

AppendixC: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	1Mbps	14.27	≤30.00	PASS
11B	Ant2	2412	1Mbps	14.08	≤30.00	PASS
11B	Ant1	2437	1Mbps	13.98	≤30.00	PASS
11B	Ant2	2437	1Mbps	14.00	≤30.00	PASS
11B	Ant1	2462	1Mbps	14.12	≤30.00	PASS
11B	Ant2	2462	1Mbps	13.79	≤30.00	PASS
11G	Ant1	2412	6Mbps	14.12	≤30.00	PASS
11G	Ant2	2412	6Mbps	14.61	≤30.00	PASS
11G	Ant1	2437	6Mbps	13.79	≤30.00	PASS
11G	Ant2	2437	6Mbps	14.44	≤30.00	PASS
11G	Ant1	2462	6Mbps	13.88	≤30.00	PASS
11G	Ant2	2462	6Mbps	14.24	≤30.00	PASS
11N20SISO	Ant1	2412	MCS0	14.23	≤30.00	PASS
11N20SISO	Ant2	2412	MCS0	14.63	≤30.00	PASS
11N20SISO	Ant1	2437	MCS0	13.32	≤30.00	PASS
11N20SISO	Ant2	2437	MCS0	13.98	≤30.00	PASS
11N20SISO	Ant1	2462	MCS0	13.68	≤30.00	PASS
11N20SISO	Ant2	2462	MCS0	13.78	≤30.00	PASS
11N40SISO	Ant1	2422	MCS0	14.34	≤30.00	PASS
11N40SISO	Ant2	2422	MCS0	15.00	≤30.00	PASS
11N40SISO	Ant1	2437	MCS0	13.67	≤30.00	PASS
11N40SISO	Ant2	2437	MCS0	14.55	≤30.00	PASS
11N40SISO	Ant1	2452	MCS0	13.82	≤30.00	PASS
11N40SISO	Ant2	2452	MCS0	14.55	≤30.00	PASS
11N20MIMO	Ant1	2412	MCS0	10.23	≤30.00	PASS
11N20MIMO	Ant2	2412	MCS0	18.70	≤30.00	PASS
11N20MIMO	total	2412	MCS0	19.28	≤30.00	PASS
11N20MIMO	Ant1	2437	MCS0	9.20	≤30.00	PASS
11N20MIMO	Ant2	2437	MCS0	18.48	≤30.00	PASS
11N20MIMO	total	2437	MCS0	18.96	≤30.00	PASS
11N20MIMO	Ant1	2462	MCS0	15.31	≤30.00	PASS
11N20MIMO	Ant2	2462	MCS0	15.28	≤30.00	PASS
11N20MIMO	total	2462	MCS0	18.31	≤30.00	PASS
11N40MIMO	Ant1	2422	MCS0	15.89	≤30.00	PASS
11N40MIMO	Ant2	2422	MCS0	15.91	≤30.00	PASS
11N40MIMO	total	2422	MCS0	18.91	≤30.00	PASS
11N40MIMO	Ant1	2437	MCS0	15.19	≤30.00	PASS

11N40MIMO	Ant2	2437	MCS0	15.43	≤30.00	PASS
11N40MIMO	total	2437	MCS0	18.32	≤30.00	PASS
11N40MIMO	Ant1	2452	MCS0	15.14	≤30.00	PASS
11N40MIMO	Ant2	2452	MCS0	14.89	≤30.00	PASS
11N40MIMO	total	2452	MCS0	18.03	≤30.00	PASS

