

Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	1Mbps	9.040	2407.520	2416.560	0.5	PASS
11B	Ant1	2437	1Mbps	8.320	2432.520	2440.840	0.5	PASS
11B	Ant1	2462	1Mbps	9.080	2457.520	2466.600	0.5	PASS
11G	Ant1	2412	6Mbps	16.040	2404.160	2420.200	0.5	PASS
11G	Ant1	2437	6Mbps	16.280	2428.920	2445.200	0.5	PASS
11G	Ant1	2462	6Mbps	16.280	2453.920	2470.200	0.5	PASS
11N20SISO	Ant1	2412	MCS0	17.320	2403.520	2420.840	0.5	PASS
11N20SISO	Ant1	2437	MCS0	17.000	2428.560	2445.560	0.5	PASS
11N20SISO	Ant1	2462	MCS0	17.560	2453.280	2470.840	0.5	PASS
11N40SISO	Ant1	2422	MCS0	34.080	2405.520	2439.600	0.5	PASS
11N40SISO	Ant1	2437	MCS0	35.120	2419.480	2454.600	0.5	PASS
11N40SISO	Ant1	2452	MCS0	35.040	2434.560	2469.600	0.5	PASS

Test Graphs





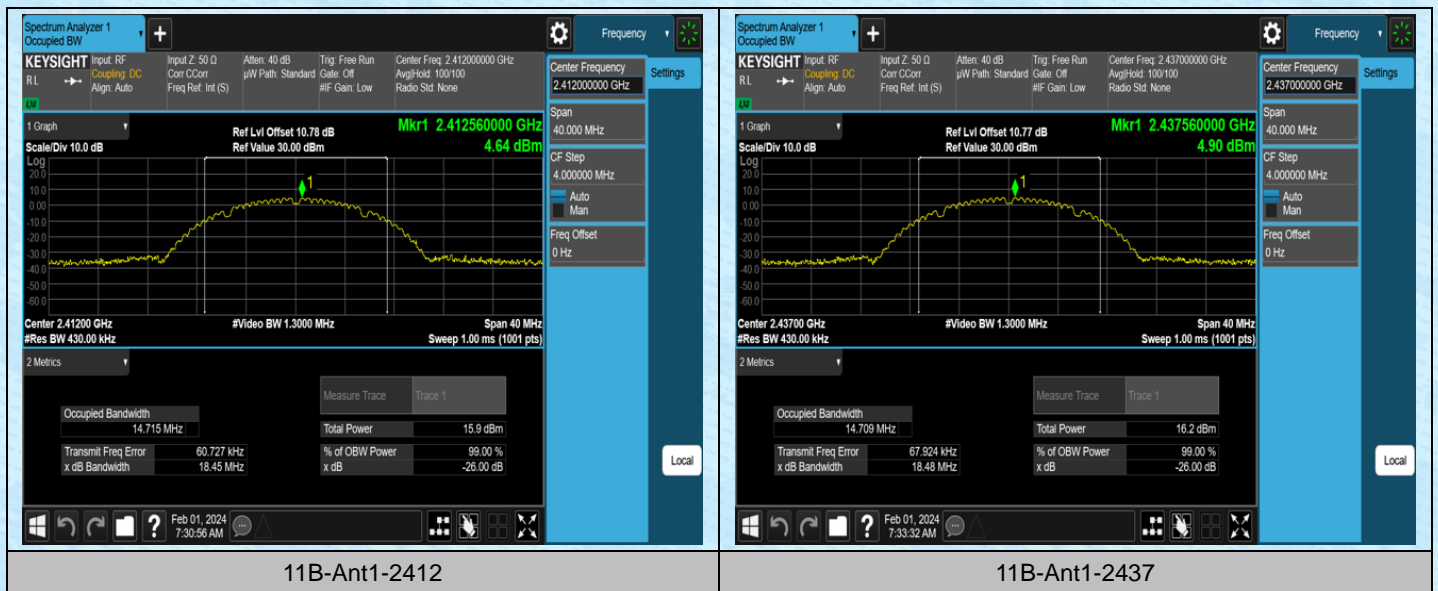


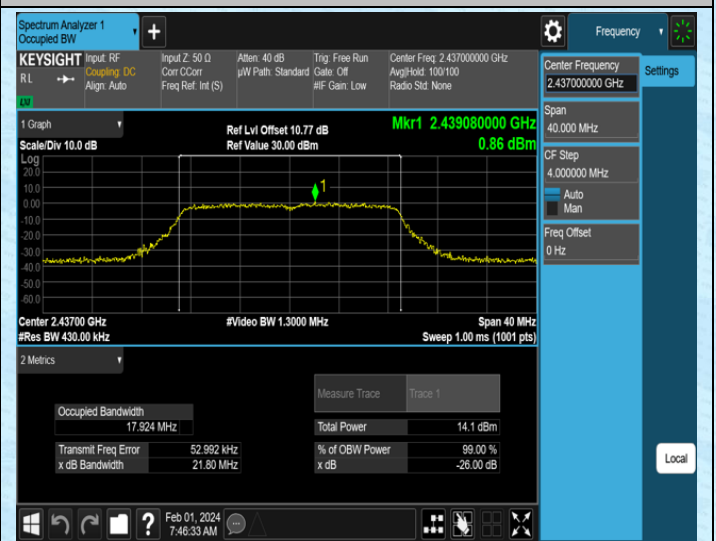
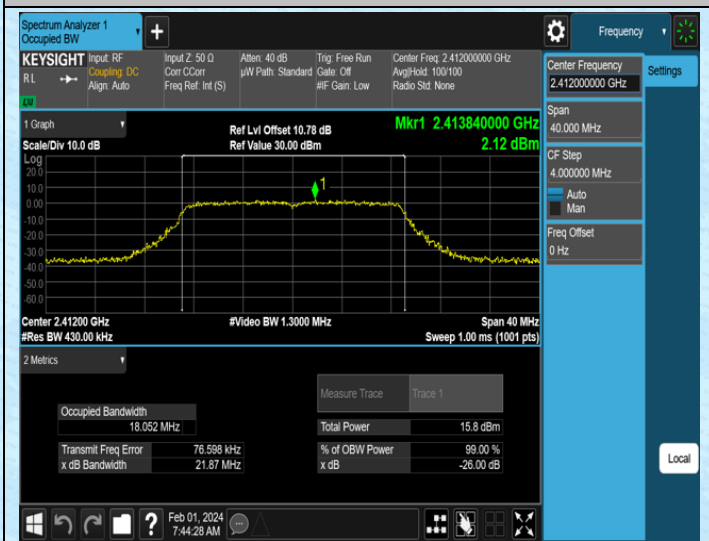
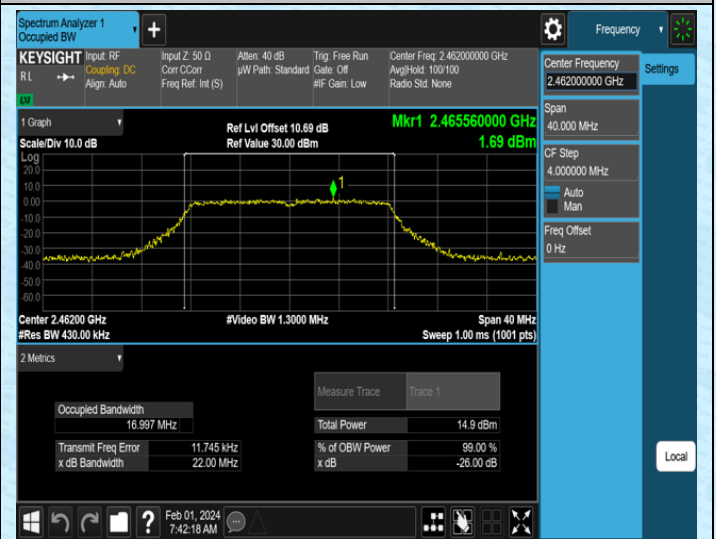
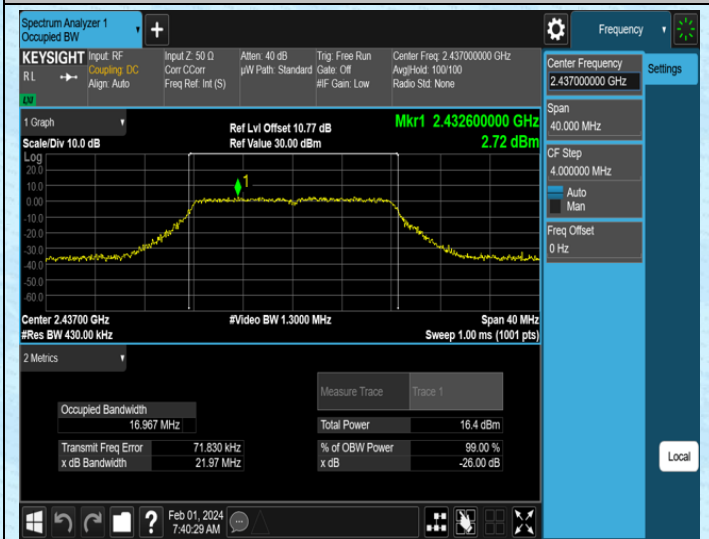
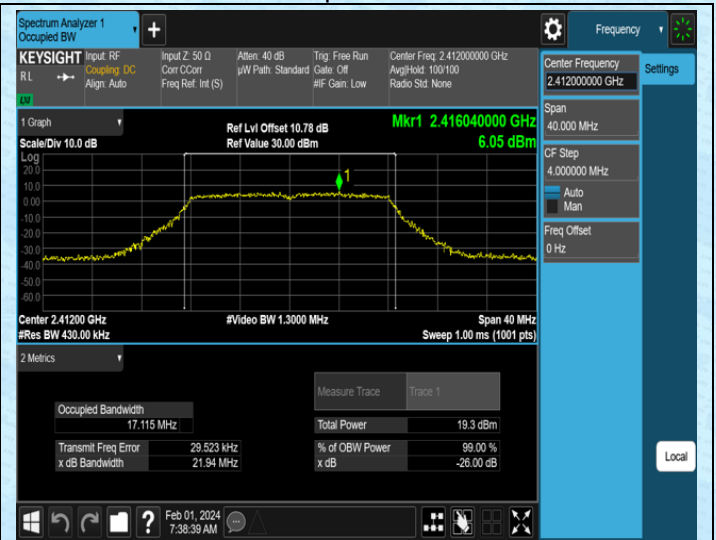
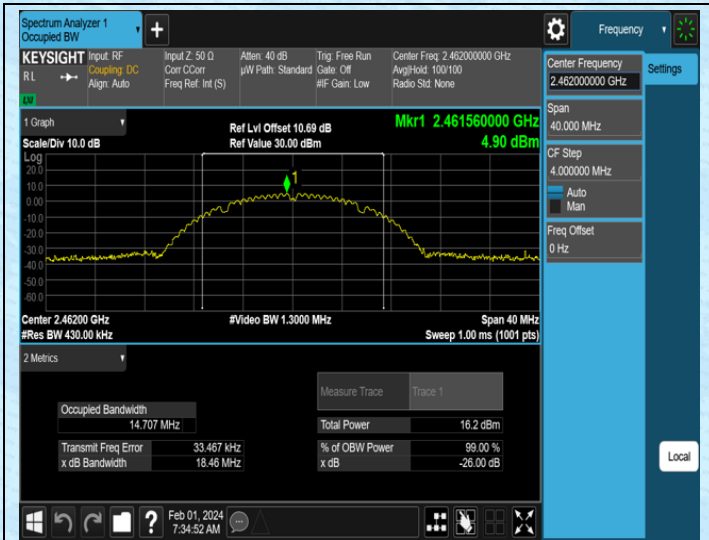
AppendixB: Occupied Channel Bandwidth

