

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.040	2407.480	2416.520	0.5	PASS
		2437	8.560	2433.000	2441.560	0.5	PASS
		2462	8.560	2457.960	2466.520	0.5	PASS
11G	Ant1	2412	16.320	2403.840	2420.160	0.5	PASS
		2437	16.320	2428.840	2445.160	0.5	PASS
		2462	16.360	2453.840	2470.200	0.5	PASS
11N20SI SO	Ant1	2412	17.520	2403.240	2420.760	0.5	PASS
		2437	17.200	2428.560	2445.760	0.5	PASS
		2462	17.040	2453.720	2470.760	0.5	PASS
11N40SI SO	Ant1	2422	34.400	2405.440	2439.840	0.5	PASS
		2437	35.120	2419.400	2454.520	0.5	PASS
		2452	34.560	2435.120	2469.680	0.5	PASS

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



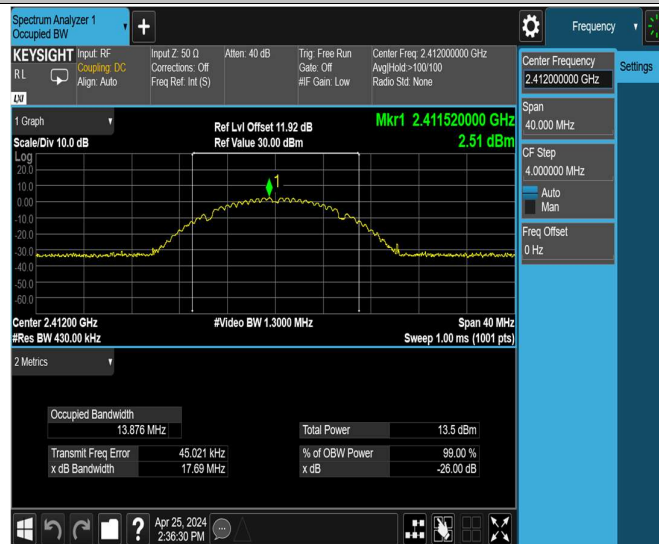
Appendix B: Occupied Channel Bandwidth

Test Result

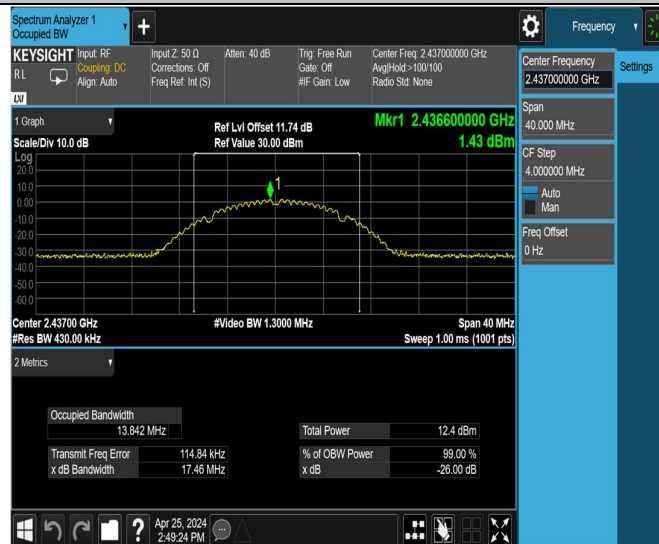
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.838	2405.1283	2418.966 3	---	---
		2437	13.836	2430.1975	2444.033 5	---	---
		2462	13.644	2455.2755	2468.919 5	---	---
11G	Ant1	2412	17.166	2403.4948	2420.660 8	---	---
		2437	17.099	2428.4383	2445.537 3	---	---
		2462	17.136	2453.4758	2470.611 8	---	---
11N20SI SO	Ant1	2412	18.100	2403.0040	2421.104 0	---	---
		2437	18.063	2428.0223	2446.085 3	---	---
		2462	18.100	2452.9926	2471.092 6	---	---
11N40SI SO	Ant1	2422	36.149	2404.0222	2440.171 2	---	---
		2437	36.187	2419.0078	2455.194 8	---	---
		2452	36.189	2433.9994	2470.188 4	---	---

