

Appendix for WIFI 2.4G

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1.DTS Bandwidth

Test Result

TestMode	Antenna	Fre.[MHz]	Rate	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2437	1Mbps	10.120	2431.920	2442.040	0.5	PASS
11B	Ant1	2462	1Mbps	10.120	2456.920	2467.040	0.5	PASS
11B	Ant1	2412	1Mbps	8.560	2407.480	2412.000	0.5	PASS
11G	Ant1	2412	6Mbps	16.240	2403.920	2420.160	0.5	PASS
11G	Ant1	2437	6Mbps	15.720	2428.840	2444.560	0.5	PASS
11G	Ant1	2462	6Mbps	15.320	2454.160	2469.480	0.5	PASS
11N20SISO	Ant1	2412	MCS0	17.560	2403.200	2420.760	0.5	PASS
11N20SISO	Ant1	2437	MCS0	16.680	2428.840	2445.520	0.5	PASS
11N20SISO	Ant1	2462	MCS0	15.920	2453.840	2469.760	0.5	PASS
11N40SISO	Ant1	2422	MCS0	33.920	2404.400	2438.320	0.5	PASS
11N40SISO	Ant1	2437	MCS0	34.160	2420.360	2454.520	0.5	PASS
11N40SISO	Ant1	2452	MCS0	33.840	2435.680	2469.520	0.5	PASS
11B	Ant2	2412	1Mbps	10.040	2406.960	2417.000	0.5	PASS
11B	Ant2	2437	1Mbps	9.520	2432.480	2442.000	0.5	PASS
11B	Ant2	2462	1Mbps	10.080	2456.960	2467.040	0.5	PASS
11G	Ant2	2412	6Mbps	16.360	2403.800	2420.160	0.5	PASS
11G	Ant2	2437	6Mbps	15.920	2428.840	2444.760	0.5	PASS
11G	Ant2	2462	6Mbps	16.360	2453.800	2470.160	0.5	PASS
11N20SISO	Ant2	2412	MCS0	15.600	2403.880	2419.480	0.5	PASS
11N20SISO	Ant2	2437	MCS0	17.560	2428.200	2445.760	0.5	PASS
11N20SISO	Ant2	2462	MCS0	17.560	2453.200	2470.760	0.5	PASS
11N40SISO	Ant2	2422	MCS0	35.120	2404.400	2439.520	0.5	PASS
11N40SISO	Ant2	2437	MCS0	33.920	2419.400	2453.320	0.5	PASS
11N40SISO	Ant2	2452	MCS0	35.040	2434.480	2469.520	0.5	PASS
11N20MIMO	Ant1	2412	MCS0	17.560	2403.200	2420.760	0.5	PASS
11N20MIMO	Ant2	2412	MCS0	15.680	2403.840	2419.520	0.5	PASS
11N20MIMO	Ant1	2437	MCS0	17.560	2428.200	2445.760	0.5	PASS
11N20MIMO	Ant2	2437	MCS0	17.600	2428.200	2445.800	0.5	PASS
11N20MIMO	Ant1	2462	MCS0	15.920	2453.840	2469.760	0.5	PASS
11N20MIMO	Ant2	2462	MCS0	15.920	2453.600	2469.520	0.5	PASS
11N40MIMO	Ant1	2422	MCS0	32.560	2404.480	2437.040	0.5	PASS
11N40MIMO	Ant2	2422	MCS0	34.400	2405.120	2439.520	0.5	PASS
11N40MIMO	Ant1	2437	MCS0	35.440	2419.080	2454.520	0.5	PASS
11N40MIMO	Ant2	2437	MCS0	35.040	2419.480	2454.520	0.5	PASS
11N40MIMO	Ant1	2452	MCS0	32.720	2434.560	2467.280	0.5	PASS
11N40MIMO	Ant2	2452	MCS0	33.840	2435.680	2469.520	0.5	PASS

