AppendixA: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	1Mbps	10.040	2406.960	2417.000	0.5	PASS
11B	Ant2	2412	1Mbps	10.040	2406.960	2417.000	0.5	PASS
11B	Ant1	2437	1Mbps	10.080	2431.960	2442.040	0.5	PASS
11B	Ant2	2437	1Mbps	10.120	2431.920	2442.040	0.5	PASS
11B	Ant1	2462	1Mbps	10.040	2456.960	2467.000	0.5	PASS
11B	Ant2	2462	1Mbps	10.040	2456.960	2467.000	0.5	PASS
11G	Ant1	2412	6Mbps	16.320	2403.840	2420.160	0.5	PASS
11G	Ant2	2412	6Mbps	15.800	2404.080	2419.880	0.5	PASS
11G	Ant1	2437	6Mbps	16.280	2428.840	2445.120	0.5	PASS
11G	Ant2	2437	6Mbps	16.000	2428.880	2444.880	0.5	PASS
11G	Ant1	2462	6Mbps	15.680	2453.840	2469.520	0.5	PASS
11G	Ant2	2462	6Mbps	16.040	2453.840	2469.880	0.5	PASS
11N20SISO	Ant1	2412	MCS0	17.280	2403.240	2420.520	0.5	PASS
11N20SISO	Ant2	2412	MCS0	17.560	2403.200	2420.760	0.5	PASS
11N20SISO	Ant1	2437	MCS0	14.720	2429.440	2444.160	0.5	PASS
11N20SISO	Ant2	2437	MCS0	15.240	2428.640	2443.880	0.5	PASS
11N20SISO	Ant1	2462	MCS0	16.120	2453.640	2469.760	0.5	PASS
11N20SISO	Ant2	2462	MCS0	15.000	2454.240	2469.240	0.5	PASS
11N40SISO	Ant1	2422	MCS0	34.400	2405.120	2439.520	0.5	PASS
11N40SISO	Ant2	2422	MCS0	33.440	2405.680	2439.120	0.5	PASS
11N40SISO	Ant1	2437	MCS0	33.840	2420.680	2454.520	0.5	PASS
11N40SISO	Ant2	2437	MCS0	32.640	2420.680	2453.320	0.5	PASS
11N40SISO	Ant1	2452	MCS0	35.040	2434.480	2469.520	0.5	PASS
11N40SISO	Ant2	2452	MCS0	34.400	2435.120	2469.520	0.5	PASS
11N20MIMO	Ant1	2412	MCS0	17.560	2403.200	2420.760	0.5	PASS
11N20MIMO	Ant2	2412	MCS0	17.120	2403.240	2420.360	0.5	PASS
11N20MIMO	Ant1	2437	MCS0	14.680	2429.200	2443.880	0.5	PASS
11N20MIMO	Ant2	2437	MCS0	17.560	2428.200	2445.760	0.5	PASS
11N20MIMO	Ant1	2462	MCS0	16.280	2453.840	2470.120	0.5	PASS
11N20MIMO	Ant2	2462	MCS0	16.280	2453.600	2469.880	0.5	PASS
11N40MIMO	Ant1	2422	MCS0	34.000	2405.520	2439.520	0.5	PASS
11N40MIMO	Ant2	2422	MCS0	35.120	2404.400	2439.520	0.5	PASS
11N40MIMO	Ant1	2437	MCS0	32.320	2420.680	2453.000	0.5	PASS
11N40MIMO	Ant2	2437	MCS0	35.440	2419.400	2454.840	0.5	PASS
11N40MIMO	Ant1	2452	MCS0	34.400	2435.120	2469.520	0.5	PASS
11N40MIMO	Ant2	2452	MCS0	31.520	2438.000	2469.520	0.5	PASS

