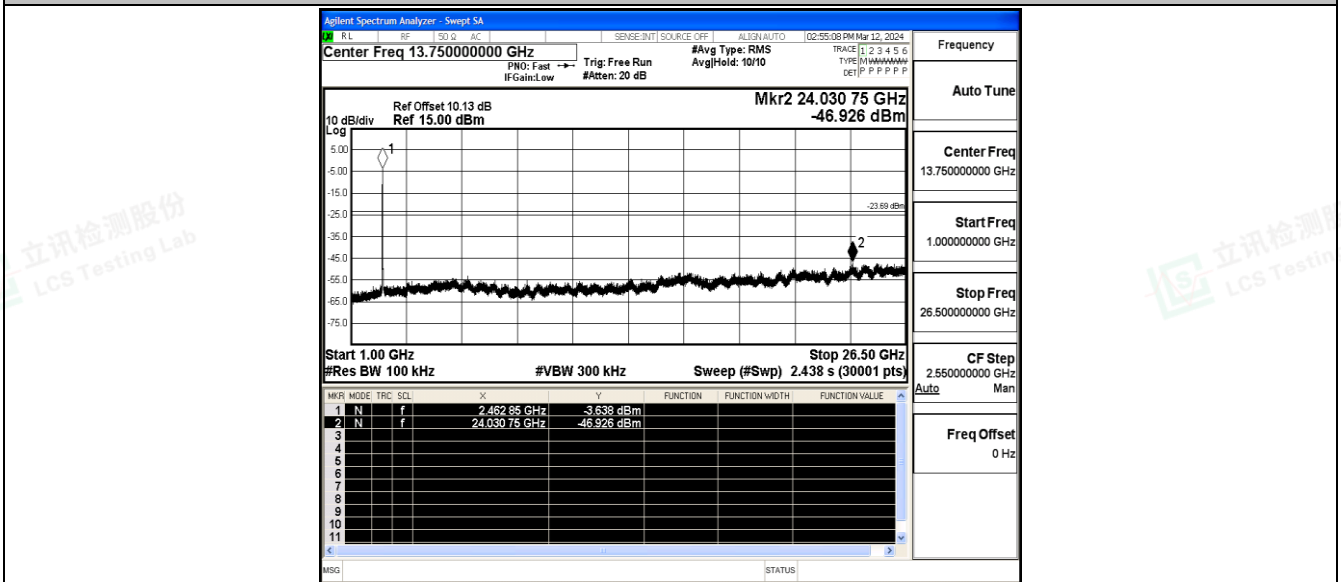
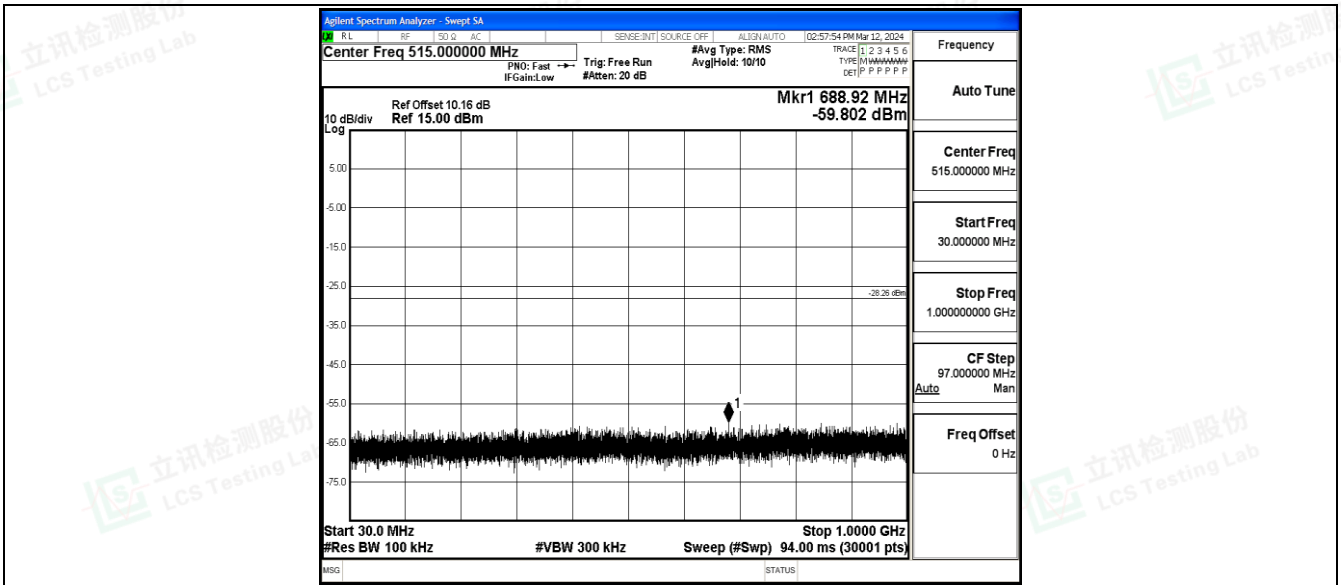


