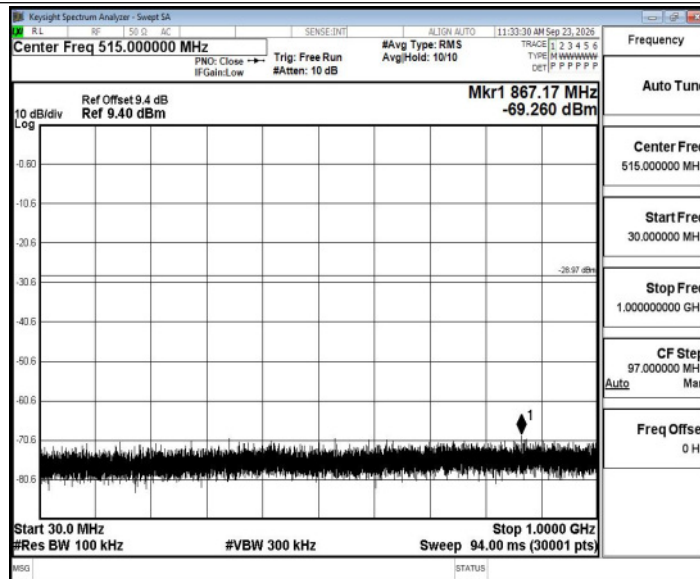
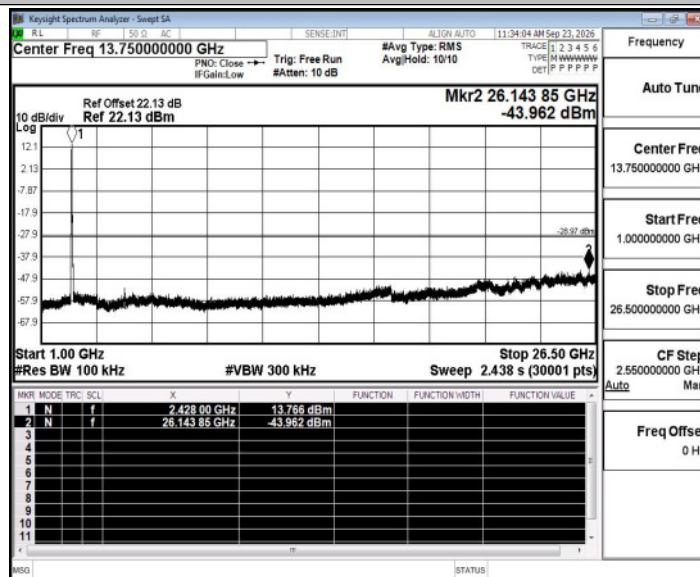
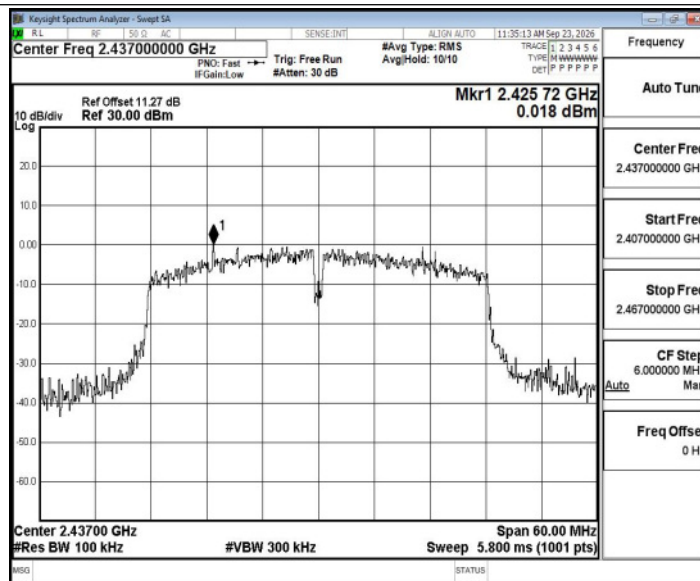




