

AppendixC: Maximum conducted output power

Test Result Peak

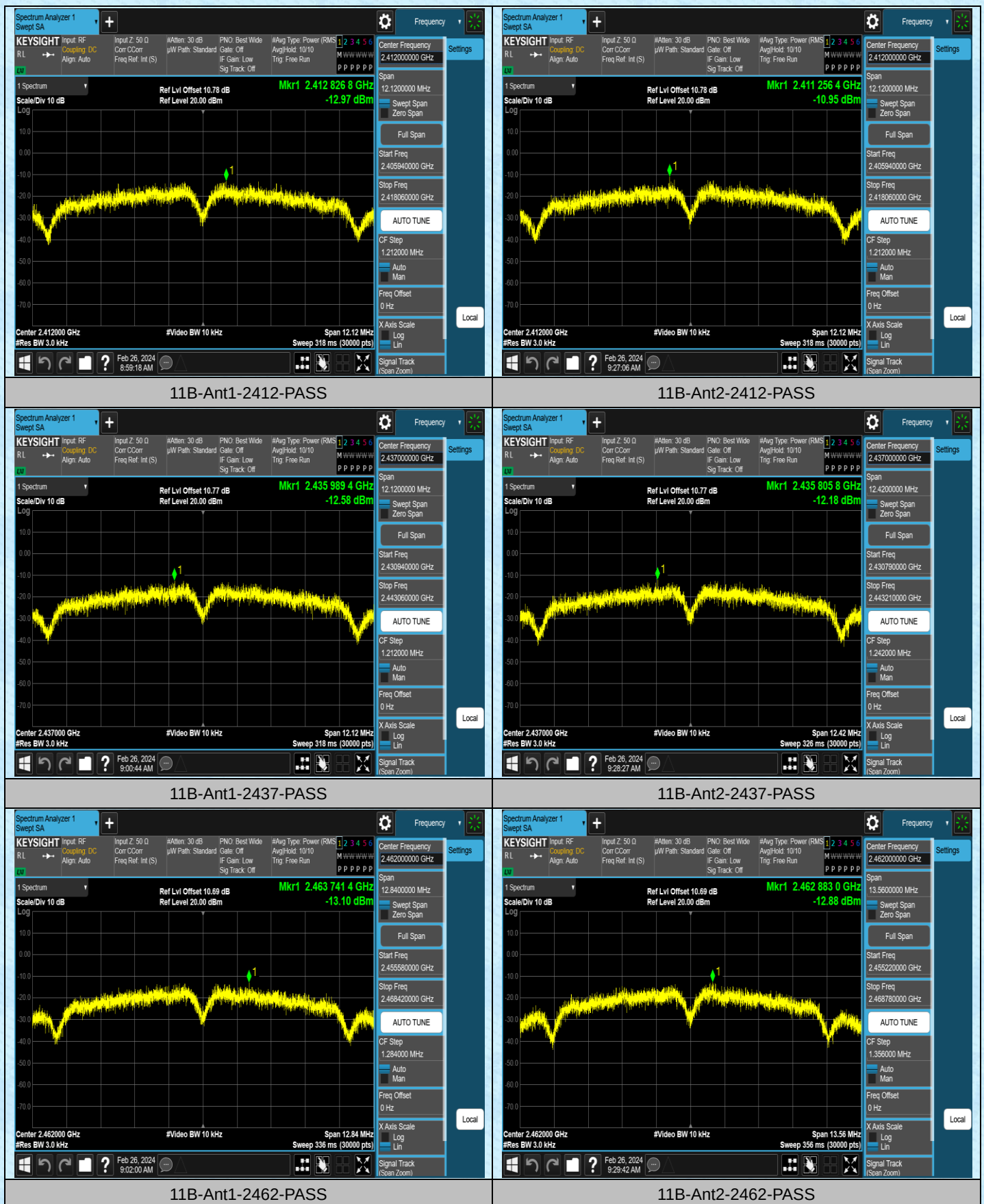
Test Mode	Antenna	Frequency [MHz]	Rate	Peak Power[dBm]	Conducted Limit[dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	1Mbps	12.48	≤30.00	5.50	17.98	≤36.00	PASS
11B	Ant2	2412	1Mbps	12.42	≤30.00	5.60	18.02	≤36.00	PASS
11B	Ant1	2437	1Mbps	12.93	≤30.00	5.50	18.43	≤36.00	PASS
11B	Ant2	2437	1Mbps	12.75	≤30.00	5.60	18.35	≤36.00	PASS
11B	Ant1	2462	1Mbps	12.67	≤30.00	5.50	18.17	≤36.00	PASS
11B	Ant2	2462	1Mbps	12.60	≤30.00	5.60	18.20	≤36.00	PASS
11G	Ant1	2412	6Mbps	11.82	≤30.00	5.50	17.32	≤36.00	PASS
11G	Ant2	2412	6Mbps	11.67	≤30.00	5.60	17.27	≤36.00	PASS
11G	Ant1	2437	6Mbps	11.77	≤30.00	5.50	17.27	≤36.00	PASS
11G	Ant2	2437	6Mbps	11.77	≤30.00	5.60	17.37	≤36.00	PASS
11G	Ant1	2462	6Mbps	11.86	≤30.00	5.50	17.36	≤36.00	PASS
11G	Ant2	2462	6Mbps	11.64	≤30.00	5.60	17.24	≤36.00	PASS
11N20SISO	Ant1	2412	MCS0	11.52	≤30.00	5.50	17.02	≤36.00	PASS
11N20SISO	Ant2	2412	MCS0	11.58	≤30.00	5.60	17.18	≤36.00	PASS
11N20SISO	Ant1	2437	MCS0	11.60	≤30.00	5.50	17.10	≤36.00	PASS
11N20SISO	Ant2	2437	MCS0	11.68	≤30.00	5.60	17.28	≤36.00	PASS
11N20SISO	Ant1	2462	MCS0	11.72	≤30.00	5.50	17.22	≤36.00	PASS
11N20SISO	Ant2	2462	MCS0	11.54	≤30.00	5.60	17.14	≤36.00	PASS
11N20MIMO	Ant1	2412	MCS0	6.70	≤30.00	5.50	12.20	≤36.00	PASS
11N20MIMO	Ant2	2412	MCS0	6.85	≤30.00	5.60	12.45	≤36.00	PASS
11N20MIMO	total	2412	MCS0	9.79	≤27.44	8.56	18.35	≤36.00	PASS
11N20MIMO	Ant1	2437	MCS0	6.59	≤30.00	5.50	12.09	≤36.00	PASS
11N20MIMO	Ant2	2437	MCS0	7.08	≤30.00	5.60	12.68	≤36.00	PASS
11N20MIMO	total	2437	MCS0	9.85	≤27.44	8.56	18.41	≤36.00	PASS
11N20MIMO	Ant1	2462	MCS0	5.54	≤30.00	5.50	11.04	≤36.00	PASS
11N20MIMO	Ant2	2462	MCS0	6.84	≤30.00	5.60	12.44	≤36.00	PASS
11N20MIMO	total	2462	MCS0	9.25	≤27.44	8.56	17.81	≤36.00	PASS

