

AppendixA: DTS Bandwidth**Test Result**

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.000	2407.480	2416.480	0.5	PASS
11B	Ant2	2412	9.080	2407.440	2416.520	0.5	PASS
11B	Ant1	2437	9.040	2432.480	2441.520	0.5	PASS
11B	Ant2	2437	9.040	2432.480	2441.520	0.5	PASS
11B	Ant1	2462	9.040	2457.480	2466.520	0.5	PASS
11B	Ant2	2462	9.080	2457.440	2466.520	0.5	PASS
11G	Ant1	2412	15.080	2404.480	2419.560	0.5	PASS
11G	Ant2	2412	15.080	2404.440	2419.520	0.5	PASS
11G	Ant1	2437	15.040	2429.440	2444.480	0.5	PASS
11G	Ant2	2437	15.040	2429.480	2444.520	0.5	PASS
11G	Ant1	2462	15.120	2454.440	2469.560	0.5	PASS
11G	Ant2	2462	15.320	2454.240	2469.560	0.5	PASS
11N20SISO	Ant1	2412	15.080	2404.440	2419.520	0.5	PASS
11N20SISO	Ant2	2412	15.080	2404.440	2419.520	0.5	PASS
11N20SISO	Ant1	2437	15.120	2429.440	2444.560	0.5	PASS
11N20SISO	Ant2	2437	15.120	2429.440	2444.560	0.5	PASS
11N20SISO	Ant1	2462	15.080	2454.480	2469.560	0.5	PASS
11N20SISO	Ant2	2462	15.040	2454.520	2469.560	0.5	PASS
11N20MIMO	Ant1	2412	15.080	2404.480	2419.560	0.5	PASS
11N20MIMO	Ant2	2412	16.520	2403.600	2420.120	0.5	PASS
11N20MIMO	Ant1	2437	15.800	2429.080	2444.880	0.5	PASS
11N20MIMO	Ant2	2437	16.960	2428.200	2445.160	0.5	PASS
11N20MIMO	Ant1	2462	15.120	2454.440	2469.560	0.5	PASS
11N20MIMO	Ant2	2462	15.720	2454.440	2470.160	0.5	PASS