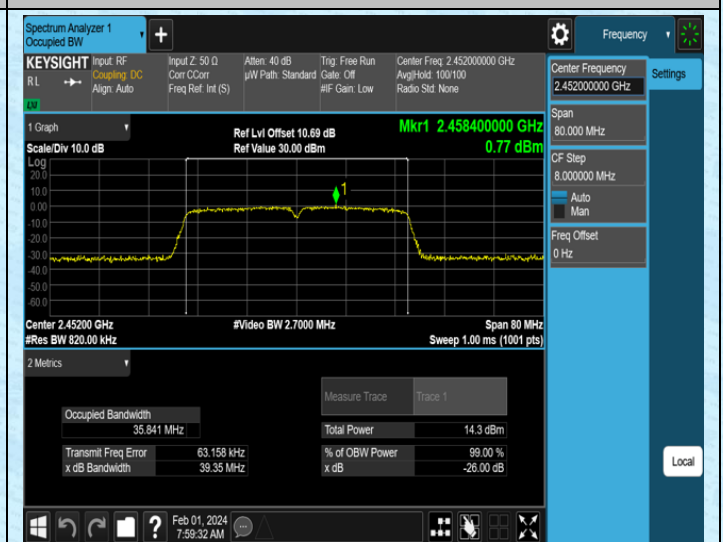
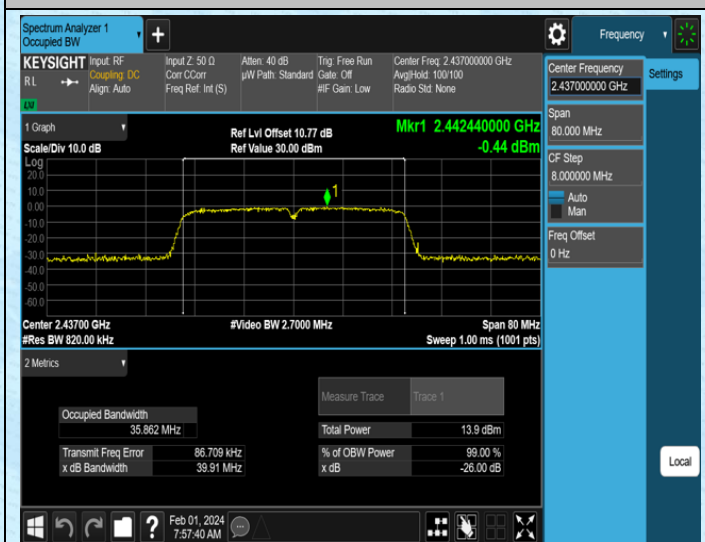
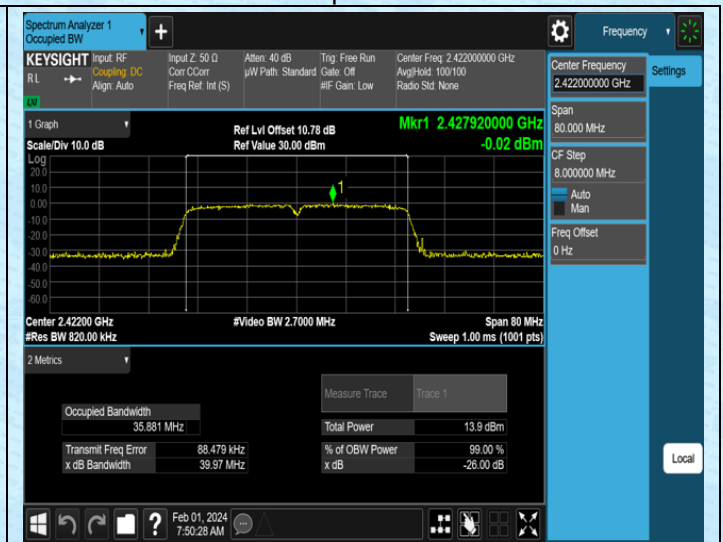
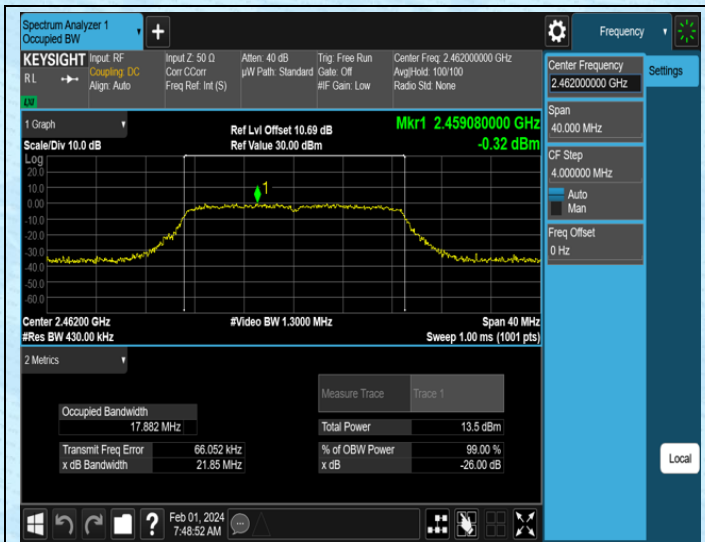
Test Result