Test Graphs

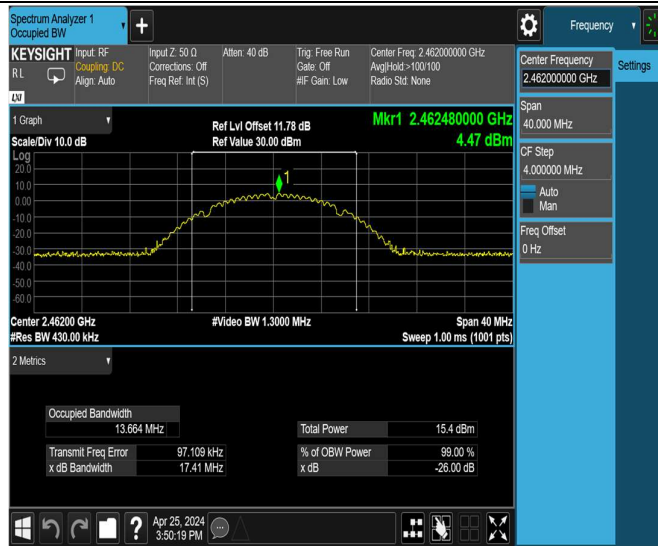
11B_Ant1_2412



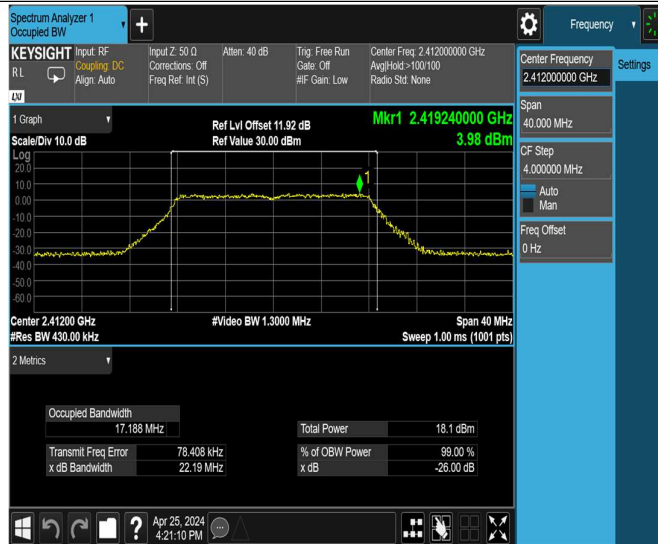
11B_Ant1_2437



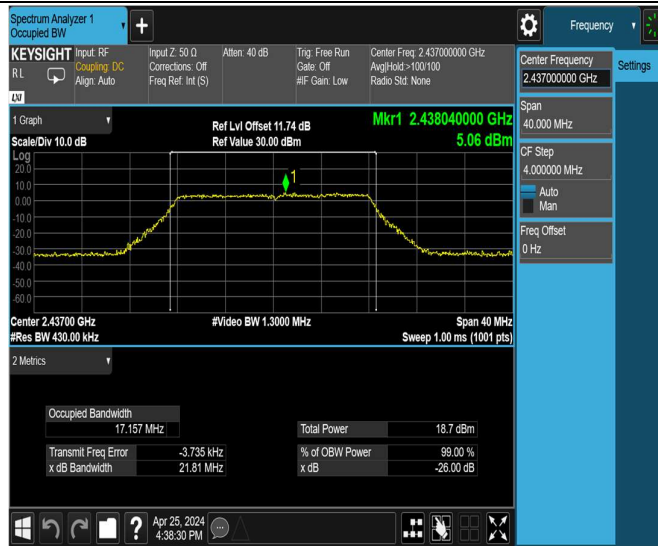
11B_Ant1_2462



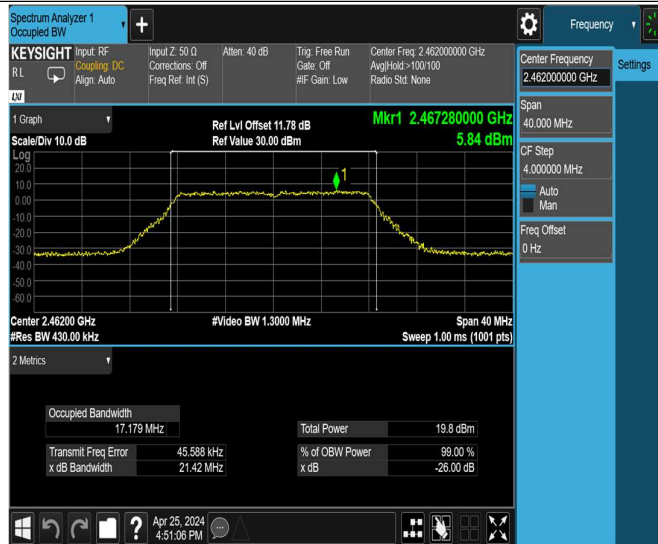
