Maximum power spectral density

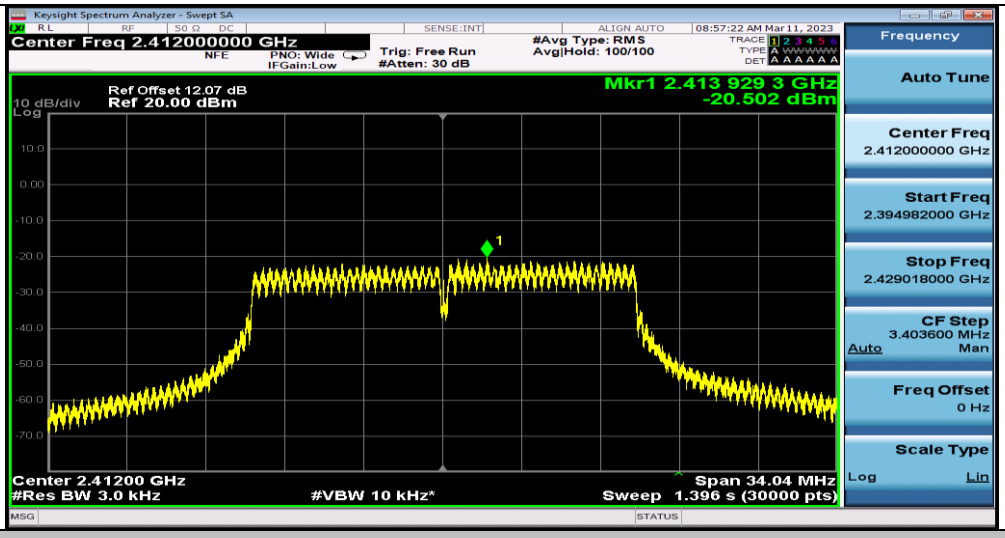
Test Mode	Antenna	Frequency [MHz]	Result [dBm/3-100kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-19.913	≤8.00	PASS
		2437	-20.423	≤8.00	PASS
		2462	-22.28	≤8.00	PASS
11G	Ant1	2412	-20.502	≤8.00	PASS
		2437	-22.243	≤8.00	PASS
		2462	-23.462	≤8.00	PASS
11N20SISO	Ant1	2412	-21.508	≤8.00	PASS
		2437	-22.819	≤8.00	PASS
		2462	-23.28	≤8.00	PASS

Test Graphs

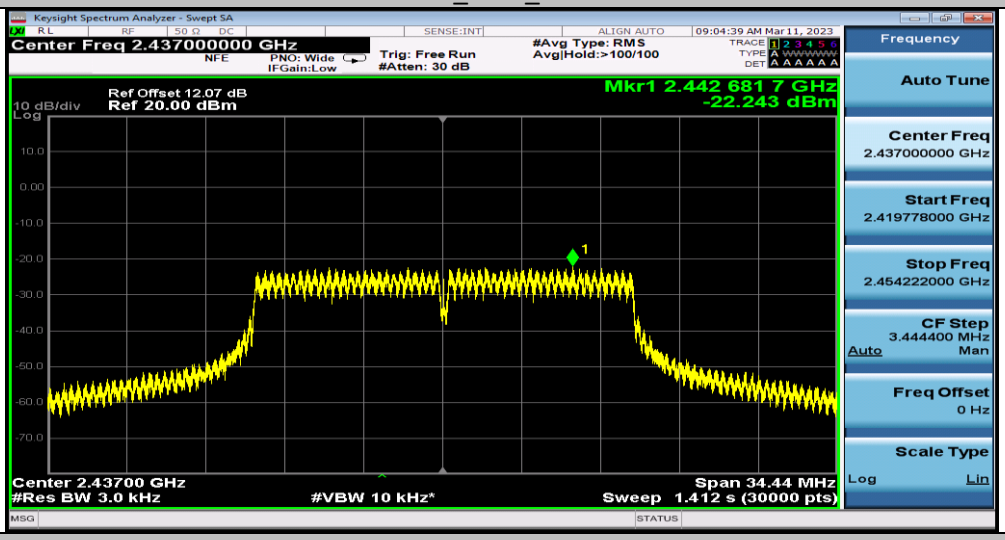
11B_Ant1_2412

11B_Ant1_2437

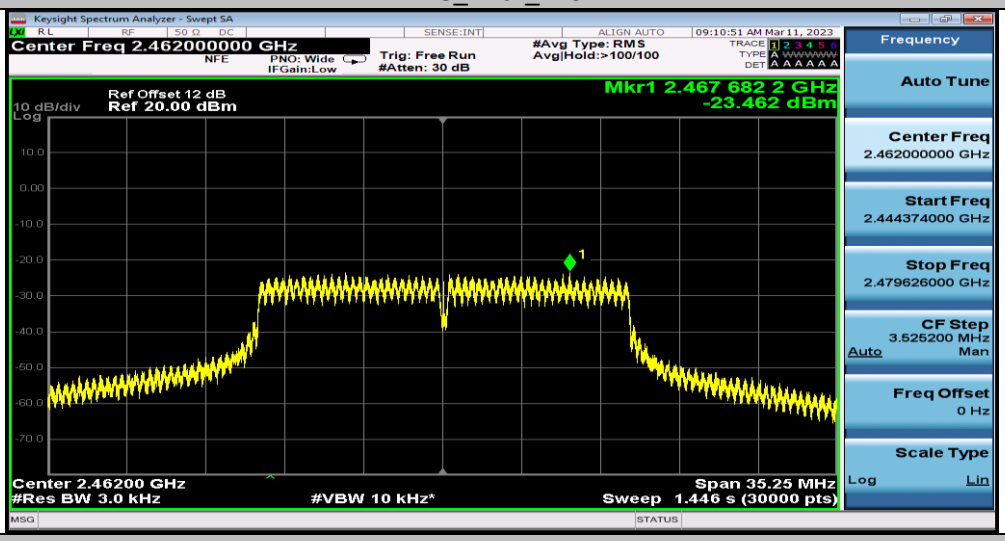
11B_Ant1_2462



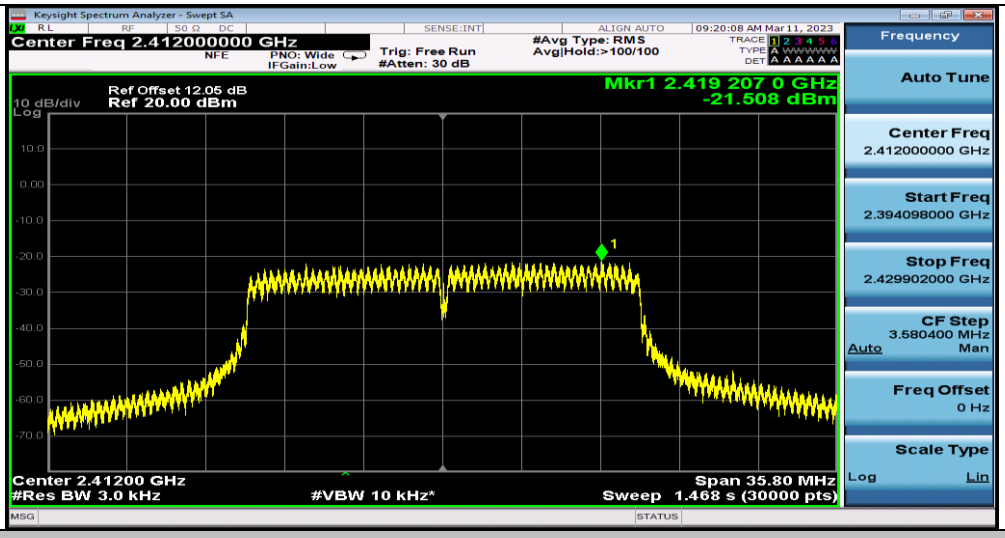
11G_Ant1_2412



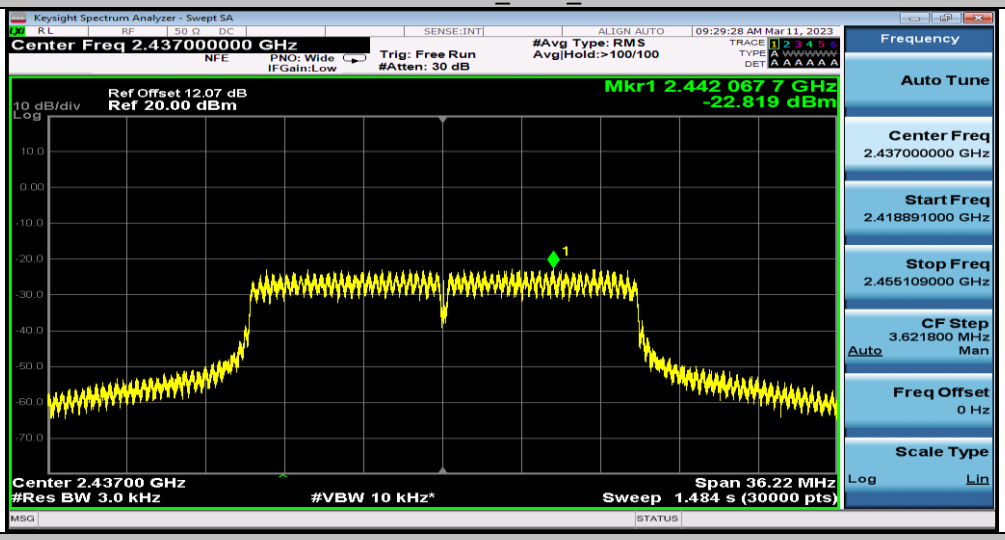
11G_Ant1_2437



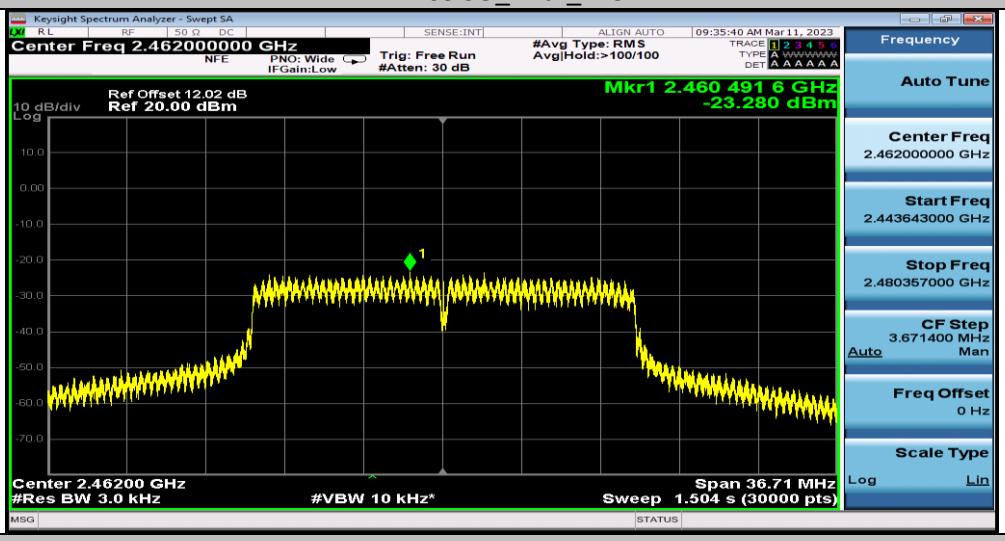
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437

