

Appendix A: Test Results of 2.4GHz Wi-Fi

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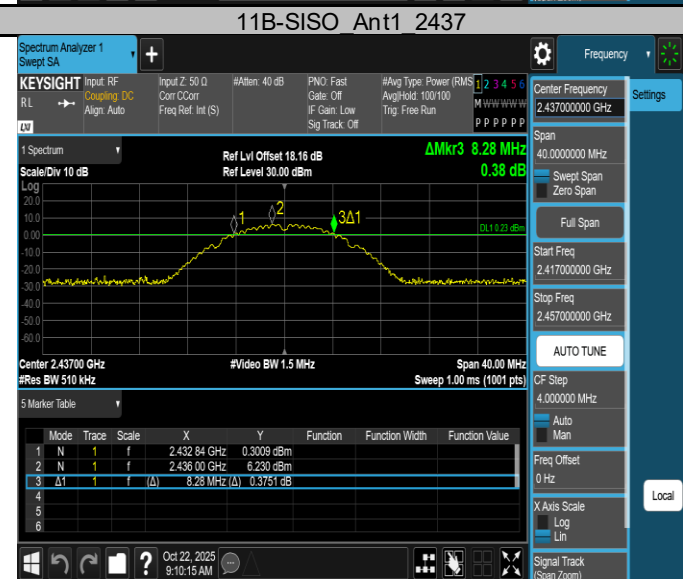
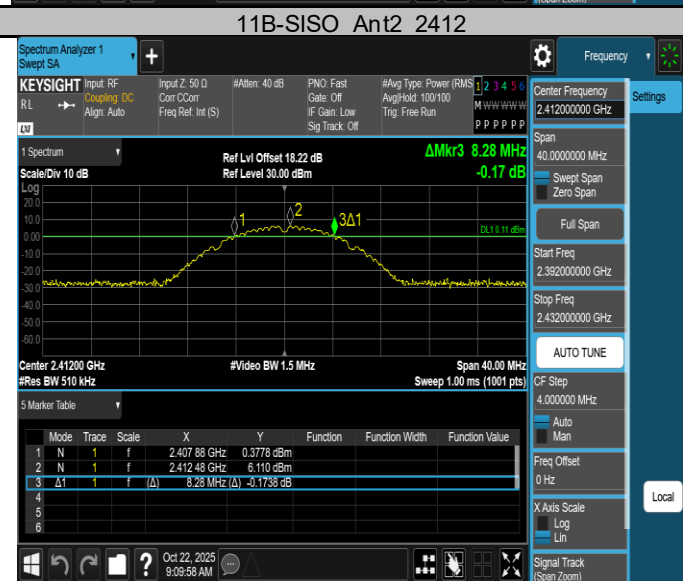
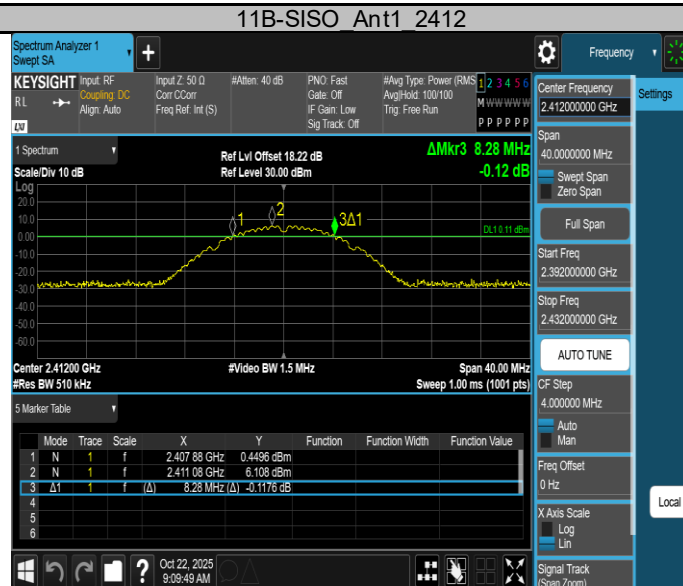
Appendix A.1: Test Results of 6dB Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-SISO	Ant1	2412	8.280	2407.880	2416.160	0.5	PASS
	Ant2	2412	8.280	2407.880	2416.160	0.5	PASS
	Ant1	2437	8.280	2432.840	2441.120	0.5	PASS
	Ant2	2437	8.240	2432.880	2441.120	0.5	PASS
	Ant1	2462	8.240	2457.880	2466.120	0.5	PASS
	Ant2	2462	8.240	2457.880	2466.120	0.5	PASS
11G-SISO	Ant1	2412	15.960	2403.880	2419.840	0.5	PASS
	Ant2	2412	16.000	2404.080	2420.080	0.5	PASS
	Ant1	2437	16.240	2428.880	2445.120	0.5	PASS
	Ant2	2437	16.280	2428.760	2445.040	0.5	PASS
	Ant1	2462	16.160	2453.920	2470.080	0.5	PASS
	Ant2	2462	16.240	2453.880	2470.120	0.5	PASS
11N20MIMO	Ant1	2412	17.000	2403.480	2420.480	0.5	PASS
	Ant2	2412	16.600	2403.640	2420.240	0.5	PASS
	Ant1	2437	17.440	2428.200	2445.640	0.5	PASS
	Ant2	2437	17.200	2428.320	2445.520	0.5	PASS
	Ant1	2462	17.120	2453.480	2470.600	0.5	PASS
	Ant2	2462	17.320	2453.360	2470.680	0.5	PASS
11N40MIMO	Ant1	2422	35.920	2404.080	2440.000	0.5	PASS
	Ant2	2422	35.920	2404.160	2440.080	0.5	PASS
	Ant1	2437	35.200	2419.320	2454.520	0.5	PASS
	Ant2	2437	35.440	2419.160	2454.600	0.5	PASS
	Ant1	2452	34.800	2434.880	2469.680	0.5	PASS
	Ant2	2452	35.680	2434.240	2469.920	0.5	PASS

