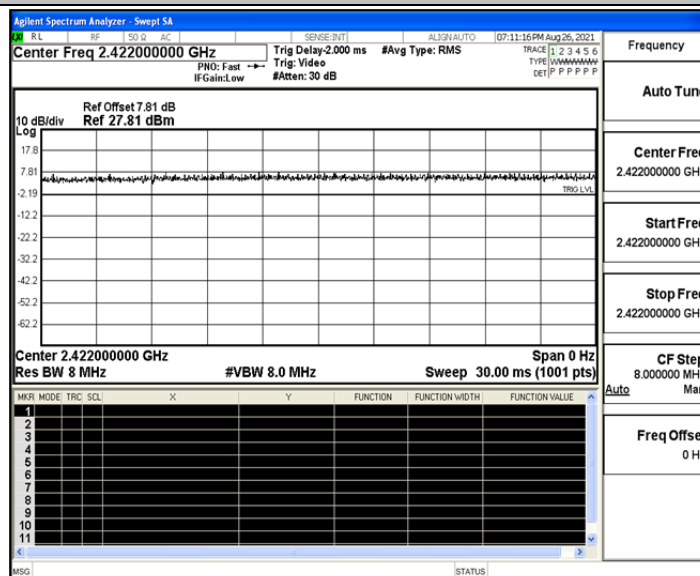
11N20SISO_Ant1_2437

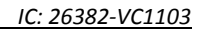


11N20SISO_Ant1_2462



11N40SISO_Ant1_2422





Agilent Spectrum Analyzer - Swept SA

RL T3 10.0 AC SERGE INT AL32N AUTO 07:19:15 PM Aug 26, 2021

Center Freq 2.437000000 GHz

Trig Delay: 2.000 ms #Avg Type: RMS

Trace 1 2 3 4 5 6

TYPE W W W W W W W W

DEL P P P P P P P P

Ref Offset 7.84 dB

Ref 27.84 dBm

10 dB/div

17.6

7.84

-2.16

-12.2

-22.2

-32.2

-42.2

-52.2

-62.2

TRO LVL

Center 2.437000000 GHz

Res BW 8 MHz

#VBW 8.0 MHz

Sweep 30.00 ms (1001 pts)

Span 0 Hz

CF Stop 8.000000 MHz

Auto

Freq Offset 0 Hz

MIR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE

1

2

3

4

5

6

7

8

9

10

11

Agilent Spectrum Analyzer Sweep SA

Center Freq 2.452000000 GHz

Ref Offset 7.81 dB
Ref 27.81 dBm

Trig Delay: 2.000 ms
Trig: Video
#Atten: 30 dB

Span 0 Hz
Res BW 8 MHz
#VBW 8.0 MHz
Sweep 30.00 ms (1001 pts)