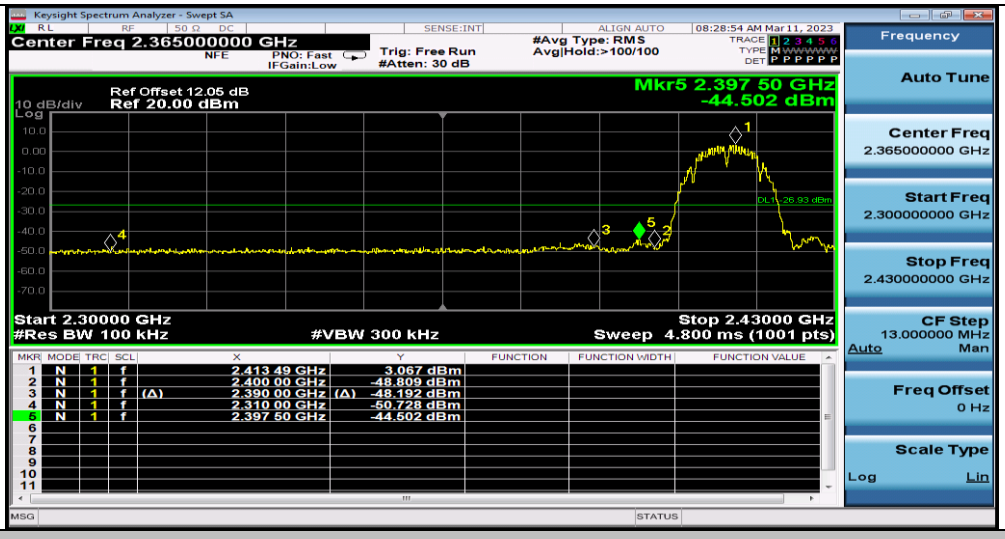


11N20SISO_Ant1_2462

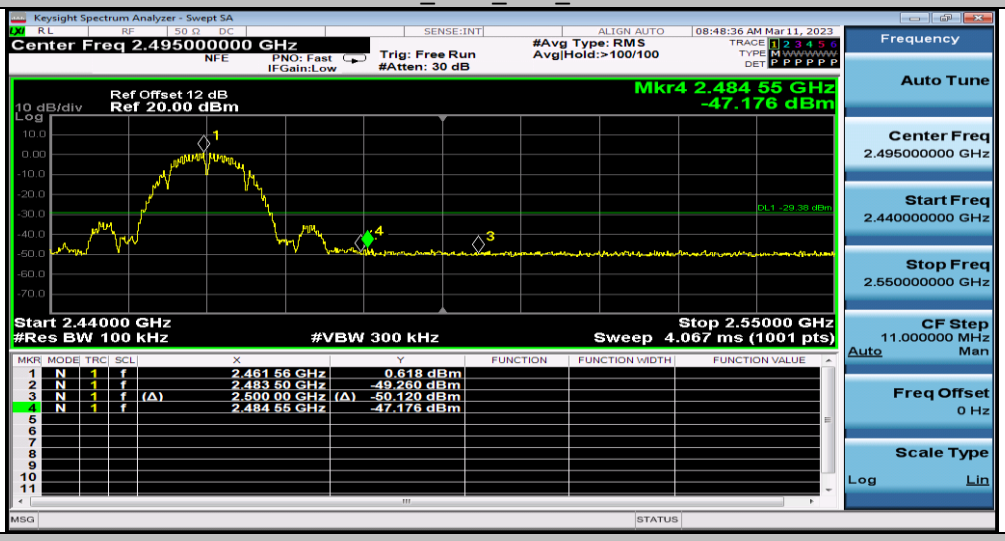
Band edge measurements

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	3.07	-44.50	≤-26.93	PASS
		High	2462	0.62	-47.18	≤-29.38	PASS
11G	Ant1	Low	2412	0.49	-32.15	≤-29.51	PASS
		High	2462	-1.40	-41.55	≤-31.4	PASS
11N20SISO	Ant1	Low	2412	0.44	-32.73	≤-29.56	PASS
		High	2462	-1.76	-39.06	≤-31.76	PASS