Test Graphs



11B-Ant1-2412-PASS



11B-Ant2-2412-PASS



11B-Ant1-2437-PASS



11B-Ant2-2437-PASS



11B-Ant1-2462-PASS



11B-Ant2-2462-PASS



11G-Ant1-2412-PASS



11G-Ant2-2412-PASS



11G-Ant1-2437-PASS



11G-Ant2-2437-PASS



11G-Ant1-2462-PASS



11G-Ant2-2462-PASS



11N20SISO-Ant1-2412-PASS



11N20SISO-Ant2-2412-PASS



11N20SISO-Ant1-2437-PASS



11N20SISO-Ant2-2437-PASS



11N20SISO-Ant1-2462-PASS



11N20SISO-Ant2-2462-PASS



11N20MIMO-Ant1-2412-PASS



11N20MIMO-Ant2-2412-PASS



11N20MIMO-Ant1-2437-PASS



11N20MIMO-Ant2-2437-PASS



11N20MIMO-Ant1-2462-PASS



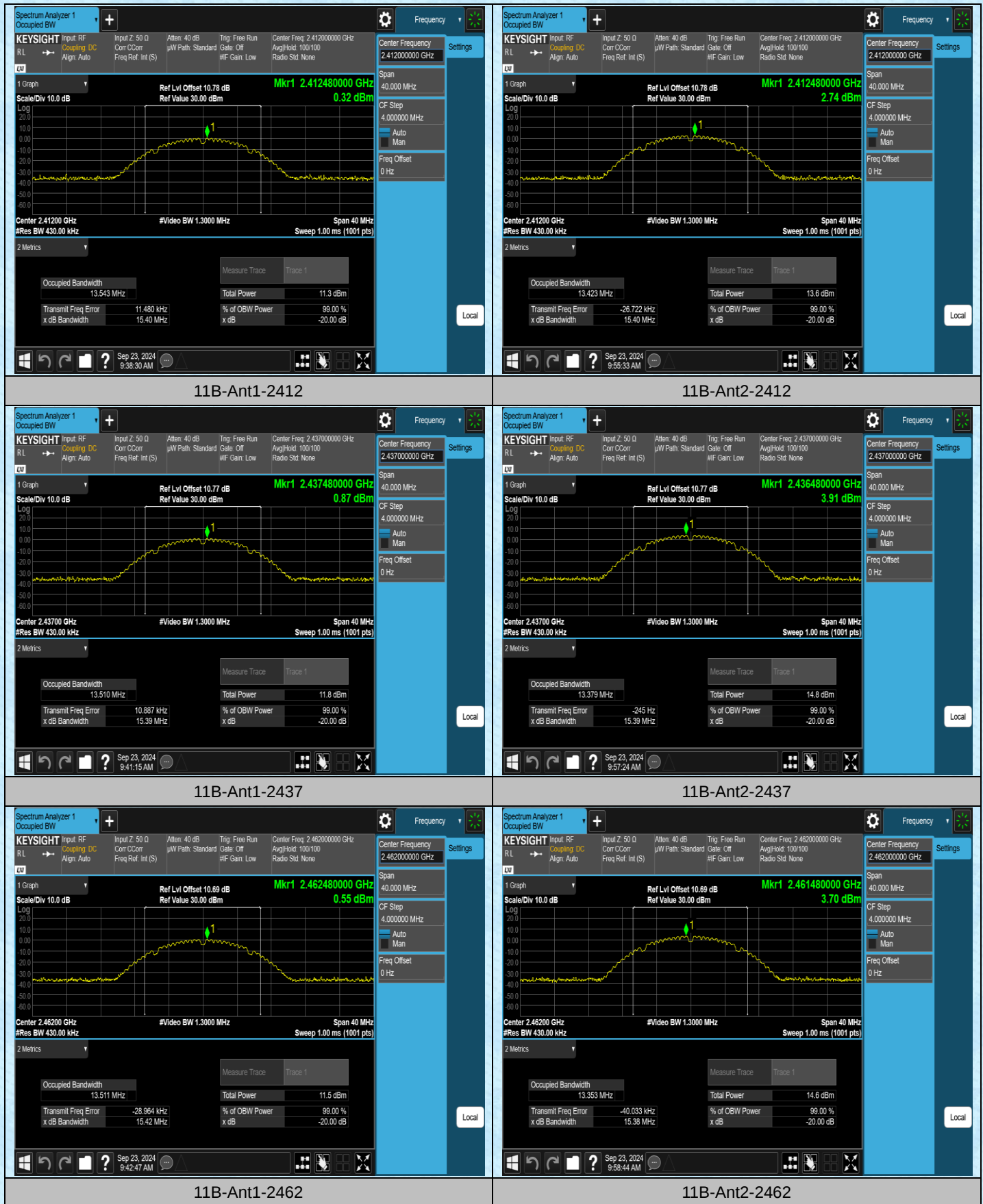
11N20MIMO-Ant2-2462-PASS

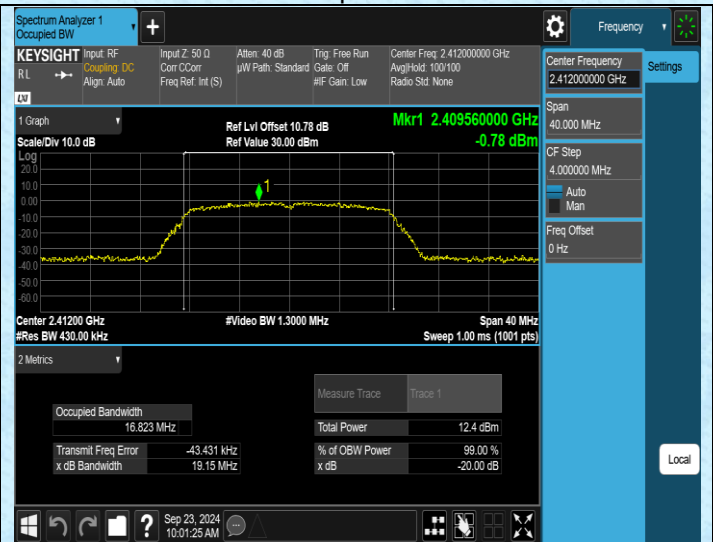
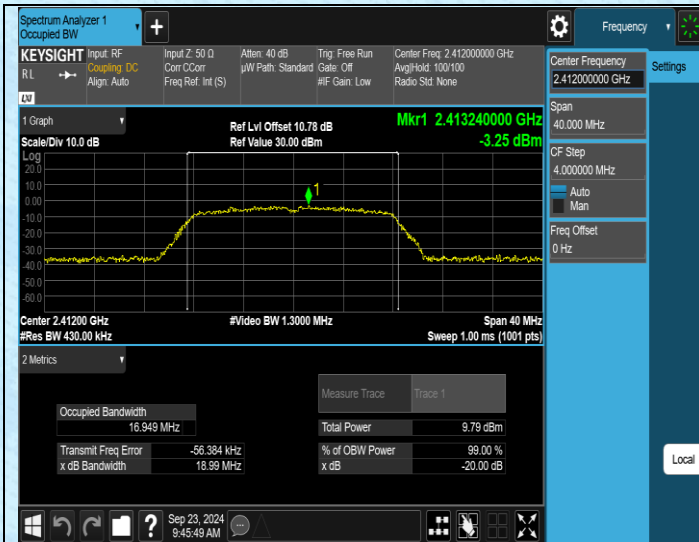
AppendixB: Occupied Channel Bandwidth

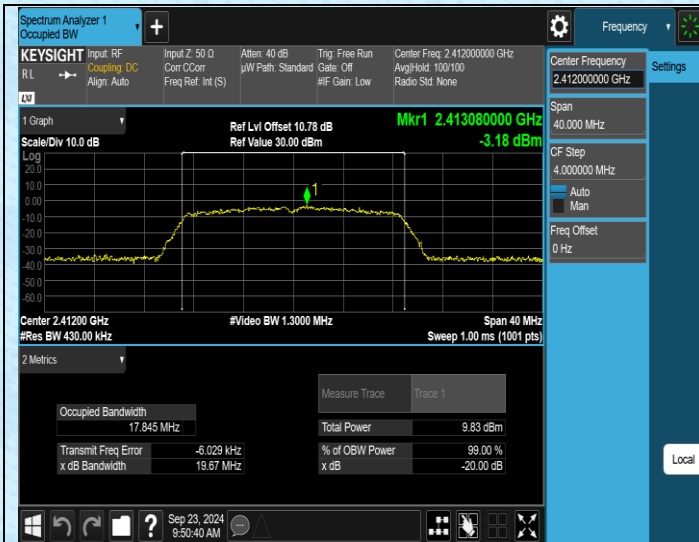
Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.543	2405.2400	2418.7830	---	---
11B	Ant2	2412	13.423	2405.2618	2418.6848	---	---
11B	Ant1	2437	13.510	2430.2559	2443.7659	---	---
11B	Ant2	2437	13.379	2430.3103	2443.6893	---	---
