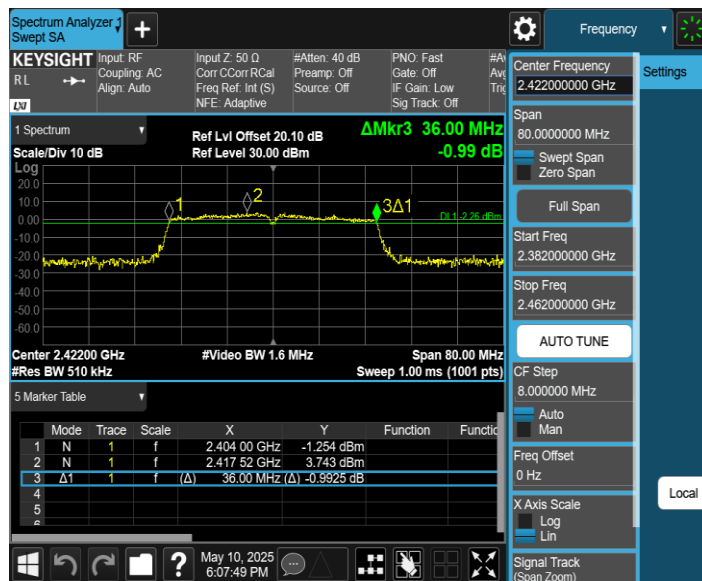
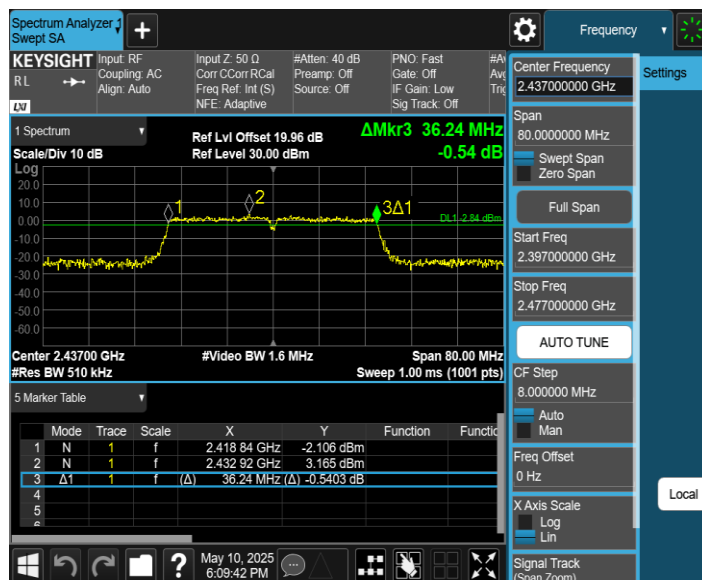
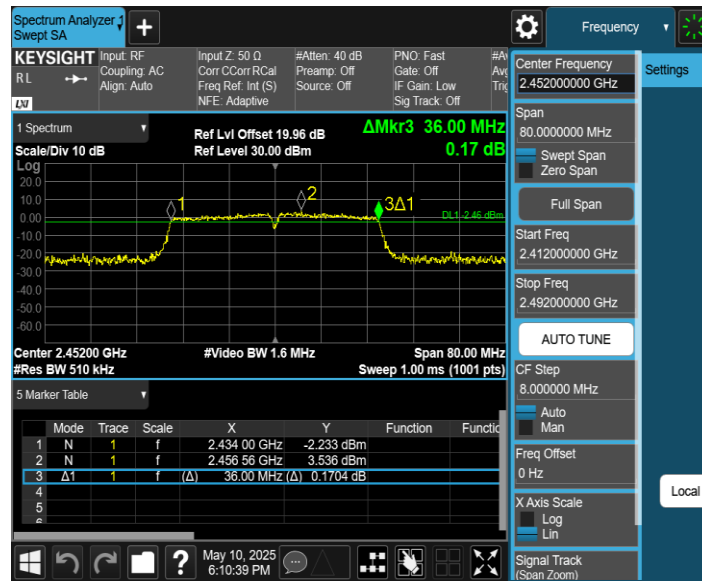




