



Appendix C

RF Test Data for 2.4GWIFI (Conducted Measurement)

Product Name: Tablet

Test Model: Puya

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Paddi Chen
Supervised by:	Nick Peng





C.1 DTS Bandwidth

Test Result

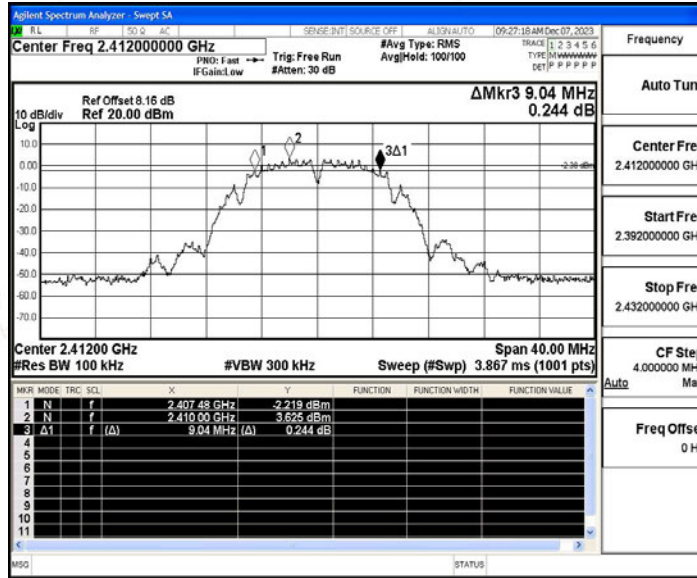
TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.040	2407.480	2416.520	0.5	PASS
		2437	8.560	2432.960	2441.520	0.5	PASS
		2462	8.560	2457.480	2466.040	0.5	PASS
11G	Ant1	2412	15.960	2404.240	2420.200	0.5	PASS
		2437	16.320	2428.840	2445.160	0.5	PASS
		2462	16.320	2453.840	2470.160	0.5	PASS
11N20SISO	Ant1	2412	16.800	2403.960	2420.760	0.5	PASS
		2437	17.040	2428.440	2445.480	0.5	PASS
		2462	16.960	2453.640	2470.600	0.5	PASS
11N40SISO	Ant1	2422	35.680	2404.400	2440.080	0.5	PASS
		2437	35.280	2419.320	2454.600	0.5	PASS
		2452	35.680	2434.560	2470.240	0.5	PASS



