

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	9.080	2407.440	2416.520	0.5	PASS
11B	Ant1	2437	1Mbps	8.120	2432.920	2441.040	0.5	PASS
11B	Ant1	2462	1Mbps	9.000	2457.480	2466.480	0.5	PASS
11G	Ant1	2412	6Mbps	15.080	2404.440	2419.520	0.5	PASS
11G	Ant1	2437	6Mbps	12.880	2430.720	2443.600	0.5	PASS
11G	Ant1	2462	6Mbps	14.480	2455.080	2469.560	0.5	PASS
11N20SISO	Ant1	2412	MCS0	15.120	2404.440	2419.560	0.5	PASS
11N20SISO	Ant1	2437	MCS0	15.000	2429.440	2444.440	0.5	PASS
11N20SISO	Ant1	2462	MCS0	16.400	2453.480	2469.880	0.5	PASS
11N40SISO	Ant1	2422	MCS0	33.840	2405.680	2439.520	0.5	PASS
11N40SISO	Ant1	2437	MCS0	35.040	2419.480	2454.520	0.5	PASS
11N40SISO	Ant1	2452	MCS0	34.960	2434.560	2469.520	0.5	PASS

Test Graphs



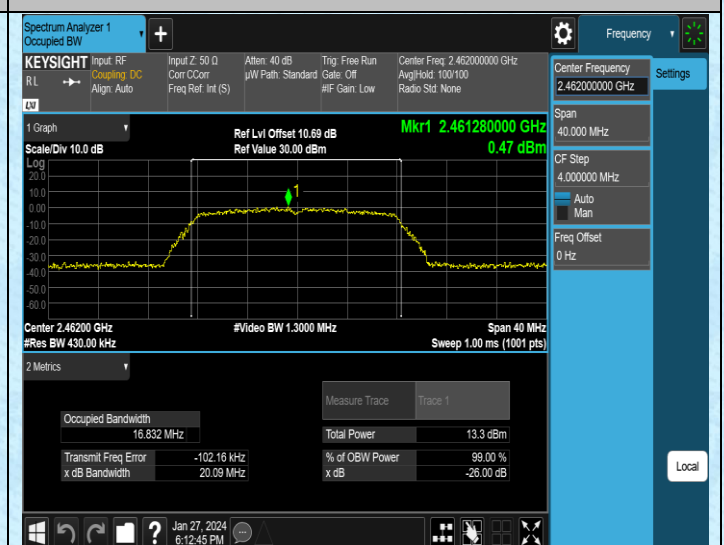
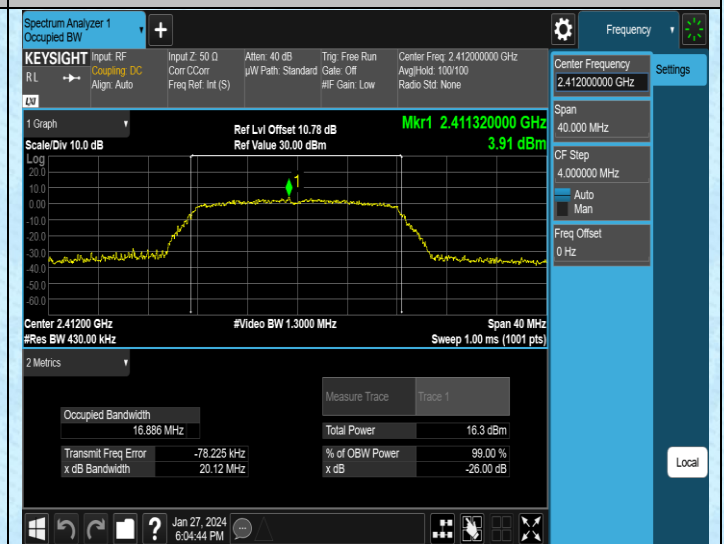
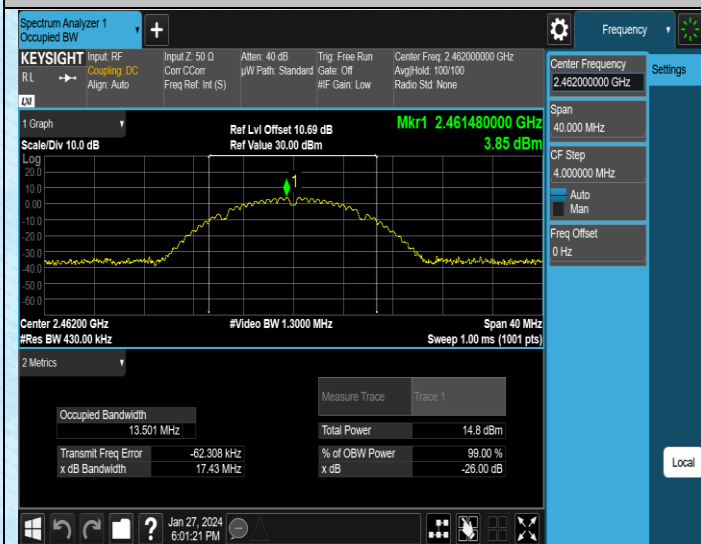
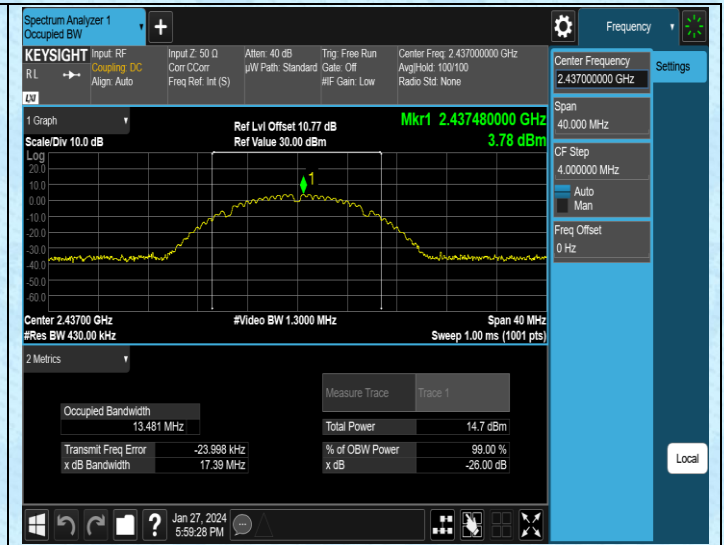
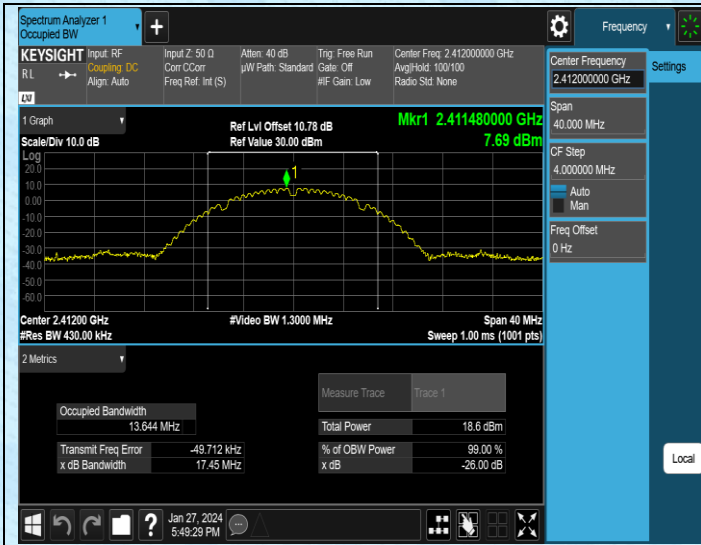


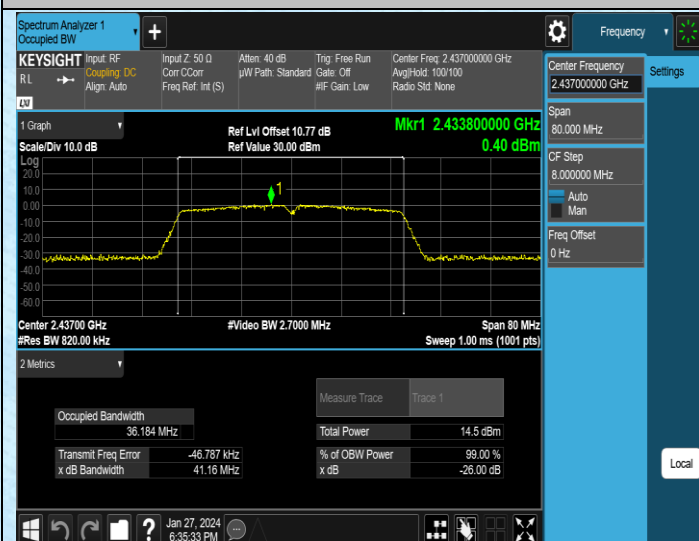
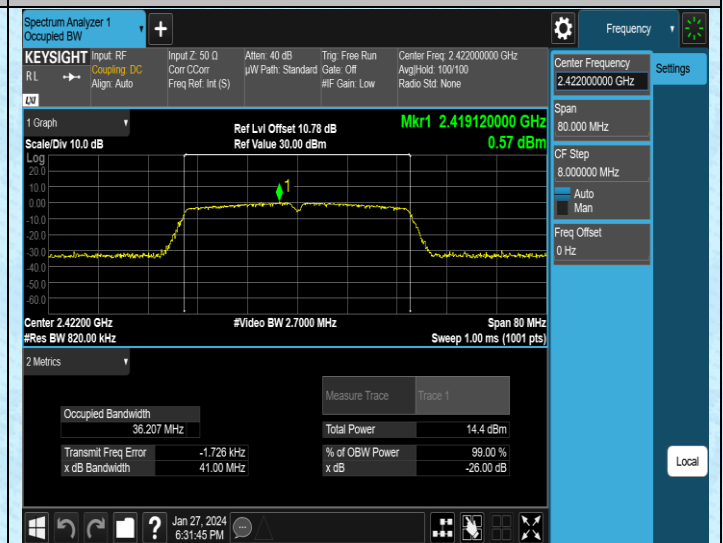
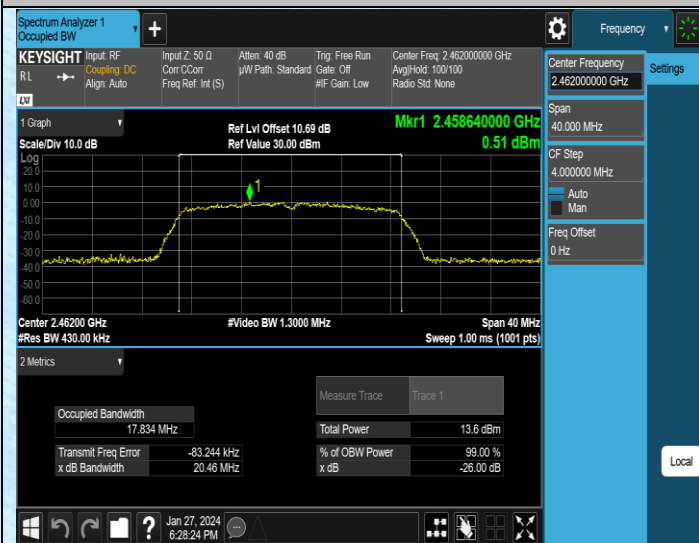
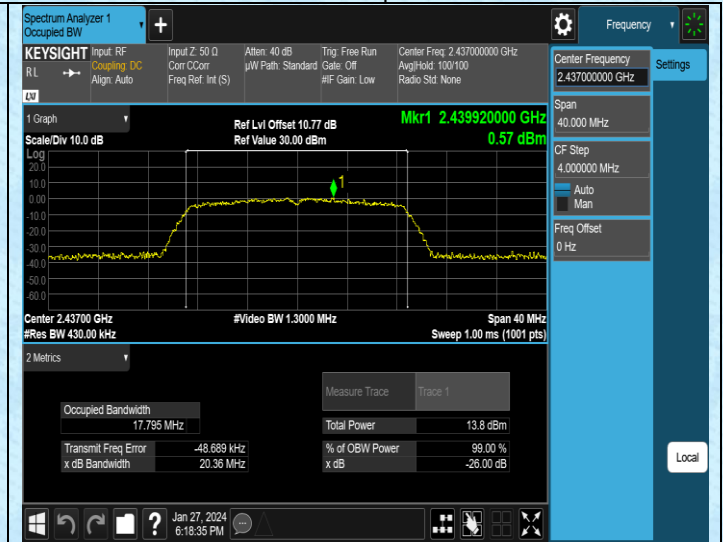
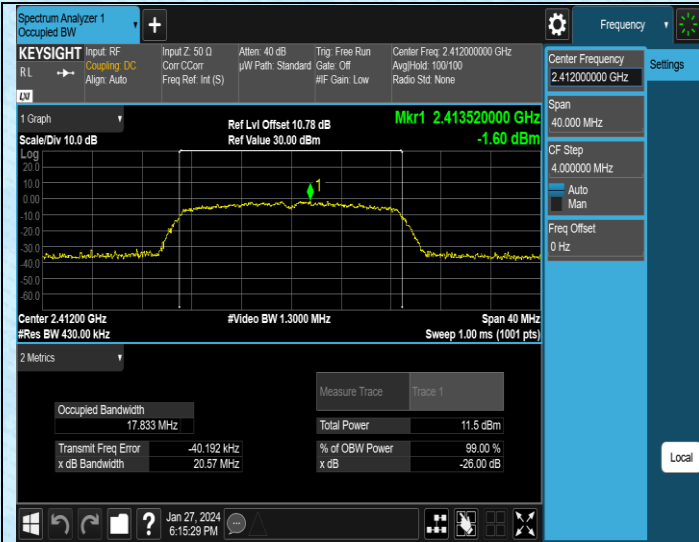