11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



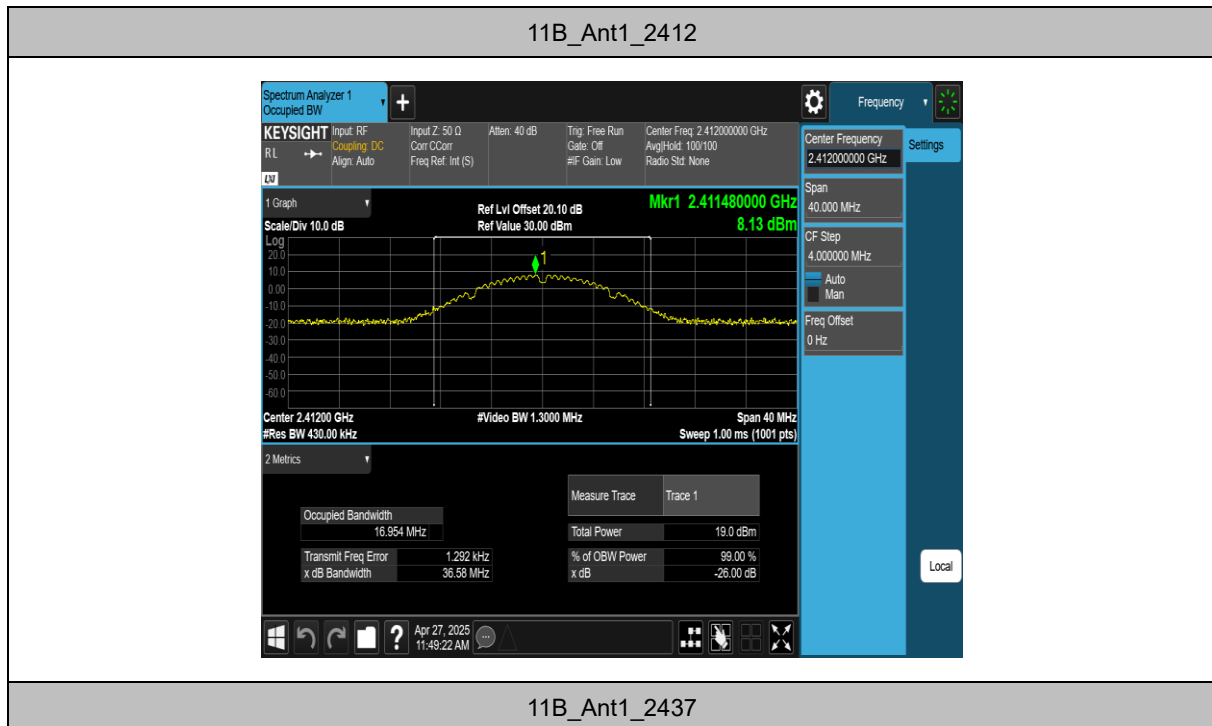


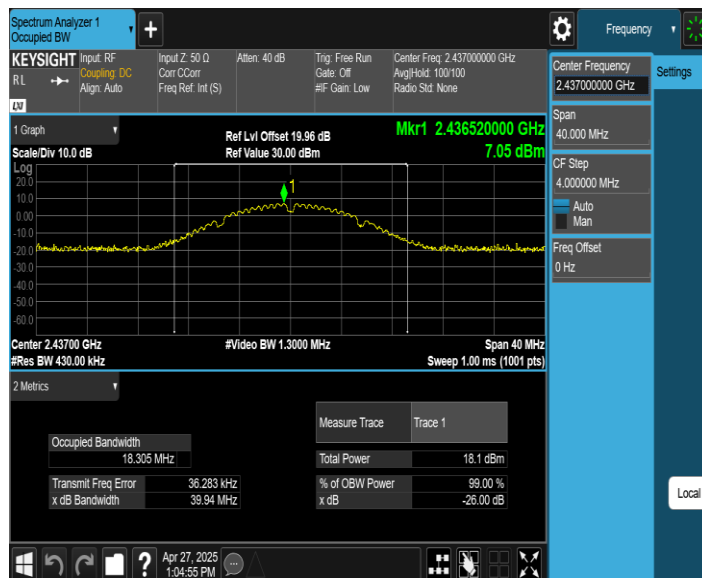
OCCUPIED CHANNEL BANDWIDTH

TEST RESULT

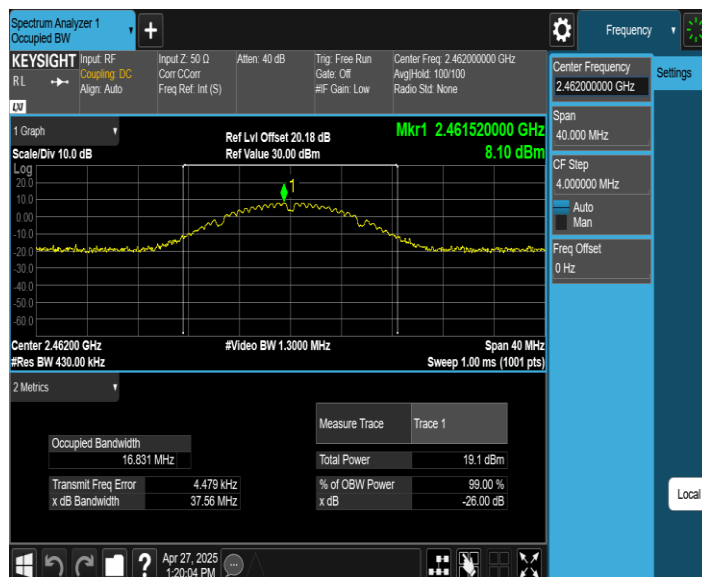
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	16.954	2403.5243	2420.4783	---	---
		2437	18.305	2427.8838	2446.1888	---	---
		2462	16.831	2453.5890	2470.4200	---	---
11G	Ant1	2412	17.692	2403.1525	2420.8445	---	---
		2437	18.092	2427.9348	2446.0268	---	---
		2462	17.468	2453.2706	2470.7386	---	---
11N20SISO	Ant1	2412	18.858	2402.5489	2421.4069	---	---
		2437	19.608	2427.1781	2446.7861	---	---
		2462	18.861	2452.5586	2471.4196	---	---
11N40SISO	Ant1	2422	36.317	2403.8368	2440.1538	---	---
		2437	36.403	2418.8017	2455.2047	---	---
		2452	36.261	2433.8979	2470.1589	---	---

