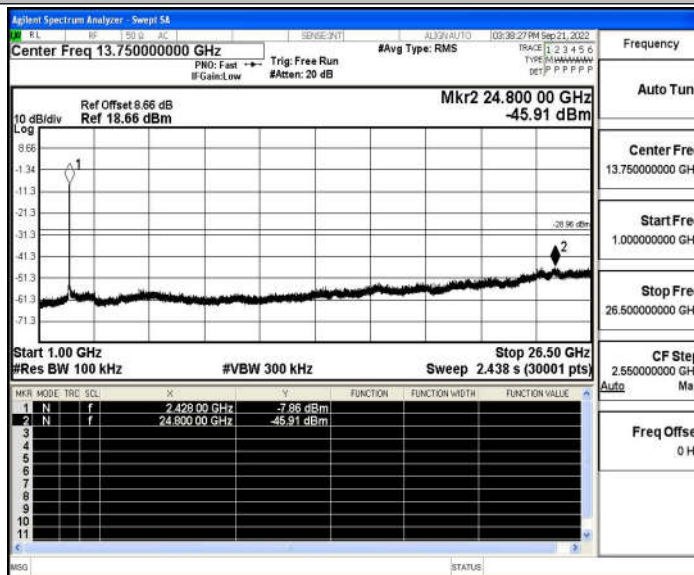
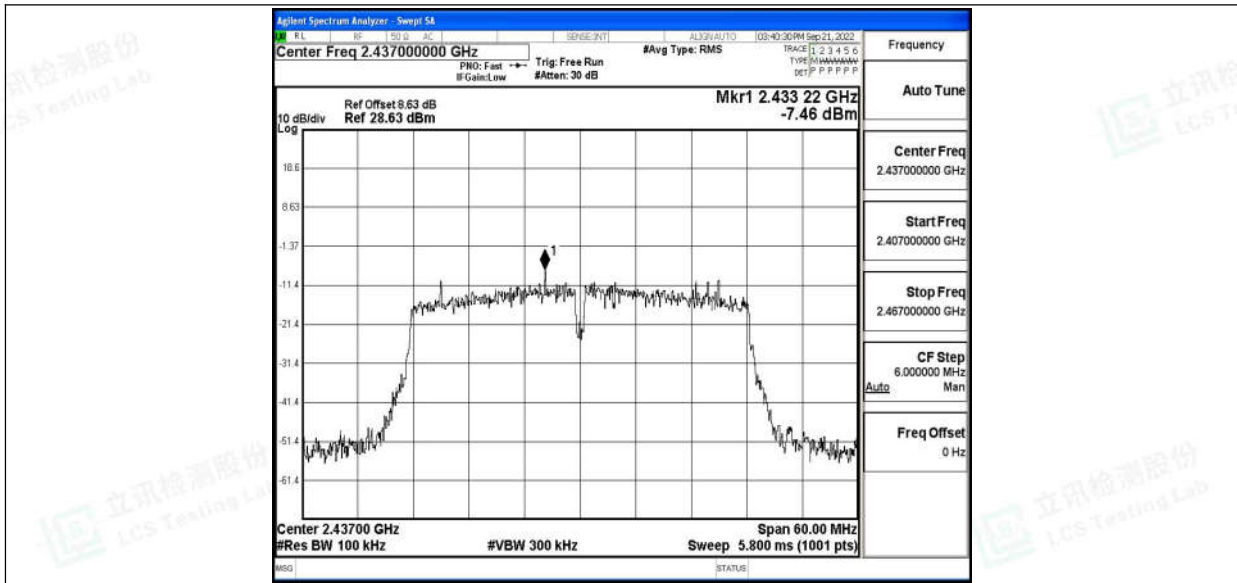


