

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	11.080	2405.960	2417.040	0.5	PASS
11B	Ant1	2437	1Mbps	12.040	2430.960	2443.000	0.5	PASS
11B	Ant1	2462	1Mbps	11.080	2455.960	2467.040	0.5	PASS
11G	Ant1	2412	6Mbps	15.360	2404.200	2419.560	0.5	PASS
11G	Ant1	2437	6Mbps	15.320	2429.400	2444.720	0.5	PASS
11G	Ant1	2462	6Mbps	15.600	2454.080	2469.680	0.5	PASS
11N20SISO	Ant1	2412	MCS0	16.560	2402.960	2419.520	0.5	PASS
11N20SISO	Ant1	2437	MCS0	16.600	2429.480	2446.080	0.5	PASS
11N20SISO	Ant1	2462	MCS0	15.120	2454.400	2469.520	0.5	PASS
11N40SISO	Ant1	2422	MCS0	33.840	2405.680	2439.520	0.5	PASS
11N40SISO	Ant1	2437	MCS0	34.960	2419.480	2454.440	0.5	PASS
11N40SISO	Ant1	2452	MCS0	32.560	2435.680	2468.240	0.5	PASS

Test Graphs



11B-Ant1-2412

11B-Ant1-2437



11B-Ant1-2462



11G-Ant1-2412



11G-Ant1-2437



11G-Ant1-2462



11N20SISO-Ant1-2412



11N20SISO-Ant1-2437



11N20SISO-Ant1-2462



11N40SISO-Ant1-2422



11N40SISO-Ant1-2437



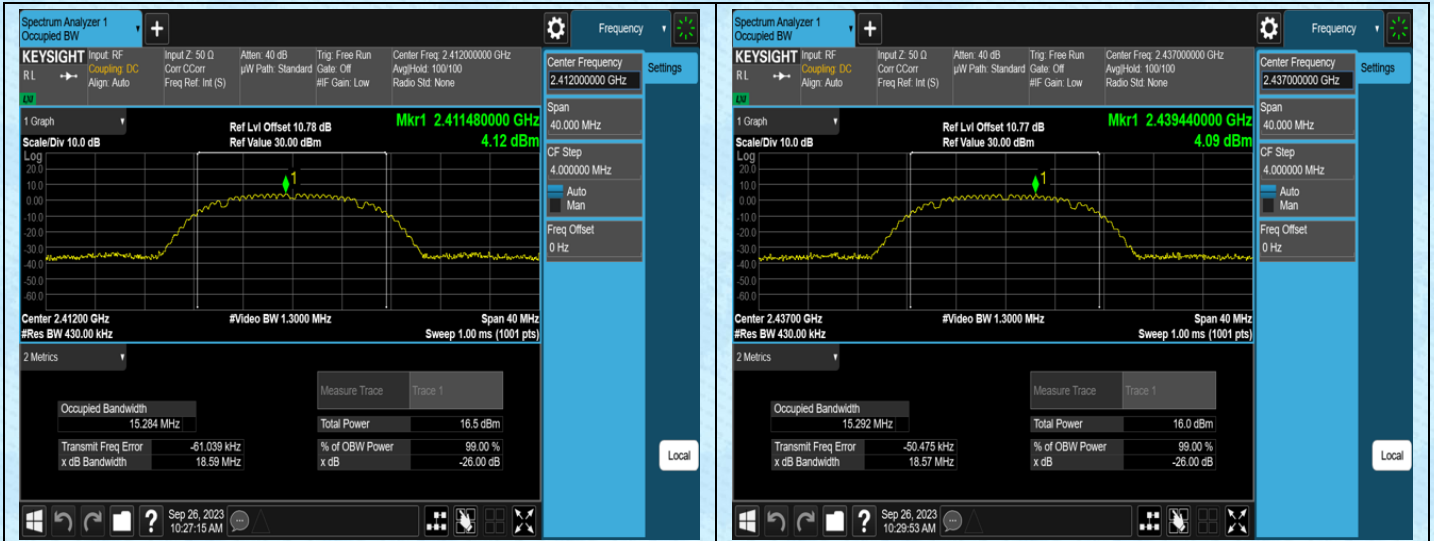
11N40SISO-Ant1-2452

AppendixB: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	ChannelFrequency[MHz]	Rate	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	1Mbps	15.284	2404.2970	2419.5810	---	---
11B	Ant1	2437	1Mbps	15.292	2429.3035	2444.5955	---	---
11B	Ant1	2462	1Mbps	15.296	2454.2927	2469.5887	---	---
11G	Ant1	2412	6Mbps	17.261	2403.3639	2420.6249	---	---
11G	Ant1	2437	6Mbps	17.281	2428.2828	2445.5638	---	---
11G	Ant1	2462	6Mbps	17.220	2453.3440	2470.5640	---	---
11N20SISO	Ant1	2412	MCS0	17.943	2403.0587	2421.0017	---	---
11N20SISO	Ant1	2437	MCS0	18.106	2427.8808	2445.9868	---	---
11N20SISO	Ant1	2462	MCS0	17.843	2453.1720	2471.0150	---	---
11N40SISO	Ant1	2422	MCS0	35.643	2404.1146	2439.7576	---	---
11N40SISO	Ant1	2437	MCS0	35.644	2419.1463	2454.7903	---	---
11N40SISO	Ant1	2452	MCS0	35.694	2434.1198	2469.8138	---	---

