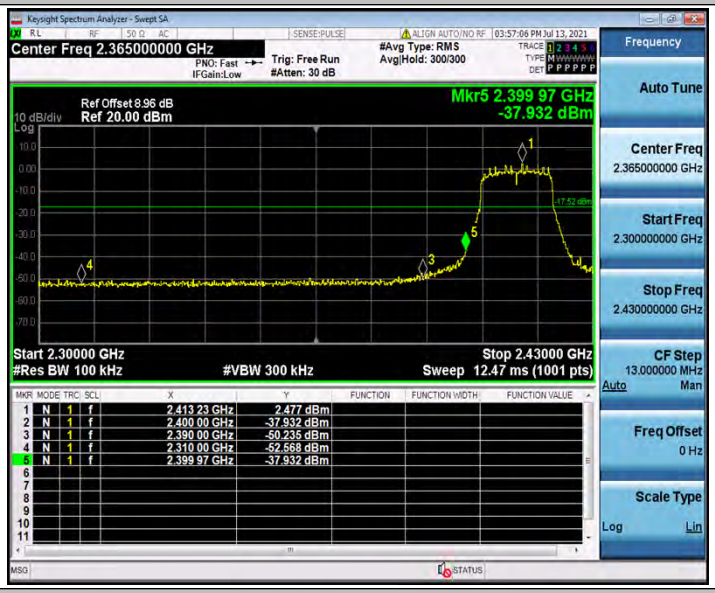
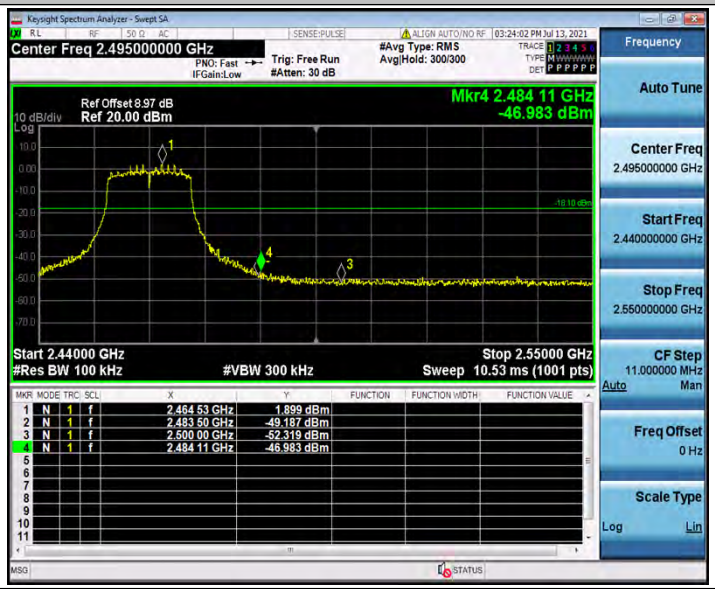
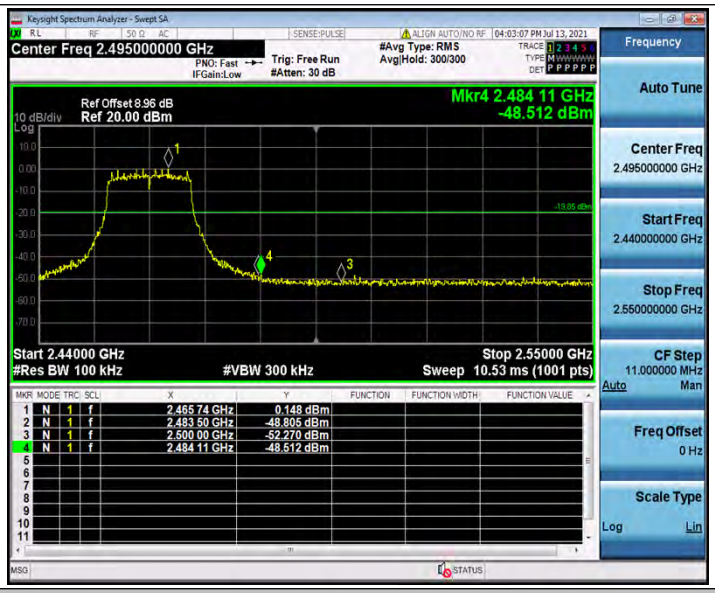
11G_Ant2_Low_2412