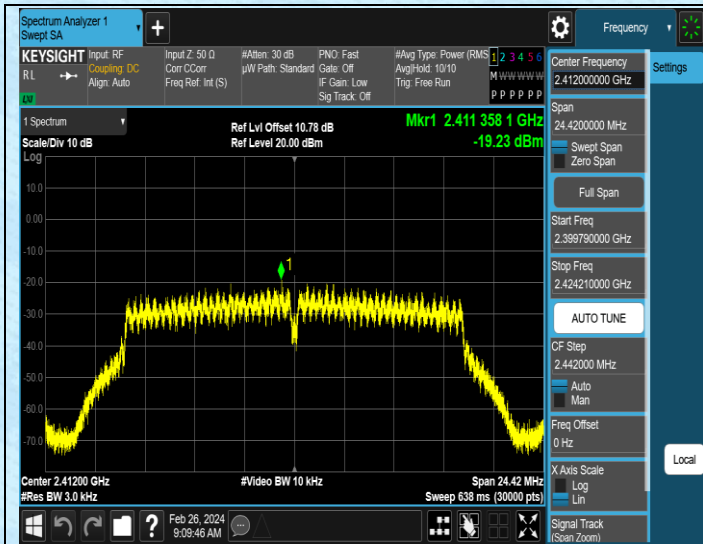
AppendixD: Maximum power spectral density

Test Result

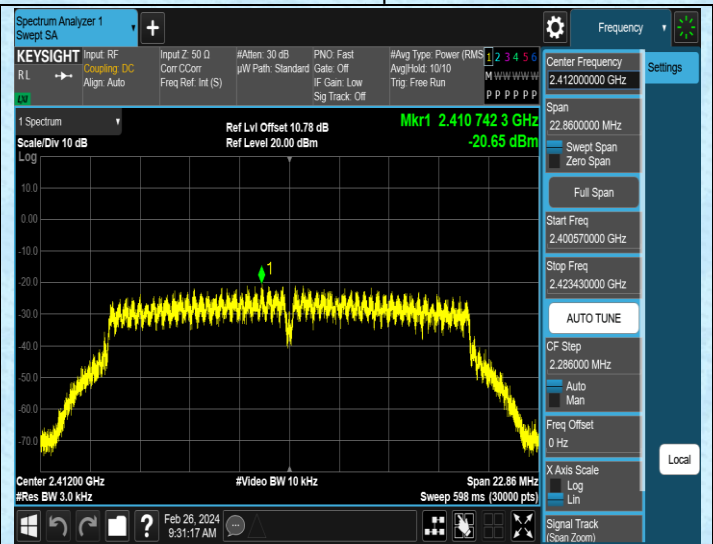
Test Mode	Antenna	Frequency[MHz]	Rate	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	1Mbps	-12.98	≤8.00	PASS
11B	Ant2	2412	1Mbps	-10.95	≤8.00	PASS
11B	Ant1	2437	1Mbps	-12.58	≤8.00	PASS
11B	Ant2	2437	1Mbps	-12.18	≤8.00	PASS
11B	Ant1	2462	1Mbps	-13.1	≤8.00	PASS
11B	Ant2	2462	1Mbps	-12.88	≤8.00	PASS
11G	Ant1	2412	6Mbps	-19.23	≤8.00	PASS
11G	Ant2	2412	6Mbps	-20.66	≤8.00	PASS
11G	Ant1	2437	6Mbps	-19.93	≤8.00	PASS
11G	Ant2	2437	6Mbps	-20.32	≤8.00	PASS
11G	Ant1	2462	6Mbps	-19.46	≤8.00	PASS
11G	Ant2	2462	6Mbps	-19.34	≤8.00	PASS
11N20SISO	Ant1	2412	MCS0	-20.3	≤8.00	PASS
11N20SISO	Ant2	2412	MCS0	-21.27	≤8.00	PASS
11N20SISO	Ant1	2437	MCS0	-20.05	≤8.00	PASS
11N20SISO	Ant2	2437	MCS0	-19.3	≤8.00	PASS
11N20SISO	Ant1	2462	MCS0	-20.42	≤8.00	PASS
11N20SISO	Ant2	2462	MCS0	-20.07	≤8.00	PASS
11N20MIMO	Ant1	2412	MCS0	-25.53	≤8.00	PASS
11N20MIMO	Ant2	2412	MCS0	-25.3	≤8.00	PASS
11N20MIMO	total	2412	MCS0	-22.40	≤8.00	PASS
11N20MIMO	Ant1	2437	MCS0	-25.21	≤8.00	PASS
11N20MIMO	Ant2	2437	MCS0	-23.2	≤8.00	PASS
11N20MIMO	total	2437	MCS0	-21.08	≤8.00	PASS
11N20MIMO	Ant1	2462	MCS0	-25.58	≤8.00	PASS
11N20MIMO	Ant2	2462	MCS0	-24.36	≤8.00	PASS
11N20MIMO	total	2462	MCS0	-21.92	≤8.00	PASS

