



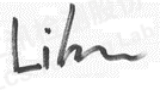
Appendix C

RF Test Data for 2.4GWIFI (Conducted Measurement)

Product Name: 10inch tablet pc

Test Model: YY-F1010

Environmental Conditions

Temperature:	23.8 ° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	 Monkey Li
Supervised by:	 Li Huan





C.1 DTS Bandwidth

Test Result

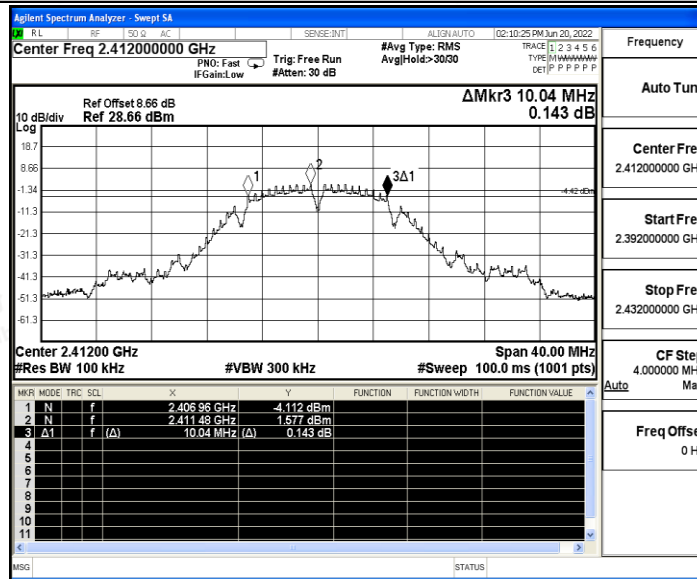
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant	2412	10.040	2406.960	2417.000	0.5	PASS
		2437	10.000	2432.000	2442.000	0.5	PASS
		2462	10.000	2457.000	2467.000	0.5	PASS
11G	Ant	2412	15.120	2404.440	2419.560	0.5	PASS
		2437	15.320	2429.240	2444.560	0.5	PASS
		2462	15.520	2454.240	2469.760	0.5	PASS
11N20SISO	Ant	2412	15.920	2404.440	2420.360	0.5	PASS
		2437	15.120	2429.440	2444.560	0.5	PASS
		2462	15.400	2454.440	2469.840	0.5	PASS
11N40SISO	Ant	2422	35.120	2404.400	2439.520	0.5	PASS
		2437	35.120	2419.400	2454.520	0.5	PASS
		2452	35.120	2434.400	2469.520	0.5	PASS



