

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	13.98	≤30.00	3.37	17.35	--	PASS
11B	Ant2	2412	1Mbps	11.67	≤29.82	6.18	17.85	--	PASS
11B	Ant1	2437	1Mbps	14.51	≤30.00	3.37	17.88	--	PASS
11B	Ant2	2437	1Mbps	11.80	≤29.82	6.18	17.98	--	PASS
11B	Ant1	2462	1Mbps	14.39	≤30.00	3.37	17.76	--	PASS
11B	Ant2	2462	1Mbps	11.48	≤29.82	6.18	17.66	--	PASS
11G	Ant1	2412	6Mbps	14.48	≤30.00	3.37	17.85	--	PASS
11G	Ant2	2412	6Mbps	11.36	≤29.82	6.18	17.54	--	PASS
11G	Ant1	2437	6Mbps	15.18	≤30.00	3.37	18.55	--	PASS
11G	Ant2	2437	6Mbps	11.53	≤29.82	6.18	17.71	--	PASS
11G	Ant1	2462	6Mbps	15.05	≤30.00	3.37	18.42	--	PASS
11G	Ant2	2462	6Mbps	11.56	≤29.82	6.18	17.74	--	PASS
11N20SISO	Ant1	2412	MCS0	14.44	≤30.00	3.37	17.81	--	PASS
11N20SISO	Ant2	2412	MCS0	11.18	≤29.82	6.18	17.36	--	PASS
11N20SISO	Ant1	2437	MCS0	15.14	≤30.00	3.37	18.51	--	PASS