11N40SISO_Ant1_2422_1000~26500

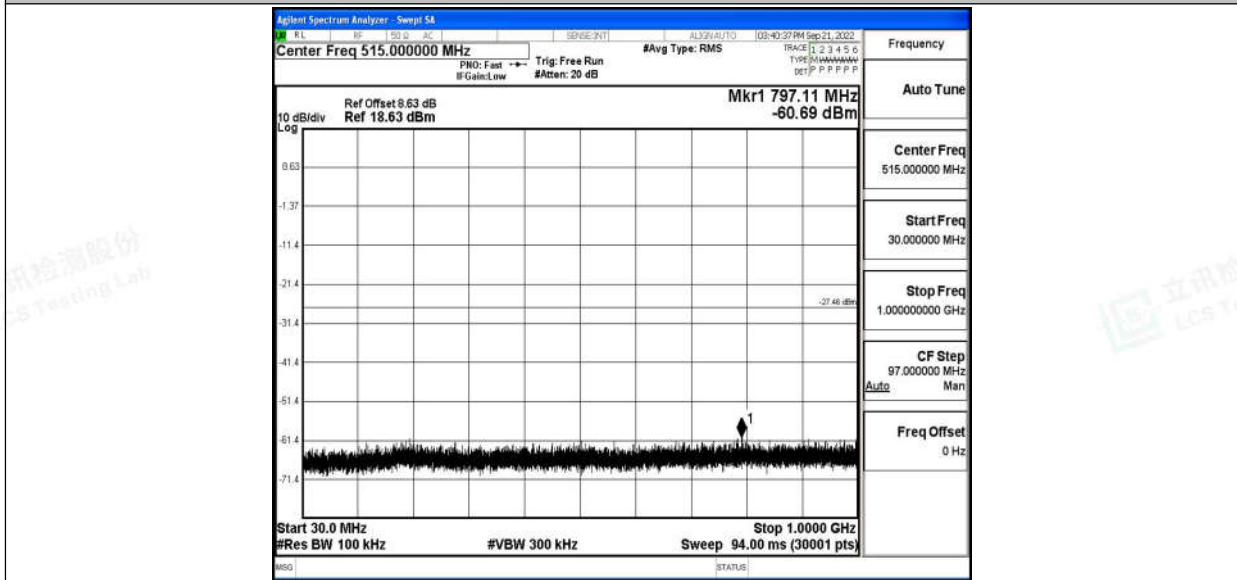


11N40SISO_Ant1_2437_0~Reference



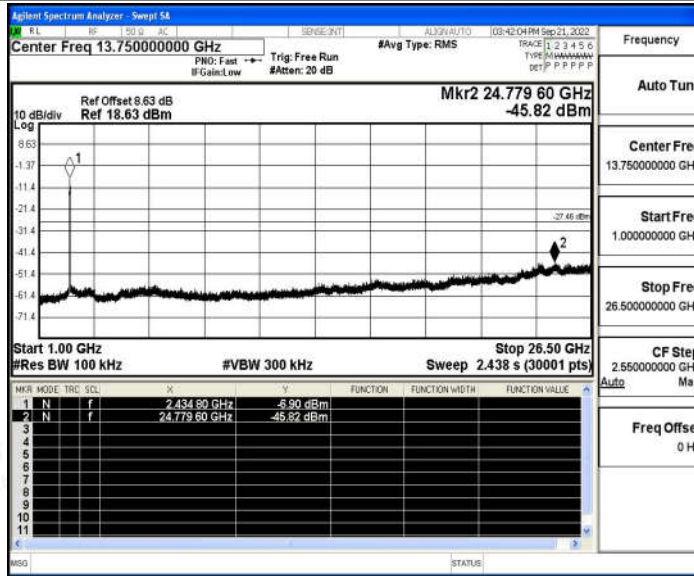


11N40SISO_Ant1_2437_30~1000

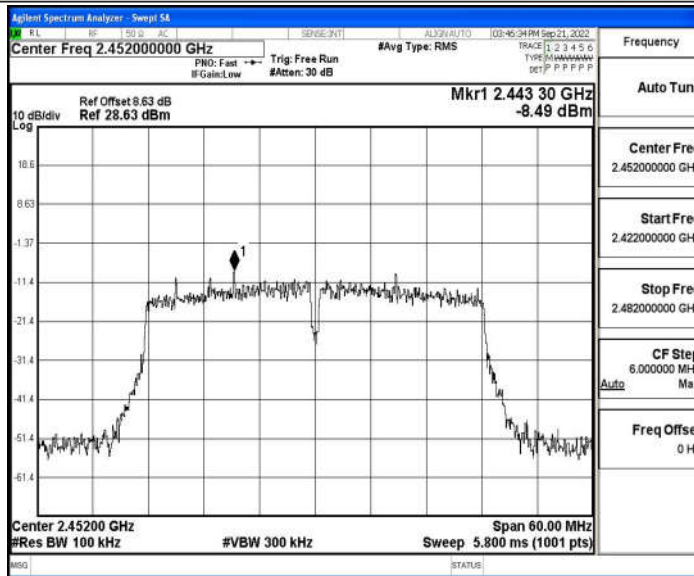


11N40SISO_Ant1_2437_1000~26500



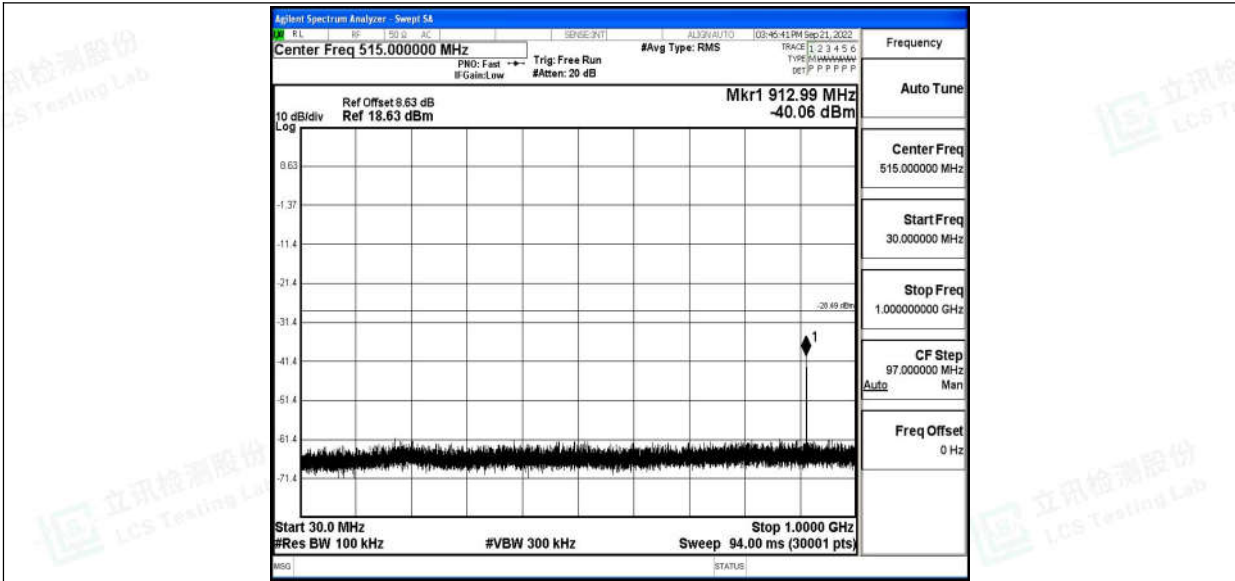


11N40SISO_Ant1_2452_0~Reference

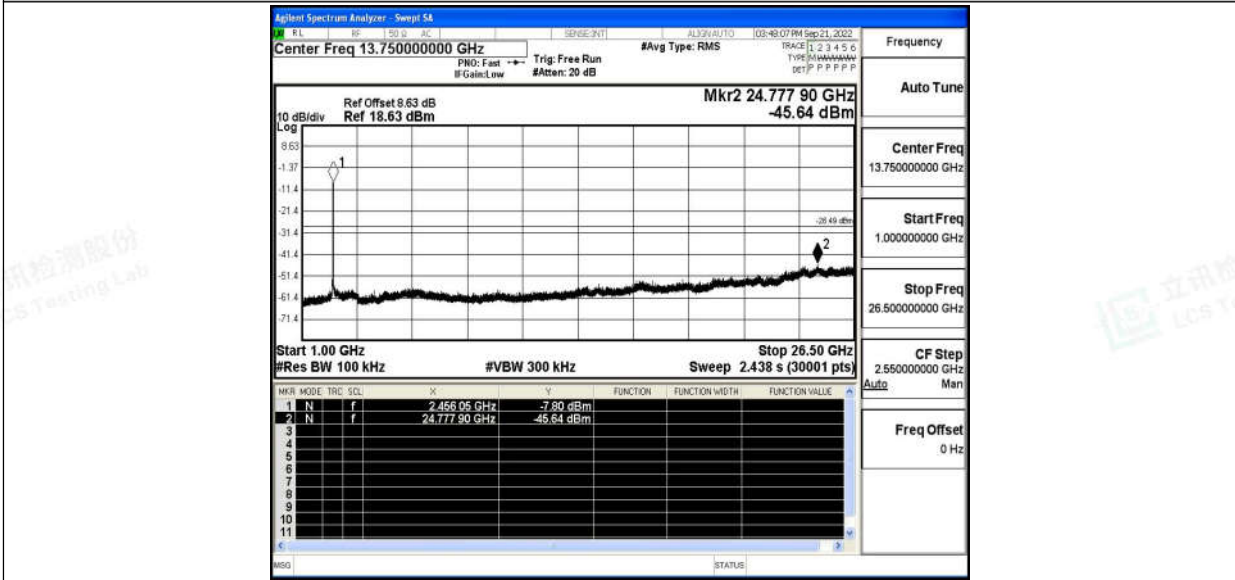


11N40SISO_Ant1_2452_30~1000





11N40ISO_Ant1_2452_1000~26500





A.6 Duty Cycle

Test Result

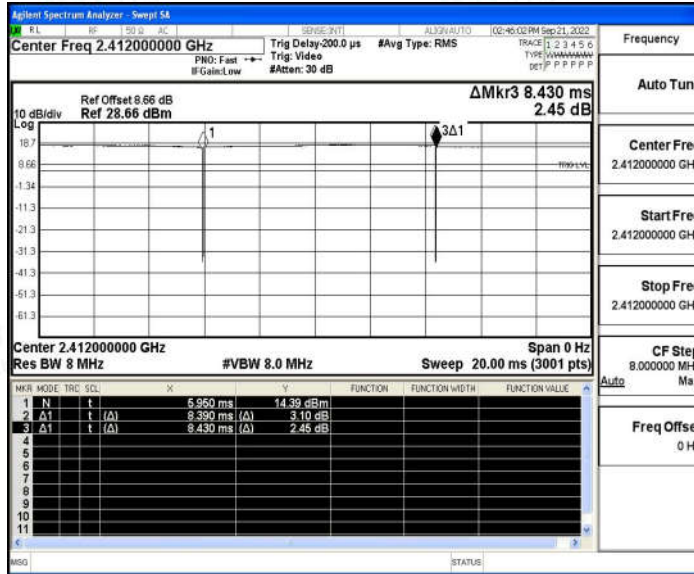
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor	Verdict
11B	Ant1	2412	8.39	8.43	99.53	0.02	---
		2437	8.39	8.42	99.64	0.02	---
		2462	8.38	8.42	99.52	0.02	---
11G	Ant1	2412	1.39	1.43	97.20	0.12	---
		2437	1.40	1.44	97.22	0.12	---
		2462	1.39	1.43	97.20	0.12	---
11N20SISO	Ant1	2412	1.29	1.34	96.27	0.17	---
		2437	1.29	1.33	96.99	0.13	---
		2462	1.29	1.34	96.27	0.17	---
11N40SISO	Ant1	2422	0.64	0.68	94.12	0.26	---
		2437	0.63	0.68	92.65	0.33	---
		2452	0.64	0.68	94.12	0.26	---