10 dB/div
Log

17.8
7.81
-2.19
-12.2
-22.2
-32.2
-42.2
-52.2
-62.2

THRO LVL

MIR MODE: TRC: SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE

1
2
3
4
5
6
7
8
9
10
11



A.8 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	-49.48	≤-41.20	45.72	≤54	PASS
				AV	2389.960	-49.03	≤-41.20	46.17	≤54	PASS
				AV	2390.000	-49.03	≤-41.20	46.17	≤54	PASS
				Peak	2310.000	-43.35	≤-21.20	51.85	≤74	PASS
				Peak	2378.520	-39.63	≤-21.20	55.57	≤74	PASS
				Peak	2390.000	-43.05	≤-21.20	52.15	≤74	PASS
		High	2462	AV	2483.500	-48.33	≤-41.20	46.87	≤54	PASS
				AV	2487.960	-47.27	≤-41.20	47.93	≤54	PASS
				AV	2500.000	-48.4	≤-41.20	46.80	≤54	PASS
				Peak	2483.500	-42.57	≤-21.20	52.63	≤74	PASS
				Peak	2484.550	-39.38	≤-21.20	55.82	≤74	PASS
				Peak	2500.000	-44.62	≤-21.20	50.58	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-49.37	≤-41.20	45.83	≤54	PASS
				AV	2389.960	-48.77	≤-41.20	46.43	≤54	PASS
				AV	2390.000	-48.77	≤-41.20	46.43	≤54	PASS
				Peak	2310.000	-43.33	≤-21.20	51.87	≤74	PASS
				Peak	2328.210	-38.9	≤-21.20	56.30	≤74	PASS
				Peak	2390.000	-44.03	≤-21.20	51.17	≤74	PASS
		High	2462	AV	2483.500	-47.56	≤-41.20	47.64	≤54	PASS
				AV	2487.960	-45.29	≤-41.20	49.91	≤54	PASS
				AV	2500.000	-48.35	≤-41.20	46.85	≤54	PASS
				Peak	2483.500	-44.63	≤-21.20	50.57	≤74	PASS
				Peak	2488.400	-38.79	≤-21.20	56.41	≤74	PASS
				Peak	2500.000	-42.67	≤-21.20	52.53	≤74	PASS
11N20SIS O	Ant1	Low	2412	AV	2310.000	-49.36	≤-41.20	45.84	≤54	PASS
				AV	2389.960	-48.89	≤-41.20	46.31	≤54	PASS
				AV	2390.000	-48.89	≤-41.20	46.31	≤54	PASS
				Peak	2310.000	-44.22	≤-21.20	50.98	≤74	PASS
				Peak	2315.730	-39.6	≤-21.20	55.60	≤74	PASS
				Peak	2390.000	-42	≤-21.20	53.20	≤74	PASS
		High	2462	AV	2483.500	-47.5	≤-41.20	47.70	≤54	PASS
				AV	2487.960	-45.39	≤-41.20	49.81	≤54	PASS
				AV	2500.000	-48.37	≤-41.20	46.83	≤54	PASS
				Peak	2483.500	-43.44	≤-21.20	51.76	≤74	PASS
				Peak	2488.290	-38.33	≤-21.20	56.87	≤74	PASS
				Peak	2500.000	-42.74	≤-21.20	52.46	≤74	PASS
11N40SIS	Ant1	Low	2422	AV	2310.000	-49.35	≤-41.20	45.85	≤54	PASS



O				AV	2389.830	-48.89	≤-41.20	46.31	≤54	PASS
				AV	2390.000	-48.9	≤-41.20	46.30	≤54	PASS
				Peak	2310.000	-41.58	≤-21.20	53.62	≤74	PASS
				Peak	2341.860	-39.64	≤-21.20	55.56	≤74	PASS
				Peak	2390.000	-42.9	≤-21.20	52.30	≤74	PASS
		High	2452	AV	2483.500	-48	≤-41.20	47.20	≤54	PASS
				AV	2487.300	-47.95	≤-41.20	47.25	≤54	PASS
				AV	2500.000	-48.45	≤-41.20	46.75	≤54	PASS
				Peak	2483.500	-44.65	≤-21.20	50.55	≤74	PASS
				Peak	2491.260	-39.25	≤-21.20	55.95	≤74	PASS
				Peak	2500.000	-44.41	≤-21.20	50.79	≤74	PASS

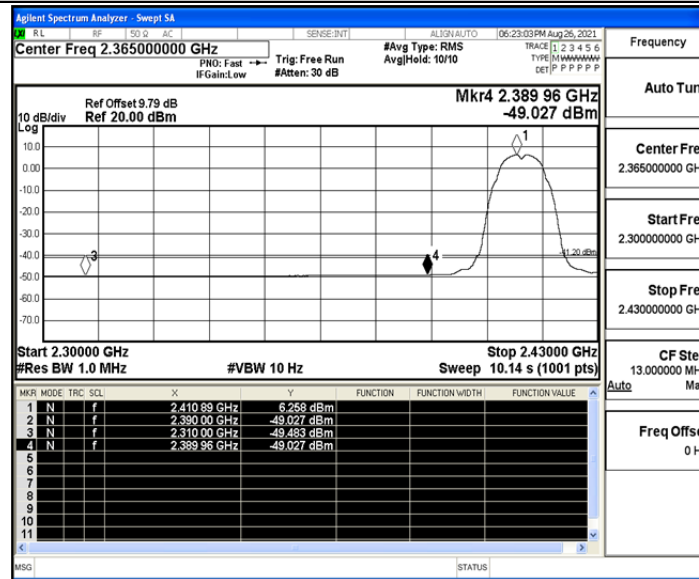
Note:

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.

