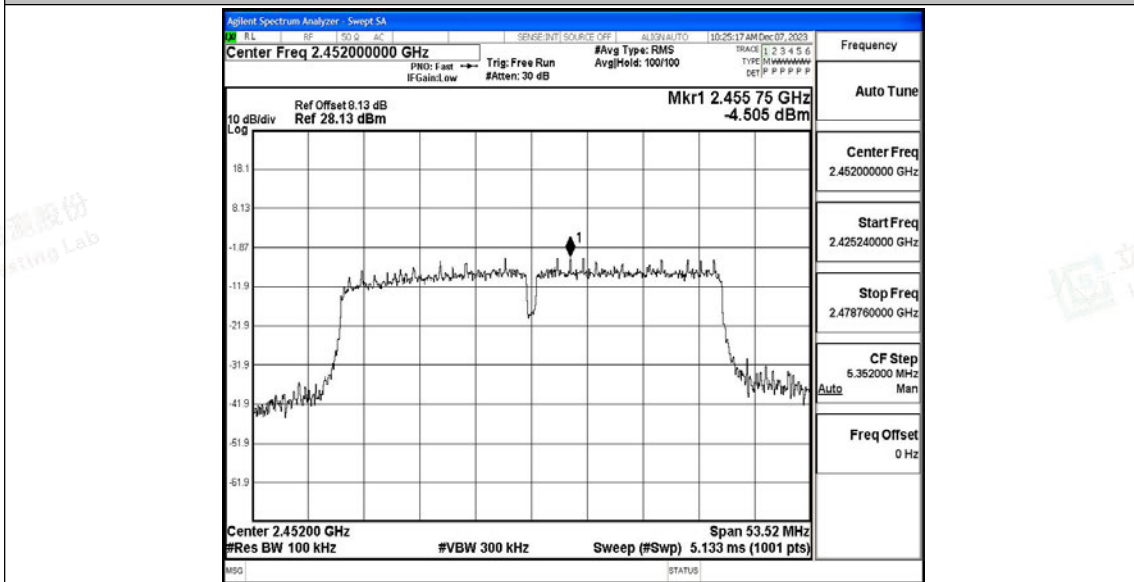


11N40SISO_Ant1_2452





C.6 Duty Cycle

Test Result

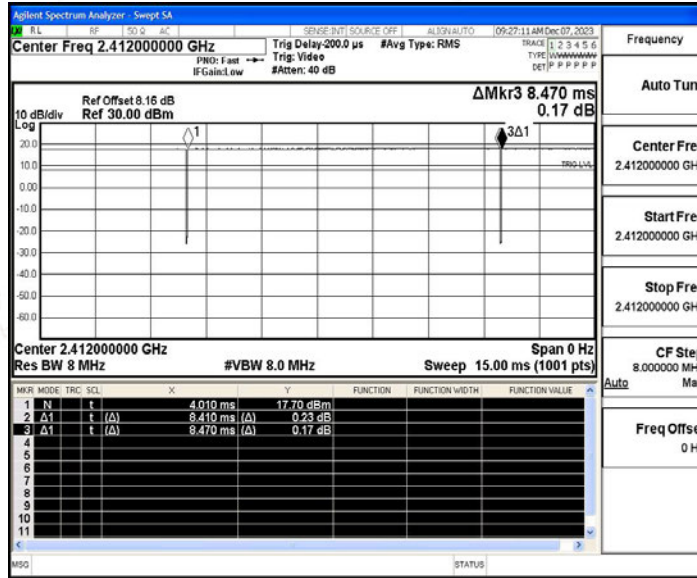
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor	1/T [kHz]
11B	Ant1	2412	8.41	8.47	99.29	0.03	0.12
		2437	8.41	8.47	99.29	0.03	0.12
		2462	8.42	8.48	99.29	0.03	0.12
11G	Ant1	2412	1.39	1.46	95.21	0.21	0.72
		2437	1.39	1.46	95.21	0.21	0.72
		2462	1.39	1.46	95.21	0.21	0.72
11N20SISO	Ant1	2412	1.18	1.24	95.16	0.22	0.85
		2437	1.18	1.24	95.16	0.22	0.85
		2462	1.18	1.25	94.40	0.25	0.85
11N40SISO	Ant1	2422	0.59	0.65	90.77	0.42	1.69
		2437	0.58	0.65	89.23	0.49	1.72
		2452	0.59	0.65	90.77	0.42	1.69