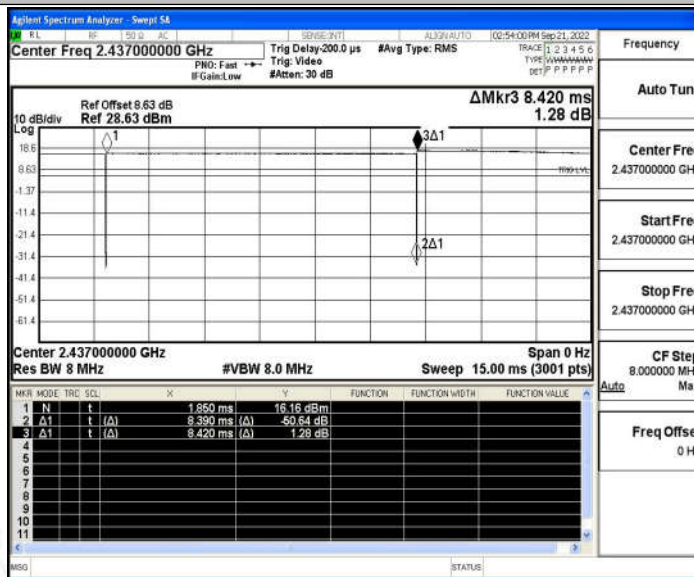


Test Graphs

11B_Ant1_2412

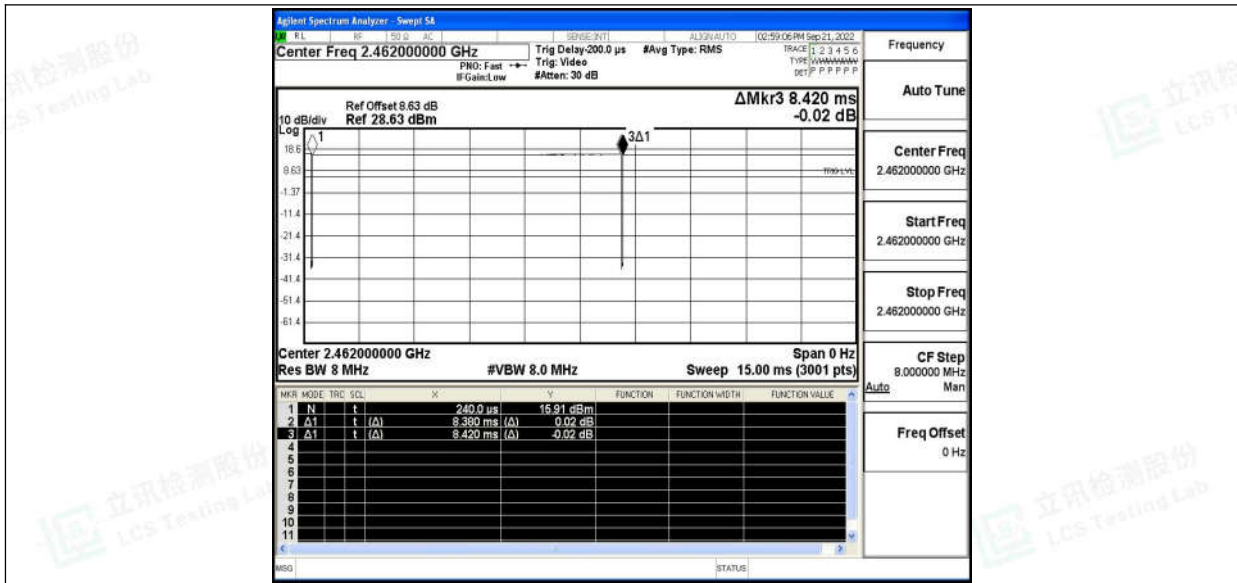


11B_Ant1_2437

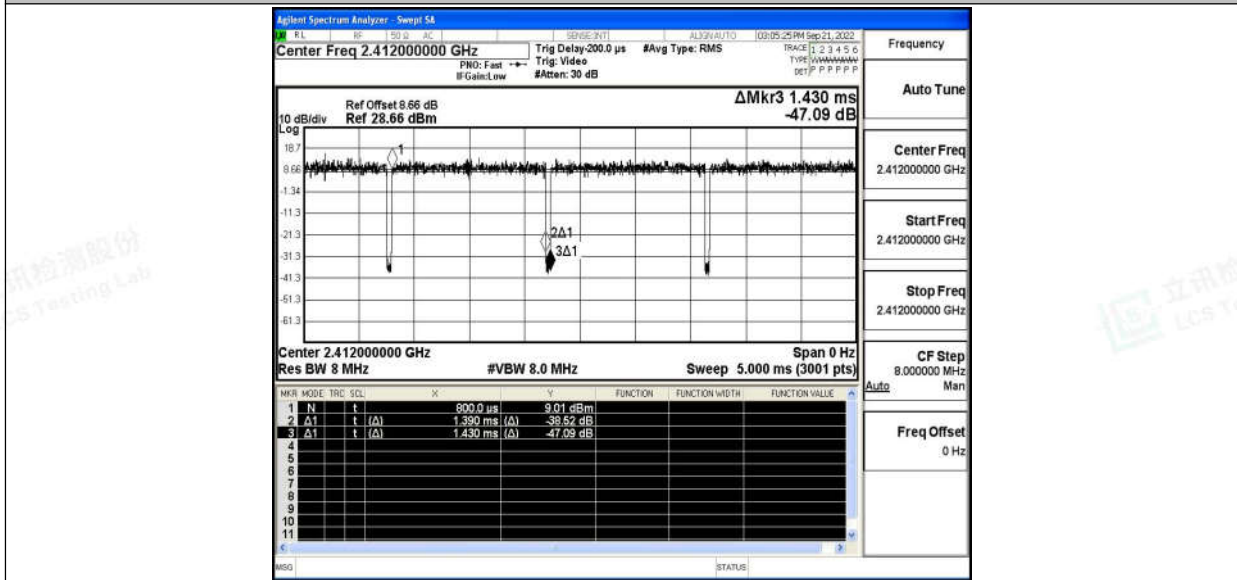


11B_Ant1_2462



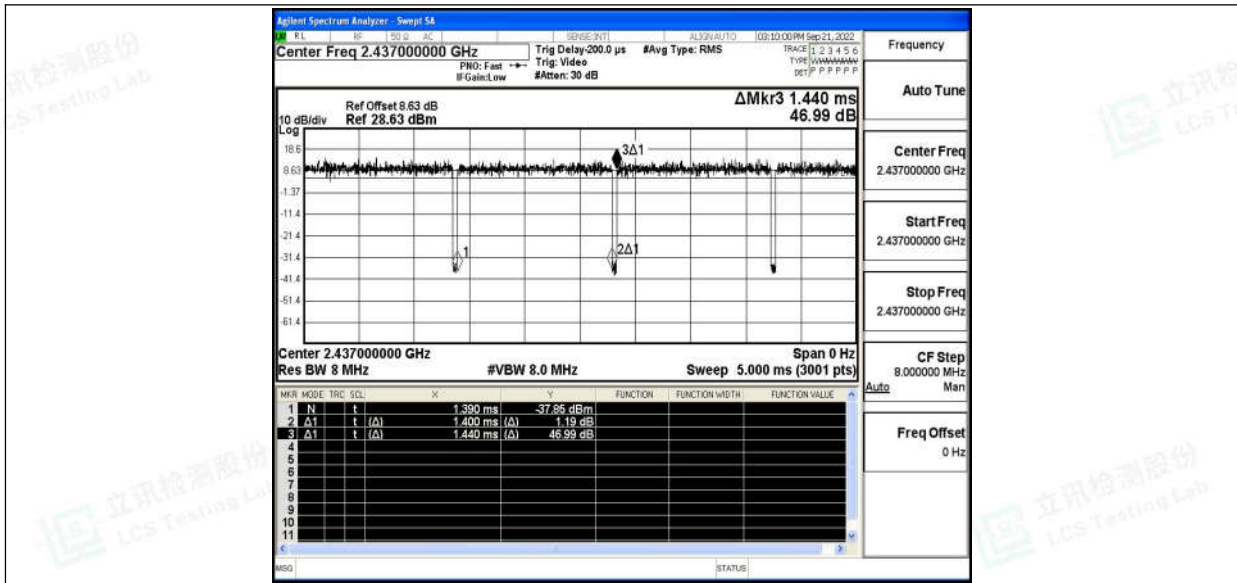


11G_Ant1_2412

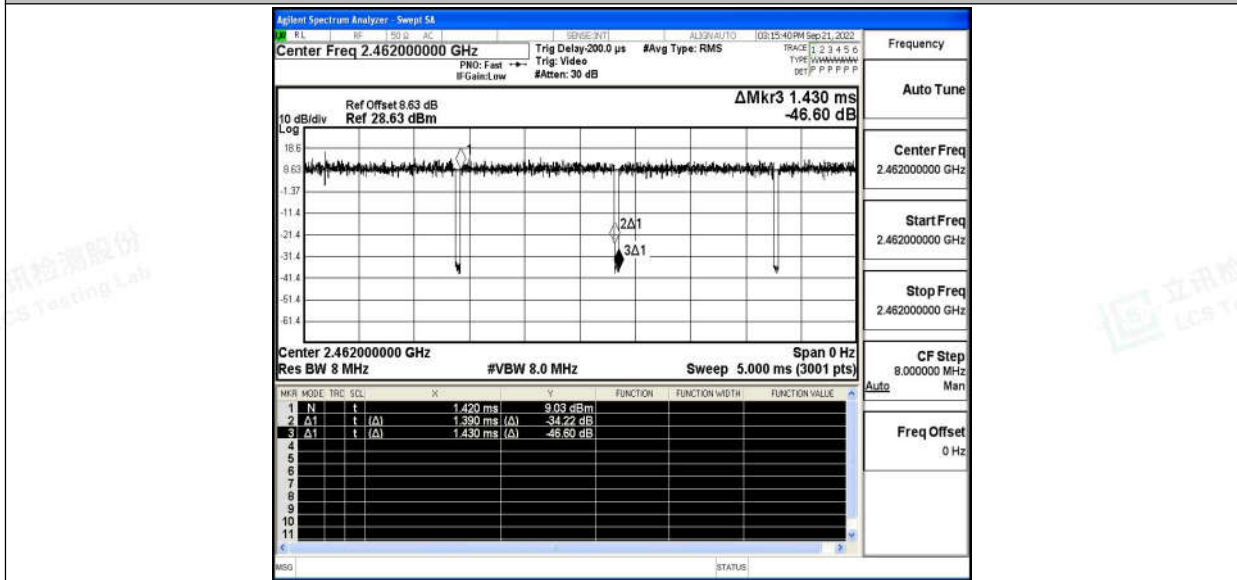


11G_Ant1_2437



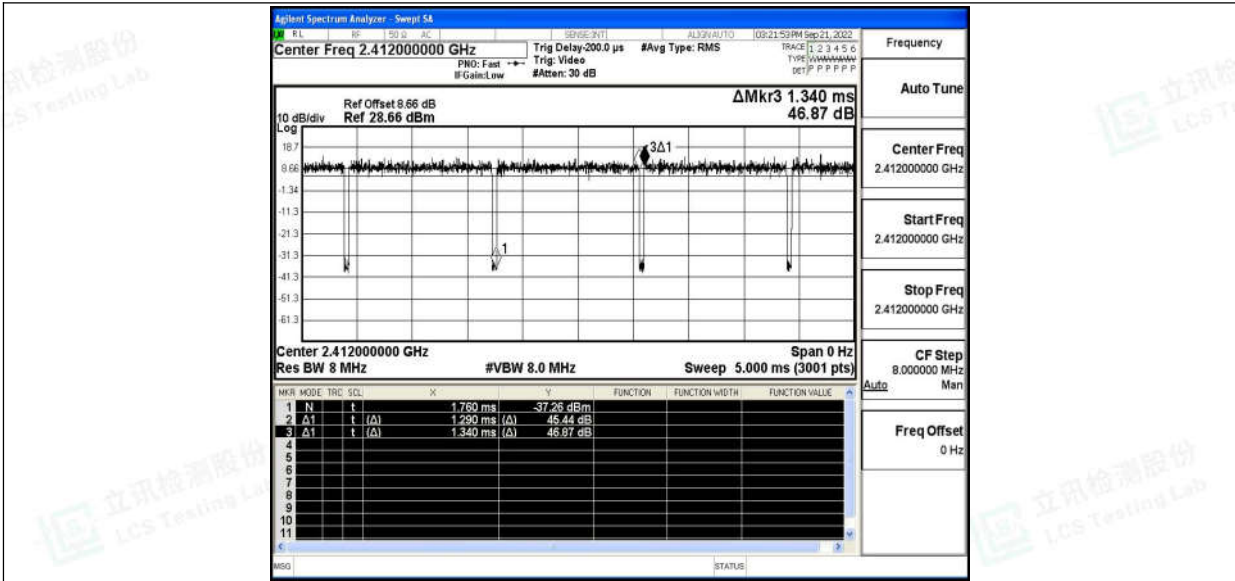


11G_Ant1_2462

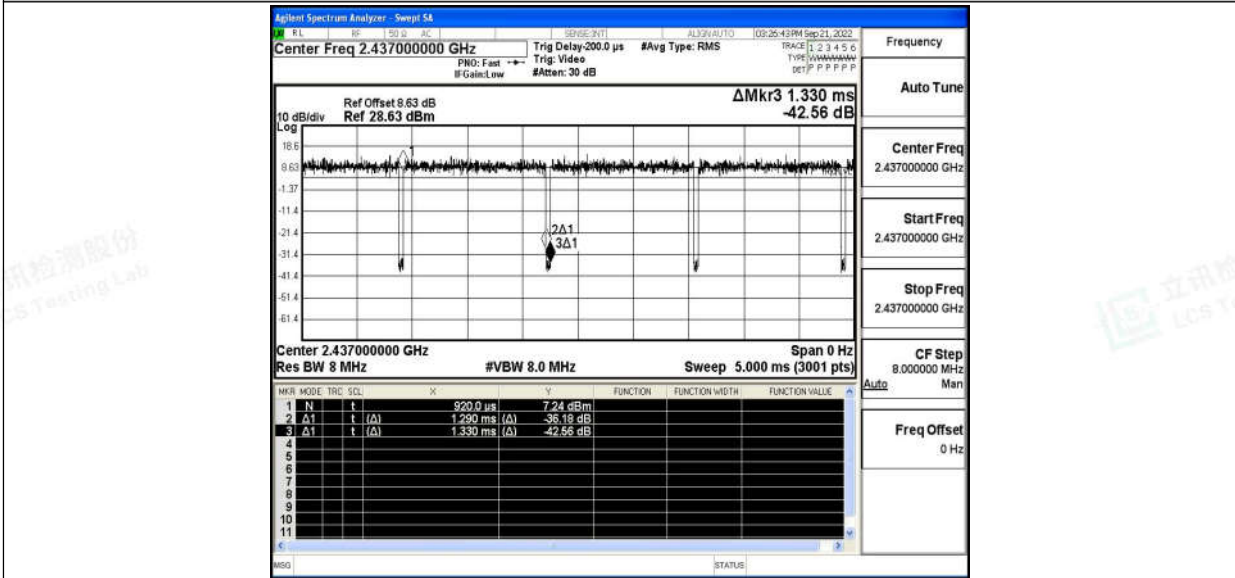


11N20SISO_Ant1_2412



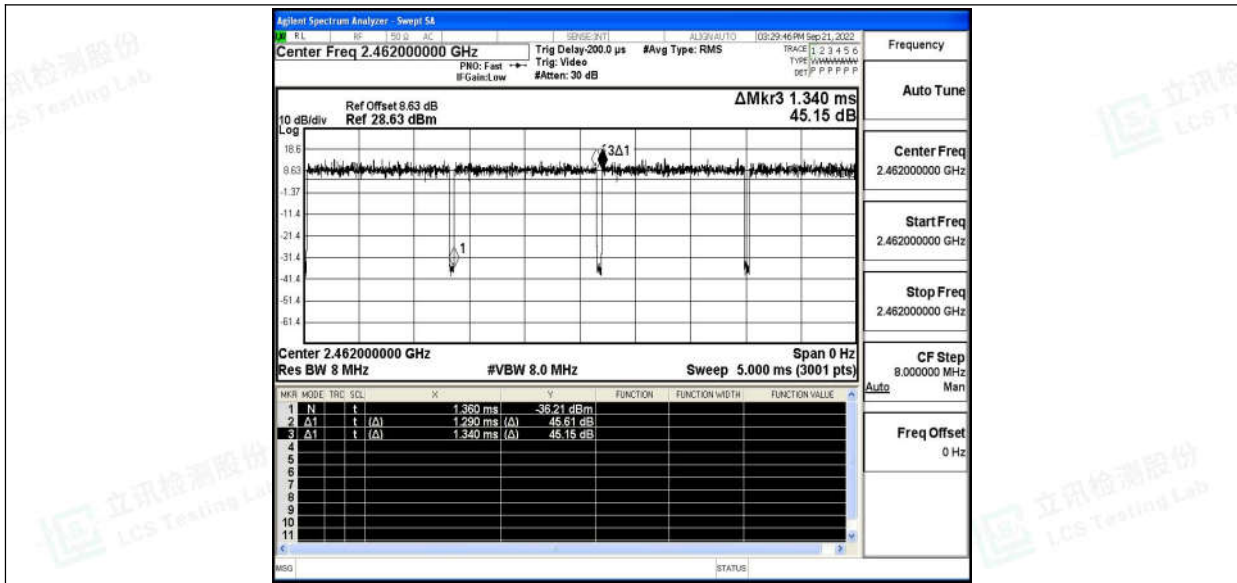


11N20SISO_Ant1_2437

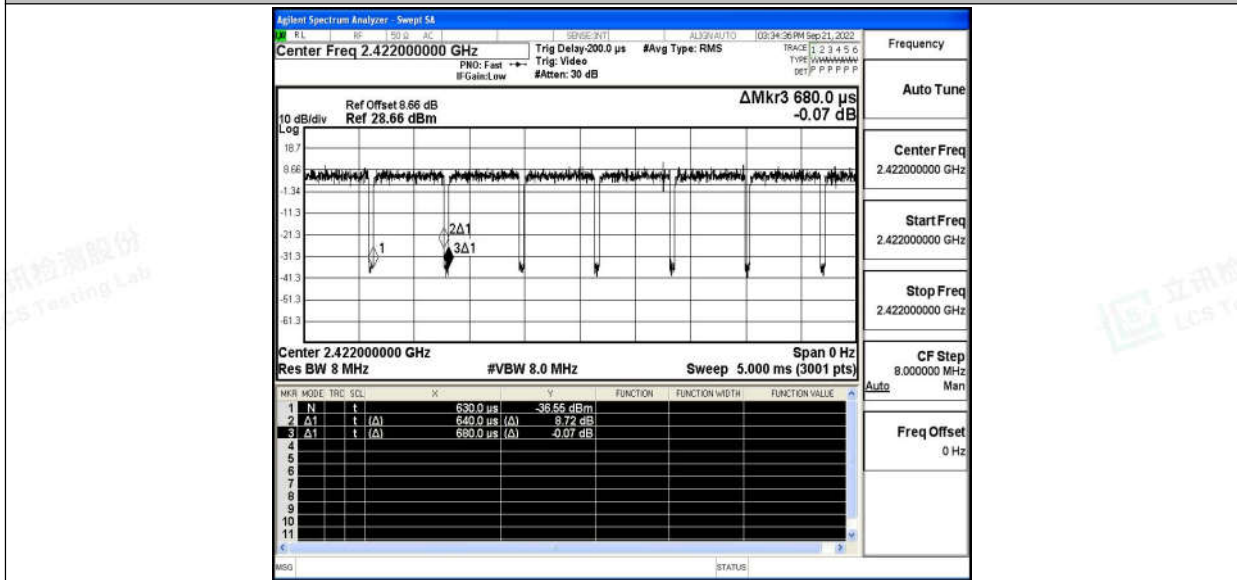


11N20SISO_Ant1_2462



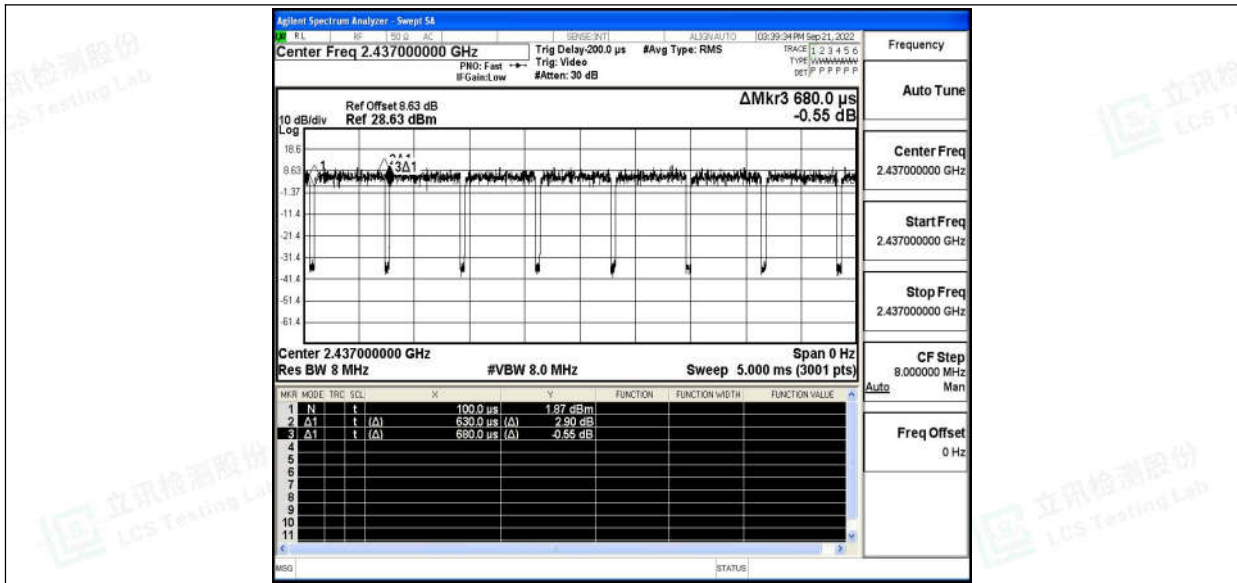


11N40SISO_Ant1_2422

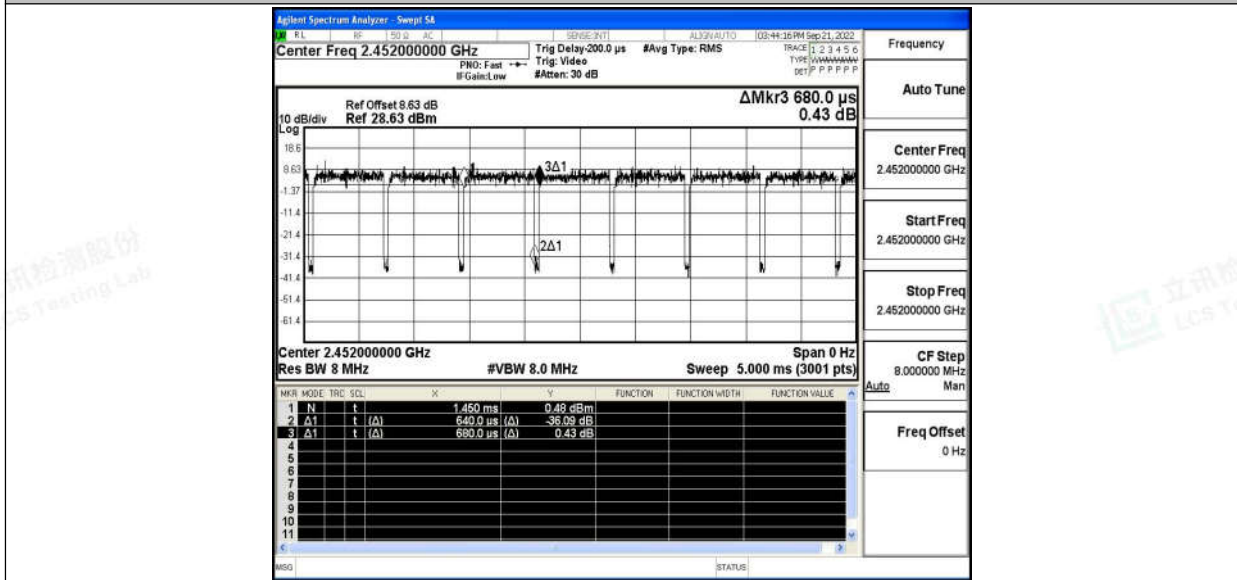


11N40SISO_Ant1_2437





11N40SISO_Ant1_2452





A.7 Emissions in Restricted Bands

Test Result

Test Mode	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	-57.64	≤-41.20	37.56	≤54	PASS
				AV	2386.060	-54	≤-41.20	41.20	≤54	PASS
				AV	2390.000	-55.62	≤-41.20	39.58	≤54	PASS
				Peak	2310.000	-47.21	≤-21.20	47.99	≤74	PASS
				Peak	2385.800	-42.83	≤-21.20	52.37	≤74	PASS
				Peak	2390.000	-44.94	≤-21.20	50.26	≤74	PASS
