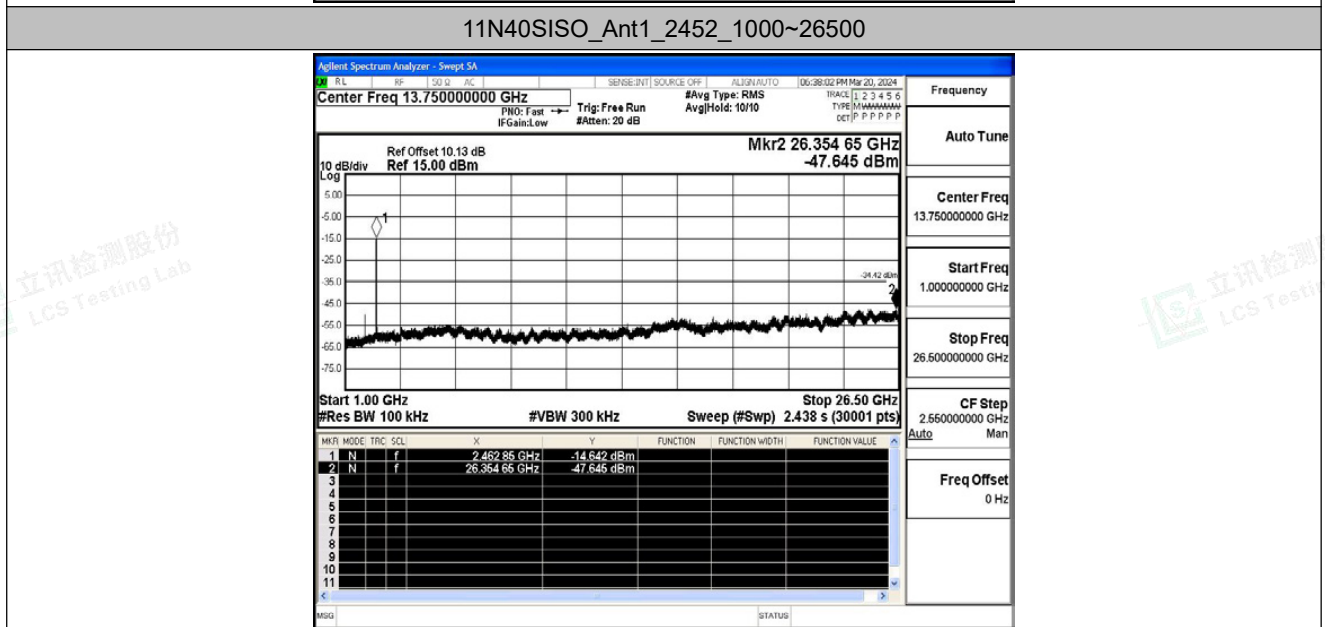
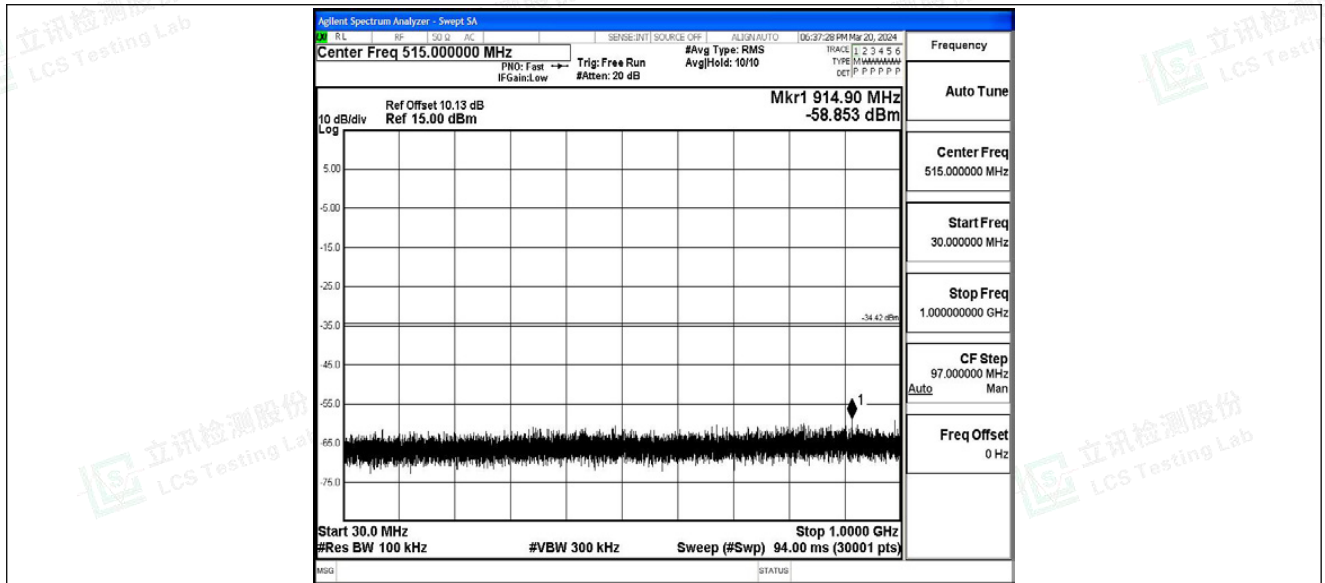




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Appendix E: Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2413.50	-2.54
		2437	2438.01	-2.89
		2462	2463.99	-2.99
11G	Ant1	2412	2416.99	-9.10
		2437	2441.99	-9.10
		2462	2455.72	-10.06
11N20SISO	Ant1	2412	2407.00	-10.14
		2437	2439.48	-10.18
		2462	2460.73	-10.69
11N40SISO	Ant1	2422	2419.48	-14.06
		2437	2439.50	-14.00
		2452	2449.47	-14.42



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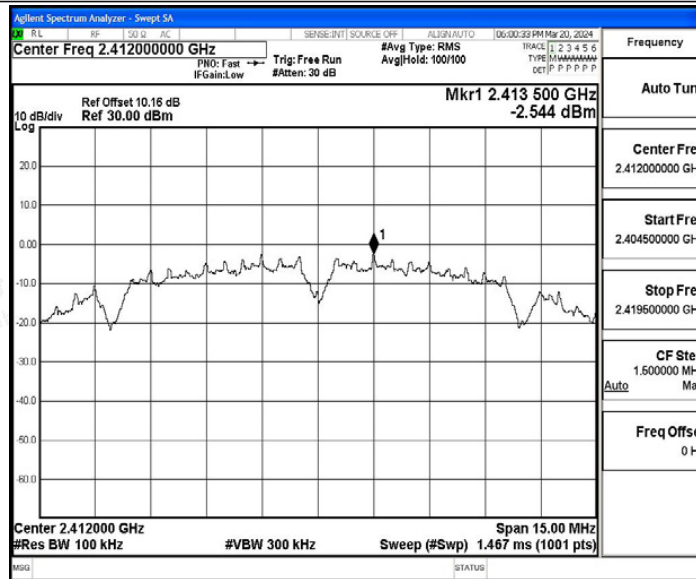
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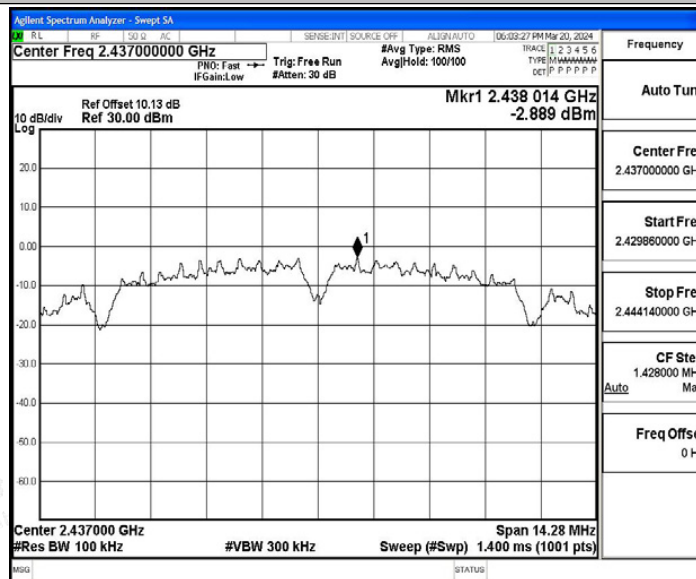


Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462

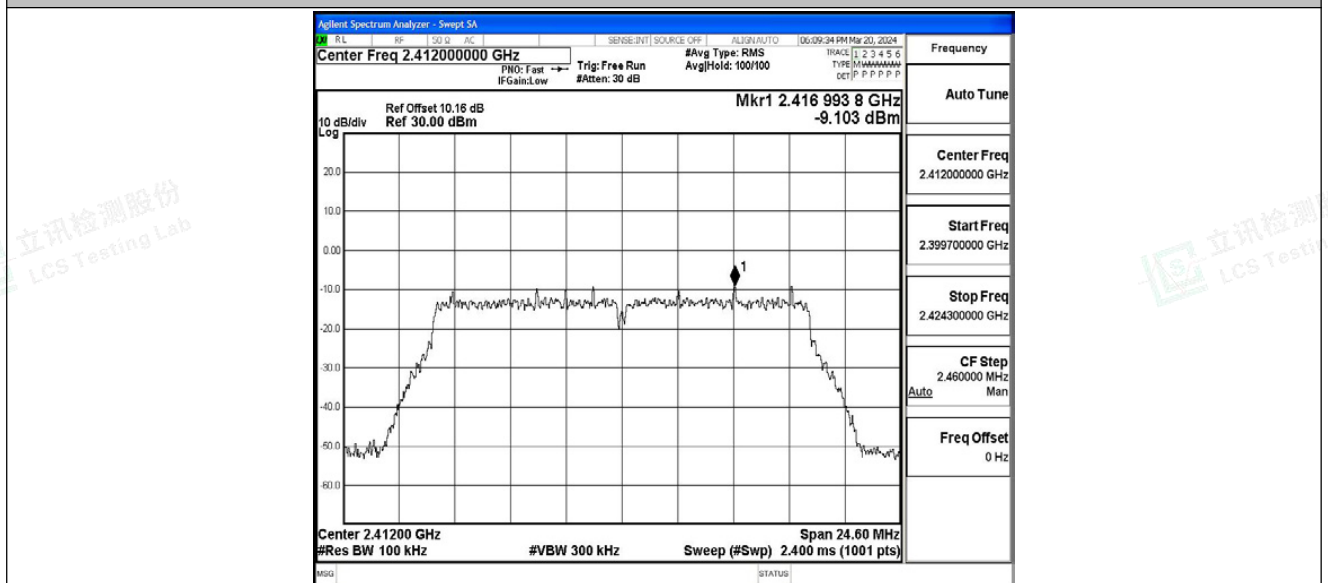
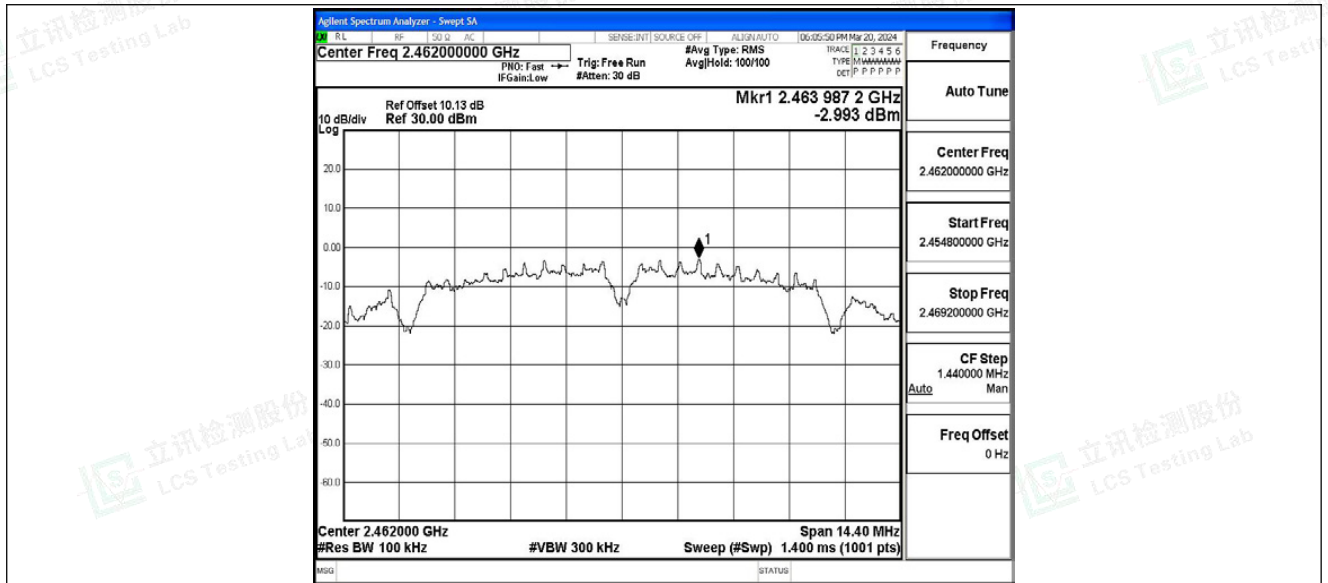


