



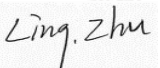
Appendix C

RF Test Data for 2.4G WIFI (Conducted Measurement)

Product Name: TABLET PC

Test Model: PicassoTab X

Environmental Conditions

Temperature:	23.8 ° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	 Mening Su
Supervised by:	 Ling Zhu





C.1 DTS Bandwidth

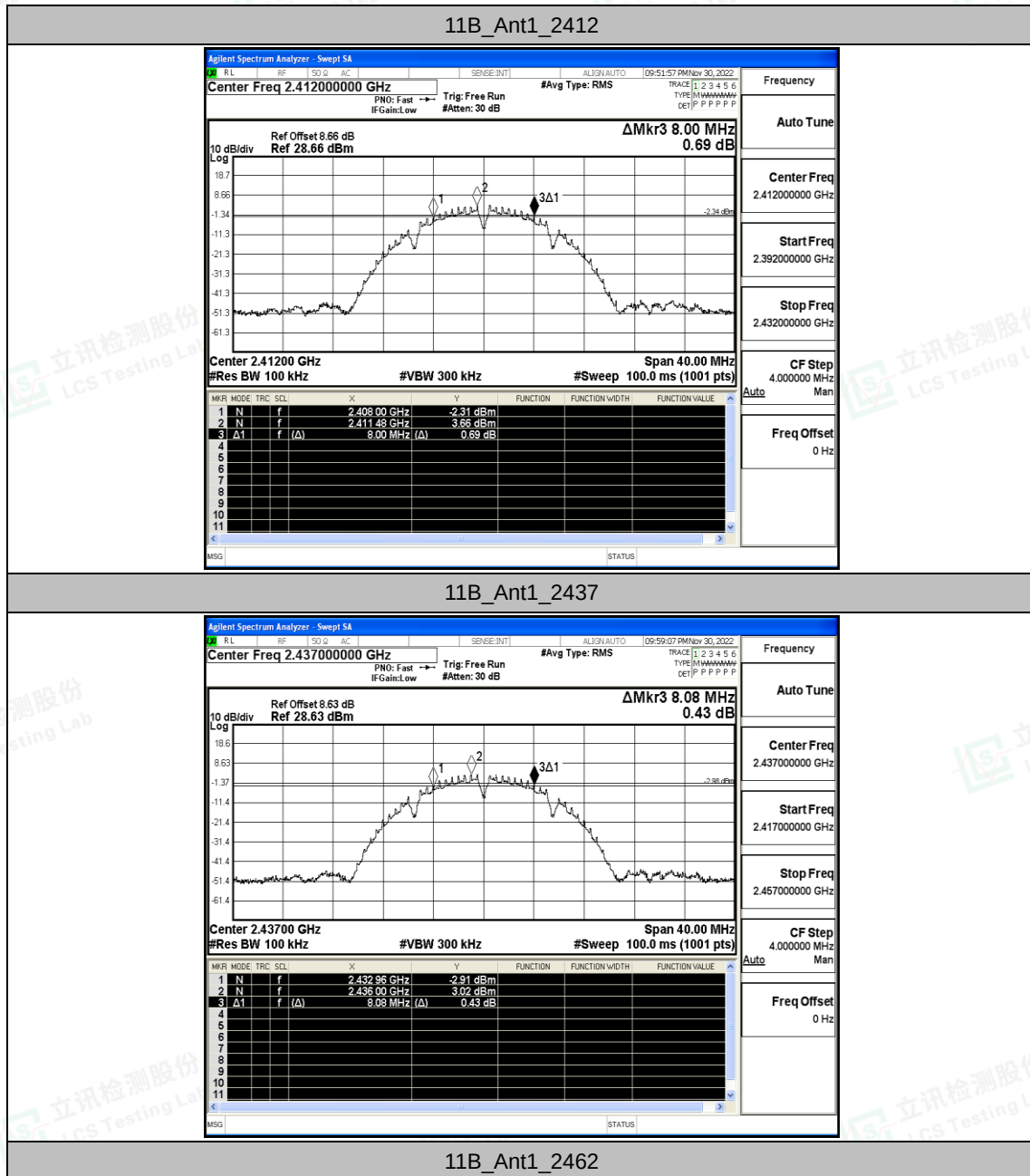
Test Result

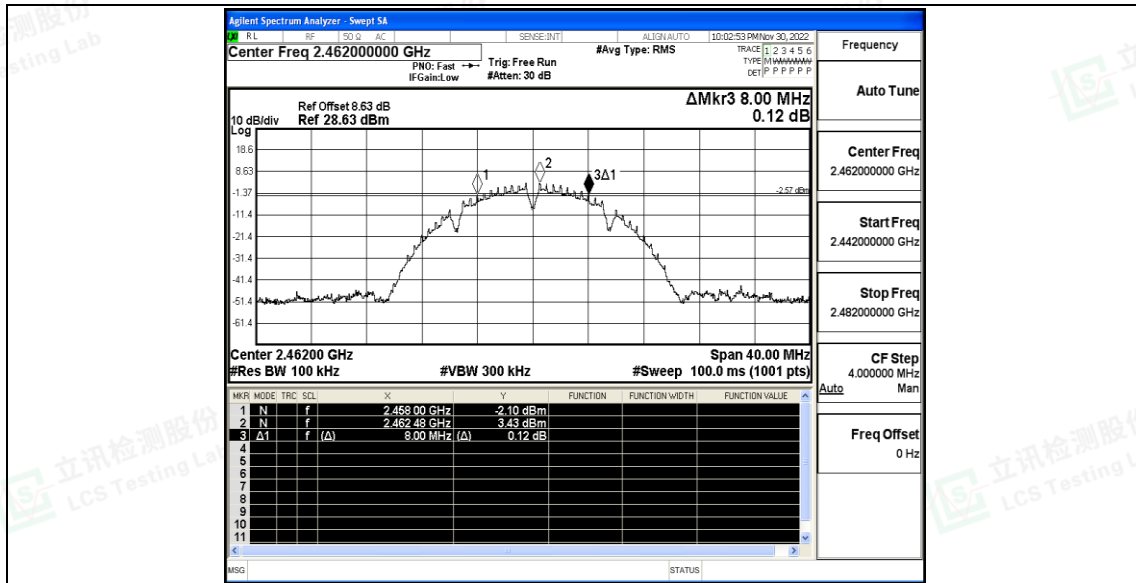
TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.000	2408.000	2416.000	0.5	PASS
		2437	8.080	2432.960	2441.040	0.5	PASS
		2462	8.000	2458.000	2466.000	0.5	PASS
11G	Ant1	2412	15.320	2404.440	2419.760	0.5	PASS
		2437	15.040	2429.480	2444.520	0.5	PASS
		2462	15.080	2454.440	2469.520	0.5	PASS
11N20SISO	Ant1	2412	15.120	2404.440	2419.560	0.5	PASS
		2437	15.120	2429.440	2444.560	0.5	PASS
		2462	15.400	2454.480	2469.880	0.5	PASS
11N40SISO	Ant1	2422	35.040	2404.480	2439.520	0.5	PASS
		2437	35.040	2419.480	2454.520	0.5	PASS
		2452	35.040	2434.480	2469.520	0.5	PASS



