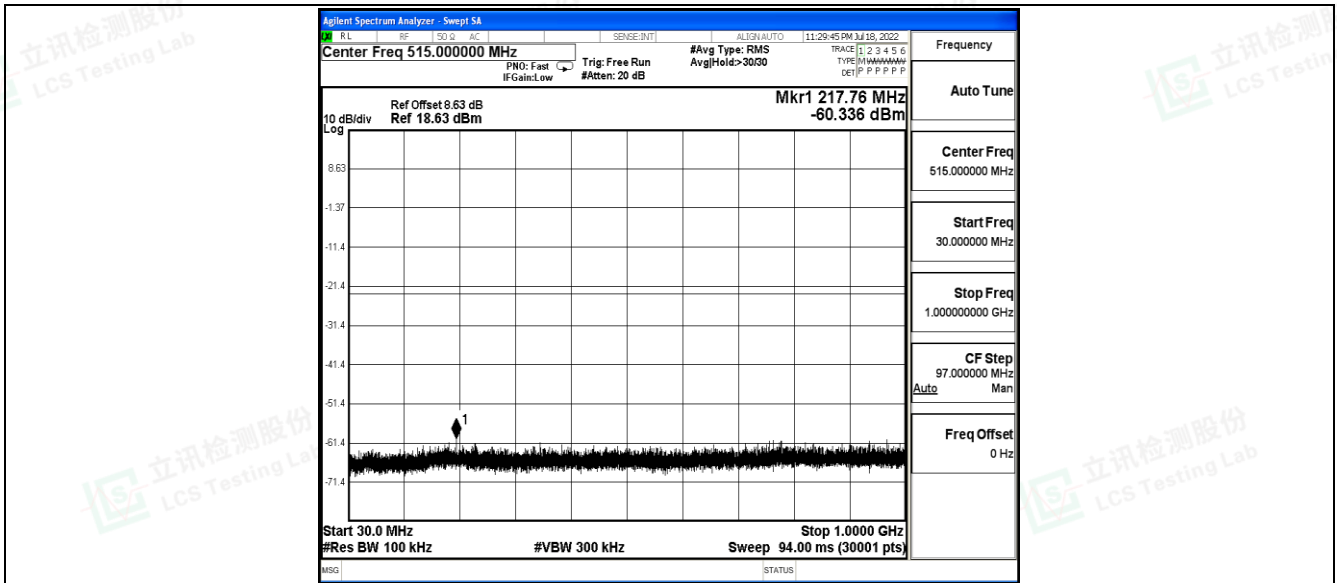
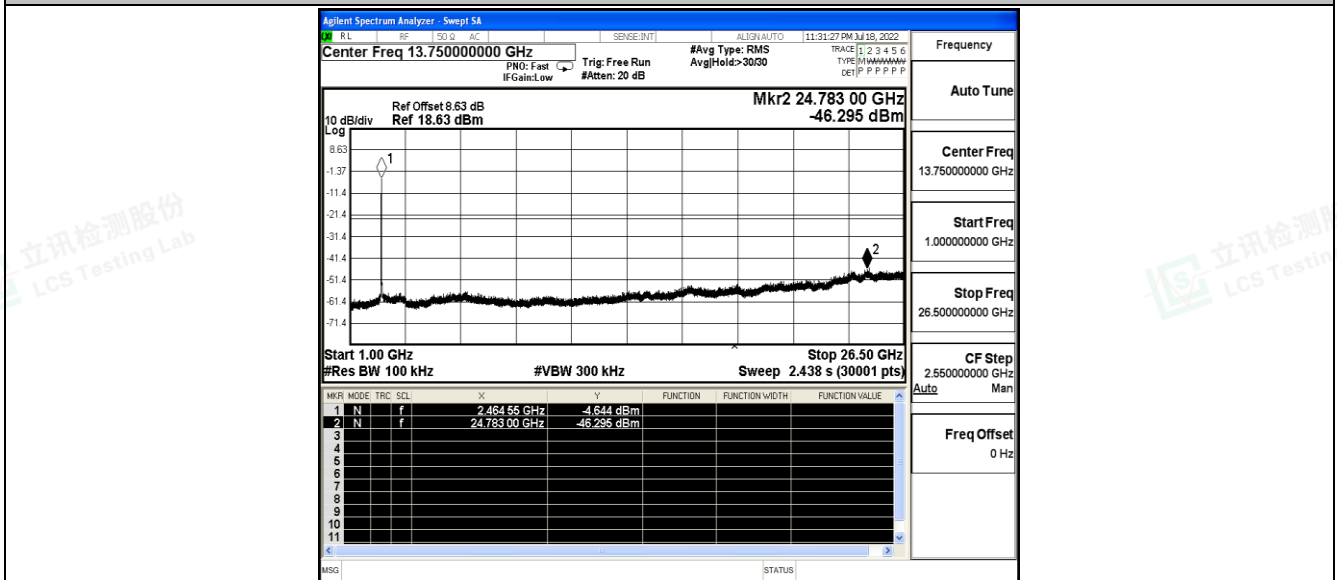