TEST GRAPHS

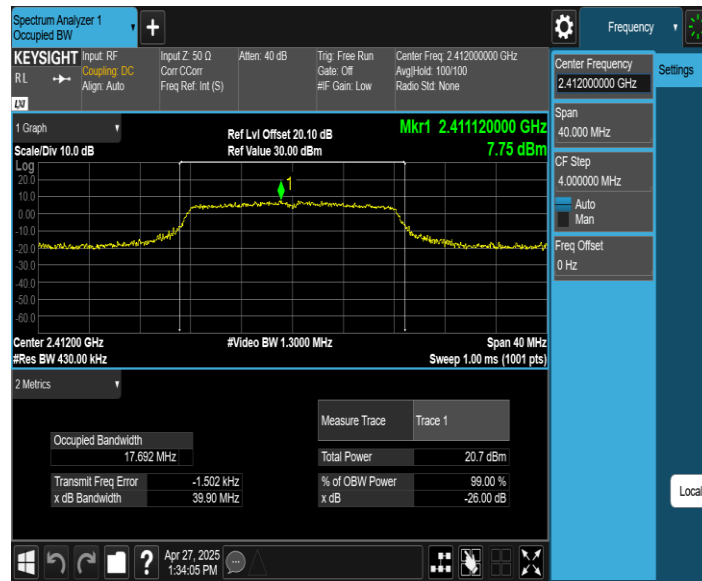




11B_Ant1_2462



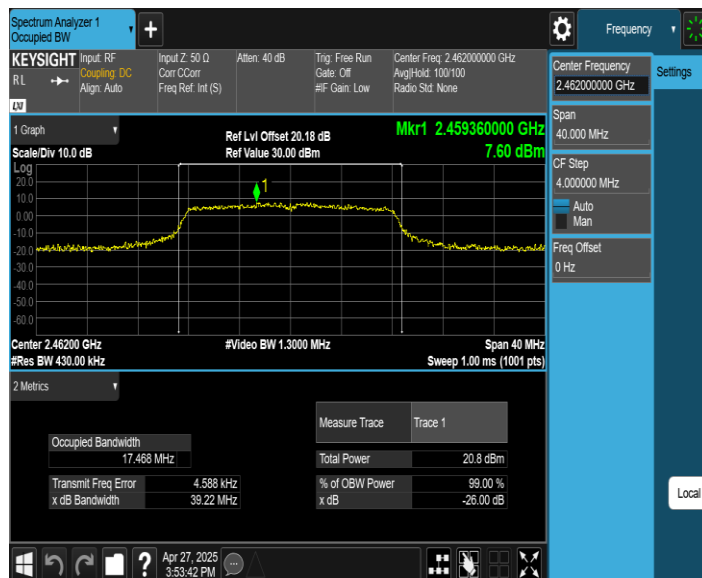
11G_Ant1_2412



11G_Ant1_2437



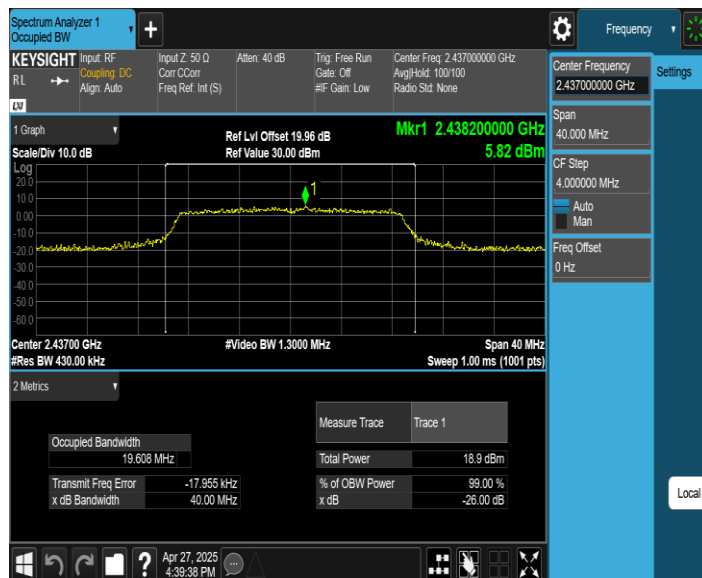
11G_Ant1_2462



11N20SISO_Ant1_2412



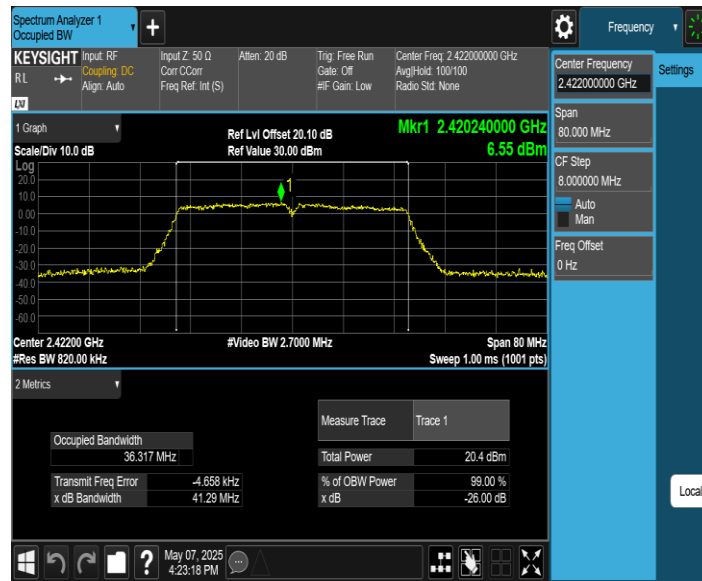
11N20SISO_Ant1_2437



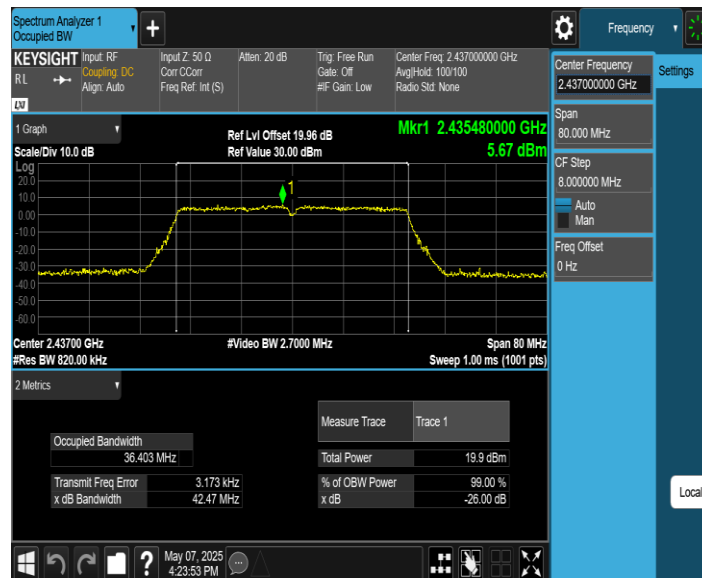
11N20SISO_Ant1_2462



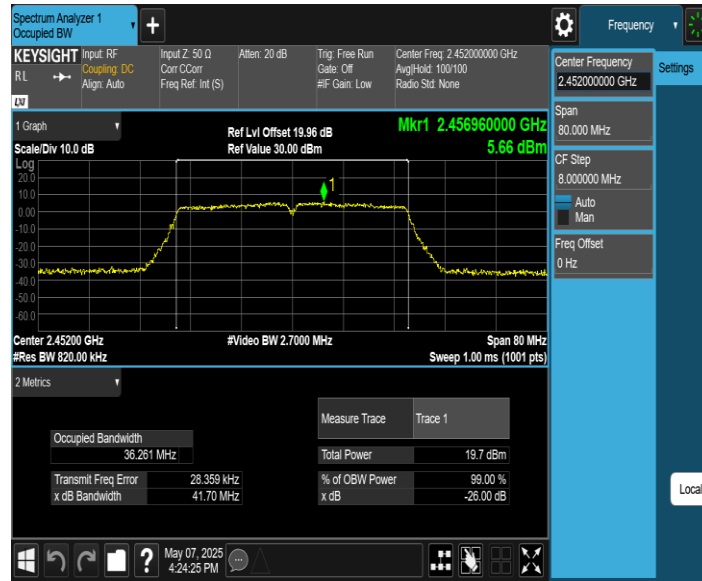
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452





AXIMUM CONDUCTED OUTPUT POWER

TEST RESULT PEAK

Test Mode	TX Mod.	Freq. [MHz]	Ant.	Average power [dBm]	Peak power [dBm]	Peak power [mw]	Conducted Power Limit [dBm]	EIRP power [dBm]	EIRP power [mw]	EIRP Limit [dBm]	Verdict	Power Setting
11B	SISO	2412	ANT1	16.55	19.35	86.10	≤30.00	22.71	186.64	≤36.00	PASS	18
		2437	ANT1	16.57	19.52	89.54	≤30.00	22.88	194.09	≤36.00	PASS	18
		2462	ANT1	16.78	19.56	90.36	≤30.00	22.92	195.88	≤36.00	PASS	18
11G	SISO	2412	ANT1	15.18	20.05	101.16	≤30.00	23.41	219.28	≤36.00	PASS	17
		2437	ANT1	15.20	20.24	105.68	≤30.00	23.60	229.09	≤36.00	PASS	17
		2462	ANT1	15.45	20.78	119.67	≤30.00	24.14	259.42	≤36.00	PASS	17
11N20	SISO	2412	ANT1	14.11	19.13	81.85	≤30.00	22.49	177.42	≤36.00	PASS	16
		2437	ANT1	14.03	18.87	77.09	≤30.00	22.23	167.11	≤36.00	PASS	16
		2462	ANT1	14.24	18.96	78.70	≤30.00	22.32	170.61	≤36.00	PASS	16
11N40	SISO	2422	ANT1	14.10	19.67	92.68	≤30.00	23.03	200.91	≤36.00	PASS	15
		2437	ANT1	14.09	19.93	98.40	≤30.00	23.29	213.30	≤36.00	PASS	15
		2452	ANT1	13.79	20.21	104.95	≤30.00	23.57	227.51	≤36.00	PASS	15

Note: The Average power with duty cycle factor.

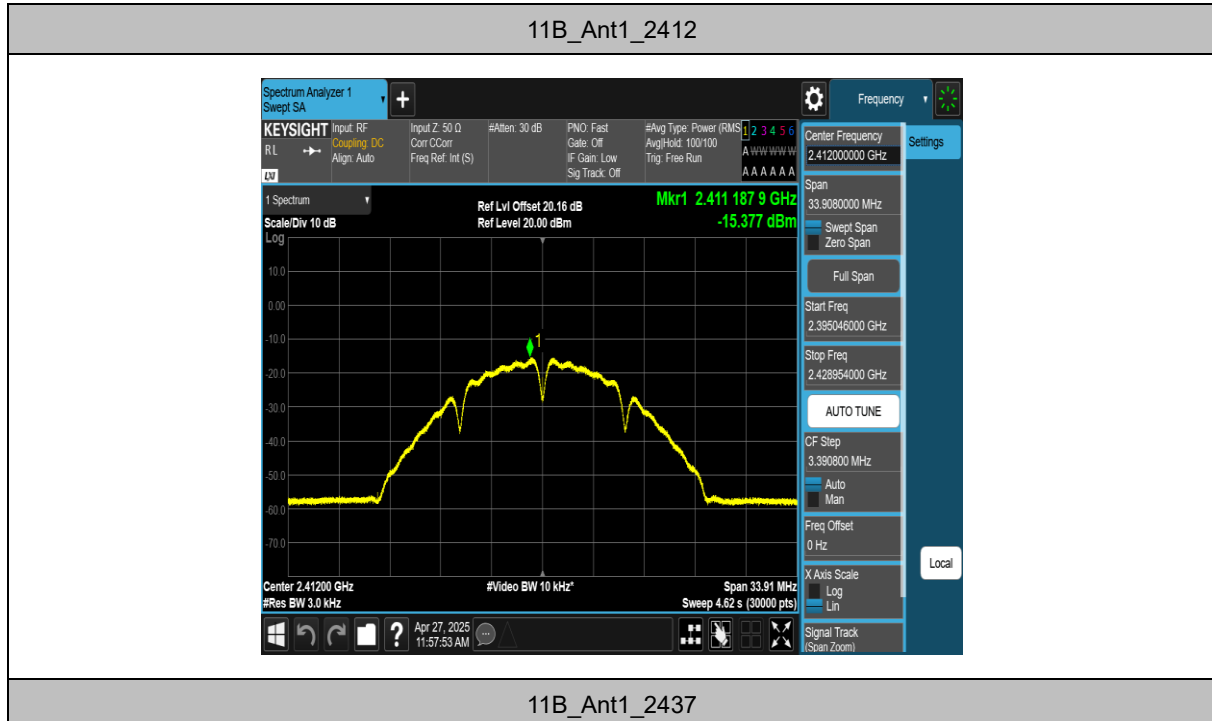


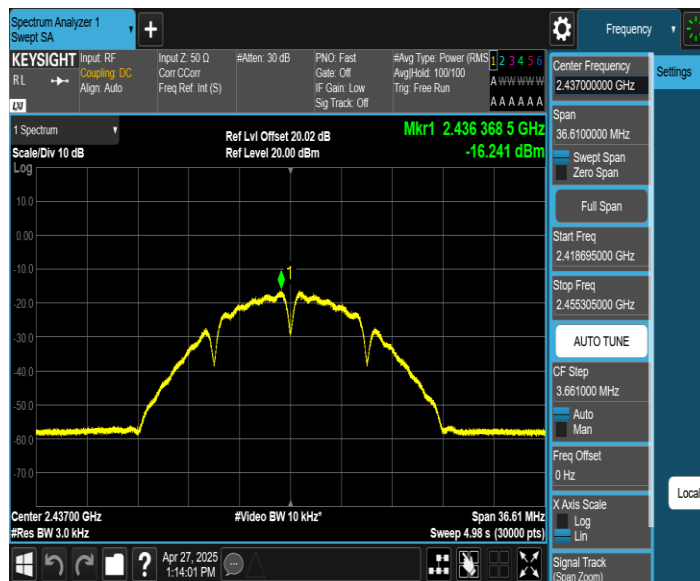
MAXIMUM POWER SPECTRAL DENSITY

TEST RESULT

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-15.38	≤8.00	PASS
		2437	-16.24	≤8.00	PASS
		2462	-15.14	≤8.00	PASS
11G	Ant1	2412	-18.45	≤8.00	PASS
		2437	-19.65	≤8.00	PASS
		2462	-18.85	≤8.00	PASS
11N20SISO	Ant1	2412	-9.58	≤8.00	PASS
		2437	-20.83	≤8.00	PASS
		2462	-19.91	≤8.00	PASS
11N40SISO	Ant1	2422	-22.36	≤8.00	PASS
		2437	-23.67	≤8.00	PASS
		2452	-22.99	≤8.00	PASS