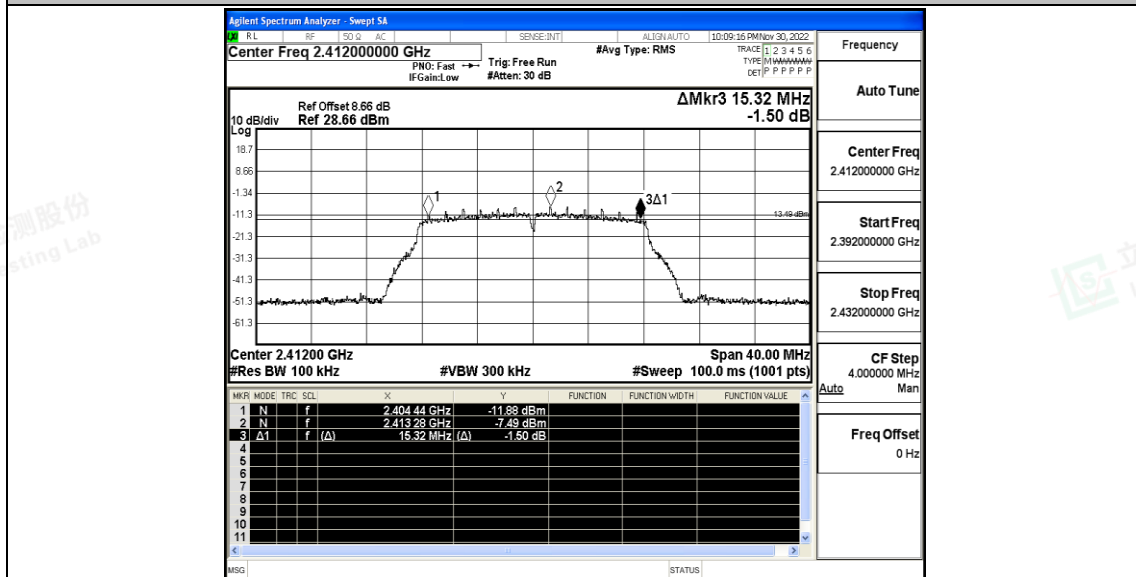


Test Graphs



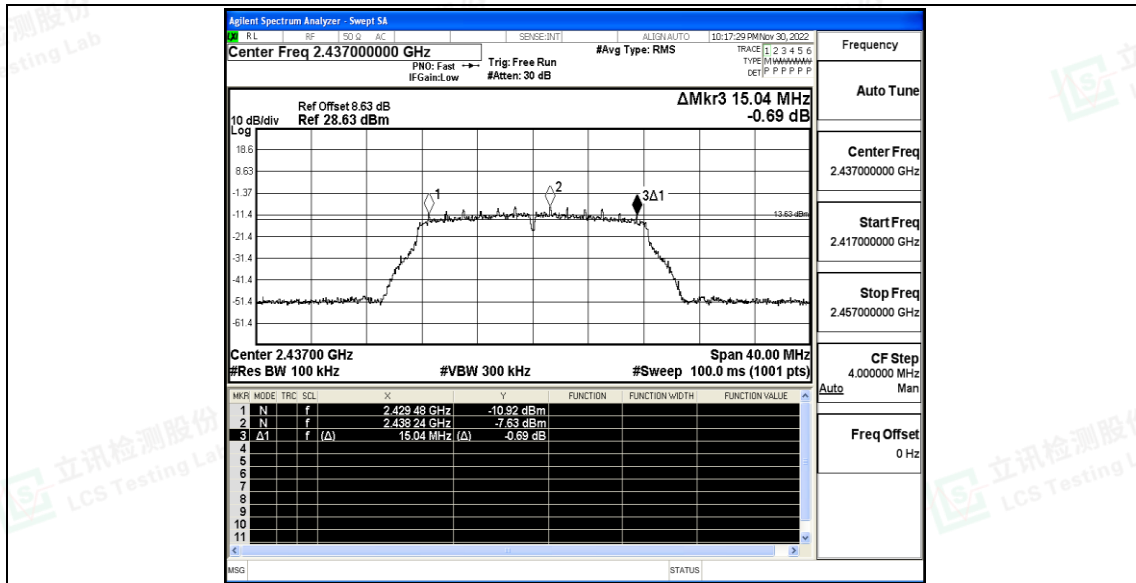


11G_Ant1_2412

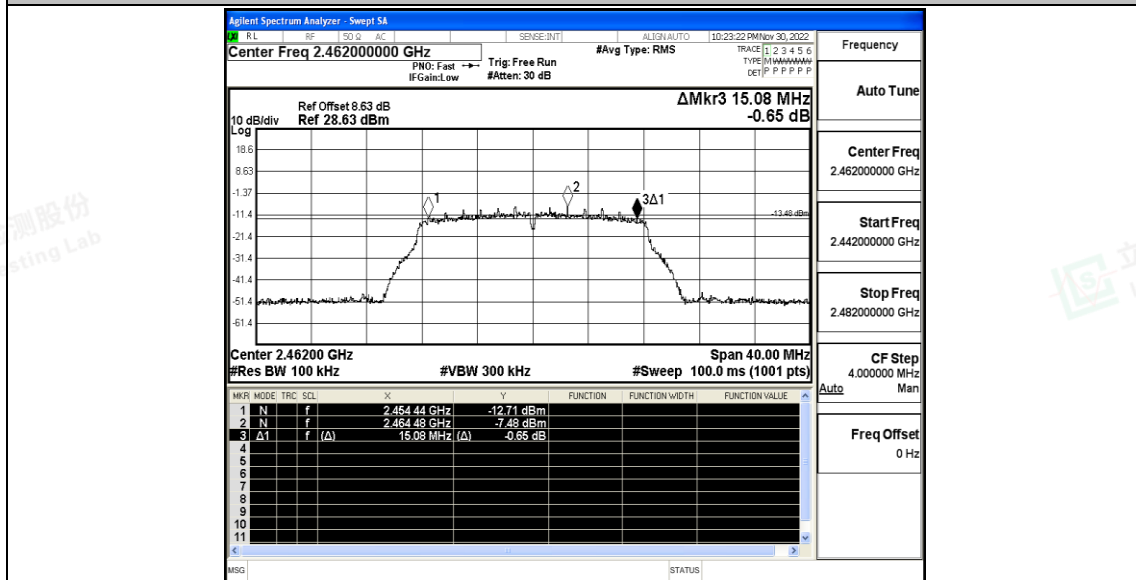


11G_Ant1_2437



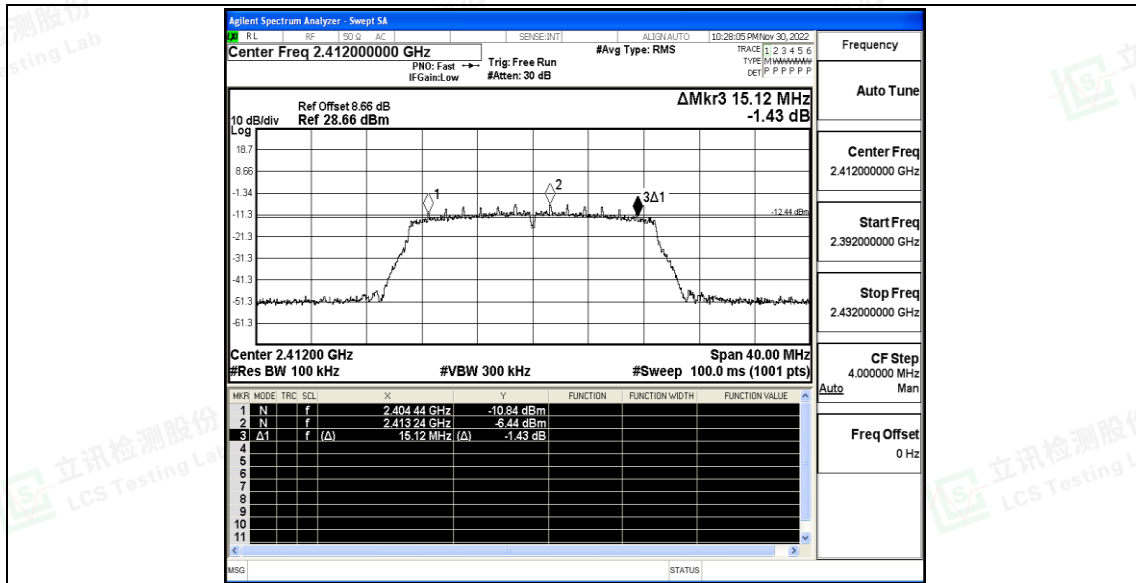


11G_Ant1_2462

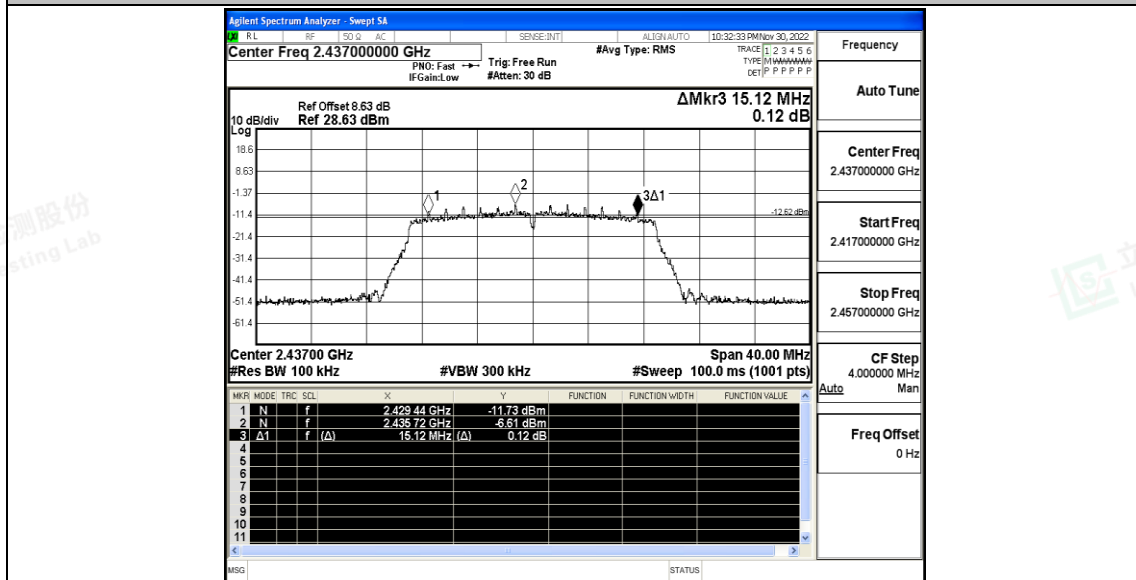


11N20SISO_Ant1_2412



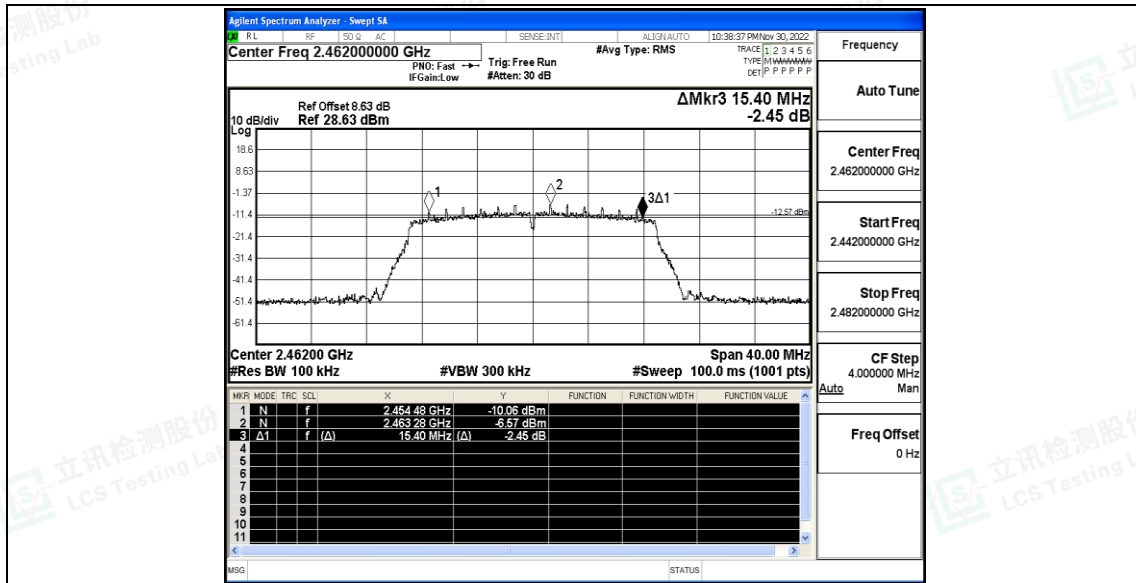


11N20SISO_Ant1_2437

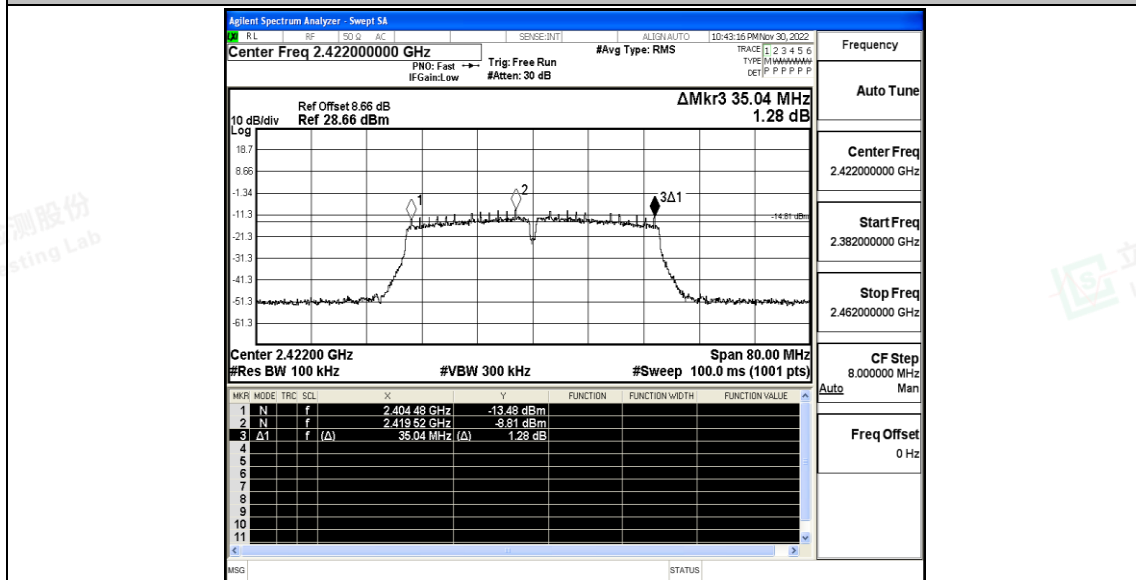


11N20SISO_Ant1_2462





11N40SISO_Ant1_2422



11N40SISO_Ant1_2437





Shenzhen LCS Compliance Testing Laboratory Ltd.
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



C.2 Maximum conducted output power

Test Result

TestMode	Antenna	Freq(MHz)	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	14.65	≤30.00	PASS
		2437	14.36	≤30.00	PASS
		2462	14.20	≤30.00	PASS
11G	Ant1	2412	11.24	≤30.00	PASS
		2437	11.23	≤30.00	PASS
		2462	11.31	≤30.00	PASS
11N20SISO	Ant1	2412	12.11	≤30.00	PASS
		2437	11.97	≤30.00	PASS
		2462	12.09	≤30.00	PASS
11N40SISO	Ant1	2422	12.61	≤30.00	PASS
		2437	12.53	≤30.00	PASS
		2452	12.30	≤30.00	PASS





C.3 Maximum power spectral density

Test Result

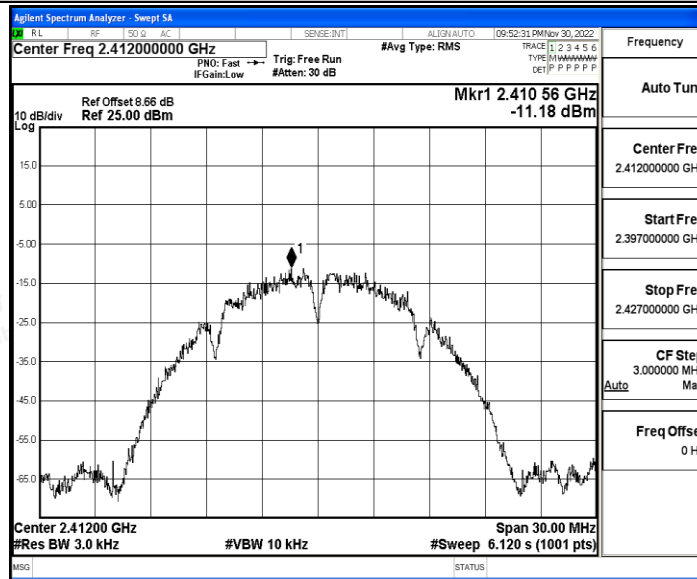
TestMode	Antenna	Freq(MHz)	Result [dBm/3-100kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-11.18	≤8.00	PASS
		2437	-11.97	≤8.00	PASS
		2462	-12.05	≤8.00	PASS
11G	Ant1	2412	-21.85	≤8.00	PASS
		2437	-21	≤8.00	PASS
		2462	-21.67	≤8.00	PASS
11N20SISO	Ant1	2412	-21.14	≤8.00	PASS
		2437	-20.71	≤8.00	PASS
		2462	-20.02	≤8.00	PASS
11N40SISO	Ant1	2422	-23.93	≤8.00	PASS
		2437	-23.27	≤8.00	PASS
		2452	-23.33	≤8.00	PASS