11G_Ant1_2412



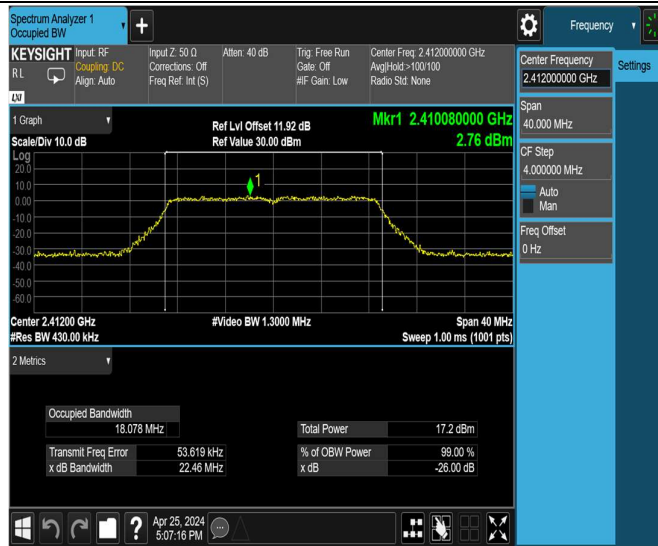
11G_Ant1_2437



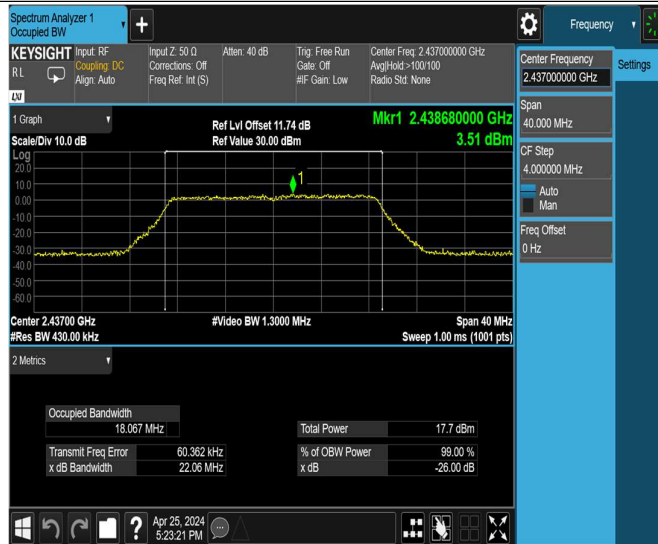
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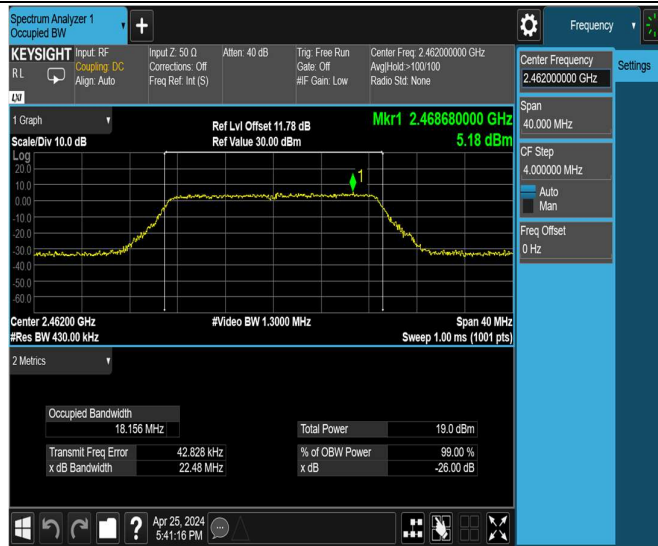
11N20SISO_Ant1_2412