Test Graphs

11B-Ant1-2412

11B-Ant2-2412

11B-Ant1-2437

11B-Ant2-2437

11B-Ant1-2462

11B-Ant2-2462

11G-Ant1-2412

11G-Ant2-2412

11G-Ant1-2437

11G-Ant2-2437

11G-Ant1-2462

11G-Ant2-2462

11N20SISO-Ant1-2412

11N20SISO-Ant2-2412

11N20SISO-Ant1-2437

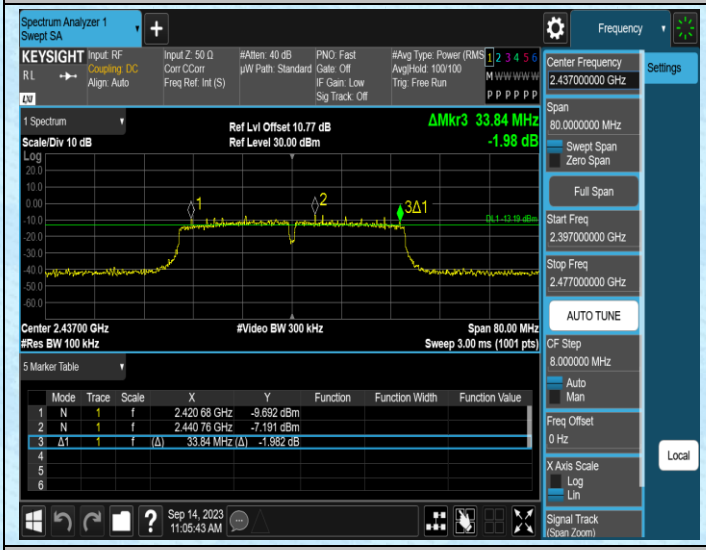
11N20SISO-Ant2-2437

11N20SISO-Ant1-2462

11N20SISO-Ant2-2462

11N40SISO-Ant1-2422

11N40SISO-Ant2-2422



11N40SISO-Ant1-2437

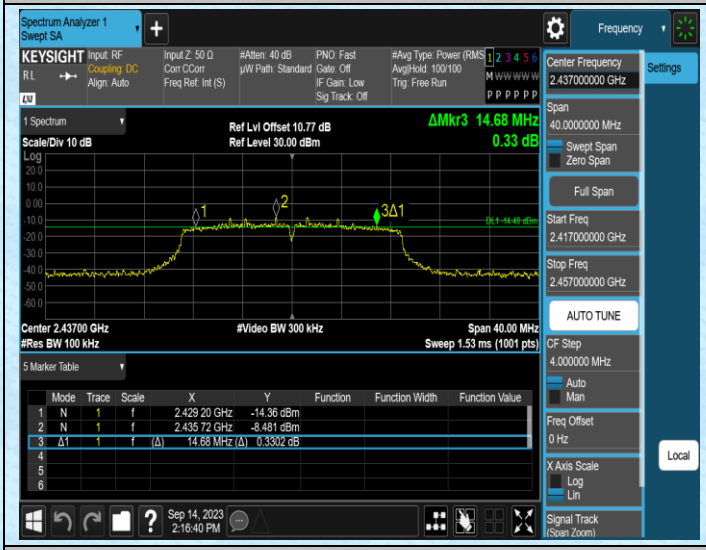
11N40SISO-Ant2-2437

11N40SISO-Ant1-2452

11N40SISO-Ant2-2452

11N20MIMO-Ant1-2412

11N20MIMO-Ant2-2412



11N20MIMO-Ant1-2437

11N20MIMO-Ant2-2437

11N20MIMO-Ant1-2462

11N20MIMO-Ant2-2462

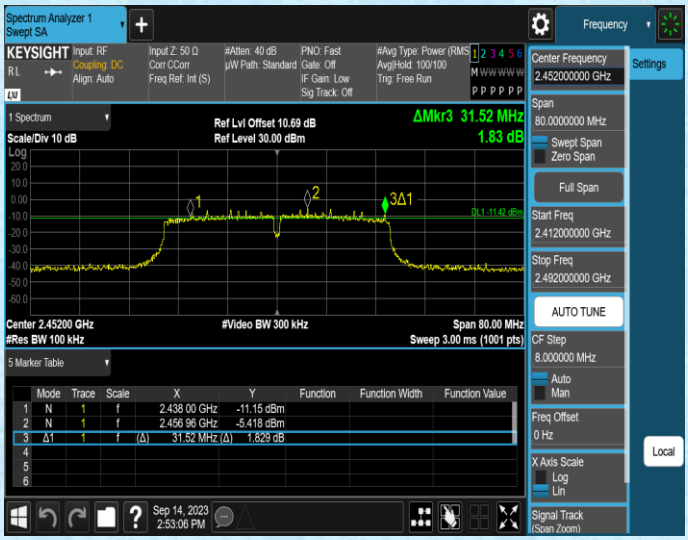
11N40MIMO-Ant1-2422

11N40MIMO-Ant2-2422

11N40MIMO-Ant1-2437

11N40MIMO-Ant2-2437

11N40MIMO-Ant1-2452



11N40MIMO-Ant2-2452

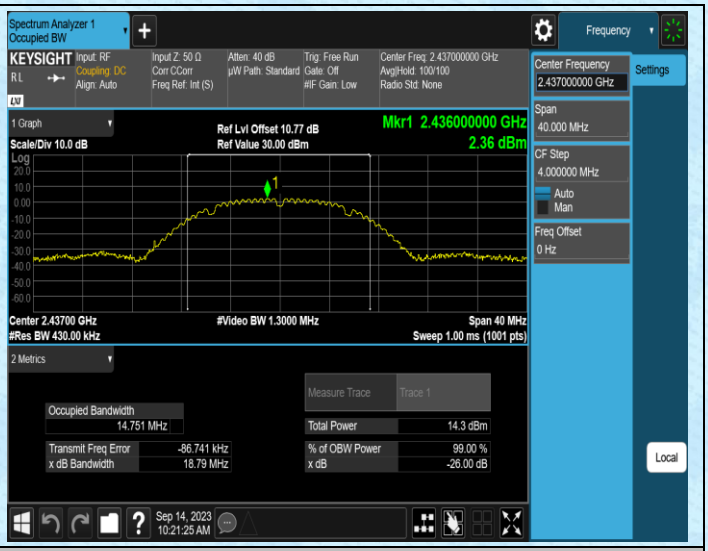
AppendixB: Occupied Channel Bandwidth

Test Result

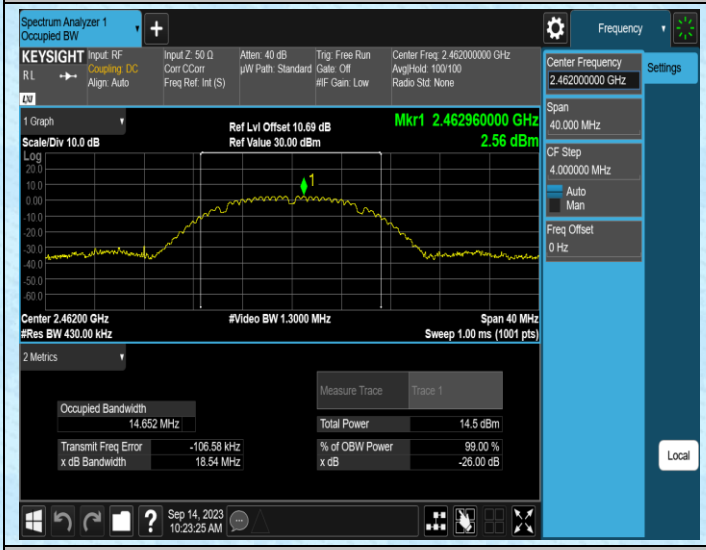