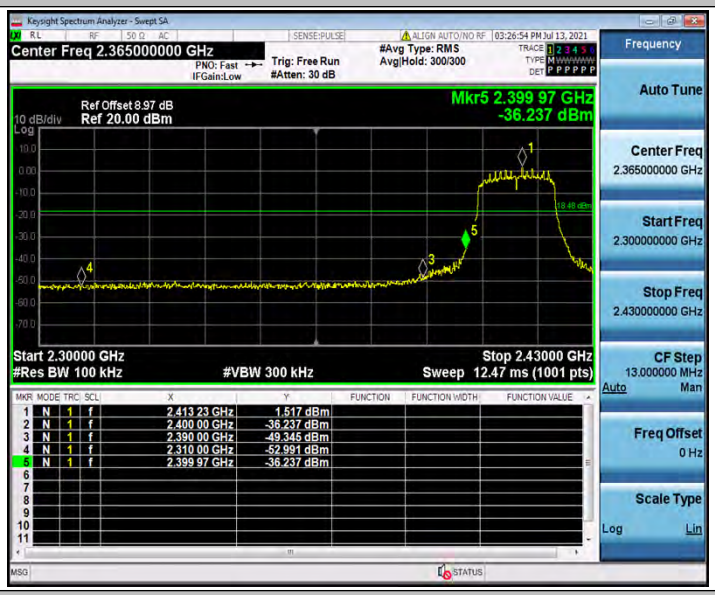
11G_Ant1_High_2462



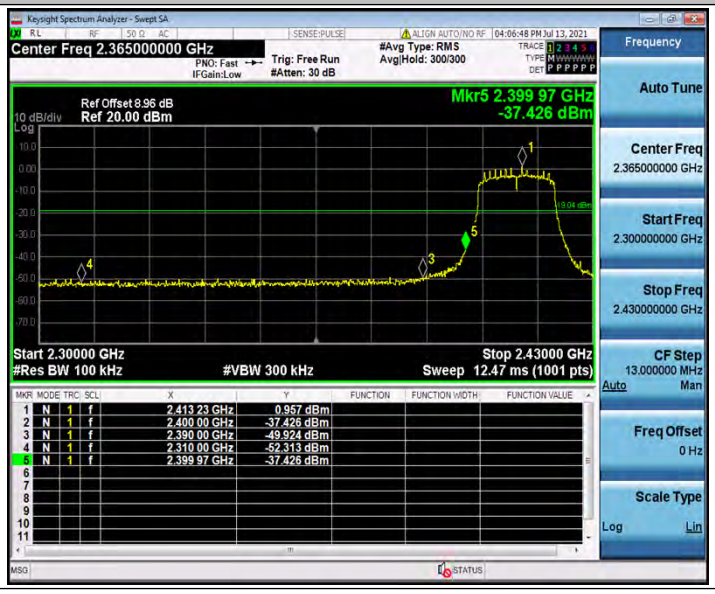
11G_Ant2_High_2462



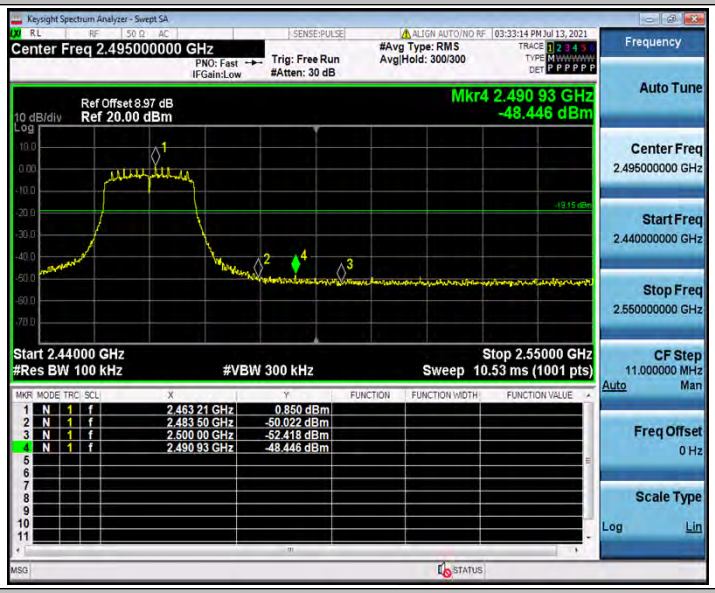
11N20SISO_Ant1_Low_2412



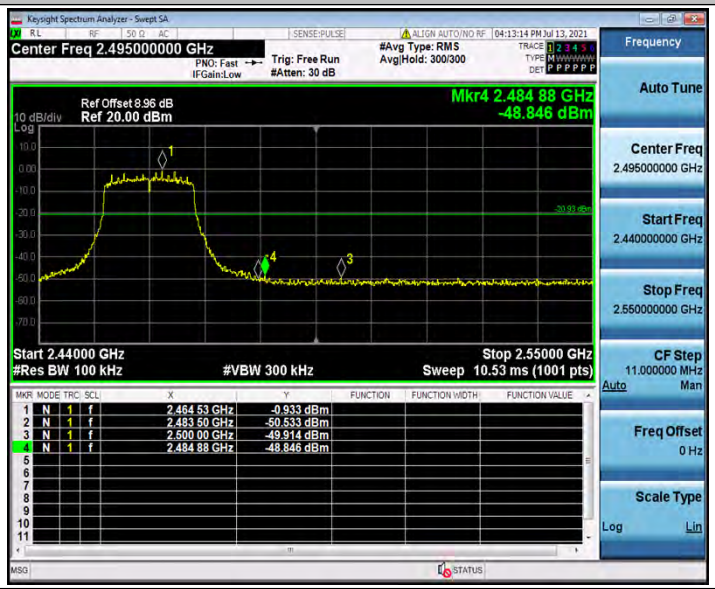
11N20SISO_Ant2_Low_2412



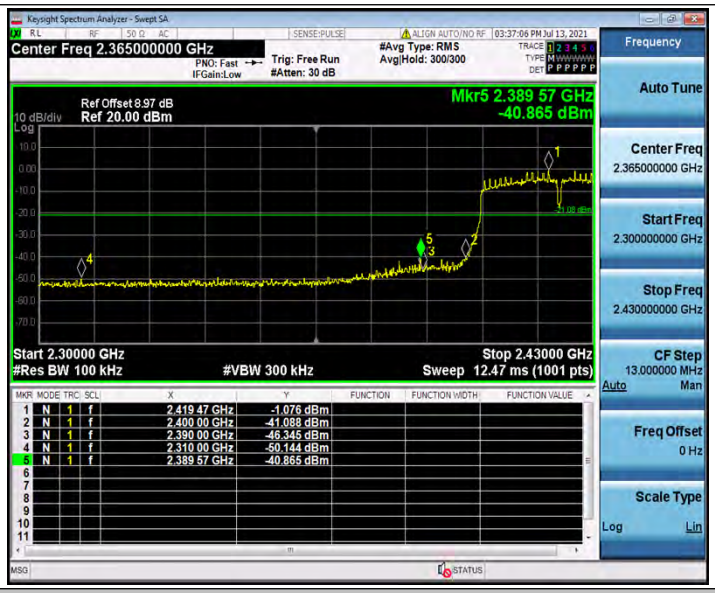
11N20SISO_Ant1_High_2462



11N20SISO_Ant2_High_2462

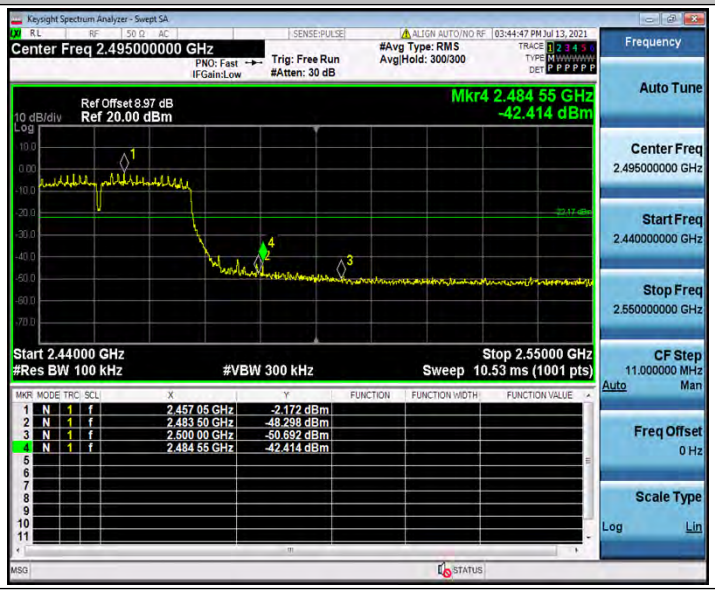


11N40SISO_Ant1_Low_2422

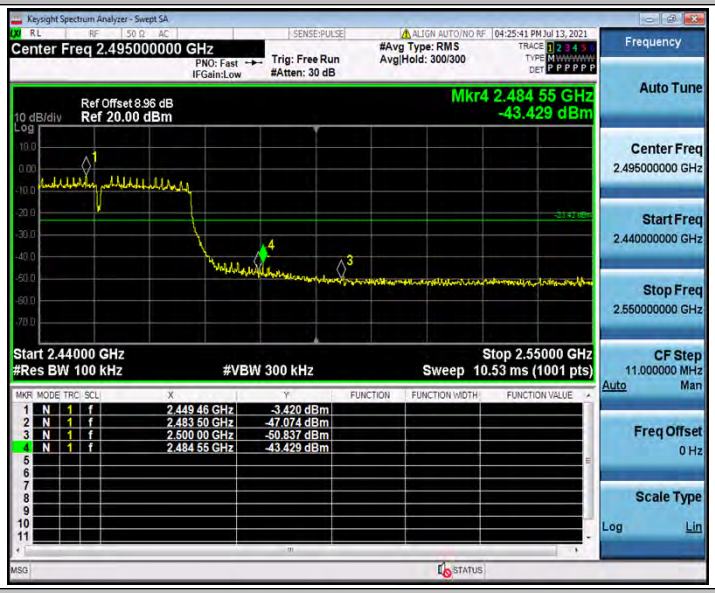


11N40SISO_Ant2_Low_2422

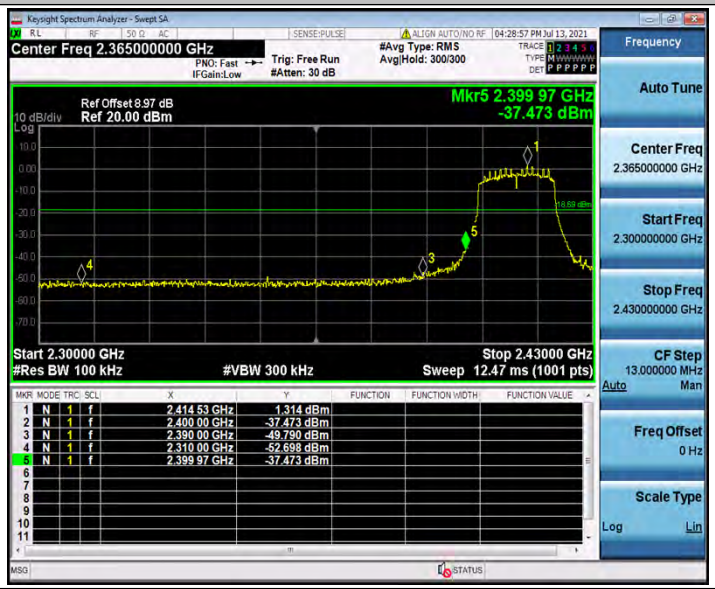
11N40SISO_Ant1_High_2452



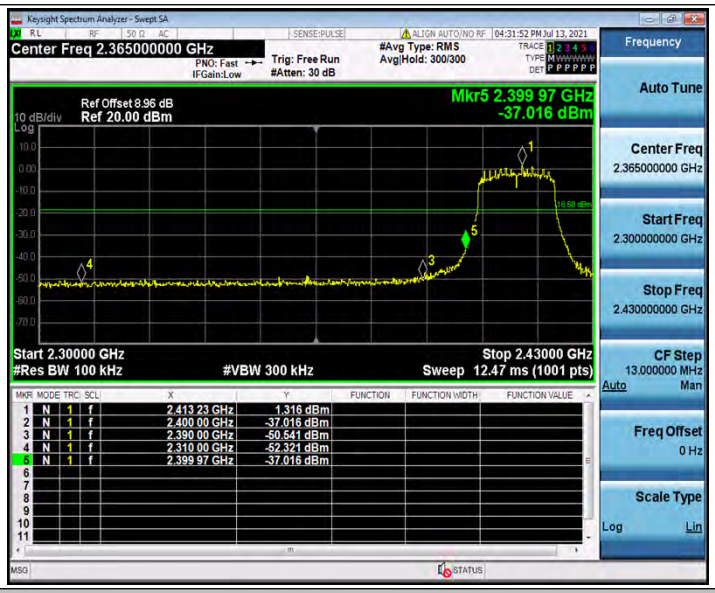
11N40SISO_Ant2_High_2452



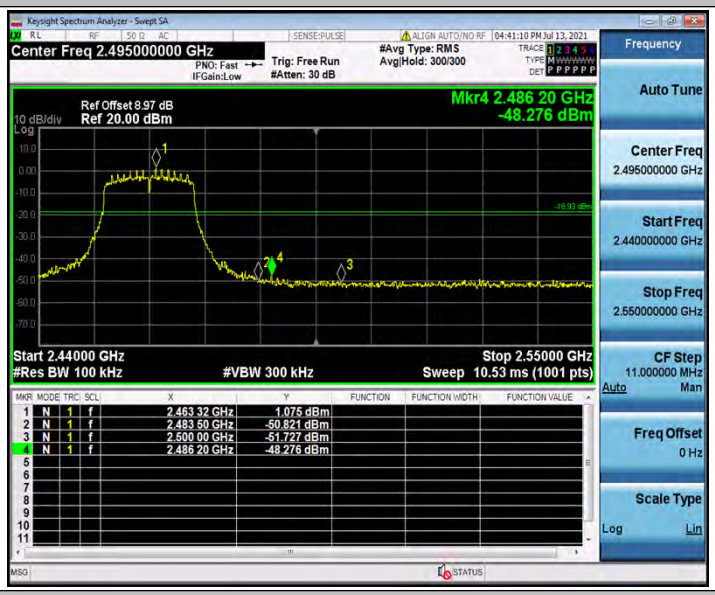
11N20MIMO_Ant1_Low_2412



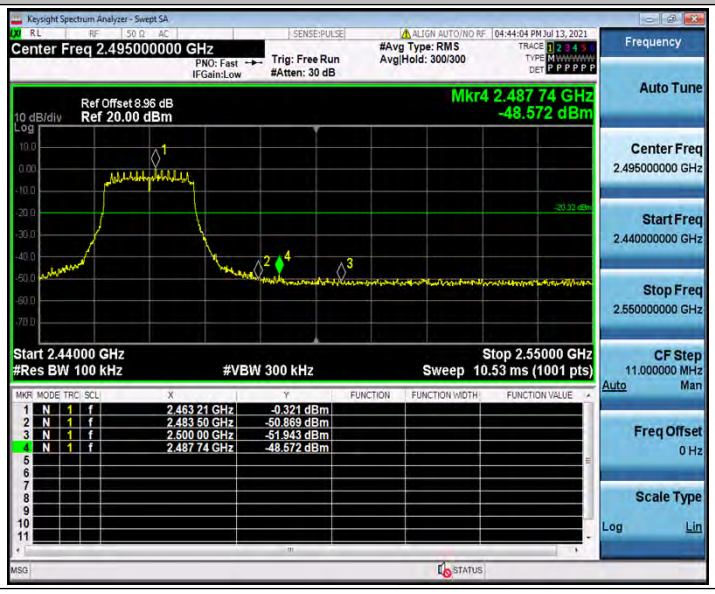
11N20MIMO_Ant2_Low_2412



11N20MIMO_Ant1_High_2462



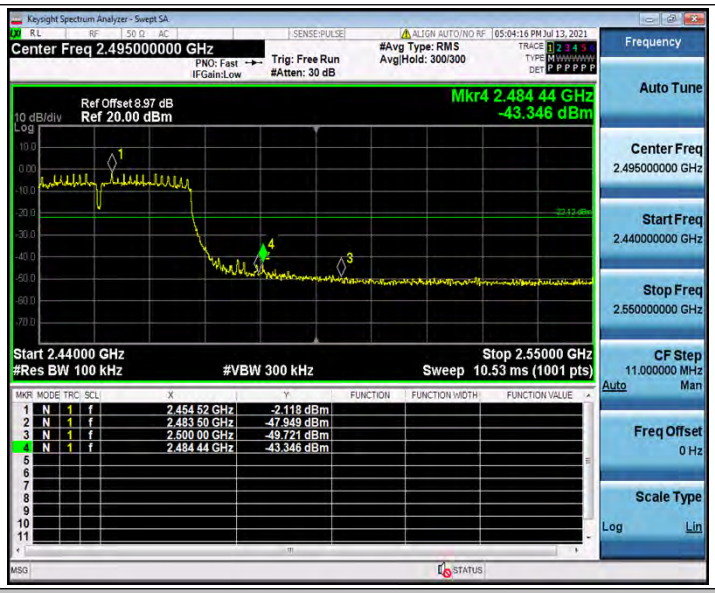
11N20MIMO_Ant2_High_2462



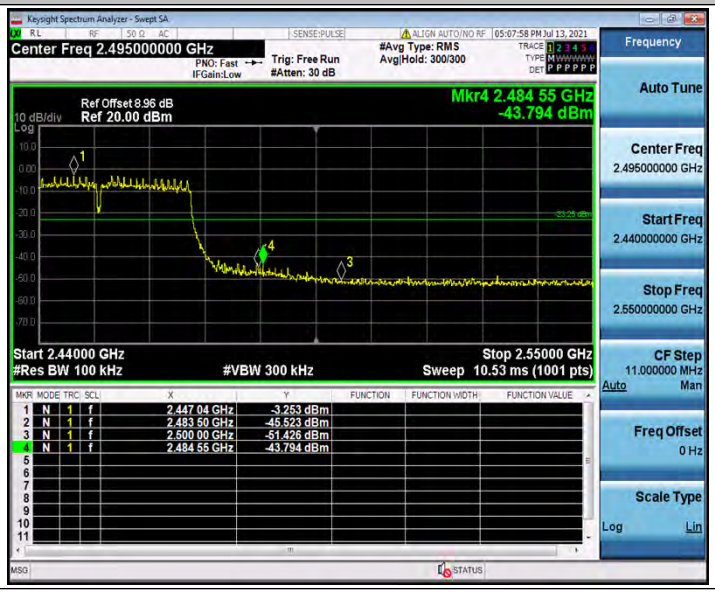
11N40MIMO_Ant1_Low_2422

11N40MIMO_Ant2_Low_2422

11N40MIMO_Ant1_High_2452



11N40MIMO_Ant2_High_2452



Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	3.19	3.19	---	PASS
			30~3000	3.19	-47.12	<=-26.81	PASS
			3000~26500	3.19	-37.29	<=-26.81	PASS
	Ant2	2412	Reference	2.78	2.78	---	PASS
			30~3000	2.78	-46.79	<=-27.22	PASS
			3000~26500	2.78	-36.76	<=-27.22	PASS
	Ant1	2437	Reference	3.36	3.36	---	PASS
			30~3000	3.36	-47.5	<=-26.64	PASS
			3000~26500	3.36	-36.9	<=-26.64	PASS
	Ant2	2437	Reference	1.93	1.93	---	PASS
			30~3000	1.93	-47.2	<=-28.07	PASS
			3000~26500	1.93	-36.97	<=-28.07	PASS
	Ant1	2462	Reference	3.55	3.55	---	PASS
			30~3000	3.55	-47.47	<=-26.46	PASS
			3000~26500	3.55	-36.64	<=-26.46	PASS
	Ant2	2462	Reference	1.58	1.58	---	PASS
			30~3000	1.58	-47.4	<=-28.42	PASS
			3000~26500	1.58	-37.31	<=-28.42	PASS
11G	Ant1	2412	Reference	1.87	1.87	---	PASS