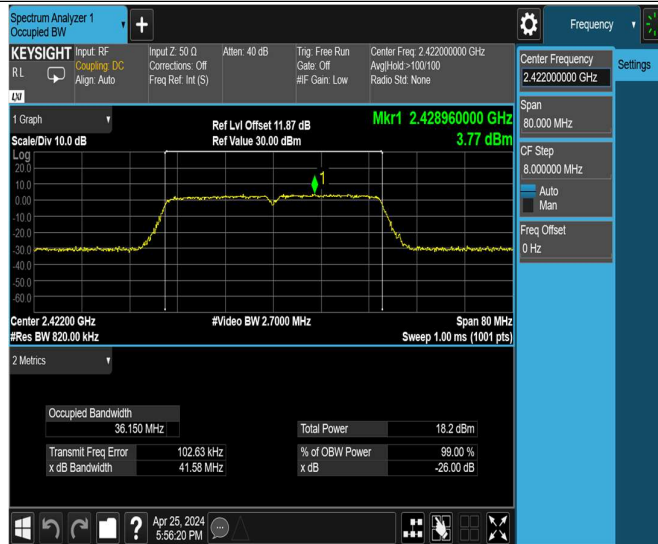
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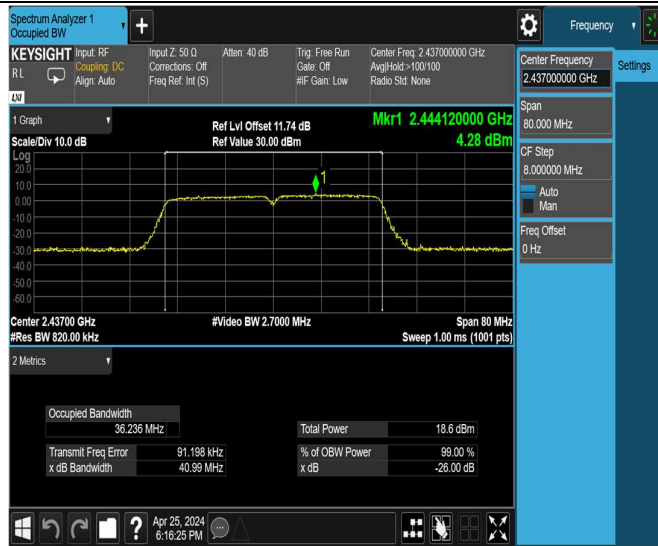
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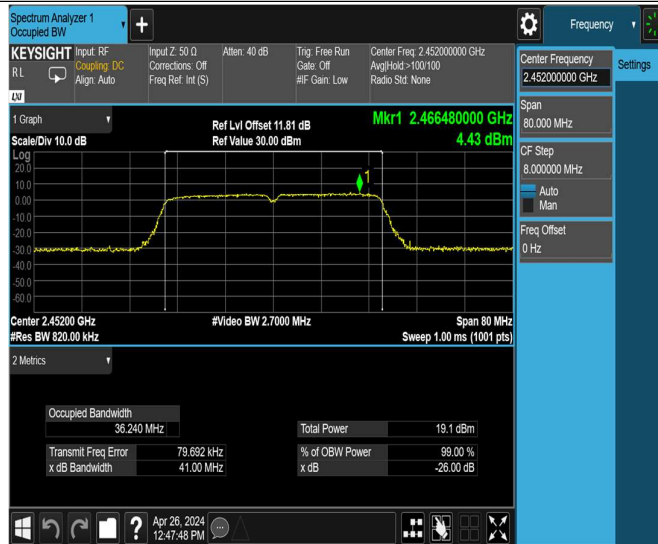
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C: Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequency [MHz]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	99.38	0.03	10.25	≤30.00	PASS
		2437	98.84	0.05	8.99	≤30.00	PASS
		2462	99.30	0.03	11.67	≤30.00	PASS
11G	Ant1	2412	34.53	4.62	8.97	≤30.00	PASS
		2437	21.12	6.75	12.57	≤30.00	PASS
		2462	32.17	4.93	11.27	≤30.00	PASS
11N20SI SO	Ant1	2412	19.66	7.06	10.32	≤30.00	PASS
		2437	19.80	7.03	11.58	≤30.00	PASS
		2462	19.50	7.10	12.20	≤30.00	PASS
11N40SI SO	Ant1	2422	9.66	10.15	12.51	≤30.00	PASS
		2437	30.03	5.22	7.42	≤30.00	PASS
		2452	9.68	10.14	12.67	≤30.00	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-20.95	≤8.00	PASS
		2437	-21.10	≤8.00	PASS
		2462	-19.96	≤8.00	PASS
11G	Ant1	2412	-19.69	≤8.00	PASS
		2437	-16.32	≤8.00	PASS
		2462	-18.32	≤8.00	PASS
11N20SISO	Ant1	2412	-15.99	≤8.00	PASS
		2437	-16.29	≤8.00	PASS
		2462	-17.33	≤8.00	PASS
11N40SISO	Ant1	2422	-16.42	≤8.00	PASS
		2437	-25.42	≤8.00	PASS
		2452	-17.98	≤8.00	PASS