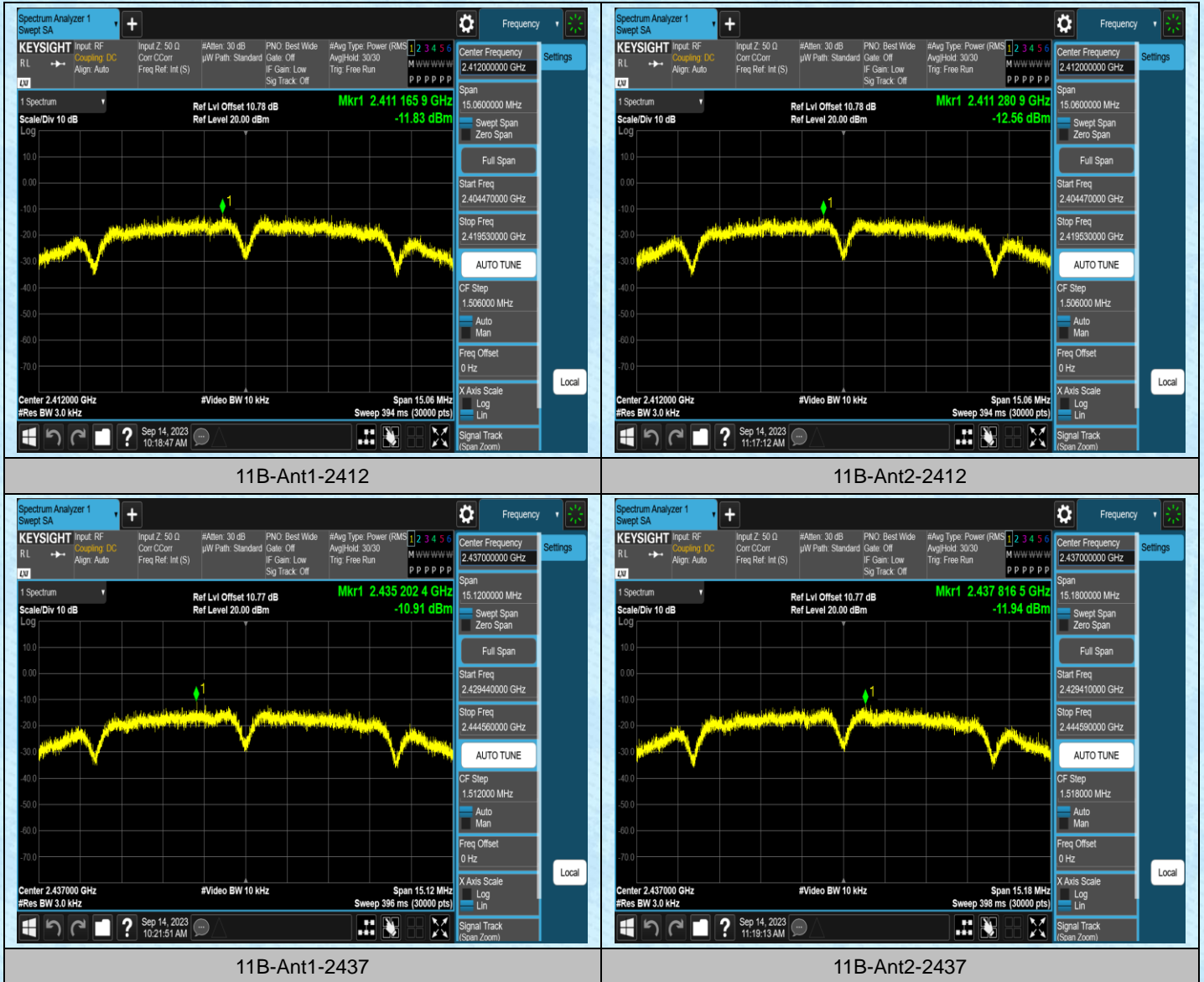
AppendixD: Maximum power spectral density