Test Graphs

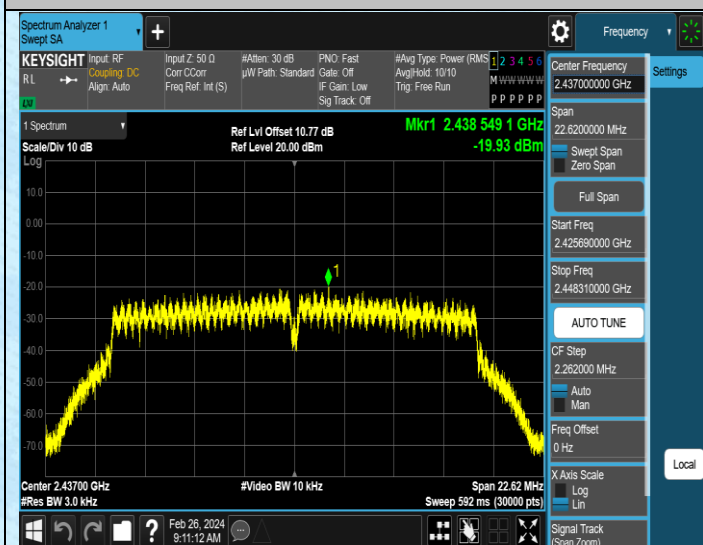




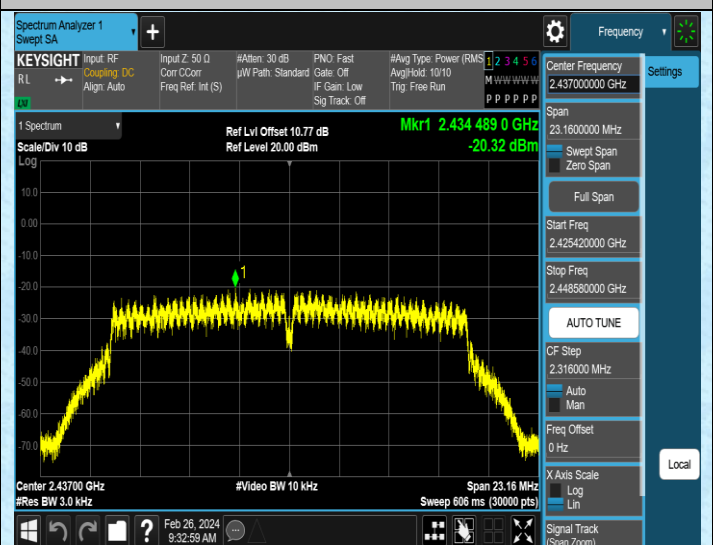
11G-Ant1-2412-PASS



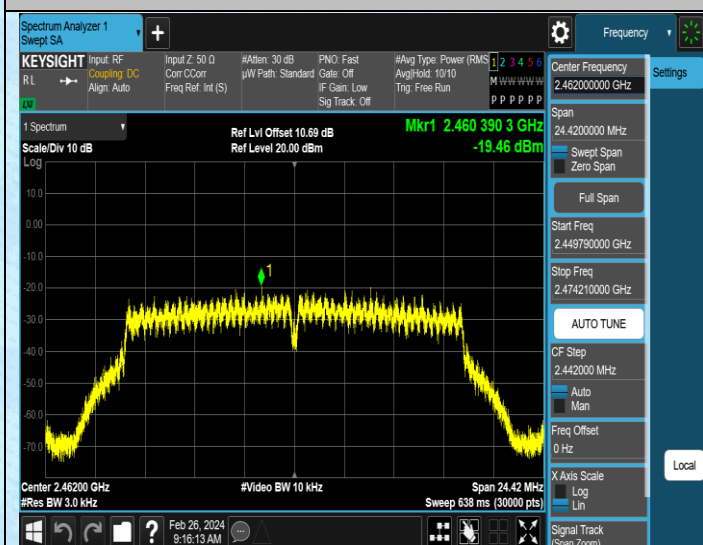
11G-Ant2-2412-PASS



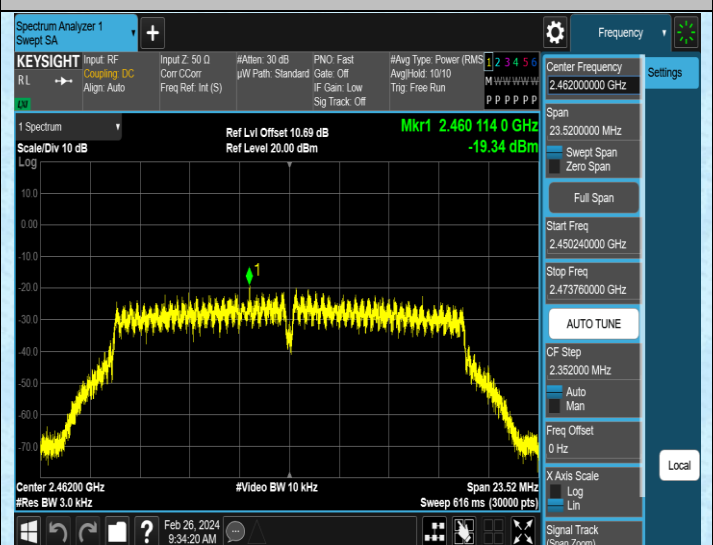