Test Mode	Antenna	Channel Frequency[MHz]	Rate	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	1Mbps	14.715	2404.7032	2419.4182	---	---
11B	Ant1	2437	1Mbps	14.709	2429.7134	2444.4224	---	---
11B	Ant1	2462	1Mbps	14.707	2454.6800	2469.3870	---	---
11G	Ant1	2412	6Mbps	17.115	2403.4720	2420.5870	---	---
11G	Ant1	2437	6Mbps	16.967	2428.5883	2445.5553	---	---
11G	Ant1	2462	6Mbps	16.997	2453.5132	2470.5102	---	---
11N20SISO	Ant1	2412	MCS0	18.052	2403.0506	2421.1026	---	---
11N20SISO	Ant1	2437	MCS0	17.924	2428.0910	2446.0150	---	---
11N20SISO	Ant1	2462	MCS0	17.882	2453.1251	2471.0071	---	---
11N40SISO	Ant1	2422	MCS0	35.881	2404.1480	2440.0290	---	---
11N40SISO	Ant1	2437	MCS0	35.862	2419.1557	2455.0177	---	---
11N40SISO	Ant1	2452	MCS0	35.841	2434.1427	2469.9837	---	---

Test Graphs







AppendixC: Maximum Peak conducted output power

Test Result

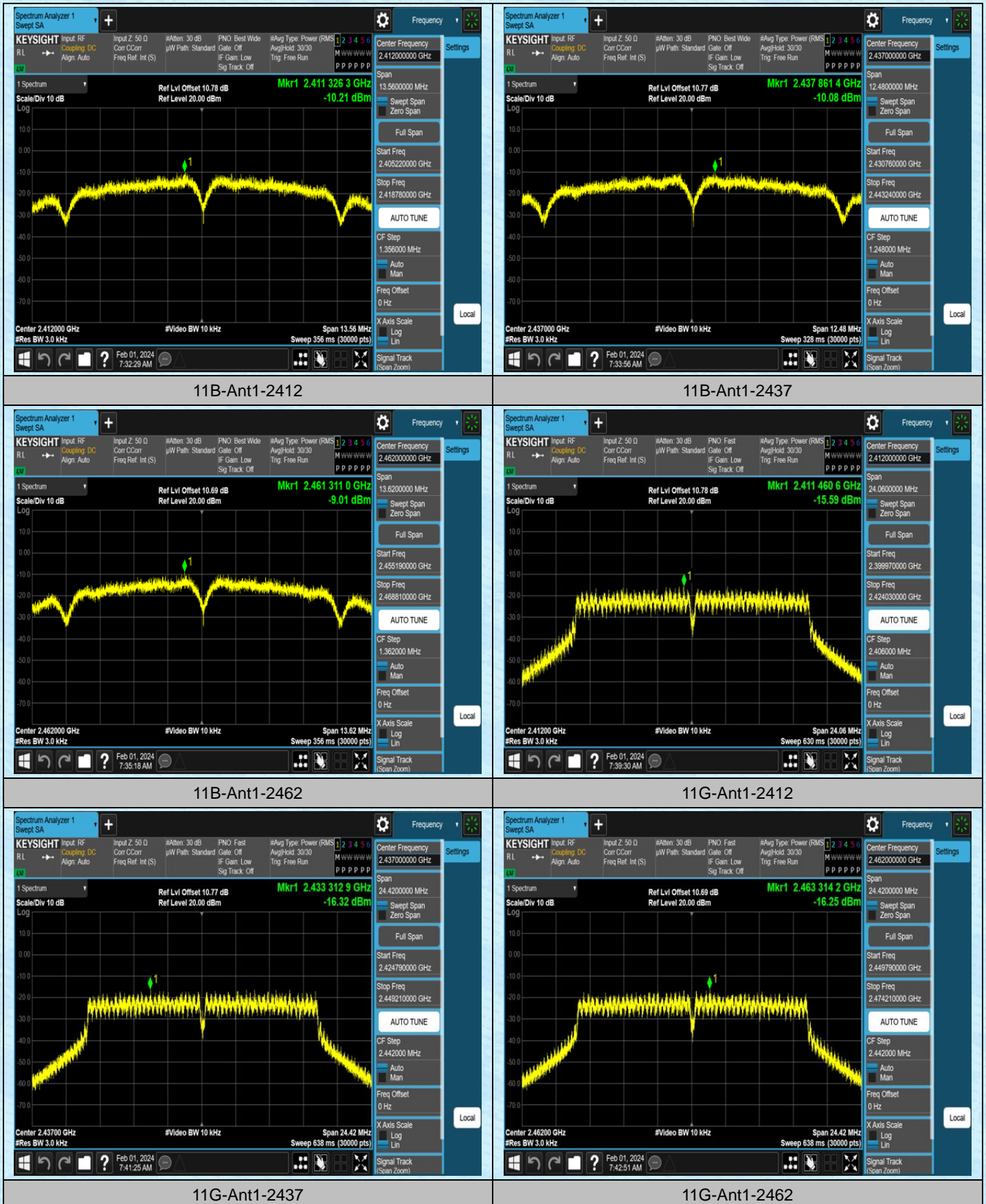
Test Mode	Antenna	Frequency[MHz]	Rate	Peak Power[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	1Mbps	15.57	≤30.00	PASS
11B	Ant1	2437	1Mbps	15.59	≤30.00	PASS
11B	Ant1	2462	1Mbps	15.81	≤30.00	PASS
11G	Ant1	2412	6Mbps	16.85	≤30.00	PASS
11G	Ant1	2437	6Mbps	16.22	≤30.00	PASS
11G	Ant1	2462	6Mbps	16.12	≤30.00	PASS
11N20SISO	Ant1	2412	MCS0	15.51	≤30.00	PASS
11N20SISO	Ant1	2437	MCS0	15.94	≤30.00	PASS
11N20SISO	Ant1	2462	MCS0	15.69	≤30.00	PASS
11N40SISO	Ant1	2422	MCS0	14.25	≤30.00	PASS
11N40SISO	Ant1	2437	MCS0	14.29	≤30.00	PASS
11N40SISO	Ant1	2452	MCS0	14.64	≤30.00	PASS