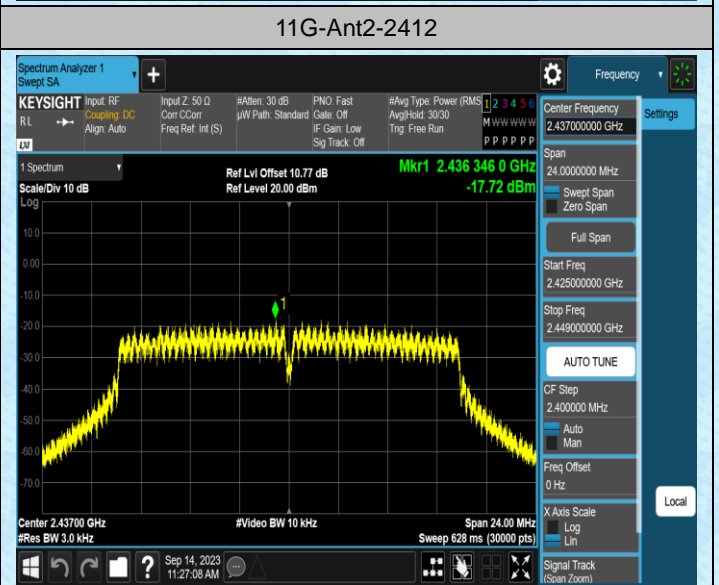
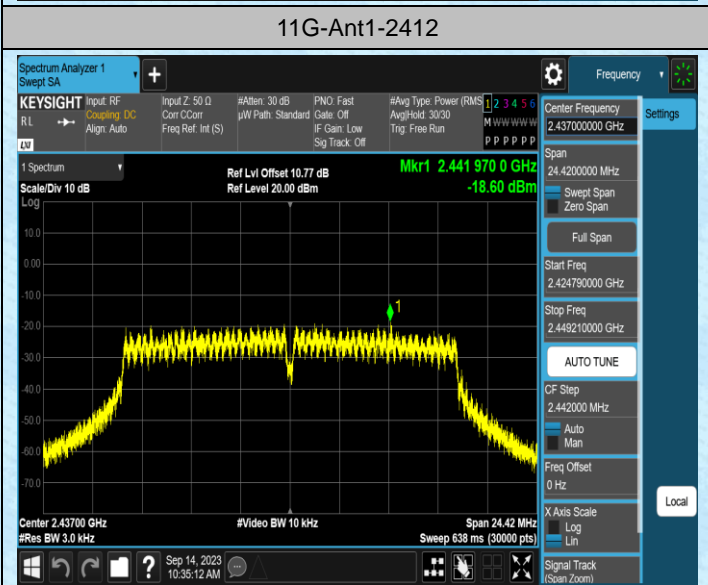
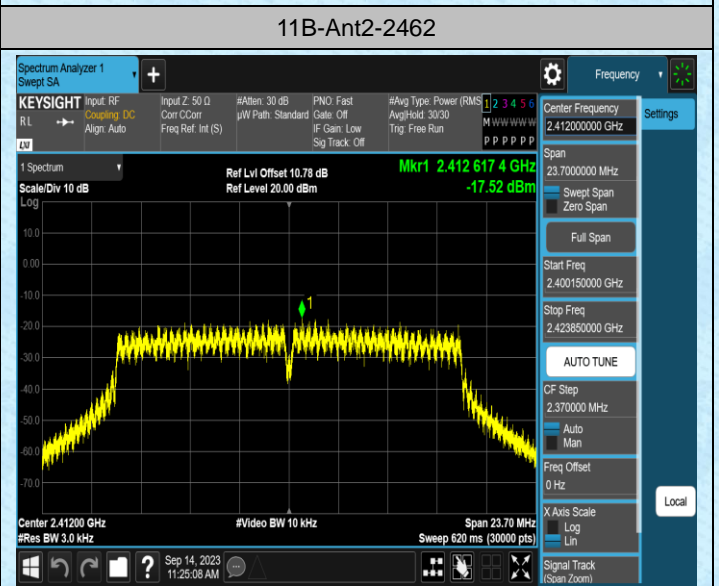
