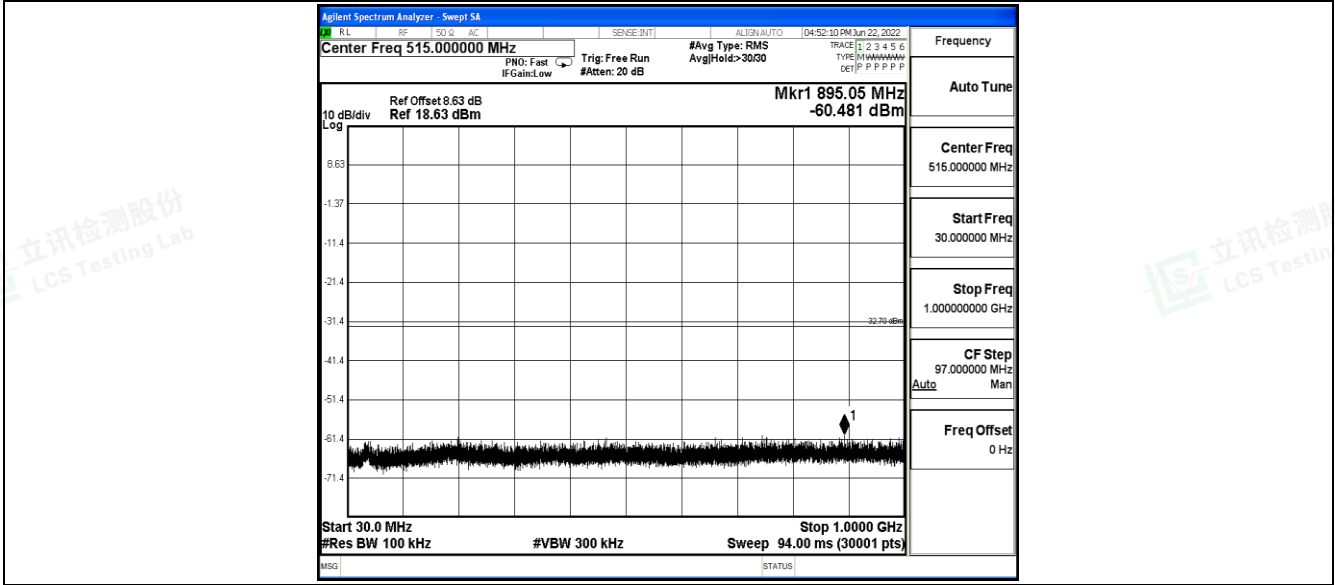
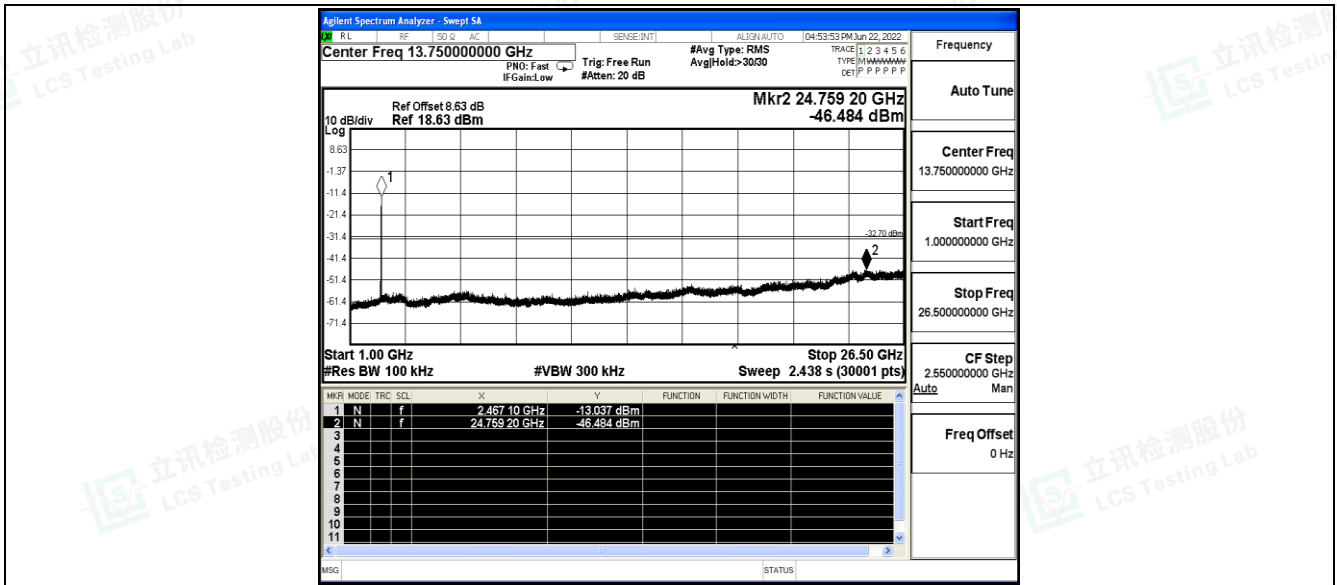