11G-Ant1-2437-PASS



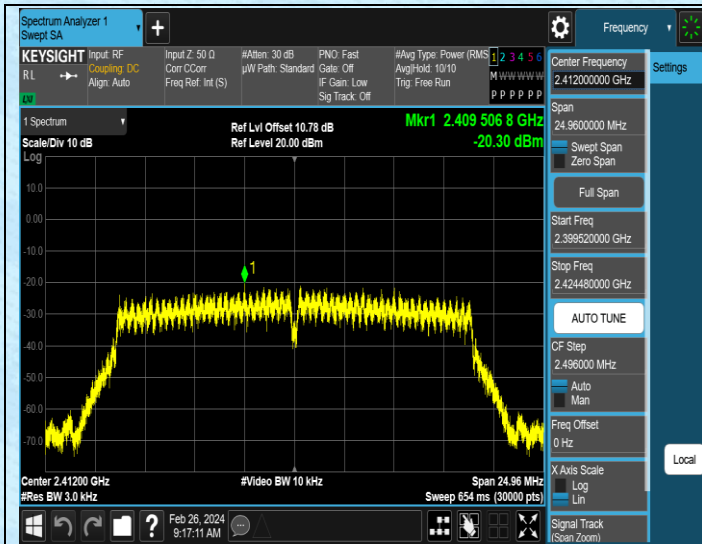
11G-Ant2-2437-PASS



11G-Ant1-2462-PASS



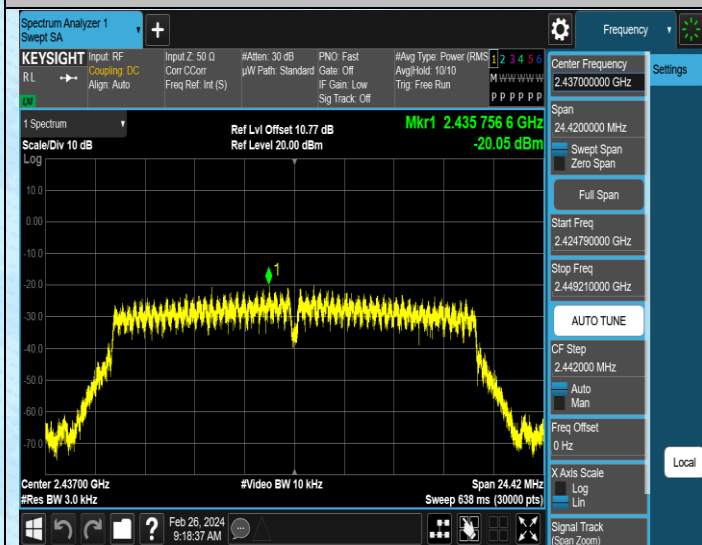
11G-Ant2-2462-PASS



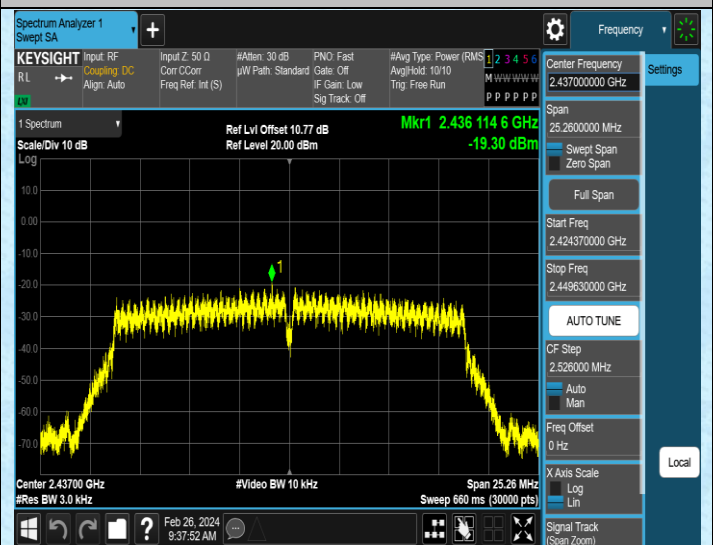