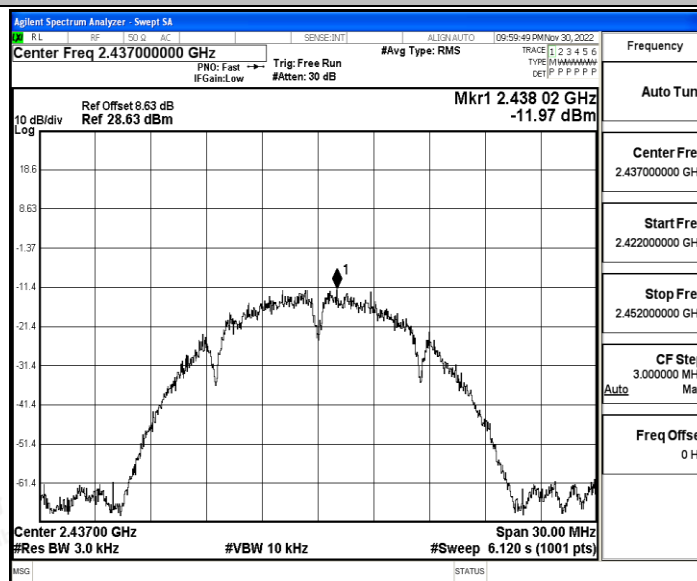


Test Graphs

11B_Ant1_2412

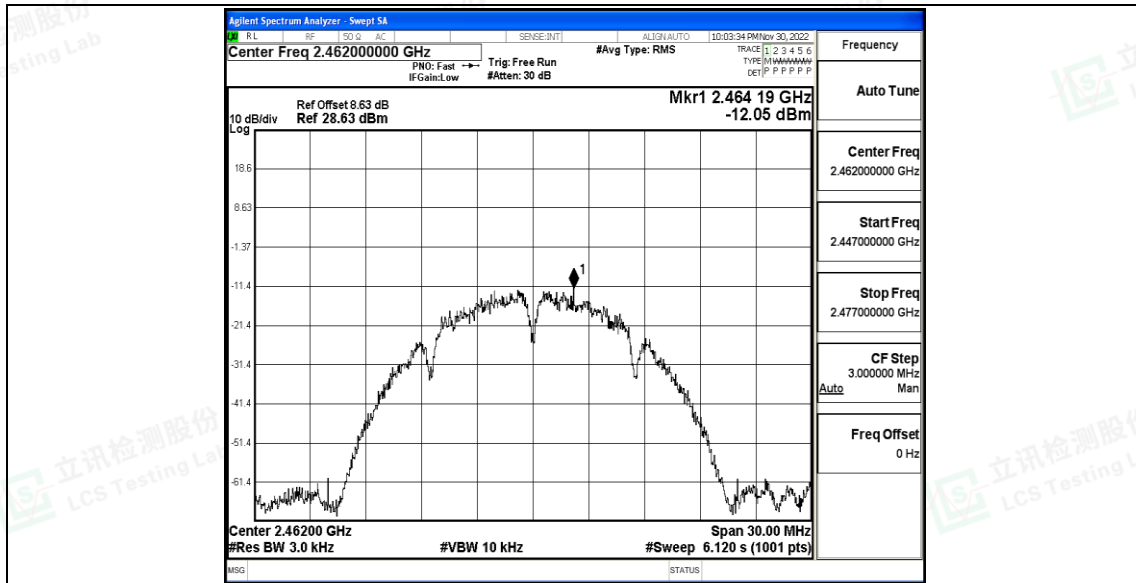


11B_Ant1_2437

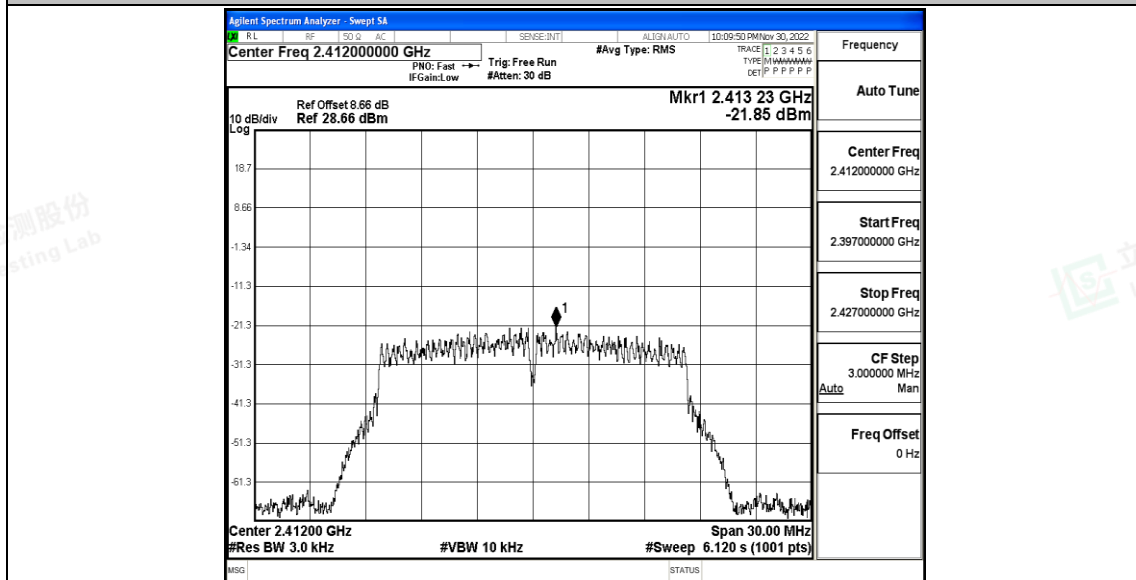


11B_Ant1_2462



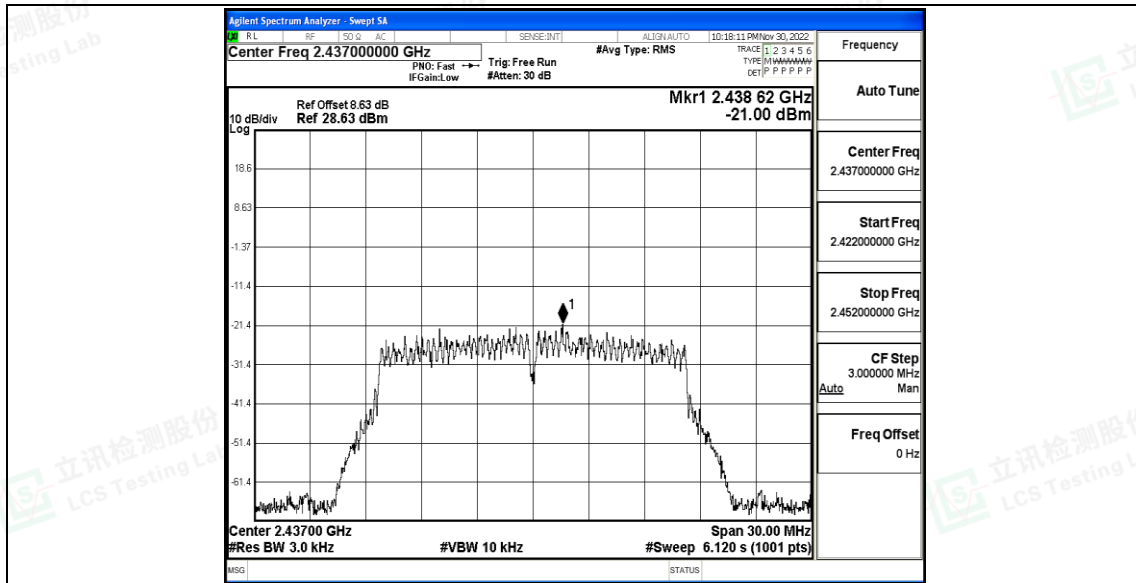


11G_Ant1_2412

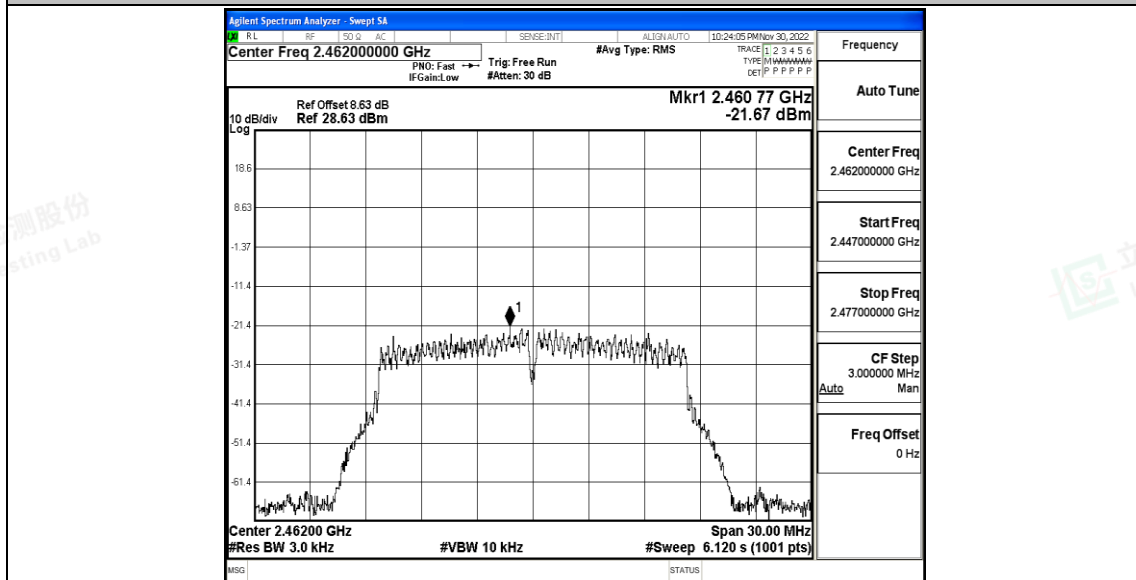


11G_Ant1_2437



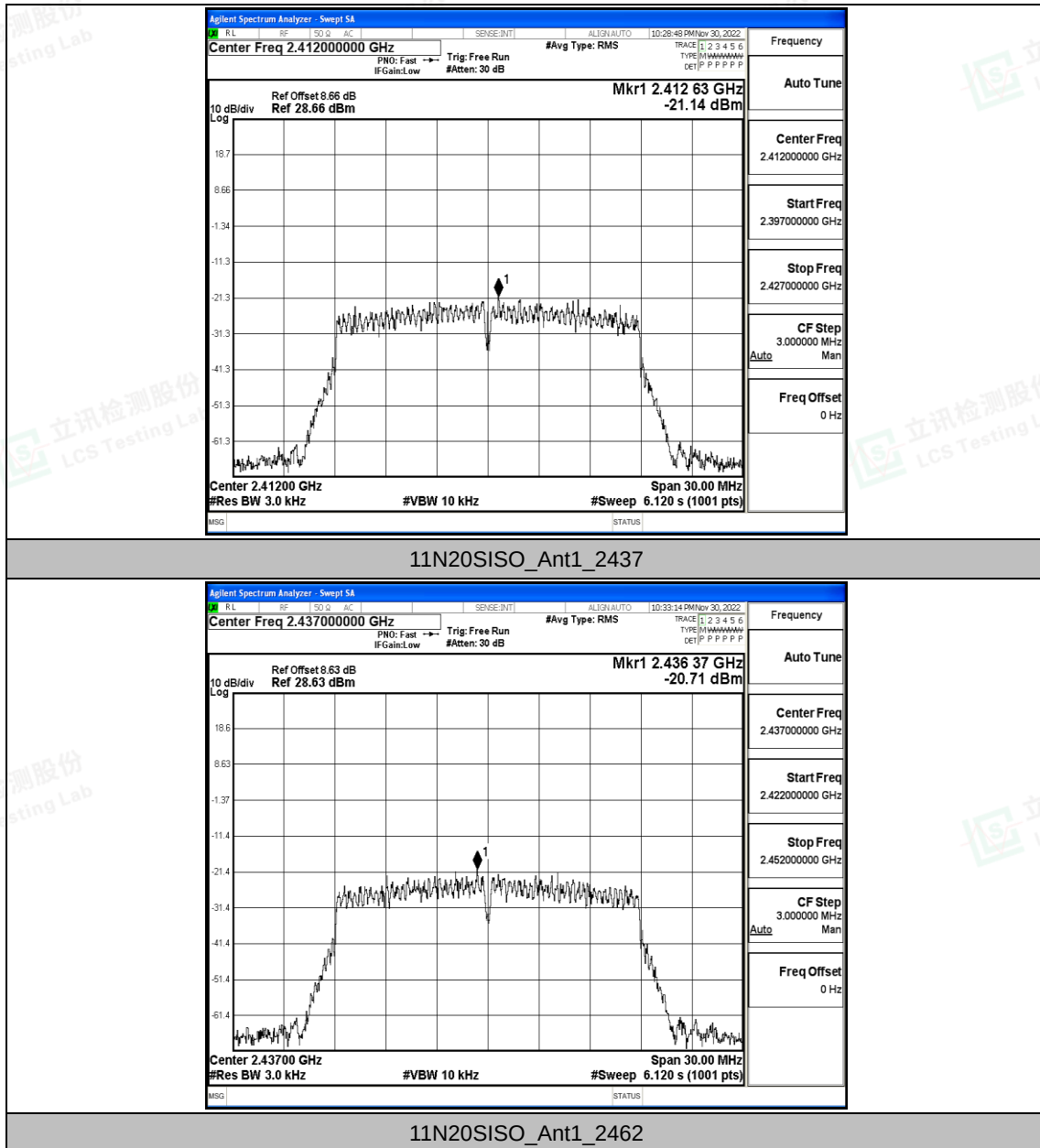


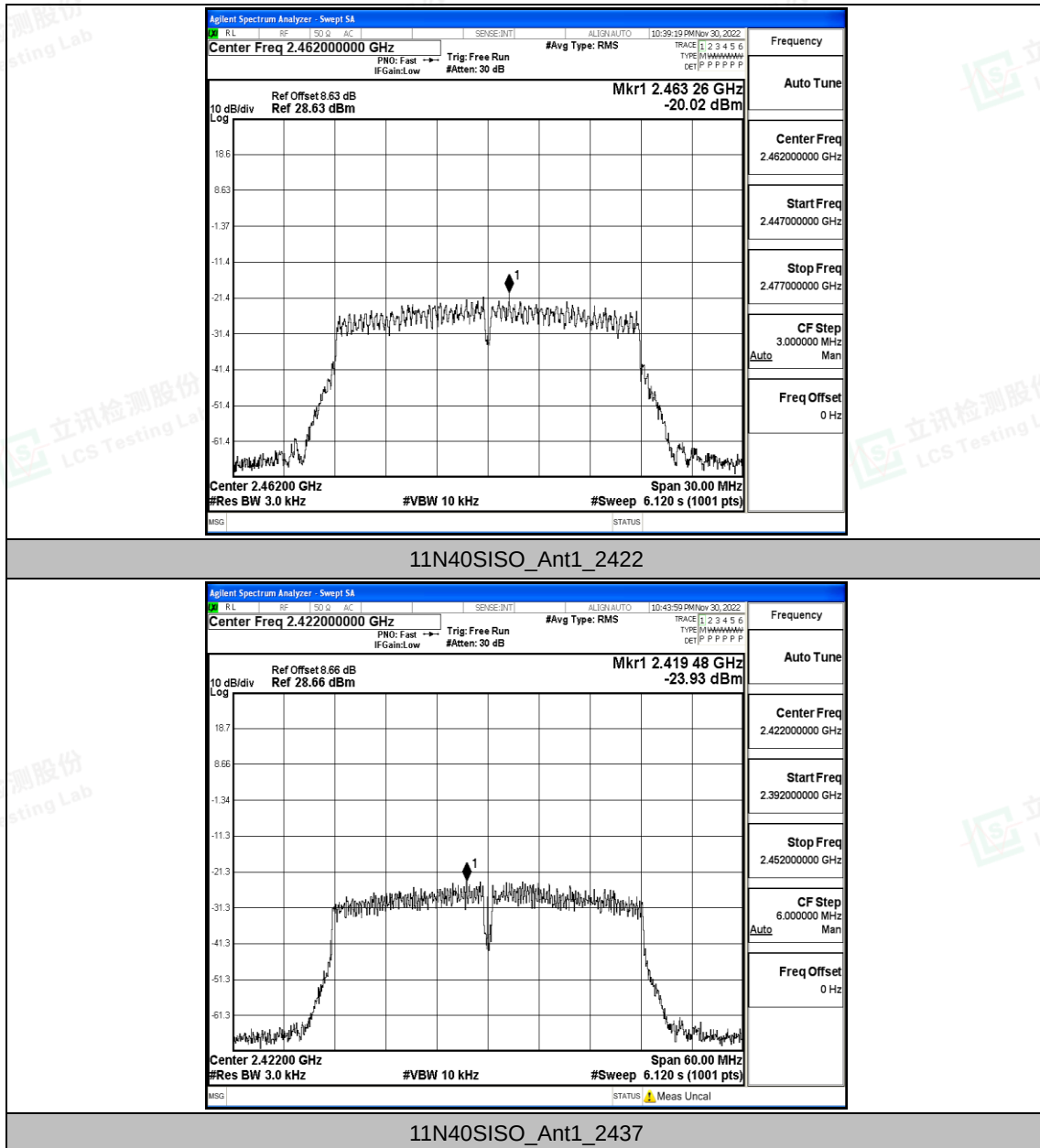
11G_Ant1_2462

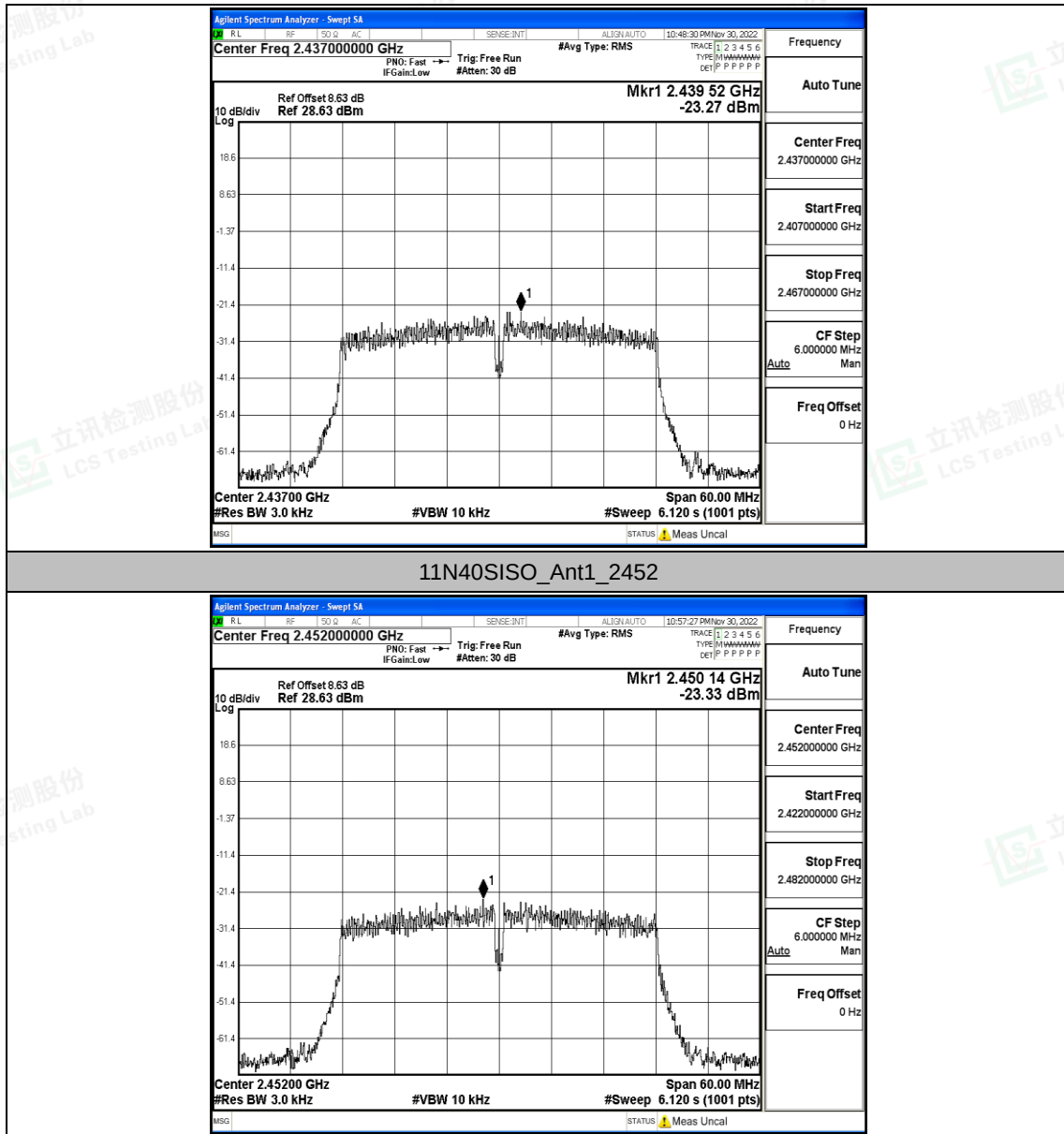


11N20SISO_Ant1_2412











C.4 Band edge measurements

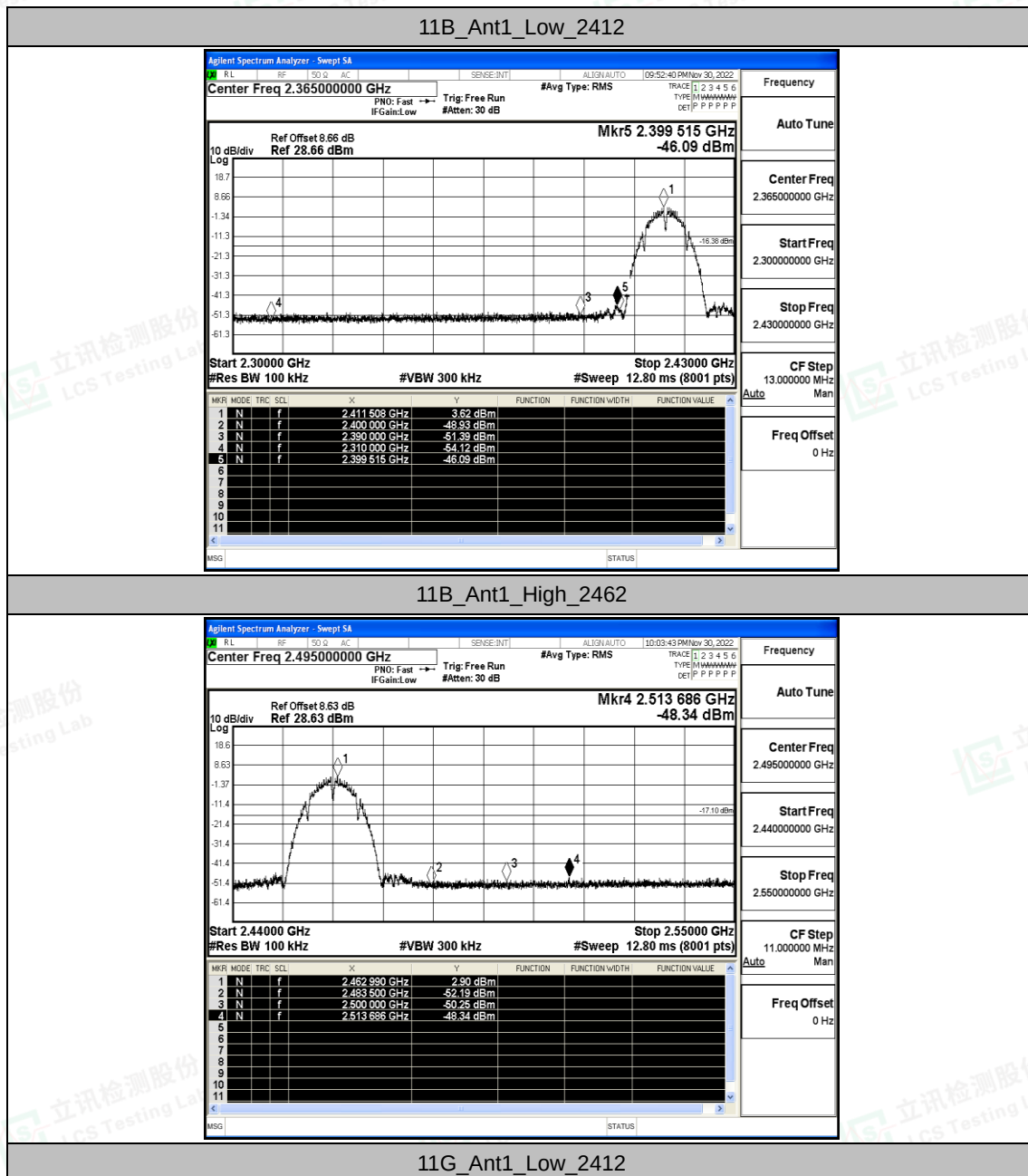
Test Result

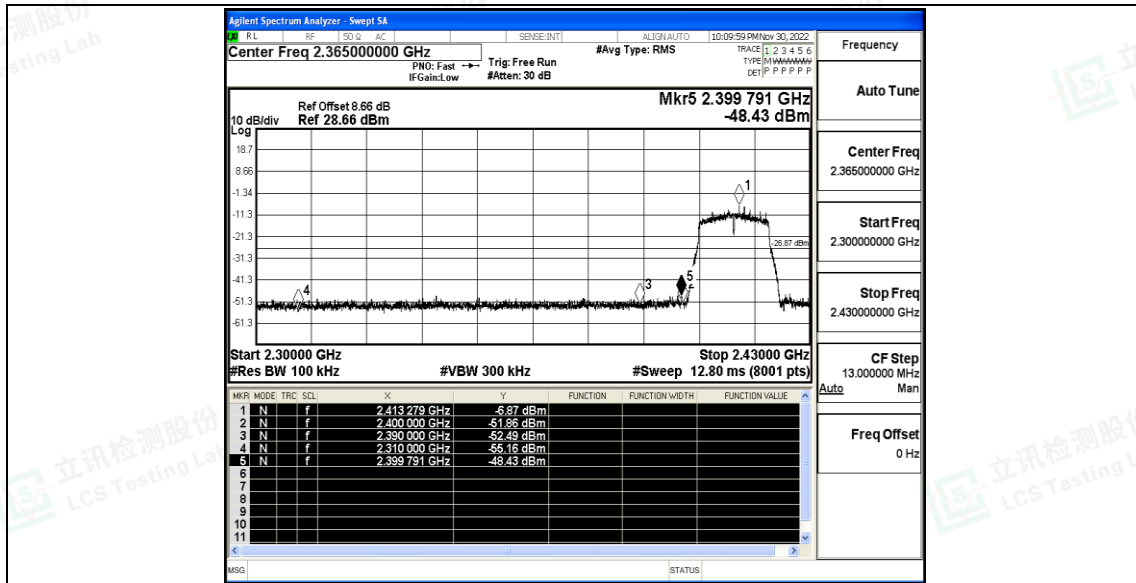
TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.62	-46.09	≤ -16.38	PASS
		High	2462	2.90	-48.34	≤ -17.1	PASS
11G	Ant1	Low	2412	-6.87	-48.43	≤ -26.87	PASS
		High	2462	-7.74	-48.84	≤ -27.74	PASS
11N20SISO	Ant1	Low	2412	-6.03	-47.83	≤ -26.03	PASS
		High	2462	-6.36	-48.7	≤ -26.36	PASS
11N40SISO	Ant1	Low	2422	-8.85	-47.93	≤ -28.85	PASS
		High	2452	-9.09	-48.23	≤ -29.09	PASS