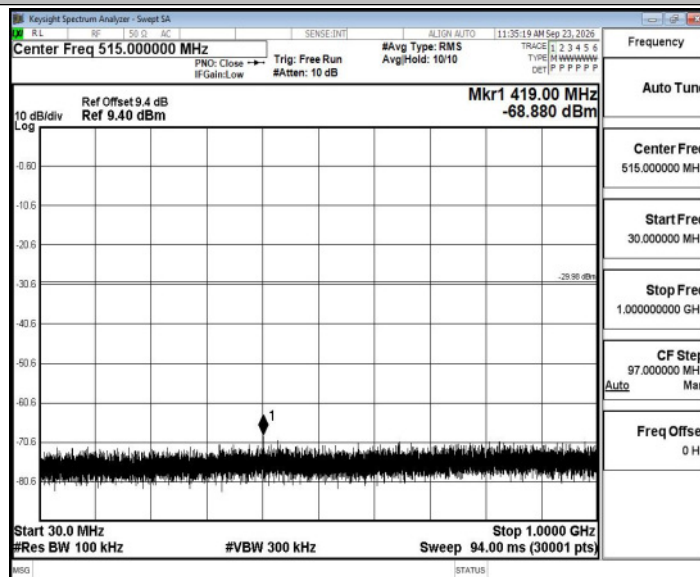
11N40SISO_Ant1_2422_1000~26500



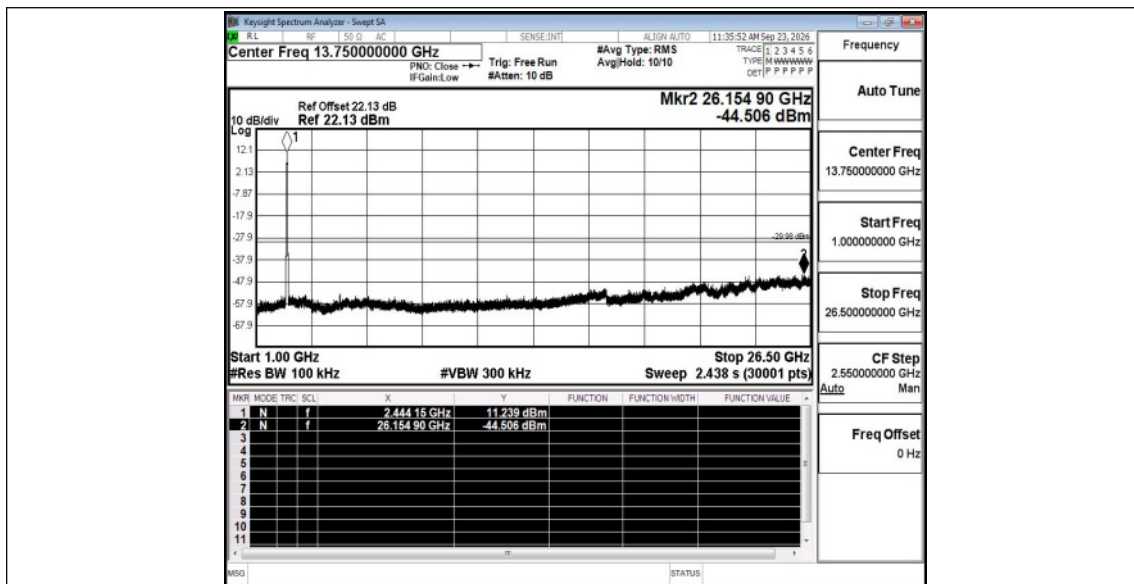
11N40SISO_Ant1_2437_0~Reference



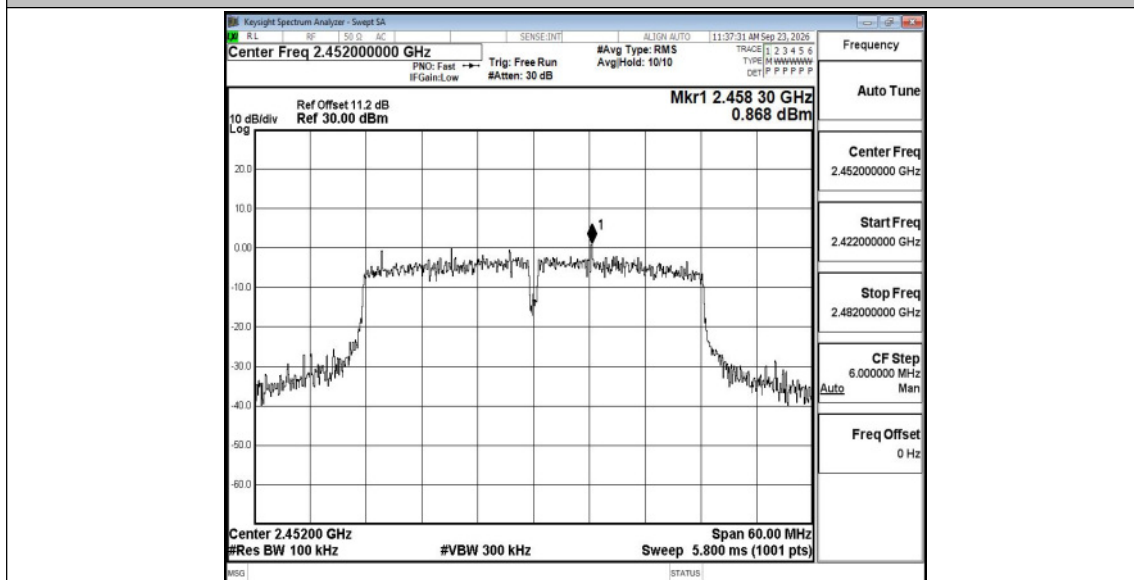
11N40SISO_Ant1_2437_30~1000



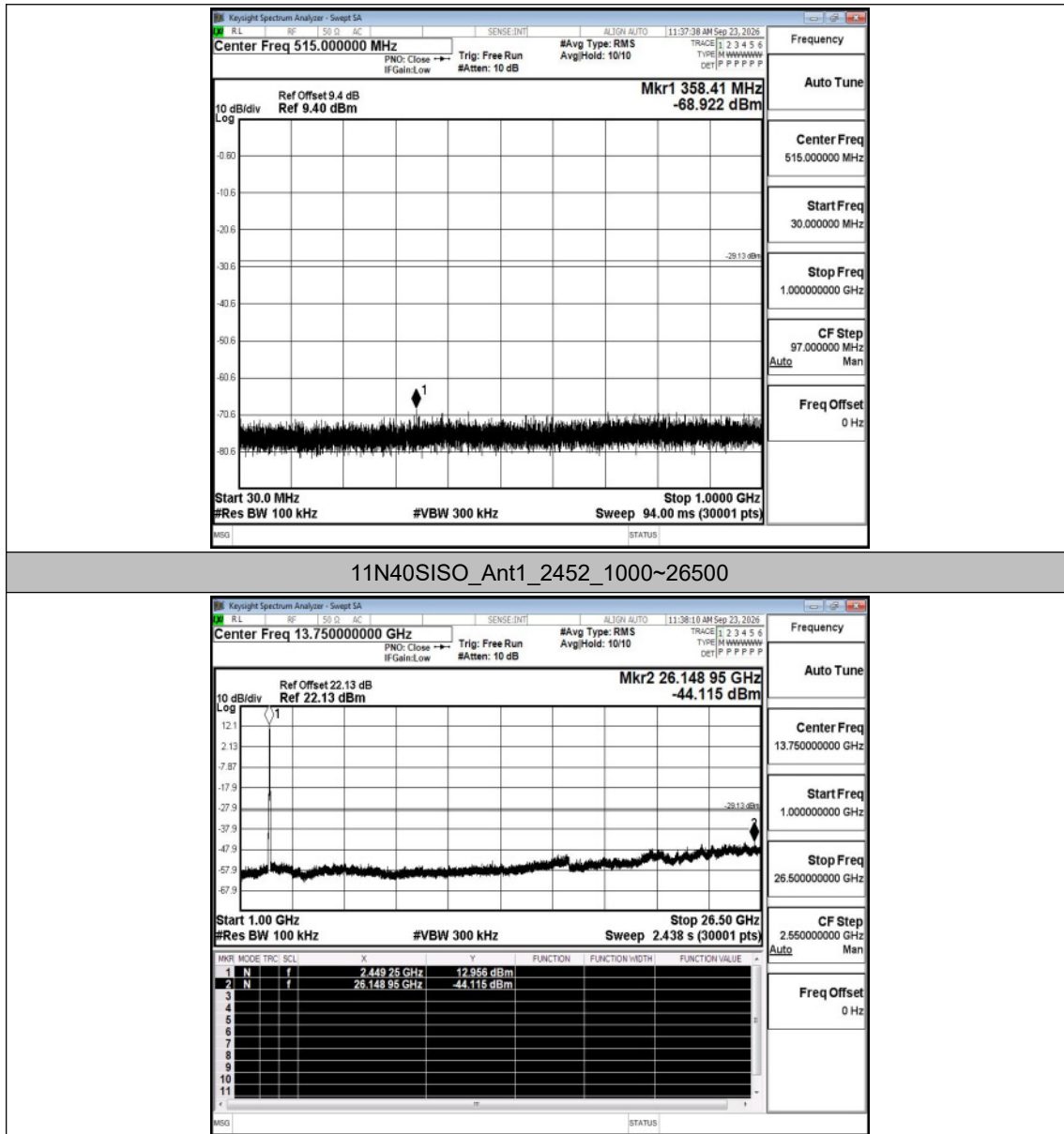
11N40SISO_Ant1_2437_1000~26500



11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



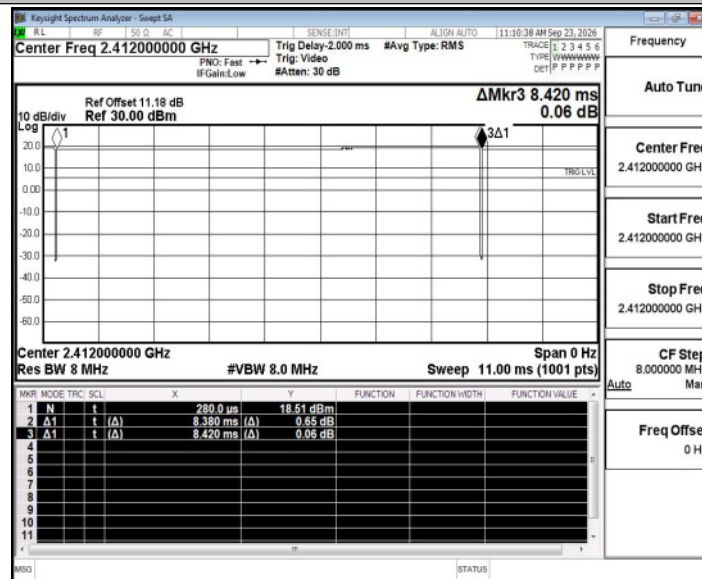
A.6 Duty Cycle

Test Result

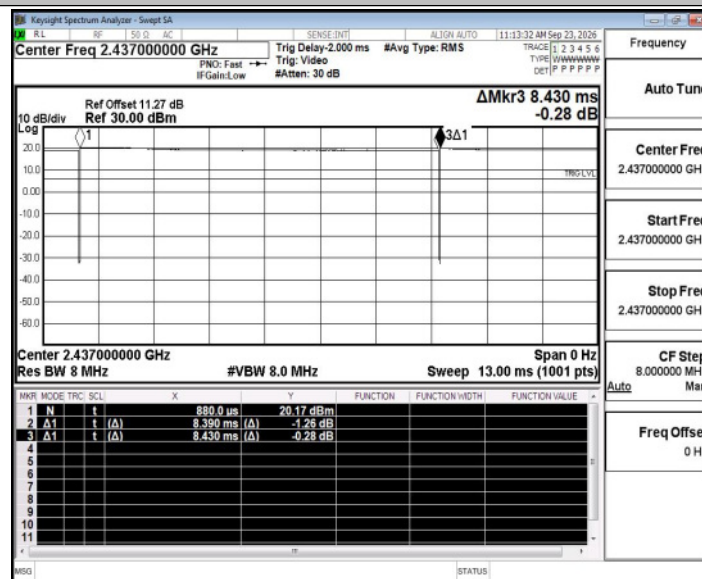
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	xFactor
11B	Ant1	2412	8.38	8.42	99.52	0.02
		2437	8.39	8.43	99.53	0.02
		2462	8.38	8.42	99.52	0.02
11G	Ant1	2412	1.39	1.43	97.20	0.12
		2437	1.39	1.44	96.53	0.15
		2462	1.40	1.44	97.22	0.12
11N20SISO	Ant1	2412	1.30	1.34	97.01	0.13
		2437	1.30	1.34	97.01	0.13
		2462	1.30	1.34	97.01	0.13
11N40SISO	Ant1	2422	0.65	0.69	94.20	0.26
		2437	0.65	0.69	94.20	0.26
		2452	0.65	0.70	92.86	0.32