11N20SISO	Ant2	2437	MCS0	11.62	≤29.82	6.18	17.80	--	PASS
11N20SISO	Ant1	2462	MCS0	15.16	≤30.00	3.37	18.53	--	PASS
11N20SISO	Ant2	2462	MCS0	11.41	≤29.82	6.18	17.59	--	PASS
11AX20SISO	Ant1	2412	MCS0	14.46	≤30.00	3.37	17.83	--	PASS
11AX20SISO	Ant2	2412	MCS0	11.43	≤29.82	6.18	17.61	--	PASS
11AX20SISO	Ant1	2437	MCS0	14.78	≤30.00	3.37	18.15	--	PASS
11AX20SISO	Ant2	2437	MCS0	11.81	≤29.82	6.18	17.99	--	PASS
11AX20SISO	Ant1	2462	MCS0	14.82	≤30.00	3.37	18.19	--	PASS
11AX20SISO	Ant2	2462	MCS0	11.66	≤29.82	6.18	17.84	--	PASS
11N20MIMO	Ant1	2412	MCS0	9.29	≤30.00	3.37	12.66	--	PASS
11N20MIMO	Ant2	2412	MCS0	10.01	≤29.82	6.18	16.19	--	PASS
11N20MIMO	total	2412	MCS0	12.68	≤28.10	---	20.58	--	PASS
11N20MIMO	Ant1	2437	MCS0	9.60	≤30.00	3.37	12.97	--	PASS
11N20MIMO	Ant2	2437	MCS0	10.30	≤29.82	6.18	16.48	--	PASS
11N20MIMO	total	2437	MCS0	12.97	≤28.10	---	20.87	--	PASS