Test Graphs

11B-Ant1-2437



11B-Ant1-2462



11B-Ant1-2412



11G-Ant1-2412



11G-Ant1-2437



11G-Ant1-2462



11N20SISO-Ant1-2412

11N20SISO-Ant1-2437



11N20SISO-Ant1-2462



11N40SISO-Ant1-2422



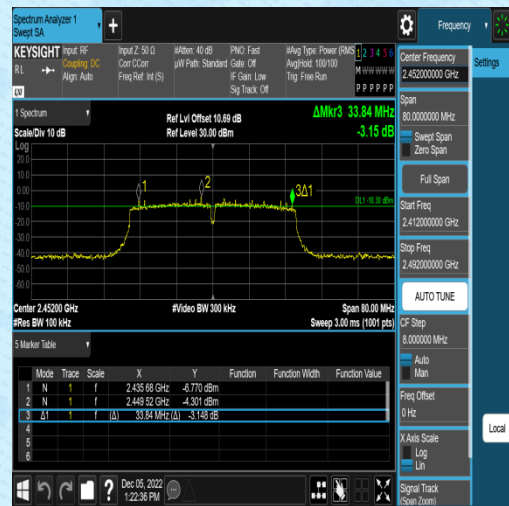
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11N40SISO-Ant1-2452



11B-Ant2-2412



11B-Ant2-2437



11B-Ant2-2462



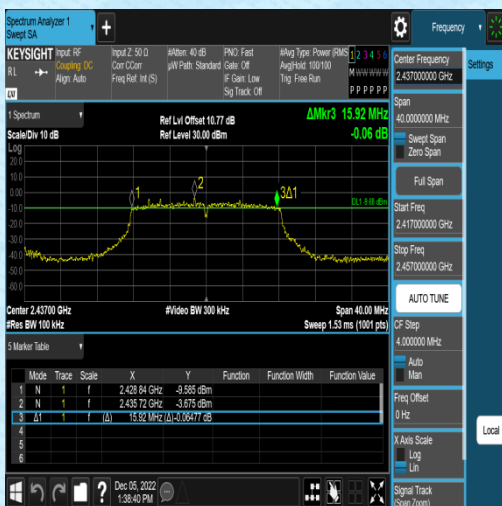
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11G-Ant2-2437



11G-Ant2-2462



11N20SISO-Ant2-2412



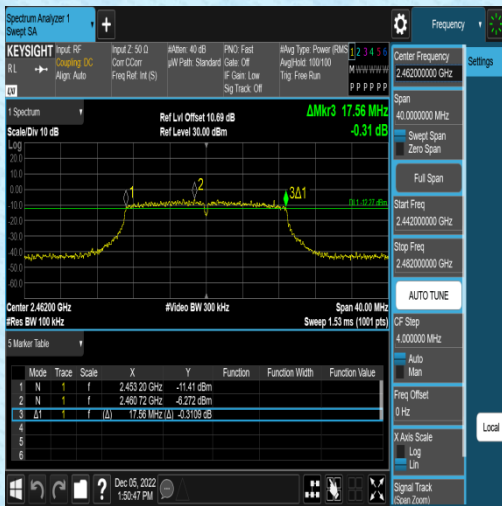
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11N20SISO-Ant2-2462



11N40SISO-Ant2-2422



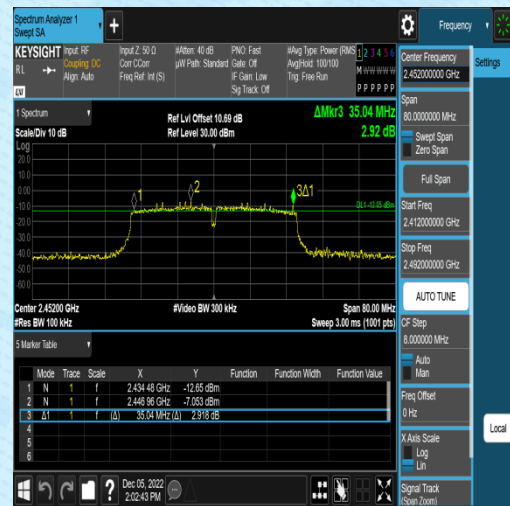
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11N40SISO-Ant2-2452