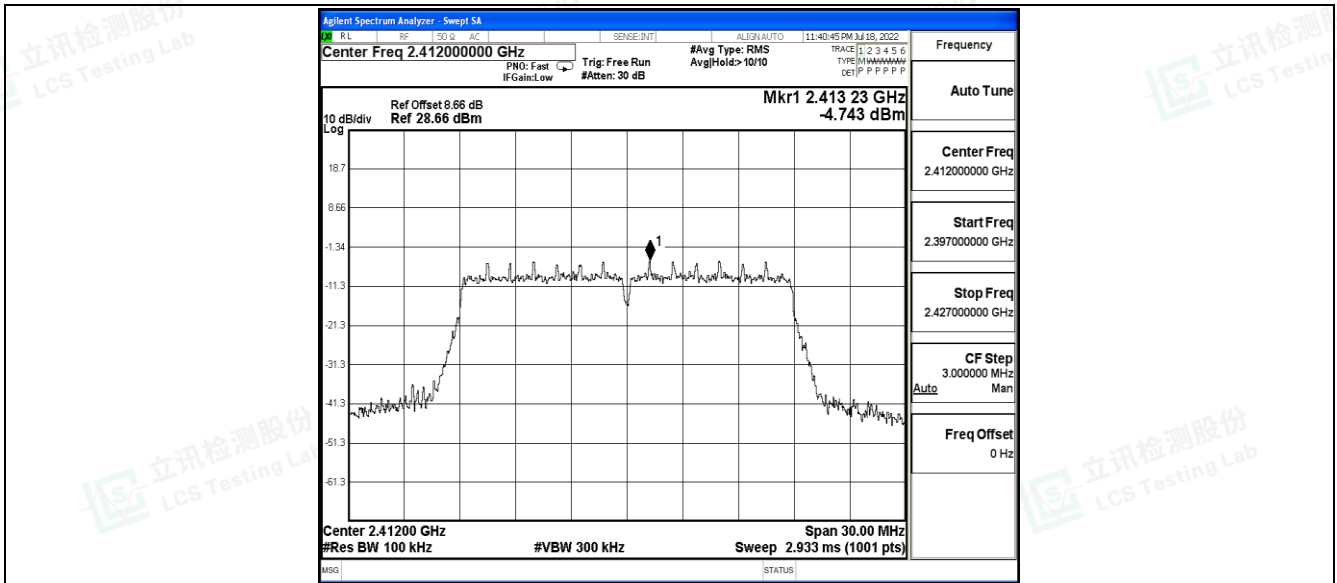


11G_Ant1_2462_1000~26500

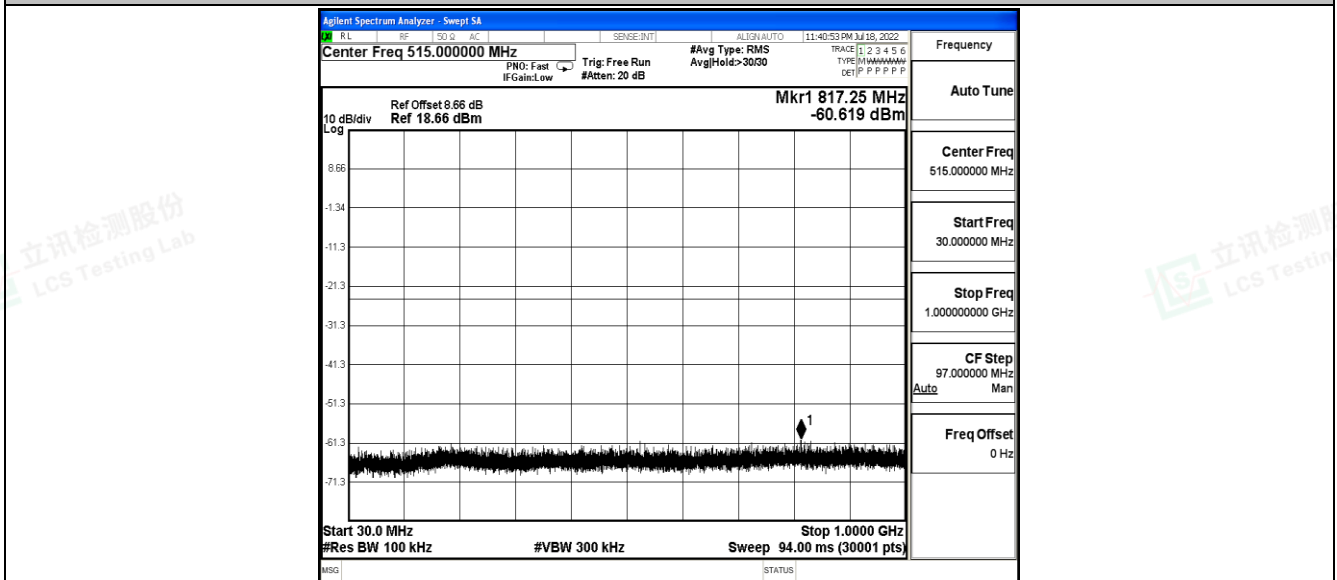


11N20SISO_Ant1_2412_0~Reference



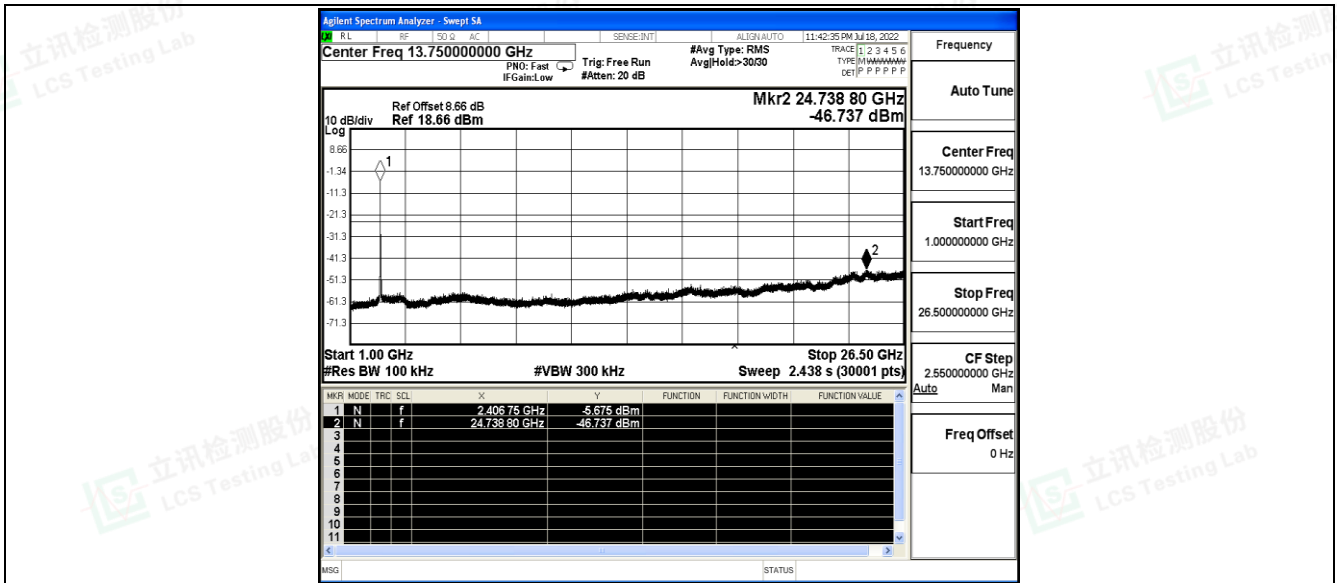


11N20SISO_Ant1_2412_30~1000

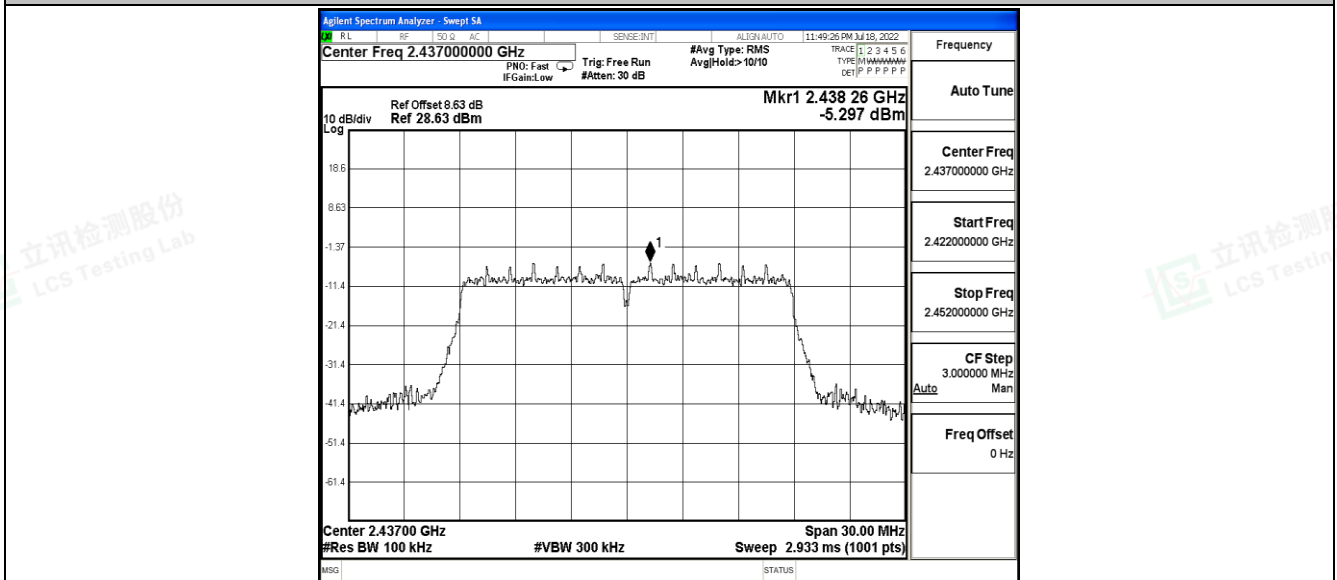


11N20SISO_Ant1_2412_1000~26500



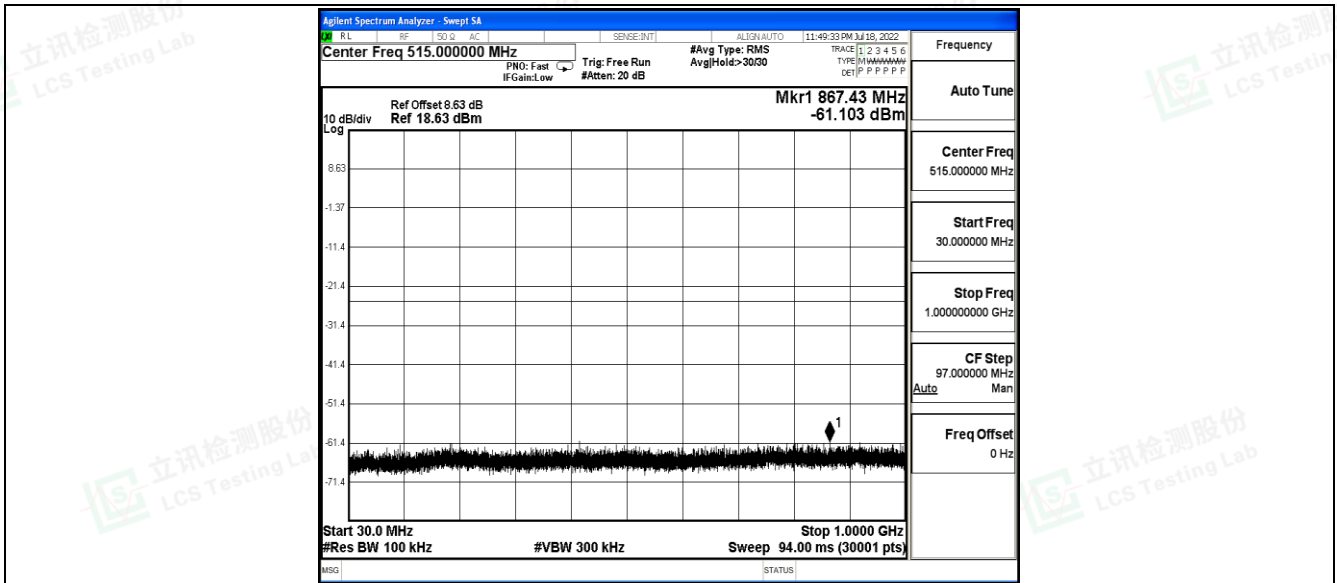


11N20SISO_Ant1_2437_0~Reference

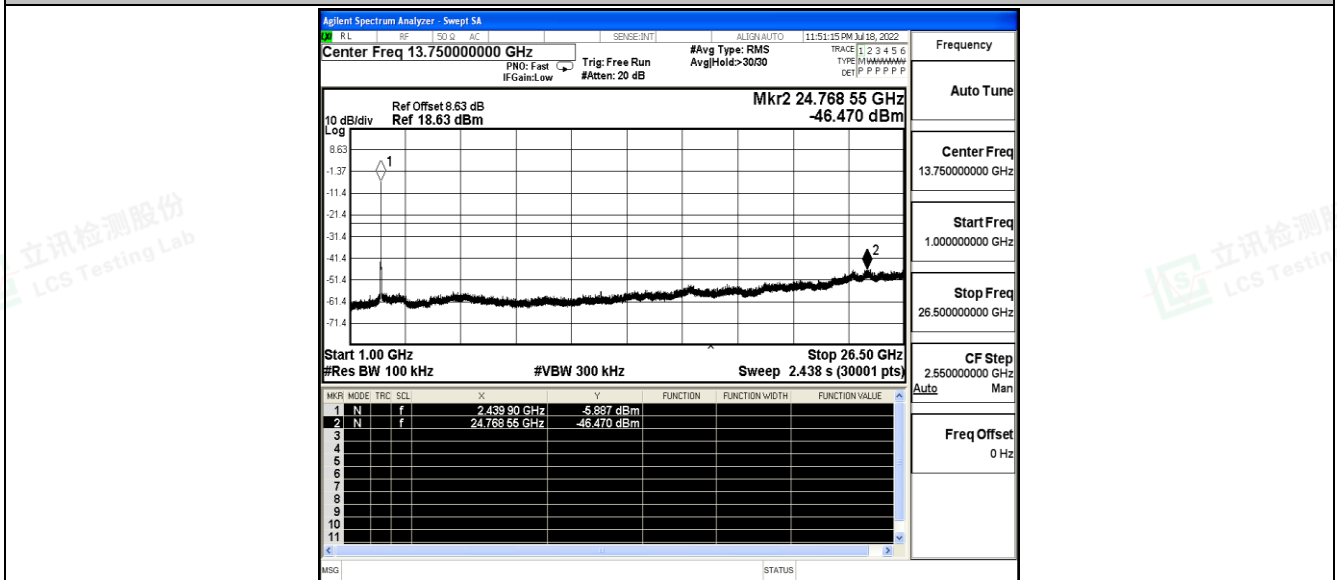


11N20SISO_Ant1_2437_30~1000



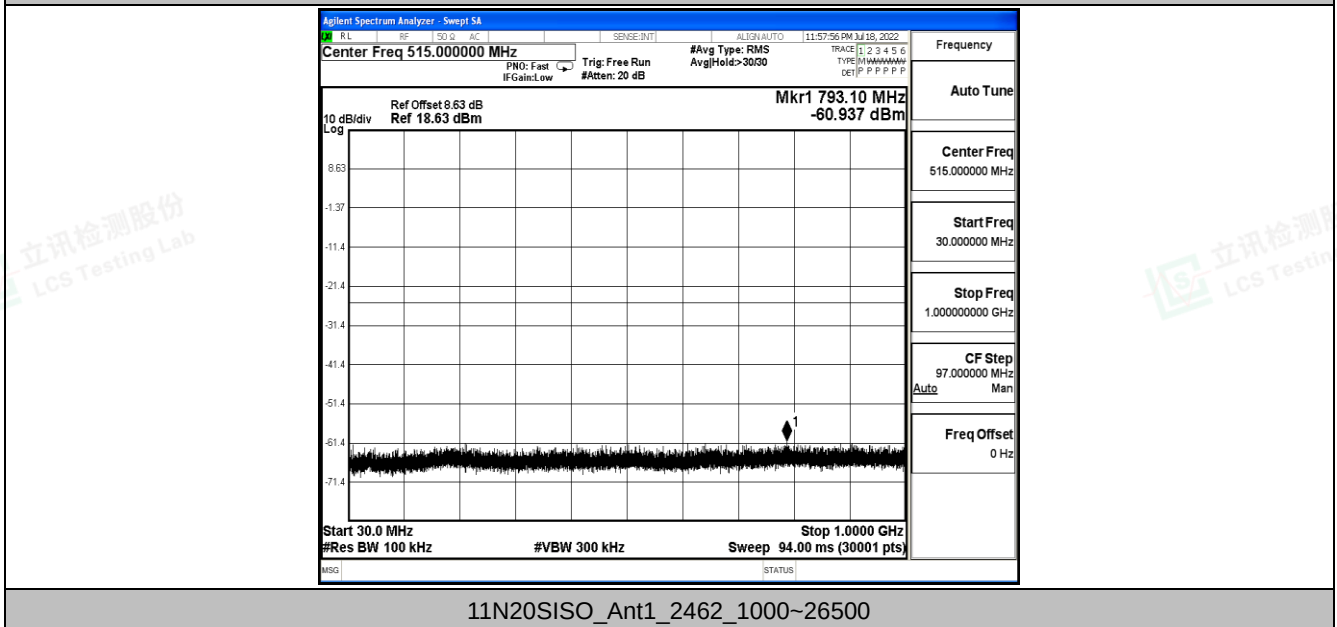
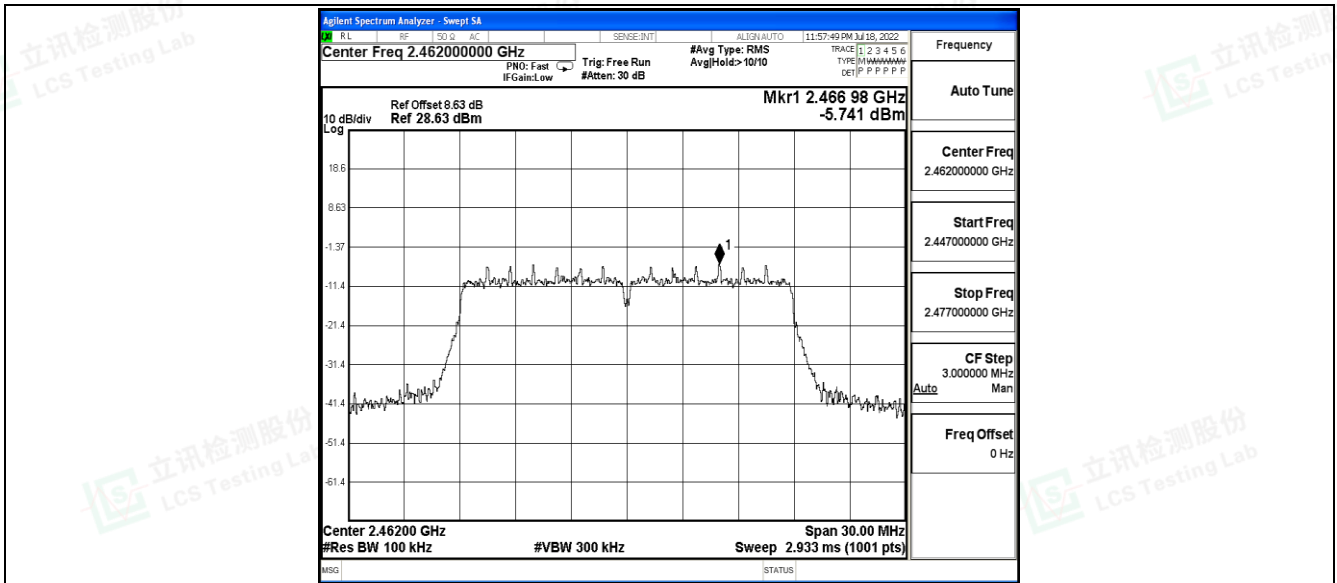