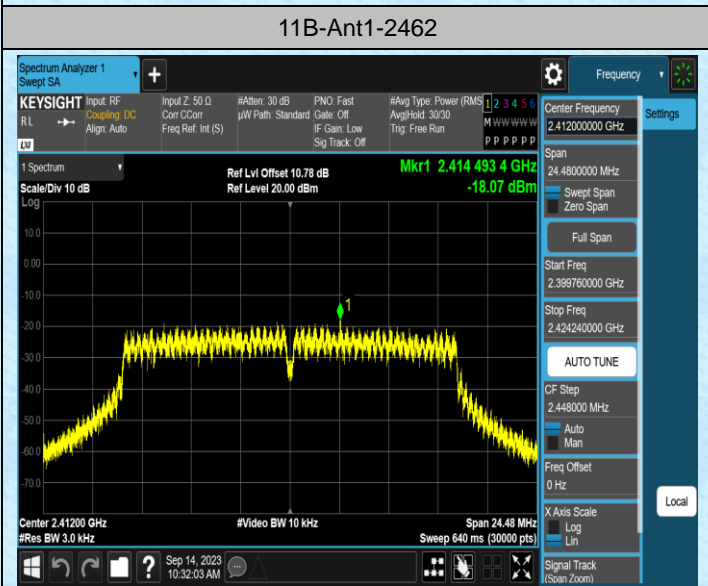
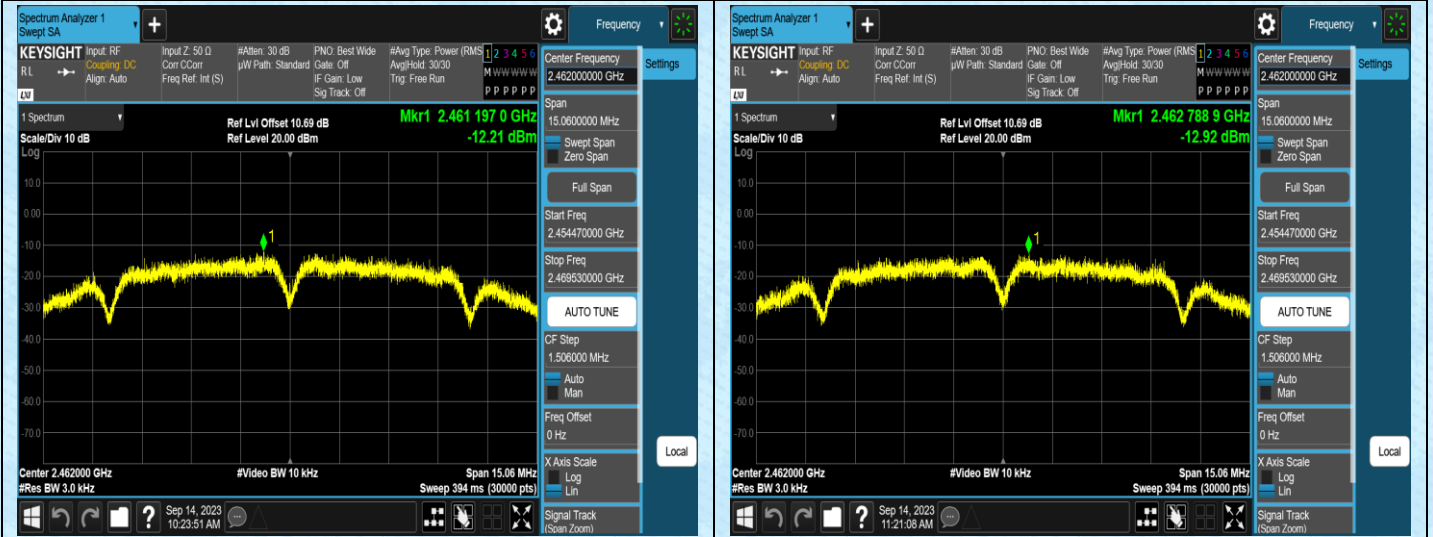
Test Result