AppendixB: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	Rate	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	1Mbps	13.644	2405.1283	2418.7723	---	---
11B	Ant1	2437	1Mbps	13.481	2430.2355	2443.7165	---	---
11B	Ant1	2462	1Mbps	13.501	2455.1872	2468.6882	---	---
11G	Ant1	2412	6Mbps	16.886	2403.4788	2420.3648	---	---
11G	Ant1	2437	6Mbps	16.837	2428.5253	2445.3623	---	---
11G	Ant1	2462	6Mbps	16.832	2453.4818	2470.3138	---	---
11N20SISO	Ant1	2412	MCS0	17.833	2403.0433	2420.8763	---	---
11N20SISO	Ant1	2437	MCS0	17.795	2428.0538	2445.8488	---	---
11N20SISO	Ant1	2462	MCS0	17.834	2452.9998	2470.8338	---	---
11N40SISO	Ant1	2422	MCS0	36.207	2403.8948	2440.1018	---	---
11N40SISO	Ant1	2437	MCS0	36.184	2418.8612	2455.0452	---	---
11N40SISO	Ant1	2452	MCS0	36.141	2433.8020	2469.9430	---	---

Test Graphs





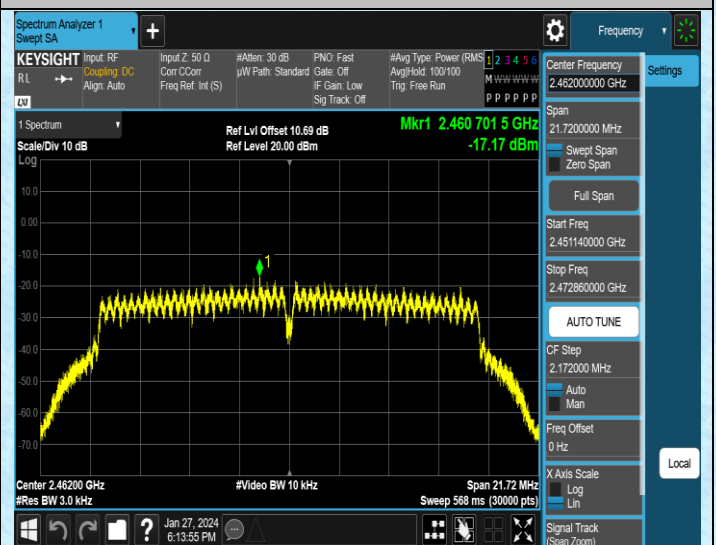
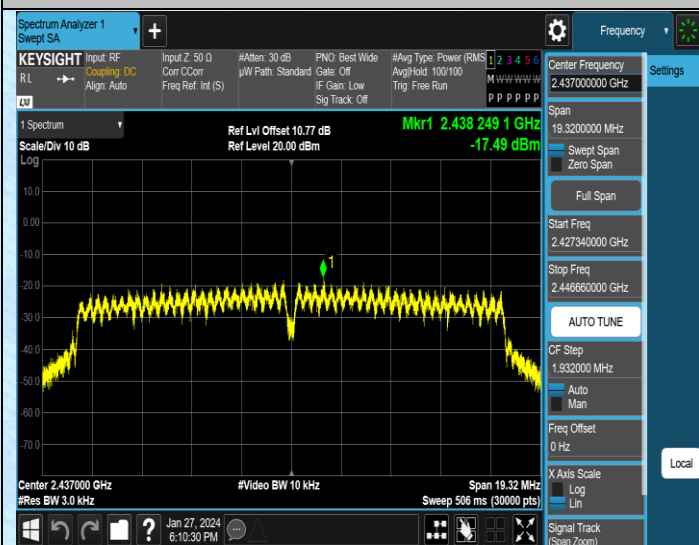
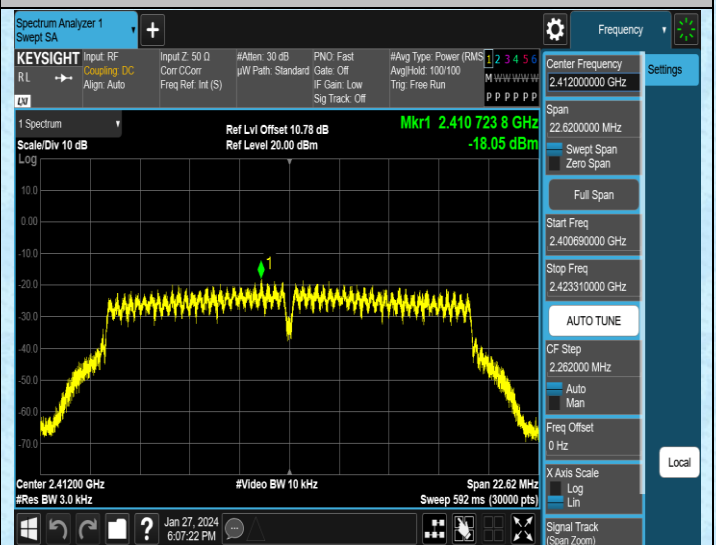
AppendixC: Maximum conducted output power**Test Result**

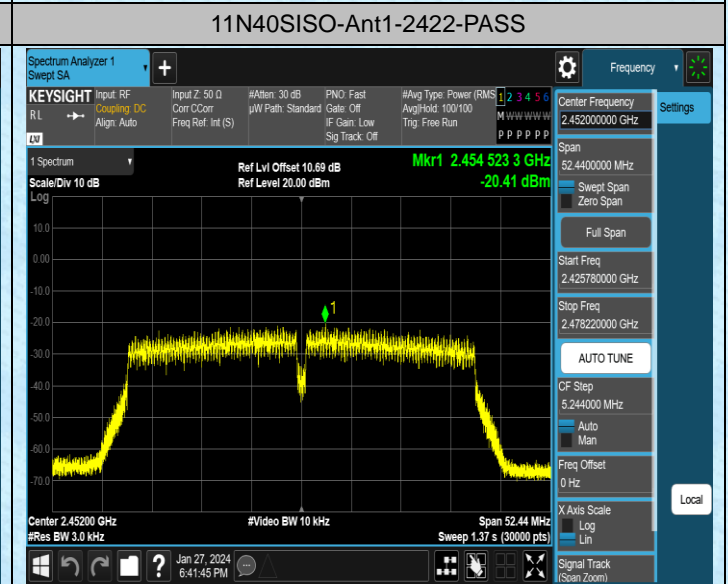
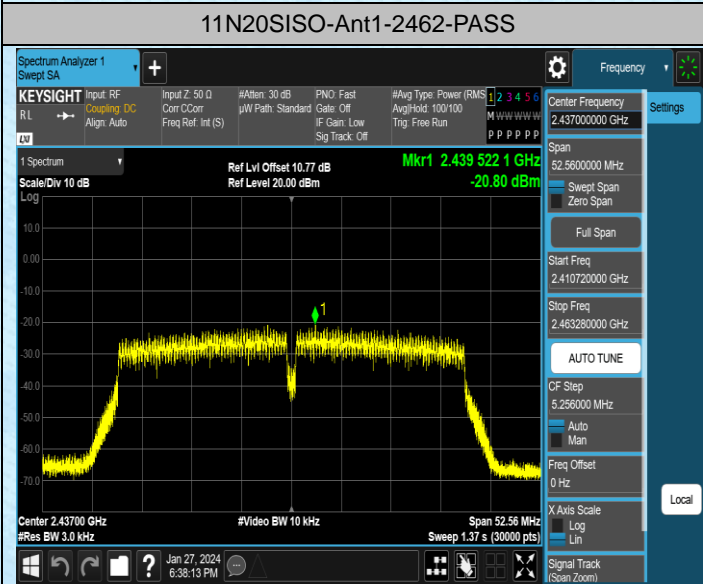
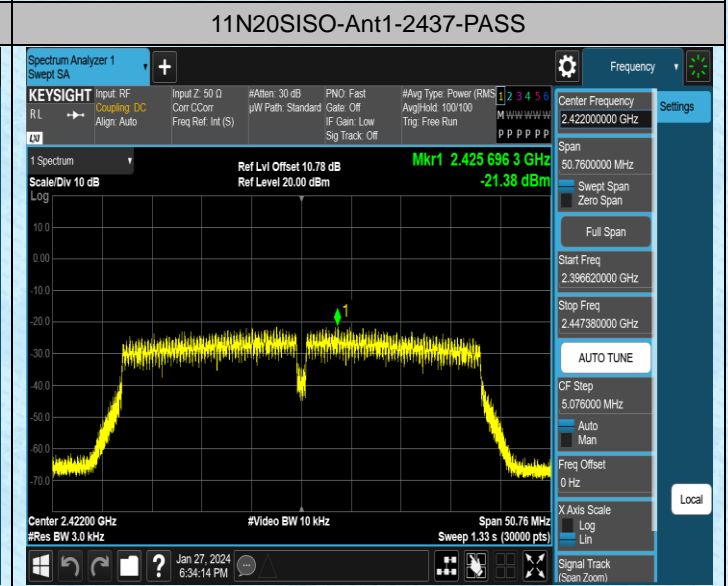
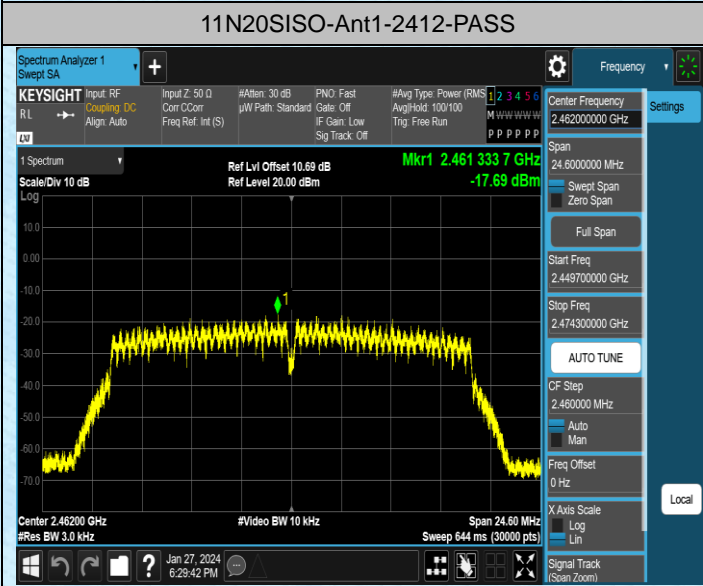