11B	Ant1	2462	13.511	2455.2155	2468.7265	---	---
11B	Ant2	2462	13.353	2455.2835	2468.6365	---	---
11G	Ant1	2412	16.949	2403.4691	2420.4181	---	---
11G	Ant2	2412	16.823	2403.5451	2420.3681	---	---
11G	Ant1	2437	16.925	2428.5293	2445.4543	---	---
11G	Ant2	2437	16.880	2428.4973	2445.3773	---	---
11G	Ant1	2462	16.941	2453.4964	2470.4374	---	---
11G	Ant2	2462	16.788	2453.5514	2470.3394	---	---
11N20SISO	Ant1	2412	17.845	2403.0715	2420.9165	---	---
11N20SISO	Ant2	2412	17.850	2403.0585	2420.9085	---	---
11N20SISO	Ant1	2437	17.819	2428.0833	2445.9023	---	---
11N20SISO	Ant2	2437	17.799	2428.0968	2445.8958	---	---
11N20SISO	Ant1	2462	17.796	2453.1171	2470.9131	---	---
11N20SISO	Ant2	2462	17.760	2453.1236	2470.8836	---	---
11N20MIMO	Ant1	2412	18.107	2402.9269	2421.0339	---	---
11N20MIMO	Ant2	2412	17.763	2403.0818	2420.8448	---	---
11N20MIMO	Ant1	2437	18.102	2427.9743	2446.0763	---	---
11N20MIMO	Ant2	2437	17.854	2428.0236	2445.8776	---	---
11N20MIMO	Ant1	2462	18.112	2452.9412	2471.0532	---	---
11N20MIMO	Ant2	2462	17.739	2453.1684	2470.9074	---	---