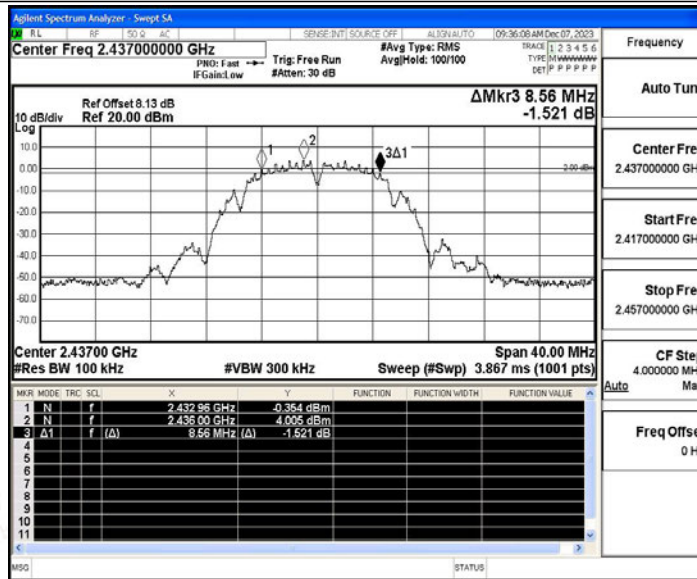


Test Graphs

11B_Ant1_2412

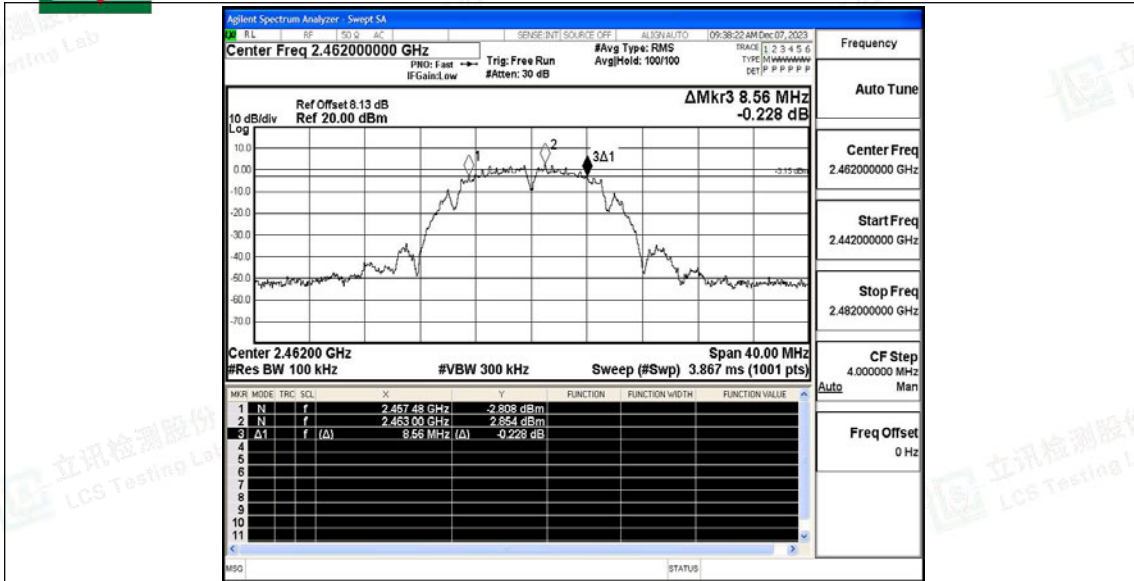


11B_Ant1_2437

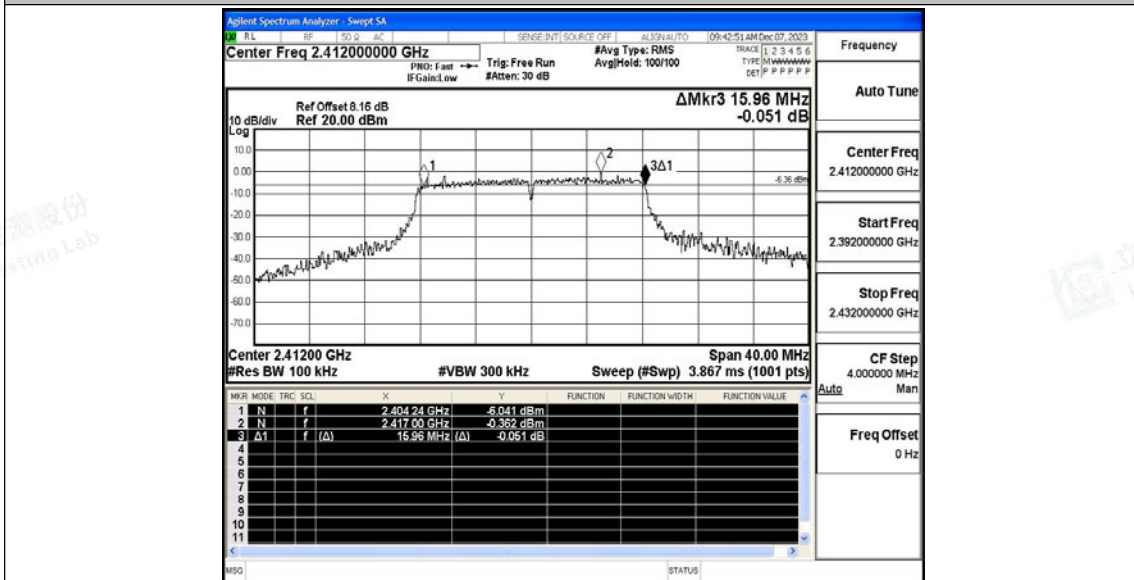


11B_Ant1_2462



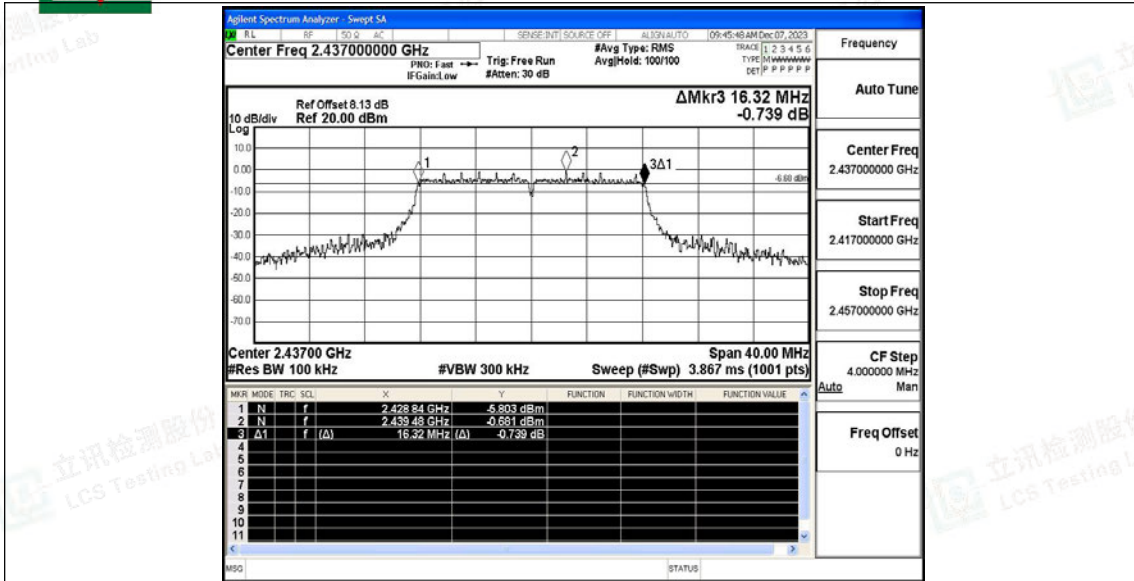


11G_Ant1_2412

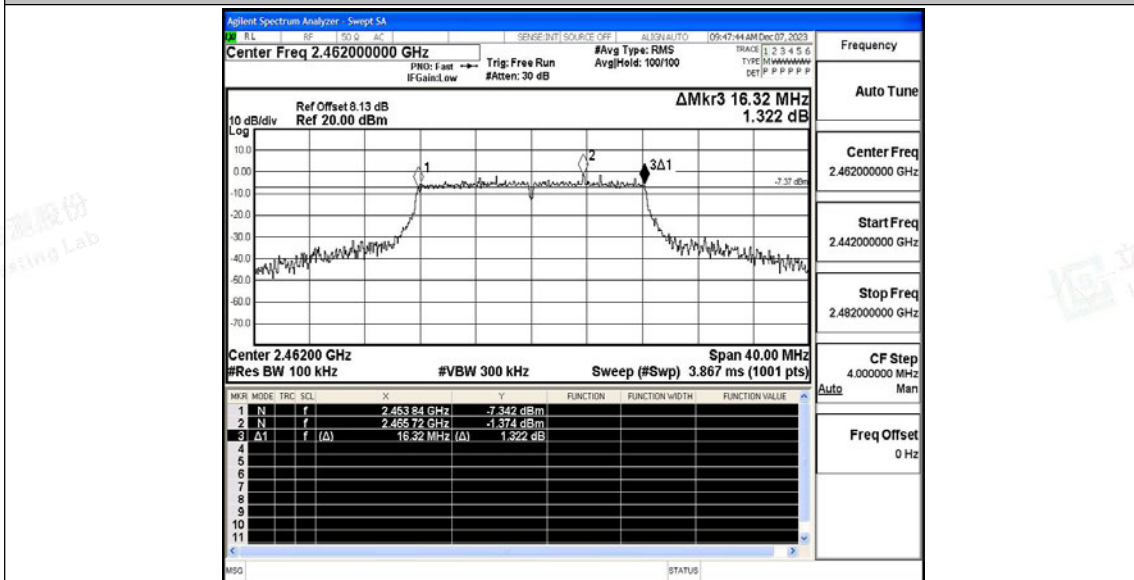


11G_Ant1_2437



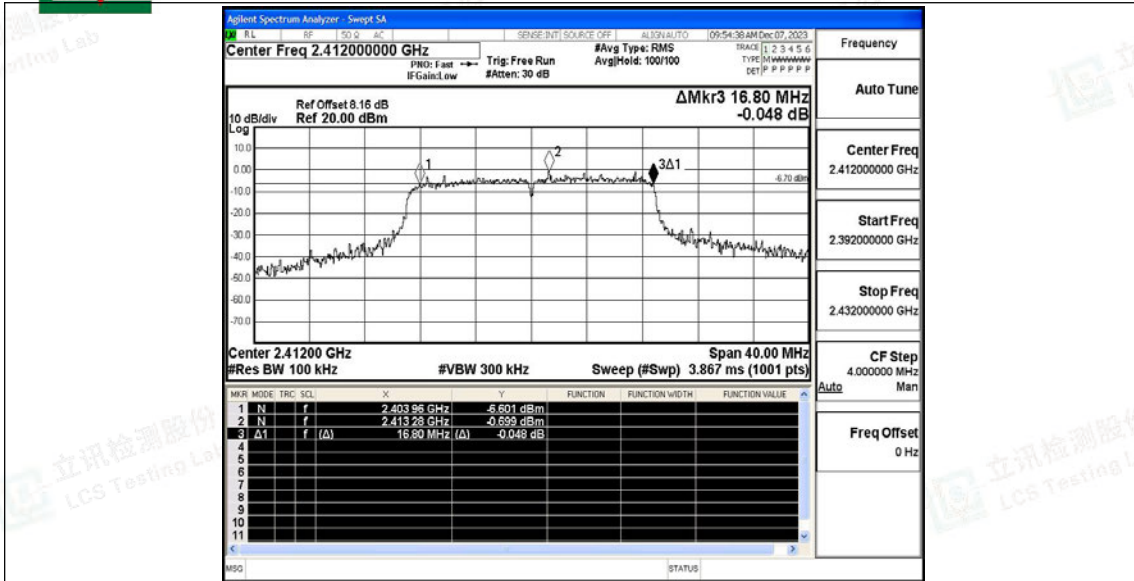


11G_Ant1_2462

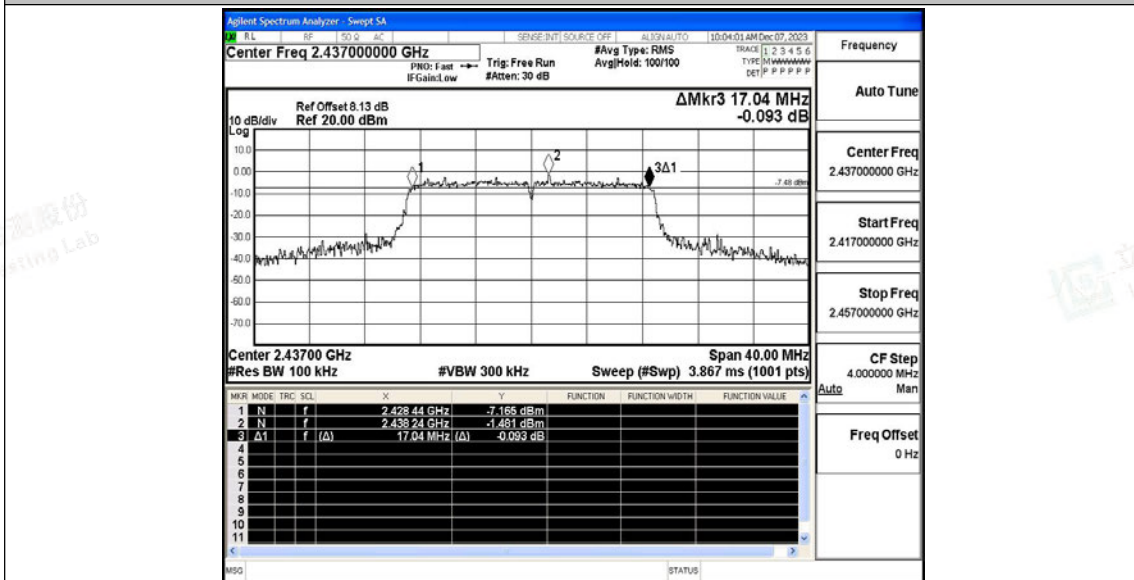


11N20SISO_Ant1_2412



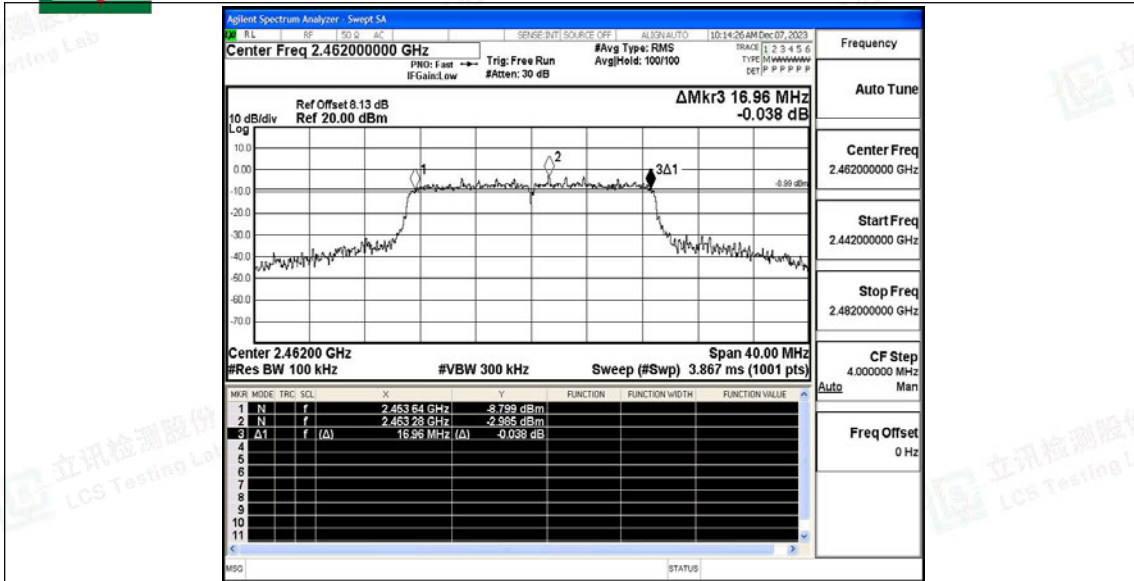


11N20SISO_Ant1_2437

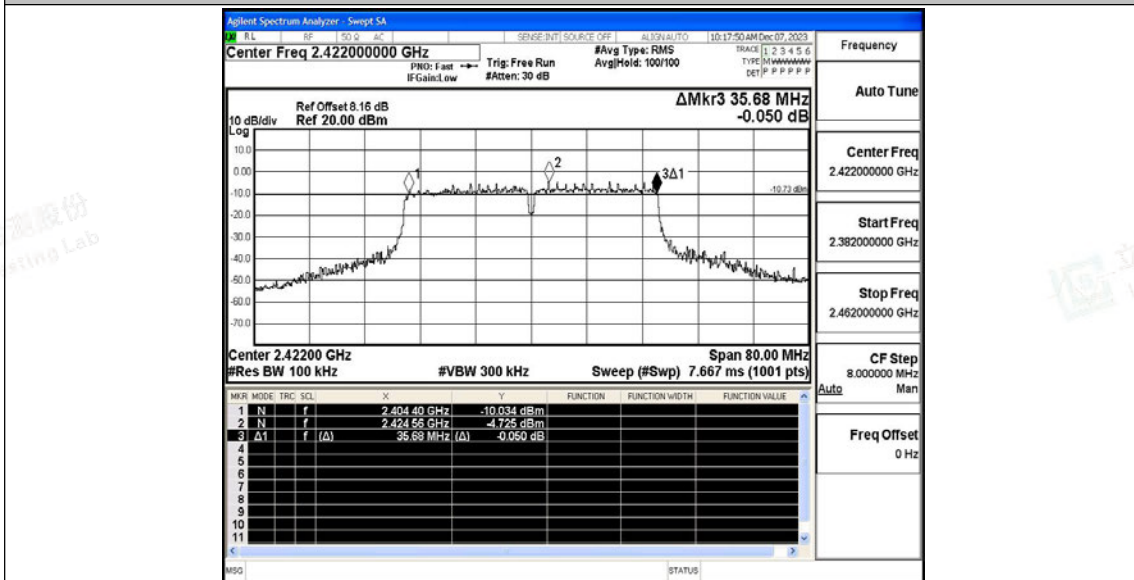


11N20SISO_Ant1_2462



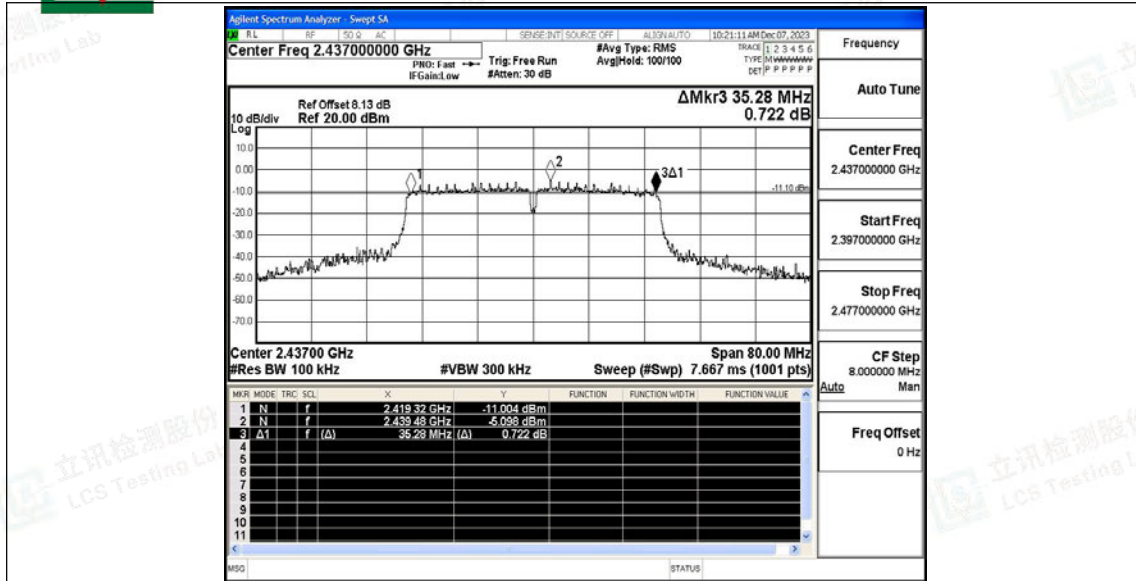


11N40SISO_Ant1_2422

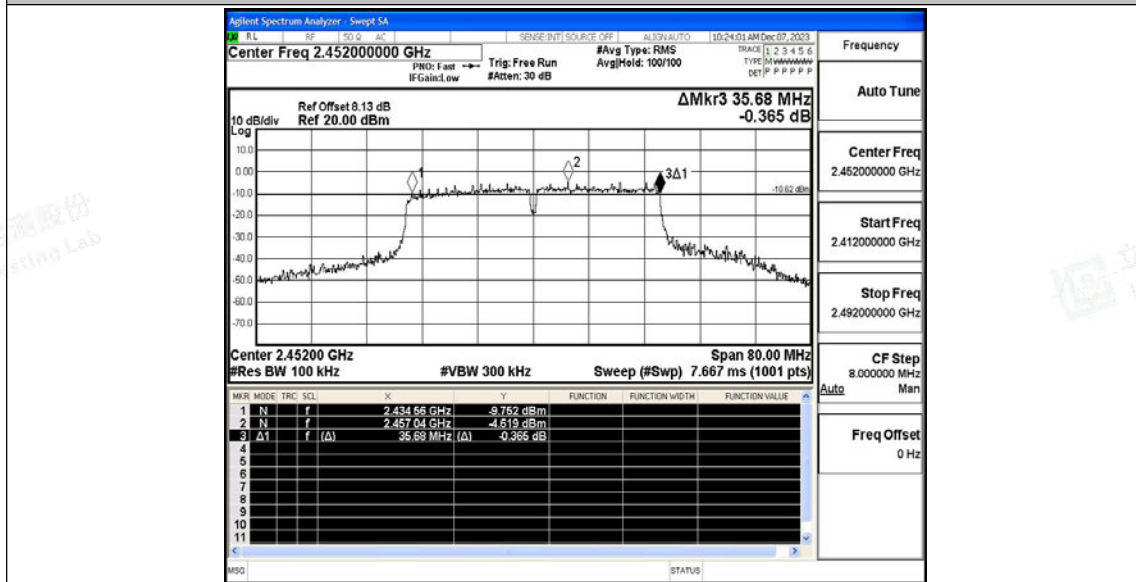


11N40SISO_Ant1_2437





11N40SISO_Ant1_2452





C.2 Maximum conducted output power

Test Result Peak

TestMode	Antenna	Freq(MHz)	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	15.61	≤30.00	PASS
		2437	15.45	≤30.00	PASS
		2462	14.42	≤30.00	PASS
11G	Ant1	2412	15.39	≤30.00	PASS
		2437	14.91	≤30.00	PASS
		2462	14.27	≤30.00	PASS
11N20SISO	Ant1	2412	15.81	≤30.00	PASS
		2437	15.40	≤30.00	PASS
		2462	14.71	≤30.00	PASS
11N40SISO	Ant1	2422	16.12	≤30.00	PASS
		2437	15.14	≤30.00	PASS
		2452	15.98	≤30.00	PASS



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Scan code to check authenticity



C.3 Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-9.74	≤8.00	PASS
		2437	-6.77	≤8.00	PASS
		2462	-9.72	≤8.00	PASS
11G	Ant1	2412	-15.84	≤8.00	PASS
		2437	-17.15	≤8.00	PASS
		2462	-17.96	≤8.00	PASS
11N20SISO	Ant1	2412	-15.15	≤8.00	PASS
		2437	-16.55	≤8.00	PASS
		2462	-17.12	≤8.00	PASS
11N40SISO	Ant1	2422	-19.1	≤8.00	PASS
		2437	-19.61	≤8.00	PASS
		2452	-19.77	≤8.00	PASS



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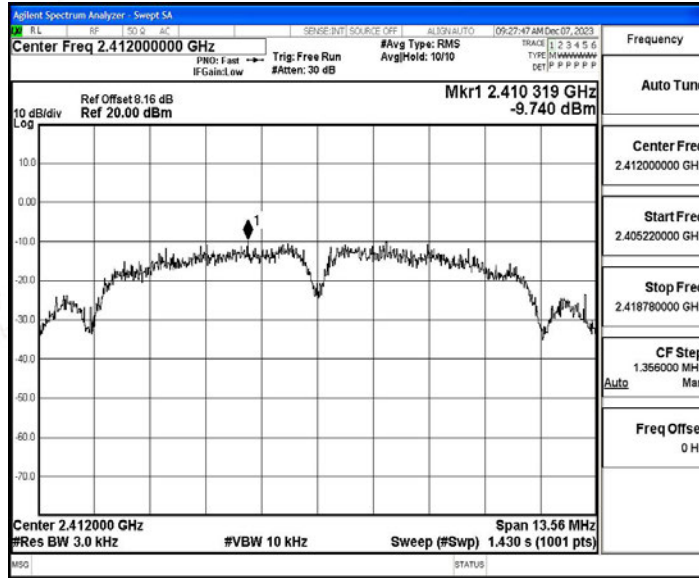
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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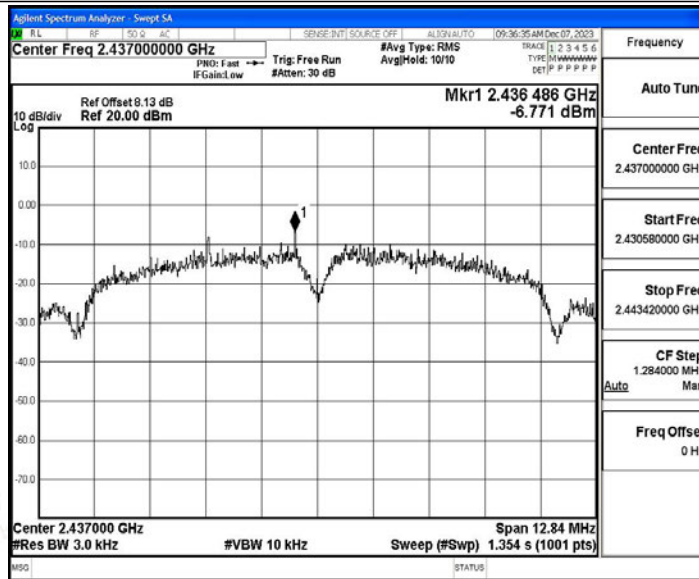