TEST GRAPHS

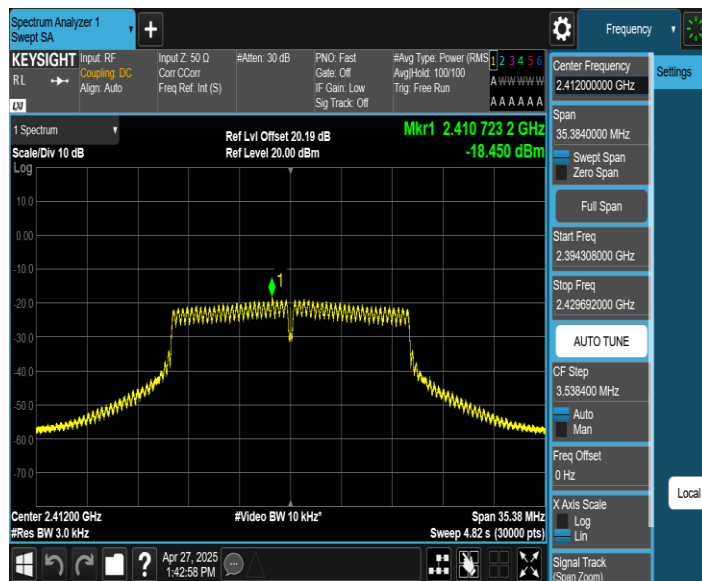




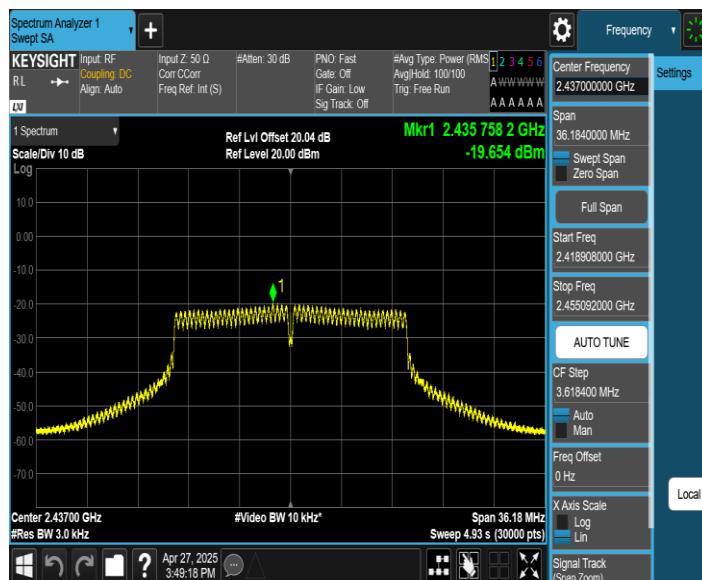
11B_Ant1_2462



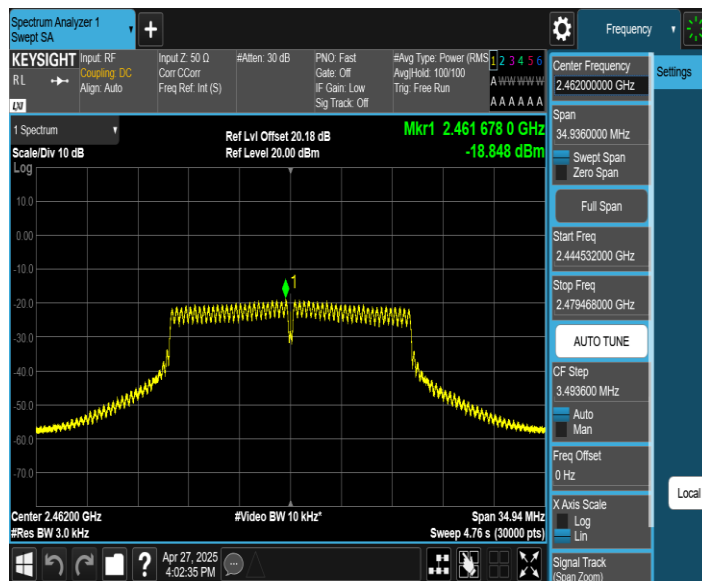
11G_Ant1_2412



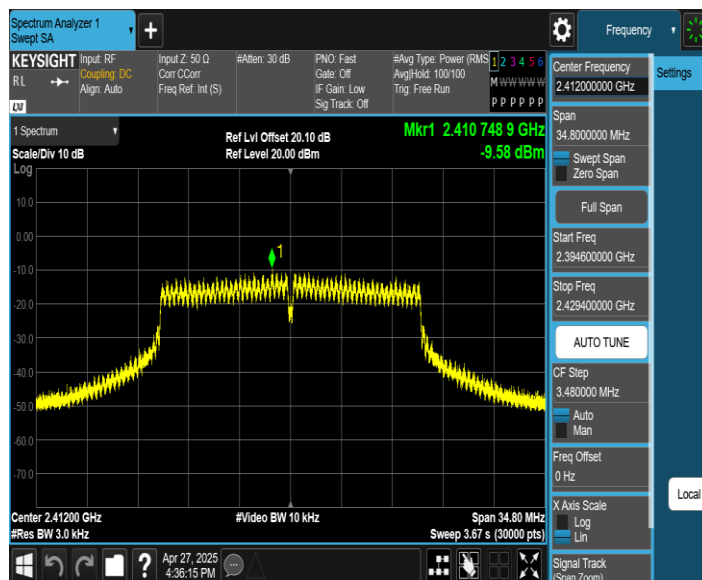
11G_Ant1_2437



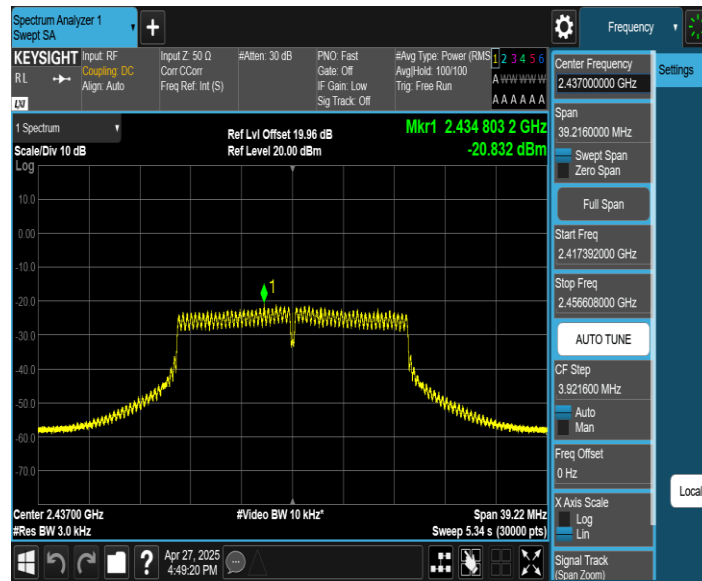
11G_Ant1_2462



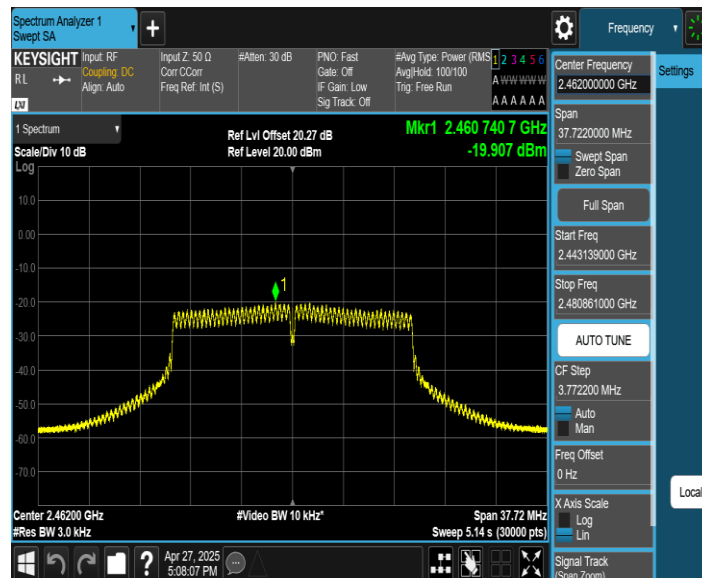
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