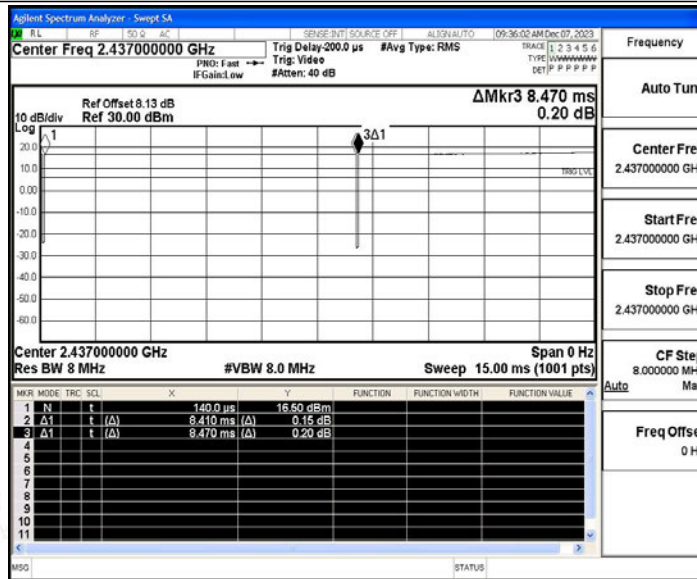


Test Graphs

11B_Ant1_2412

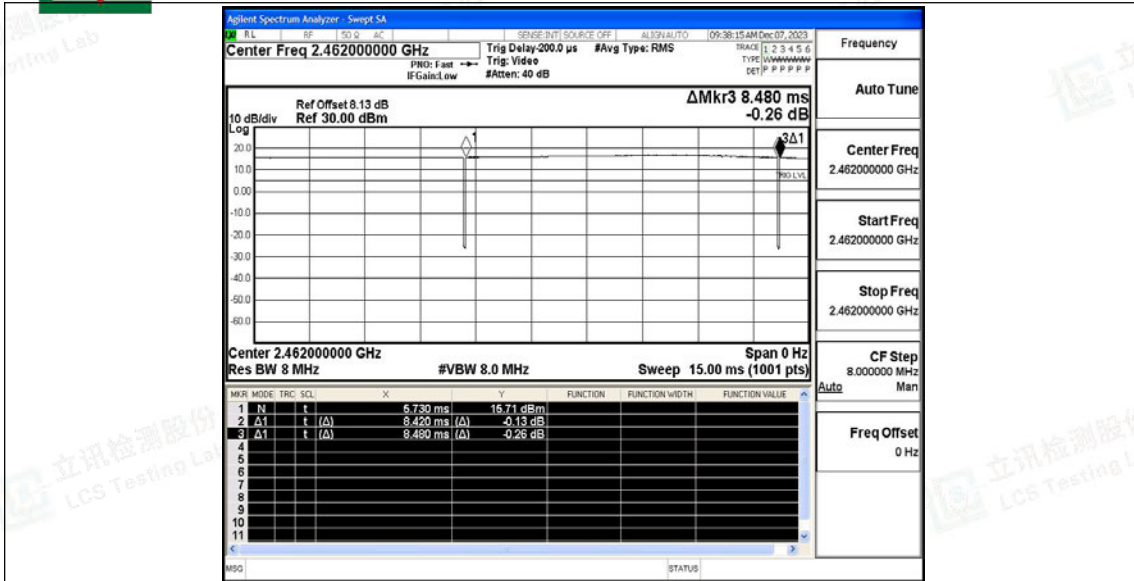


11B_Ant1_2437

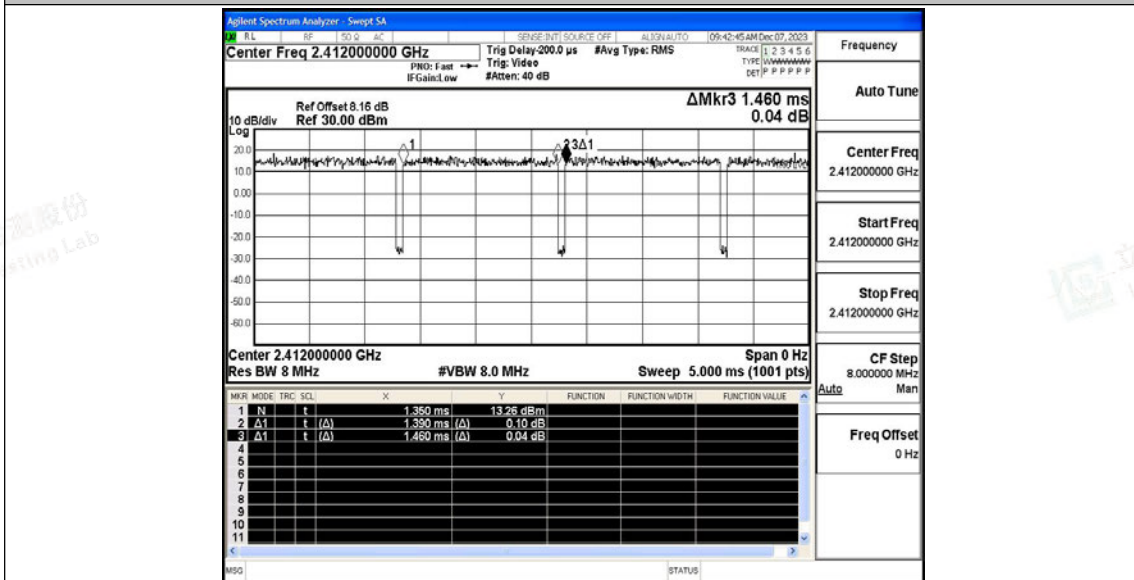


11B_Ant1_2462



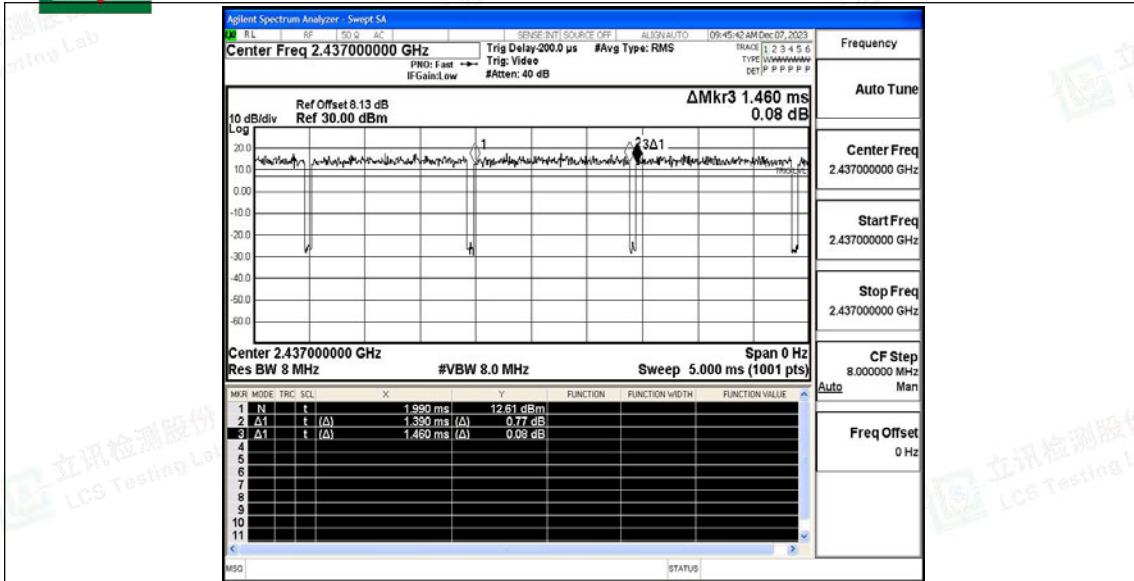


11G_Ant1_2412

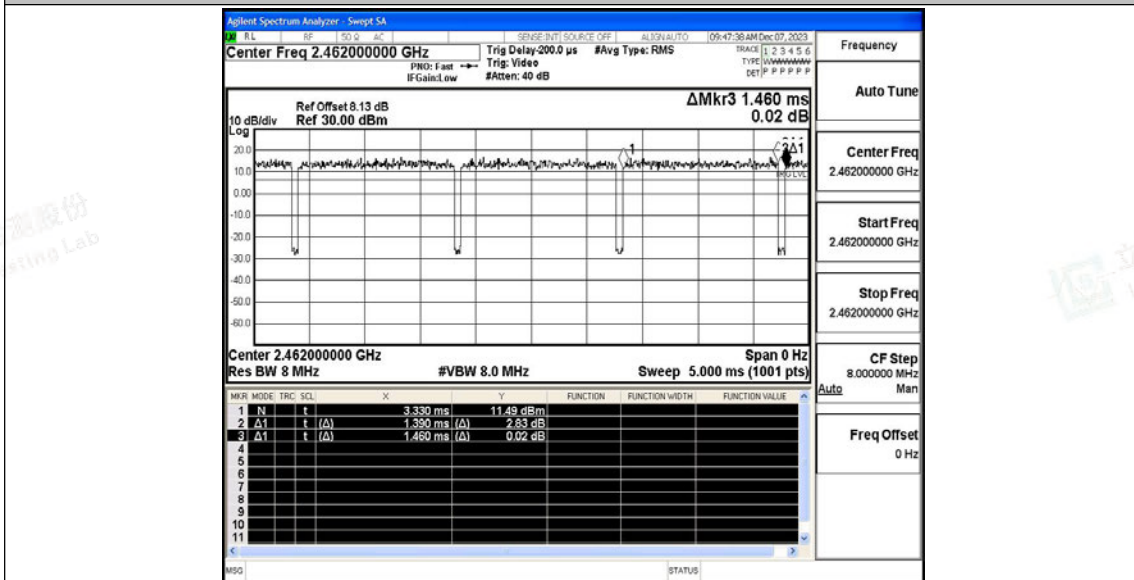


11G_Ant1_2437



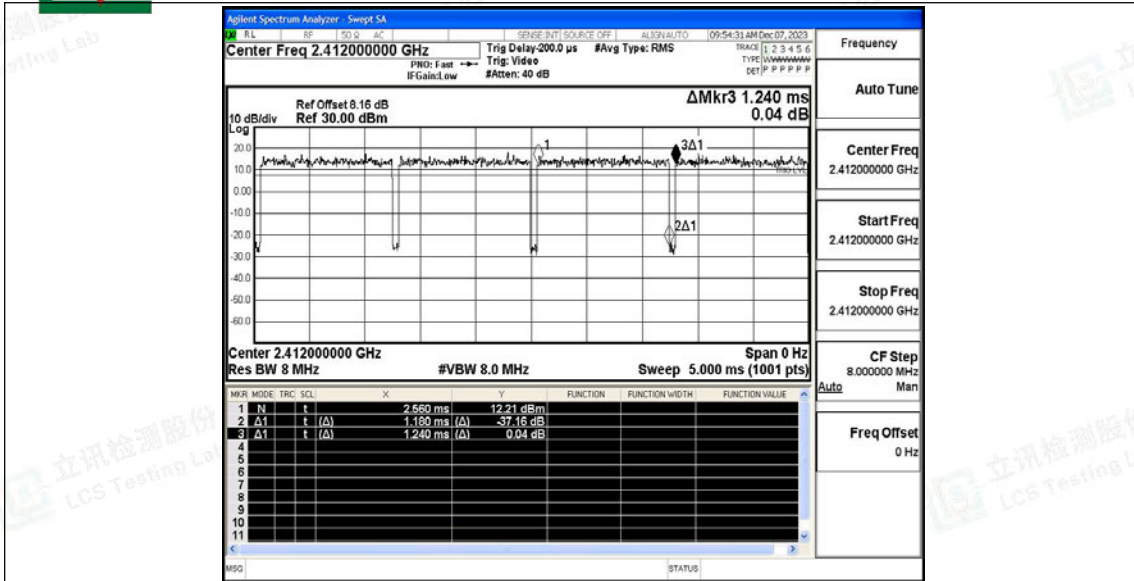


11G_Ant1_2462

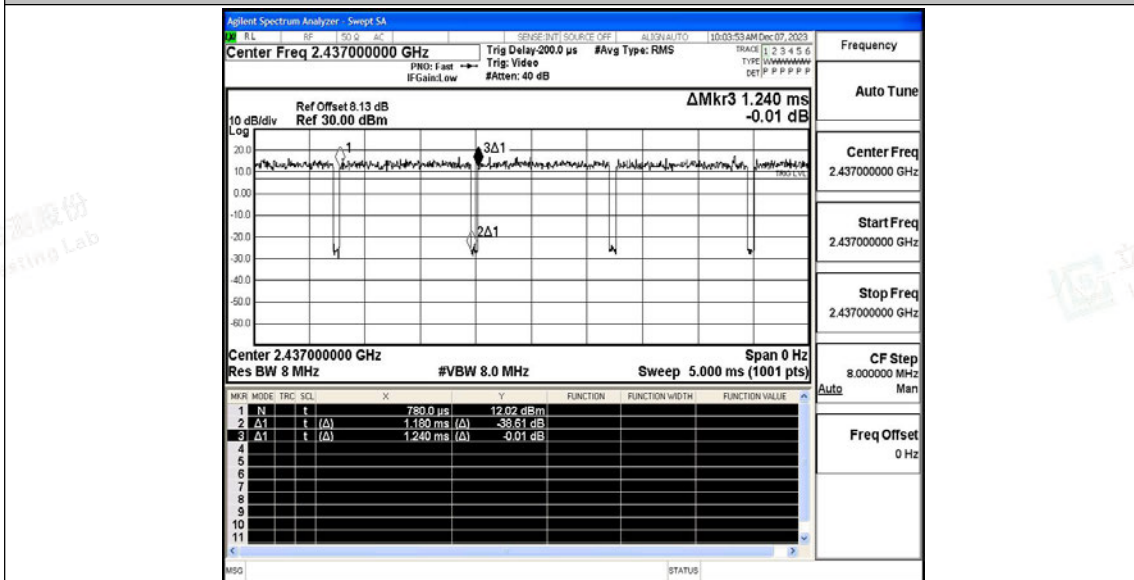


11N20SISO_Ant1_2412



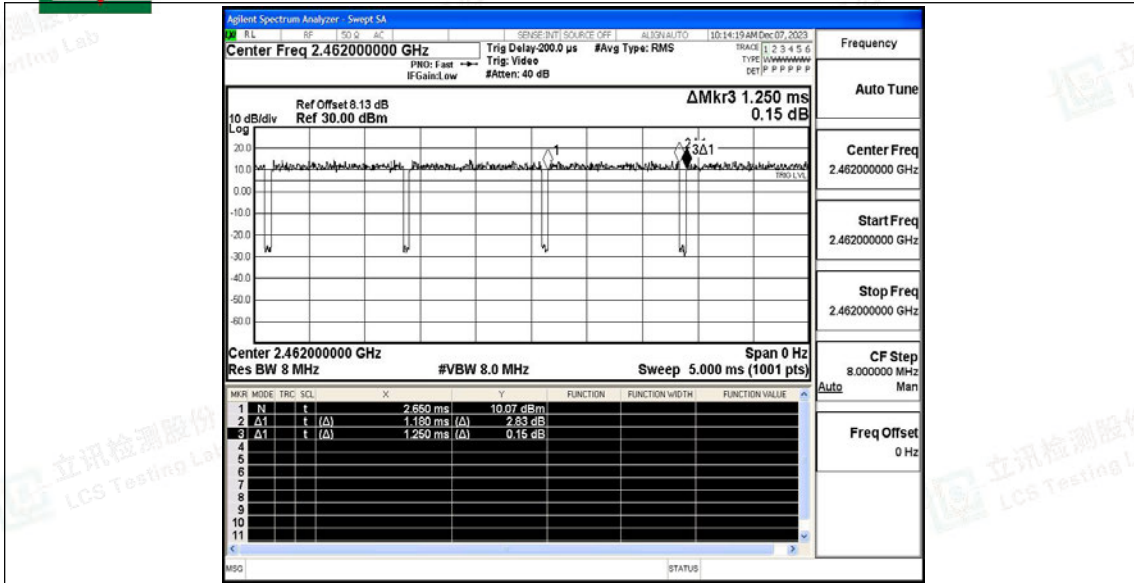


11N20SISO_Ant1_2437

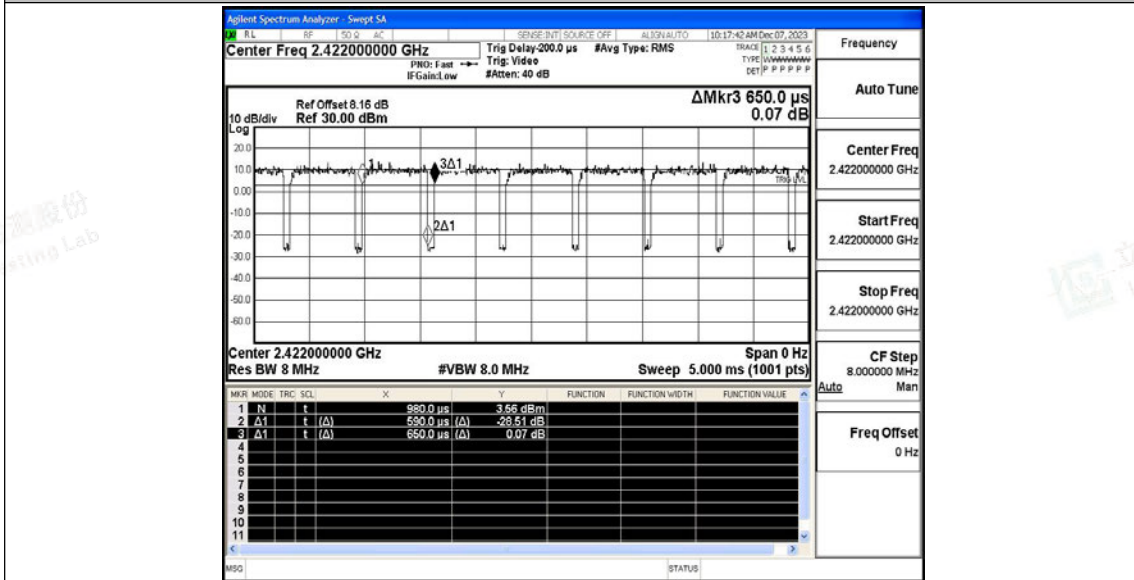


11N20SISO_Ant1_2462



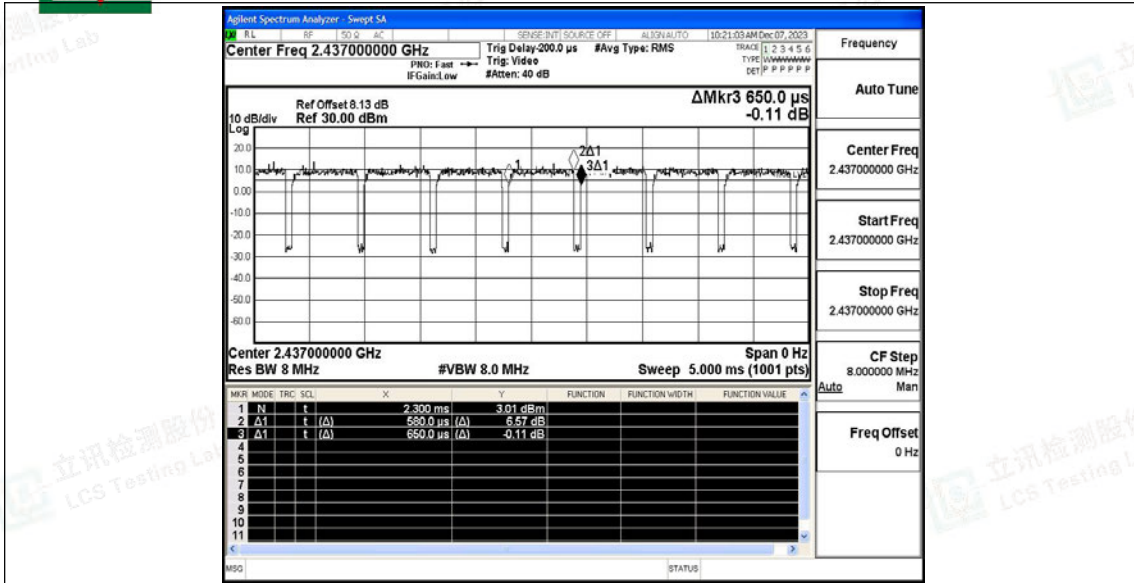


11N40SISO_Ant1_2422

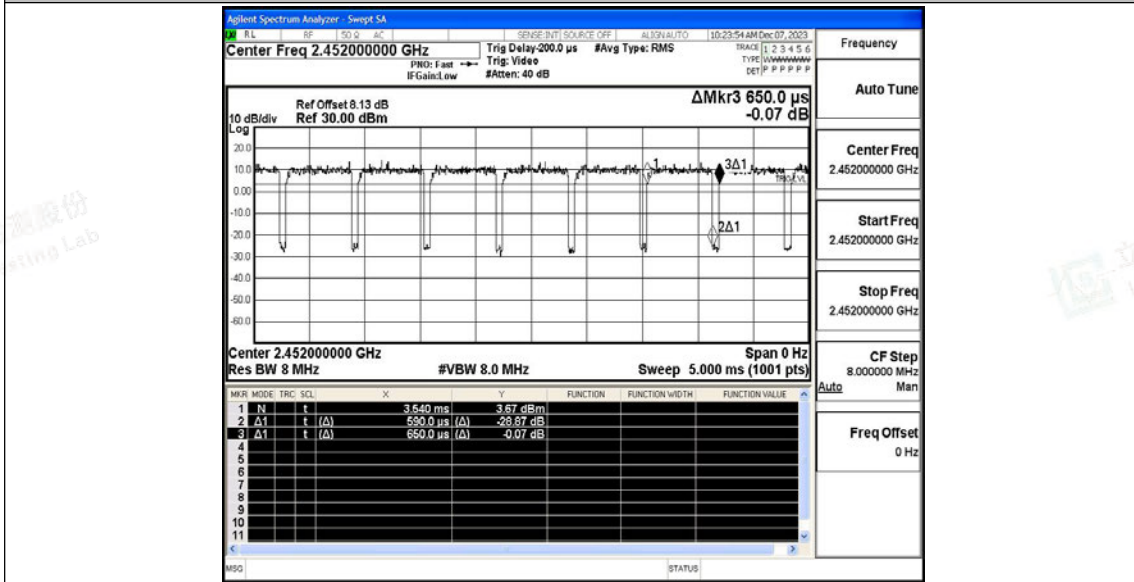


11N40SISO_Ant1_2437





11N40SISO_Ant1_2452





C.7 Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant1	Low	2412	AV	2310.000	-49.49	≤-41.20	45.71	≤54	PASS
				AV	2389.180	-48.51	≤-41.20	46.69	≤54	PASS
				AV	2390.000	-48.61	≤-41.20	46.59	≤54	PASS
				Peak	2310.000	-42.41	≤-21.20	52.79	≤74	PASS
				Peak	2379.560	-39.43	≤-21.20	55.77	≤74	PASS
				Peak	2390.000	-40.9	≤-21.20	54.30	≤74	PASS