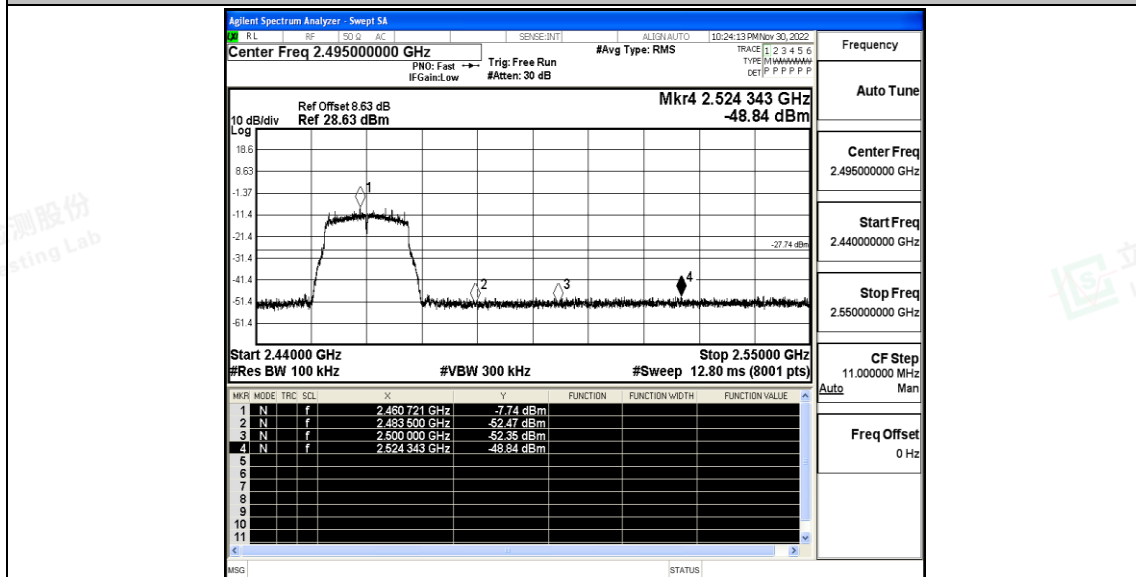


Test Graphs



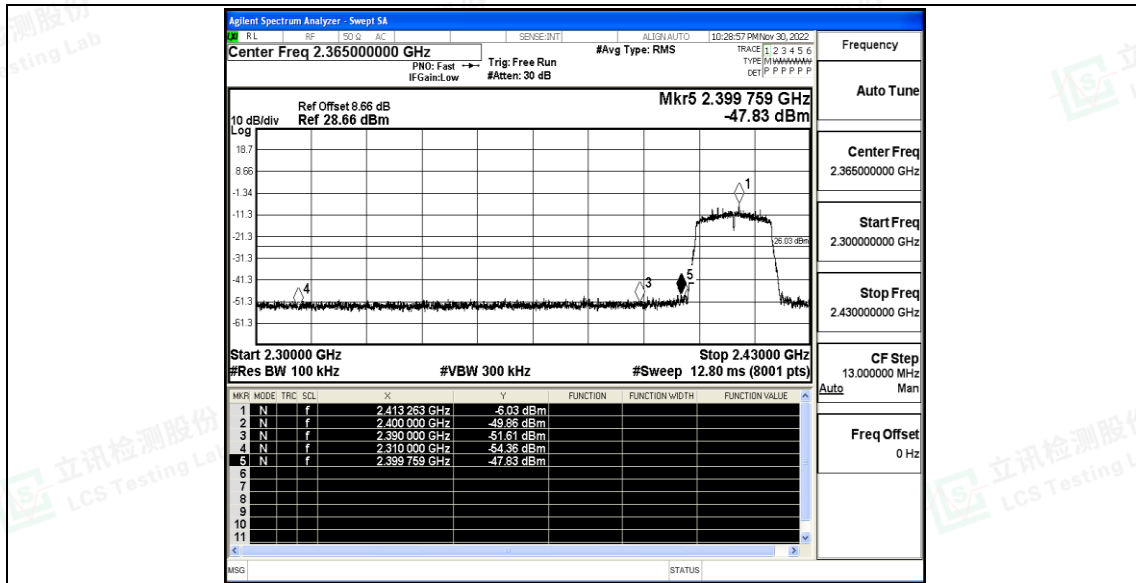


11G_Ant1_High_2462

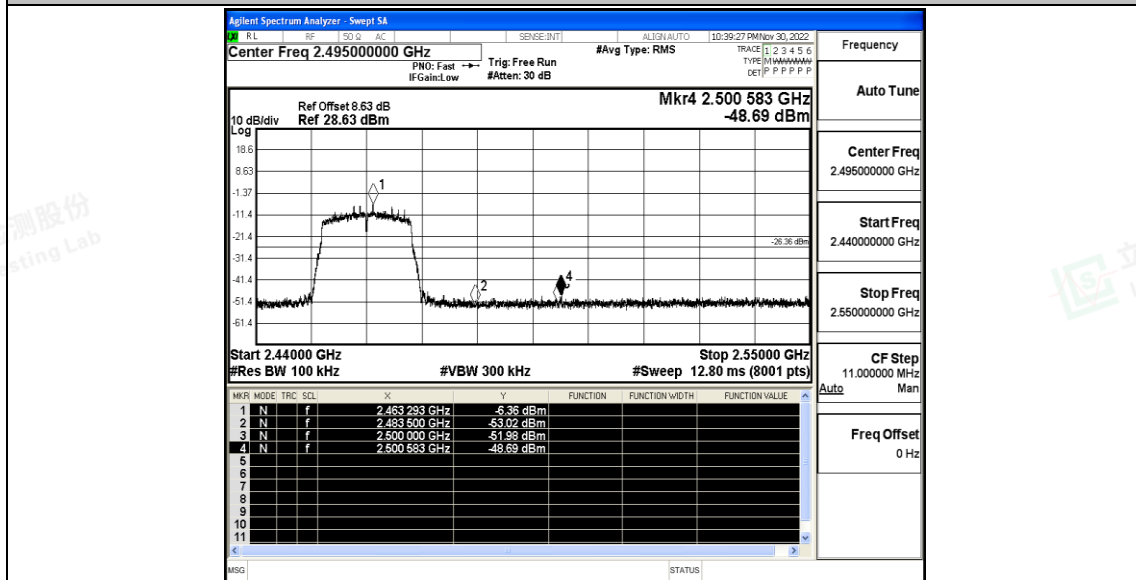


11N20SISO_Ant1_Low_2412



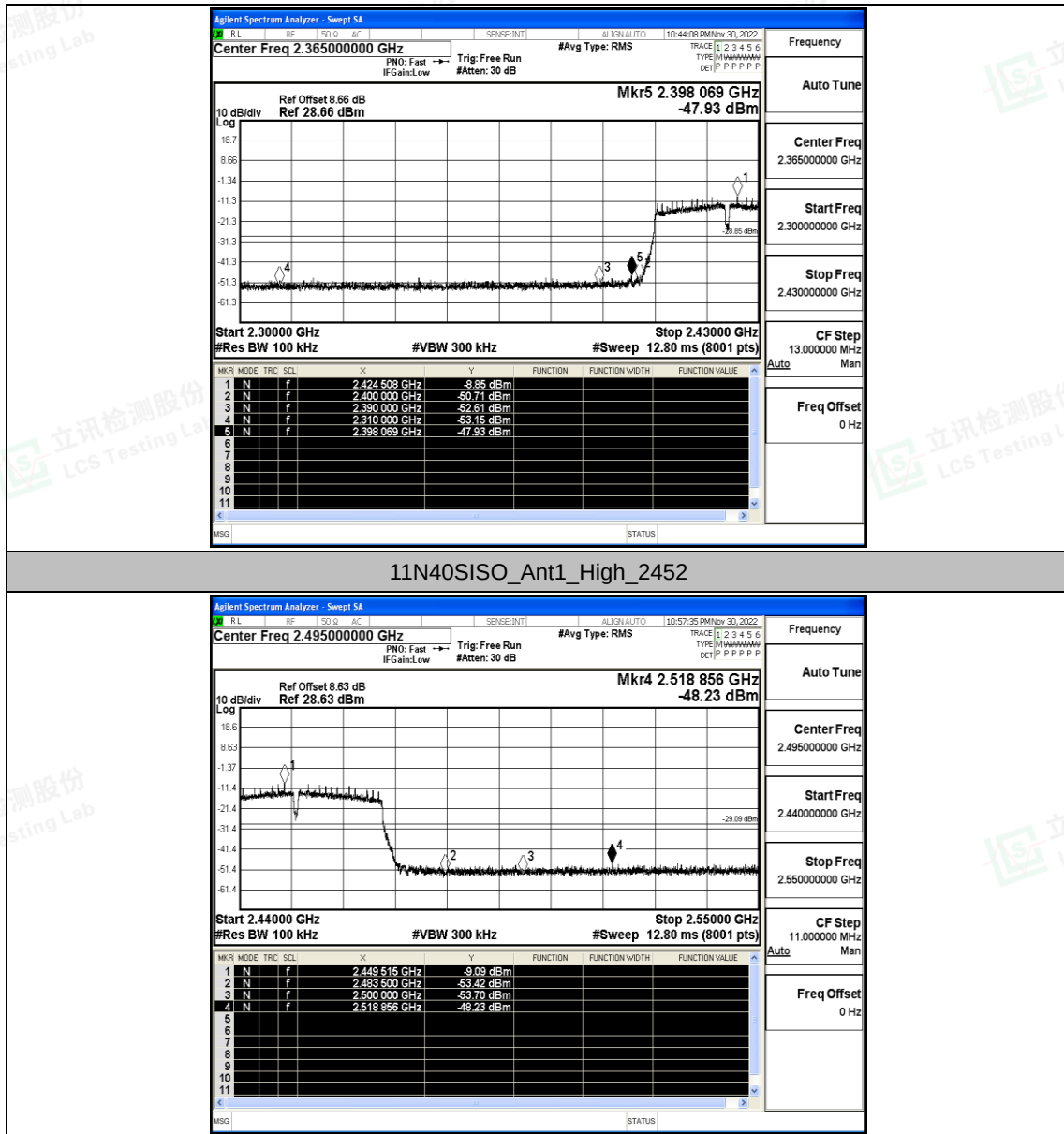


11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422







C.5 Conducted Spurious Emission

Test Result

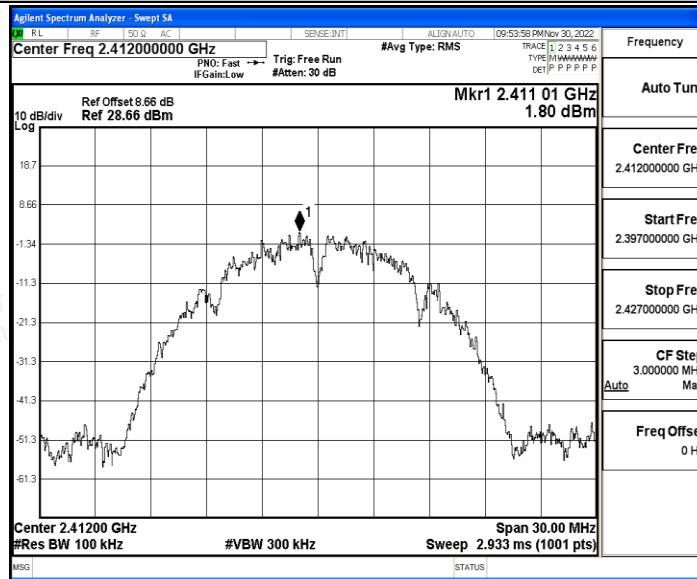
TestMode	Antenna	Freq(MHz)	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	1.80	1.80	---	PASS
			30~1000	1.80	-61.03	≤-18.2	PASS
			1000~26500	1.80	-45.29	≤-18.2	PASS
		2437	Reference	1.16	1.16	---	PASS
			30~1000	1.16	-54.75	≤-18.84	PASS
			1000~26500	1.16	-45.64	≤-18.84	PASS
		2462	Reference	1.43	1.43	---	PASS
			30~1000	1.43	-60.55	≤-18.57	PASS
			1000~26500	1.43	-46.12	≤-18.57	PASS
11G	Ant1	2412	Reference	-10.49	-10.49	---	PASS
			30~1000	-10.49	-60.29	≤-30.49	PASS
			1000~26500	-10.49	-46.21	≤-30.49	PASS
		2437	Reference	-11.14	-11.14	---	PASS
			30~1000	-11.14	-60.52	≤-31.14	PASS
			1000~26500	-11.14	-45.99	≤-31.14	PASS
		2462	Reference	-11.08	-11.08	---	PASS
			30~1000	-11.08	-61.16	≤-31.08	PASS
			1000~26500	-11.08	-46.23	≤-31.08	PASS
11N20SISO	Ant1	2412	Reference	-7.71	-7.71	---	PASS
			30~1000	-7.71	-60.18	≤-27.71	PASS
			1000~26500	-7.71	-45.91	≤-27.71	PASS
		2437	Reference	-6.66	-6.66	---	PASS
			30~1000	-6.66	-60.28	≤-26.66	PASS
			1000~26500	-6.66	-46.26	≤-26.66	PASS
		2462	Reference	-7.84	-7.84	---	PASS
			30~1000	-7.84	-59.54	≤-27.84	PASS
			1000~26500	-7.84	-45.98	≤-27.84	PASS
11N40SISO	Ant1	2422	Reference	-9.04	-9.04	---	PASS
			30~1000	-9.04	-60.03	≤-29.04	PASS
			1000~26500	-9.04	-46.42	≤-29.04	PASS
		2437	Reference	-9.35	-9.35	---	PASS
			30~1000	-9.35	-60.25	≤-29.35	PASS
			1000~26500	-9.35	-46.04	≤-29.35	PASS
		2452	Reference	-11.49	-11.49	---	PASS
			30~1000	-11.49	-60.83	≤-31.49	PASS
			1000~26500	-11.49	-45.68	≤-31.49	PASS