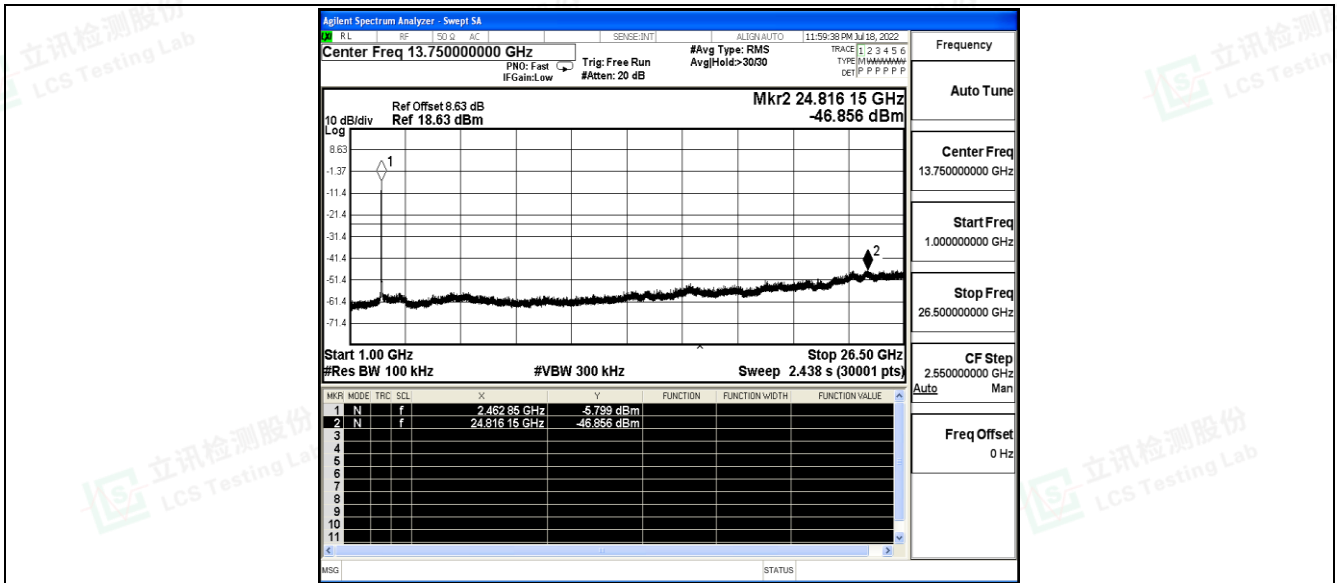
11N20SISO_Ant1_2437_1000~26500



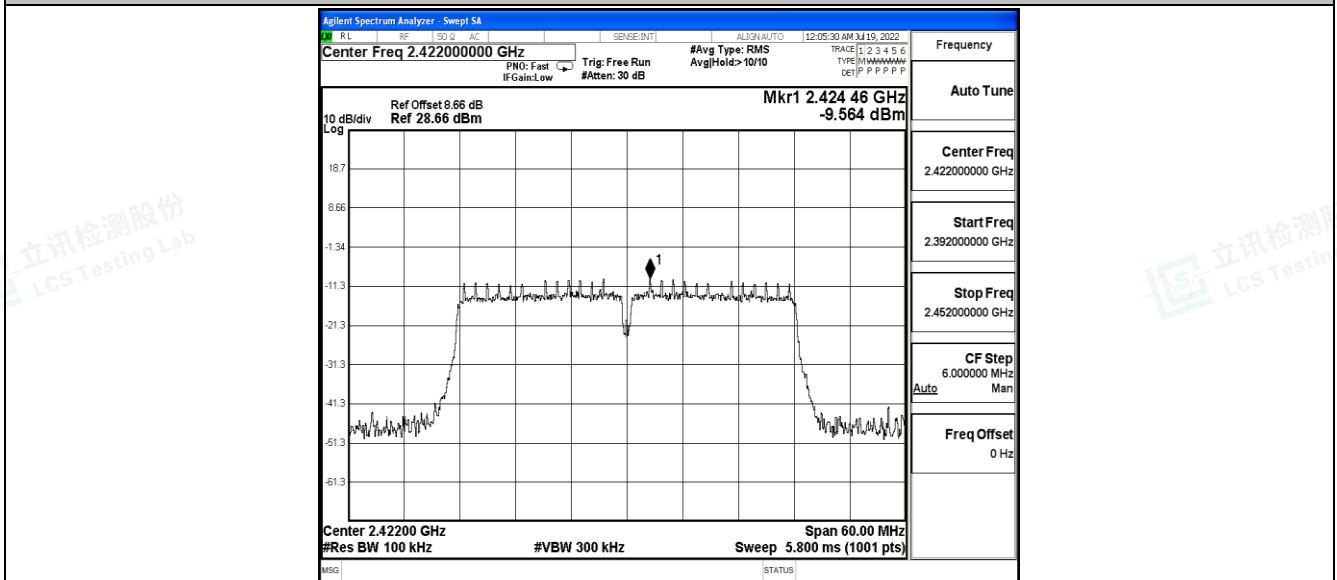
11N20SISO_Ant1_2462_0~Reference





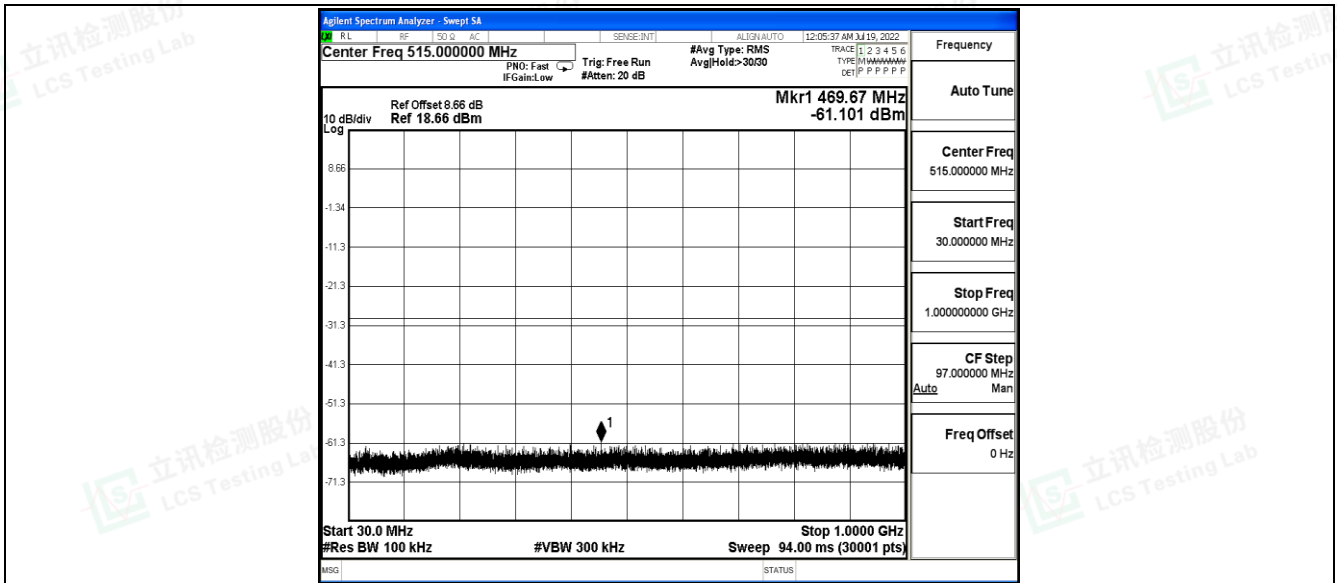


11N40SISO_Ant1_2422_0~Reference

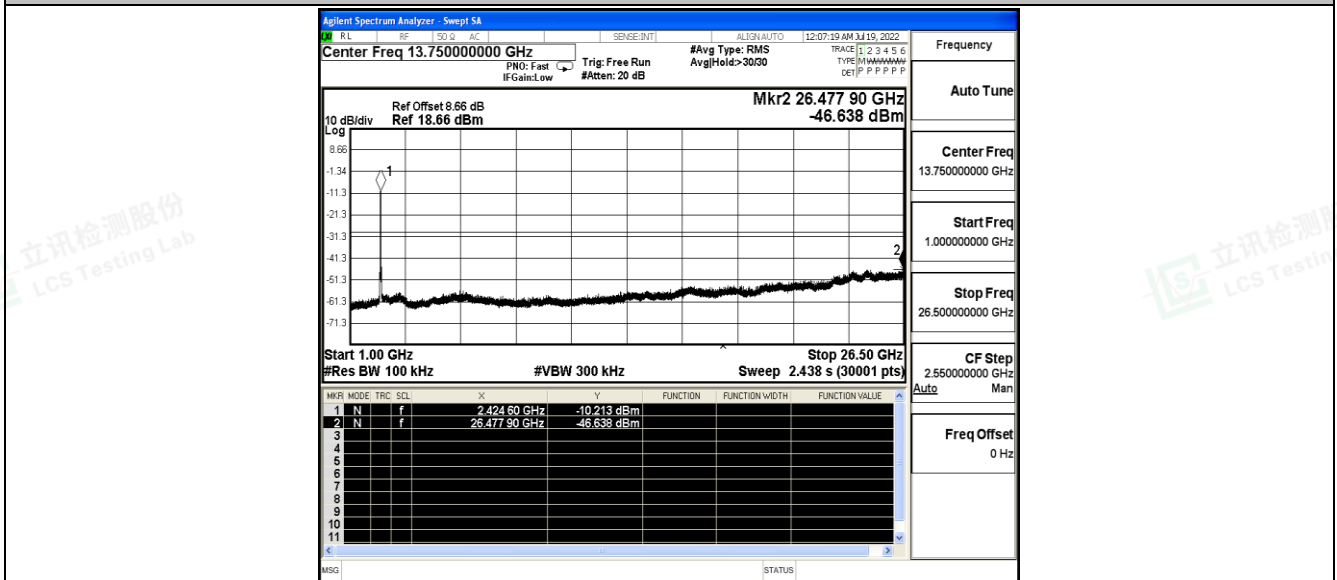


11N40SISO_Ant1_2422_30~1000



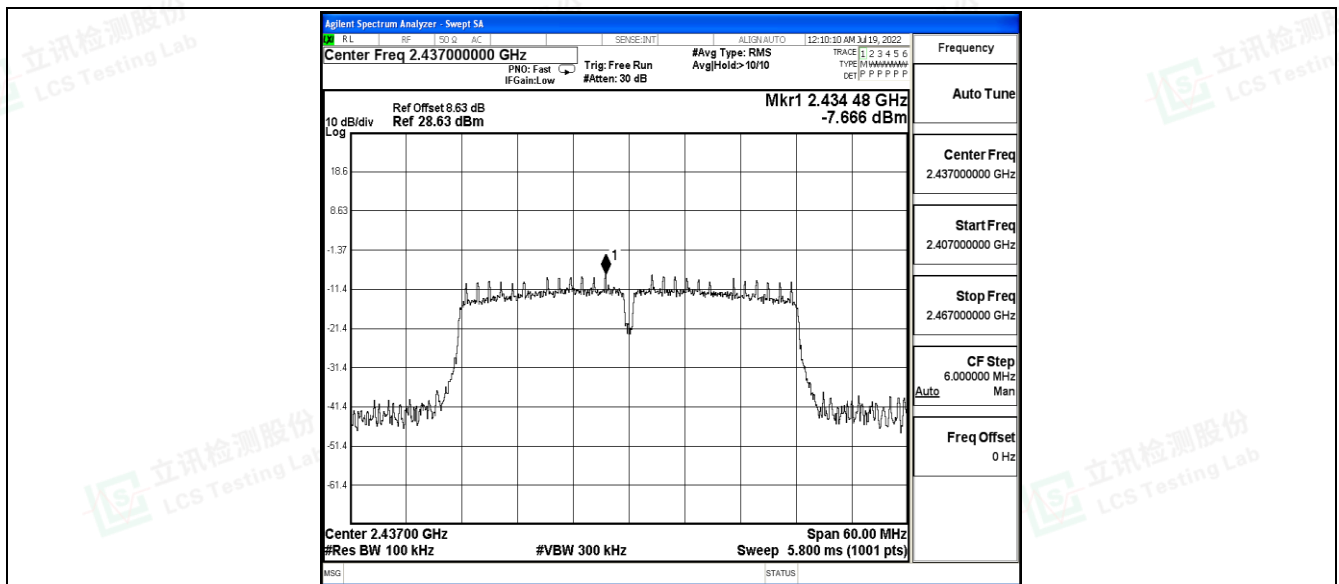


11N40SISO_Ant1_2422_1000~26500

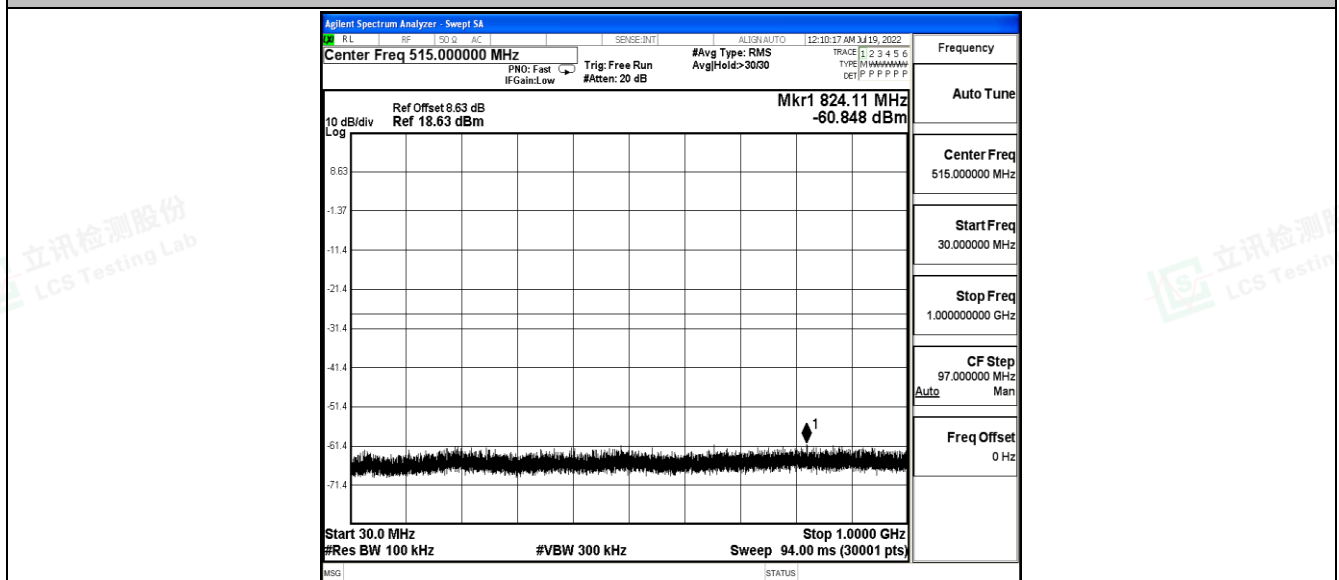


11N40SISO_Ant1_2437_0~Reference



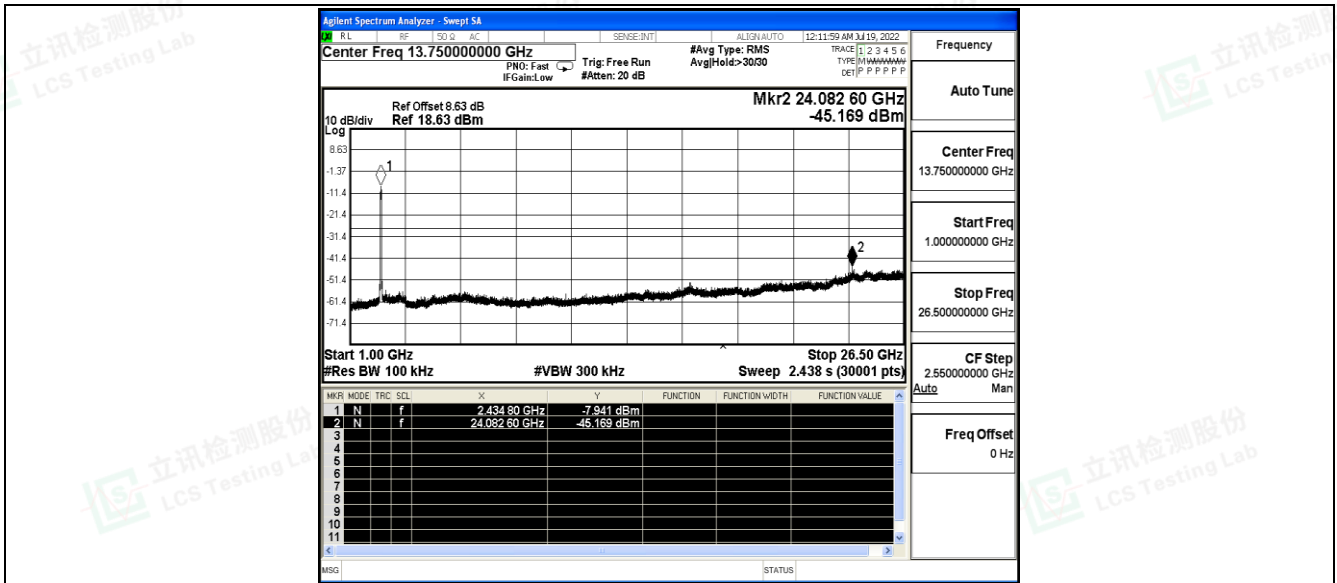


11N40SISO_Ant1_2437_30~1000

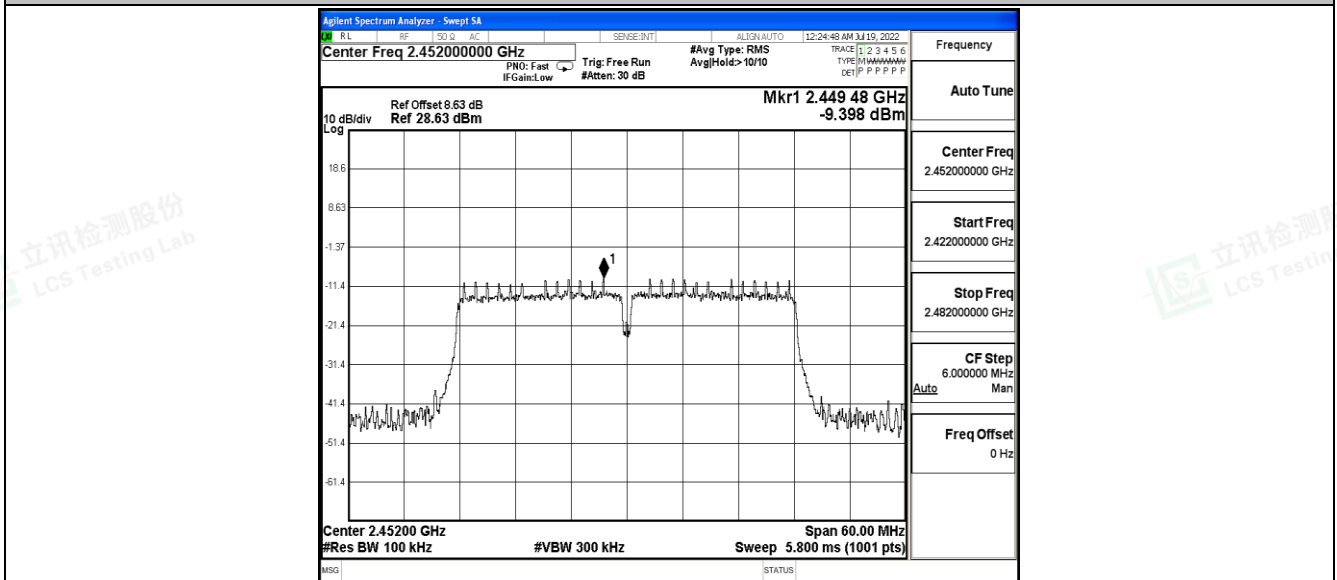


11N40SISO_Ant1_2437_1000~26500



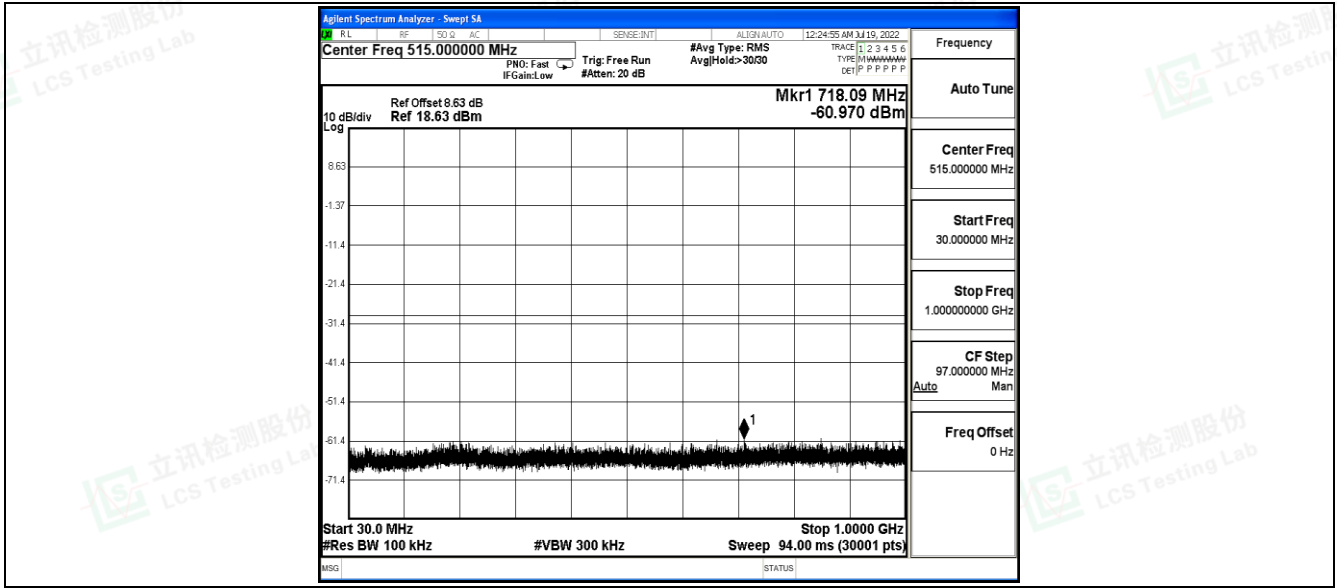


11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000







C.6 Duty Cycle

Test Result

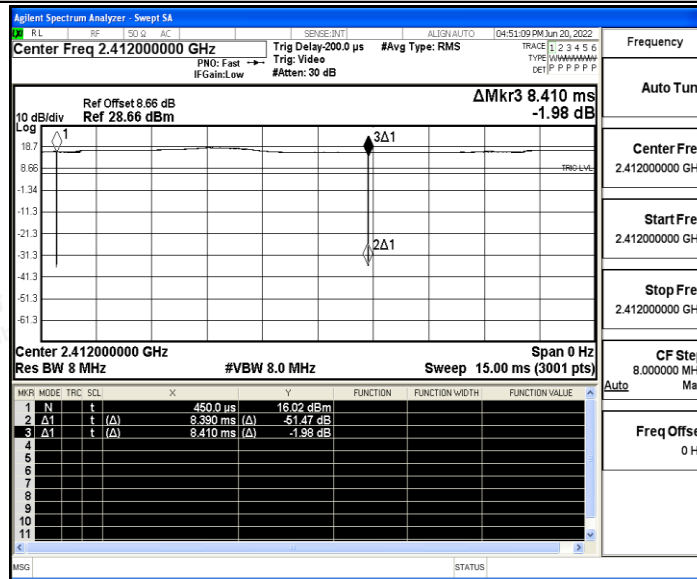
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant0	2412	8.39	8.41	99.76
		2437	8.38	8.41	99.64
		2462	8.38	8.41	99.64
11G	Ant0	2412	1.39	1.42	97.89
		2437	1.39	1.43	97.20
		2462	1.39	1.43	97.20
11N20SISO	Ant0	2412	1.30	1.33	97.74
		2437	1.30	1.33	97.74
		2462	1.30	1.33	97.74
11N40SISO	Ant0	2422	0.65	0.69	94.20
		2437	0.65	0.69	94.20
		2452	0.65	0.69	94.20