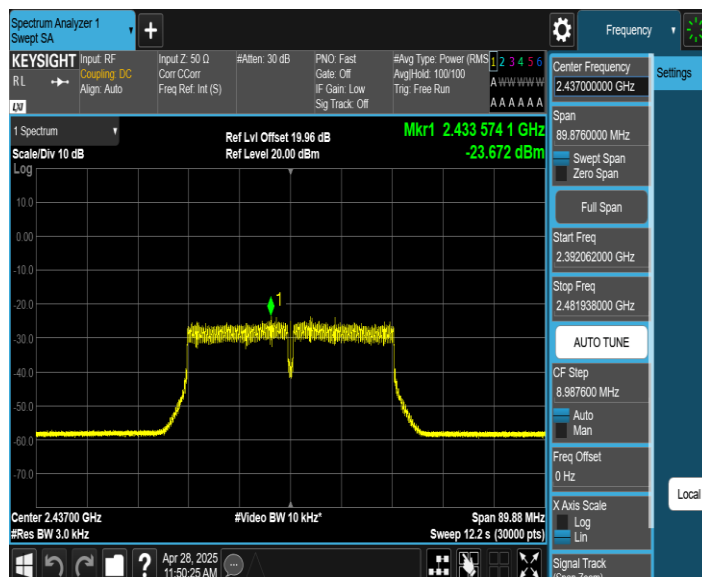
11N20SISO_Ant1_2462



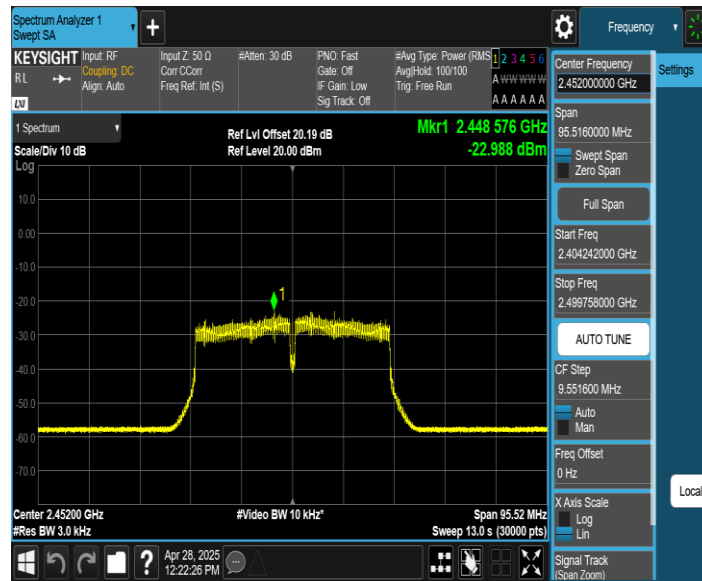
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



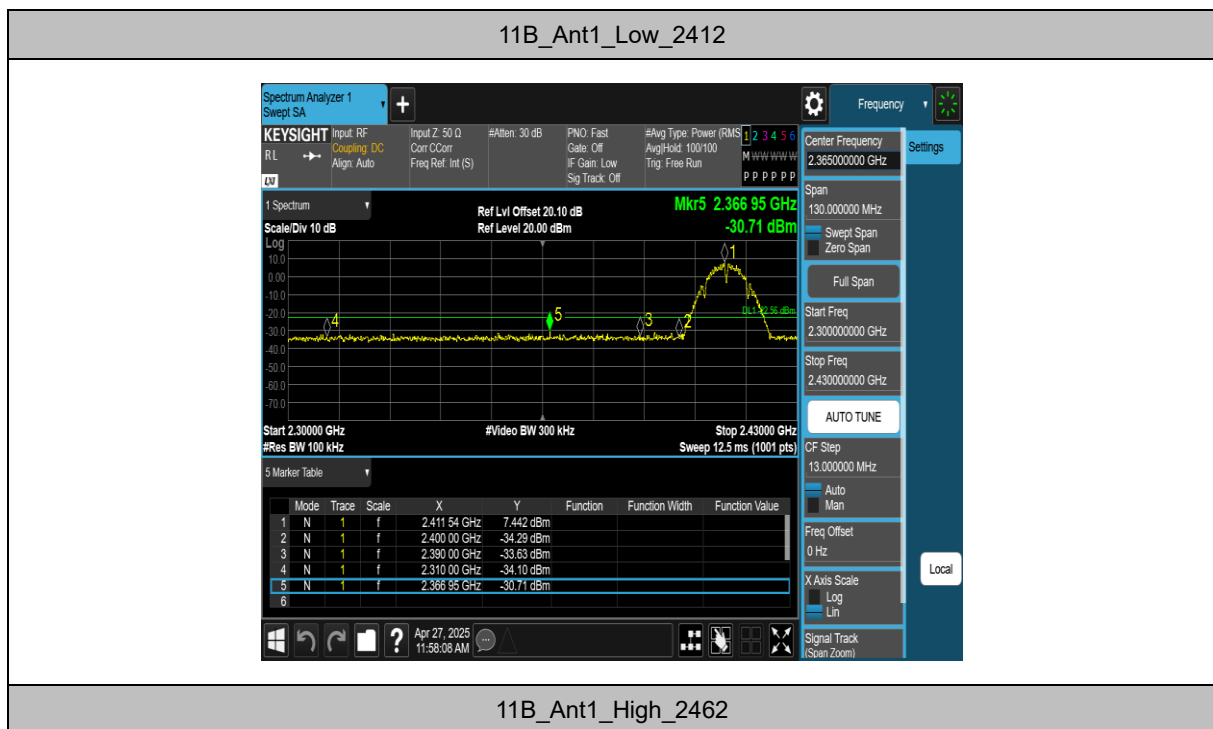


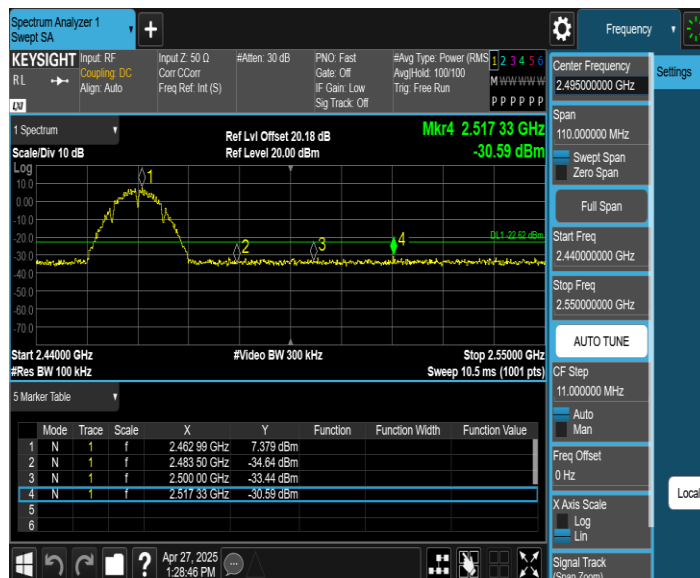
BAND EDGE MEASUREMENTS

TEST RESULT

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.44	-30.71	≤-22.56	PASS
		High	2462	7.38	-30.59	≤-22.62	PASS
11G	Ant1	Low	2412	5.12	-26.62	≤-24.88	PASS
		High	2462	5.60	-31.58	≤-24.4	PASS
11N20SISO	Ant1	Low	2412	4.51	-24.52	≤-15.49	PASS
		High	2462	3.99	-30.75	≤-26.01	PASS
11N40SISO	Ant1	Low	2422	-0.02	-36.81	≤-30.02	PASS
		High	2452	-0.94	-40.98	≤-30.94	PASS