		High	2462	AV	2483.500	-54.65	≤-41.20	40.55	≤54	PASS
				AV	2486.640	-54.02	≤-41.20	41.18	≤54	PASS
				AV	2500.000	-54.77	≤-41.20	40.43	≤54	PASS
				Peak	2483.500	-43.38	≤-21.20	51.82	≤74	PASS
				Peak	2498.630	-42.1	≤-21.20	53.10	≤74	PASS
				Peak	2500.000	-44.28	≤-21.20	50.92	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-57.5	≤-41.20	37.70	≤54	PASS
				AV	2389.700	-54.59	≤-41.20	40.61	≤54	PASS
				AV	2390.000	-54.61	≤-41.20	40.59	≤54	PASS
				Peak	2310.000	-47.4	≤-21.20	47.80	≤74	PASS
				Peak	2389.830	-43.13	≤-21.20	52.07	≤74	PASS
				Peak	2390.000	-43.59	≤-21.20	51.61	≤74	PASS
		High	2462	AV	2483.500	-53.99	≤-41.20	41.21	≤54	PASS
				AV	2483.670	-53.73	≤-41.20	41.47	≤54	PASS
				AV	2500.000	-54.52	≤-41.20	40.68	≤54	PASS
				Peak	2483.500	-43.18	≤-21.20	52.02	≤74	PASS
				Peak	2483.560	-42.5	≤-21.20	52.70	≤74	PASS
				Peak	2500.000	-44.66	≤-21.20	50.54	≤74	PASS
11N2 OSIS O	Ant1	Low	2412	AV	2310.000	-57.37	≤-41.20	37.83	≤54	PASS
				AV	2389.960	-54.32	≤-41.20	40.88	≤54	PASS
				AV	2390.000	-54.32	≤-41.20	40.88	≤54	PASS
				Peak	2310.000	-47.32	≤-21.20	47.88	≤74	PASS
				Peak	2389.570	-41.67	≤-21.20	53.53	≤74	PASS
