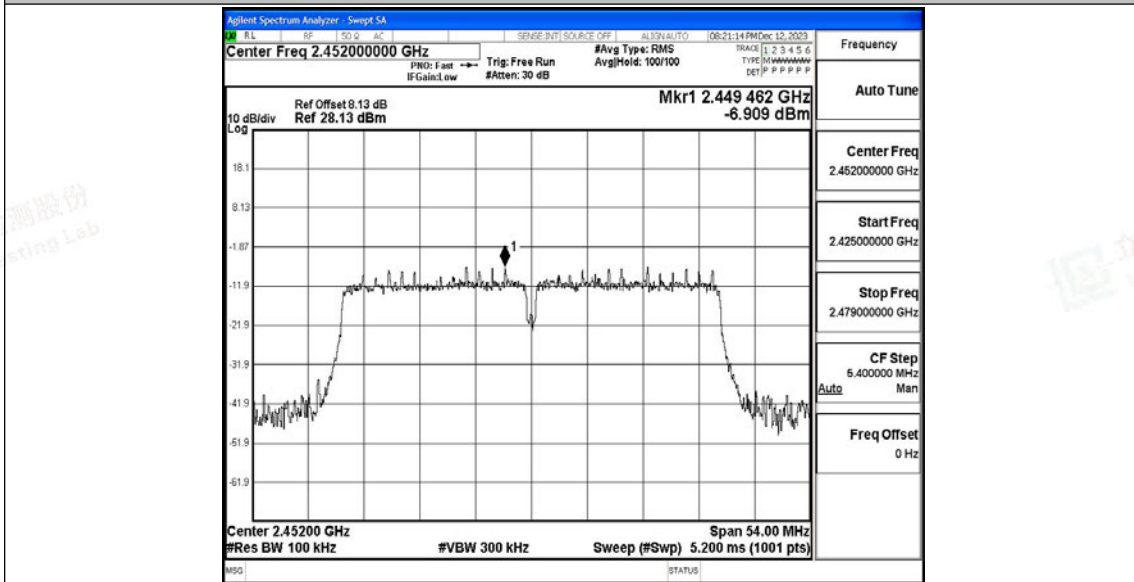


11N40SISO_Ant1_2452





C.6 Duty Cycle

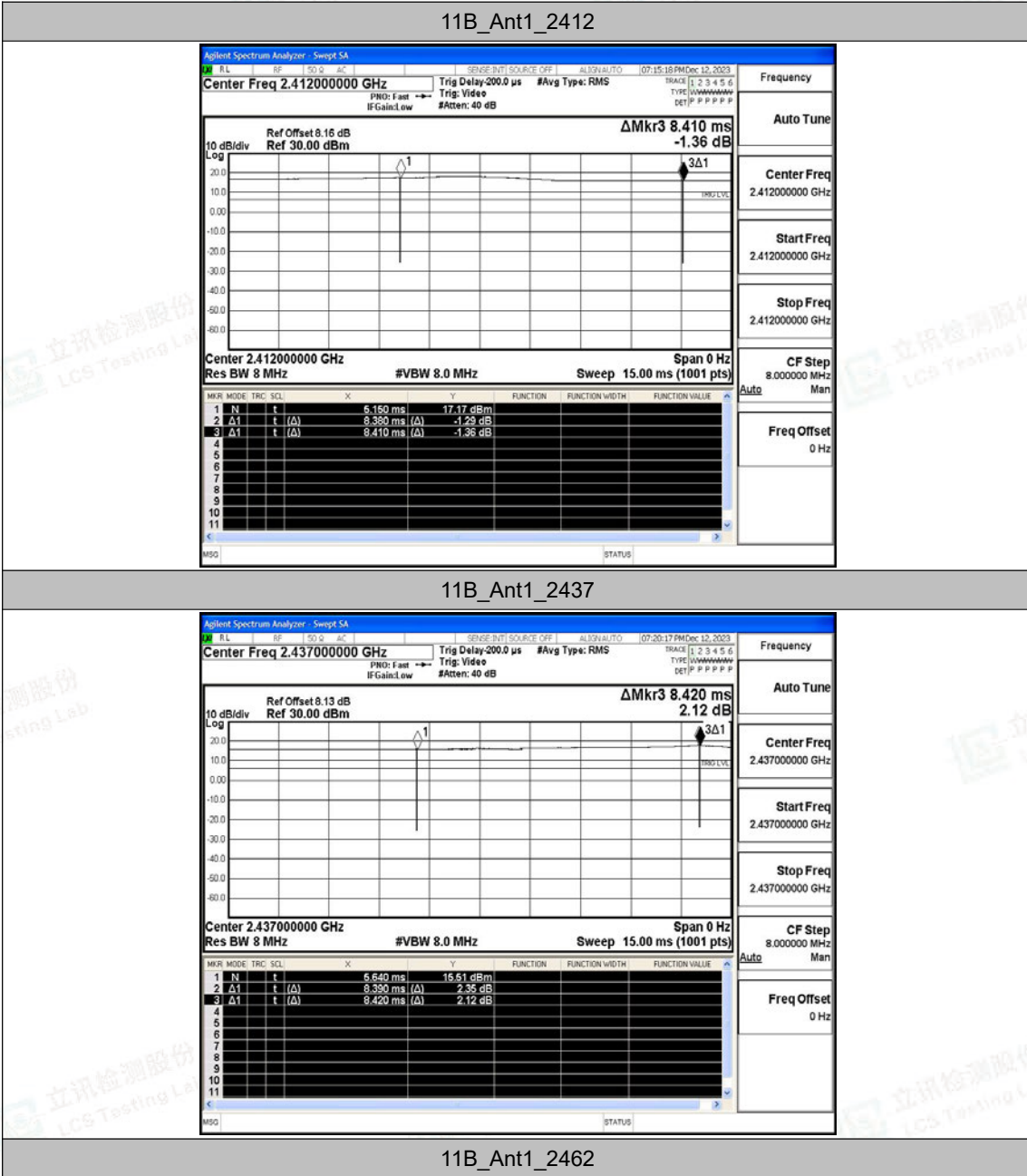
Test Result

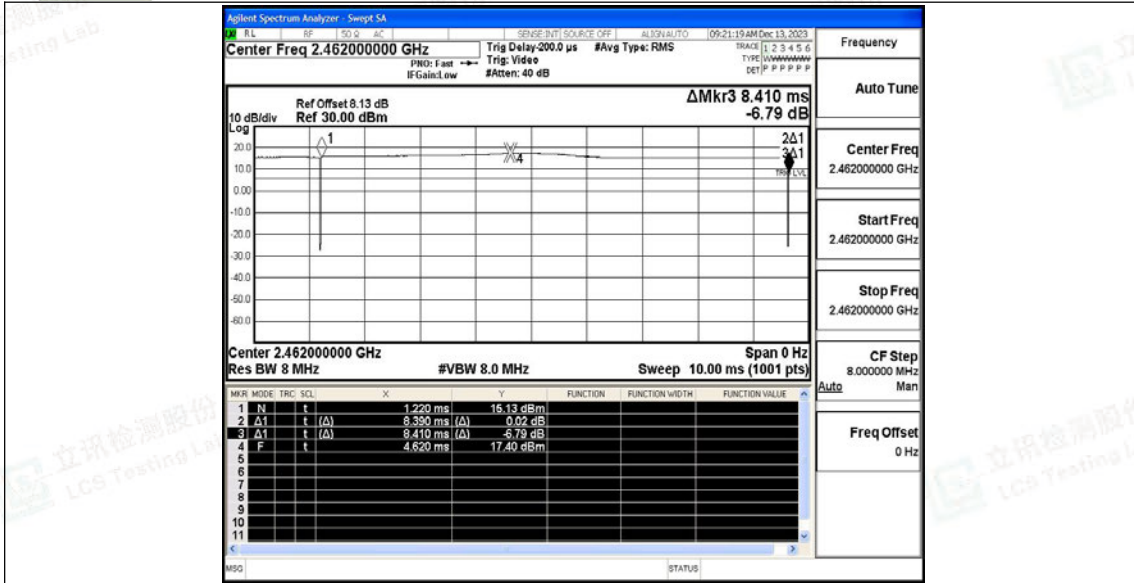
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor	1/T Factor[kHz]	Verdict
11B	Ant1	2412	8.38	8.41	99.64	0.02	0.12	---
		2437	8.39	8.42	99.64	0.02	0.12	---
		2462	8.39	8.41	99.76	0.01	0.12	---
11G	Ant1	2412	1.39	1.42	97.89	0.09	0.72	---
		2437	1.39	1.42	97.89	0.09	0.72	---
		2462	1.39	1.43	97.20	0.12	0.72	---
11N20SISO	Ant1	2412	1.30	1.34	97.01	0.13	0.77	---
		2437	1.30	1.34	97.01	0.13	0.77	---
		2462	1.30	1.34	97.01	0.13	0.77	---
11N40SISO	Ant1	2422	0.65	0.68	95.59	0.20	1.54	---
		2437	0.65	0.68	95.59	0.20	1.54	---
		2452	0.65	0.68	95.59	0.20	1.54	---