11N20SISO\_Ant1\_2462\_1000~26500

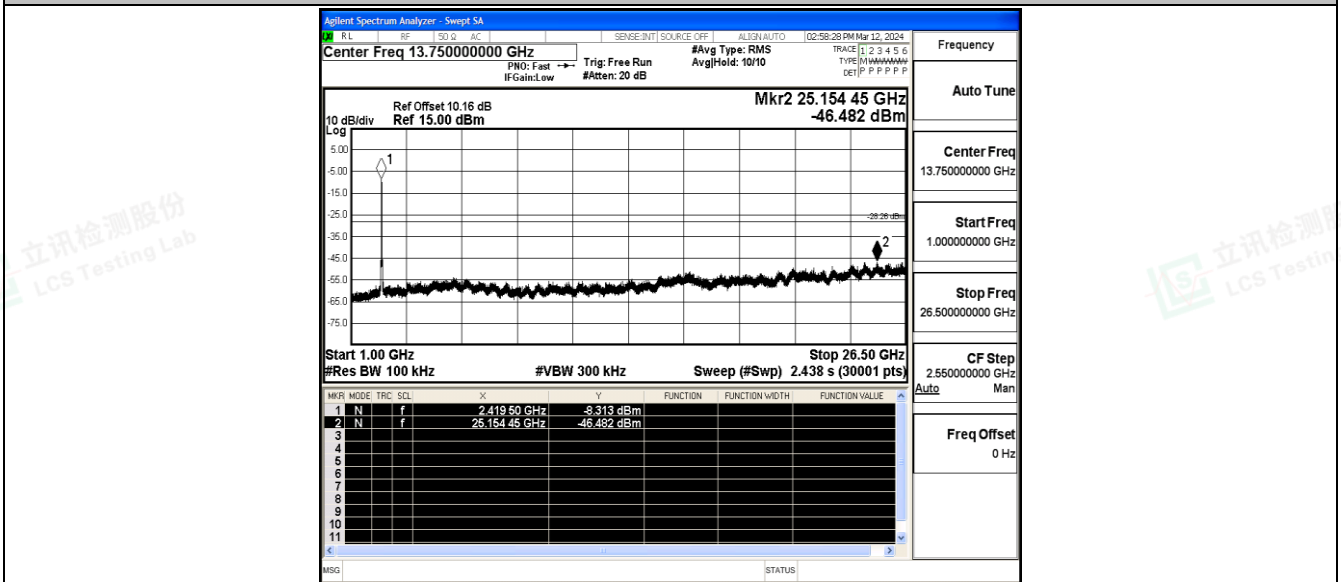


11N40SISO\_Ant1\_2422\_30~1000



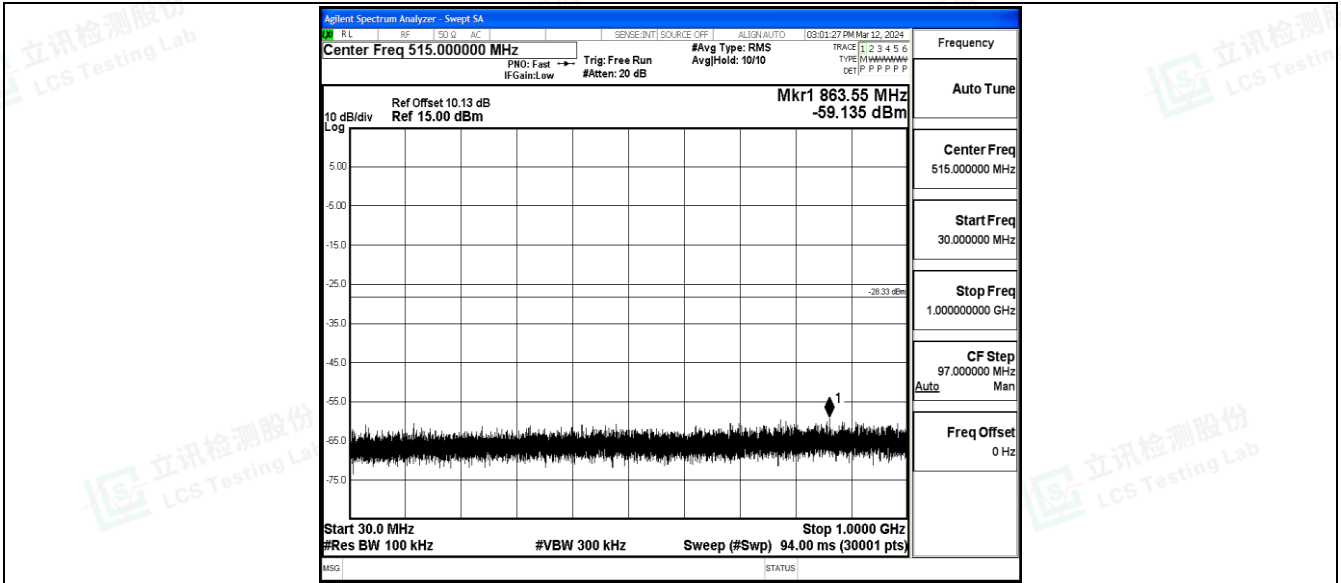


11N40SISO\_Ant1\_2422\_1000~26500

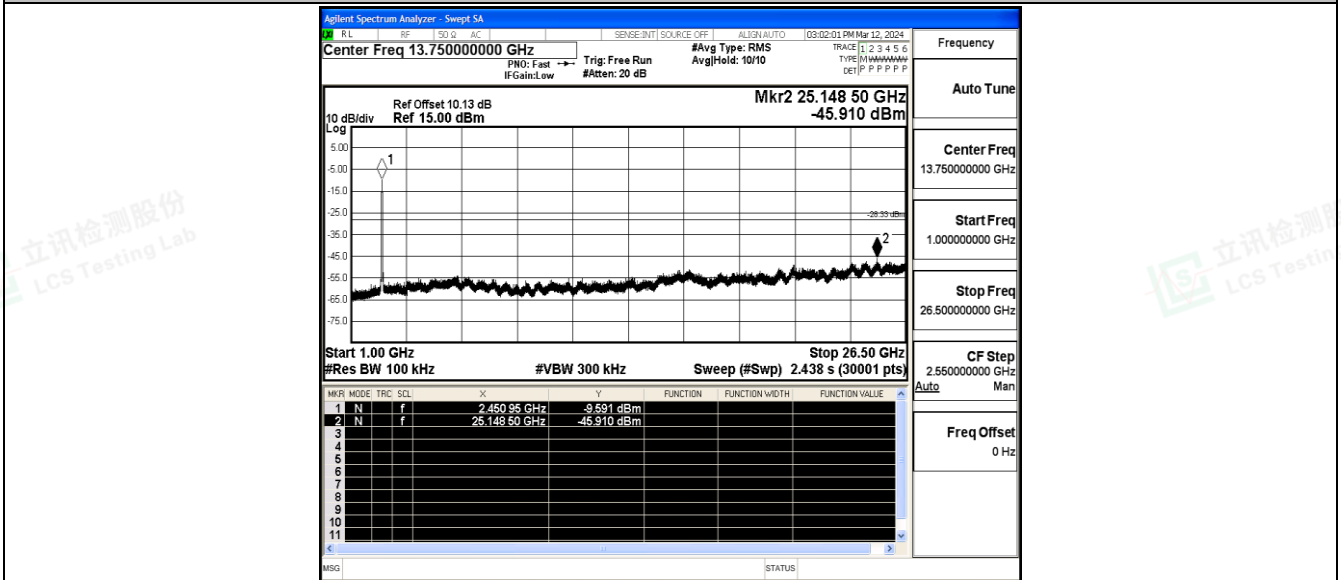


11N40SISO\_Ant1\_2437\_30~1000



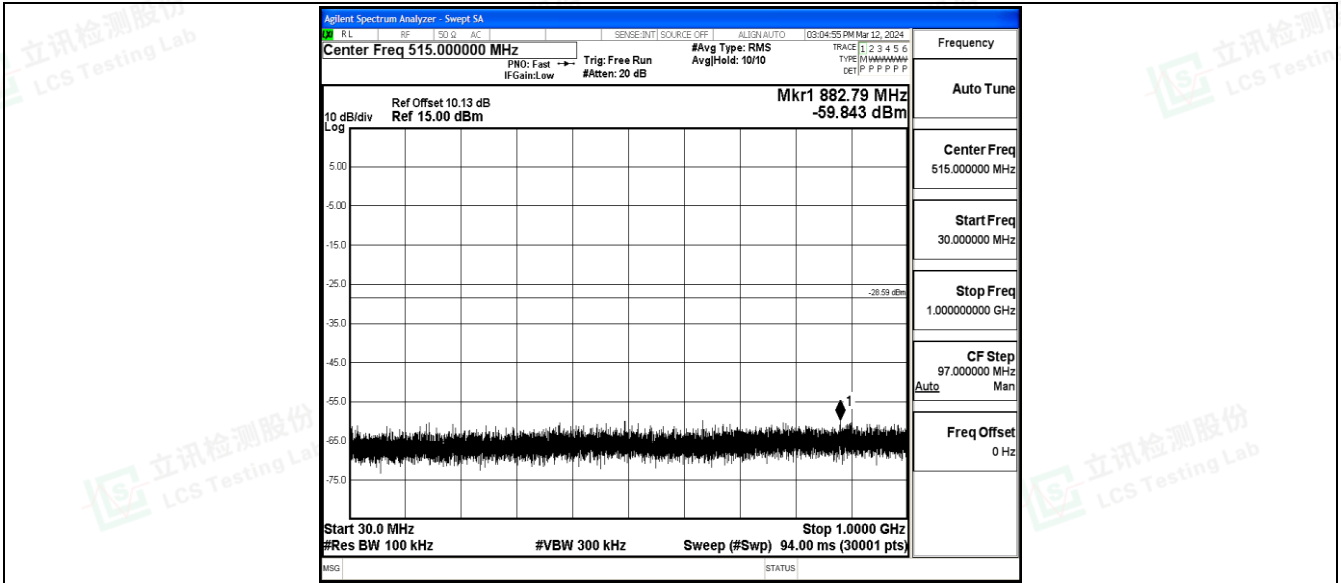


11N40SISO\_Ant1\_2437\_1000~26500

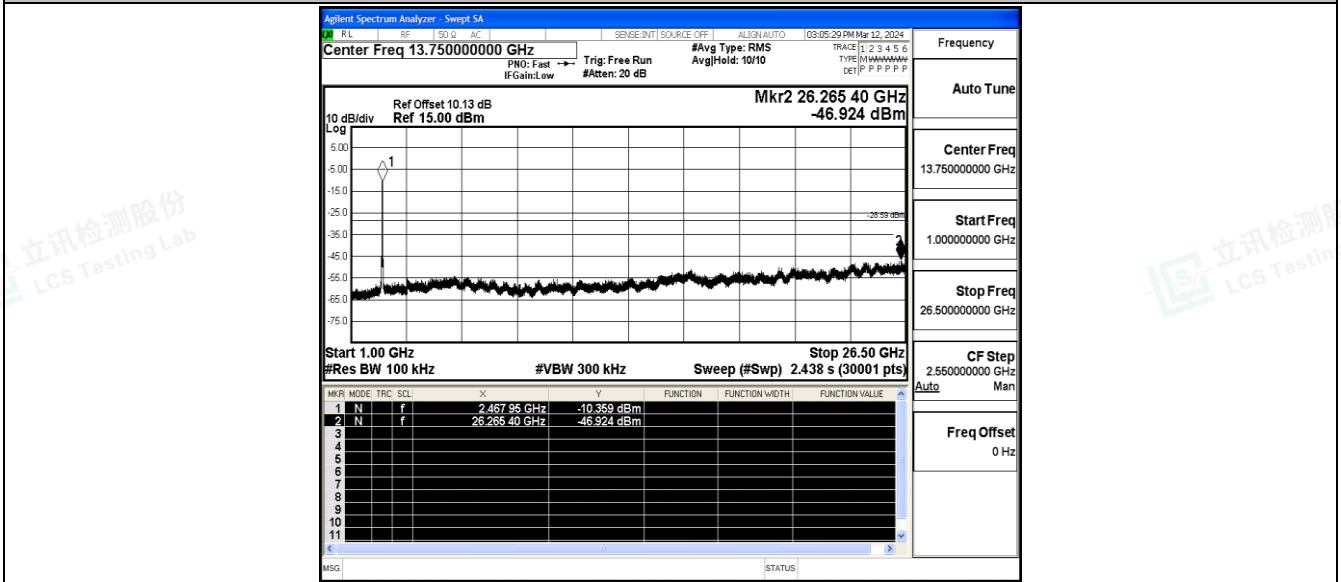


11N40SISO\_Ant1\_2452\_30~1000





11N40SISO\_Ant1\_2452\_1000~26500





### Appendix E: Reference level measurement

#### Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2410.99	3.30
		2437	2435.99	3.24
		2462	2463.49	2.98
11G	Ant1	2412	2413.25	-2.53
		2437	2440.74	-3.46
		2462	2463.22	-2.56
11N20SISO	Ant1	2412	2410.73	-4.27
		2437	2441.95	-5.12
		2462	2463.22	-3.69
11N40SISO	Ant1	2422	2419.52	-8.26
		2437	2434.47	-8.33
		2452	2449.47	-8.59

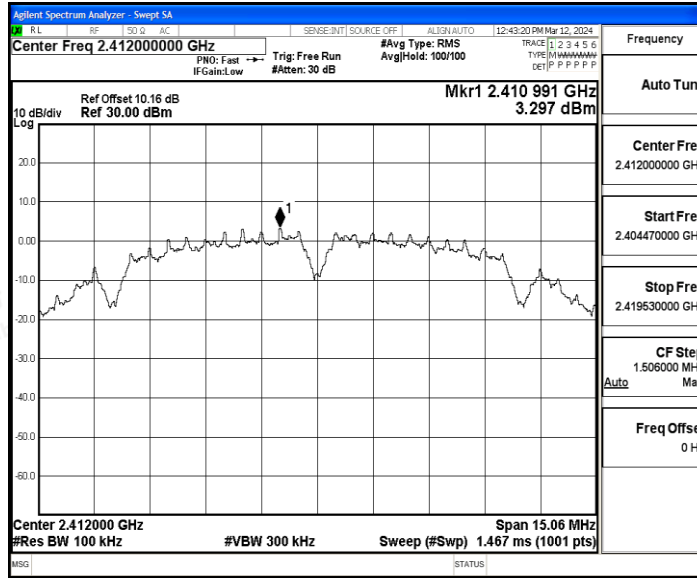


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 Scan code to check authenticity