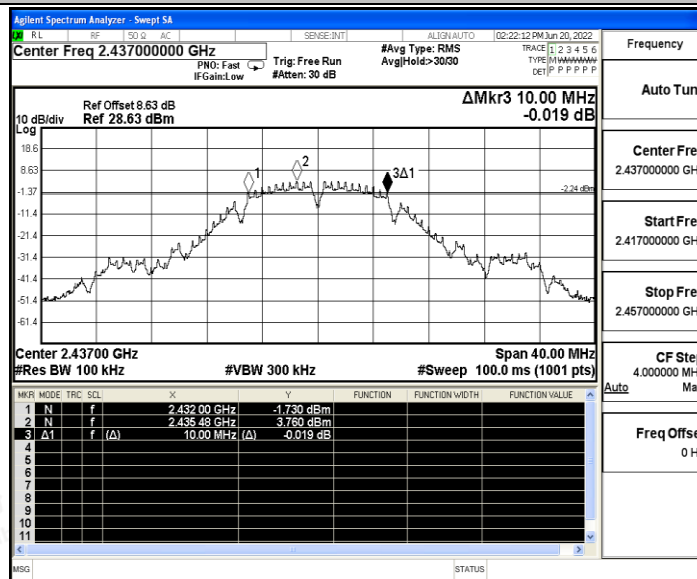


Test Graphs

11B_Ant_2412

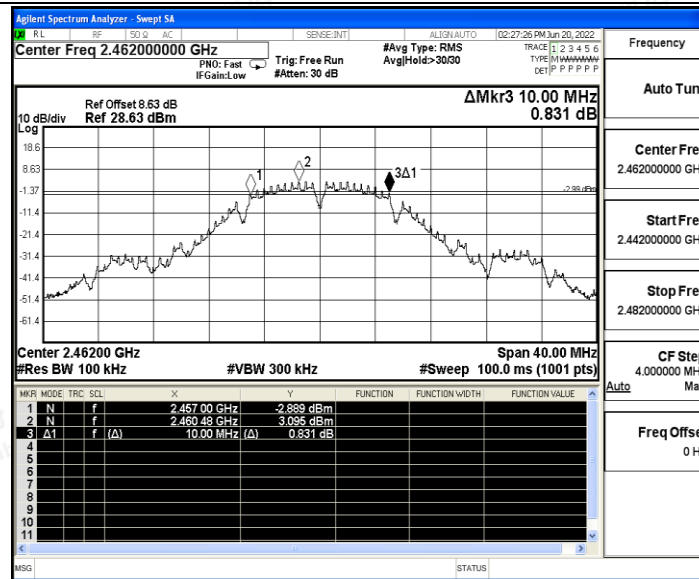


11B_Ant_2437

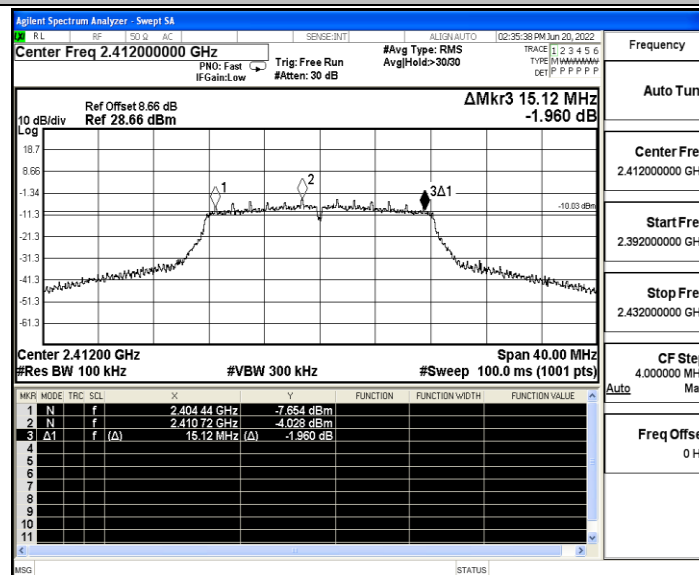


11B_Ant_2462



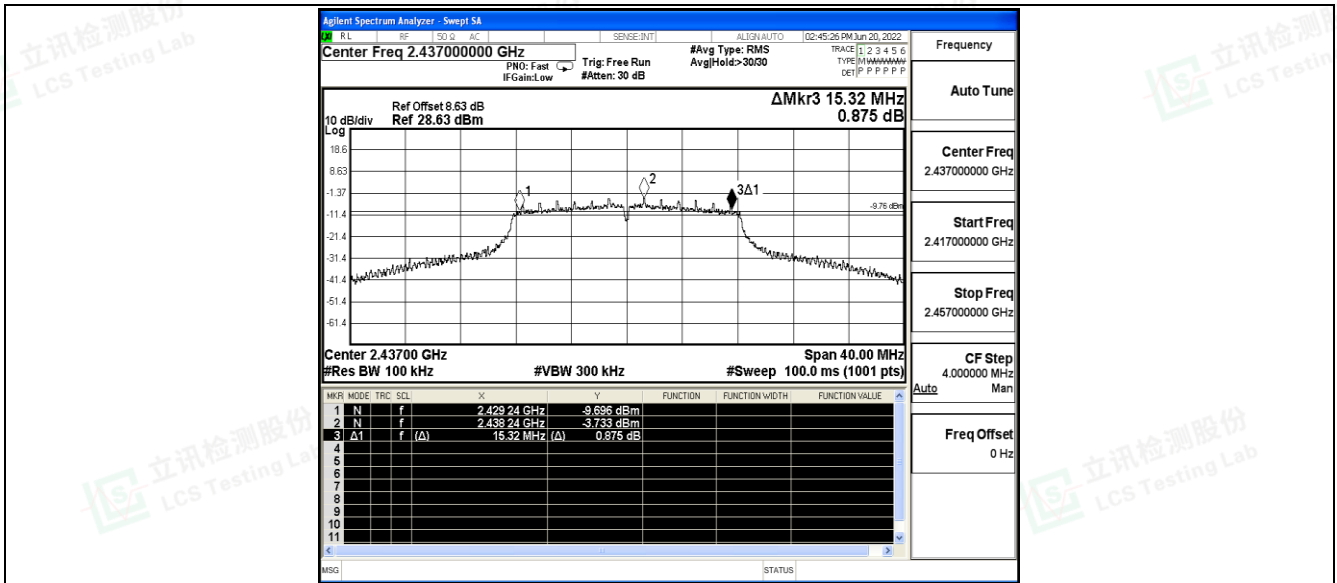


11G_Ant_2412

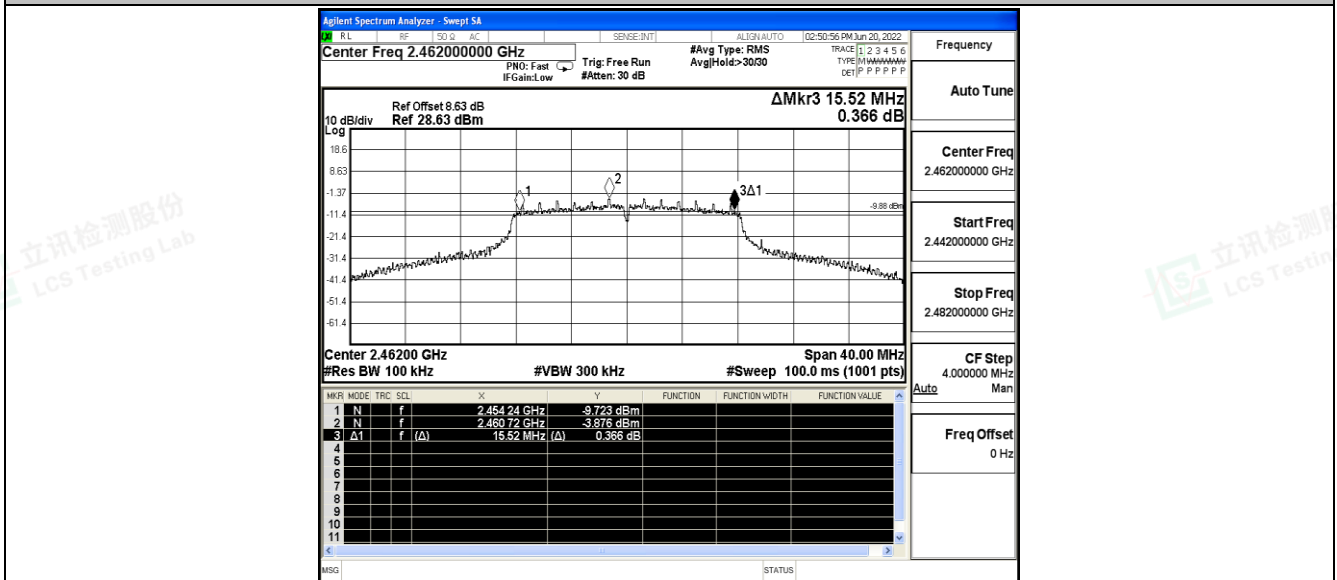


11G_Ant_2437



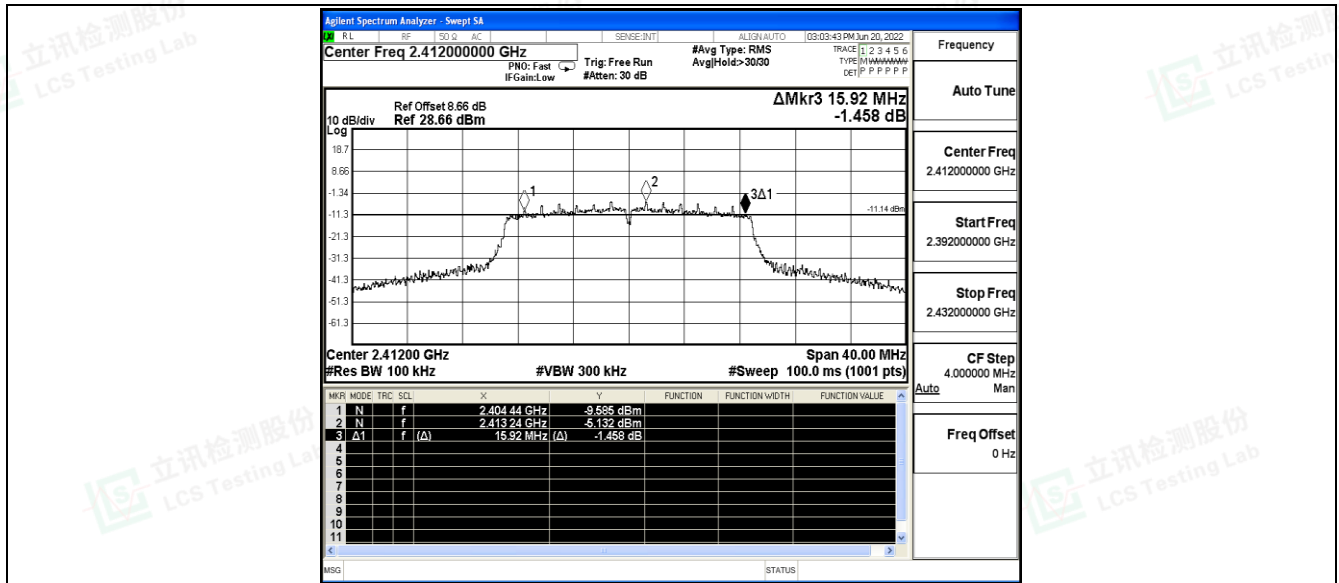


11G_Ant_2462

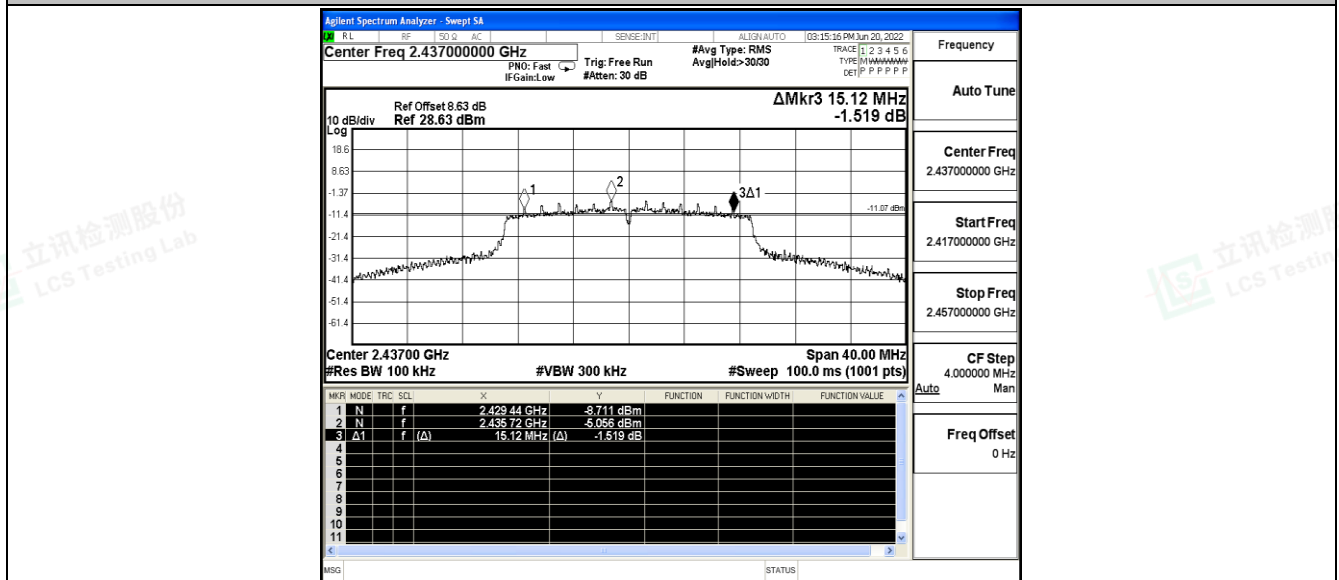


11N20SISO_Ant_2412



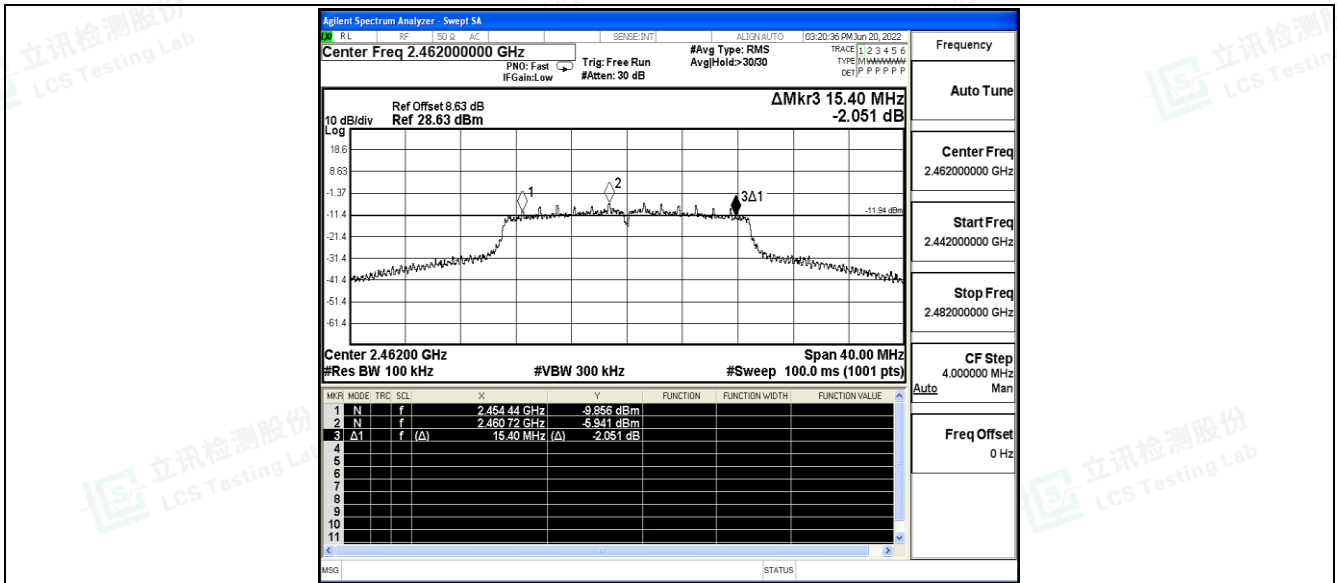


11N20SISO_Ant_2437

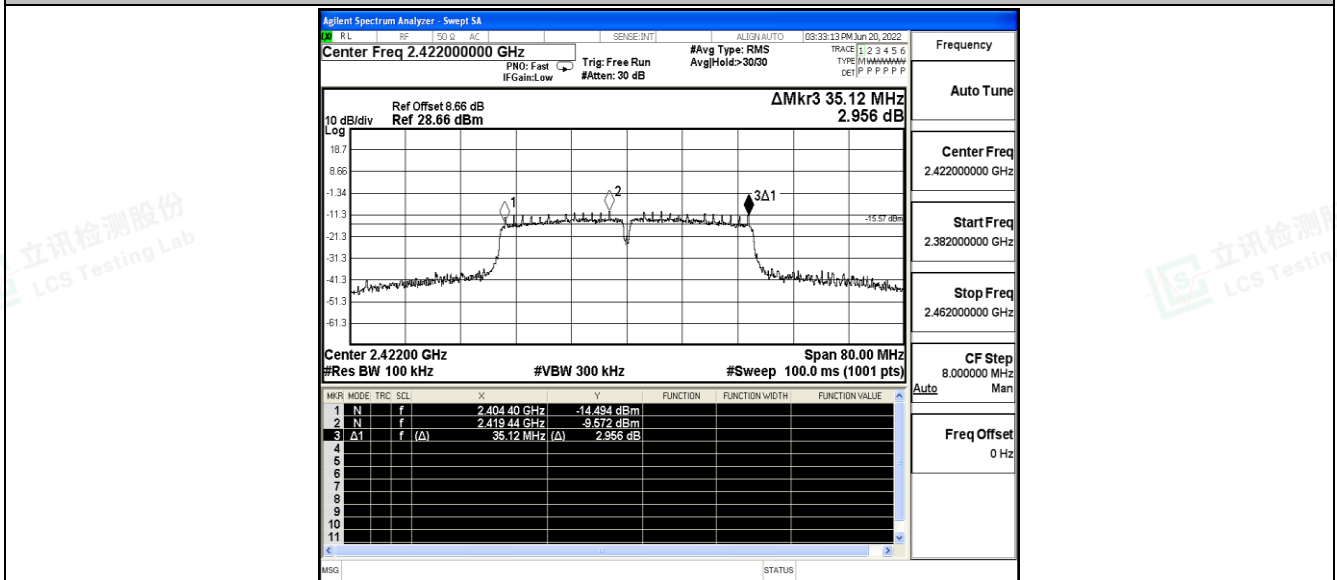


11N20SISO_Ant_2462



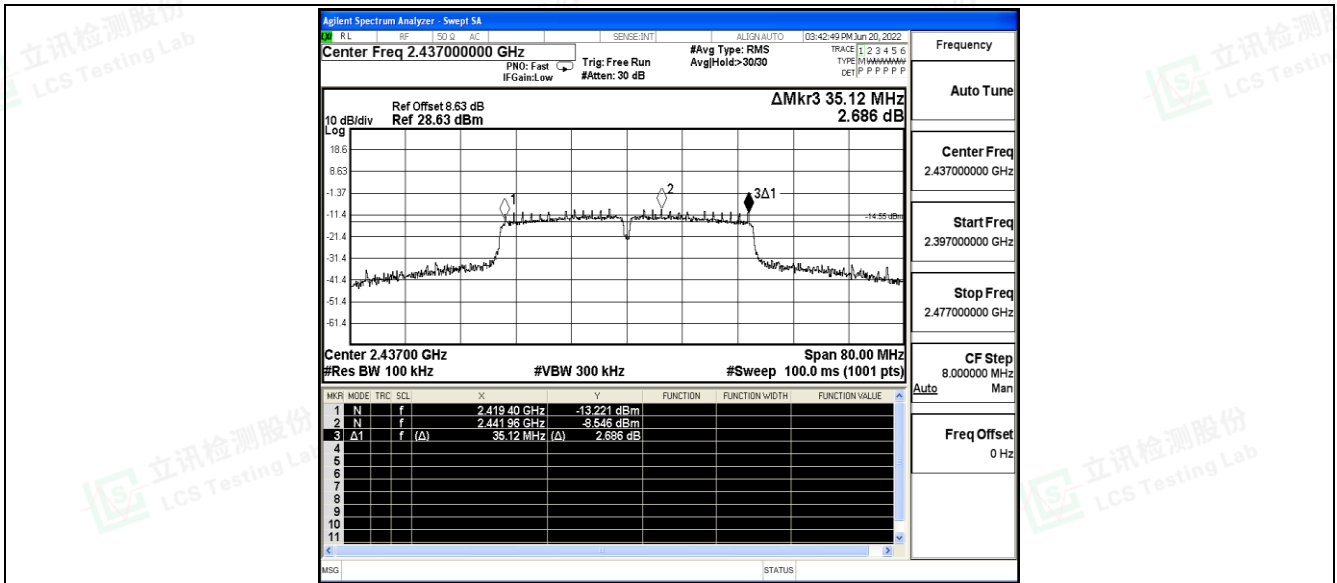


11N40SISO_Ant_2422

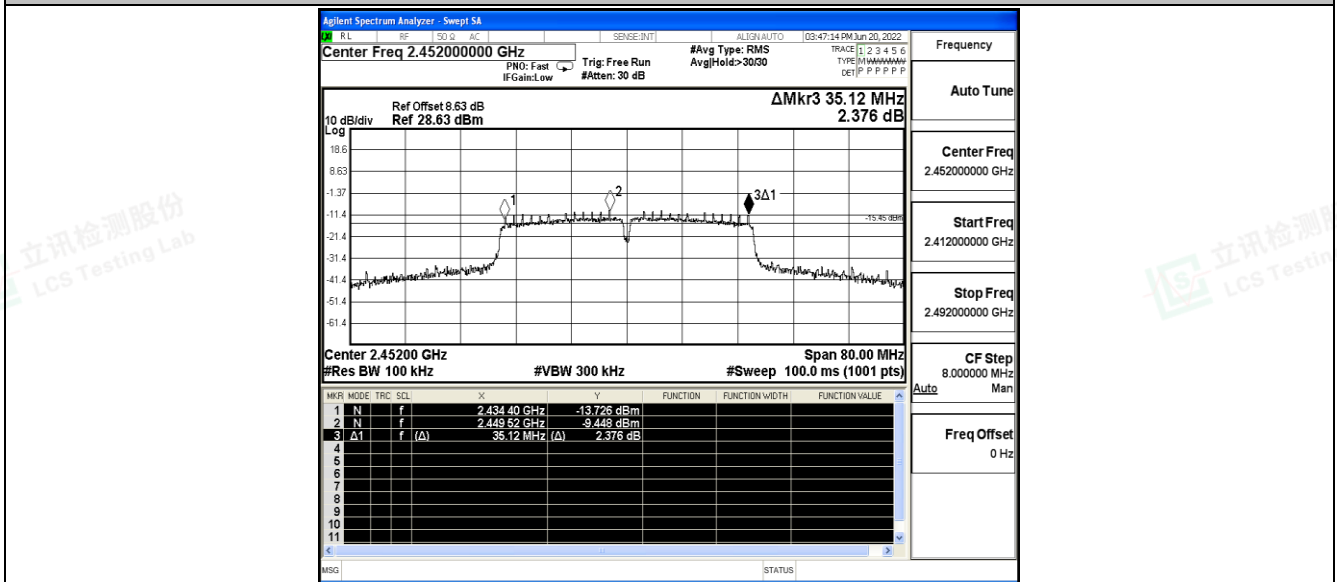


11N40SISO_Ant_2437





11N40SISO_Ant_2452





C.2 Maximum conducted output power

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant	2412	13.42	≤30.00	PASS