TEST GRAPHS

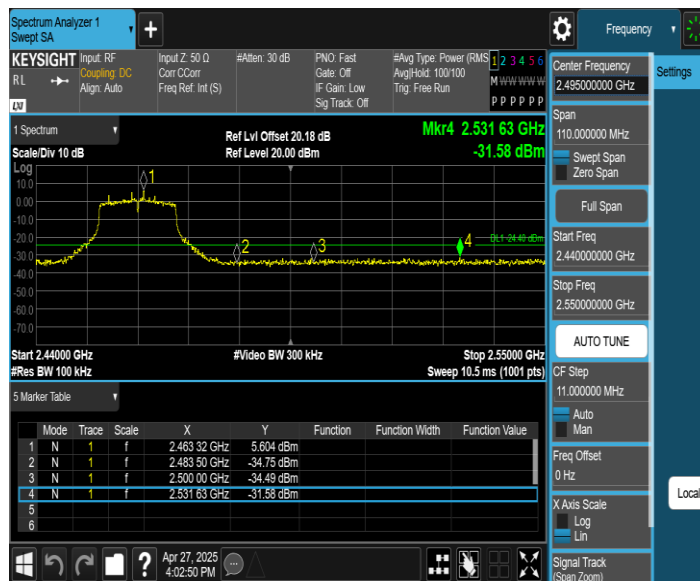




11G_Ant1_Low_2412



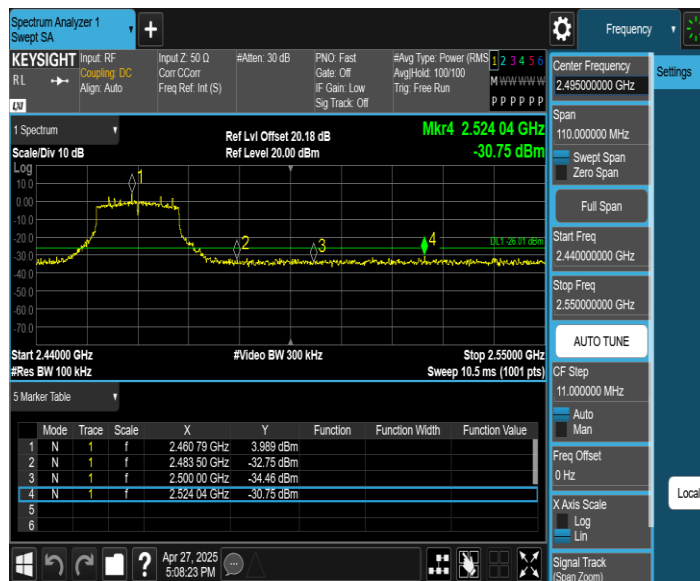
11G_Ant1_High_2462



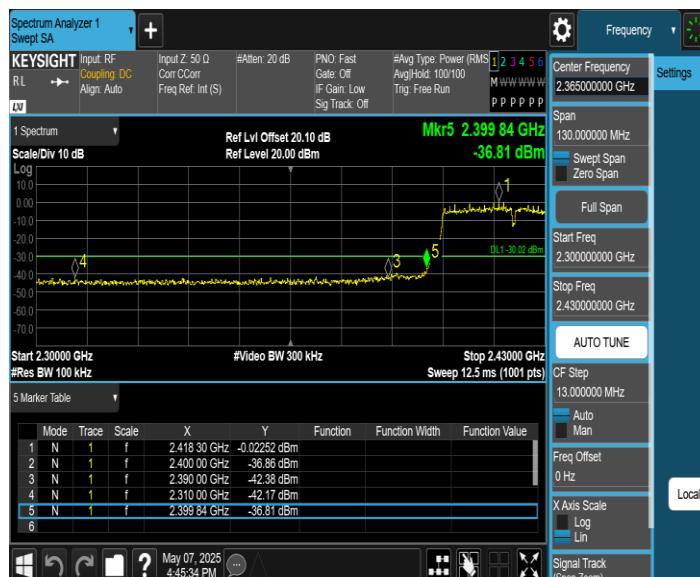
11N20SISO_Ant1_Low_2412



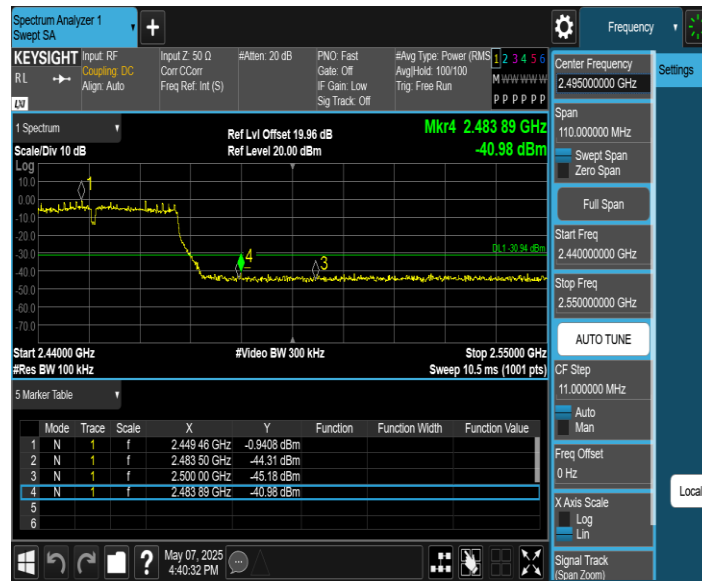
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452





CONDUCTED SPURIOUS EMISSION

TEST RESULT

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	-3.02	-3.02	---	PASS
			30~1000	-3.02	-53.95	≤-33.02	PASS
			1000~26500	-3.02	-59.23	≤-33.02	PASS
		2437	Reference	4.40	4.40	---	PASS
			30~1000	4.40	-45	≤-25.6	PASS
			1000~26500	4.40	-48.84	≤-25.6	PASS
		2462	Reference	5.77	5.77	---	PASS
			30~1000	5.77	-43.91	≤-24.23	PASS
			1000~26500	5.77	-49.77	≤-24.23	PASS
11G	Ant1	2412	Reference	1.58	1.58	---	PASS
			30~1000	1.58	-44.97	≤-28.42	PASS
			1000~26500	1.58	-50.16	≤-28.42	PASS
		2437	Reference	1.98	1.98	---	PASS
			30~1000	1.98	-45.38	≤-28.02	PASS
			1000~26500	1.98	-49.83	≤-28.02	PASS
		2462	Reference	2.30	2.30	---	PASS
			30~1000	2.30	-44.7	≤-27.7	PASS
			1000~26500	2.30	-49.04	≤-27.7	PASS
11N20SISO	Ant1	2412	Reference	3.03	3.03	---	PASS
			30~1000	3.03	-44.71	≤-26.97	PASS
			1000~26500	3.03	-49.57	≤-26.97	PASS
		2437	Reference	3.04	3.04	---	PASS
			30~1000	3.04	-45.14	≤-26.96	PASS
			1000~26500	3.04	-49.63	≤-26.96	PASS
		2462	Reference	1.56	1.56	---	PASS
			30~1000	1.56	-44.27	≤-28.44	PASS
			1000~26500	1.56	-50.15	≤-28.44	PASS
11N40SISO	Ant1	2422	Reference	-0.14	-0.14	---	PASS
			30~1000	-0.14	-44.5	≤-30.14	PASS
			1000~26500	-0.14	-49.19	≤-30.14	PASS
		2437	Reference	-1.27	-1.27	---	PASS
			30~1000	-1.27	-43.14	≤-31.27	PASS



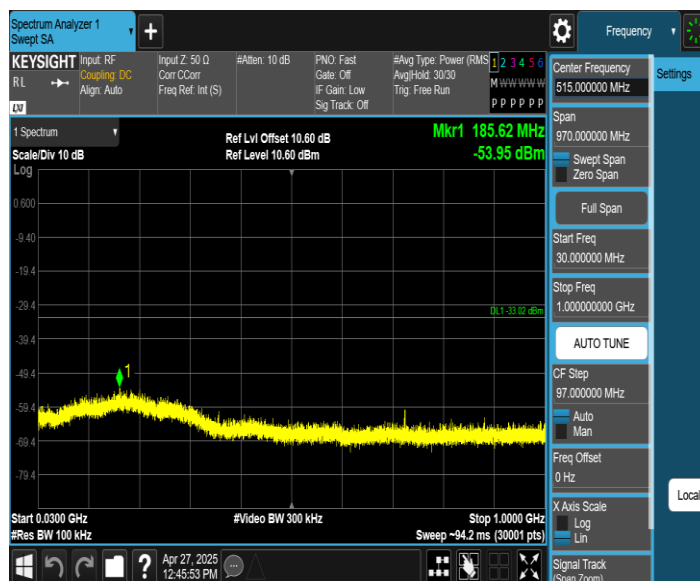
			1000~26500	-1.27	-50.26	≤ -31.27	PASS
		2452	Reference	-0.50	-0.50	---	PASS
			30~1000	-0.50	-44.28	≤ -30.5	PASS
			1000~26500	-0.50	-49.79	≤ -30.5	PASS