11N20MIMO	Ant1	2462	MCS0	9.73	≤30.00	3.37	13.10	--	PASS
11N20MIMO	Ant2	2462	MCS0	10.04	≤29.82	6.18	16.22	--	PASS
11N20MIMO	total	2462	MCS0	12.90	≤28.10	---	20.8	--	PASS
11AX20MIMO	Ant1	2412	MCS0	6.15	≤30.00	3.37	9.52	--	PASS
11AX20MIMO	Ant2	2412	MCS0	6.87	≤29.82	6.18	13.05	--	PASS
11AX20MIMO	total	2412	MCS0	9.54	≤28.10	7.90	17.44	--	PASS
11AX20MIMO	Ant1	2437	MCS0	7.96	≤30.00	3.37	11.33	--	PASS
11AX20MIMO	Ant2	2437	MCS0	7.52	≤29.82	6.18	13.70	--	PASS

11AX20MIMO	total	2437	MCS0	10.76	≤28.10	7.90	18.66	--	PASS
11AX20MIMO	Ant1	2462	MCS0	8.18	≤30.00	3.37	11.55	--	PASS
11AX20MIMO	Ant2	2462	MCS0	7.64	≤29.82	6.18	13.82	--	PASS
11AX20MIMO	total	2462	MCS0	10.93	≤28.10	7.90	18.83	--	PASS

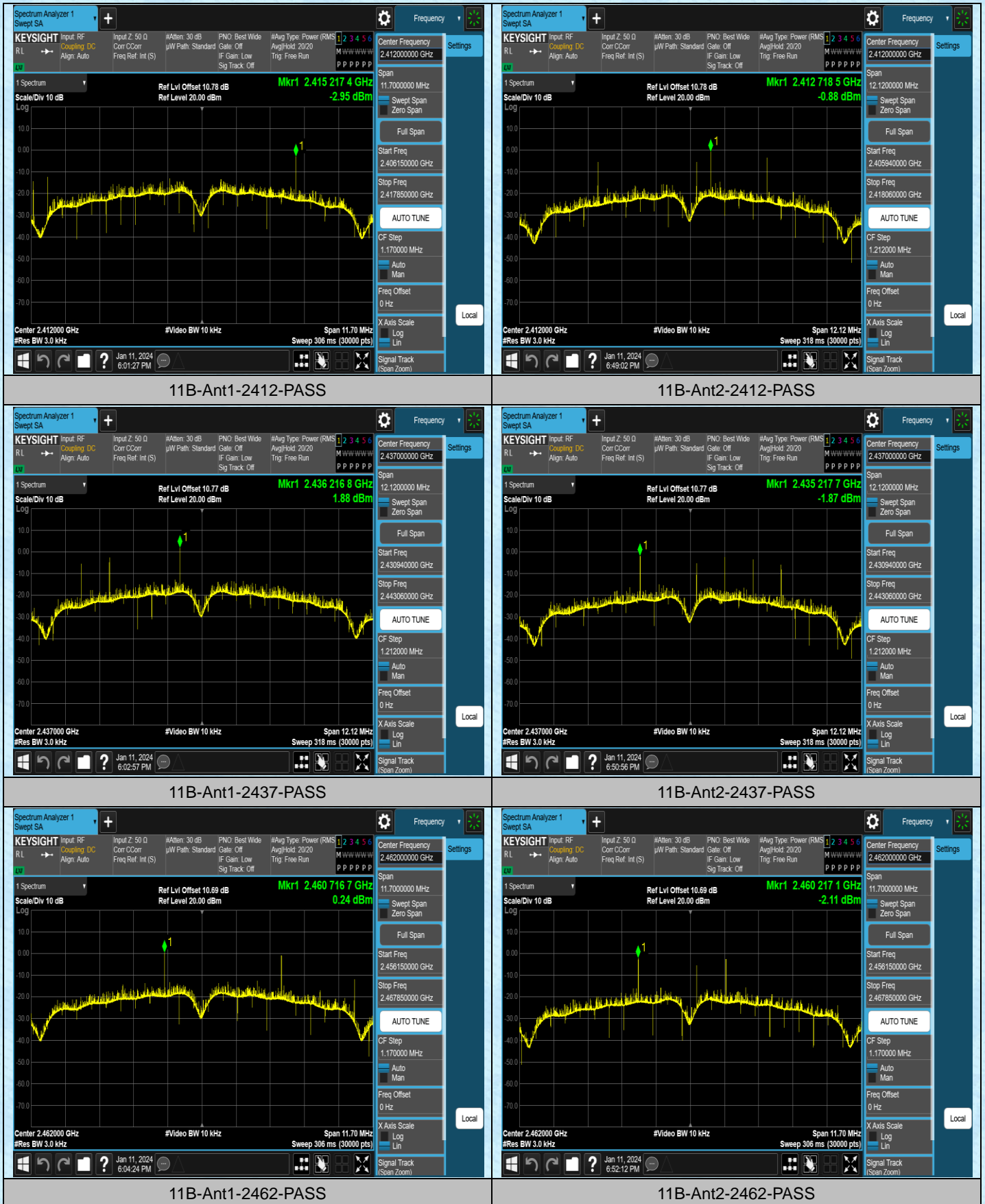
AppendixD: Maximum power spectral density

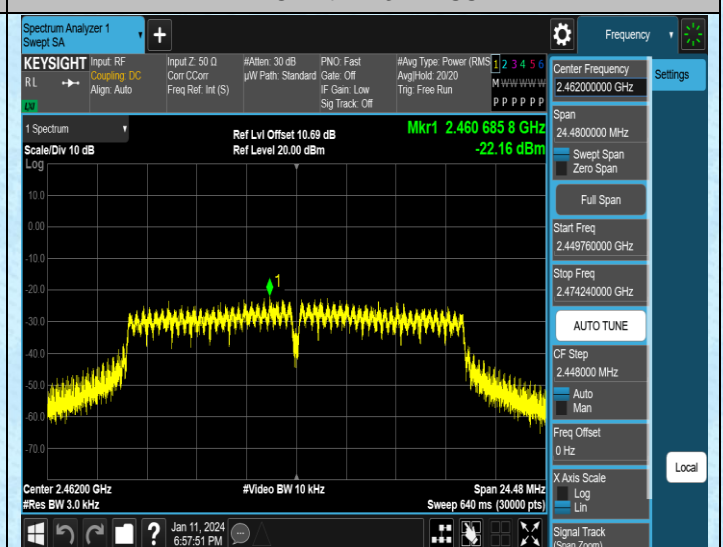
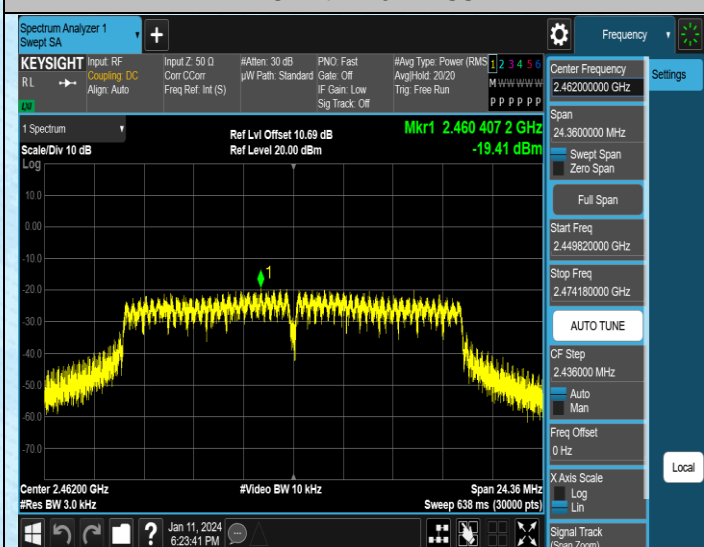
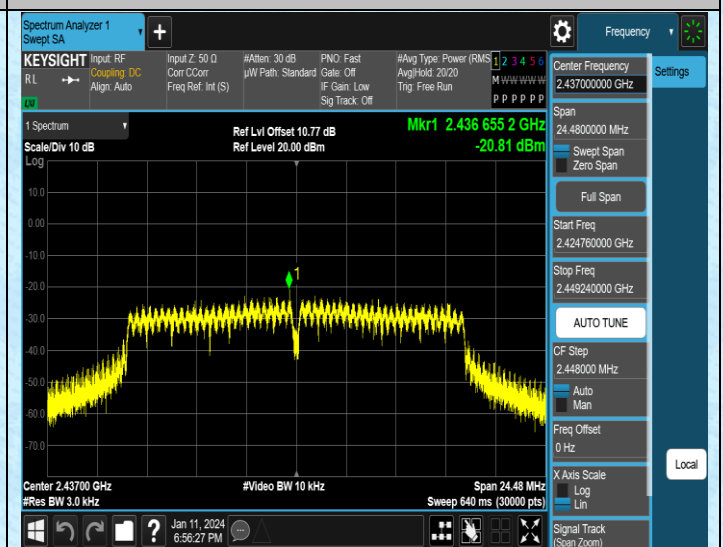