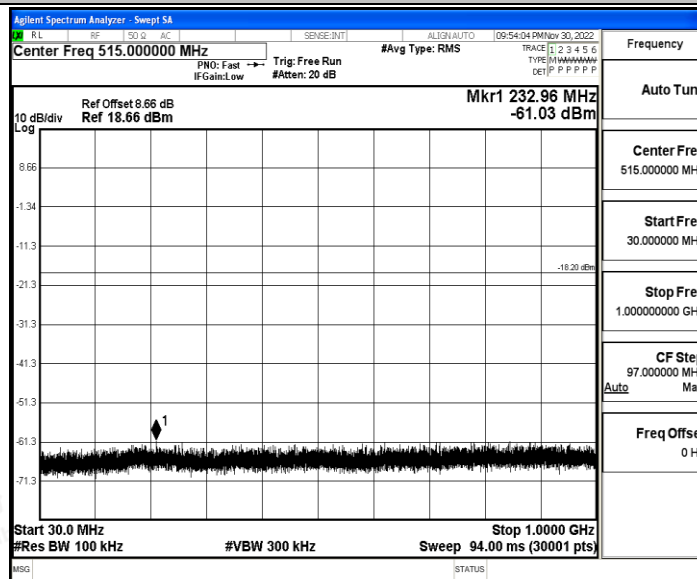


Test Graphs

11B_Ant1_2412_0~Reference

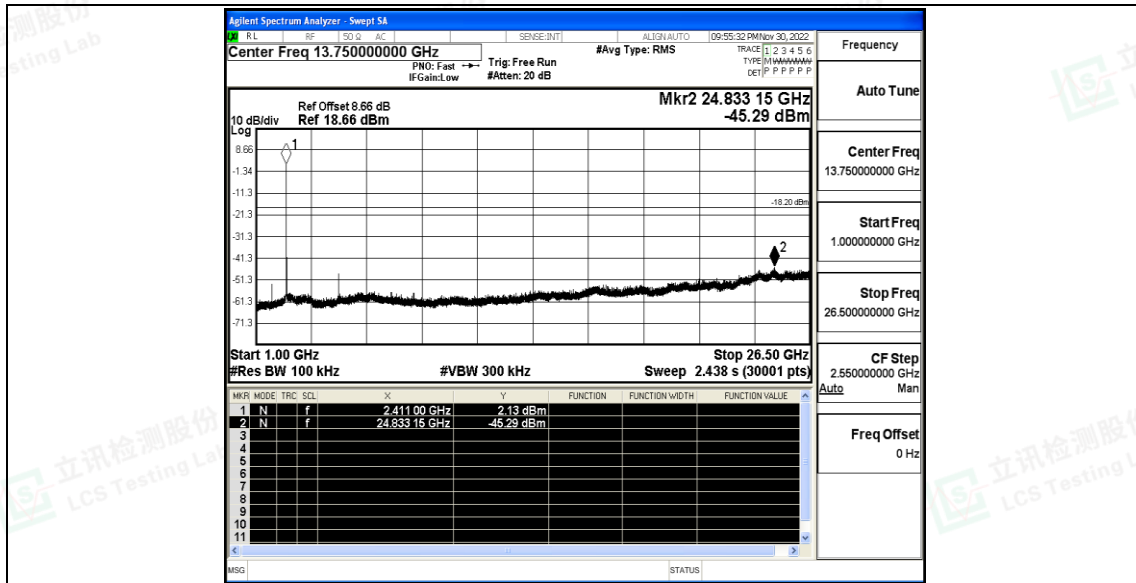


11B_Ant1_2412_30~1000

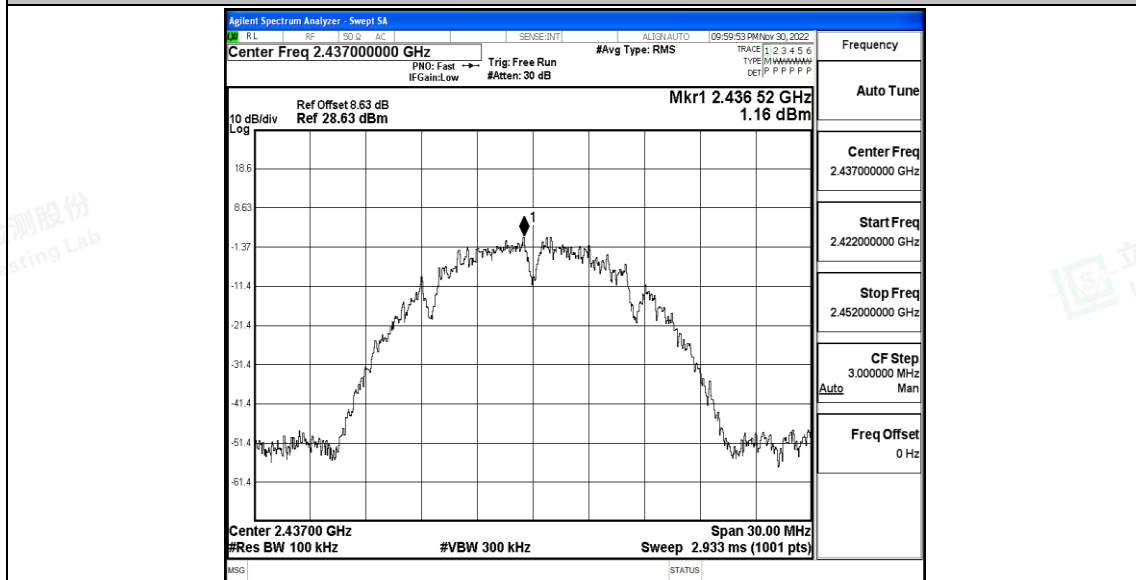


11B_Ant1_2412_1000~26500



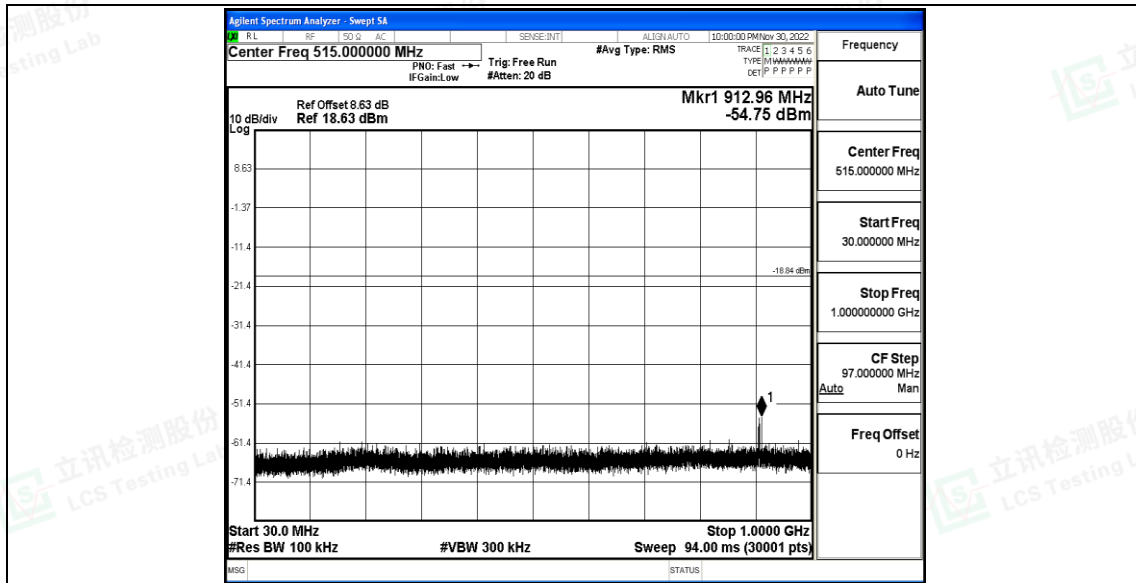


11B_Ant1_2437_0~Reference

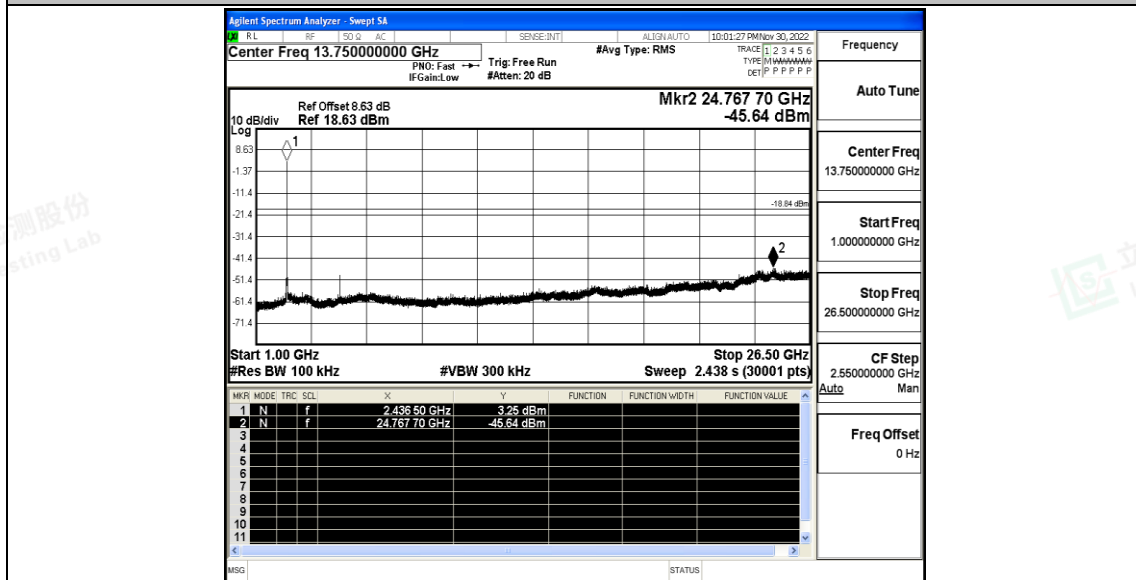


11B_Ant1_2437_30~1000



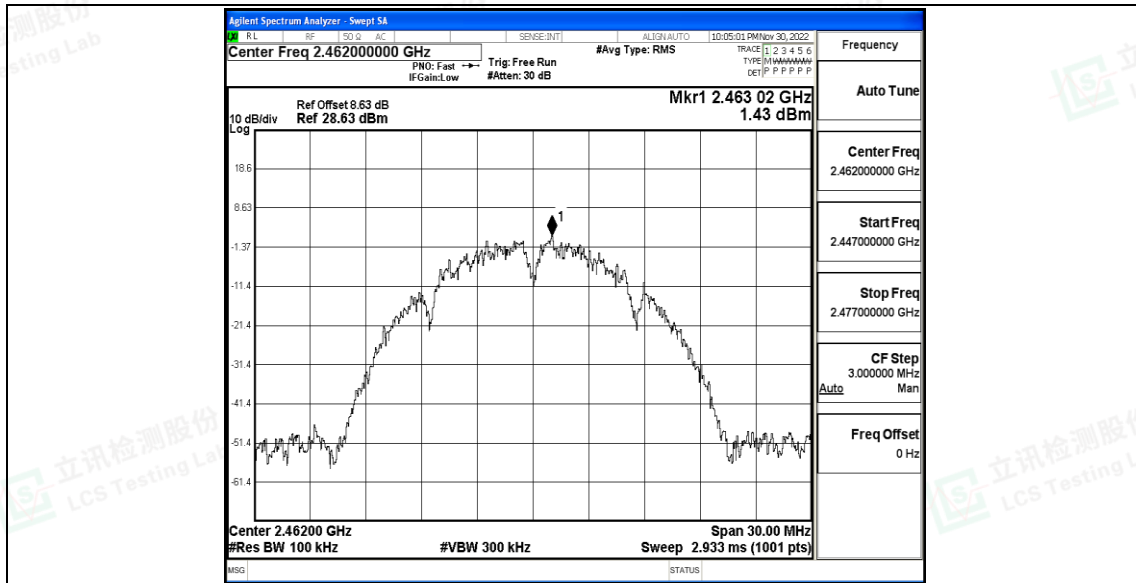


11B_Ant1_2437_1000~26500

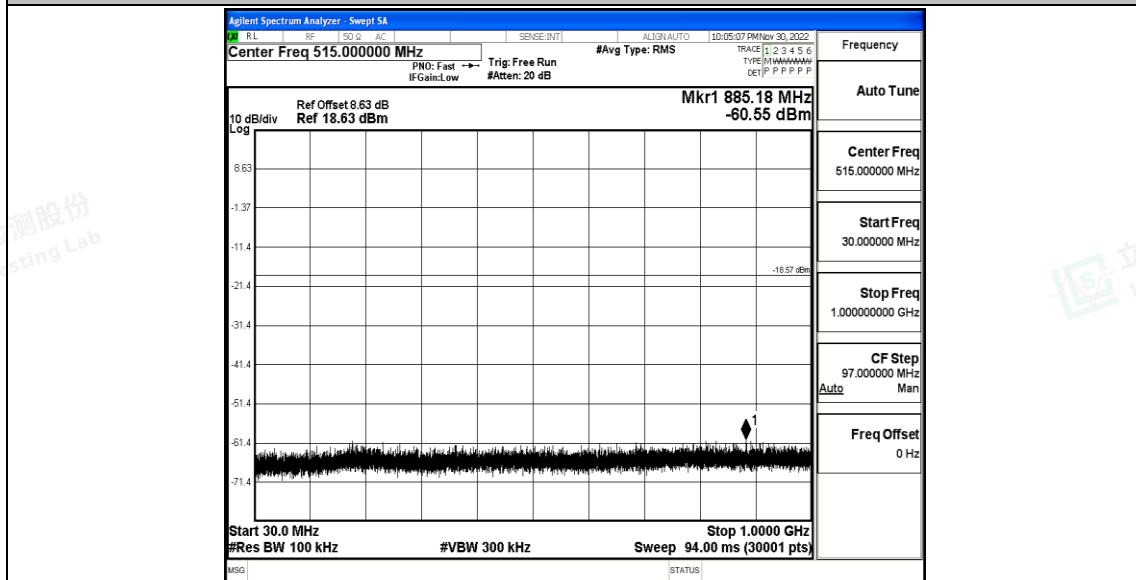


11B_Ant1_2462_0~Reference



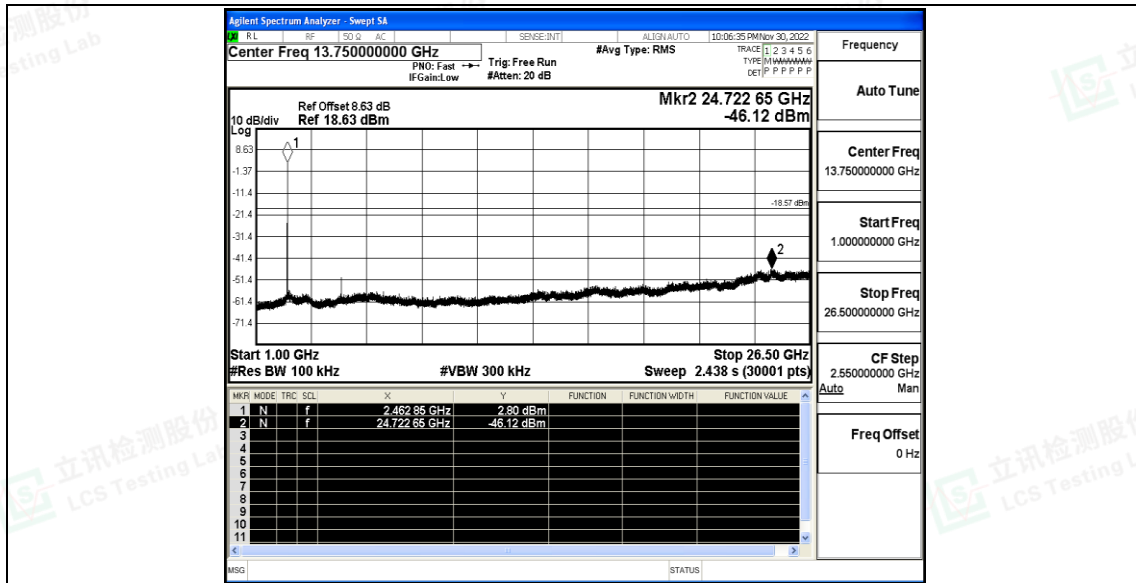


11B_Ant1_2462_30~1000