11N20SISO-Ant1-2412-PASS



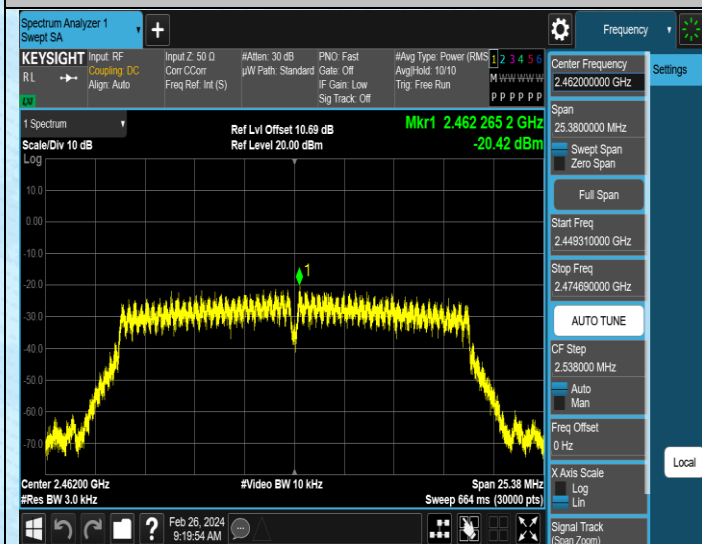
11N20SISO-Ant2-2412-PASS



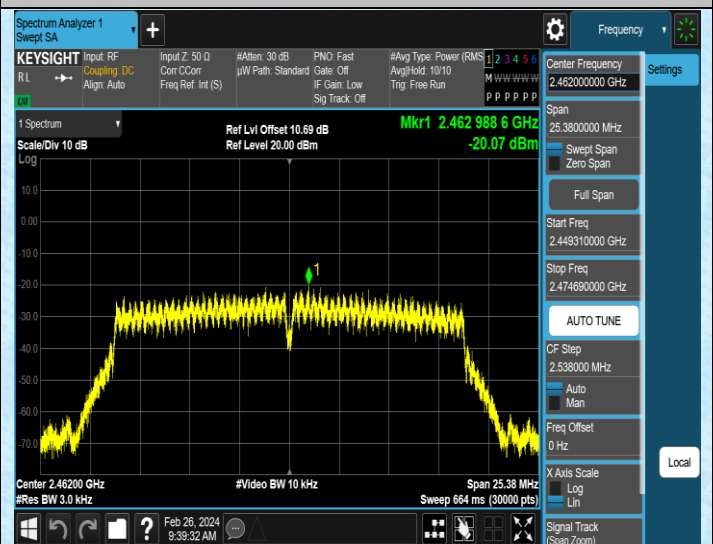
11N20SISO-Ant1-2437-PASS



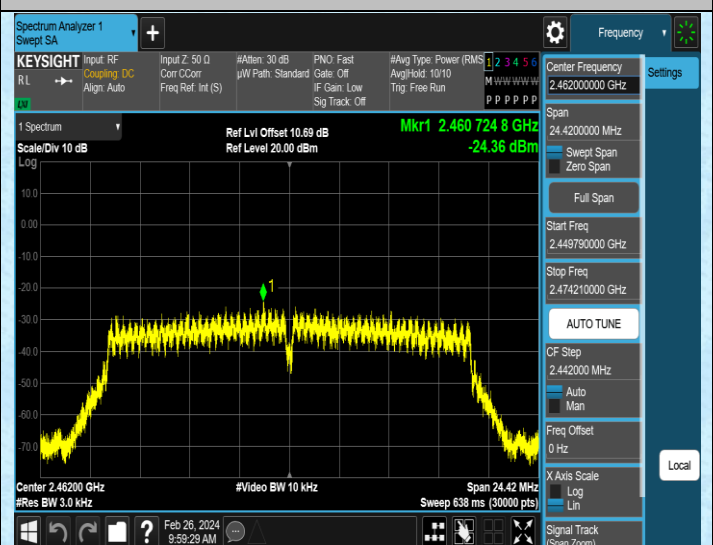