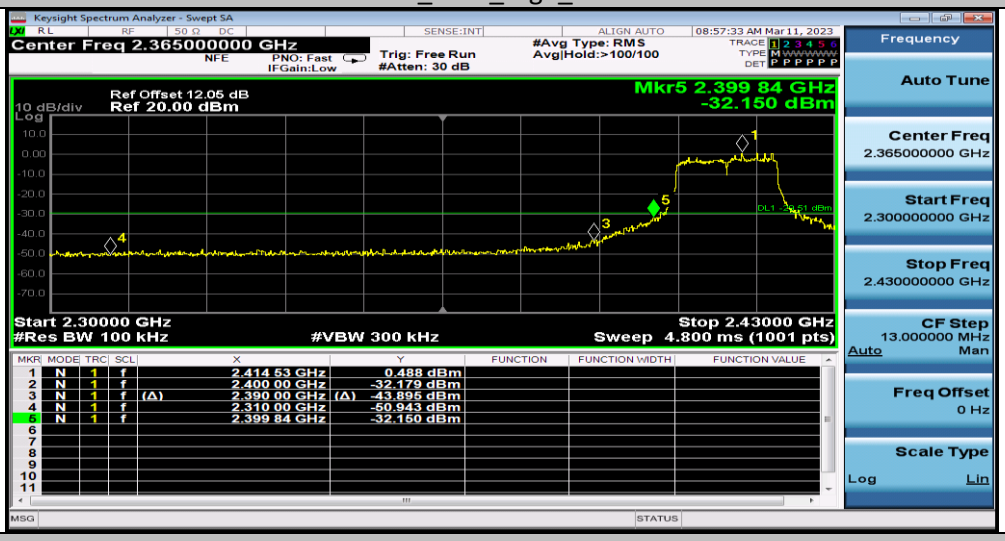
Test Graphs



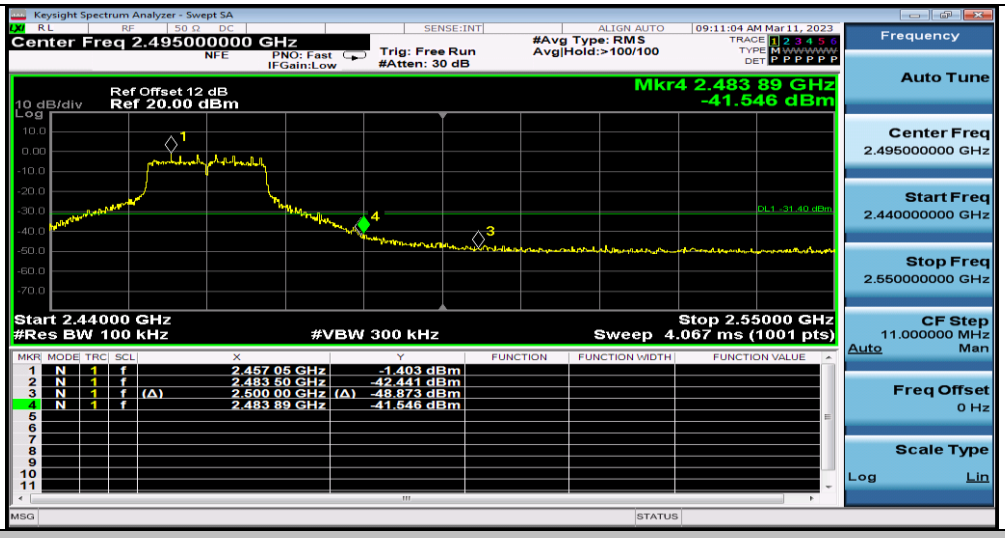
11B_Ant1_Low_2412



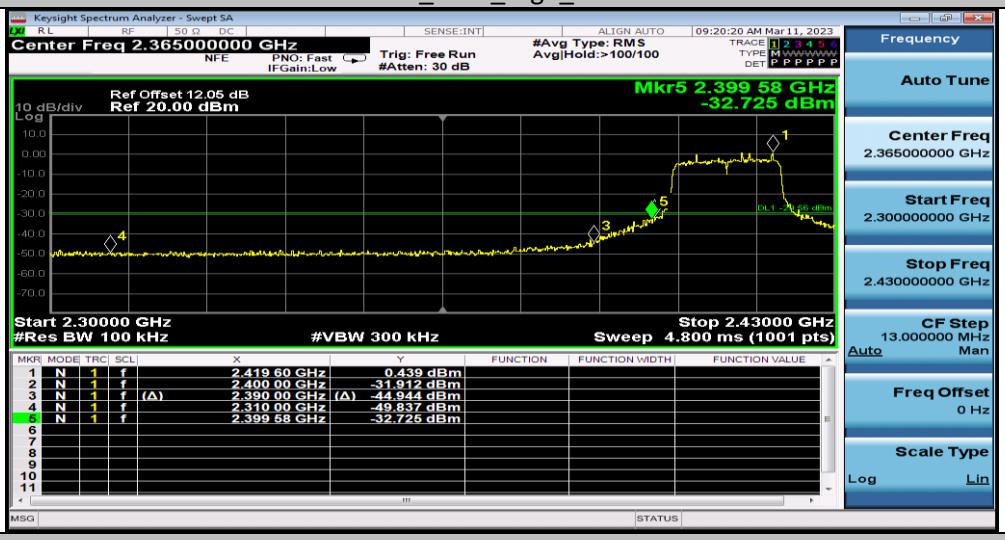
11B_Ant1_High_2462



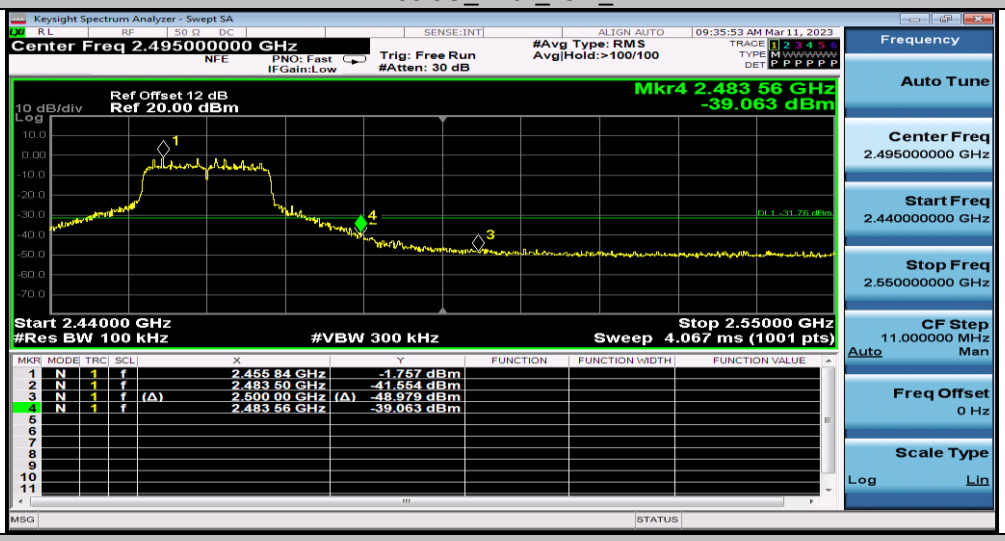
11G_Ant1_Low_2412



11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



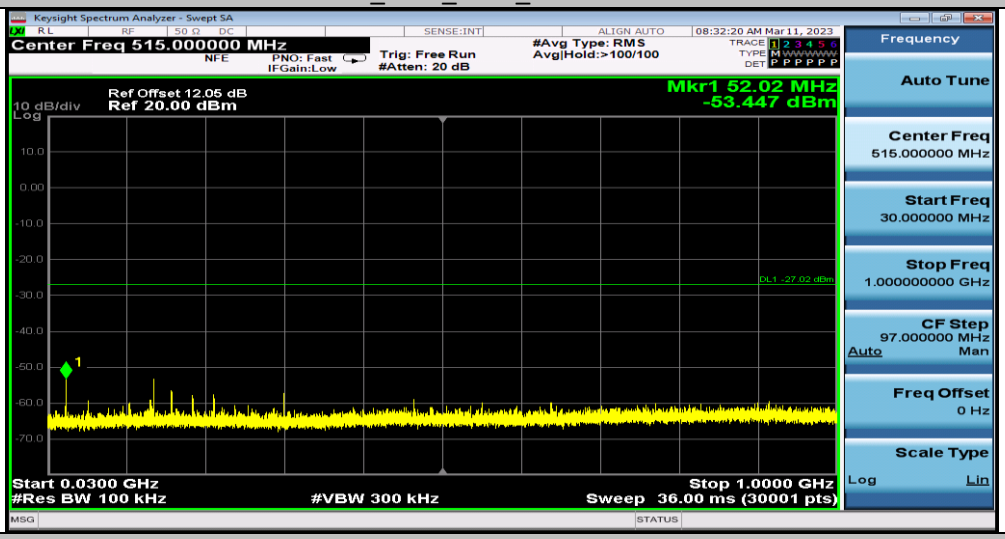
11N20SISO_Ant1_High_2462

Conducted Spurious Emission

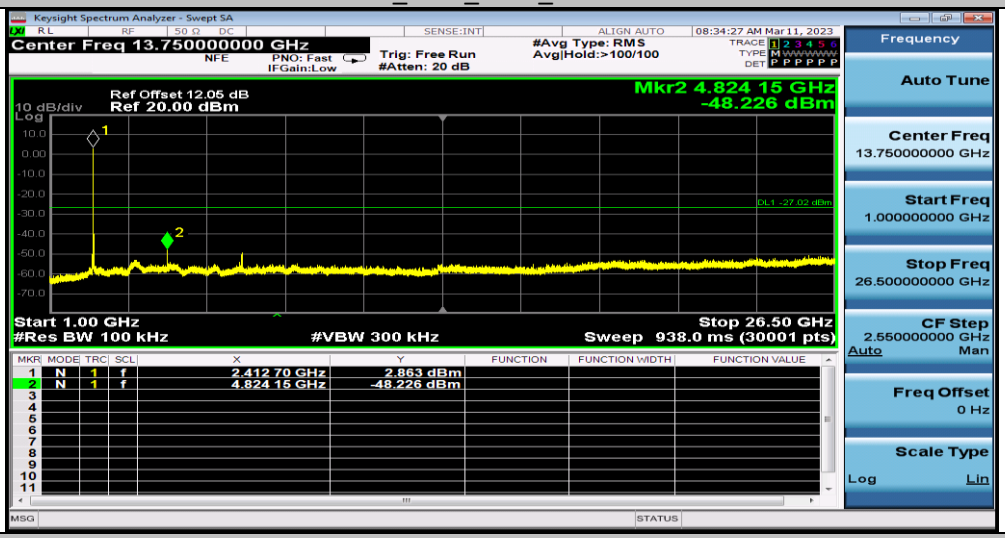
Test Mode	Antenna	Frequency [MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	2.98	2.98	---	PASS
			30~1000	2.98	-53.45	≤-27.02	PASS
			1000~26500	2.98	-48.23	≤-27.02	PASS
		2437	Reference	2.25	2.25	---	PASS
			30~1000	2.25	-52.85	≤-27.75	PASS
			1000~26500	2.25	-42.23	≤-27.75	PASS
		2462	Reference	0.48	0.48	---	PASS
			30~1000	0.48	-52.56	≤-29.52	PASS
			1000~26500	0.48	-35.79	≤-29.52	PASS
11G	Ant1	2412	Reference	0.20	0.20	---	PASS
			30~1000	0.20	-52.33	≤-29.8	PASS
			1000~26500	0.20	-49.75	≤-29.8	PASS
		2437	Reference	-0.29	-0.29	---	PASS
			30~1000	-0.29	-51.72	≤-30.29	PASS
			1000~26500	-0.29	-48.81	≤-30.29	PASS
		2462	Reference	-1.78	-1.78	---	PASS
			30~1000	-1.78	-51.79	≤-31.78	PASS
			1000~26500	-1.78	-43.77	≤-31.78	PASS
11N20SISO	Ant1	2412	Reference	0.60	0.60	---	PASS
			30~1000	0.60	-52.17	≤-29.4	PASS
			1000~26500	0.60	-50.06	≤-29.4	PASS
		2437	Reference	-0.31	-0.31	---	PASS
			30~1000	-0.31	-52.18	≤-30.31	PASS
			1000~26500	-0.31	-48.96	≤-30.31	PASS
		2462	Reference	-1.46	-1.46	---	PASS
			30~1000	-1.46	-52.28	≤-31.46	PASS
			1000~26500	-1.46	-43.56	≤-31.46	PASS

