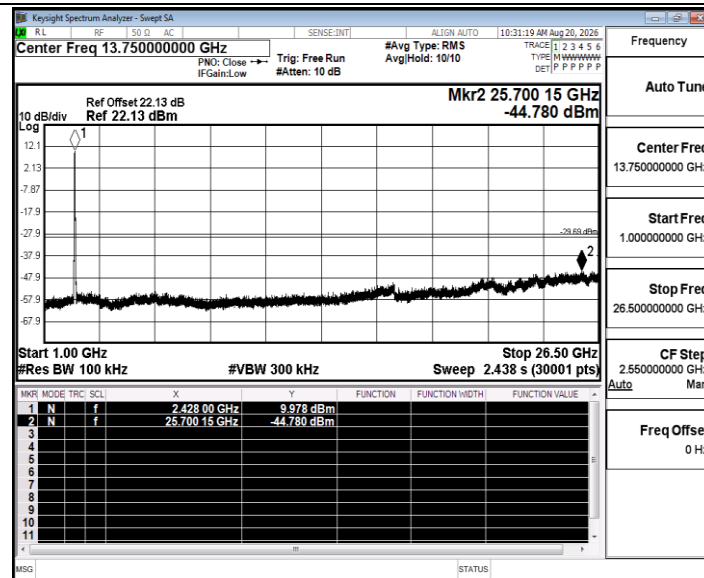
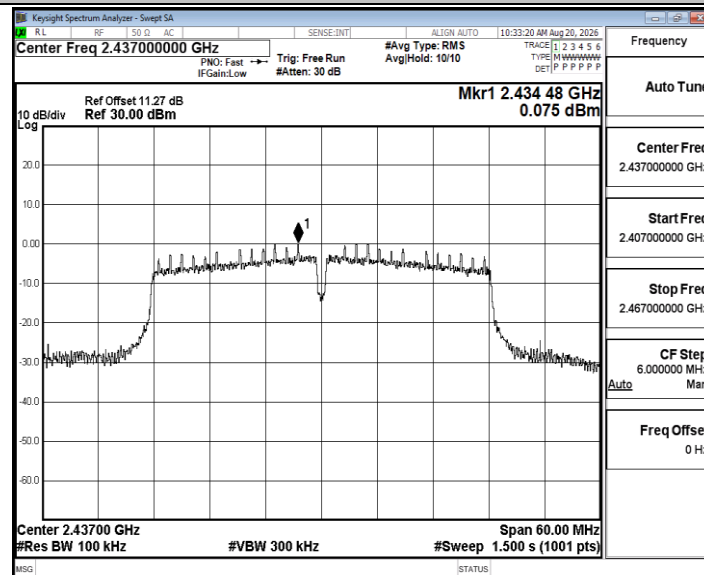
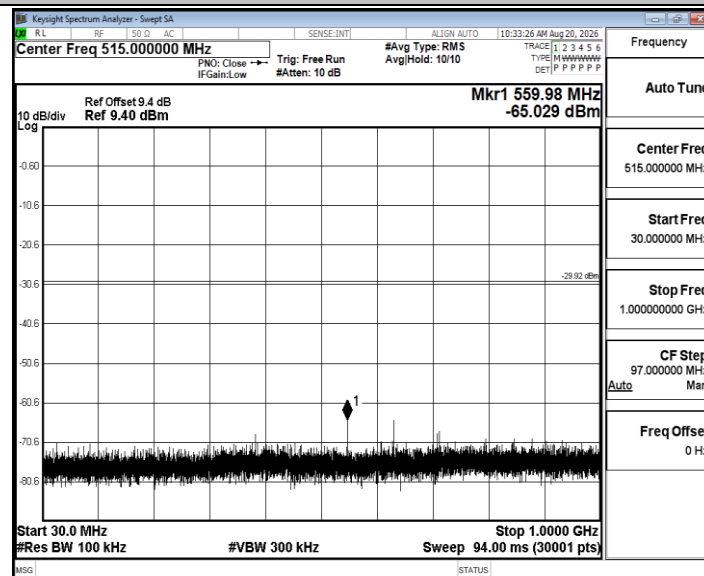