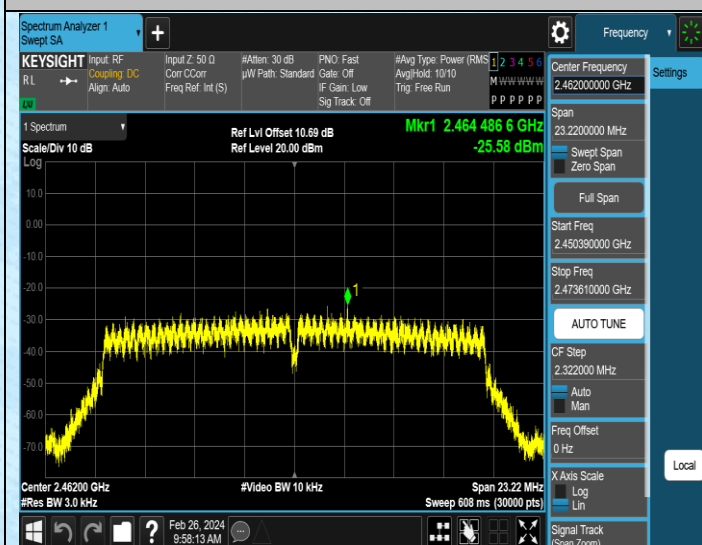
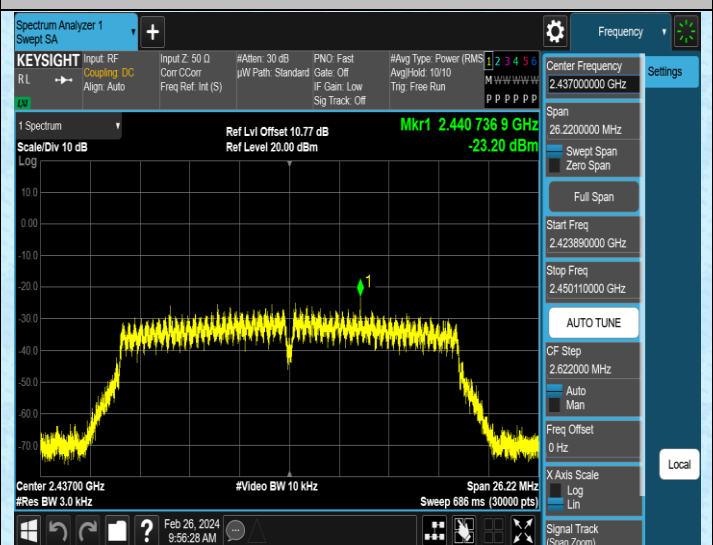
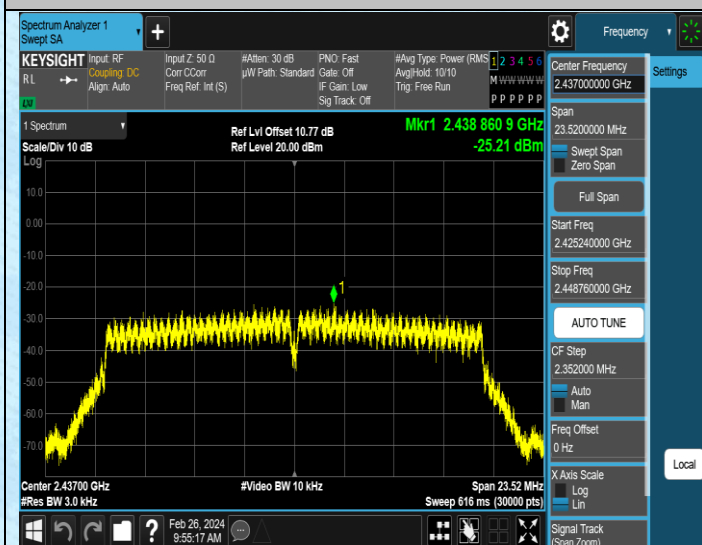
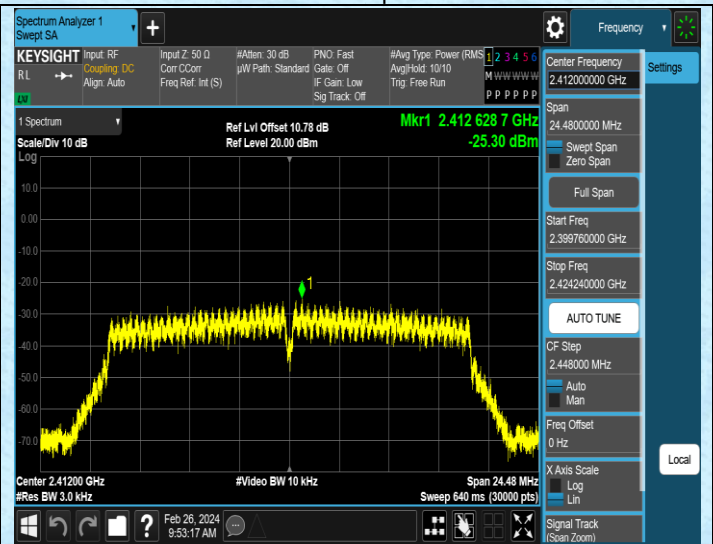
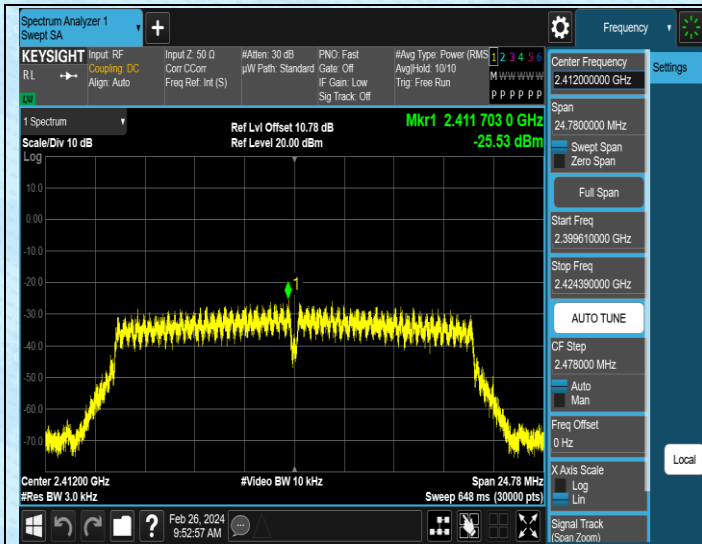
11N20SISO-Ant2-2437-PASS



