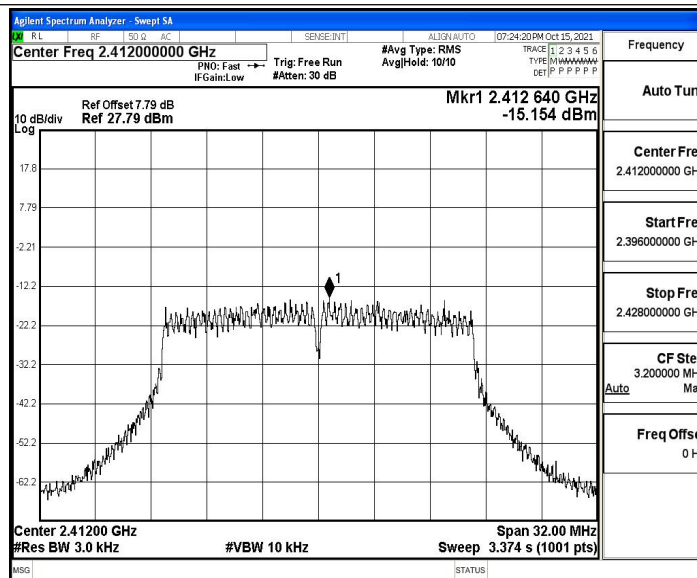
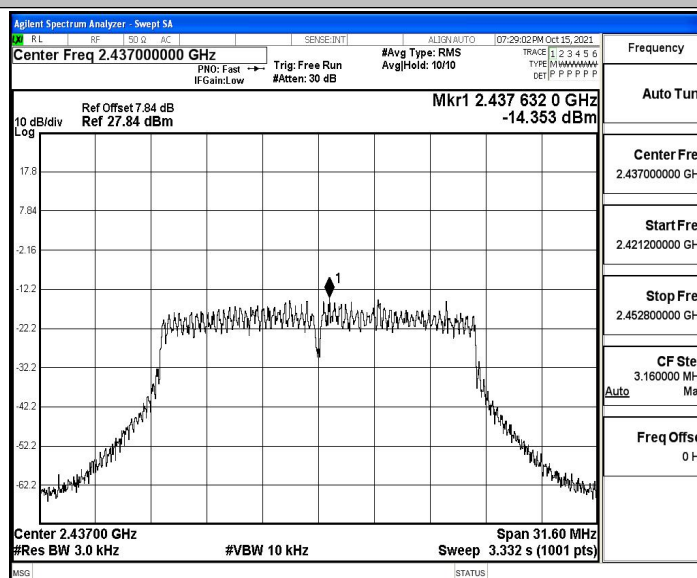
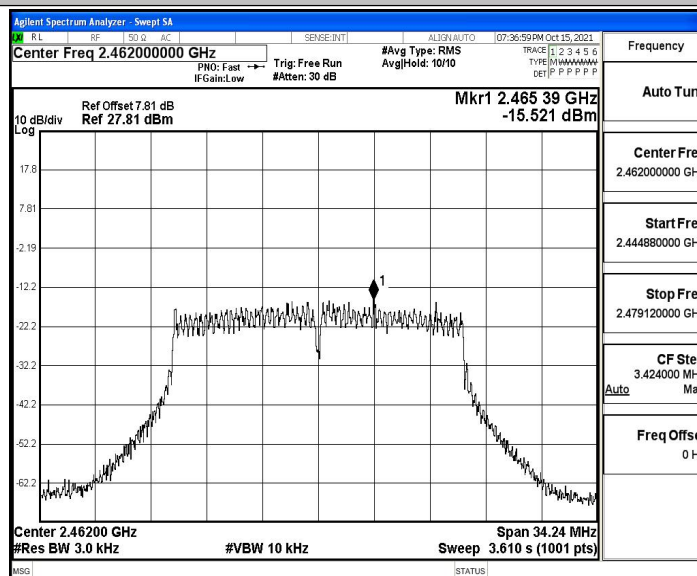