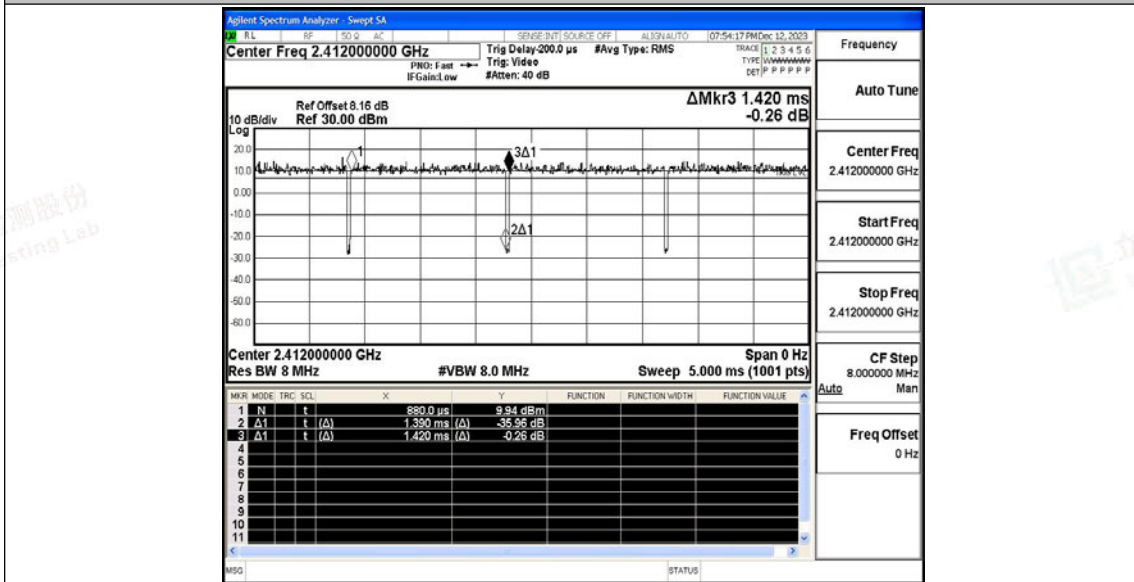


Test Graphs



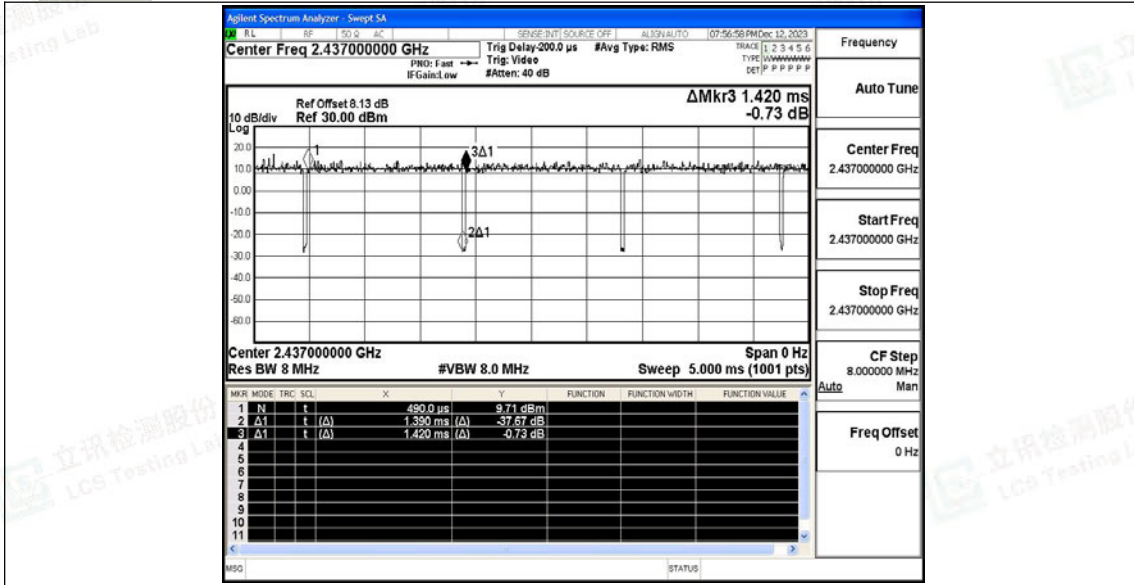


11G_Ant1_2412

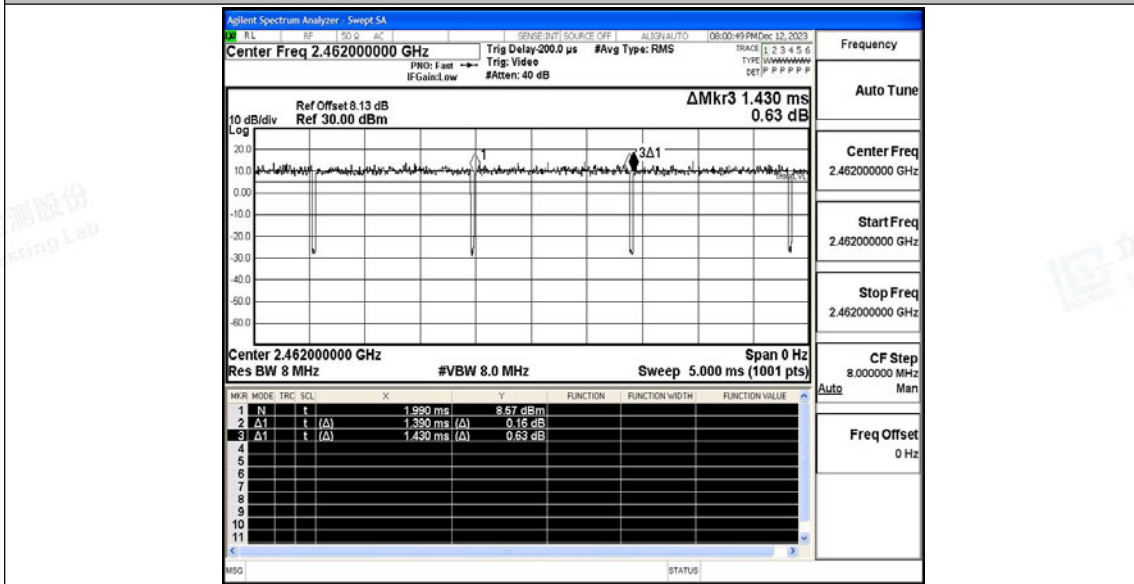


11G_Ant1_2437



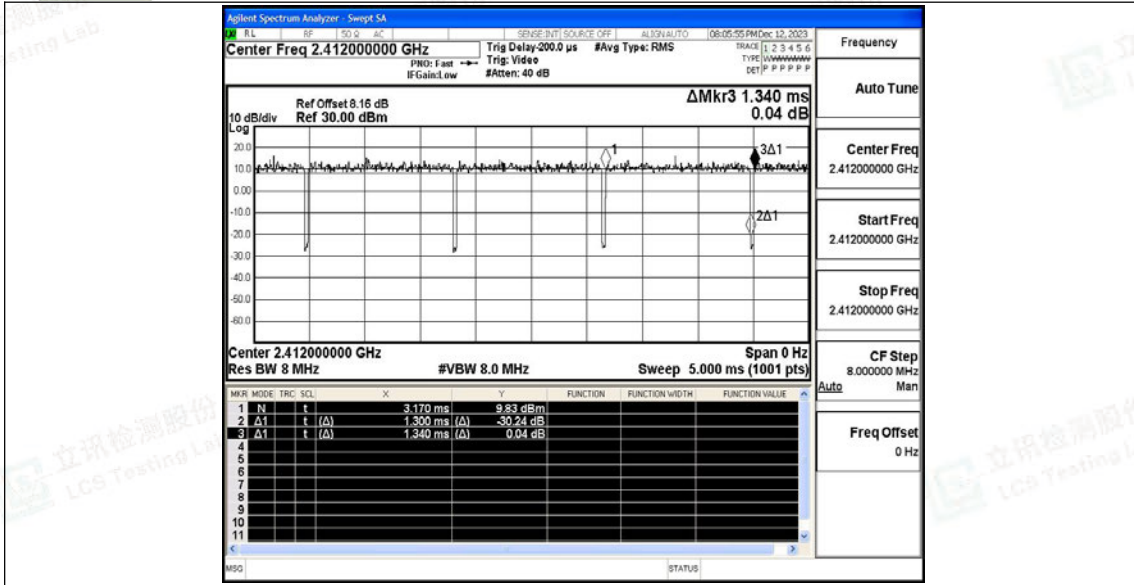


11G_Ant1_2462

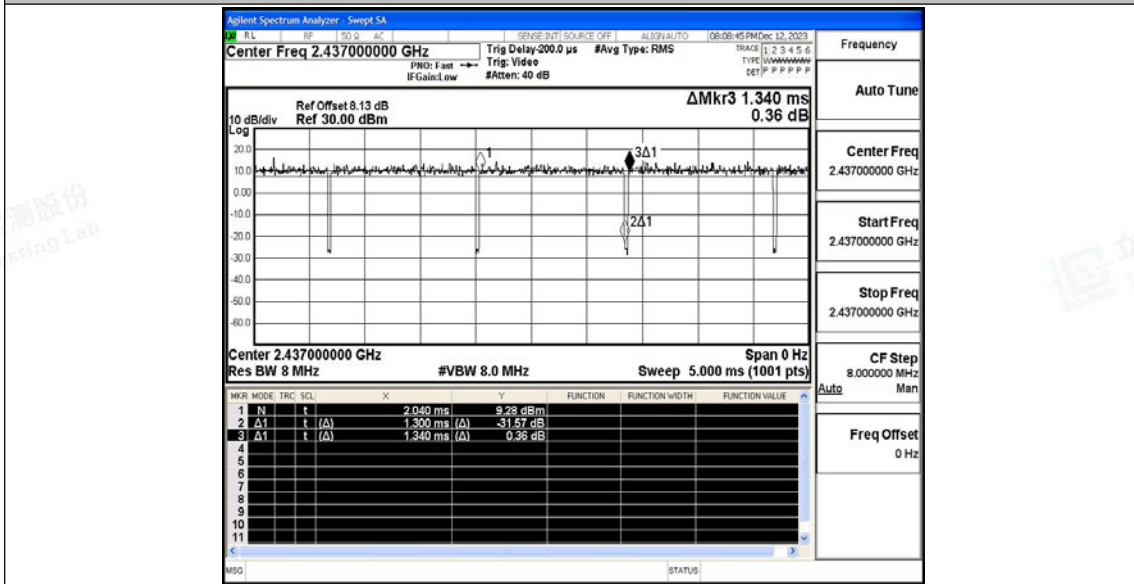


11N20SISO_Ant1_2412



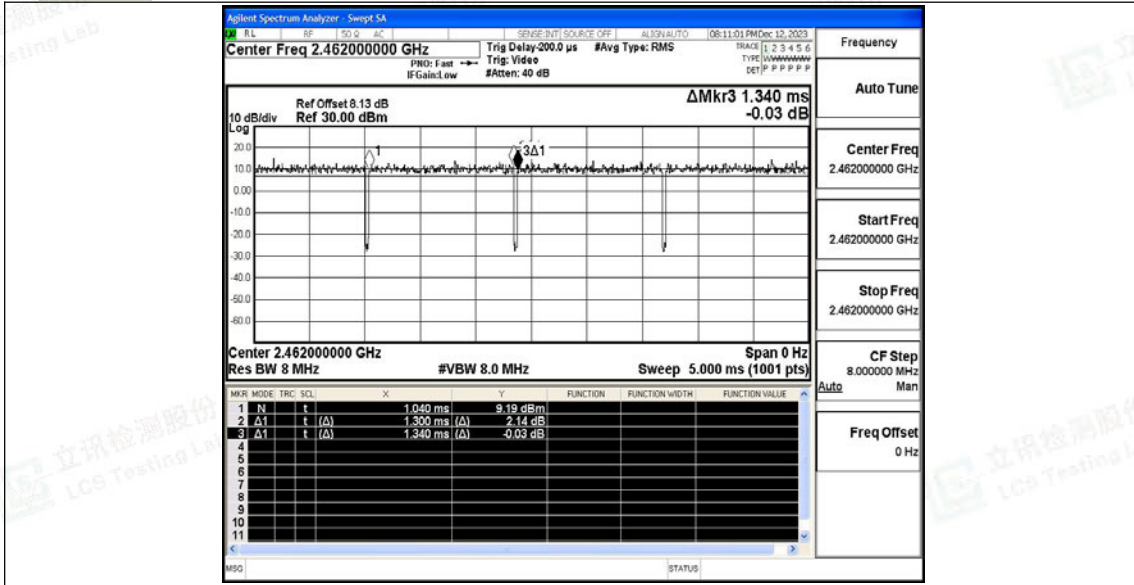


11N20SISO_Ant1_2437

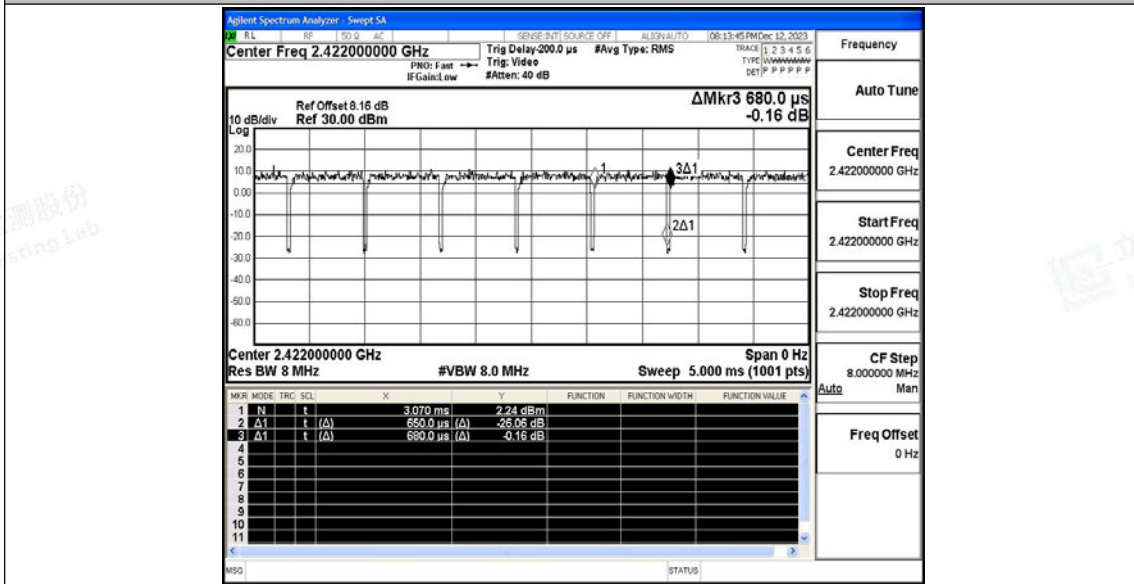


11N20SISO_Ant1_2462



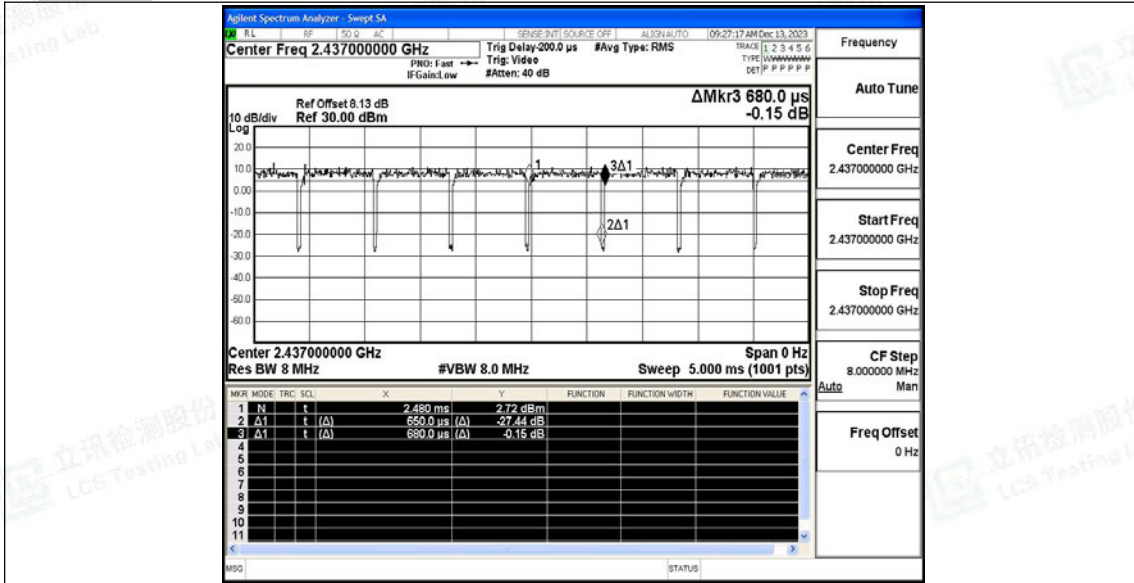


11N40SISO_Ant1_2422

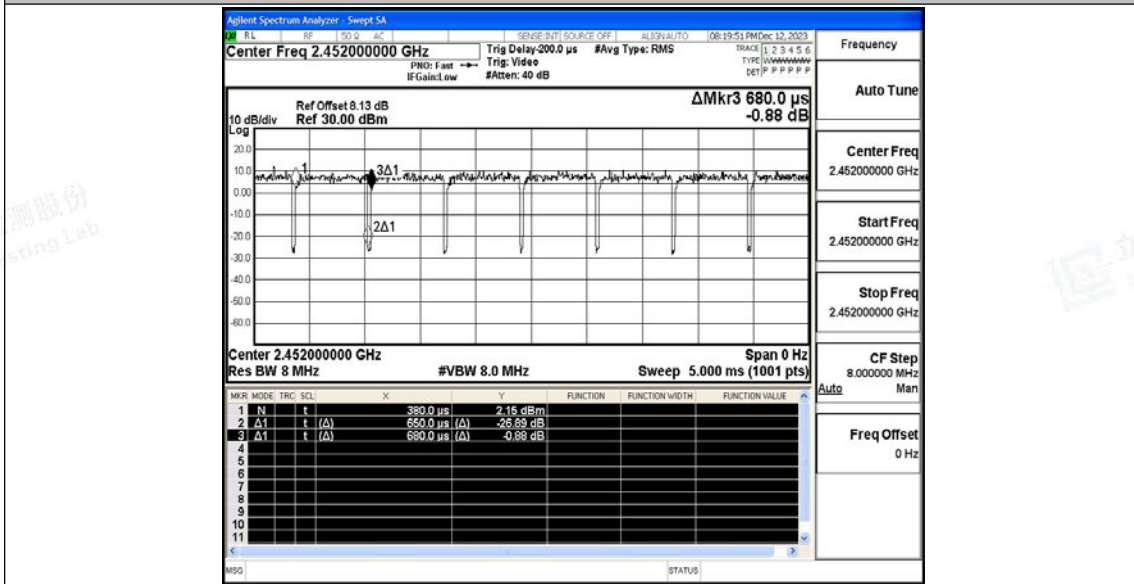


11N40SISO_Ant1_2437





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	-49.43	≤-41.20	45.77	≤54	PASS
				AV	2389.960	-48.37	≤-41.20	46.83	≤54	PASS
				AV	2390.000	-48.37	≤-41.20	46.83	≤54	PASS