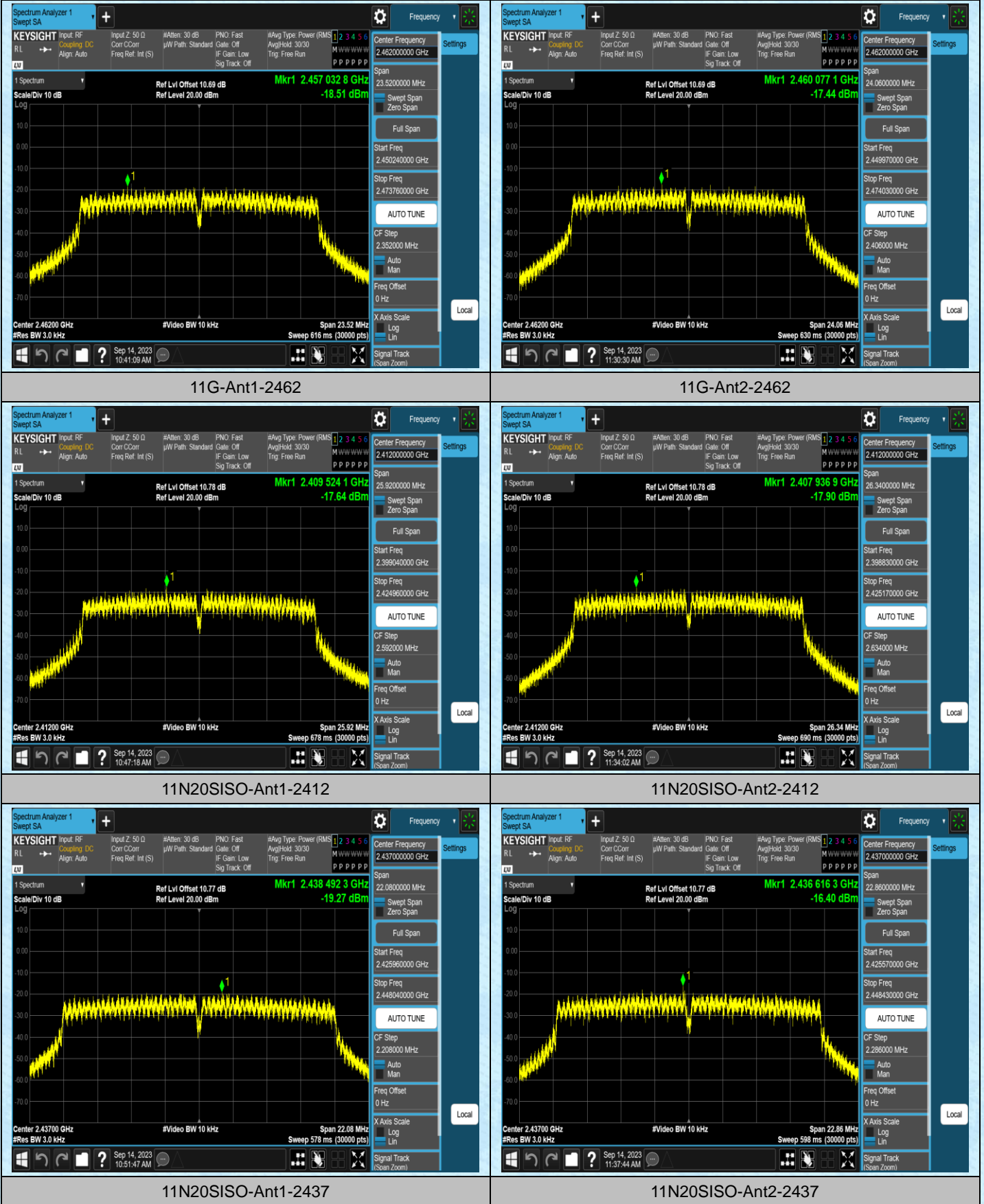
Test Mode	Antenna	Frequency[MHz]	Rate	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	1Mbps	-11.83	≤8.00	PASS
11B	Ant2	2412	1Mbps	-12.56	≤8.00	PASS
11B	Ant1	2437	1Mbps	-10.91	≤8.00	PASS
11B	Ant2	2437	1Mbps	-11.94	≤8.00	PASS
11B	Ant1	2462	1Mbps	-12.21	≤8.00	PASS
11B	Ant2	2462	1Mbps	-12.92	≤8.00	PASS
11G	Ant1	2412	6Mbps	-18.07	≤8.00	PASS
11G	Ant2	2412	6Mbps	-17.52	≤8.00	PASS
11G	Ant1	2437	6Mbps	-18.61	≤8.00	PASS
11G	Ant2	2437	6Mbps	-17.72	≤8.00	PASS
11G	Ant1	2462	6Mbps	-18.51	≤8.00	PASS
11G	Ant2	2462	6Mbps	-17.44	≤8.00	PASS
11N20SISO	Ant1	2412	MCS0	-17.64	≤8.00	PASS
11N20SISO	Ant2	2412	MCS0	-17.9	≤8.00	PASS
11N20SISO	Ant1	2437	MCS0	-19.27	≤8.00	PASS
11N20SISO	Ant2	2437	MCS0	-16.4	≤8.00	PASS
11N20SISO	Ant1	2462	MCS0	-18.4	≤8.00	PASS
11N20SISO	Ant2	2462	MCS0	-18.55	≤8.00	PASS