11N20SISO_Ant2_2437

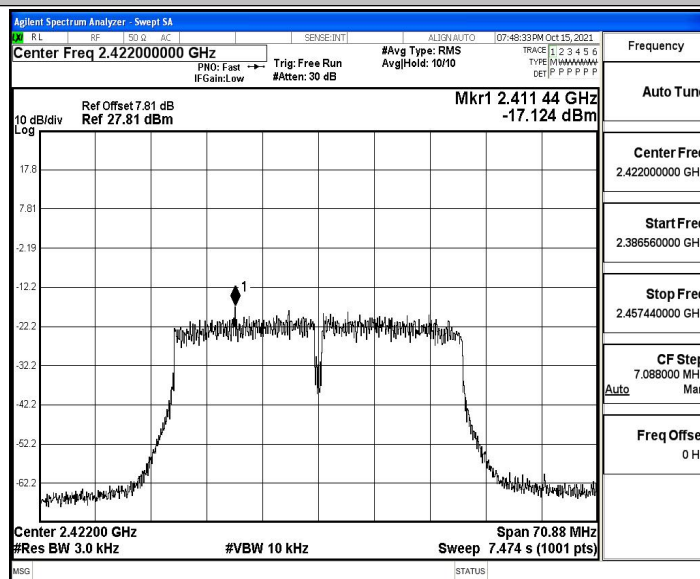


11N20SISO_Ant2_2462

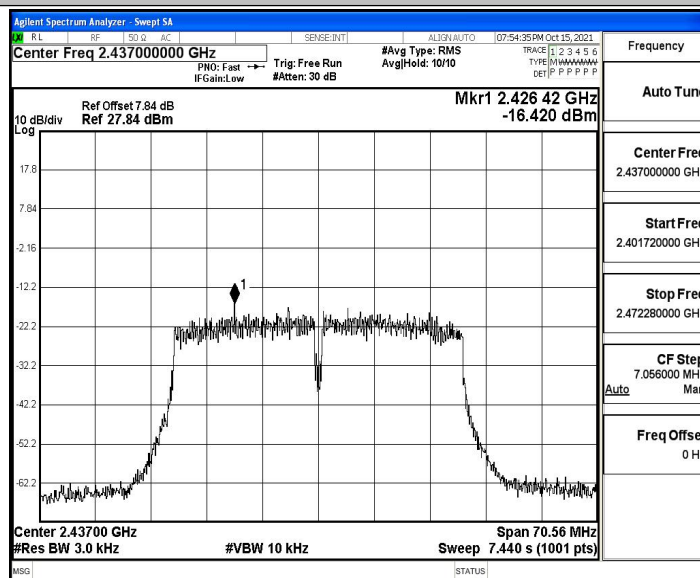




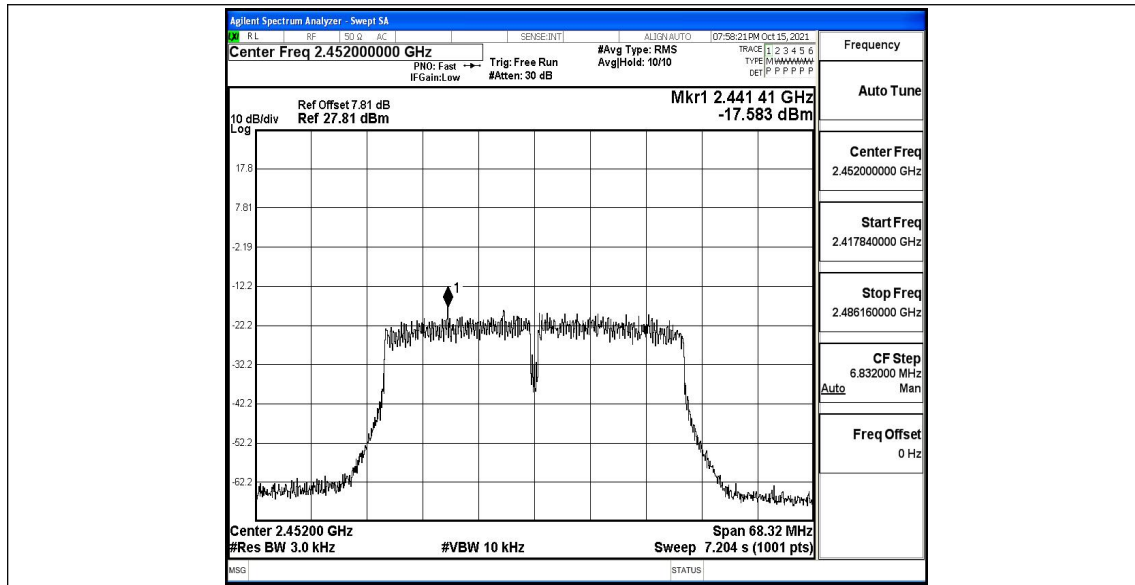
11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



11N40SISO_Ant2_2452



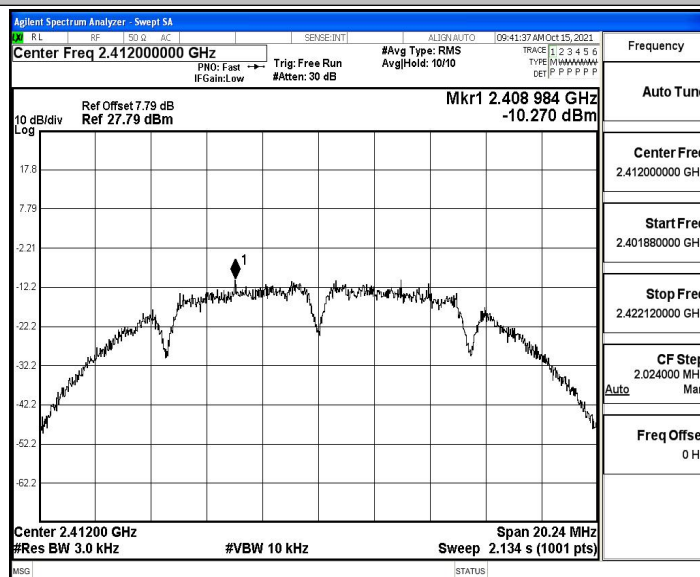
ANT3

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant3	2412	-10.27	≤8	PASS
		2437	-8.85	≤8	PASS
		2462	-9.28	≤8	PASS
11G	Ant3	2412	-16.19	≤8	PASS
		2437	-16.24	≤8	PASS
		2462	-16.18	≤8	PASS
11N20SISO	Ant3	2412	-16.28	≤8	PASS
		2437	-16.05	≤8	PASS
		2462	-14.7	≤8	PASS
11N40SISO	Ant3	2422	-18.37	≤8	PASS
		2437	-17.8	≤8	PASS
		2452	-17.39	≤8	PASS