11N20SISO_Ant1_2462_30~1000

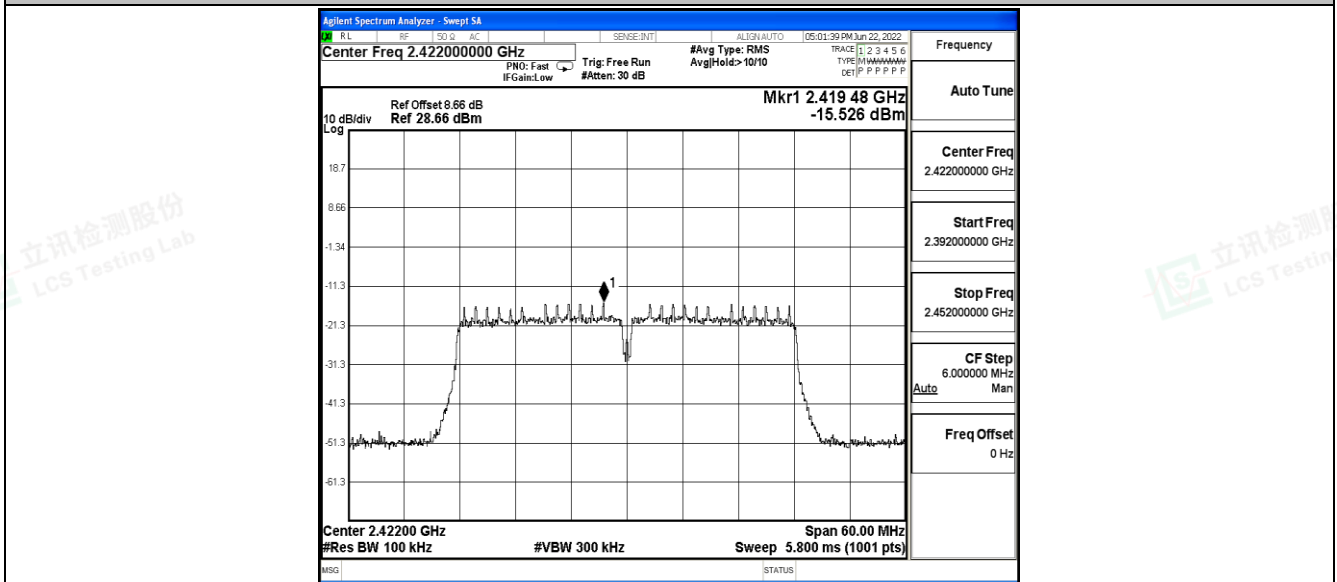


11N20SISO_Ant1_2462_1000~26500



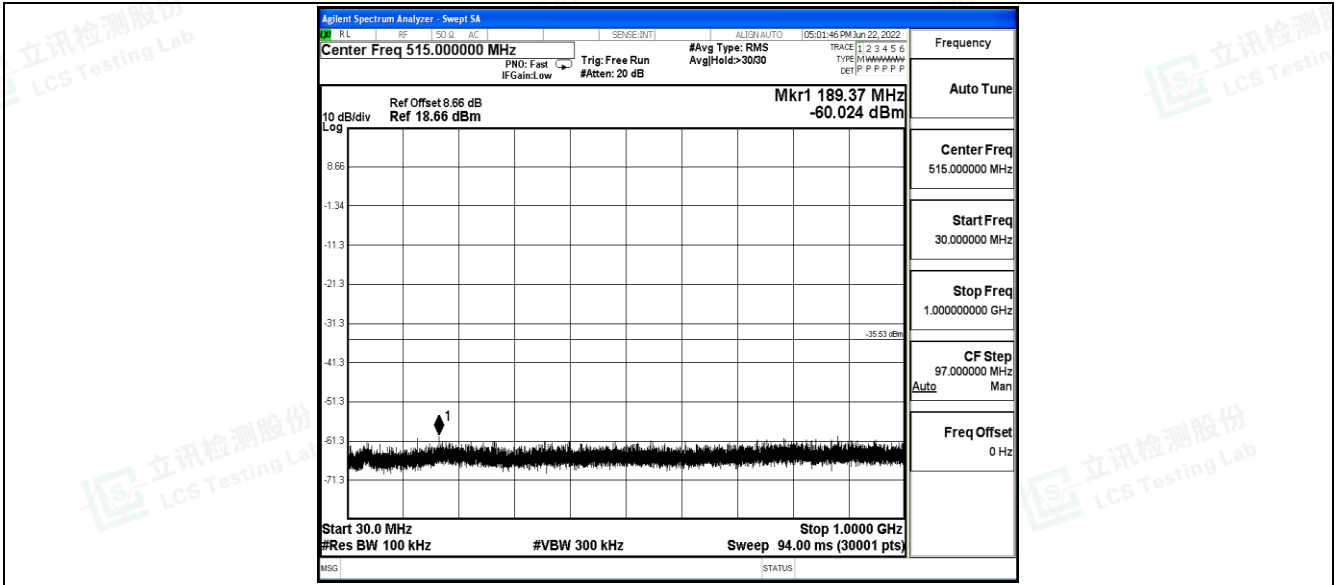


11N40SISO_Ant1_2422_0~Reference

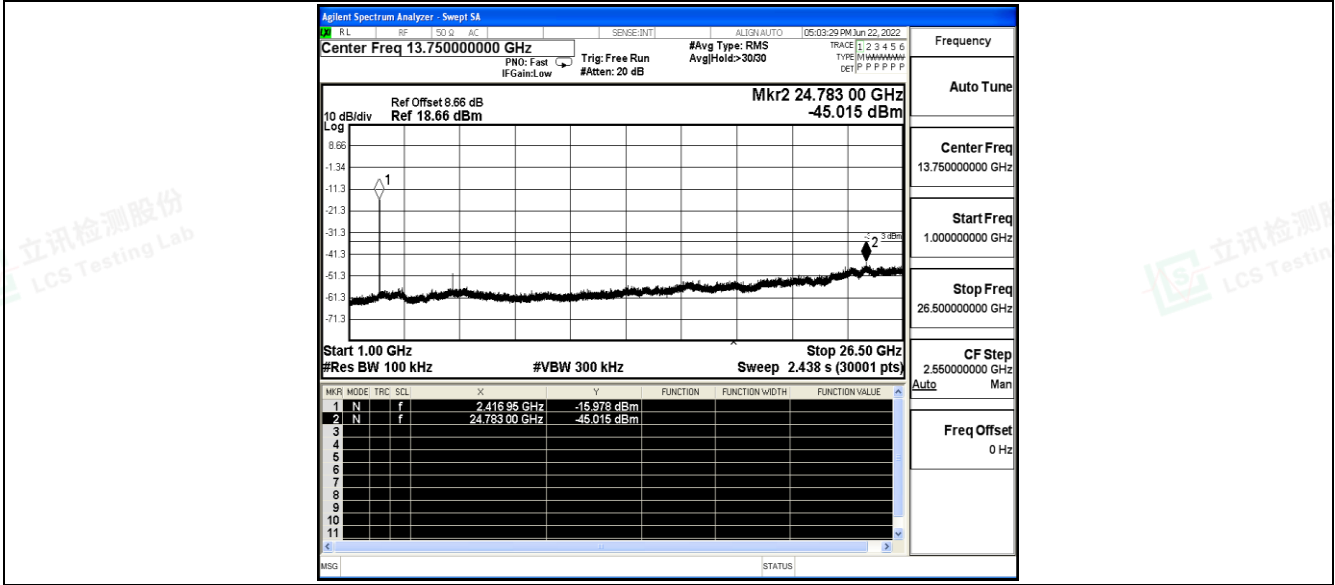


11N40SISO_Ant1_2422_30~1000



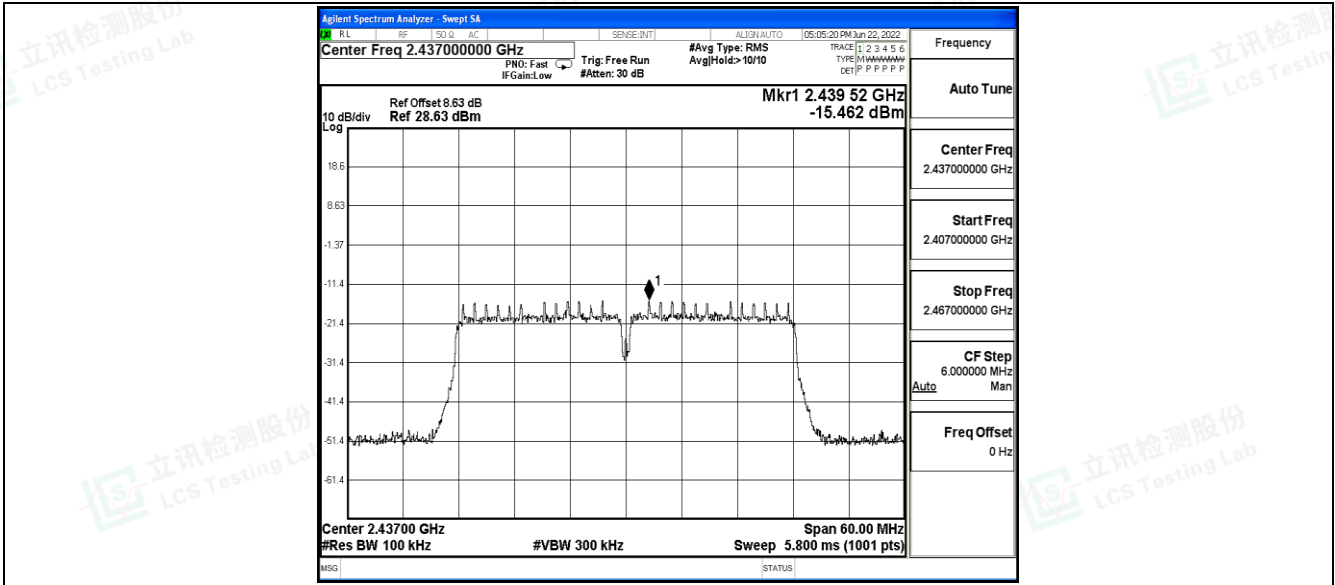


11N40SISO_Ant1_2422_1000~26500

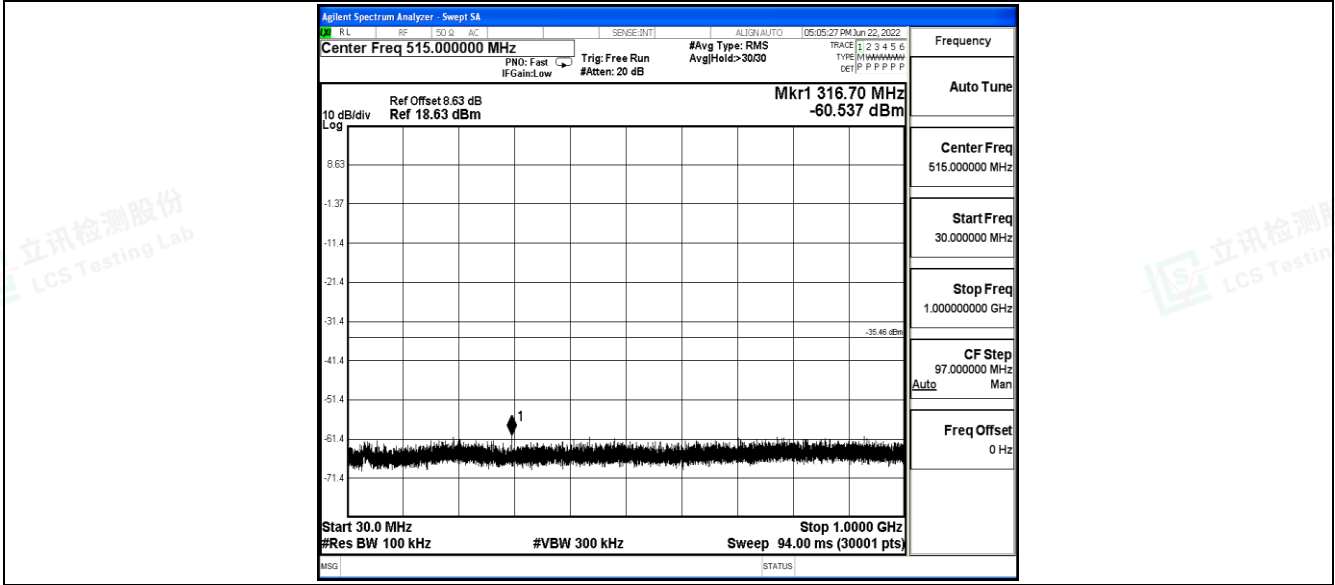


11N40SISO_Ant1_2437_0~Reference



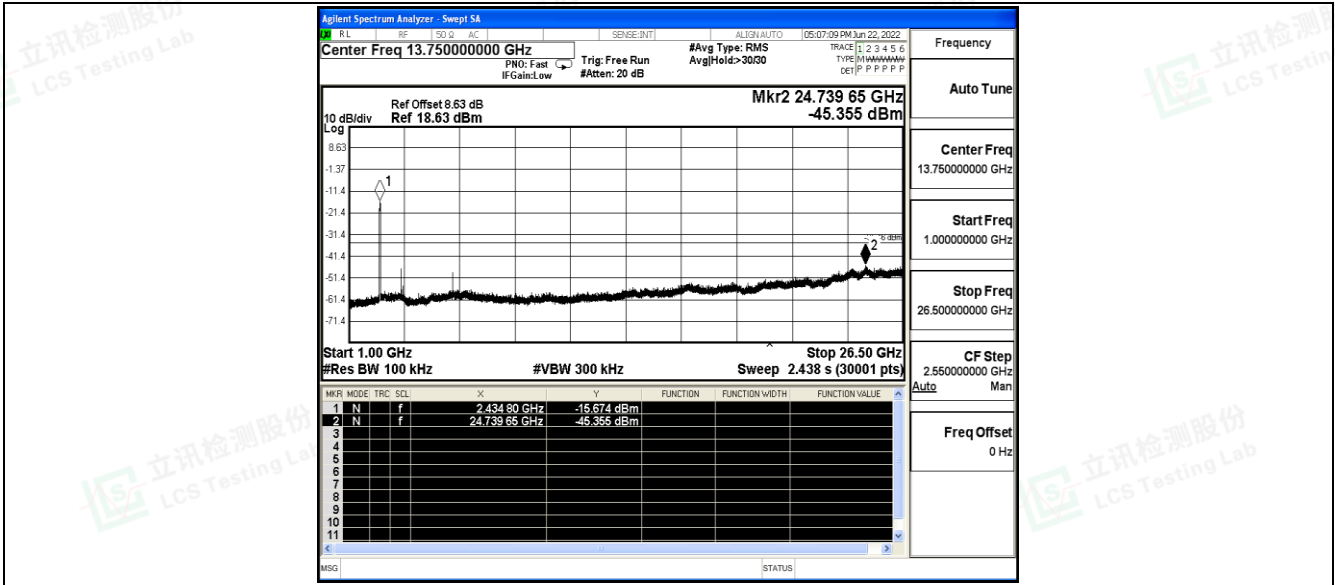


11N40SISO_Ant1_2437_30~1000

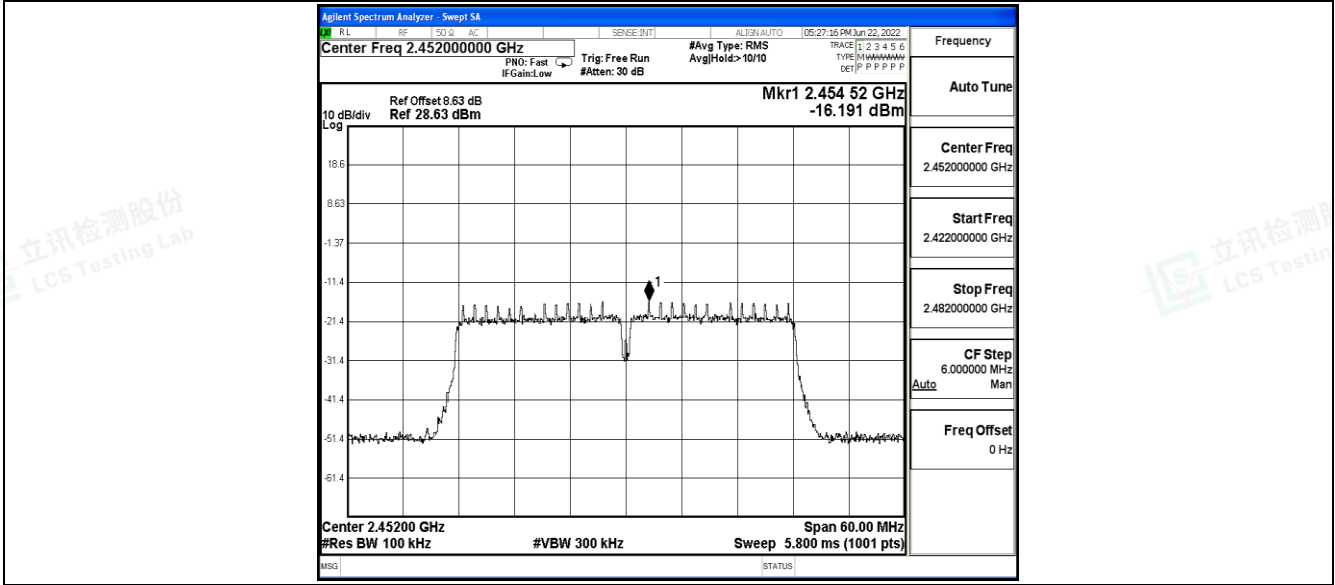


11N40SISO_Ant1_2437_1000~26500



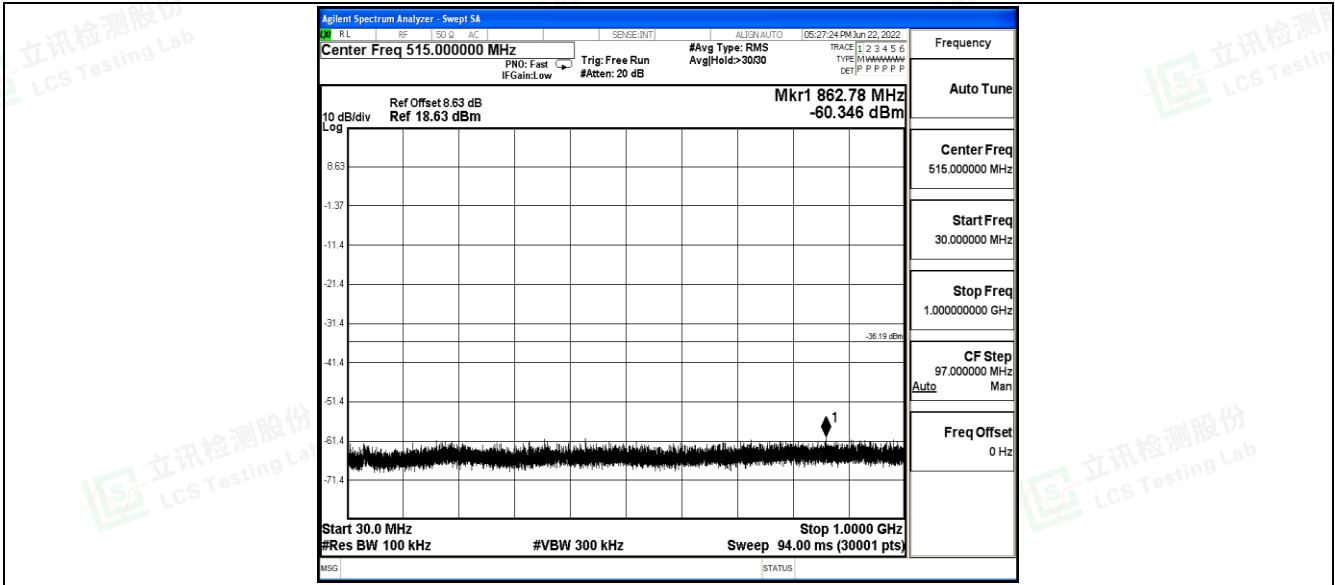


11N40SISO_Ant1_2452_0~Reference

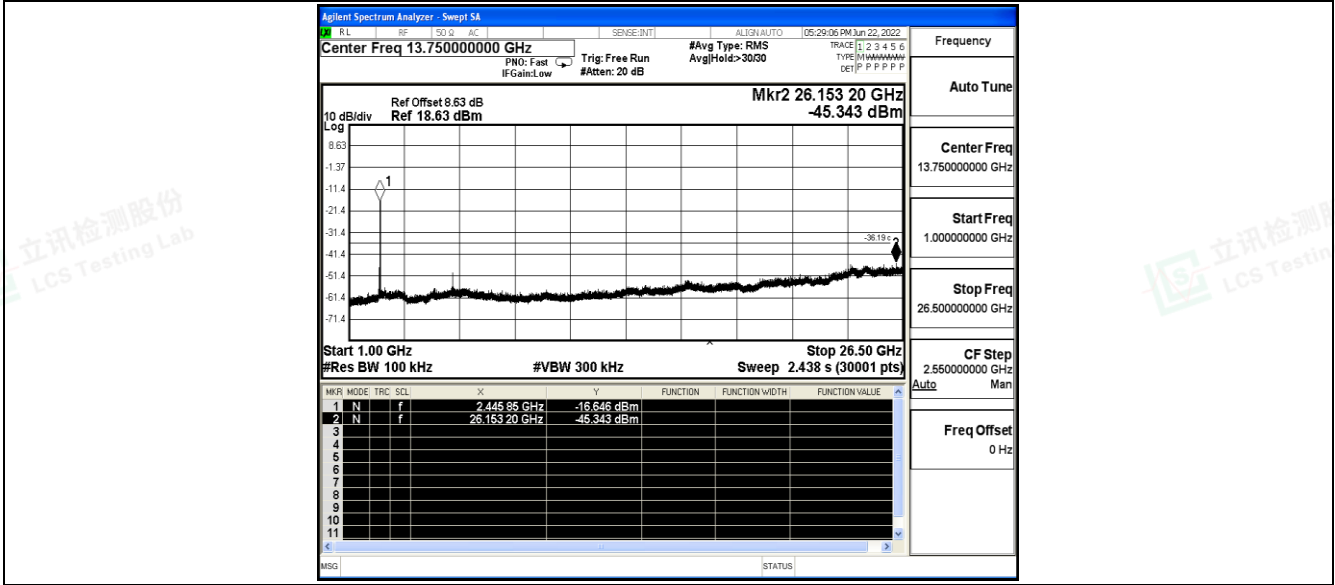


11N40SISO_Ant1_2452_30~1000