				Peak	2310.000	-43.17	≤-21.20	52.03	≤74	PASS
				Peak	2383.720	-39.36	≤-21.20	55.84	≤74	PASS
				Peak	2390.000	-40.57	≤-21.20	54.63	≤74	PASS
		High	2462	AV	2483.500	-48.45	≤-41.20	46.75	≤54	PASS
				AV	2486.310	-47.99	≤-41.20	47.21	≤54	PASS
				AV	2500.000	-48.93	≤-41.20	46.27	≤54	PASS
				Peak	2483.500	-43.69	≤-21.20	51.51	≤74	PASS
				Peak	2493.460	-38.47	≤-21.20	56.73	≤74	PASS
				Peak	2500.000	-40.43	≤-21.20	54.77	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-48.89	≤-41.20	46.31	≤54	PASS
				AV	2389.960	-46.7	≤-41.20	48.50	≤54	PASS
				AV	2390.000	-46.7	≤-41.20	48.50	≤54	PASS
				Peak	2310.000	-43.09	≤-21.20	52.11	≤74	PASS
				Peak	2383.850	-37.95	≤-21.20	57.25	≤74	PASS
				Peak	2390.000	-42.43	≤-21.20	52.77	≤74	PASS
		High	2462	AV	2483.500	-46.22	≤-41.20	48.98	≤54	PASS