Test Graphs

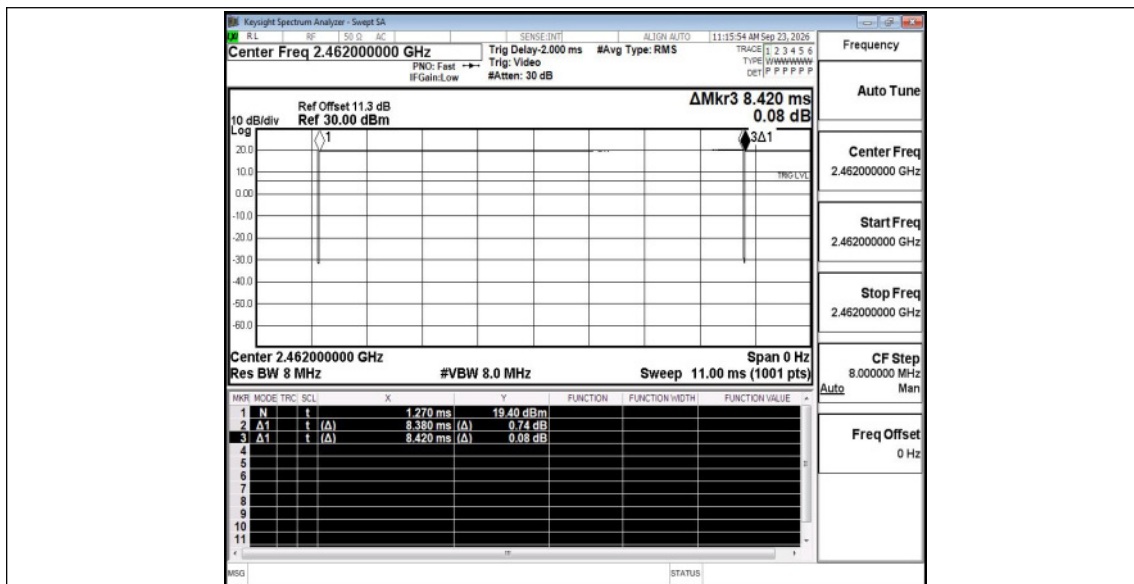
11B_Ant1_2412



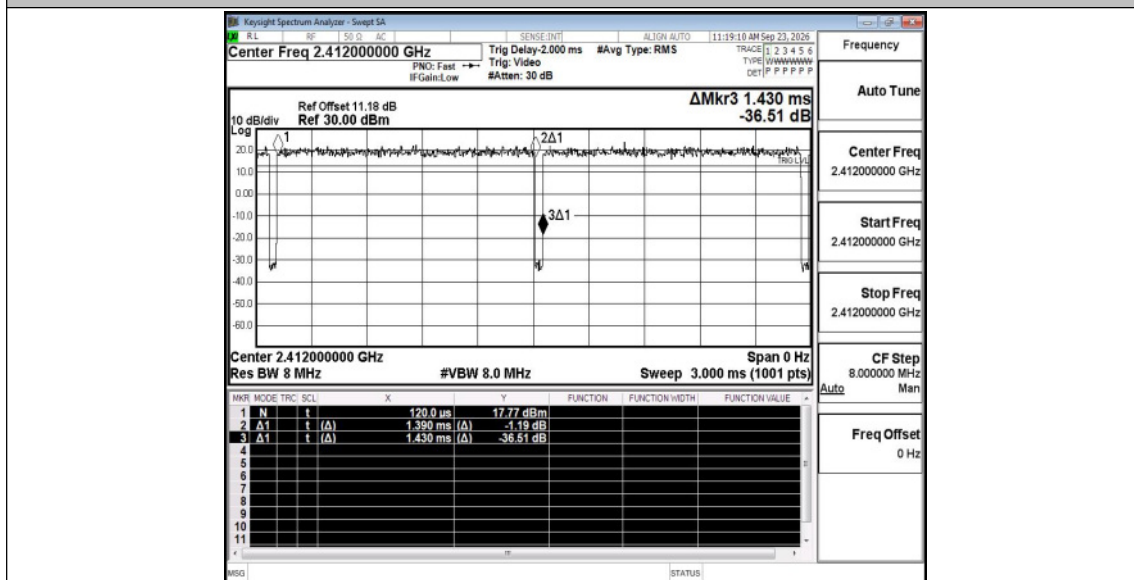
11B_Ant1_2437



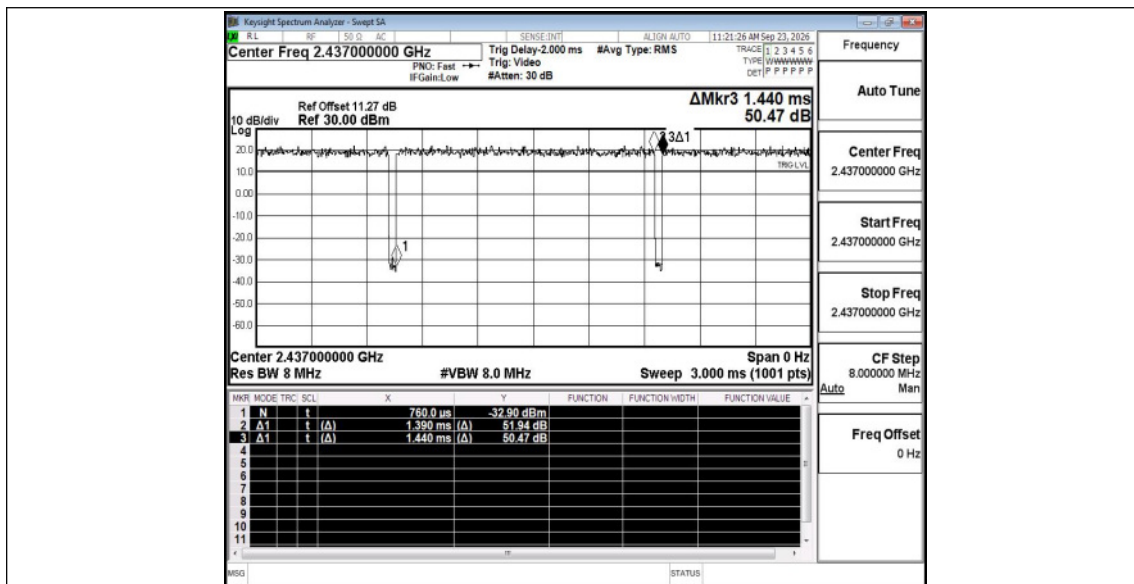
11B_Ant1_2462



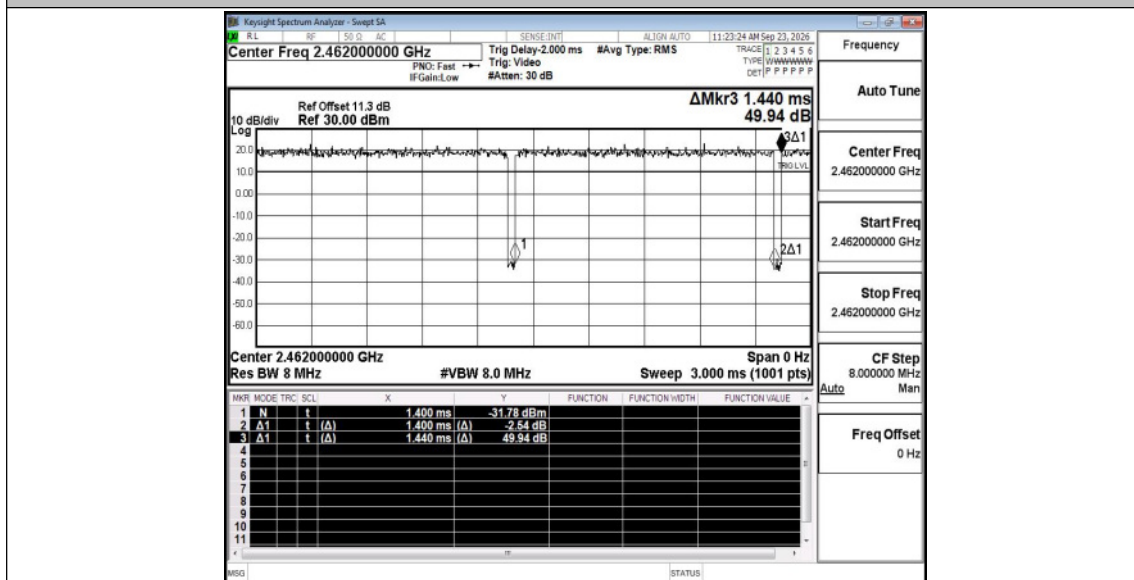
11G_Ant1_2412



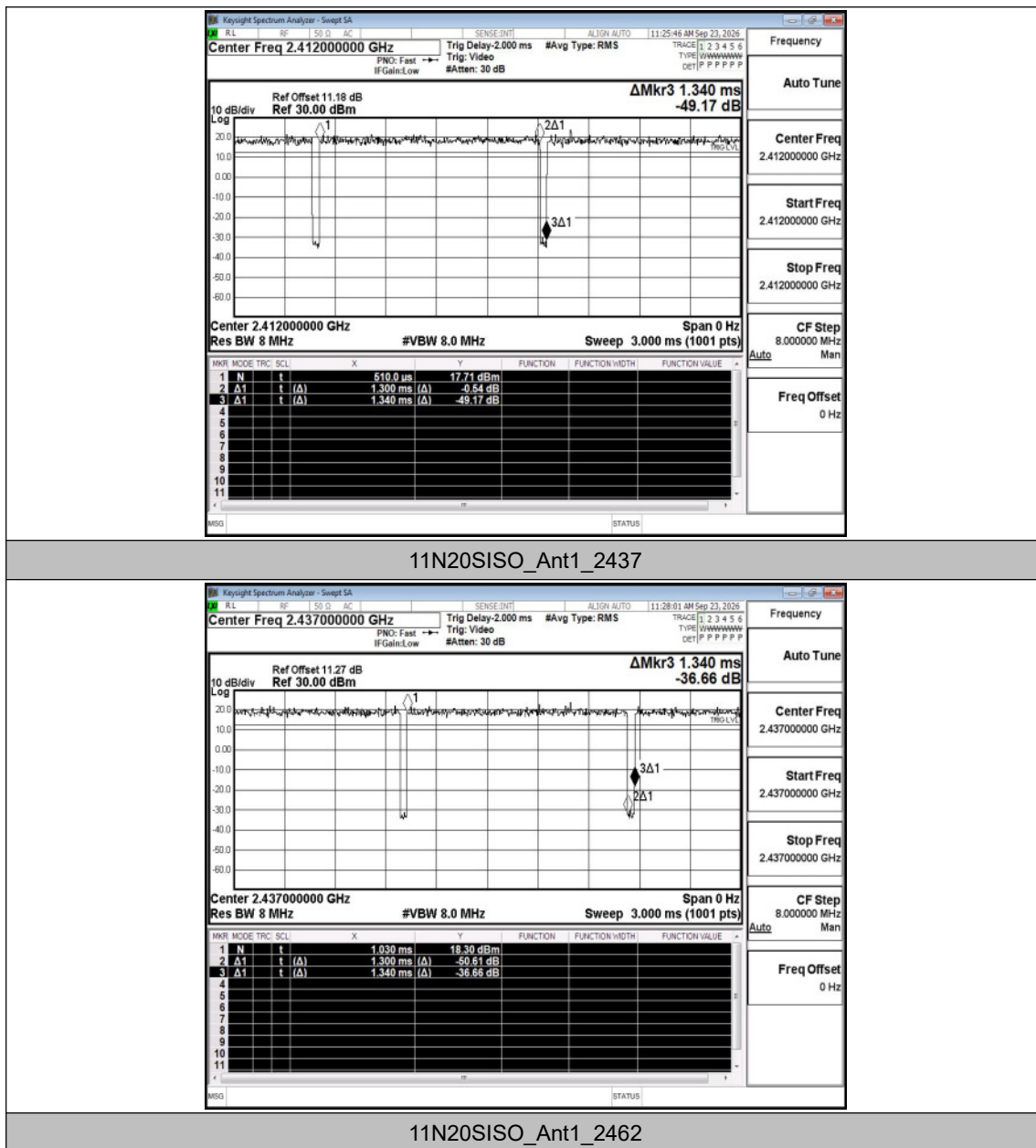
11G_Ant1_2437

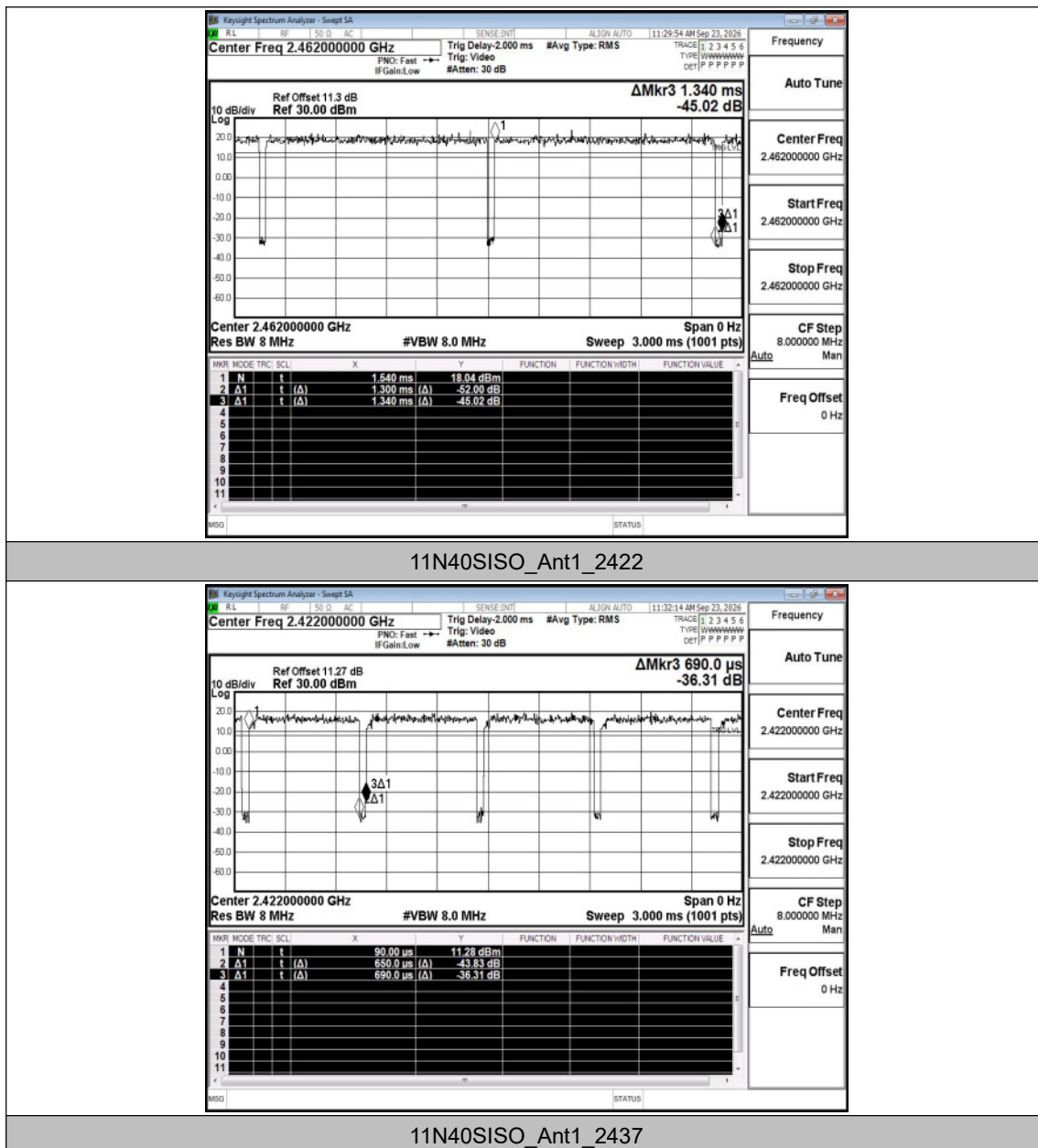


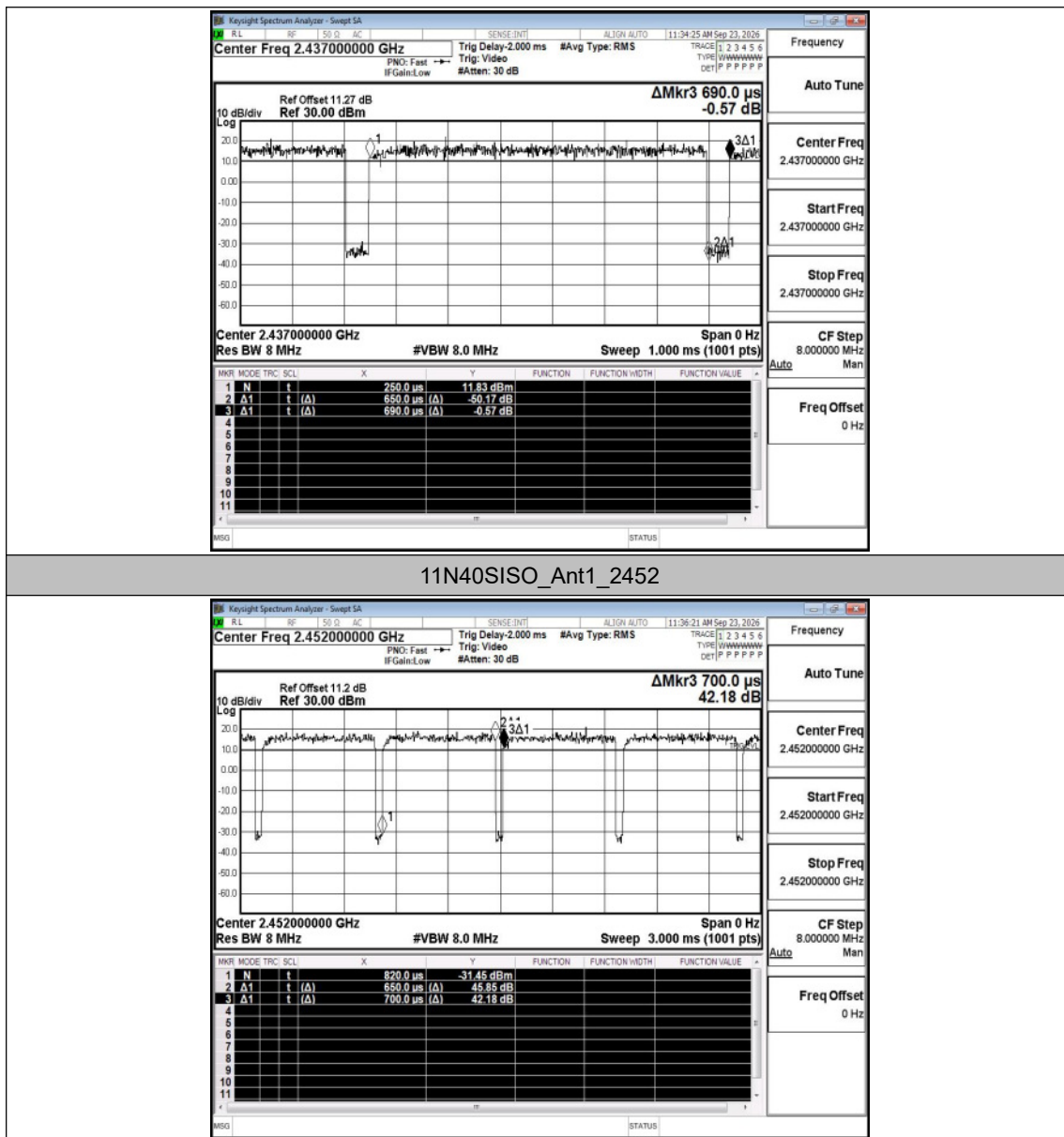
11G_Ant1_2462



11N20SISO_Ant1_2412







A.7 Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	Detector	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	-47.9	≤-43.22	2.00	0.02	49.32	≤54	PASS
				AV	2321.710	-44.76	≤-43.22	2.00	0.02	52.46	≤54	PASS
				AV	2390.000	-47.35	≤-43.22	2.00	0.02	49.87	≤54	PASS
				Peak	2310.000	-45.52	≤-23.20	2.00	0.00	51.68	≤74	PASS
				Peak	2344.330	-38.01	≤-23.20	2.00	0.00	59.19	≤74	PASS
				Peak	2390.000	-42.27	≤-23.20	2.00	0.00	54.93	≤74	PASS
		High	2462	AV	2483.500	-46.38	≤-43.22	2.00	0.02	50.84	≤54	PASS
				AV	2495.550	-45.21	≤-43.22	2.00	0.02	52.01	≤54	PASS
				AV	2500.000	-47.41	≤-43.22	2.00	0.02	49.81	≤54	PASS
				Peak	2483.500	-40.27	≤-23.20	2.00	0.00	56.93	≤74	PASS
