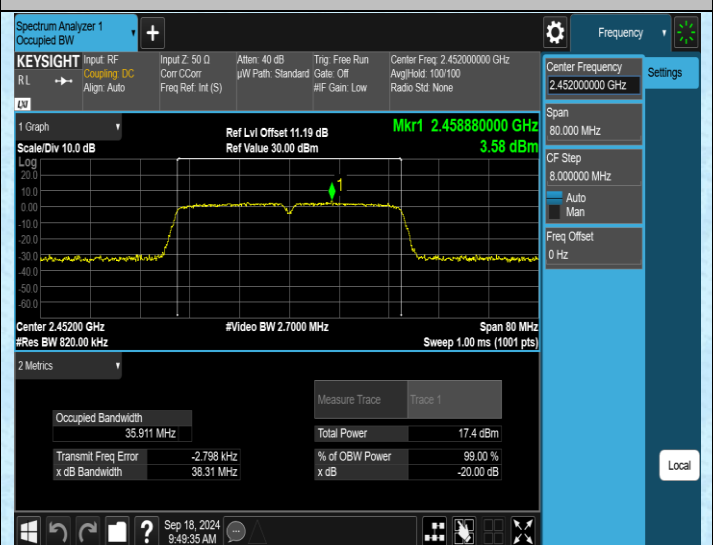
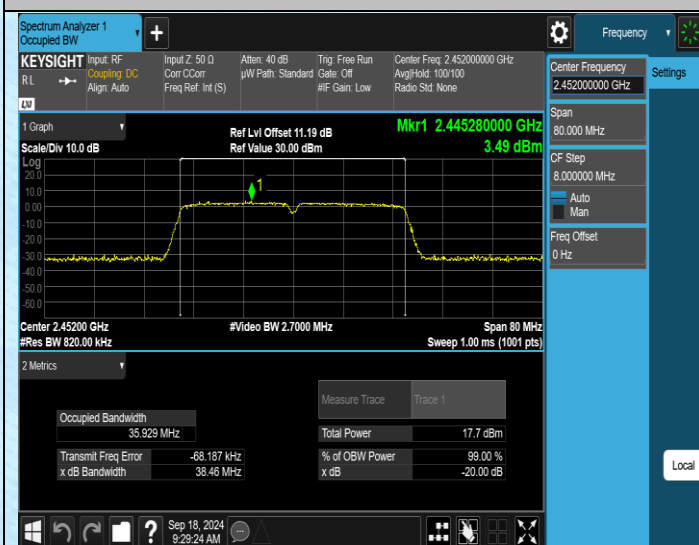
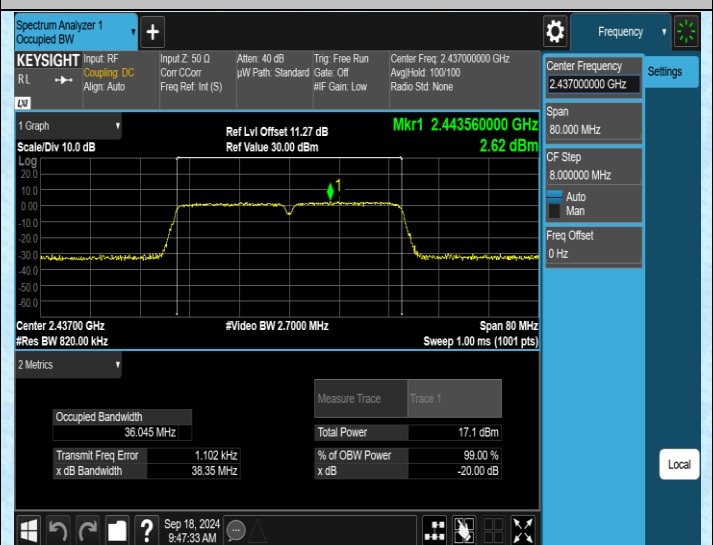
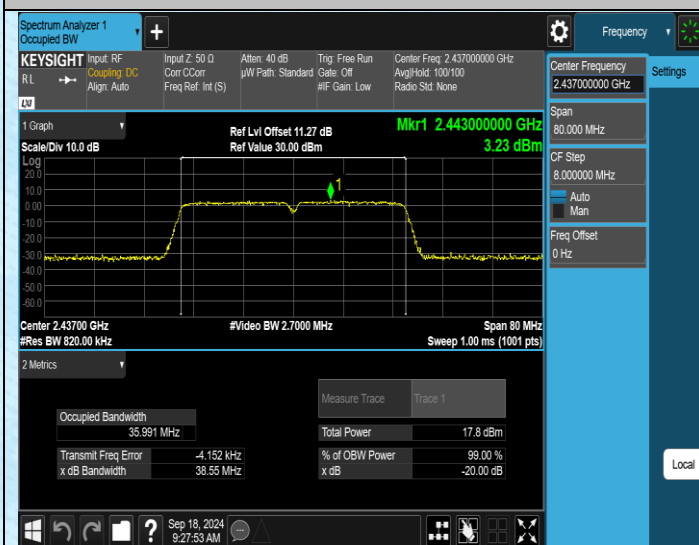
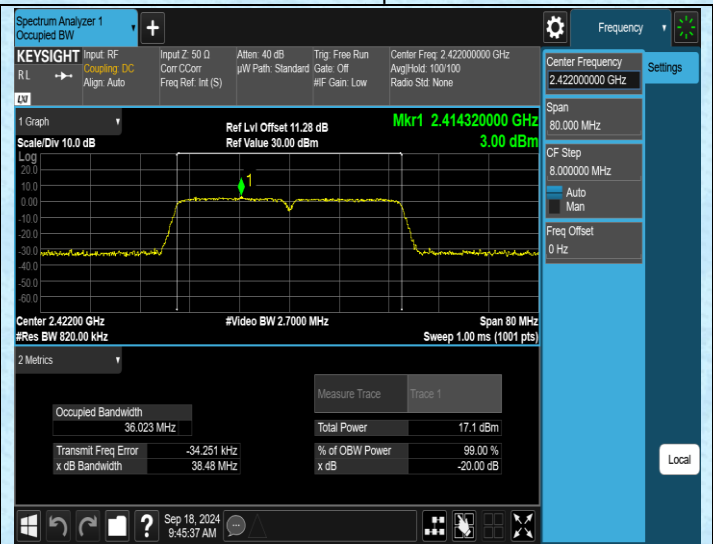
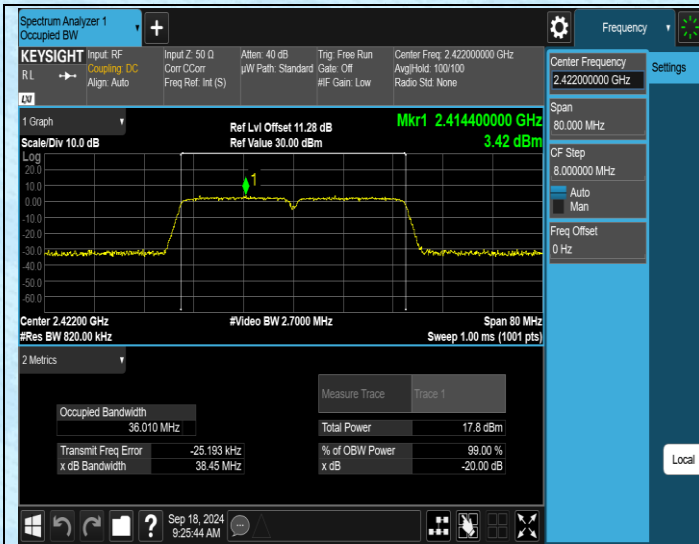
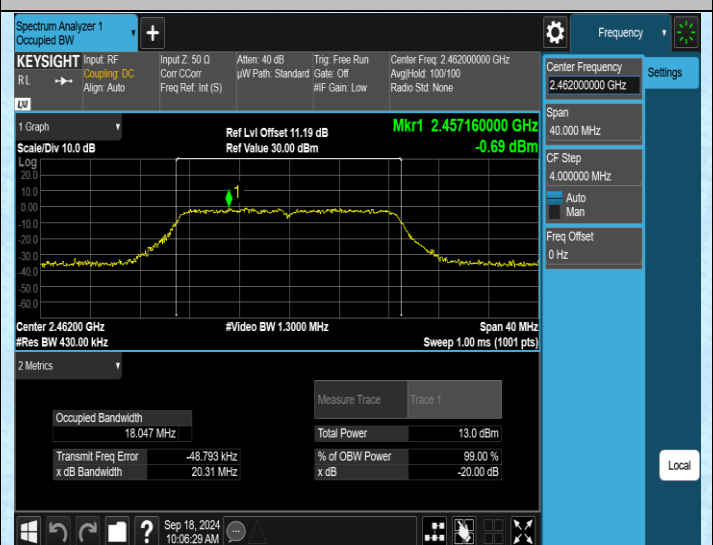
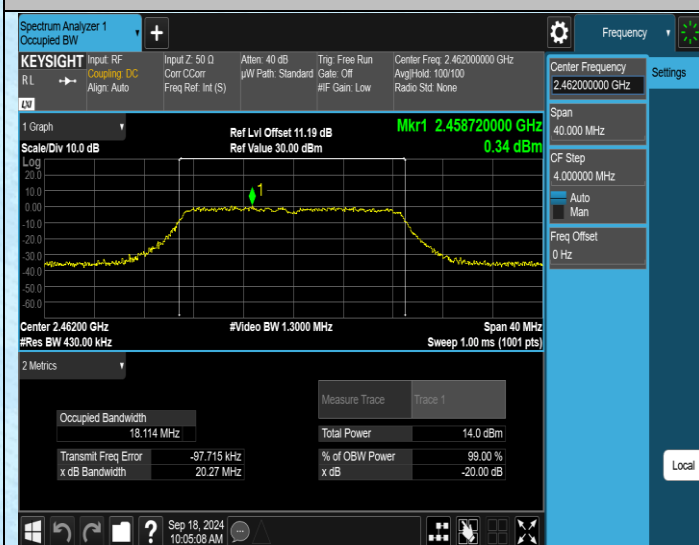