				AV	2483.780	-46.12	≤-41.20	49.08	≤54	PASS
				AV	2500.000	-47.85	≤-41.20	47.35	≤54	PASS
				Peak	2483.500	-40.37	≤-21.20	54.83	≤74	PASS
				Peak	2484.000	-38.63	≤-21.20	56.57	≤74	PASS
				Peak	2500.000	-41.08	≤-21.20	54.12	≤74	PASS
11N20SIS O	Ant1	Low	2412	AV	2310.000	-48.87	≤-41.20	46.33	≤54	PASS
				AV	2389.830	-45.6	≤-41.20	49.60	≤54	PASS
				AV	2390.000	-45.67	≤-41.20	49.53	≤54	PASS
				Peak	2310.000	-41.99	≤-21.20	53.21	≤74	PASS
				Peak	2389.050	-35.57	≤-21.20	59.63	≤74	PASS
				Peak	2390.000	-41.86	≤-21.20	53.34	≤74	PASS
		High	2462	AV	2483.500	-45.14	≤-41.20	50.06	≤54	PASS
				AV	2483.560	-45.21	≤-41.20	49.99	≤54	PASS
				AV	2500.000	-47.87	≤-41.20	47.33	≤54	PASS
				Peak	2483.500	-37.26	≤-21.20	57.94	≤74	PASS