				Peak	2486.530	-36.55	≤-23.20	2.00	0.00	60.65	≤74	PASS
				Peak	2500.000	-40.83	≤-23.20	2.00	0.00	56.37	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-51.7	≤-43.32	2.00	0.12	45.62	≤54	PASS
				AV	2311.180	-51.09	≤-43.32	2.00	0.12	46.23	≤54	PASS
				AV	2390.000	-51.45	≤-43.32	2.00	0.12	45.87	≤54	PASS
				Peak	2310.000	-43.7	≤-23.20	2.00	0.00	53.50	≤74	PASS
				Peak	2359.020	-40.85	≤-23.20	2.00	0.00	56.35	≤74	PASS
				Peak	2390.000	-42.79	≤-23.20	2.00	0.00	54.41	≤74	PASS
		High	2462	AV	2483.500	-51.06	≤-43.32	2.00	0.12	46.26	≤54	PASS
				AV	2494.340	-50.49	≤-43.32	2.00	0.12	46.83	≤54	PASS
				AV	2500.000	-51.05	≤-43.32	2.00	0.12	46.27	≤54	PASS
				Peak	2483.500	-43.81	≤-23.20	2.00	0.00	53.39	≤74	PASS
				Peak	2484.550	-40.93	≤-23.20	2.00	0.00	56.27	≤74	PASS
				Peak	2500.000	-44.54	≤-23.20	2.00	0.00	52.66	≤74	PASS
11N20SISO	Ant1	Low	2412	AV	2310.000	-52.37	≤-43.33	2.00	0.13	44.96	≤54	PASS
				AV	2389.830	-50.32	≤-43.33	2.00	0.13	47.01	≤54	PASS
				AV	2390.000	-50.41	≤-43.33	2.00	0.13	46.92	≤54	PASS
				Peak	2310.000	-44.13	≤-23.20	2.00	0.00	53.07	≤74	PASS
				Peak	2389.570	-40.54	≤-23.20	2.00	0.00	56.66	≤74	PASS