11N40SISO	Ant1	2422	MCS0	-21.22	≤8.00	PASS
11N40SISO	Ant2	2422	MCS0	-20.72	≤8.00	PASS
11N40SISO	Ant1	2437	MCS0	-21.19	≤8.00	PASS
11N40SISO	Ant2	2437	MCS0	-20.55	≤8.00	PASS
11N40SISO	Ant1	2452	MCS0	-21.75	≤8.00	PASS
11N40SISO	Ant2	2452	MCS0	-20.86	≤8.00	PASS
11N20MIMO	Ant1	2412	MCS0	-22.86	≤8.00	PASS
11N20MIMO	Ant2	2412	MCS0	-12.89	≤8.00	PASS
11N20MIMO	total	2412	MCS0	-12.47	≤8.00	PASS
11N20MIMO	Ant1	2437	MCS0	-22.43	≤8.00	PASS
11N20MIMO	Ant2	2437	MCS0	-14	≤8.00	PASS
11N20MIMO	total	2437	MCS0	-13.42	≤8.00	PASS
11N20MIMO	Ant1	2462	MCS0	-22.73	≤8.00	PASS
11N20MIMO	Ant2	2462	MCS0	-22.78	≤8.00	PASS
11N20MIMO	total	2462	MCS0	-19.74	≤8.00	PASS
11N40MIMO	Ant1	2422	MCS0	-22.75	≤8.00	PASS
11N40MIMO	Ant2	2422	MCS0	-22.84	≤8.00	PASS
11N40MIMO	total	2422	MCS0	-19.78	≤8.00	PASS
11N40MIMO	Ant1	2437	MCS0	-19.47	≤8.00	PASS