11N40SIS O	Ant1	Low	2422	Peak	2485.210	-36.19	≤-21.20	59.01	≤74	PASS
				Peak	2500.000	-42.8	≤-21.20	52.40	≤74	PASS
	Ant1	Low	2422	AV	2310.000	-48.74	≤-41.20	46.46	≤54	PASS
				AV	2389.570	-42.17	≤-41.20	53.03	≤54	PASS
				AV	2390.000	-42.35	≤-41.20	52.85	≤54	PASS
				Peak	2310.000	-43.52	≤-21.20	51.68	≤74	PASS
				Peak	2387.490	-29	≤-21.20	66.20	≤74	PASS
				Peak	2390.000	-38.27	≤-21.20	56.93	≤74	PASS
		High	2452	AV	2483.500	-41.72	≤-41.20	53.48	≤54	PASS
				AV	2483.890	-41.55	≤-41.20	53.65	≤54	PASS
				AV	2500.000	-46.48	≤-41.20	48.72	≤54	PASS
				Peak	2483.500	-35.1	≤-21.20	60.10	≤74	PASS
	High	2452	Peak	2485.650	-25	≤-21.20	70.20	≤74	PASS	
			Peak	2500.000	-38.21	≤-21.20	56.99	≤74	PASS	

Note:

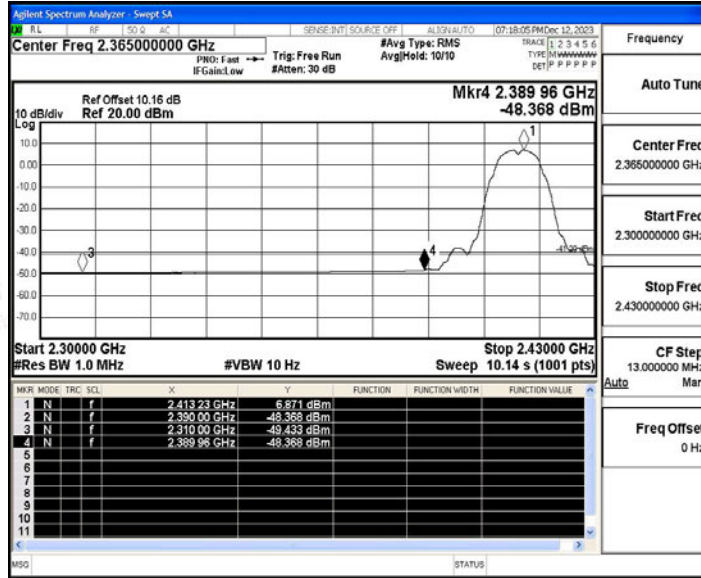
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.