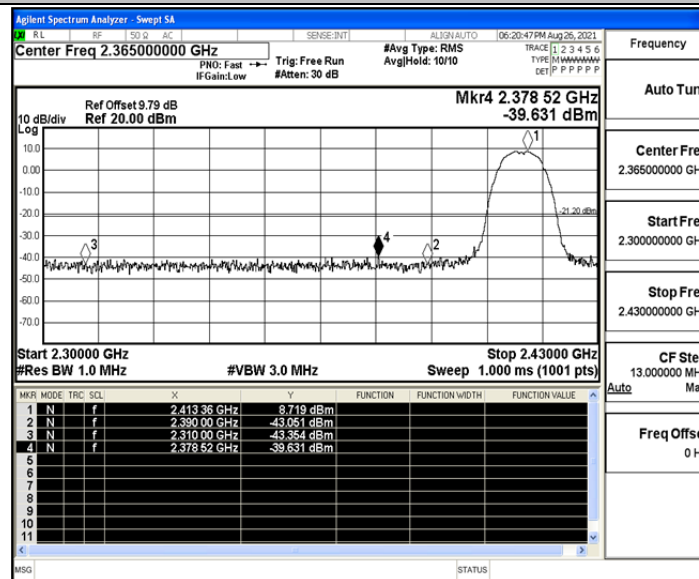


Test Graphs

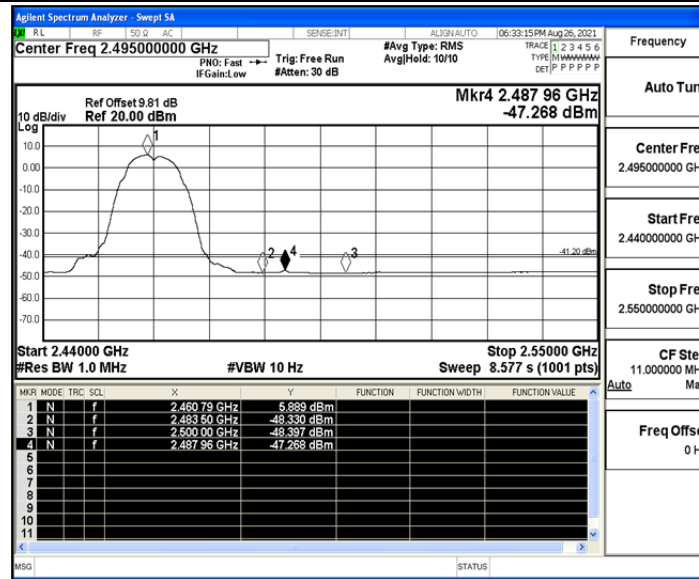
11B_Ant1_Low_2412_AV



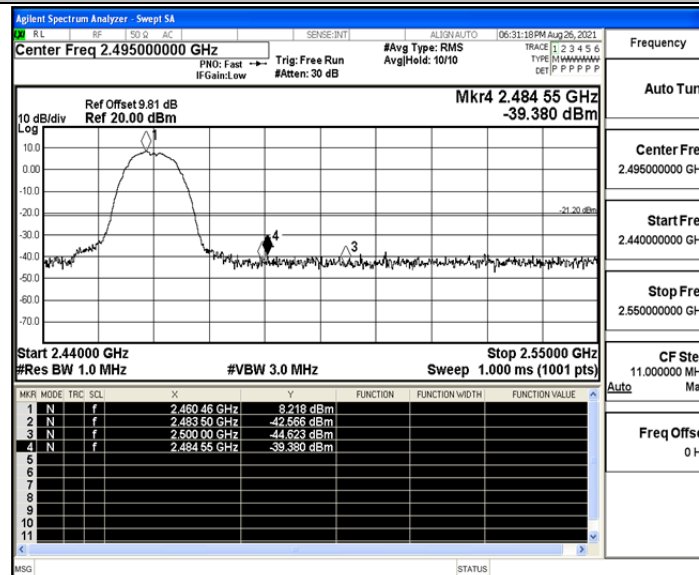
11B_Ant1_Low_2412_Peak



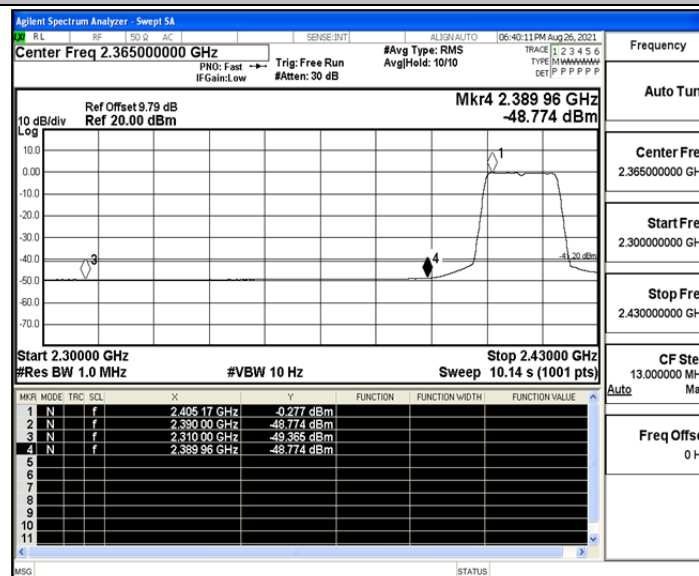