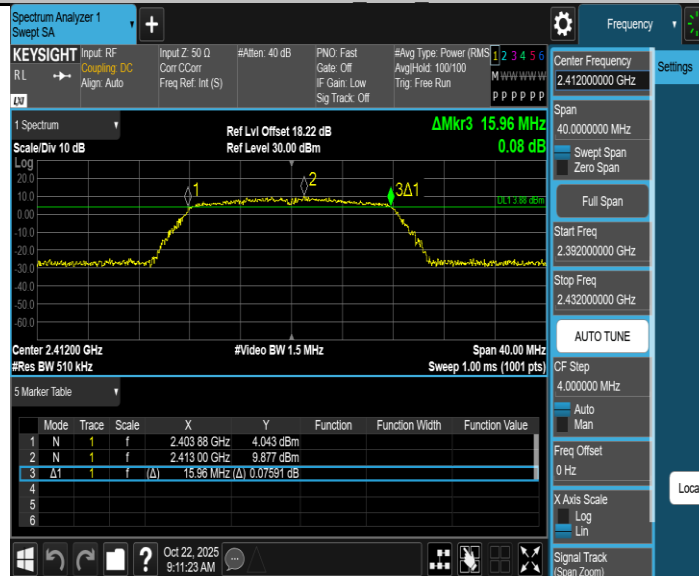
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11AX20MIMO	Ant1	2412	18.360	2402.800	2421.160	0.5	PASS
	Ant2	2412	18.360	2402.720	2421.080	0.5	PASS
	Ant1	2437	18.680	2427.720	2446.400	0.5	PASS
	Ant2	2437	18.840	2427.560	2446.400	0.5	PASS
	Ant1	2462	18.320	2452.640	2470.960	0.5	PASS
	Ant2	2462	18.760	2452.760	2471.520	0.5	PASS
11AX40MIMO	Ant1	2422	37.360	2403.360	2440.720	0.5	PASS
	Ant2	2422	36.320	2404.560	2440.880	0.5	PASS
	Ant1	2437	36.640	2418.440	2455.080	0.5	PASS
	Ant2	2437	37.920	2418.040	2455.960	0.5	PASS
	Ant1	2452	36.960	2433.760	2470.720	0.5	PASS
	Ant2	2452	37.360	2433.440	2470.800	0.5	PASS