				Peak	2390.000	-43.62	≤-21.20	51.58	≤74	PASS
		High	2462	AV	2483.500	-53.48	≤-41.20	41.72	≤54	PASS
				AV	2483.560	-53.6	≤-41.20	41.60	≤54	PASS
				AV	2500.000	-54.66	≤-41.20	40.54	≤54	PASS
				Peak	2483.500	-40.4	≤-21.20	54.80	≤74	PASS
				Peak	2483.670	-41.76	≤-21.20	53.44	≤74	PASS
				Peak	2500.000	-44.22	≤-21.20	50.98	≤74	PASS
11N4	Ant1	Low	2422	AV	2310.000	-56.96	≤-41.20	38.24	≤54	PASS



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Scan code to check authenticity



OSIS O			AV	2389.570	-52.65	≤-41.20	42.55	≤54	PASS
			AV	2390.000	-52.71	≤-41.20	42.49	≤54	PASS
			Peak	2310.000	-47.63	≤-21.20	47.57	≤74	PASS
			Peak	2389.960	-35.62	≤-21.20	59.58	≤74	PASS
			Peak	2390.000	-35.62	≤-21.20	59.58	≤74	PASS
			AV	2483.500	-53.55	≤-41.20	41.65	≤54	PASS
	High	2452	AV	2484.220	-52.7	≤-41.20	42.50	≤54	PASS
			AV	2500.000	-55.05	≤-41.20	40.15	≤54	PASS
			Peak	2483.500	-38.69	≤-21.20	56.51	≤74	PASS
			Peak	2484.110	-37.58	≤-21.20	57.62	≤74	PASS
			Peak	2500.000	-45.55	≤-21.20	49.65	≤74	PASS

Note:

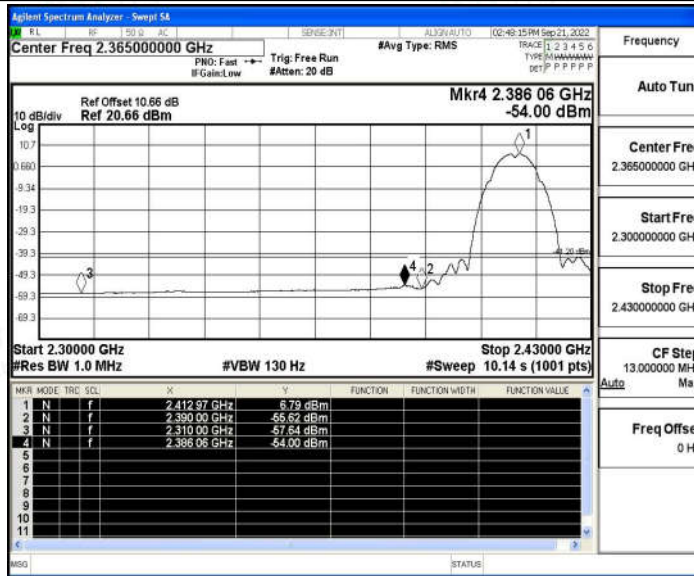
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.