11N20SISO-Ant1-2462-PASS



11N20SISO-Ant2-2462-PASS

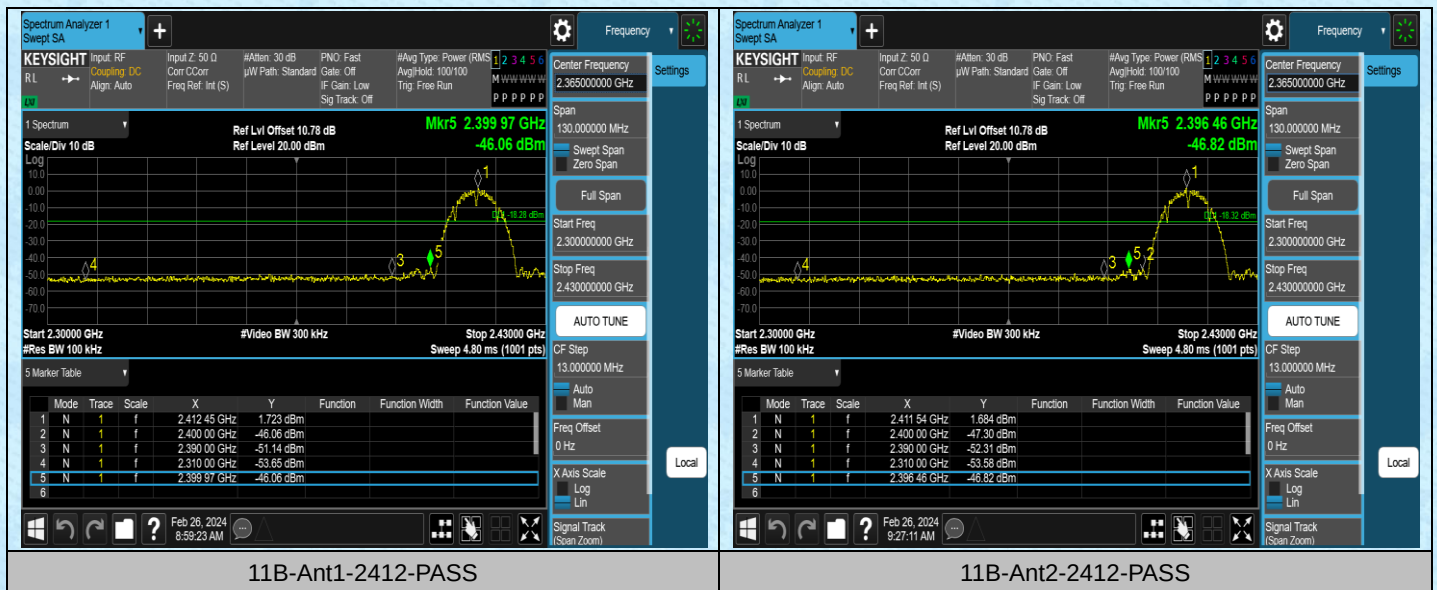


AppendixF:Band edge measurements

Test Result

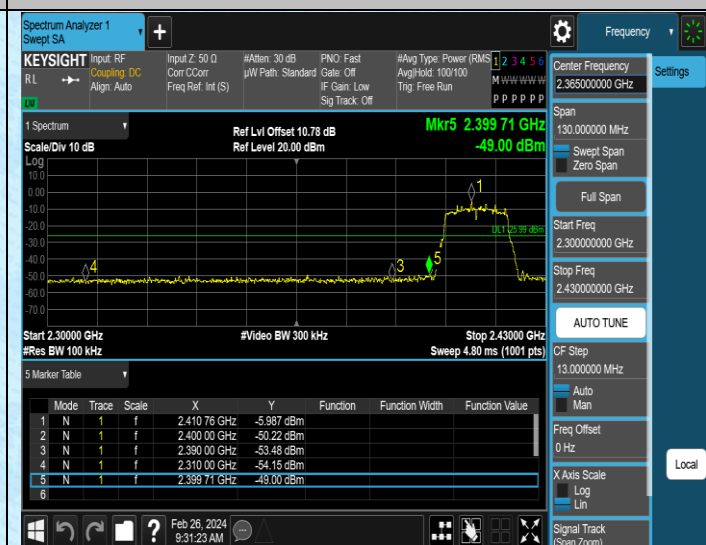
Test Mode	Antenna	ChName	Frequency[MHz]	Rate	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	1Mbps	1.72	-46.07	≤-18.28	PASS
11B	Ant2	Low	2412	1Mbps	1.68	-46.82	≤-18.32	PASS
11B	Ant1	High	2462	1Mbps	0.75	-48.45	≤-19.25	PASS
11B	Ant2	High	2462	1Mbps	1.50	-50.08	≤-18.5	PASS
11G	Ant1	Low	2412	6Mbps	-7.94	-47.08	≤-27.94	PASS
11G	Ant2	Low	2412	6Mbps	-5.99	-49	≤-25.99	PASS
11G	Ant1	High	2462	6Mbps	-6.09	-49.55	≤-26.09	PASS
11G	Ant2	High	2462	6Mbps	-7.33	-49.46	≤-27.33	PASS
11N20SISO	Ant1	Low	2412	MCS0	-6.37	-48.78	≤-26.37	PASS
11N20SISO	Ant2	Low	2412	MCS0	-6.17	-47.93	≤-26.17	PASS
11N20SISO	Ant1	High	2462	MCS0	-6.95	-49.16	≤-26.95	PASS
11N20SISO	Ant2	High	2462	MCS0	-6.54	-50.08	≤-26.54	PASS
11N20MIMO	Ant1	Low	2412	MCS0	-10.06	-50.17	≤-30.06	PASS
11N20MIMO	Ant2	Low	2412	MCS0	-11.45	-48.94	≤-31.45	PASS
11N20MIMO	Ant1	High	2462	MCS0	-11.75	-49.9	≤-31.75	PASS
11N20MIMO	Ant2	High	2462	MCS0	-12.35	-49.48	≤-32.35	PASS