Test Mode	Antenna	Channel Frequency[MHz]	Rate	OCB [MHz]	FL[MHz]	FH[MHz]
11B	Ant1	2412	1Mbps	14.744	2404.5749	2419.3189
11B	Ant1	2437	1Mbps	14.751	2429.5378	2444.2888
11B	Ant1	2462	1Mbps	14.652	2454.5674	2469.2194
11B	Ant2	2412	1Mbps	14.720	2404.5792	2419.2992
11B	Ant2	2437	1Mbps	14.684	2429.6143	2444.2983
11B	Ant2	2462	1Mbps	14.658	2454.5992	2469.2572
11G	Ant1	2412	6Mbps	16.803	2403.5505	2420.3535
11G	Ant1	2437	6Mbps	16.781	2428.6044	2445.3854
11G	Ant1	2462	6Mbps	16.738	2453.6095	2470.3475
11G	Ant2	2412	6Mbps	16.767	2403.5816	2420.3486
11G	Ant2	2437	6Mbps	16.666	2428.6660	2445.3320
11G	Ant2	2462	6Mbps	16.751	2453.5439	2470.2949
11N20SISO	Ant1	2412	MCS0	18.044	2402.9340	2420.9780
11N20SISO	Ant1	2437	MCS0	17.912	2427.9663	2445.8783
11N20SISO	Ant1	2462	MCS0	17.810	2453.0516	2470.8616
11N20SISO	Ant2	2412	MCS0	17.902	2403.0075	2420.9095
11N20SISO	Ant2	2437	MCS0	17.932	2428.0327	2445.9647
11N20SISO	Ant2	2462	MCS0	17.816	2453.0574	2470.8734