			30~3000	1.87	-47.86	<=-28.14	PASS
			3000~26500	1.87	-36.85	<=-28.14	PASS
	Ant2	2412	Reference	2.57	2.57	---	PASS
			30~3000	2.57	-47.57	<=-27.43	PASS
			3000~26500	2.57	-37.39	<=-27.43	PASS
	Ant1	2437	Reference	1.87	1.87	---	PASS
			30~3000	1.87	-47.14	<=-28.13	PASS
			3000~26500	1.87	-37.24	<=-28.13	PASS
	Ant2	2437	Reference	1.29	1.29	---	PASS
			30~3000	1.29	-47.8	<=-28.71	PASS
			3000~26500	1.29	-36.99	<=-28.71	PASS
	Ant1	2462	Reference	1.71	1.71	---	PASS
			30~3000	1.71	-47.99	<=-28.29	PASS
			3000~26500	1.71	-36.57	<=-28.29	PASS
	Ant2	2462	Reference	0.03	0.03	---	PASS
			30~3000	0.03	-47.76	<=-29.98	PASS
			3000~26500	0.03	-36.75	<=-29.98	PASS
11N20SISO	Ant1	2412	Reference	1.31	1.31	---	PASS

			30~3000	1.31	-47.21	<=-28.69	PASS
			3000~26500	1.31	-36.31	<=-28.69	PASS
	Ant2	2412	Reference	0.33	0.33	---	PASS
			30~3000	0.33	-47.83	<=-29.67	PASS
			3000~26500	0.33	-37.49	<=-29.67	PASS
	Ant1	2437	Reference	-0.34	-0.34	---	PASS
			30~3000	-0.34	-46.84	<=-30.34	PASS
			3000~26500	-0.34	-36.84	<=-30.34	PASS
	Ant2	2437	Reference	-0.49	-0.49	---	PASS
			30~3000	-0.49	-47.33	<=-30.49	PASS
			3000~26500	-0.49	-37.28	<=-30.49	PASS
	Ant1	2462	Reference	0.02	0.02	---	PASS
			30~3000	0.02	-47.55	<=-29.98	PASS
			3000~26500	0.02	-36.6	<=-29.98	PASS
	Ant2	2462	Reference	-0.87	-0.87	---	PASS
			30~3000	-0.87	-47.22	<=-30.87	PASS
			3000~26500	-0.87	-35.4	<=-30.87	PASS
11N40SISO	Ant1	2422	Reference	-1.13	-1.13	---	PASS
			30~3000	-1.13	-46.94	<=-31.13	PASS
			3000~26500	-1.13	-37.32	<=-31.13	PASS
	Ant2	2422	Reference	-2.03	-2.03	---	PASS
			30~3000	-2.03	-46.89	<=-32.03	PASS
			3000~26500	-2.03	-37.27	<=-32.03	PASS
	Ant1	2437	Reference	-2.53	-2.53	---	PASS
			30~3000	-2.53	-47.15	<=-32.53	PASS
			3000~26500	-2.53	-37	<=-32.53	PASS
	Ant2	2437	Reference	-2.95	-2.95	---	PASS