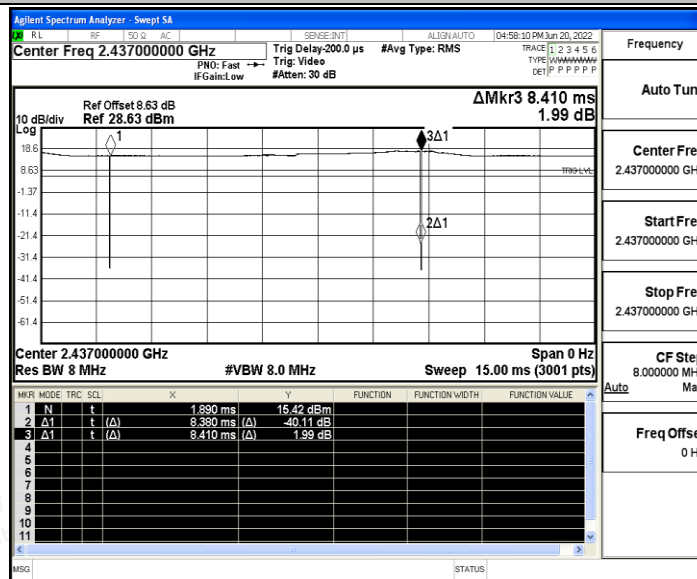


Test Graphs

11B_Ant0_2412

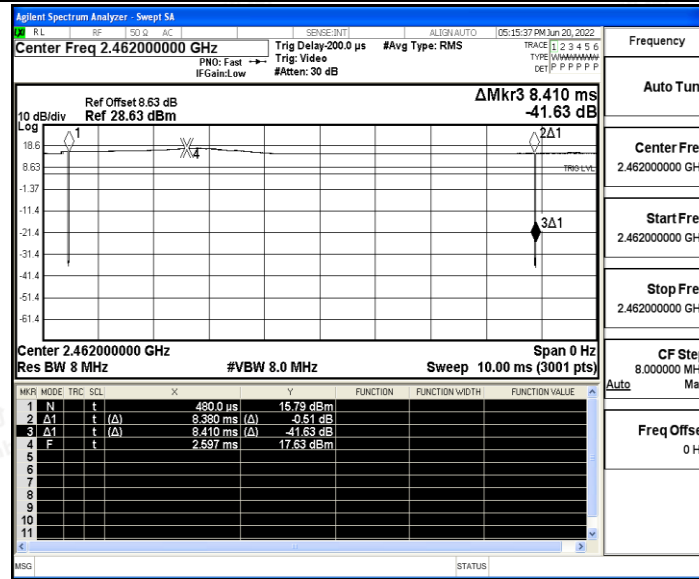


11B_Ant0_2437

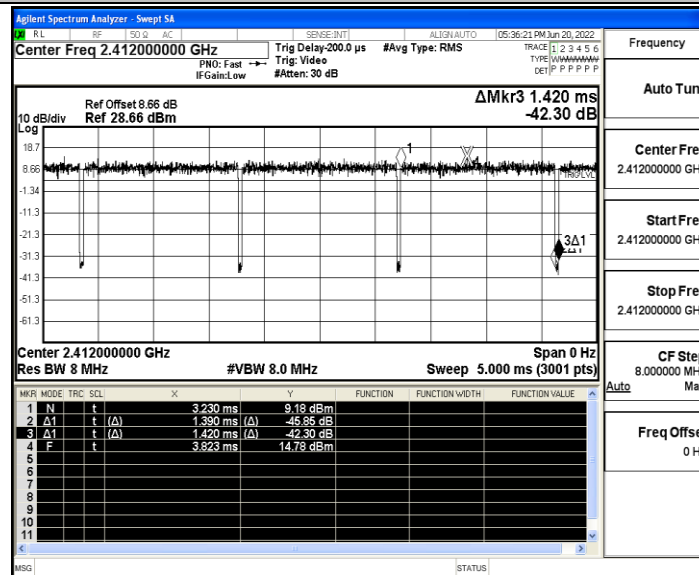


11B_Ant0_2462



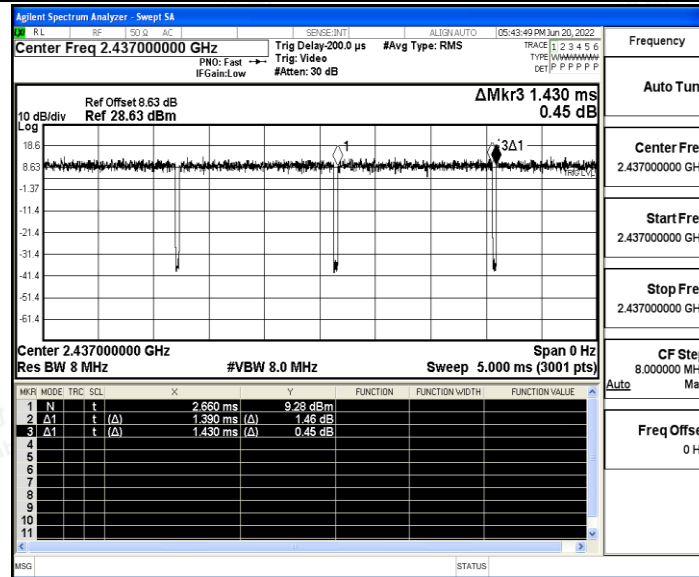


11G_Ant0_2412

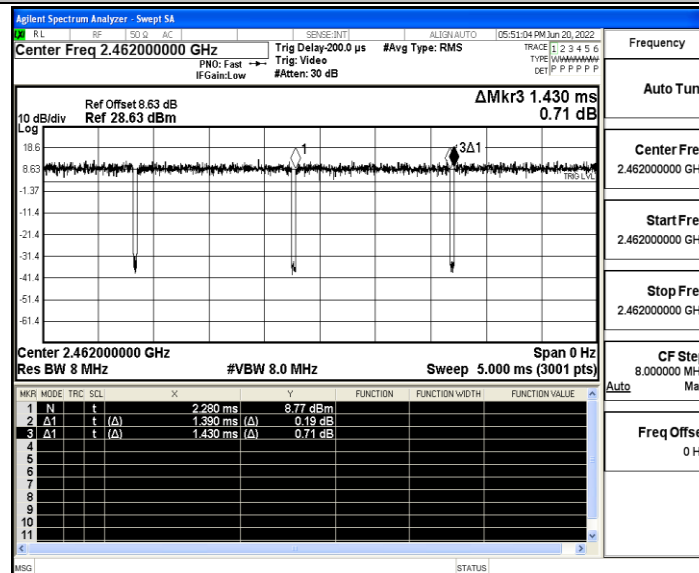


11G_Ant0_2437



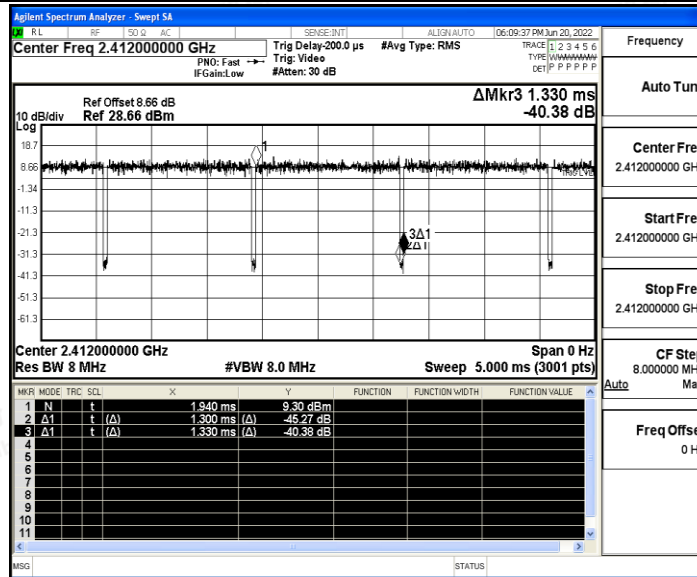


11G_Ant0_2462

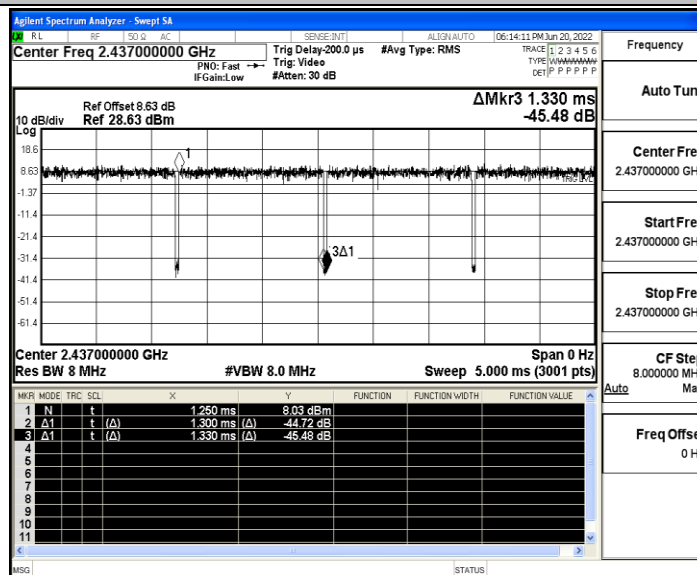


11N20SISO_Ant0_2412



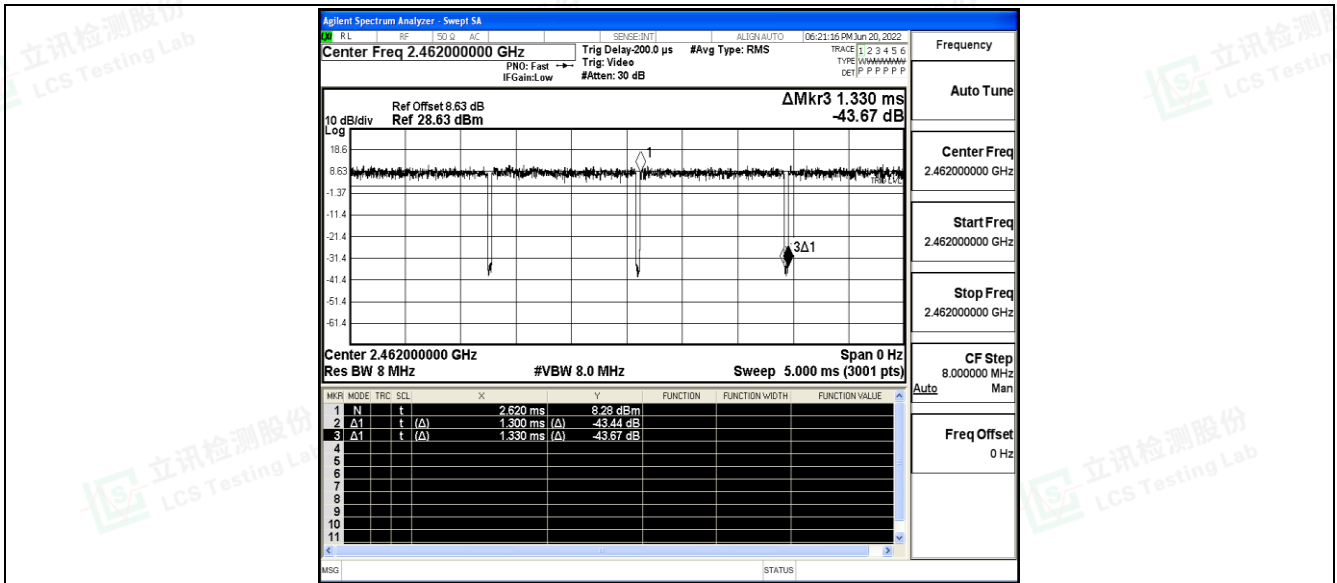


11N20SISO_Ant0_2437

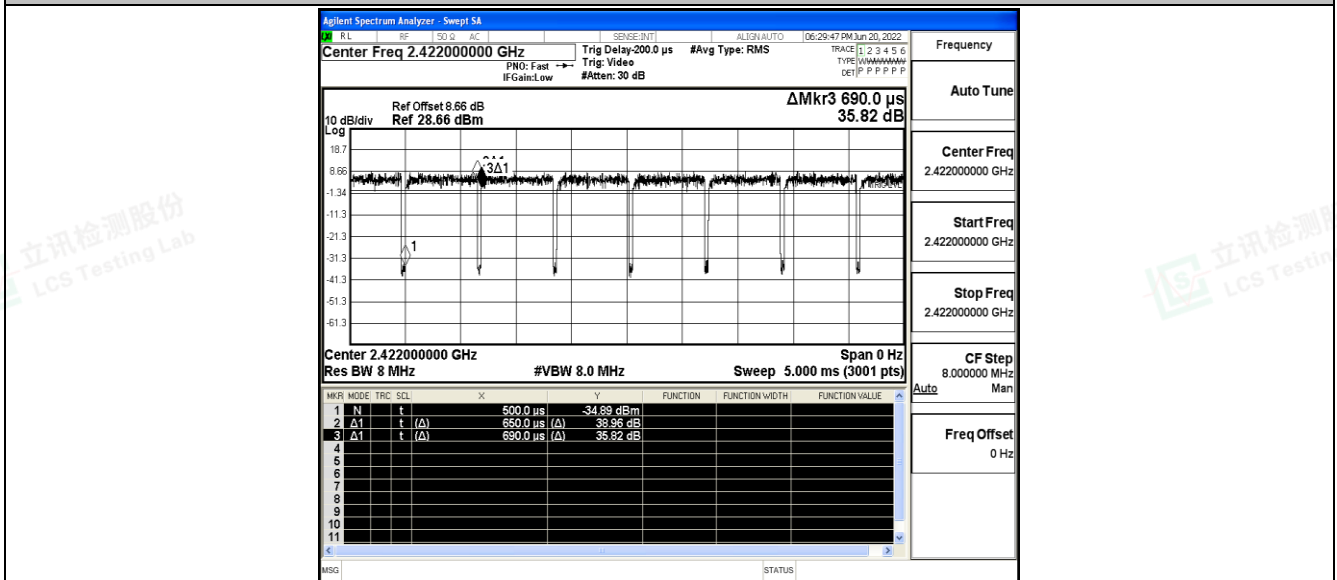


11N20SISO_Ant0_2462



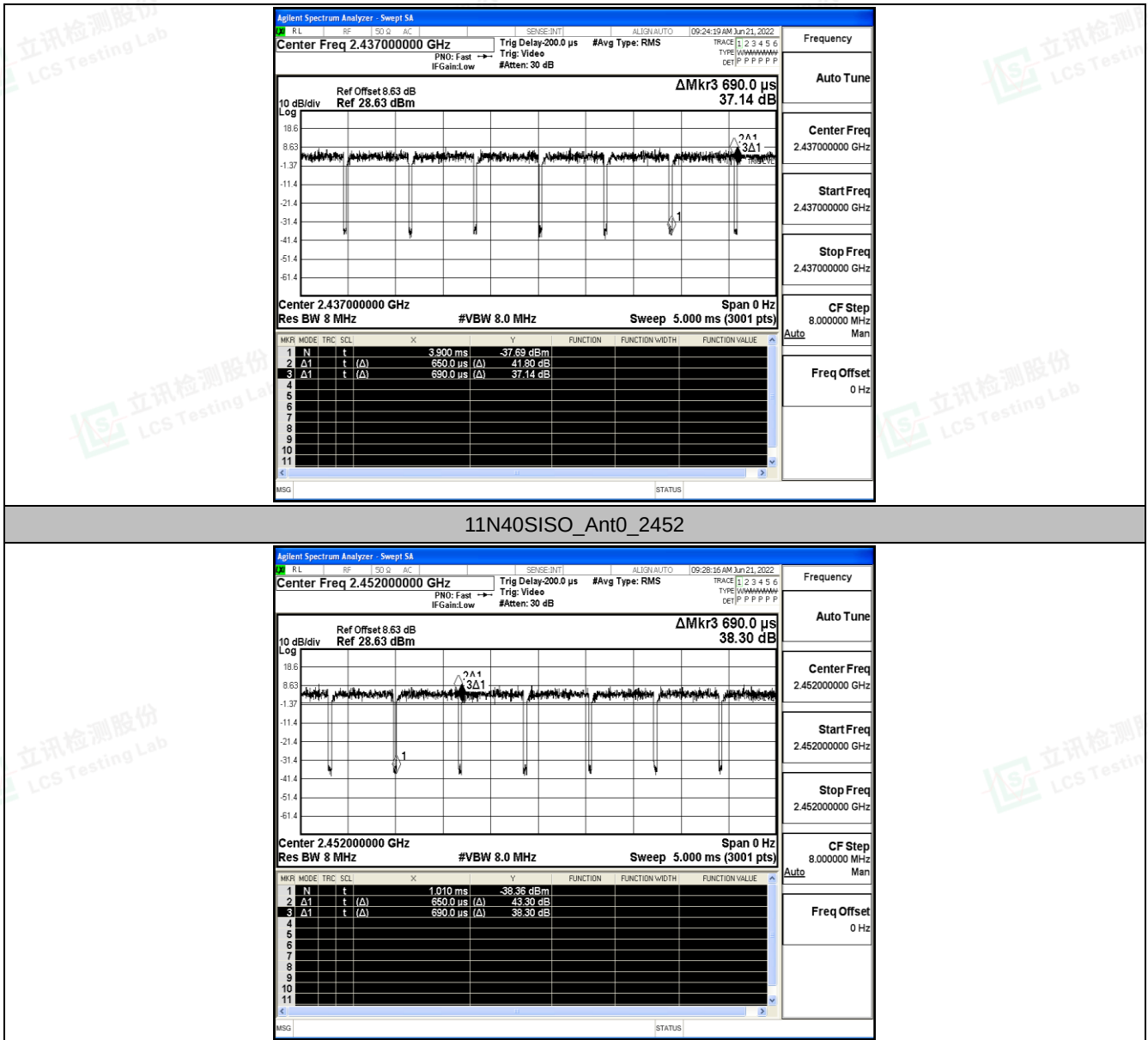


11N40SISO_Ant0_2422



11N40SISO_Ant0_2437





**Test Result**

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	Ant1	2412	8.38	8.41	99.64	0.02
		2437	8.39	8.41	99.76	0.01
		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	1.43	97.20	0.12
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	0.65	0.68	95.59	0.20
		2437	0.64	0.68	94.12	0.26
		2452	0.65	0.68	95.59	0.20

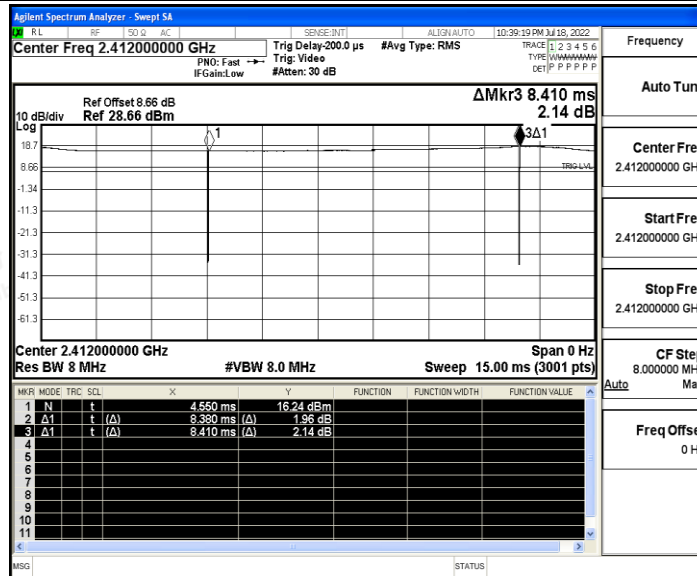


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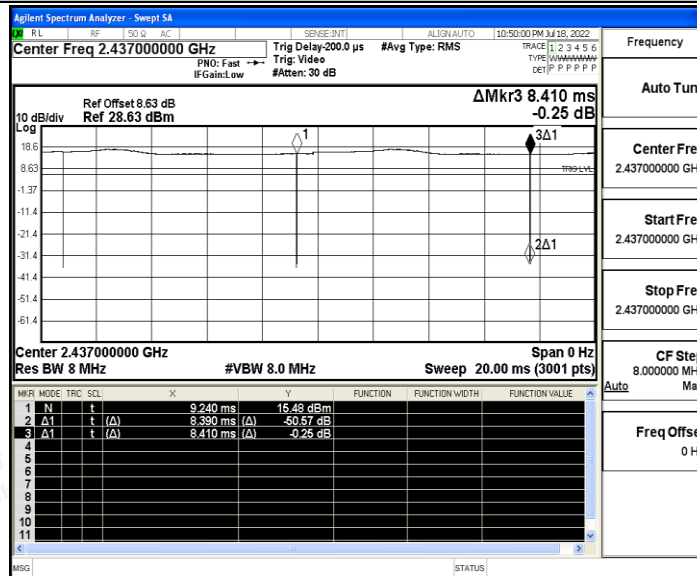