		High	2462	AV	2483.500	-48.53	≤-41.20	46.67	≤54	PASS
				AV	2484.770	-48.12	≤-41.20	47.08	≤54	PASS
				AV	2500.000	-49.02	≤-41.20	46.18	≤54	PASS
				Peak	2483.500	-42.57	≤-21.20	52.63	≤74	PASS
				Peak	2484.660	-39.57	≤-21.20	55.63	≤74	PASS
				Peak	2500.000	-43.85	≤-21.20	51.35	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-48.94	≤-41.20	46.26	≤54	PASS
				AV	2389.960	-45.65	≤-41.20	49.55	≤54	PASS
				AV	2390.000	-45.65	≤-41.20	49.55	≤54	PASS
				Peak	2310.000	-43.4	≤-21.20	51.80	≤74	PASS
				Peak	2388.920	-36.69	≤-21.20	58.51	≤74	PASS
				Peak	2390.000	-38.2	≤-21.20	57.00	≤74	PASS
		High	2462	AV	2483.500	-42.84	≤-41.20	52.36	≤54	PASS
				AV	2483.560	-42.66	≤-41.20	52.54	≤54	PASS
				AV	2500.000	-48.58	≤-41.20	46.62	≤54	PASS
				Peak	2483.500	-35.89	≤-21.20	59.31	≤74	PASS
				Peak	2483.890	-29.59	≤-21.20	65.61	≤74	PASS
				Peak	2500.000	-41.61	≤-21.20	53.59	≤74	PASS
11N20SIS O	Ant1	Low	2412	AV	2310.000	-48.92	≤-41.20	46.28	≤54	PASS
				AV	2389.960	-45.53	≤-41.20	49.67	≤54	PASS
				AV	2390.000	-45.53	≤-41.20	49.67	≤54	PASS
				Peak	2310.000	-42.15	≤-21.20	53.05	≤74	PASS