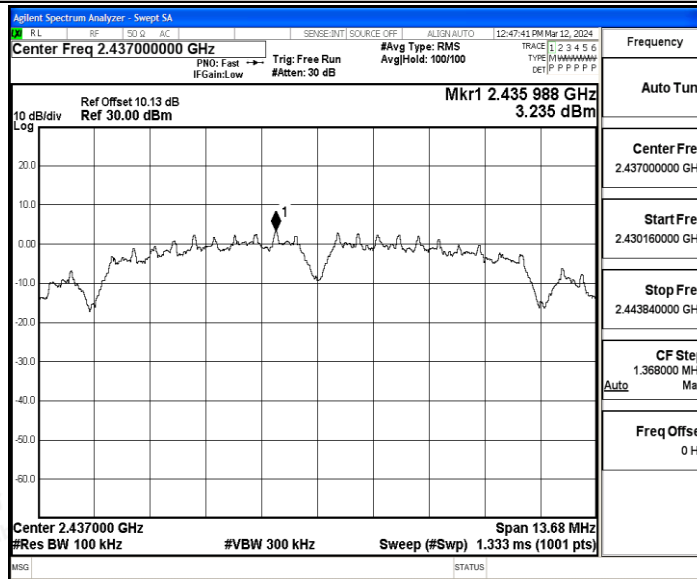


### Test Graphs

11B\_Ant1\_2412



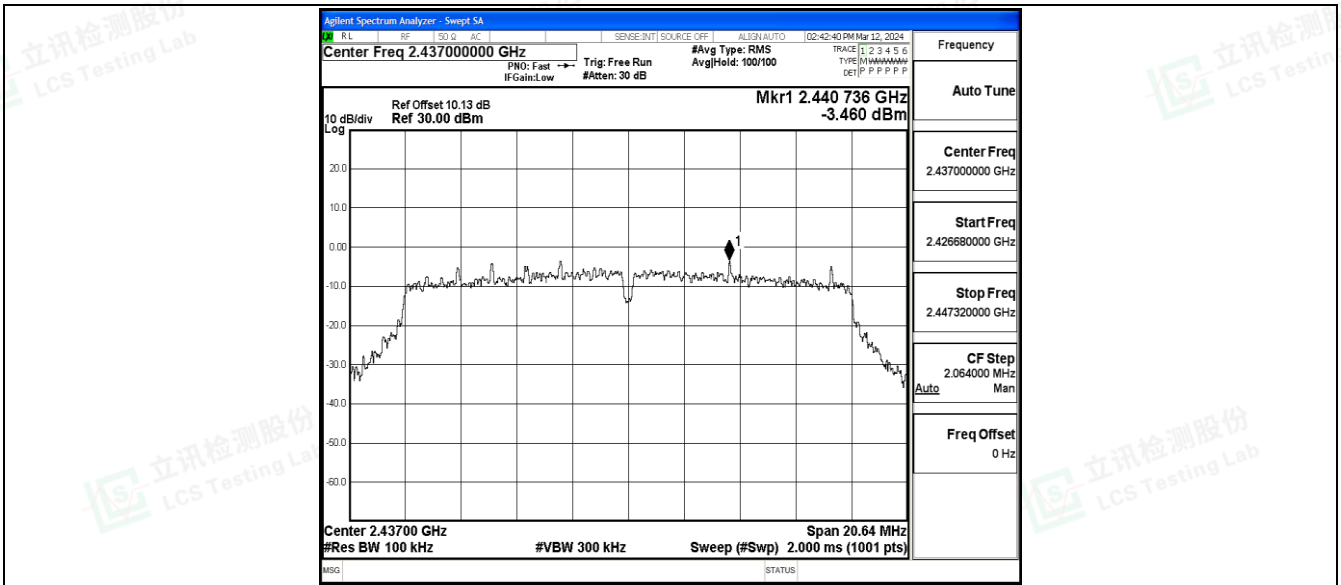
11B\_Ant1\_2437



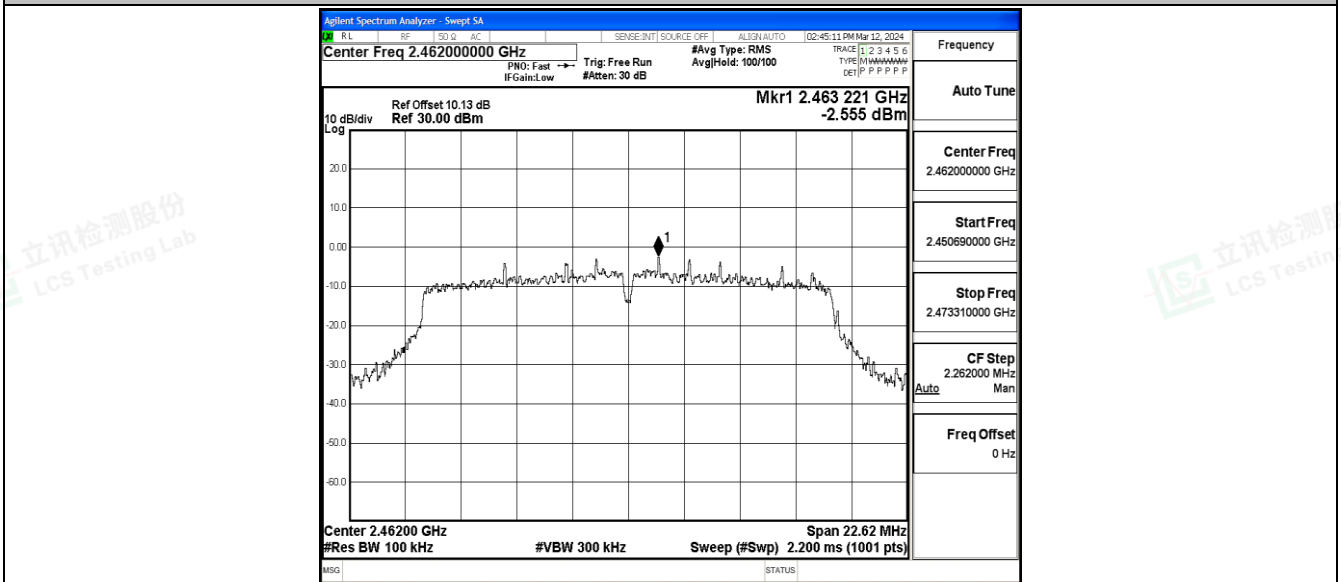
11B\_Ant1\_2462







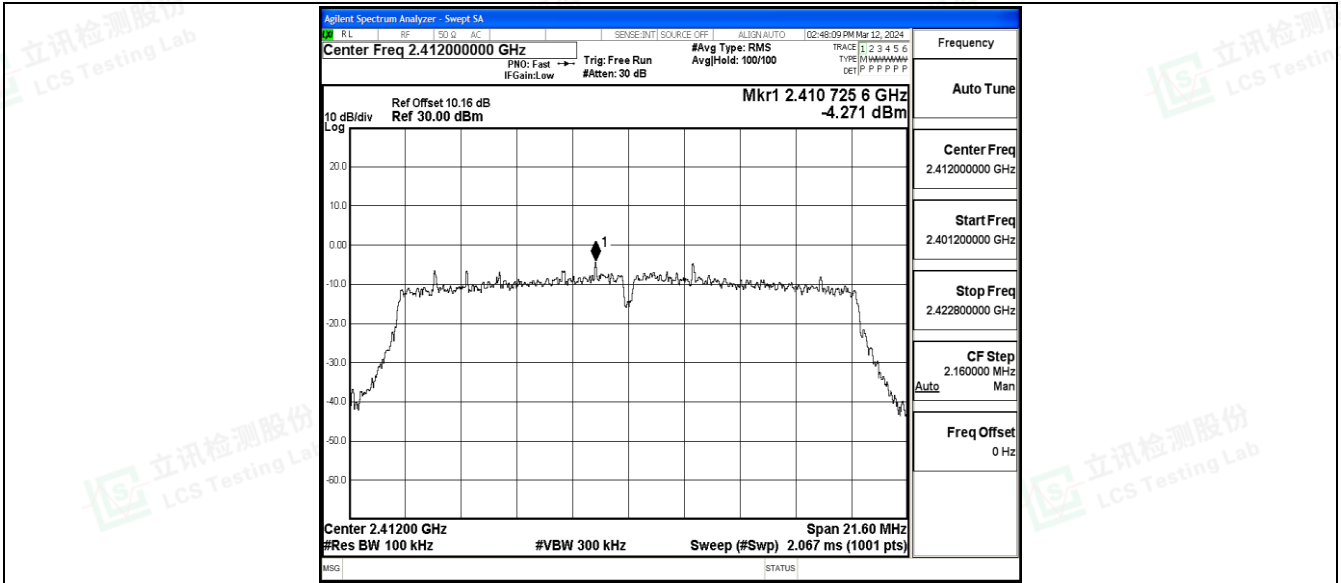
11G\_Ant1\_2462



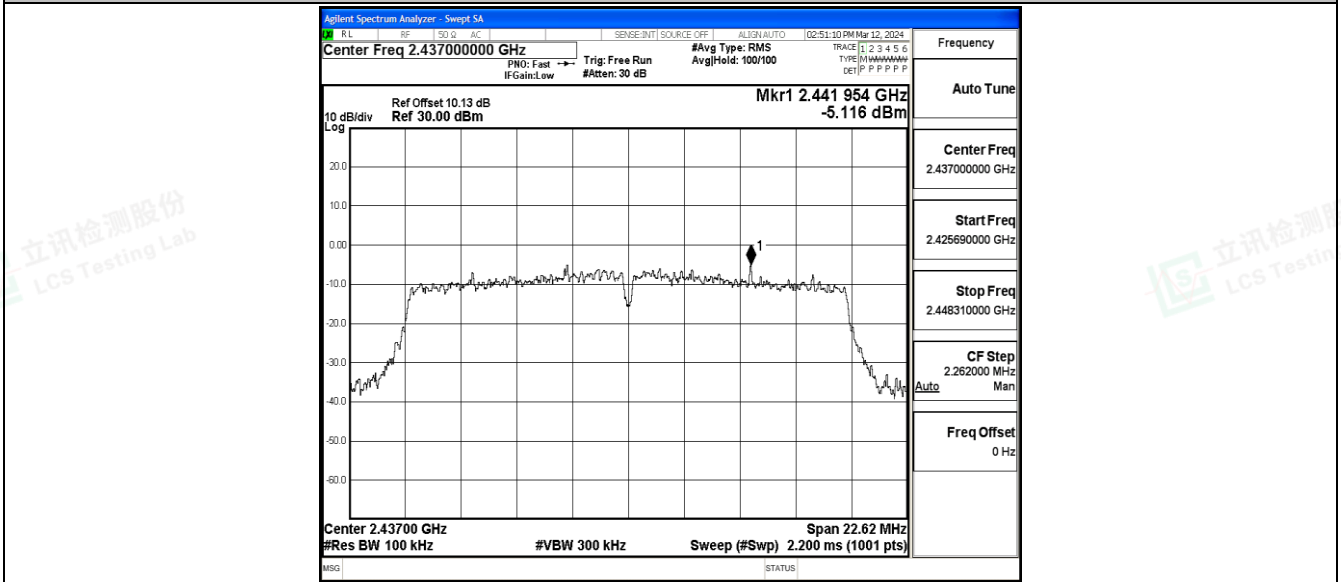
11N20SISO\_Ant1\_2412





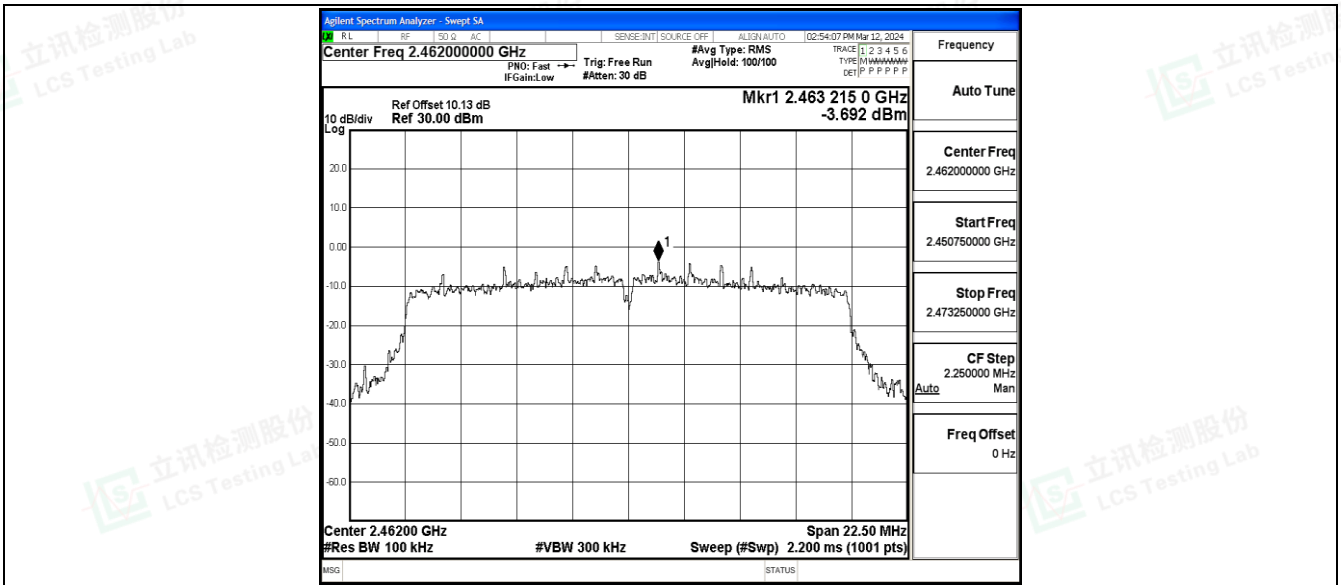


11N20SISO\_Ant1\_2437

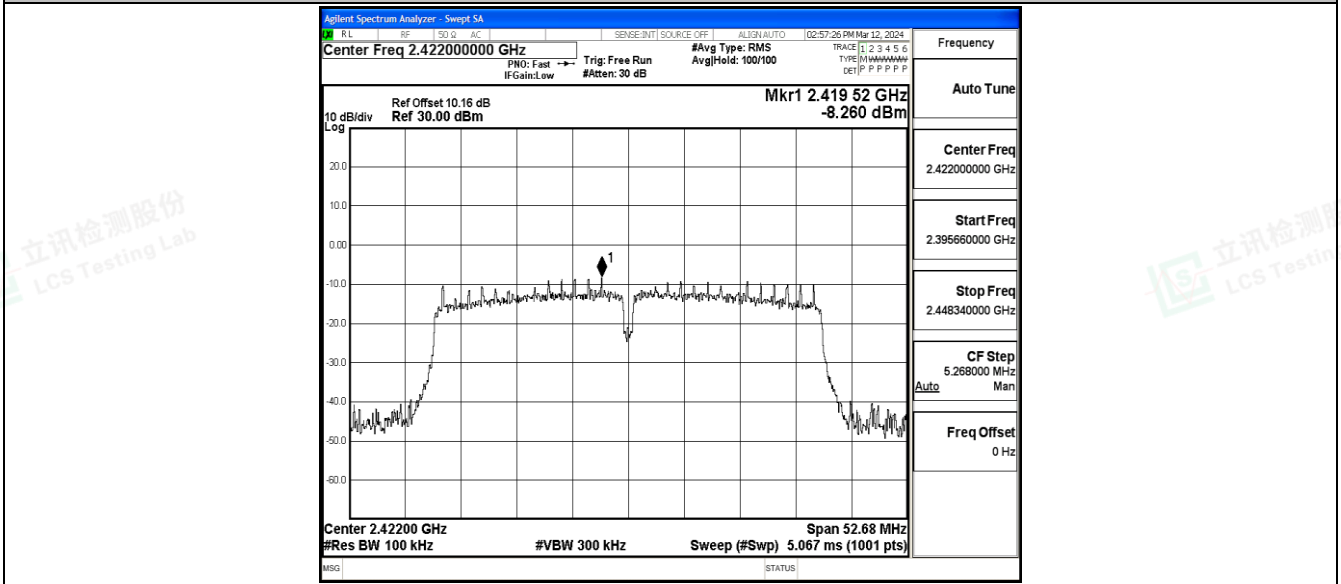


11N20SISO\_Ant1\_2462



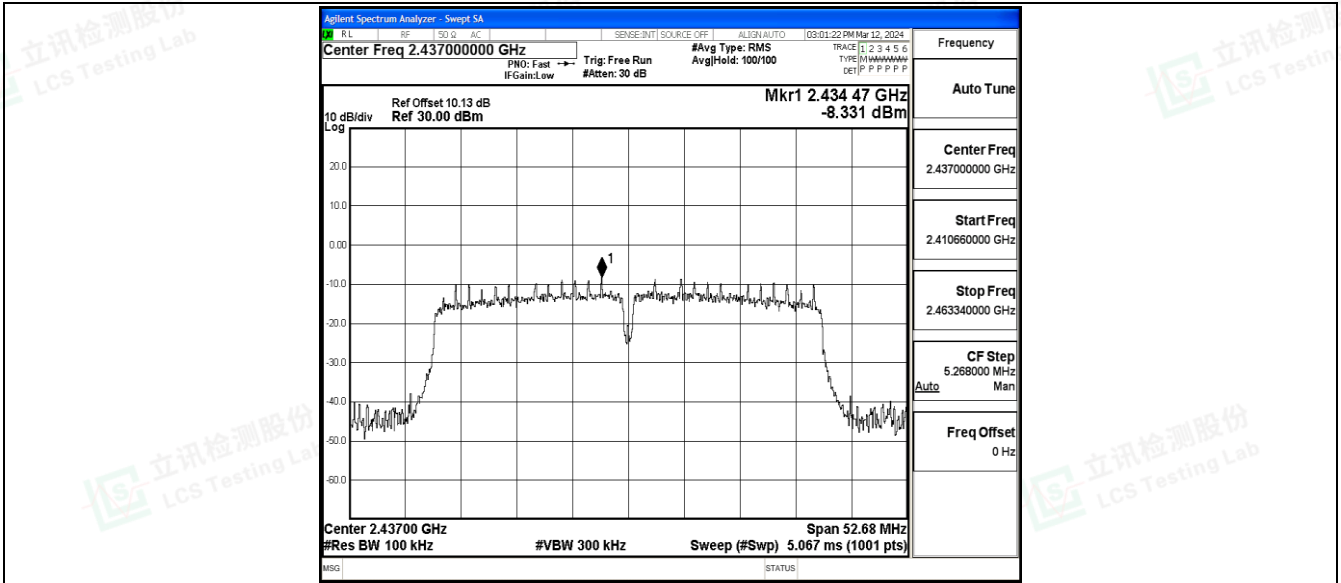


11N40SISO\_Ant1\_2422

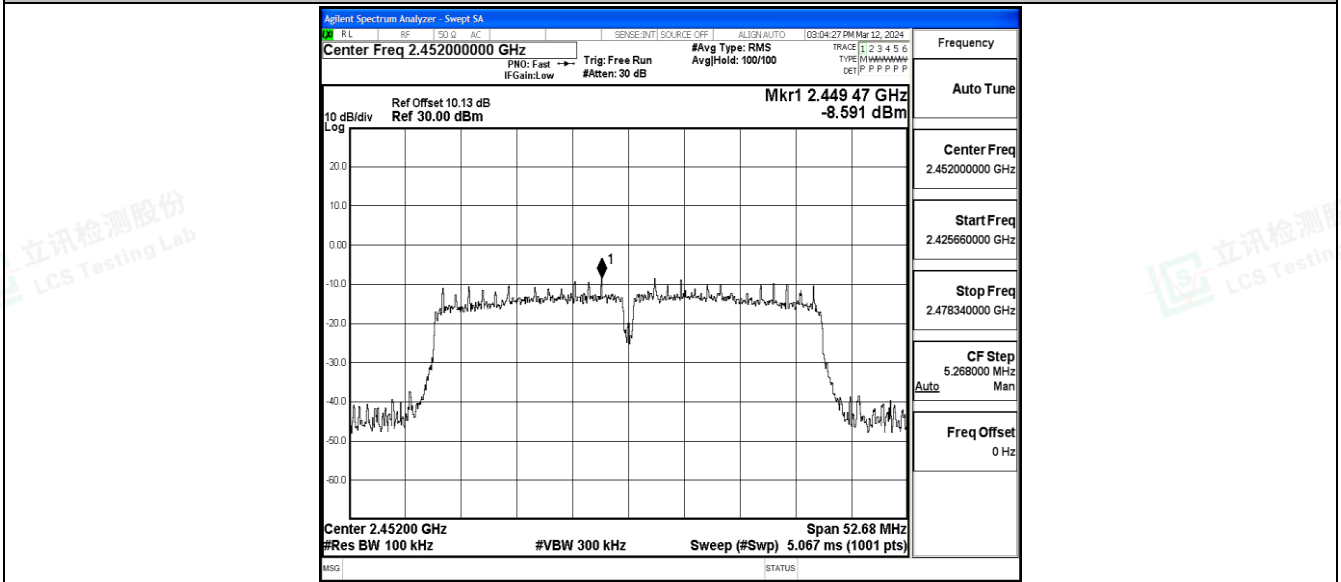


11N40SISO\_Ant1\_2437





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	8.38	8.41	99.64	0.02	0.12	---
11G	Ant1	2412	1.39	1.43	97.20	0.12	0.72	---
		2437	1.39	1.43	97.20	0.12	0.72	---
		2462	1.39	1.42	97.89	0.09	0.72	---
11N20SISO	Ant1	2412	1.30	1.33	97.74	0.10	0.77	---
		2437	1.30	1.33	97.74	0.10	0.77	---
		2462	1.30	1.33	97.74	0.10	0.77	---
11N40SISO	Ant1	2422	0.64	0.68	94.12	0.26	1.56	---
		2437	0.65	0.68	95.59	0.20	1.54	---
		2452	0.65	0.68	95.59	0.20	1.54	---