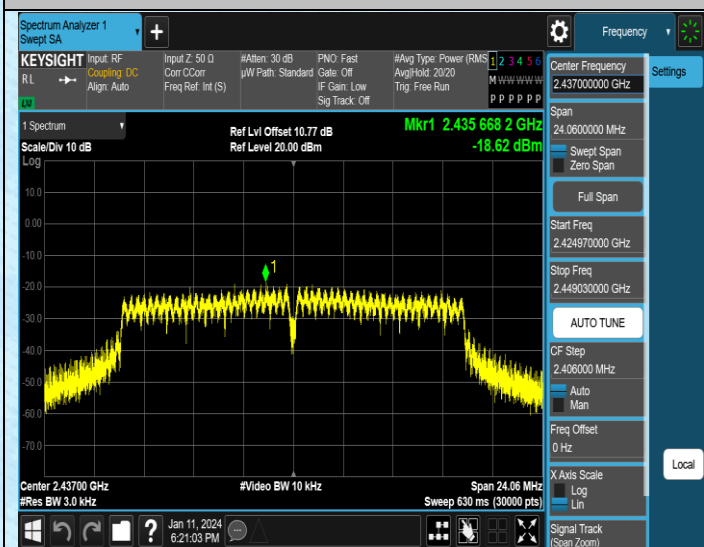
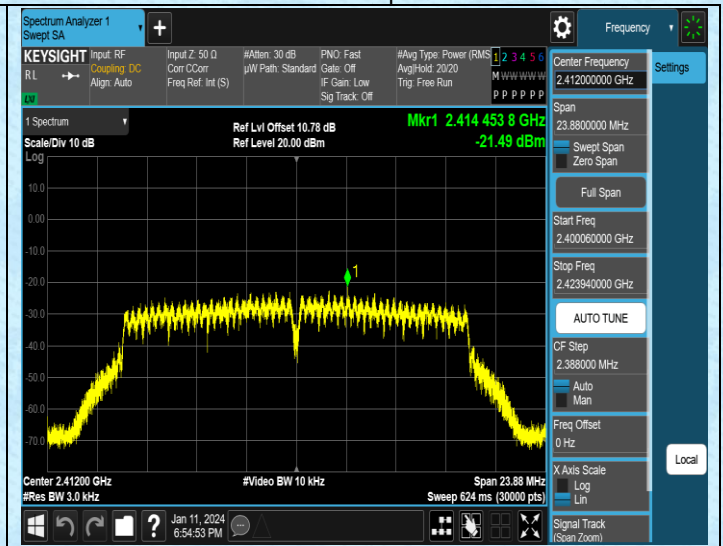
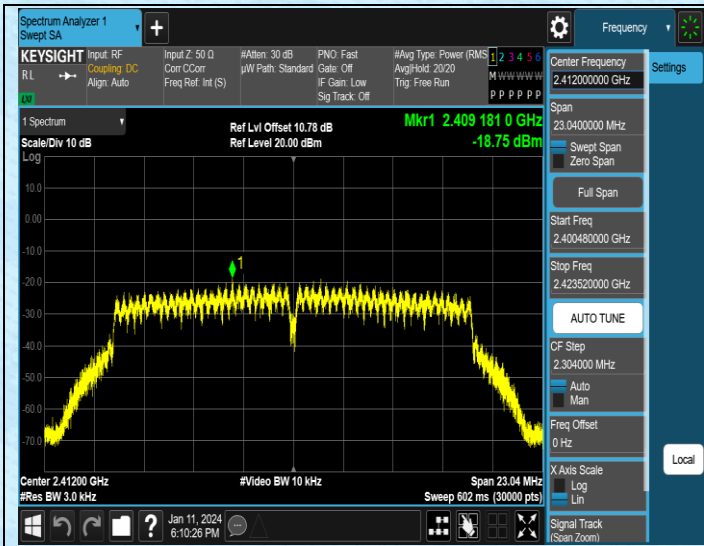
Test Result

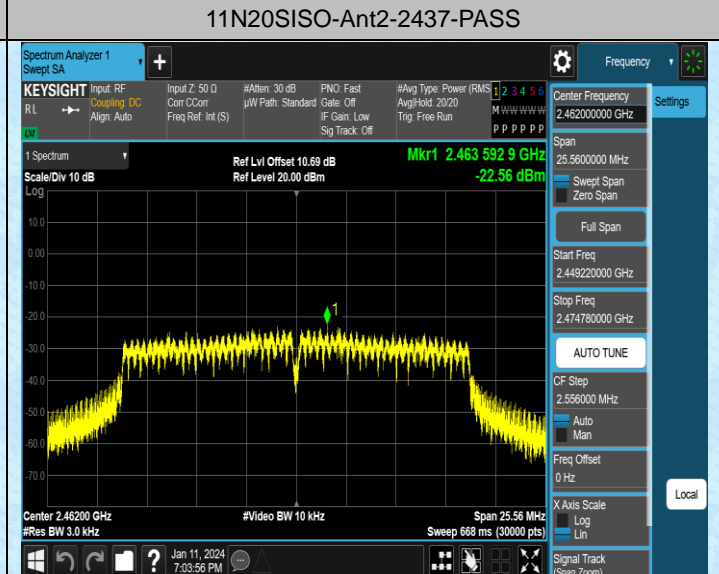
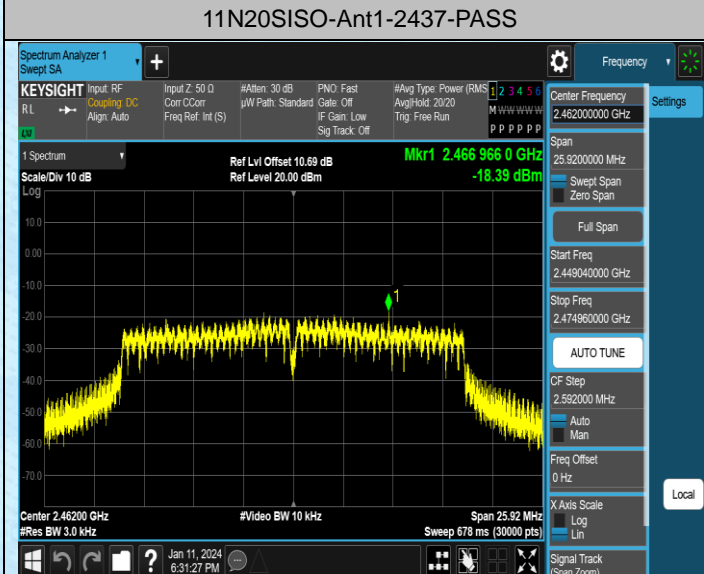
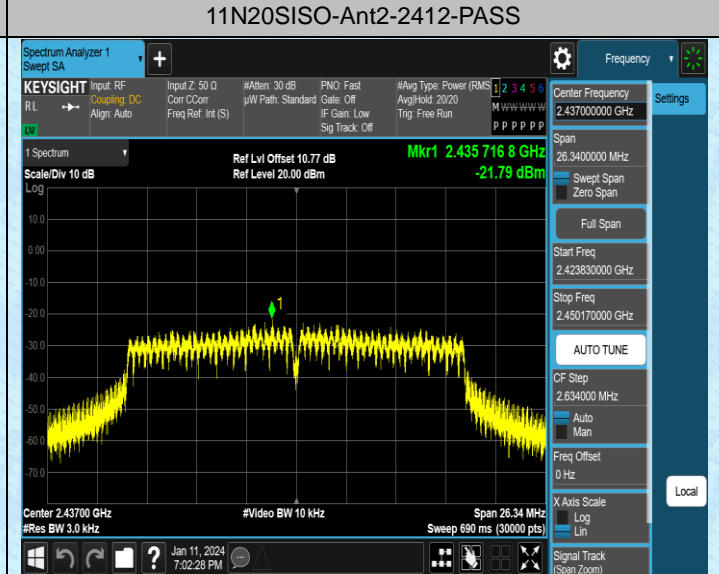
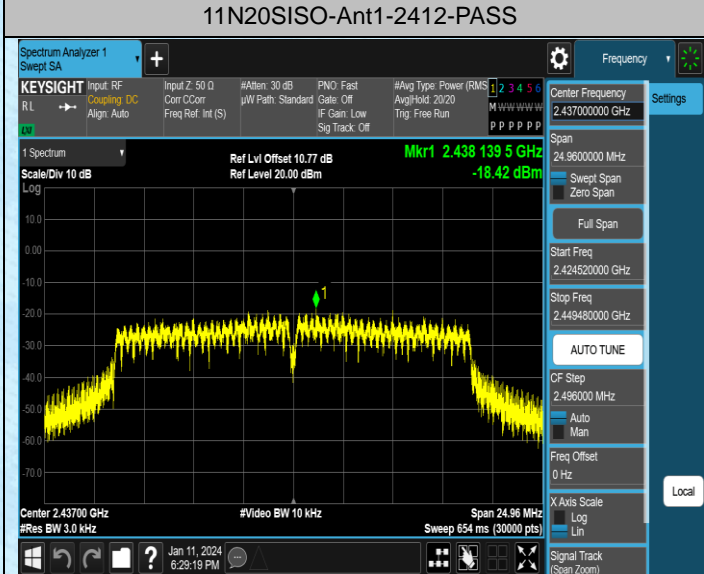
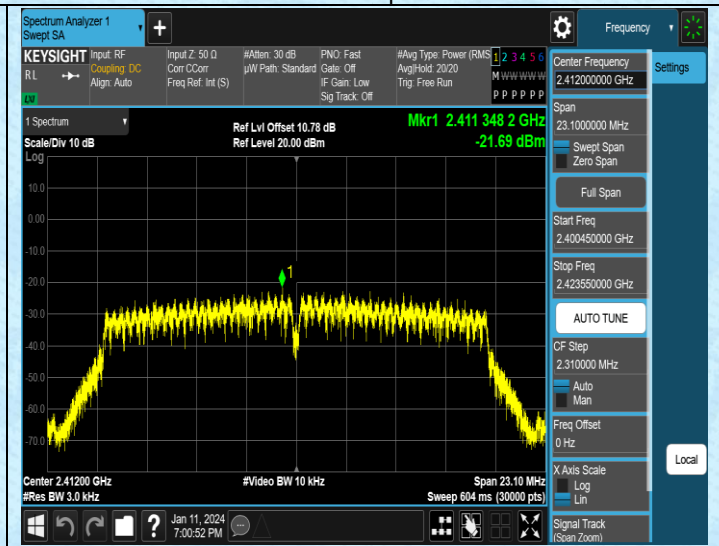
Test Mode	Antenna	Frequency[MHz]	Rate	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	1Mbps	-2.95	≤8.00	PASS
11B	Ant2	2412	1Mbps	-0.88	≤8.00	PASS
11B	Ant1	2437	1Mbps	1.88	≤8.00	PASS
11B	Ant2	2437	1Mbps	-1.87	≤8.00	PASS
11B	Ant1	2462	1Mbps	0.24	≤8.00	PASS
11B	Ant2	2462	1Mbps	-2.11	≤8.00	PASS
11G	Ant1	2412	6Mbps	-18.75	≤8.00	PASS
11G	Ant2	2412	6Mbps	-21.49	≤8.00	PASS
11G	Ant1	2437	6Mbps	-18.62	≤8.00	PASS
11G	Ant2	2437	6Mbps	-20.81	≤8.00	PASS
11G	Ant1	2462	6Mbps	-19.41	≤8.00	PASS