Test Graphs

11B_Ant1_2412

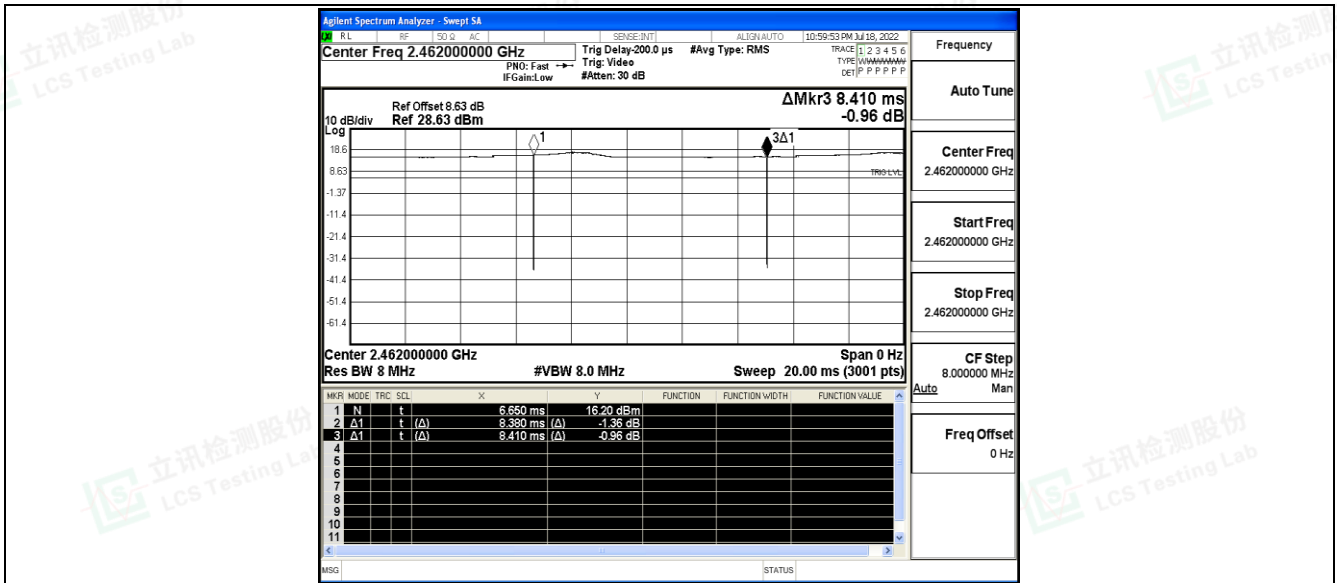


11B_Ant1_2437

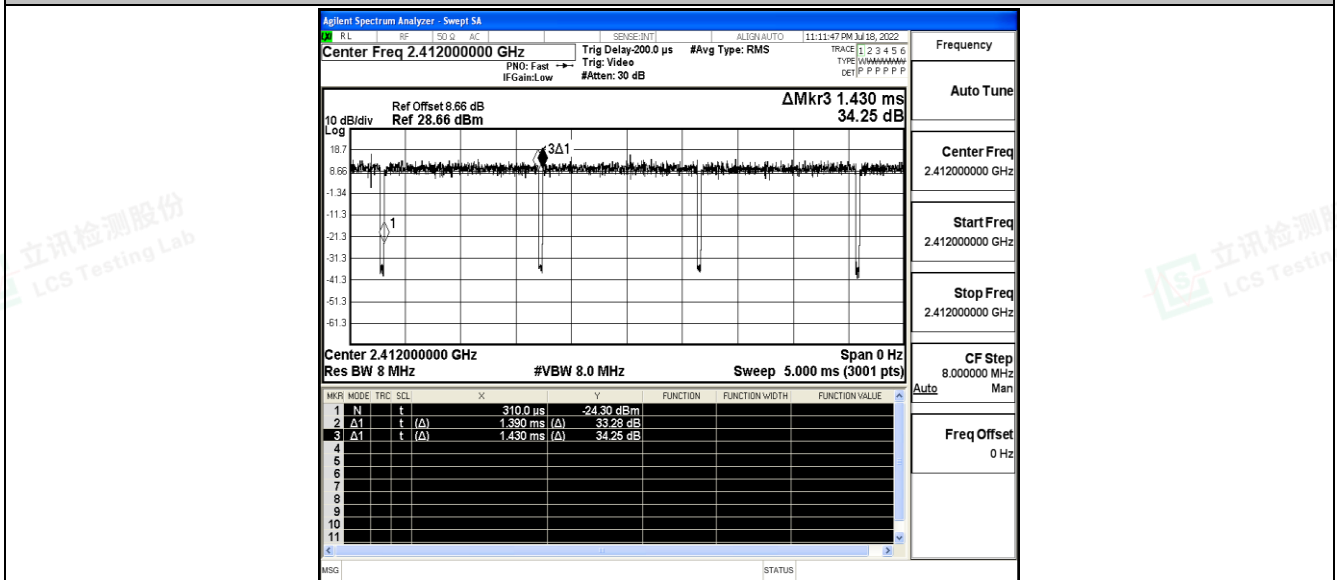


11B_Ant1_2462



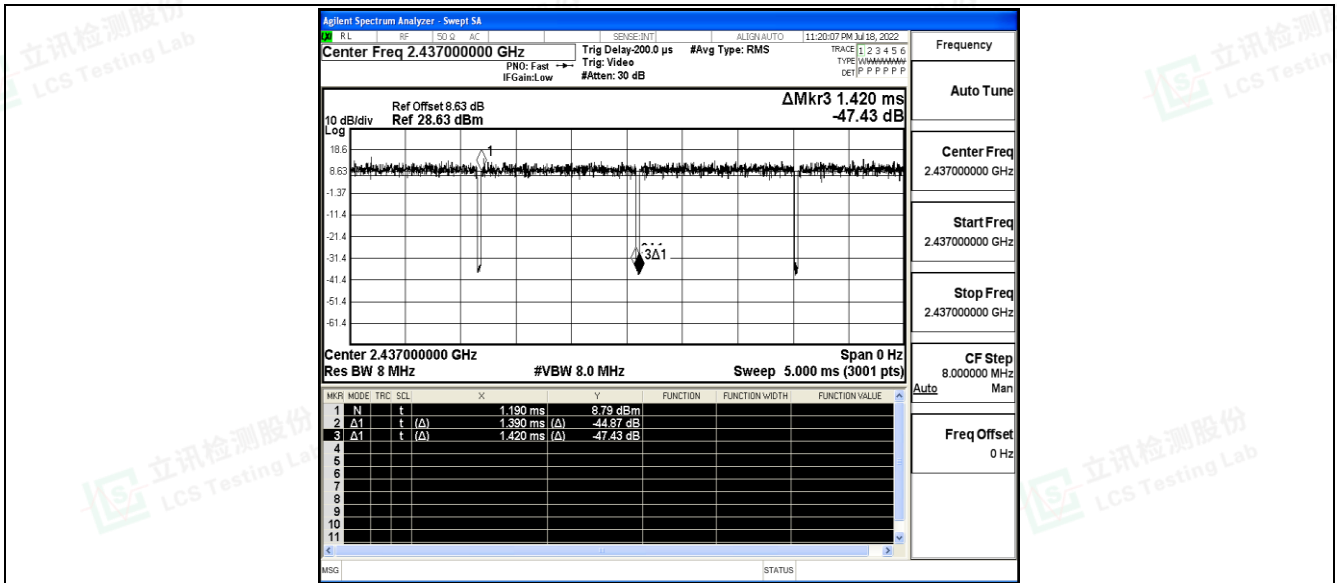


11G_Ant1_2412

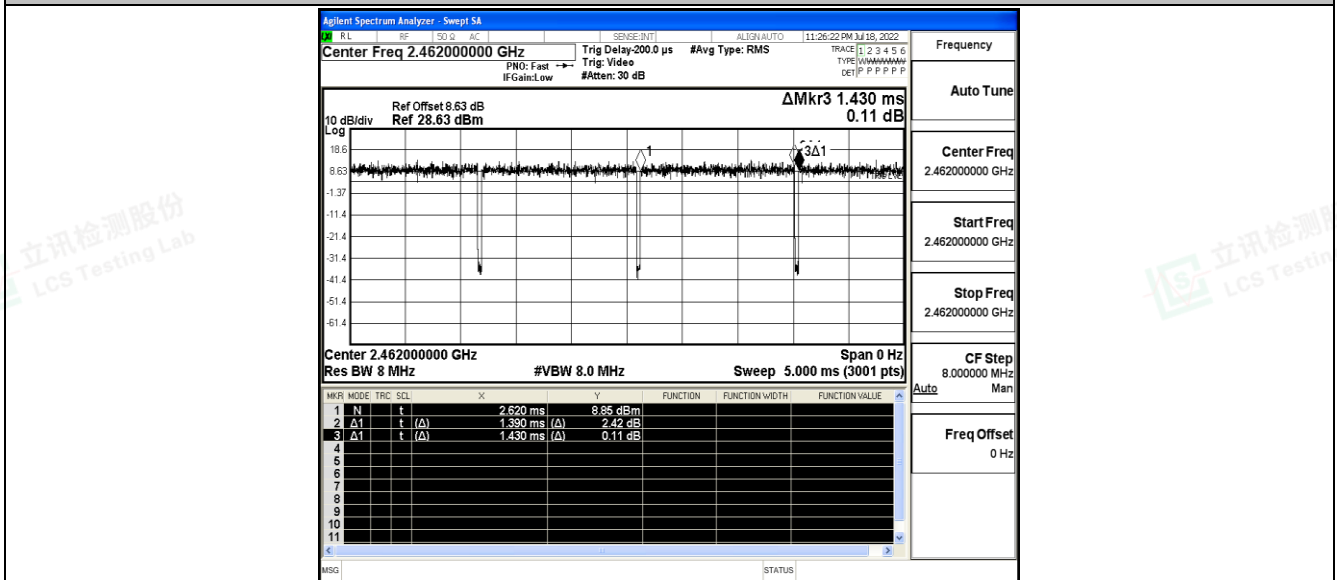


11G_Ant1_2437



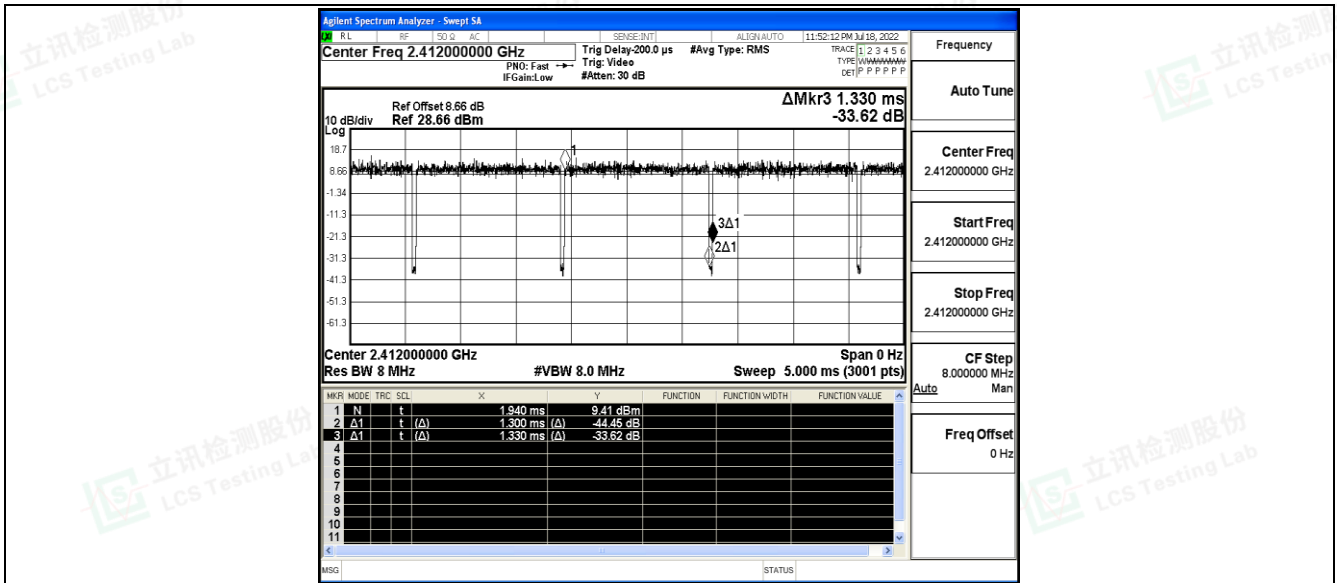


11G_Ant1_2462

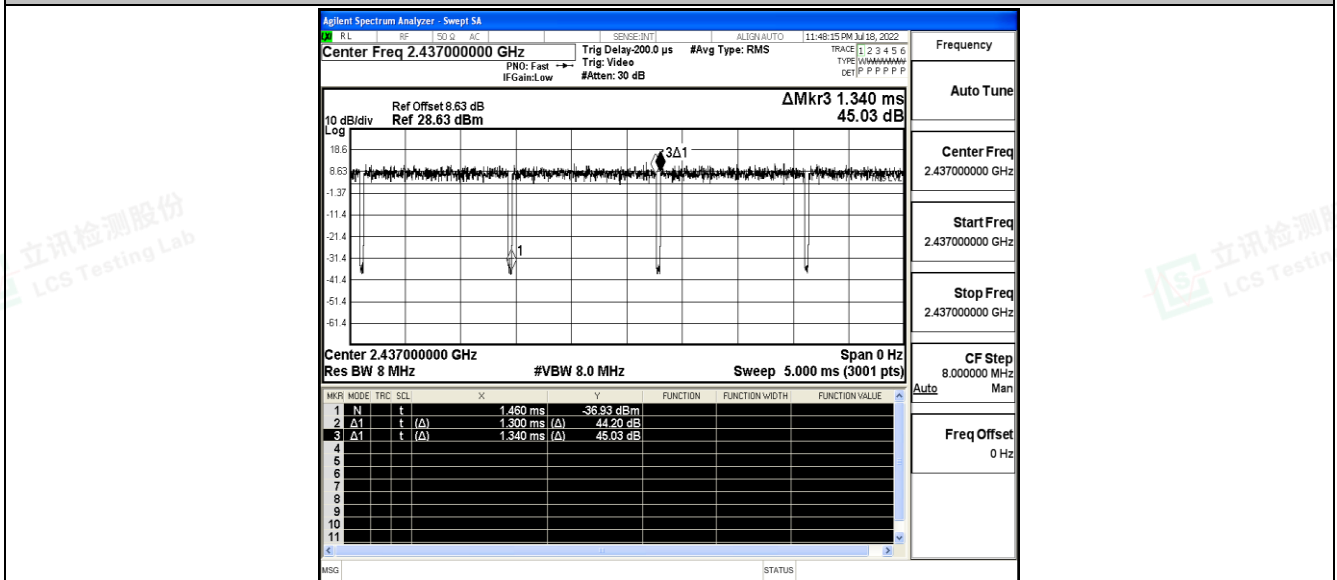


11N20SISO_Ant1_2412



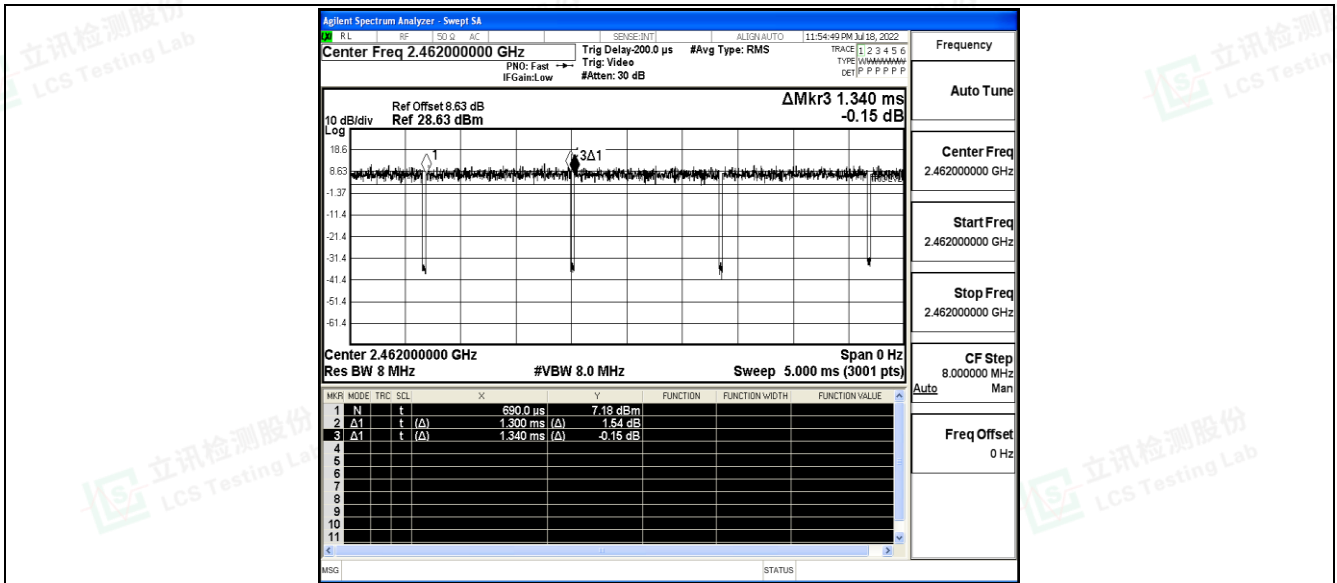


11N20SISO_Ant1_2437

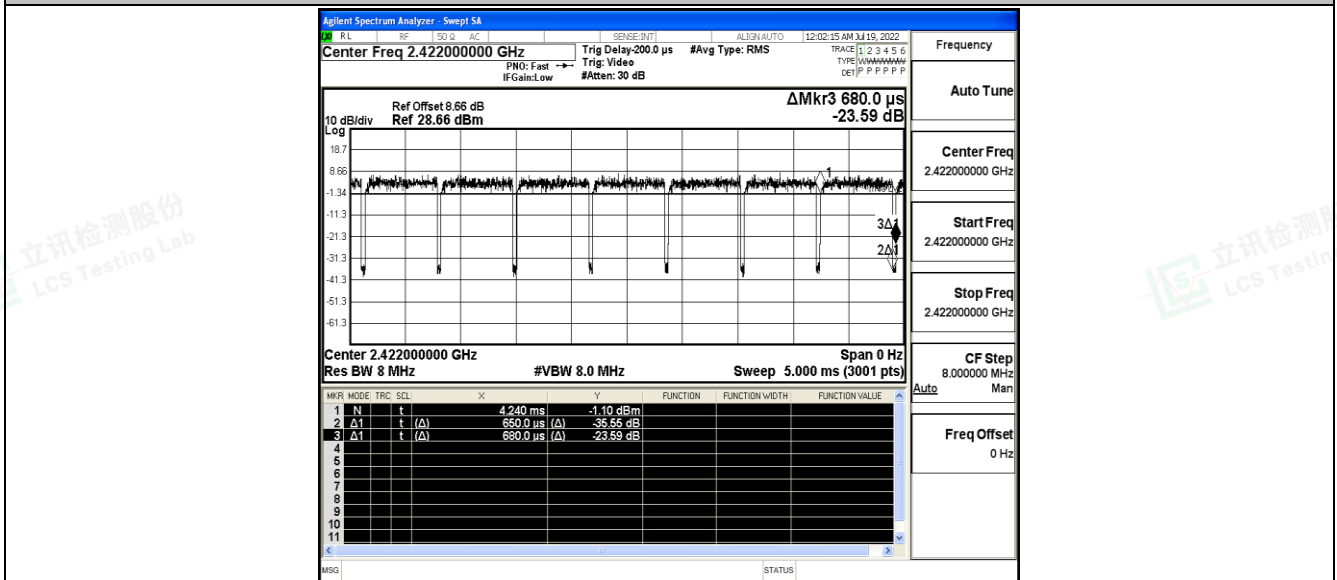


11N20SISO_Ant1_2462



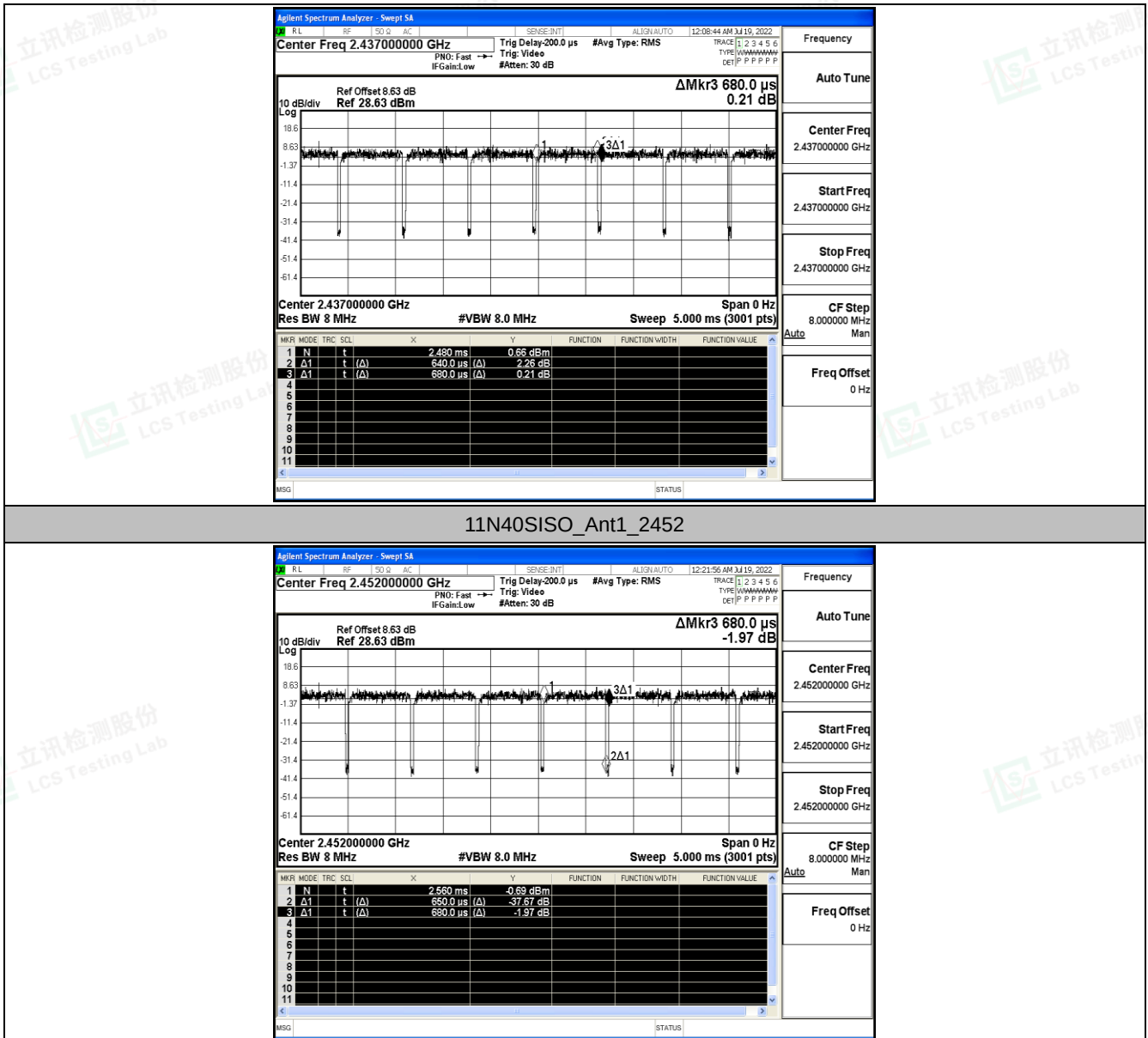


11N40SISO_Ant1_2422



11N40SISO_Ant1_2437







C.7 Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq. [MHz]	Result [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant0	Low	2412	AV	2310.000	-58.23	36.97	≤54	PASS
				AV	2386.320	-49.81	45.39	≤54	PASS
				AV	2390.000	-52.19	43.01	≤54	PASS
				Peak	2310.000	-47.02	48.18	≤74	PASS
				Peak	2386.320	-41.25	53.95	≤74	PASS
				Peak	2390.000	-42.67	52.53	≤74	PASS
		High	2462	AV	2483.500	-43.43	51.77	≤54	PASS
				AV	2483.560	-43.66	51.54	≤54	PASS
				AV	2500.000	-55.32	39.88	≤54	PASS
				Peak	2483.500	-37.89	57.31	≤74	PASS
				Peak	2483.670	-36.41	58.79	≤74	PASS
				Peak	2500.000	-45.35	49.85	≤74	PASS
11G	Ant0	Low	2412	AV	2310.000	-57.53	37.67	≤54	PASS
				AV	2389.960	-49.99	45.21	≤54	PASS
				AV	2390.000	-49.99	45.21	≤54	PASS
				Peak	2310.000	-47.6	47.60	≤74	PASS
				Peak	2389.830	-32.94	62.26	≤74	PASS
				Peak	2390.000	-33.47	61.73	≤74	PASS
		High	2462	AV	2483.500	-47.76	47.44	≤54	PASS
				AV	2483.670	-48	47.20	≤54	PASS
				AV	2500.000	-54.49	40.71	≤54	PASS
				Peak	2483.500	-31.89	63.31	≤74	PASS
				Peak	2483.780	-31.22	63.98	≤74	PASS
				Peak	2500.000	-43.98	51.22	≤74	PASS
11N20SISO	Ant0	Low	2412	AV	2310.000	-57.65	37.55	≤54	PASS
				AV	2389.960	-49.06	46.14	≤54	PASS
				AV	2390.000	-49.06	46.14	≤54	PASS
				Peak	2310.000	-47.09	48.11	≤74	PASS
				Peak	2389.570	-30.93	64.27	≤74	PASS
				Peak	2390.000	-32.15	63.05	≤74	PASS
		High	2462	AV	2483.500	-44.8	50.40	≤54	PASS
				AV	2483.670	-45.01	50.19	≤54	PASS
				AV	2500.000	-54.32	40.88	≤54	PASS
				Peak	2483.500	-29.24	65.96	≤74	PASS



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11N40SISO	Ant0	Low	2422	Peak	2484.770	-27.26	67.94	≤74	PASS
				Peak	2500.000	-42.39	52.81	≤74	PASS
				AV	2310.000	-57.55	37.65	≤54	PASS
				AV	2389.440	-44.15	51.05	≤54	PASS
				AV	2390.000	-44.26	50.94	≤54	PASS
				Peak	2310.000	-48.03	47.17	≤74	PASS
		High	2452	Peak	2388.140	-27.91	67.29	≤74	PASS
				Peak	2390.000	-29.22	65.98	≤74	PASS
				AV	2483.500	-44.67	50.56	≤54	PASS
				AV	2484.440	-44.33	50.90	≤54	PASS
				AV	2500.000	-51.1	44.10	≤54	PASS
				Peak	2483.500	-25.25	69.95	≤74	PASS

TestMode	Antenna	ChName	Channel	Detector	Freq. [MHz]	Result [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant1	Low	2412	AV	2310.000	-58.66	36.54	≤54	PASS
				AV	2386.840	-48.63	46.57	≤54	PASS
				AV	2390.000	-53.57	41.63	≤54	PASS
				Peak	2310.000	-48.39	46.81	≤74	PASS
				Peak	2387.100	-40.47	54.73	≤74	PASS
				Peak	2390.000	-43.85	51.35	≤74	PASS
		High	2462	AV	2483.500	-54.57	40.63	≤54	PASS
				AV	2486.640	-54.6	40.60	≤54	PASS
				AV	2500.000	-56.71	38.49	≤54	PASS
				Peak	2483.500	-44.57	50.63	≤74	PASS
				Peak	2483.780	-42.94	52.26	≤74	PASS
				Peak	2500.000	-46.31	48.89	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-58	37.20	≤54	PASS
				AV	2389.960	-50.4	44.80	≤54	PASS
				AV	2390.000	-50.4	44.80	≤54	PASS