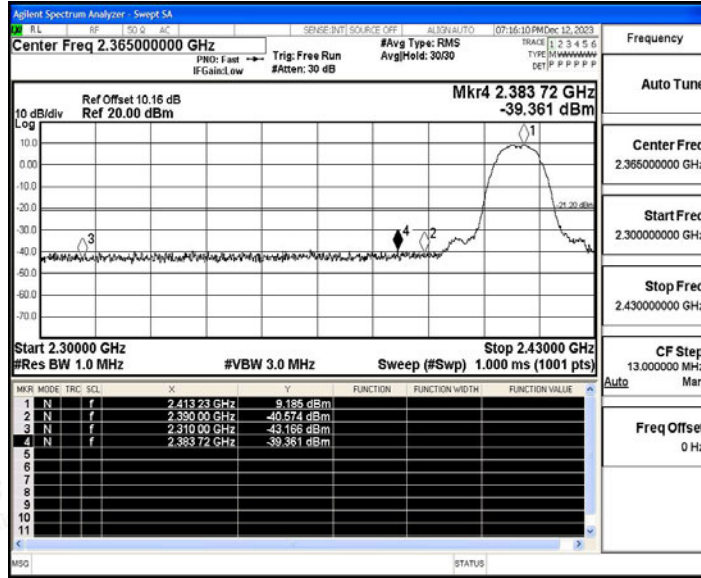


Test Graphs

11B_Ant1_Low_2412_AV

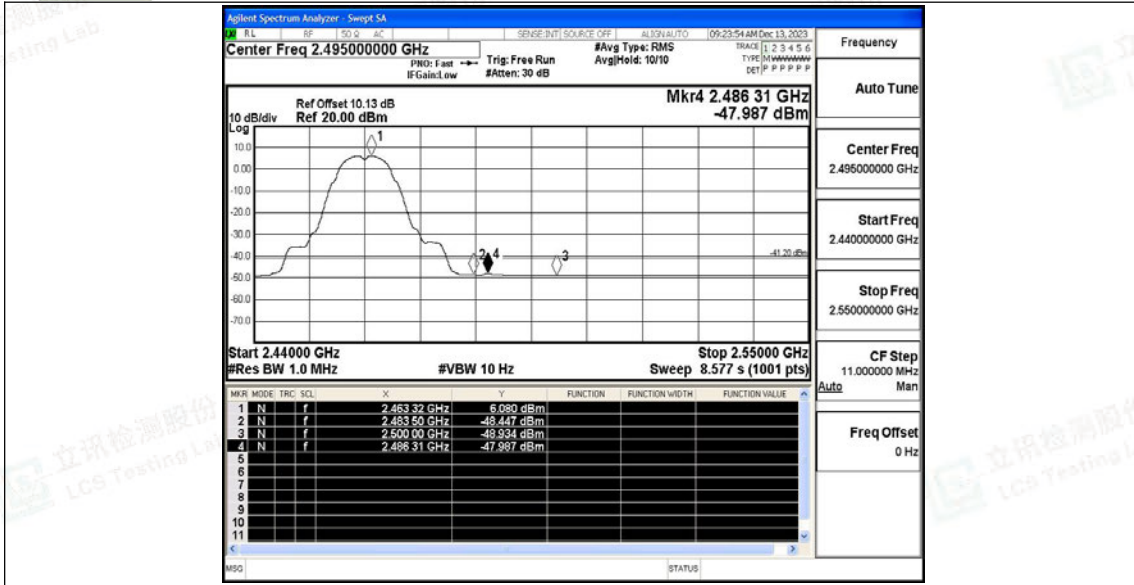


11B_Ant1_Low_2412_Peak

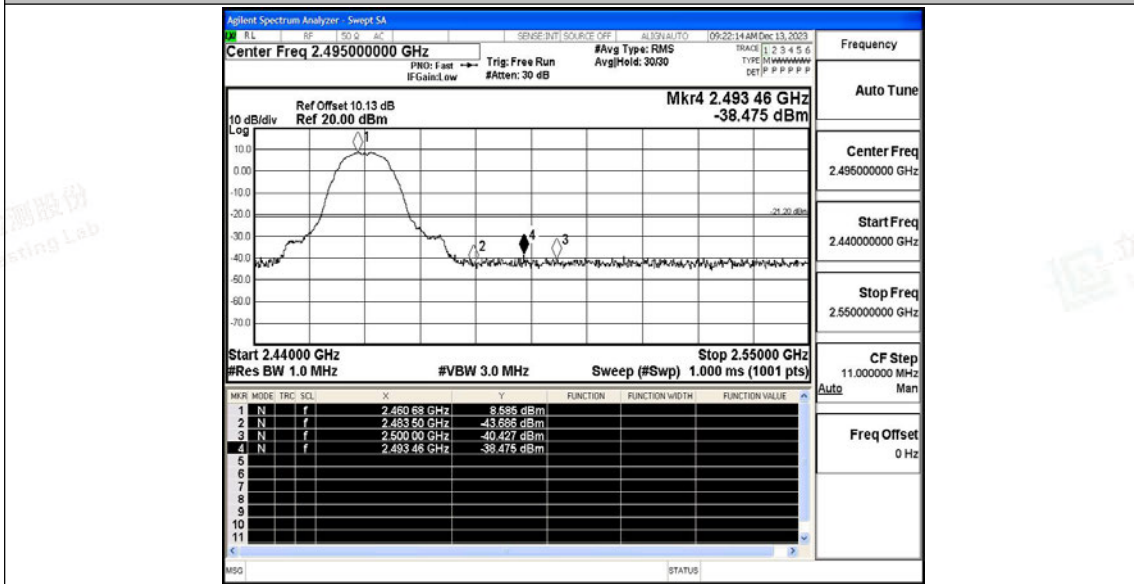


11B_Ant1_High_2462_AV



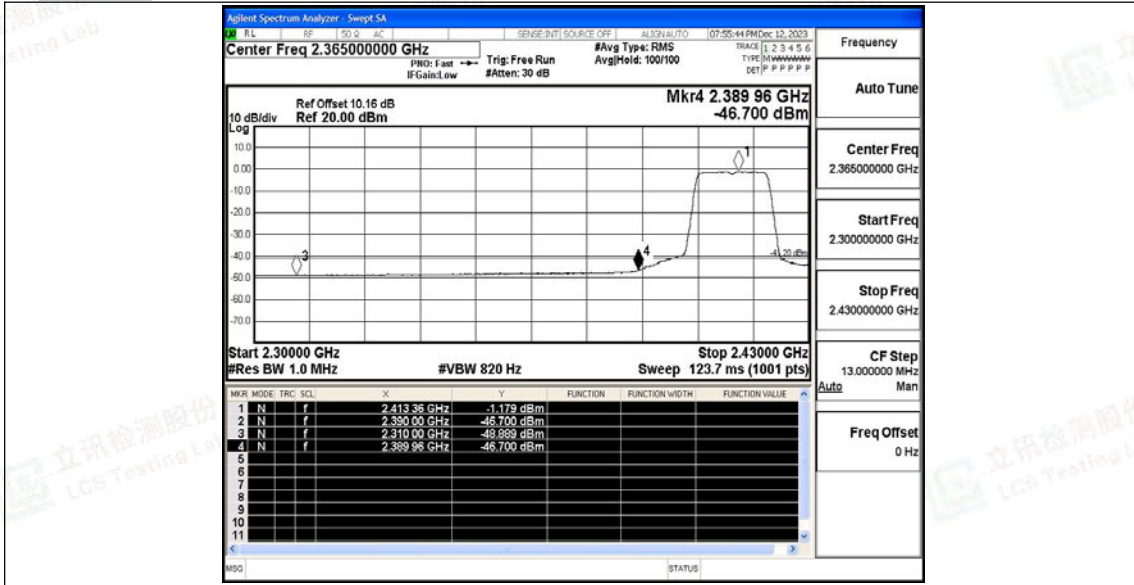


11B_Ant1_High_2462_Peak

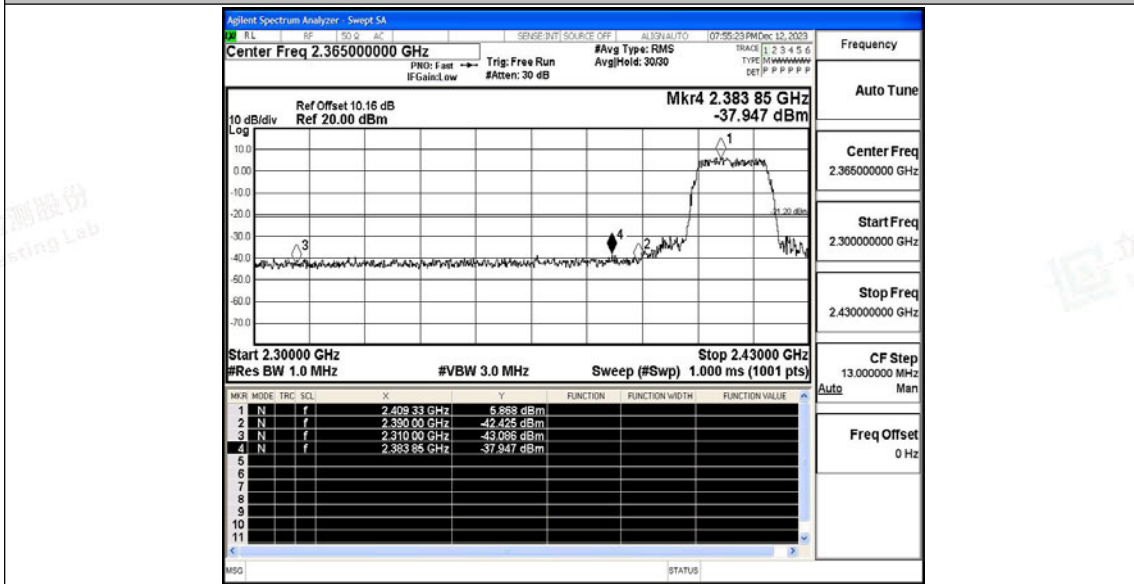


11G_Ant1_Low_2412_AV