Test Graphs



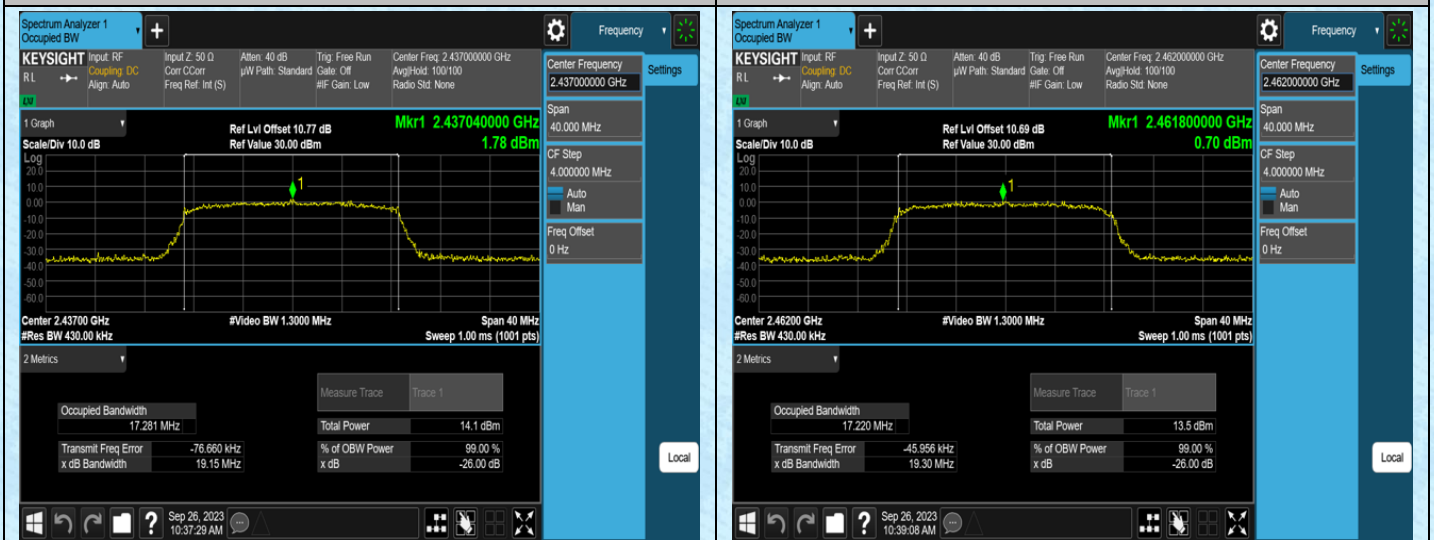
11B-Ant1-2412

11B-Ant1-2437



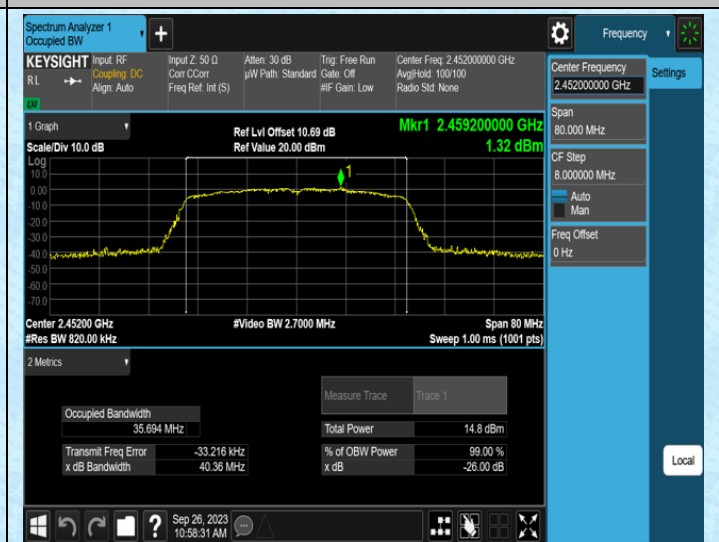
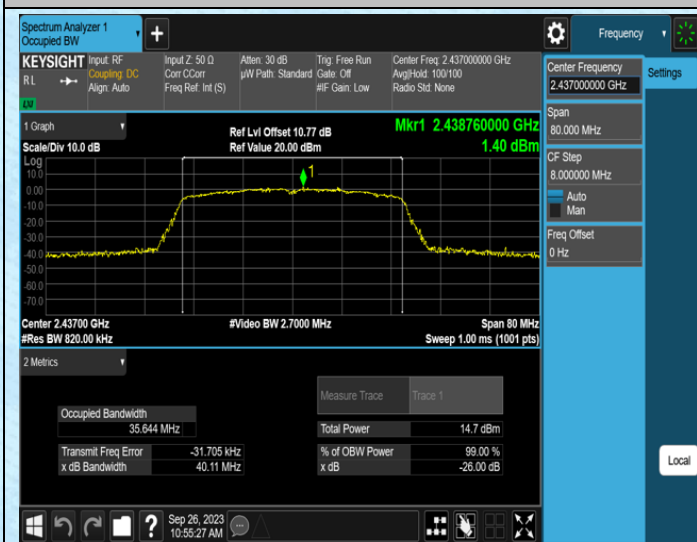