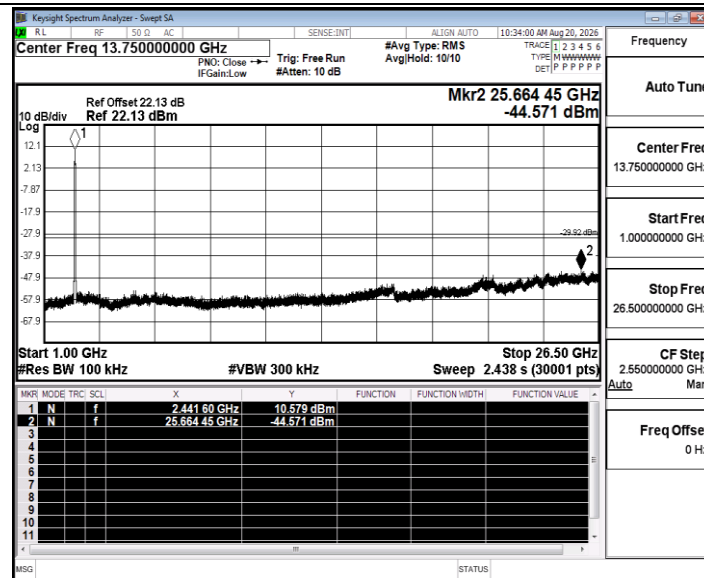
11N40SISO_Ant1_2437_0~Reference



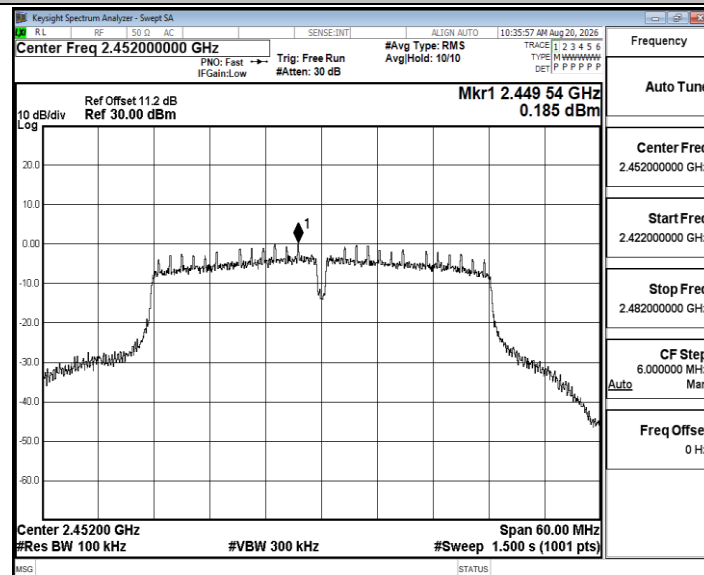
11N40SISO_Ant1_2437_30~1000



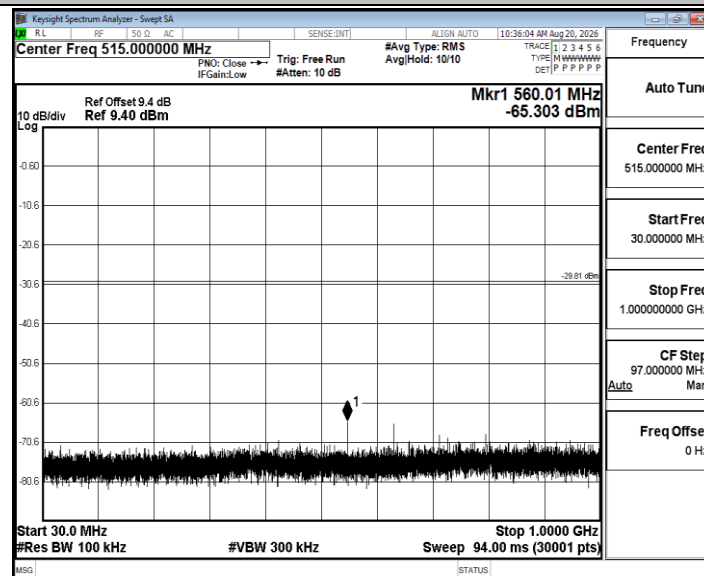
11N40SISO_Ant1_2437_1000~26500



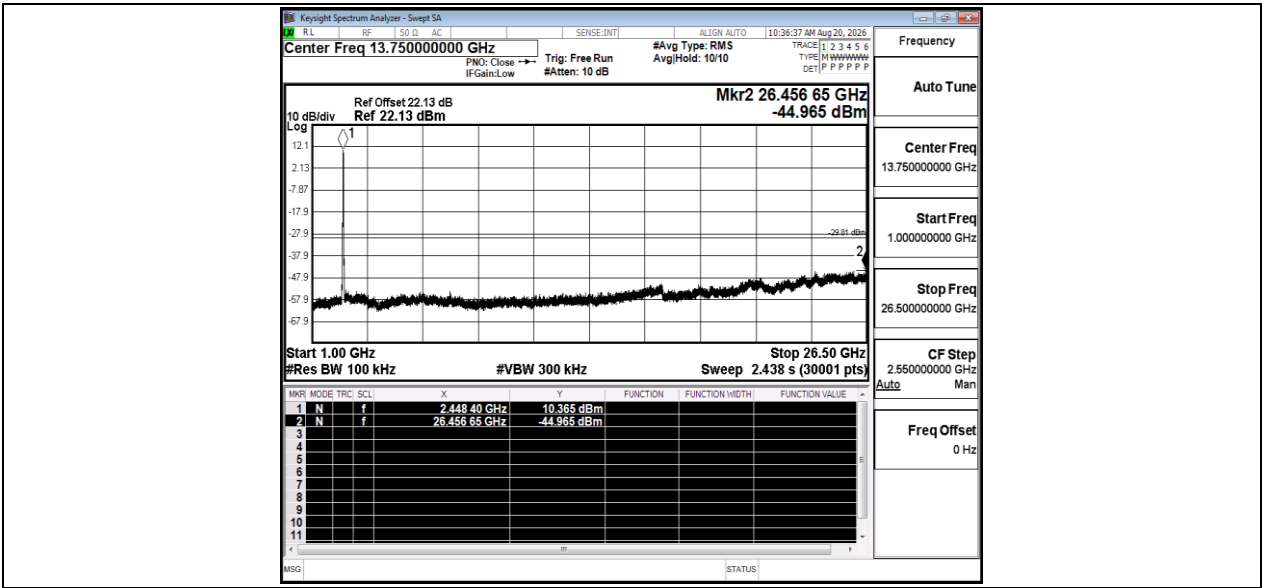
11N40SISO_Ant1_2452_0-Reference



11N40SISO_Ant1_2452_30-1000



11N40SISO_Ant1_2452_1000-26500



C.6 Duty Cycle

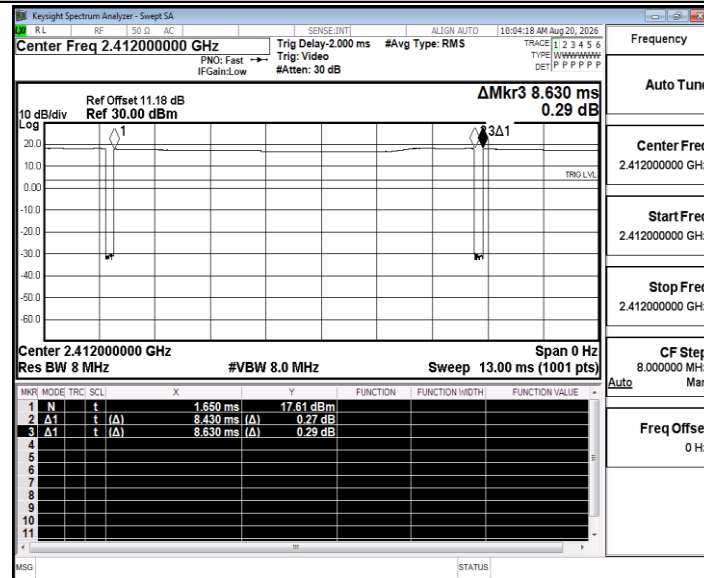
Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	xFactor
11B	Ant1	2412	8.43	8.63	97.68	0.10
		2437	8.42	8.63	97.57	0.11
		2462	8.41	8.62	97.56	0.11
11G	Ant1	2412	1.39	1.60	86.88	0.61
		2437	1.40	1.61	86.96	0.61
		2462	1.40	1.61	86.96	0.61
11N20SISO	Ant1	2412	1.31	1.52	86.18	0.65
		2437	1.30	1.51	86.09	0.65
		2462	1.31	1.51	86.75	0.62
11N40SISO	Ant1	2422	0.64	0.85	75.29	1.23
		2437	0.65	0.86	75.58	1.22
		2452	0.65	0.86	75.58	1.22

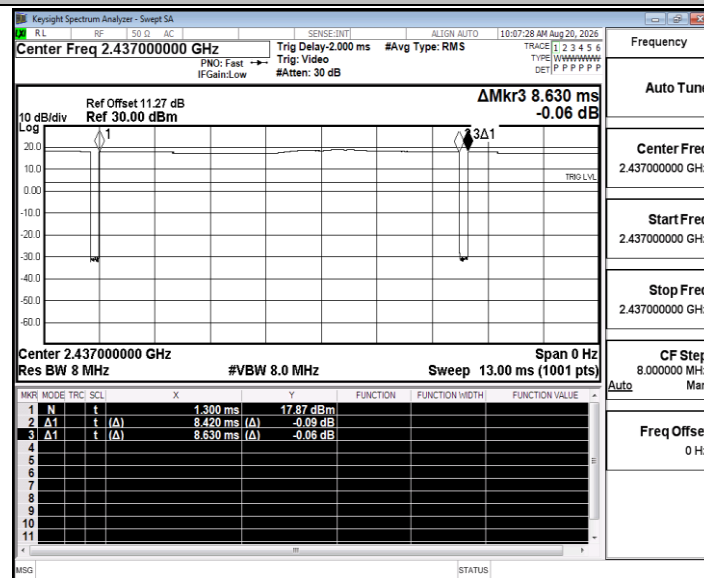
Note :offset=System attenuation +cabal loss