				Peak	2390.000	-41.58	≤-23.20	2.00	0.00	55.62	≤74	PASS
		High	2462	AV	2483.500	-49.94	≤-43.33	2.00	0.13	47.39	≤54	PASS
				AV	2483.780	-49.72	≤-43.33	2.00	0.13	47.61	≤54	PASS
				AV	2500.000	-51.35	≤-43.33	2.00	0.13	45.98	≤54	PASS
				Peak	2483.500	-40.58	≤-23.20	2.00	0.00	56.62	≤74	PASS
				Peak	2495.110	-39.94	≤-23.20	2.00	0.00	57.26	≤74	PASS

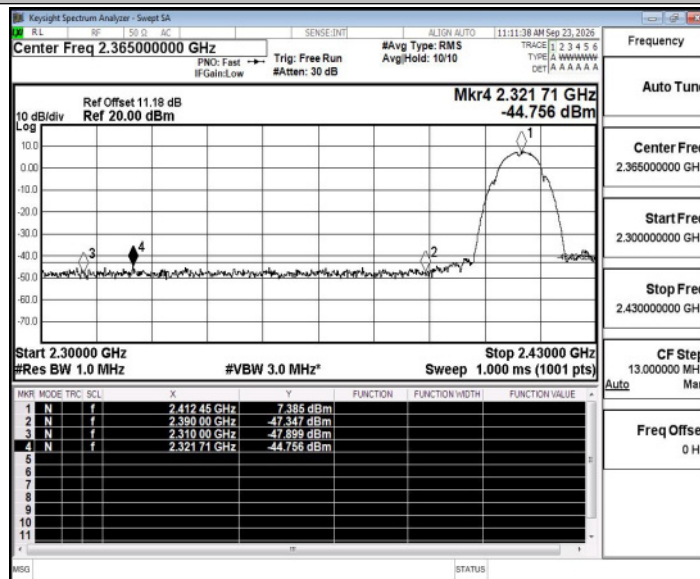
				Peak	2500.000	-43.47	≤-23.20	2.00	0.00	53.73	≤74	PASS
11N40SISO	Ant1	Low	2422	AV	2310.000	-52.06	≤-43.46	2.00	0.26	45.40	≤54	PASS
				AV	2389.700	-49.77	≤-43.46	2.00	0.26	47.69	≤54	PASS
				AV	2390.000	-49.83	≤-43.46	2.00	0.26	47.63	≤54	PASS
				Peak	2310.000	-43.83	≤-23.20	2.00	0.00	53.37	≤74	PASS
				Peak	2389.100	-35.53	≤-23.20	2.00	0.00	61.67	≤74	PASS
				Peak	2390.000	-42.61	≤-23.20	2.00	0.00	54.59	≤74	PASS
		High	2452	AV	2483.500	-49.53	≤-43.52	2.00	0.32	47.99	≤54	PASS
				AV	2486.250	-48.23	≤-43.52	2.00	0.32	49.29	≤54	PASS
				AV	2500.000	-50.67	≤-43.52	2.00	0.32	46.85	≤54	PASS
				Peak	2483.500	-43.84	≤-23.20	2.00	0.00	53.36	≤74	PASS
				Peak	2483.750	-30.85	≤-23.20	2.00	0.00	66.35	≤74	PASS
				Peak	2500.000	-42.57	≤-23.20	2.00	0.00	54.63	≤74	PASS