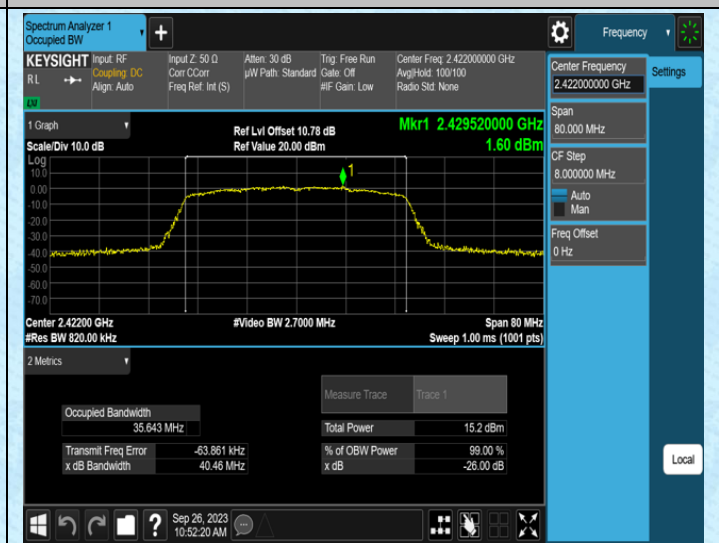
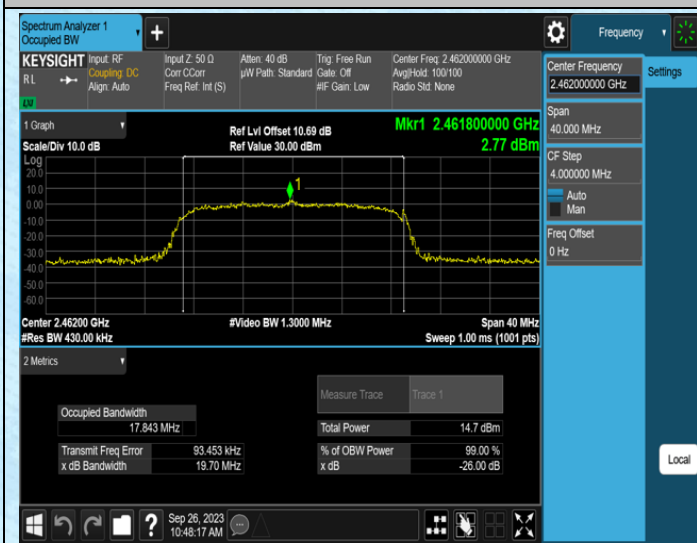
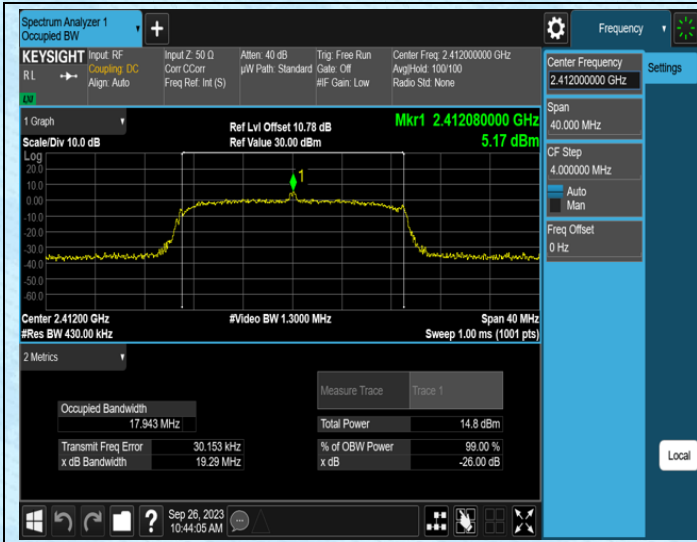
11B-Ant1-2462