Test Graphs

11B_Ant1_2412

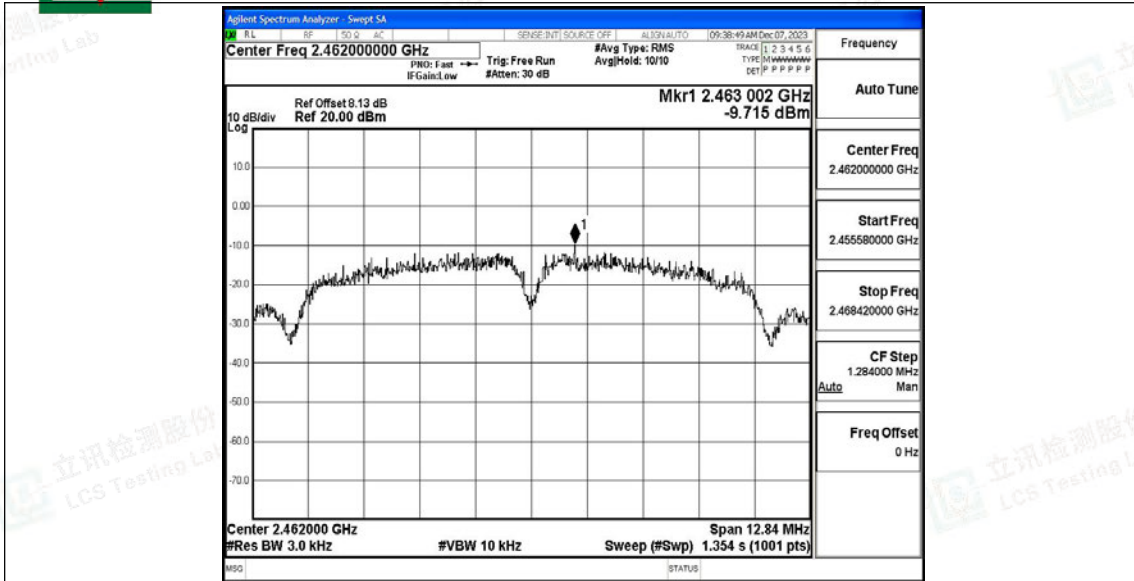


11B_Ant1_2437

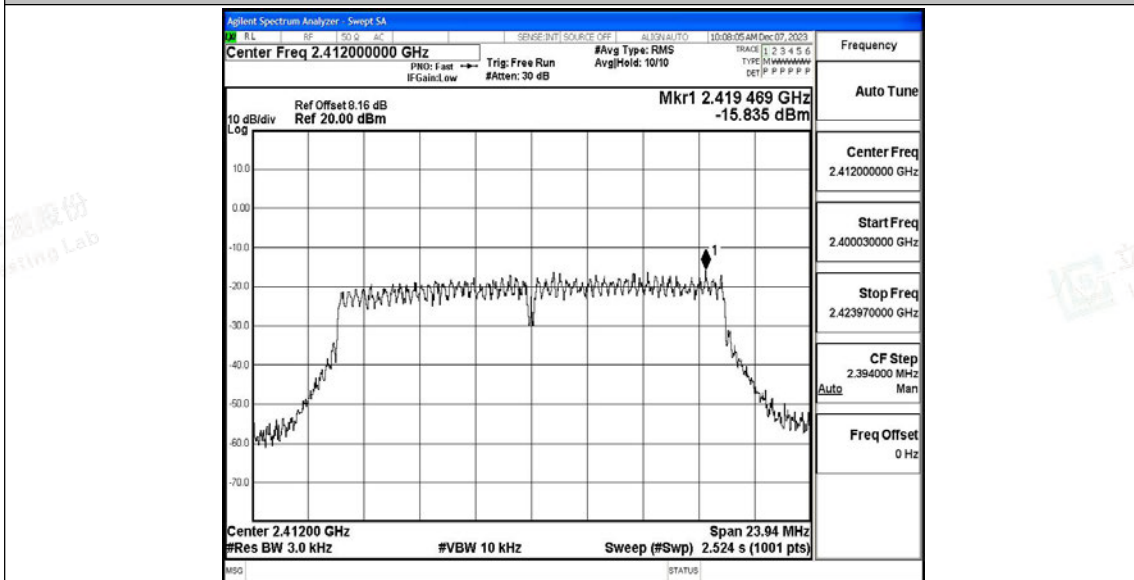


11B_Ant1_2462



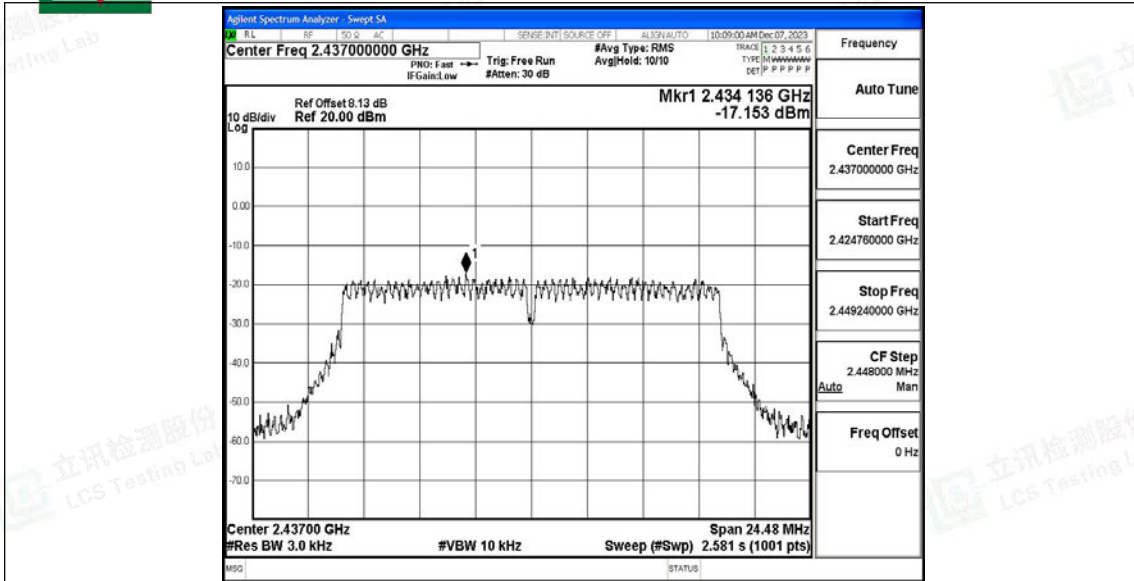


11G_Ant1_2412

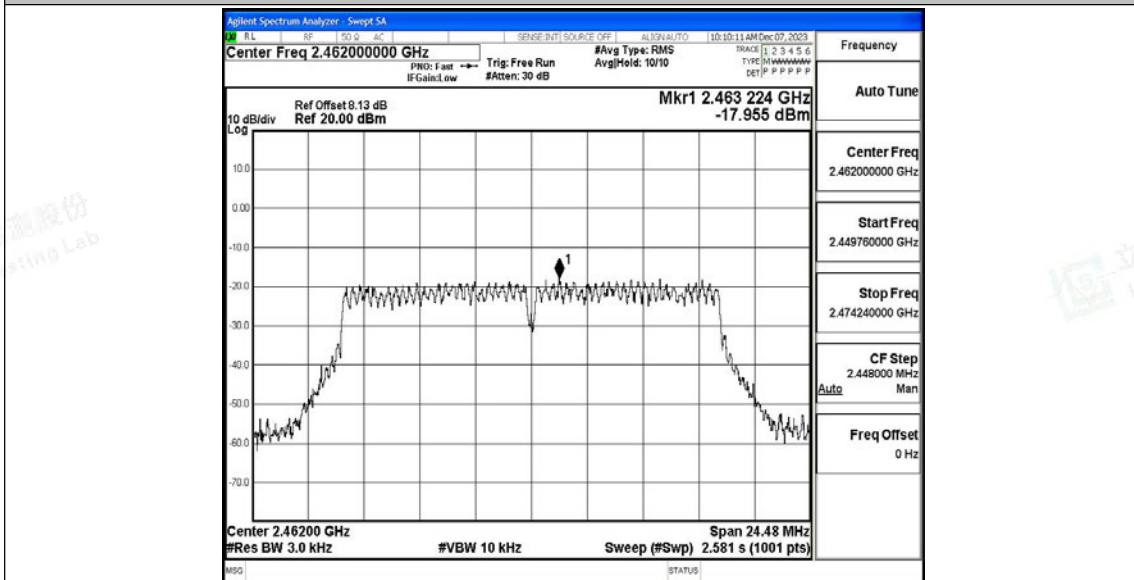


11G_Ant1_2437



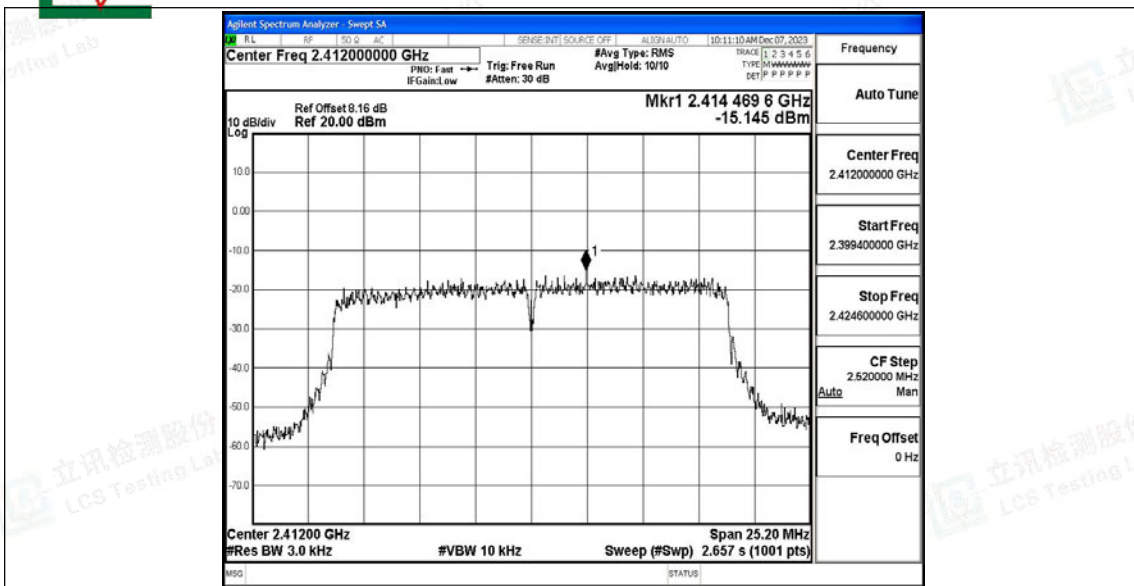


11G_Ant1_2462

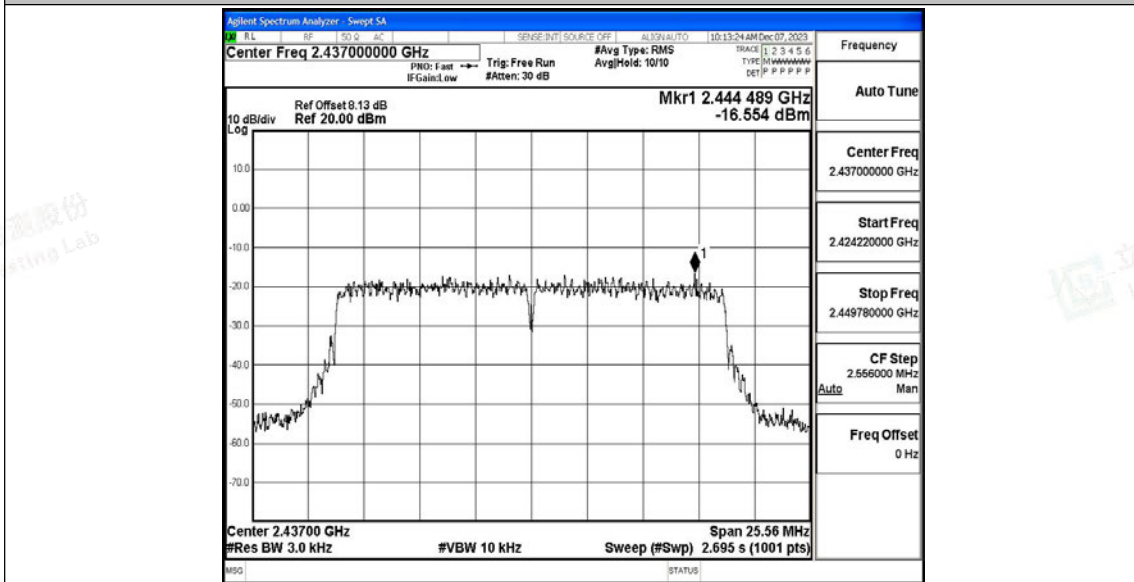


11N20SISO_Ant1_2412



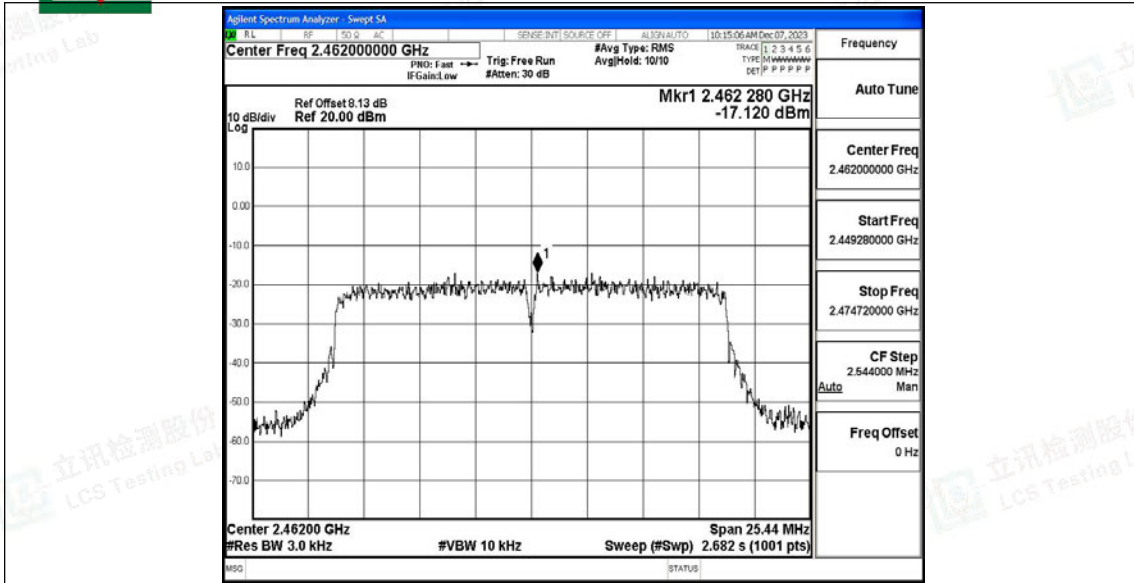


11N20SISO_Ant1_2437

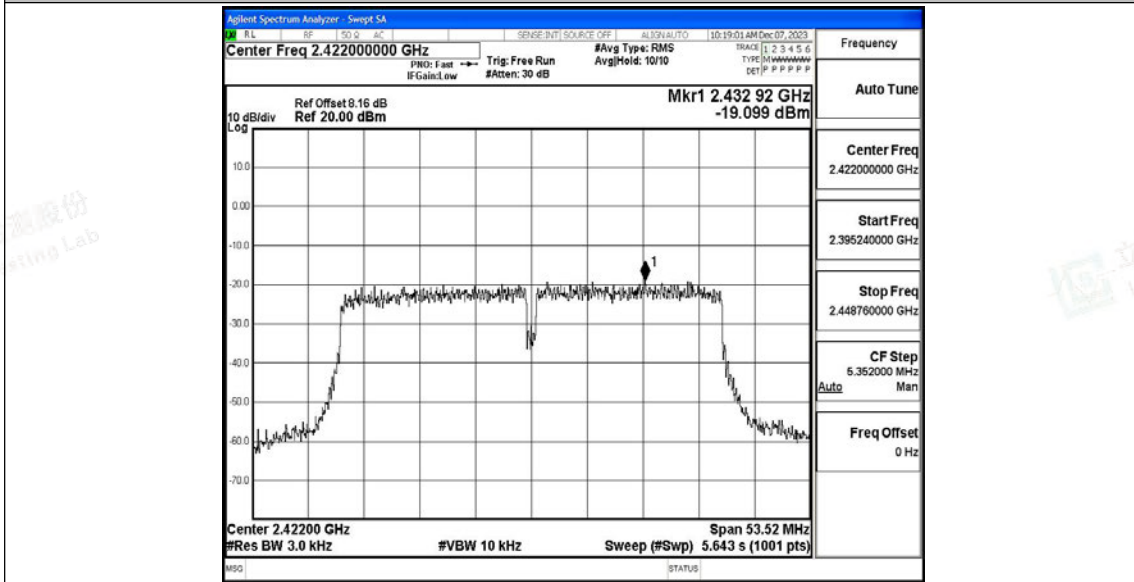


11N20SISO_Ant1_2462



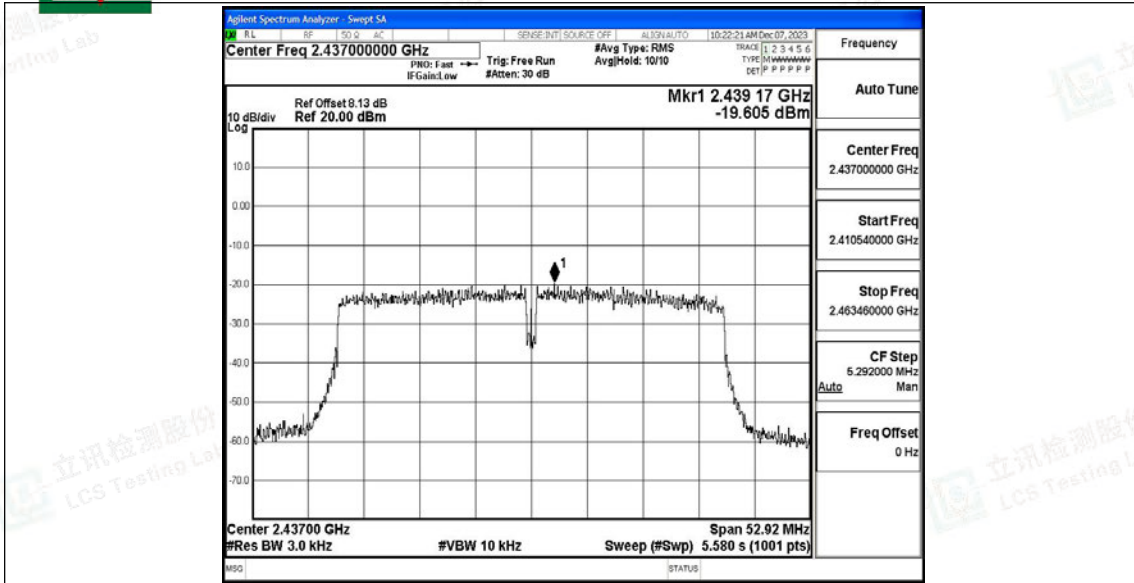


11N40SISO_Ant1_2422

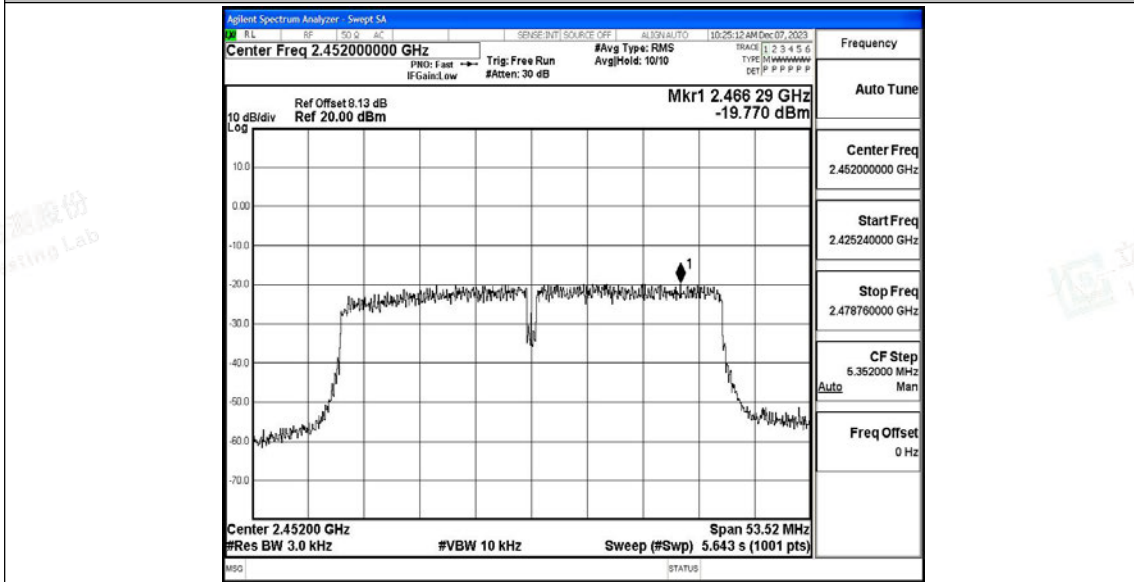


11N40SISO_Ant1_2437





11N40SISO_Ant1_2452





C.4 Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.24	-45.7	≤-15.76	PASS
		High	2462	3.09	-50.73	≤-16.91	PASS
11G	Ant1	Low	2412	0.04	-33.07	≤-19.96	PASS
		High	2462	-1.29	-42.79	≤-21.29	PASS
11N20SISO	Ant1	Low	2412	-0.73	-32.24	≤-20.73	PASS
		High	2462	-3.02	-44.84	≤-23.02	PASS
11N40SISO	Ant1	Low	2422	-4.75	-36.96	≤-24.75	PASS
		High	2452	-4.51	-39.13	≤-24.51	PASS