Test Graphs

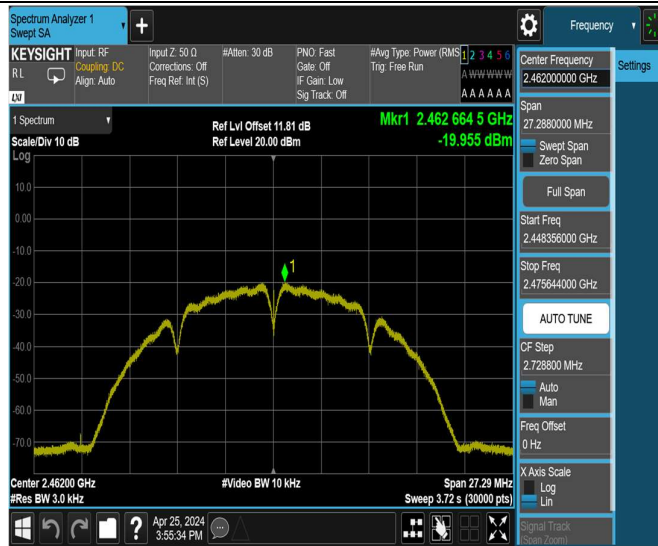
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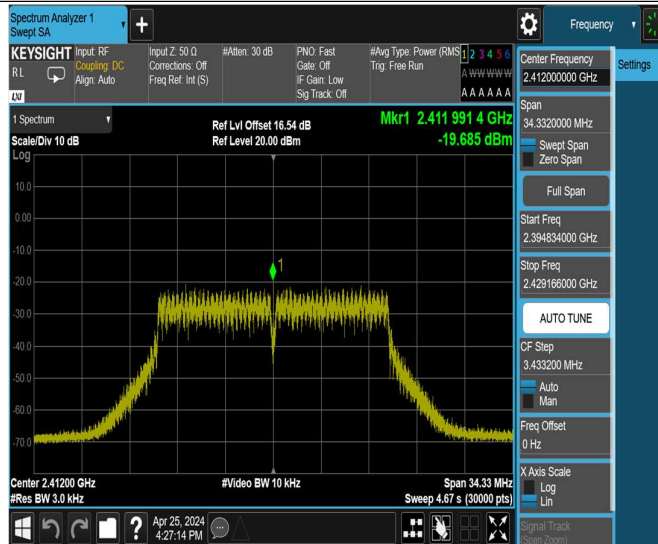
11B_Ant1_2437