Note:

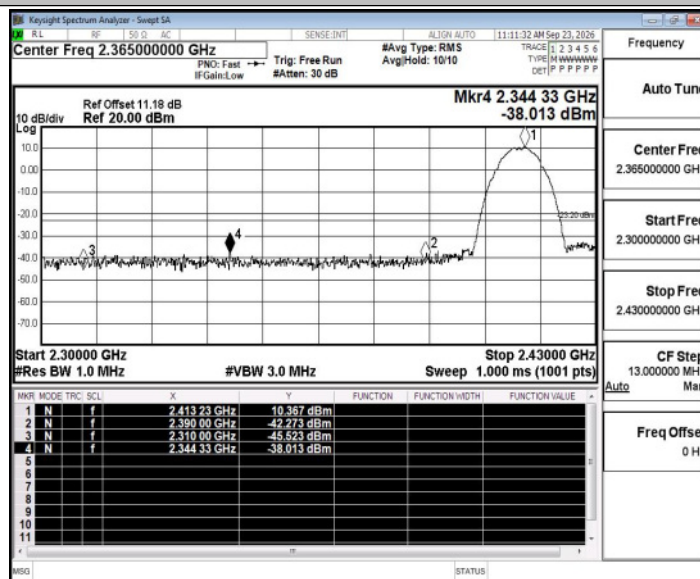
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