11G-Ant1-2412



11G-Ant1-2437

11G-Ant1-2462



AppendixC: Maximum conducted output power

Test Result Peak

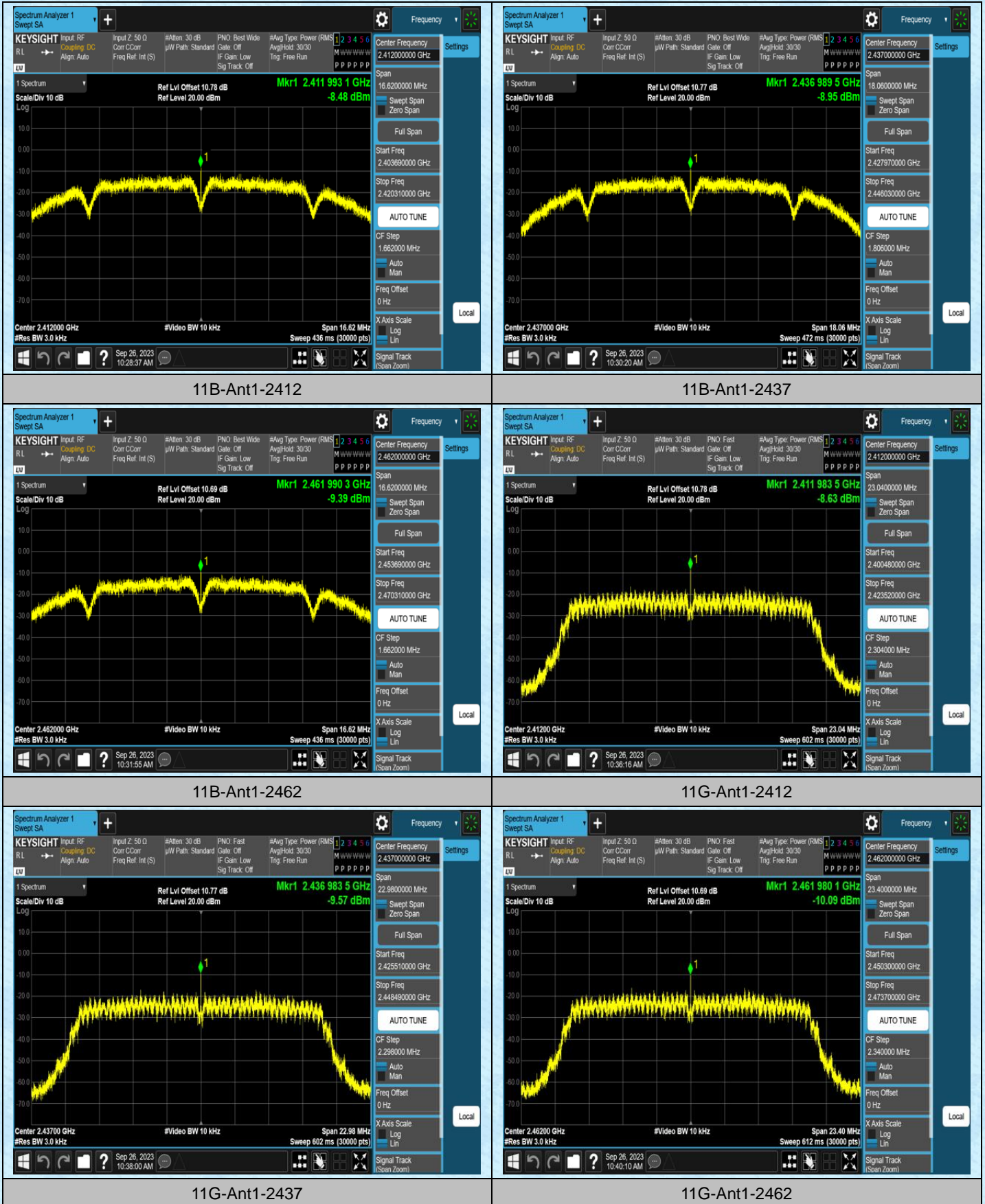
Test Mode	Antenna	Frequency [MHz]	Rate	Peak Power [dBm]	Conducted Limit[dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	1Mbps	16.26	≤30.00	2.21	18.47	--	PASS
11B	Ant1	2437	1Mbps	15.83	≤30.00	2.21	18.04	--	PASS
11B	Ant1	2462	1Mbps	16.58	≤30.00	2.21	18.79	--	PASS
11G	Ant1	2412	6Mbps	15.72	≤30.00	2.21	17.93	--	PASS
11G	Ant1	2437	6Mbps	14.99	≤30.00	2.21	17.20	--	PASS