Test Graphs

11B_Ant1_2412_0~Reference

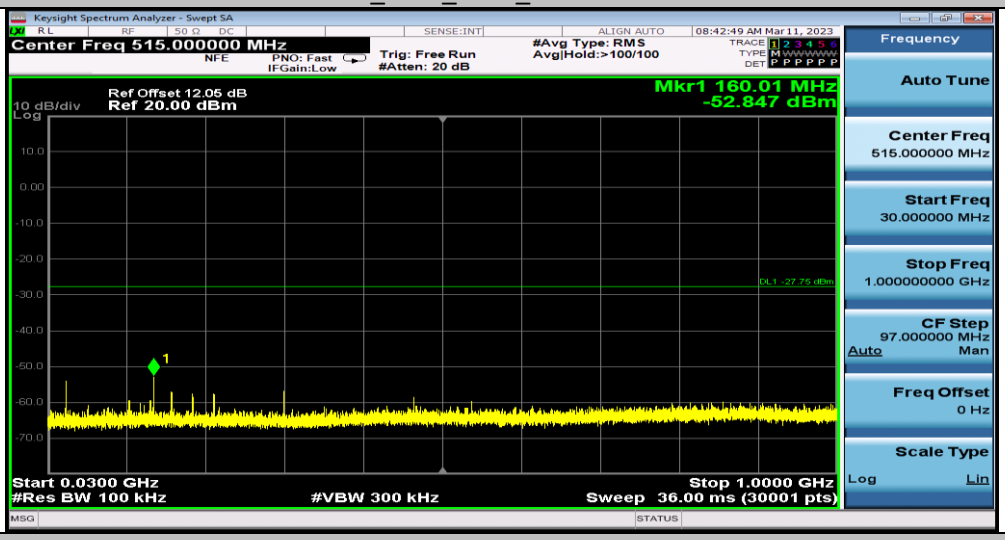


11B_Ant1_2412_30~1000

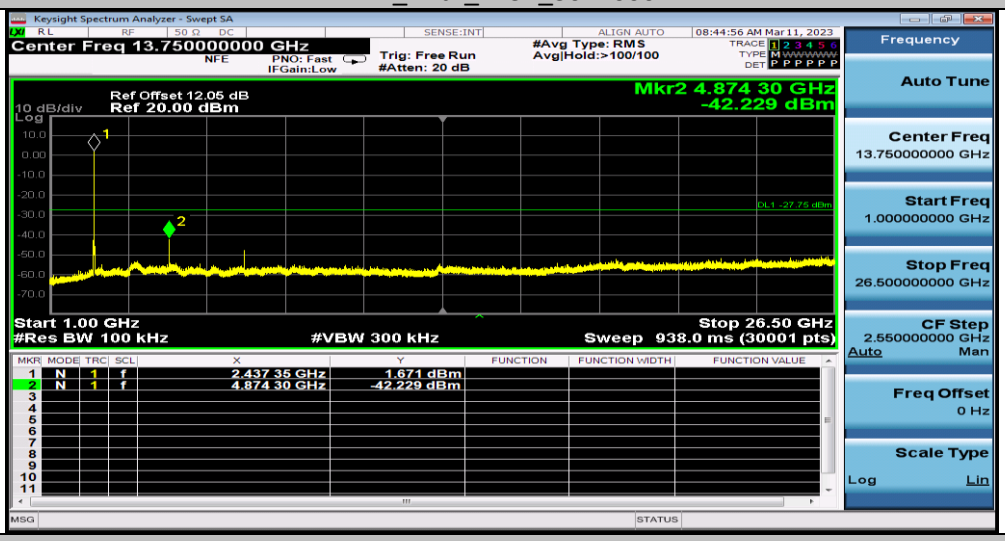


11B_Ant1_2412_1000~26500

11B_Ant1_2437_0~Reference

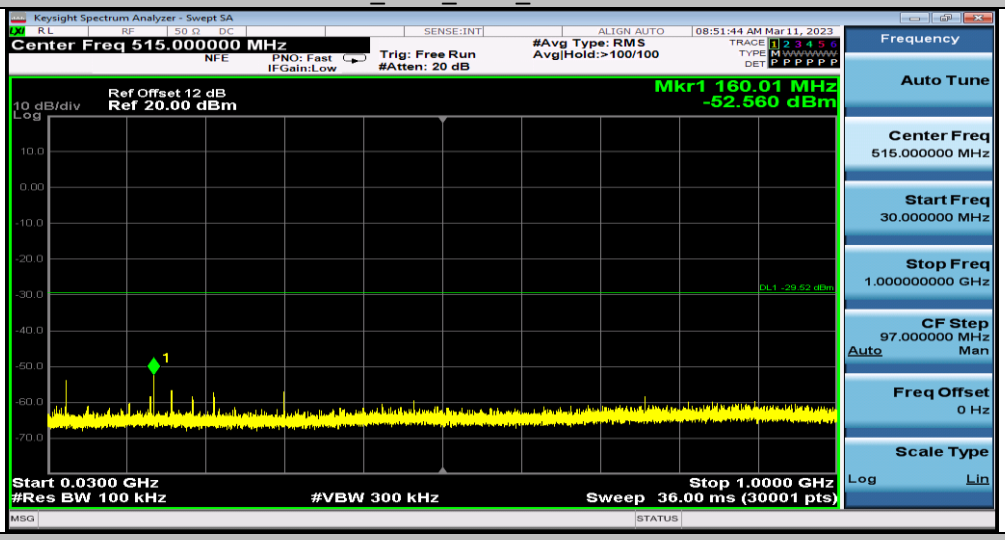


11B_Ant1_2437_30~1000

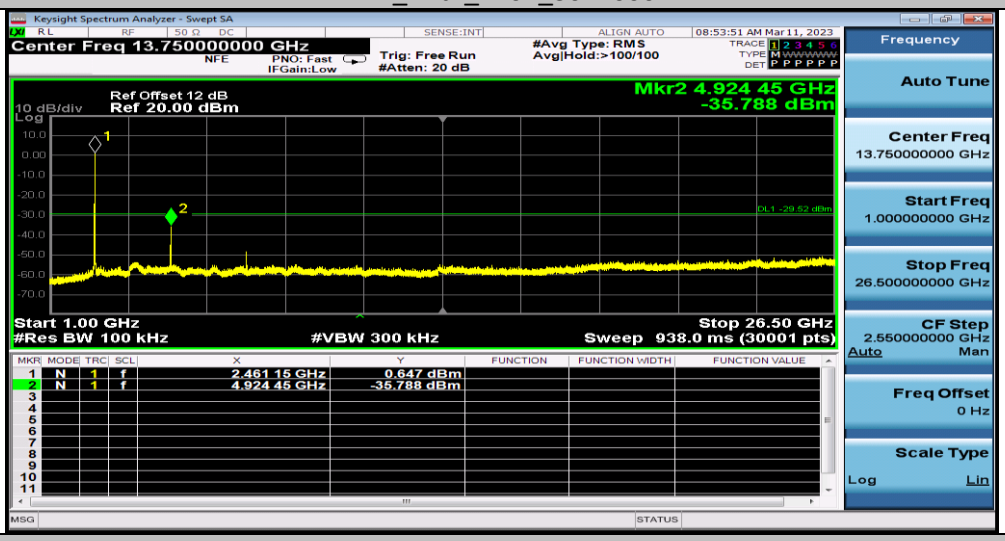


11B_Ant1_2437_1000~26500

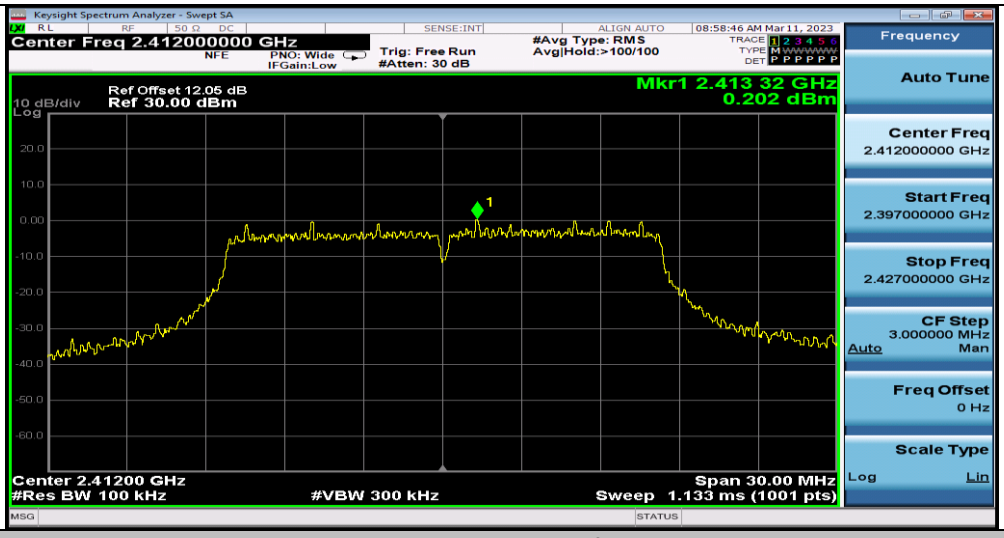
11B_Ant1_2462_0~Reference