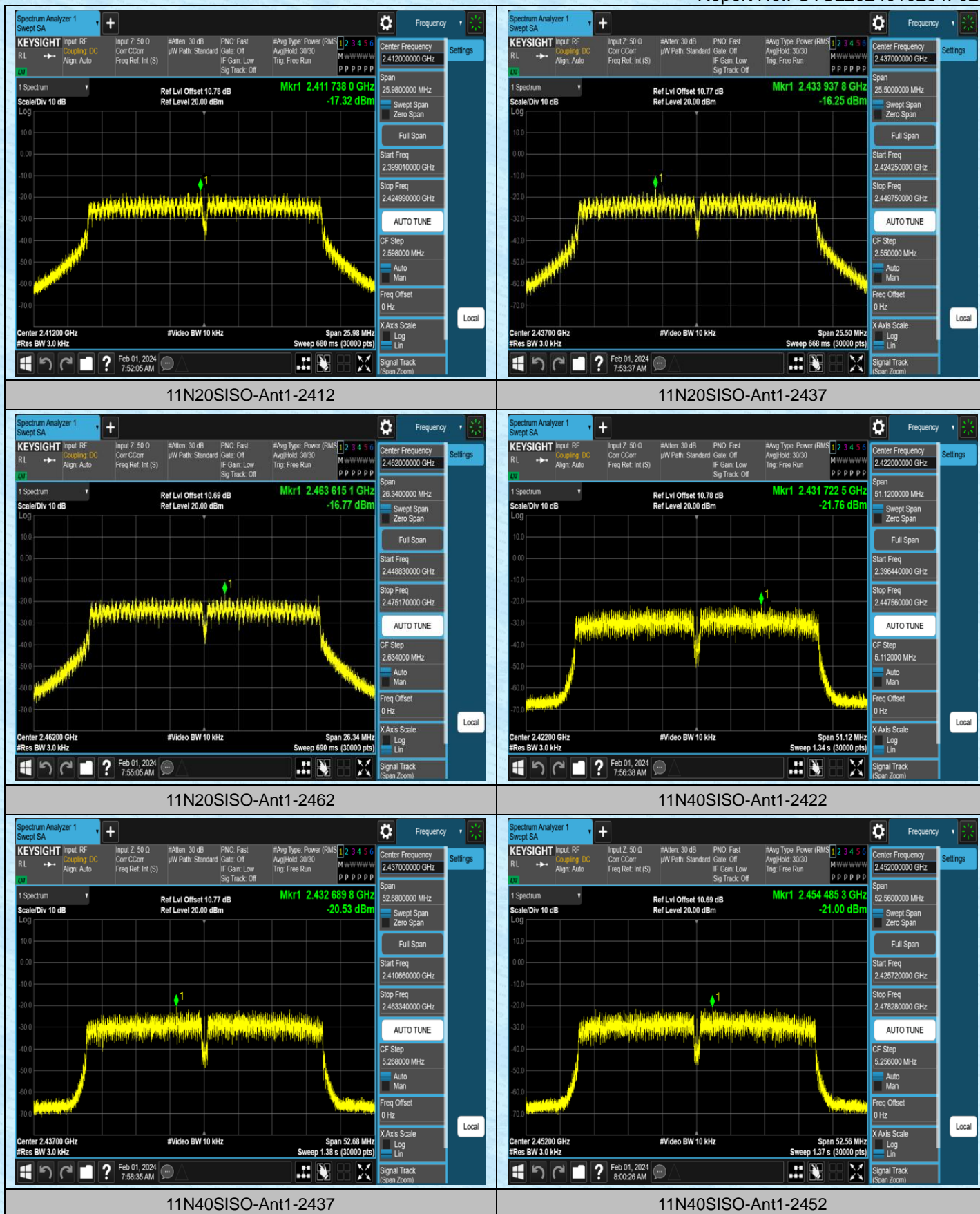
AppendixD: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	1Mbps	-10.21	≤8.00	PASS
11B	Ant1	2437	1Mbps	-10.08	≤8.00	PASS
11B	Ant1	2462	1Mbps	-9.01	≤8.00	PASS
11G	Ant1	2412	6Mbps	-15.59	≤8.00	PASS
11G	Ant1	2437	6Mbps	-16.32	≤8.00	PASS
11G	Ant1	2462	6Mbps	-16.25	≤8.00	PASS
11N20SISO	Ant1	2412	MCS0	-17.32	≤8.00	PASS
11N20SISO	Ant1	2437	MCS0	-16.25	≤8.00	PASS
11N20SISO	Ant1	2462	MCS0	-16.77	≤8.00	PASS
11N40SISO	Ant1	2422	MCS0	-21.76	≤8.00	PASS
11N40SISO	Ant1	2437	MCS0	-20.53	≤8.00	PASS
11N40SISO	Ant1	2452	MCS0	-21	≤8.00	PASS