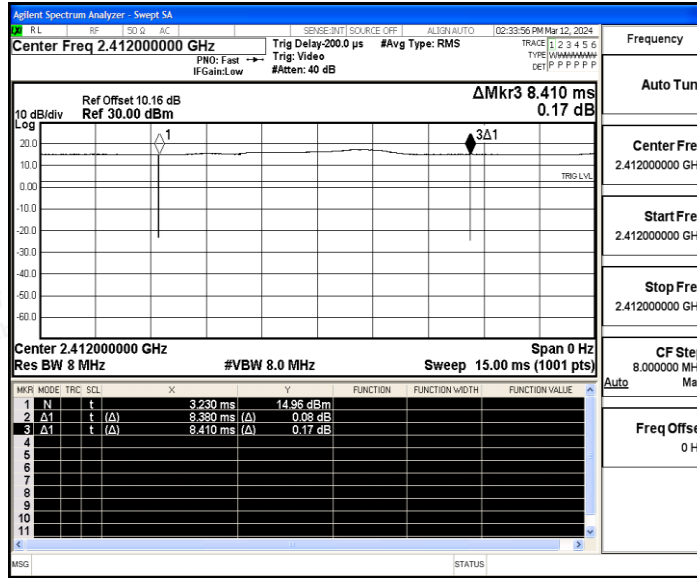


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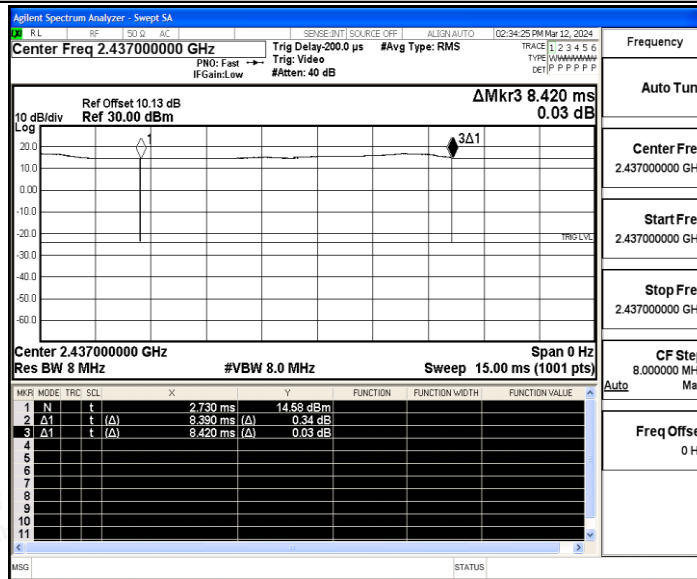