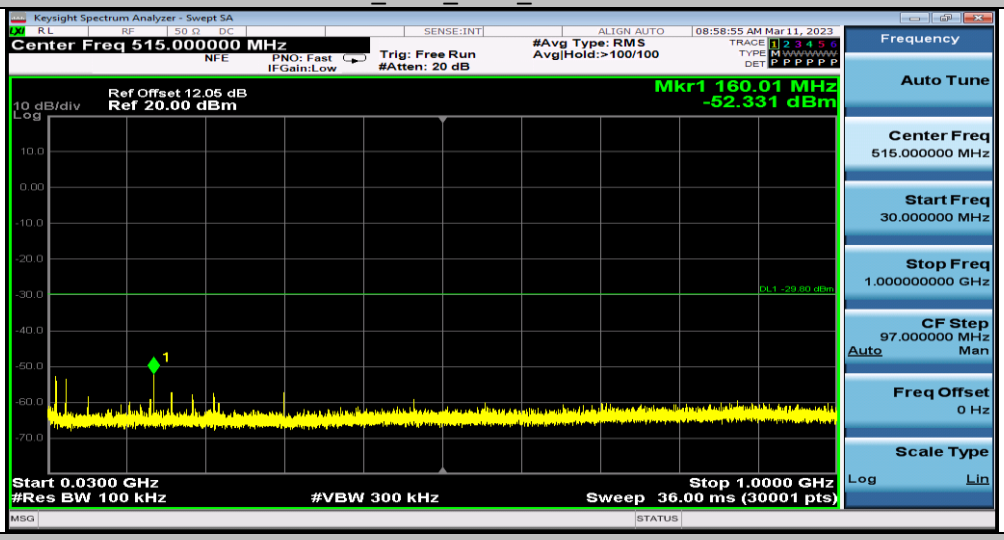
11B_Ant1_2462_30~1000



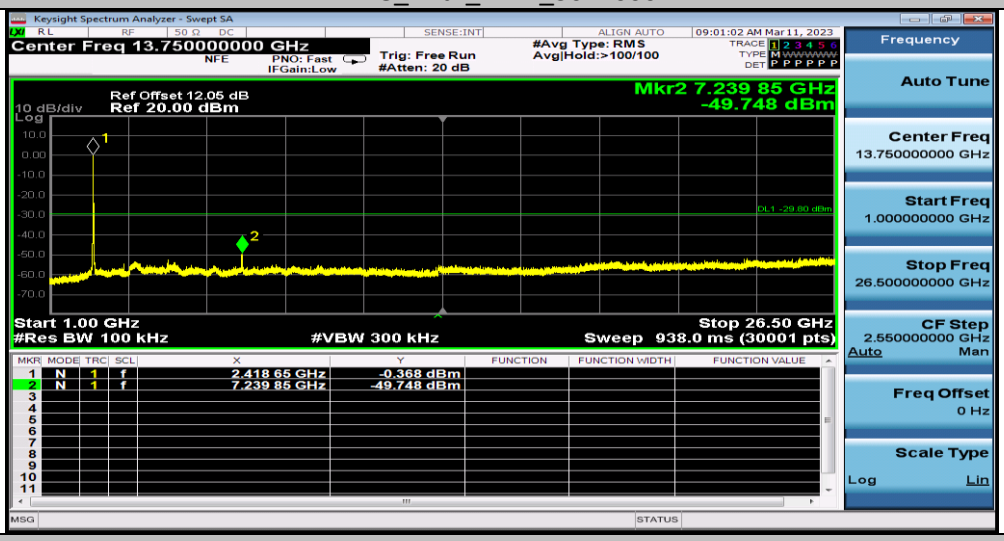
11B_Ant1_2462_1000~26500



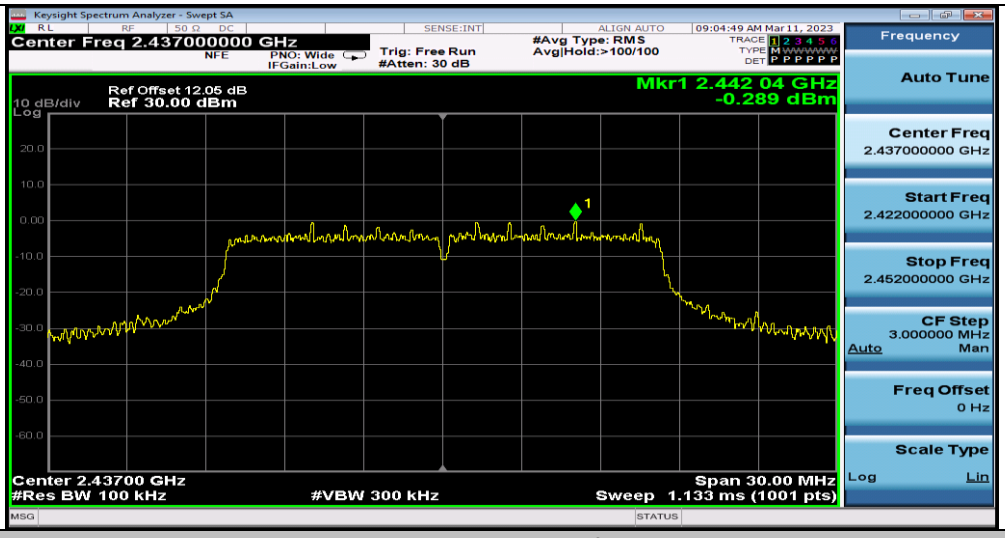
11G_Ant1_2412_0~Reference



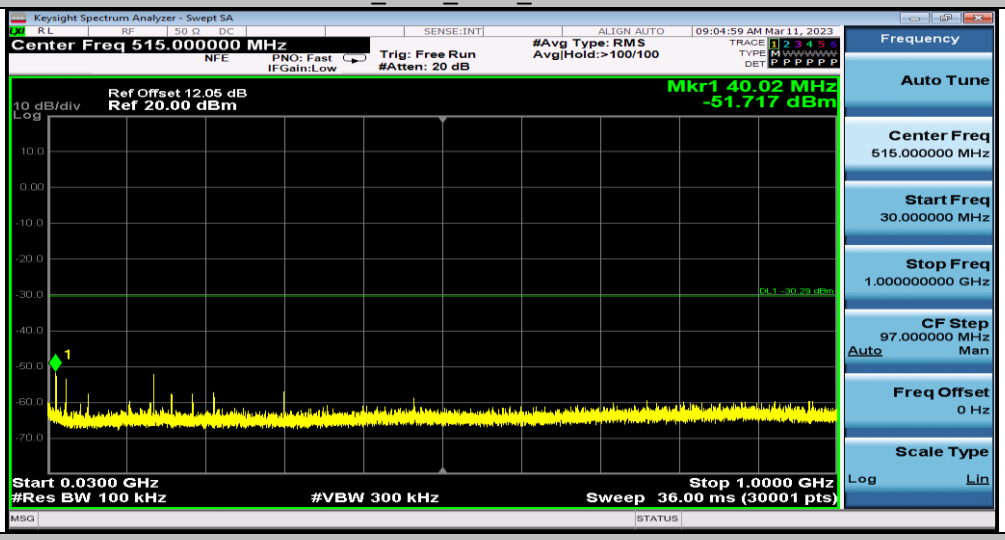
11G_Ant1_2412_30~1000



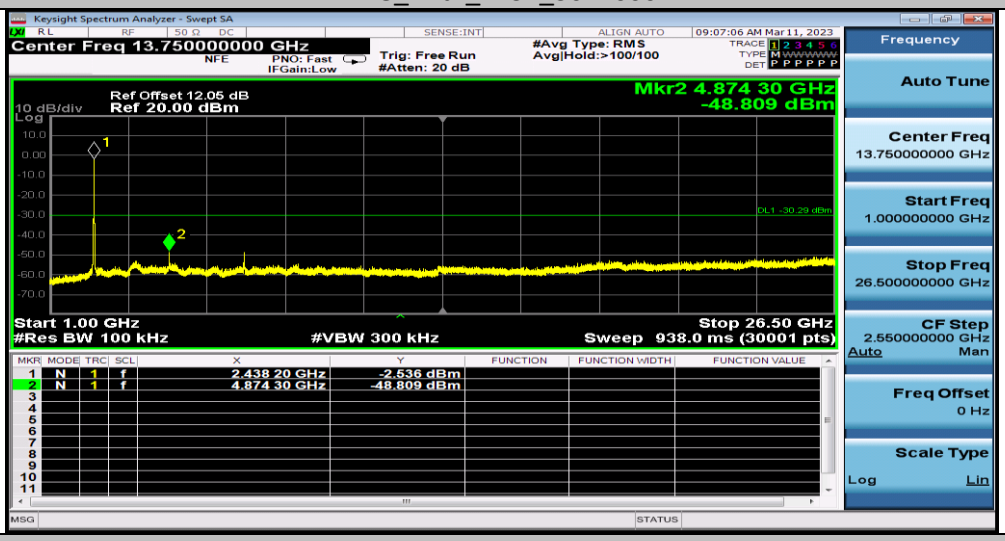
11G_Ant1_2412_1000~26500



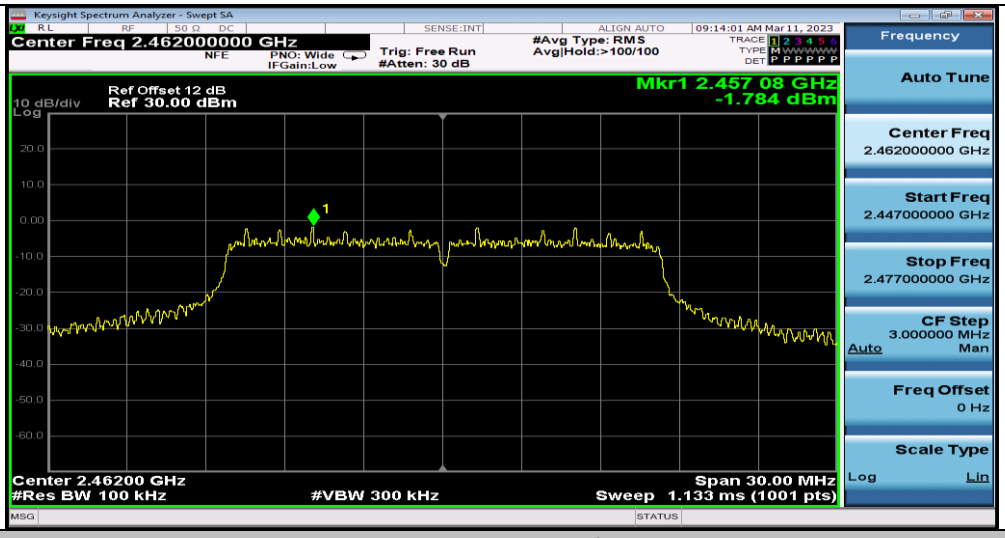