11N20MIMO-Ant1-2412



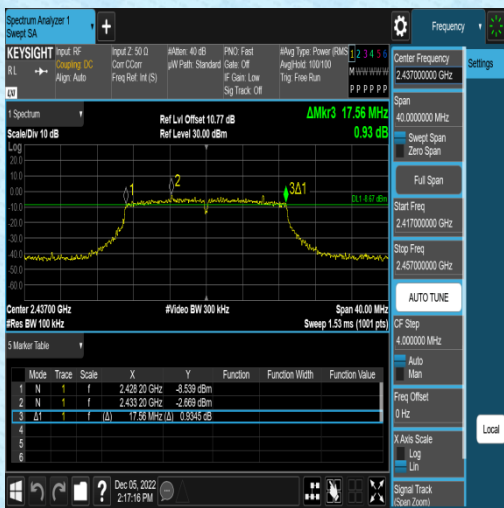
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11N20MIMO-Ant1-2437



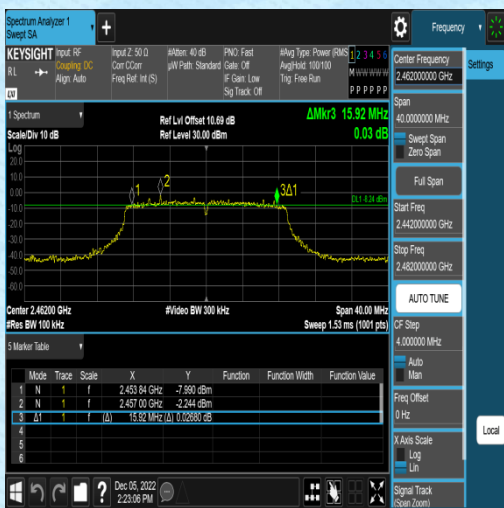
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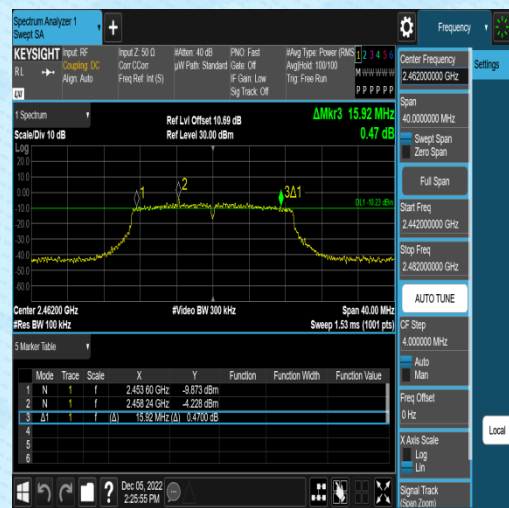
11N20MIMO-Ant1-2462



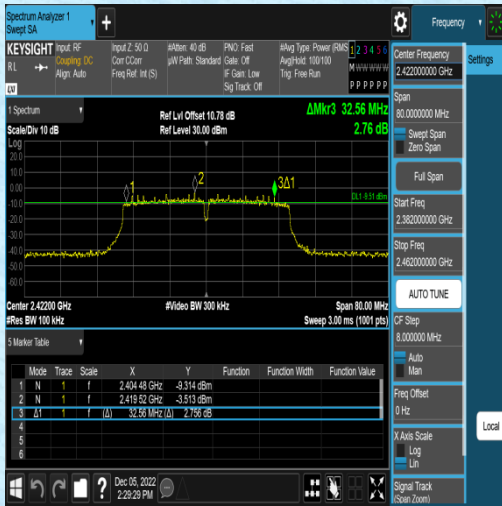
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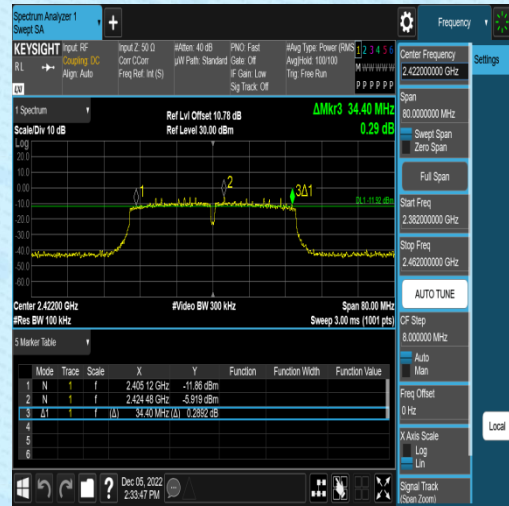
11N40MIMO-Ant1-2422