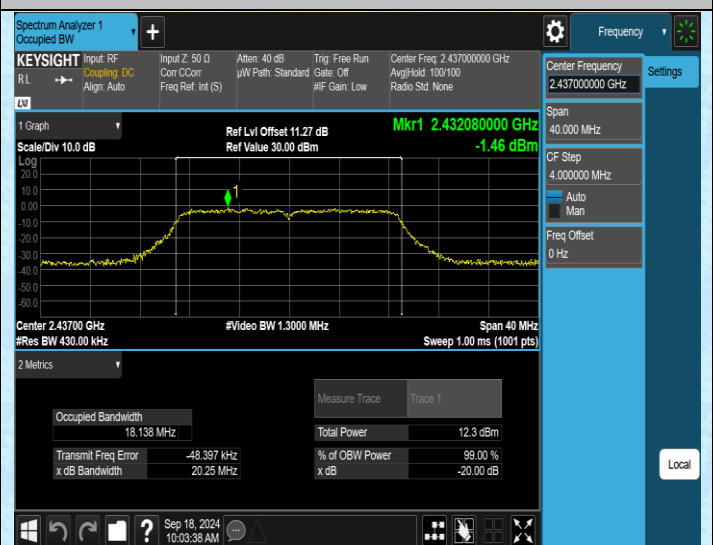
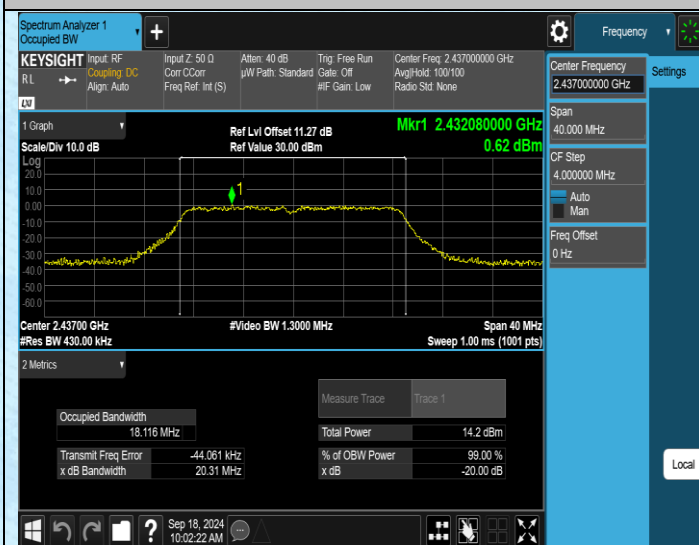
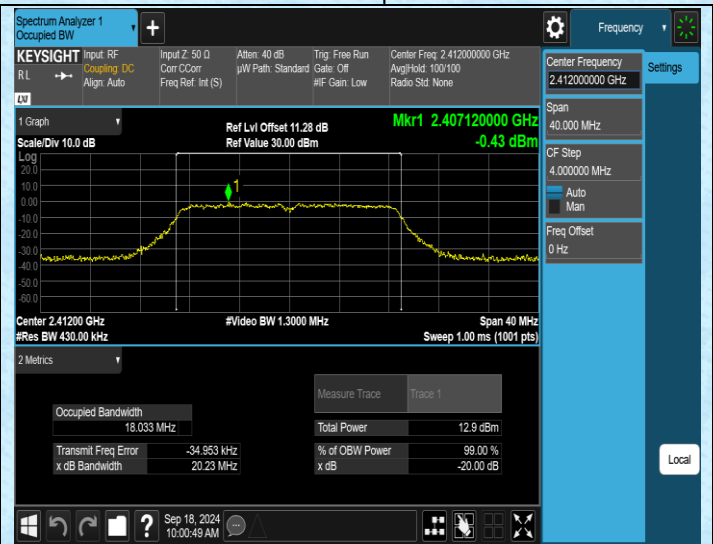
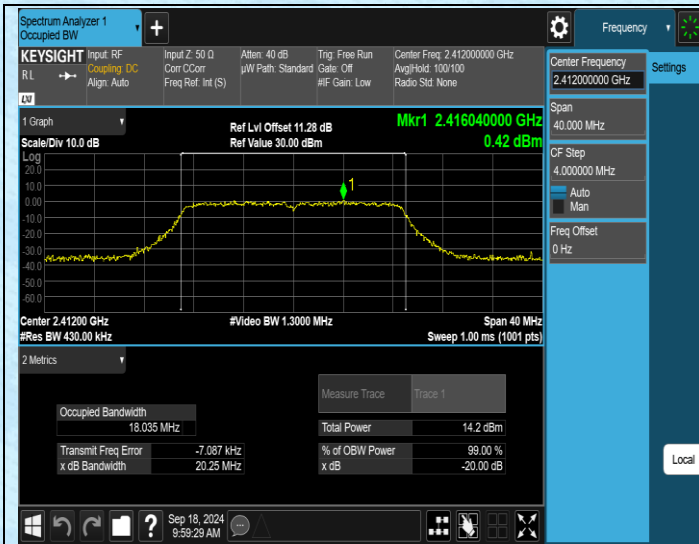
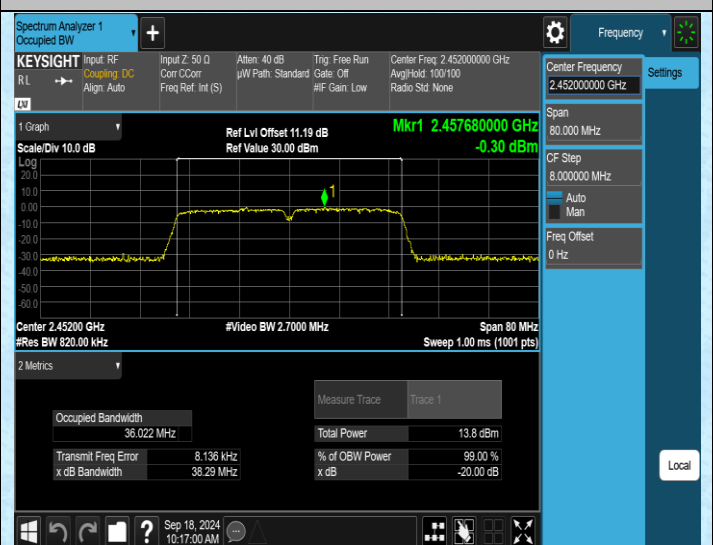
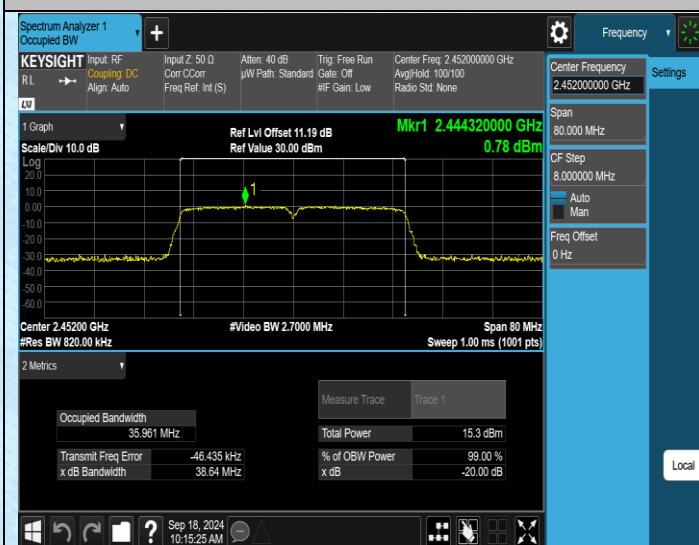
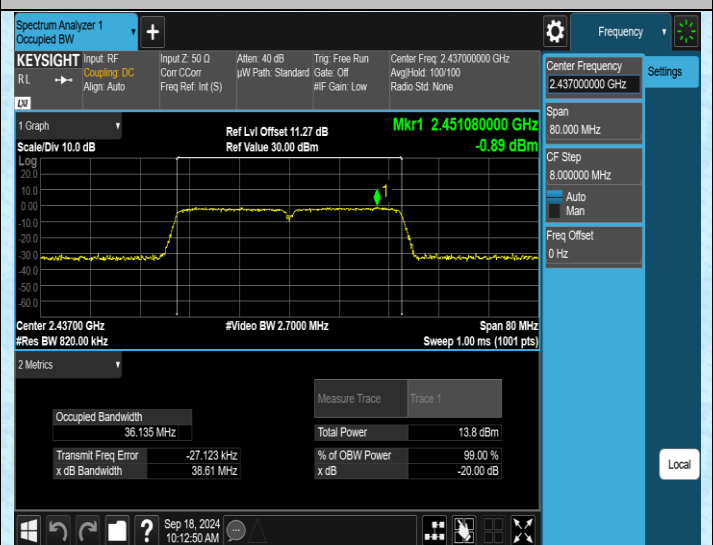
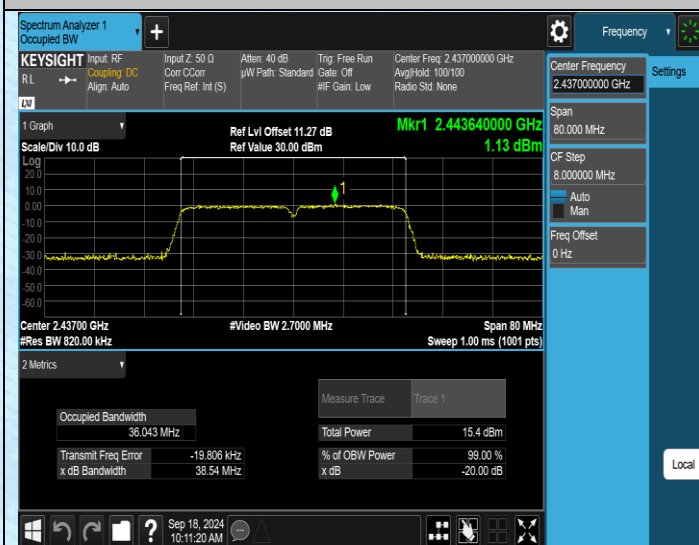
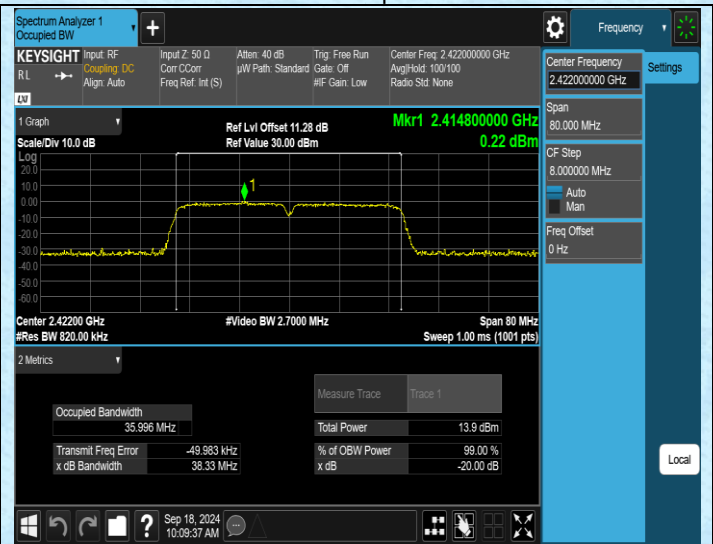