				Peak	2388.530	-37.5	≤-21.20	57.70	≤74	PASS
				Peak	2390.000	-40.55	≤-21.20	54.65	≤74	PASS
		High	2462	AV	2483.500	-42.85	≤-41.20	52.35	≤54	PASS
				AV	2483.780	-42.17	≤-41.20	53.03	≤54	PASS
				AV	2500.000	-48.48	≤-41.20	46.72	≤54	PASS
				Peak	2483.500	-29.33	≤-21.20	65.87	≤74	PASS
				Peak	2483.890	-29.38	≤-21.20	65.82	≤74	PASS
				Peak	2483.890	-29.38	≤-21.20	65.82	≤74	PASS



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Scan code to check authenticity



11N40SIS O	Ant1	Low	2422	Peak	2500.000	-41.78	≤-21.20	53.42	≤74	PASS
				AV	2310.000	-48.69	≤-41.20	46.51	≤54	PASS
				AV	2389.960	-43.66	≤-41.20	51.54	≤54	PASS
				AV	2390.000	-43.66	≤-41.20	51.54	≤54	PASS
				Peak	2310.000	-42.29	≤-21.20	52.91	≤74	PASS
				Peak	2389.960	-34.22	≤-21.20	60.98	≤74	PASS
		High	2452	AV	2483.500	-44.69	≤-41.20	50.51	≤54	PASS
				AV	2484.000	-44.65	≤-41.20	50.55	≤54	PASS
				AV	2500.000	-48.09	≤-41.20	47.11	≤54	PASS
				Peak	2483.500	-32.7	≤-21.20	62.50	≤74	PASS
				Peak	2483.560	-32.76	≤-21.20	62.44	≤74	PASS
				Peak	2500.000	-41.5	≤-21.20	53.70	≤74	PASS