11N40SISO_Ant1_2452_1000-26500





B.6 Duty Cycle

Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Fator	1/T
11B	Ant1	2412	8.39	8.41	99.76	0.01	0.12
		2437	8.39	8.41	99.76	0.01	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	1.40	1.43	97.90	0.09	0.71
11N20SISO	Ant1	2412	0.46	0.49	93.88	0.27	2.17
		2437	0.46	0.50	92.00	0.36	2.17
		2462	0.46	0.49	93.88	0.27	2.17
11N40SISO	Ant1	2422	0.65	0.69	94.20	0.26	1.54
		2437	0.65	0.68	95.59	0.20	1.54
		2452	0.65	0.69	94.20	0.26	1.54

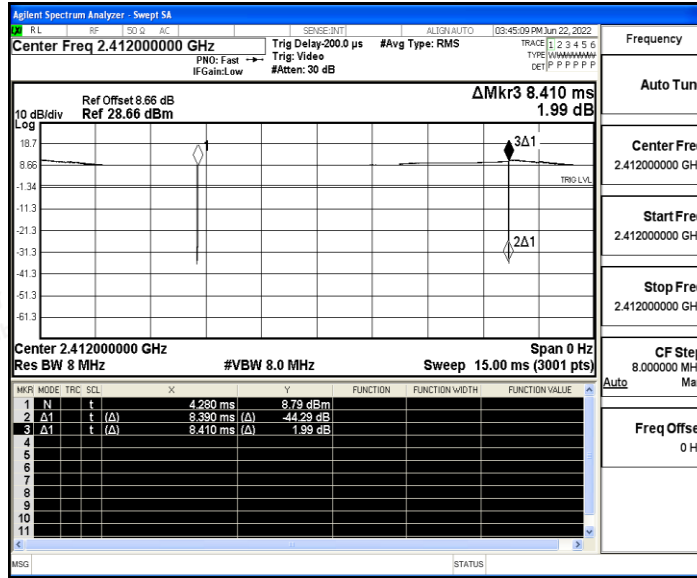


Shenzhen LCS Compliance Testing Laboratory Ltd.
 Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
 Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
 Scan code to check authenticity