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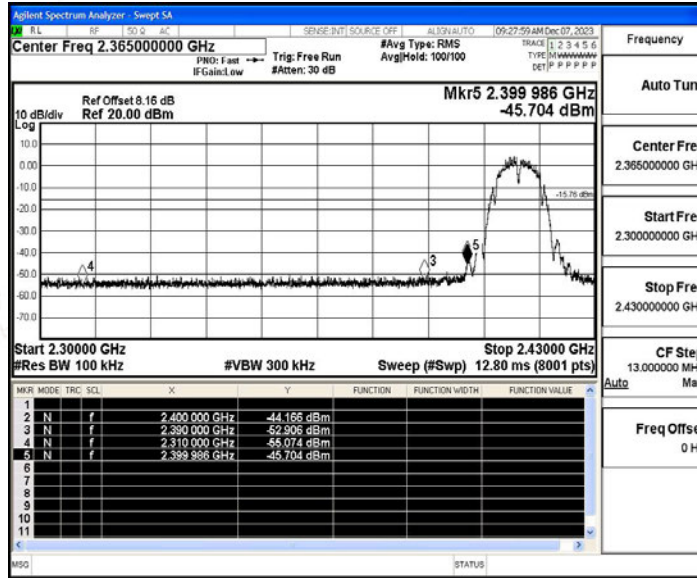
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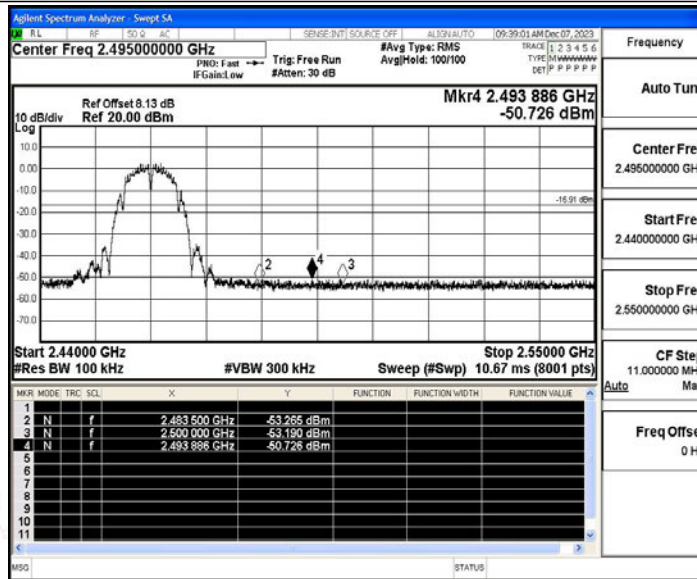


Test Graphs

11B_Ant1_Low_2412

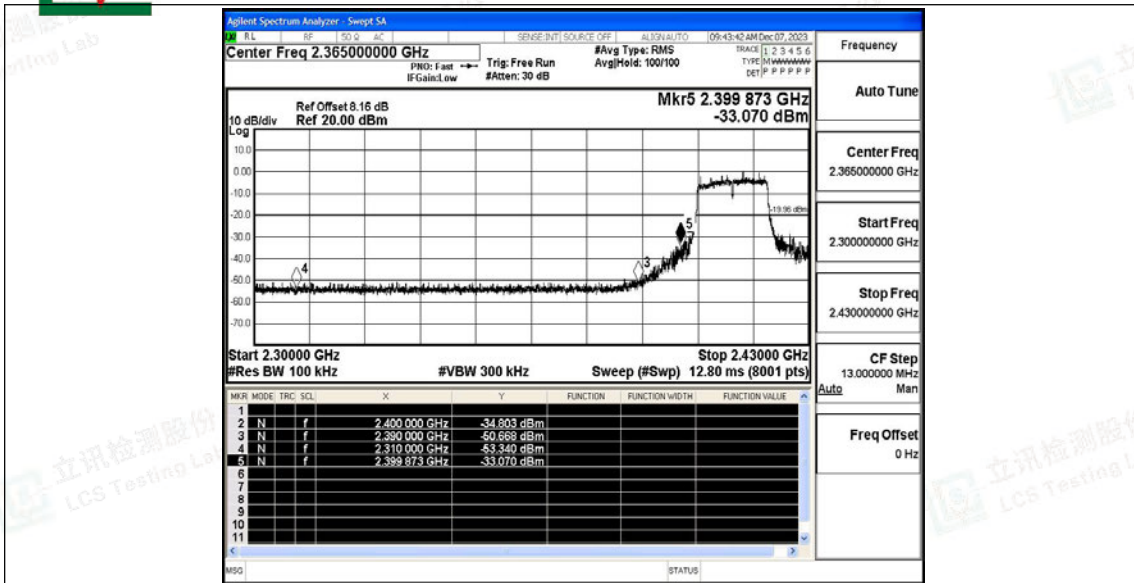


11B_Ant1_High_2462

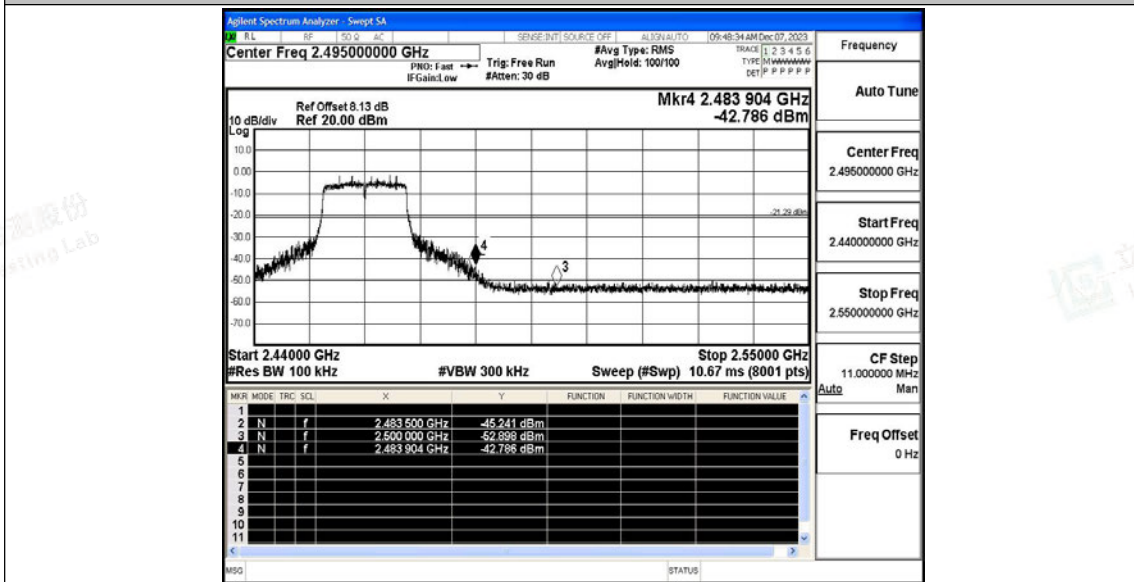


11G_Ant1_Low_2412



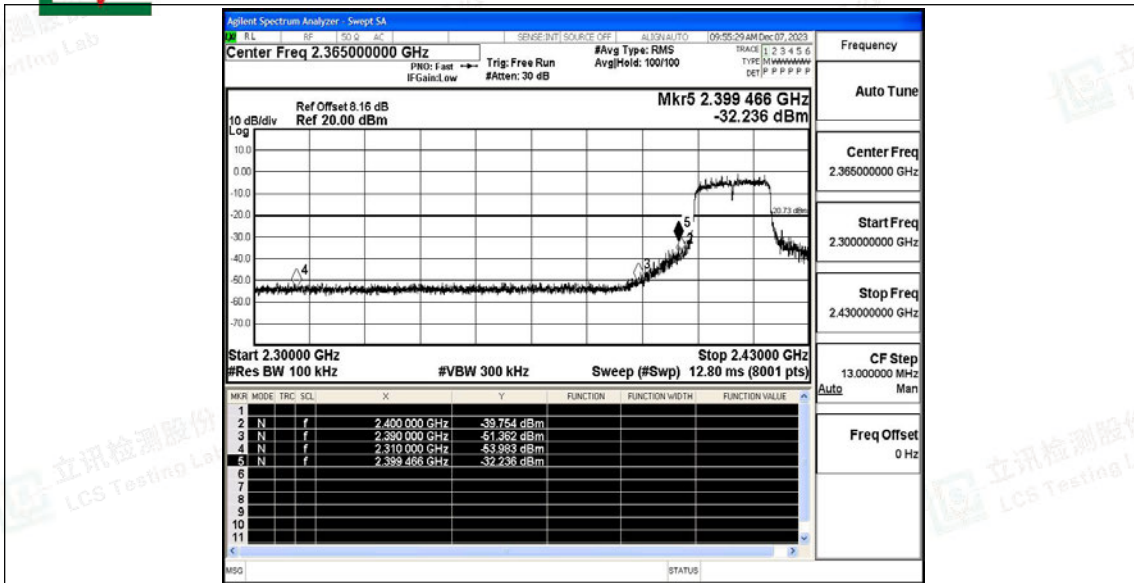


11G_Ant1_High_2462

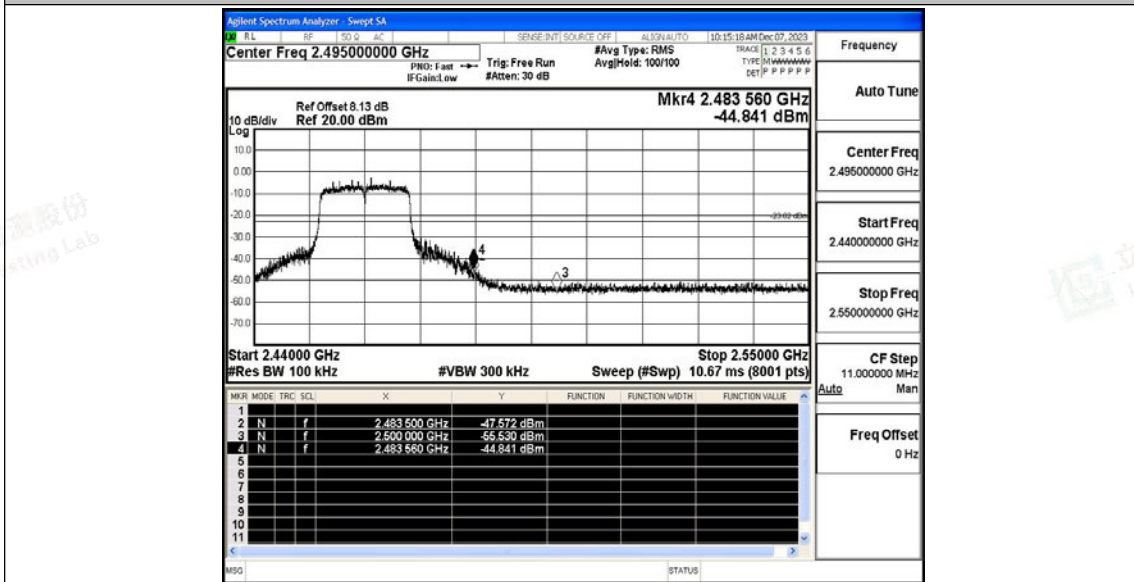


11N20SISO_Ant1_Low_2412



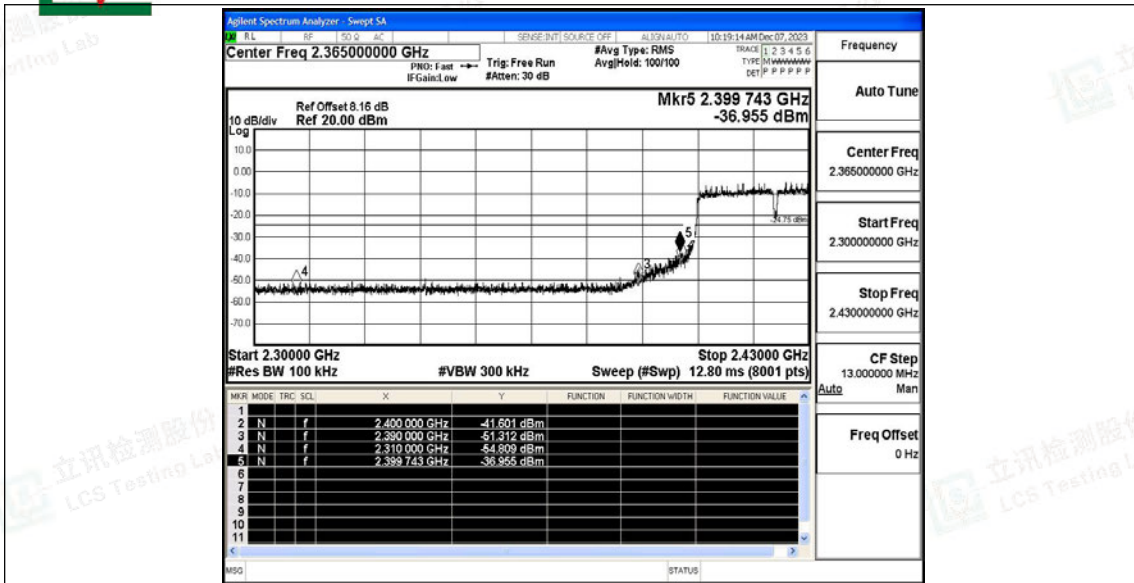


11N20SISO_Ant1_High_2462

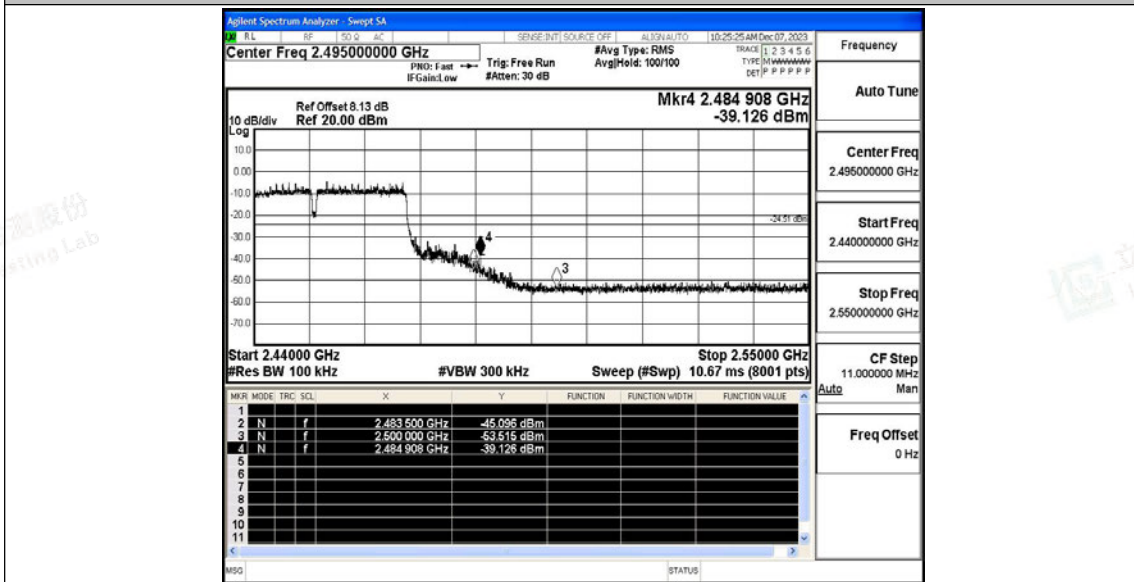


11N40SISO_Ant1_Low_2422





11N40SISO_Ant1_High_2452





C.5 Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~1000	4.24	-61.84	≤-15.76	PASS
			1000~26500	4.24	-49.02	≤-15.76	PASS
		2437	30~1000	3.78	-61.3	≤-16.22	PASS
			1000~26500	3.78	-49.03	≤-16.22	PASS
		2462	30~1000	3.09	-61.51	≤-16.91	PASS
			1000~26500	3.09	-49.35	≤-16.91	PASS
11G	Ant1	2412	30~1000	0.04	-59.93	≤-19.96	PASS
			1000~26500	0.04	-49.12	≤-19.96	PASS
		2437	30~1000	-0.65	-61.9	≤-20.65	PASS
			1000~26500	-0.65	-49.65	≤-20.65	PASS
		2462	30~1000	-1.29	-61.37	≤-21.29	PASS
			1000~26500	-1.29	-49.04	≤-21.29	PASS
11N20SISO	Ant1	2412	30~1000	-0.73	-61.9	≤-20.73	PASS
			1000~26500	-0.73	-48.9	≤-20.73	PASS
		2437	30~1000	-1.35	-61.97	≤-21.35	PASS
			1000~26500	-1.35	-48.83	≤-21.35	PASS
		2462	30~1000	-3.02	-61.13	≤-23.02	PASS
			1000~26500	-3.02	-48.48	≤-23.02	PASS
11N40SISO	Ant1	2422	30~1000	-4.75	-61.56	≤-24.75	PASS
			1000~26500	-4.75	-48.58	≤-24.75	PASS
		2437	30~1000	-5.53	-61.99	≤-25.53	PASS
			1000~26500	-5.53	-48.85	≤-25.53	PASS
		2452	30~1000	-4.51	-61.29	≤-24.51	PASS
			1000~26500	-4.51	-49.36	≤-24.51	PASS