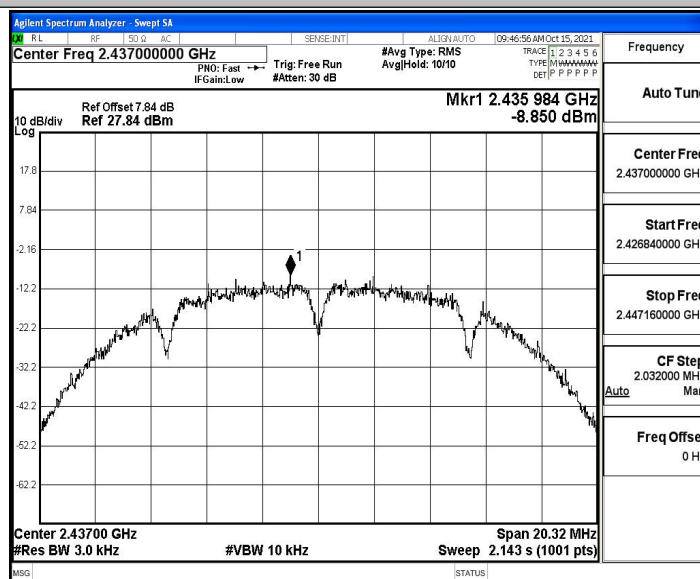


Test Graphs

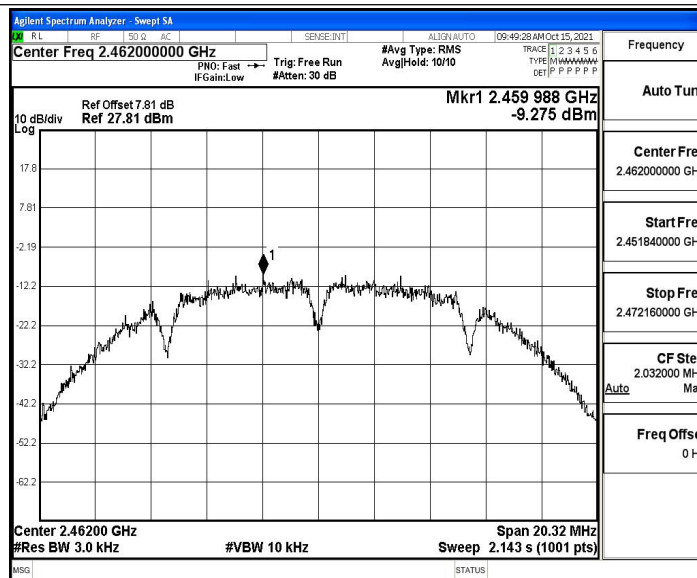
11B_Ant3_2412



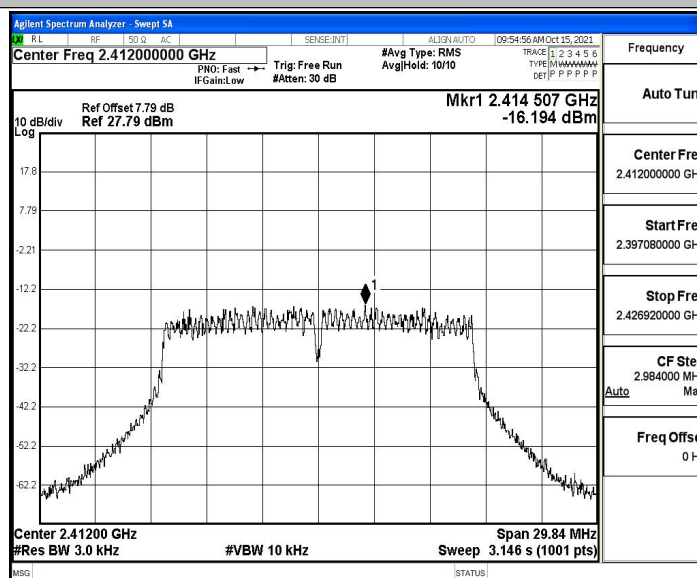
11B_Ant3_2437



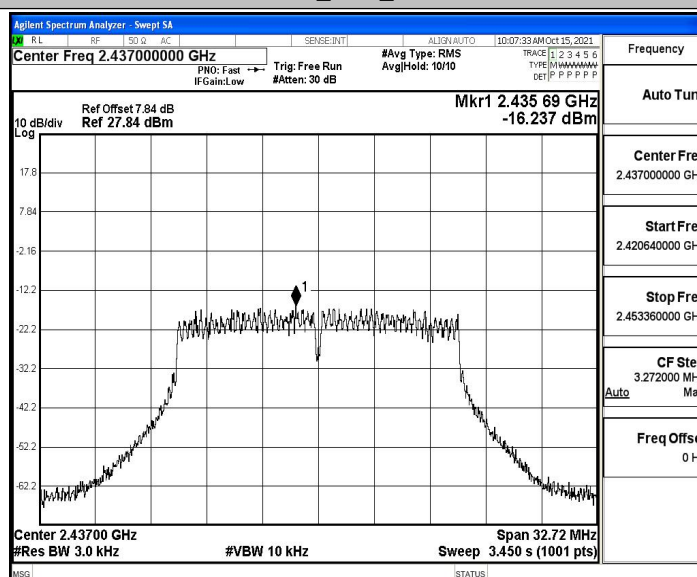
11B_Ant3_2462



11G_Ant3_2412

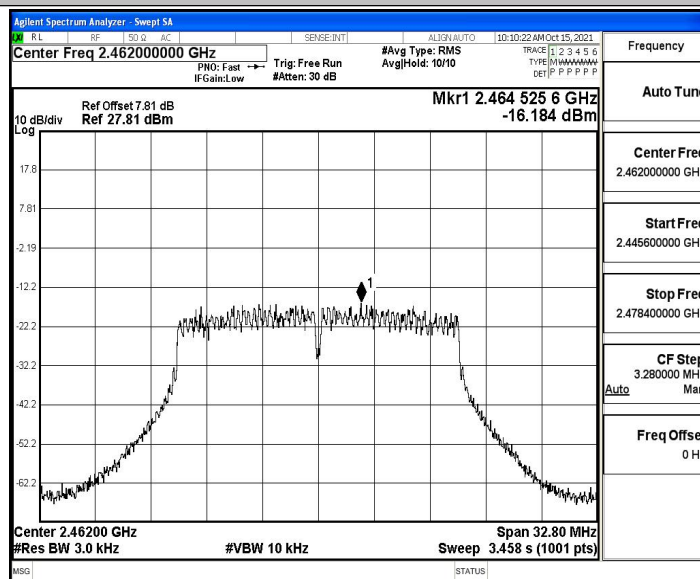


11G_Ant3_2437

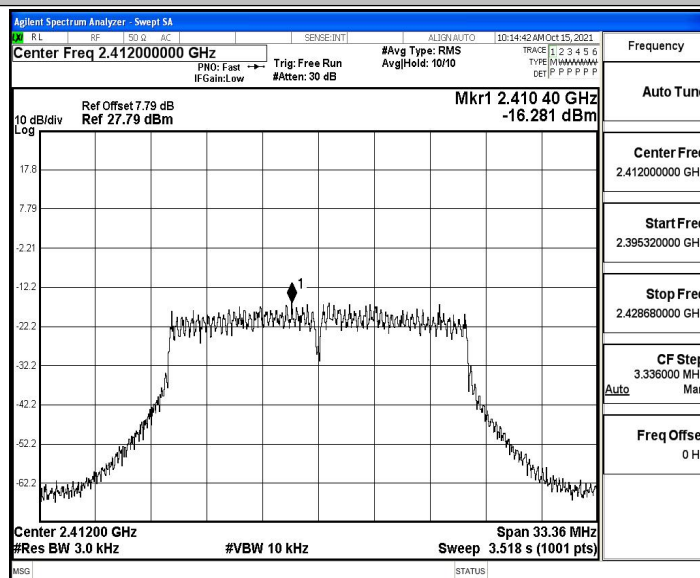




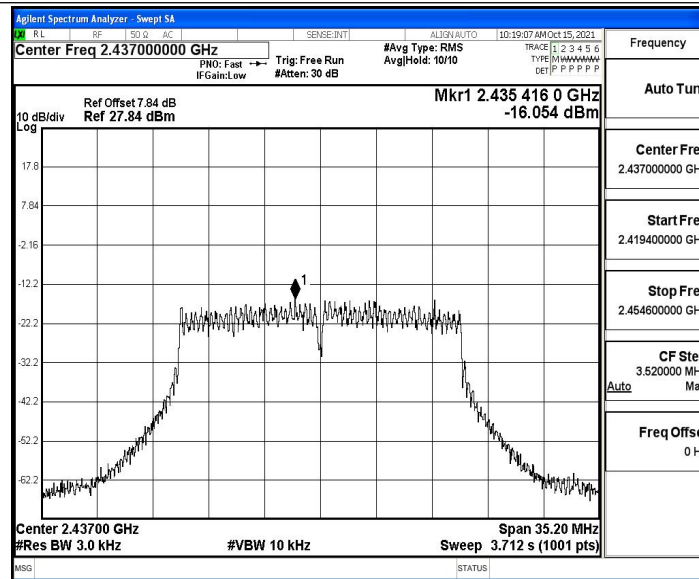
11G_Ant3_2462



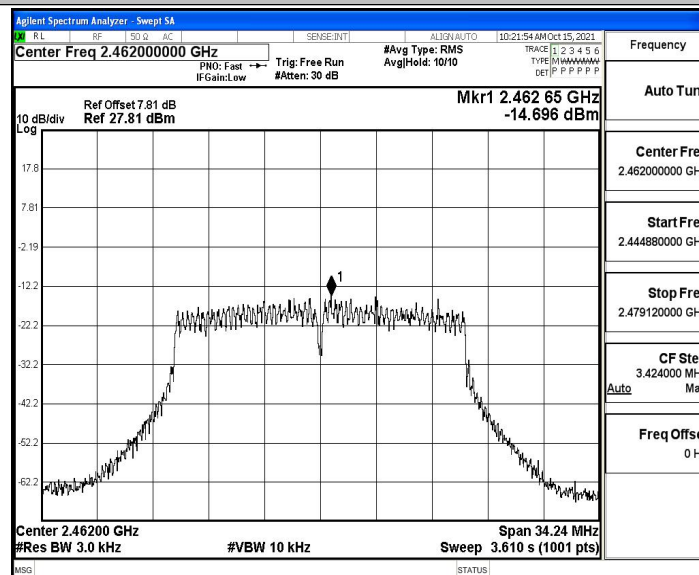
11N20SISO_Ant3_2412



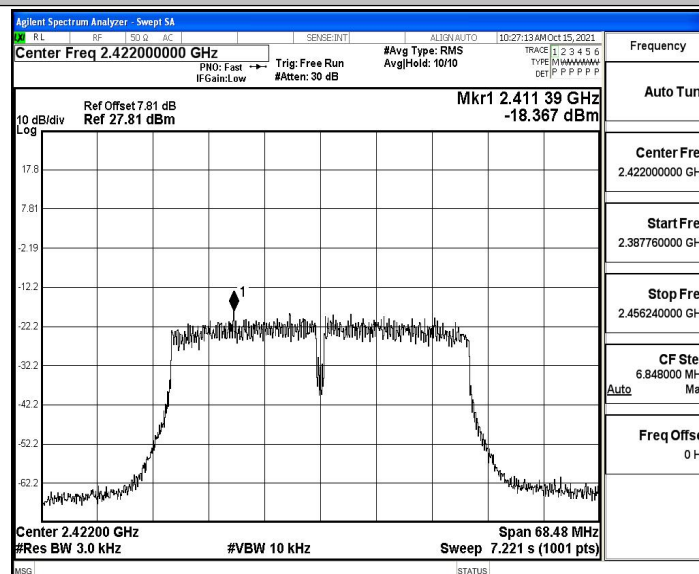
11N20SISO_Ant3_2437



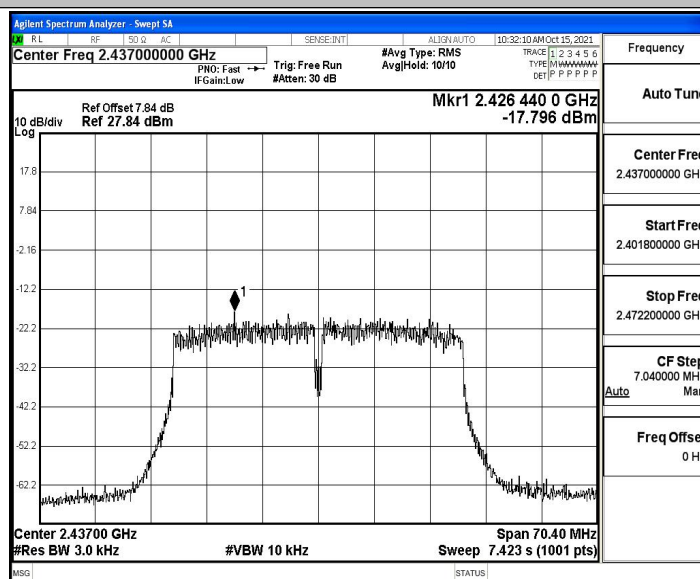
11N20SISO_Ant3_2462



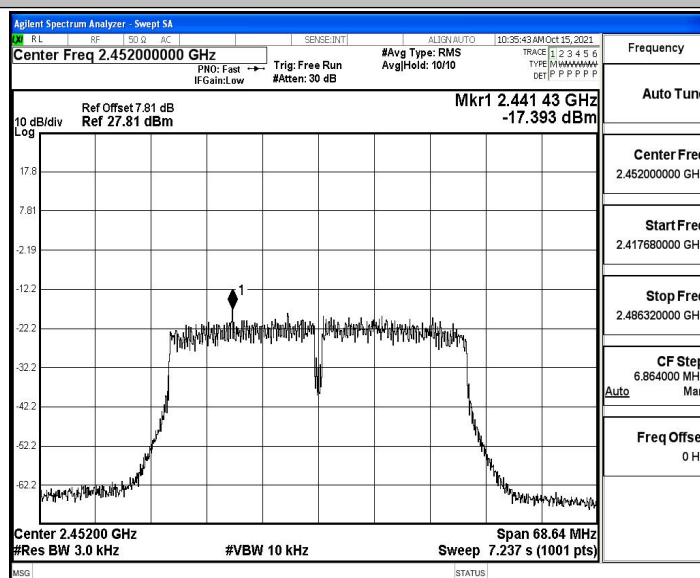
11N40SISO_Ant3_2422



11N40SISO_Ant3_2437



11N40SISO_Ant3_2452





TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant4	2412	-16.99	≤8	PASS
		2437	-9.89	≤8	PASS
		2462	-9.79	≤8	PASS
11G	Ant4	2412	-14.98	≤8	PASS
		2437	-15.9	≤8	PASS
		2462	-15.04	≤8	PASS
11N20SISO	Ant4	2412	-16.15	≤8	PASS
		2437	-15.43	≤8	PASS
		2462	-16.24	≤8	PASS
11N40SISO	Ant4	2422	-17.81	≤8	PASS
		2437	-17.07	≤8	PASS
		2452	-18.2	≤8	PASS

Agilent Spectrum Analyzer - Swept SA

Center Freq 2.412000000 GHz

Ref Offset 7.79 dB
Ref 27.79 dBm

Mkr1 2.411 248 GHz
-16.989 dBm

10 dB/div
Log

Center 2.41200 GHz
#Res BW 3.0 kHz
#VBW 10 kHz
Span 20.32 MHz
Sweep 2.143 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