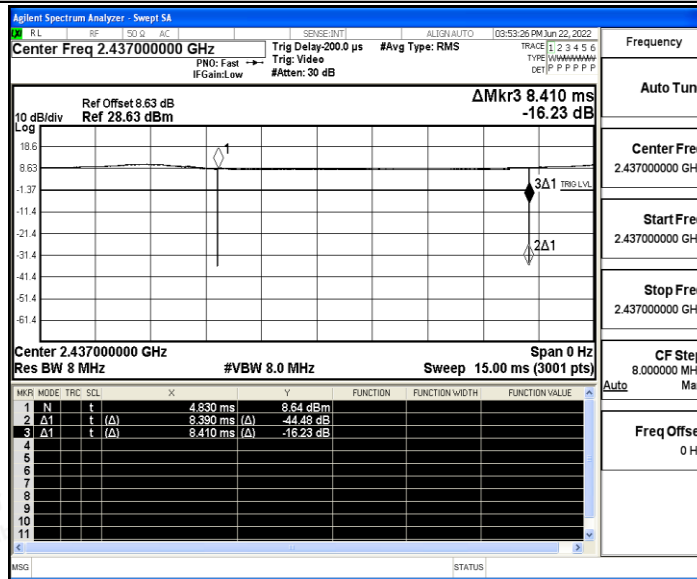


Test Graphs

11B_Ant1_2412

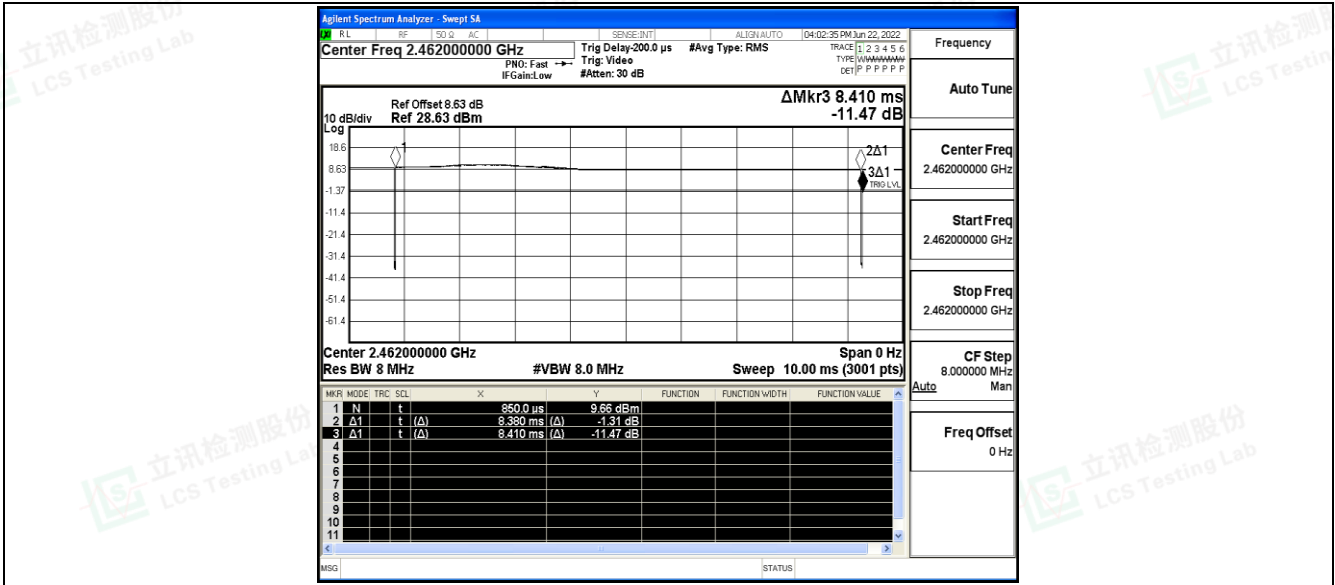


11B_Ant1_2437

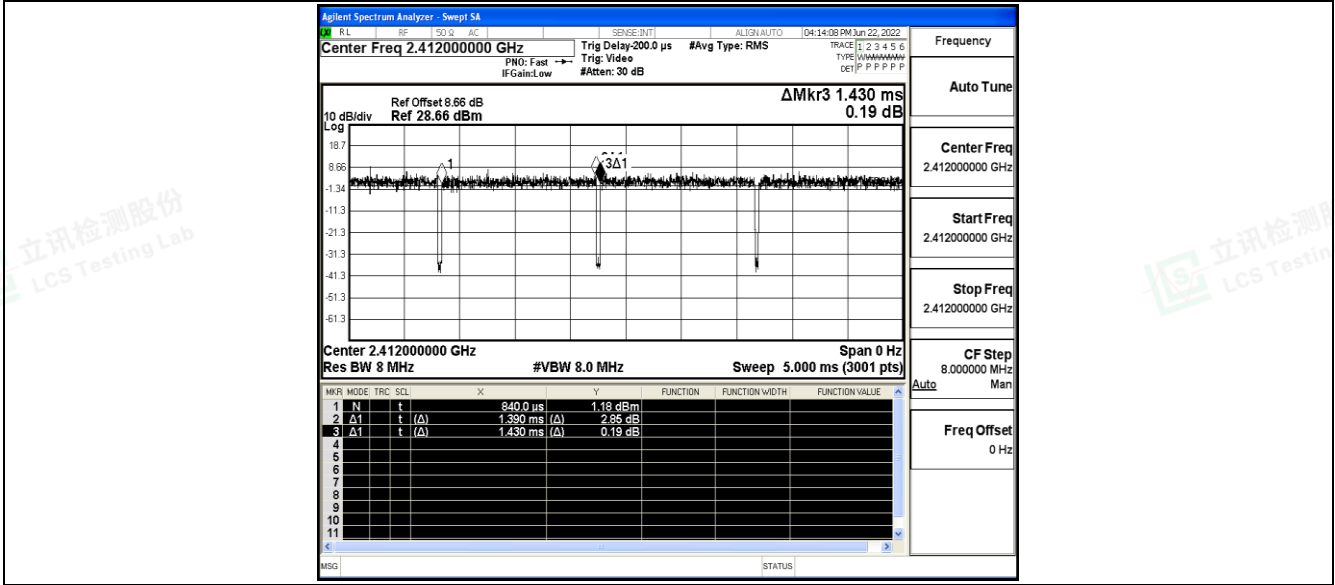


11B_Ant1_2462



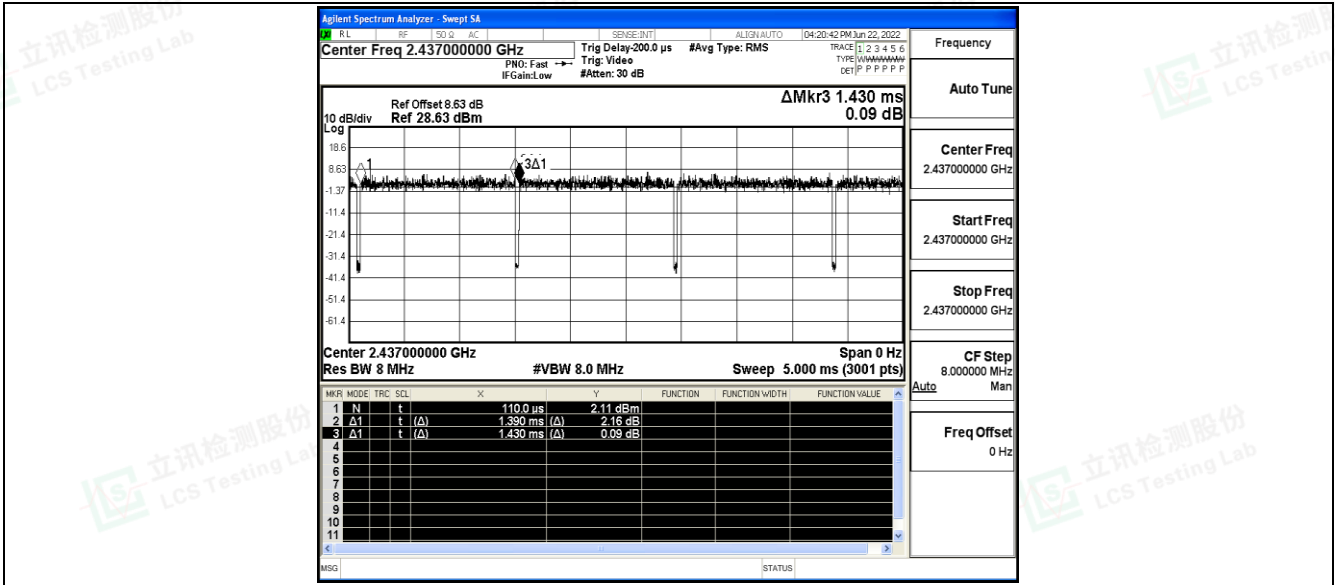


11G_Ant1_2412

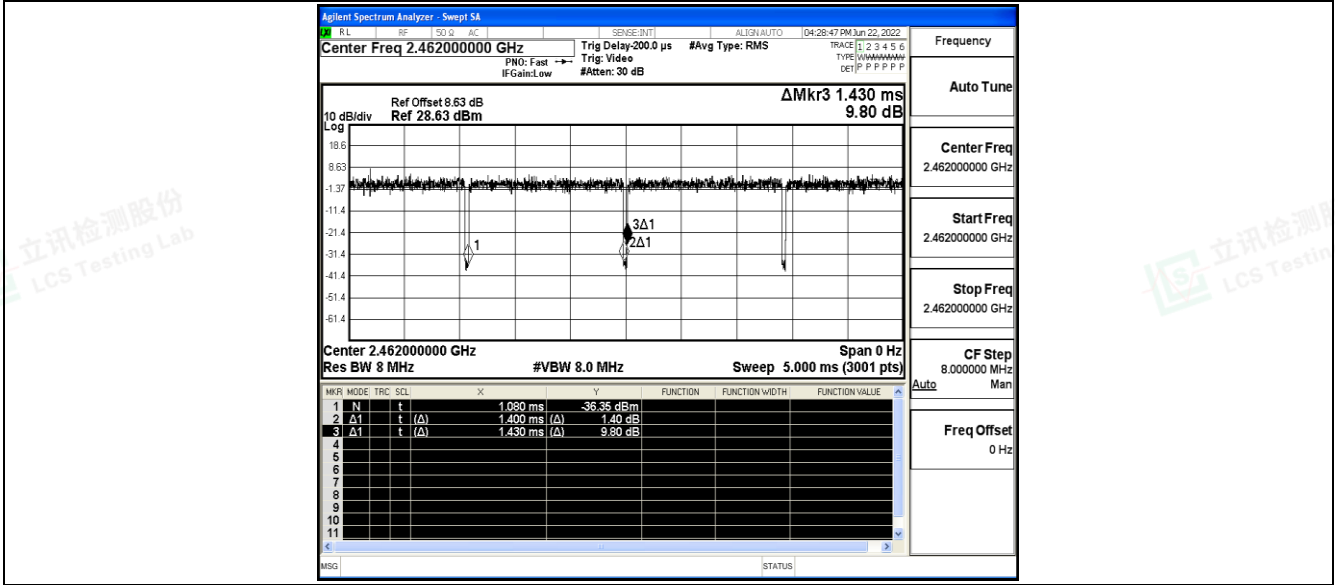


11G_Ant1_2437



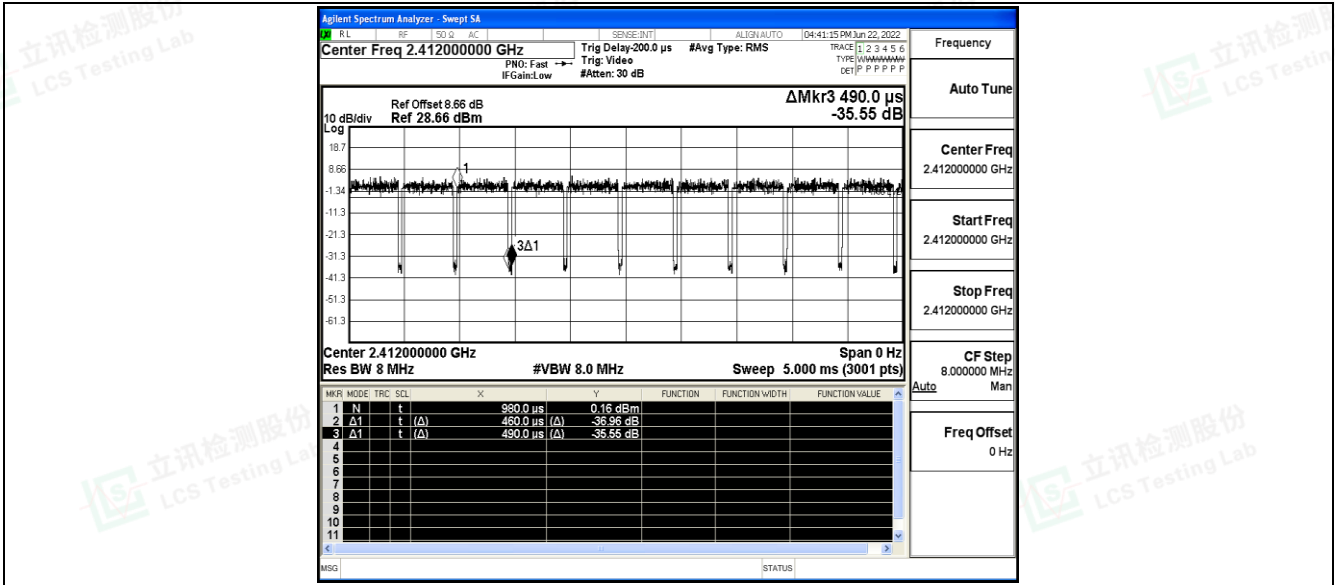


11G_Ant1_2462

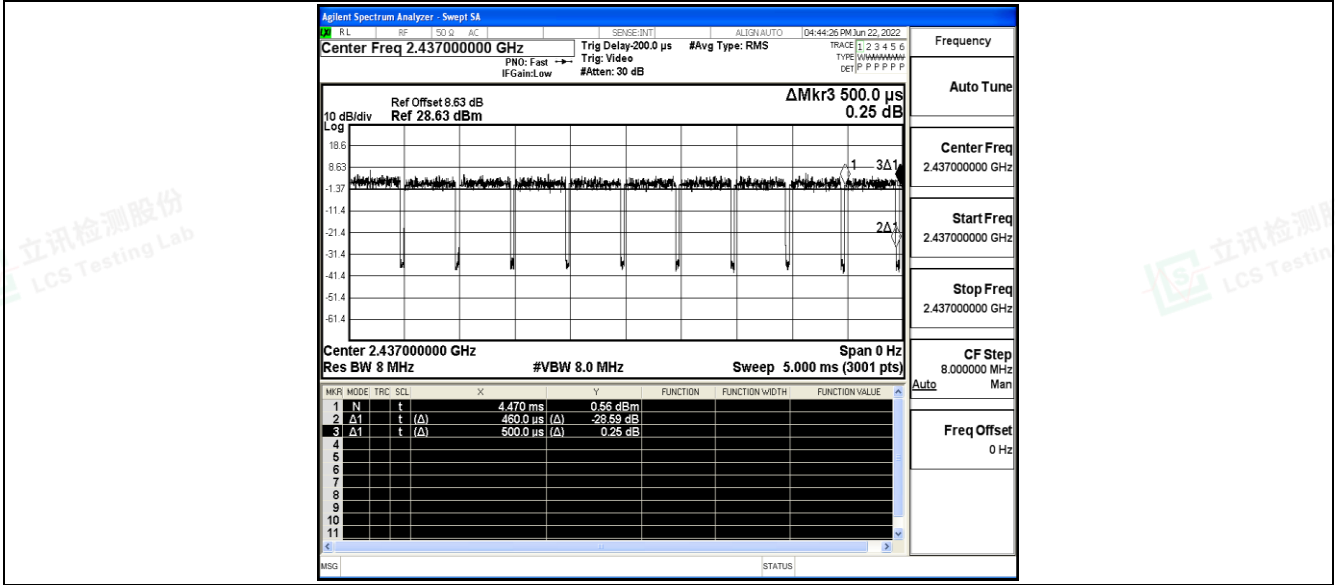


11N20SISO_Ant1_2412



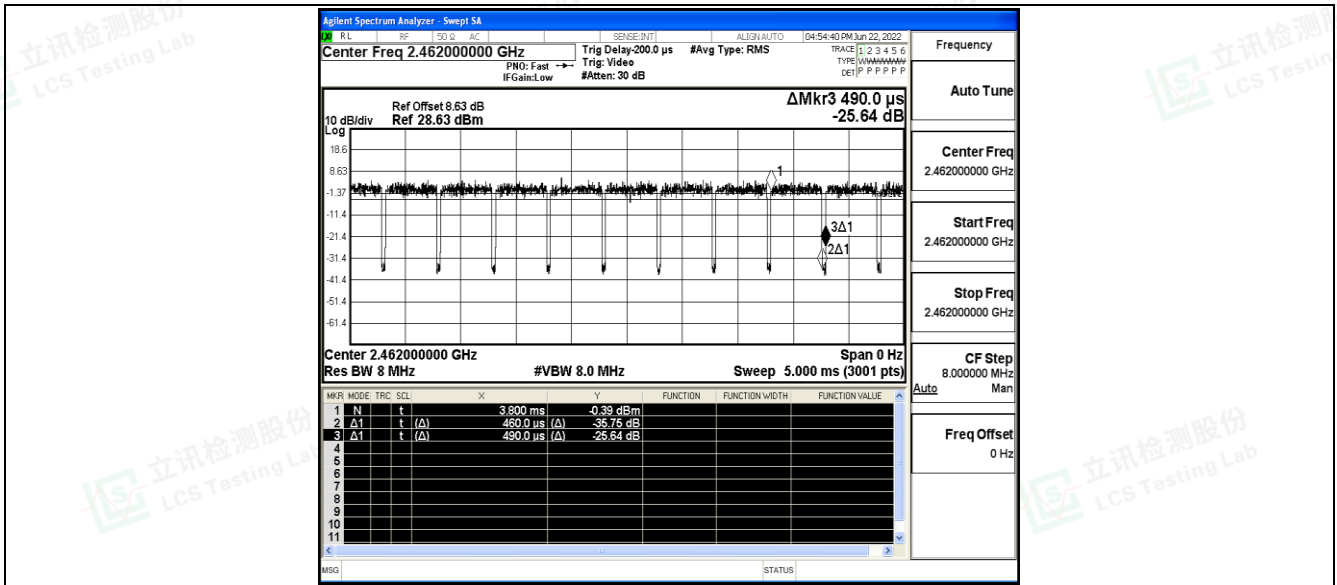


11N20SISO_Ant1_2437

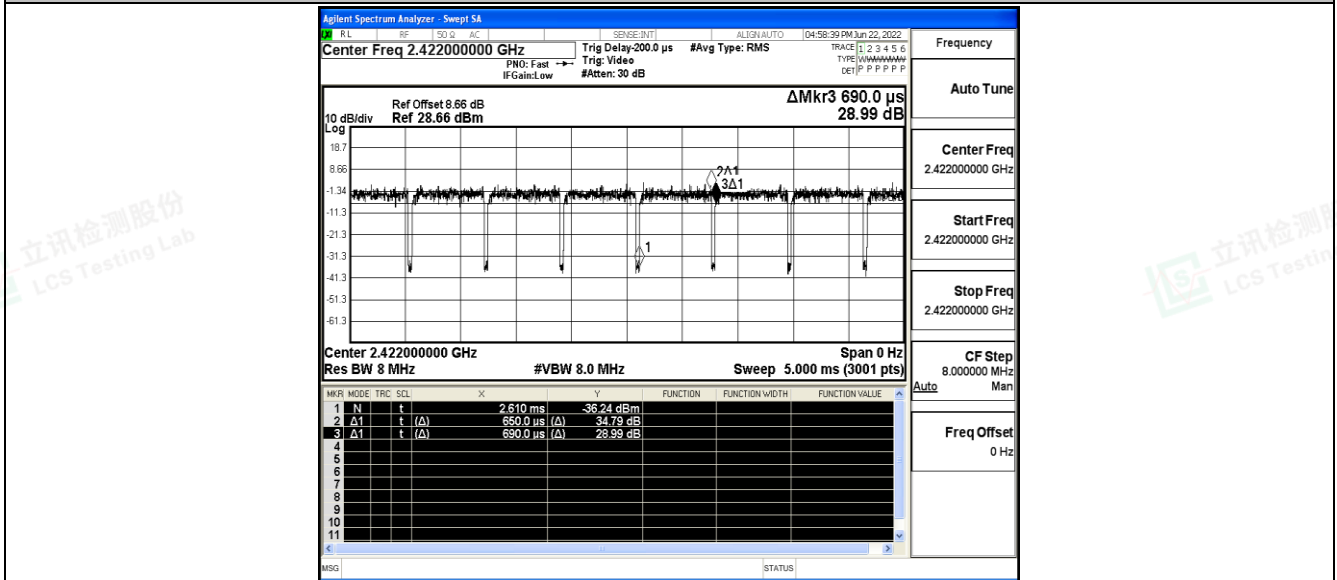


11N20SISO_Ant1_2462



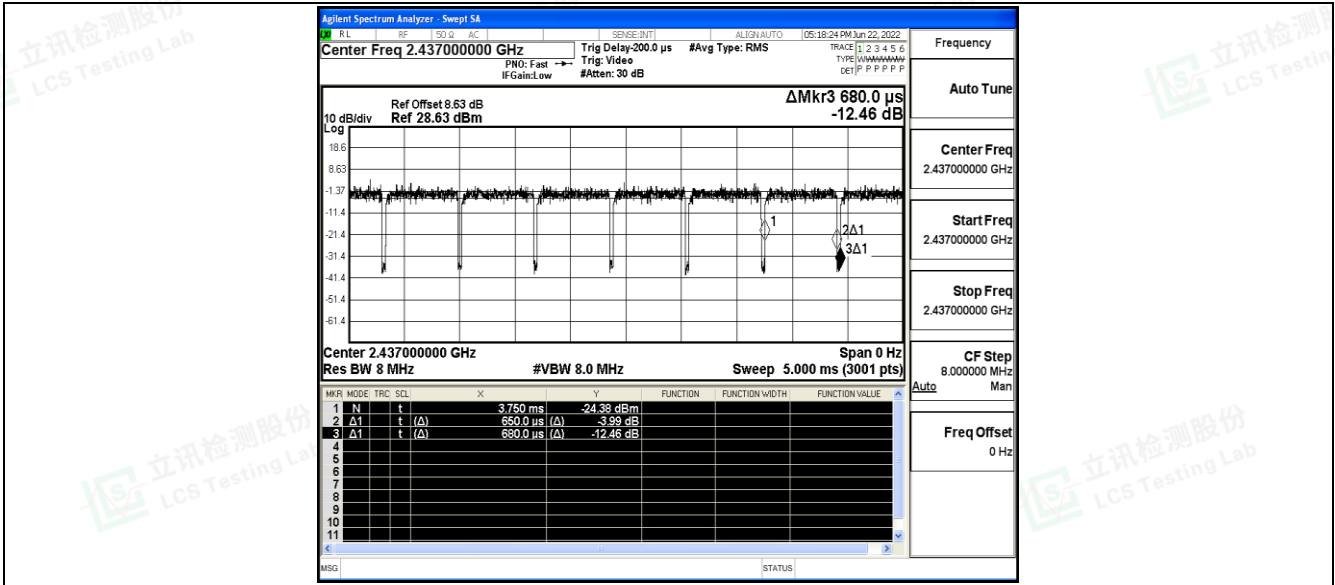


11N40SISO_Ant1_2422

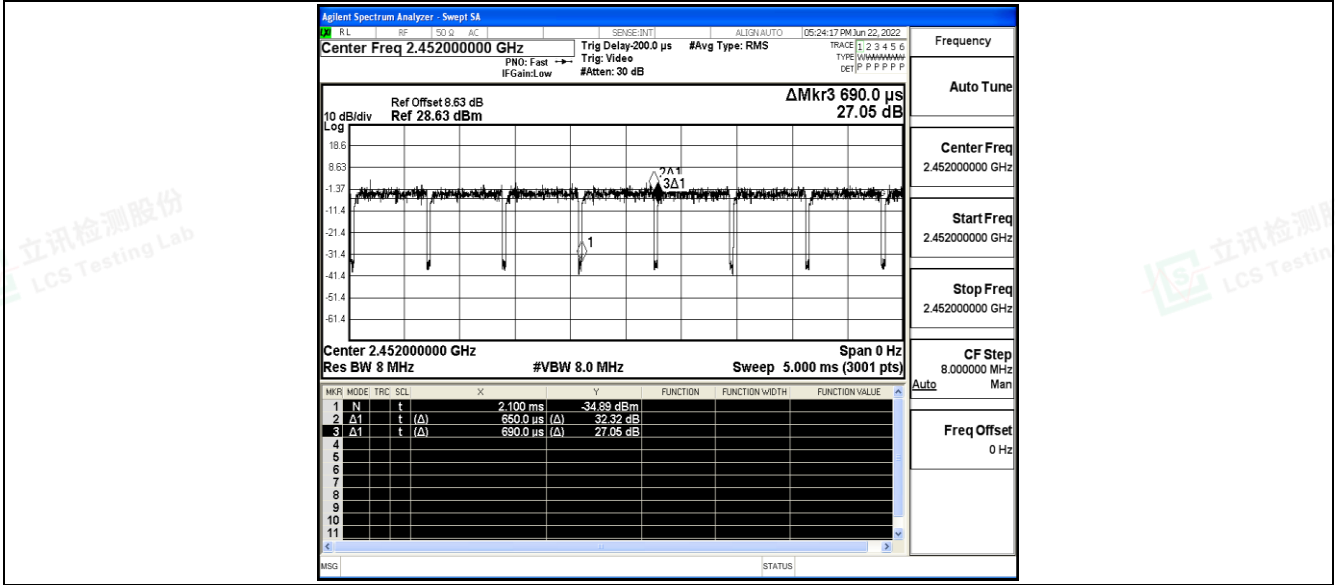


11N40SISO_Ant1_2437





11N40SISO_Ant1_2452





B.7 Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant1	Low	2412	AV	2310.000	-58.63	≤-41.20	36.57	≤54	PASS
				AV	2375.140	-57.74	≤-41.20	37.46	≤54	PASS
				AV	2390.000	-57.79	≤-41.20	37.41	≤54	PASS
				Peak	2310.000	-47.8	≤-21.20	47.40	≤74	PASS
				Peak	2361.100	-45.95	≤-21.20	49.25	≤74	PASS
				Peak	2390.000	-47.37	≤-21.20	47.83	≤74	PASS
		High	2462	AV	2483.500	-57.52	≤-41.20	37.68	≤54	PASS
				AV	2499.950	-57.09	≤-41.20	38.11	≤54	PASS
				AV	2500.000	-57.09	≤-41.20	38.11	≤54	PASS
				Peak	2483.500	-45.47	≤-21.20	49.73	≤74	PASS
				Peak	2485.210	-44.79	≤-21.20	50.41	≤74	PASS
				Peak	2500.000	-45.87	≤-21.20	49.33	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-58.14	≤-41.20	37.06	≤54	PASS
				AV	2389.570	-56.36	≤-41.20	38.84	≤54	PASS
				AV	2390.000	-56.52	≤-41.20	38.68	≤54	PASS
				Peak	2310.000	-47.98	≤-21.20	47.22	≤74	PASS
				Peak	2388.270	-45.37	≤-21.20	49.83	≤74	PASS