				Peak	2310.000	-47.7	47.50	≤74	PASS
				Peak	2389.960	-33.98	61.22	≤74	PASS
				Peak	2390.000	-33.98	61.22	≤74	PASS
		High	2462	AV	2483.500	-47.83	47.37	≤54	PASS
				AV	2483.560	-48.03	47.17	≤54	PASS
				AV	2500.000	-54.74	40.46	≤54	PASS



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				Peak	2483.500	-30.53	64.67	≤74	PASS
				Peak	2483.670	-30.41	64.79	≤74	PASS
				Peak	2500.000	-41.53	53.67	≤74	PASS
11N20SISO	Ant1	Low	2412	AV	2310.000	-58.11	37.09	≤54	PASS
				AV	2389.960	-48.53	46.67	≤54	PASS
				AV	2390.000	-48.53	46.67	≤54	PASS
				Peak	2310.000	-48.33	46.87	≤74	PASS
				Peak	2389.960	-30.67	64.53	≤74	PASS
				Peak	2390.000	-30.67	64.53	≤74	PASS
		High	2462	AV	2483.500	-46.94	48.26	≤54	PASS
				AV	2483.560	-46.91	48.29	≤54	PASS
				AV	2500.000	-54.75	40.45	≤54	PASS
				Peak	2483.500	-28.35	66.85	≤74	PASS
				Peak	2483.780	-27.82	67.38	≤74	PASS
				Peak	2500.000	-43.96	51.24	≤74	PASS
11N40SISO	Ant1	Low	2422	AV	2310.000	-57.86	37.34	≤54	PASS
				AV	2389.700	-48.07	47.13	≤54	PASS
				AV	2390.000	-48.12	47.08	≤54	PASS
				Peak	2310.000	-46.99	48.21	≤74	PASS
				Peak	2388.530	-30.89	64.31	≤74	PASS
				Peak	2390.000	-32.12	63.08	≤74	PASS
		High	2452	AV	2483.500	-45.74	49.46	≤54	PASS
				AV	2484.550	-45.65	49.55	≤54	PASS
				AV	2500.000	-52.55	42.65	≤54	PASS
				Peak	2483.500	-28.19	67.01	≤74	PASS
				Peak	2484.660	-27.39	67.81	≤74	PASS
				Peak	2500.000	-40.13	55.07	≤74	PASS





Combined Ant_0 and Ant_1

Test Mode	Freq.	Covert Radiated E Level At 3m (dBuV/m)			Ground Factor	E [dBuV/m]	Detector	Limit (dBuV/m)
		Ant0	Ant1	Sum				
11N20 MIMO	2310.000	-57.65	-58.11	-54.86	0	40.36	Average	≤54
	2389.180	-49.06	-48.53	-45.78	0	49.45	Average	≤54
	2390.000	-49.06	-48.53	-45.78	0	49.45	Average	≤54
	2310.000	-47.09	-48.33	-44.66	0	50.57	Peak	≤74
	2357.590	-30.93	-30.67	-27.79	0	67.44	Peak	≤74
	2390.000	-32.15	-30.67	-28.34	0	66.89	Peak	≤74
	2483.500	-44.8	-46.94	-42.73	0	52.50	Average	≤54
	2499.840	-45.01	-46.91	-42.85	0	52.38	Average	≤54
	2500.000	-54.32	-54.75	-51.52	0	43.71	Average	≤54
11N40 MIMO	2483.500	-29.24	-28.35	-25.76	0	69.47	Peak	≤74
	2497.750	-27.26	-27.82	-24.52	0	70.71	Peak	≤74
	2500.000	-42.39	-43.96	-40.09	0	55.13	Peak	≤74
	2310.000	-57.55	-57.86	-54.69	0	40.54	Average	≤54
	2389.700	-44.15	-48.07	-42.67	0	52.56	Average	≤54
	2390.000	-44.26	-48.12	-42.76	0	52.46	Average	≤54
	2310.000	-48.03	-46.99	-44.47	0	50.76	Peak	≤74
	2311.960	-27.91	-30.89	-26.14	0	69.09	Peak	≤74
	2390.000	-29.22	-32.12	-27.42	0	67.81	Peak	≤74
	2483.500	-44.67	-45.74	-42.16	0	53.07	Average	≤54
	2499.620	-44.33	-45.65	-41.93	0	53.30	Average	≤54
	2500.000	-51.1	-52.55	-48.75	0	46.47	Average	≤54
	2483.500	-25.25	-28.19	-23.47	0	71.76	Peak	≤74
	2492.250	-25.18	-27.39	-23.14	0	72.09	Peak	≤74
	2500.000	-35.34	-40.13	-34.10	0	61.13	Peak	≤74

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.

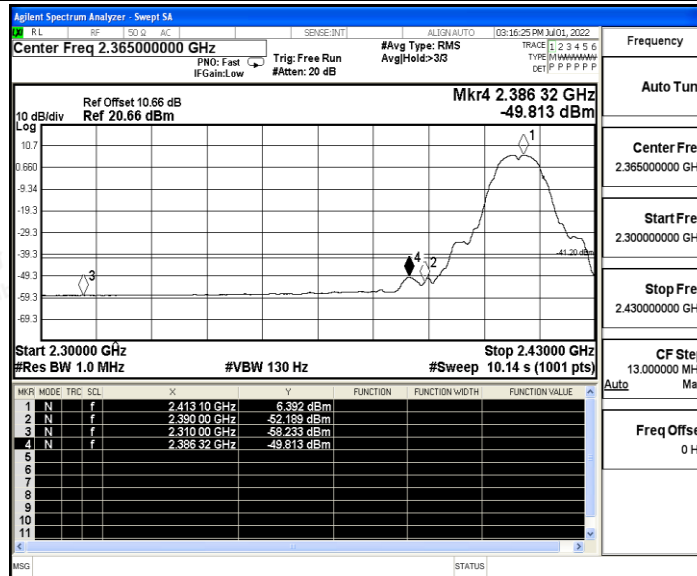


Shenzhen LCS Compliance Testing Laboratory Ltd.
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 Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
 Scan code to check authenticity

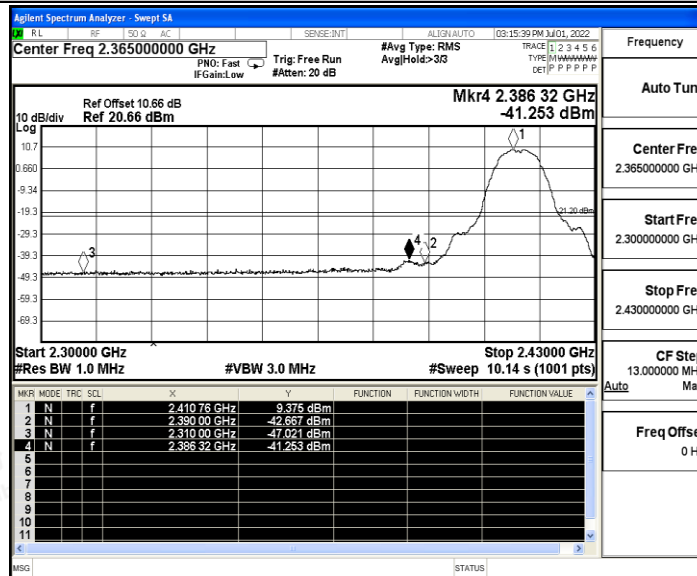


Test Graphs

11B_Ant0_Low_2412_AV

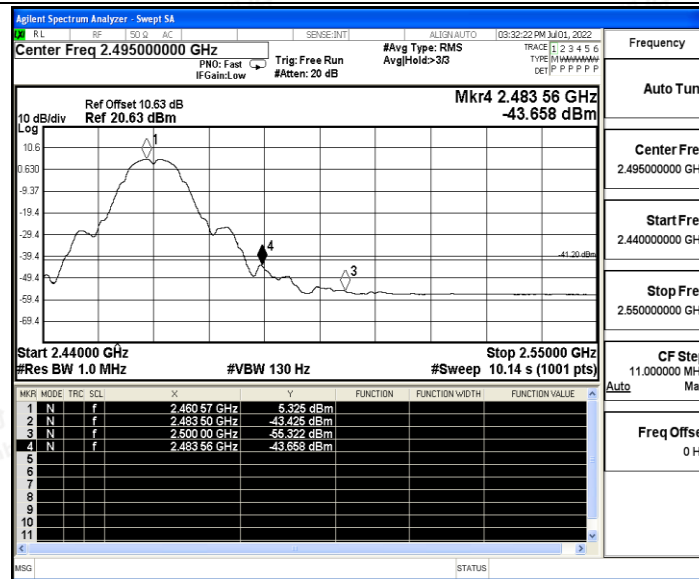


11B_Ant0_Low_2412_Peak

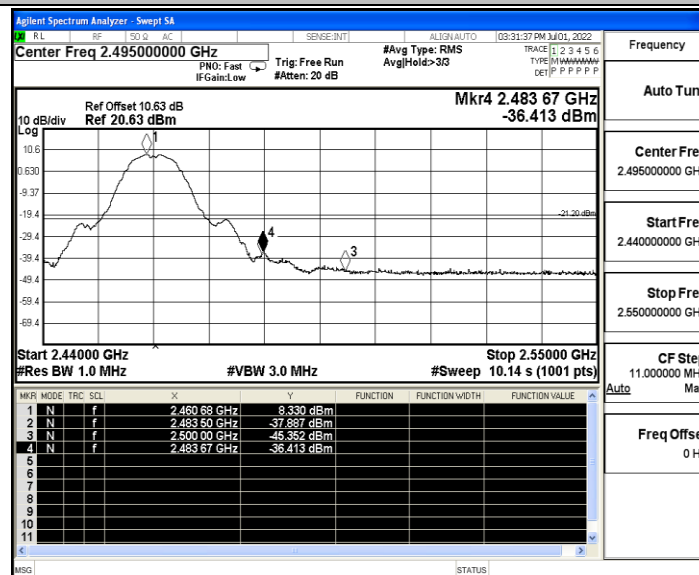


11B_Ant0_High_2462_AV



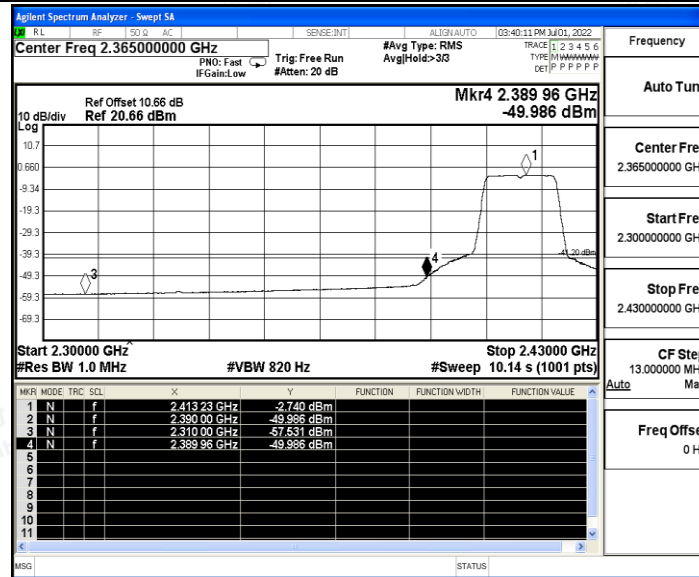


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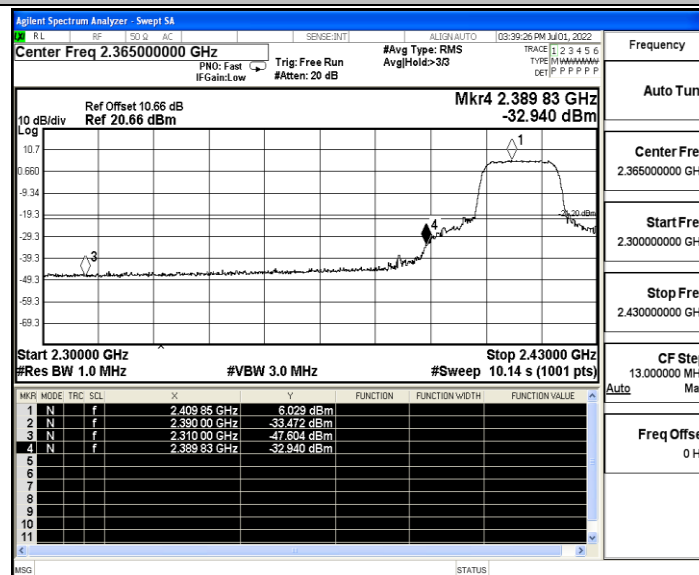