Test Graphs





11G-SISO Ant1 2412



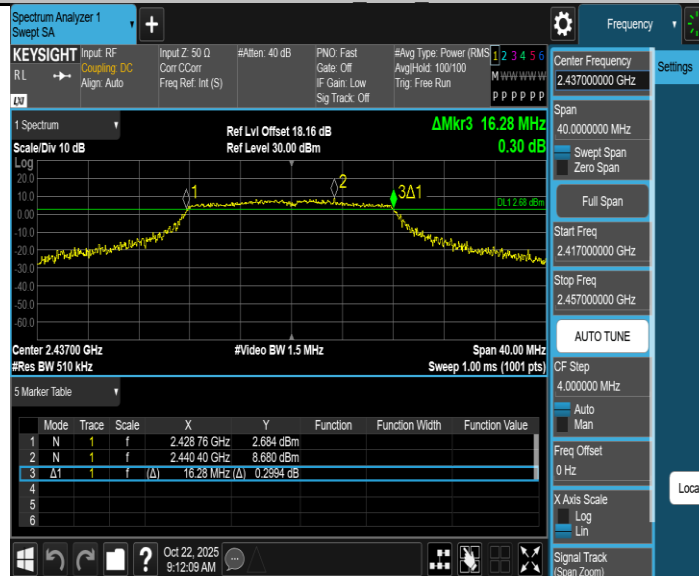
11G-SISO Ant2 2412



11G-SISO Ant1 2437



11G-SISO Ant2 2437



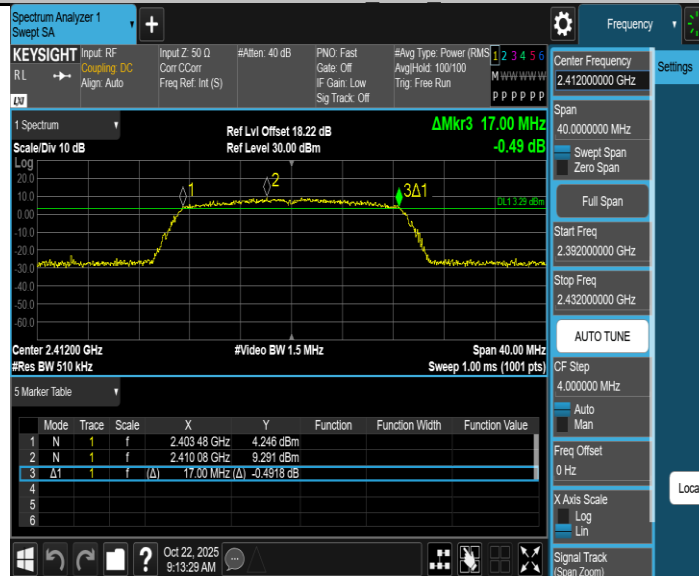
11G-SISO Ant1 2462



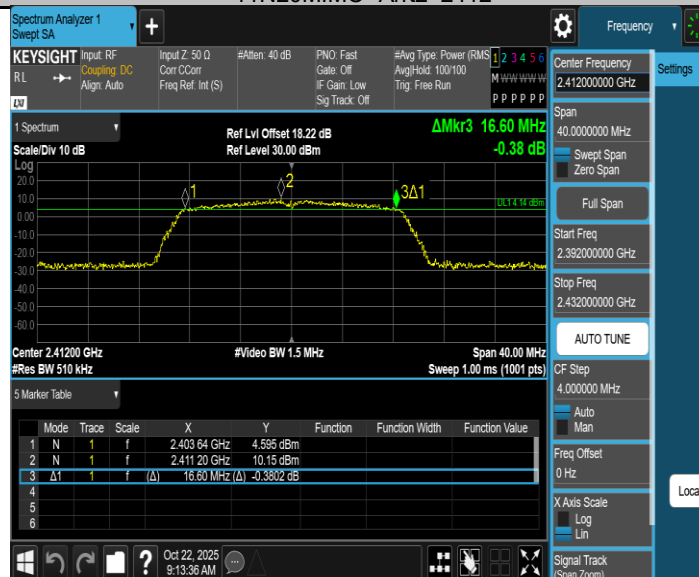
11G-SISO Ant2 2462



11N20MIMO Ant1 2412



11N20MIMO Ant2 2412



11N20MIMO Ant1 2437

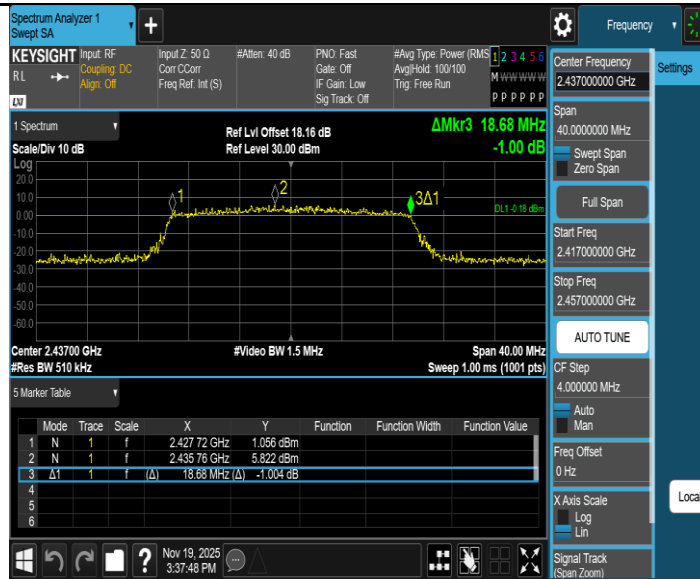












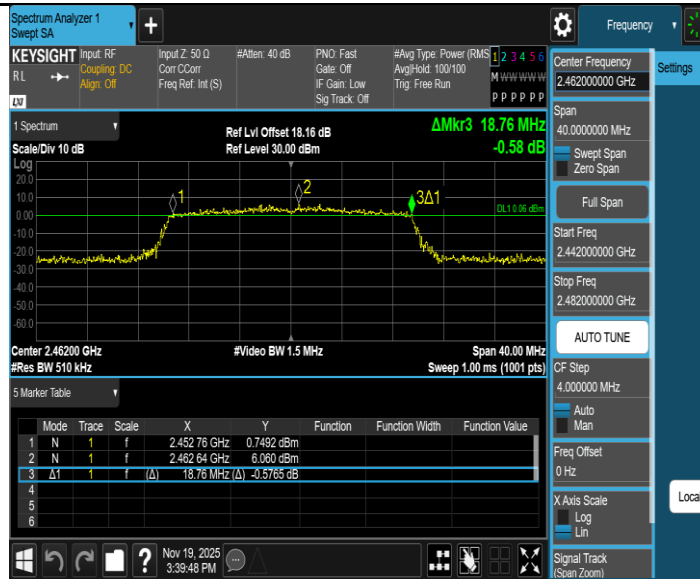
11AX20MIMO Ant2 2437



11AX20MIMO Ant1 2462



11AX20MIMO Ant2 2462



11AX40MIMO Ant1 2422



11AX40MIMO Ant2 2422



11AX40MIMO Ant1 2437



11AX40MIMO Ant2 2437



11AX40MIMO Ant1 2452



11AX40MIMO Ant2 2452



Appendix A.2: Test Results of 99% Bandwidth

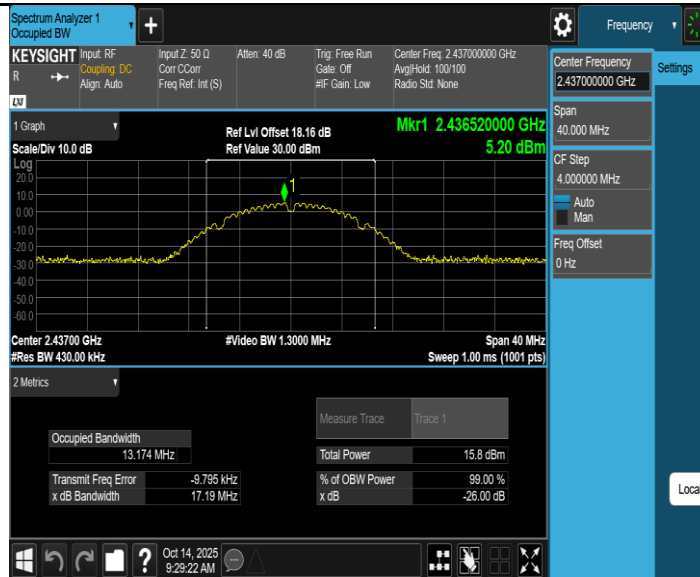
Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-SISO	Ant1	2412	13.221	2405.4028	2418.6238	---	PASS
	Ant2	2412	13.122	2405.4430	2418.5650	---	PASS
	Ant1	2437	13.174	2430.4032	2443.5772	---	PASS
	Ant2	2437	13.121	2430.3934	2443.5144	---	PASS