			30~3000	-2.95	-47.72	<=-32.95	PASS
			3000~26500	-2.95	-36.63	<=-32.95	PASS
	Ant1	2452	Reference	-2.17	-2.17	---	PASS
			30~3000	-2.17	-47.8	<=-32.17	PASS
			3000~26500	-2.17	-36.62	<=-32.17	PASS
	Ant2	2452	Reference	-3.61	-3.61	---	PASS
			30~3000	-3.61	-47.2	<=-33.61	PASS
			3000~26500	-3.61	-37.31	<=-33.61	PASS
11N20MIMO	Ant1	2412	Reference	0.97	0.97	---	PASS
			30~3000	0.97	-47.66	<=-29.03	PASS
			3000~26500	0.97	-37.33	<=-29.03	PASS
	Ant2	2412	Reference	0.85	0.85	---	PASS
			30~3000	0.85	-40.95	<=-29.15	PASS
			3000~26500	0.85	-37.01	<=-29.15	PASS
	Ant1	2437	Reference	0.76	0.76	---	PASS
			30~3000	0.76	-44.14	<=-29.24	PASS

			3000~26500	0.76	-37.27	<=-29.24	PASS
	Ant2	2437	Reference	-0.36	-0.36	---	PASS
			30~3000	-0.36	-46.88	<=-30.36	PASS
			3000~26500	-0.36	-37.17	<=-30.36	PASS
	Ant1	2462	Reference	1.26	1.26	---	PASS
			30~3000	1.26	-46.74	<=-28.74	PASS
			3000~26500	1.26	-36.99	<=-28.74	PASS
	Ant2	2462	Reference	-0.62	-0.62	---	PASS
			30~3000	-0.62	-47.42	<=-30.62	PASS
			3000~26500	-0.62	-37.32	<=-30.62	PASS
11N40MIMO	Ant1	2422	Reference	-1.20	-1.20	---	PASS
			30~3000	-1.20	-47.28	<=-31.2	PASS
			3000~26500	-1.20	-37.28	<=-31.2	PASS
	Ant2	2422	Reference	-1.71	-1.71	---	PASS
			30~3000	-1.71	-47.21	<=-31.71	PASS
			3000~26500	-1.71	-37.23	<=-31.71	PASS
	Ant1	2437	Reference	-2.23	-2.23	---	PASS
			30~3000	-2.23	-47.91	<=-32.23	PASS
			3000~26500	-2.23	-37	<=-32.23	PASS
	Ant2	2437	Reference	-2.69	-2.69	---	PASS
			30~3000	-2.69	-47.07	<=-32.69	PASS
			3000~26500	-2.69	-36.81	<=-32.69	PASS
	Ant1	2452	Reference	-2.49	-2.49	---	PASS
			30~3000	-2.49	-48.01	<=-32.49	PASS
			3000~26500	-2.49	-36.79	<=-32.49	PASS
	Ant2	2452	Reference	-3.42	-3.42	---	PASS
			30~3000	-3.42	-47.46	<=-33.42	PASS
			3000~26500	-3.42	-37.33	<=-33.42	PASS