11G_Ant0_Low_2412_AV



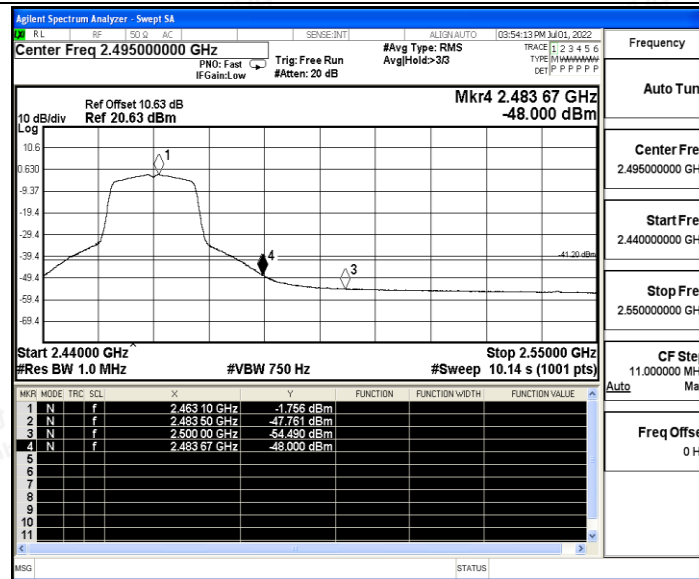


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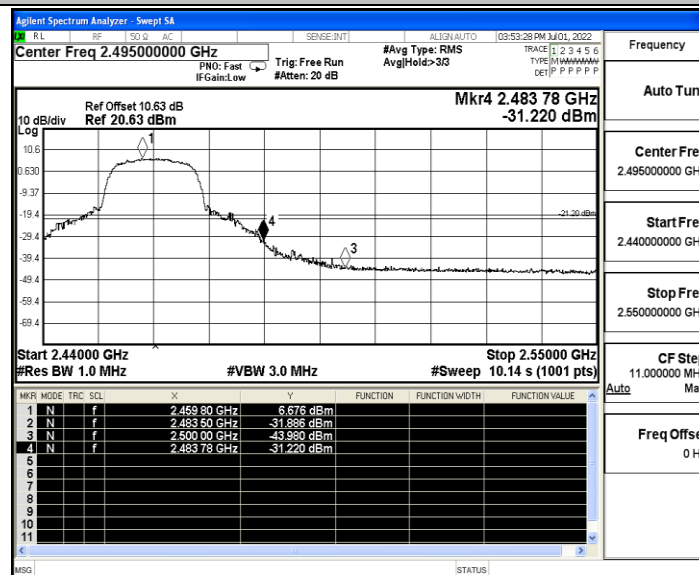


11G_Ant0_High_2462_AV



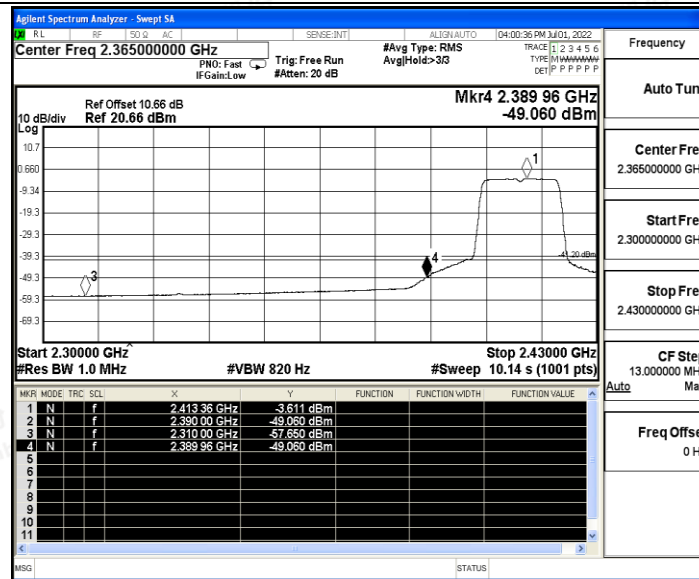


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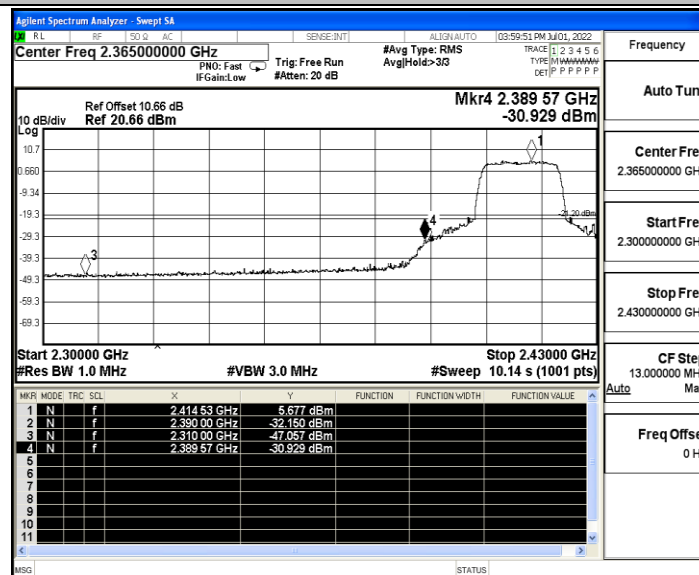


11N20SISO_Ant0_Low_2412_AV



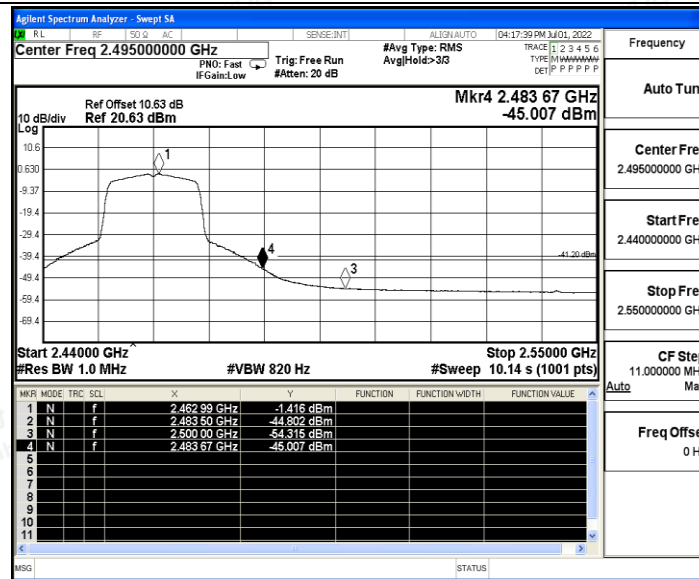


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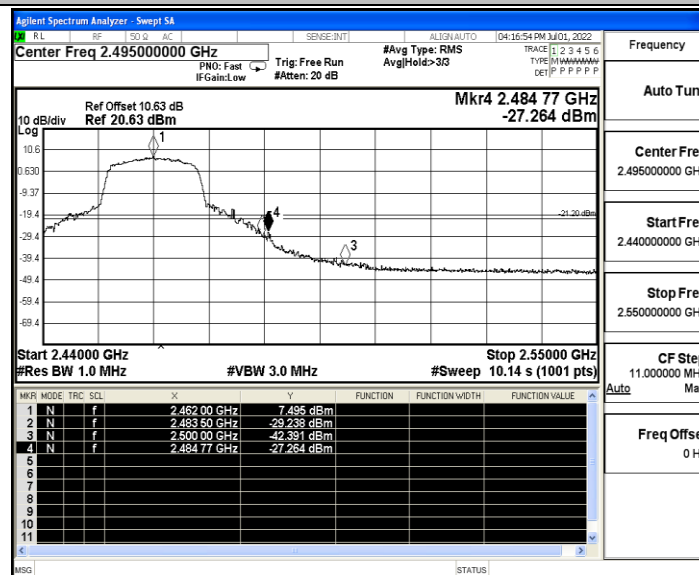


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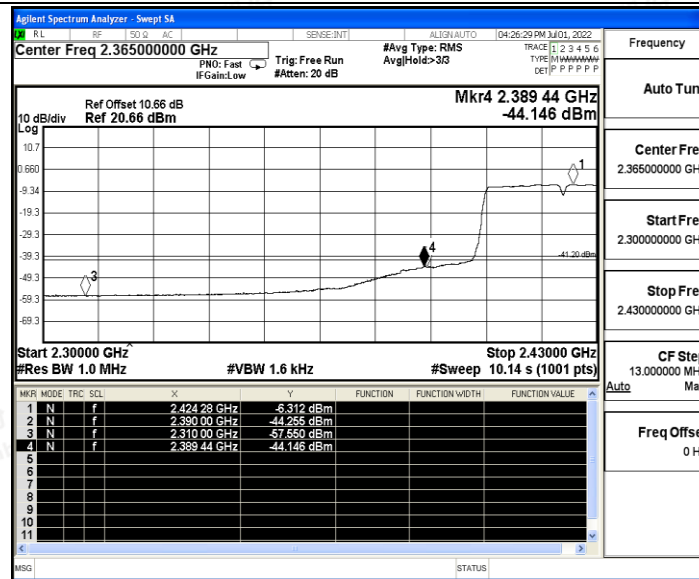


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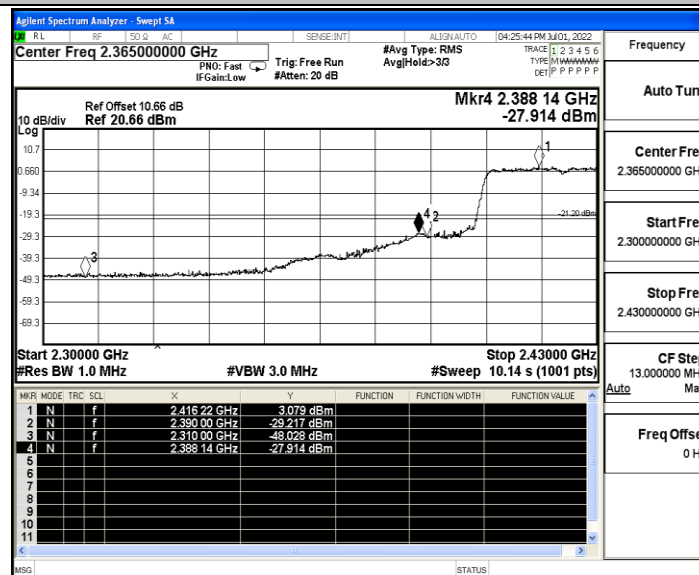


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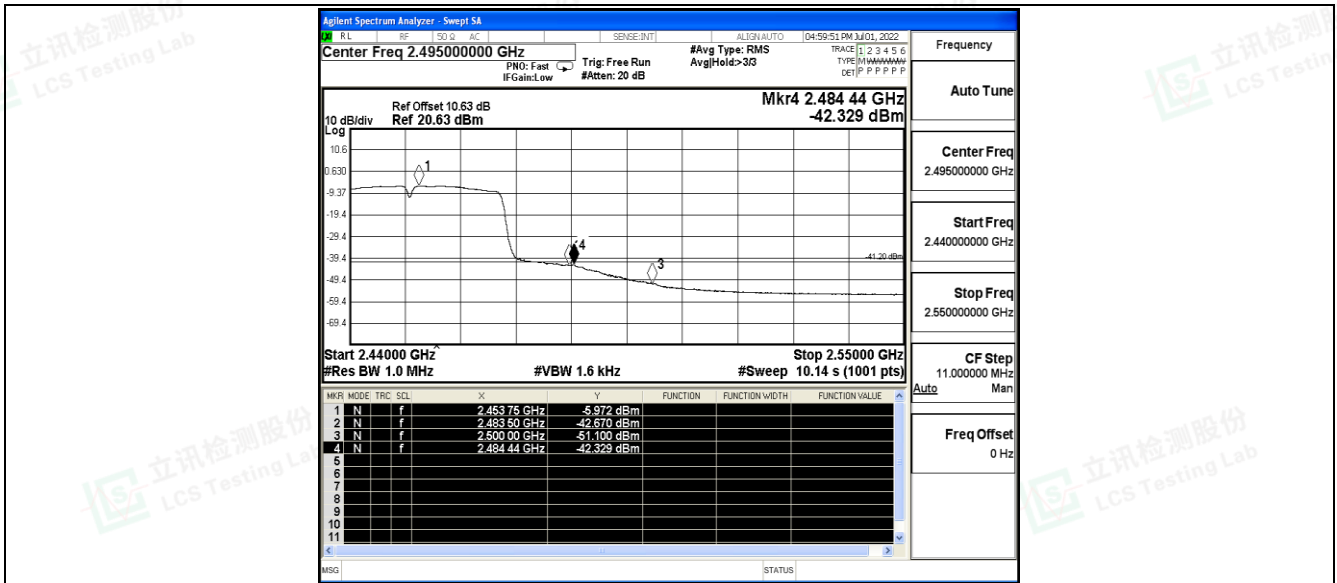


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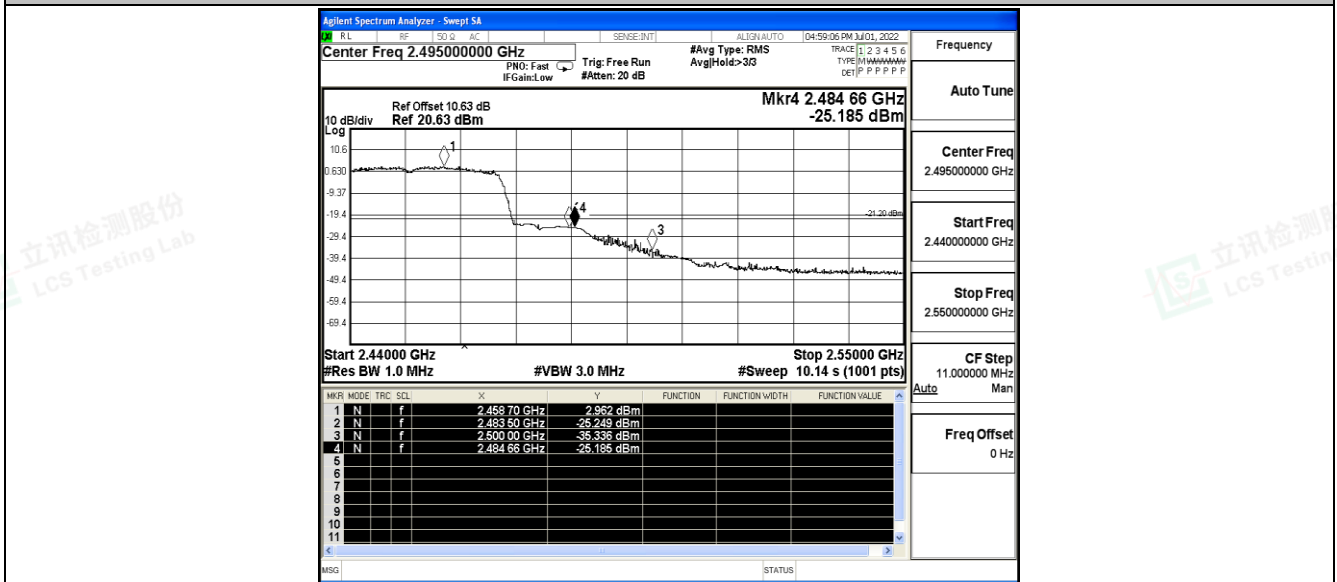


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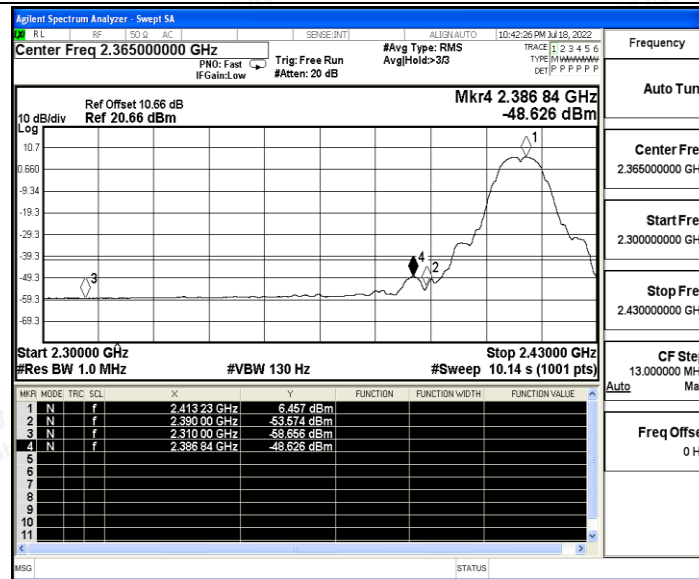


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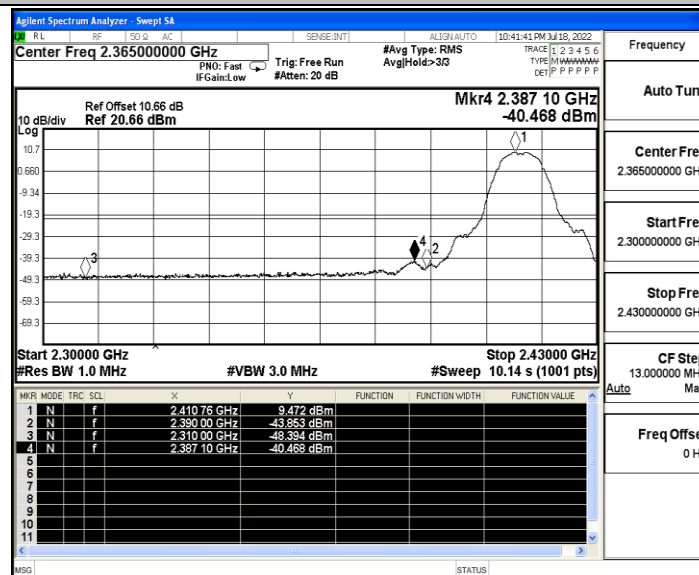