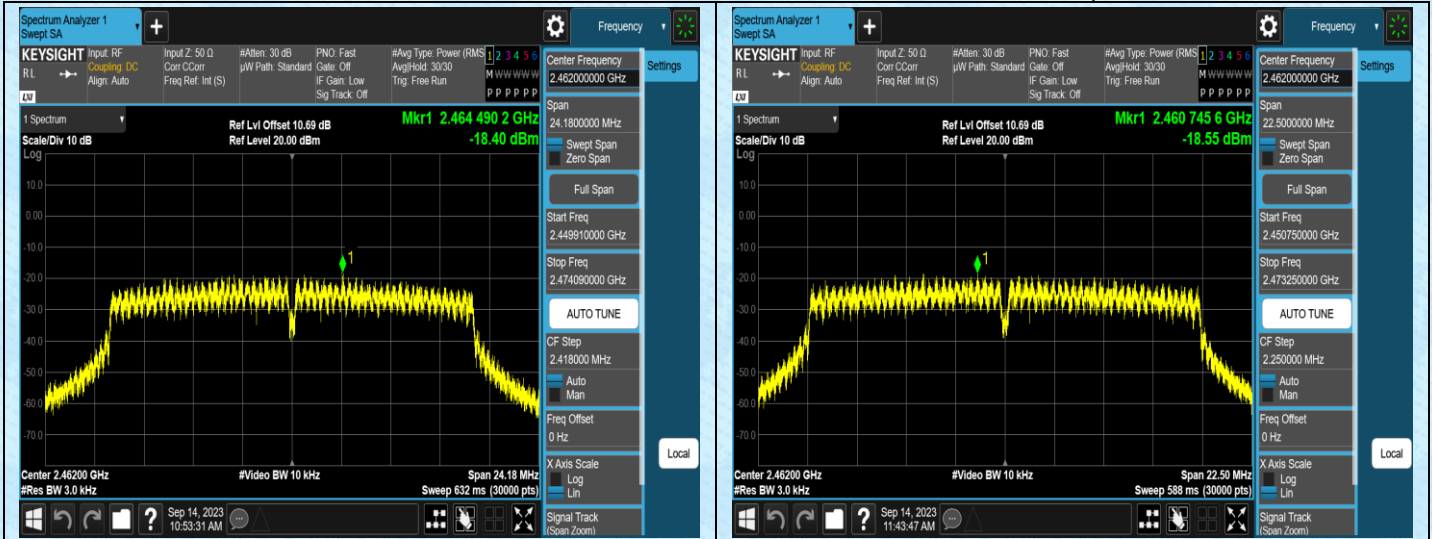
11N40MIMO	Ant2	2437	MCS0	-19.52	≤8.00	PASS
11N40MIMO	total	2437	MCS0	-16.48	≤8.00	PASS
11N40MIMO	Ant1	2452	MCS0	-19.76	≤8.00	PASS
11N40MIMO	Ant2	2452	MCS0	-19.33	≤8.00	PASS
11N40MIMO	total	2452	MCS0	-16.53	≤8.00	PASS