11N40SISO	Ant1	2422	MCS0	36.312	2403.7583	2440.0703
11N40SISO	Ant1	2437	MCS0	36.314	2418.8055	2455.1195
11N40SISO	Ant1	2452	MCS0	36.177	2433.8512	2470.0282
11N40SISO	Ant2	2422	MCS0	36.275	2403.8179	2440.0929
11N40SISO	Ant2	2437	MCS0	36.296	2418.8434	2455.1394
11N40SISO	Ant2	2452	MCS0	36.281	2433.8215	2470.1025
11N20MIMO	Ant1	2412	MCS0	18.035	2402.9365	2420.9715
11N20MIMO	Ant2	2412	MCS0	17.829	2403.0526	2420.8816
11N20MIMO	Ant1	2437	MCS0	17.926	2428.0180	2445.9440
11N20MIMO	Ant2	2437	MCS0	17.885	2428.0137	2445.8987
11N20MIMO	Ant1	2462	MCS0	17.942	2453.0129	2470.9549
11N20MIMO	Ant2	2462	MCS0	17.962	2453.0056	2470.9676
11N40MIMO	Ant1	2422	MCS0	36.383	2403.7334	2440.1164
11N40MIMO	Ant2	2422	MCS0	36.382	2403.7156	2440.0976
11N40MIMO	Ant1	2437	MCS0	36.321	2418.9168	2455.2378
11N40MIMO	Ant2	2437	MCS0	36.321	2418.8942	2455.2152
11N40MIMO	Ant1	2452	MCS0	36.191	2433.8495	2470.0405
11N40MIMO	Ant2	2452	MCS0	36.250	2433.8394	2470.0894