11G	Ant1	2462	6Mbps	15.91	≤30.00	2.21	18.12	--	PASS
11N20SISO	Ant1	2412	MCS0	15.60	≤30.00	2.21	17.81	--	PASS
11N20SISO	Ant1	2437	MCS0	14.79	≤30.00	2.21	17.00	--	PASS
11N20SISO	Ant1	2462	MCS0	15.52	≤30.00	2.21	17.73	--	PASS
11N40SISO	Ant1	2422	MCS0	15.44	≤30.00	2.21	17.65	--	PASS
11N40SISO	Ant1	2437	MCS0	15.10	≤30.00	2.21	17.31	--	PASS
11N40SISO	Ant1	2452	MCS0	14.99	≤30.00	2.21	17.20	--	PASS

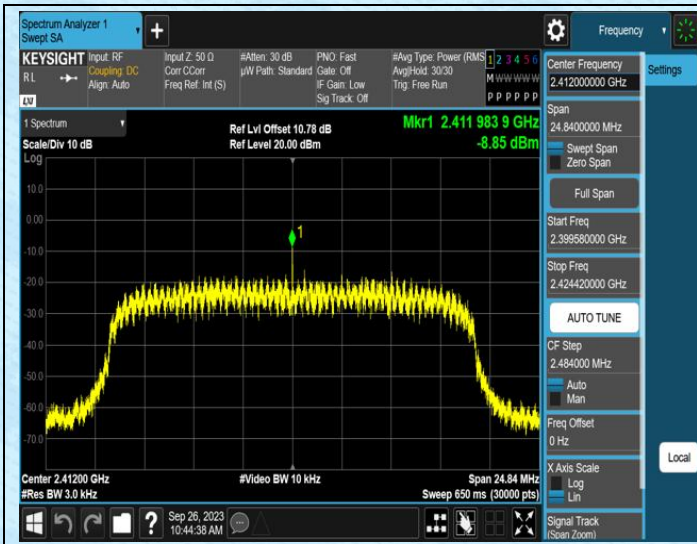
AppendixD: Maximum power spectral density