11B_Ant1_Low_2412_AV



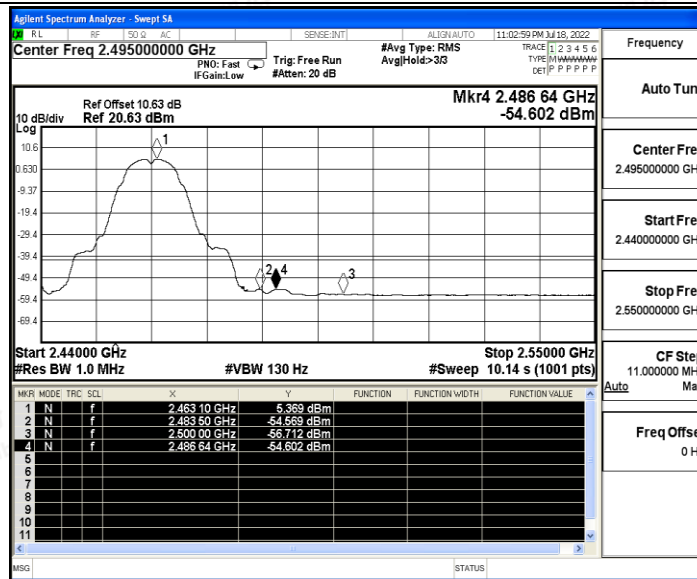


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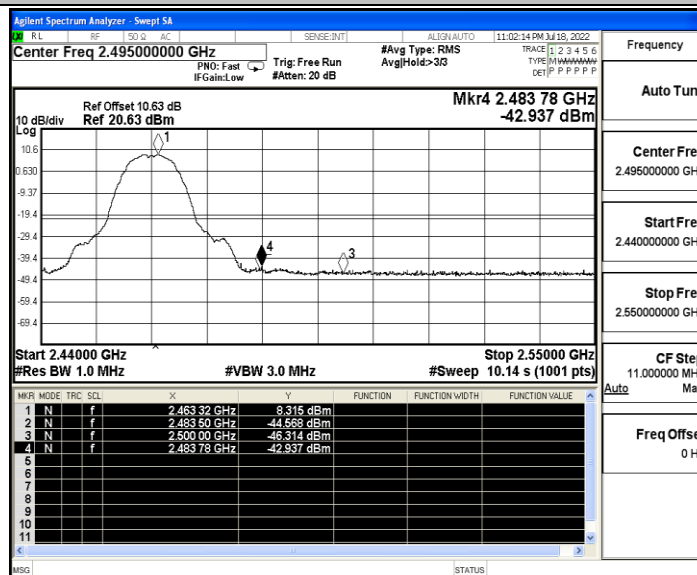


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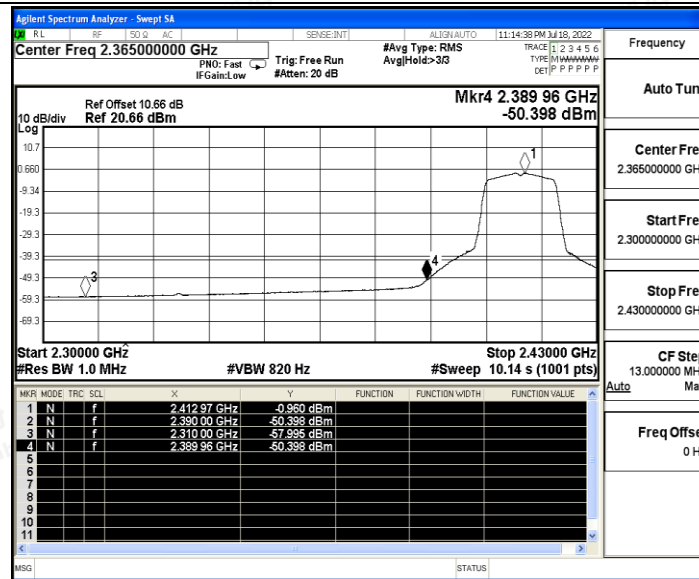


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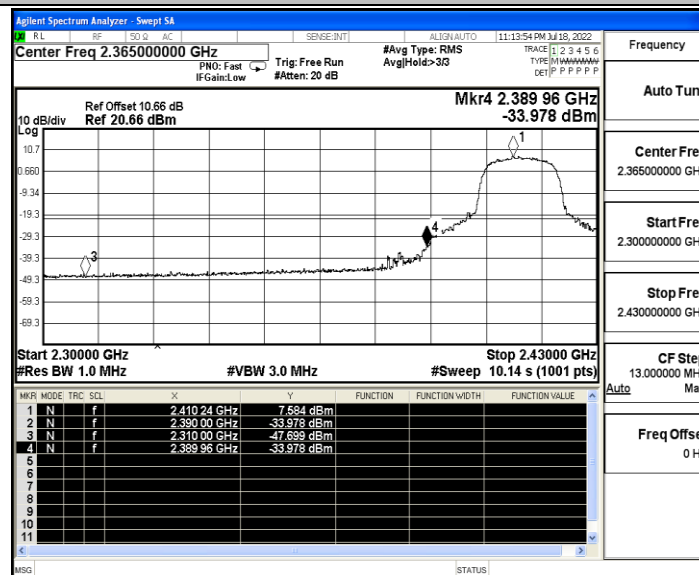


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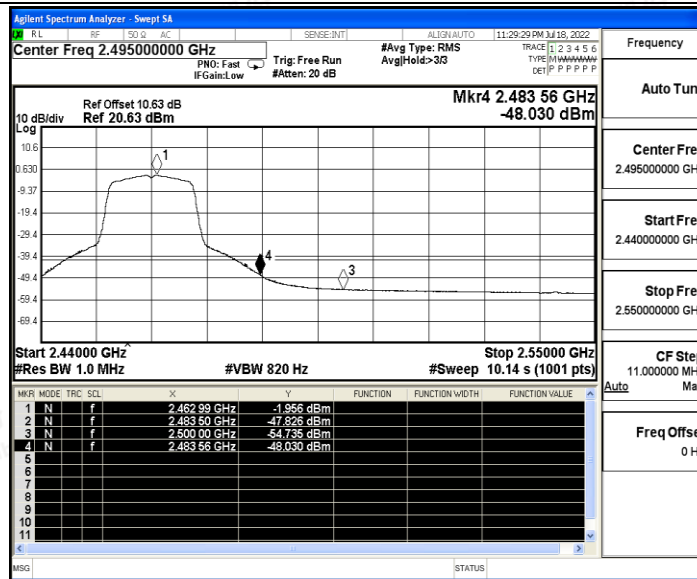


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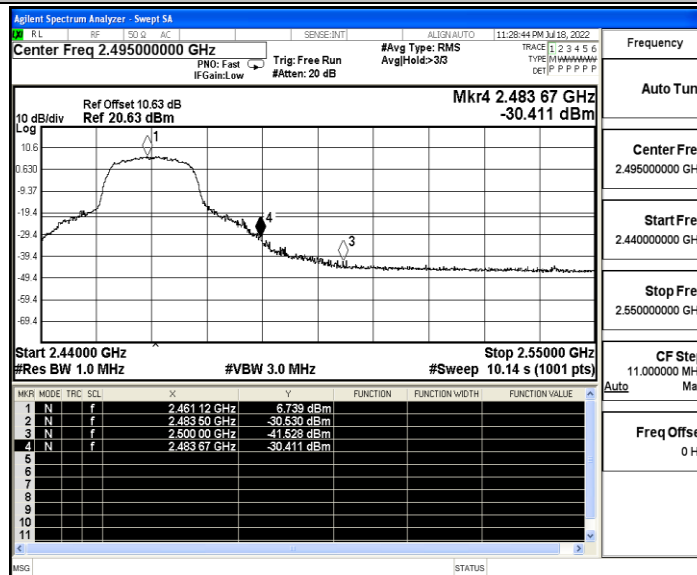


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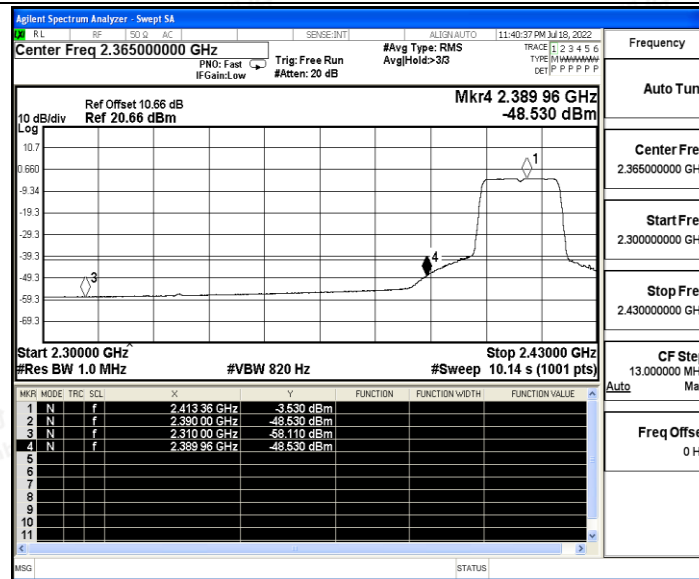


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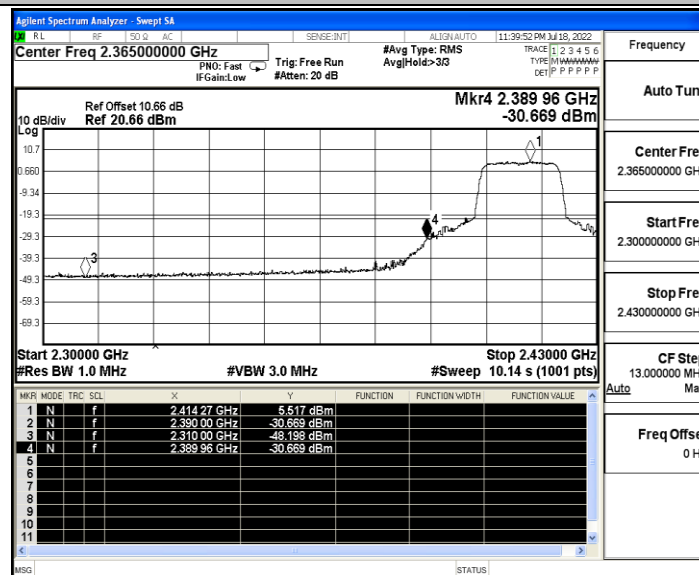


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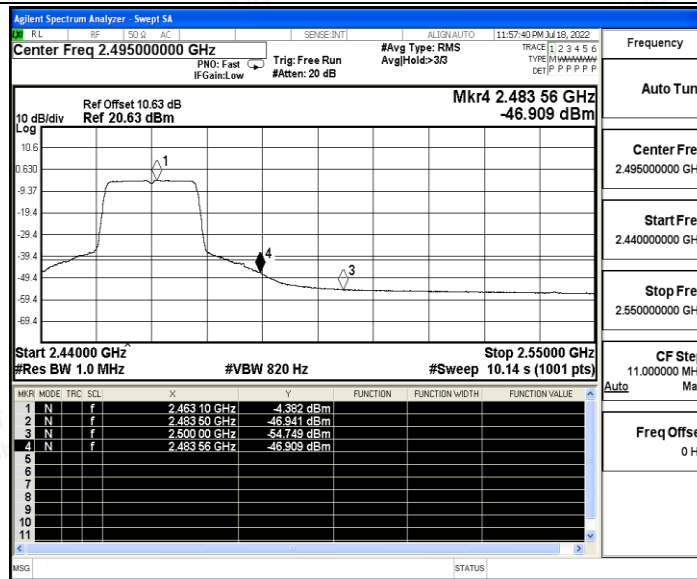


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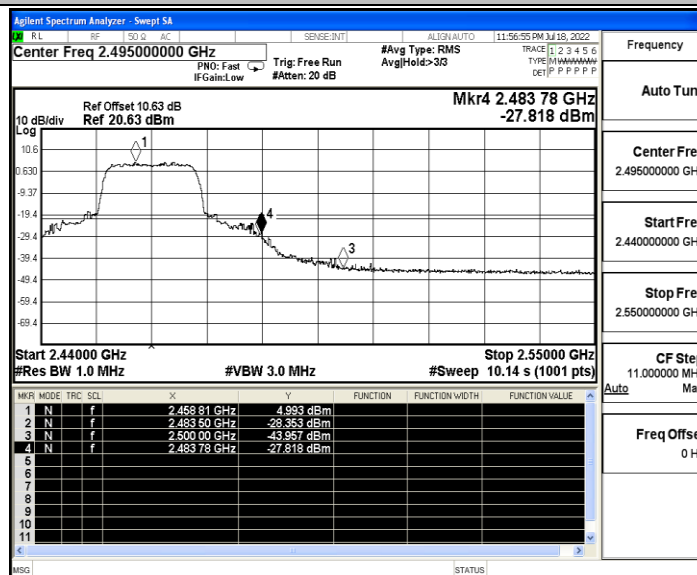


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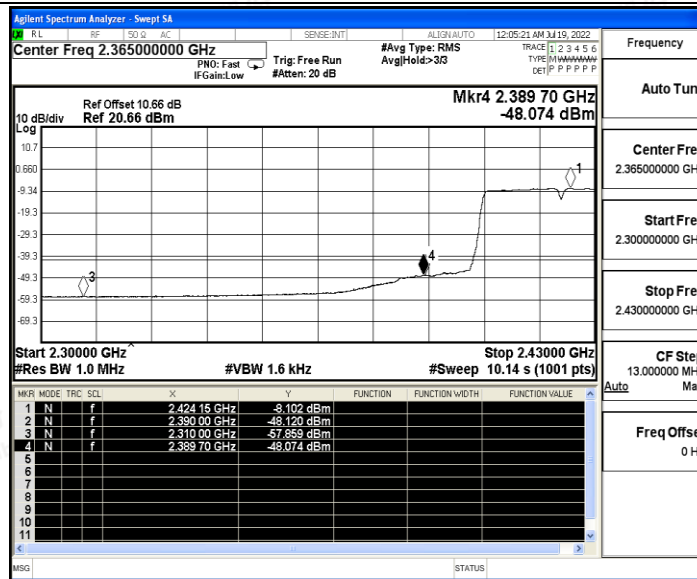


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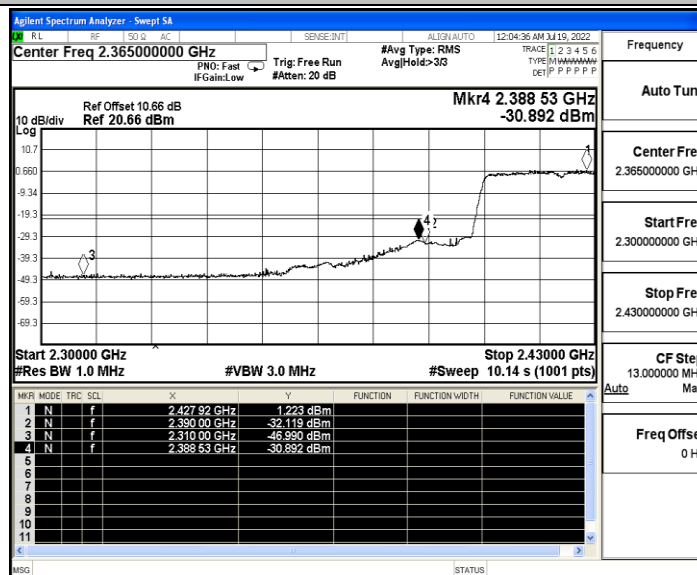


11N40SISO_Ant1_Low_2422_AV



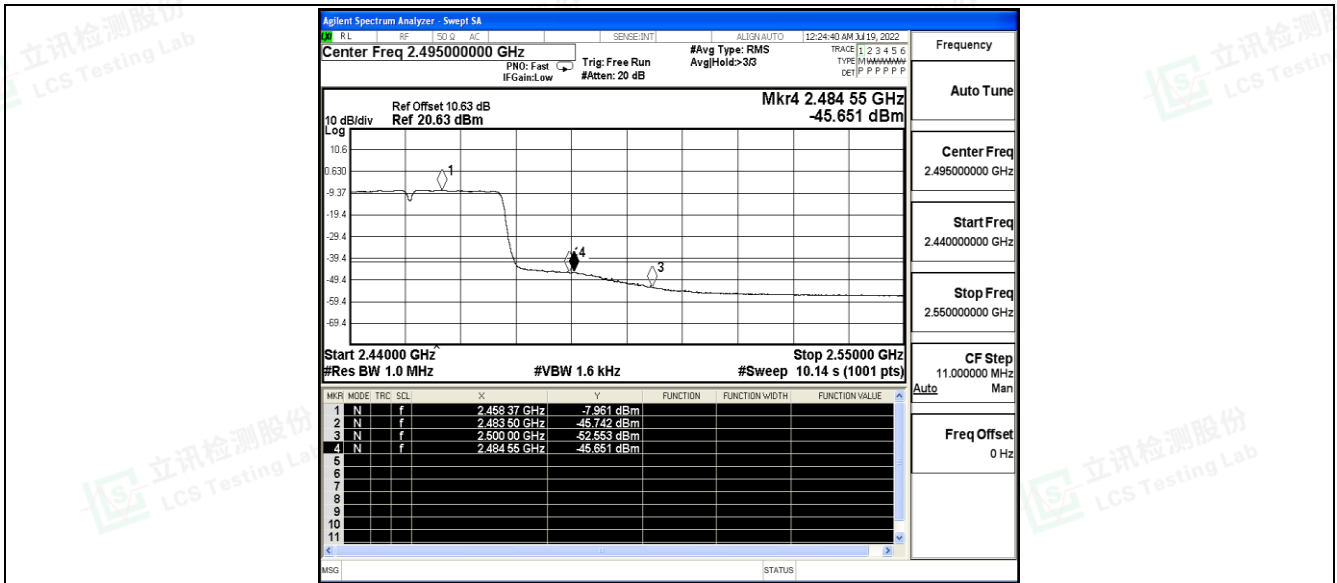


11N40SISO_Ant1_Low_2422_Peak



11N40SISO_Ant1_High_2452_AV





11N40SISO_Ant1_High_2452_Peak