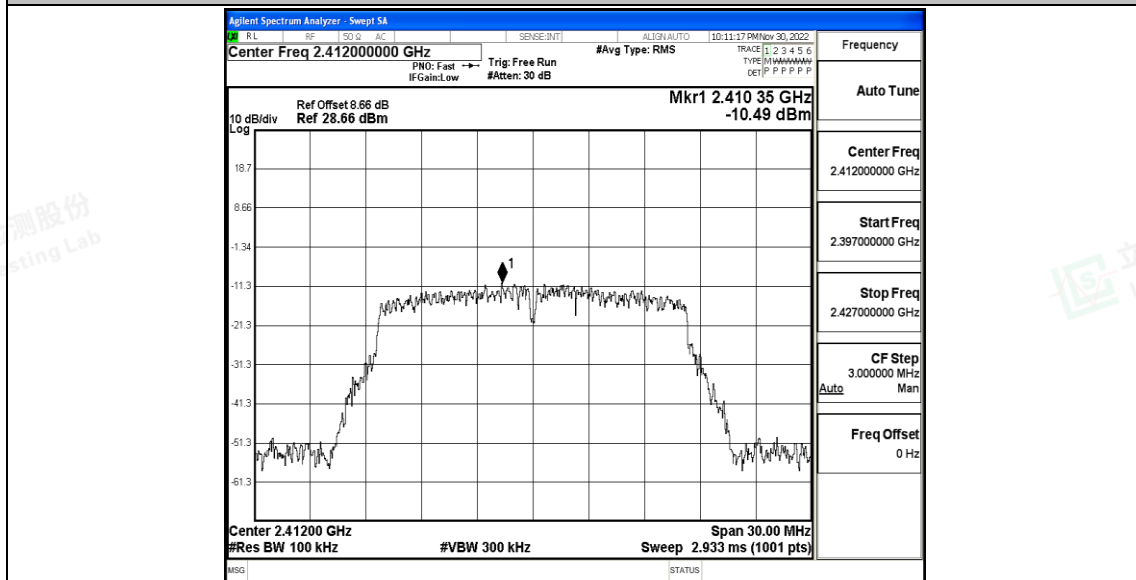


11B_Ant1_2462_1000~26500



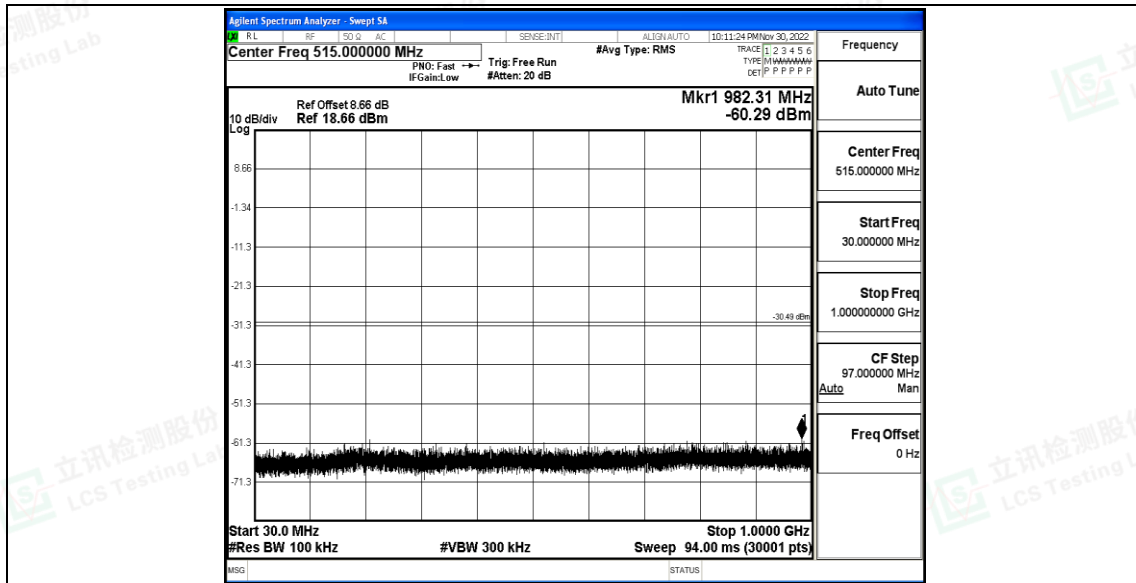


11G_Ant1_2412_0~Reference

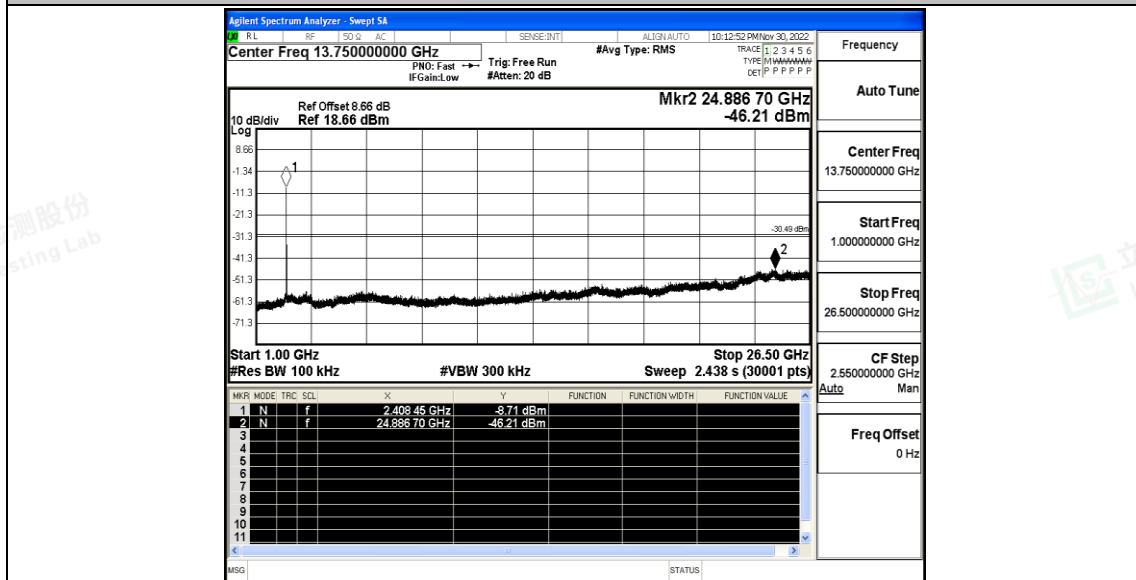


11G_Ant1_2412_30~1000



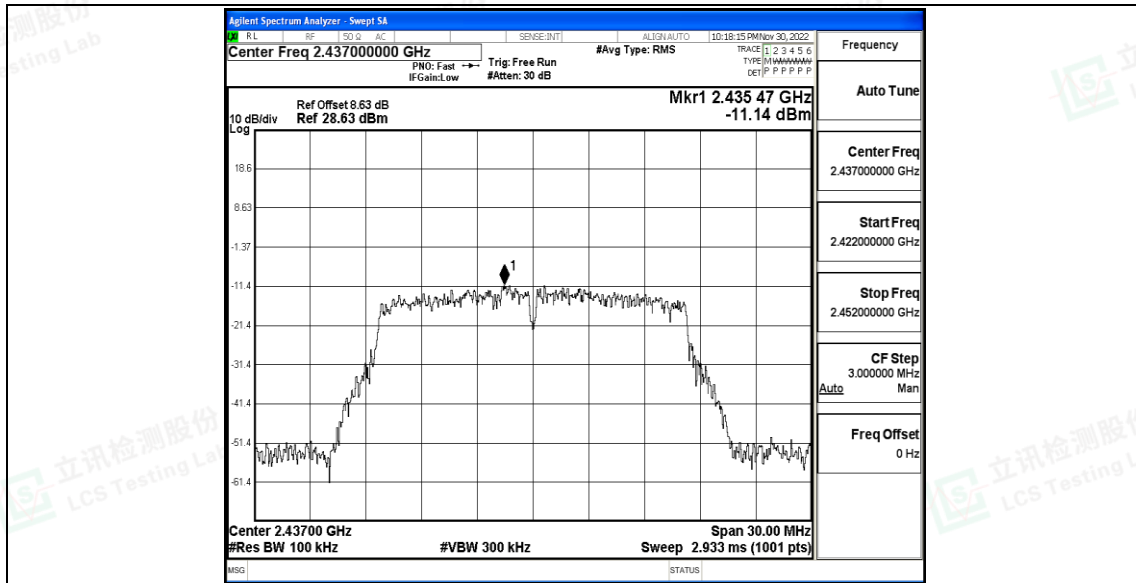


11G_Ant1_2412_1000~26500

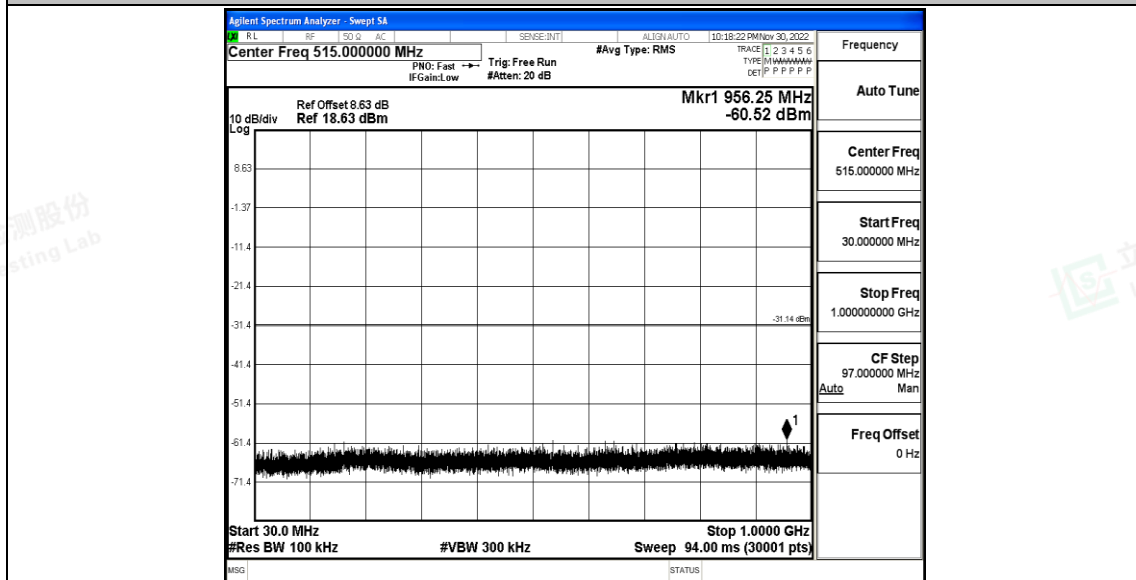


11G_Ant1_2437_0~Reference



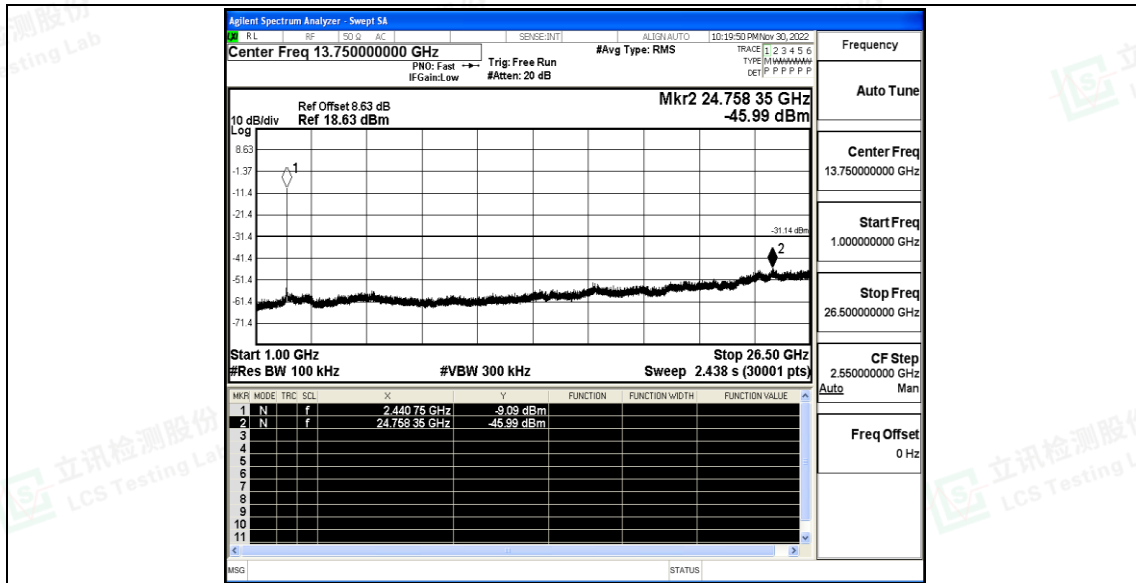


11G_Ant1_2437_30~1000

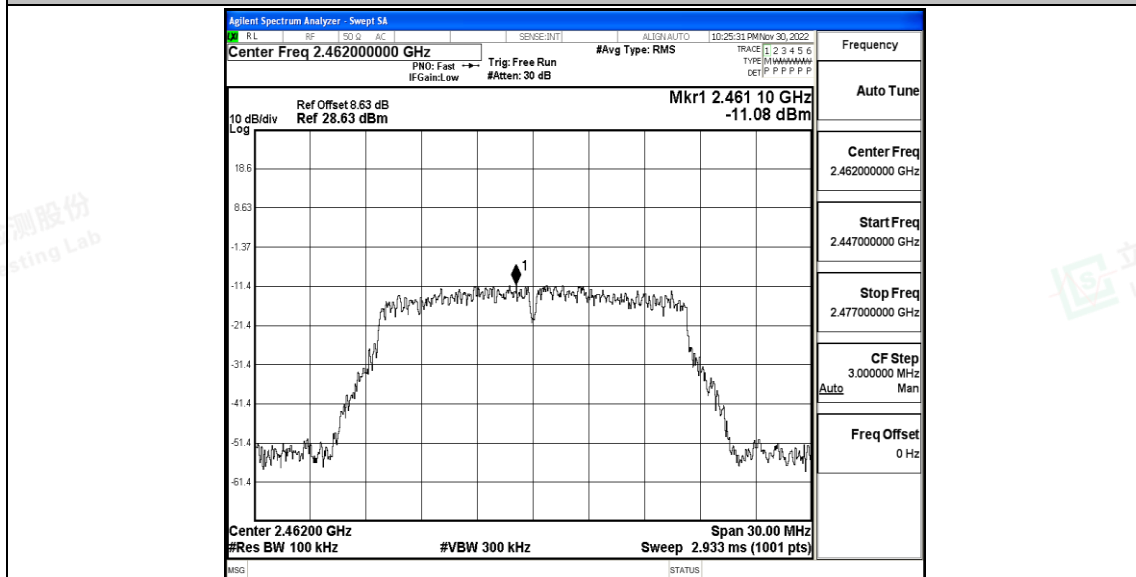


11G_Ant1_2437_1000~26500



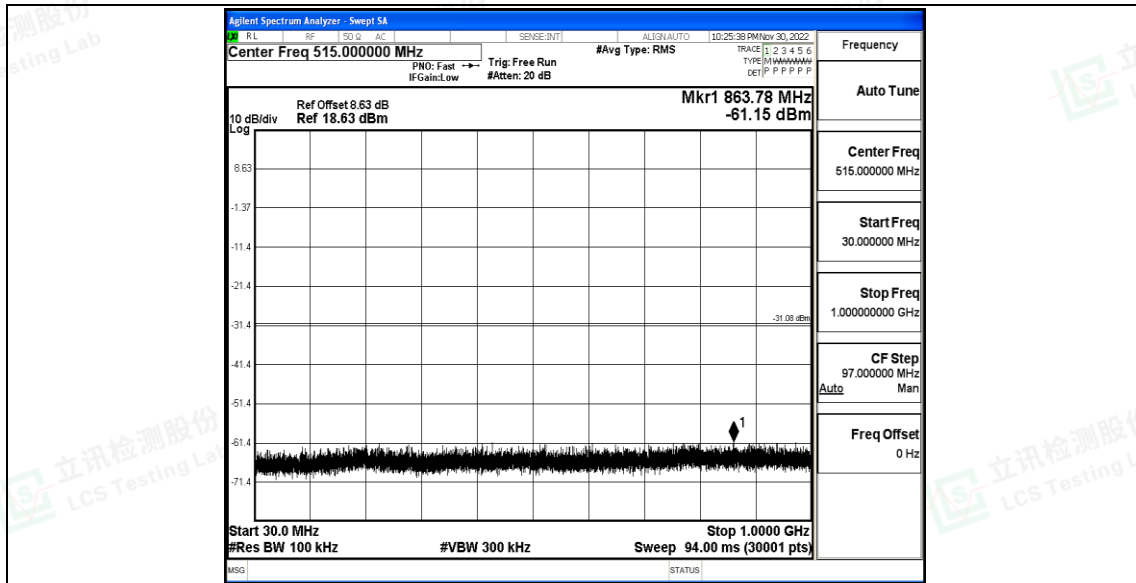


11G_Ant1_2462_0~Reference