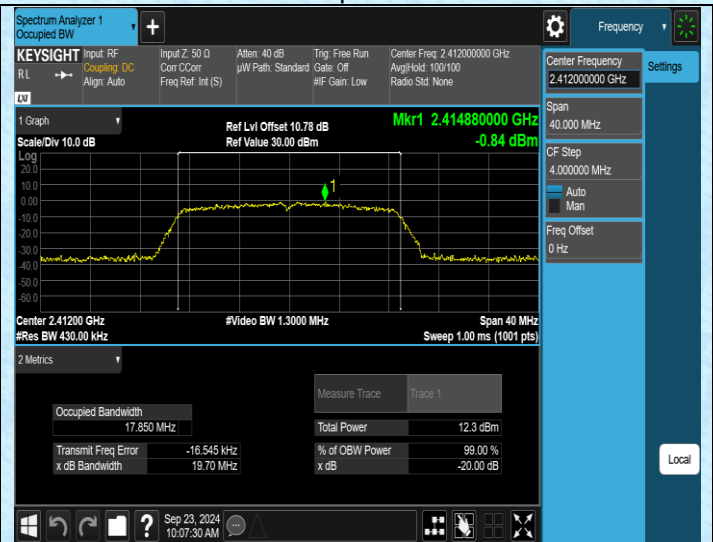
Test Graphs



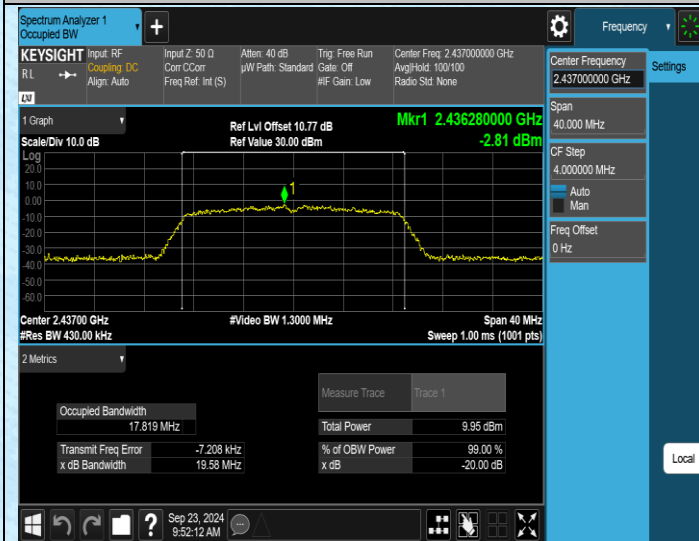




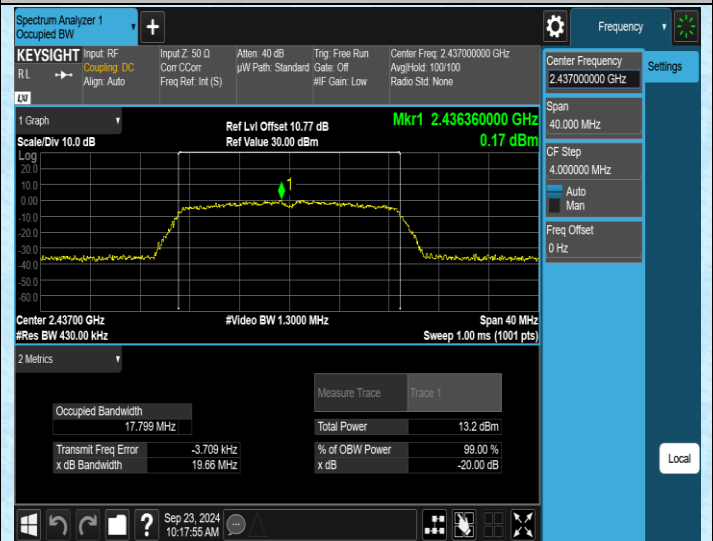
11N20SISO-Ant1-2412



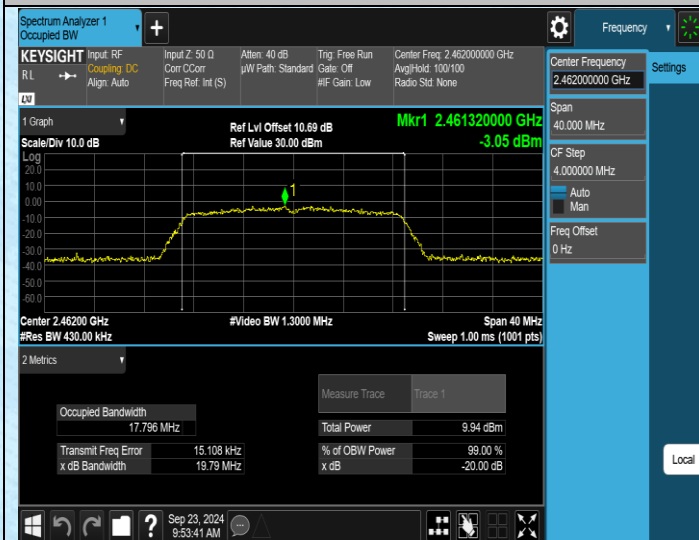