		2437	15.76	≤30.00	PASS
		2462	15.03	≤30.00	PASS
11G	Ant	2412	14.56	≤30.00	PASS
		2437	14.74	≤30.00	PASS
		2462	14.27	≤30.00	PASS
11N20SISO	Ant	2412	13.46	≤30.00	PASS
		2437	13.36	≤30.00	PASS
		2462	12.43	≤30.00	PASS
11N40SISO	Ant	2422	12.10	≤30.00	PASS
		2437	12.78	≤30.00	PASS
		2452	12.39	≤30.00	PASS





C.3 Maximum power spectral density

Test Result

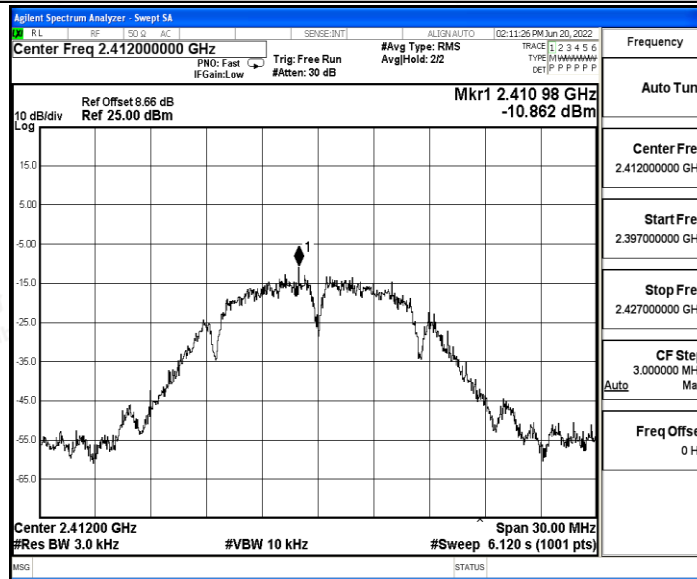
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant	2412	-10.86	≤8.00	PASS
		2437	-10.86	≤8.00	PASS
		2462	-11.8	≤8.00	PASS
11G	Ant	2412	-17.49	≤8.00	PASS
		2437	-17.01	≤8.00	PASS
		2462	-18.59	≤8.00	PASS
11N20SISO	Ant	2412	-18.34	≤8.00	PASS
		2437	-19.33	≤8.00	PASS
		2462	-20.57	≤8.00	PASS
11N40SISO	Ant	2422	-24.07	≤8.00	PASS
		2437	-23.52	≤8.00	PASS
		2452	-24.4	≤8.00	PASS