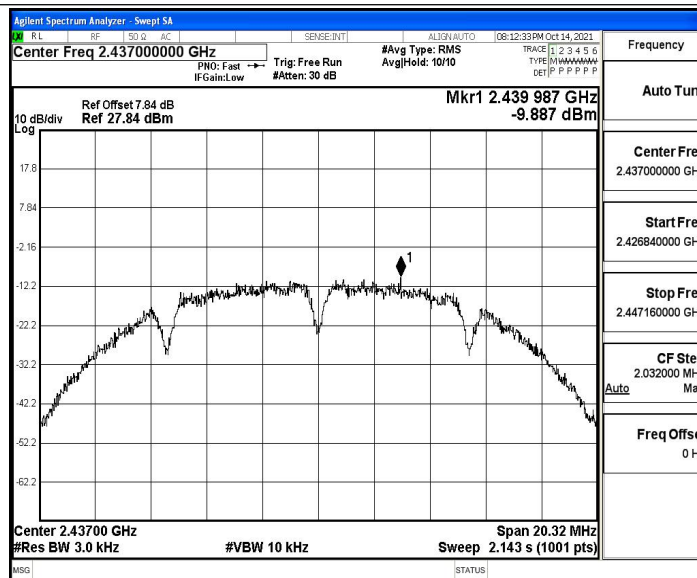
Center Freq
2.412000000 GHz

Start Freq
2.401840000 GHz

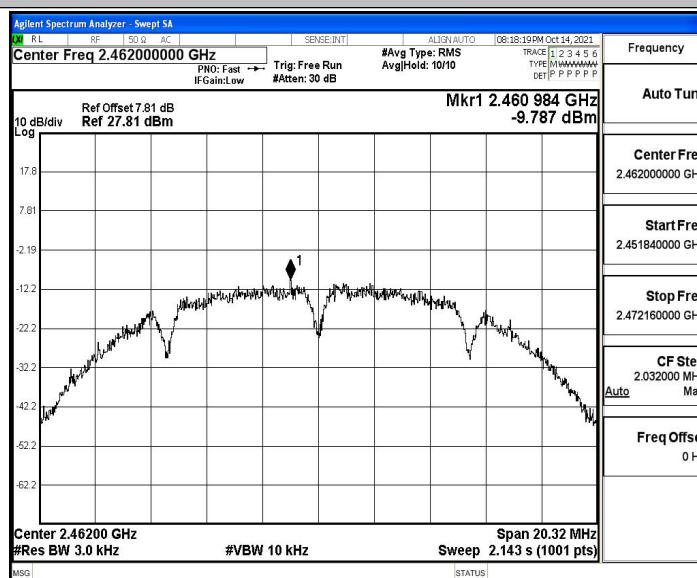
Stop Freq
2.422160000 GHz

CF Step
2.032000 MHz
Auto Man

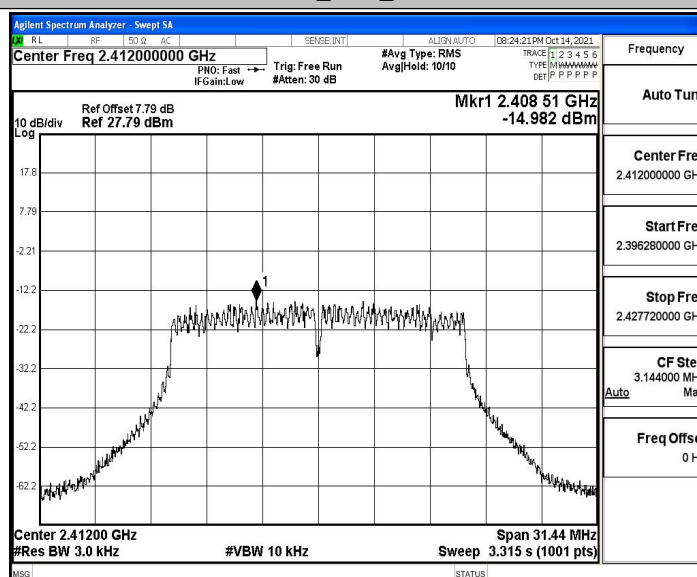
Freq Offset
0 Hz



11B_Ant4_2462

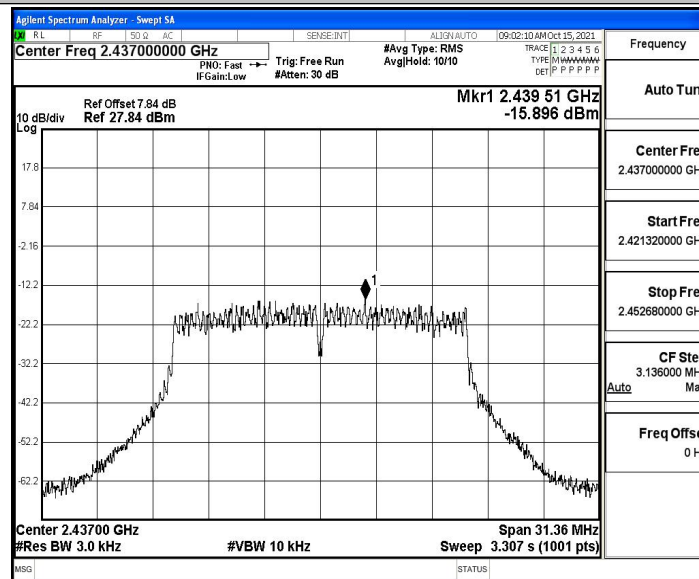


11G_Ant4_2412

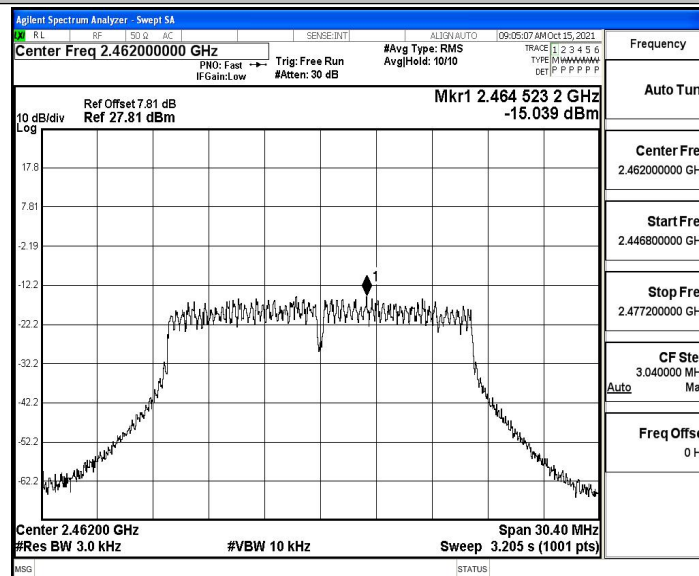




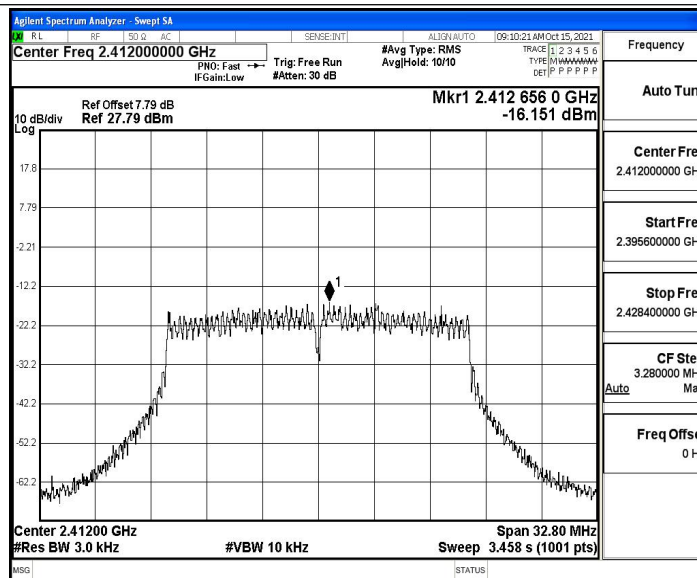