Test Graphs

11B\_Ant1\_2412

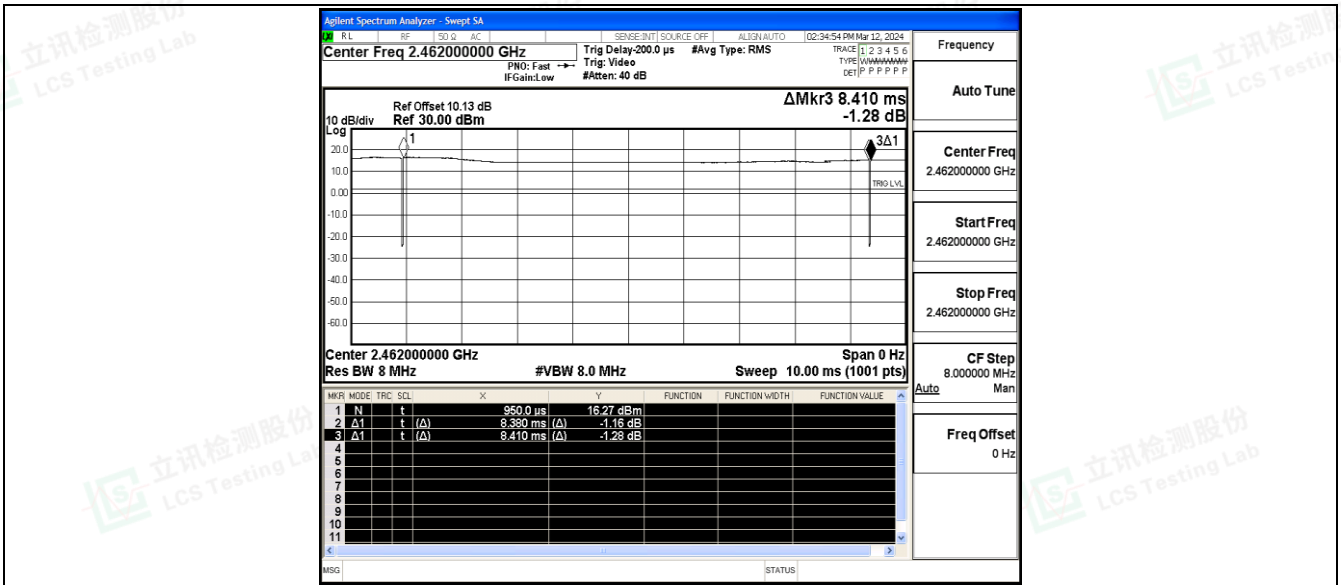


11B\_Ant1\_2437

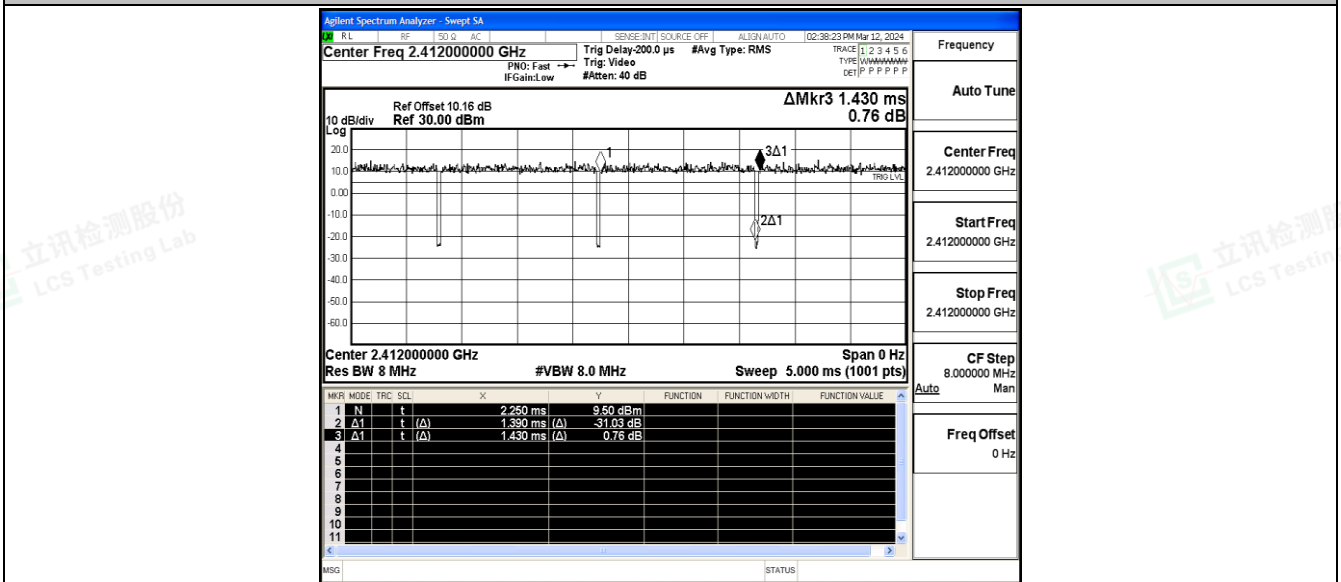


11B\_Ant1\_2462



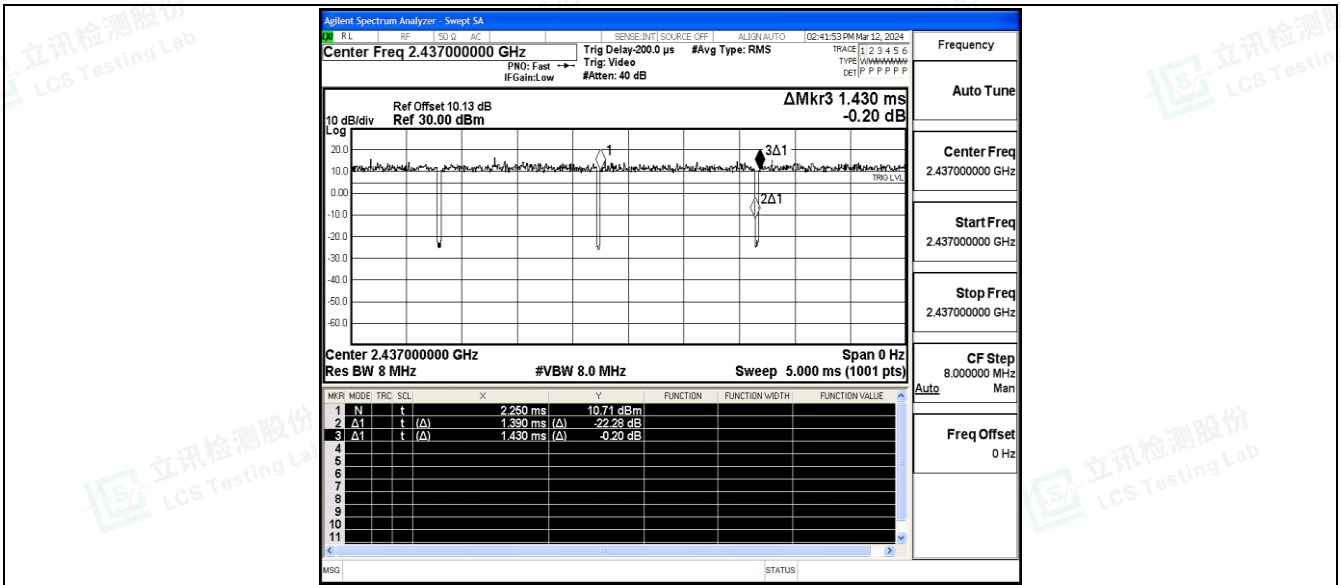


11G\_Ant1\_2412

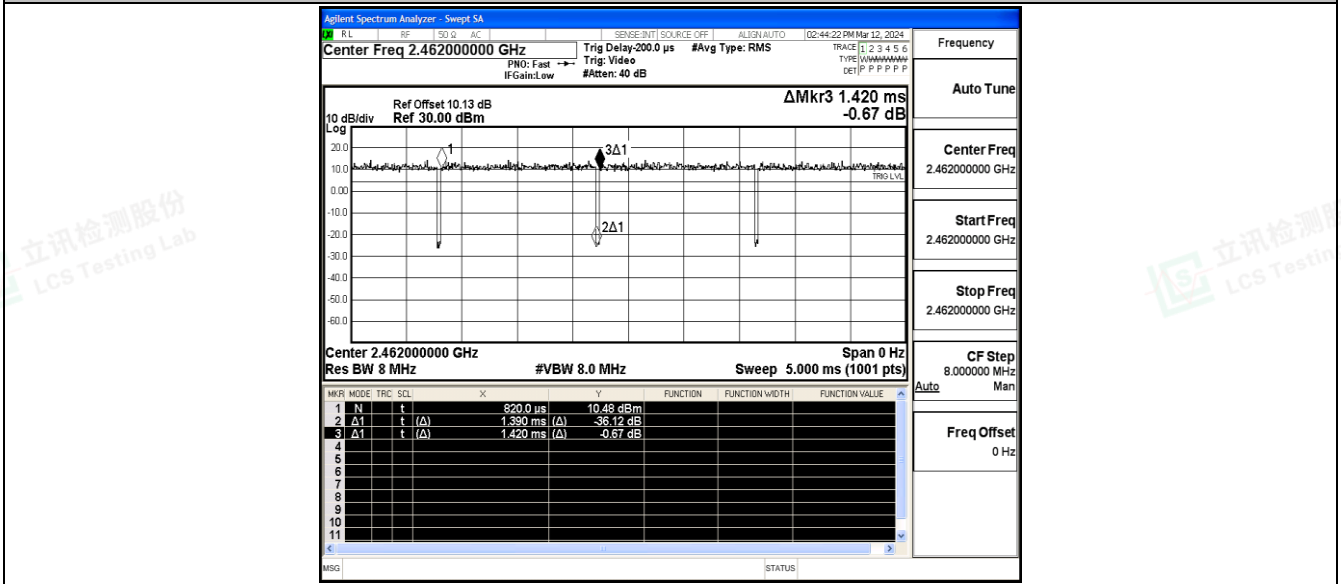


11G\_Ant1\_2437



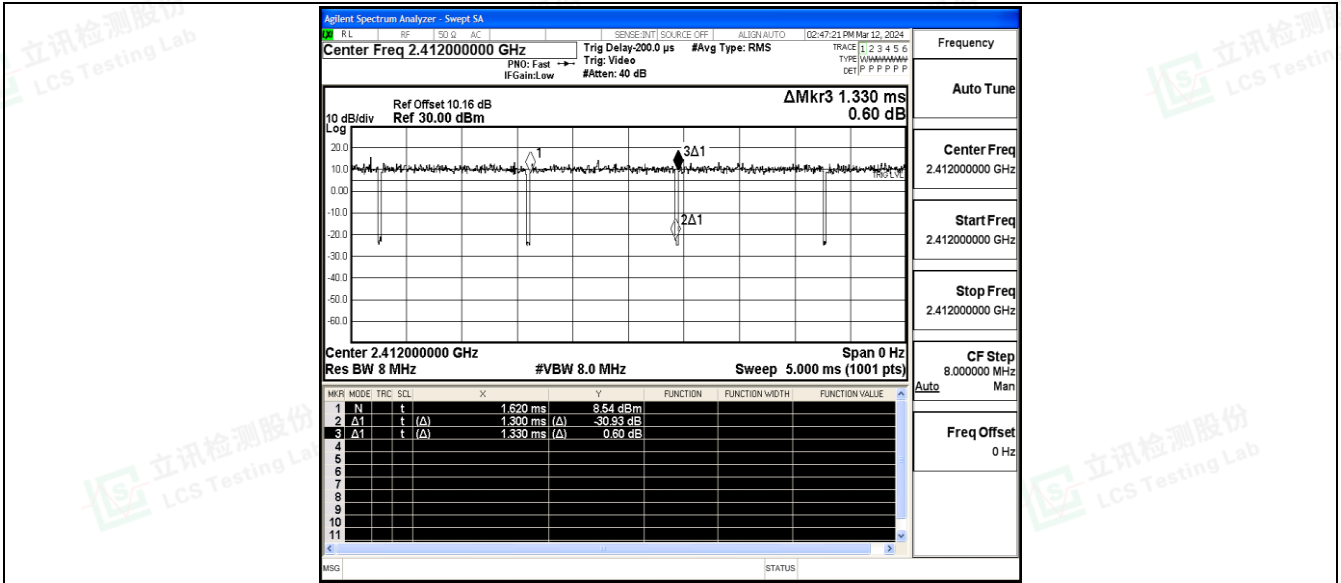


11G\_Ant1\_2462

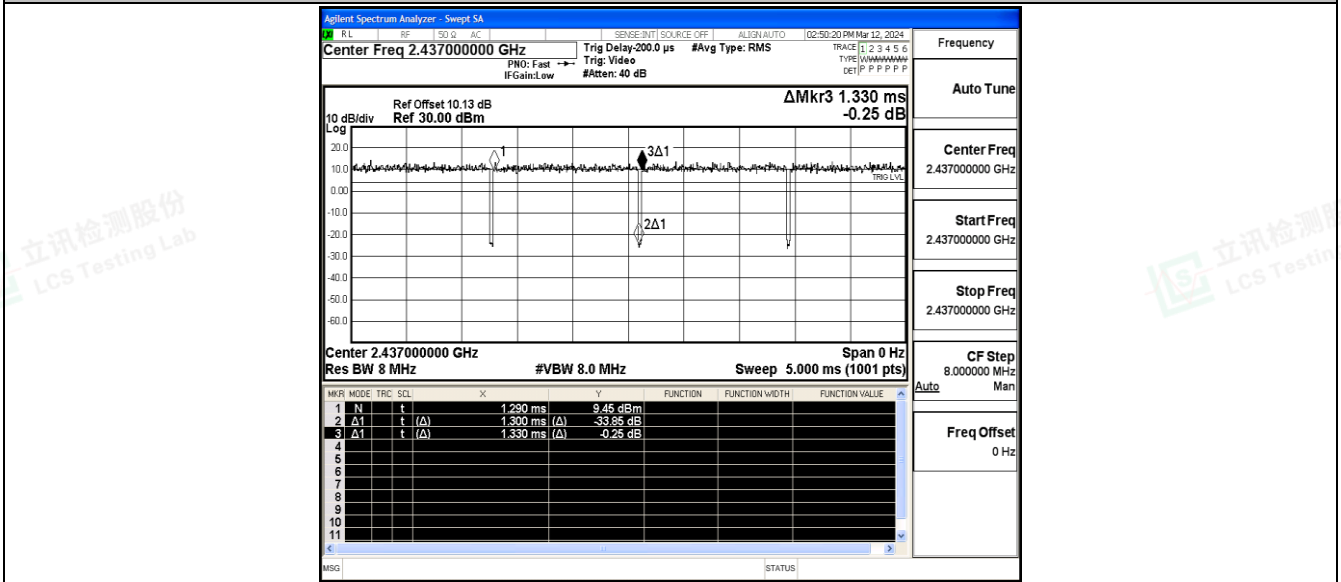


11N20SISO\_Ant1\_2412





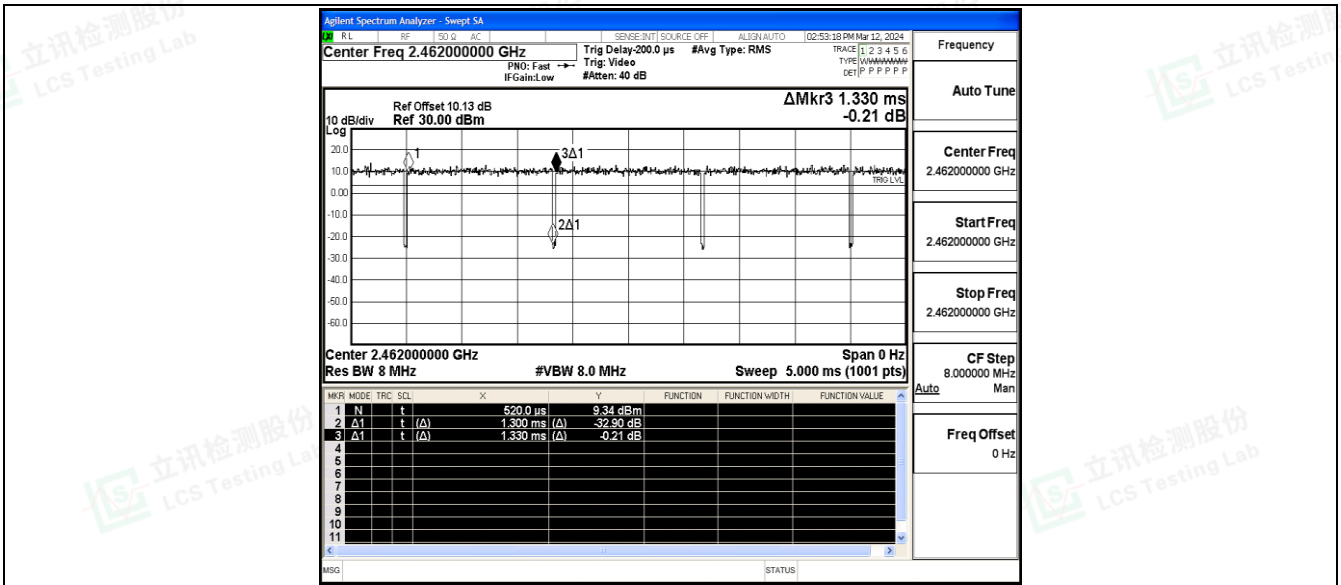
11N20SISO\_Ant1\_2437



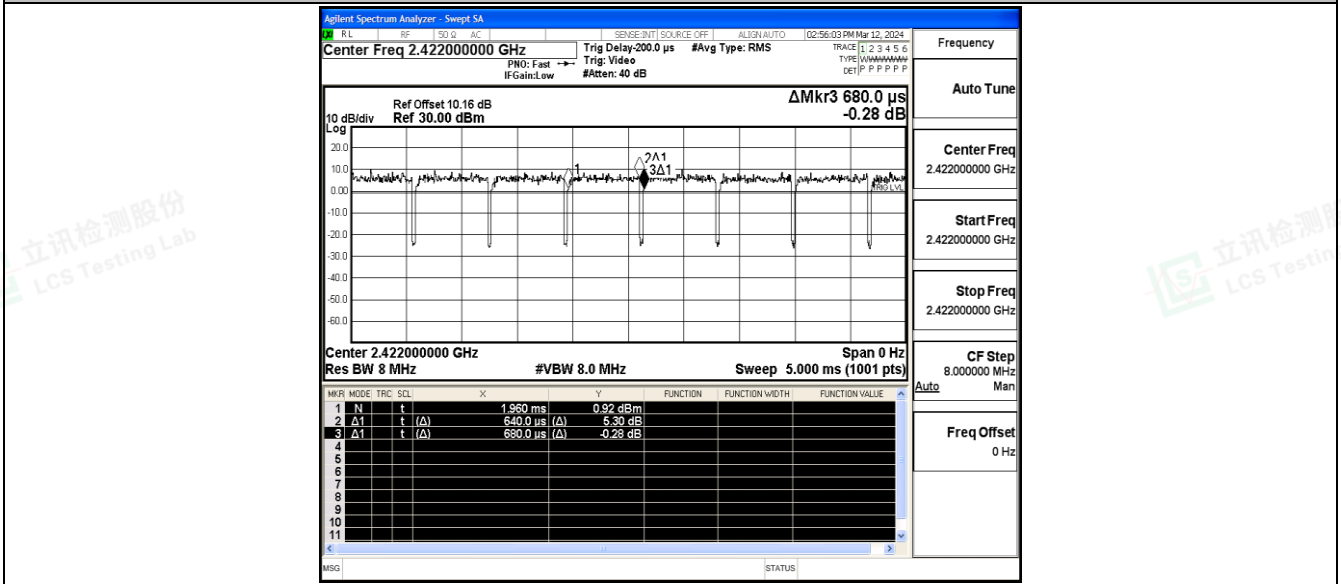
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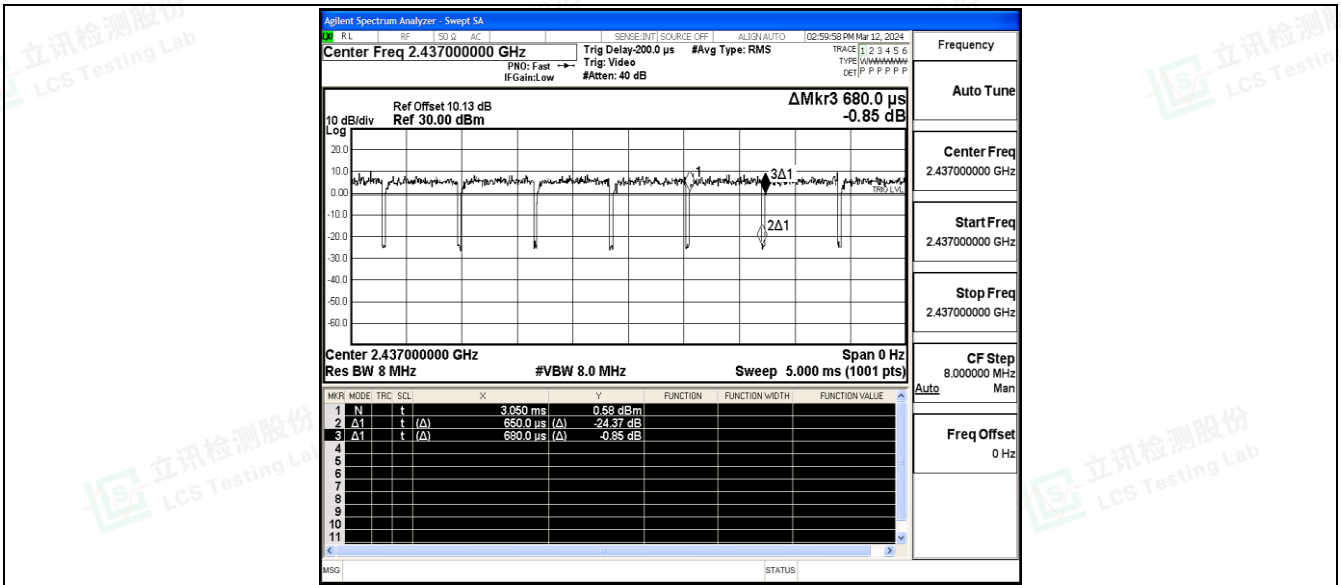