Test Result

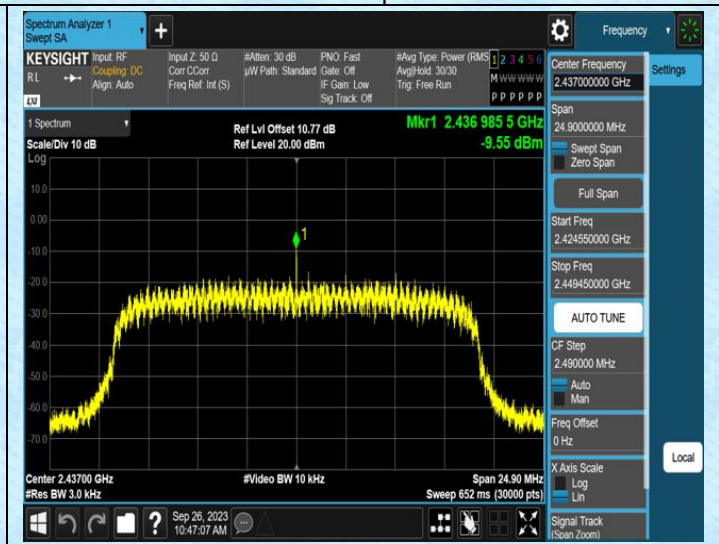
Test Mode	Antenna	Frequency [MHz]	Rate	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	1Mbps	-8.48	≤8.00	PASS
11B	Ant1	2437	1Mbps	-8.95	≤8.00	PASS
11B	Ant1	2462	1Mbps	-9.39	≤8.00	PASS
11G	Ant1	2412	6Mbps	-8.63	≤8.00	PASS
11G	Ant1	2437	6Mbps	-9.57	≤8.00	PASS
11G	Ant1	2462	6Mbps	-10.09	≤8.00	PASS
11N20SISO	Ant1	2412	MCS0	-8.85	≤8.00	PASS
11N20SISO	Ant1	2437	MCS0	-9.55	≤8.00	PASS
11N20SISO	Ant1	2462	MCS0	-10.12	≤8.00	PASS
11N40SISO	Ant1	2422	MCS0	-8.83	≤8.00	PASS
11N40SISO	Ant1	2437	MCS0	-9.21	≤8.00	PASS
11N40SISO	Ant1	2452	MCS0	-10.23	≤8.00	PASS