Test Graphs

11B-Ant1-2412

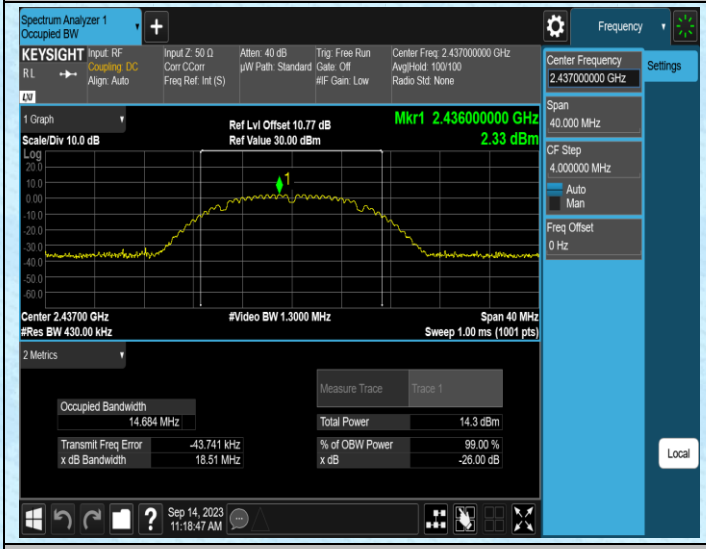


11B-Ant1-2437

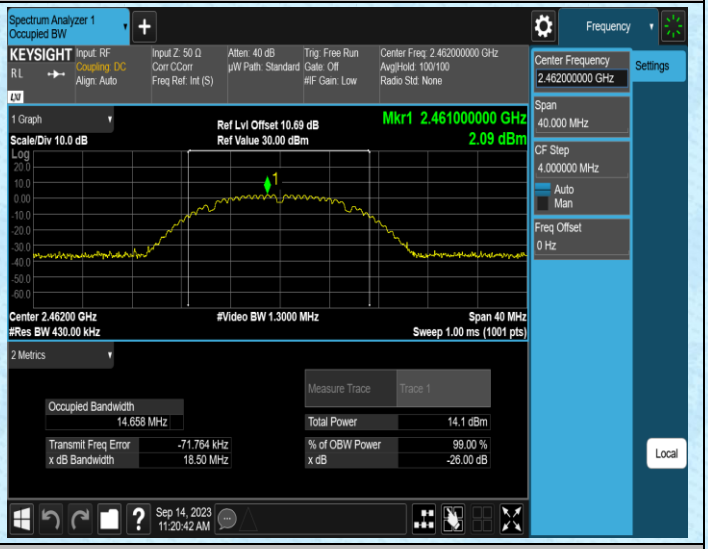


11B-Ant1-2462

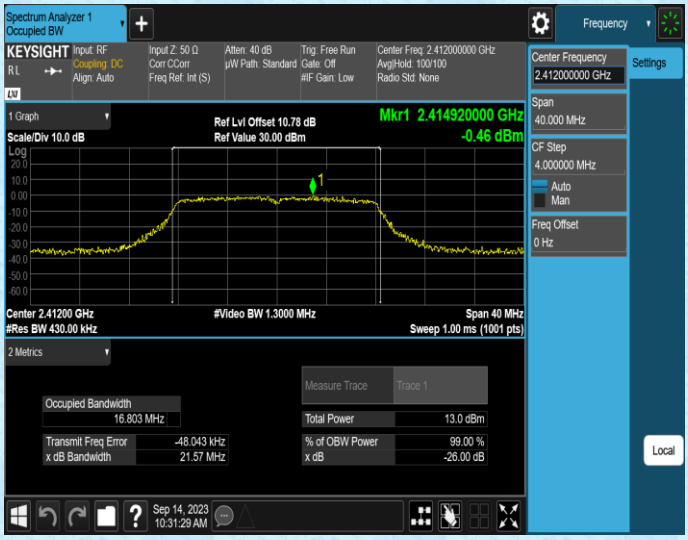
11B-Ant2-2412



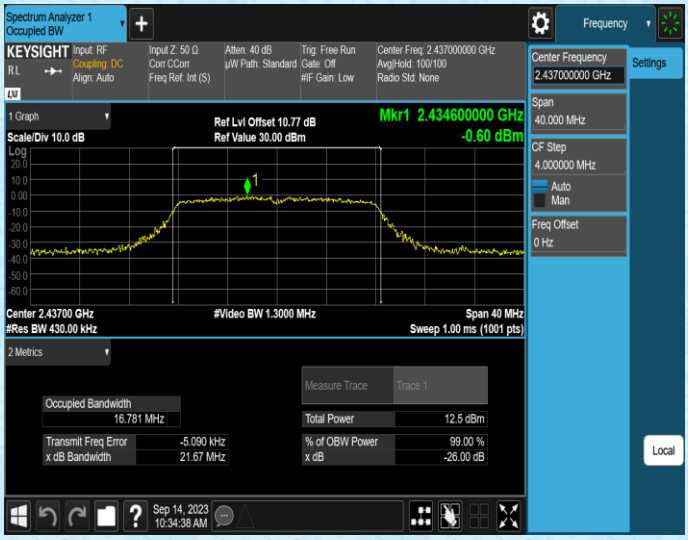