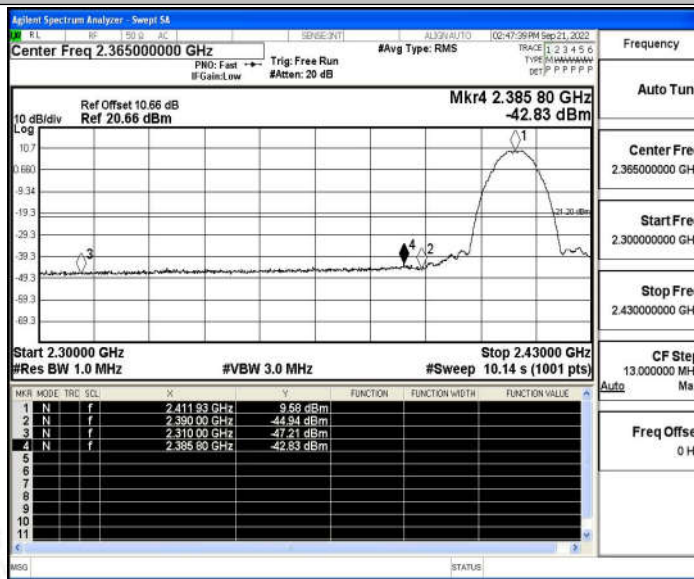


Test Graphs

11B_Ant1_Low_2412_AV

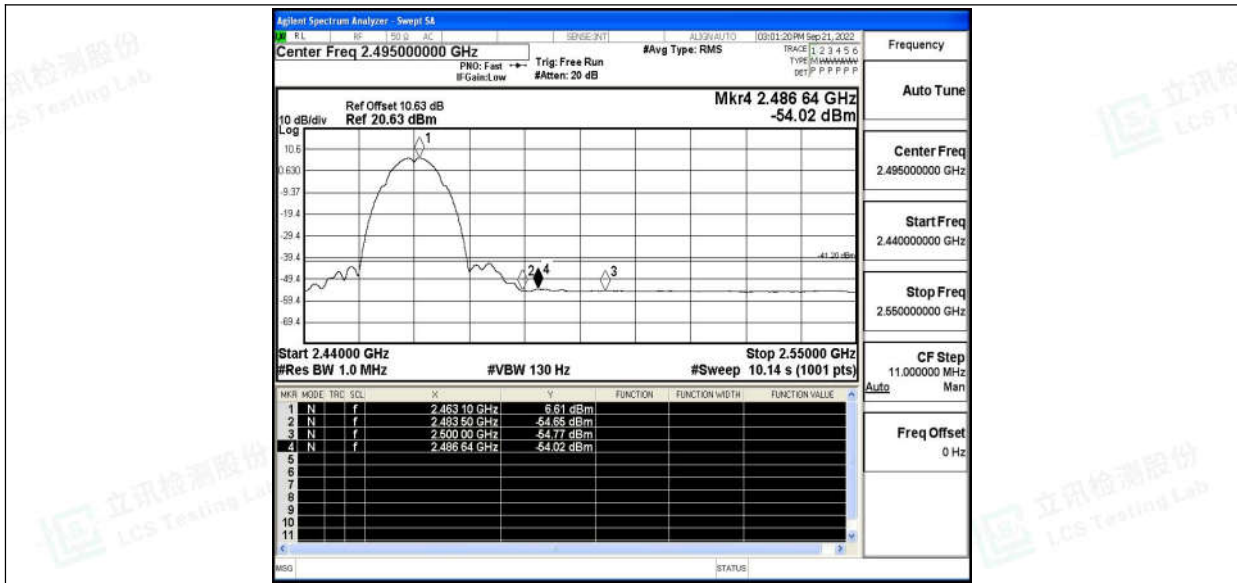


11B_Ant1_Low_2412_Peak

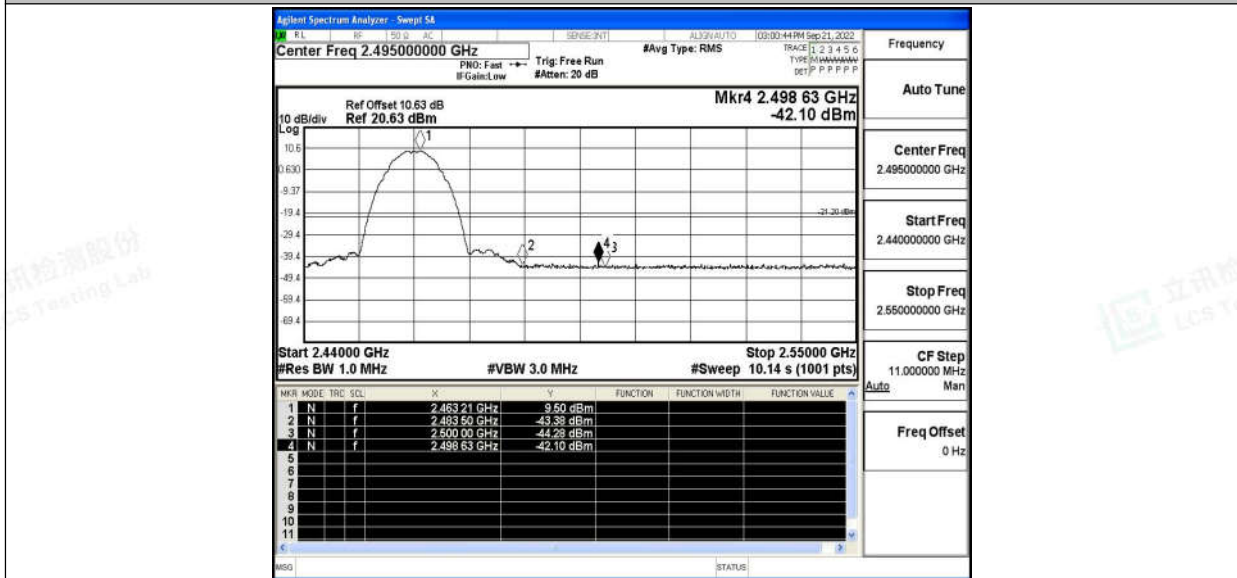


11B_Ant1_High_2462_AV



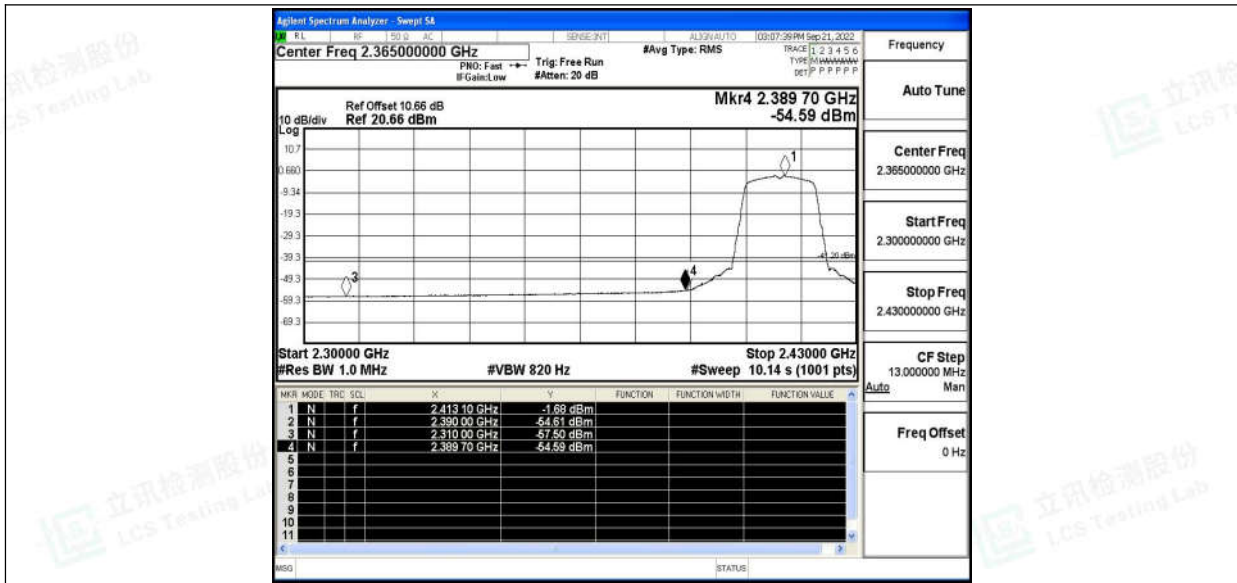


11B_Ant1_High_2462_Peak

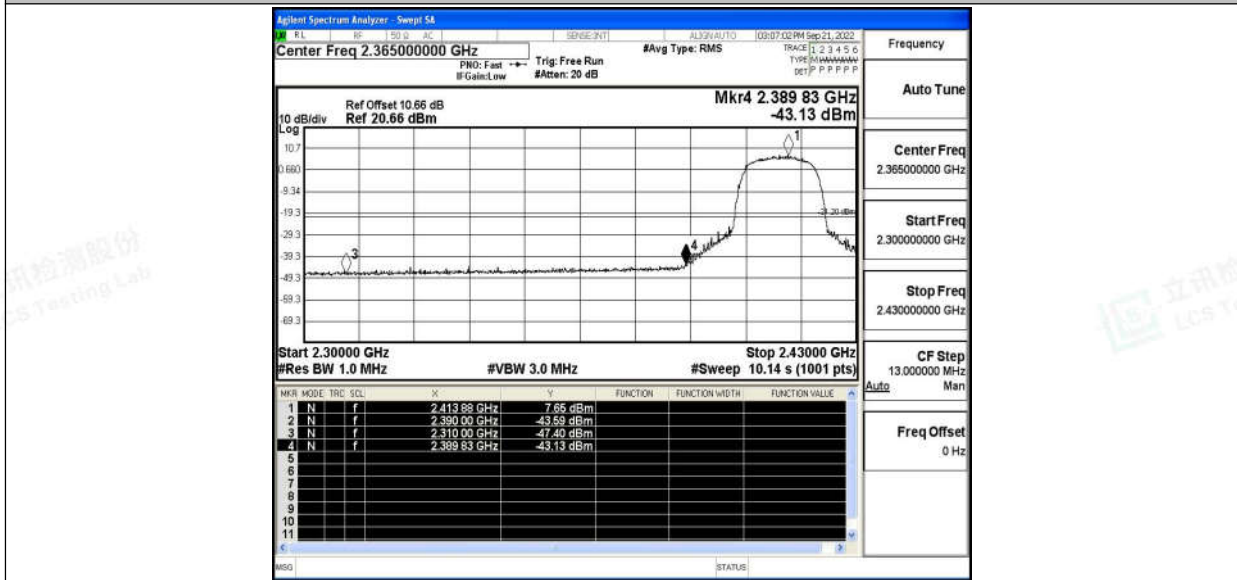


11G_Ant1_Low_2412_AV