11G_Ant1_2437_0~Reference



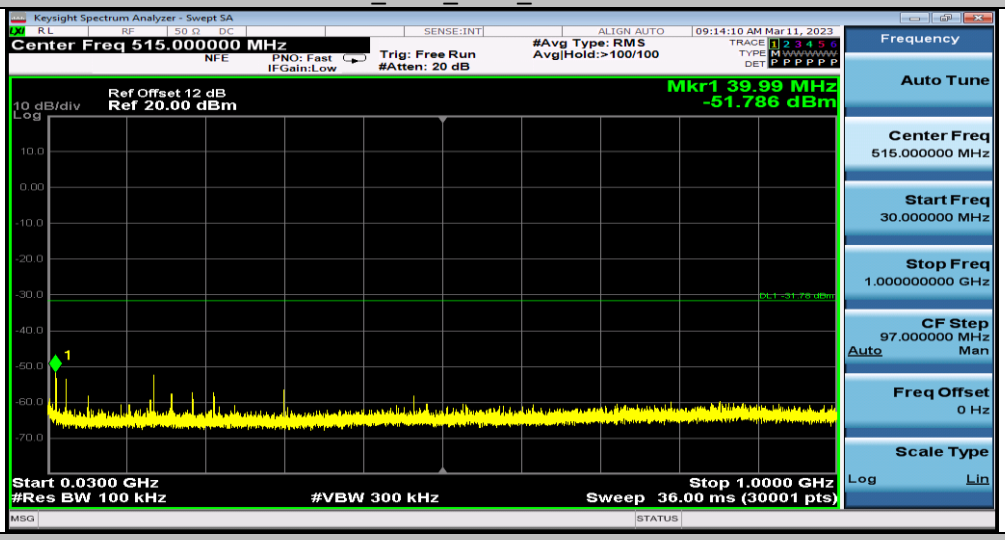
11G_Ant1_2437_30~1000



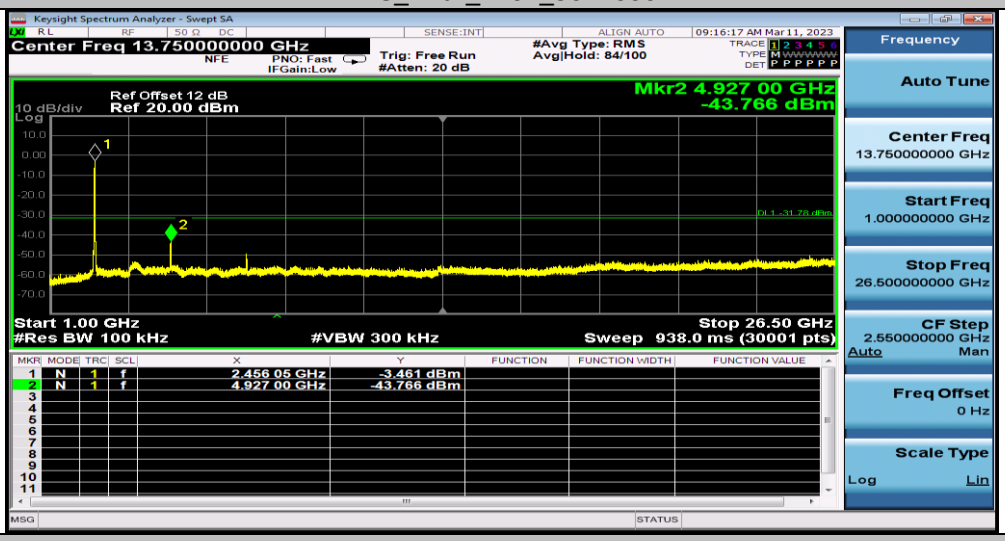
11G_Ant1_2437_1000~26500



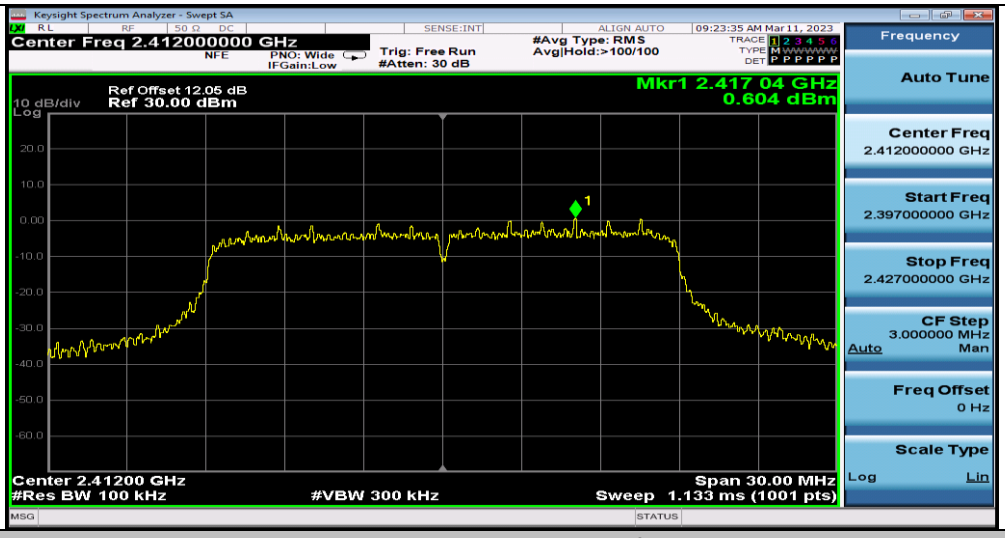
11G_Ant1_2462_0~Reference



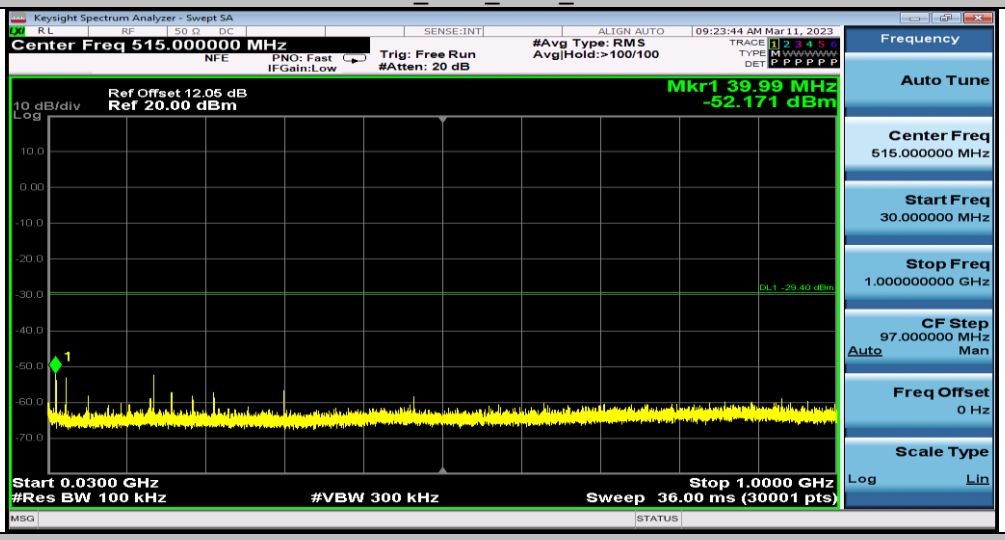
11G_Ant1_2462_30~1000



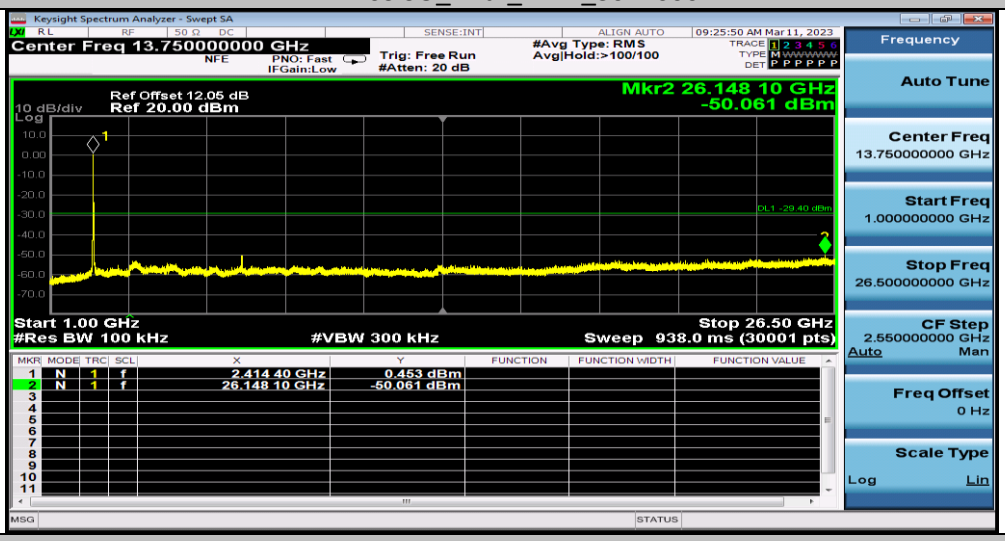
11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0~Reference