Test Graphs

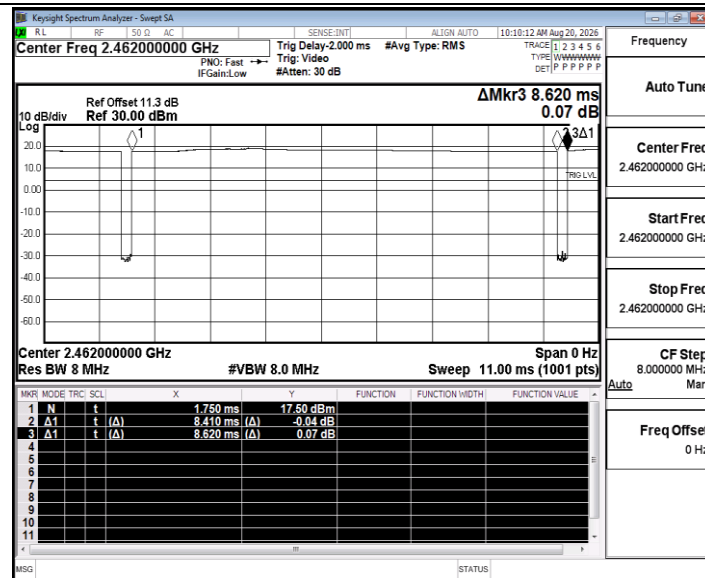
11B_Ant1_2412



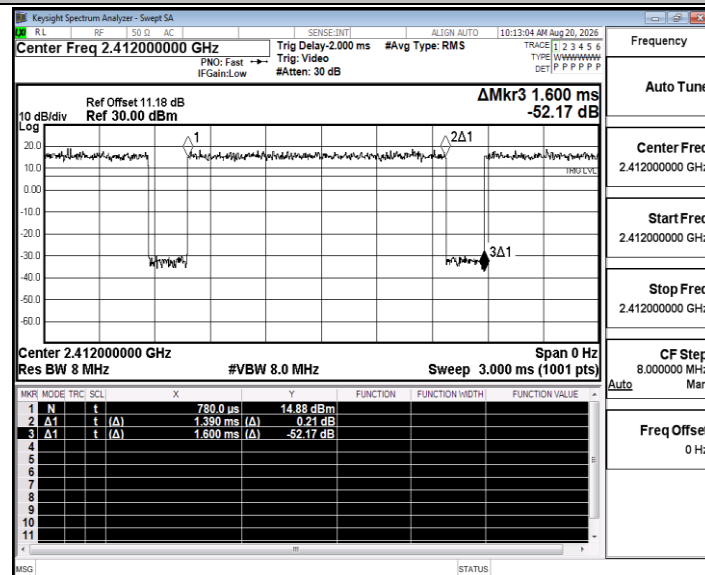
11B_Ant1_2437



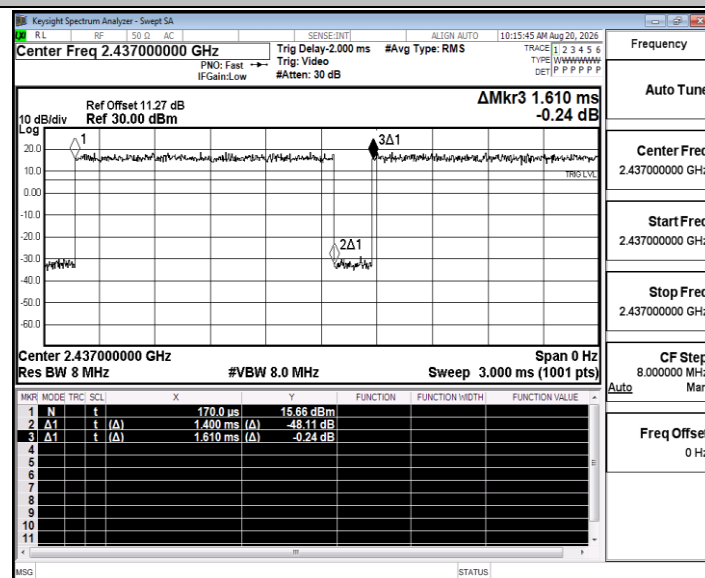
11B_Ant1_2462



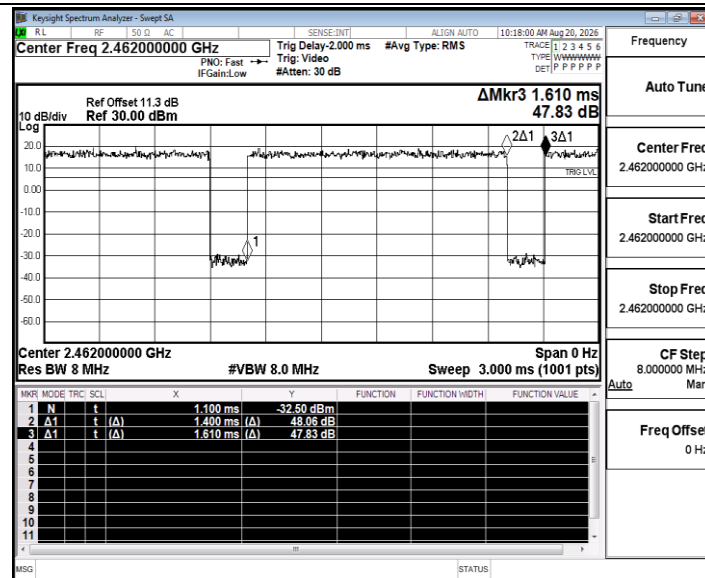
11G_Ant1_2412



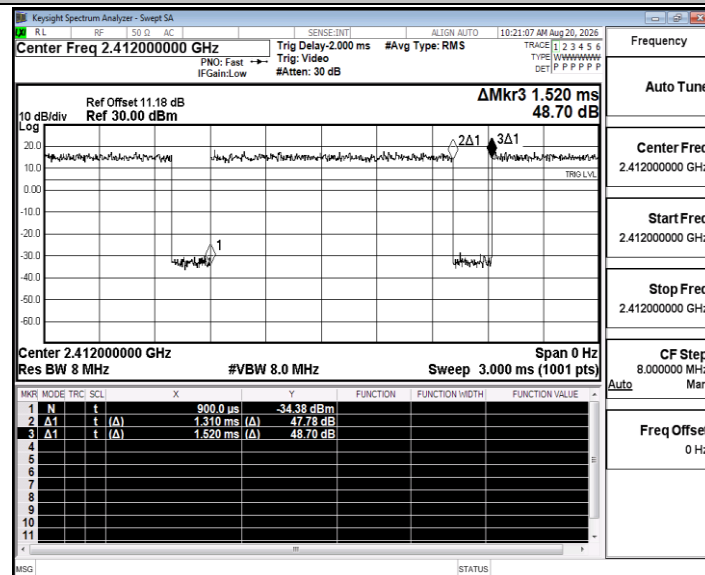
11G_Ant1_2437



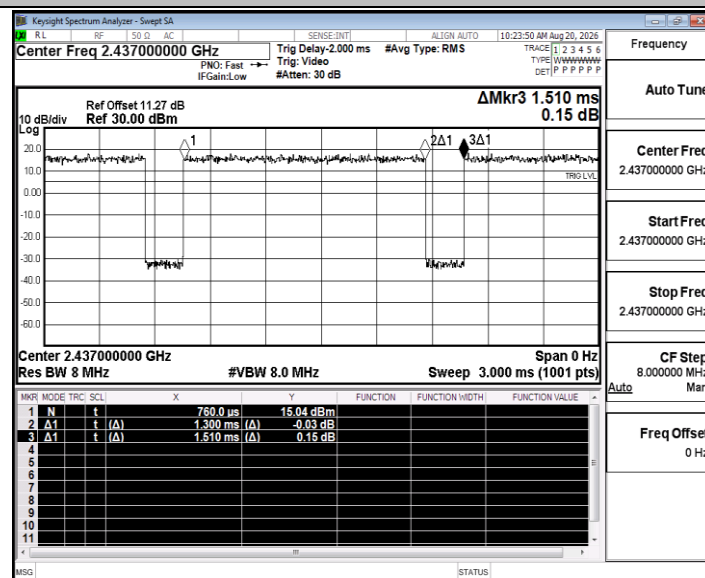
11G_Ant1_2462



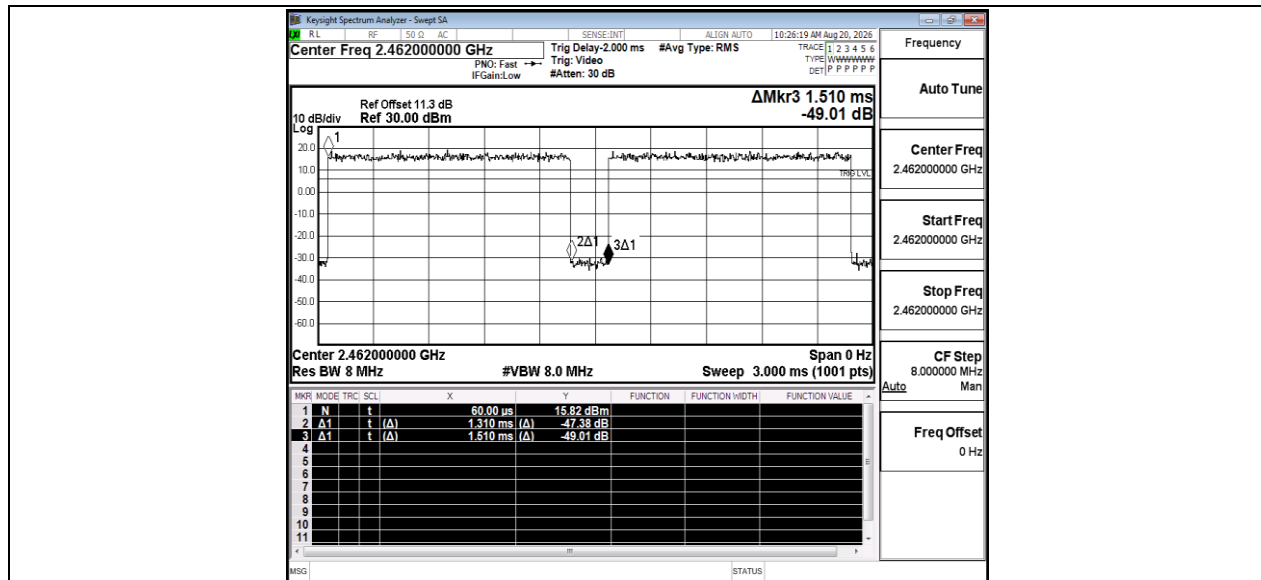
11N20SISO_Ant1_2412



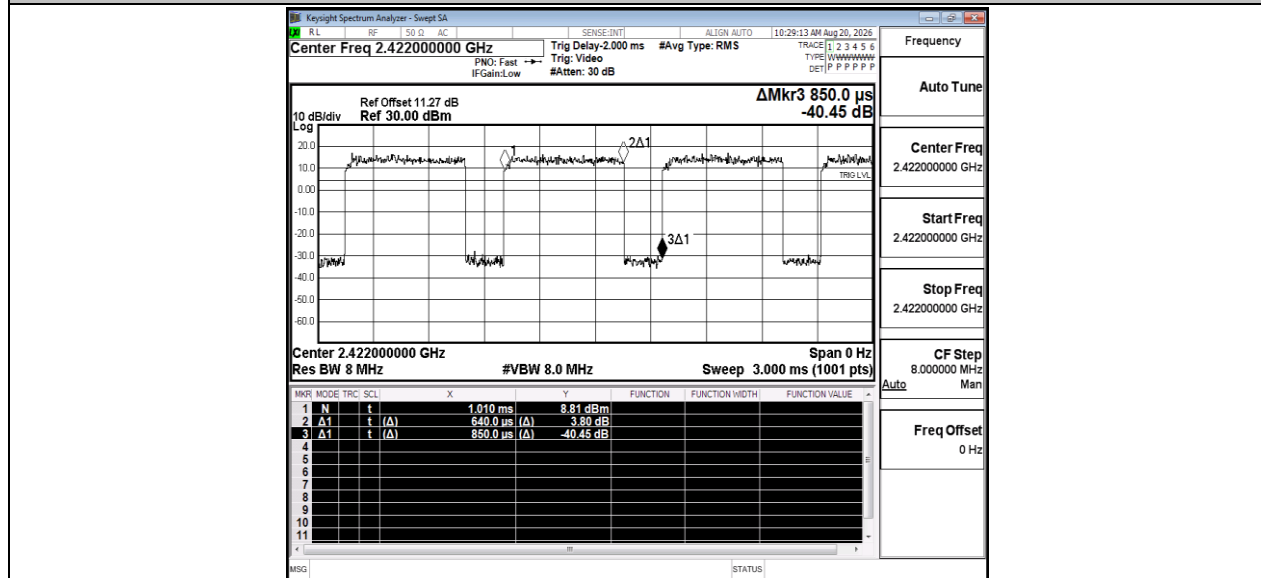
11N20SISO_Ant1_2437



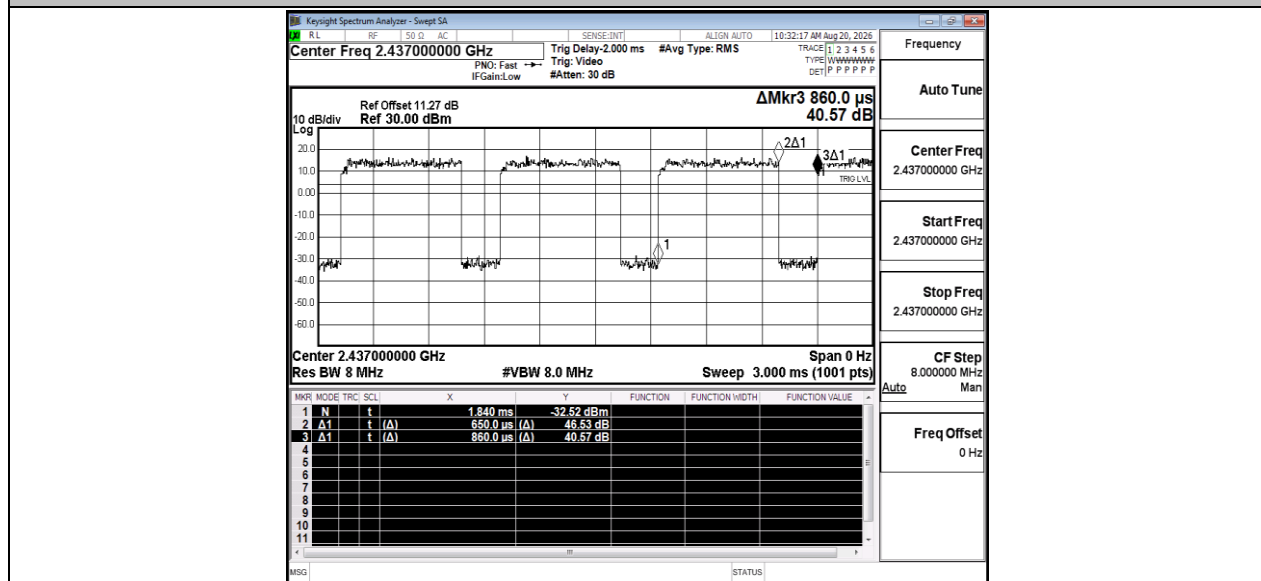
11N20SISO_Ant1_2462



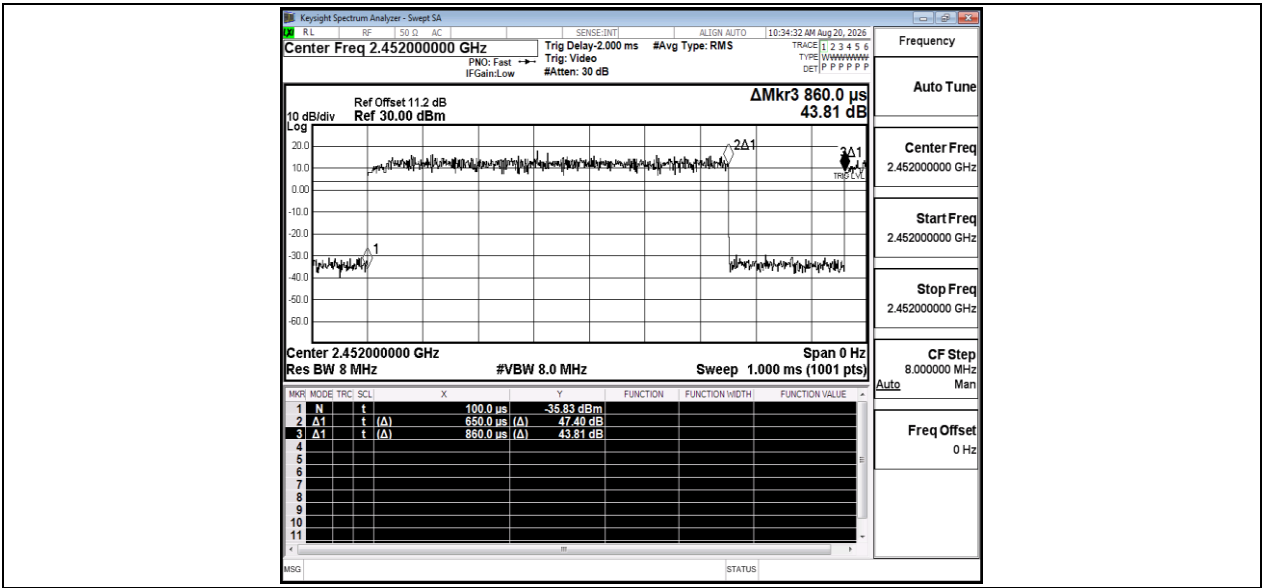
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



C.7 Emissions in Restricted Bands

Test Result

Test Mode	Antenna	Channel Name	Frequency [MHz]	Detect or	Freq [MHz]	Result [dBm]	Limit [dBm]	Gain [dBi]	DC Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant1	Low	2412	AV	2310.000	-47.85	≤-43.30	5.01	0.1	52.52	≤54	PASS
				AV	2387.490	-47.16	≤-43.30	5.01	0.1	53.21	≤54	PASS