11B_Ant1_High_2462_AV



11B_Ant1_High_2462_Peak

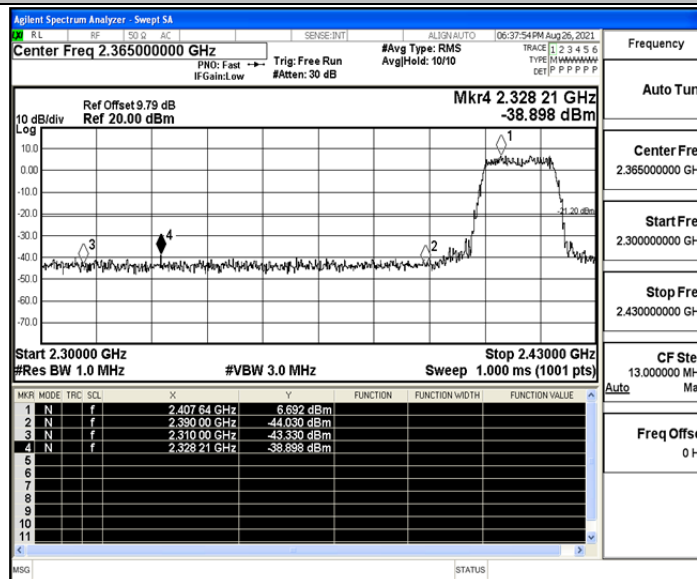


11G_Ant1_Low_2412_AV

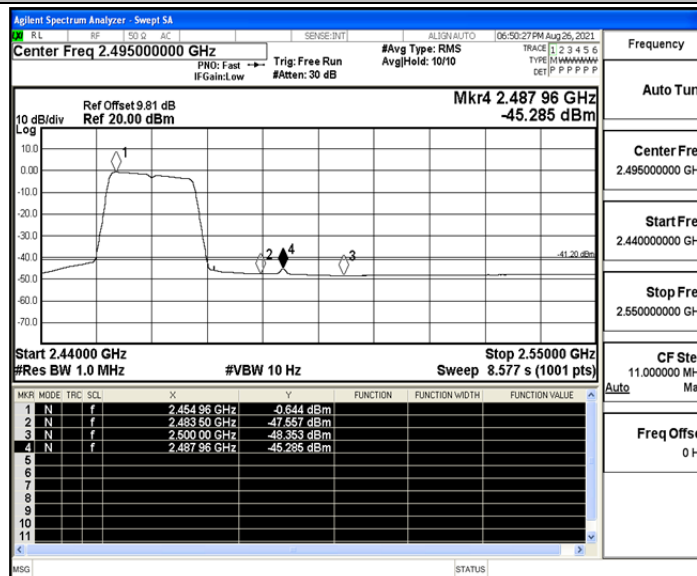




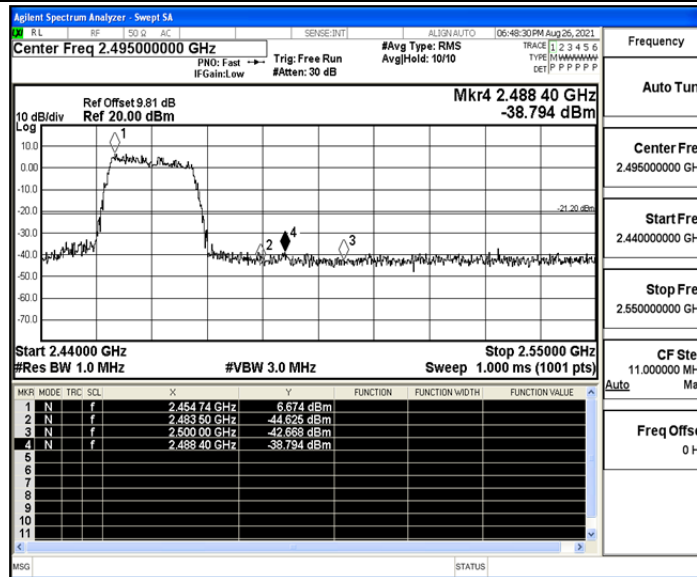