11G	Ant2	2462	6Mbps	-22.16	≤8.00	PASS
11N20SISO	Ant1	2412	MCS0	-19	≤8.00	PASS
11N20SISO	Ant2	2412	MCS0	-21.69	≤8.00	PASS
11N20SISO	Ant1	2437	MCS0	-18.42	≤8.00	PASS
11N20SISO	Ant2	2437	MCS0	-21.79	≤8.00	PASS
11N20SISO	Ant1	2462	MCS0	-18.39	≤8.00	PASS
11N20SISO	Ant2	2462	MCS0	-22.56	≤8.00	PASS
11AX20SISO	Ant1	2412	MCS0	-19.12	≤8.00	PASS
11AX20SISO	Ant2	2412	MCS0	-21.55	≤8.00	PASS
11AX20SISO	Ant1	2437	MCS0	-18.65	≤8.00	PASS
11AX20SISO	Ant2	2437	MCS0	-21.86	≤8.00	PASS
11AX20SISO	Ant1	2462	MCS0	-18.51	≤8.00	PASS
11AX20SISO	Ant2	2462	MCS0	-20.15	≤8.00	PASS
11N20MIMO	Ant1	2412	MCS0	-24.13	≤8.00	PASS
11N20MIMO	Ant2	2412	MCS0	-22.93	≤8.00	PASS
11N20MIMO	total	2412	MCS0	-20.48	≤8.00	PASS
11N20MIMO	Ant1	2437	MCS0	-20.84	≤8.00	PASS
11N20MIMO	Ant2	2437	MCS0	-23.54	≤8.00	PASS
11N20MIMO	total	2437	MCS0	-18.97	≤8.00	PASS
11N20MIMO	Ant1	2462	MCS0	-24.55	≤8.00	PASS