11N20SISO-Ant2-2412



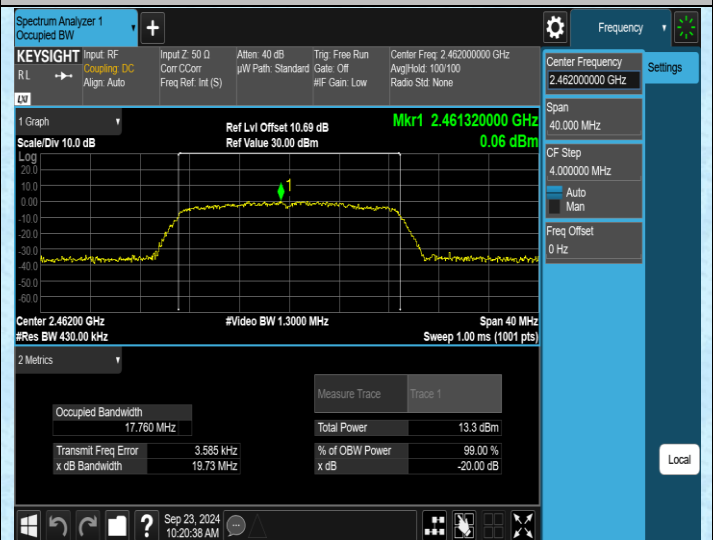
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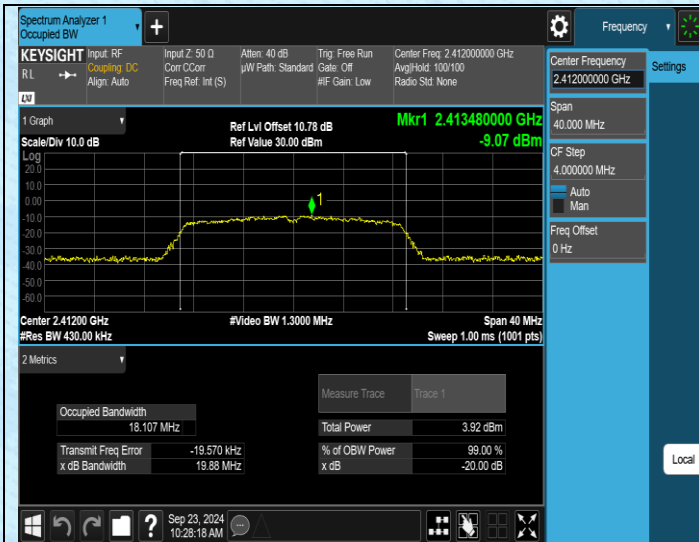
11N20SISO-Ant2-2437