11G_Ant1_Low_2412_Peak



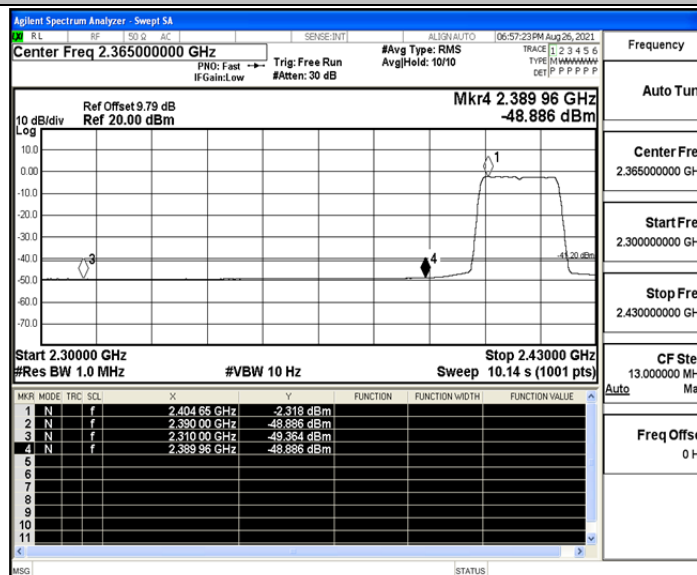
11G_Ant1_High_2462_AV



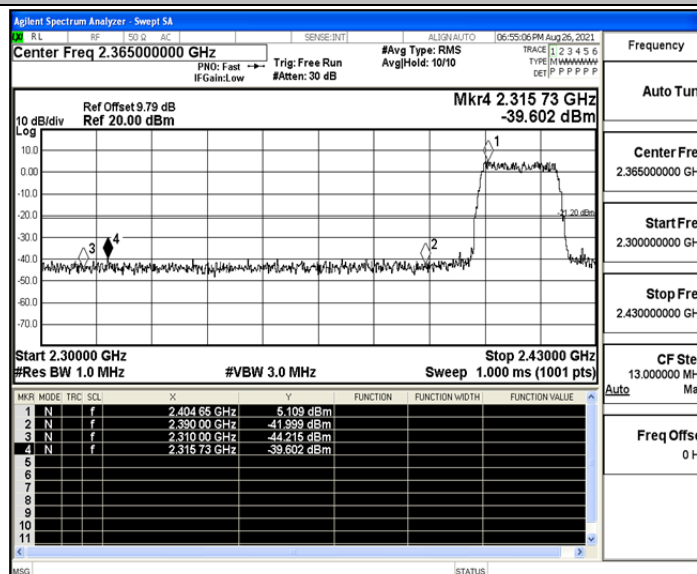
11G_Ant1_High_2462_Peak



11N20SISO_Ant1_Low_2412_AV