11N40SISO\_Ant1\_2422

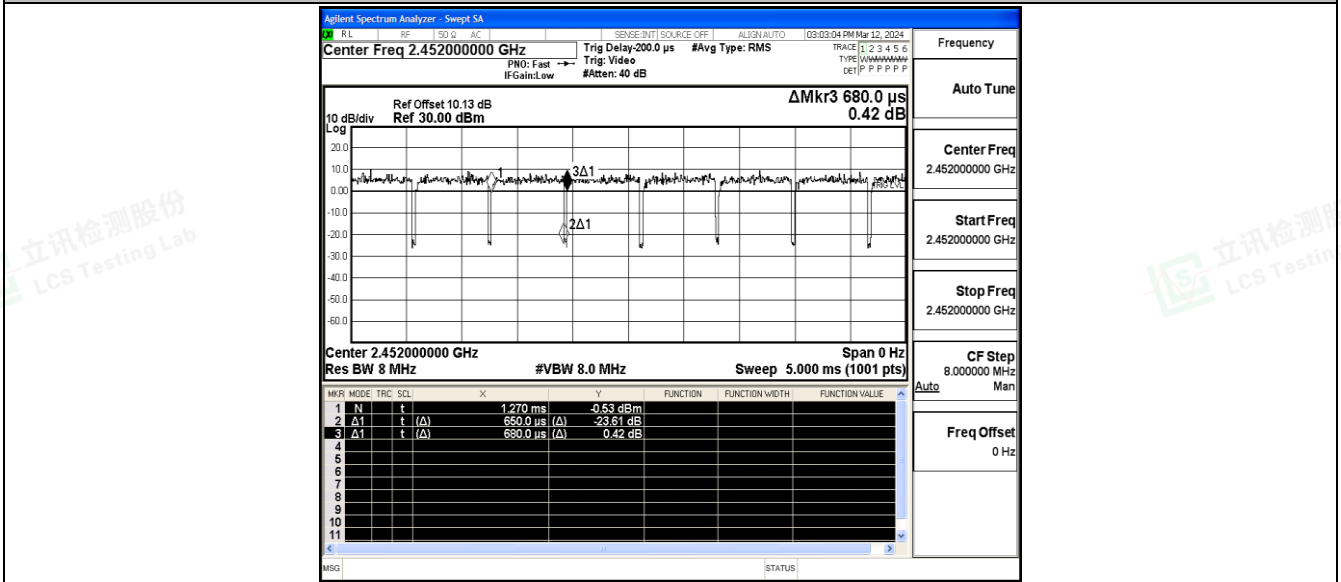


11N40SISO\_Ant1\_2437





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	-47.72	≤-41.20	47.48	≤54	PASS
				AV	2386.710	-45.24	≤-41.20	49.96	≤54	PASS
				AV	2390.000	-47.3	≤-41.20	47.90	≤54	PASS
				Peak	2310.000	-39.65	≤-21.20	55.55	≤74	PASS
				Peak	2386.190	-36.39	≤-21.20	58.81	≤74	PASS
				Peak	2390.000	-40.04	≤-21.20	55.16	≤74	PASS
		High	2462	AV	2483.500	-41.71	≤-41.20	53.49	≤54	PASS
				AV	2483.560	-42.51	≤-41.20	52.69	≤54	PASS
				AV	2500.000	-47.39	≤-41.20	47.81	≤54	PASS
				Peak	2483.500	-35.3	≤-21.20	59.90	≤74	PASS
				Peak	2484.440	-34.78	≤-21.20	60.42	≤74	PASS
				Peak	2500.000	-37.62	≤-21.20	57.58	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-47.82	≤-41.20	47.38	≤54	PASS
				AV	2389.830	-45.56	≤-41.20	49.64	≤54	PASS
				AV	2390.000	-45.8	≤-41.20	49.40	≤54	PASS
				Peak	2310.000	-40.03	≤-21.20	55.17	≤74	PASS
				Peak	2388.920	-36.58	≤-21.20	58.62	≤74	PASS
				Peak	2390.000	-38.1	≤-21.20	57.10	≤74	PASS
		High	2462	AV	2483.500	-42.93	≤-41.20	52.27	≤54	PASS
				AV	2483.670	-42.81	≤-41.20	52.39	≤54	PASS
				AV	2500.000	-46.42	≤-41.20	48.78	≤54	PASS
				Peak	2483.500	-33.74	≤-21.20	61.46	≤74	PASS
				Peak	2483.890	-32.69	≤-21.20	62.51	≤74	PASS
				Peak	2500.000	-39.5	≤-21.20	55.70	≤74	PASS
11N20SI SO	Ant1	Low	2412	AV	2310.000	-47.75	≤-41.20	47.45	≤54	PASS
				AV	2389.960	-45.59	≤-41.20	49.61	≤54	PASS
				AV	2390.000	-45.59	≤-41.20	49.61	≤54	PASS
				Peak	2310.000	-39.31	≤-21.20	55.89	≤74	PASS
				Peak	2389.180	-33.62	≤-21.20	61.58	≤74	PASS
				Peak	2390.000	-38.4	≤-21.20	56.80	≤74	PASS
		High	2462	AV	2483.500	-43.3	≤-41.20	51.90	≤54	PASS
				AV	2483.670	-43.22	≤-41.20	51.98	≤54	PASS
				AV	2500.000	-46.13	≤-41.20	49.07	≤54	PASS
				Peak	2483.500	-31.53	≤-21.20	63.67	≤74	PASS
				Peak	2483.560	-32.06	≤-21.20	63.14	≤74	PASS



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11N40SI SO	Ant1	Low	2422	Peak	2500.000	-38.75	≤-21.20	56.45	≤74	PASS
				AV	2310.000	-46.86	≤-41.20	48.34	≤54	PASS
				AV	2388.400	-43.17	≤-41.20	52.03	≤54	PASS
				AV	2390.000	-44.06	≤-41.20	51.14	≤54	PASS
				Peak	2310.000	-40.89	≤-21.20	54.31	≤74	PASS
				Peak	2388.920	-27.91	≤-21.20	67.29	≤74	PASS
		High	2452	AV	2483.500	-44.35	≤-41.20	50.85	≤54	PASS
				AV	2485.980	-43.39	≤-41.20	51.81	≤54	PASS
				AV	2500.000	-46.46	≤-41.20	48.74	≤54	PASS
				Peak	2483.500	-36.09	≤-21.20	59.11	≤74	PASS
				Peak	2485.980	-26.05	≤-21.20	69.15	≤74	PASS
				Peak	2500.000	-39.57	≤-21.20	55.63	≤74	PASS

Note:

1. The Antenna Gain is compensated in the graph. The Correction Factor 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.

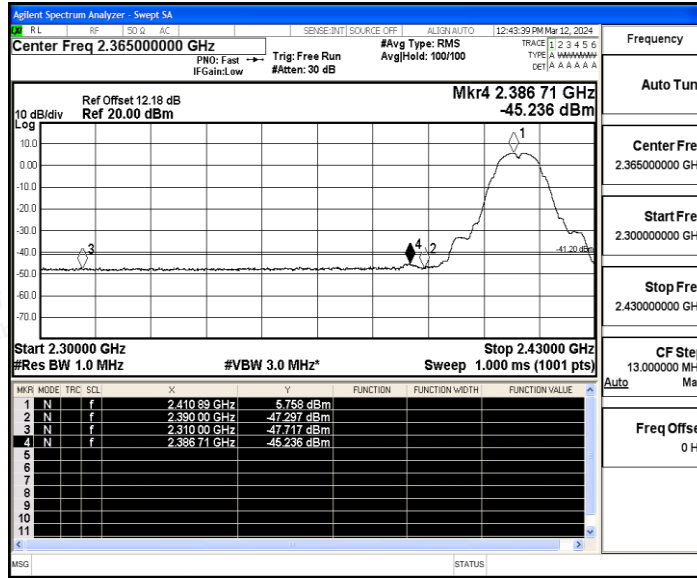


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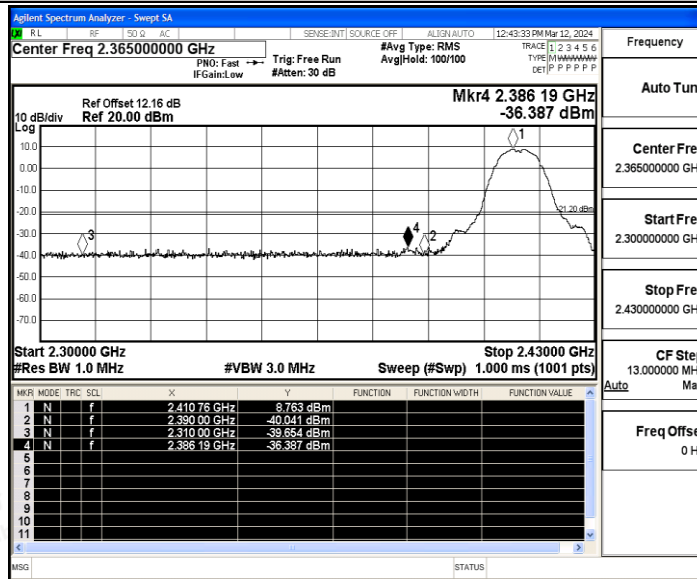