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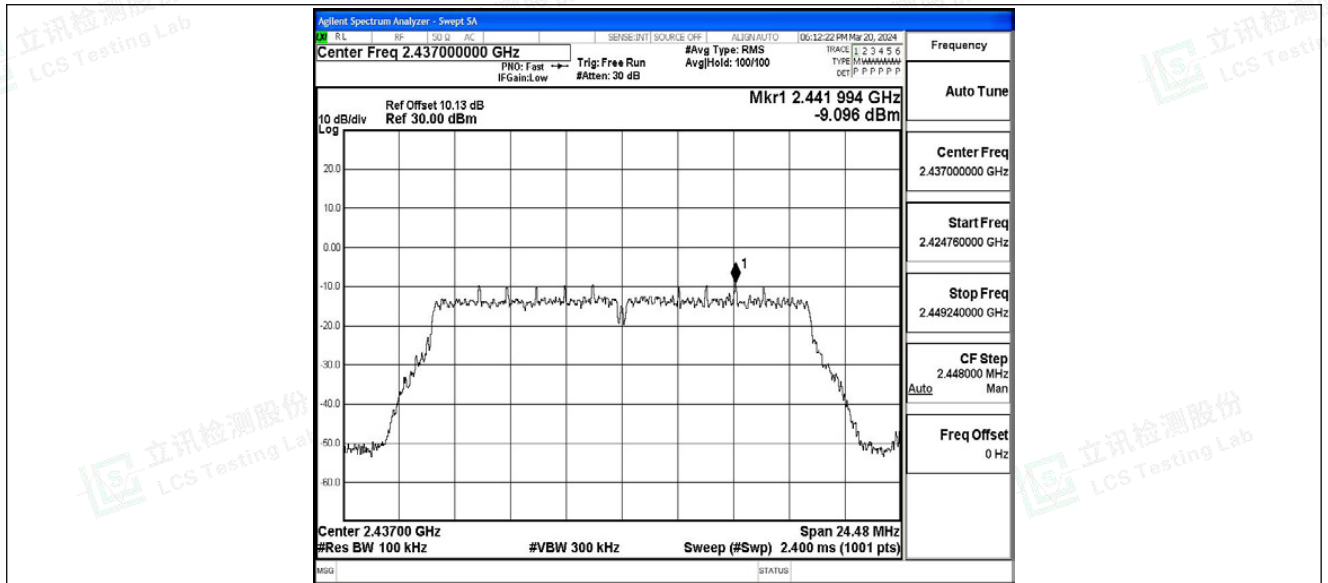


Shenzhen LCS Compliance Testing Laboratory Ltd.

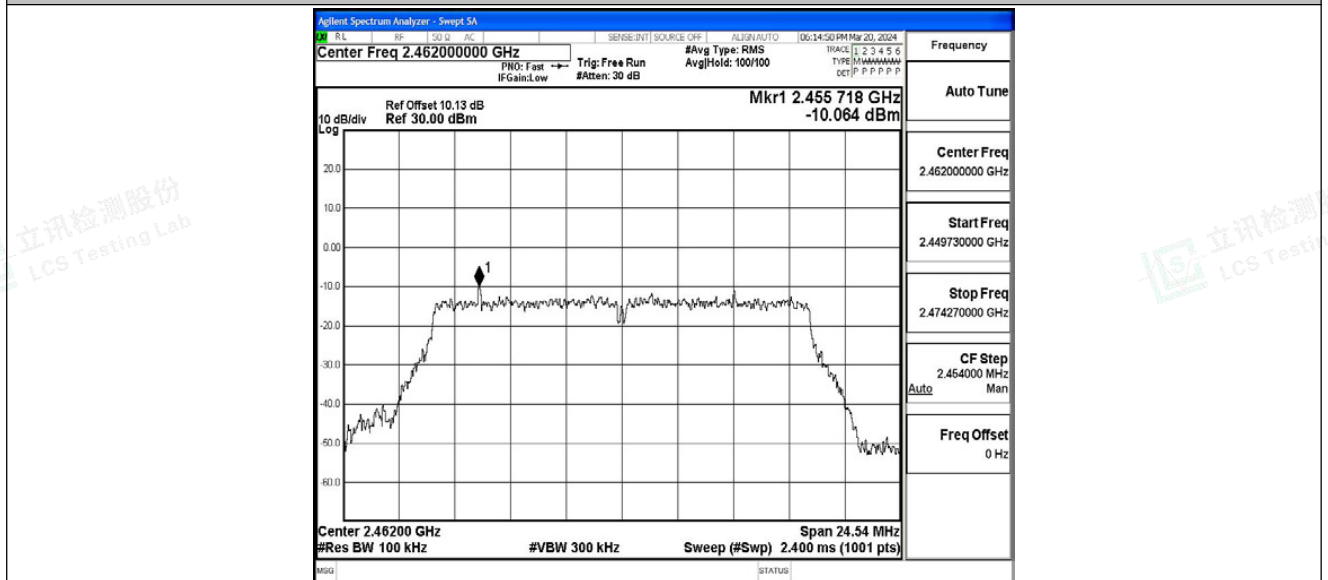
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11G_Ant1_2462



11N20SISO_Ant1_2412

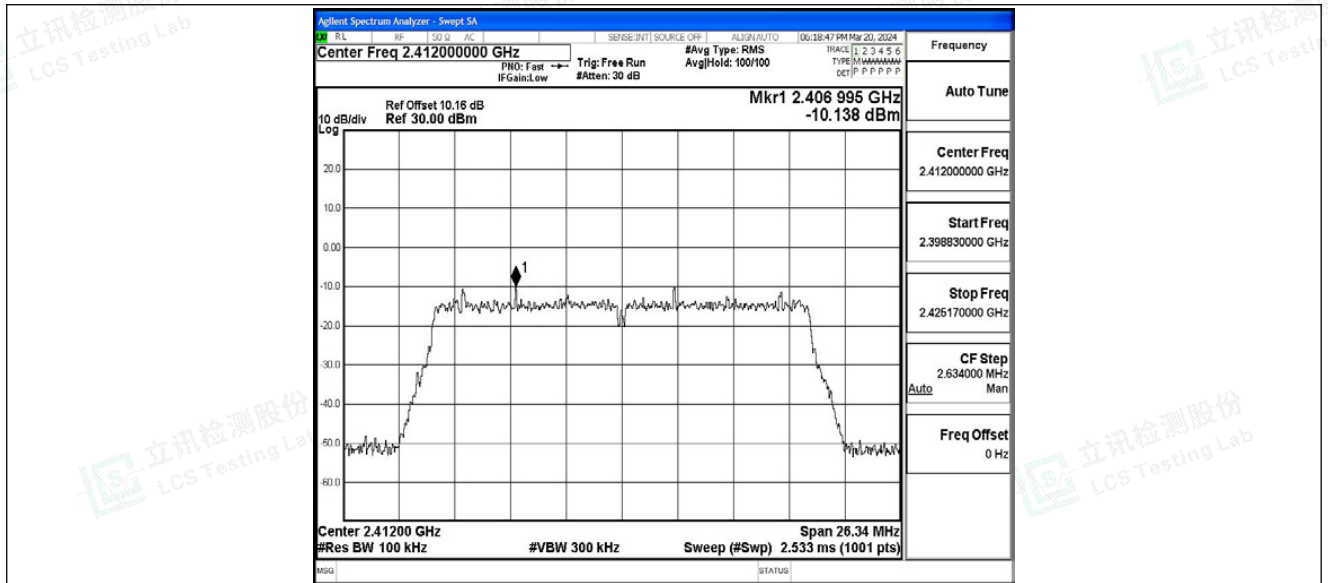


Shenzhen LCS Compliance Testing Laboratory Ltd.

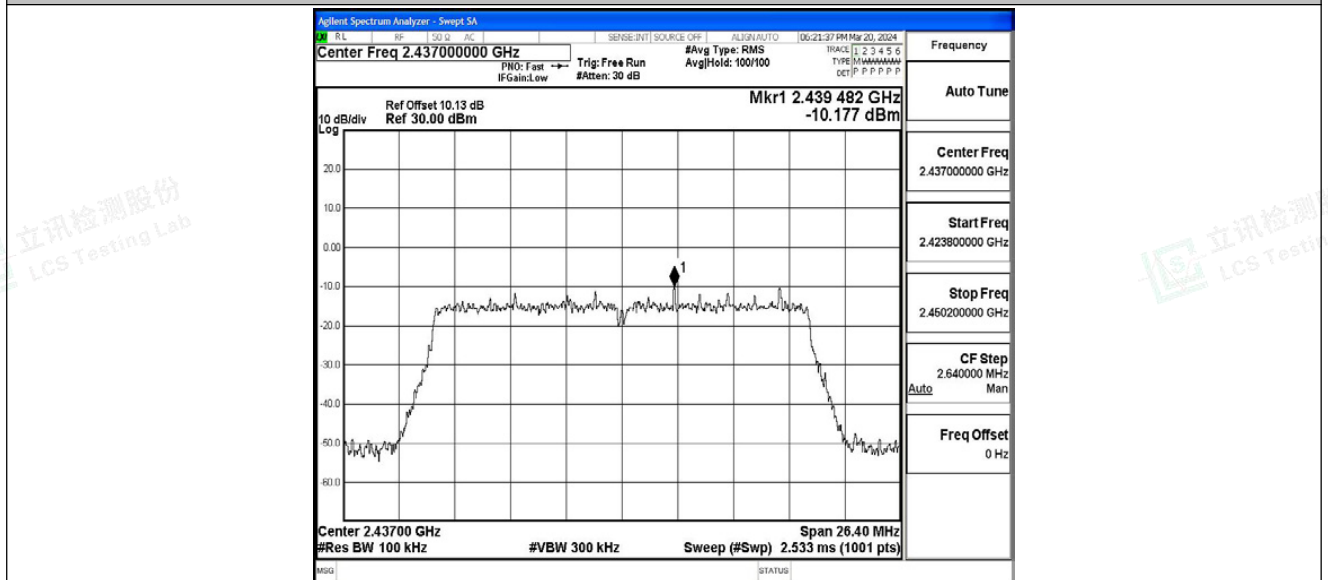
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