				Peak	2390.000	-46.31	≤-21.20	48.89	≤74	PASS
		High	2462	AV	2483.500	-56.64	≤-41.20	38.56	≤54	PASS
				AV	2485.100	-56.52	≤-41.20	38.68	≤54	PASS
				AV	2500.000	-56.75	≤-41.20	38.45	≤54	PASS
				Peak	2483.500	-45.63	≤-21.20	49.57	≤74	PASS
				Peak	2487.410	-44.38	≤-21.20	50.82	≤74	PASS
				Peak	2500.000	-46.67	≤-21.20	48.53	≤74	PASS
11N20SIS O	Ant1	Low	2412	AV	2310.000	-58.24	≤-41.20	36.96	≤54	PASS
				AV	2389.830	-57.16	≤-41.20	38.04	≤54	PASS
				AV	2390.000	-57.16	≤-41.20	38.04	≤54	PASS
				Peak	2310.000	-47.18	≤-21.20	48.02	≤74	PASS
				Peak	2376.960	-45.17	≤-21.20	50.03	≤74	PASS
				Peak	2390.000	-46.22	≤-21.20	48.98	≤74	PASS
		High	2462	AV	2483.500	-56.89	≤-41.20	38.31	≤54	PASS
				AV	2483.670	-56.9	≤-41.20	38.30	≤54	PASS
				AV	2500.000	-56.99	≤-41.20	38.21	≤54	PASS
				Peak	2483.500	-45.15	≤-21.20	50.05	≤74	PASS





11N40SIS O	Ant1	Low	2422	Peak	2496.980	-44.96	≤-21.20	50.24	≤74	PASS
				Peak	2500.000	-46.39	≤-21.20	48.81	≤74	PASS
				AV	2310.000	-57.89	≤-41.20	37.31	≤54	PASS
				AV	2384.240	-56.58	≤-41.20	38.62	≤54	PASS
				AV	2390.000	-56.82	≤-41.20	38.38	≤54	PASS
				Peak	2310.000	-48.33	≤-21.20	46.87	≤74	PASS
				Peak	2389.960	-44.83	≤-21.20	50.37	≤74	PASS
	High	2452	Peak	2390.000	-44.83	≤-21.20	50.37	≤74	PASS	
			AV	2483.500	-56.48	≤-41.20	38.72	≤54	PASS	
			AV	2492.360	-56.35	≤-41.20	38.85	≤54	PASS	
			AV	2500.000	-56.55	≤-41.20	38.65	≤54	PASS	
			Peak	2483.500	-46.63	≤-21.20	48.57	≤74	PASS	
			Peak	2484.220	-44.65	≤-21.20	50.55	≤74	PASS	
			Peak	2500.000	-46.6	≤-21.20	48.60	≤74	PASS	

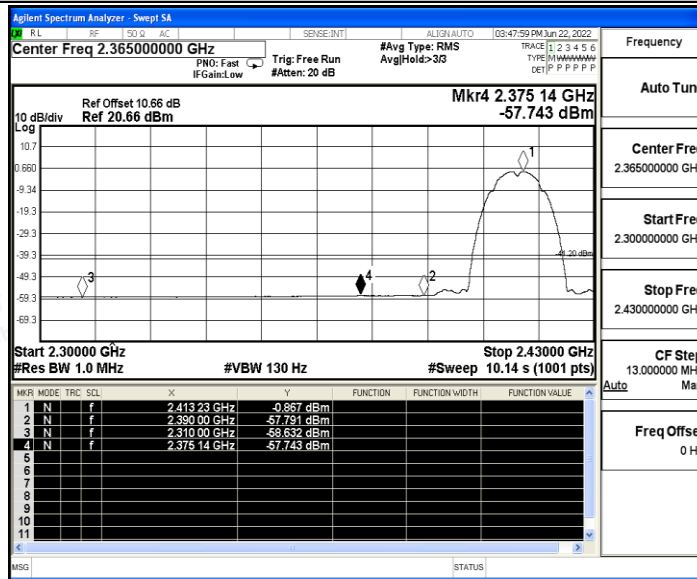
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.