Test Graphs

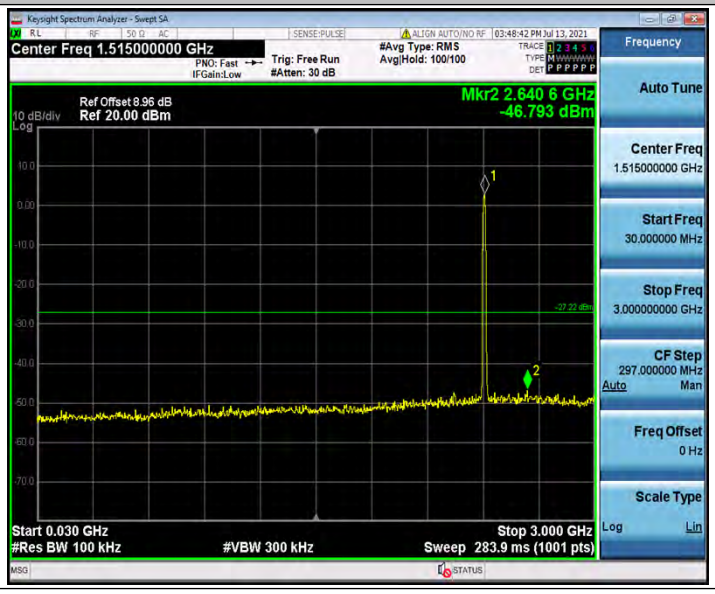
11B_Ant1_2412_0~Reference

11B_Ant1_2412_30~3000

11B_Ant1_2412_3000~26500

11B_Ant2_2412_0~Reference

11B_Ant2_2412_30~3000



11B_Ant2_2412_3000~26500

11B_Ant1_2437_0~Reference

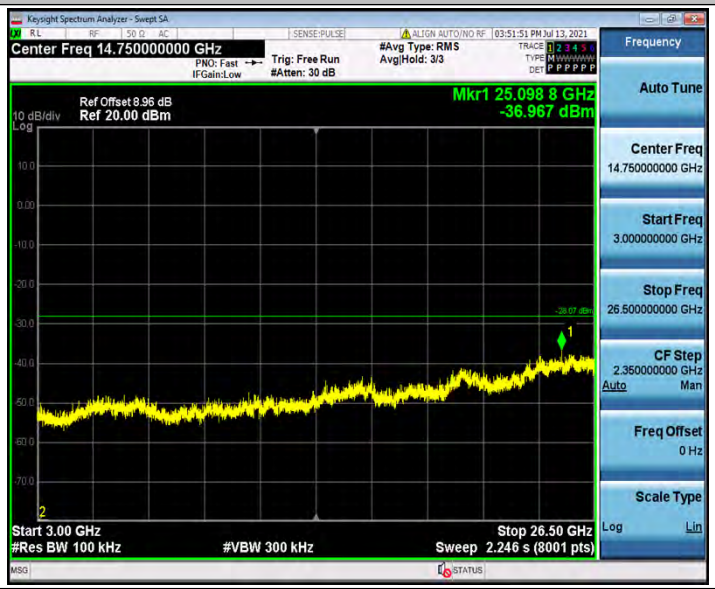
11B_Ant1_2437_30~3000

11B_Ant1_2437_3000~26500

11B_Ant2_2437_0~Reference

11B_Ant2_2437_30~3000

11B_Ant2_2437_3000~26500



11B_Ant1_2462_0~Reference

11B_Ant1_2462_30~3000

11B_Ant1_2462_3000~26500

11B_Ant2_2462_0~Reference

11B_Ant2_2462_30~3000

11B_Ant2_2462_3000~26500

11G_Ant1_2412_0~Reference

11G_Ant1_2412_30~3000

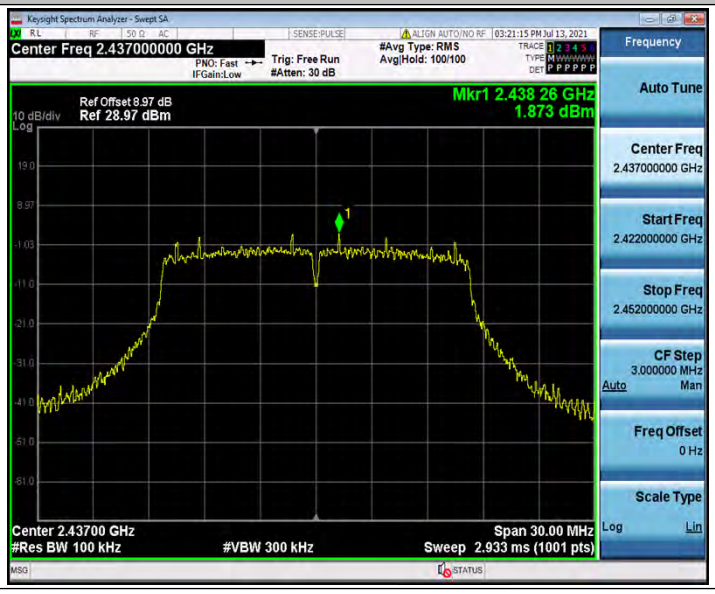
11G_Ant1_2412_3000~26500

11G_Ant2_2412_0~Reference

11G_Ant2_2412_30~3000

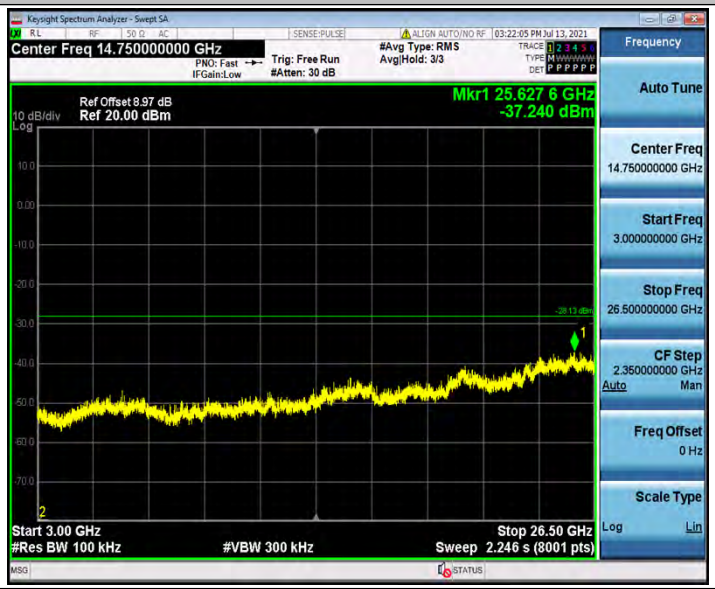
11G_Ant2_2412_3000~26500

11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~3000

11G_Ant1_2437_3000~26500



11G_Ant2_2437_0~Reference

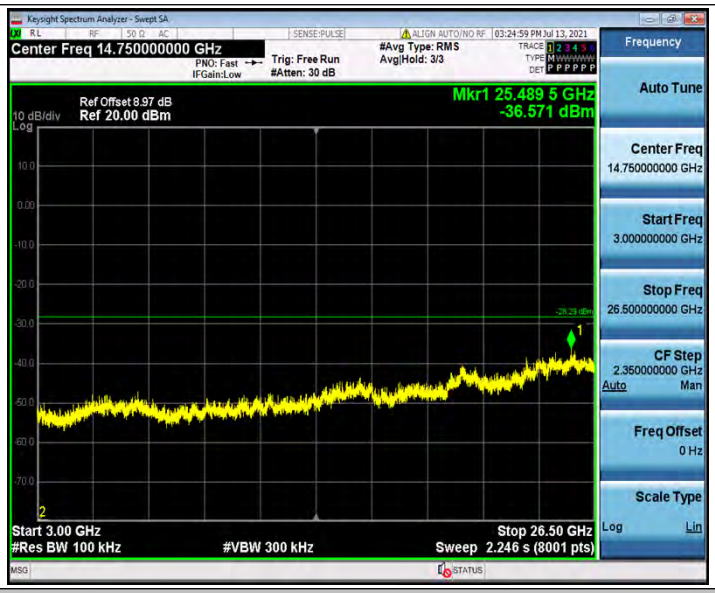
11G_Ant2_2437_30~3000

11G_Ant2_2437_3000~26500

11G_Ant1_2462_0~Reference

11G_Ant1_2462_30~3000

11G_Ant1_2462_3000~26500



11G_Ant2_2462_0~Reference