Note:

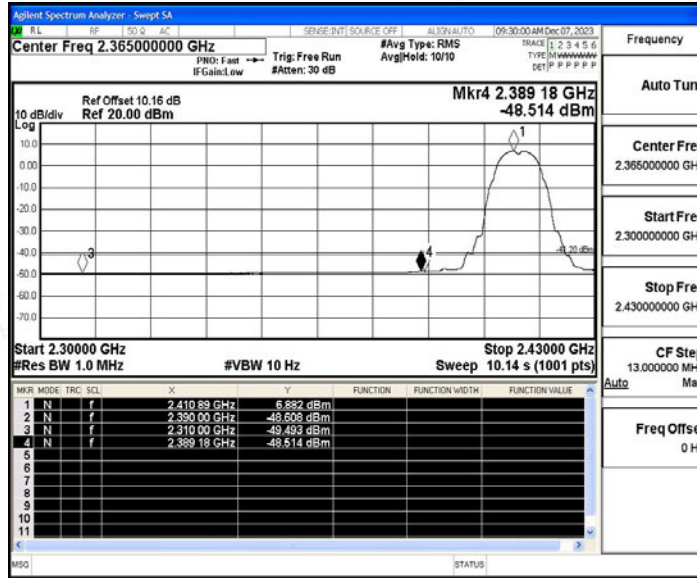
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.