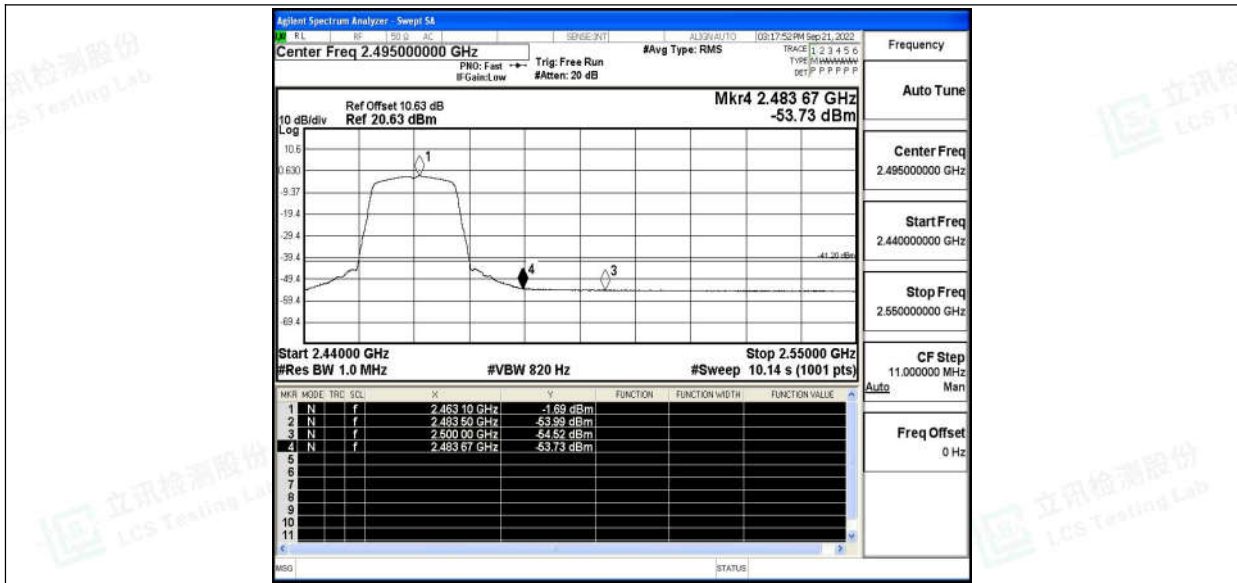


11G_Ant1_Low_2412_Peak

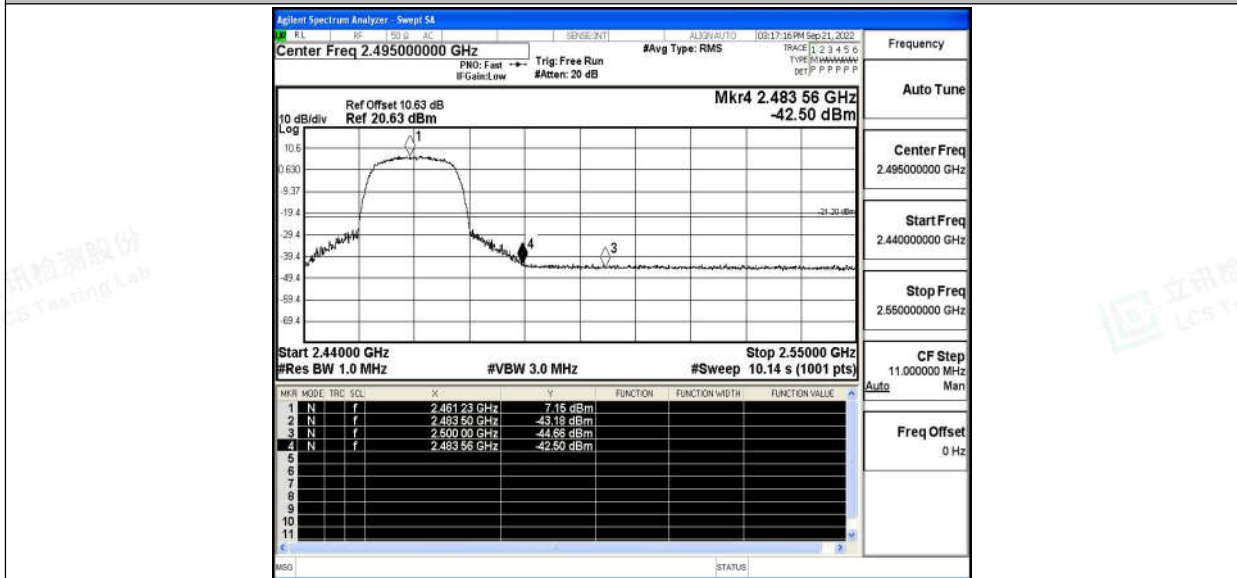


11G_Ant1_High_2462_AV



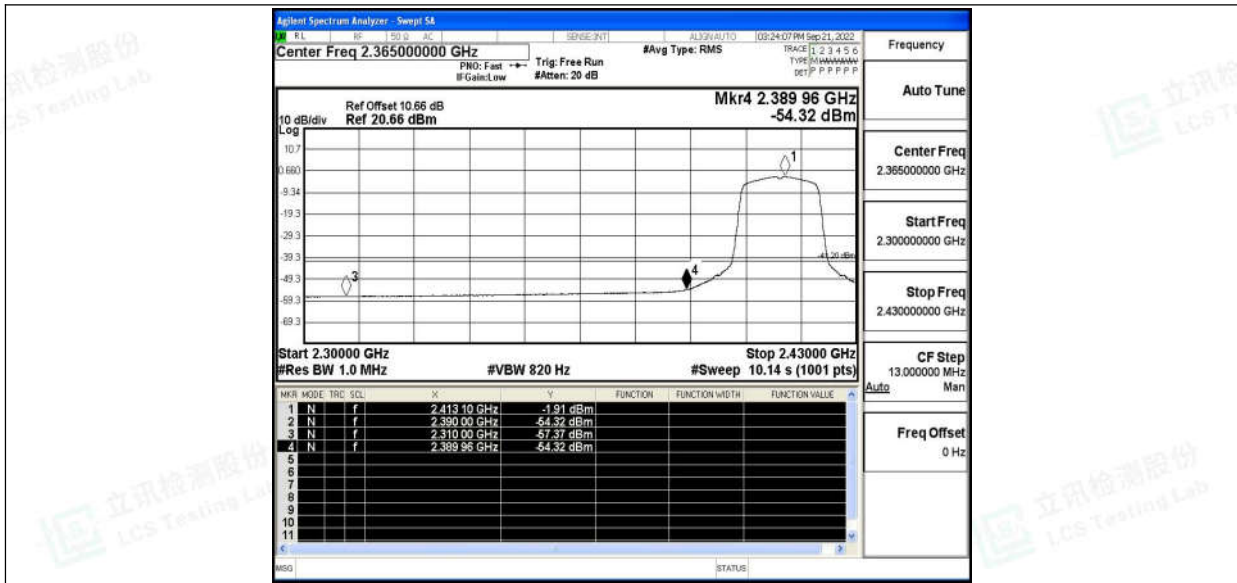


11G_Ant1_High_2462_Peak

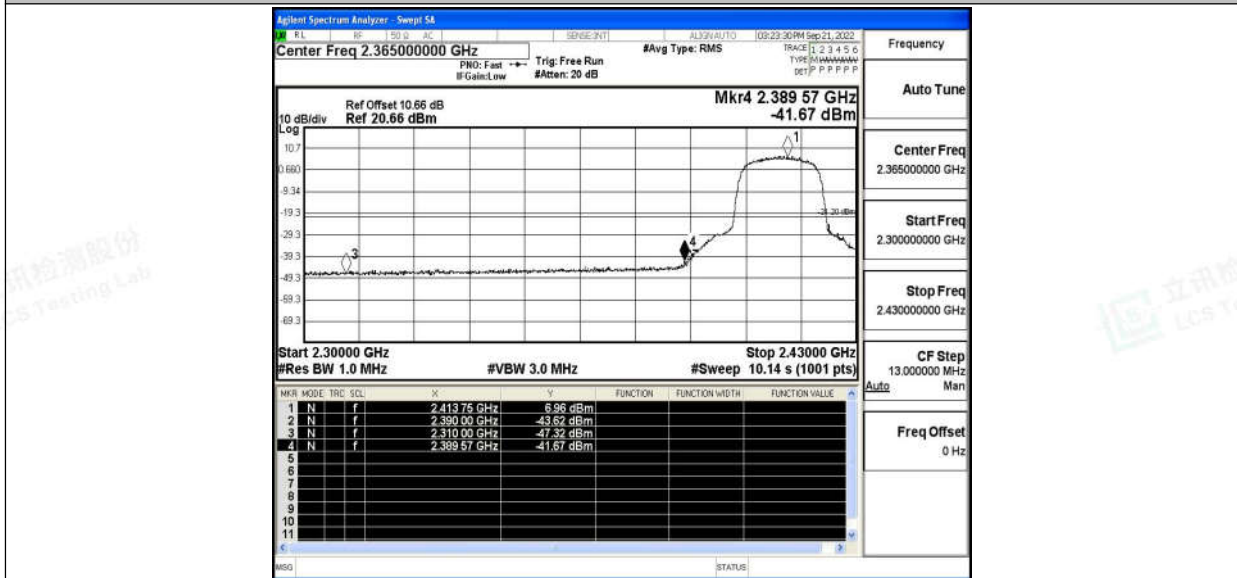


11N20SISO_Ant1_Low_2412_AV



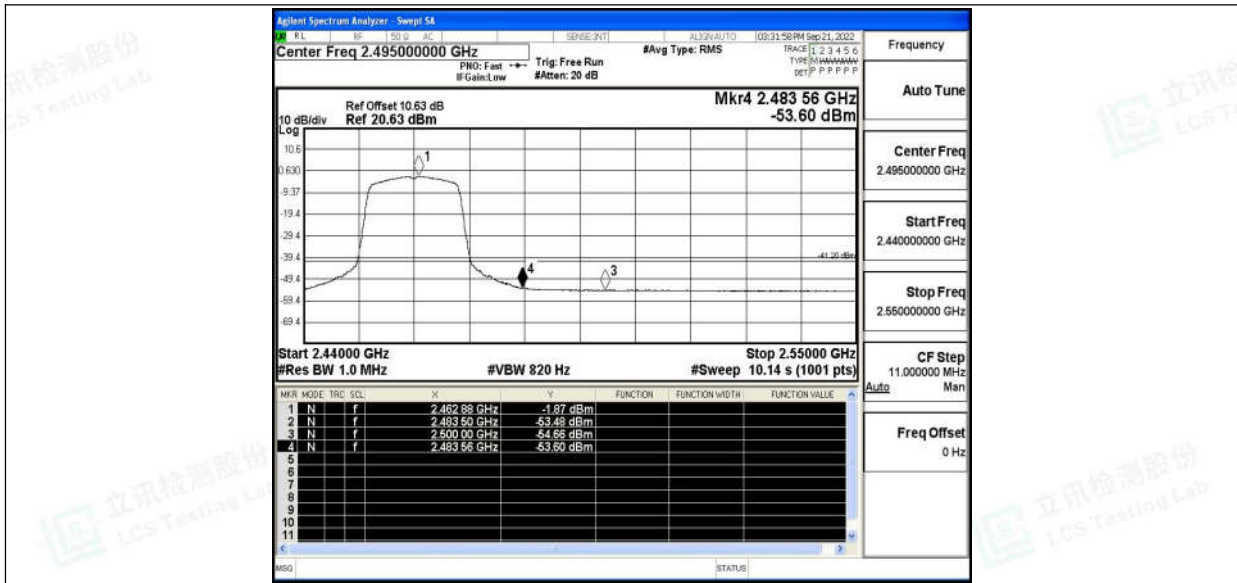


11N20SISO_Ant1_Low_2412_Peak