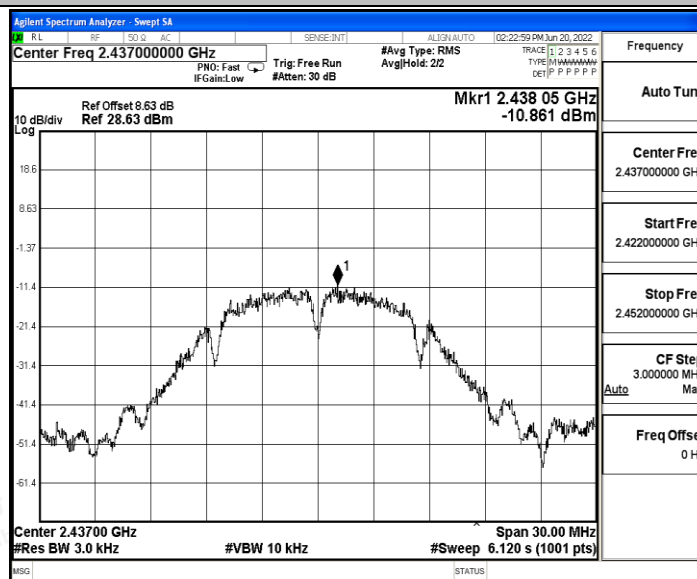


Test Graphs

11B_Ant_2412



11B_Ant_2437

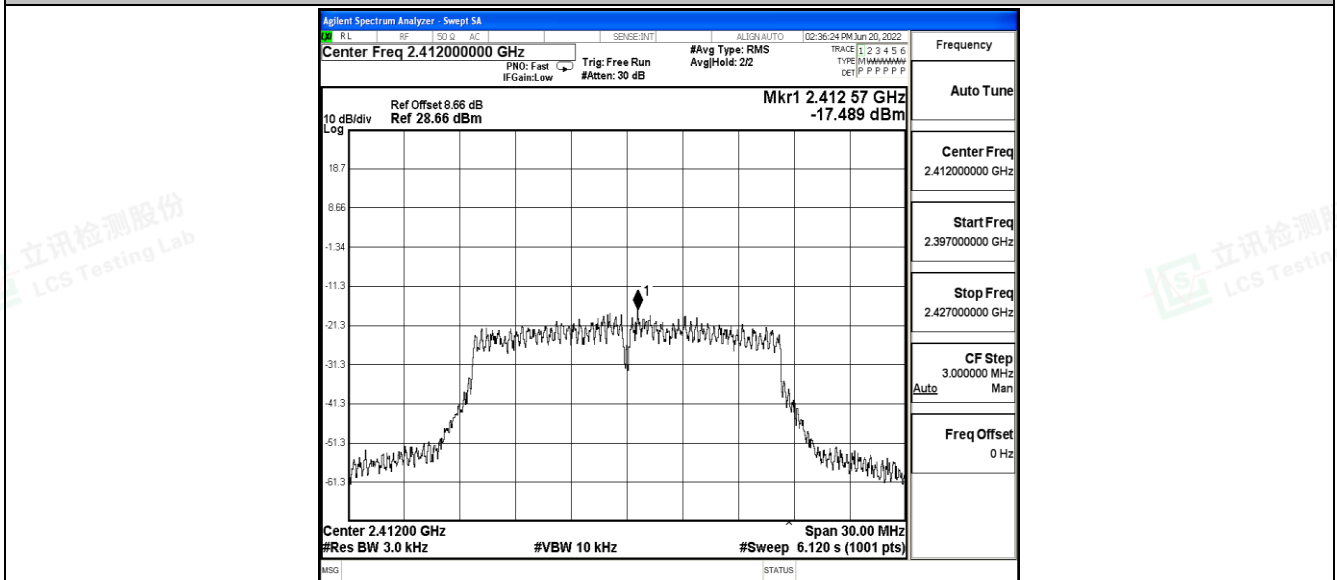


11B_Ant_2462



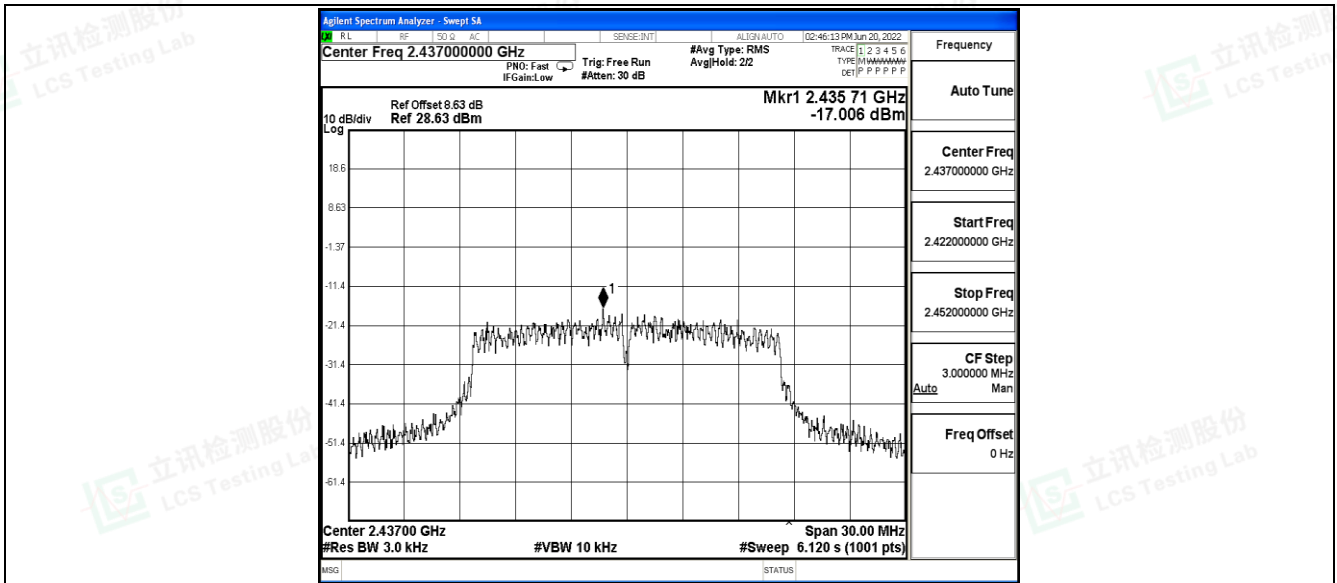


11G_Ant_2412

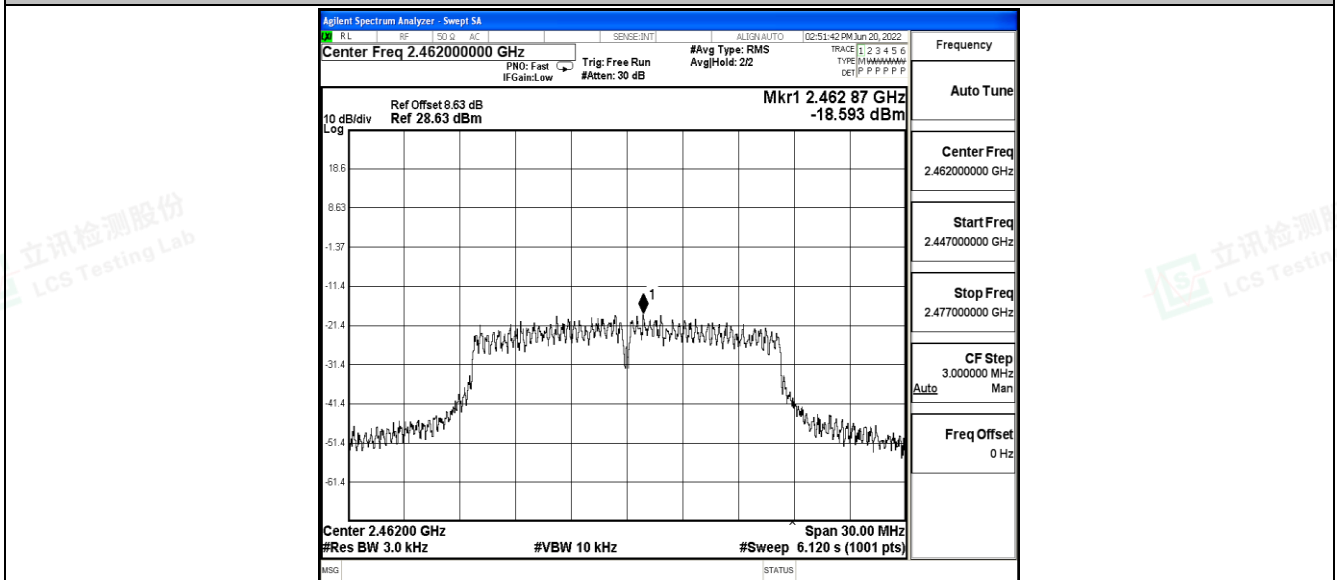


11G_Ant_2437



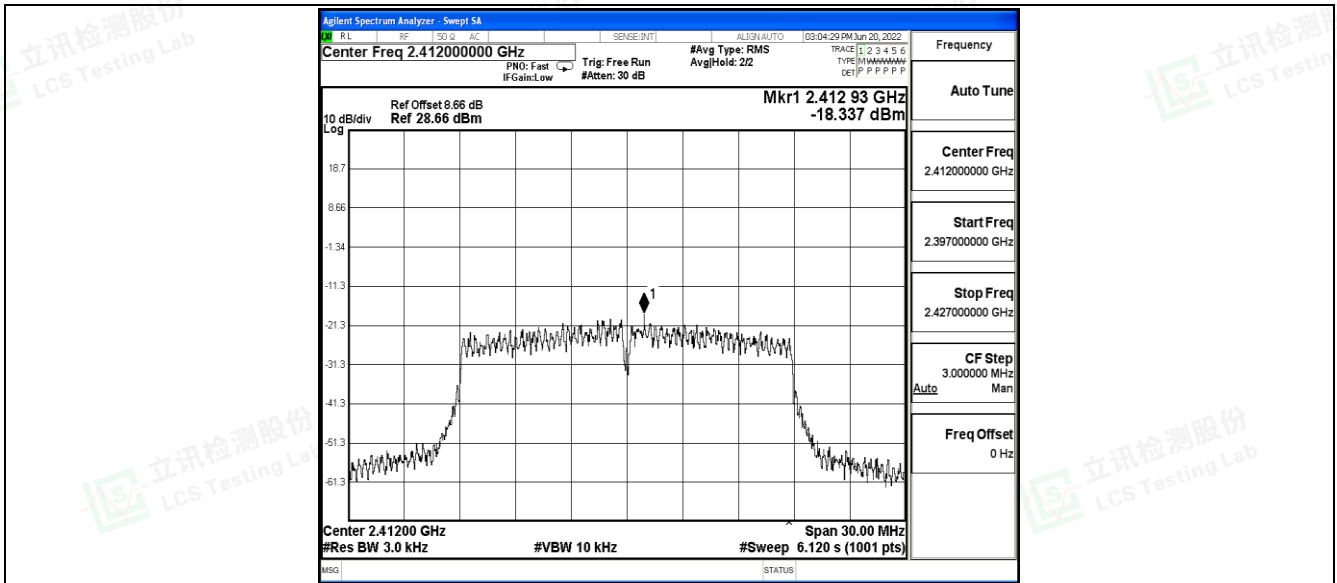


11G_Ant_2462

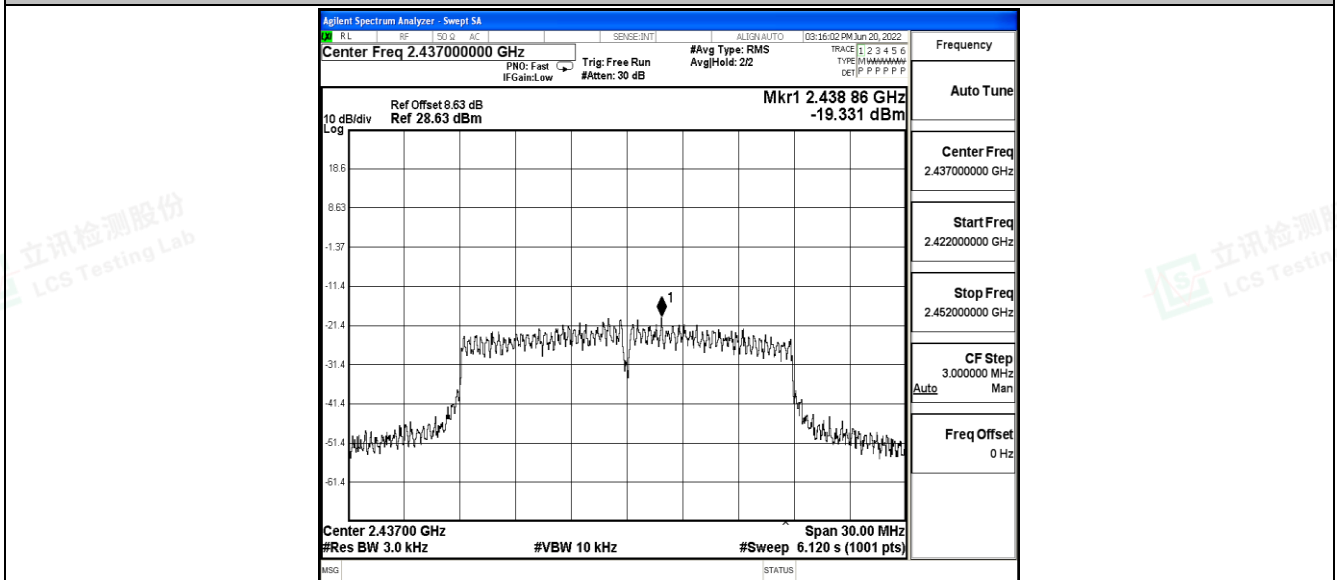


11N20SISO_Ant_2412



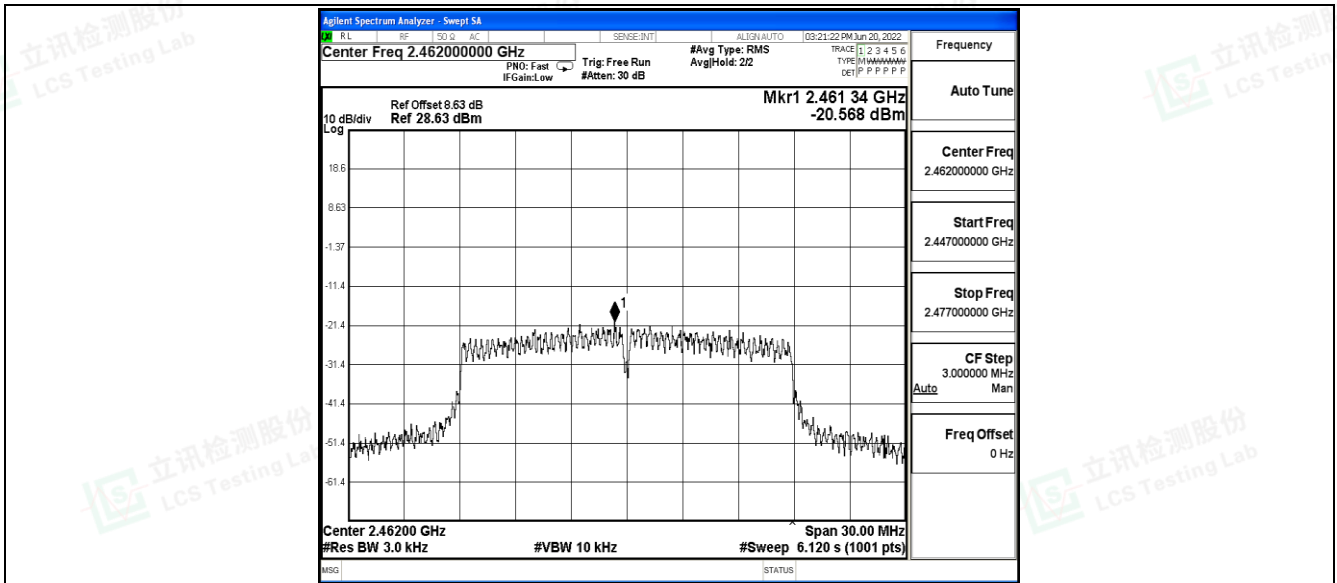


11N20SISO_Ant_2437

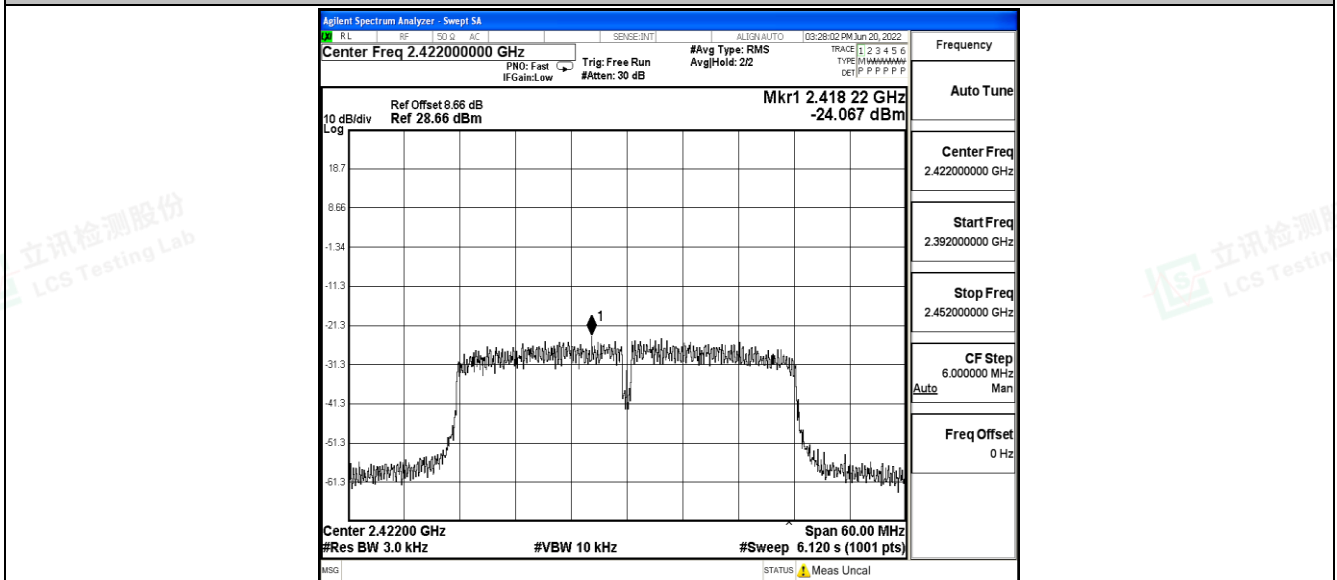


11N20SISO_Ant_2462



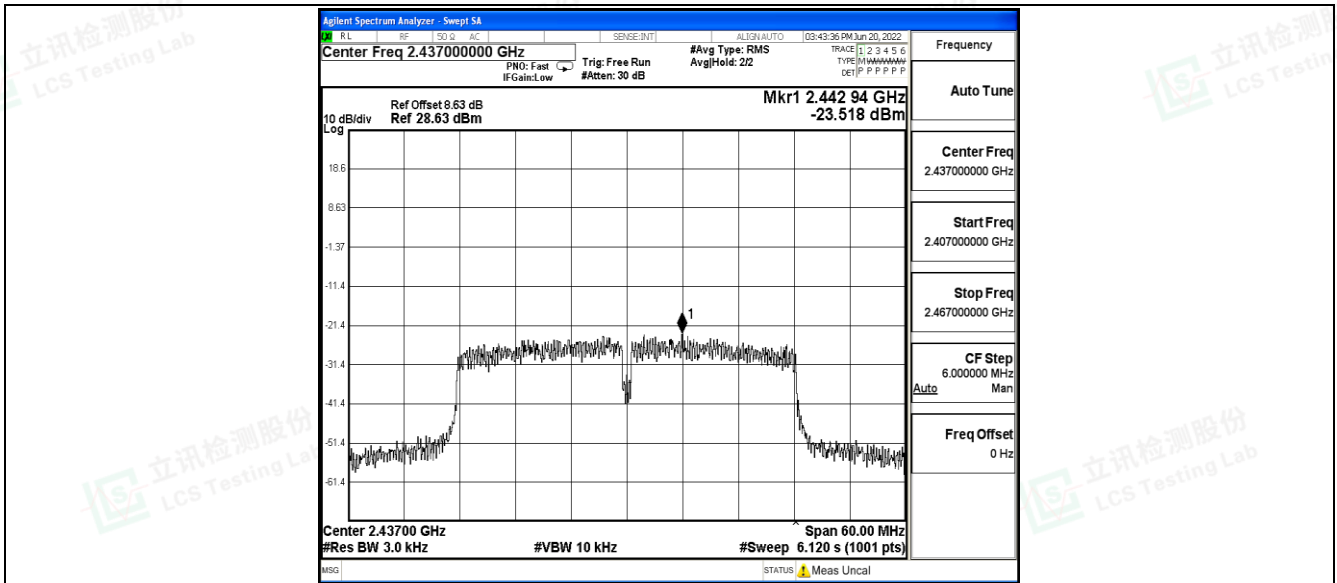


11N40SISO_Ant_2422