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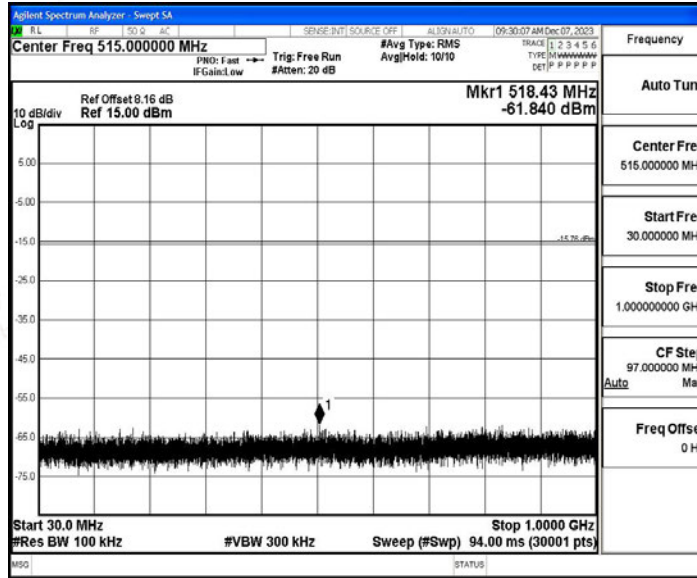
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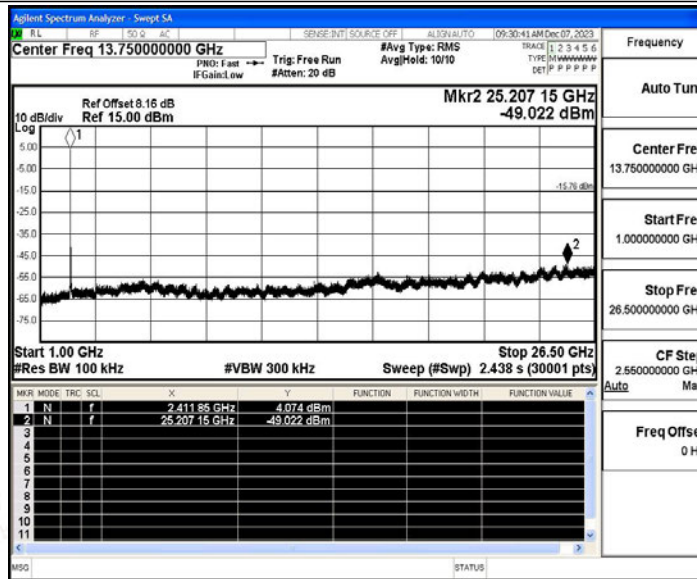