	Ant1	2462	13.225	2455.3787	2468.6037	---	PASS
	Ant2	2462	13.142	2455.4716	2468.6136	---	PASS
11G-SISO	Ant1	2412	16.794	2403.6304	2420.4244	---	PASS
	Ant2	2412	16.564	2403.7353	2420.2993	---	PASS
	Ant1	2437	17.592	2428.1625	2445.7545	---	PASS
	Ant2	2437	17.342	2428.2486	2445.5906	---	PASS
	Ant1	2462	17.591	2453.1807	2470.7717	---	PASS
	Ant2	2462	17.289	2453.4498	2470.7388	---	PASS
11N20MIMO	Ant1	2412	17.780	2403.1190	2420.8990	---	PASS
	Ant2	2412	17.703	2403.1593	2420.8623	---	PASS
	Ant1	2437	18.679	2427.6192	2446.2982	---	PASS
	Ant2	2437	18.318	2427.7621	2446.0801	---	PASS
	Ant1	2462	18.675	2452.6150	2471.2900	---	PASS
	Ant2	2462	18.283	2452.9370	2471.2200	---	PASS
11N40MIMO	Ant1	2422	36.230	2403.8617	2440.0917	---	PASS
	Ant2	2422	36.047	2403.9124	2439.9594	---	PASS
	Ant1	2437	36.392	2418.7938	2455.1858	---	PASS
	Ant2	2437	36.312	2418.7238	2455.0358	---	PASS
	Ant1	2452	36.220	2433.8847	2470.1047	---	PASS
	Ant2	2452	36.310	2433.9034	2470.2134	---	PASS