11N40MIMO-Ant2-2422



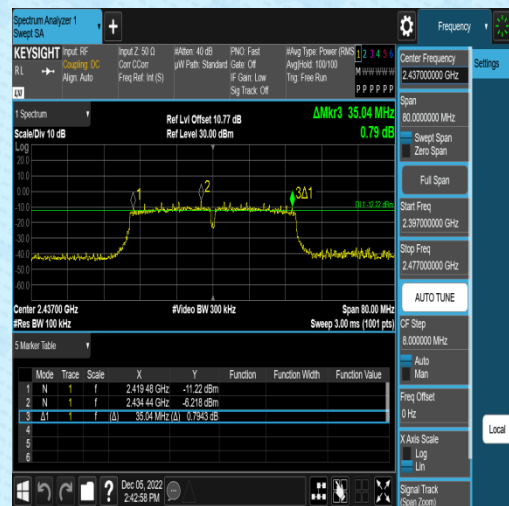
11N40MIMO-Ant1-2437



11N40MIMO-Ant2-2437



11N40MIMO-Ant1-2452



11N40MIMO-Ant2-2452



11N40MIMO-Ant1-2450



11N40MIMO-Ant2-2450

2.Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Fre.[MHz]	Rate	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	1Mbps	14.631	2404.6399	2419.2709	---	---
11B	Ant1	2437	1Mbps	14.660	2429.6416	2444.3016	---	---
11B	Ant1	2462	1Mbps	14.720	2454.5607	2469.2807	---	---
11G	Ant1	2412	6Mbps	16.630	2403.6483	2420.2783	---	---
11G	Ant1	2437	6Mbps	16.553	2428.7504	2445.3034	---	---
11G	Ant1	2462	6Mbps	16.526	2453.6786	2470.2046	---	---
11N20SISO	Ant1	2412	MCS0	17.862	2403.0516	2420.9136	---	---
11N20SISO	Ant1	2437	MCS0	17.925	2427.9980	2445.9230	---	---
11N20SISO	Ant1	2462	MCS0	17.893	2453.0268	2470.9198	---	---
11N40SISO	Ant1	2422	MCS0	36.134	2403.8841	2440.0181	---	---
11N40SISO	Ant1	2437	MCS0	36.216	2418.8363	2455.0523	---	---
11N40SISO	Ant1	2452	MCS0	36.122	2433.8748	2469.9968	---	---
11B	Ant2	2412	1Mbps	15.024	2404.4505	2419.4745	---	---
11B	Ant2	2437	1Mbps	14.747	2429.6128	2444.3598	---	---
11B	Ant2	2462	1Mbps	14.736	2454.5601	2469.2961	---	---
11G	Ant2	2412	6Mbps	16.729	2403.5836	2420.3126	---	---
11G	Ant2	2437	6Mbps	16.696	2428.6712	2445.3672	---	---
11G	Ant2	2462	6Mbps	16.742	2453.5468	2470.2888	---	---
11N20SISO	Ant2	2412	MCS0	17.885	2403.0377	2420.9227	---	---
11N20SISO	Ant2	2437	MCS0	17.873	2428.0328	2445.9058	---	---
11N20SISO	Ant2	2462	MCS0	17.880	2453.0100	2470.8900	---	---
11N40SISO	Ant2	2422	MCS0	36.262	2403.8564	2440.1184	---	---
11N40SISO	Ant2	2437	MCS0	36.262	2418.8209	2455.0829	---	---
11N40SISO	Ant2	2452	MCS0	36.111	2433.8835	2469.9945	---	---
11N20MIMO	Ant1	2412	MCS0	17.842	2403.0288	2420.8708	---	---
11N20MIMO	Ant2	2412	MCS0	17.840	2403.0689	2420.9089	---	---
11N20MIMO	Ant1	2437	MCS0	17.817	2428.0755	2445.8925	---	---
11N20MIMO	Ant2	2437	MCS0	17.827	2428.0869	2445.9139	---	---
11N20MIMO	Ant1	2462	MCS0	17.823	2453.0574	2470.8804	---	---
11N20MIMO	Ant2	2462	MCS0	17.866	2453.0434	2470.9094	---	---
11N40MIMO	Ant1	2422	MCS0	36.147	2403.8283	2439.9753	---	---
11N40MIMO	Ant2	2422	MCS0	36.209	2403.8721	2440.0811	---	---
11N40MIMO	Ant1	2437	MCS0	36.180	2418.8429	2455.0229	---	---
11N40MIMO	Ant2	2437	MCS0	36.378	2418.8071	2455.1851	---	---
11N40MIMO	Ant1	2452	MCS0	36.206	2433.8331	2470.0391	---	---
11N40MIMO	Ant2	2452	MCS0	36.213	2433.8521	2470.0651	---	---