11G_Ant2_2462_30~3000

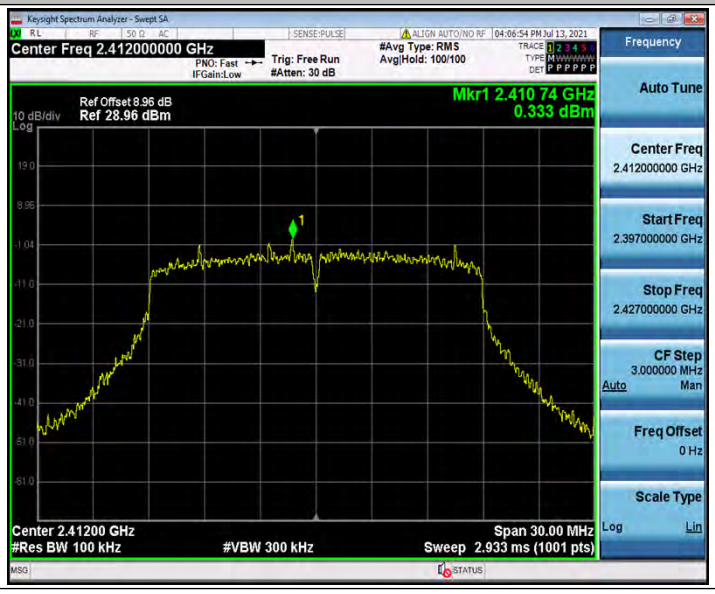
11G_Ant2_2462_3000~26500

11N20SISO_Ant1_2412_0~Reference

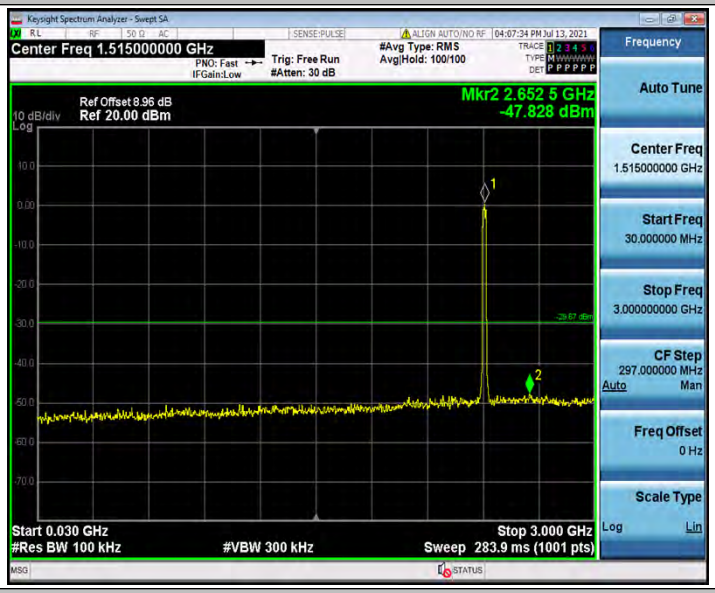
11N20SISO_Ant1_2412_30~3000

11N20SISO_Ant1_2412_3000~26500

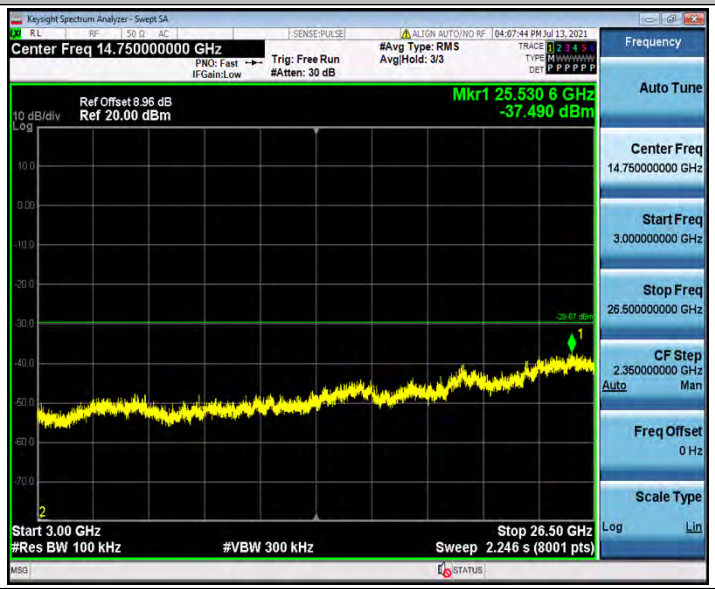
11N20SISO_Ant2_2412_0~Reference



11N20SISO_Ant2_2412_30~3000



11N20SISO_Ant2_2412_3000~26500



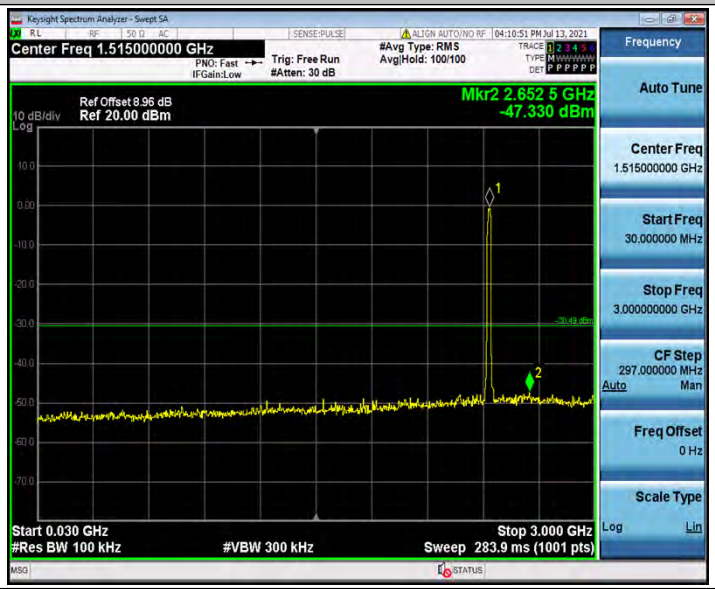
11N20SISO_Ant1_2437_0~Reference

11N20SISO_Ant1_2437_30~3000

11N20SISO_Ant1_2437_3000~26500

11N20SISO_Ant2_2437_0~Reference

11N20SISO_Ant2_2437_30~3000



11N20SISO_Ant2_2437_3000~26500

11N20SISO_Ant1_2462_0~Reference

11N20SISO_Ant1_2462_30~3000

11N20SISO_Ant1_2462_3000~26500

11N20SISO_Ant2_2462_0~Reference

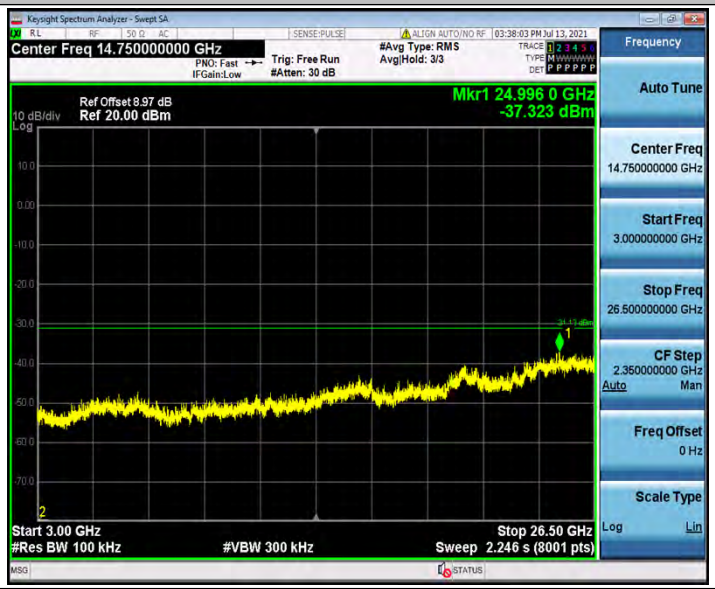
11N20SISO_Ant2_2462_30~3000

11N20SISO_Ant2_2462_3000~26500

11N40SISO_Ant1_2422_0~Reference

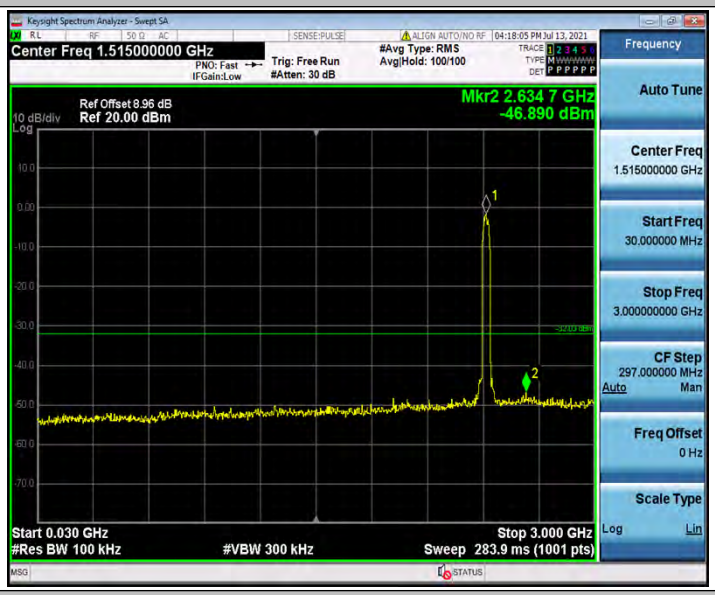
11N40SISO_Ant1_2422_30~3000

11N40SISO_Ant1_2422_3000~26500



11N40SISO_Ant2_2422_0~Reference

11N40SISO_Ant2_2422_30~3000



11N40SISO_Ant2_2422_3000~26500

11N40SISO_Ant1_2437_0~Reference

11N40SISO_Ant1_2437_30~3000