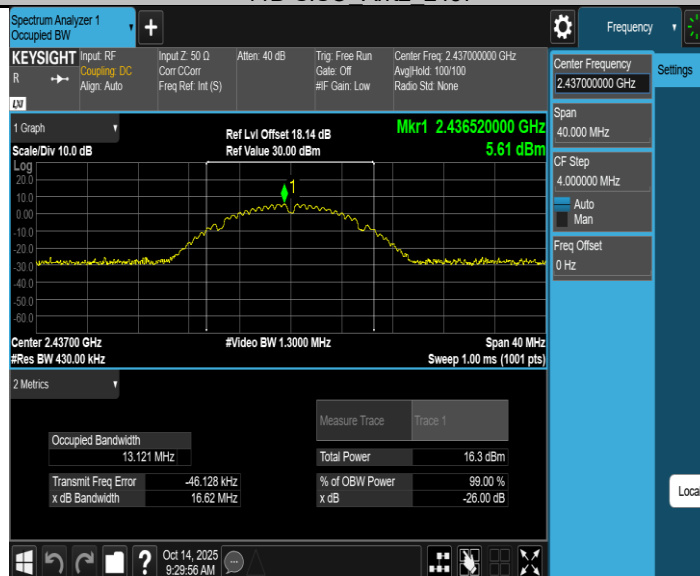
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11AX20MIMO	Ant1	2412	18.901	2402.5623	2421.4633	---	PASS
	Ant2	2412	18.865	2402.5325	2421.3975	---	PASS
	Ant1	2437	19.113	2427.4540	2446.5670	---	PASS
	Ant2	2437	19.155	2427.4179	2446.5729	---	PASS
	Ant1	2462	19.211	2452.3737	2471.5847	---	PASS
	Ant2	2462	19.099	2452.5013	2471.6003	---	PASS
11AX40MIMO	Ant1	2422	37.981	2402.9952	2440.9762	---	PASS
	Ant2	2422	37.937	2402.9995	2440.9365	---	PASS
	Ant1	2437	38.087	2417.9687	2456.0557	---	PASS
	Ant2	2437	38.045	2417.9865	2456.0315	---	PASS
	Ant1	2452	38.023	2433.0117	2471.0347	---	PASS
	Ant2	2452	37.993	2433.0557	2471.0487	---	PASS