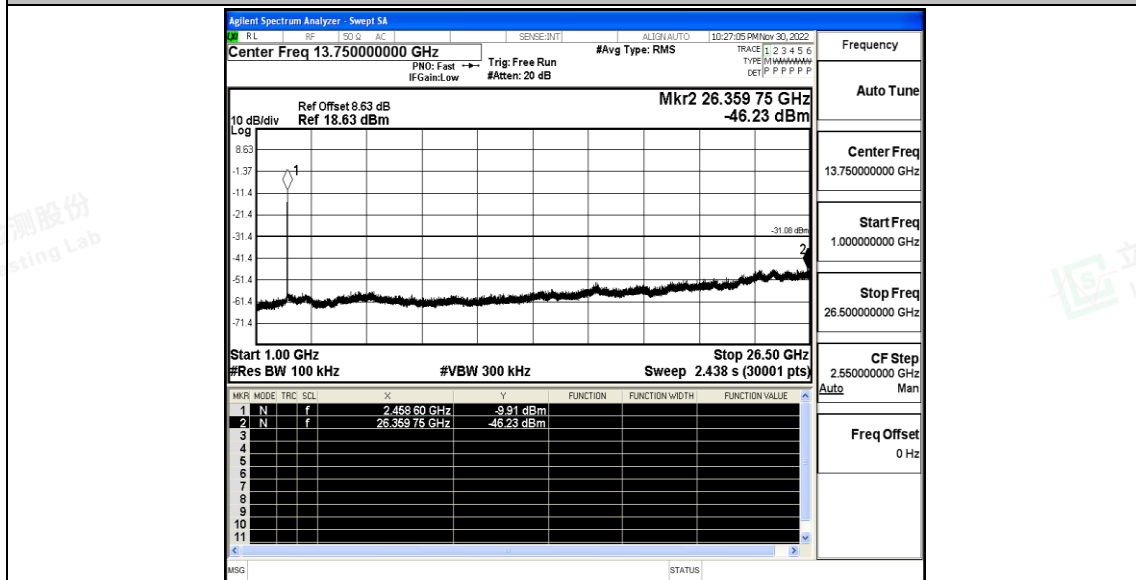


11G_Ant1_2462_30~1000



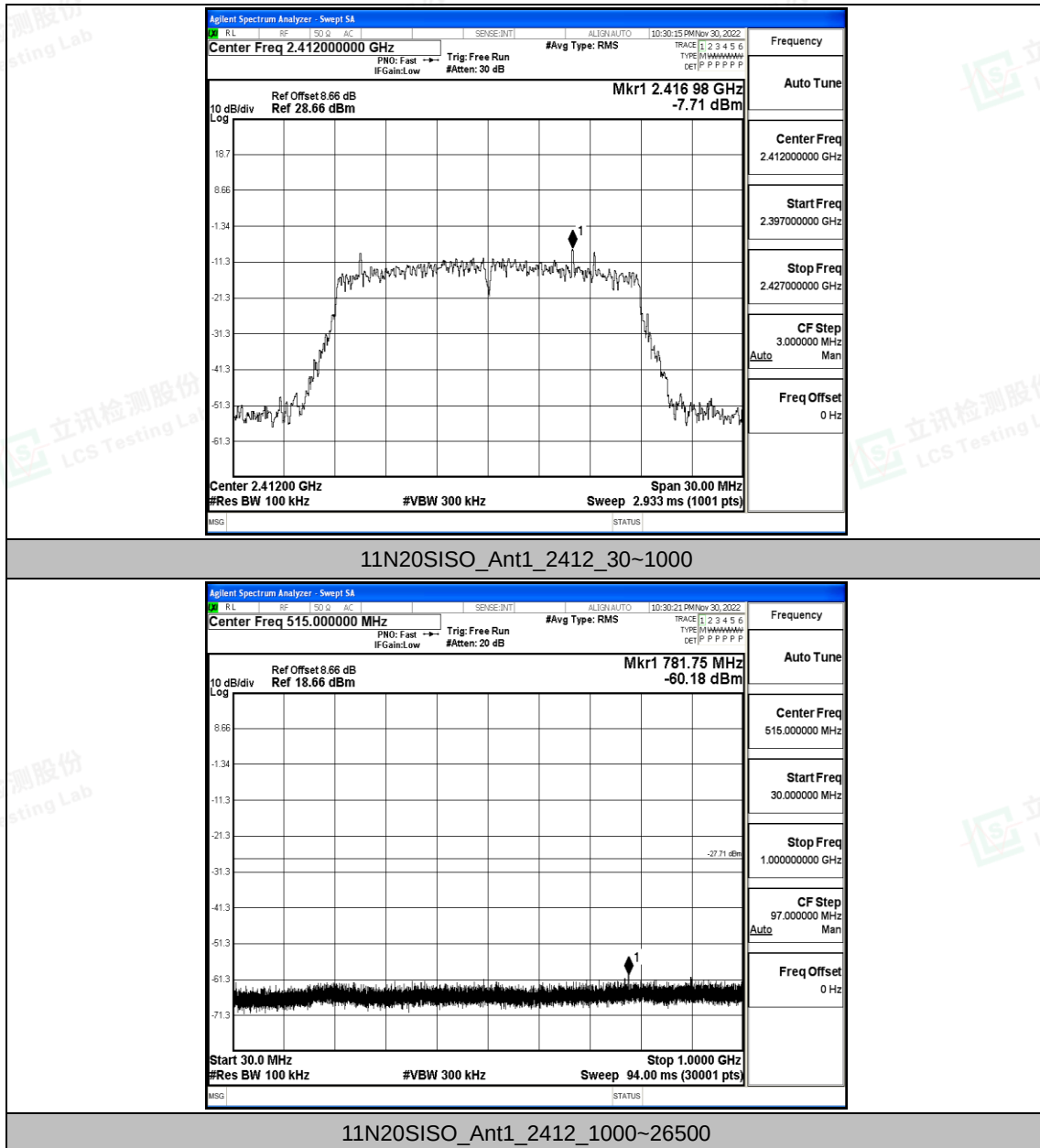


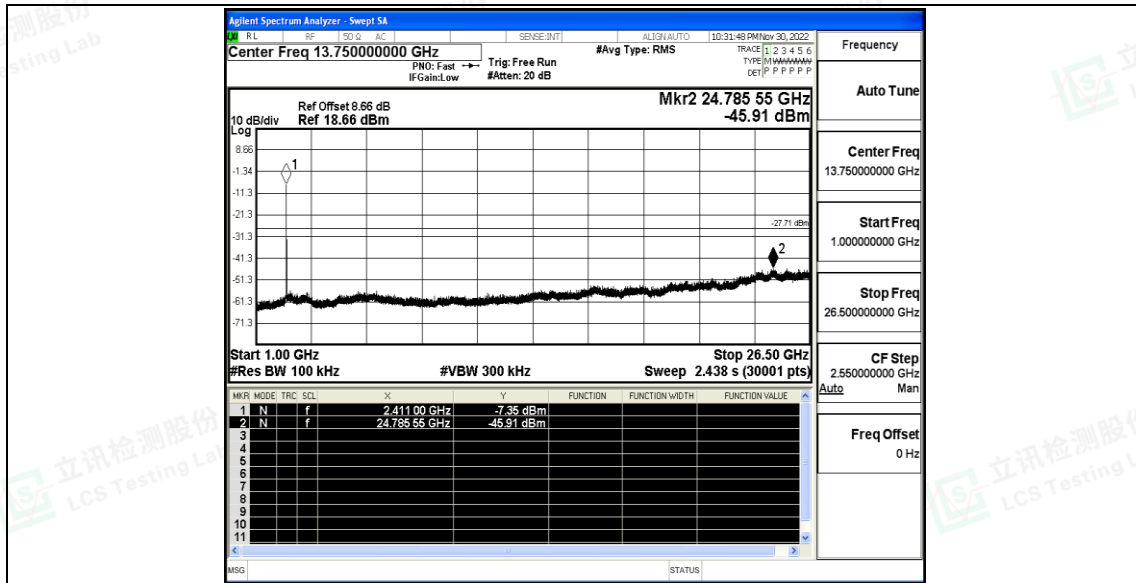
11G_Ant1_2462_1000~26500



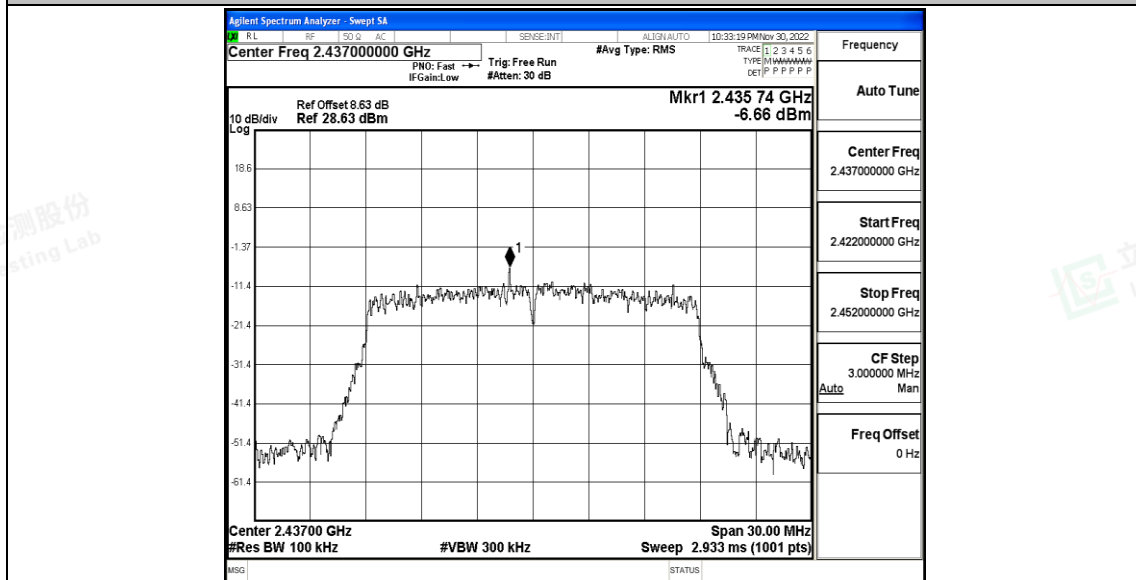
11N20SISO_Ant1_2412_0~Reference





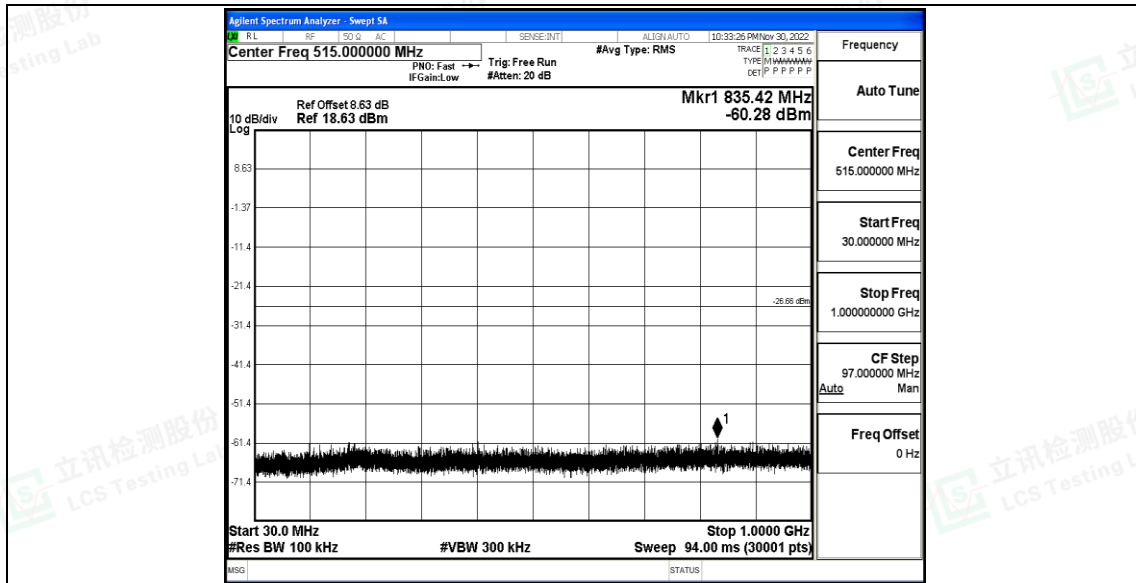


11N20SISO_Ant1_2437_0~Reference

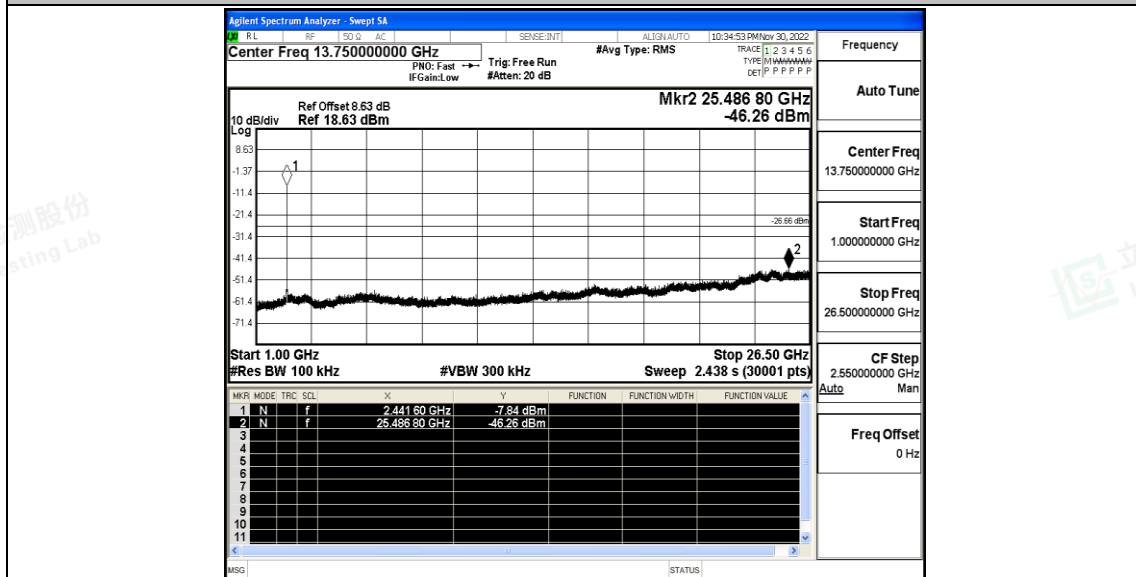


11N20SISO_Ant1_2437_30~1000



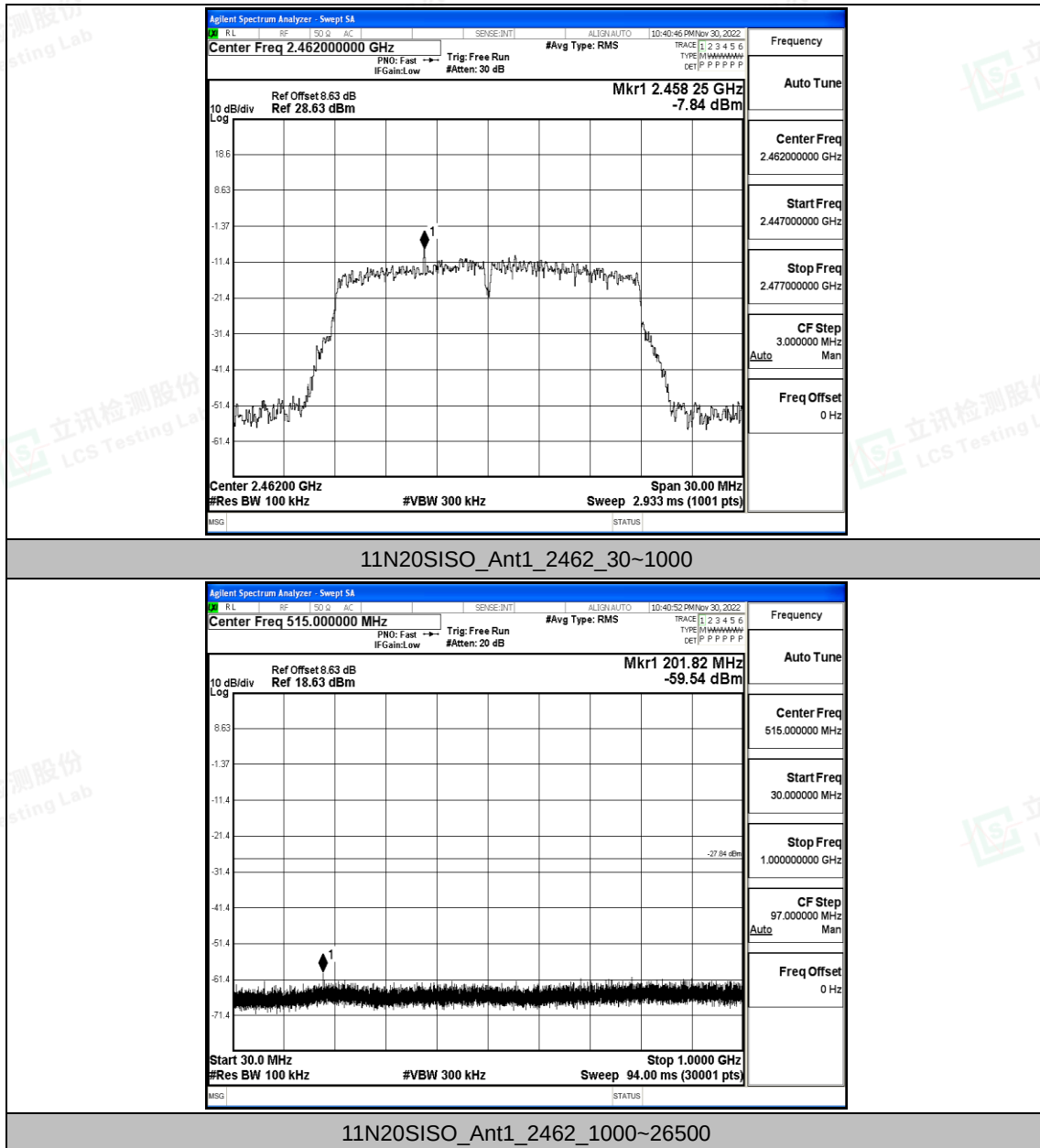


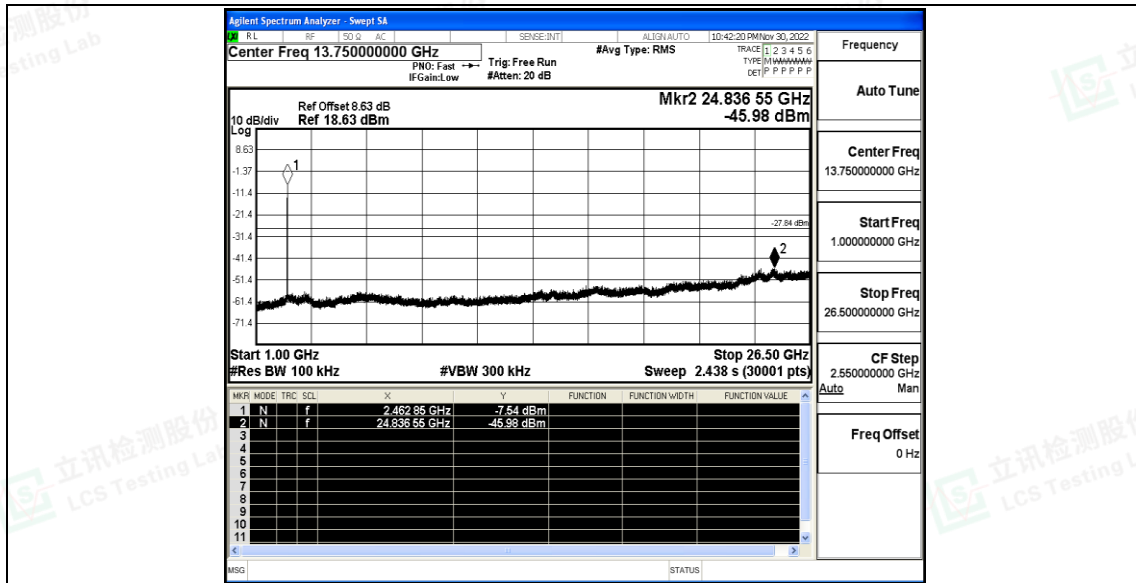
11N20SISO_Ant1_2437_1000~26500



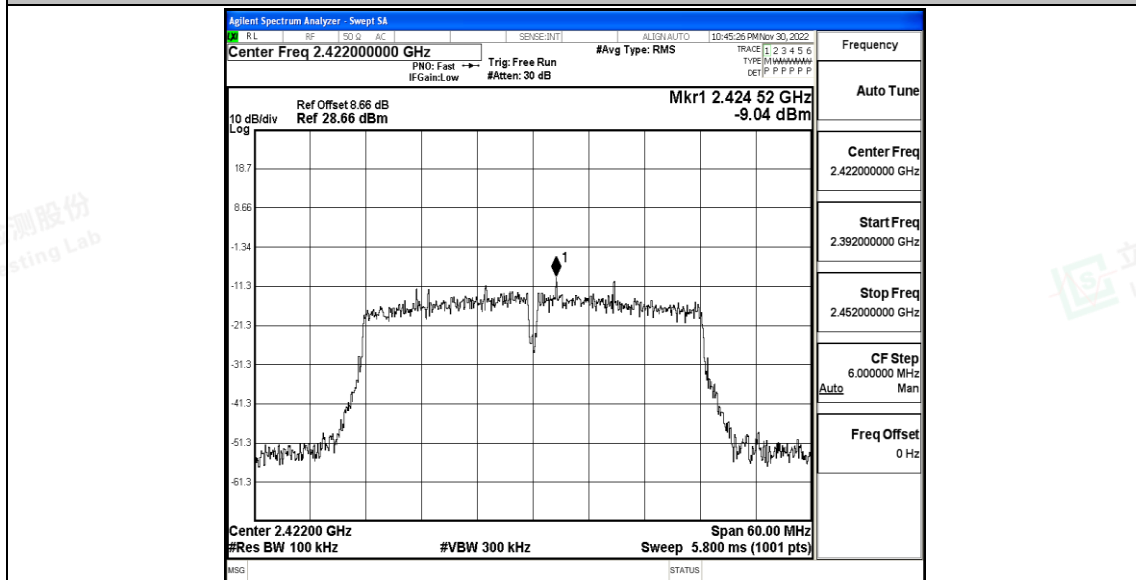