11N20MIMO	Ant2	2462	MCS0	-23.16	≤8.00	PASS
11N20MIMO	total	2462	MCS0	-20.79	≤8.00	PASS
11AX20MIMO	Ant1	2412	MCS0	-26.23	≤8.00	PASS
11AX20MIMO	Ant2	2412	MCS0	-26.33	≤8.00	PASS
11AX20MIMO	total	2412	MCS0	-23.27	≤8.00	PASS
11AX20MIMO	Ant1	2437	MCS0	-25.38	≤8.00	PASS
11AX20MIMO	Ant2	2437	MCS0	-25.51	≤8.00	PASS
11AX20MIMO	total	2437	MCS0	-22.43	≤8.00	PASS

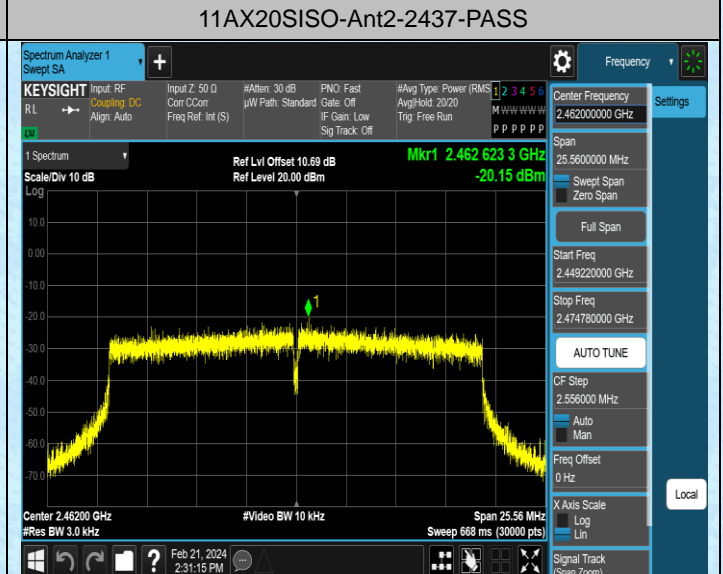
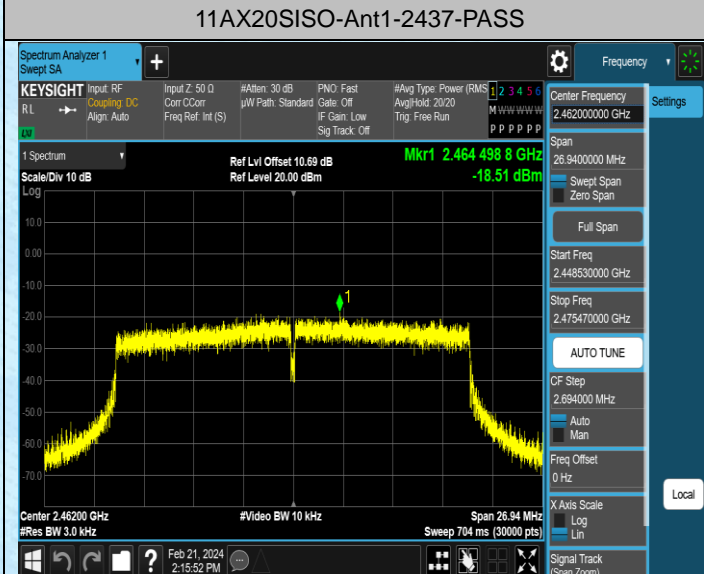
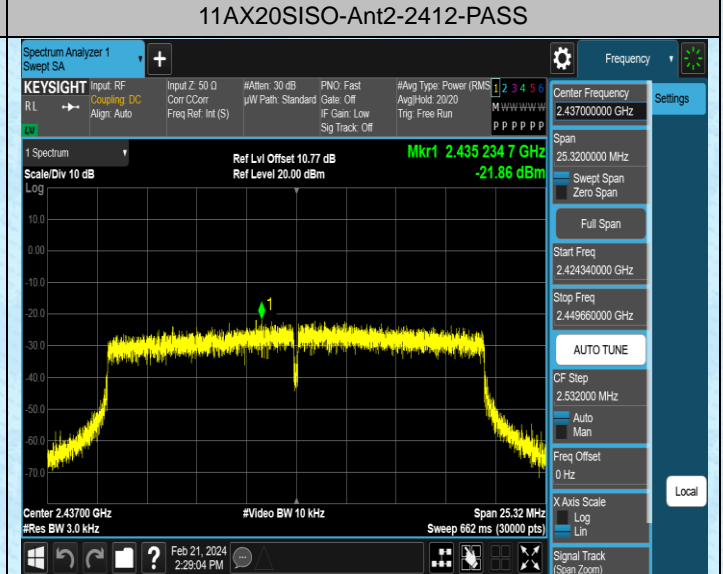
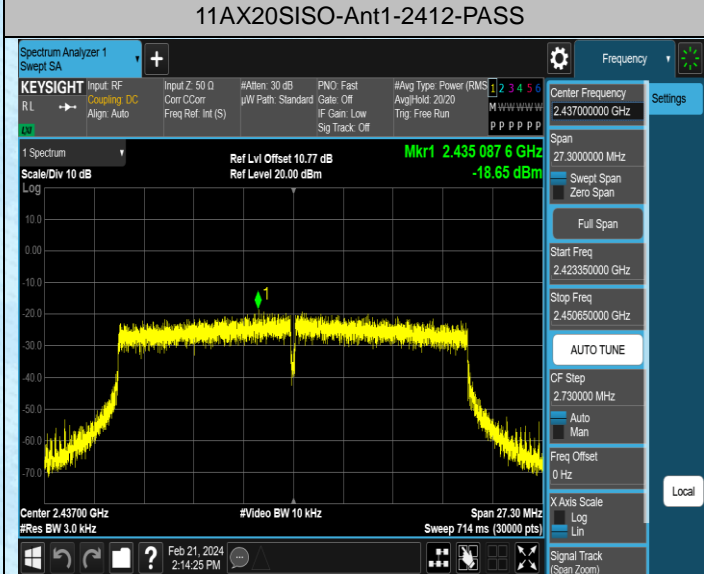
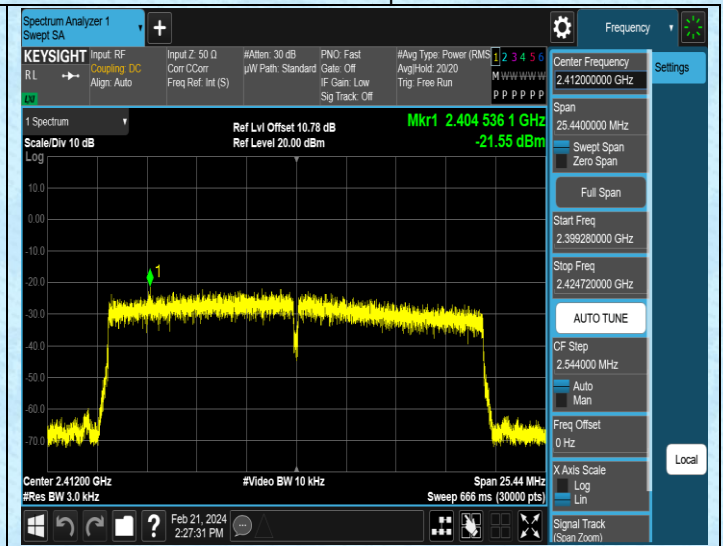
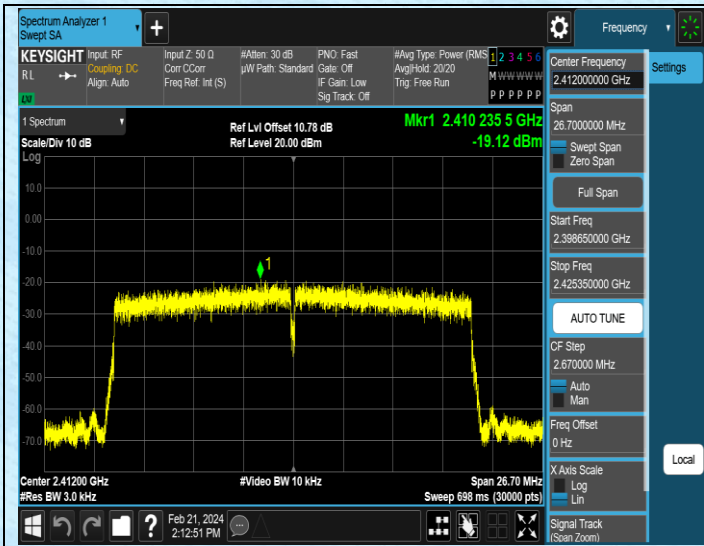
11AX20MIMO	Ant1	2462	MCS0	-25.26	≤8.00	PASS
11AX20MIMO	Ant2	2462	MCS0	-25.09	≤8.00	PASS
11AX20MIMO	total	2462	MCS0	-22.16	≤8.00	PASS

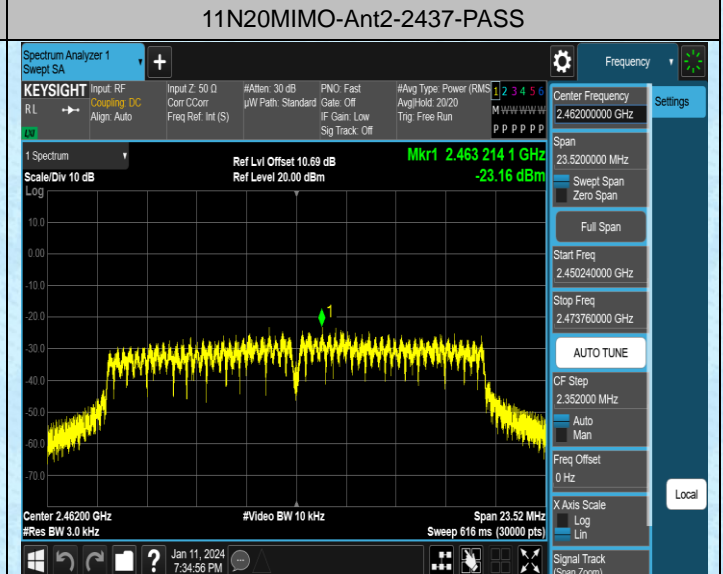
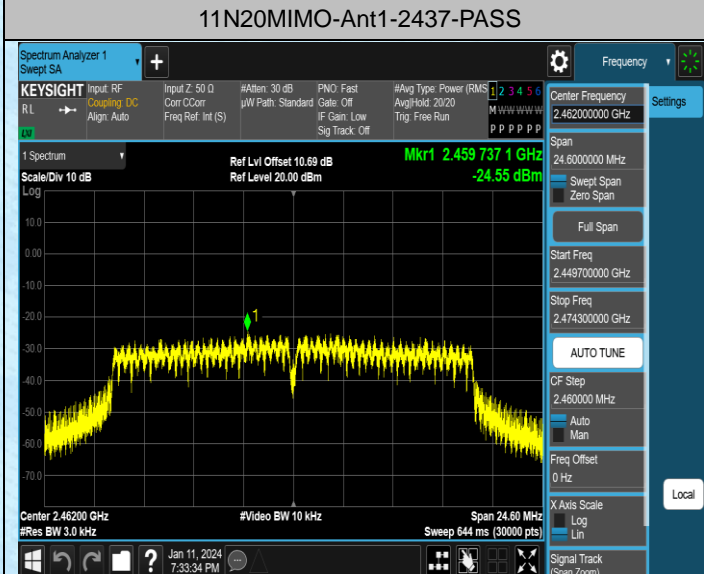
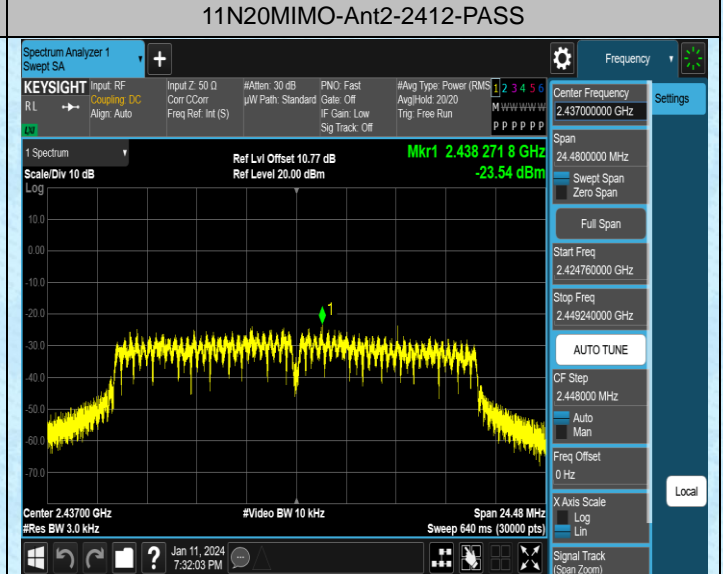