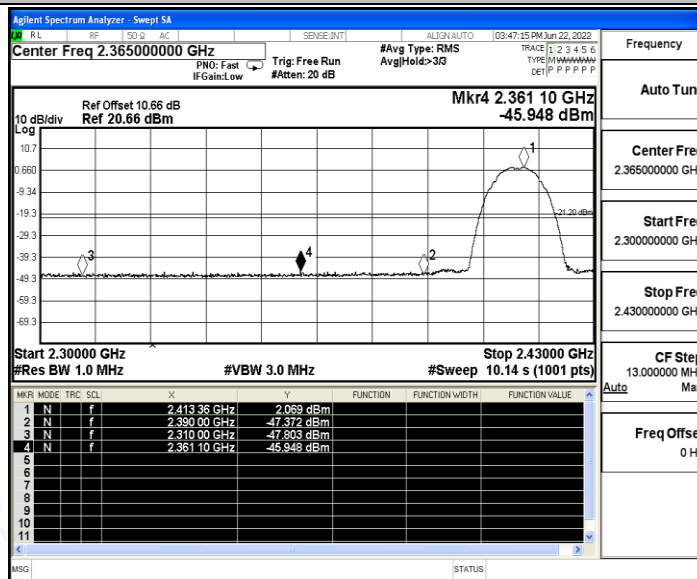


Test Graphs

11B_Ant1_Low_2412_AV

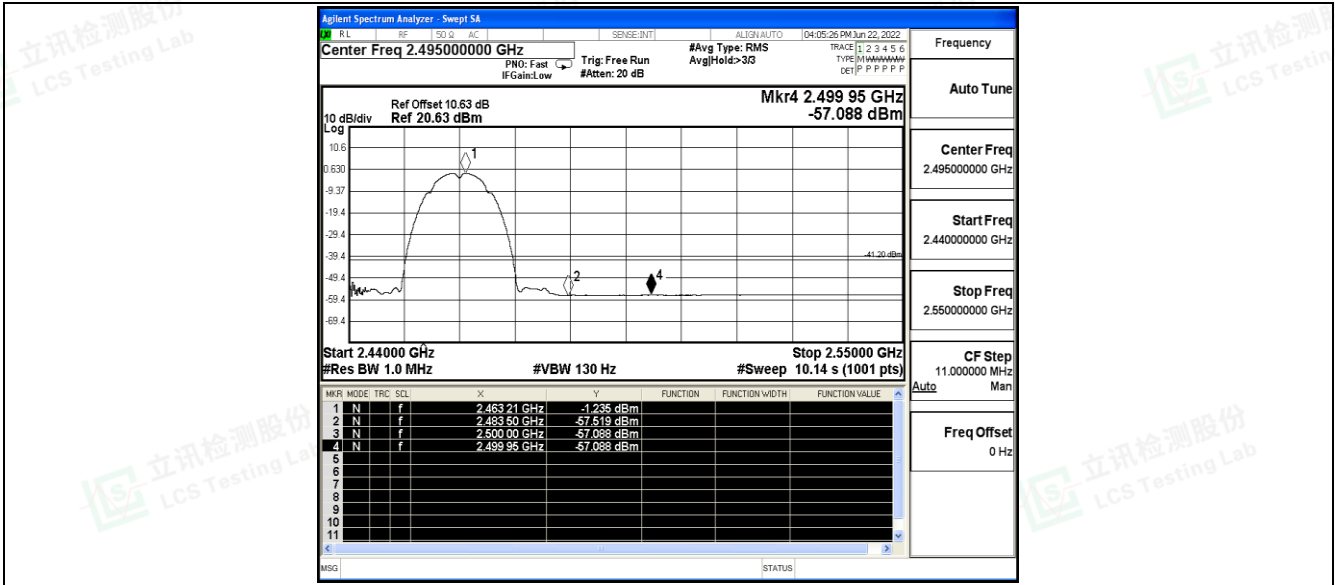


11B_Ant1_Low_2412_Peak

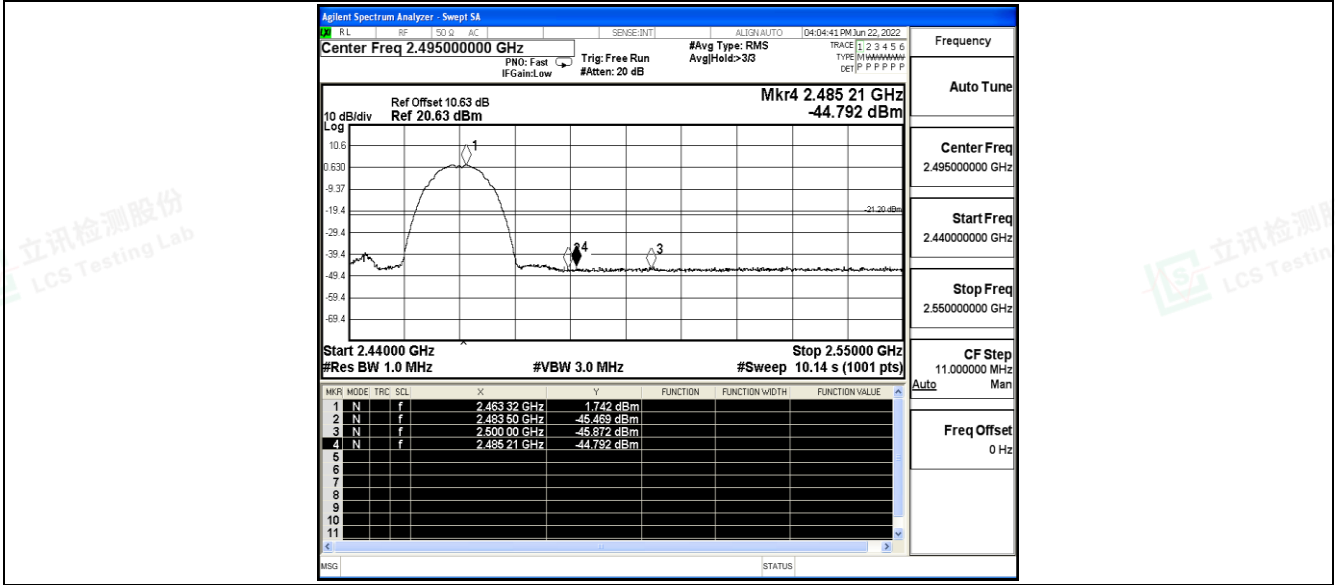


11B_Ant1_High_2462_AV



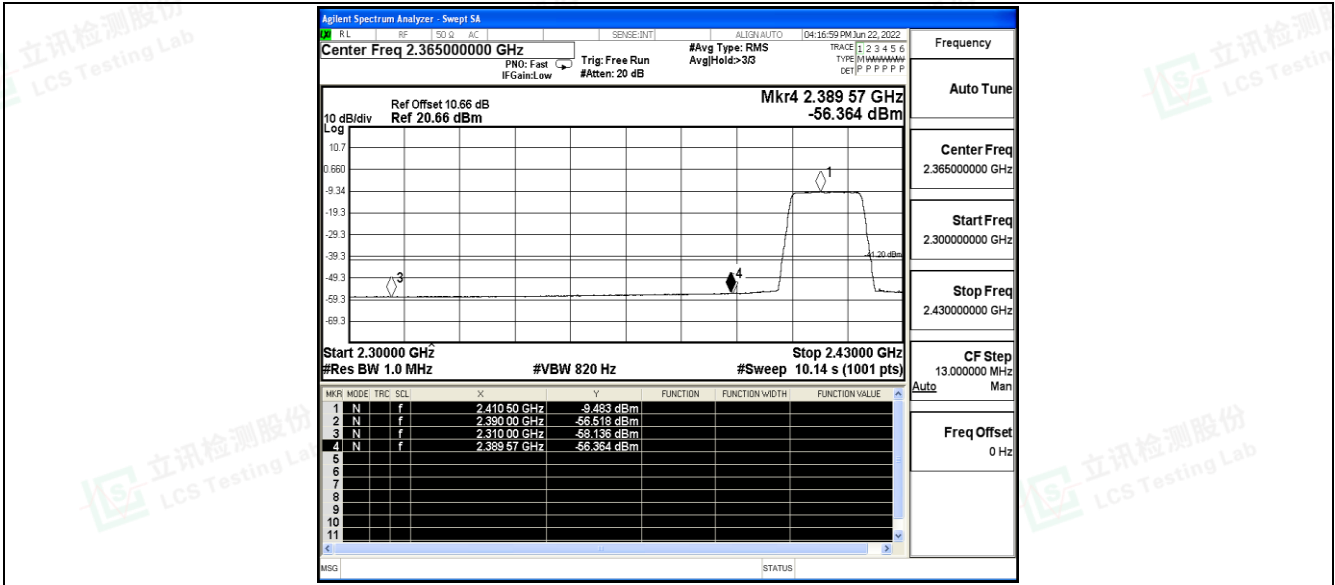


11B_Ant1_High_2462_Peak

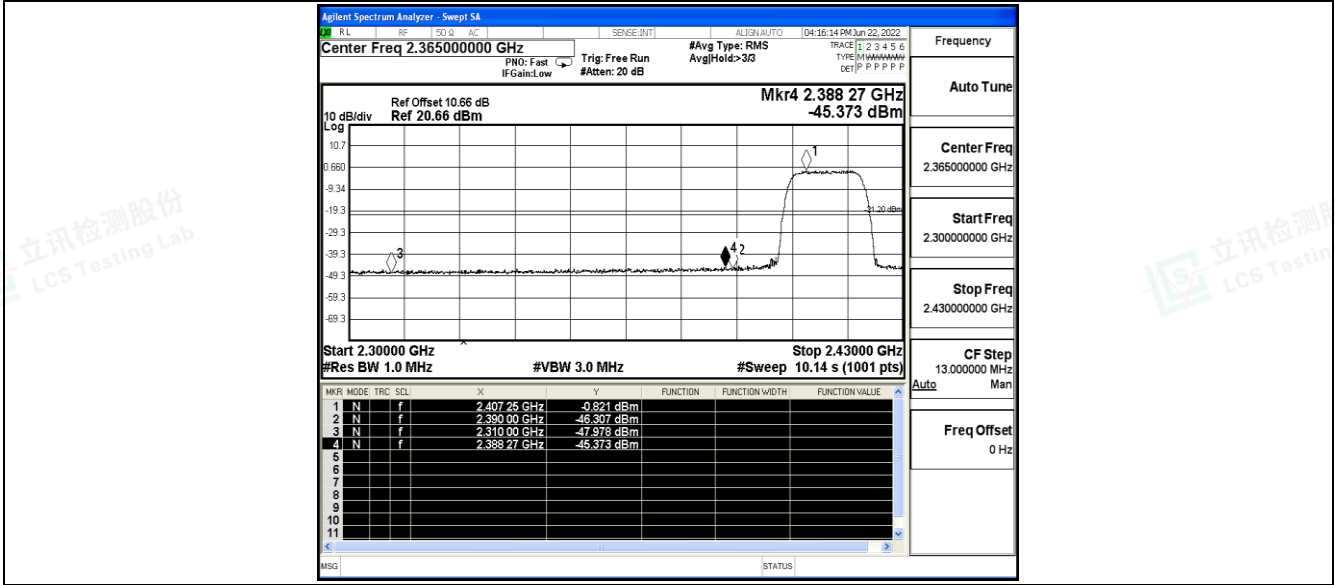


11G_Ant1_Low_2412_AV