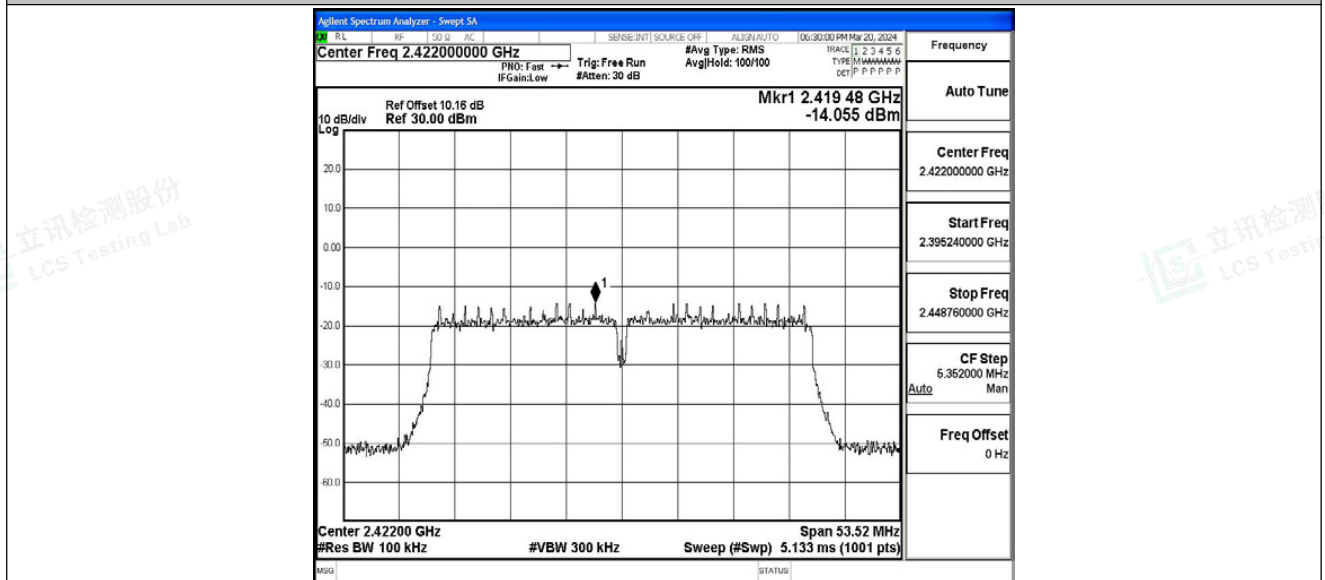
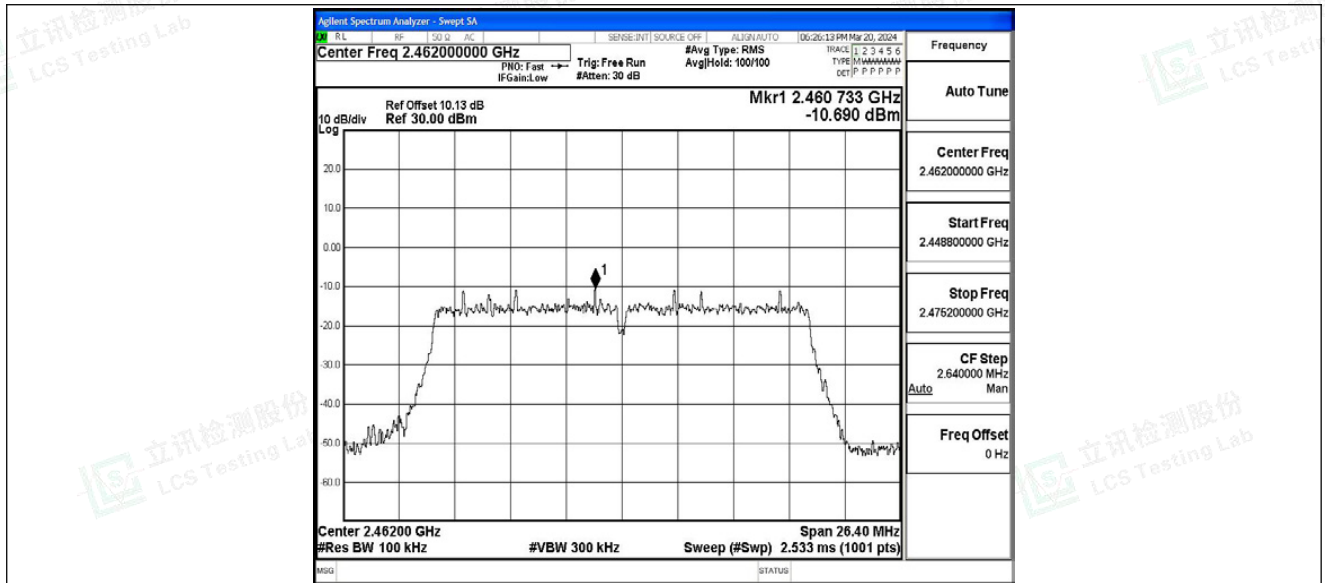


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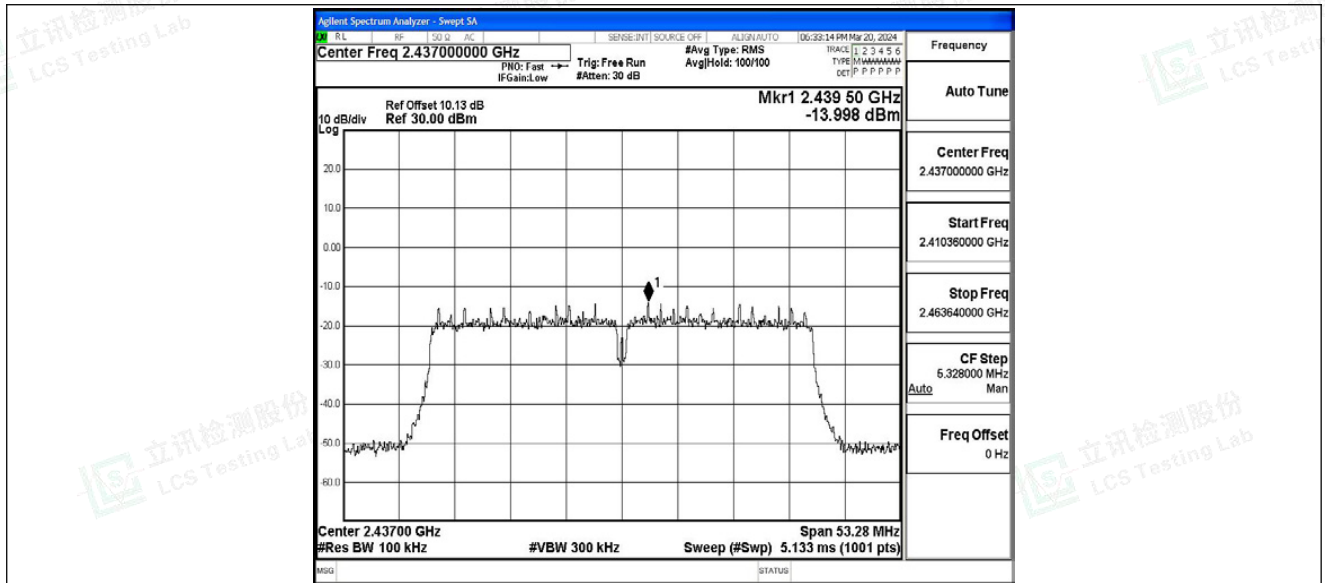


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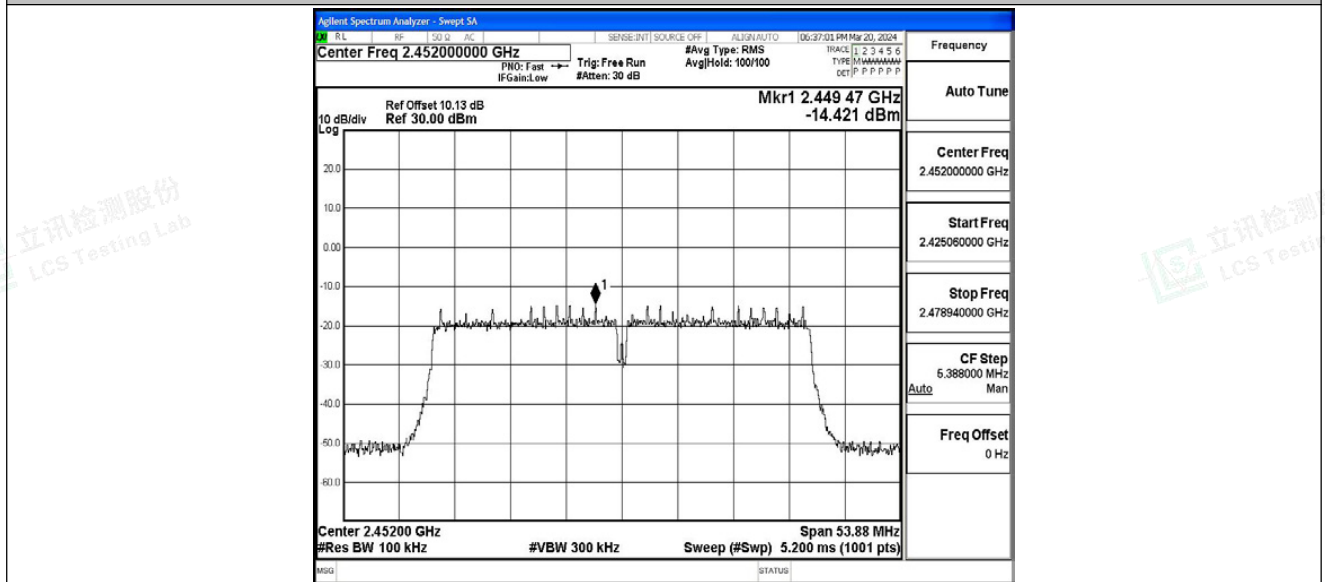
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11N40SISO_Ant1_2452



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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	8.42	99.64	0.02	---
		2437	8.38	8.41	99.64	0.02	---
		2462	8.38	8.41	99.64	0.02	---
11G	Ant1	2412	1.39	1.43	97.20	0.12	---
		2437	1.39	1.42	97.89	0.09	---
		2462	1.39	1.42	97.89	0.09	---
11N20SISO	Ant1	2412	1.30	1.33	97.74	0.10	---
		2437	1.30	1.34	97.01	0.13	---
		2462	1.30	1.34	97.01	0.13	---
11N40SISO	Ant1	2422	0.64	0.68	94.12	0.26	---
		2437	0.65	0.68	95.59	0.20	---
		2452	0.64	0.68	94.12	0.26	---



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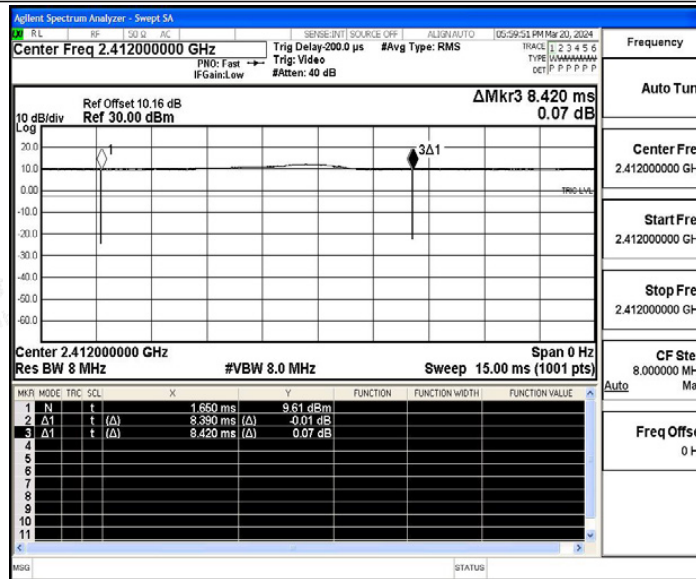
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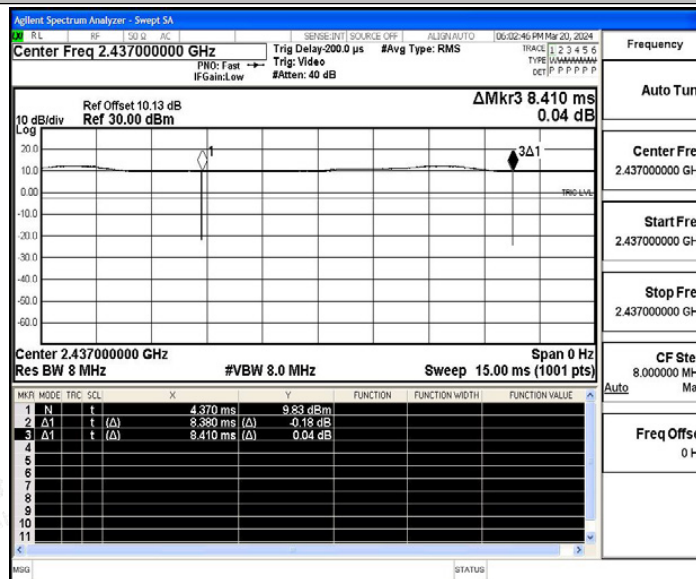


Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462

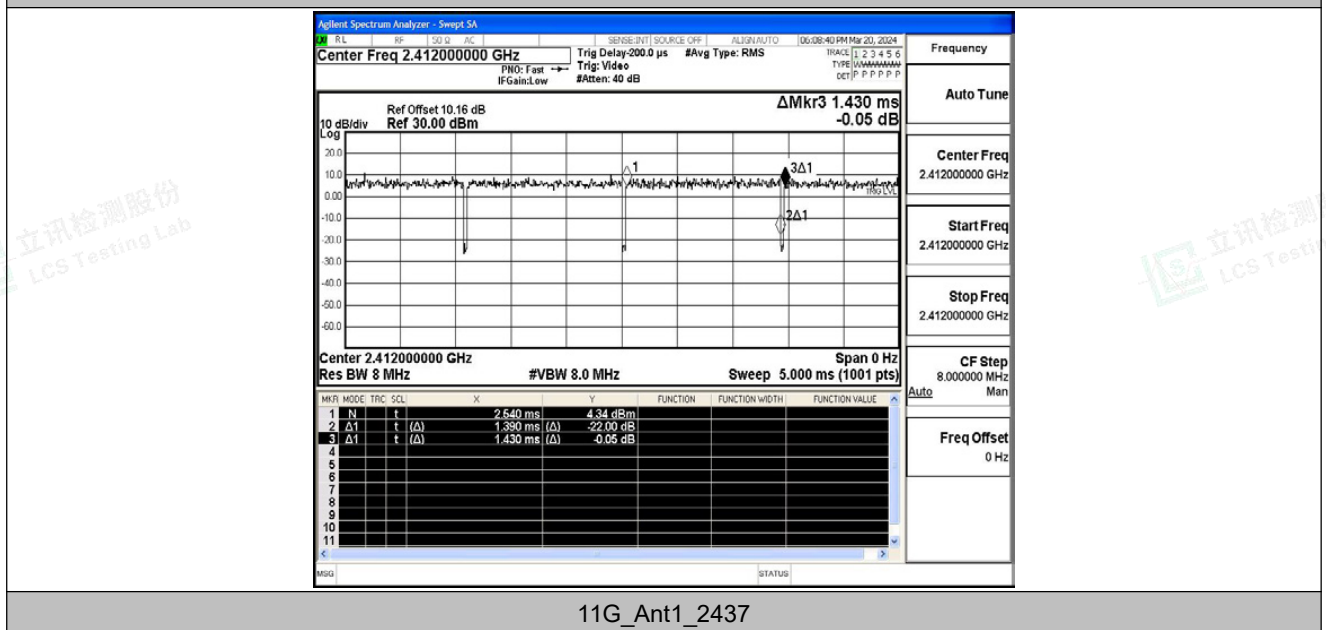
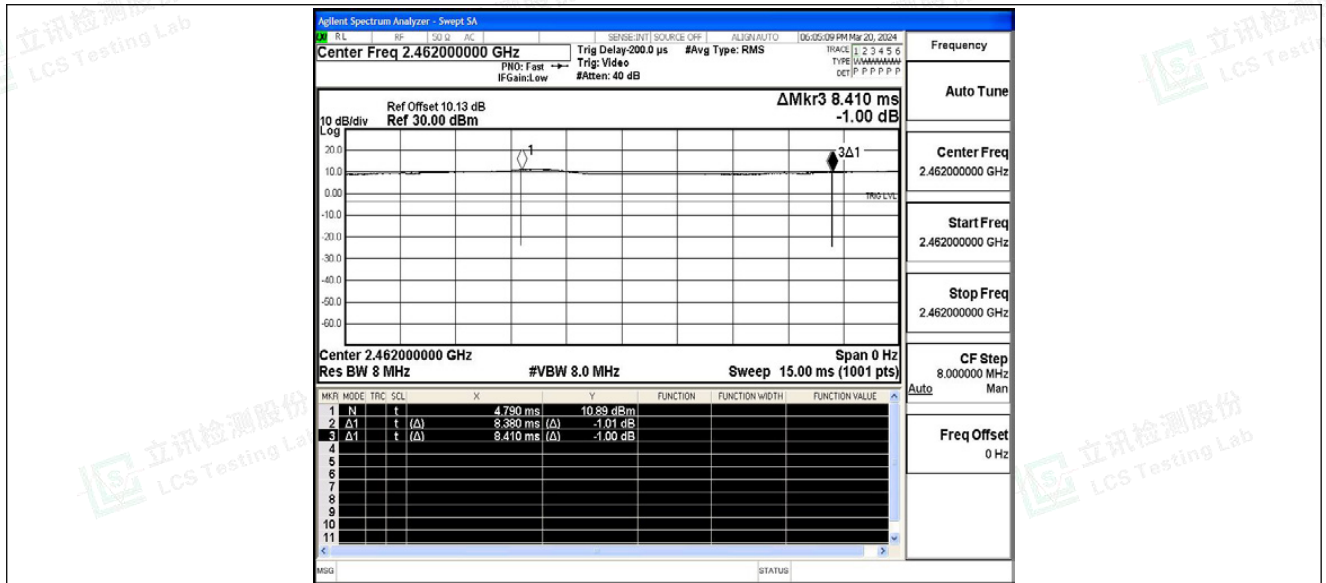


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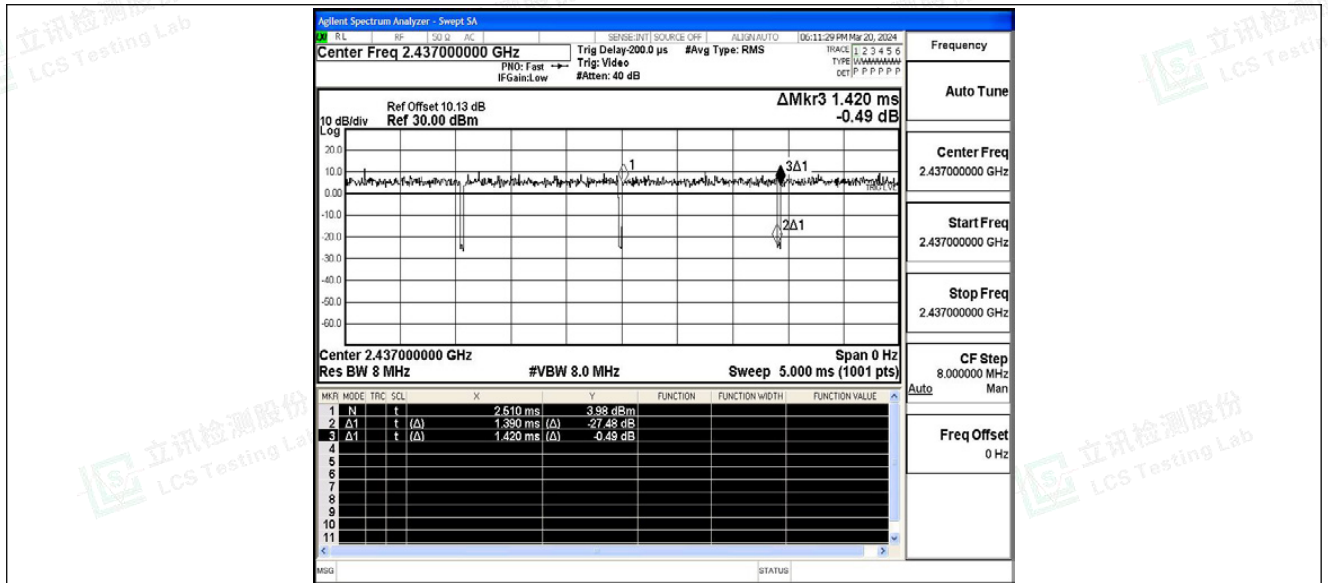


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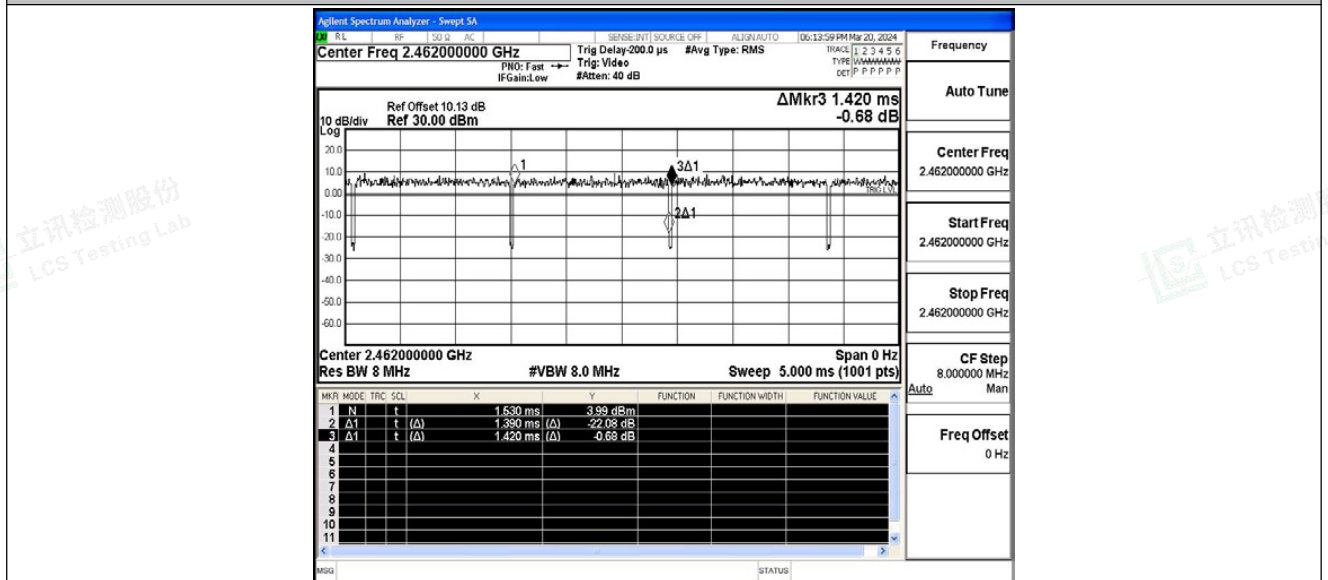
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11G_Ant1_2462



11N20SISO_Ant1_2412

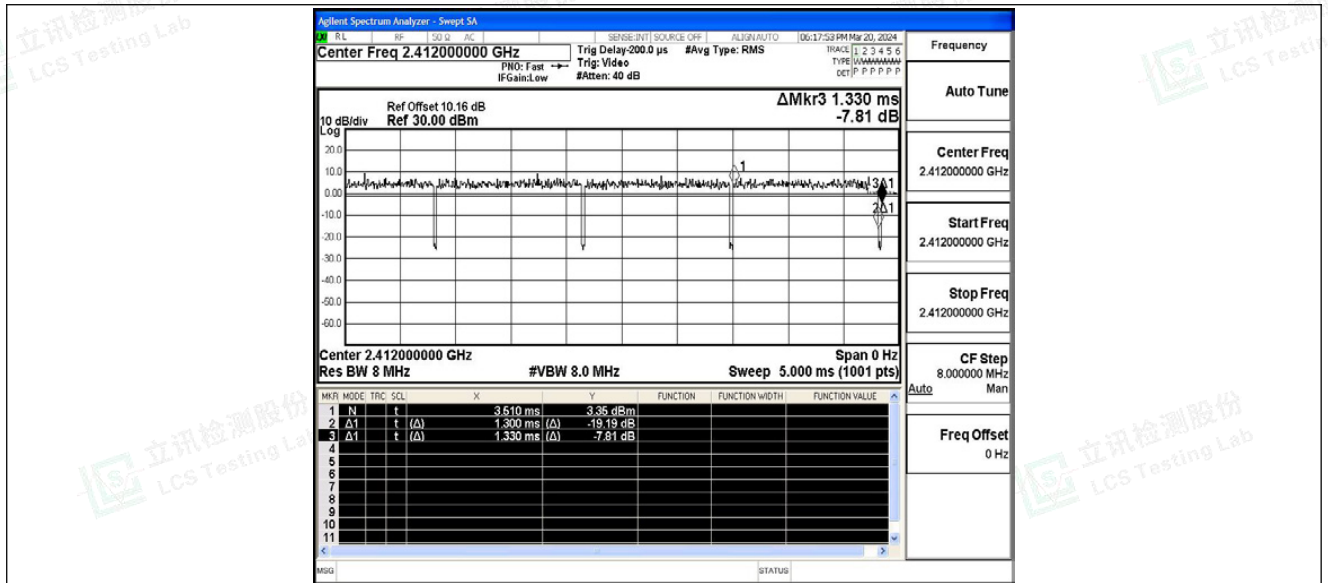


Shenzhen LCS Compliance Testing Laboratory Ltd.

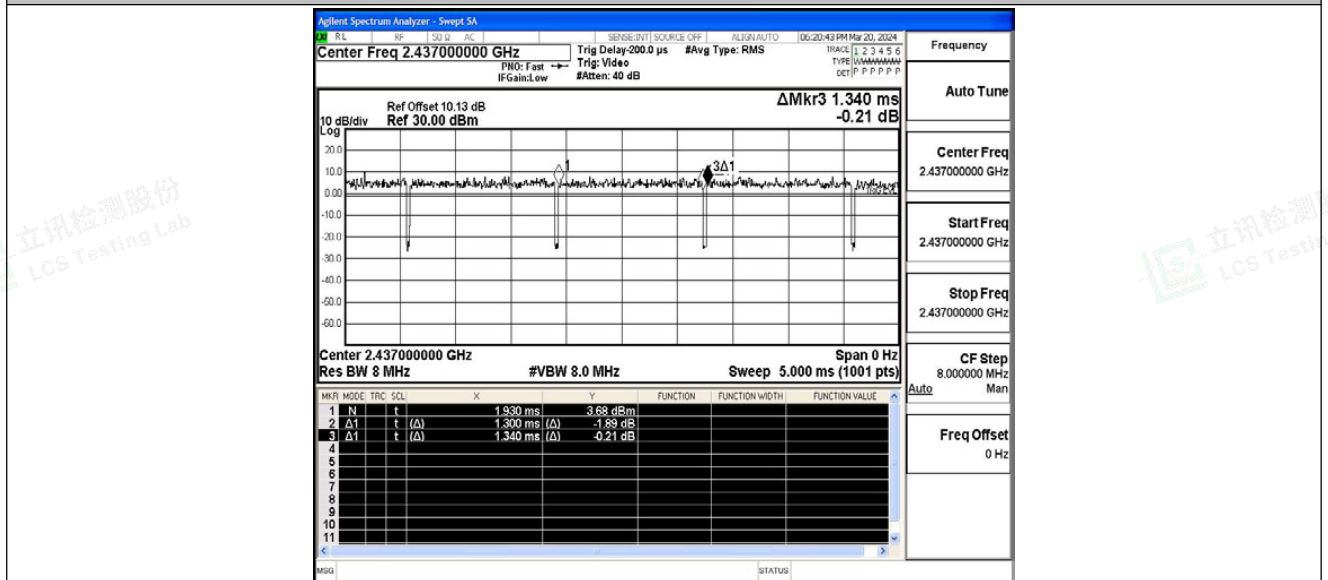
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11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