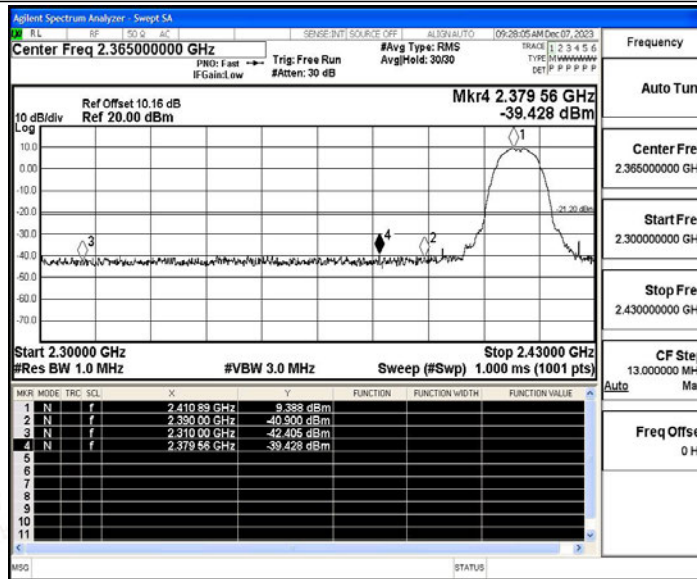


Test Graphs

11B_Ant1_Low_2412_AV

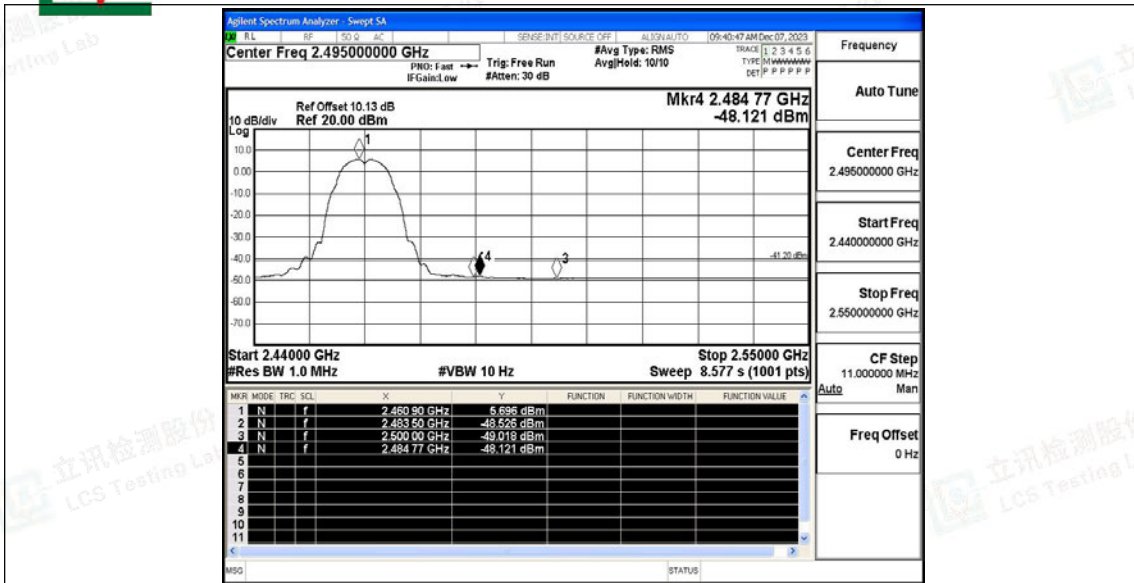


11B_Ant1_Low_2412_Peak

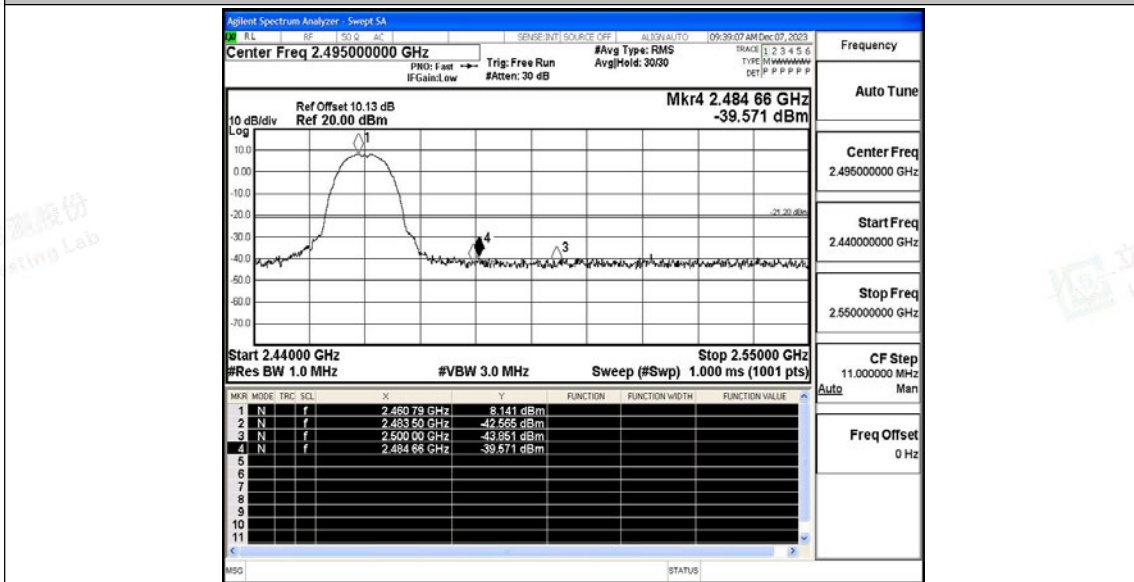


11B_Ant1_High_2462_AV



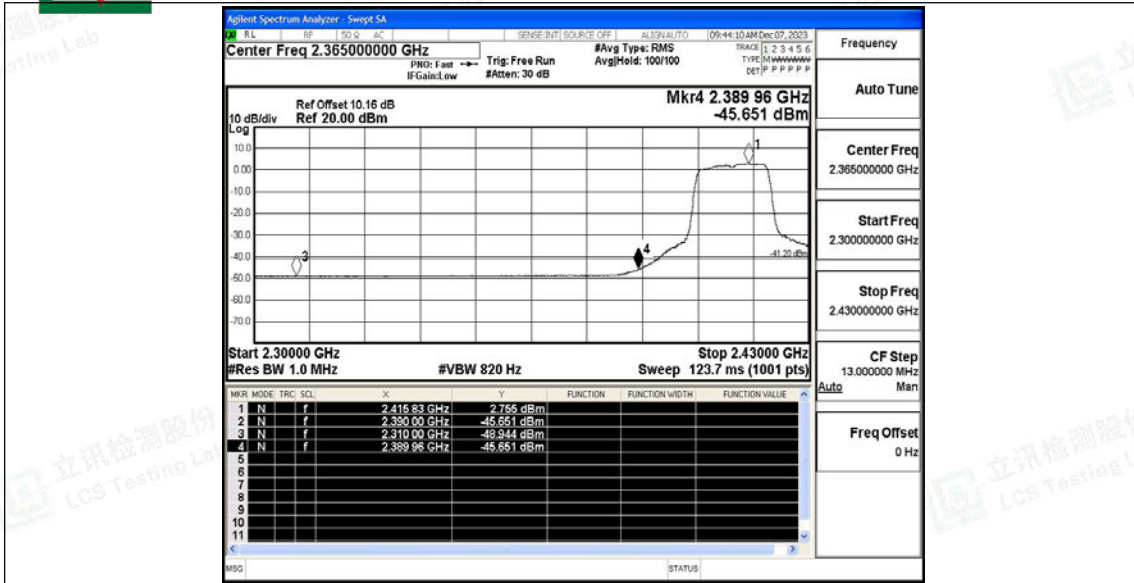


11B_Ant1_High_2462_Peak

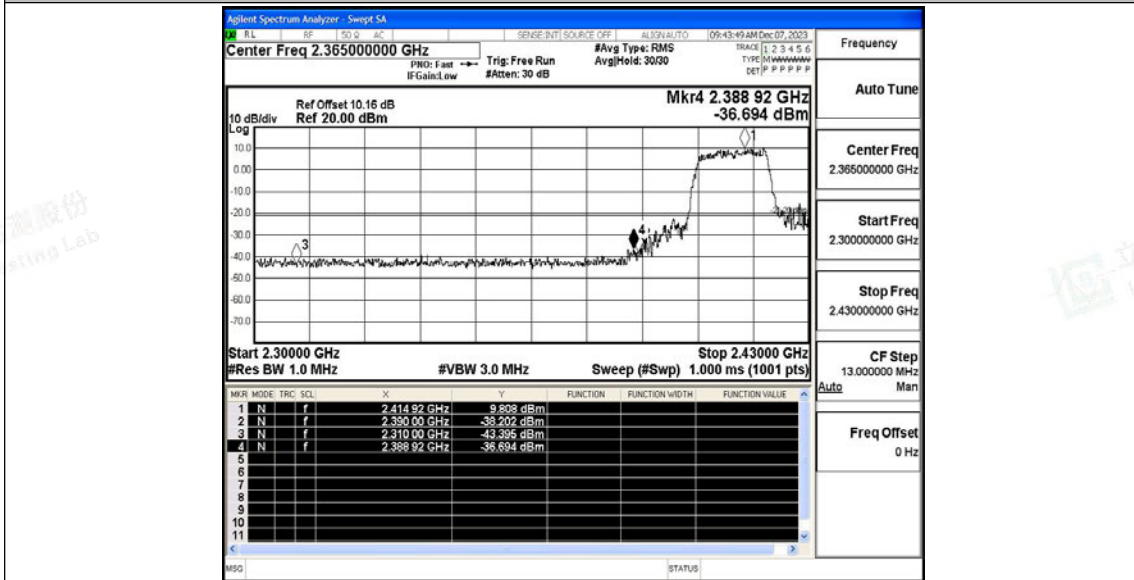


11G_Ant1_Low_2412_AV