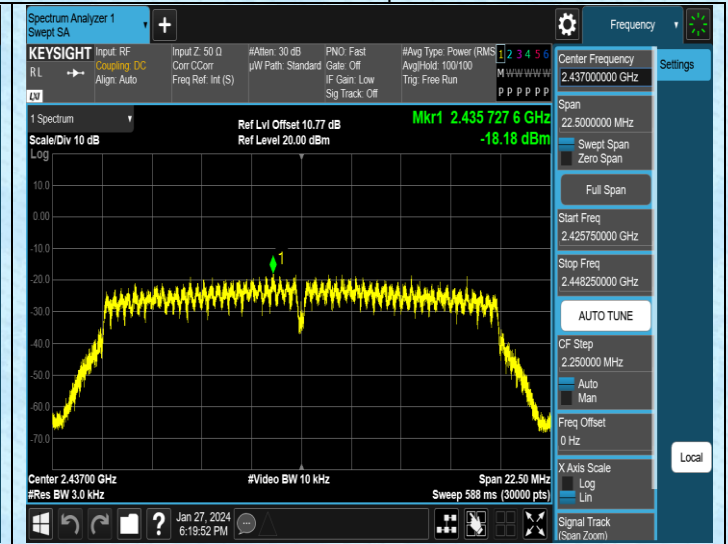
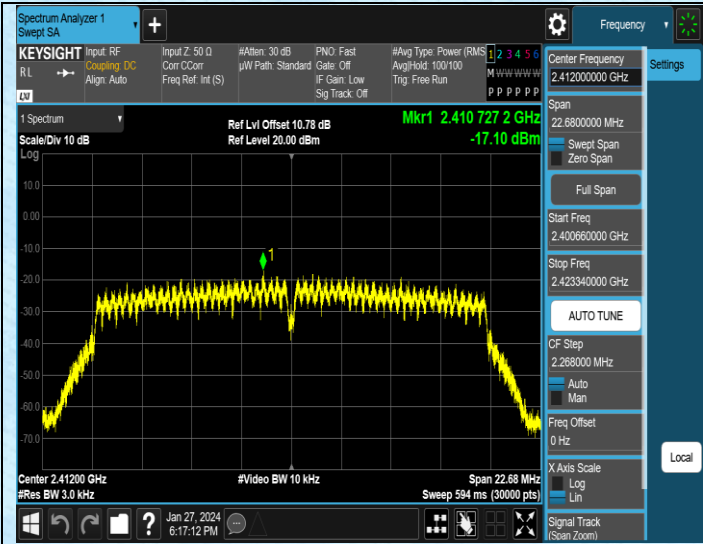
Test Mode	Antenna	FrequencyMHz]	Rate	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	1Mbps	14.30	≤30.00	PASS
11B	Ant1	2437	1Mbps	14.18	≤30.00	PASS
11B	Ant1	2462	1Mbps	14.45	≤30.00	PASS
11G	Ant1	2412	6Mbps	14.31	≤30.00	PASS
11G	Ant1	2437	6Mbps	13.90	≤30.00	PASS
11G	Ant1	2462	6Mbps	14.22	≤30.00	PASS
11N20SISO	Ant1	2412	MCS0	14.41	≤30.00	PASS
11N20SISO	Ant1	2437	MCS0	14.70	≤30.00	PASS
11N20SISO	Ant1	2462	MCS0	14.84	≤30.00	PASS
11N40SISO	Ant1	2422	MCS0	14.50	≤30.00	PASS