Test Graphs

11B-Ant1-2412



11B-Ant1-2437



11B-Ant1-2462



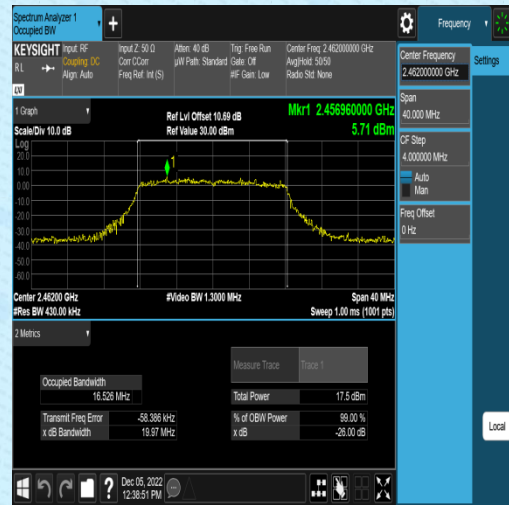
11G-Ant1-2412



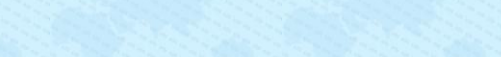
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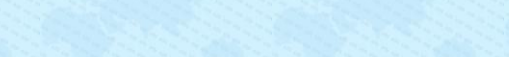
11G-Ant1-2462