Test Graphs





Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	Rate	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	1Mbps	3.06	-41.15	≤-16.94	PASS
11B	Ant1	High	2462	1Mbps	4.22	-48.71	≤-15.78	PASS
11G	Ant1	Low	2412	6Mbps	-2.67	-39.53	≤-22.67	PASS
11G	Ant1	High	2462	6Mbps	-3.53	-48.53	≤-23.53	PASS
11N20SISO	Ant1	Low	2412	MCS0	-4.46	-42.58	≤-24.46	PASS
11N20SISO	Ant1	High	2462	MCS0	-3.32	-47.57	≤-23.32	PASS
11N40SISO	Ant1	Low	2422	MCS0	-7.34	-48.93	≤-27.34	PASS
11N40SISO	Ant1	High	2452	MCS0	-6.51	-48.17	≤-26.51	PASS

Test Graphs





11G-Ant1-2412



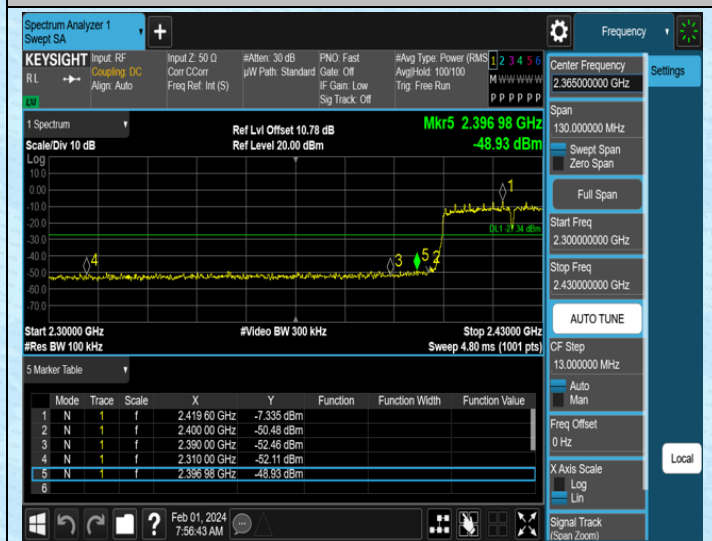
11G-Ant1-2462



11N20SISO-Ant1-2412



11N20SISO-Ant1-2462



11N40SISO-Ant1-2422



11N40SISO-Ant1-2452