11B_Ant1_2412_0~Reference



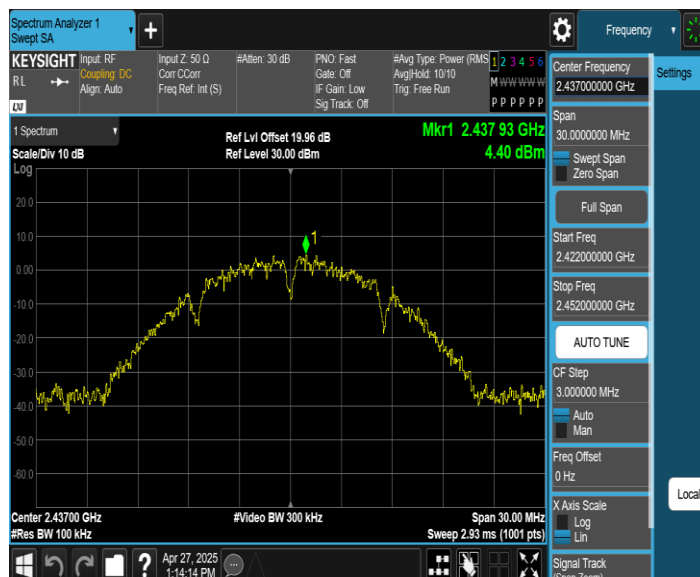
11B_Ant1_2412_30~1000



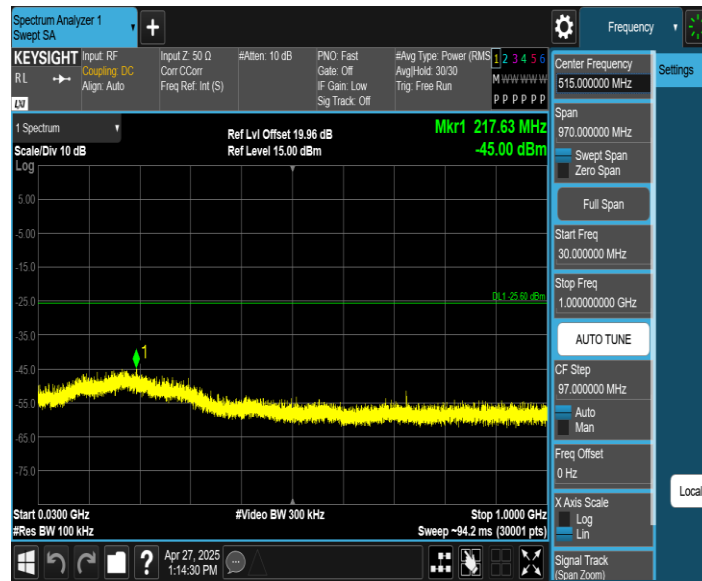
11B_Ant1_2412_1000~26500



11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



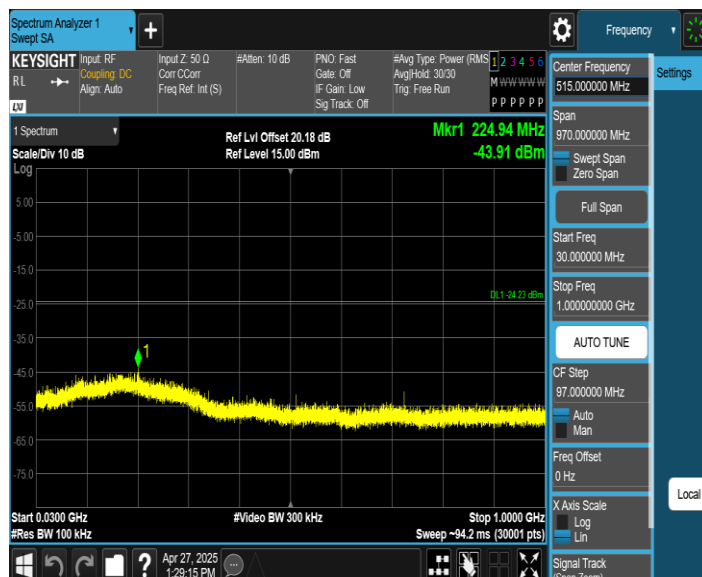
11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



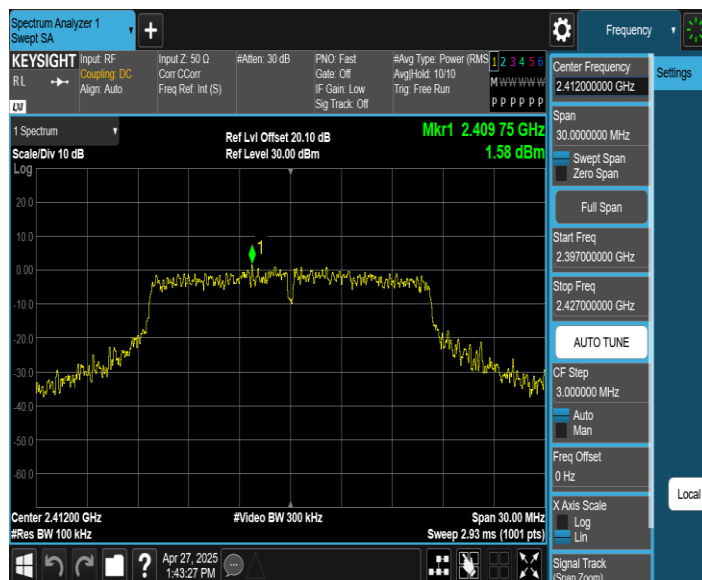
11B_Ant1_2462_30~1000



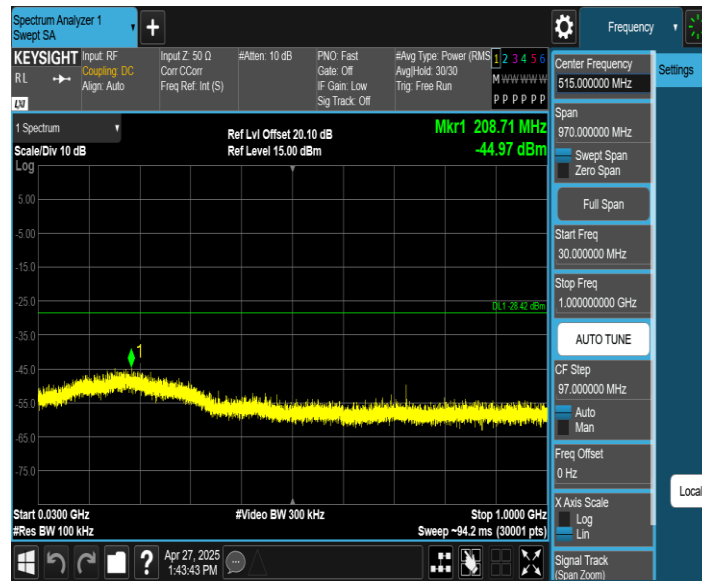
11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference