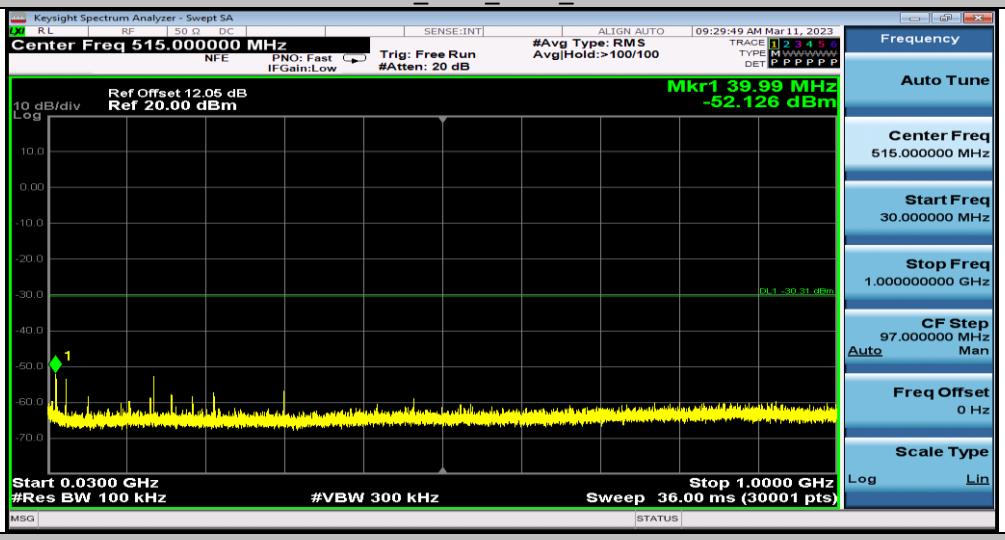


11N20SISO_Ant1_2412_30~1000

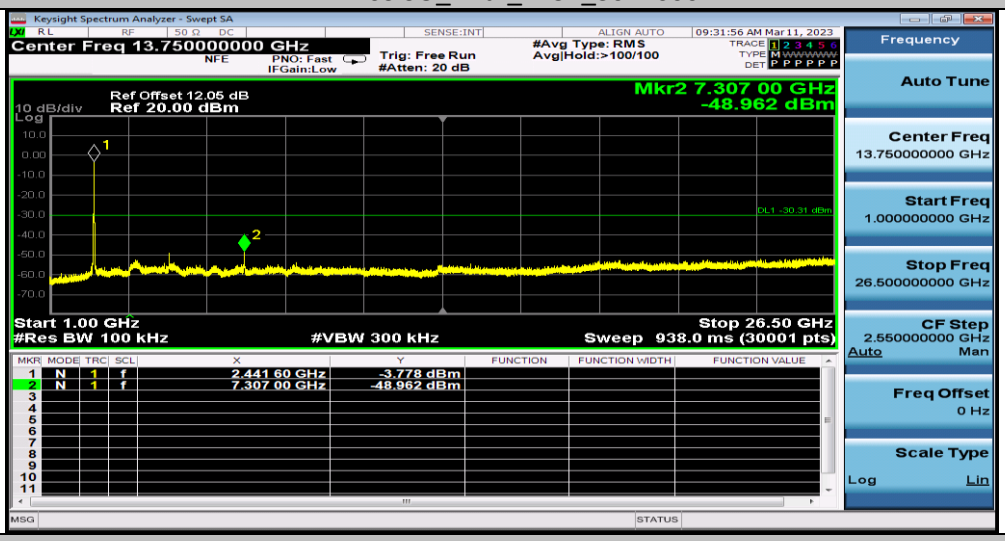


11N20SISO_Ant1_2412_1000~26500

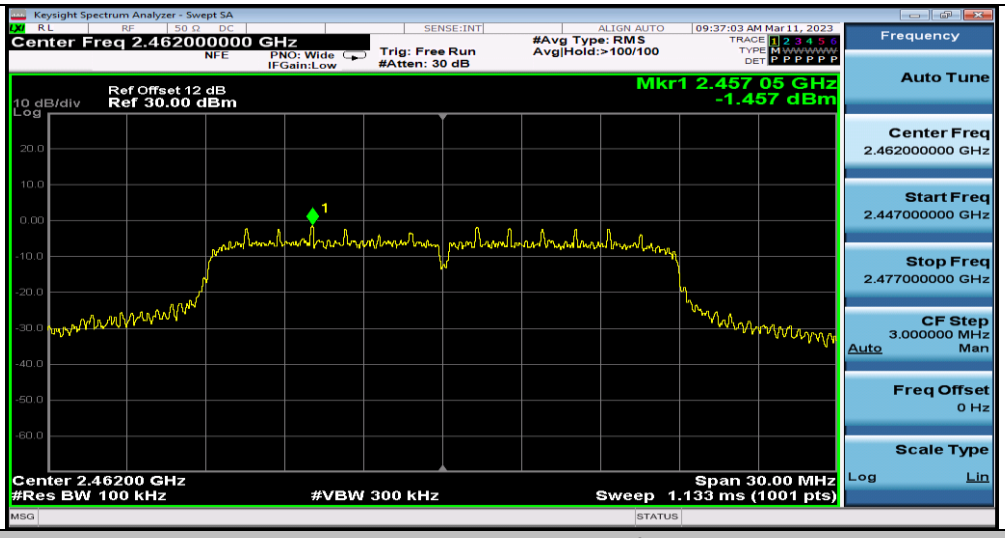
11N20SISO_Ant1_2437_0~Reference



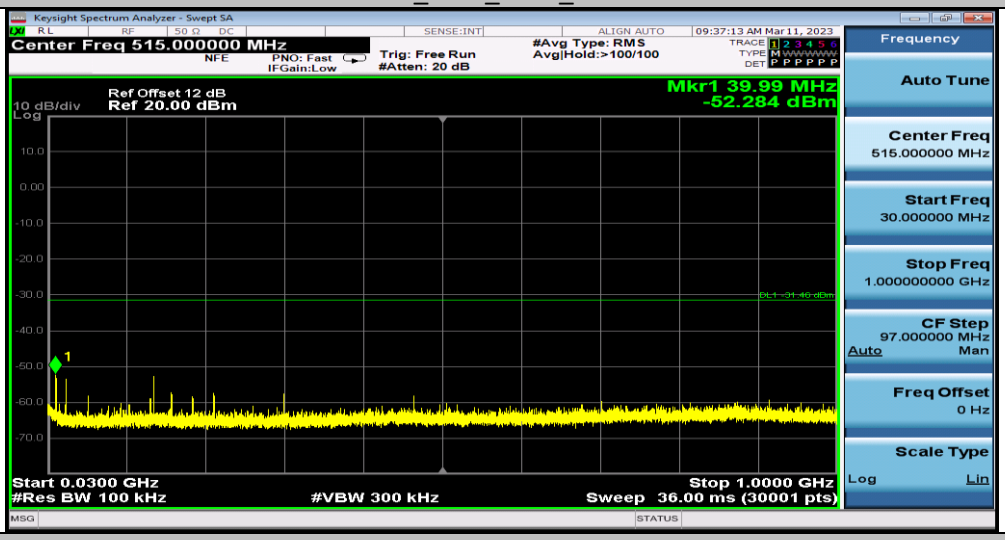
11N20SISO_Ant1_2437_30~1000



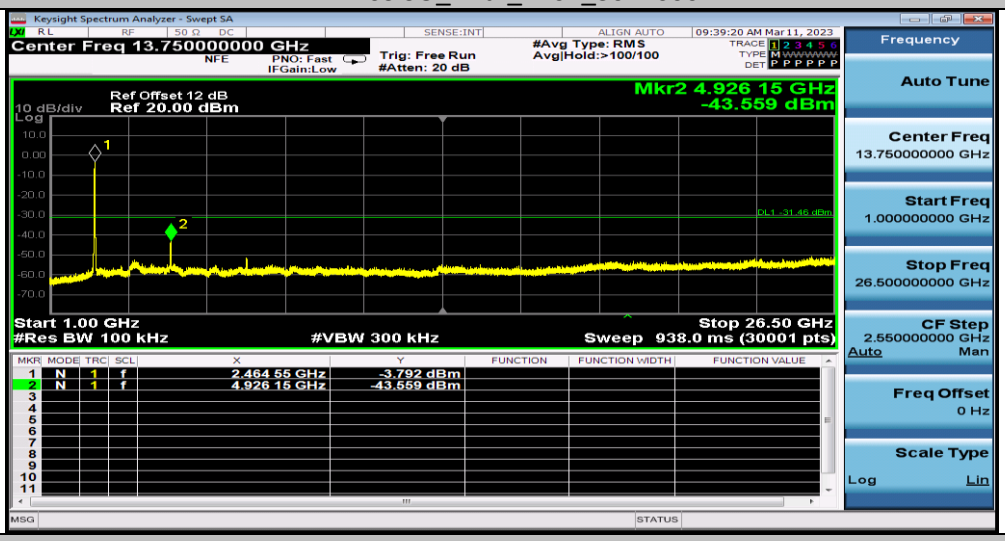
11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



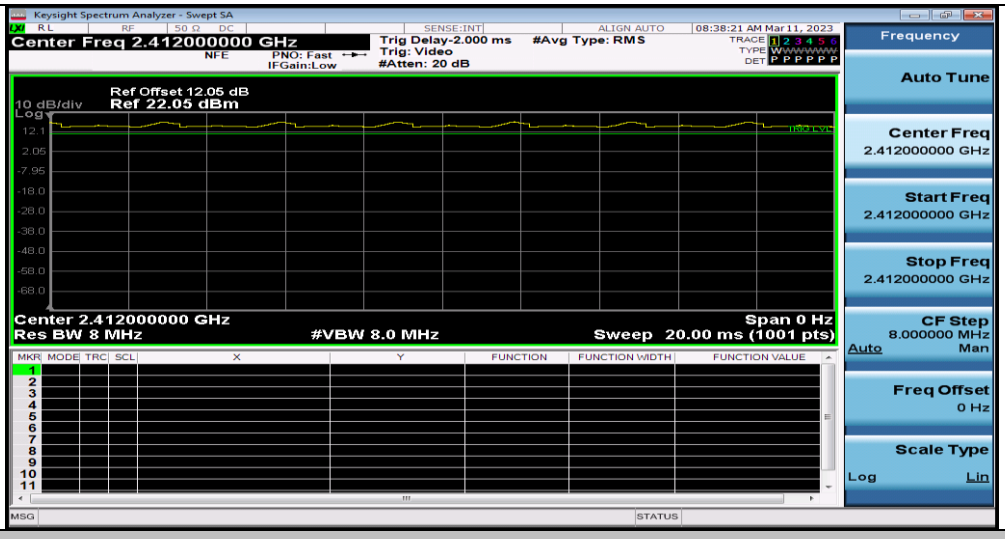
11N20SISO_Ant1_2462_1000~26500

Duty Cycle

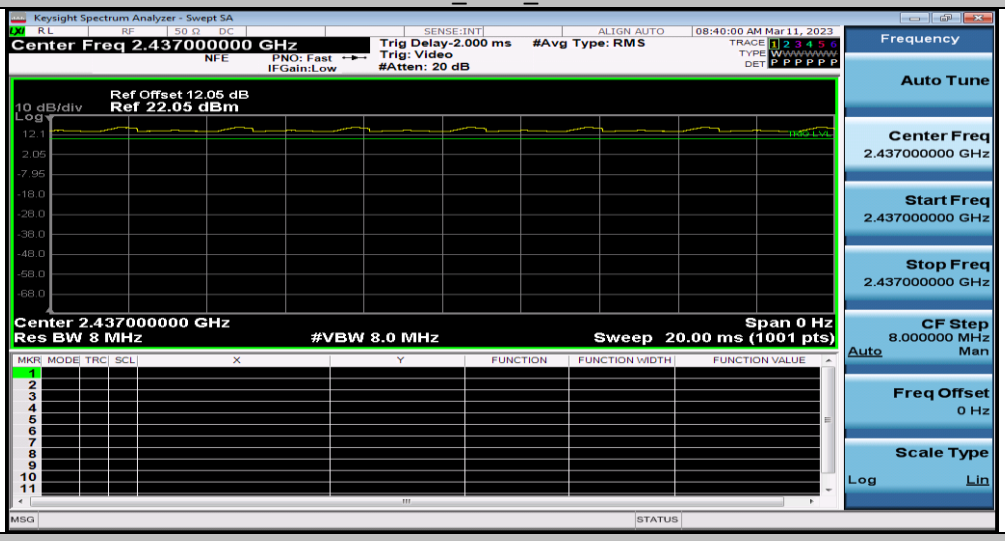
Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	20.00	20.00	100.00
		2437	20.00	20.00	100.00
		2462	20.00	20.00	100.00
11G	Ant1	2412	5.48	5.50	99.64
		2437	5.49	5.51	99.64
		2462	20.00	20.00	100.00
11N20SISO	Ant1	2412	20.00	20.00	100.00
		2437	5.08	5.10	99.61
		2462	5.08	5.10	99.61