				AV	2390.000	-48.06	≤-43.30	5.01	0.1	52.31	≤54	PASS
				Peak	2310.000	-40.7	≤-23.20	5.01	0	59.57	≤74	PASS
				Peak	2354.080	-37.11	≤-23.20	5.01	0	63.16	≤74	PASS
				Peak	2390.000	-38.98	≤-23.20	5.01	0	61.29	≤74	PASS
		High	2462	AV	2483.500	-47.67	≤-43.31	5.01	0.11	52.71	≤54	PASS
				AV	2487.300	-46.52	≤-43.31	5.01	0.11	53.86	≤54	PASS
				AV	2500.000	-47.98	≤-43.31	5.01	0.11	52.40	≤54	PASS
				Peak	2483.500	-40.75	≤-23.20	5.01	0	59.52	≤74	PASS
				Peak	2487.410	-36.85	≤-23.20	5.01	0	63.42	≤74	PASS
				Peak	2500.000	-40.93	≤-23.20	5.01	0	59.34	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-48.16	≤-43.81	5.01	0.61	52.72	≤54	PASS
				AV	2351.090	-47.09	≤-43.81	5.01	0.61	53.79	≤54	PASS
				AV	2390.000	-47.96	≤-43.81	5.01	0.61	52.92	≤54	PASS
				Peak	2310.000	-40.66	≤-23.20	5.01	0	59.61	≤74	PASS
				Peak	2377.090	-36.69	≤-23.20	5.01	0	63.58	≤74	PASS
				Peak	2390.000	-40.29	≤-23.20	5.01	0	59.98	≤74	PASS
		High	2462	AV	2483.500	-56.67	≤-43.81	5.01	0.61	44.21	≤54	PASS
				AV	2483.670	-56.61	≤-43.81	5.01	0.61	44.27	≤54	PASS