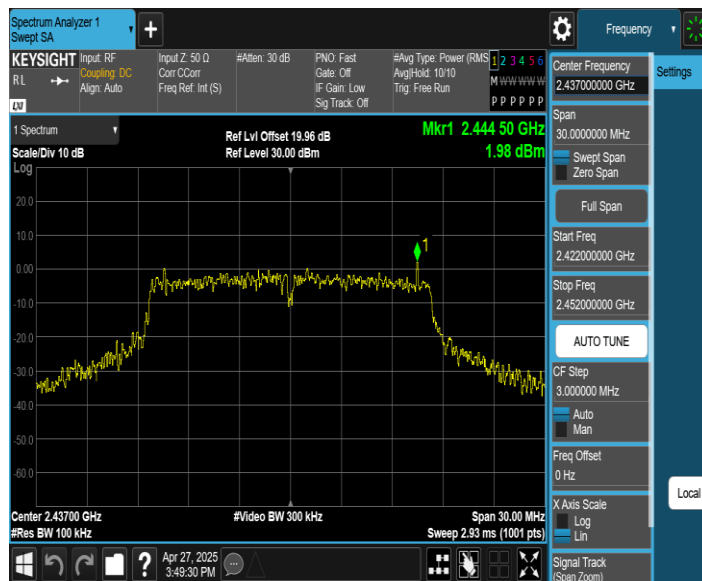
11G_Ant1_2412_30~1000



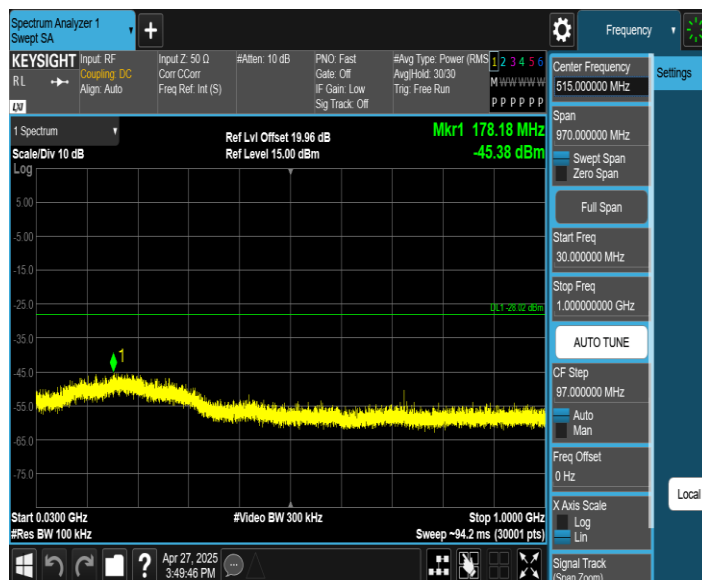
11G_Ant1_2412_1000~26500



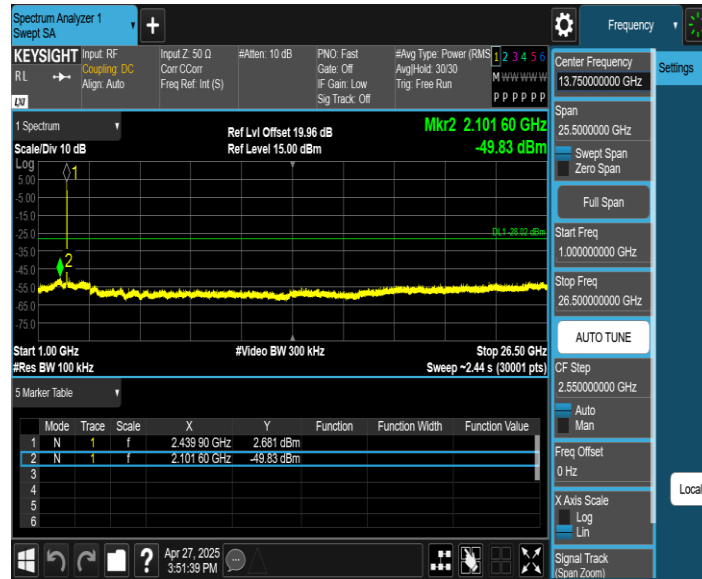
11G_Ant1_2437_0~Reference



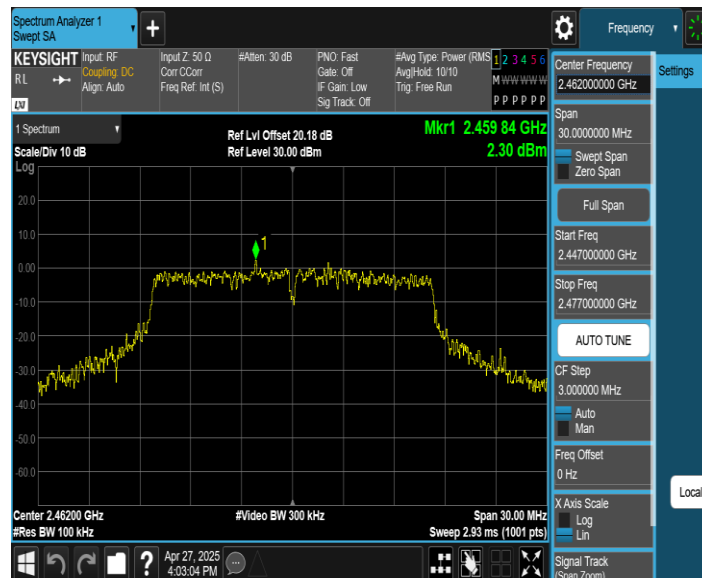
11G_Ant1_2437_30~1000



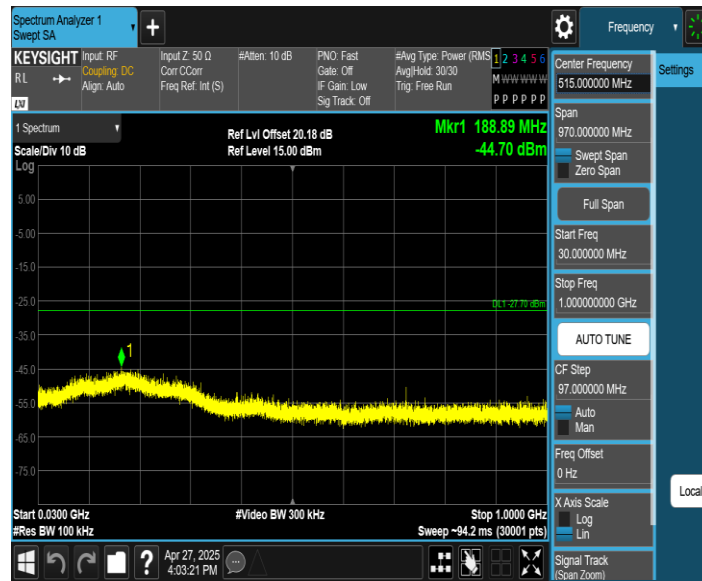
11G_Ant1_2437_1000~26500



11G_Ant1_2462_0~Reference



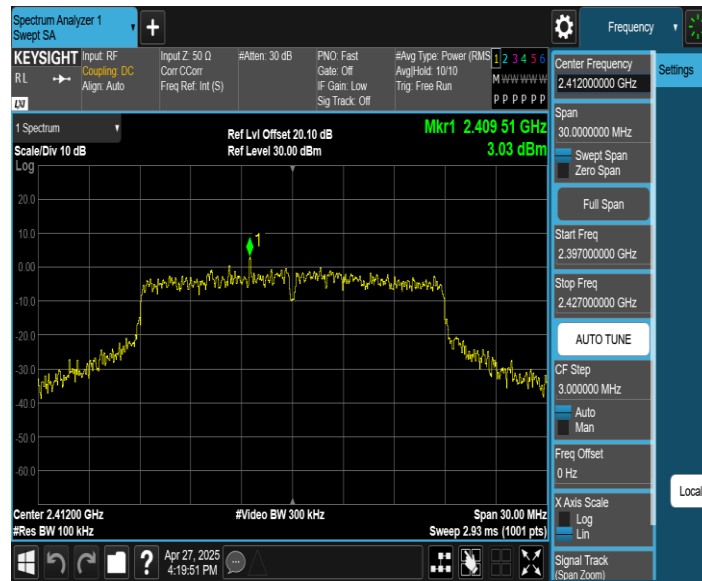
11G_Ant1_2462_30~1000



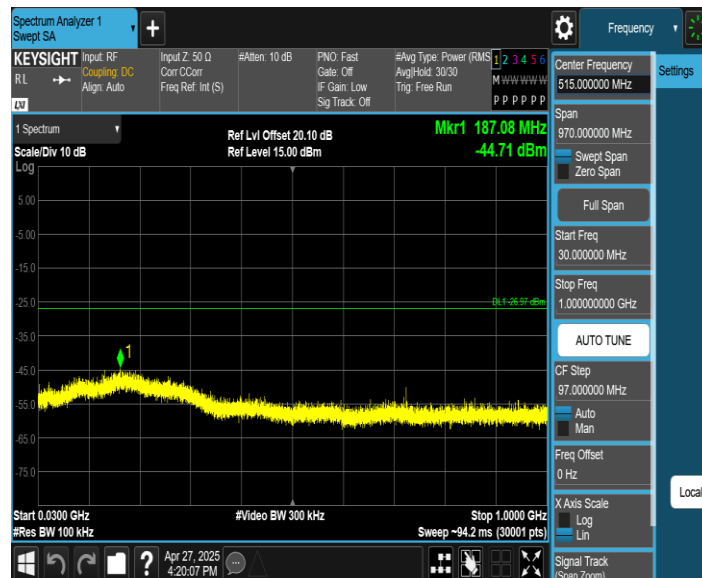
11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



11N20SISO_Ant1_2412_1000~26500