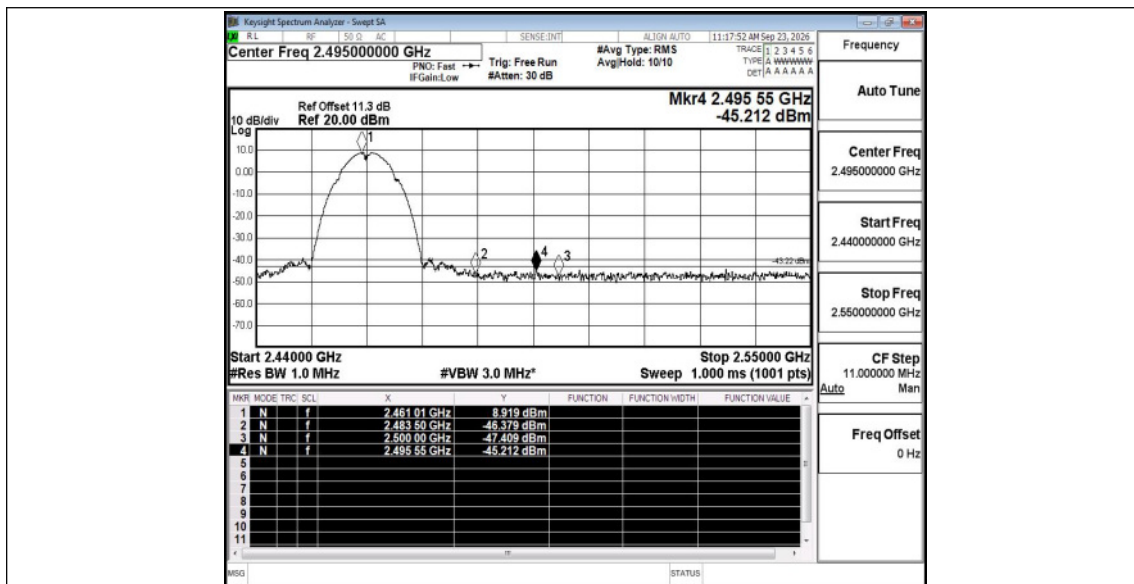
11B_Ant1_Low_2412_AV



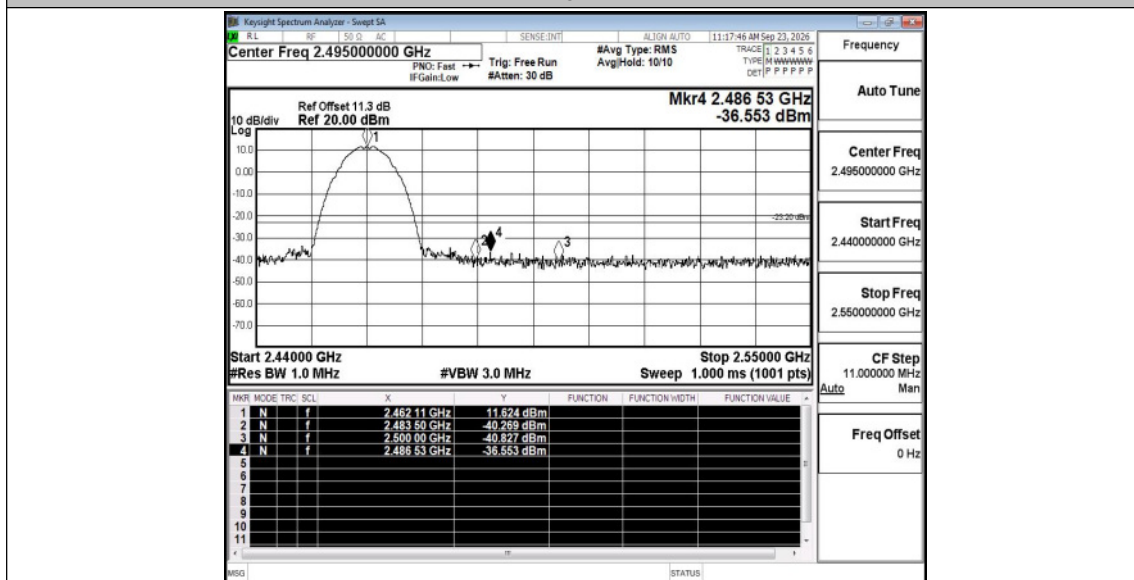
11B_Ant1_Low_2412_Peak



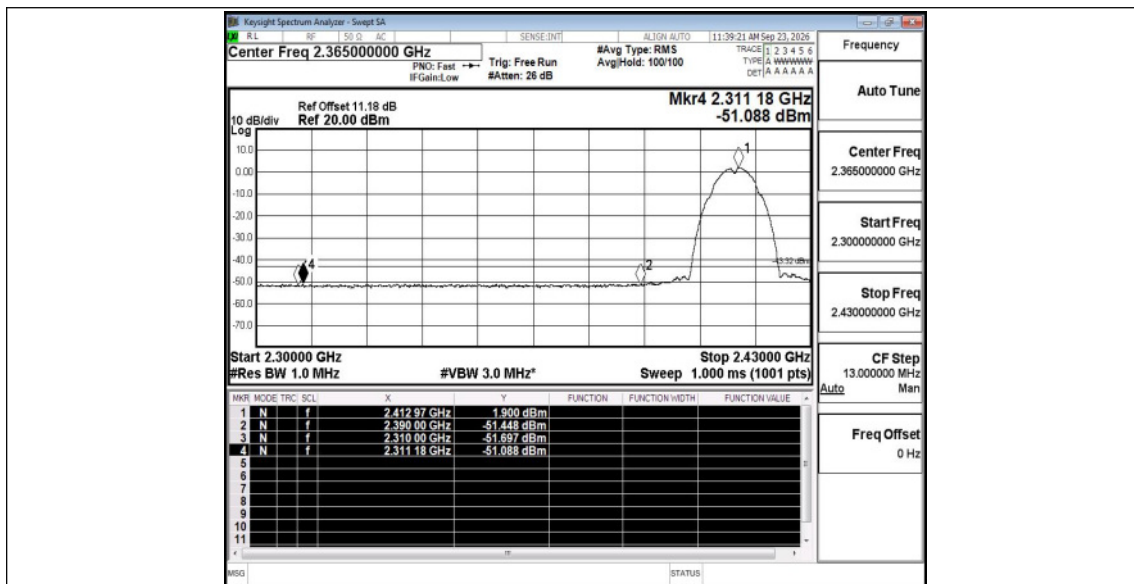
11B_Ant1_High_2462_AV



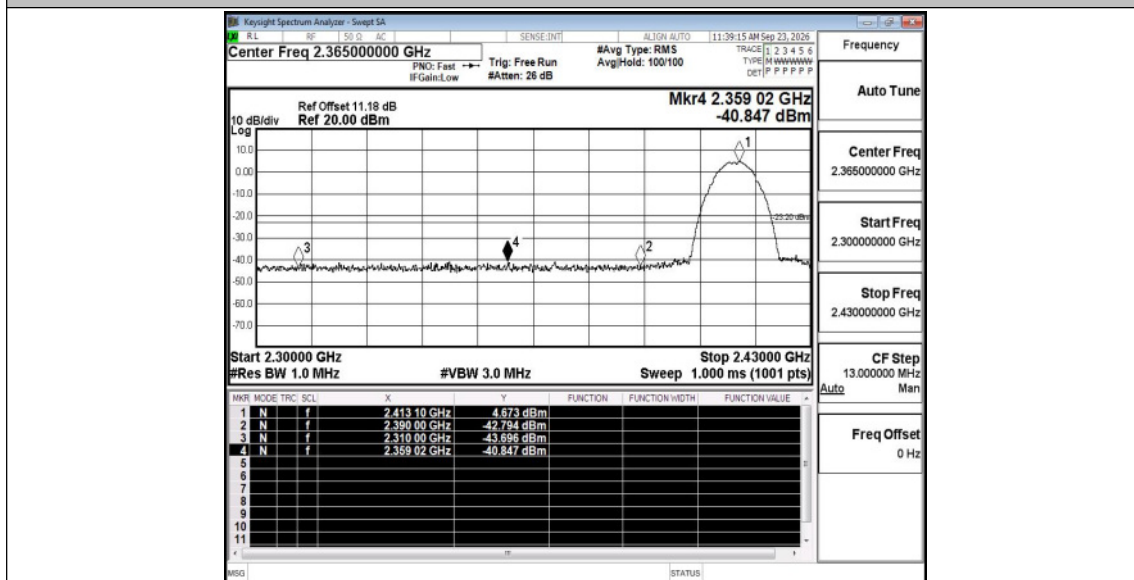
11B_Ant1_High_2462_Peak



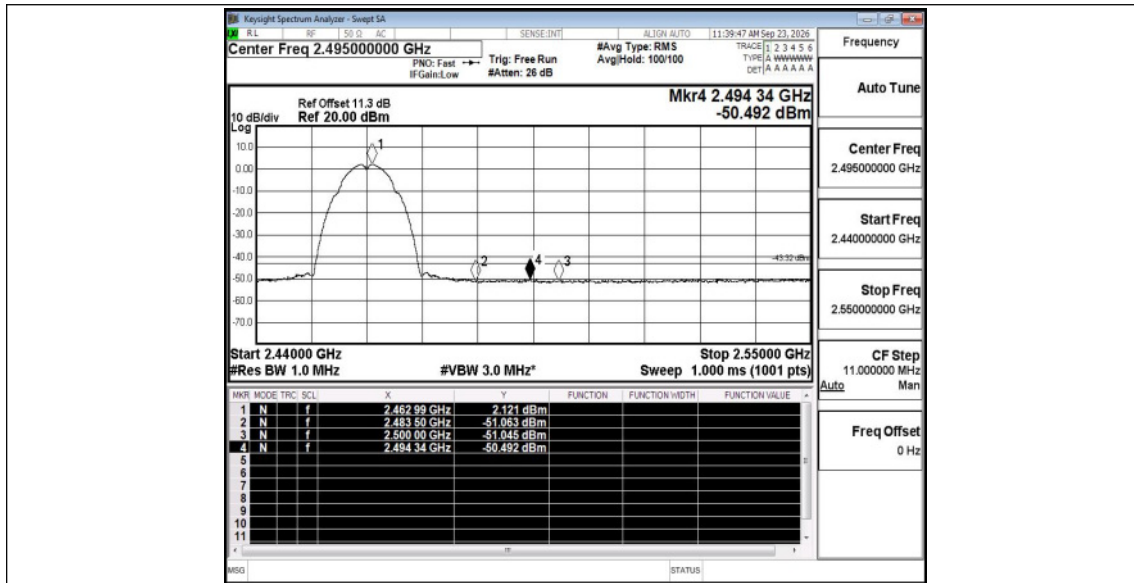
11G_Ant1_Low_2412_AV



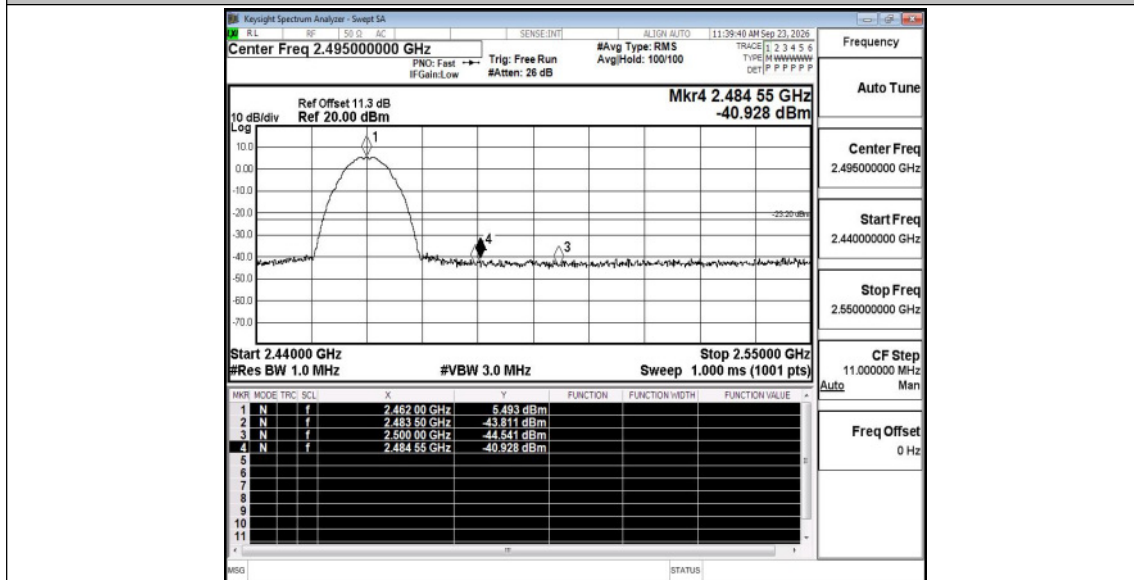
11G_Ant1_Low_2412_Peak



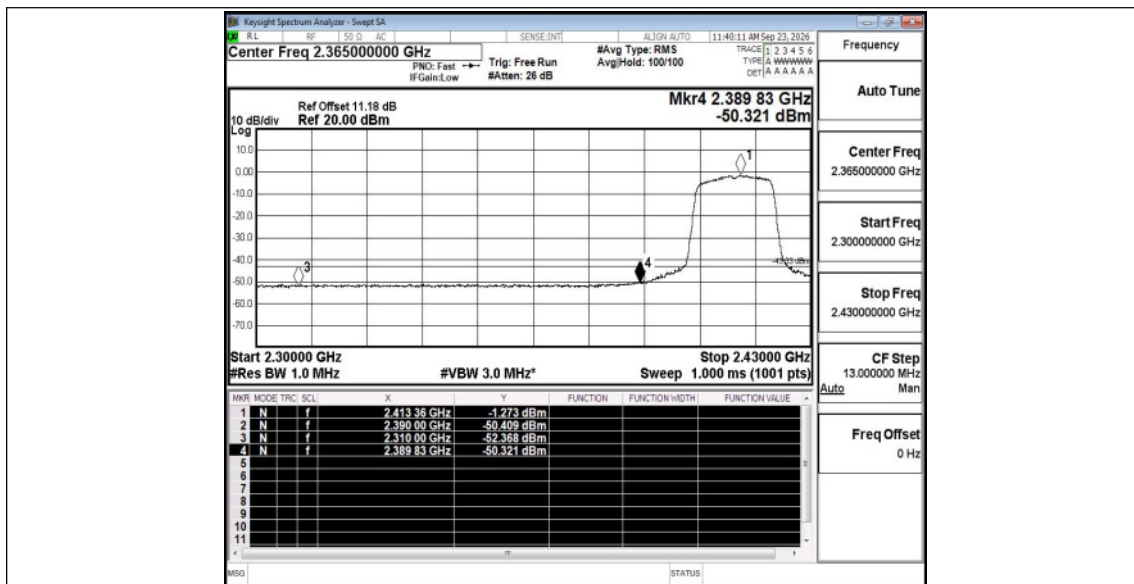
11G_Ant1_High_2462_AV