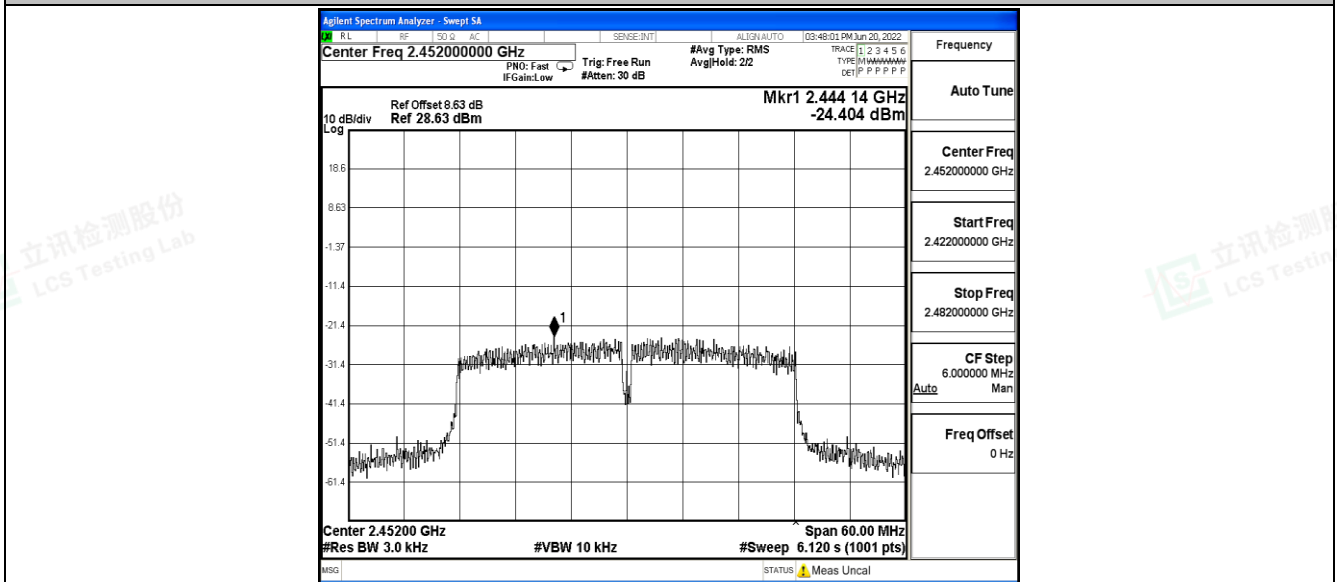


11N40SISO_Ant_2437





11N40SISO_Ant_2452





C.4 Band edge measurements

Test Result

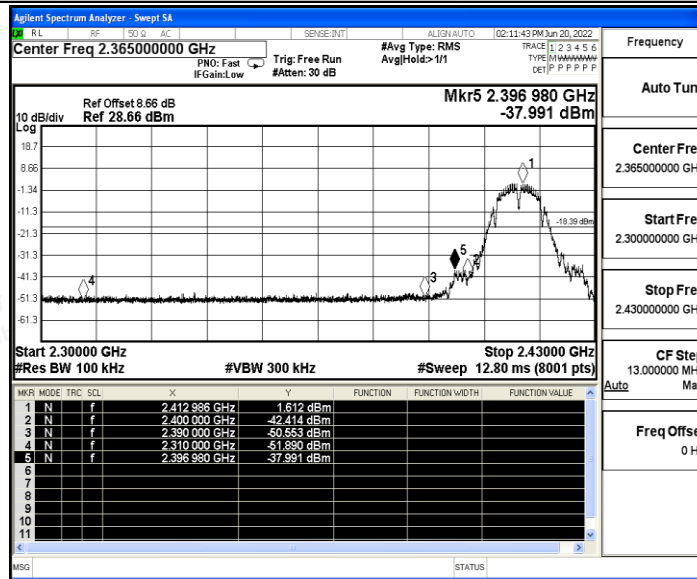
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant	Low	2412	1.61	-37.99	≤ -18.39	PASS
		High	2462	3.18	-44.86	≤ -16.82	PASS
11G	Ant	Low	2412	-3.78	-35.9	≤ -23.78	PASS
		High	2462	-3.38	-42.7	≤ -23.38	PASS
11N20SISO	Ant	Low	2412	-4.46	-35.86	≤ -24.46	PASS
		High	2462	-5.24	-41.64	≤ -25.24	PASS
11N40SISO	Ant	Low	2422	-9.50	-37.87	≤ -29.5	PASS
		High	2452	-9.32	-35.21	≤ -29.32	PASS