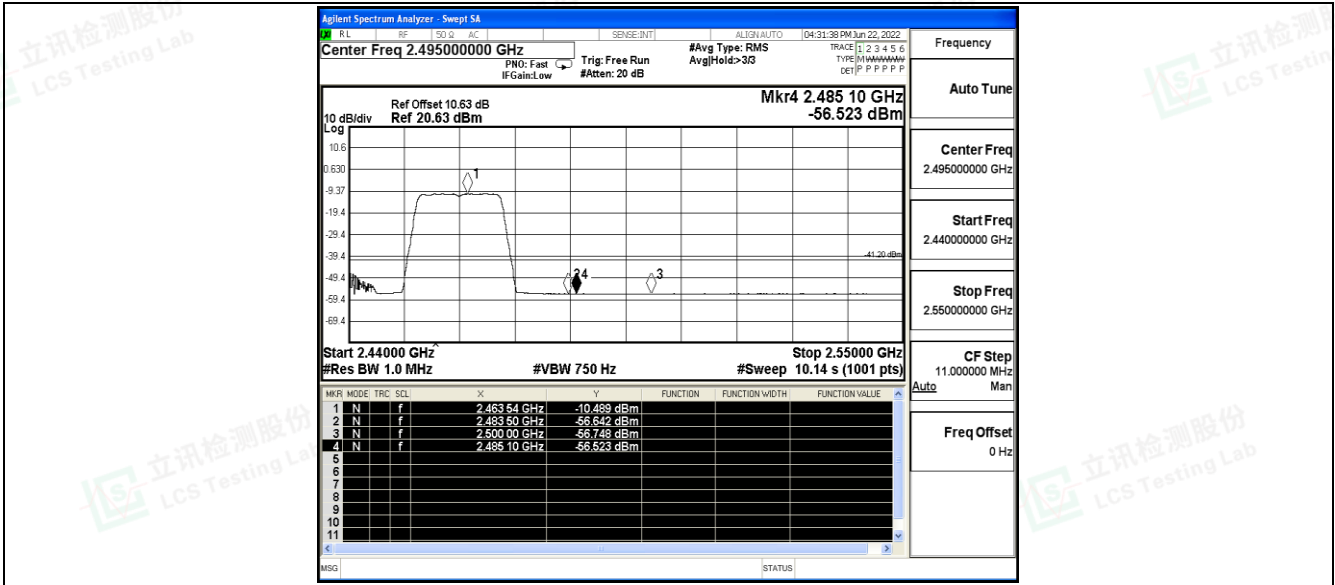


11G_Ant1_Low_2412_Peak

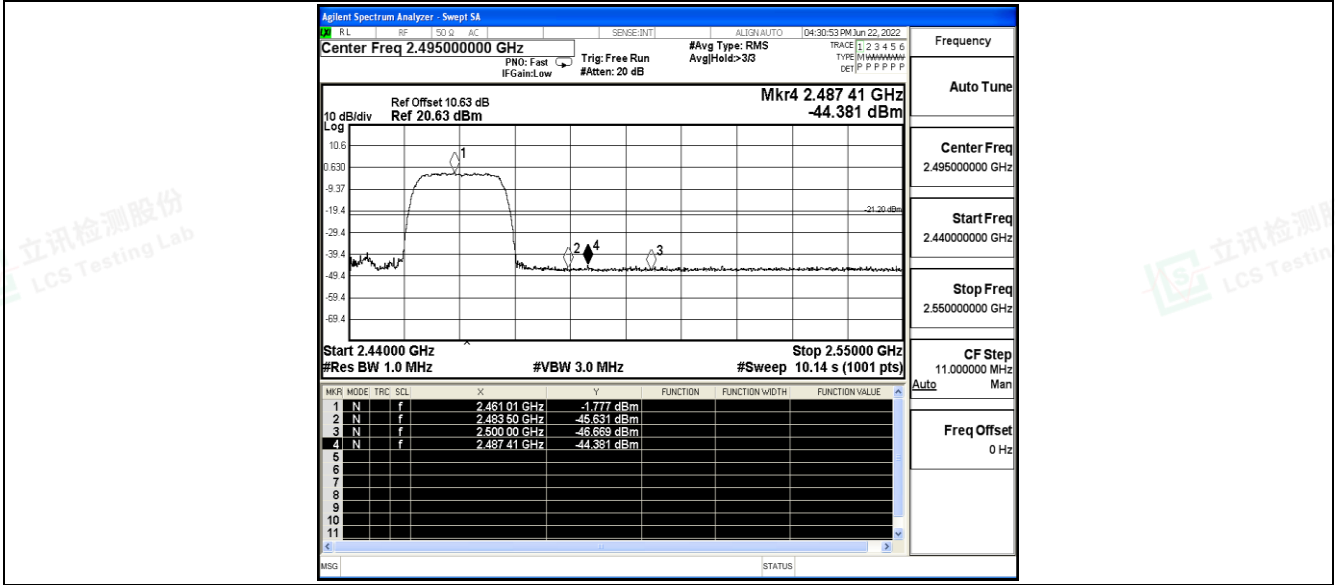


11G_Ant1_High_2462_AV



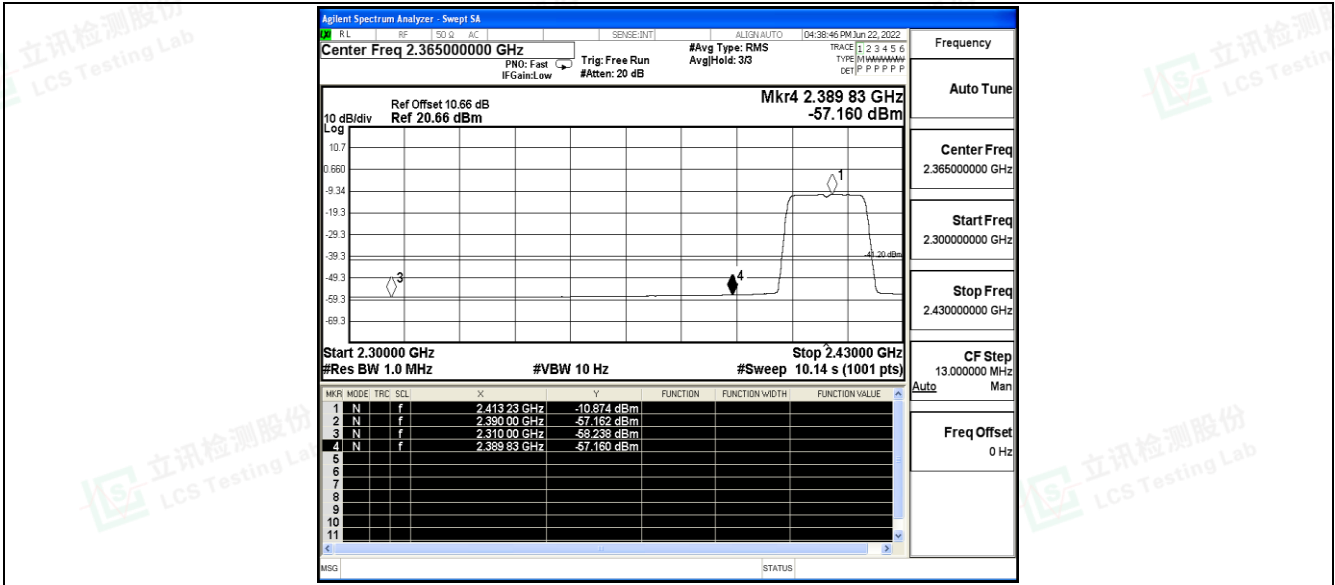


11G_Ant1_High_2462_Peak

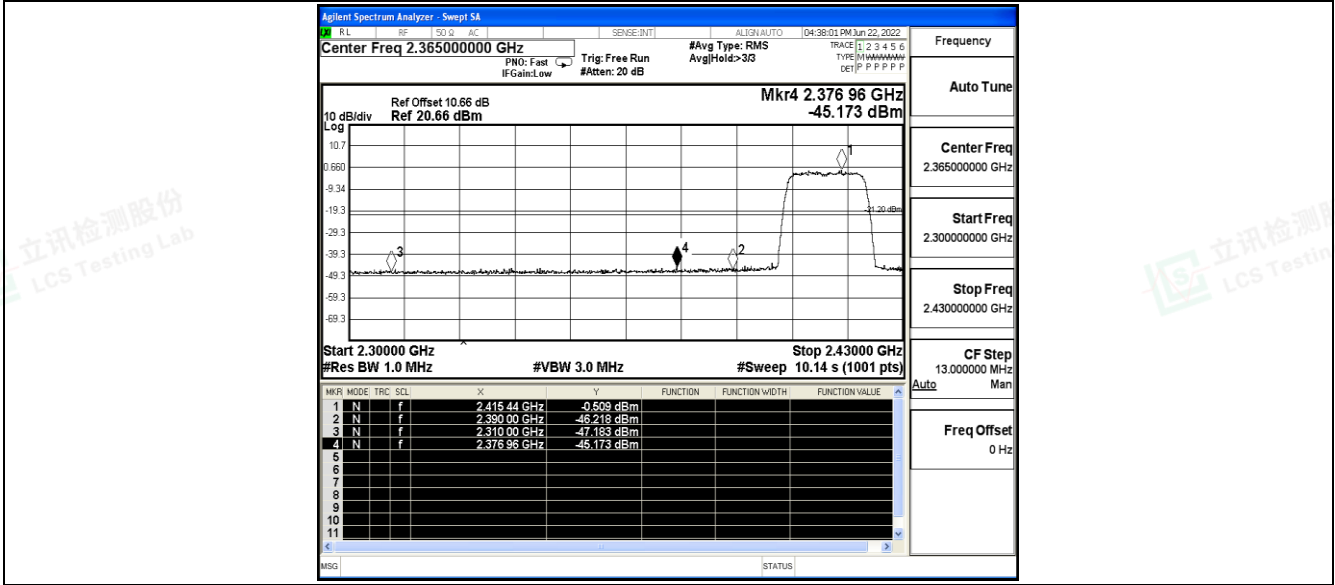


11N20SISO_Ant1_Low_2412_AV



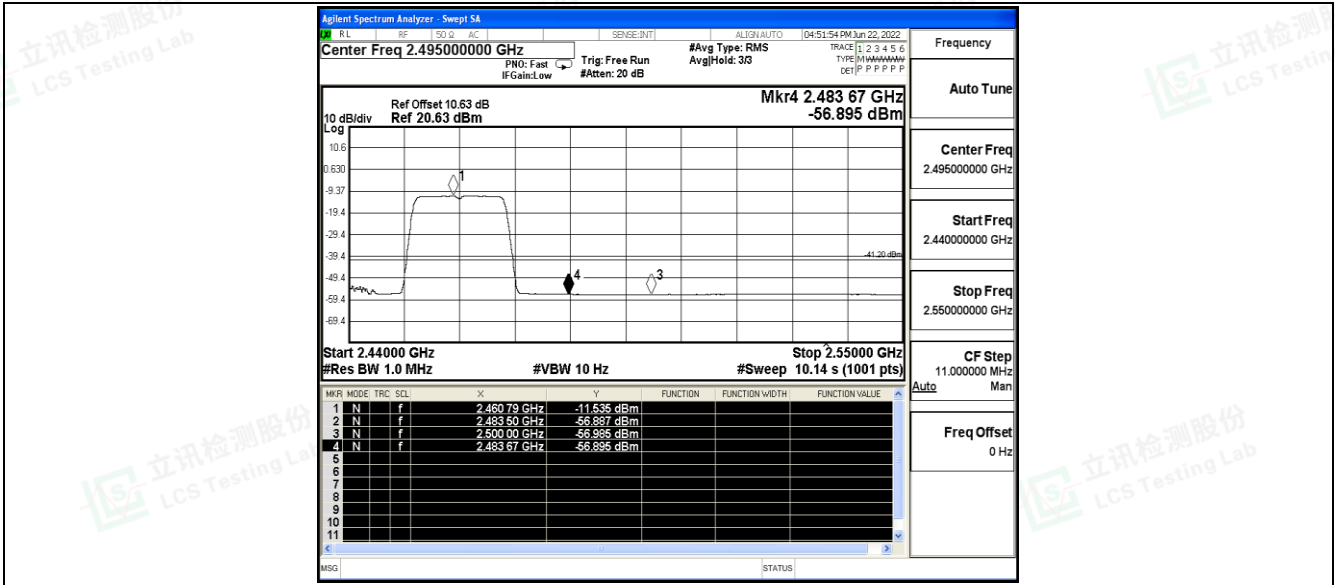


11N20SISO_Ant1_Low_2412_Peak