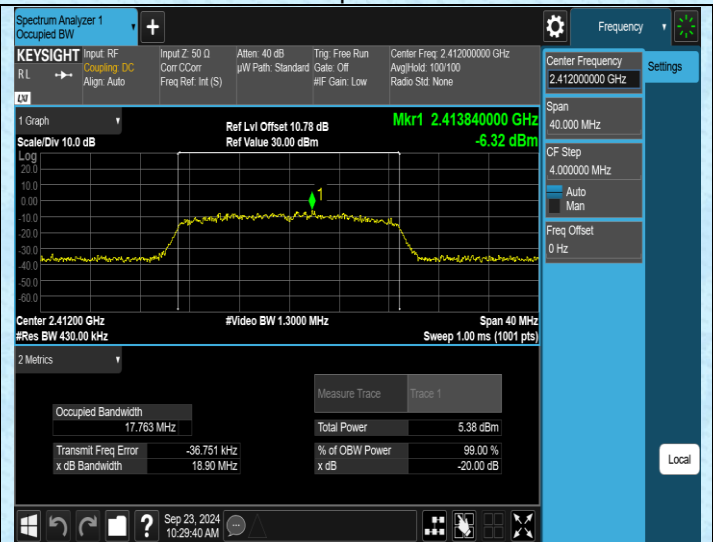
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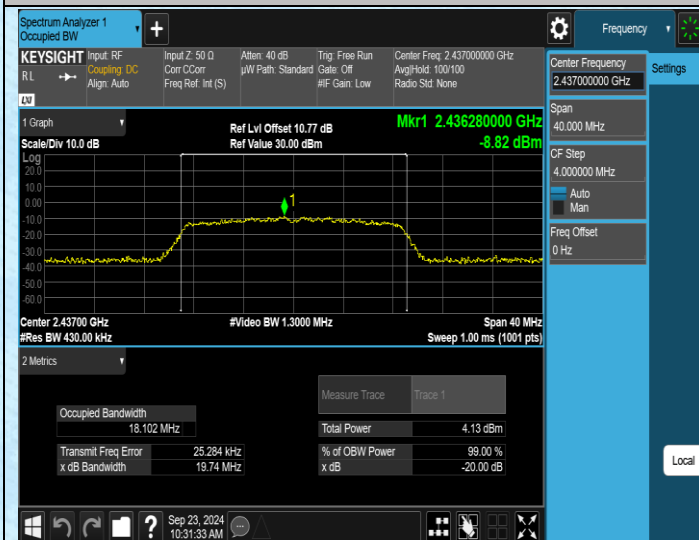
11N20SISO-Ant2-2462