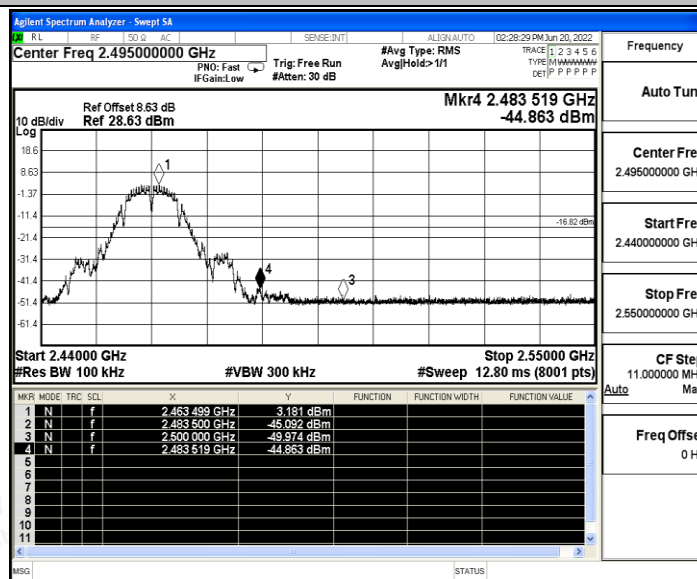


Test Graphs

11B_Ant_Low_2412

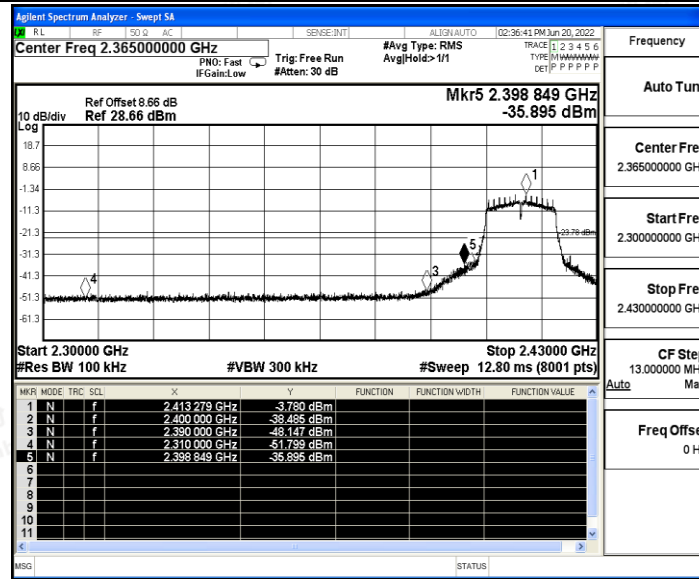


11B_Ant_High_2462

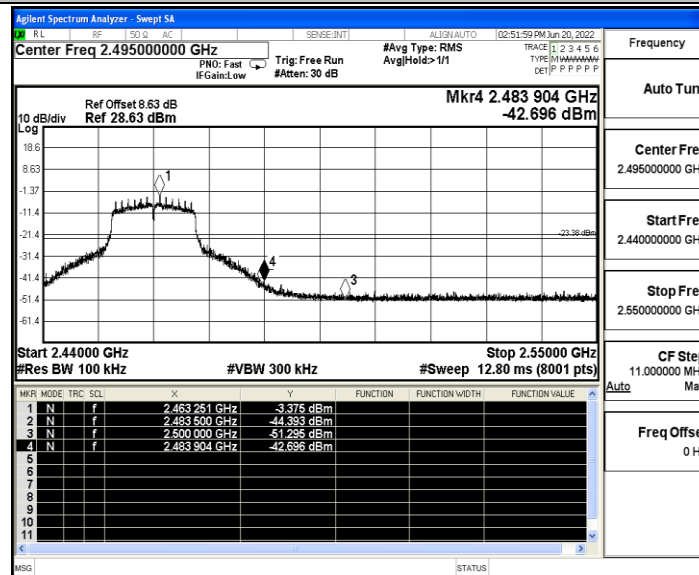


11G_Ant_Low_2412



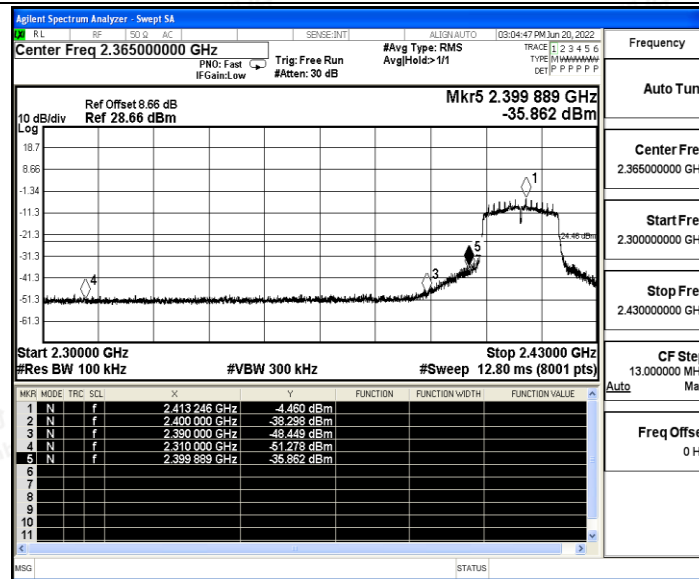


11G_Ant_High_2462

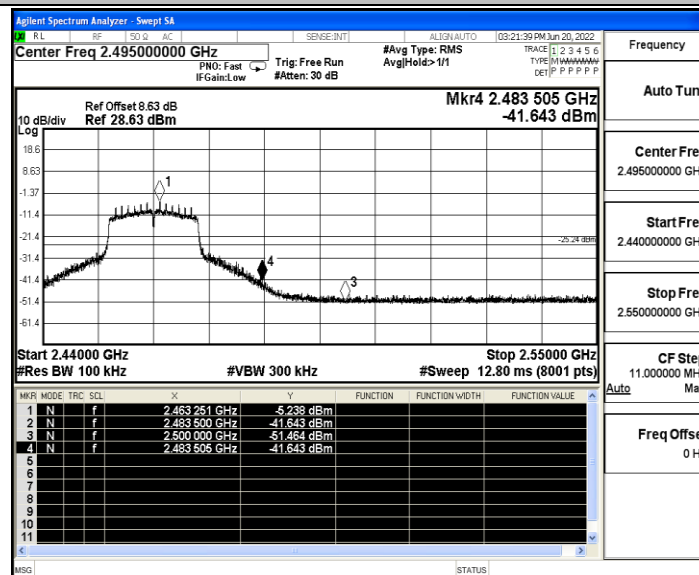


11N20SISO_Ant_Low_2412



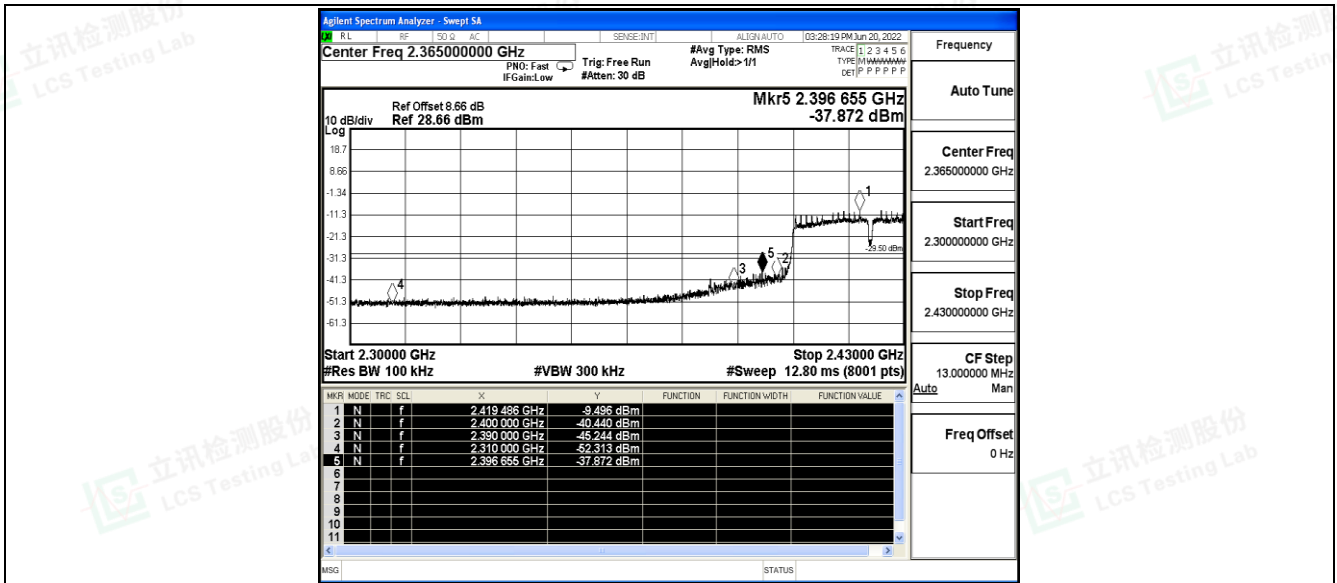


11N20SISO_Ant_High_2462

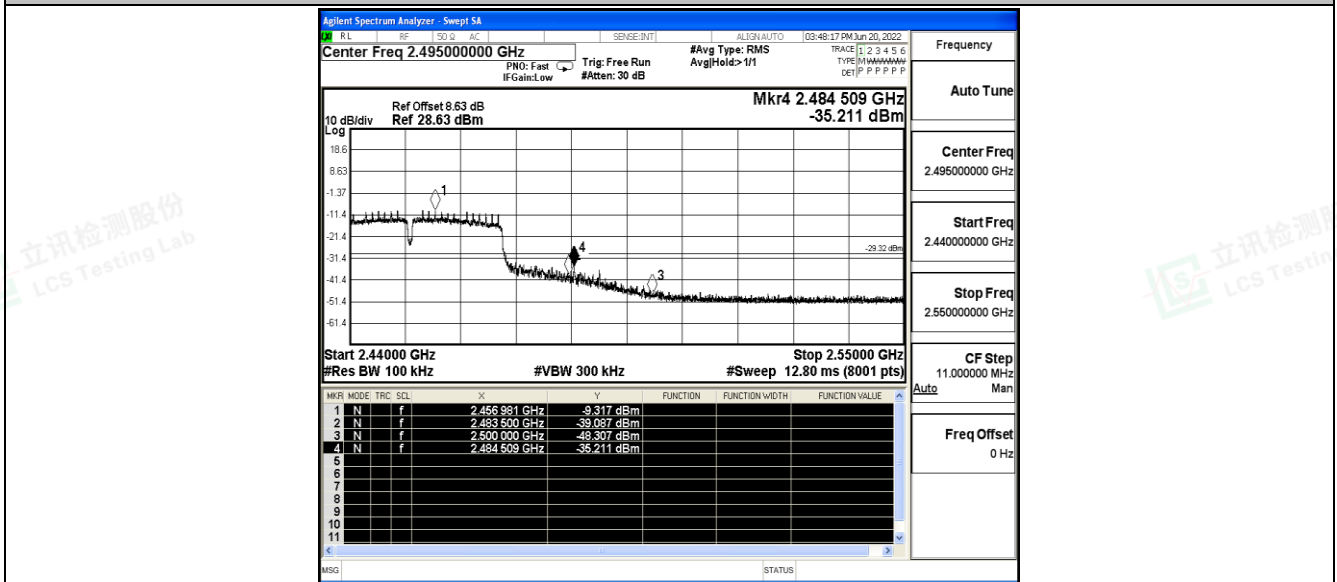


11N40SISO_Ant_Low_2422





11N40SISO_Ant_High_2452





C.5 Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant	2412	Reference	1.64	1.64	---	PASS
			30~1000	1.64	-55.82	≤-18.36	PASS
			1000~26500	1.64	-45.57	≤-18.36	PASS
		2437	Reference	3.93	3.93	---	PASS
			30~1000	3.93	-57.06	≤-16.07	PASS
			1000~26500	3.93	-45.52	≤-16.07	PASS
		2462	Reference	3.19	3.19	---	PASS
			30~1000	3.19	-58.5	≤-16.81	PASS
			1000~26500	3.19	-45.91	≤-16.81	PASS
11G	Ant	2412	Reference	-3.40	-3.40	---	PASS
			30~1000	-3.40	-58.99	≤-23.4	PASS
			1000~26500	-3.40	-45.71	≤-23.4	PASS
		2437	Reference	-3.14	-3.14	---	PASS
			30~1000	-3.14	-42.83	≤-23.14	PASS
			1000~26500	-3.14	-45.98	≤-23.14	PASS
		2462	Reference	-3.20	-3.20	---	PASS
			30~1000	-3.20	-47.86	≤-23.2	PASS
			1000~26500	-3.20	-46.44	≤-23.2	PASS
11N20SISO	Ant	2412	Reference	-4.52	-4.52	---	PASS
			30~1000	-4.52	-35.2	≤-24.52	PASS
			1000~26500	-4.52	-45.9	≤-24.52	PASS
		2437	Reference	-4.52	-4.52	---	PASS
			30~1000	-4.52	-48.66	≤-24.52	PASS
			1000~26500	-4.52	-46.08	≤-24.52	PASS
		2462	Reference	-5.57	-5.57	---	PASS
			30~1000	-5.57	-32.31	≤-25.57	PASS
			1000~26500	-5.57	-45.92	≤-25.57	PASS
11N40SISO	Ant	2422	Reference	-9.60	-9.60	---	PASS
			30~1000	-9.60	-58.11	≤-29.6	PASS
			1000~26500	-9.60	-45.41	≤-29.6	PASS
		2437	Reference	-8.50	-8.50	---	PASS
			30~1000	-8.50	-57.28	≤-28.5	PASS
			1000~26500	-8.50	-46.1	≤-28.5	PASS
		2452	Reference	-9.29	-9.29	---	PASS
			30~1000	-9.29	-47.9	≤-29.29	PASS