11N40SISO_Ant1_2437_3000~26500

11N40SISO_Ant2_2437_0~Reference

11N40SISO_Ant2_2437_30~3000

11N40SISO_Ant2_2437_3000~26500

11N40SISO_Ant1_2452_0~Reference

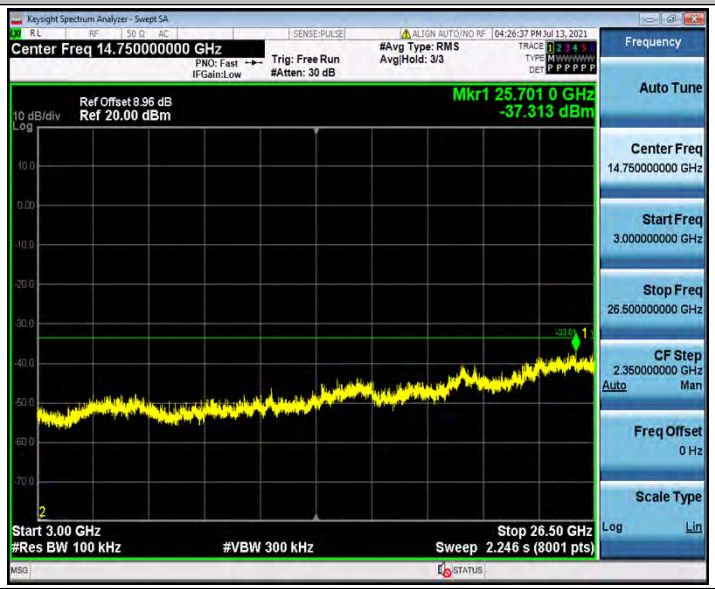
11N40SISO_Ant1_2452_30~3000

11N40SISO_Ant1_2452_3000~26500

11N40SISO_Ant2_2452_0~Reference

11N40SISO_Ant2_2452_30~3000

11N40SISO_Ant2_2452_3000~26500



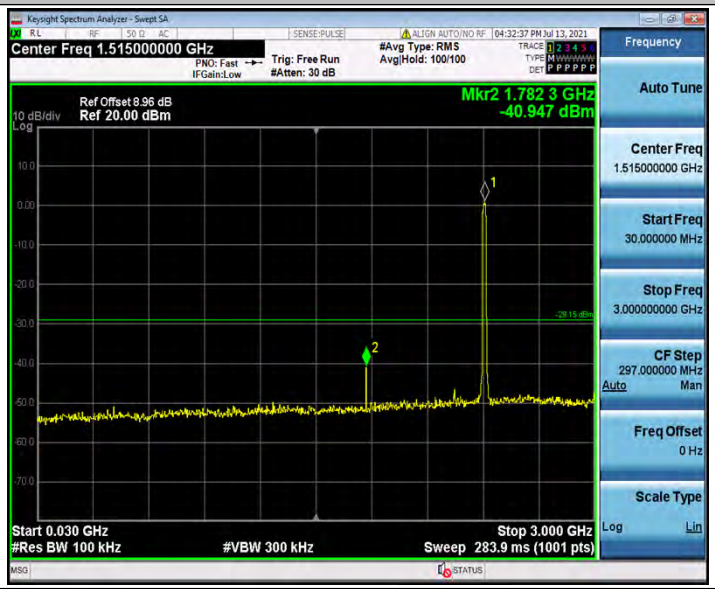
11N20MIMO_Ant1_2412_0~Reference

11N20MIMO_Ant1_2412_30~3000

11N20MIMO_Ant1_2412_3000~26500

11N20MIMO_Ant2_2412_0~Reference

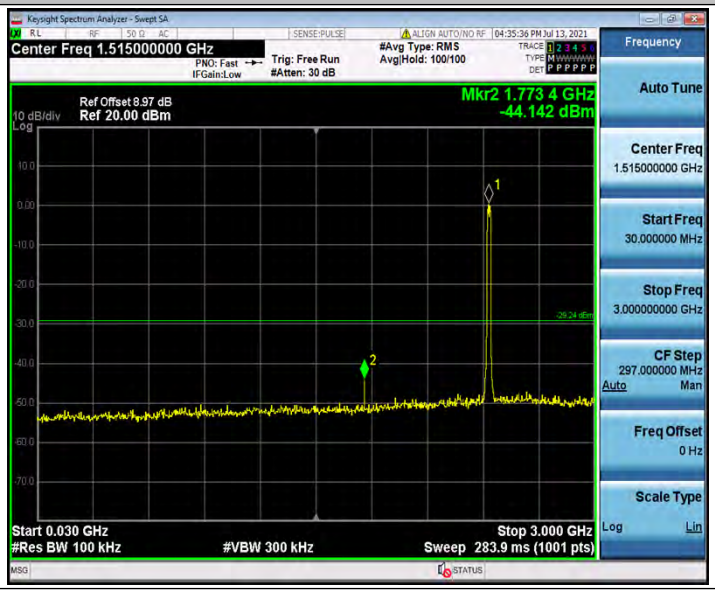
11N20MIMO_Ant2_2412_30~3000



11N20MIMO_Ant2_2412_3000~26500

11N20MIMO_Ant1_2437_0~Reference

11N20MIMO_Ant1_2437_30~3000



11N20MIMO_Ant1_2437_3000~26500

11N20MIMO_Ant2_2437_0~Reference

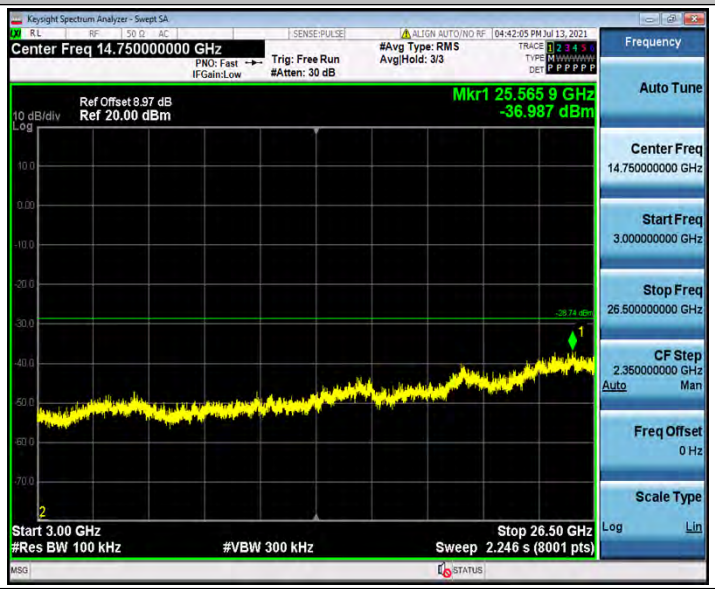
11N20MIMO_Ant2_2437_30~3000

11N20MIMO_Ant2_2437_3000~26500

11N20MIMO_Ant1_2462_0~Reference

11N20MIMO_Ant1_2462_30~3000

11N20MIMO_Ant1_2462_3000~26500

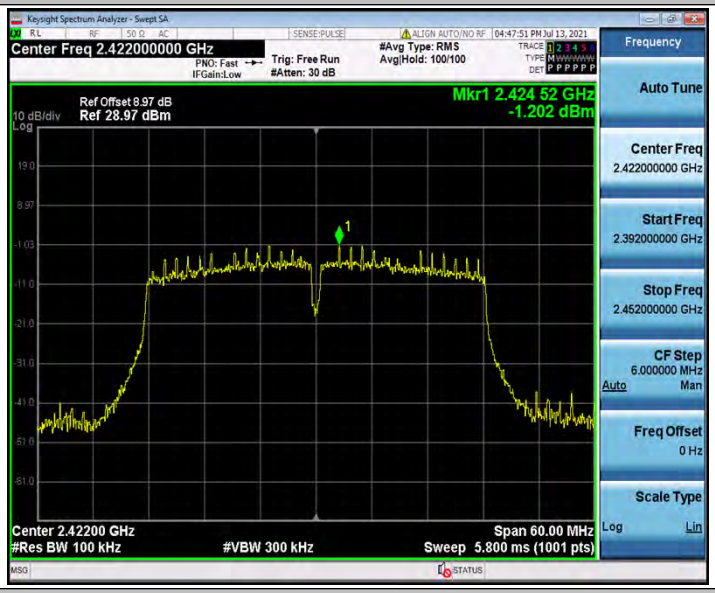


11N20MIMO_Ant2_2462_0~Reference

11N20MIMO_Ant2_2462_30~3000

11N20MIMO_Ant2_2462_3000~26500