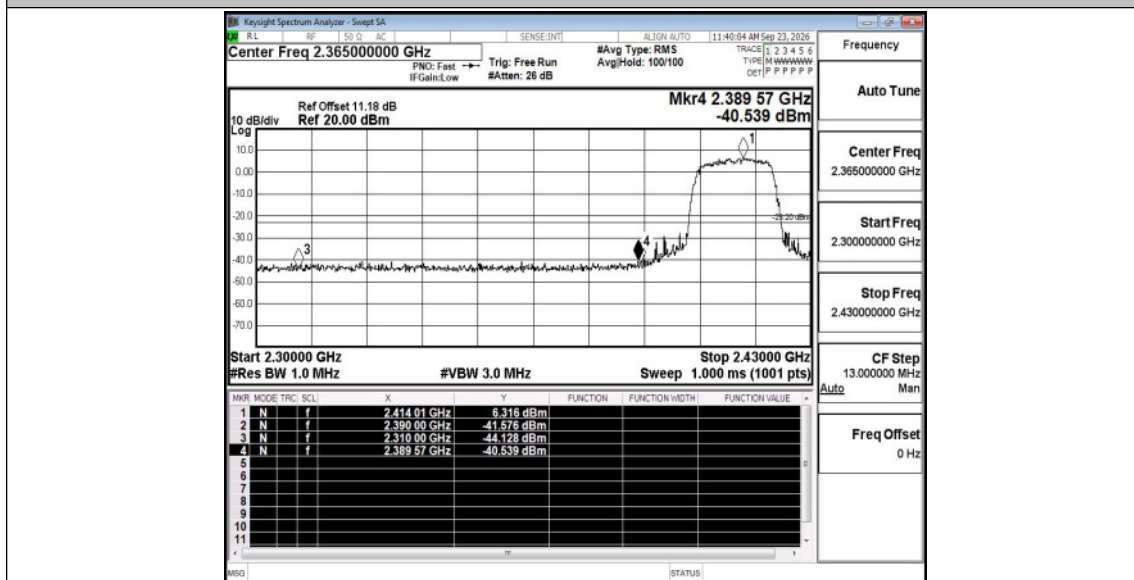
11G_Ant1_High_2462_Peak



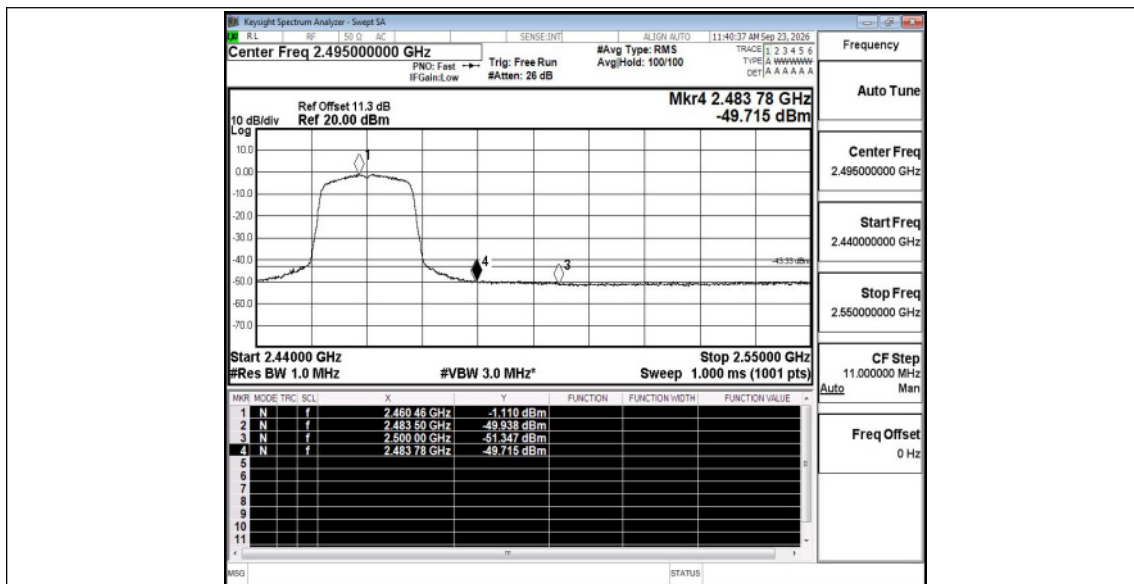
11N20SISO_Ant1_Low_2412_AV



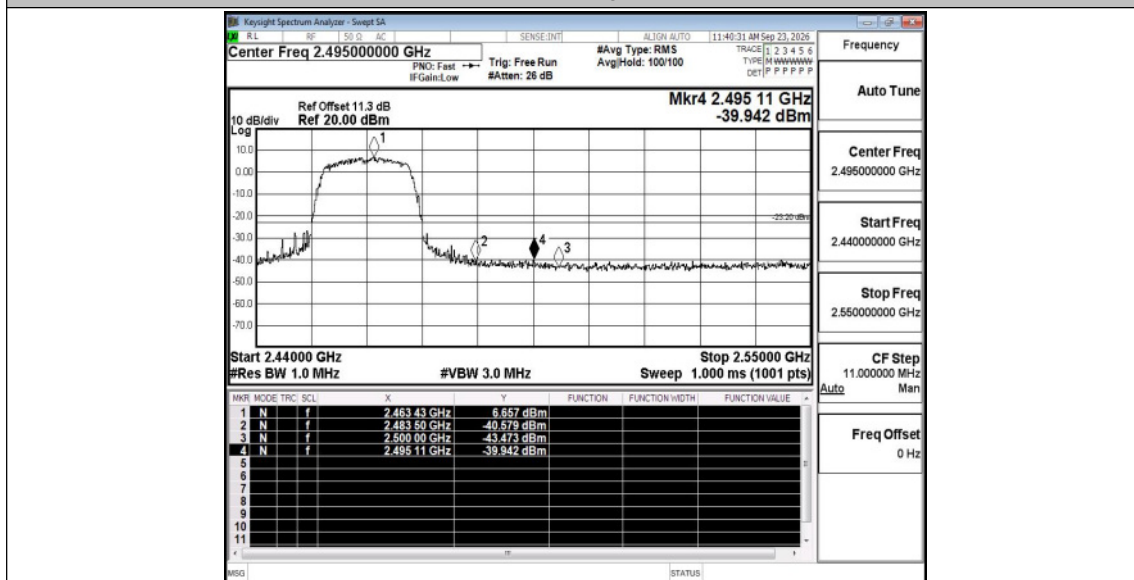
11N20SISO_Ant1_Low_2412_Peak



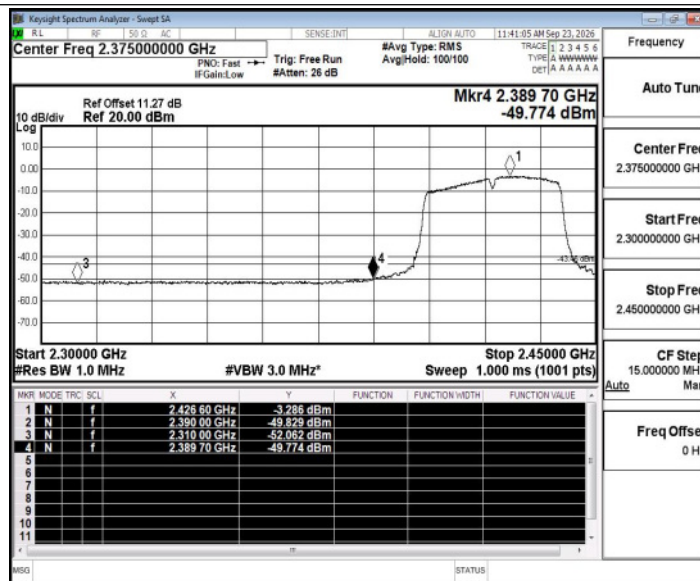
11N20SISO_Ant1_High_2462_AV



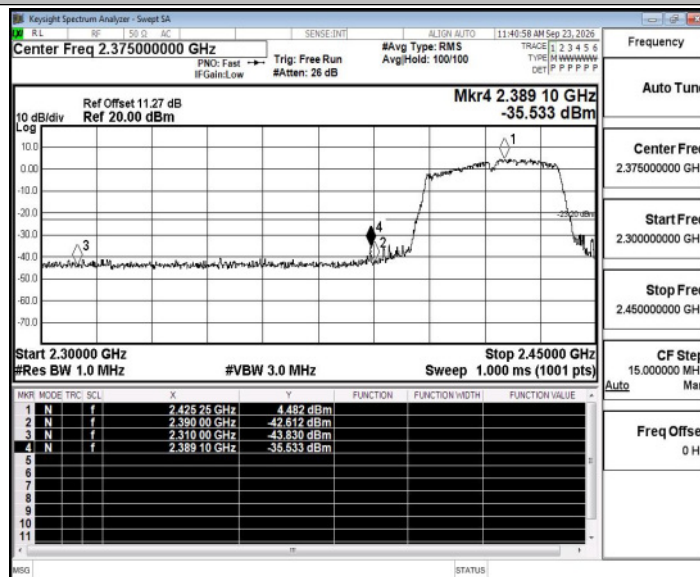
11N20SISO_Ant1_High_2462_Peak



11N40SISO_Ant1_Low_2422_AV



11N40SISO_Ant1_Low_2422_Peak



11N40SISO_Ant1_High_2452_AV