11G_Ant4_2437



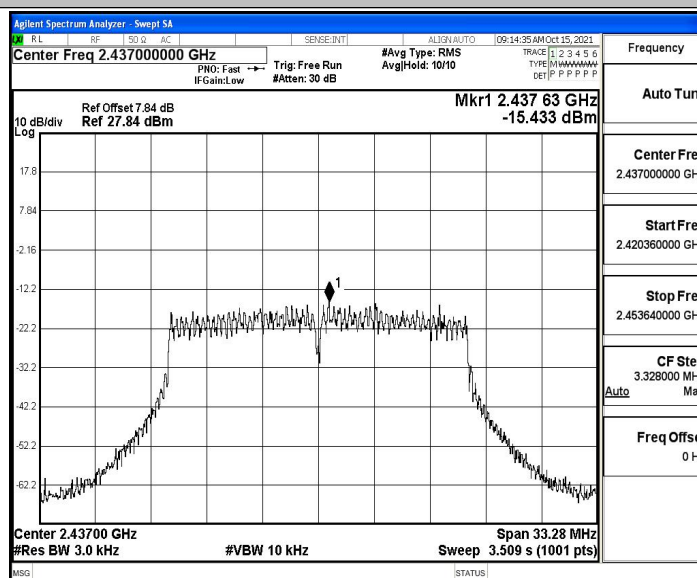
11G_Ant4_2462



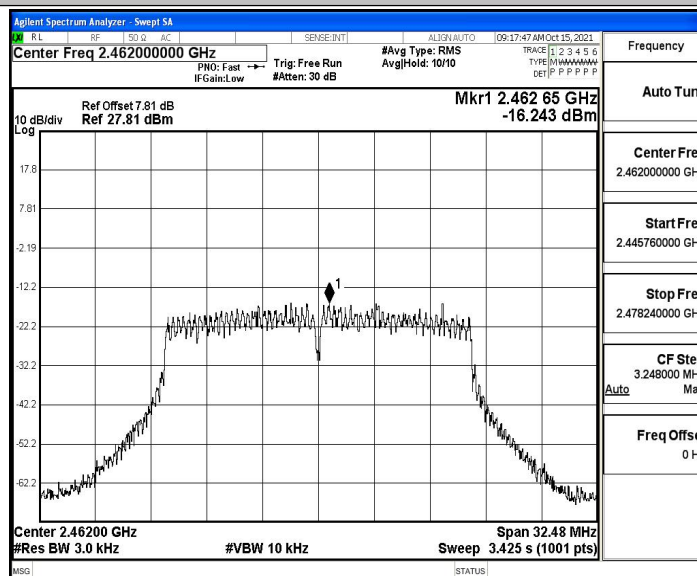
11N20SISO_Ant4_2412



11N20SISO_Ant4_2437

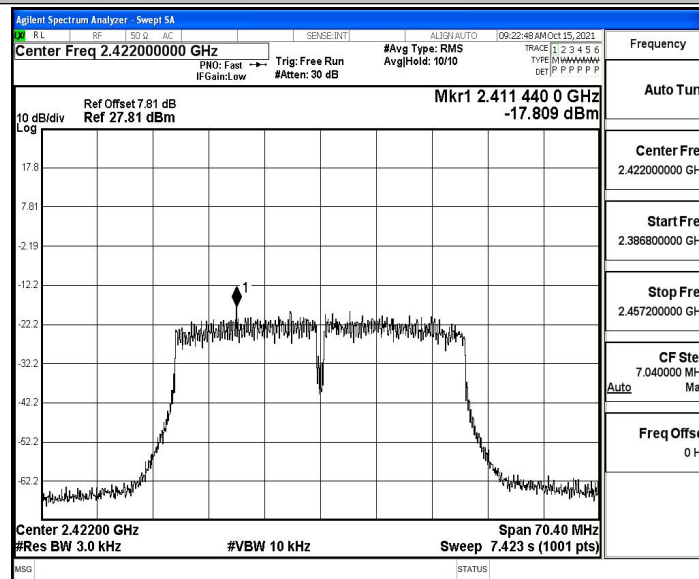


11N20SISO_Ant4_2462

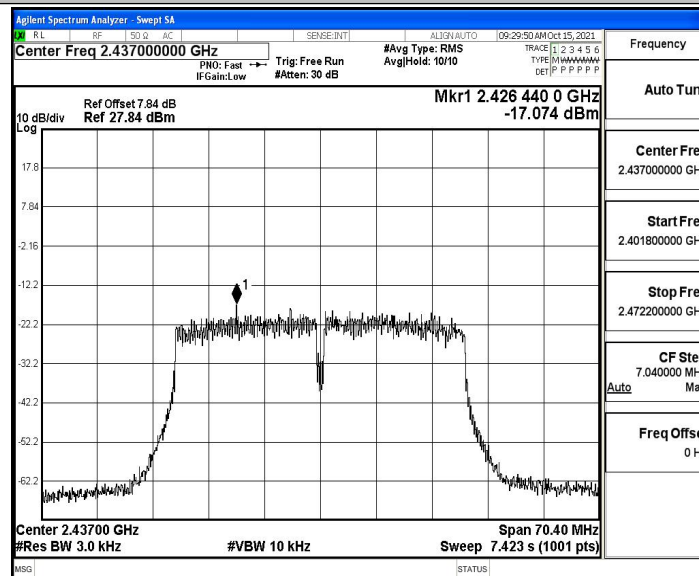




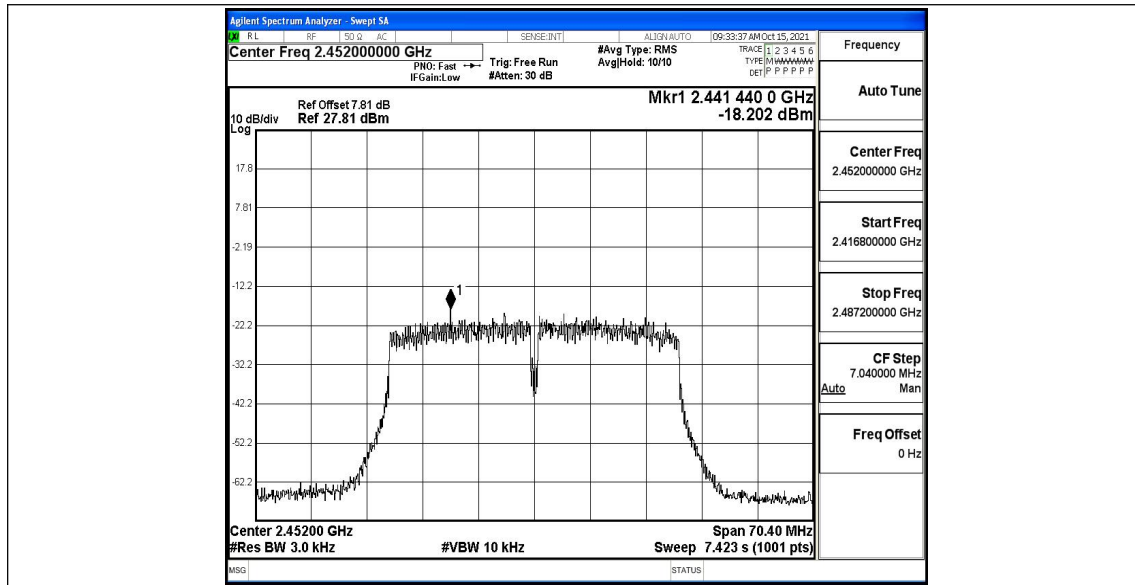
11N40SISO_Ant4_2422



11N40SISO_Ant4_2437



11N40SISO_Ant4_2452





MIMO

Mode	Channel	ANT 1 [dBm/3KHz]	ANT 2 [dBm/3KHz]	ANT 3 [dBm/3KHz]	ANT 4 [dBm/3KHz]	MIMO [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
11N20	LCH	-18.56	-15.15	-16.28	-16.15	-10.35	8.0	PASS
	MCH	-16.52	-14.35	-16.05	-15.43	-12.29	8.0	PASS
	HCH	-17.5	-15.52	-14.7	-16.24	-13.39	8.0	PASS
11N40	LCH	-19.29	-17.12	-18.37	-17.81	-15.06	8.0	PASS
	MCH	-19.18	-16.42	-17.8	-17.07	-14.57	8.0	PASS
	HCH	-18.61	-17.58	-17.39	-18.2	-15.05	8.0	PASS