				AV	2500.000	-47.99	≤-43.81	5.01	0.61	52.89	≤54	PASS
				Peak	2483.500	-38.46	≤-23.20	5.01	0	61.81	≤74	PASS
				Peak	2491.920	-37.34	≤-23.20	5.01	0	62.93	≤74	PASS
				Peak	2500.000	-39.65	≤-23.20	5.01	0	60.62	≤74	PASS
11N20 SISO	Ant1	Low	2412	AV	2310.000	-48.16	≤-43.85	5.01	0.65	52.76	≤54	PASS
				AV	2375.400	-47.12	≤-43.85	5.01	0.65	53.80	≤54	PASS
				AV	2390.000	-47.76	≤-43.85	5.01	0.65	53.16	≤54	PASS
				Peak	2310.000	-39.8	≤-23.20	5.01	0	60.47	≤74	PASS
				Peak	2352.520	-37.27	≤-23.20	5.01	0	63.00	≤74	PASS
				Peak	2390.000	-39.9	≤-23.20	5.01	0	60.37	≤74	PASS
		High	2462	AV	2483.500	-56.05	≤-43.82	5.01	0.62	44.84	≤54	PASS
				AV	2483.670	-56.21	≤-43.82	5.01	0.62	44.68	≤54	PASS
				AV	2500.000	-47.76	≤-43.82	5.01	0.62	53.13	≤54	PASS
				Peak	2483.500	-36.71	≤-23.20	5.01	0	63.56	≤74	PASS
				Peak	2499.620	-36.11	≤-23.20	5.01	0	64.16	≤74	PASS
				Peak	2500.000	-38.33	≤-23.20	5.01	0	61.94	≤74	PASS
11N40	Ant1	Low	2422	AV	2310.000	-48.1	≤-44.43	5.01	1.23	53.40	≤54	PASS