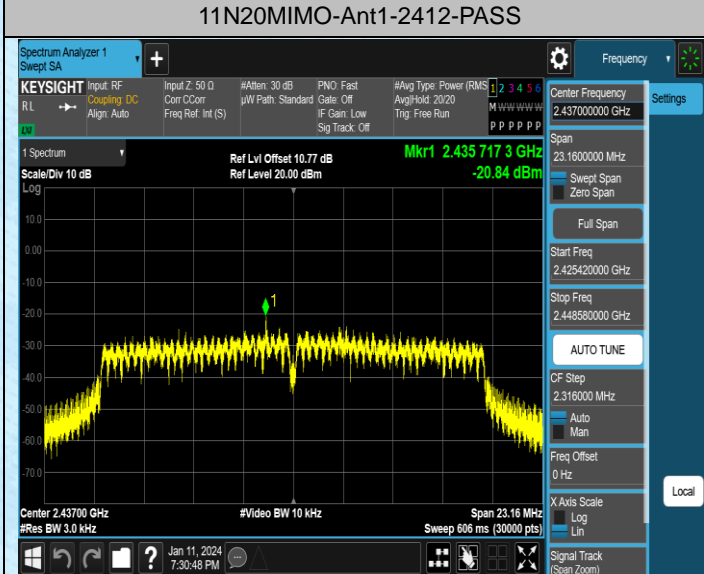
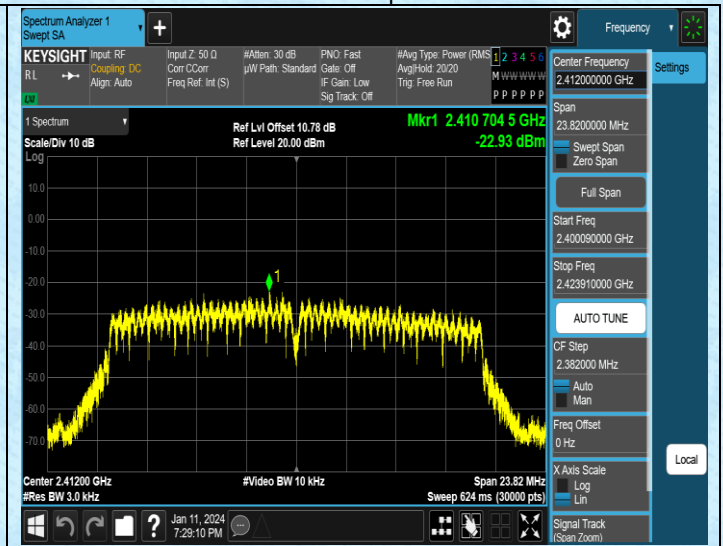
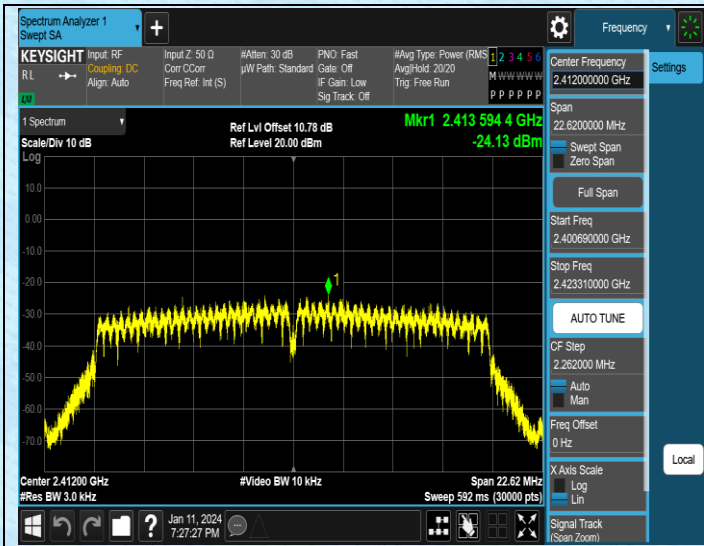
Test Graphs

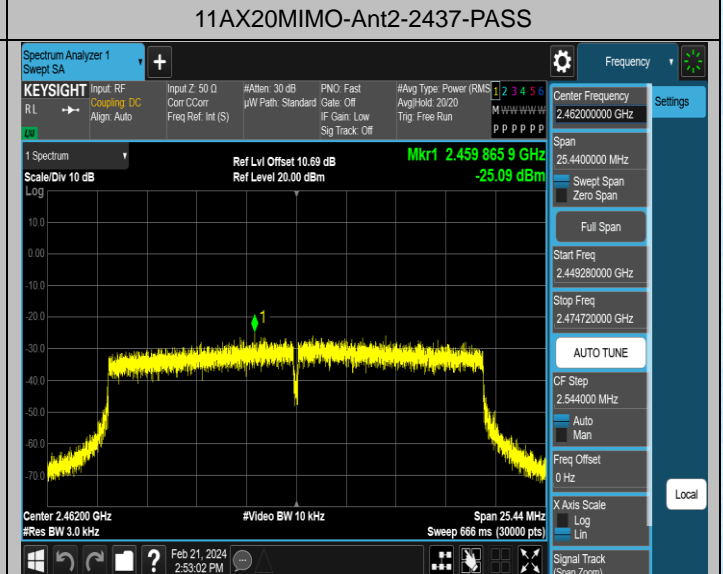
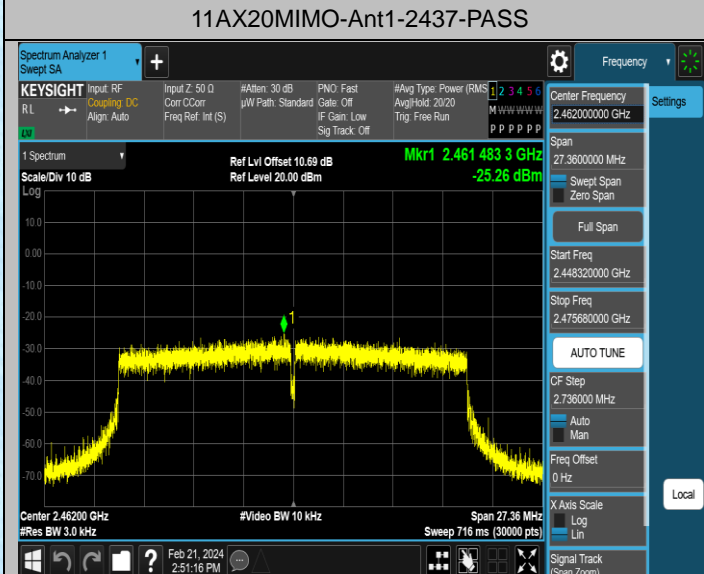
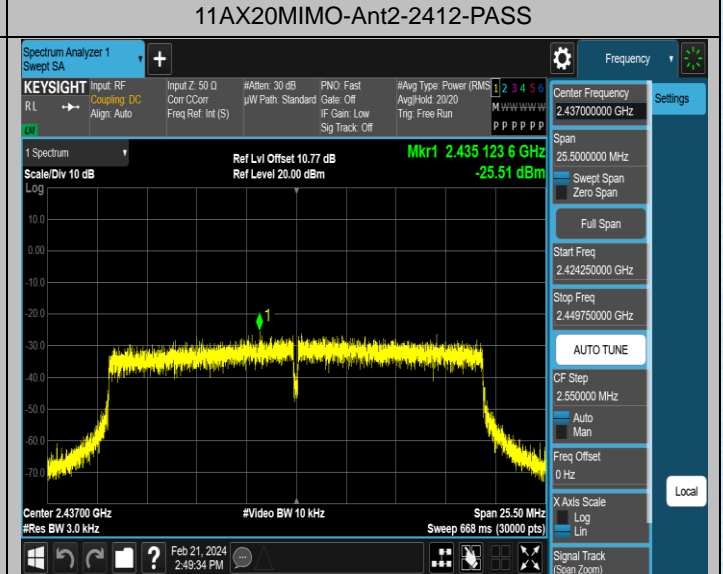
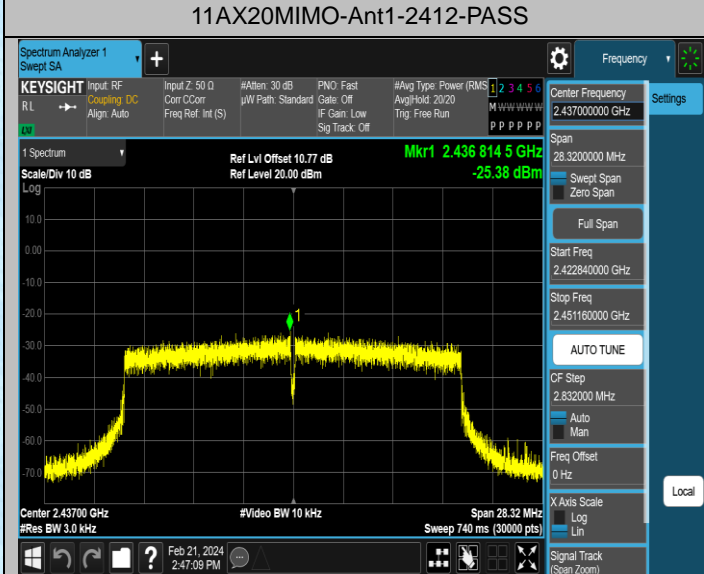
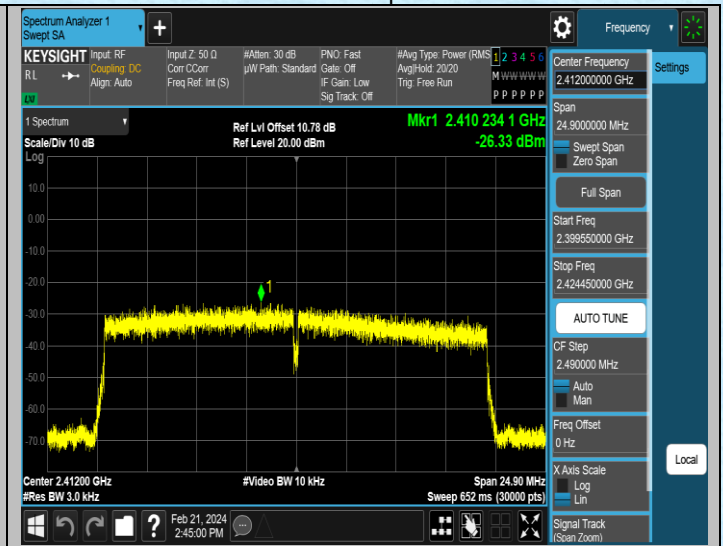
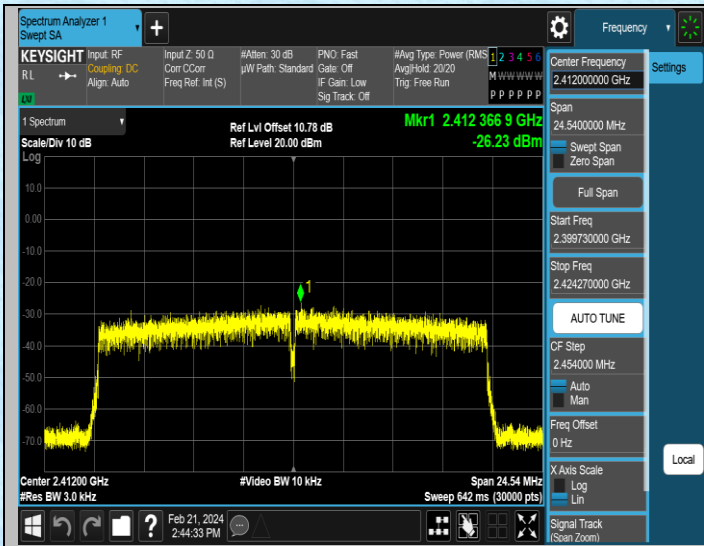












AppendixE:Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	Rate	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	1Mbps	2.36	-44.97	≤-17.64	PASS
11B	Ant2	Low	2412	1Mbps	-0.32	-48.06	≤-20.32	PASS
11B	Ant1	High	2462	1Mbps	2.76	-49.52	≤-17.24	PASS
11B	Ant2	High	2462	1Mbps	0.56	-48.62	≤-19.44	PASS
11G	Ant1	Low	2412	6Mbps	-3.92	-47.11	≤-23.92	PASS
11G	Ant2	Low	2412	6Mbps	-7.37	-48.2	≤-27.37	PASS
11G	Ant1	High	2462	6Mbps	-2.50	-48.79	≤-22.5	PASS
11G	Ant2	High	2462	6Mbps	-7.37	-49.67	≤-27.37	PASS