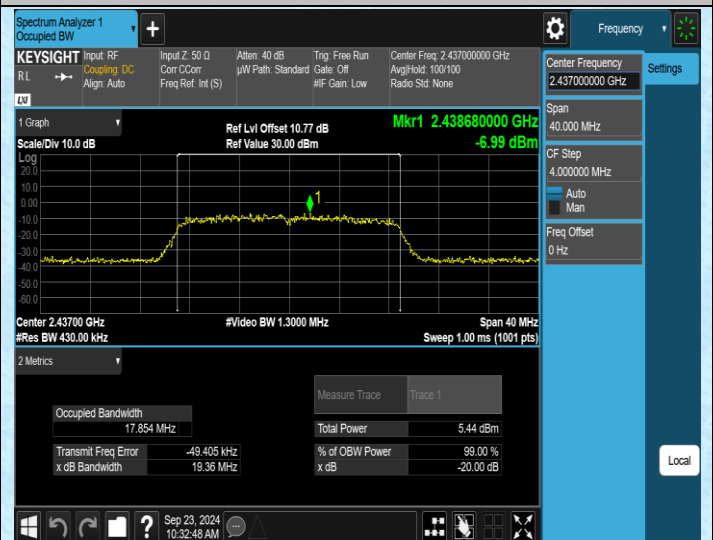
11N20MIMO-Ant1-2412



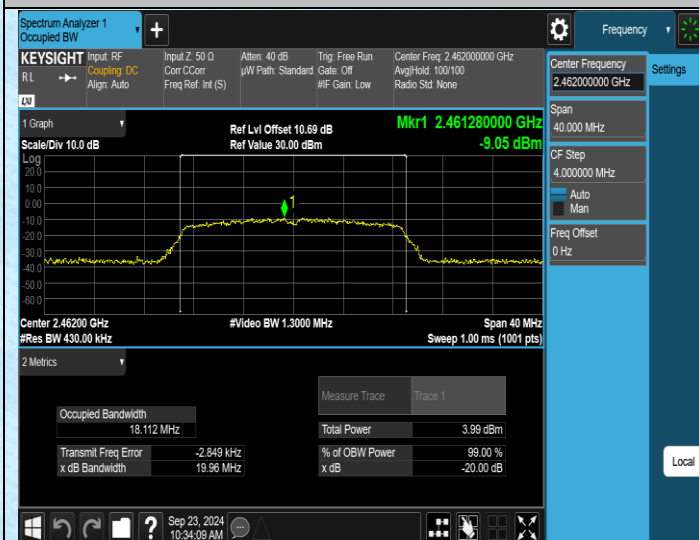
11N20MIMO-Ant2-2412



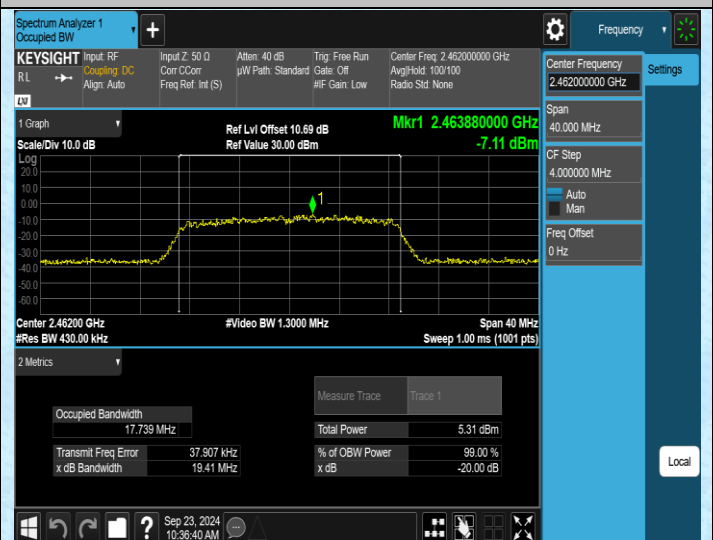
11N20MIMO-Ant1-2437



11N20MIMO-Ant2-2437



11N20MIMO-Ant1-2462



11N20MIMO-Ant2-2462

AppendixC: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Rate	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	1Mbps	10.98	≤29.20	PASS
11B	Ant2	2412	1Mbps	14.36	≤30.00	PASS
11B	Ant1	2437	1Mbps	11.50	≤29.20	PASS
11B	Ant2	2437	1Mbps	14.46	≤30.00	PASS
11B	Ant1	2462	1Mbps	11.21	≤29.20	PASS
11B	Ant2	2462	1Mbps	14.31	≤30.00	PASS
11G	Ant1	2412	6Mbps	10.87	≤29.20	PASS
11G	Ant2	2412	6Mbps	14.57	≤30.00	PASS
11G	Ant1	2437	6Mbps	10.98	≤29.20	PASS
11G	Ant2	2437	6Mbps	14.20	≤30.00	PASS
11G	Ant1	2462	6Mbps	11.02	≤29.20	PASS
11G	Ant2	2462	6Mbps	14.33	≤30.00	PASS
11N20SISO	Ant1	2412	MCS0	10.83	≤29.20	PASS
11N20SISO	Ant2	2412	MCS0	14.35	≤30.00	PASS
11N20SISO	Ant1	2437	MCS0	11.05	≤29.20	PASS
11N20SISO	Ant2	2437	MCS0	14.22	≤30.00	PASS
11N20SISO	Ant1	2462	MCS0	11.00	≤29.20	PASS
11N20SISO	Ant2	2462	MCS0	14.17	≤30.00	PASS
11N20MIMO	Ant1	2412	MCS0	4.93	≤29.20	PASS
11N20MIMO	Ant2	2412	MCS0	5.84	≤30.00	PASS
11N20MIMO	total	2412	MCS0	8.42	≤27.68	PASS
11N20MIMO	Ant1	2437	MCS0	5.22	≤29.20	PASS
11N20MIMO	Ant2	2437	MCS0	6.02	≤30.00	PASS