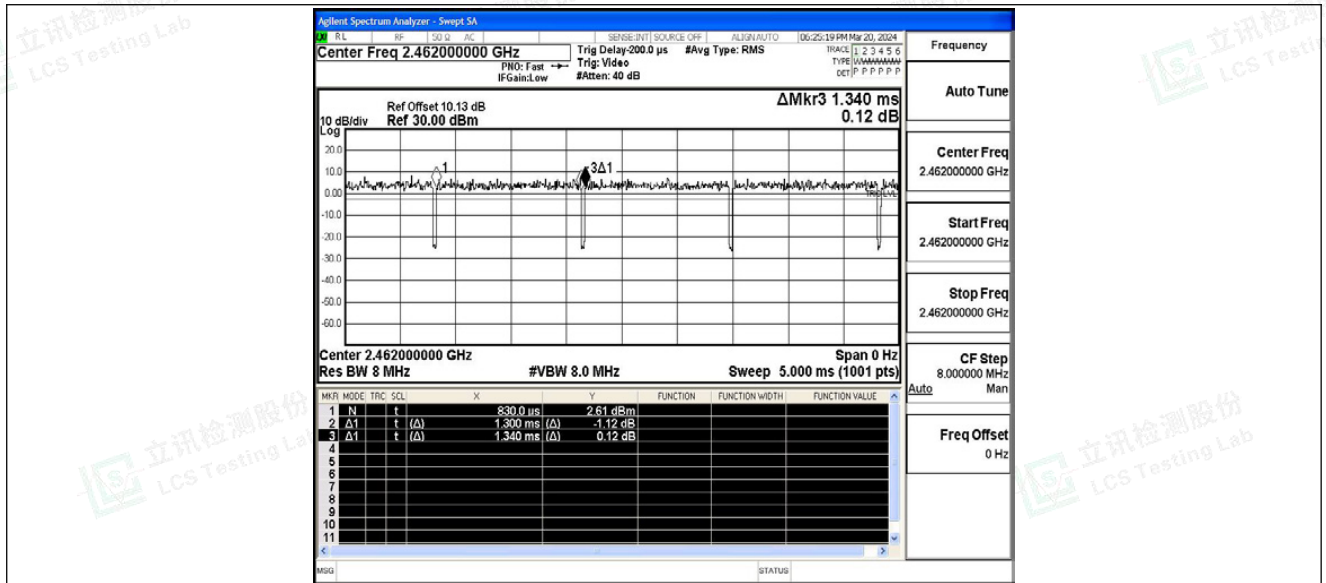


Shenzhen LCS Compliance Testing Laboratory Ltd.

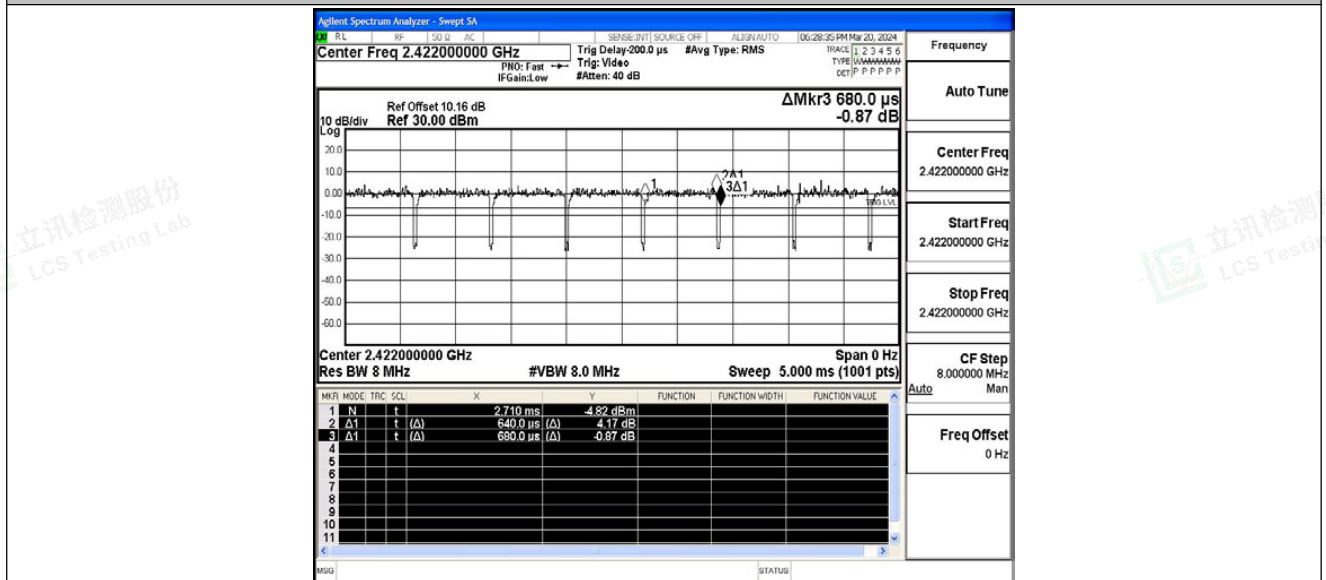
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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11N40SISO_Ant1_2422



11N40SISO_Ant1_2437

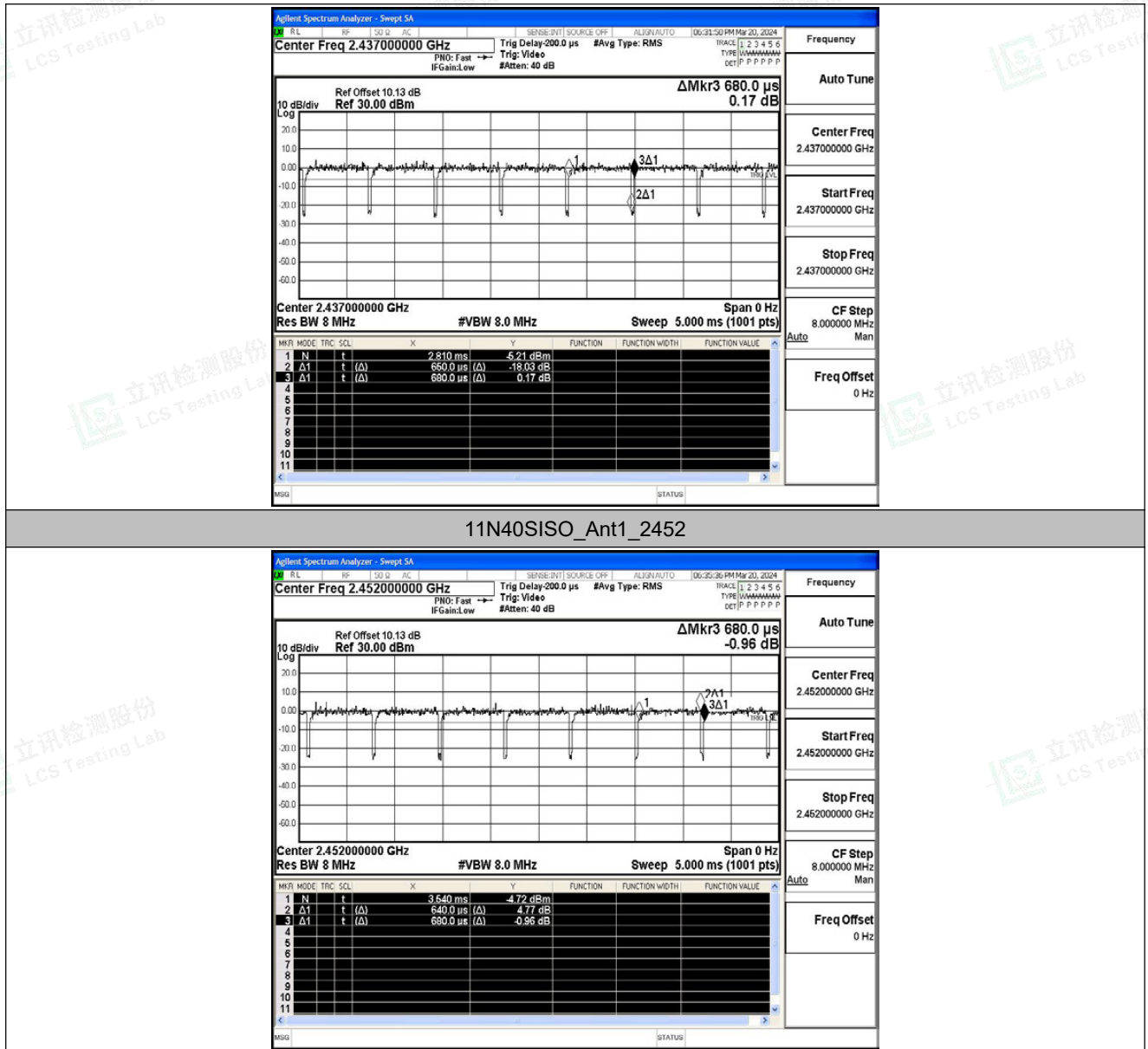


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A.7 Emissions in Restricted Bands

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	-47.34	≤-41.20	47.86	≤54	PASS
				AV	2373.450	-47.03	≤-41.20	48.17	≤54	PASS
				AV	2390.000	-47.67	≤-41.20	47.53	≤54	PASS
				Peak	2310.000	-40.33	≤-21.20	54.87	≤74	PASS
				Peak	2343.160	-35.98	≤-21.20	59.22	≤74	PASS
				Peak	2390.000	-39.43	≤-21.20	55.77	≤74	PASS
		High	2462	AV	2483.500	-47.26	≤-41.20	47.94	≤54	PASS
				AV	2499.620	-46.76	≤-41.20	48.44	≤54	PASS
				AV	2500.000	-47.48	≤-41.20	47.72	≤54	PASS
				Peak	2483.500	-39.05	≤-21.20	56.15	≤74	PASS
				Peak	2492.250	-36.96	≤-21.20	58.24	≤74	PASS
				Peak	2500.000	-39.57	≤-21.20	55.63	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-47.97	≤-41.20	47.23	≤54	PASS
				AV	2388.140	-46.72	≤-41.20	48.48	≤54	PASS
				AV	2390.000	-47.25	≤-41.20	47.95	≤54	PASS
				Peak	2310.000	-39.15	≤-21.20	56.05	≤74	PASS
				Peak	2383.850	-37	≤-21.20	58.20	≤74	PASS
				Peak	2390.000	-38.17	≤-21.20	57.03	≤74	PASS
		High	2462	AV	2483.500	-47.08	≤-41.20	48.12	≤54	PASS
				AV	2483.560	-46.41	≤-41.20	48.79	≤54	PASS
				AV	2500.000	-48.02	≤-41.20	47.18	≤54	PASS
				Peak	2483.500	-39.06	≤-21.20	56.14	≤74	PASS
				Peak	2498.850	-36.88	≤-21.20	58.32	≤74	PASS
				Peak	2500.000	-38.9	≤-21.20	56.30	≤74	PASS
11N20SISO	Ant1	Low	2412	AV	2310.000	-48.12	≤-41.20	47.08	≤54	PASS
				AV	2387.230	-46.65	≤-41.20	48.55	≤54	PASS
				AV	2390.000	-47.51	≤-41.20	47.69	≤54	PASS
				Peak	2310.000	-39.11	≤-21.20	56.09	≤74	PASS
				Peak	2363.700	-36.81	≤-21.20	58.39	≤74	PASS
				Peak	2390.000	-40.02	≤-21.20	55.18	≤74	PASS
		High	2462	AV	2483.500	-47.15	≤-41.20	48.05	≤54	PASS
				AV	2484.550	-46.71	≤-41.20	48.49	≤54	PASS
				AV	2500.000	-47.37	≤-41.20	47.83	≤54	PASS
				Peak	2483.500	-39.4	≤-21.20	55.80	≤74	PASS



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11N40SISO	Ant1	Low	2422	Peak	2490.820	-37.08	≤ -21.20	58.12	≤ 74	PASS
				Peak	2500.000	-39.72	≤ -21.20	55.48	≤ 74	PASS
				AV	2310.000	-47.79	≤ -41.20	47.41	≤ 54	PASS
				AV	2379.560	-46.5	≤ -41.20	48.70	≤ 54	PASS
				AV	2390.000	-47.39	≤ -41.20	47.81	≤ 54	PASS
				Peak	2310.000	-40.39	≤ -21.20	54.81	≤ 74	PASS
		High	2452	Peak	2342.770	-35.75	≤ -21.20	59.45	≤ 74	PASS
				Peak	2390.000	-38.53	≤ -21.20	56.67	≤ 74	PASS
				AV	2483.500	-47.17	≤ -41.20	48.03	≤ 54	PASS
				AV	2498.520	-46.57	≤ -41.20	48.63	≤ 54	PASS
				AV	2500.000	-47.16	≤ -41.20	48.04	≤ 54	PASS
				Peak	2483.500	-39.62	≤ -21.20	55.58	≤ 74	PASS
				Peak	2487.850	-37.03	≤ -21.20	58.17	≤ 74	PASS
				Peak	2500.000	-39.52	≤ -21.20	55.68	≤ 74	PASS

Note:

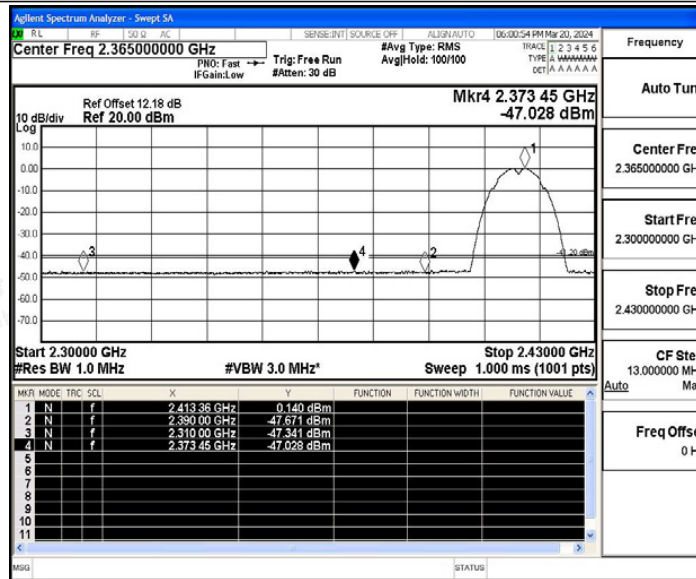
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.