11B-Ant2-2437



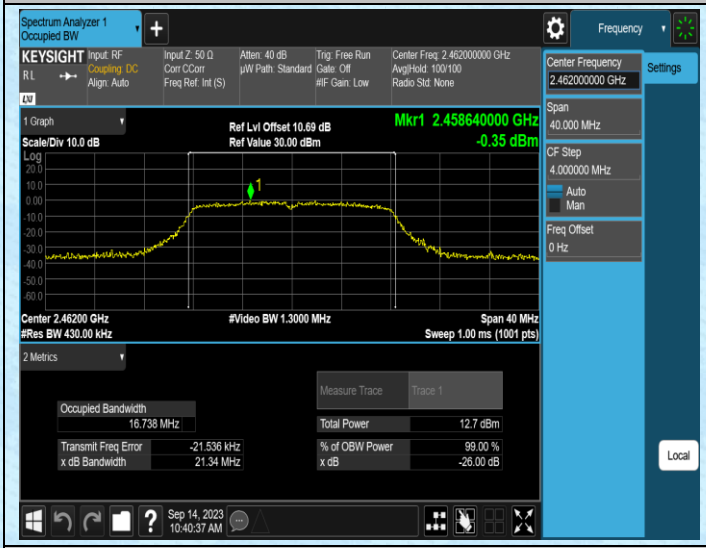
11B-Ant2-2462



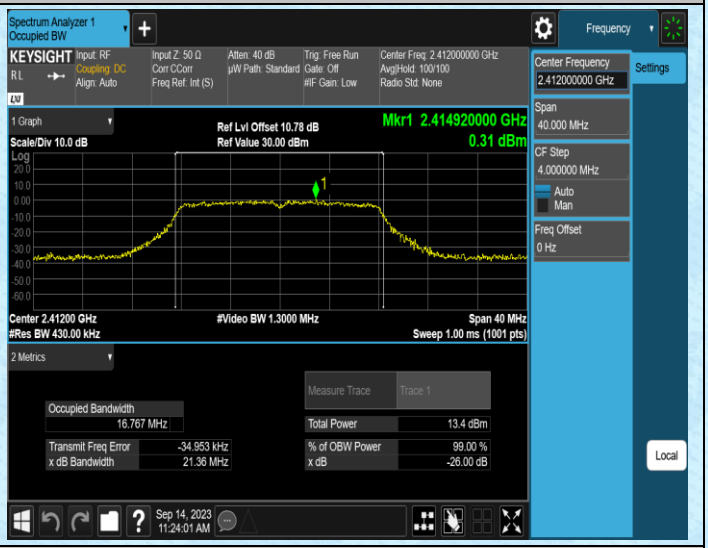
11G-Ant1-2412



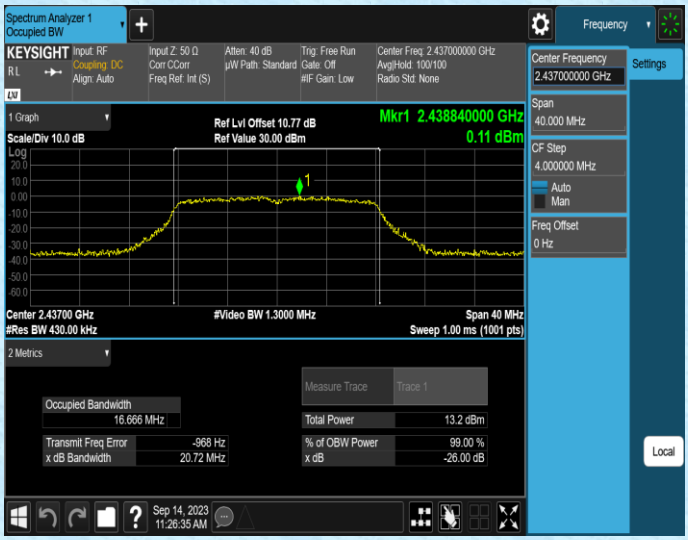
11G-Ant1-2437



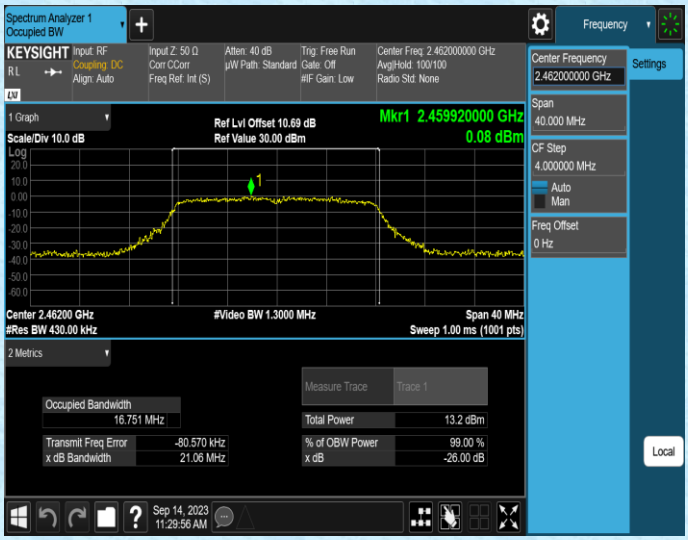