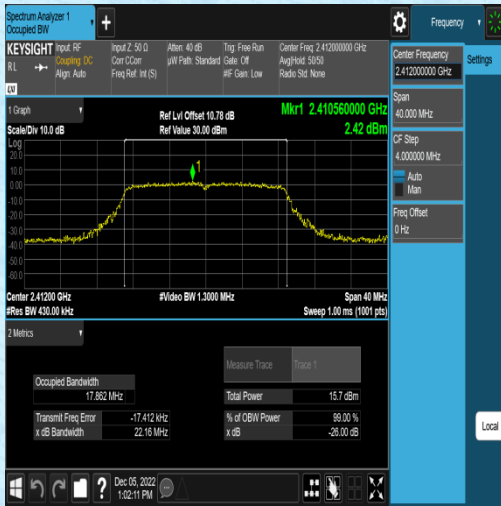


11N20SISO-Ant1-2412



11N20SISO-Ant1-2437





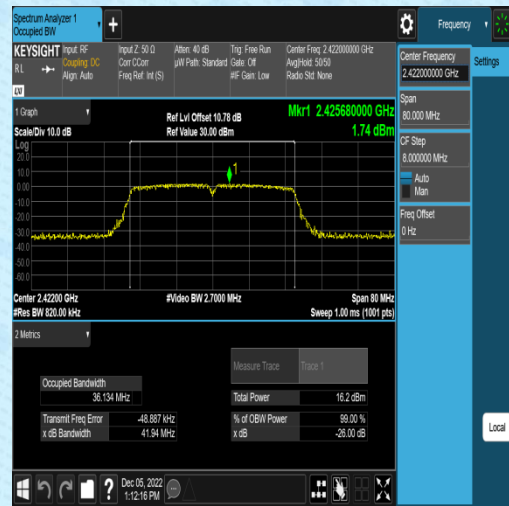
11N20SISO-Ant1-2462



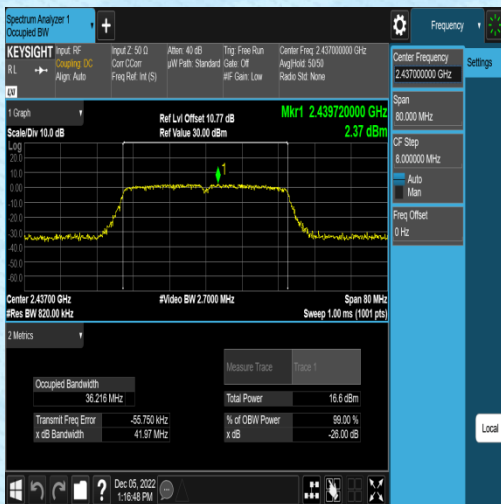
11N40SISO-Ant1-2422



11N40SISO-Ant1-2437



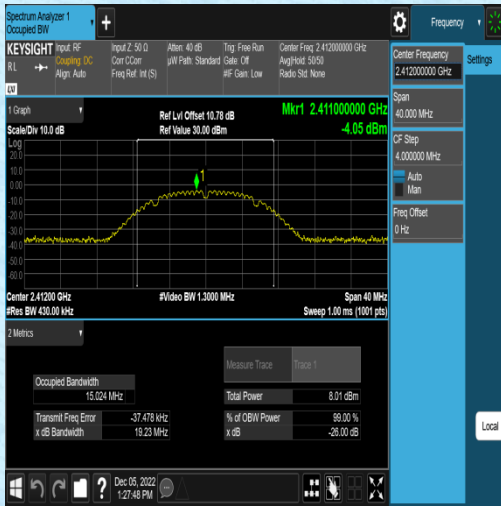
11N40SISO-Ant1-2452



11B-Ant2-2412



11B-Ant2-2437



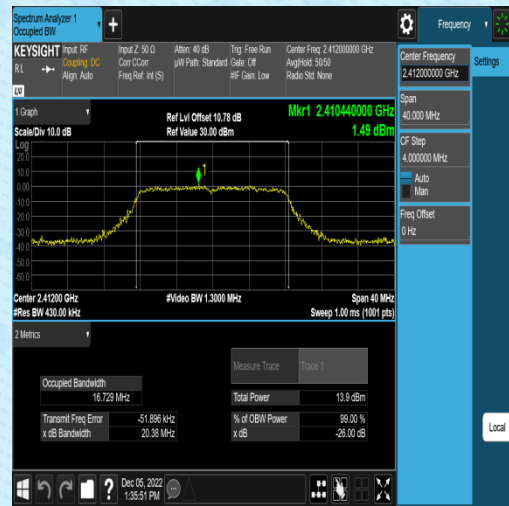
11B-Ant2-2462



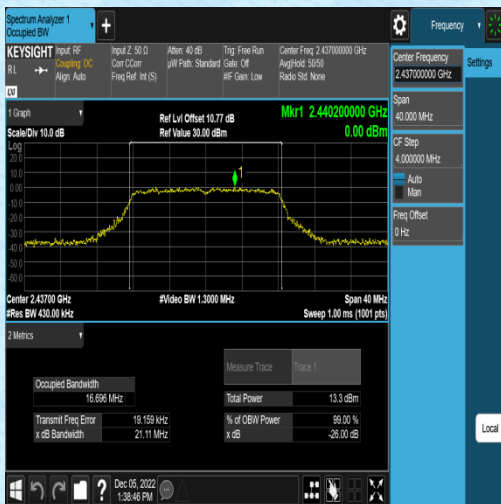
11G-Ant2-2412



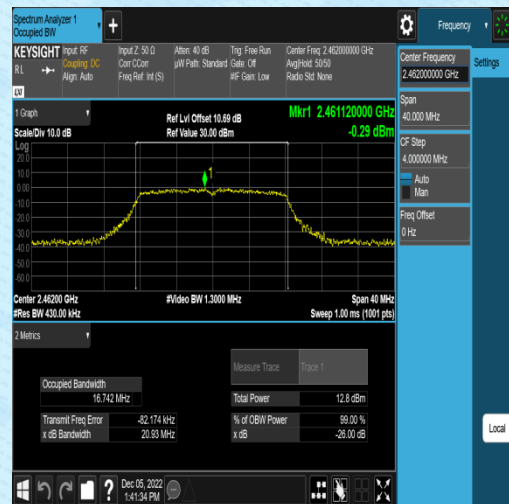
11G-Ant2-2437



11G-Ant2-2462



11N20SISO-Ant2-2412



11N20SISO-Ant2-2437