Test Graphs

11B\_Ant1\_Low\_2412\_AV

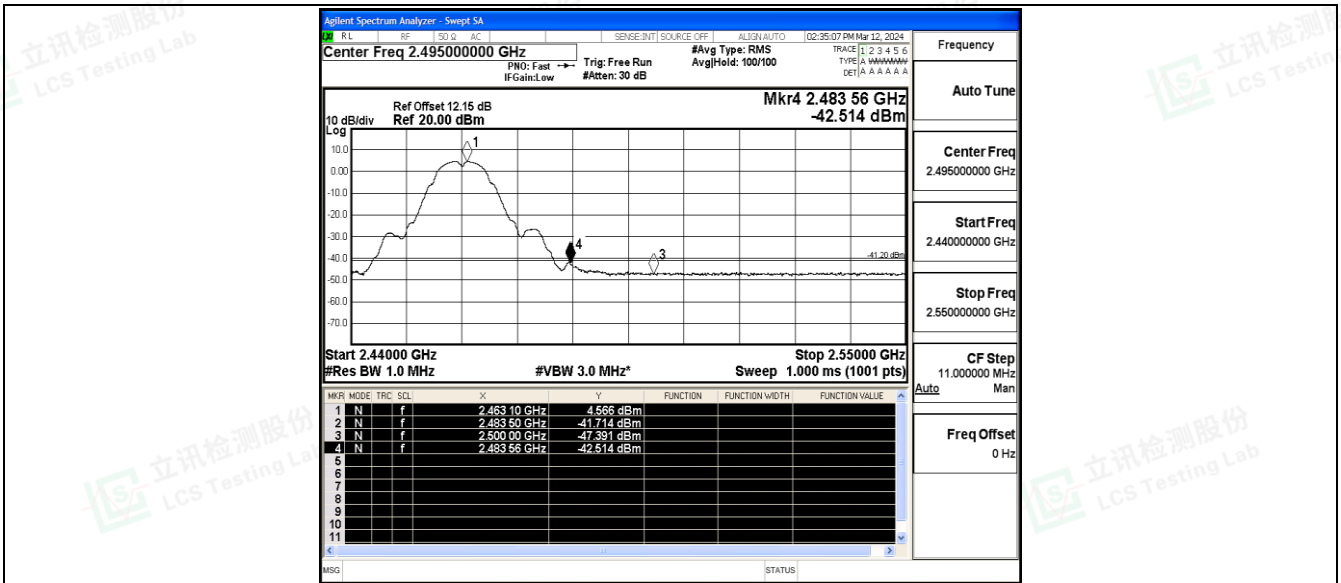


11B\_Ant1\_Low\_2412\_Peak

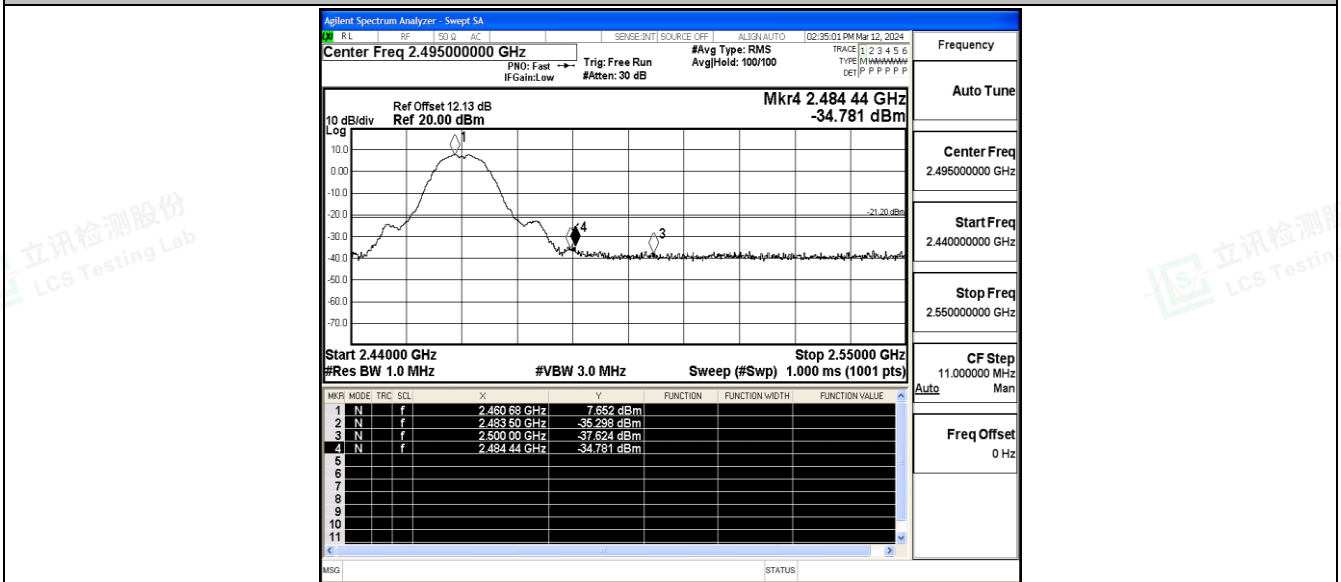


11B\_Ant1\_High\_2462\_AV



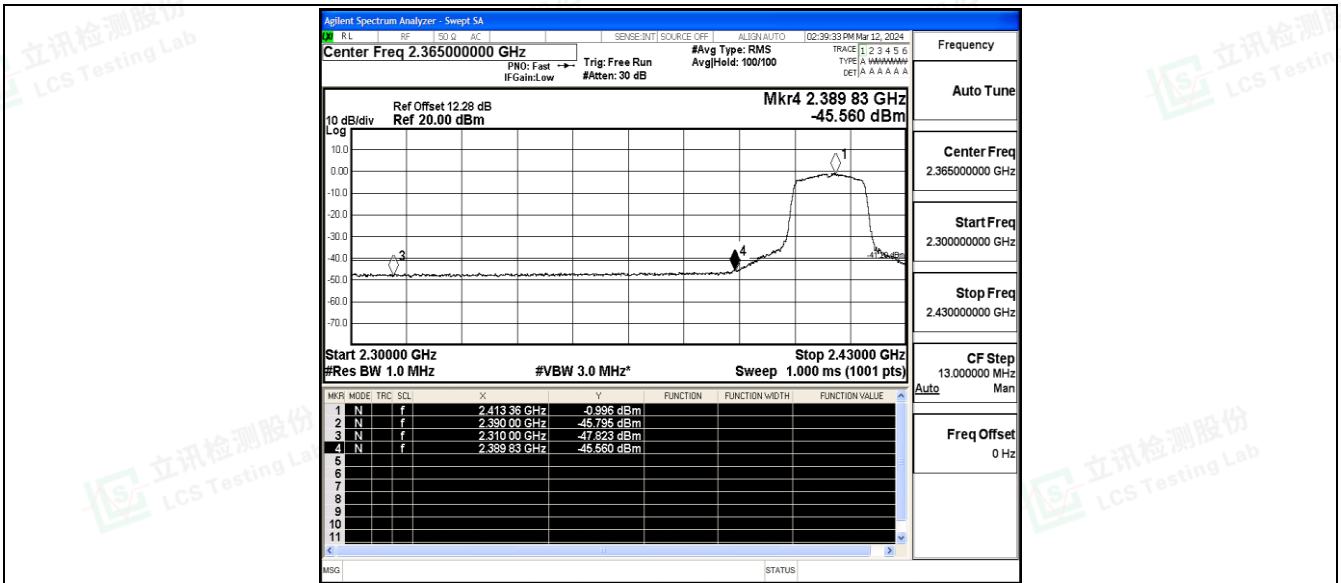


11B\_Ant1\_High\_2462\_Peak

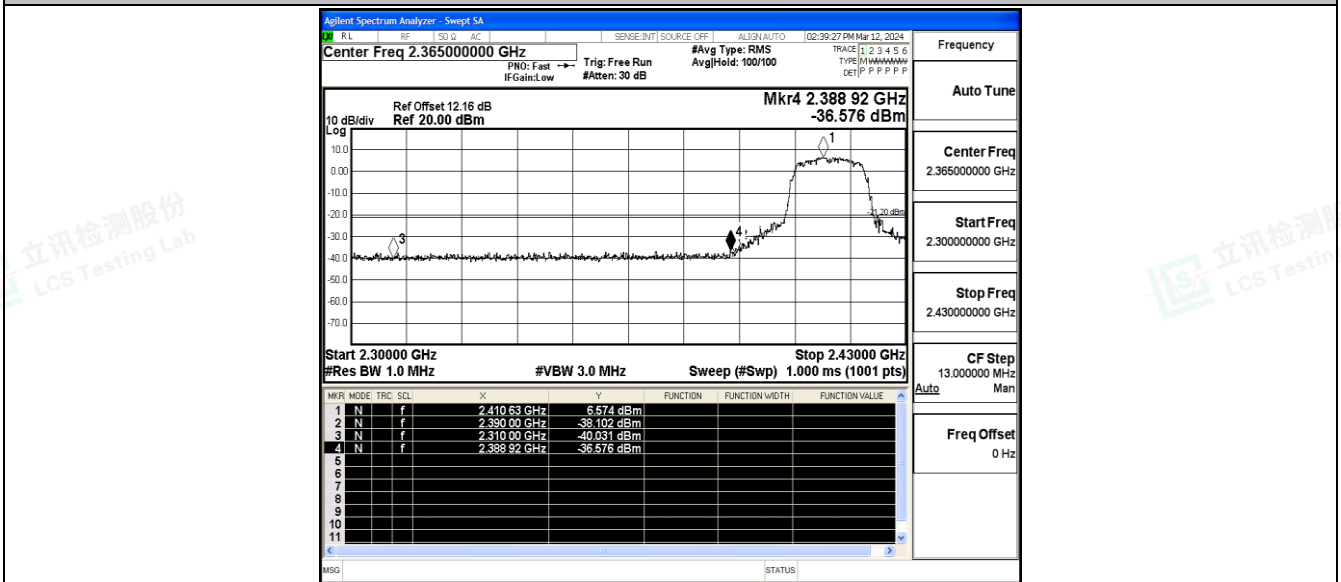


11G\_Ant1\_Low\_2412\_AV



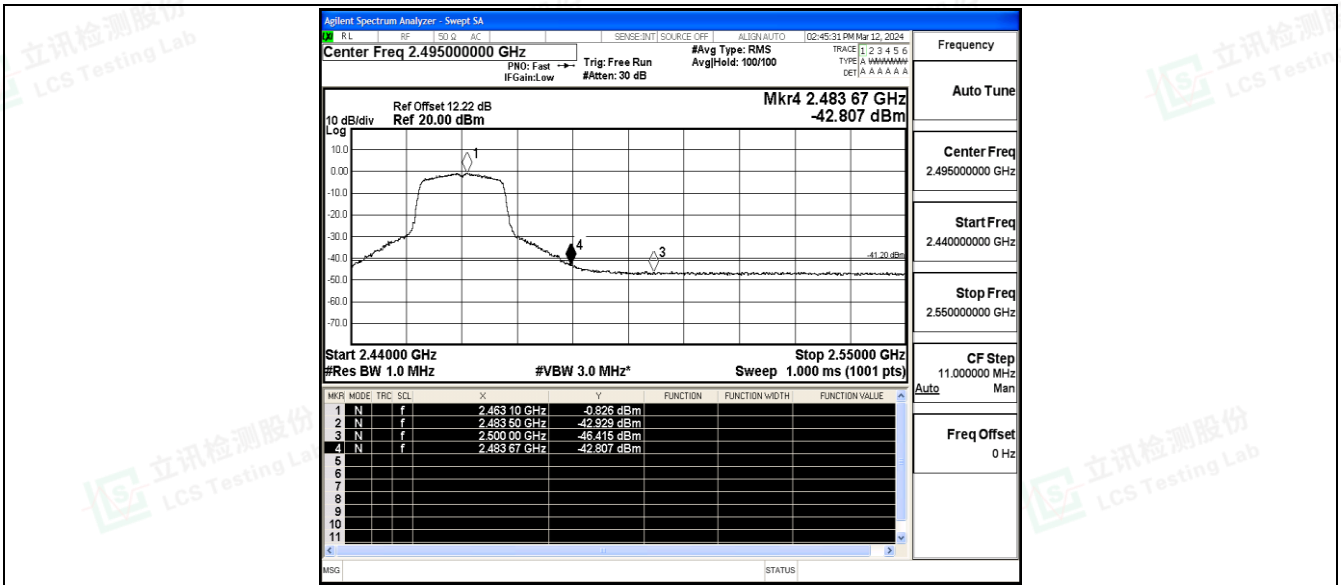


11G\_Ant1\_Low\_2412\_Peak

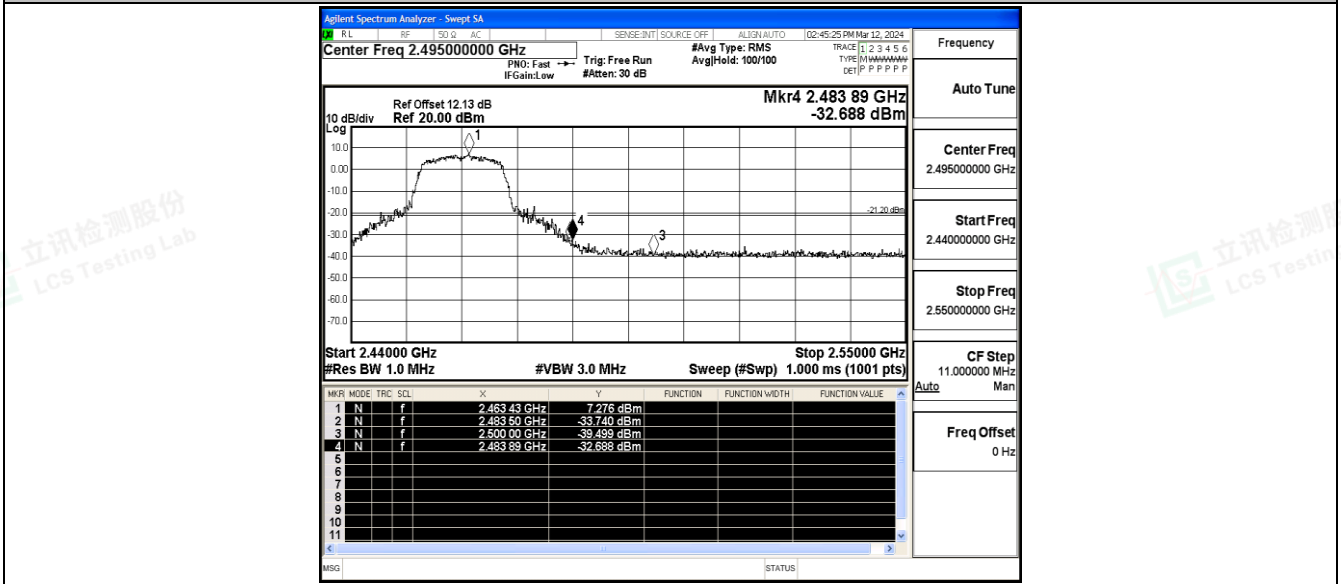


11G\_Ant1\_High\_2462\_AV





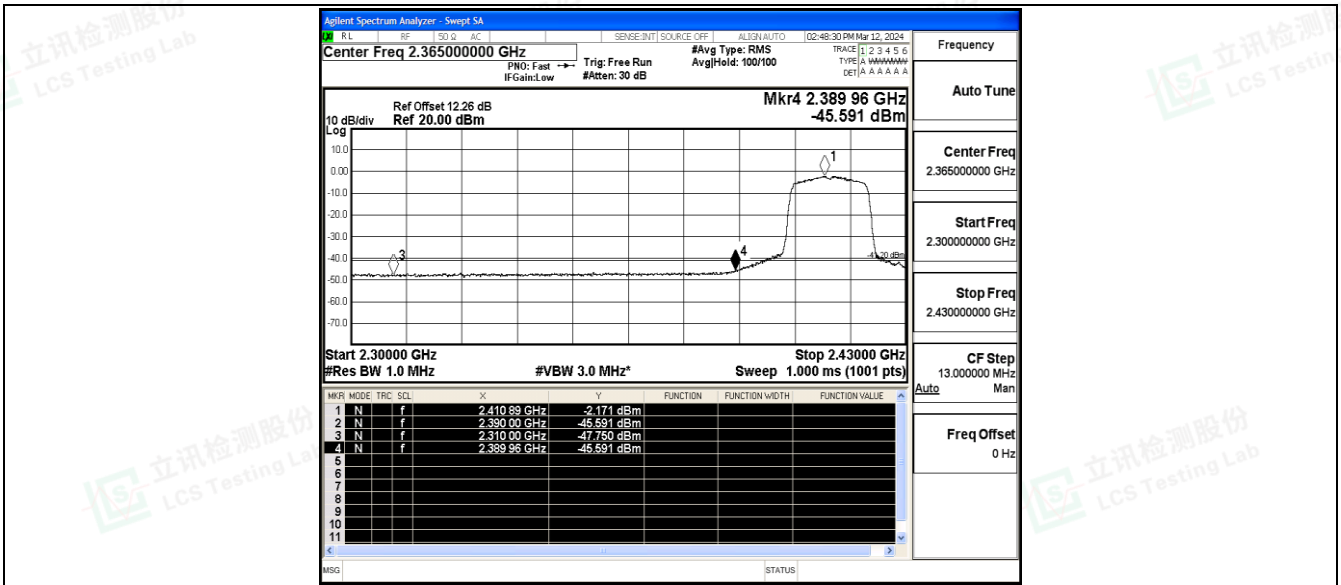
11G\_Ant1\_High\_2462\_Peak