11G-Ant1-2462



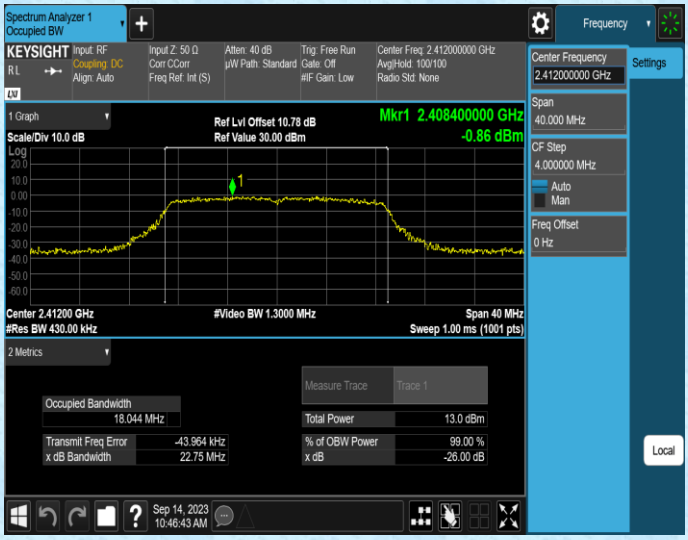
11G-Ant2-2412



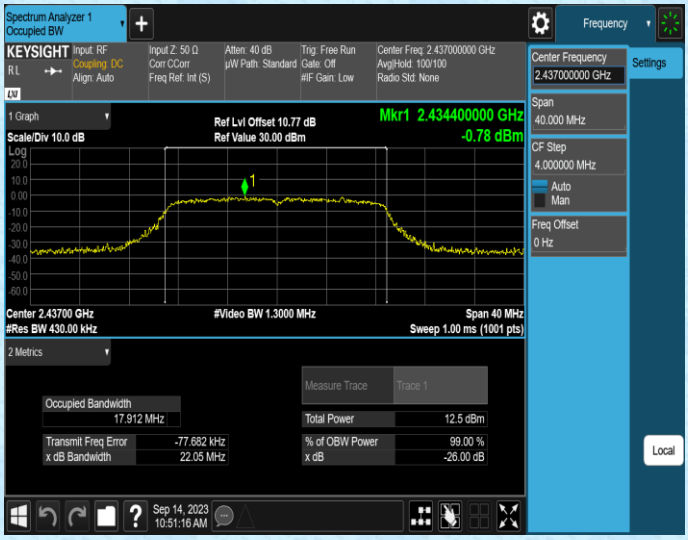
11G-Ant2-2437



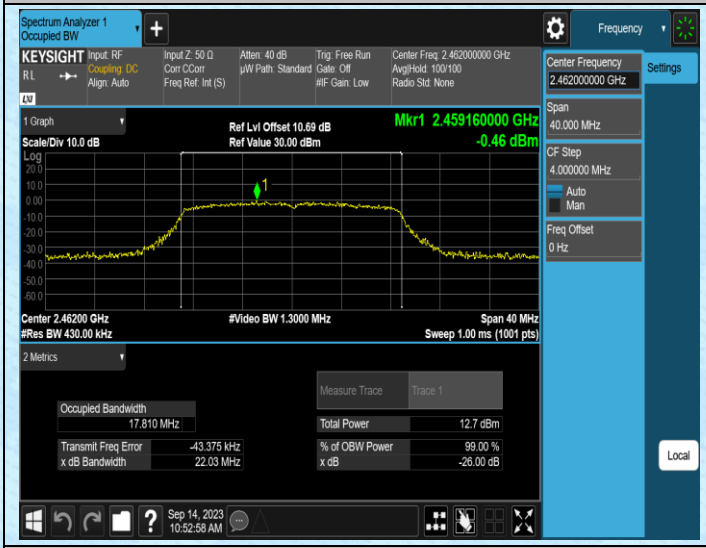
11G-Ant2-2462



11N20SISO-Ant1-2412