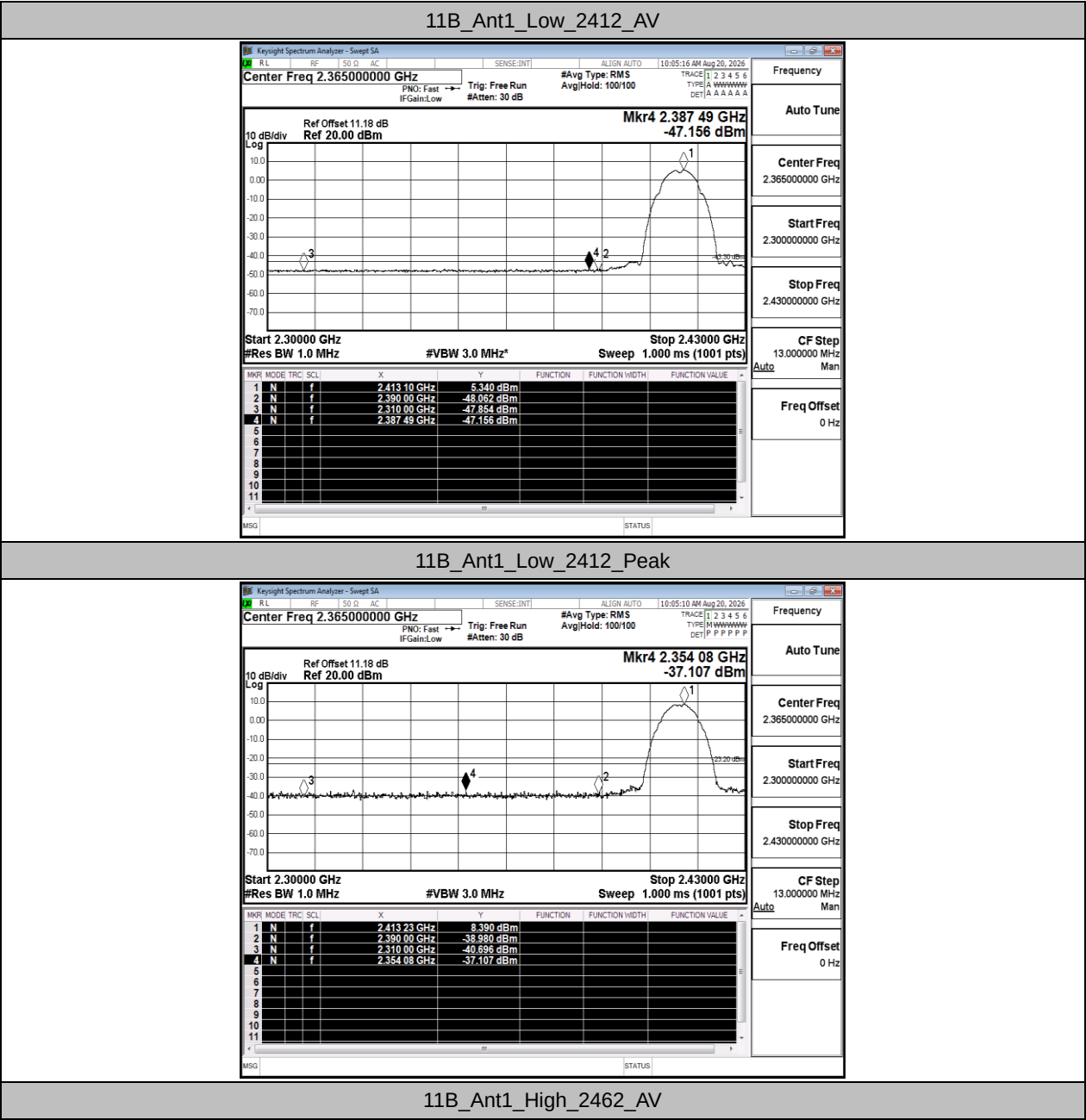
SISO				AV	2388.350	-56.46	≤-44.43	5.01	1.23	45.04	≤54	PASS
				AV	2390.000	-56.72	≤-44.43	5.01	1.23	44.78	≤54	PASS
				Peak	2310.000	-40.21	≤-23.20	5.01	0	60.06	≤74	PASS
				Peak	2317.400	-37.13	≤-23.20	5.01	0	63.14	≤74	PASS
				Peak	2390.000	-38.64	≤-23.20	5.01	0	61.63	≤74	PASS
		High	2452	AV	2483.500	-56.34	≤-44.42	5.01	1.22	45.15	≤54	PASS
				AV	2484.750	-55.75	≤-44.42	5.01	1.22	45.74	≤54	PASS
				AV	2500.000	-57.26	≤-44.42	5.01	1.22	44.23	≤54	PASS
				Peak	2483.500	-39.86	≤-23.20	5.01	0	60.41	≤74	PASS
				Peak	2484.625	-36.75	≤-23.20	5.01	0	63.52	≤74	PASS
				Peak	2500.000	-38.88	≤-23.20	5.01	0	61.39	≤74	PASS