11N40MIMO_Ant1_2422_0~Reference



11N40MIMO_Ant1_2422_30~3000

11N40MIMO_Ant1_2422_3000~26500

11N40MIMO_Ant2_2422_0~Reference

11N40MIMO_Ant2_2422_30~3000

11N40MIMO_Ant2_2422_3000~26500

11N40MIMO_Ant1_2437_0~Reference

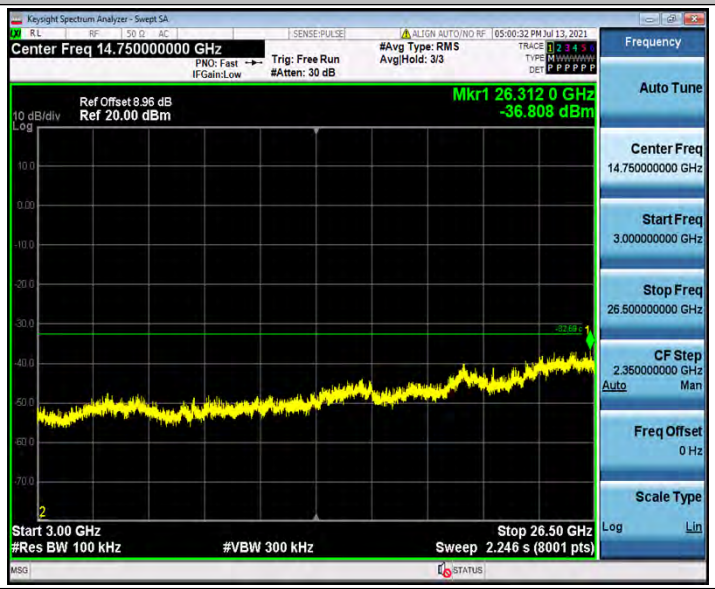
11N40MIMO_Ant1_2437_30~3000

11N40MIMO_Ant1_2437_3000~26500

11N40MIMO_Ant2_2437_0~Reference

11N40MIMO_Ant2_2437_30~3000

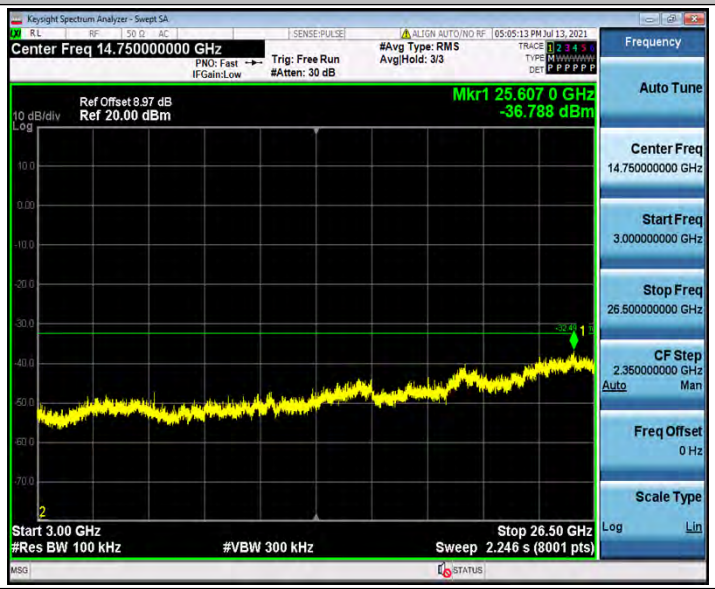
11N40MIMO_Ant2_2437_3000~26500



11N40MIMO_Ant1_2452_0~Reference

11N40MIMO_Ant1_2452_30~3000

11N40MIMO_Ant1_2452_3000~26500



11N40MIMO_Ant2_2452_0~Reference

11N40MIMO_Ant2_2452_30~3000

11N40MIMO_Ant2_2452_3000~26500

Keysight Spectrum Analyzer - Swept SA
Center Freq 14.750000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 3/3
Ref Offset 8.96 dB
10 dB/div Ref 20.00 dBm
Log
Mkr1 26.171 0 GHz
-37.327 dBm
Start 3.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.246 s (8001 pts)
Frequency
Auto Tune
Center Freq
14.750000000 GHz
Start Freq
3.000000000 GHz
Stop Freq
26.500000000 GHz
CF Step
2.350000000 GHz
Auto Man
Freq Offset
0 Hz
Scale Type
Log Lin

********** End **********