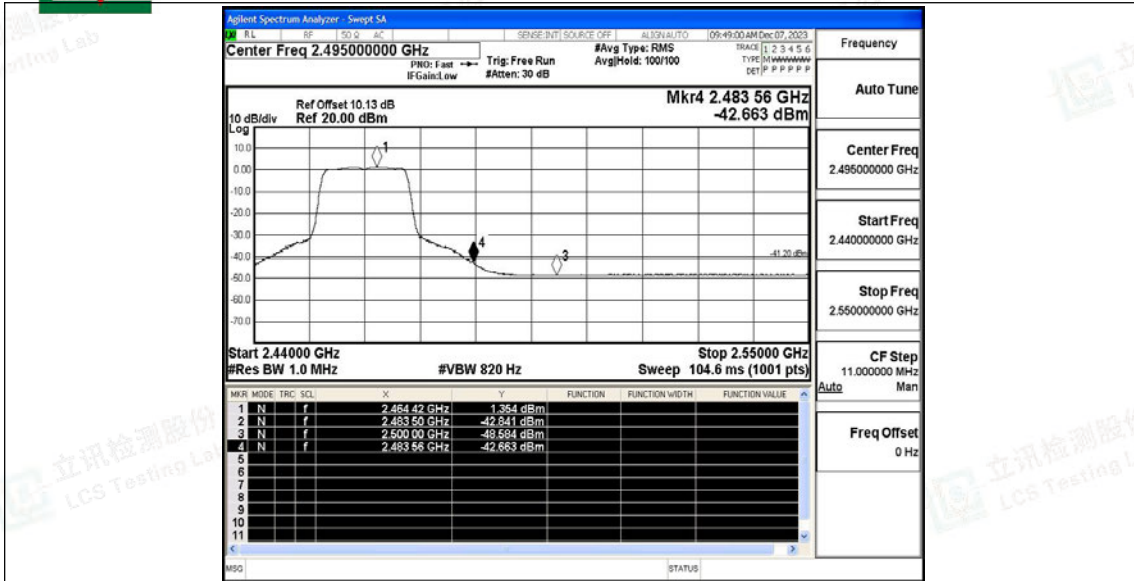


11G_Ant1_Low_2412_Peak

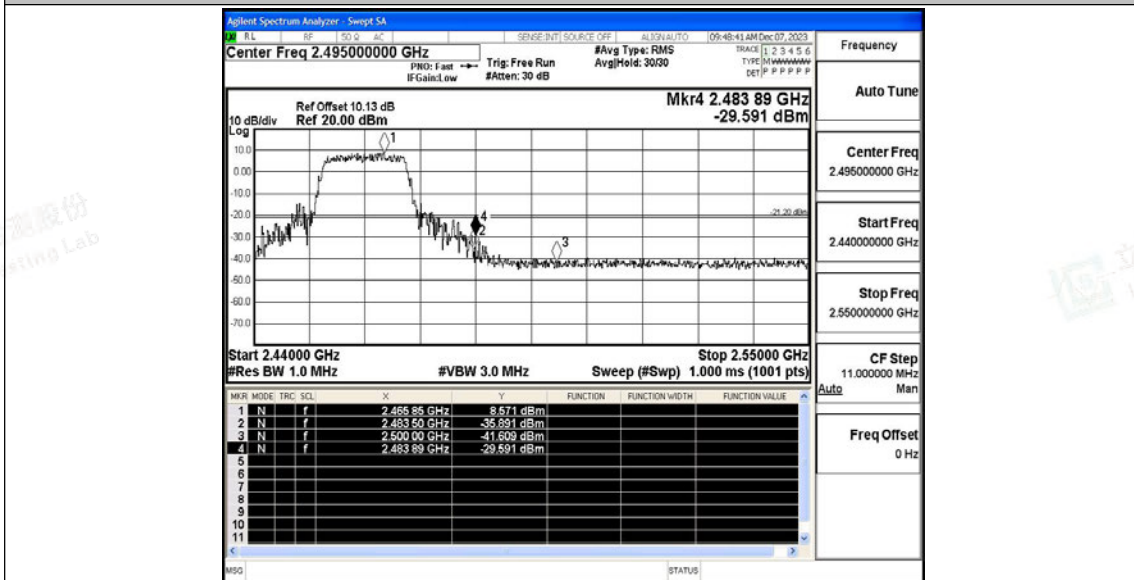


11G_Ant1_High_2462_AV



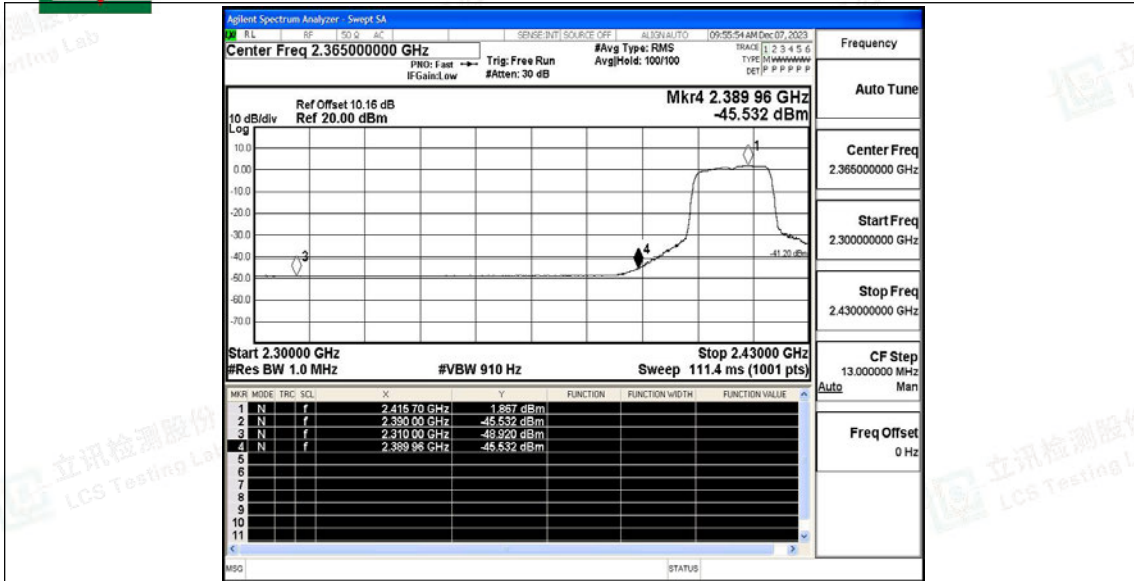


11G_Ant1_High_2462_Peak

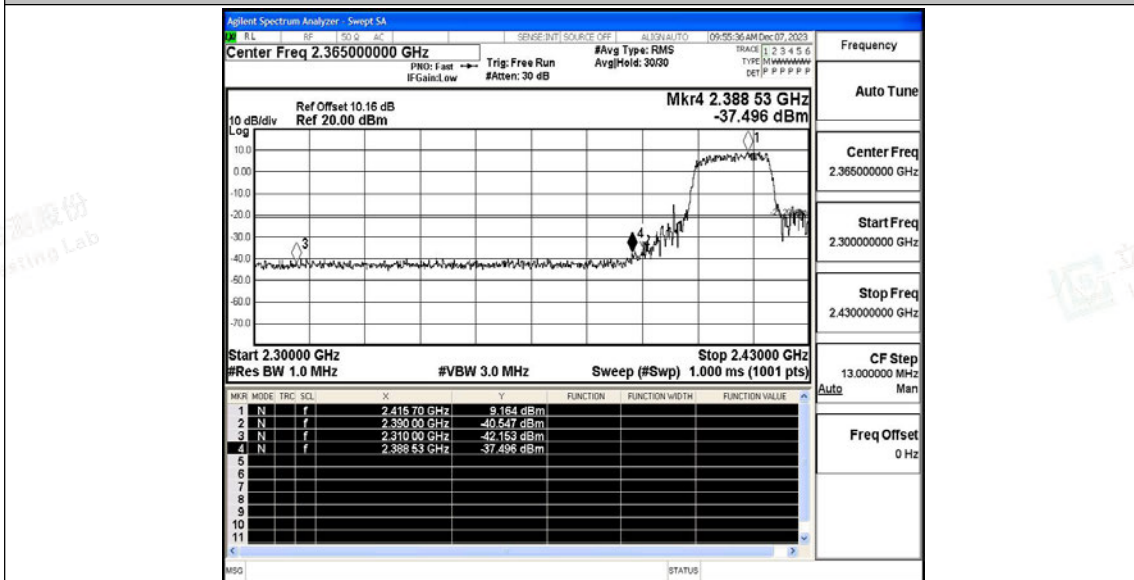


11N20SISO_Ant1_Low_2412_AV



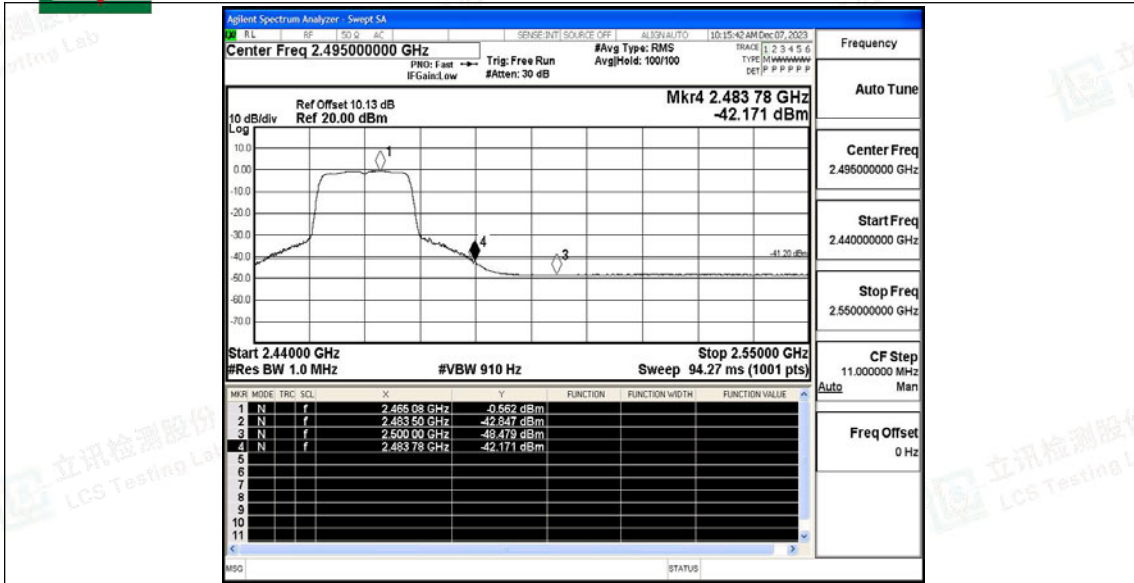


11N20SISO_Ant1_Low_2412_Peak