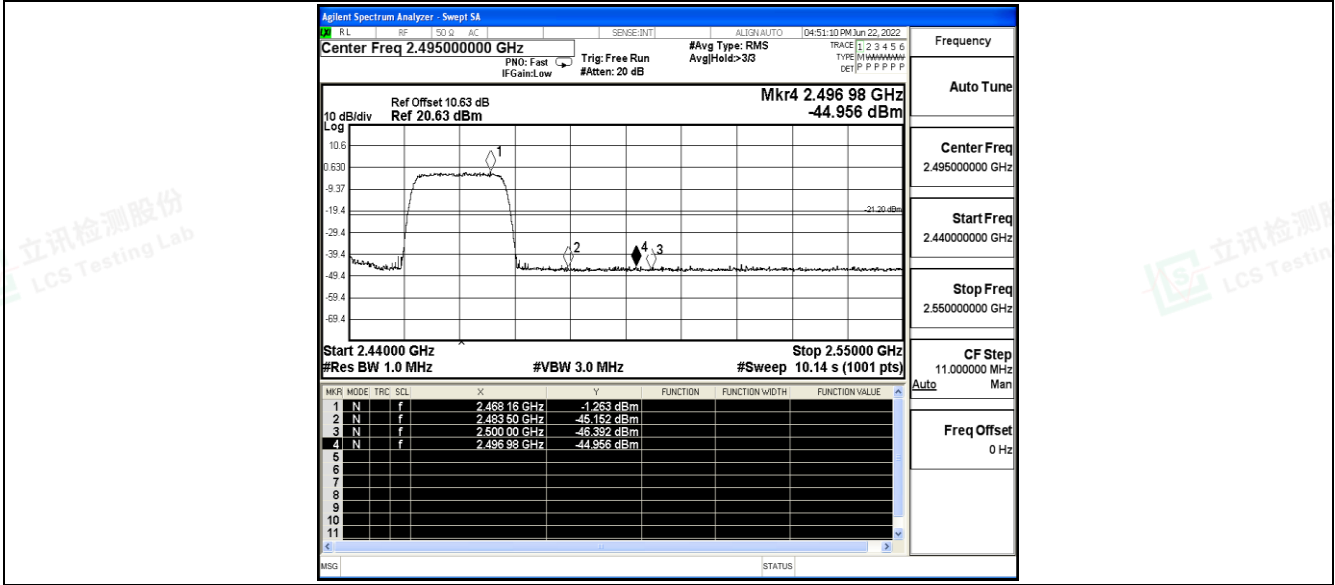


11N20SISO_Ant1_High_2462_AV



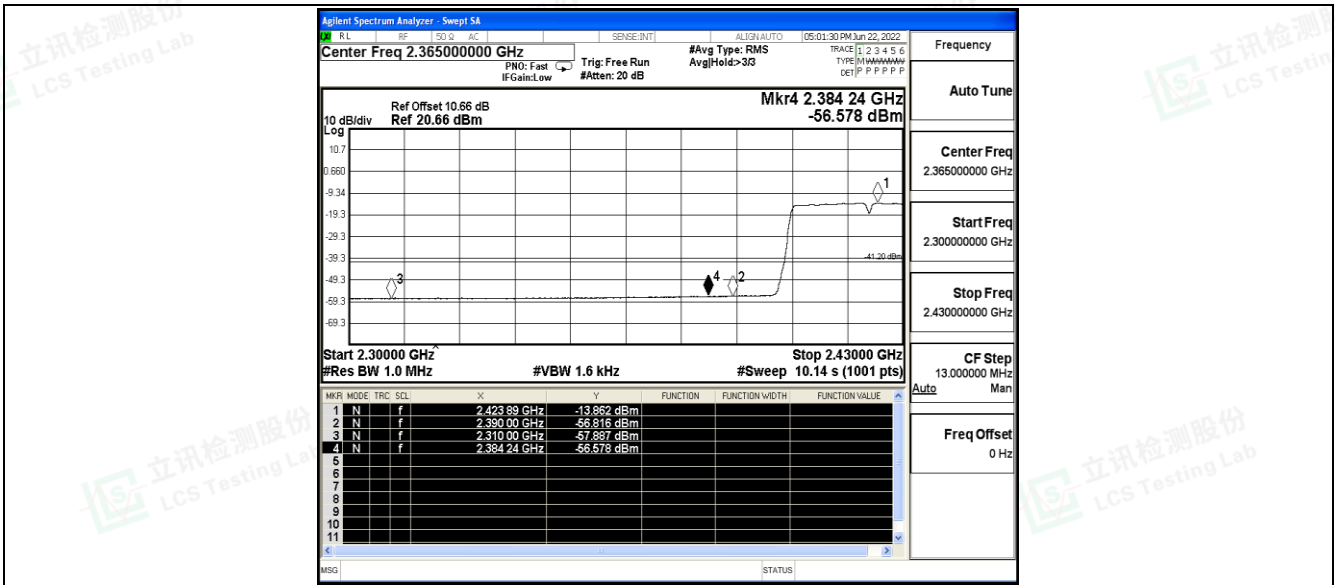


11N20SISO_Ant1_High_2462_Peak

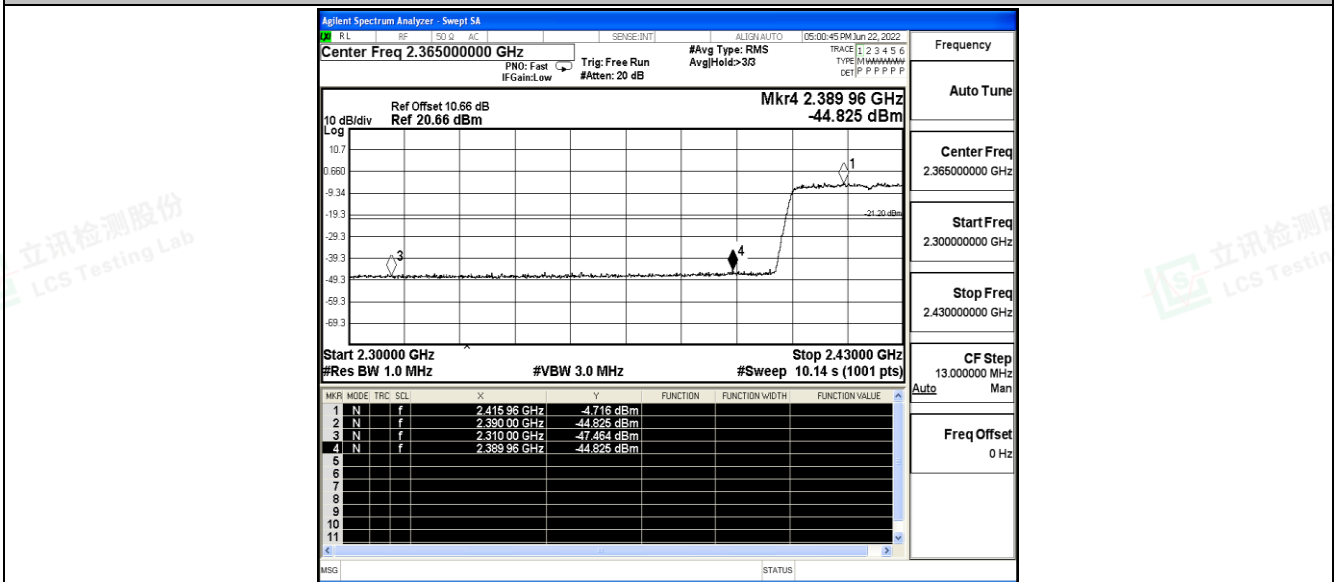


11N40SISO_Ant1_Low_2422_AV



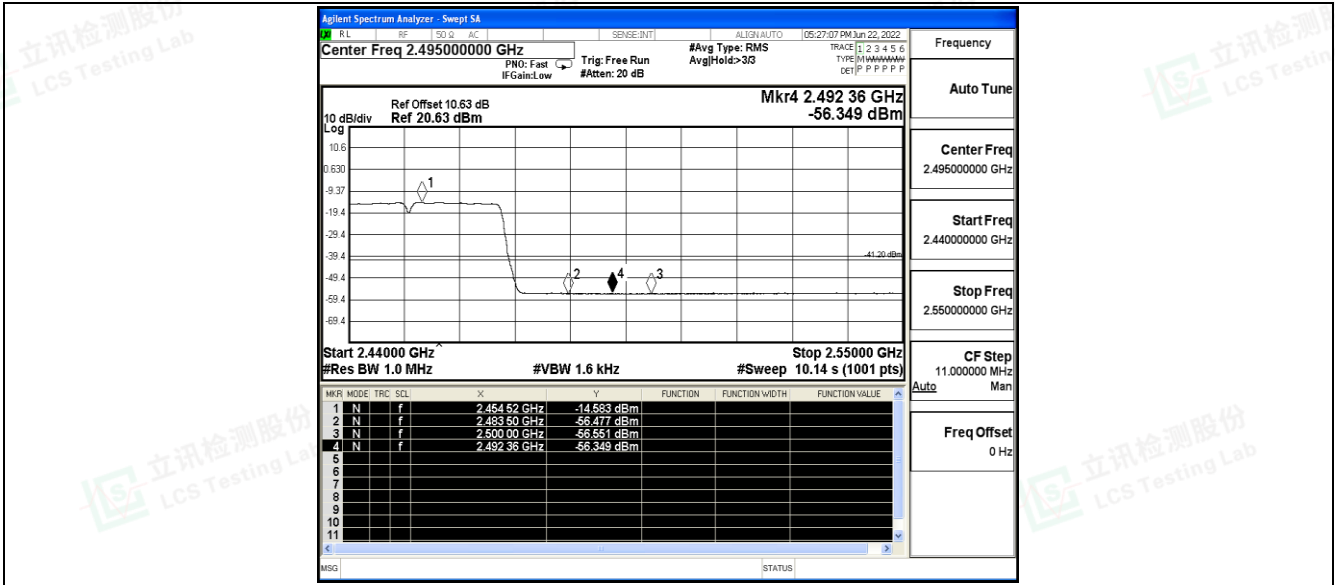


11N40SISO_Ant1_Low_2422_Peak



11N40SISO_Ant1_High_2452_AV





11N40SISO_Ant1_High_2452_Peak