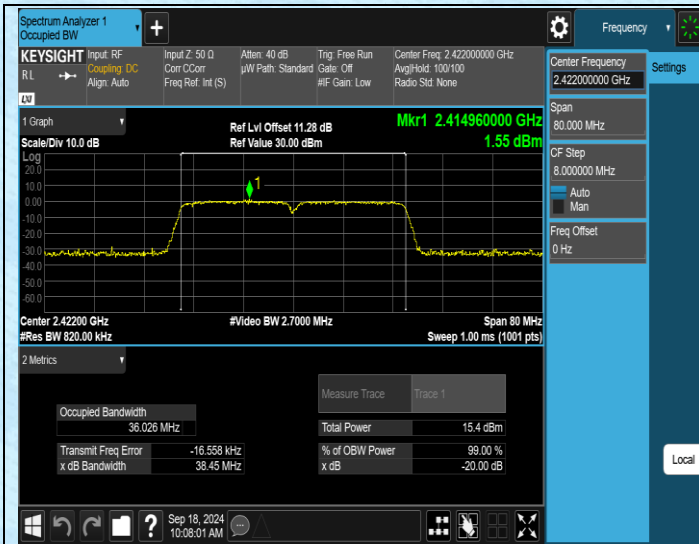








AppendixC: Maximum conducted output power

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	17.65	≤30.00	2.05	19.70	≤36.00	PASS
11B	Ant2	2412	1Mbps	17.74	≤30.00	2.03	19.77	≤36.00	PASS
11B	Ant1	2437	1Mbps	17.52	≤30.00	2.05	19.57	≤36.00	PASS
11B	Ant2	2437	1Mbps	17.19	≤30.00	2.03	19.22	≤36.00	PASS