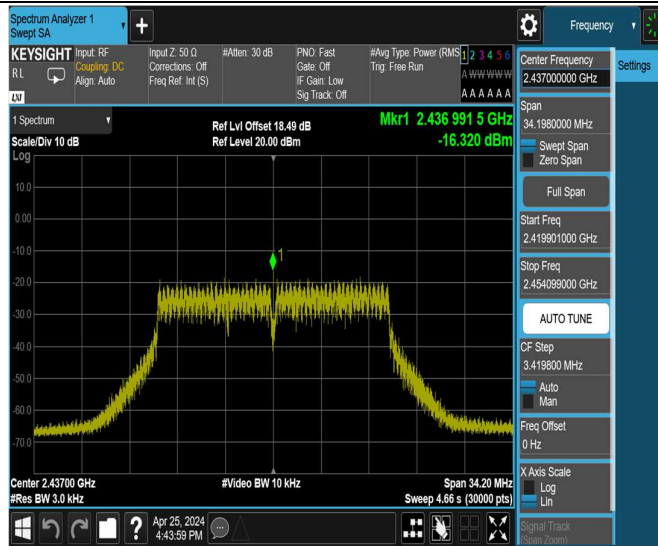
11B_Ant1_2462



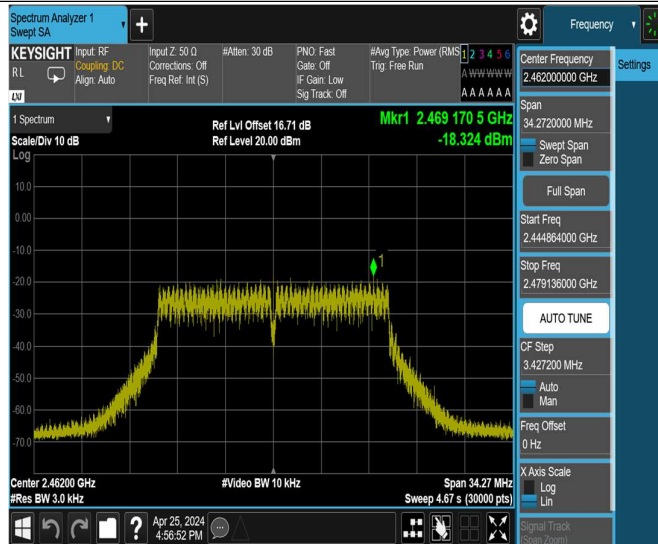
11G_Ant1_2412



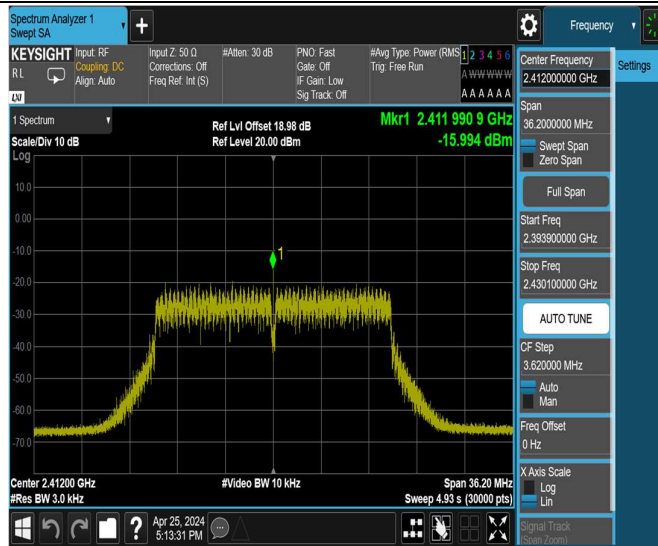
11G_Ant1_2437



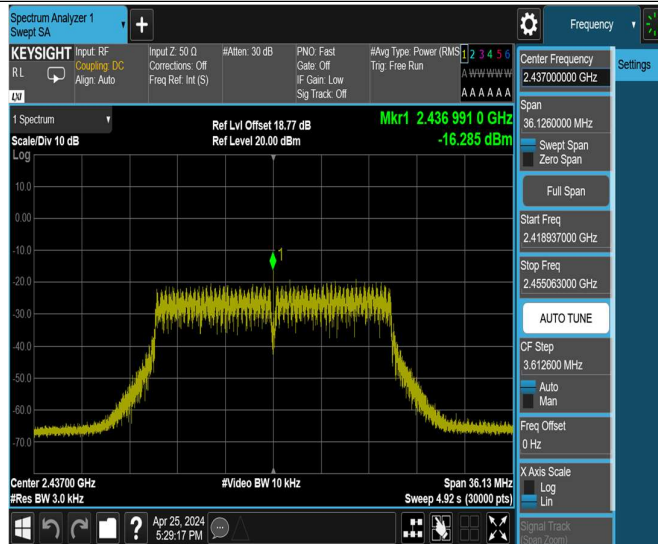
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462