Test Graphs





11N20SISO-Ant1-2412



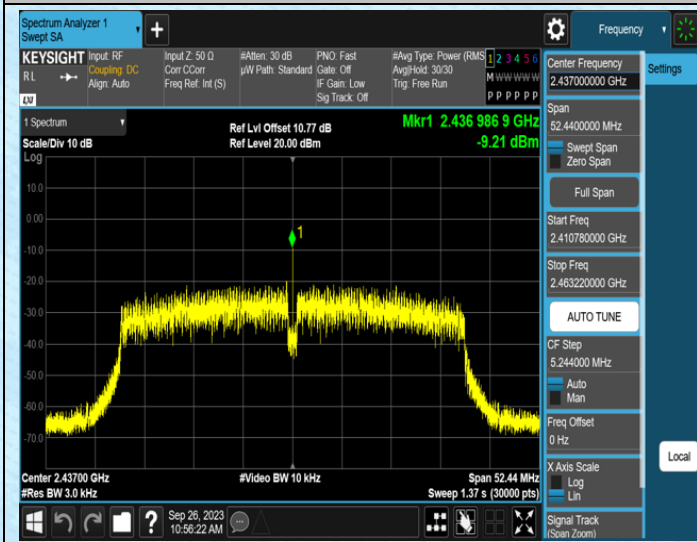
11N20SISO-Ant1-2437



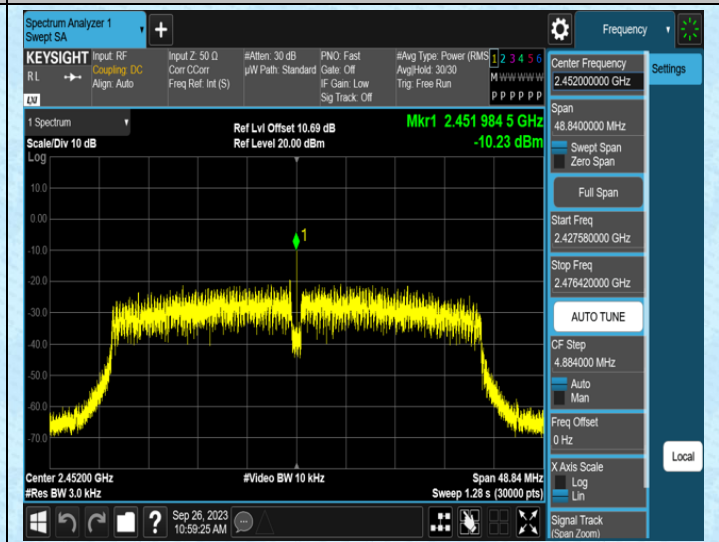
11N20SISO-Ant1-2462



11N40SISO-Ant1-2422



11N40SISO-Ant1-2437



11N40SISO-Ant1-2452

AppendixE:Band edge measurements

Test Result

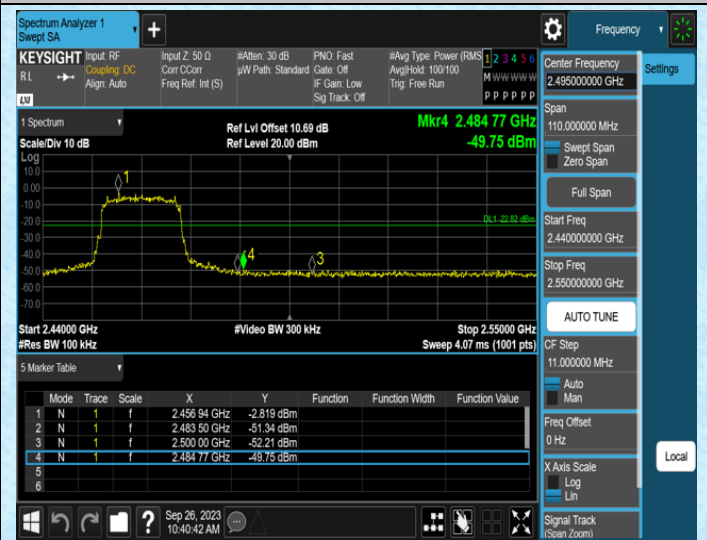
Test Mode	Antenna	ChName	Frequency [MHz]	Rate	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	1Mbps	2.93	-43.05	≤-17.07	PASS
11B	Ant1	High	2462	1Mbps	3.13	-48.87	≤-16.87	PASS
11G	Ant1	Low	2412	6Mbps	-3.05	-44.53	≤-23.05	PASS
11G	Ant1	High	2462	6Mbps	-2.82	-49.75	≤-22.82	PASS
11N20SISO	Ant1	Low	2412	MCS0	-2.37	-45.95	≤-22.37	PASS
11N20SISO	Ant1	High	2462	MCS0	-0.58	-49.32	≤-20.58	PASS
11N40SISO	Ant1	Low	2422	MCS0	-5.20	-44.51	≤-25.2	PASS
11N40SISO	Ant1	High	2452	MCS0	-5.77	-47.42	≤-25.77	PASS

Test Graphs



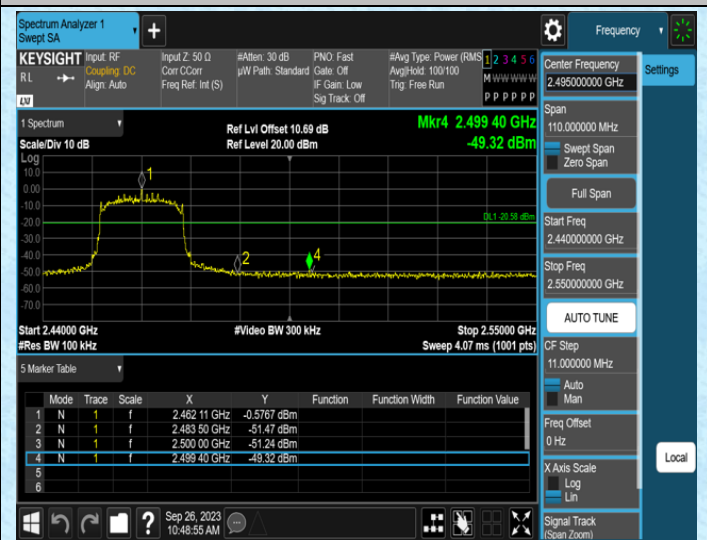
11B-Ant1-2412

11B-Ant1-2462



11G-Ant1-2412

11G-Ant1-2462



11N20SISO-Ant1-2412

11N20SISO-Ant1-2462