Test Graphs

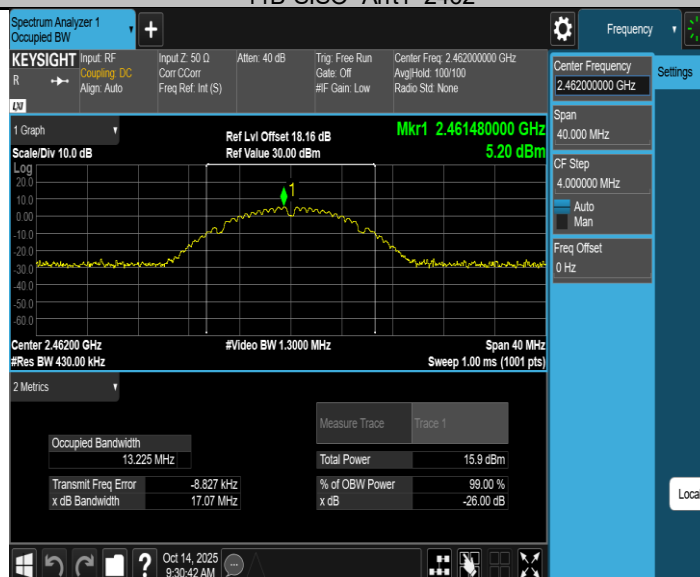




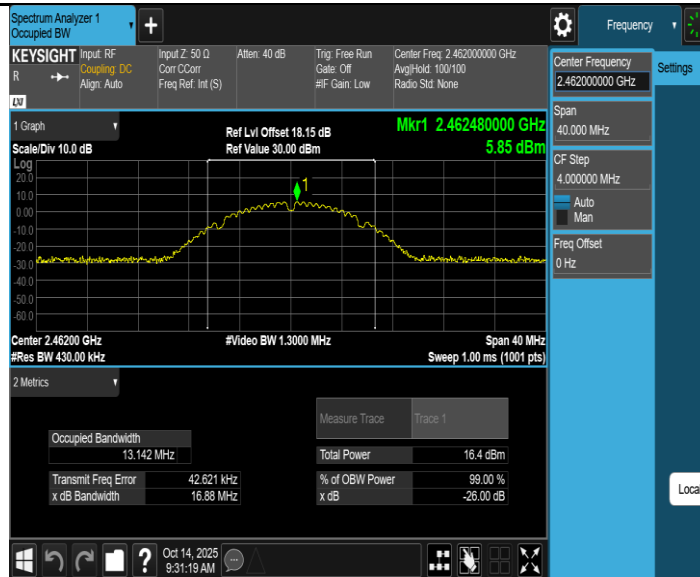
11B-SISO Ant2 2437



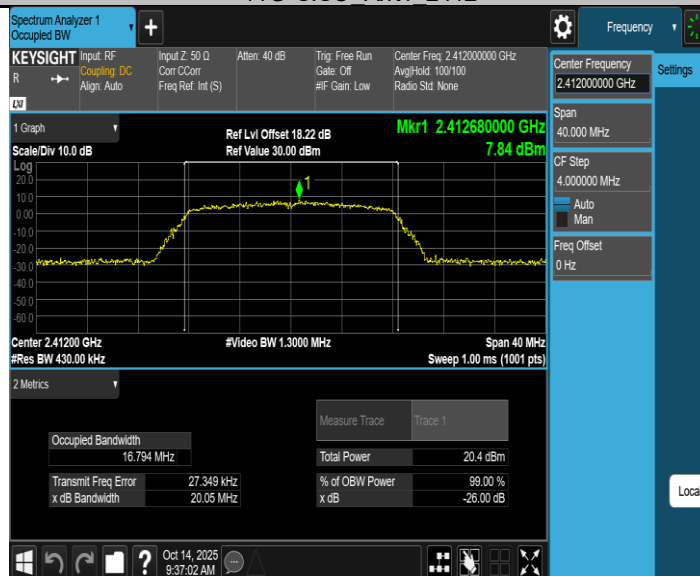
11B-SISO Ant1 2462



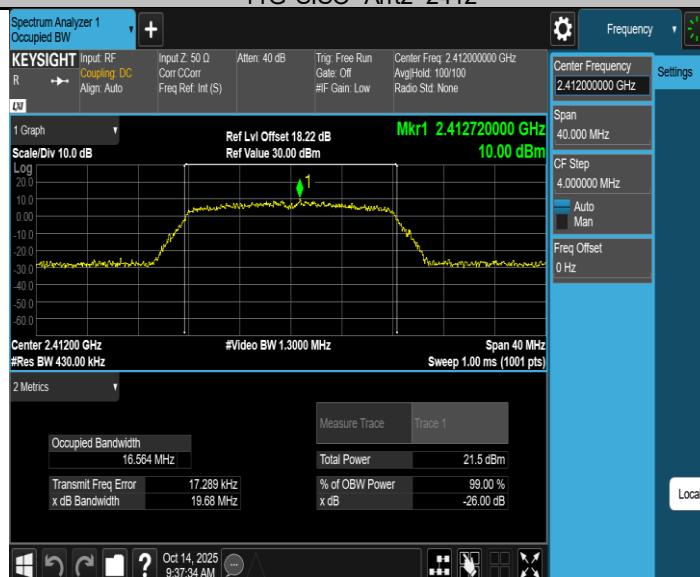
11B-SISO Ant2 2462



11G-SISO Ant1 2412



11G-SISO Ant2 2412



11G-SISO Ant1 2437