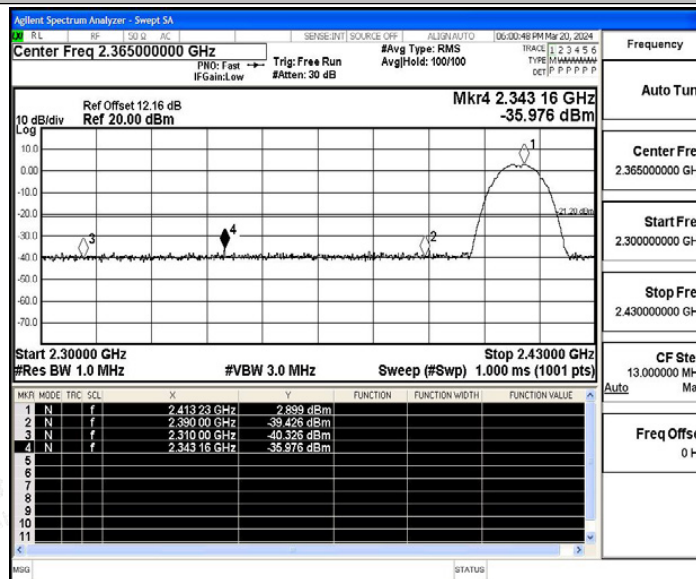


Test Graphs

11B_Ant1_Low_2412_AV



11B_Ant1_Low_2412_Peak



11B_Ant1_High_2462_AV

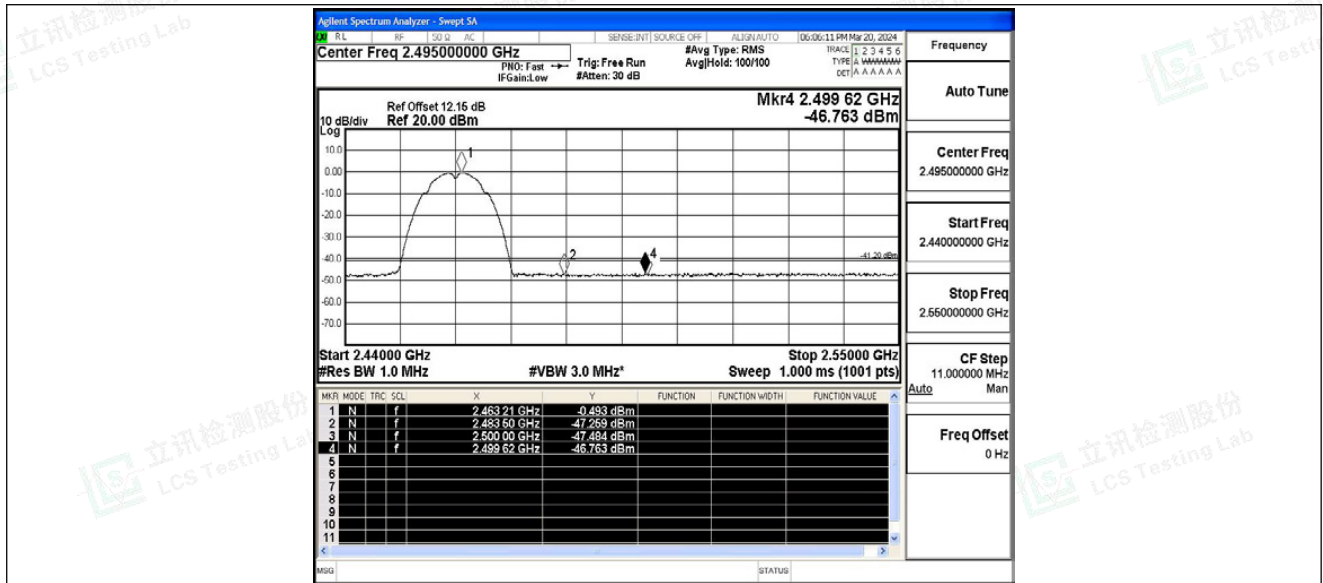


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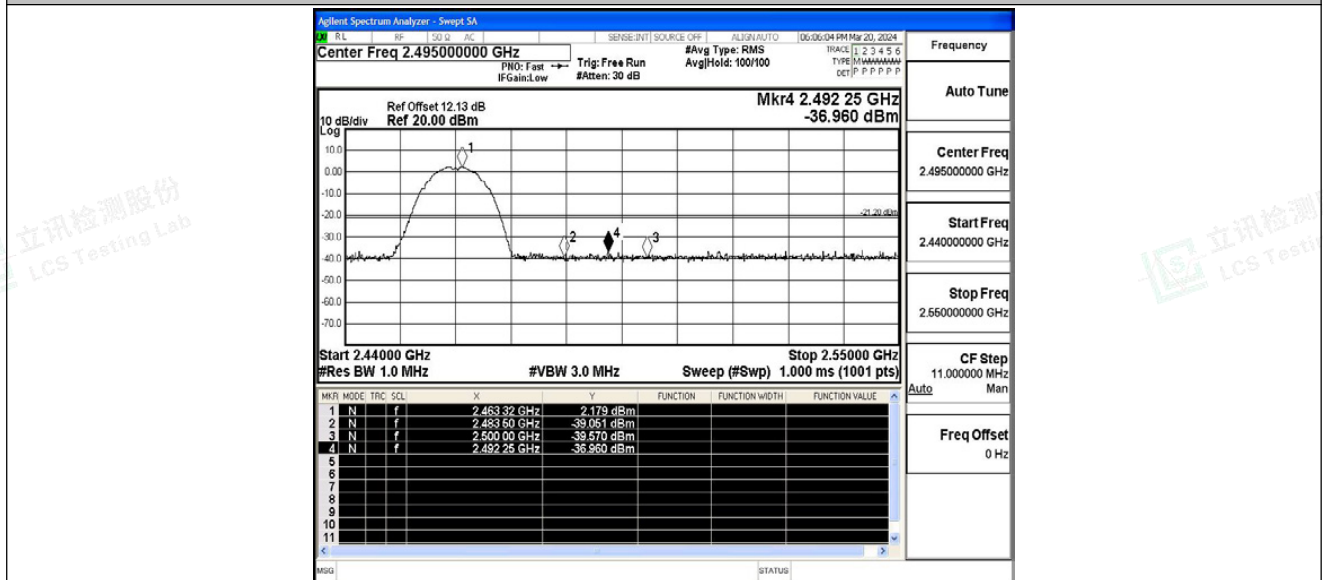
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11B_Ant1_High_2462_Peak



11G_Ant1_Low_2412_AV

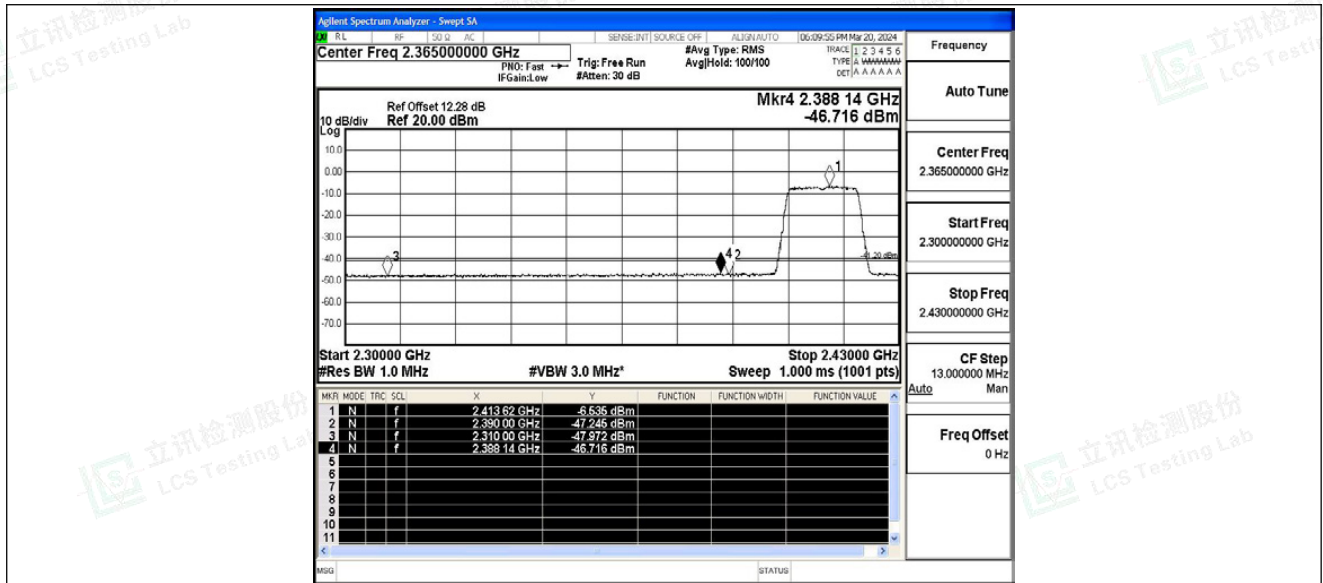


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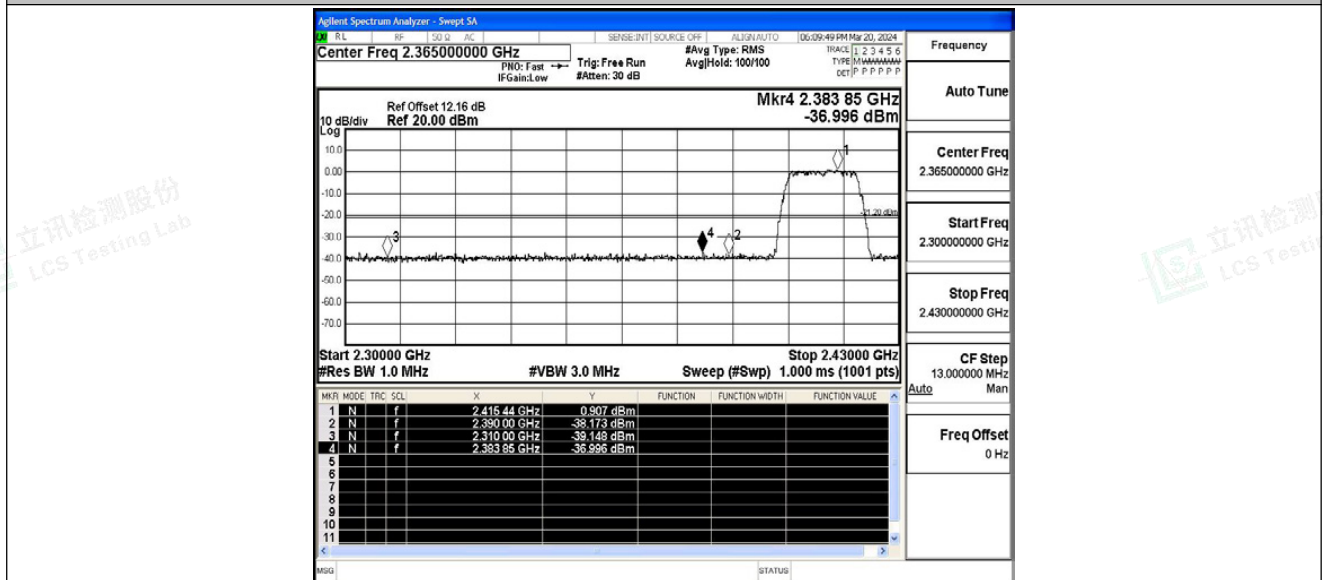
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11G_Ant1_Low_2412_Peak