11N20SISO_Ant1_2462_0~Reference





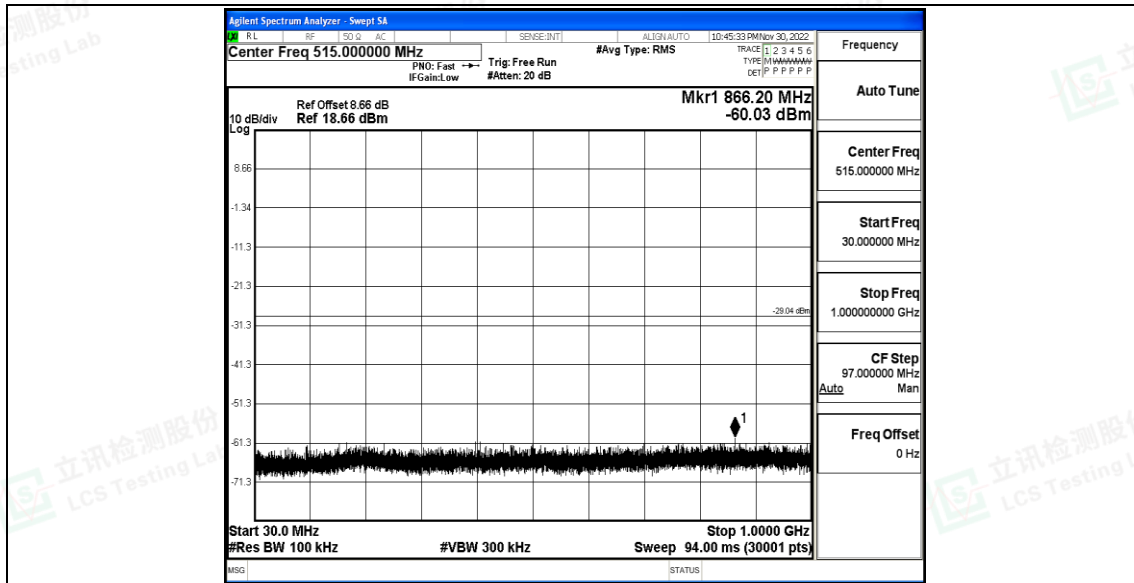


11N40SISO_Ant1_2422_0~Reference

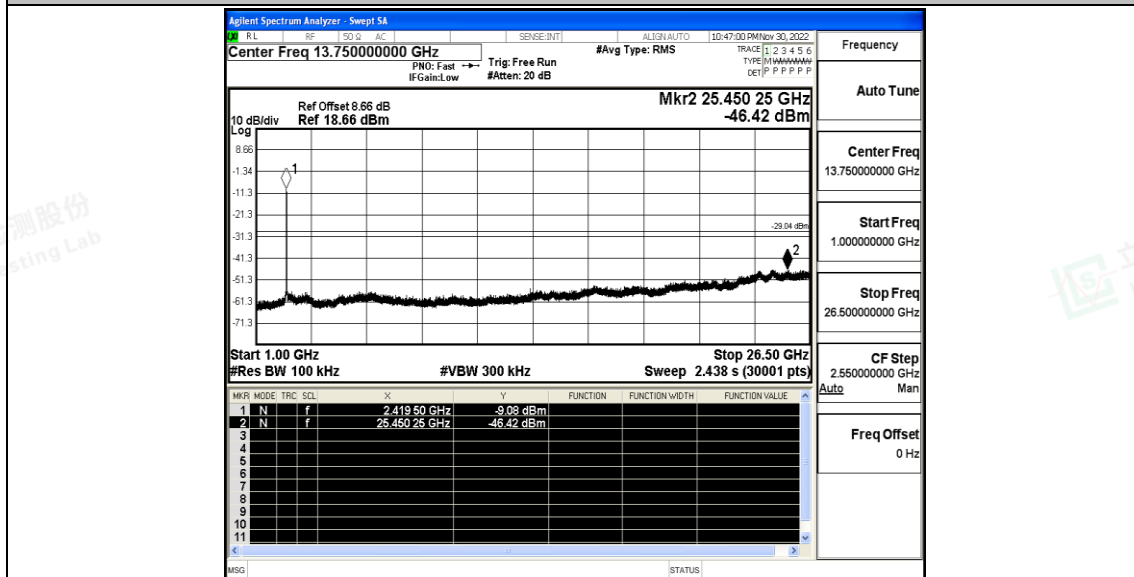


11N40SISO_Ant1_2422_30~1000



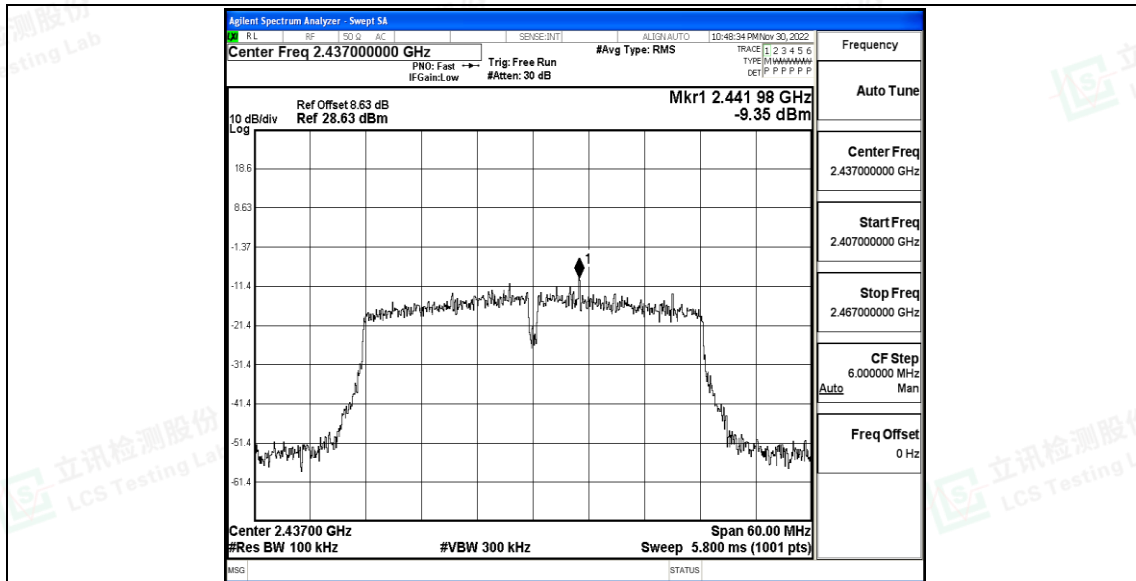


11N40SISO_Ant1_2422_1000~26500

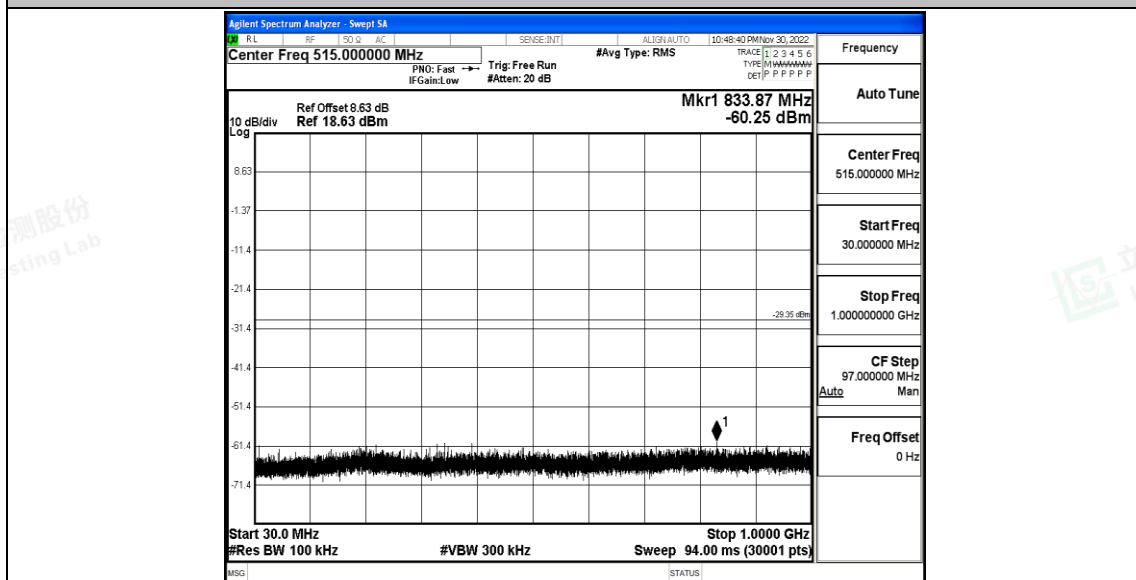


11N40SISO_Ant1_2437_0~Reference



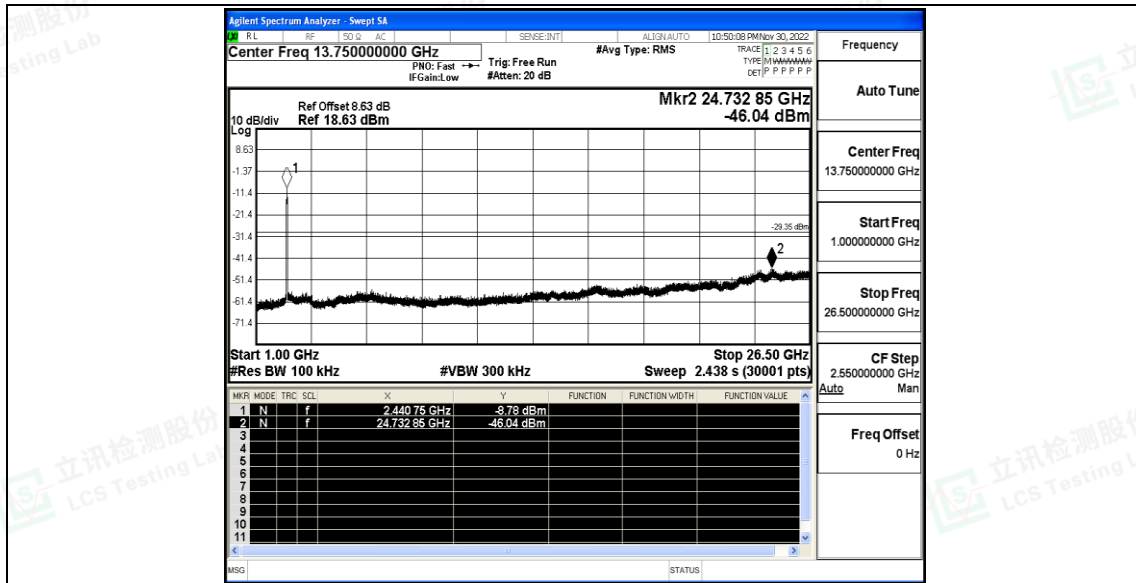


11N40SISO_Ant1_2437_30~1000

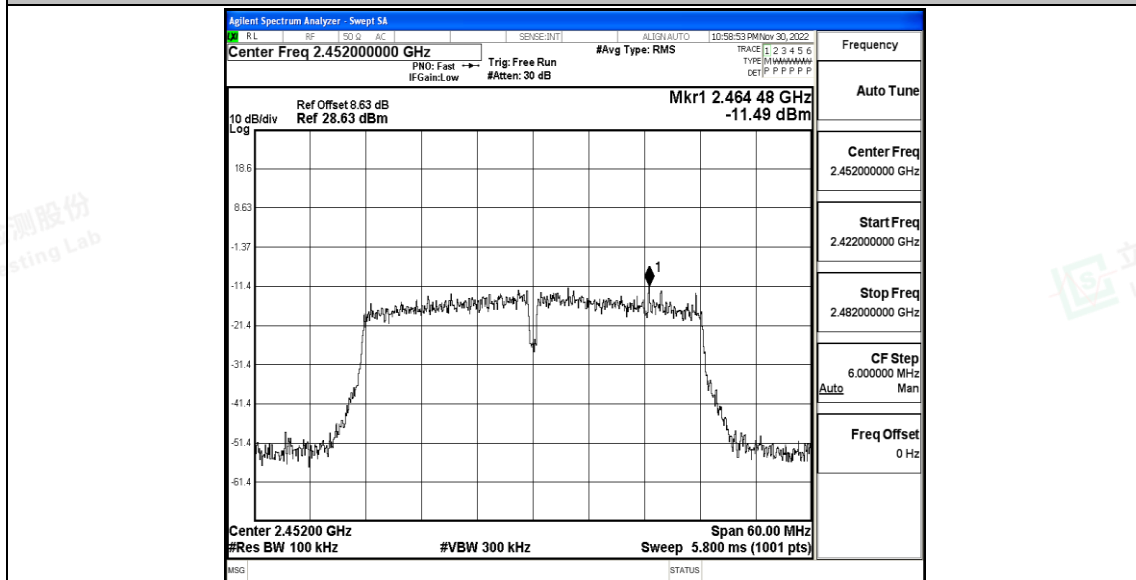


11N40SISO_Ant1_2437_1000~26500





11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000