Test Graphs





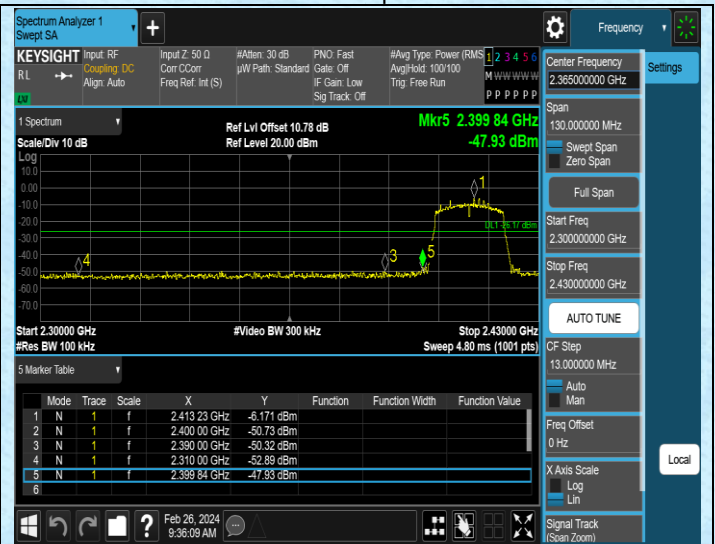
11B-Ant2-2462-PASS



11G-Ant2-2412-PASS



11G-Ant2-2462-PASS



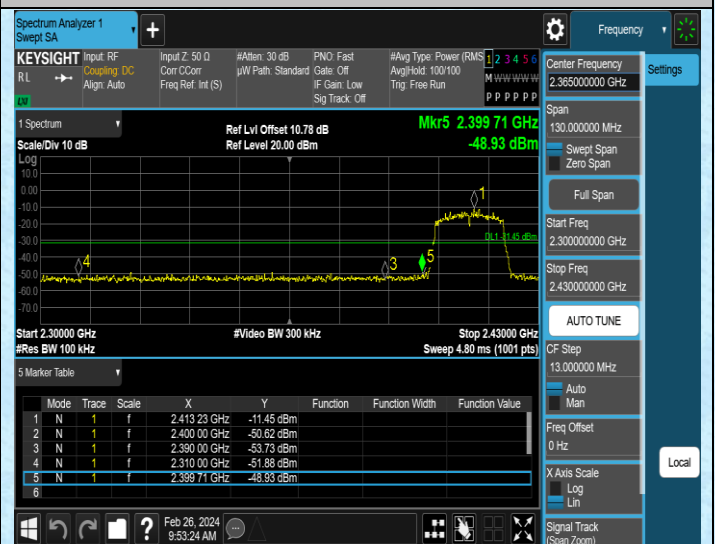
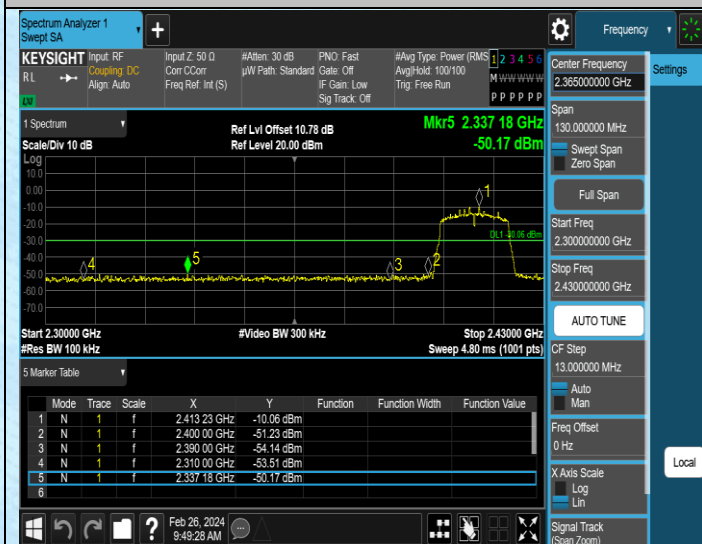
11N20SISO-Ant1-2412-PASS

11N20SISO-Ant2-2412-PASS



11N20SISO-Ant1-2462-PASS

11N20SISO-Ant2-2462-PASS



11N20MIMO-Ant1-2412-PASS

11N20MIMO-Ant2-2412-PASS