11G_Ant1_High_2462_AV

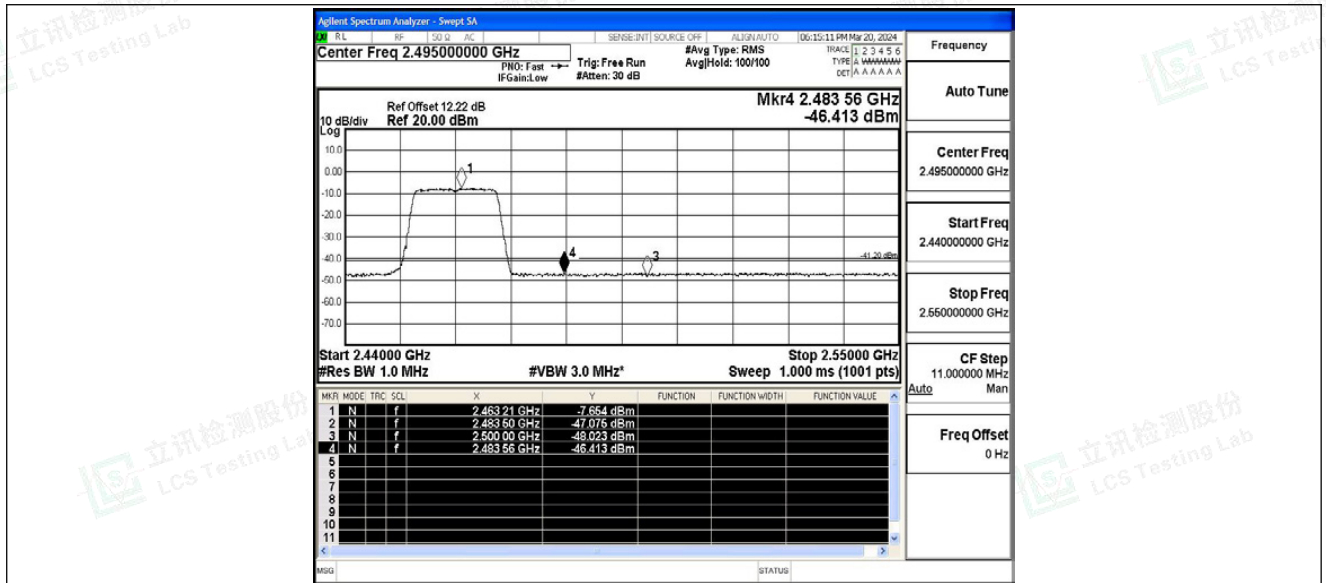


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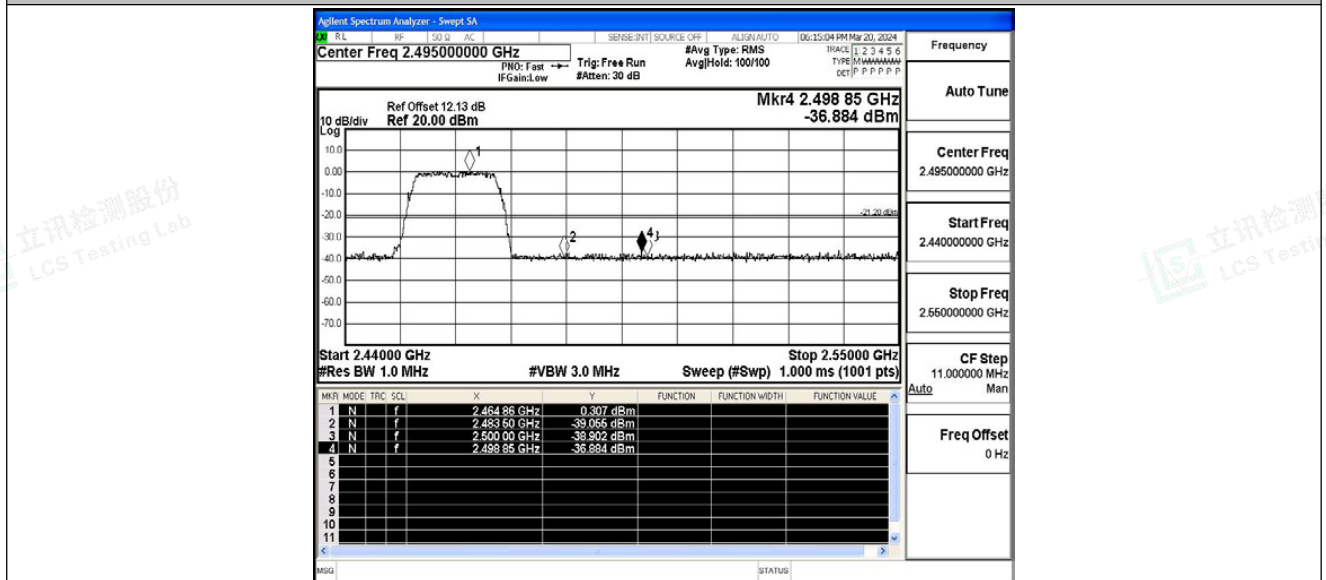
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11G_Ant1_High_2462_Peak



11N20SISO_Ant1_Low_2412_AV

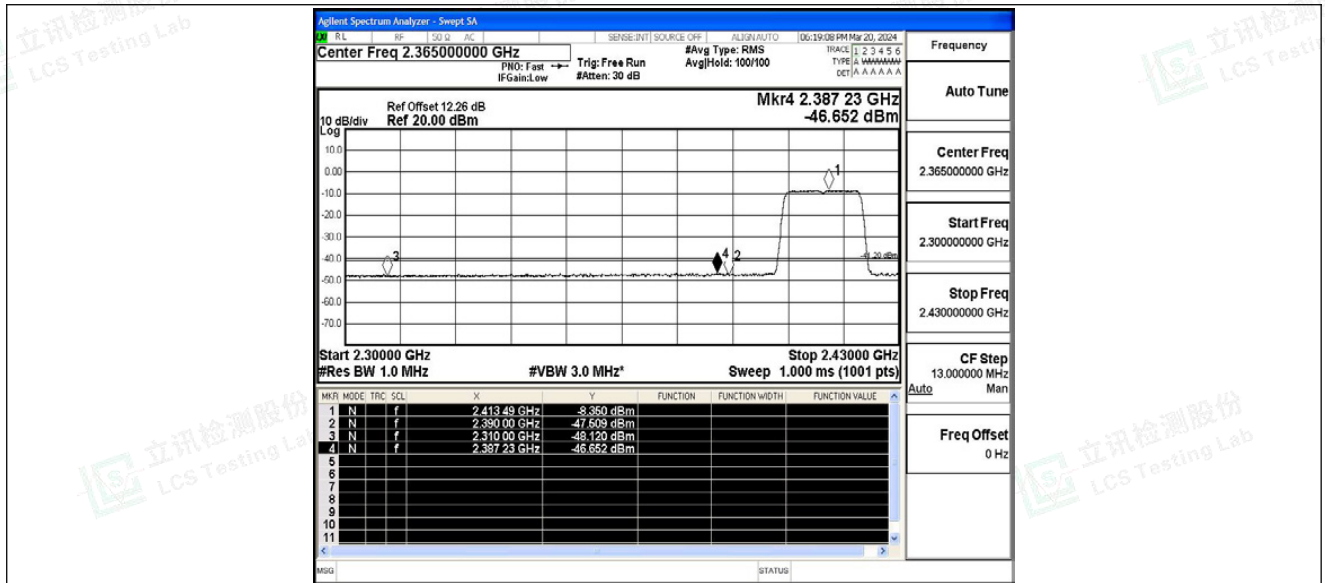


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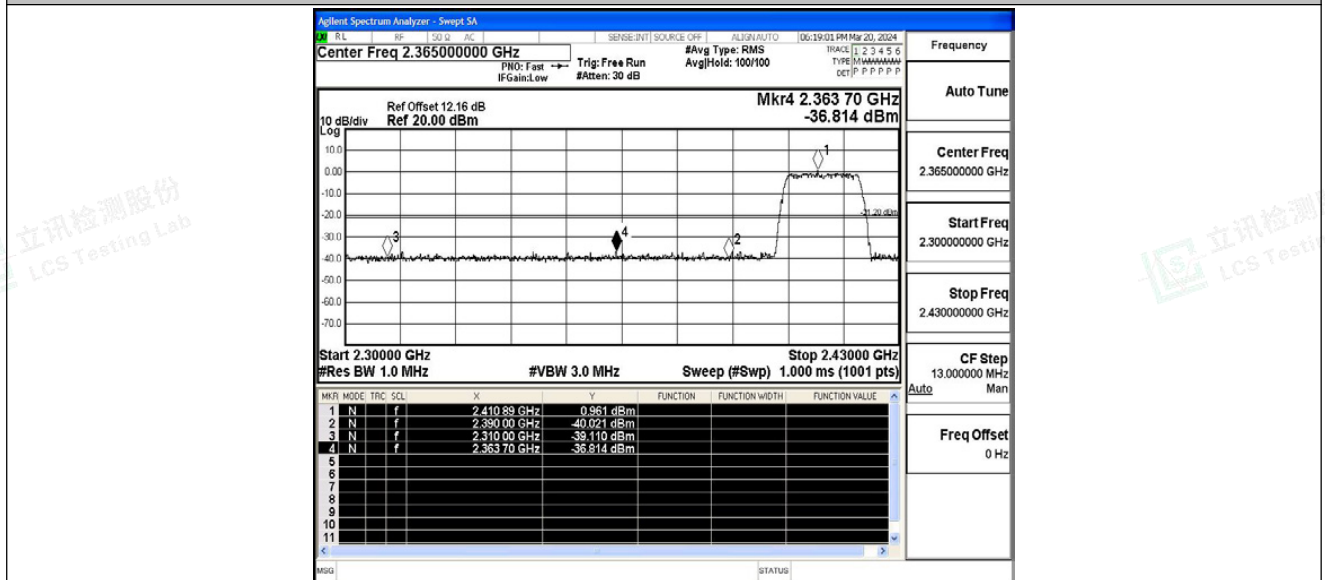
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11N20SISO_Ant1_Low_2412_Peak



11N20SISO_Ant1_High_2462_AV

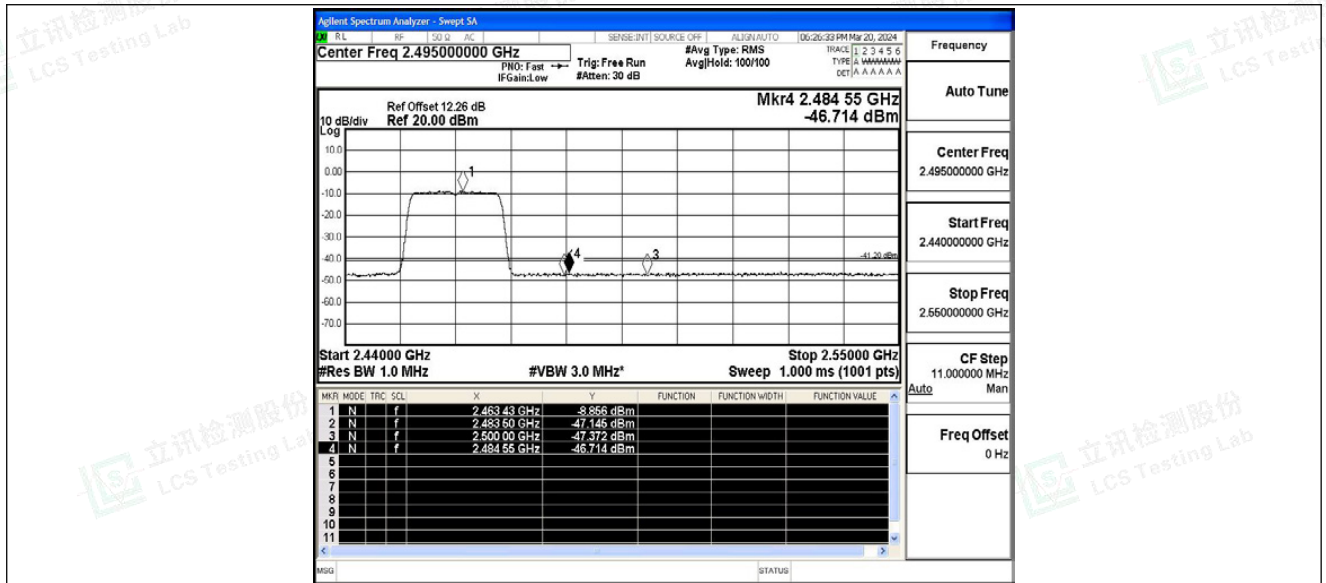


Shenzhen LCS Compliance Testing Laboratory Ltd.