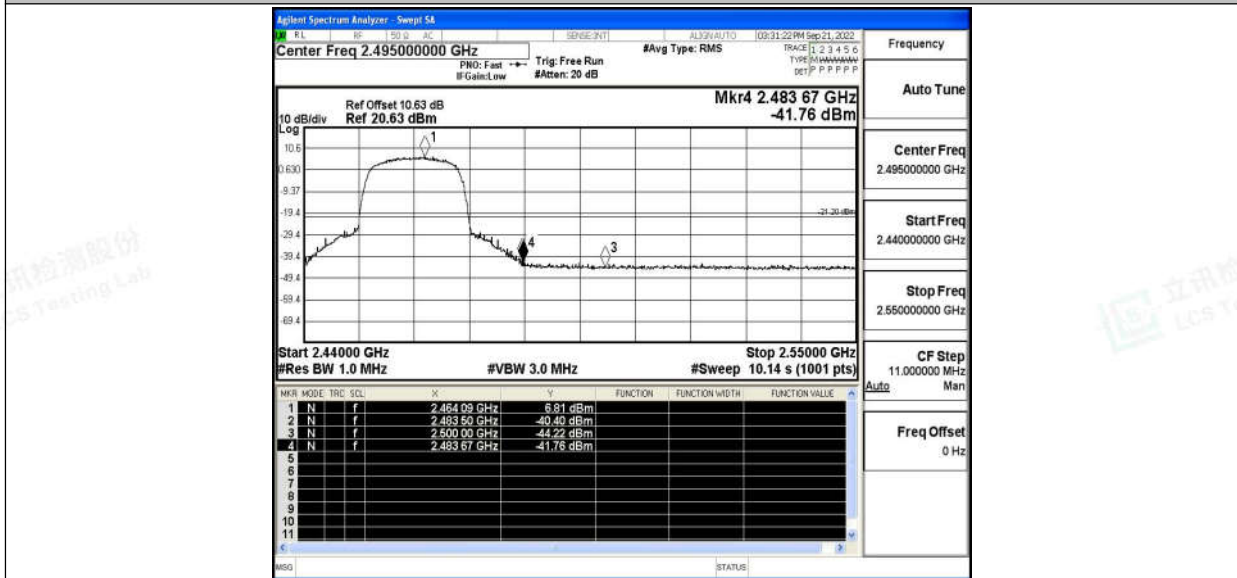


11N20SISO_Ant1_High_2462_AV



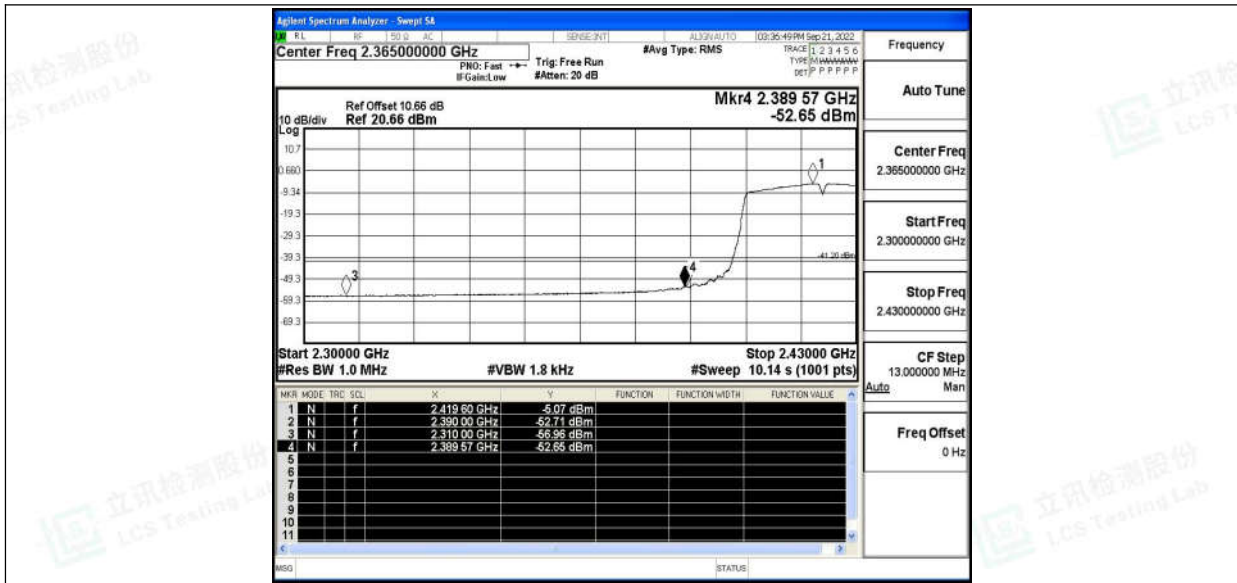


11N20SISO_Ant1_High_2462_Peak

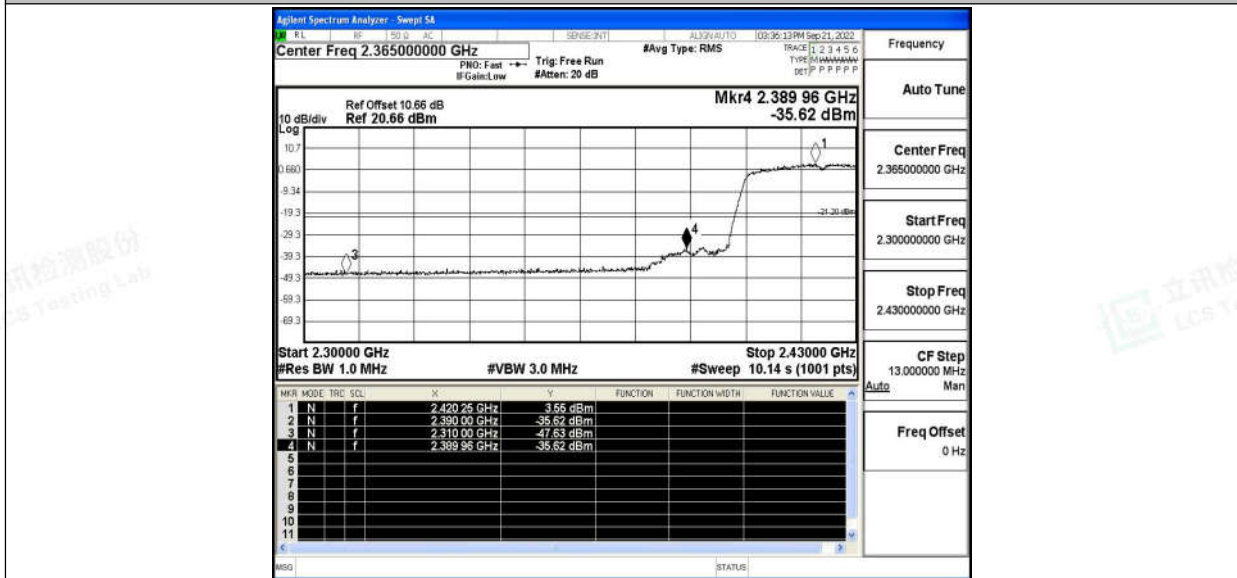


11N40SISO_Ant1_Low_2422_AV



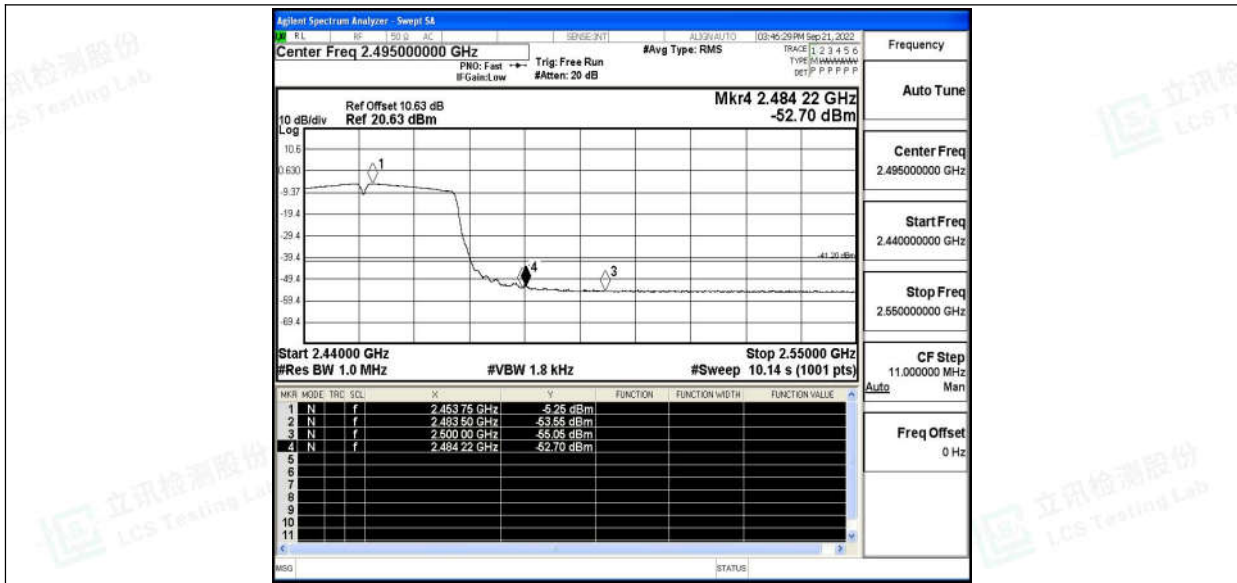


11N40SISO_Ant1_Low_2422_Peak



11N40SISO_Ant1_High_2452_AV





11N40SISO_Ant1_High_2452_Peak