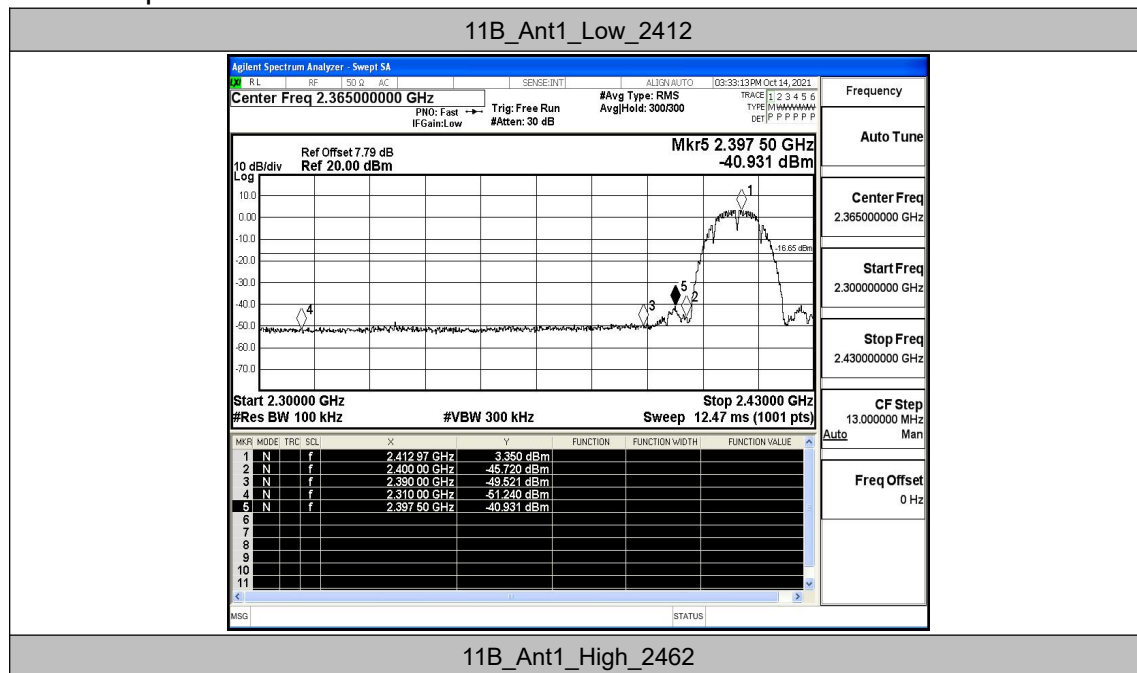
A.4 Band edge measurements

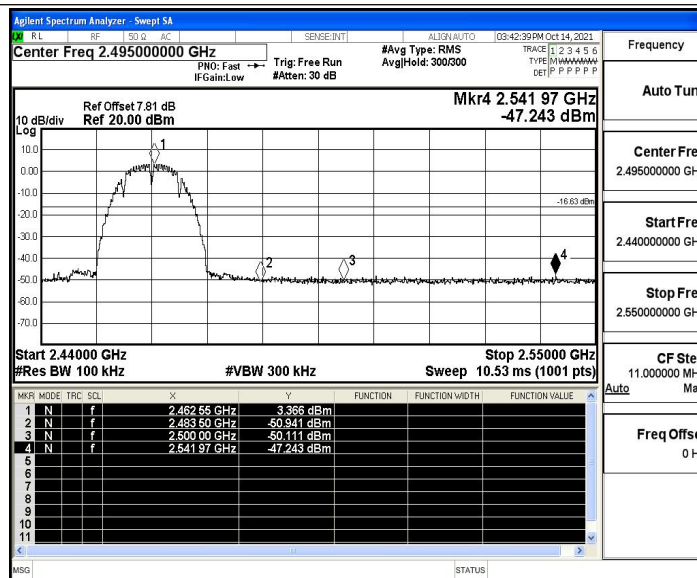
Test Result

ANT1

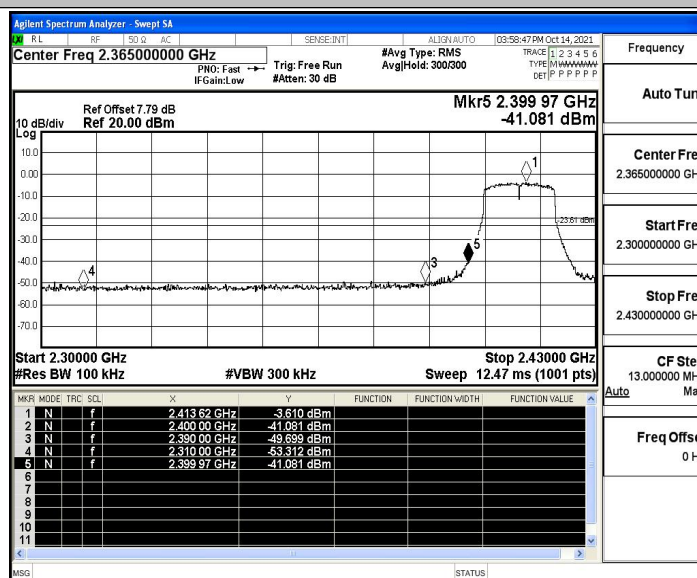
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.35	-40.93	≤-16.65	PASS
		High	2462	3.37	-47.24	≤-16.63	PASS
11G	Ant1	Low	2412	-3.61	-41.08	≤-23.61	PASS
		High	2462	-3.86	-48.66	≤-23.86	PASS
11N20SISO	Ant1	Low	2412	-5.10	-40.17	≤-25.1	PASS
		High	2462	-3.42	-42.3	≤-23.42	PASS
11N40SISO	Ant1	Low	2422	-7.49	-43.05	≤-27.49	PASS
		High	2452	-7.67	-42.65	≤-27.67	PASS

Test Graphs

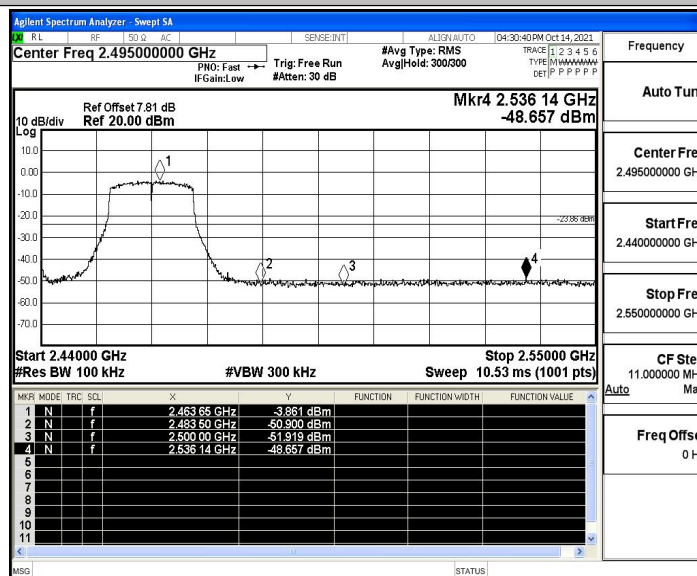




11G_Ant1_Low_2412

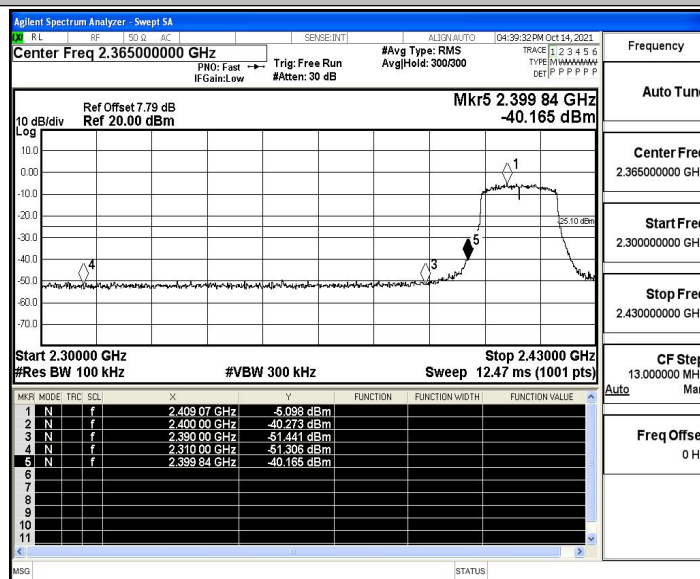


11G_Ant1_High_2462

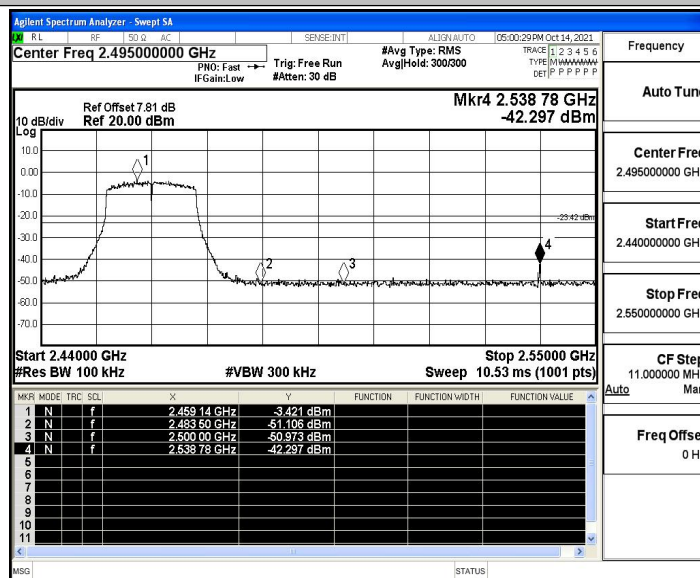




11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422