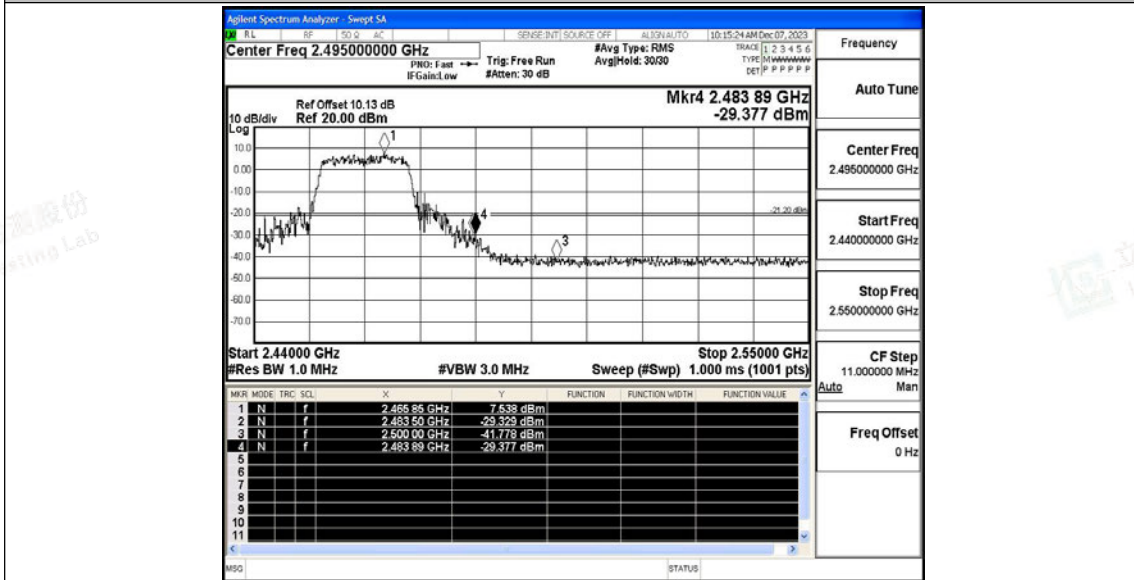


11N20SISO_Ant1_High_2462_AV



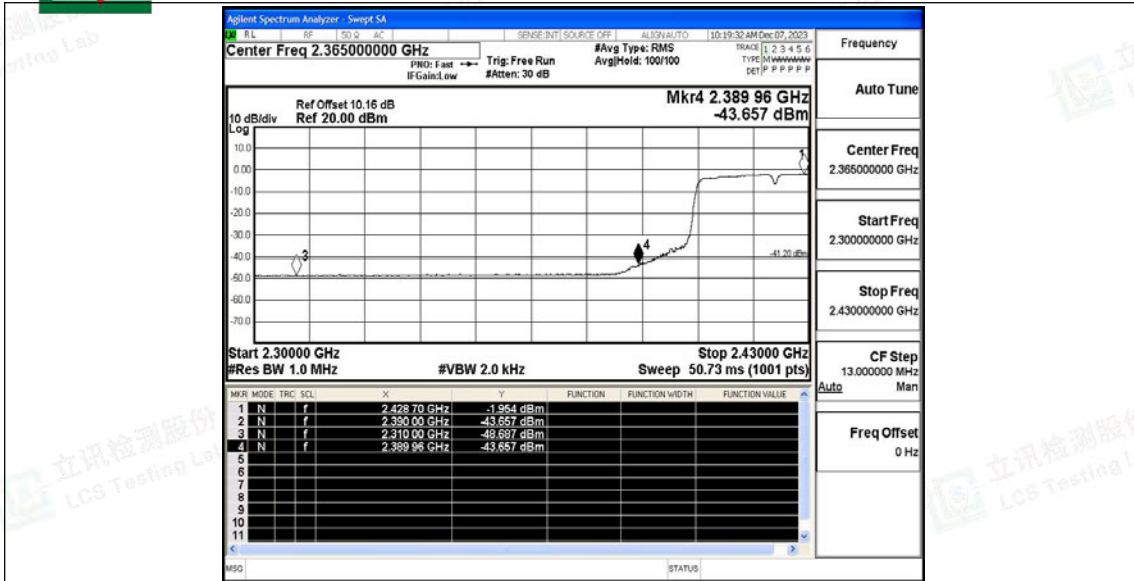


11N20SISO_Ant1_High_2462_Peak

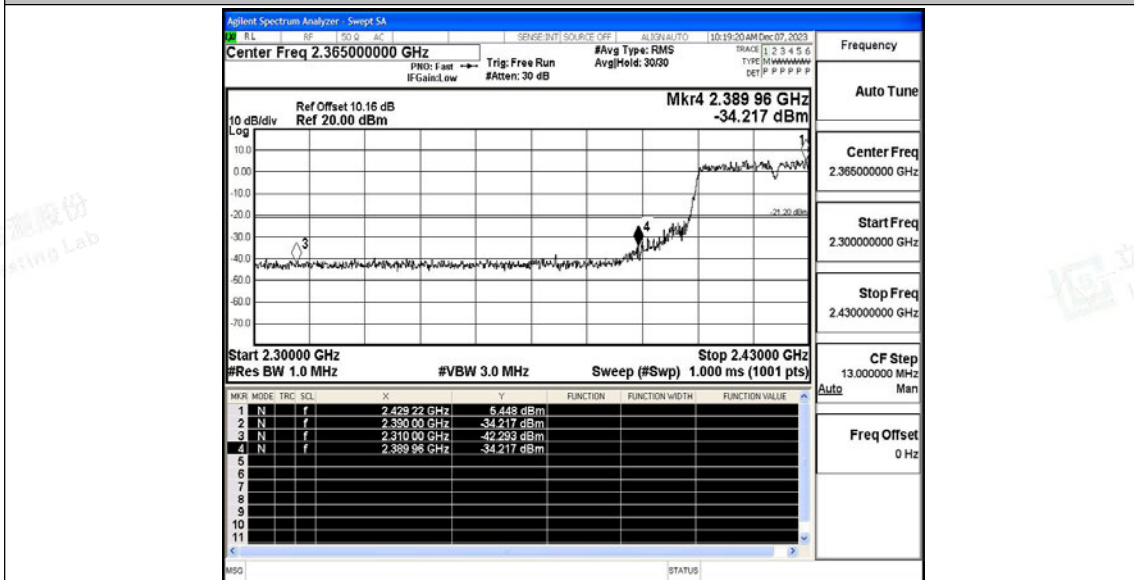


11N40SISO_Ant1_Low_2422_AV



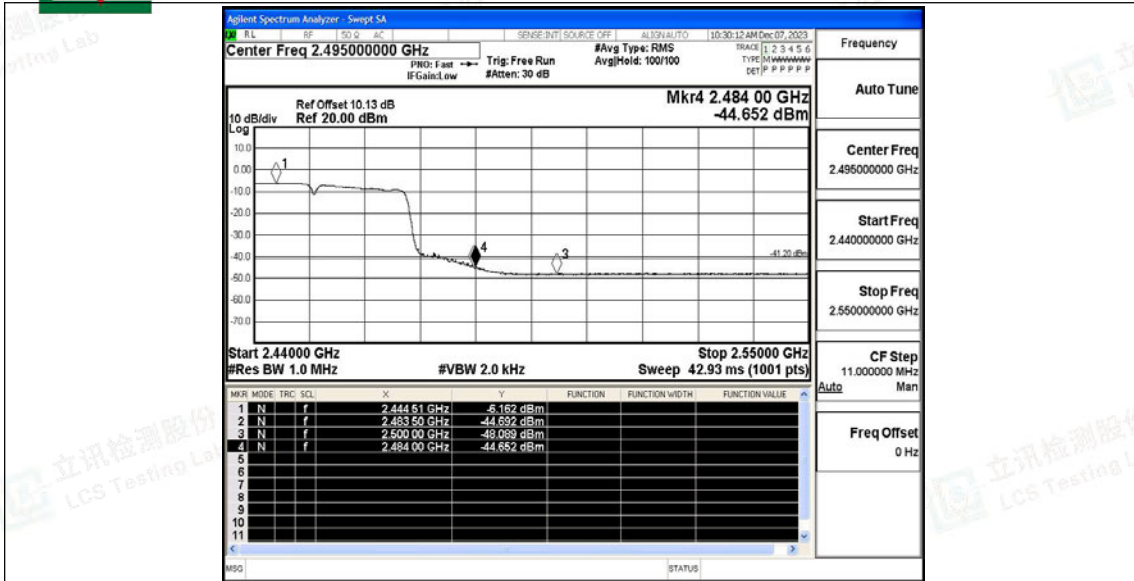


11N40SISO_Ant1_Low_2422_Peak



11N40SISO_Ant1_High_2452_AV





11N40SISO_Ant1_High_2452_Peak