Test Graphs

11B_Ant1_2412_30~1000

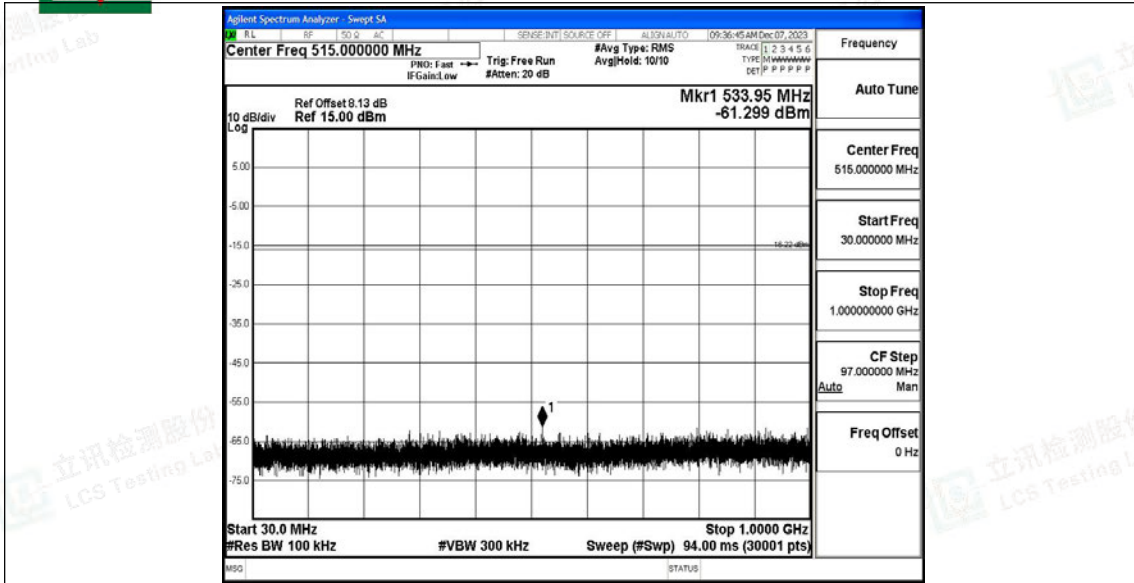


11B_Ant1_2412_1000~26500

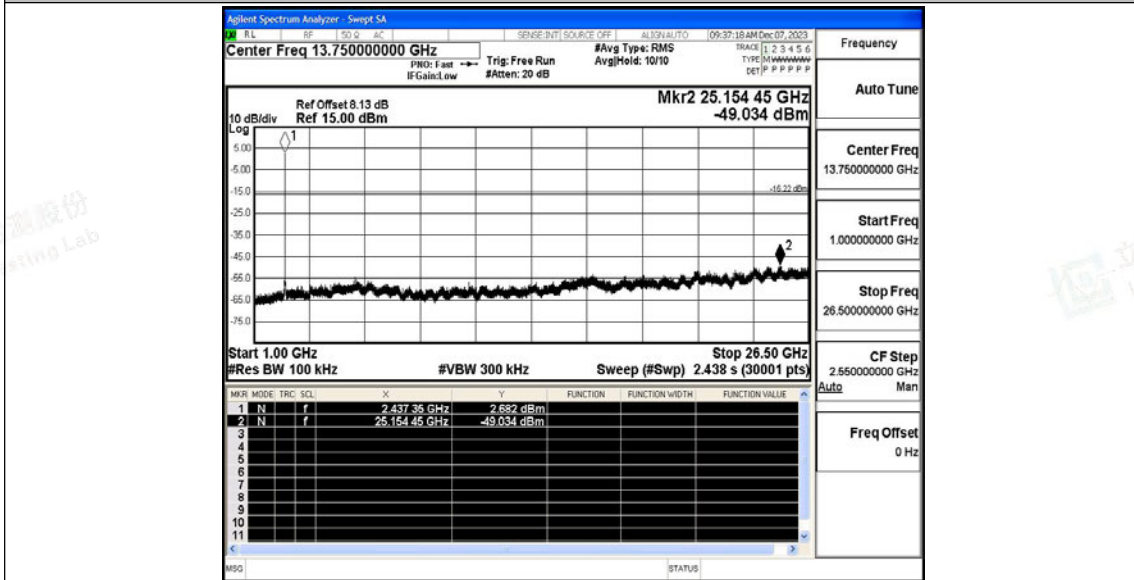


11B_Ant1_2437_30~1000



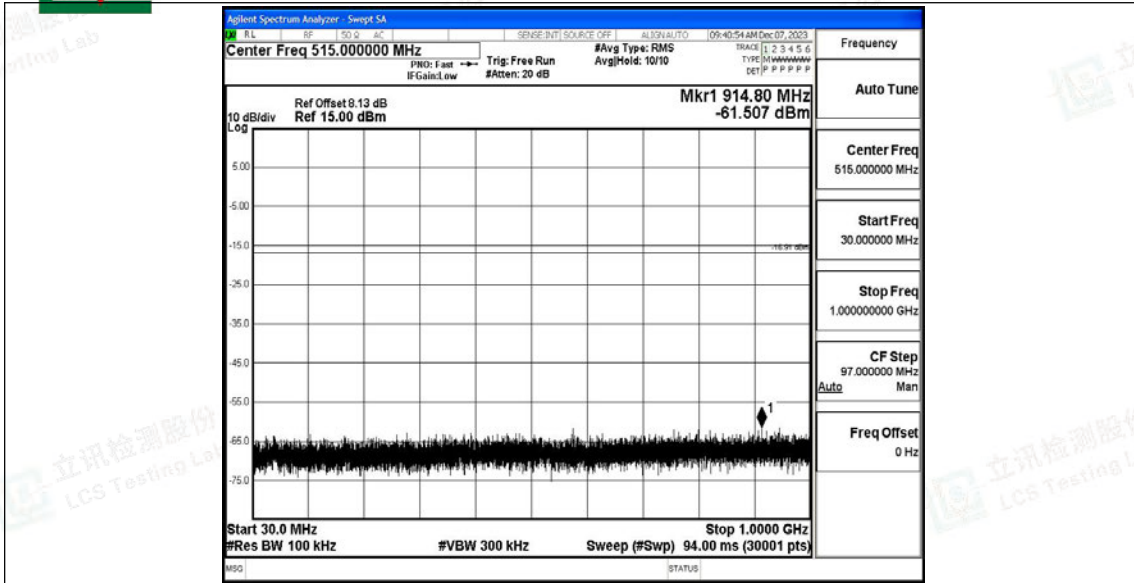


11B_Ant1_2437_1000~26500

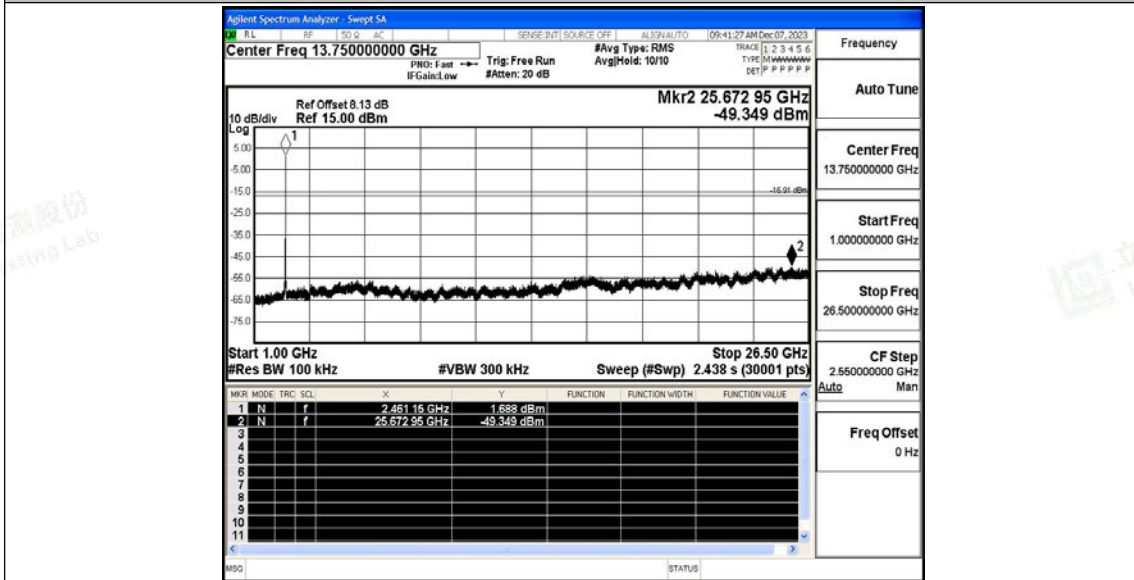


11B_Ant1_2462_30~1000



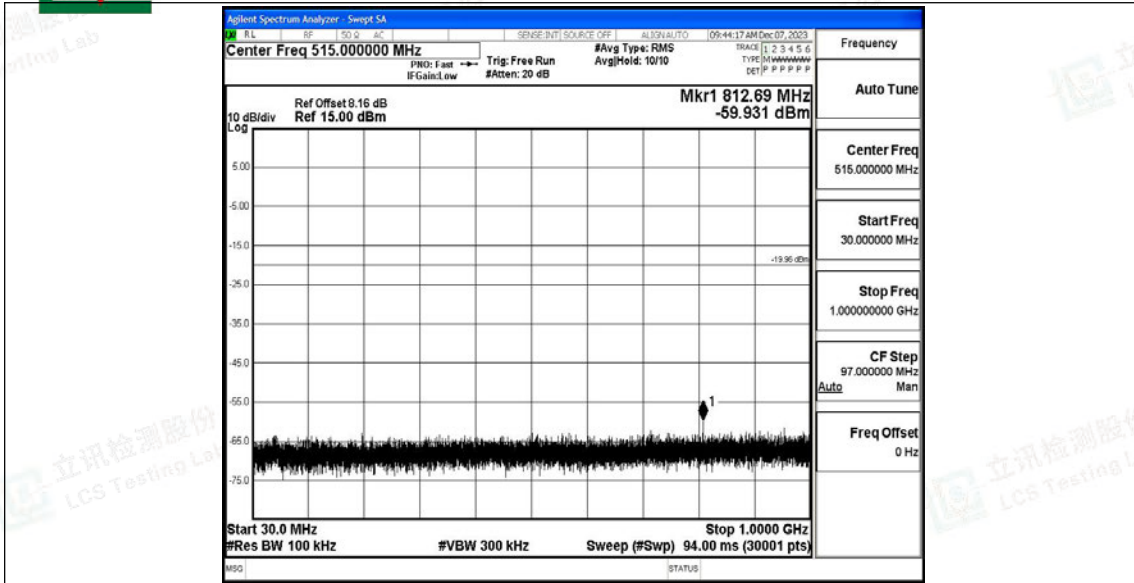


11B_Ant1_2462_1000~26500

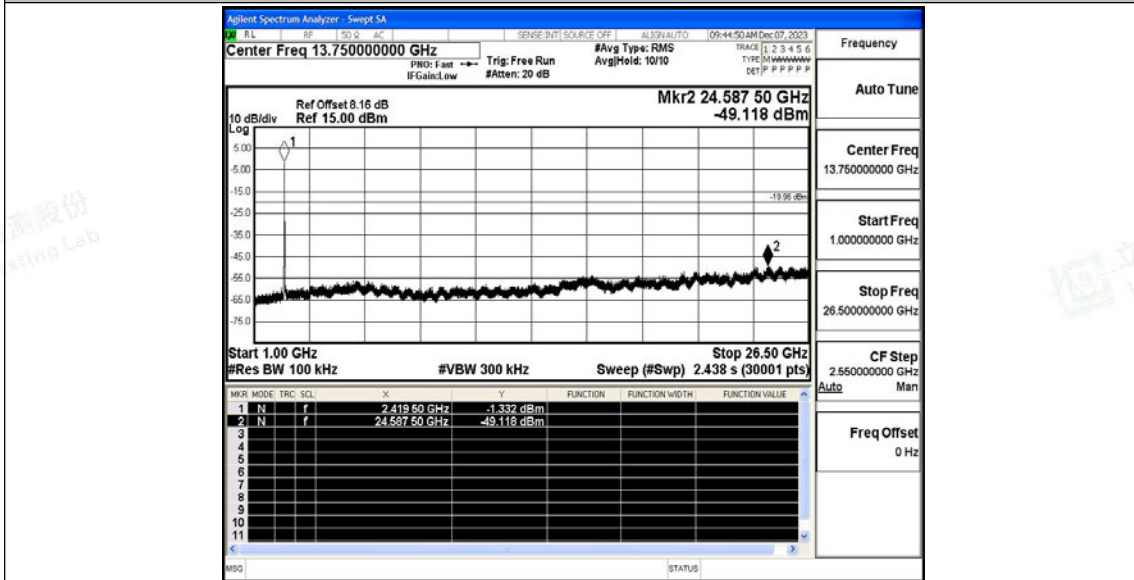


11G_Ant1_2412_30~1000



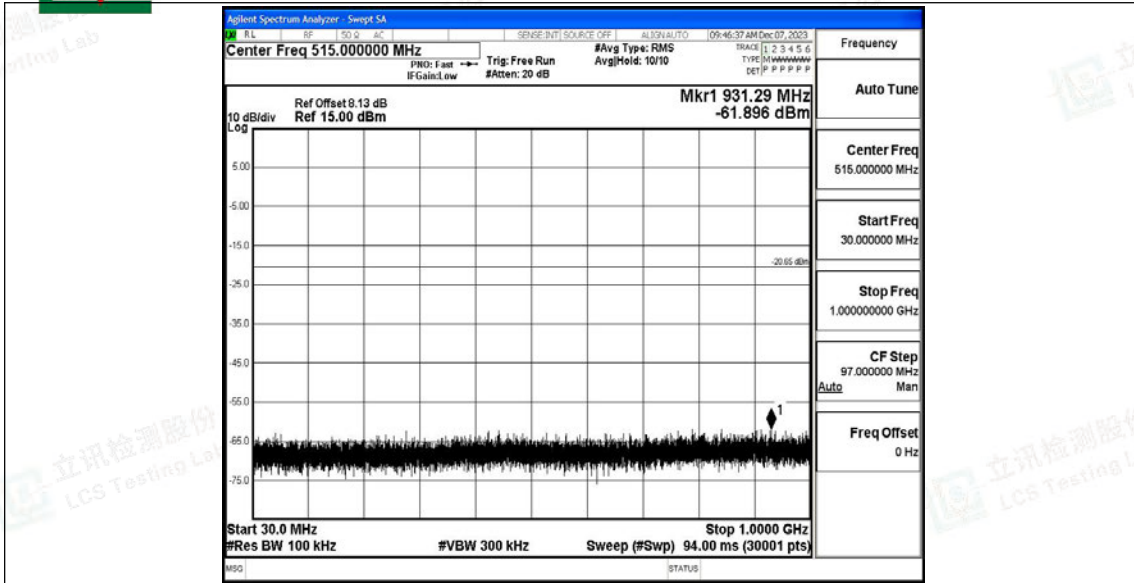


11G_Ant1_2412_1000~26500

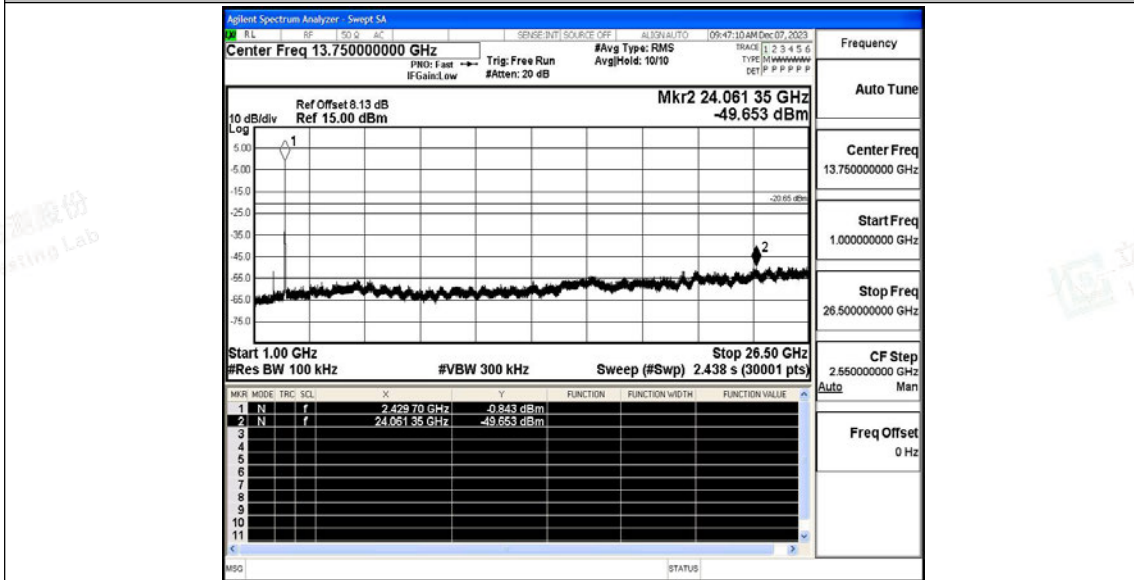


11G_Ant1_2437_30~1000



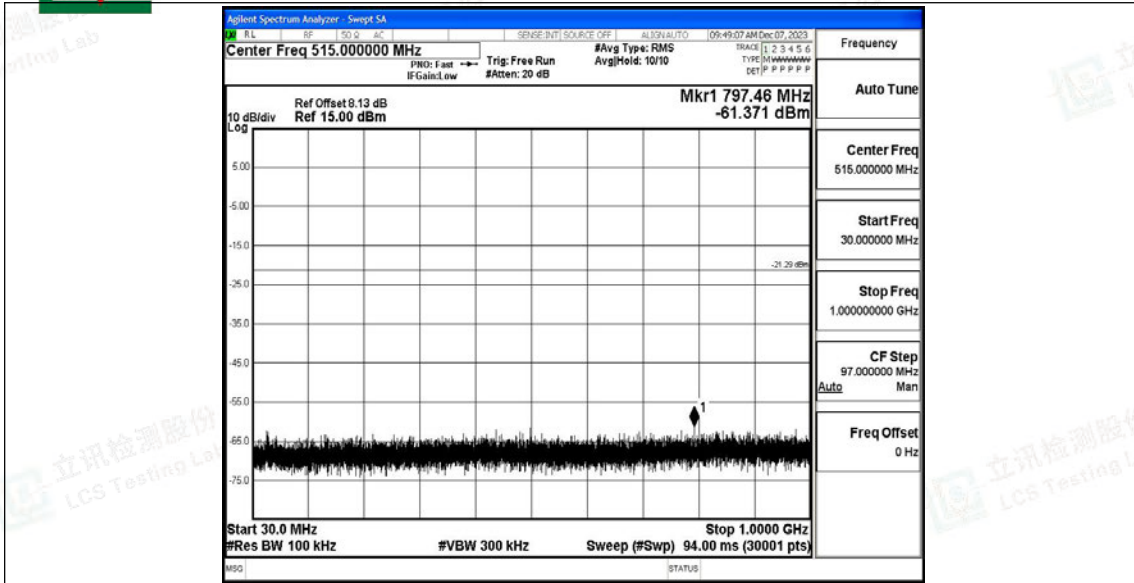


11G_Ant1_2437_1000~26500

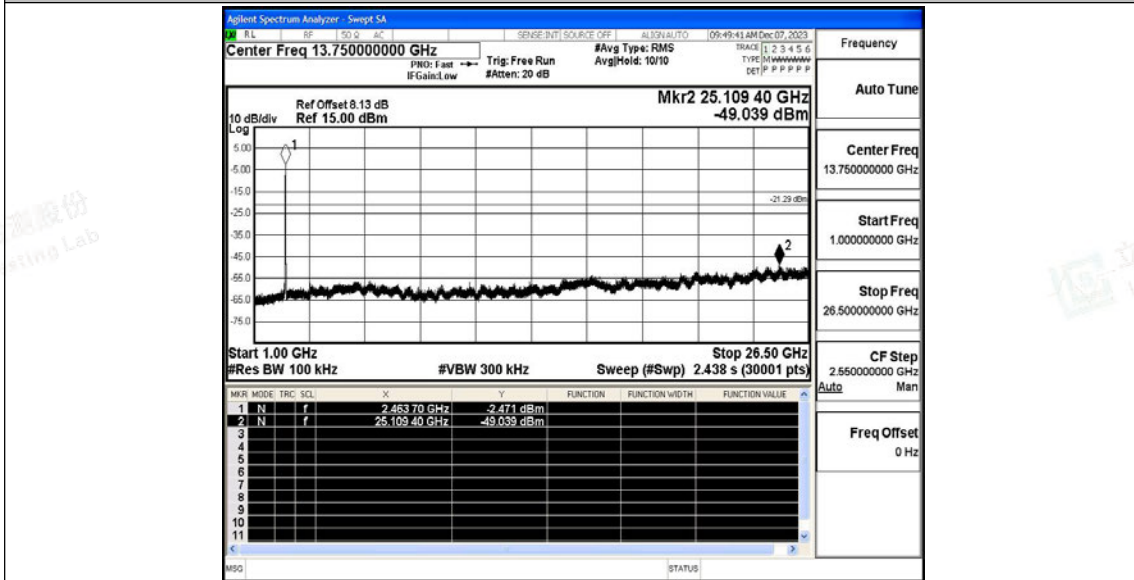


11G_Ant1_2462_30~1000



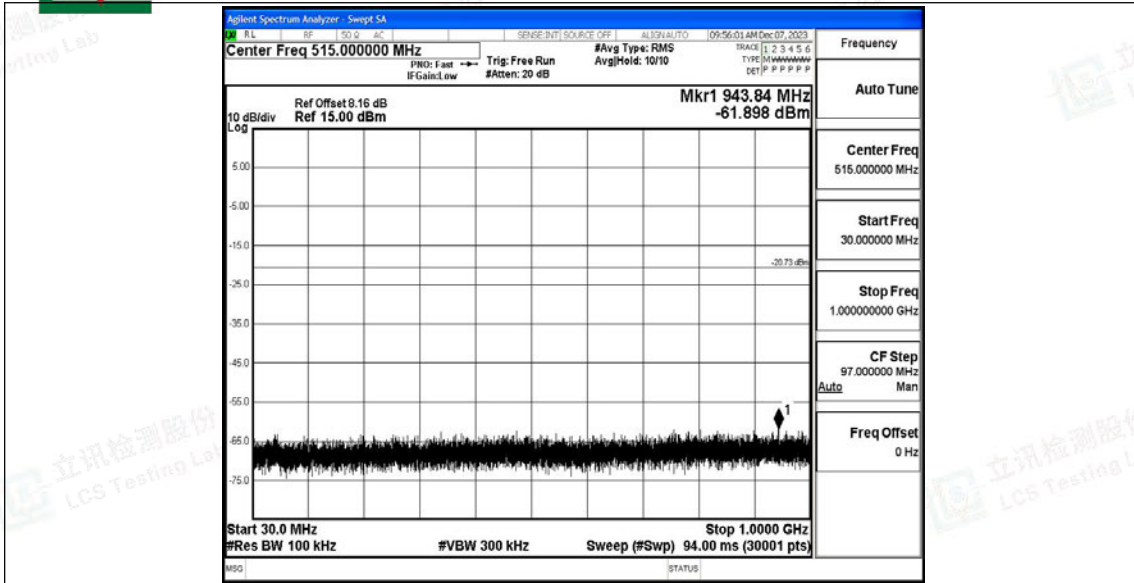


11G_Ant1_2462_1000~26500

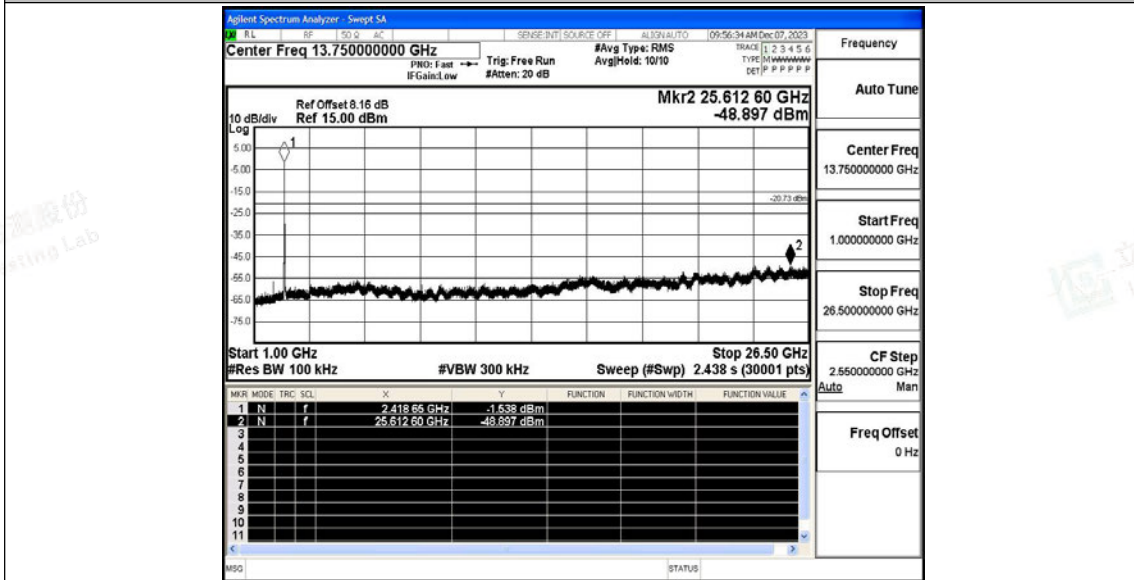


11N20SISO_Ant1_2412_30~1000



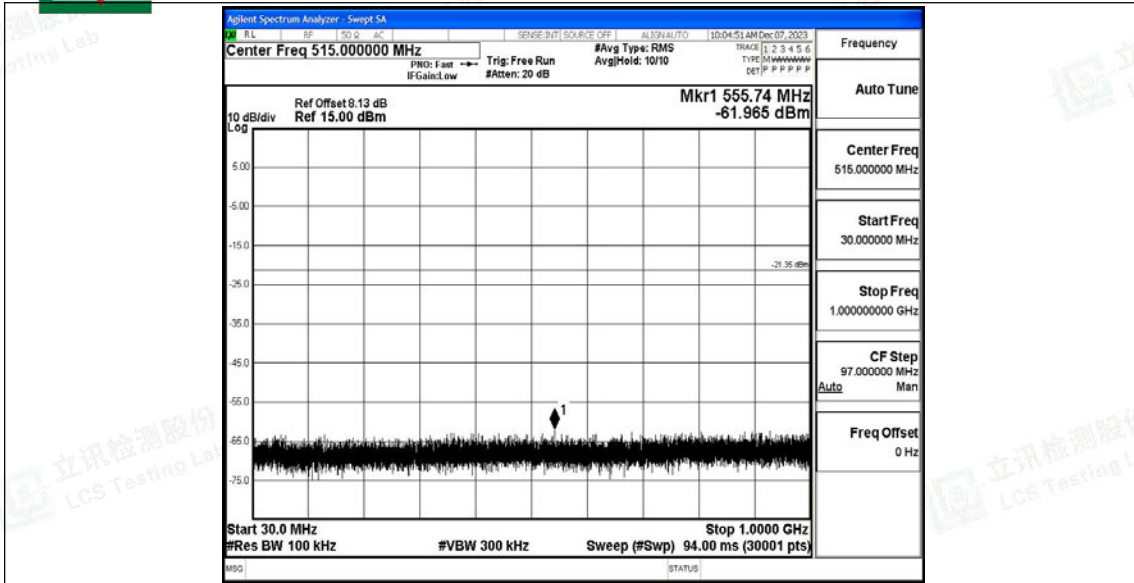


11N20SISO_Ant1_2412_1000~26500

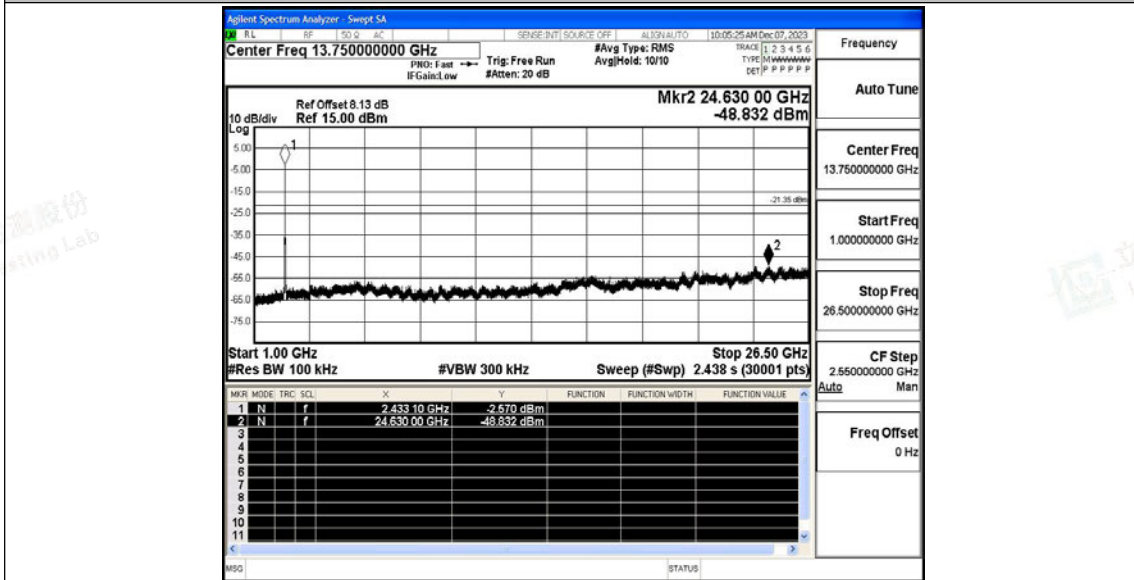


11N20SISO_Ant1_2437_30~1000



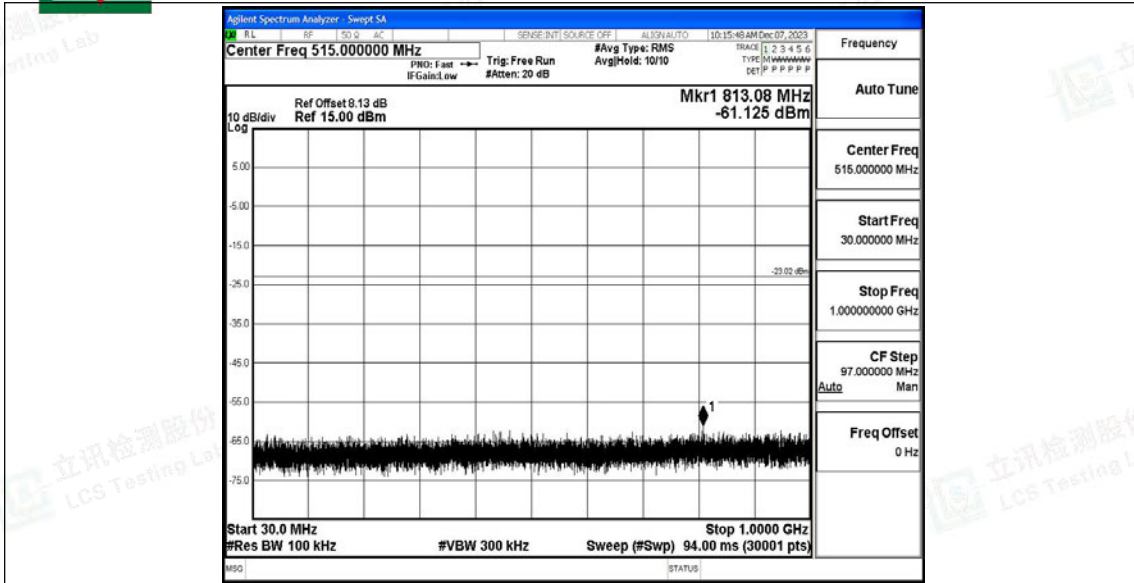