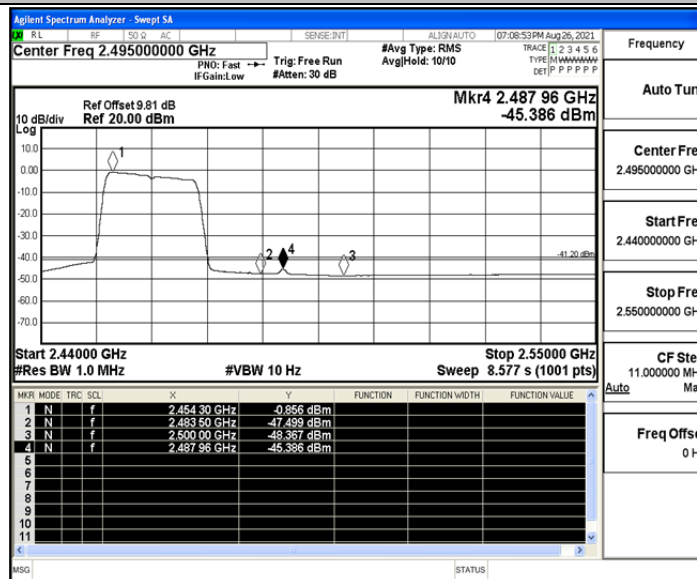


11N20SISO_Ant1_Low_2412_Peak

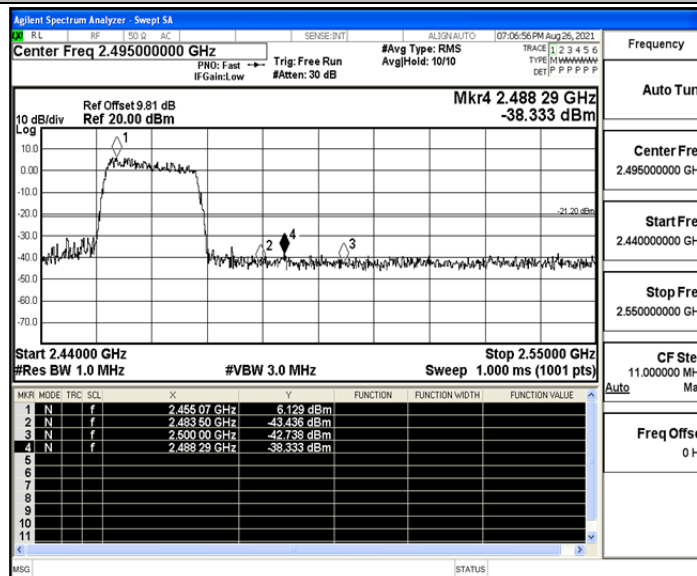




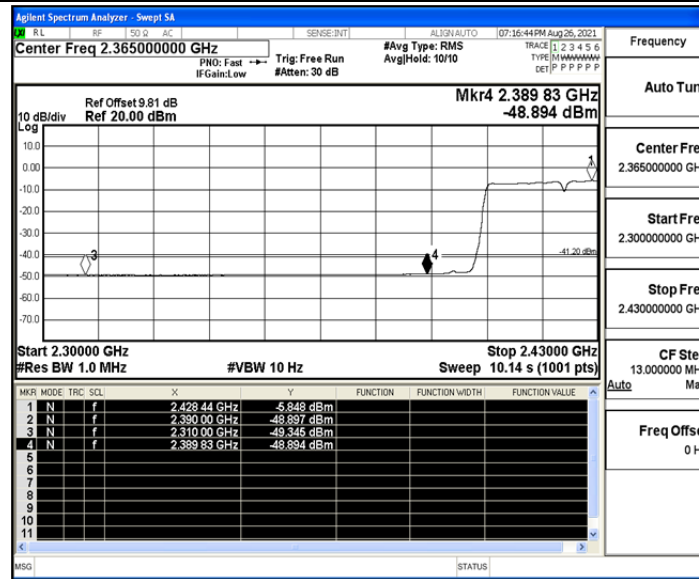
11N20SISO_Ant1_High_2462_AV



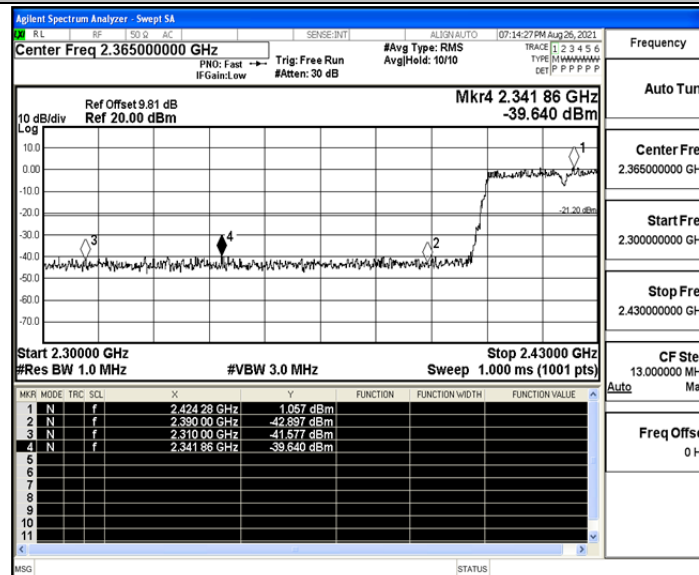