11N20MIMO	total	2437	MCS0	8.65	≤27.68	PASS
11N20MIMO	Ant1	2462	MCS0	4.93	≤29.20	PASS
11N20MIMO	Ant2	2462	MCS0	5.79	≤30.00	PASS
11N20MIMO	total	2462	MCS0	8.39	≤27.68	PASS

AppendixD: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	1Mbps	-2.05	≤8.00	PASS
11B	Ant2	2412	1Mbps	0.32	≤8.00	PASS
11B	Ant1	2437	1Mbps	-3.79	≤8.00	PASS
11B	Ant2	2437	1Mbps	1.32	≤8.00	PASS
11B	Ant1	2462	1Mbps	-2.81	≤8.00	PASS
11B	Ant2	2462	1Mbps	1.18	≤8.00	PASS
11G	Ant1	2412	6Mbps	-21.78	≤8.00	PASS
11G	Ant2	2412	6Mbps	-19.37	≤8.00	PASS
11G	Ant1	2437	6Mbps	-21.86	≤8.00	PASS
11G	Ant2	2437	6Mbps	-19.34	≤8.00	PASS
11G	Ant1	2462	6Mbps	-22.06	≤8.00	PASS
11G	Ant2	2462	6Mbps	-18.71	≤8.00	PASS
11N20SISO	Ant1	2412	MCS0	-21.71	≤8.00	PASS
11N20SISO	Ant2	2412	MCS0	-18.34	≤8.00	PASS
11N20SISO	Ant1	2437	MCS0	-21.56	≤8.00	PASS
11N20SISO	Ant2	2437	MCS0	-17.88	≤8.00	PASS
11N20SISO	Ant1	2462	MCS0	-21.75	≤8.00	PASS
11N20SISO	Ant2	2462	MCS0	-19.17	≤8.00	PASS
11N20MIMO	Ant1	2412	MCS0	-28.96	≤8.00	PASS
11N20MIMO	Ant2	2412	MCS0	-27.07	≤8.00	PASS
11N20MIMO	total	2412	MCS0	-24.90	≤8.00	PASS
11N20MIMO	Ant1	2437	MCS0	-26.37	≤8.00	PASS
11N20MIMO	Ant2	2437	MCS0	-27.8	≤8.00	PASS
11N20MIMO	total	2437	MCS0	-24.02	≤8.00	PASS
11N20MIMO	Ant1	2462	MCS0	-29.43	≤8.00	PASS
11N20MIMO	Ant2	2462	MCS0	-27.69	≤8.00	PASS
11N20MIMO	total	2462	MCS0	-25.46	≤8.00	PASS

Test Graphs