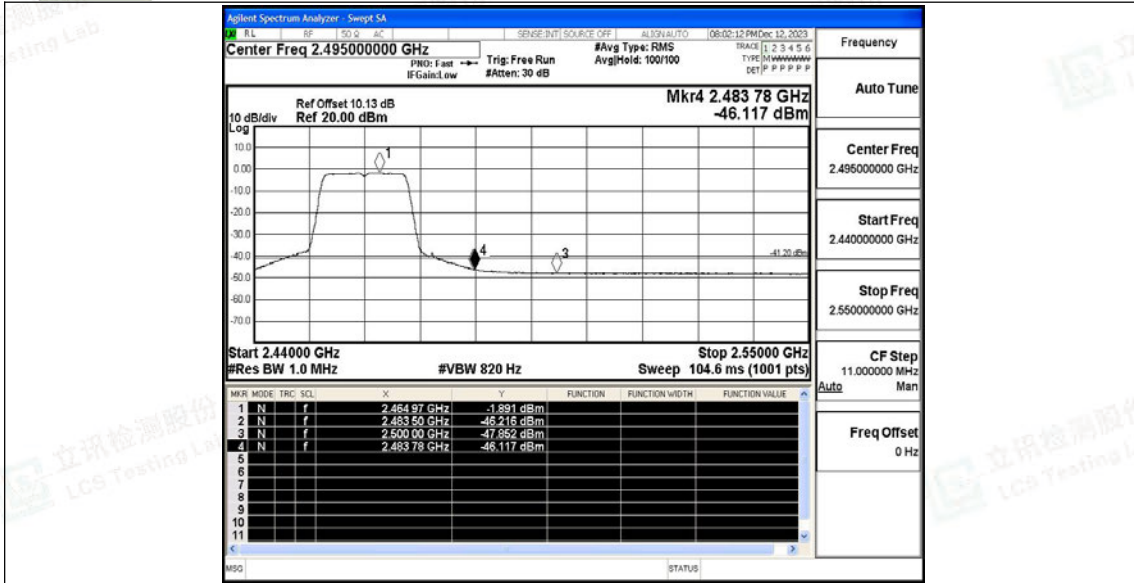


11G_Ant1_Low_2412_Peak

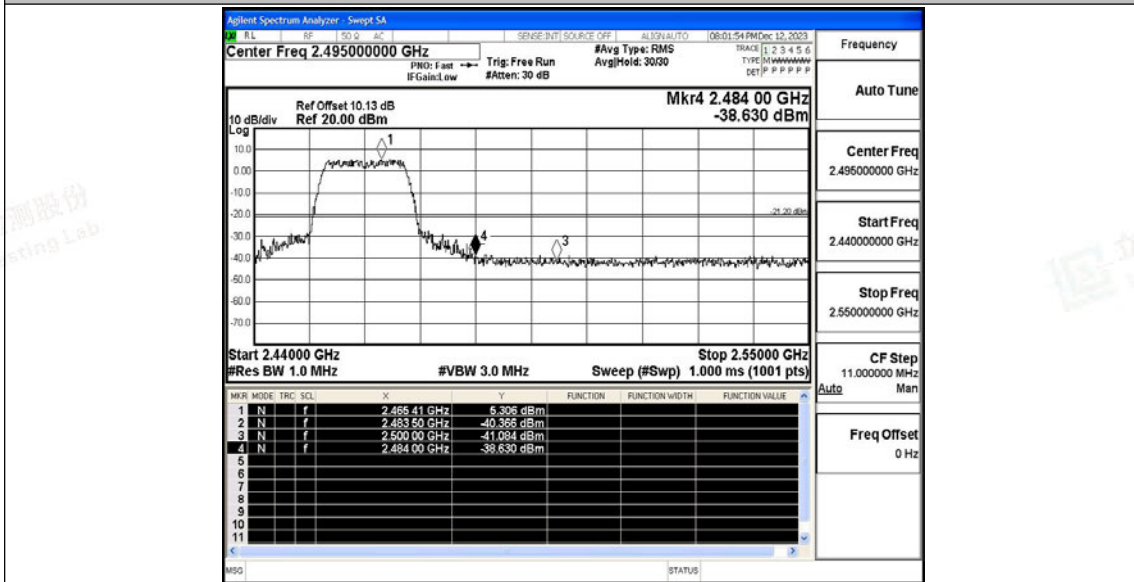


11G_Ant1_High_2462_AV



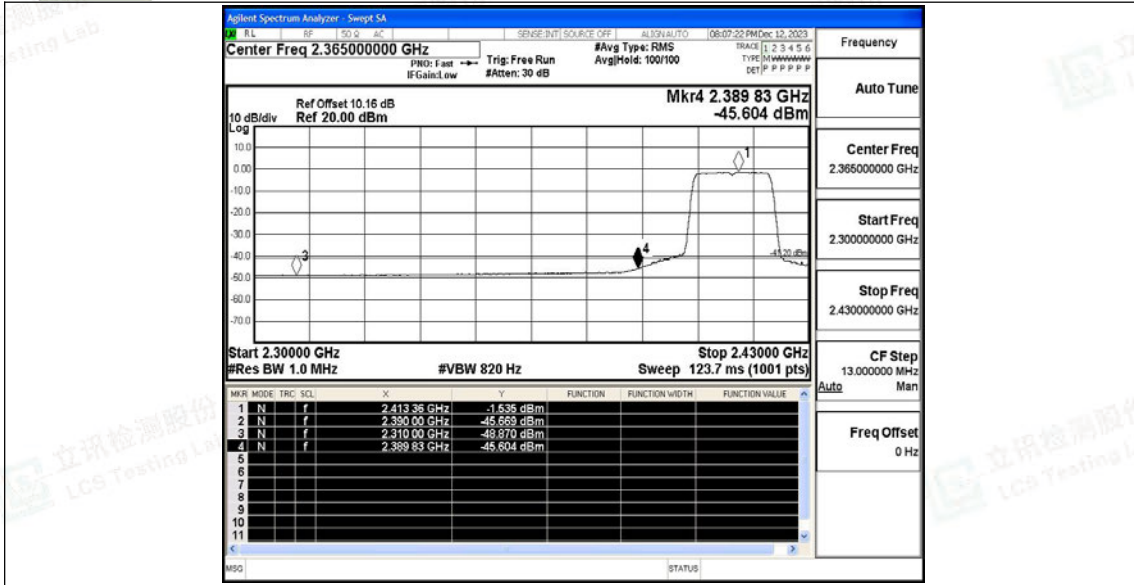


11G_Ant1_High_2462_Peak

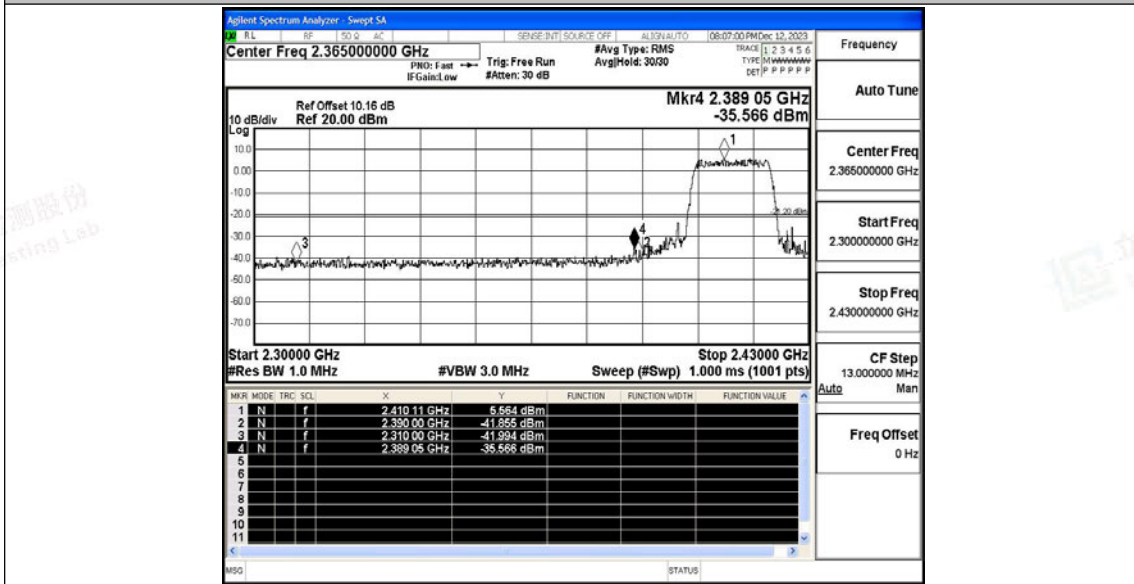


11N20SISO_Ant1_Low_2412_AV



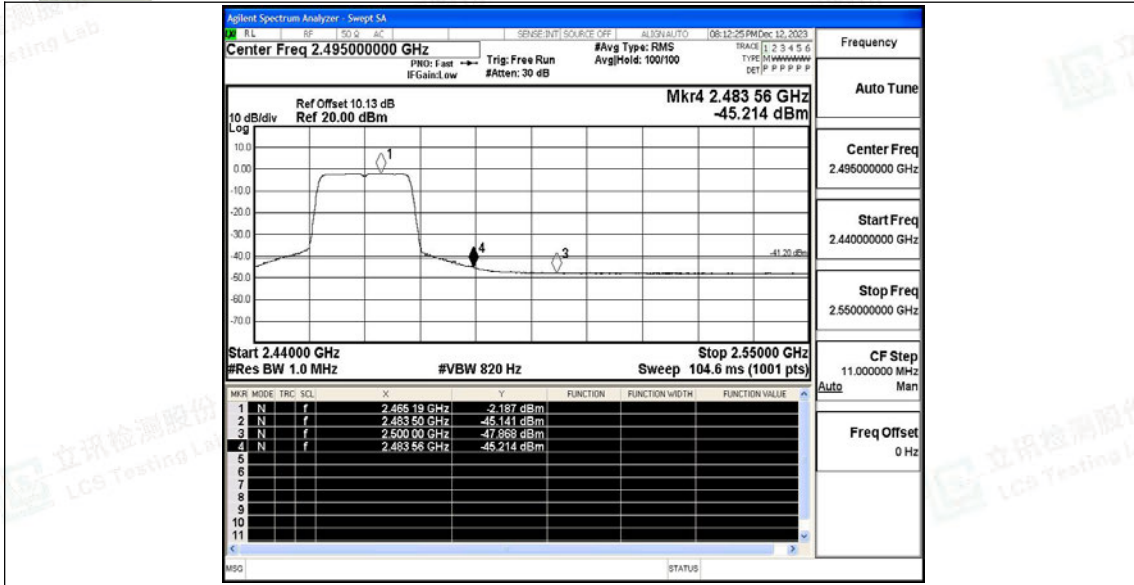


11N20SISO_Ant1_Low_2412_Peak