11N20SISO-Ant1-2437



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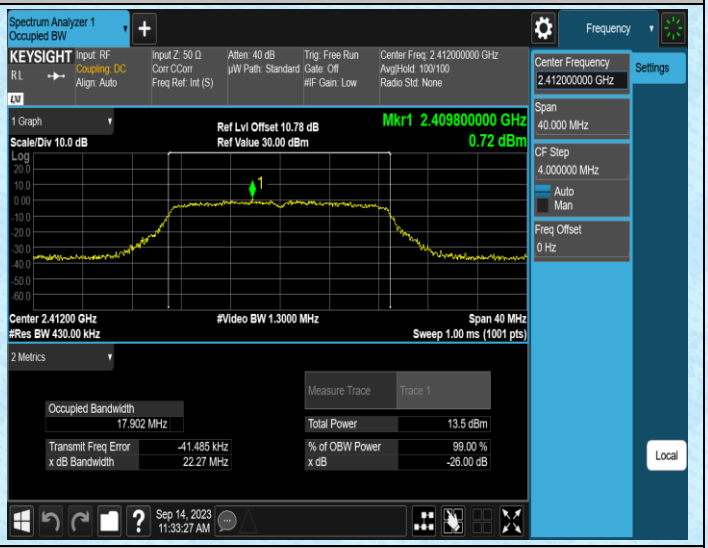
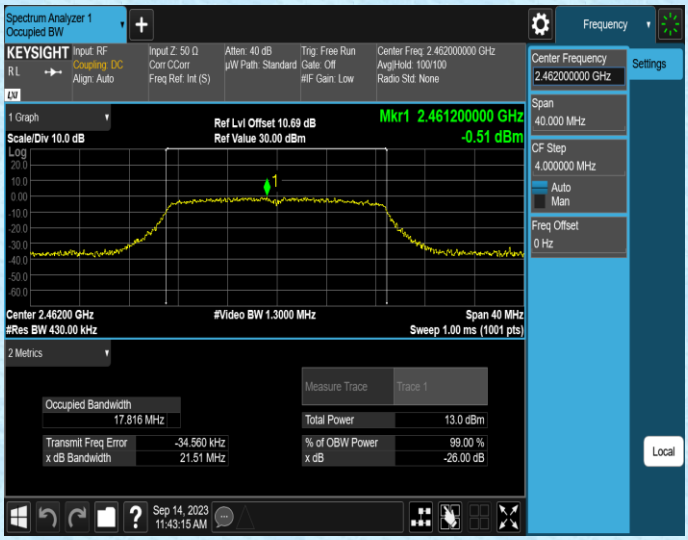


11N20SISO-Ant2-2412

11N20SISO-Ant2-2437



11N20SISO-Ant2-2462