Note :offset=System attenuation +cable loss

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_Peak

Frequency

Auto Tune

Center Freq 2.365000000 GHz

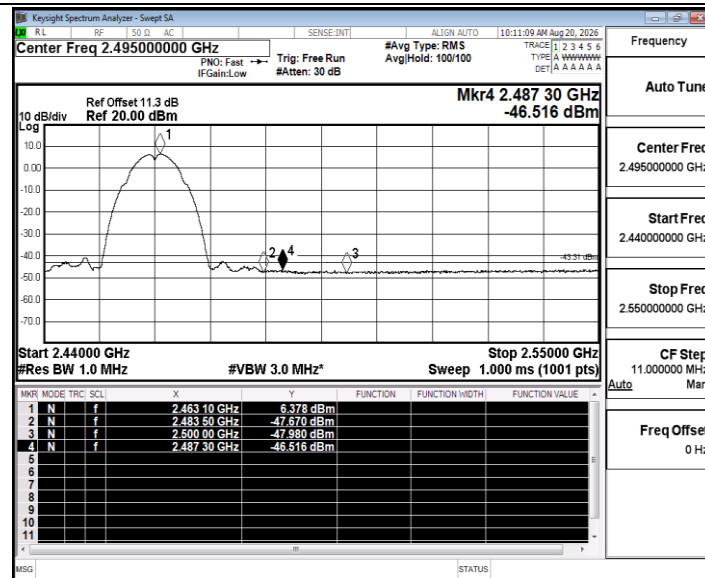
Start Freq 2.300000000 GHz

Stop Freq 2.430000000 GHz

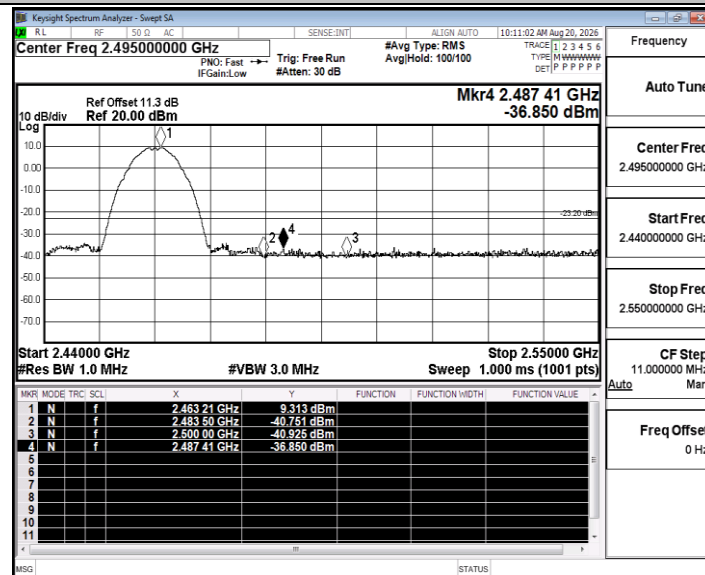
CF Step 13.000000 MHz

Freq Offset 0 Hz

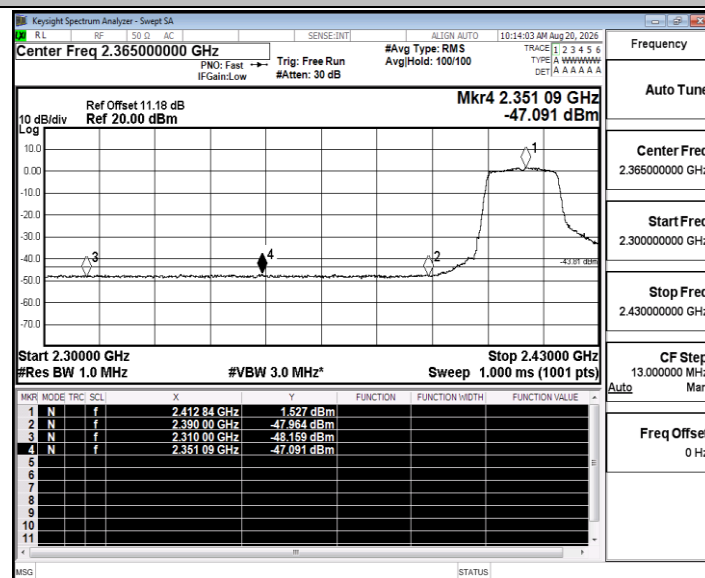
11B_Ant1_High_2462_AV



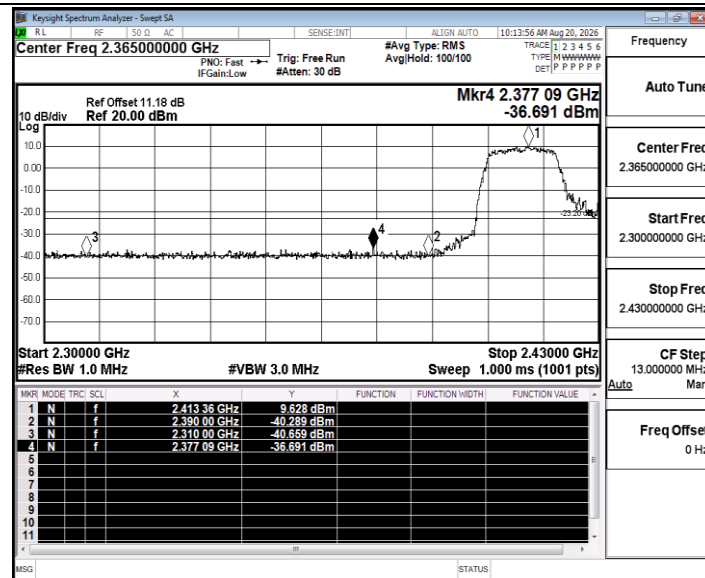
11B_Ant1_High_2462_Peak



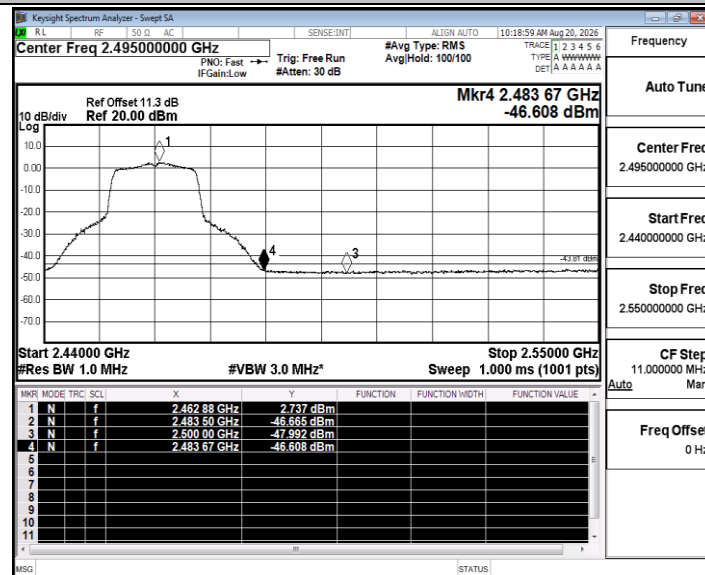
11G_Ant1_Low_2412_AV



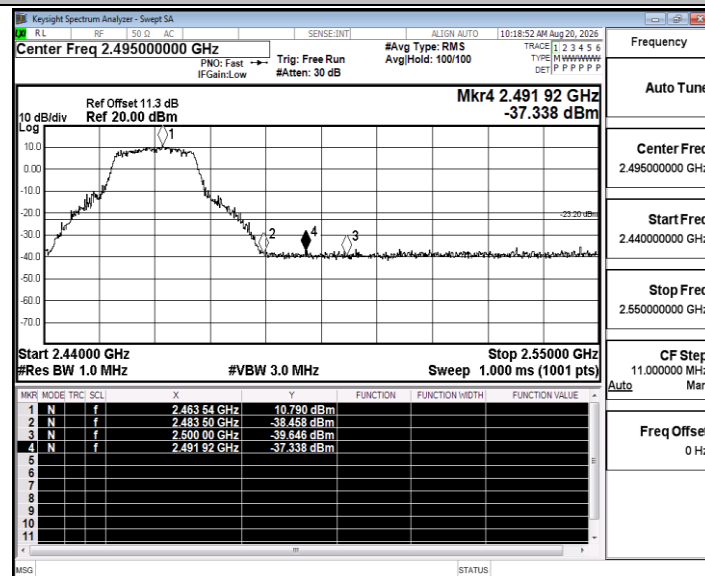