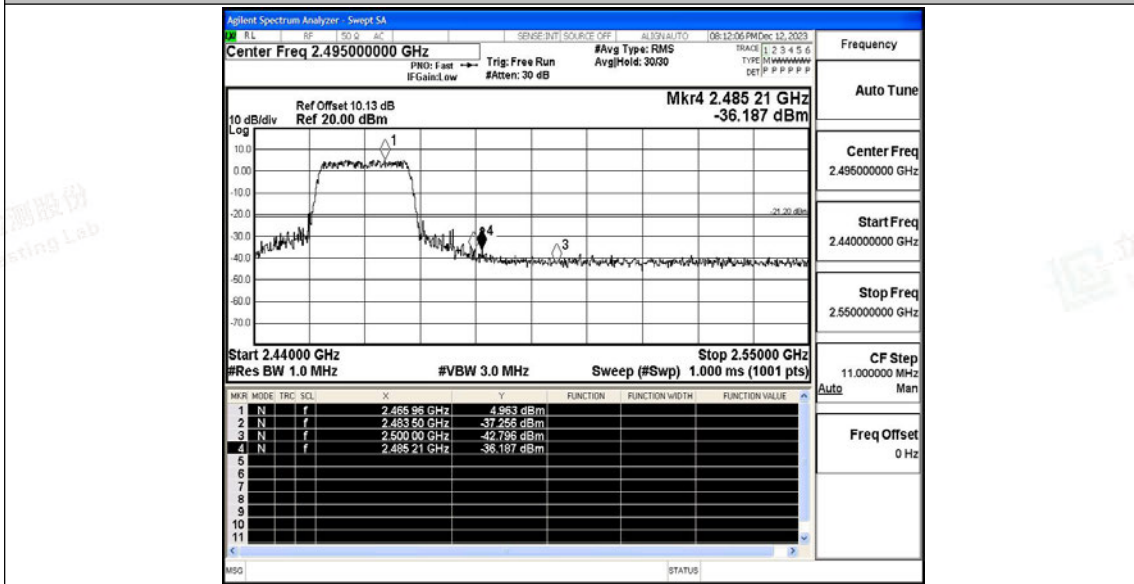


11N20SISO_Ant1_High_2462_AV



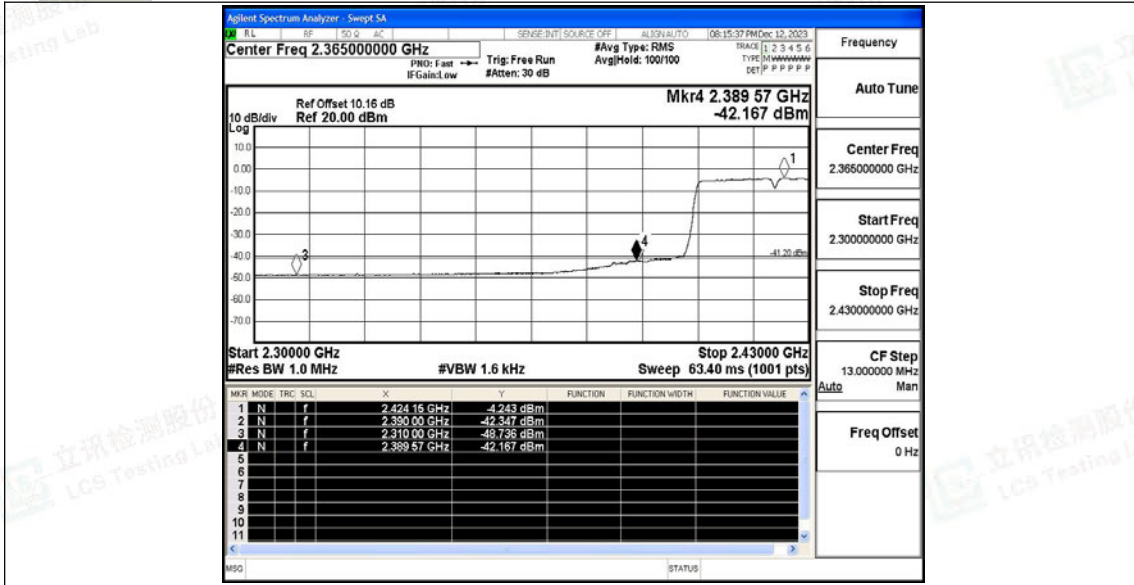


11N20SISO_Ant1_High_2462_Peak

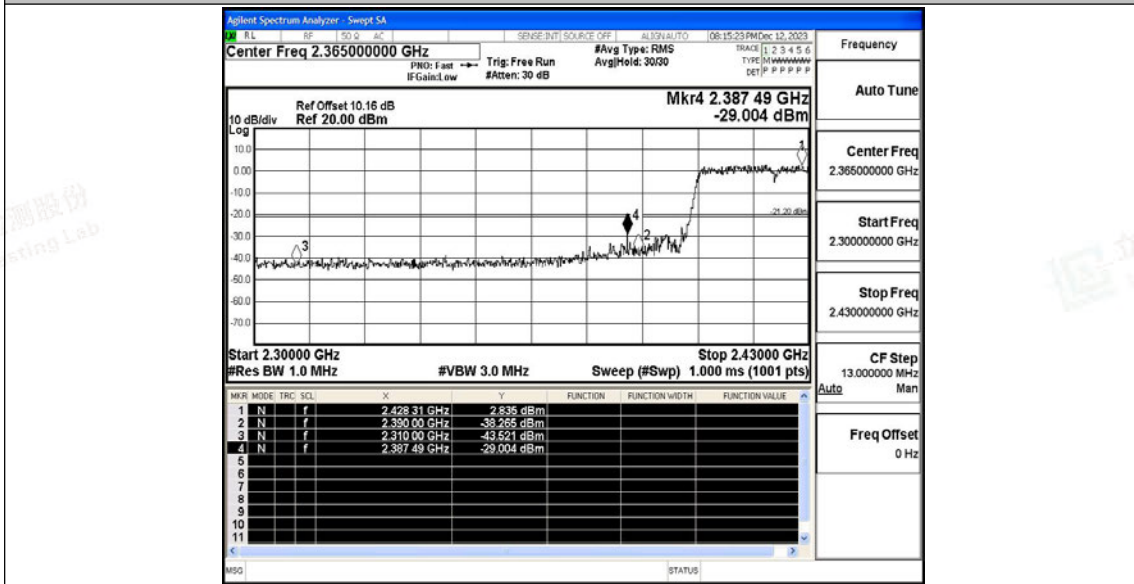


11N40SISO_Ant1_Low_2422_AV



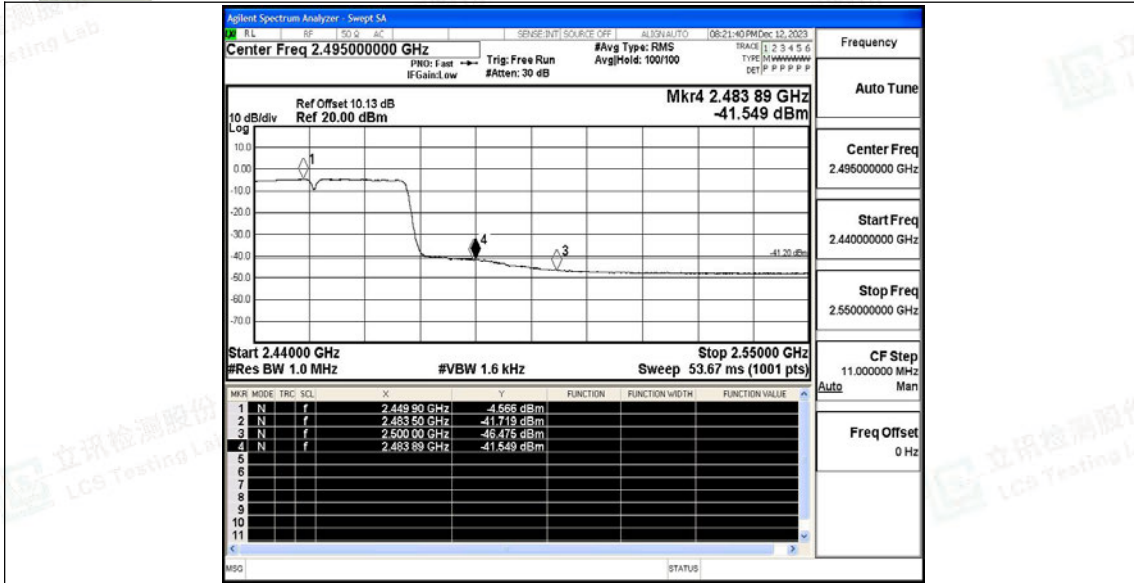


11N40SISO_Ant1_Low_2422_Peak



11N40SISO_Ant1_High_2452_AV





11N40SISO_Ant1_High_2452_Peak