11N20SISO_Ant1_2437_1000~26500

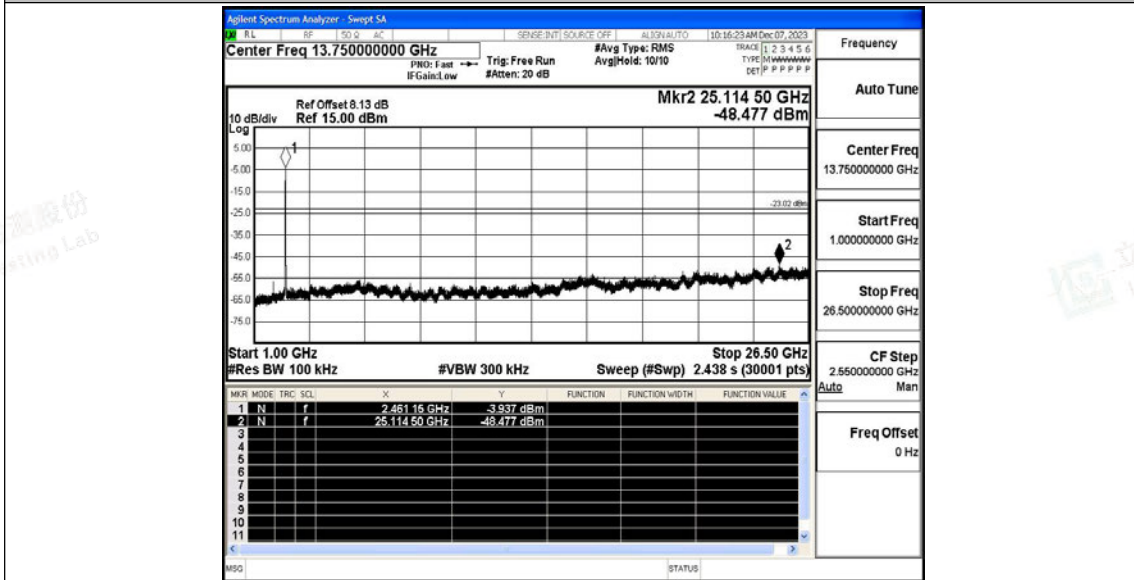


11N20SISO_Ant1_2462_30~1000



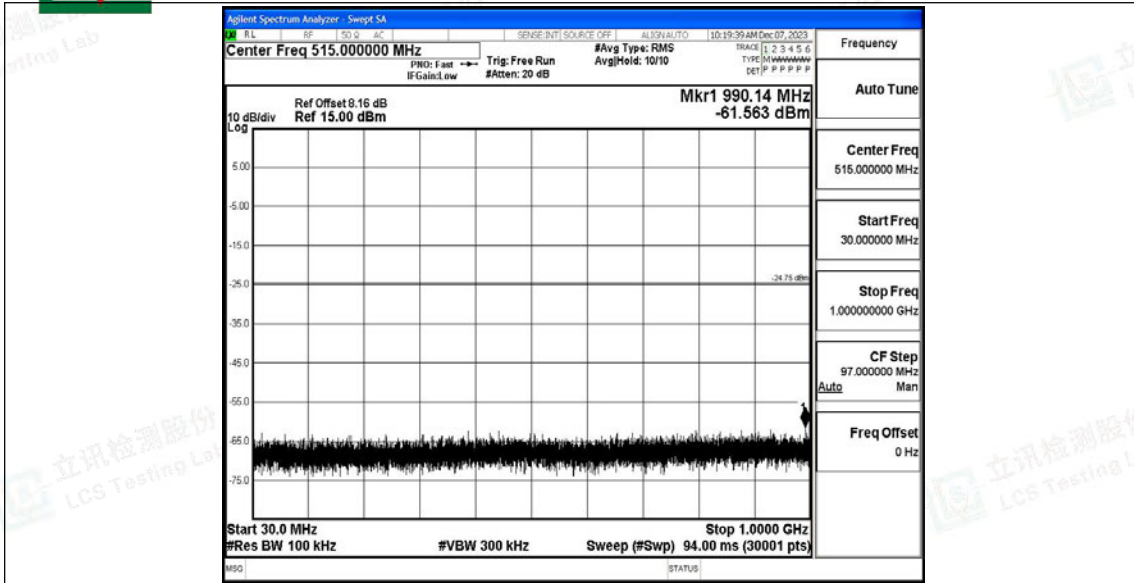


11N20SISO_Ant1_2462_1000~26500

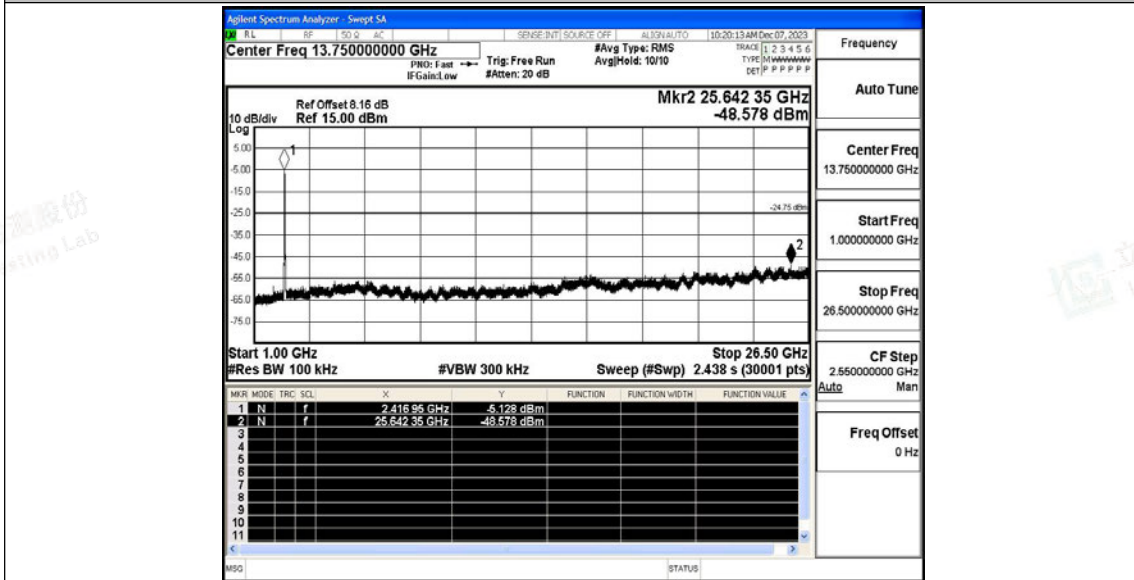


11N40SISO_Ant1_2422_30~1000



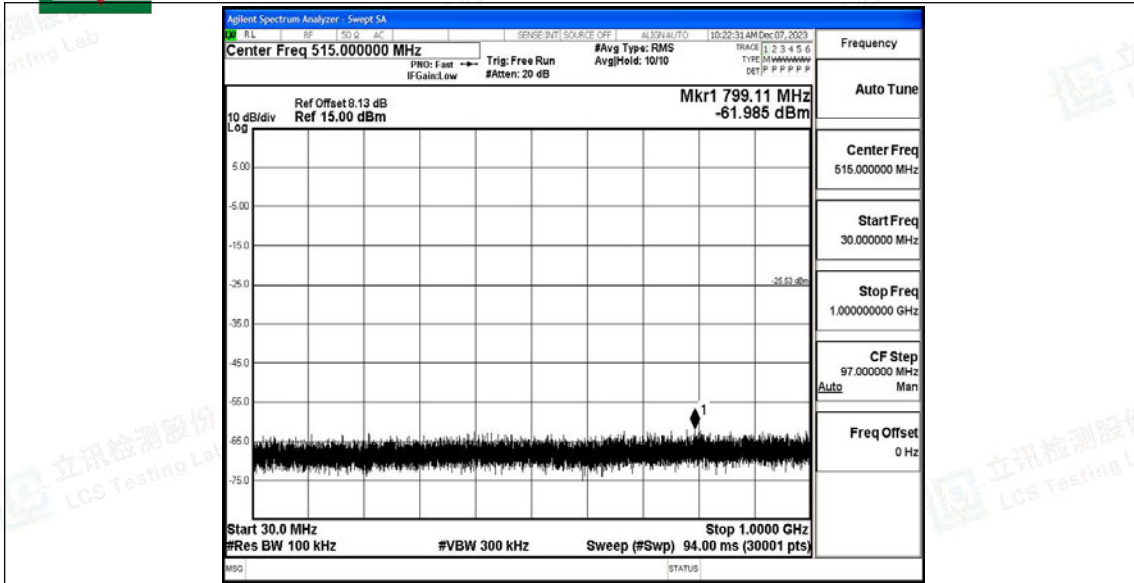


11N40SISO_Ant1_2422_1000~26500

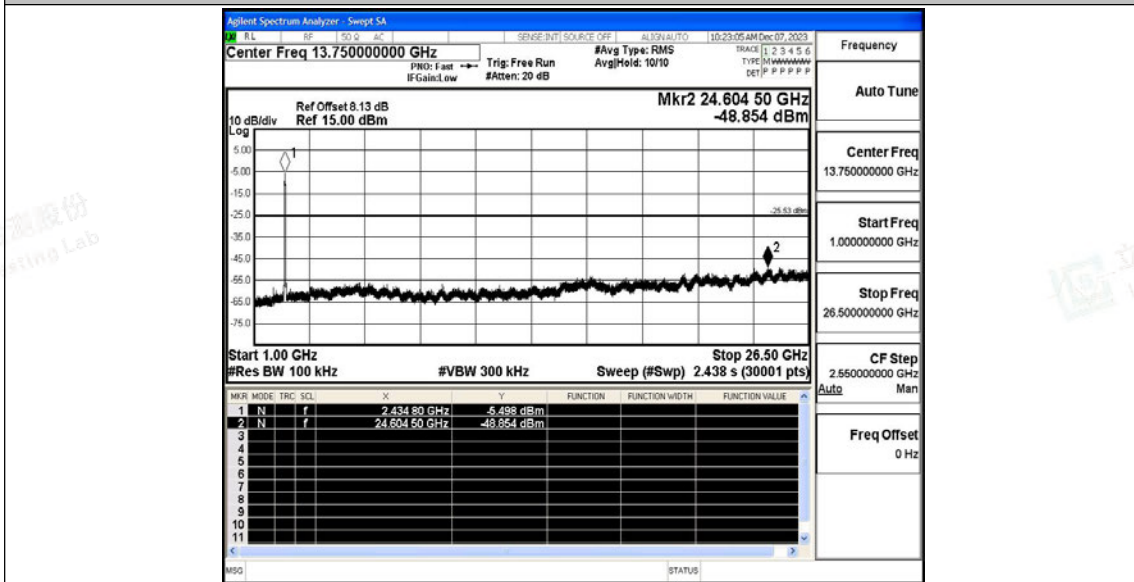


11N40SISO_Ant1_2437_30~1000



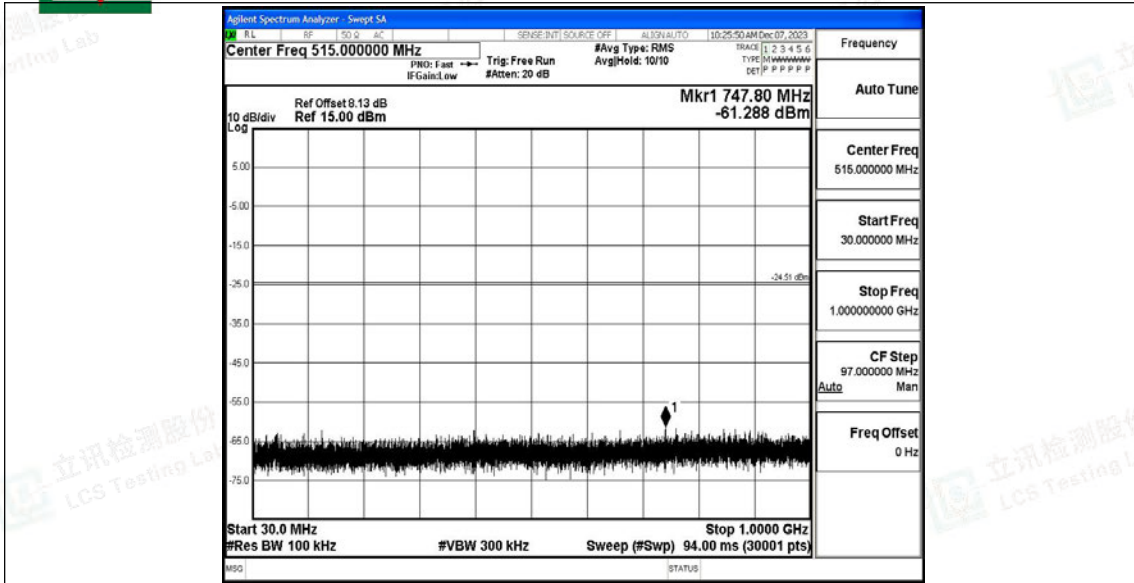


11N40SISO_Ant1_2437_1000~26500

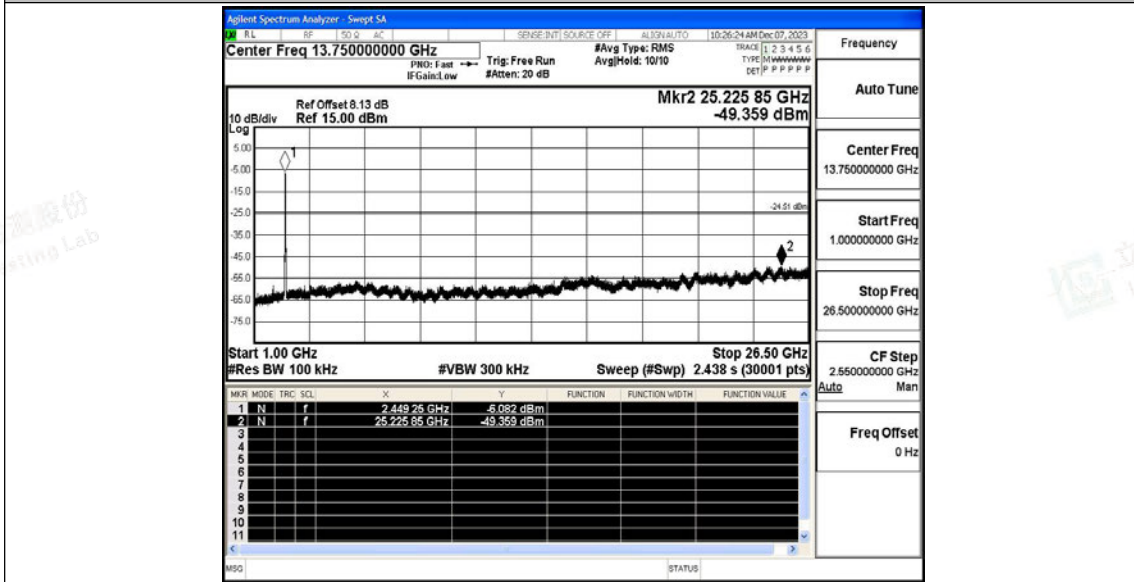


11N40SISO_Ant1_2452_30~1000





11N40SISO_Ant1_2452_1000~26500





Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2413.00	4.24
		2437	2439.00	3.78
		2462	2461.00	3.09
11G	Ant1	2412	2419.49	0.04
		2437	2439.50	-0.65
		2462	2464.47	-1.29
11N20SISO	Ant1	2412	2413.26	-0.73
		2437	2438.28	-1.35
		2462	2463.27	-3.02
11N40SISO	Ant1	2422	2426.98	-4.75
		2437	2434.51	-5.53
		2452	2455.75	-4.51



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

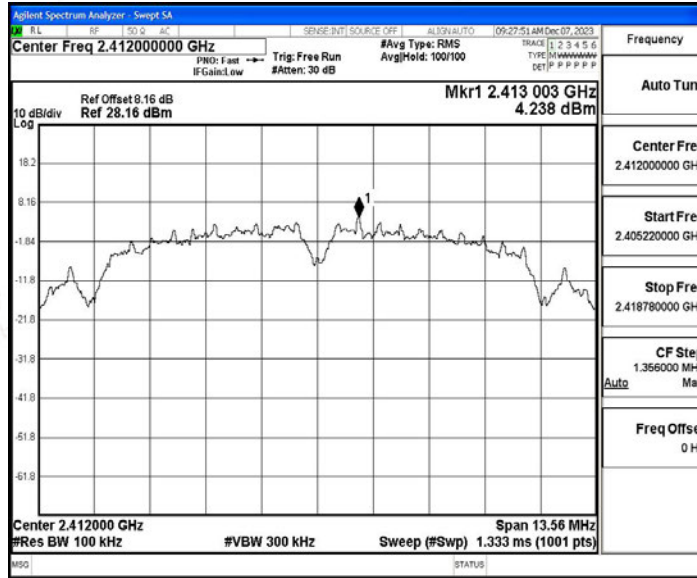
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