11G_Ant1_Low_2412_Peak



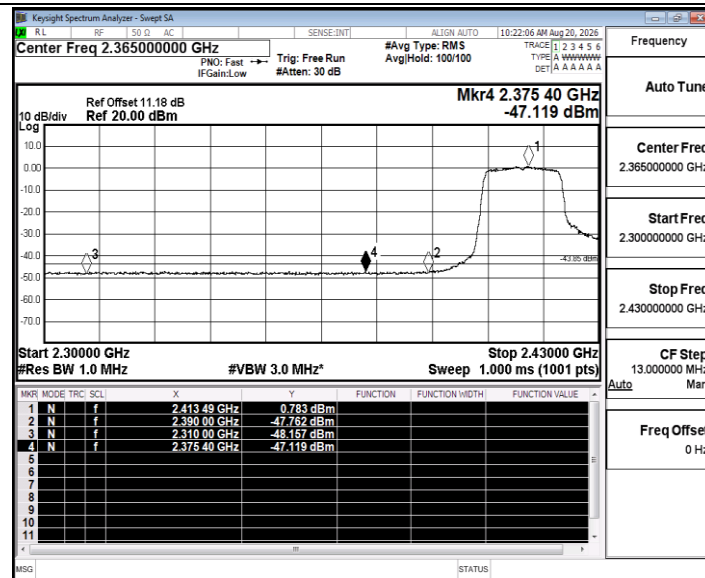
11G_Ant1_High_2462_AV



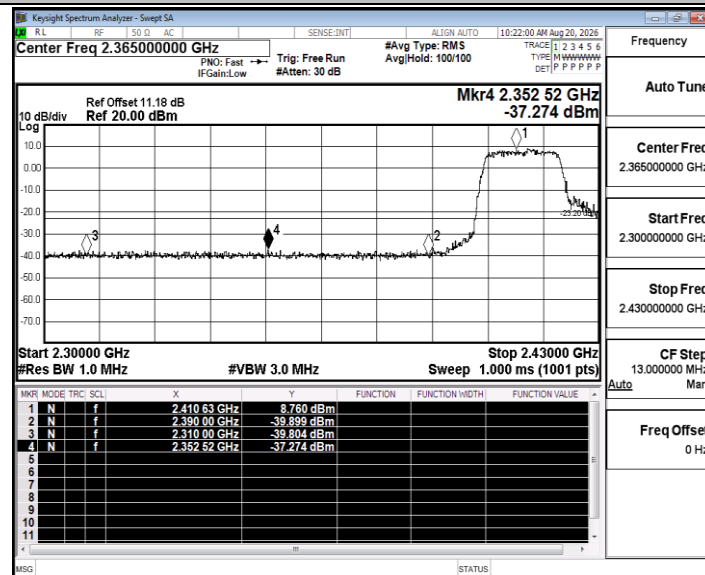
11G_Ant1_High_2462_Peak



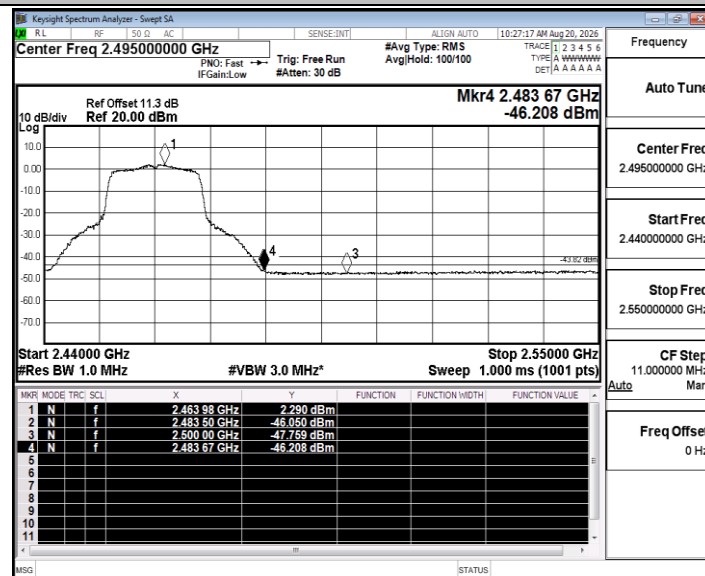
11N20SISO_Ant1_Low_2412_AV



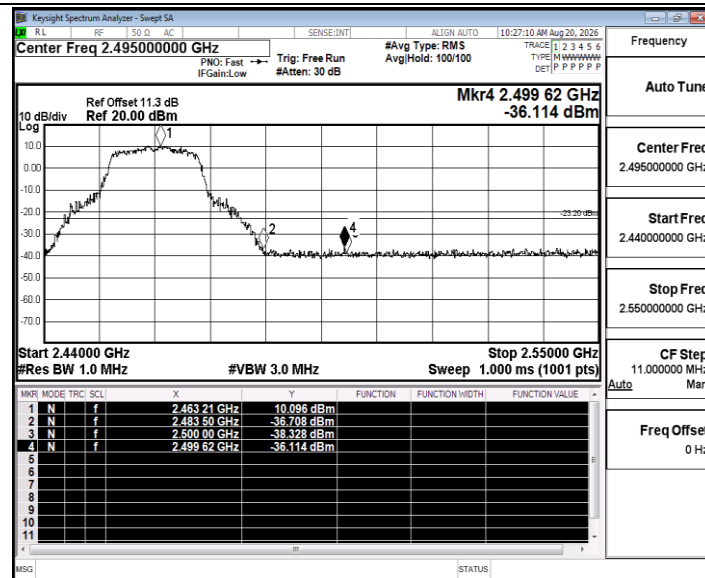
11N20SISO_Ant1_Low_2412_Peak



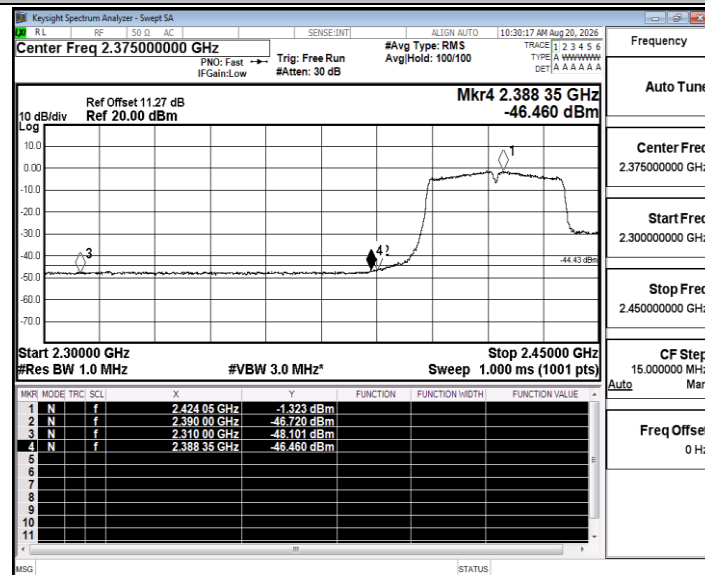
11N20SISO_Ant1_High_2462_AV



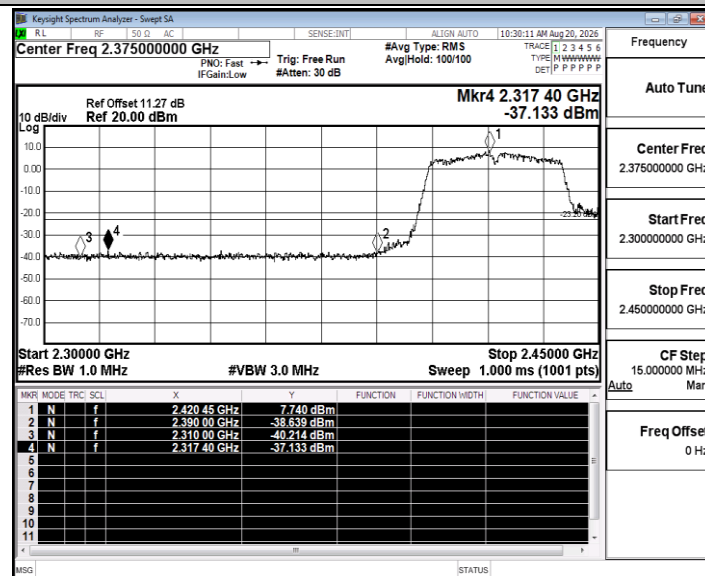
11N20SISO_Ant1_High_2462_Peak



11N40SISO_Ant1_Low_2422_AV



11N40SISO_Ant1_Low_2422_Peak



11N40SISO_Ant1_High_2452_AV