Test Graphs



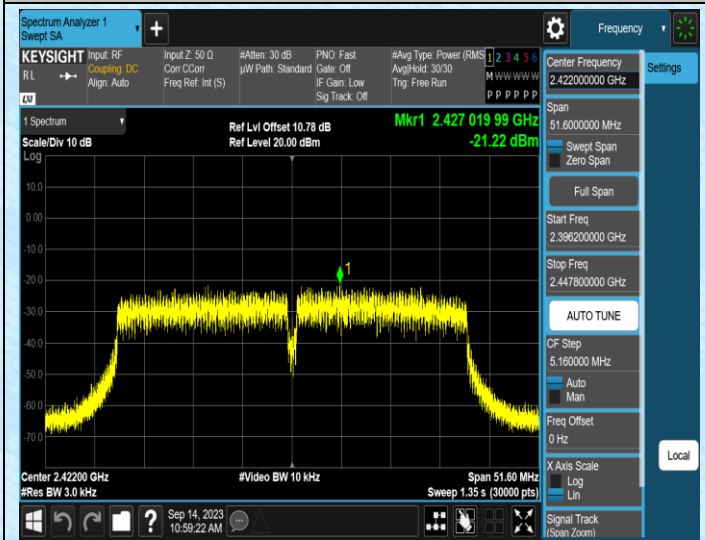




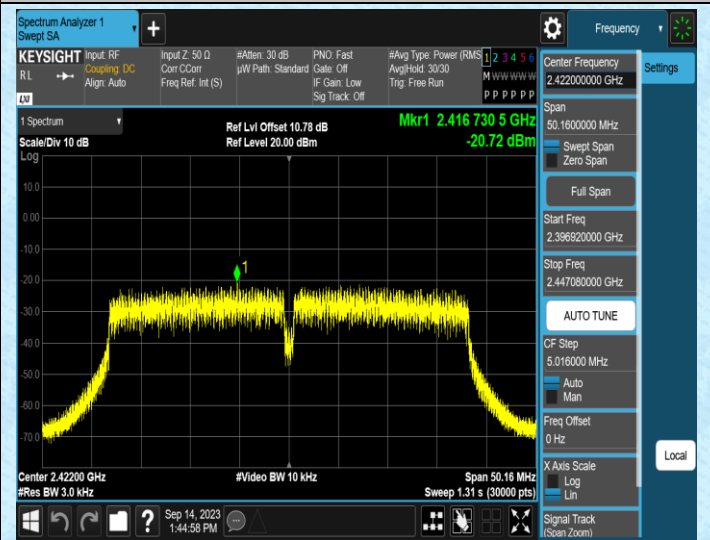


11N20SISO-Ant1-2462

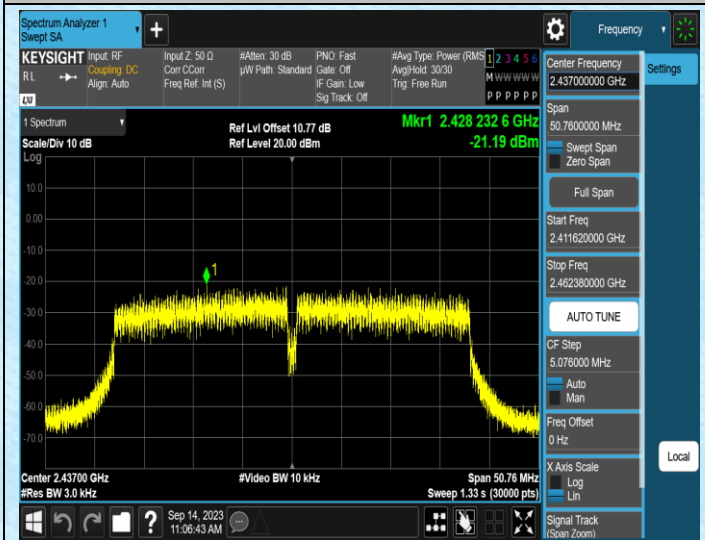
11N20SISO-Ant2-2462



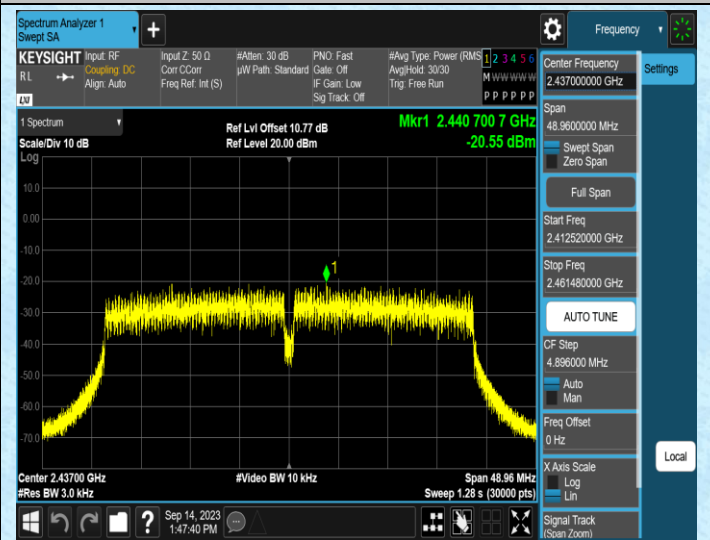
11N40SISO-Ant1-2422



11N40SISO-Ant2-2422



11N40SISO-Ant1-2437



11N40SISO-Ant2-2437