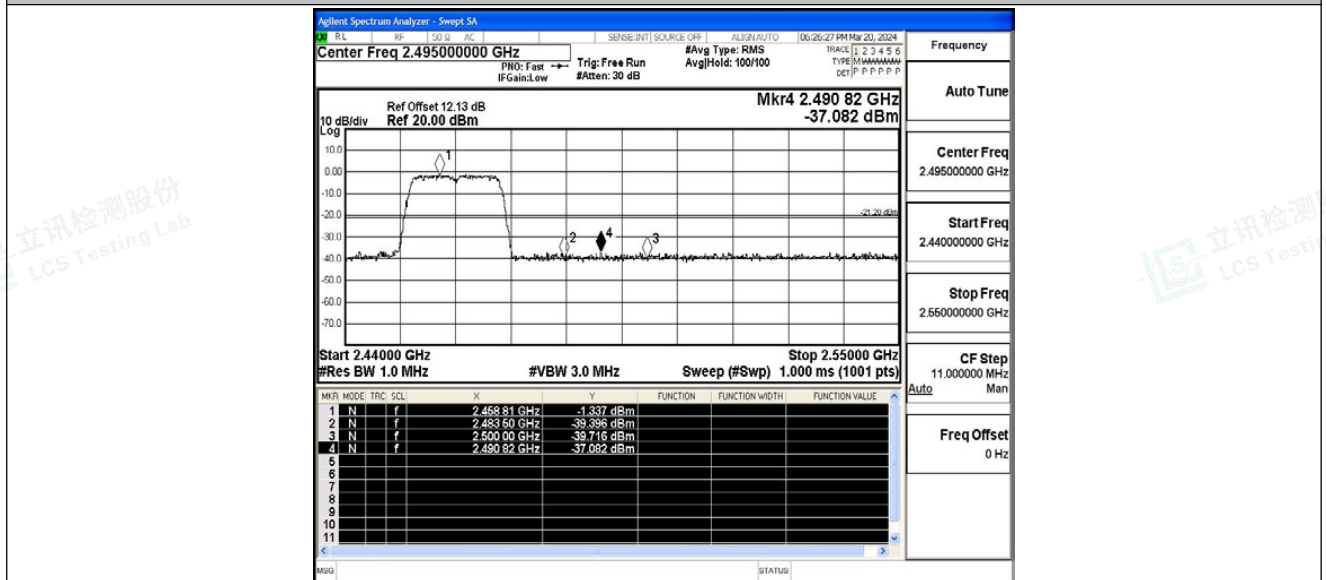
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11N20SISO_Ant1_High_2462_Peak



11N40SISO_Ant1_Low_2422_AV

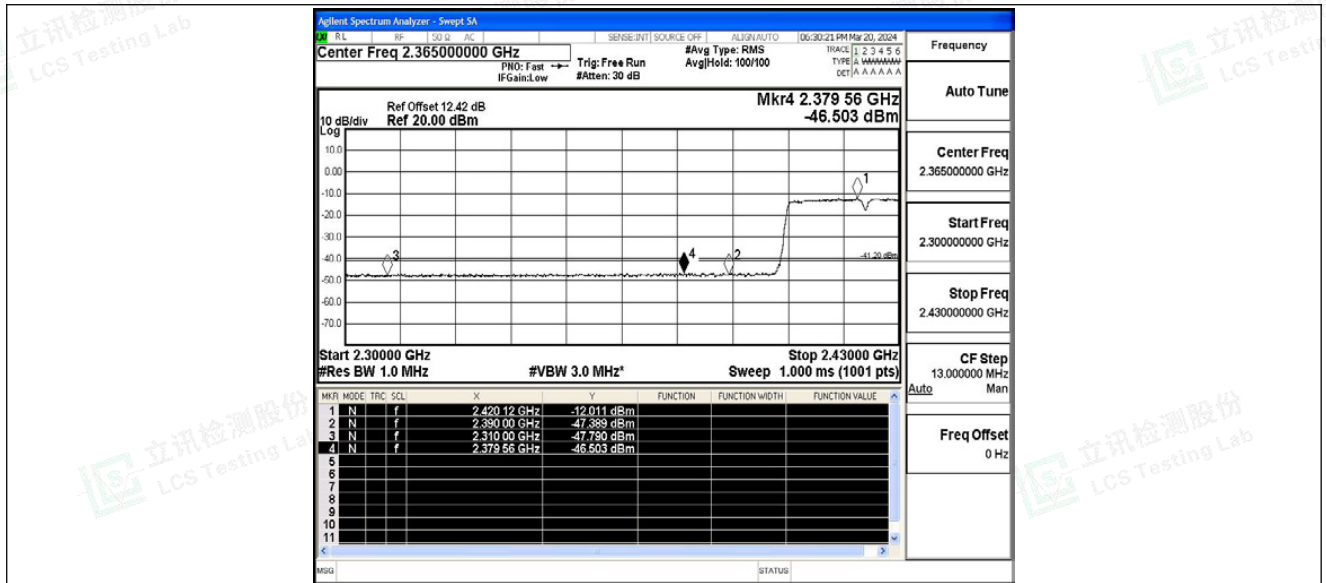


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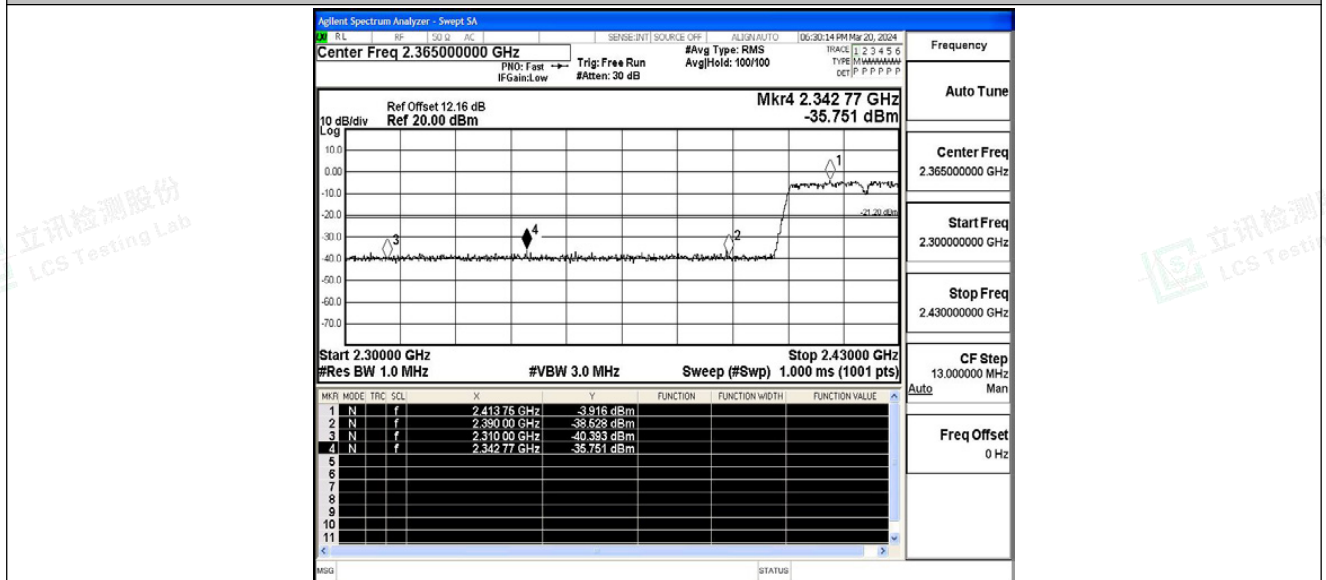
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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11N40SISO_Ant1_Low_2422_Peak



11N40SISO_Ant1_High_2452_AV

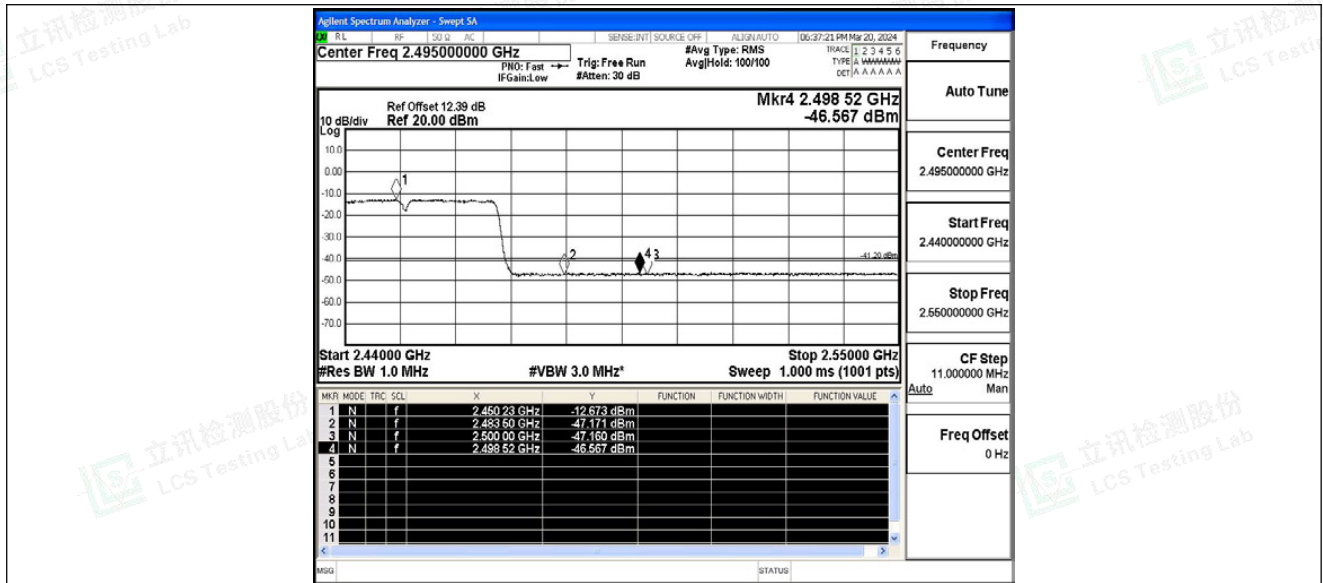


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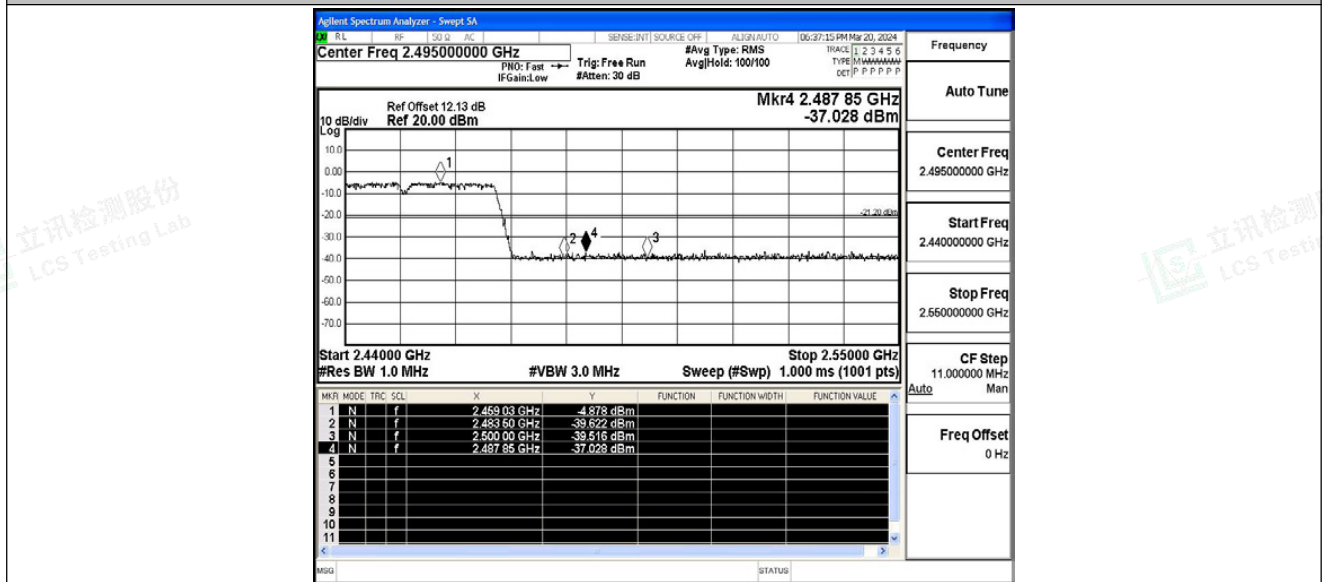
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11N40SISO_Ant1_High_2452_Peak



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