11N20SISO_Ant1_High_2462_Peak



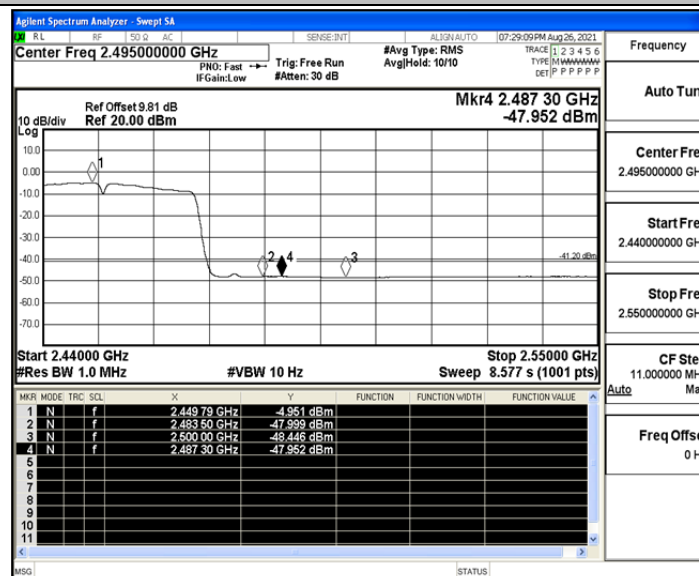
11N40SISO_Ant1_Low_2422_AV



11N40SISO_Ant1_Low_2422_Peak



11N40SISO_Ant1_High_2452_AV





11N40SISO_Ant1_High_2452_Peak