11N20SISO	Ant1	Low	2412	MCS0	-4.47	-47.32	≤-24.47	PASS
11N20SISO	Ant2	Low	2412	MCS0	-6.55	-47.4	≤-26.55	PASS
11N20SISO	Ant1	High	2462	MCS0	-3.78	-49.32	≤-23.78	PASS
11N20SISO	Ant2	High	2462	MCS0	-7.06	-49.6	≤-27.06	PASS
11AX20SISO	Ant1	Low	2412	MCS0	-3.99	-49.01	≤-23.99	PASS
11AX20SISO	Ant2	Low	2412	MCS0	-6.58	-48.64	≤-26.58	PASS
11AX20SISO	Ant1	High	2462	MCS0	-4.01	-49.13	≤-24.01	PASS
11N20MIMO	Ant1	Low	2412	MCS0	-9.78	-48.87	≤-29.78	PASS
11N20MIMO	Ant2	Low	2412	MCS0	-8.10	-48.78	≤-28.1	PASS
11N20MIMO	Ant1	High	2462	MCS0	-9.00	-48.73	≤-29	PASS
11N20MIMO	Ant2	High	2462	MCS0	-9.68	-49.95	≤-29.68	PASS
11AX20MIMO	Ant1	Low	2412	MCS0	-6.81	-49.32	≤-26.81	PASS
11AX20MIMO	Ant2	Low	2412	MCS0	-11.64	-49.55	≤-31.64	PASS
11AX20MIMO	Ant1	High	2462	MCS0	-10.87	-49.96	≤-30.87	PASS
11AX20MIMO	Ant2	High	2462	MCS0	-10.67	-49.9	≤-30.67	PASS