			1000~26500	-9.29	-45.83	≤-29.29	PASS
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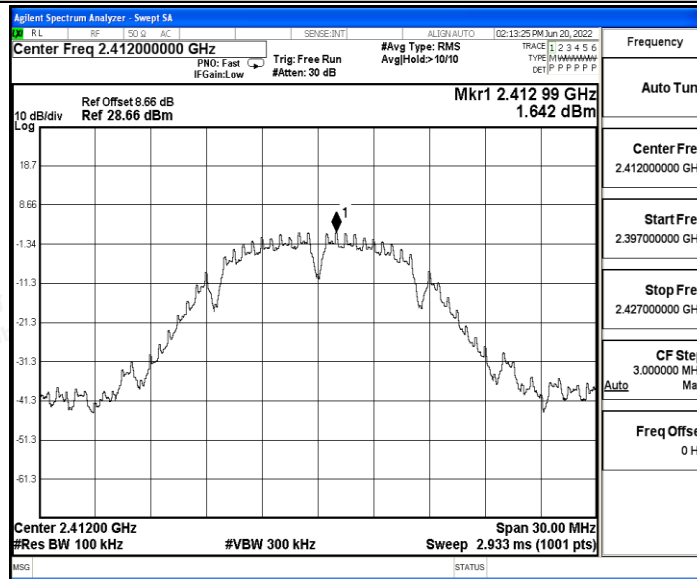


Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

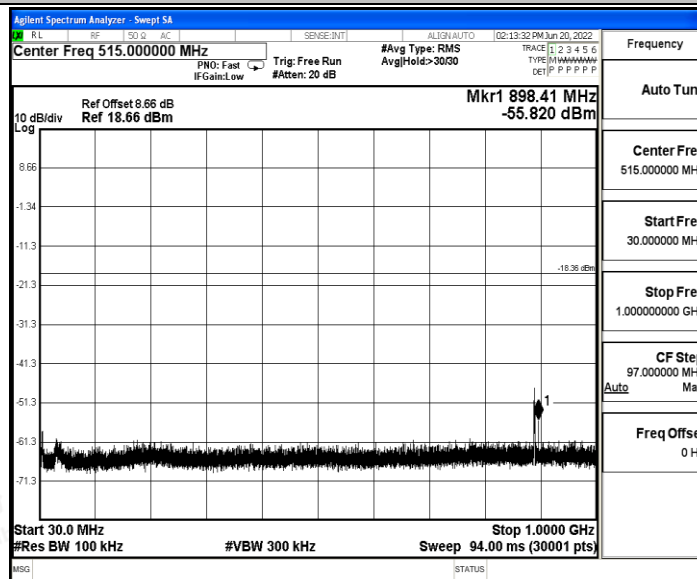


Test Graphs

11B_Ant_2412_0~Reference

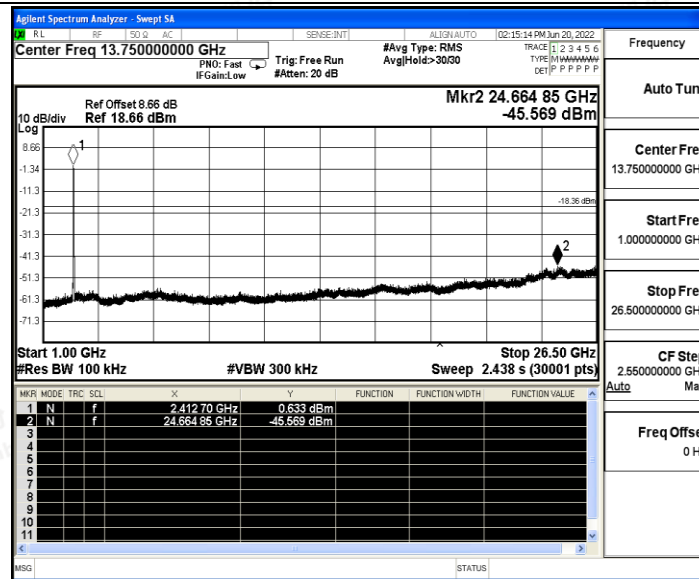


11B_Ant_2412_30~1000

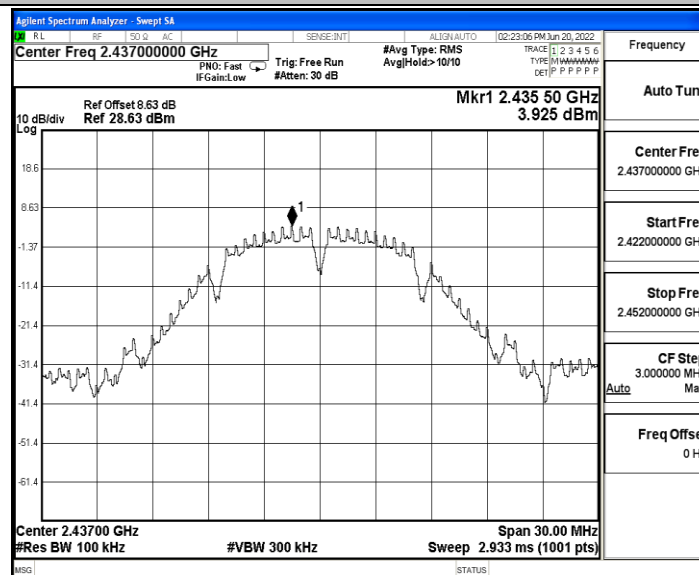


11B_Ant_2412_1000~26500



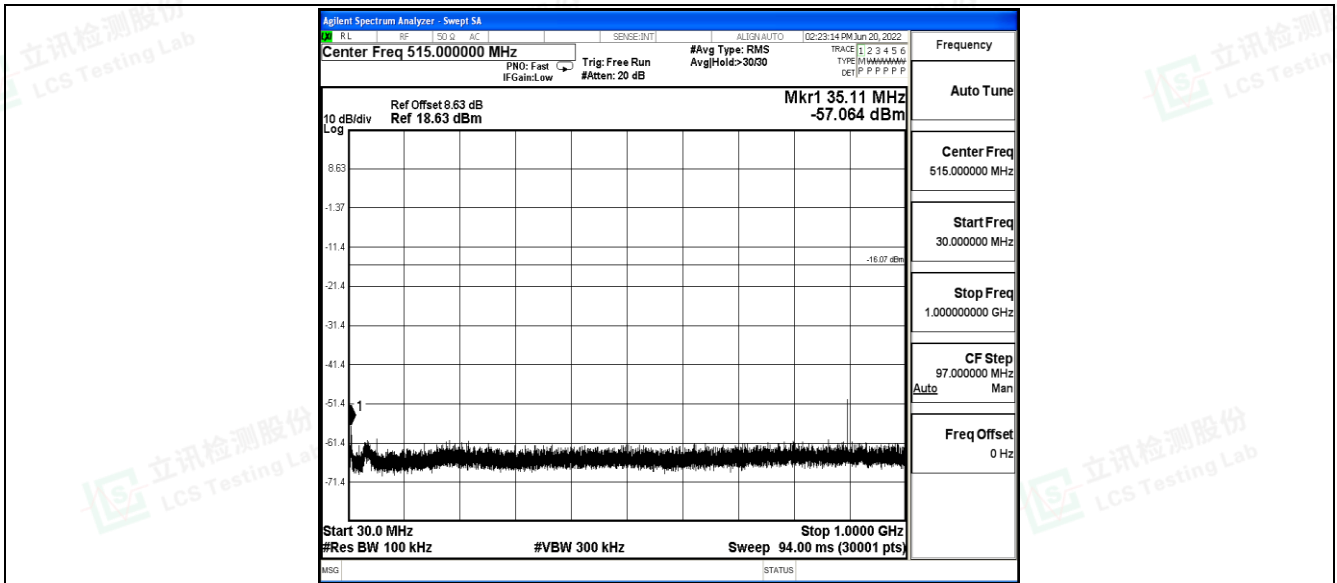


11B_Ant_2437_0~Reference

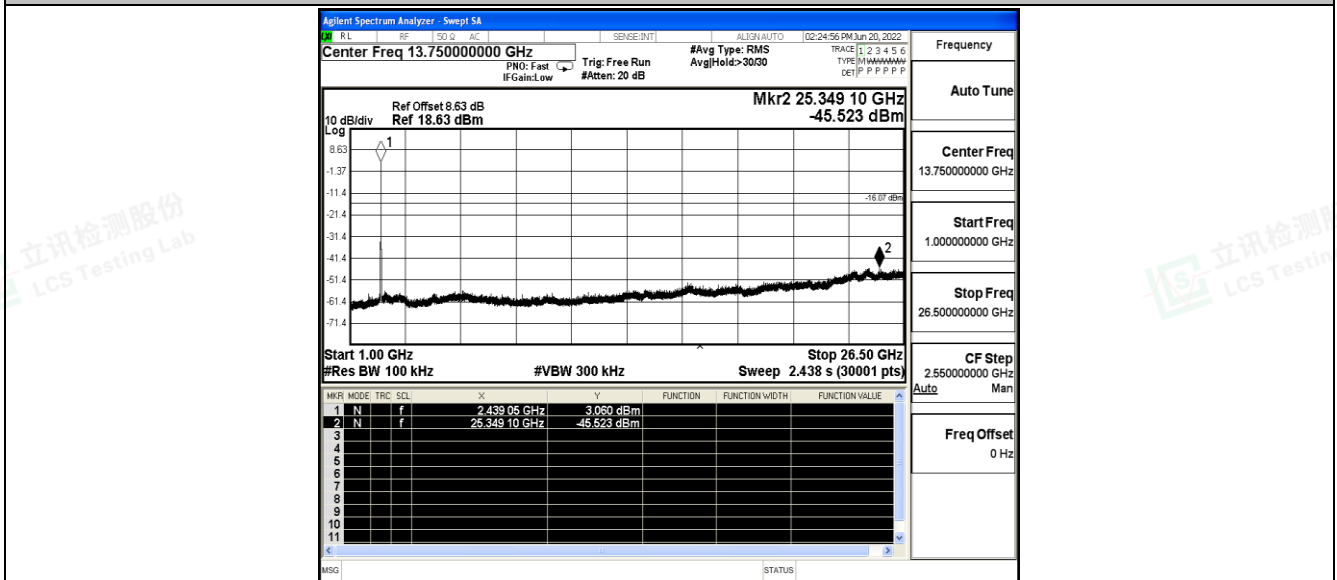


11B_Ant_2437_30~1000



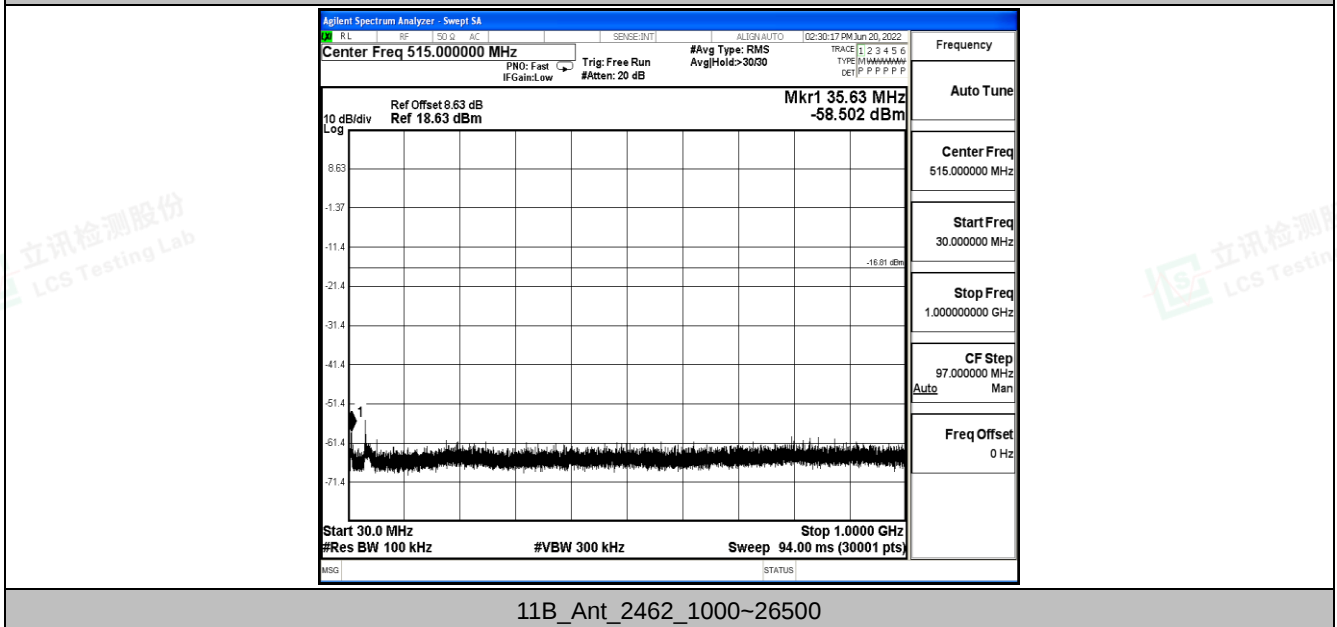
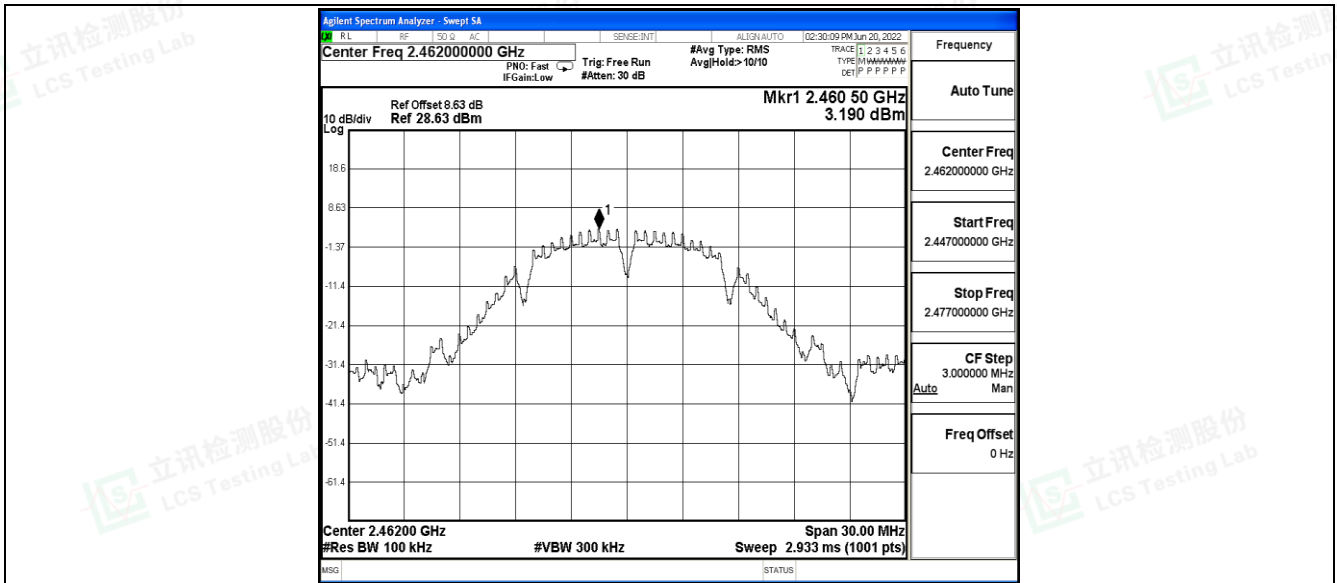


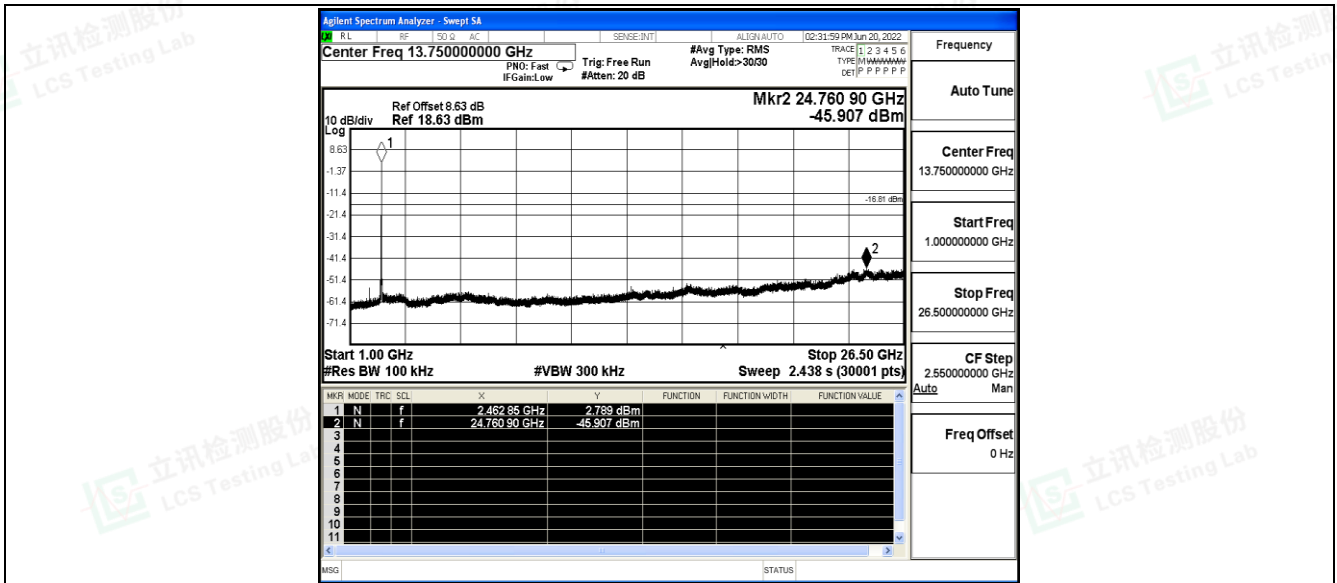
11B_Ant_2437_1000~26500



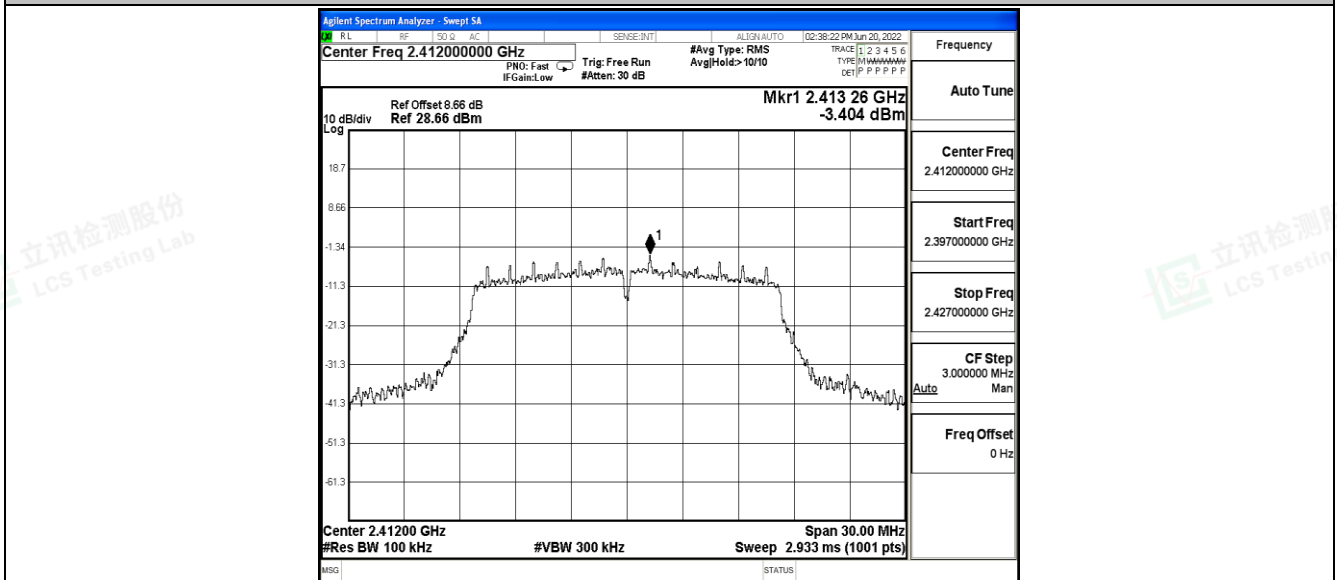
11B_Ant_2462_0~Reference





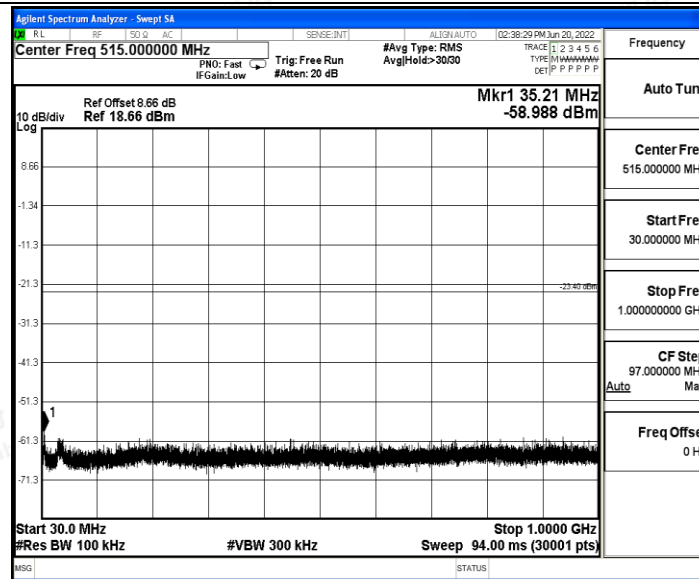


11G_Ant_2412_0~Reference

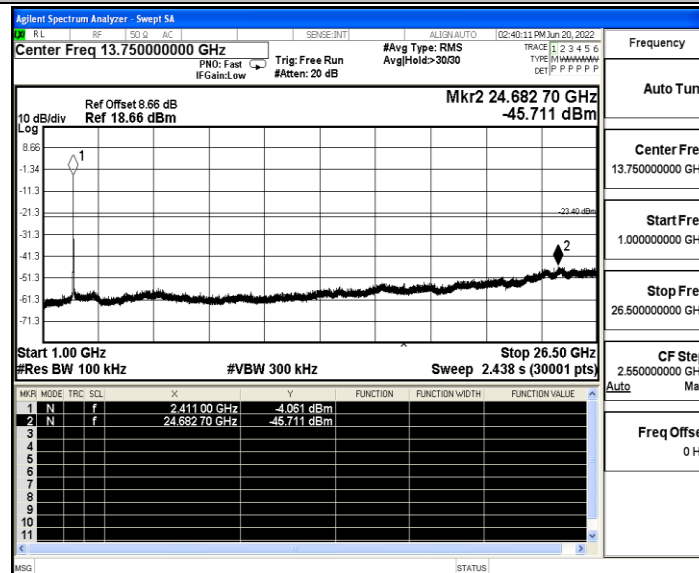


11G_Ant_2412_30~1000





11G_Ant_2412_1000~26500



11G_Ant_2437_0~Reference