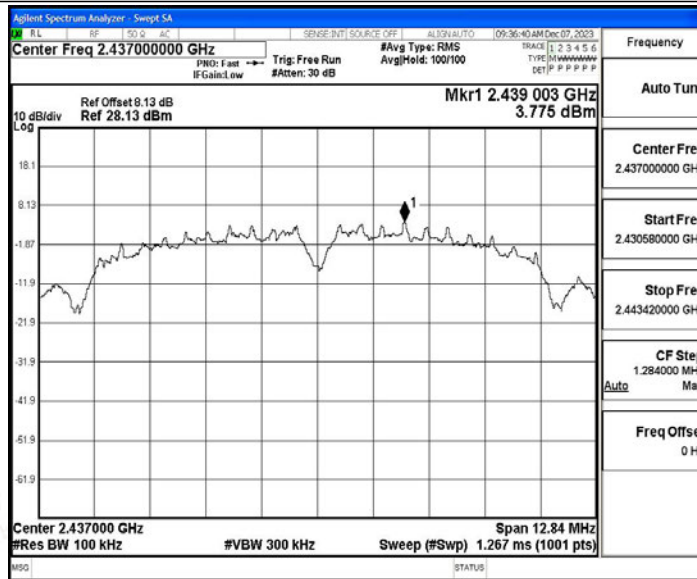


Test Graphs

11B_Ant1_2412

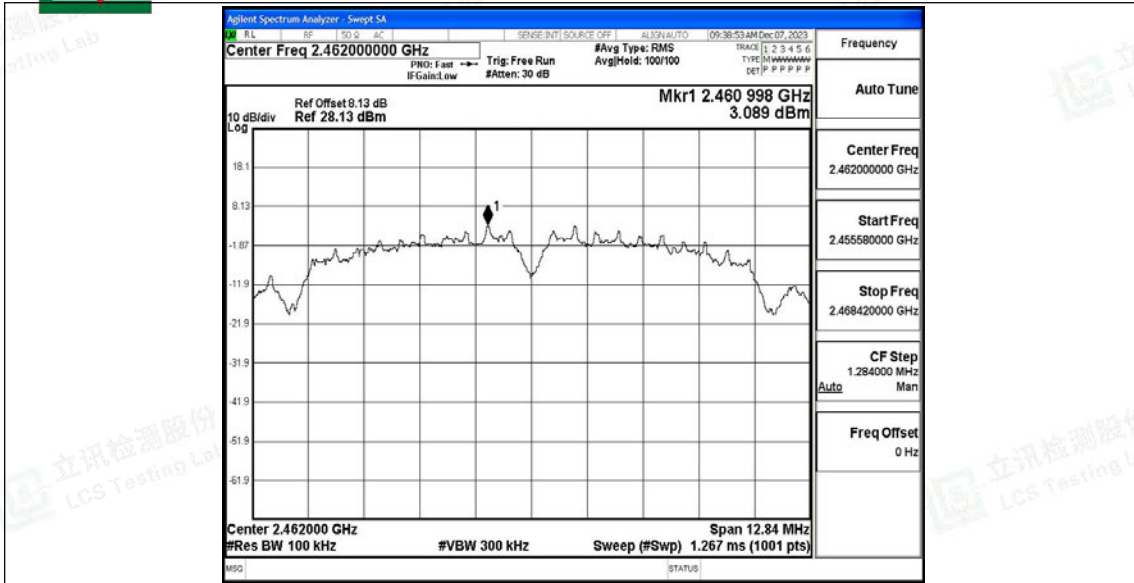


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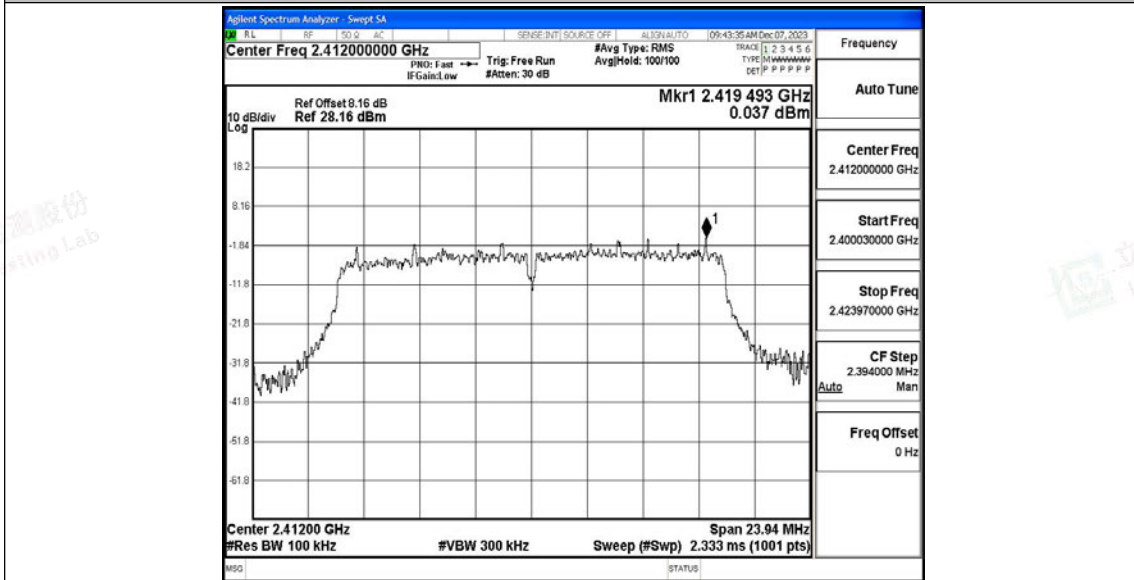


11B_Ant1_2462



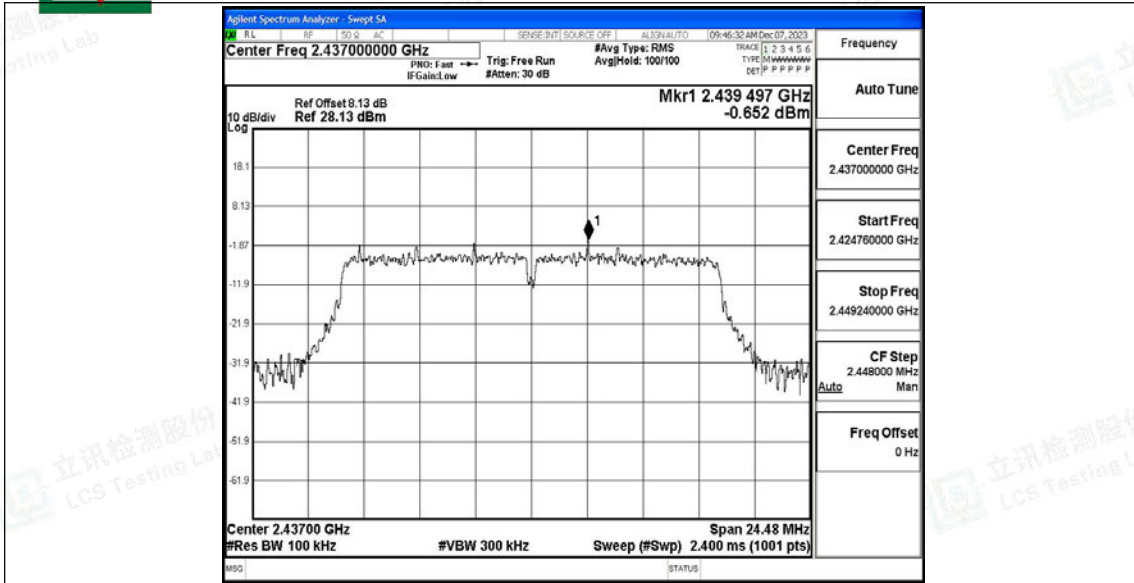


11G_Ant1_2412

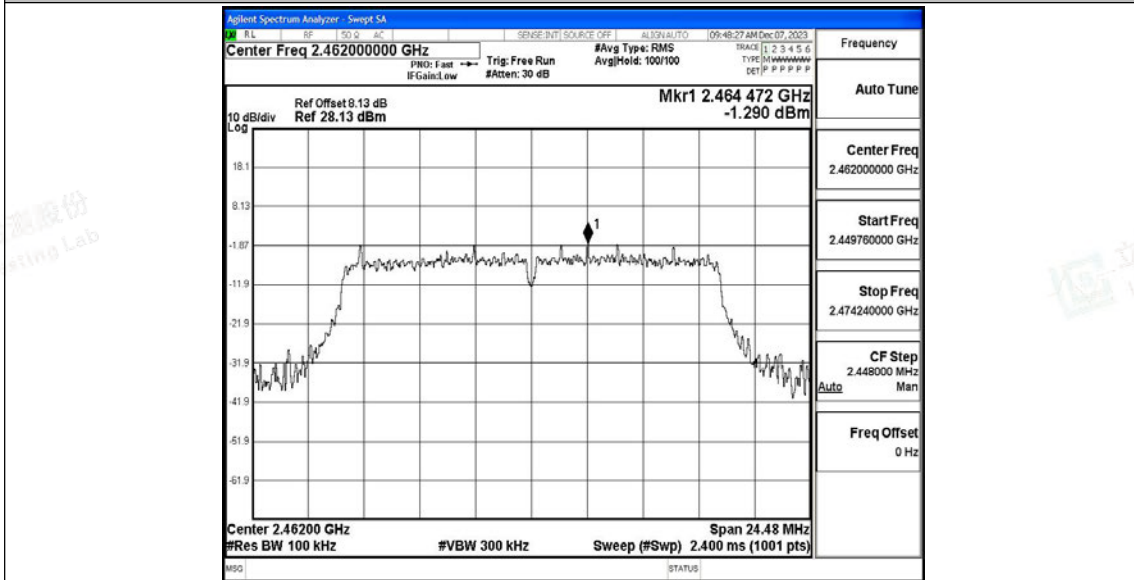


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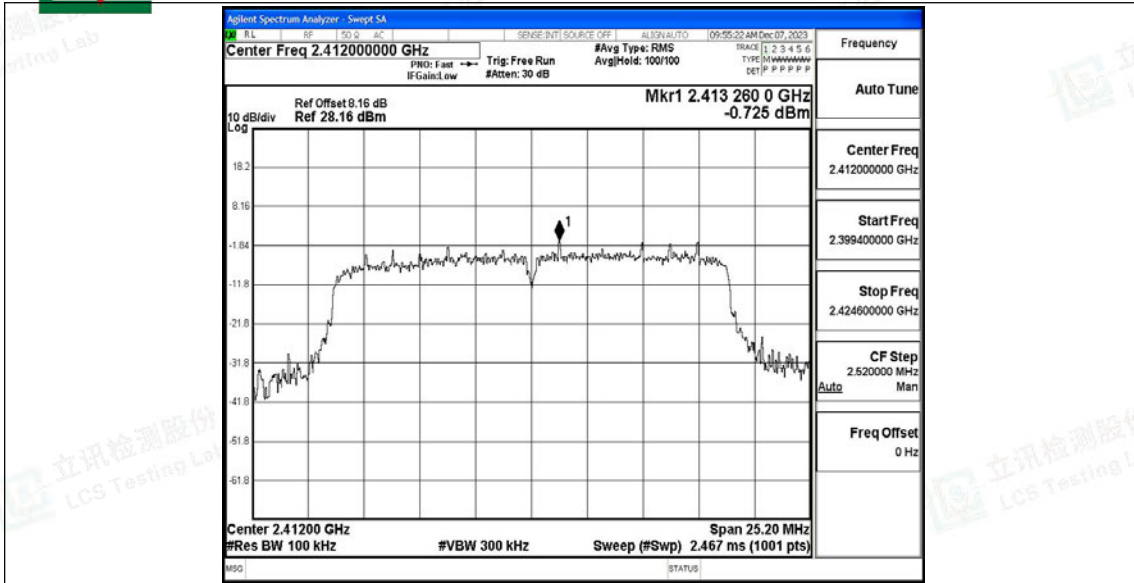


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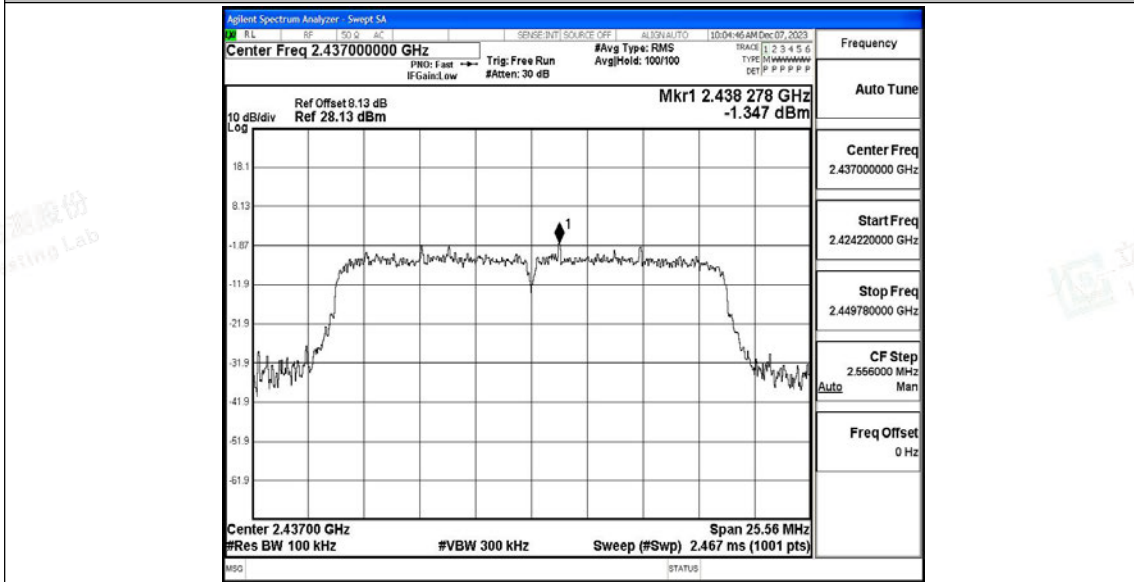


11N20SISO_Ant1_2412



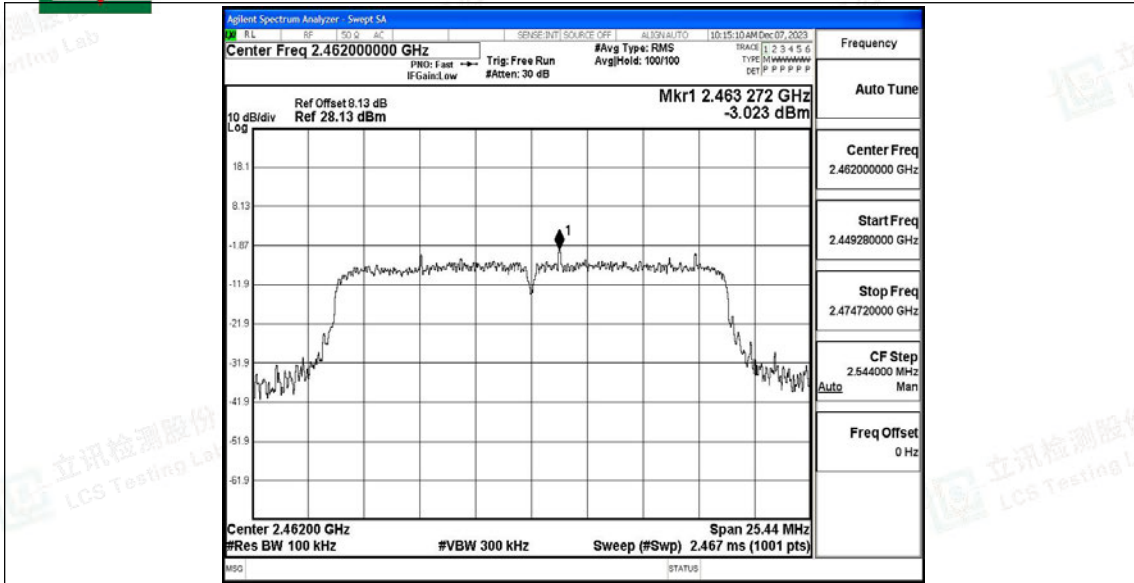


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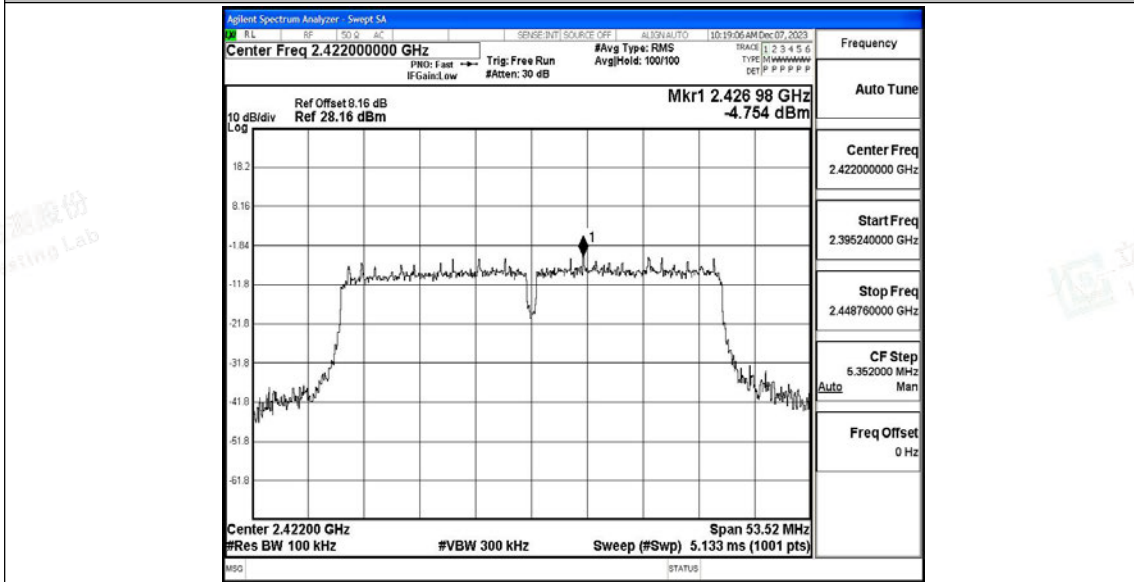


11N20SISO_Ant1_2462





11N40SISO_Ant1_2422



11N40SISO_Ant1_2437