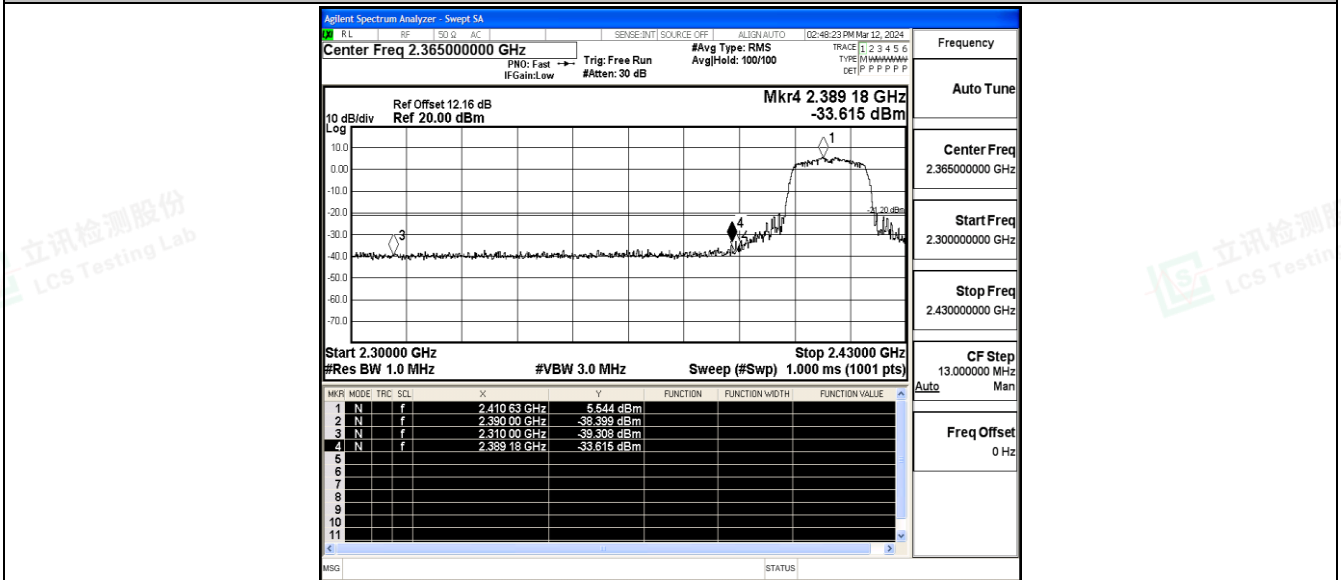
11N20SISO\_Ant1\_Low\_2412\_AV





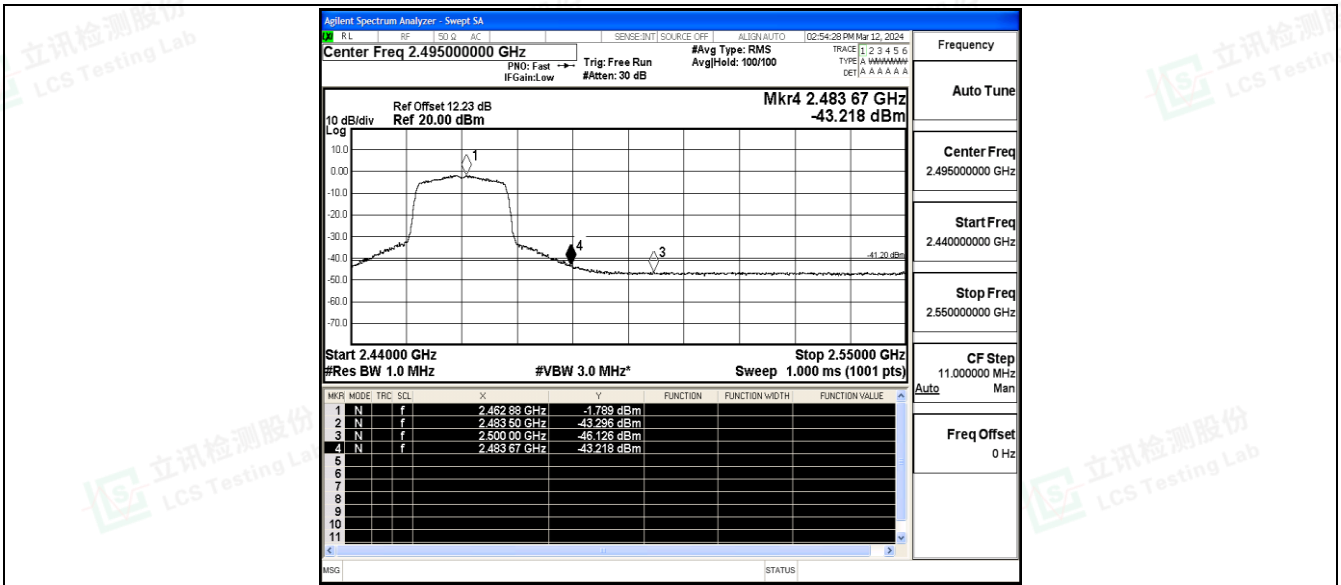


11N20SISO\_Ant1\_Low\_2412\_Peak

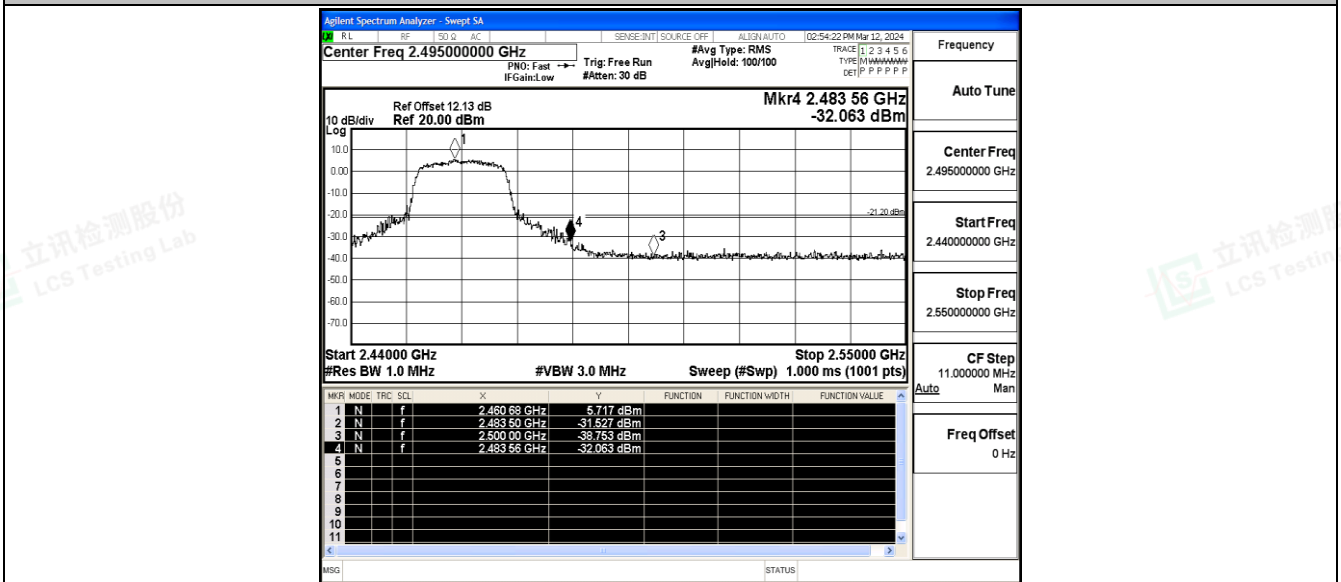


11N20SISO\_Ant1\_High\_2462\_AV



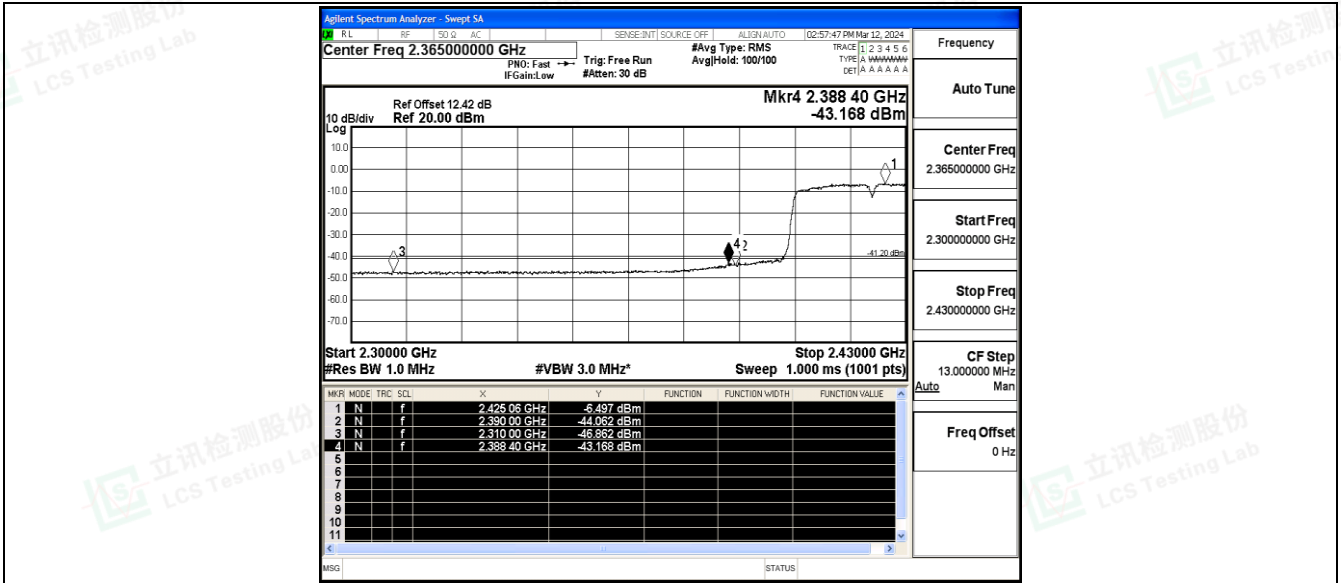


11N20SISO\_Ant1\_High\_2462\_Peak

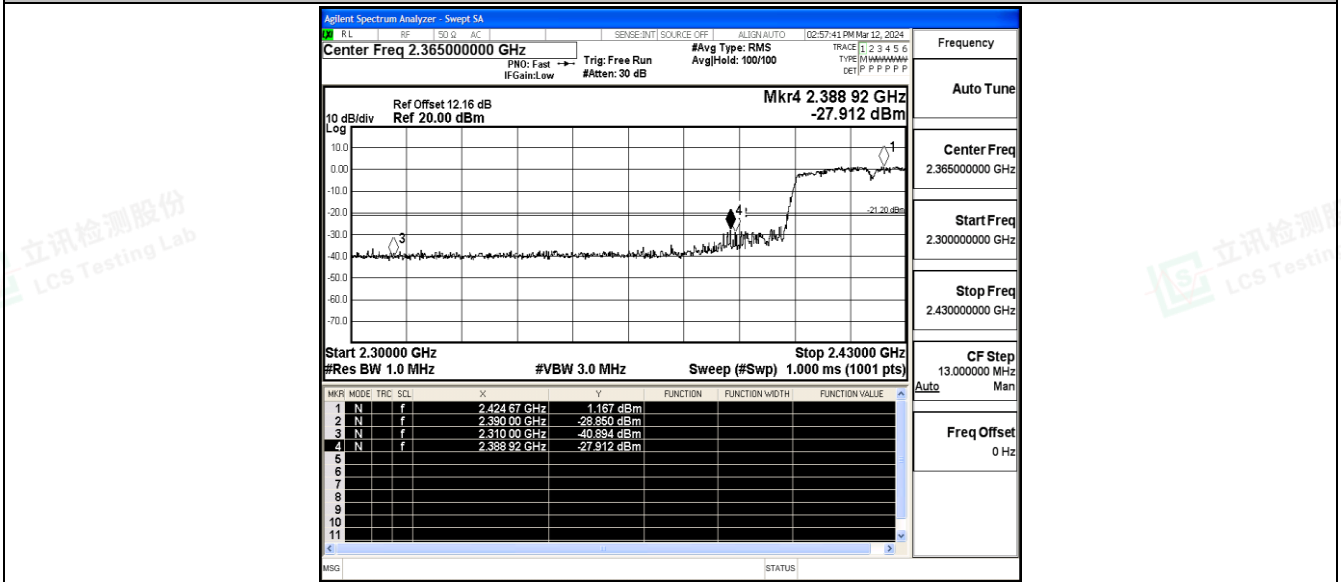


11N40SISO\_Ant1\_Low\_2422\_AV



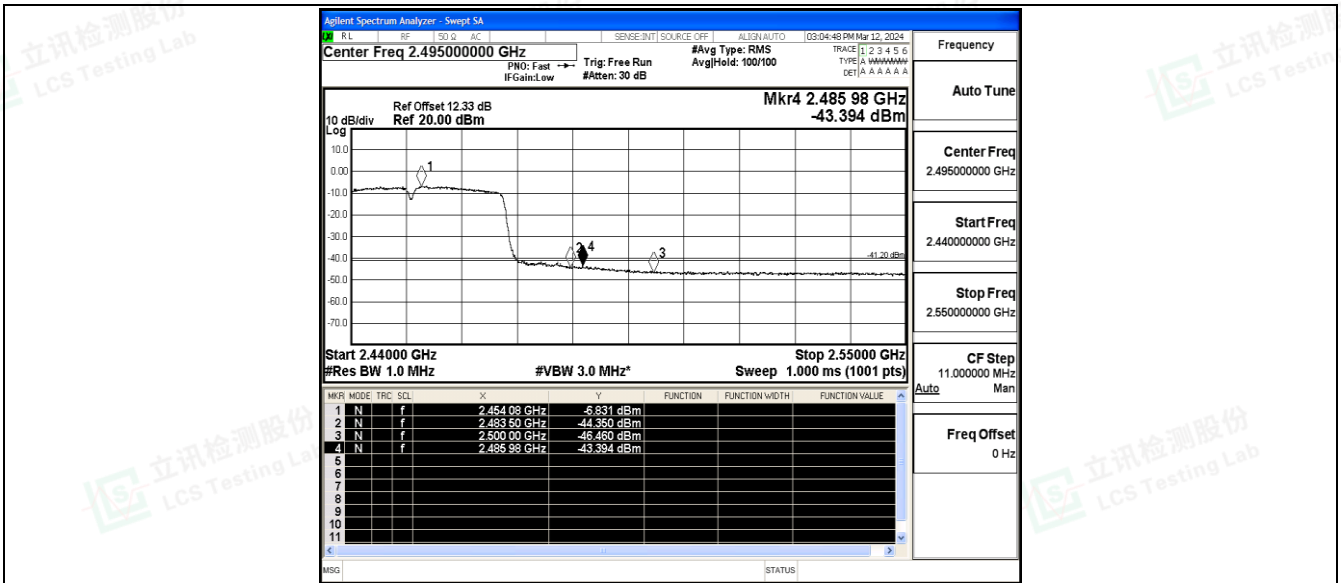


11N40SISO\_Ant1\_Low\_2422\_Peak



11N40SISO\_Ant1\_High\_2452\_AV





11N40SISO\_Ant1\_High\_2452\_Peak