11N40SISO	Ant1	2437	MCS0	14.79	≤30.00	PASS
11N40SISO	Ant1	2452	MCS0	14.80	≤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	1.24	≤8.00	PASS
11B	Ant1	2437	1Mbps	1.64	≤8.00	PASS
11B	Ant1	2462	1Mbps	0.37	≤8.00	PASS
11G	Ant1	2412	6Mbps	-18.05	≤8.00	PASS
11G	Ant1	2437	6Mbps	-17.49	≤8.00	PASS
11G	Ant1	2462	6Mbps	-17.17	≤8.00	PASS
11N20SISO	Ant1	2412	MCS0	-17.10	≤8.00	PASS
11N20SISO	Ant1	2437	MCS0	-18.18	≤8.00	PASS
11N20SISO	Ant1	2462	MCS0	-17.69	≤8.00	PASS
11N40SISO	Ant1	2422	MCS0	-21.38	≤8.00	PASS
11N40SISO	Ant1	2437	MCS0	-20.80	≤8.00	PASS
11N40SISO	Ant1	2452	MCS0	-20.41	≤8.00	PASS

Test Graphs





AppendixE:Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	Rate	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	1Mbps	2.06	-46.24	≤-17.94	PASS
11B	Ant1	High	2462	1Mbps	1.97	-49.72	≤-18.03	PASS
11G	Ant1	Low	2412	6Mbps	-3.47	-46.19	≤-23.47	PASS
11G	Ant1	High	2462	6Mbps	-4.39	-48.62	≤-24.39	PASS
11N20SISO	Ant1	Low	2412	MCS0	-3.06	-45.05	≤-23.06	PASS
11N20SISO	Ant1	High	2462	MCS0	-4.80	-49.73	≤-24.8	PASS
11N40SISO	Ant1	Low	2422	MCS0	-6.07	-46.24	≤-26.07	PASS
11N40SISO	Ant1	High	2452	MCS0	-5.47	-48.73	≤-25.47	PASS

Test Graphs