TEST REPORT

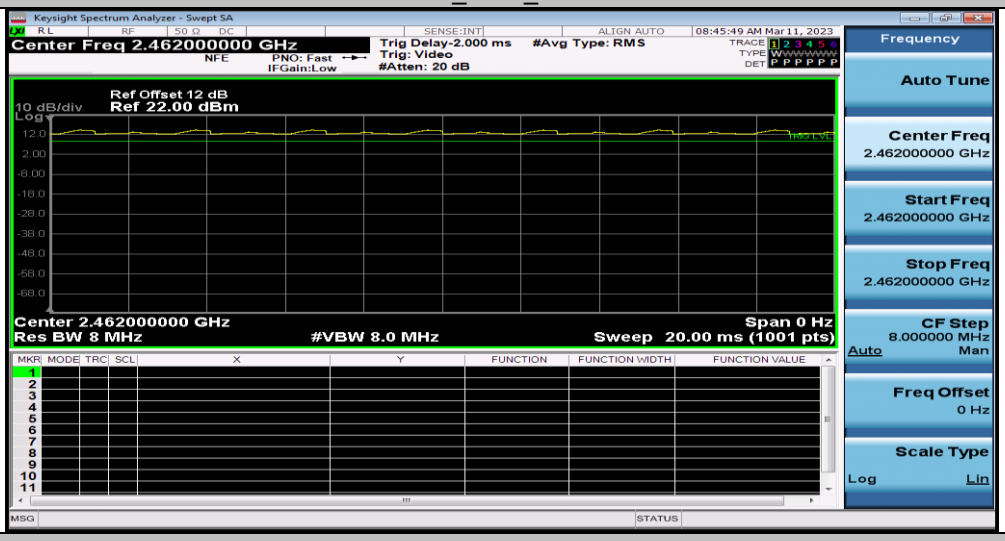
Test Graphs



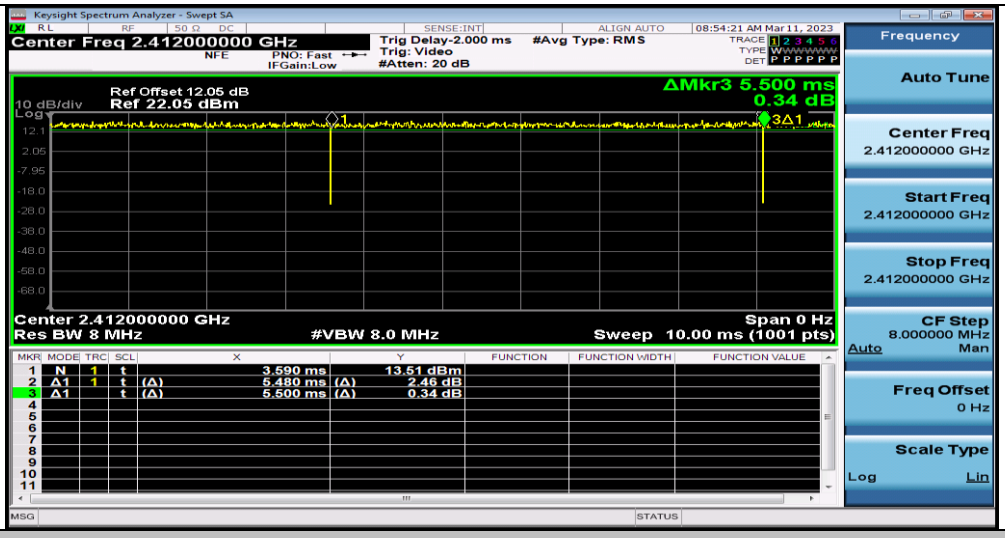
11B_Ant1_2412



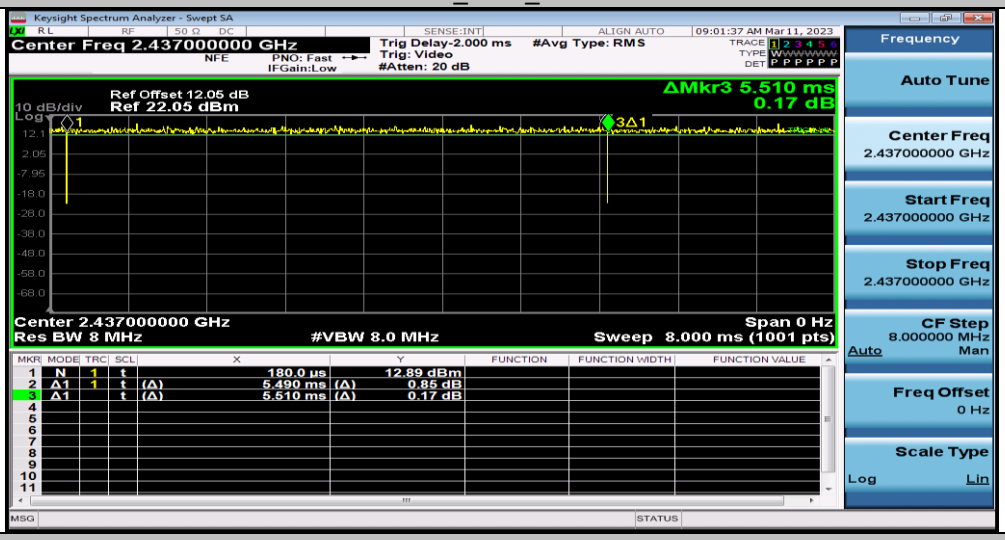
11B_Ant1_2437



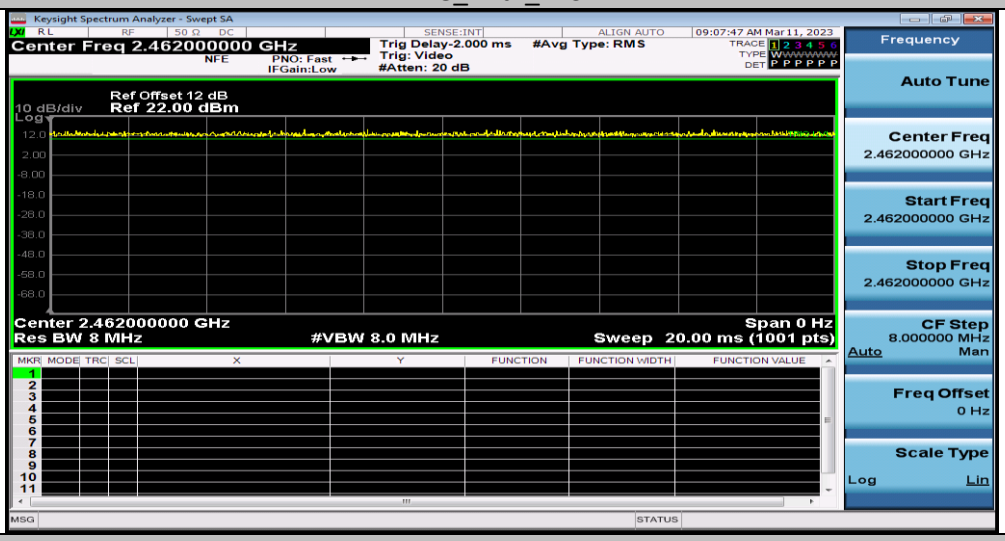
11B_Ant1_2462



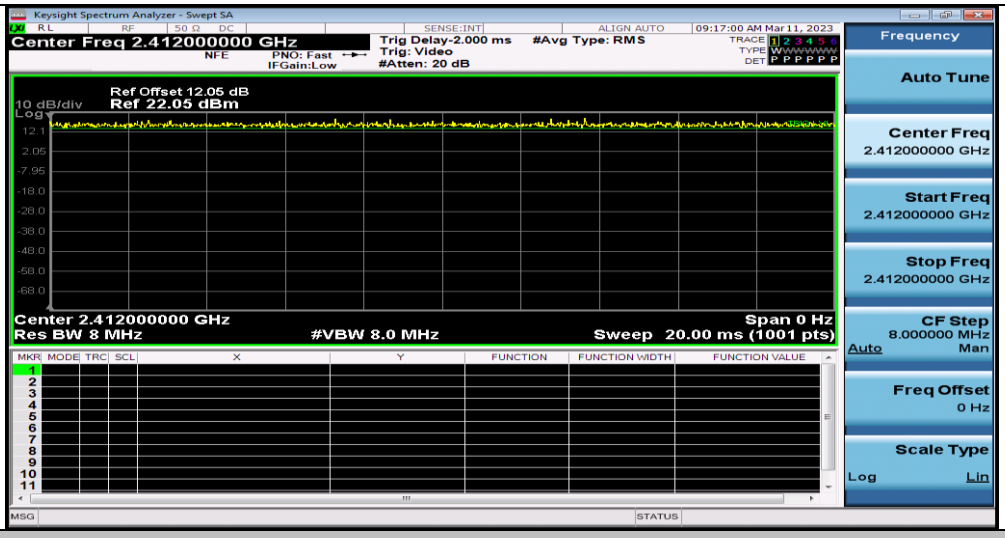
11G_Ant1_2412



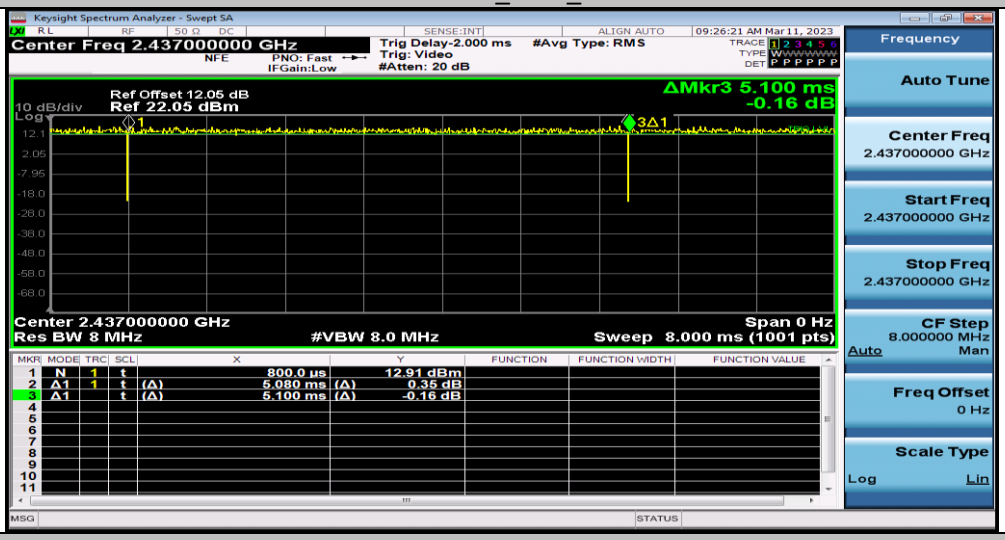
11G_Ant1_2437



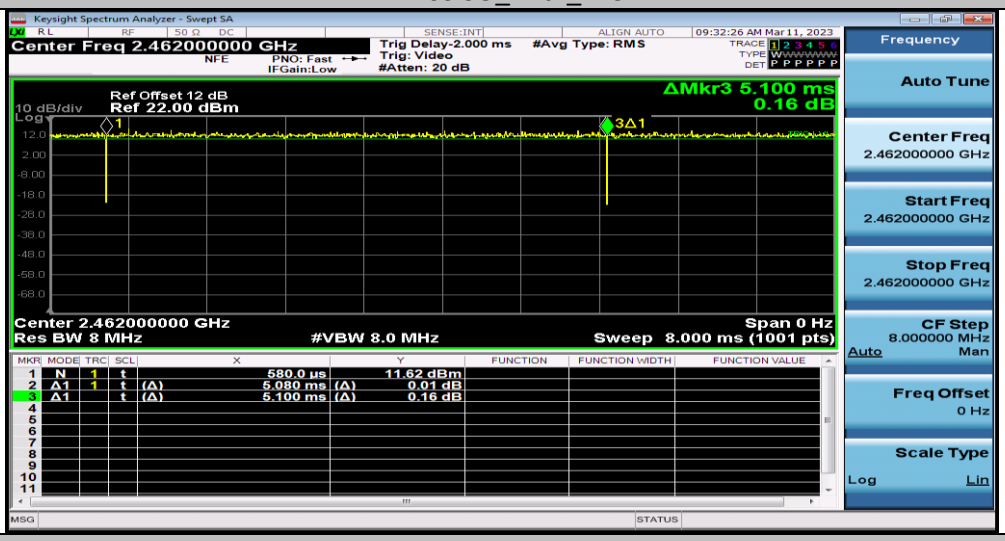
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

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