11B	Ant1	2462	1Mbps	17.10	≤30.00	2.05	19.15	≤36.00	PASS
11B	Ant2	2462	1Mbps	17.73	≤30.00	2.03	19.76	≤36.00	PASS
11G	Ant1	2412	6Mbps	17.78	≤30.00	2.05	19.83	≤36.00	PASS
11G	Ant2	2412	6Mbps	17.41	≤30.00	2.03	19.44	≤36.00	PASS
11G	Ant1	2437	6Mbps	17.63	≤30.00	2.05	19.68	≤36.00	PASS
11G	Ant2	2437	6Mbps	16.96	≤30.00	2.03	18.99	≤36.00	PASS
11G	Ant1	2462	6Mbps	17.35	≤30.00	2.05	19.40	≤36.00	PASS
11G	Ant2	2462	6Mbps	17.33	≤30.00	2.03	19.36	≤36.00	PASS
11N20SISO	Ant1	2412	MCS0	18.06	≤30.00	2.05	20.11	≤36.00	PASS
11N20SISO	Ant2	2412	MCS0	17.64	≤30.00	2.03	19.67	≤36.00	PASS
11N20SISO	Ant1	2437	MCS0	17.99	≤30.00	2.05	20.04	≤36.00	PASS
11N20SISO	Ant2	2437	MCS0	17.29	≤30.00	2.03	19.32	≤36.00	PASS
11N20SISO	Ant1	2462	MCS0	17.60	≤30.00	2.05	19.65	≤36.00	PASS
11N20SISO	Ant2	2462	MCS0	17.67	≤30.00	2.03	19.70	≤36.00	PASS
11N40SISO	Ant1	2422	MCS0	18.10	≤30.00	2.05	20.15	≤36.00	PASS
11N40SISO	Ant2	2422	MCS0	17.44	≤30.00	2.03	19.47	≤36.00	PASS
11N40SISO	Ant1	2437	MCS0	18.17	≤30.00	2.05	20.22	≤36.00	PASS
11N40SISO	Ant2	2437	MCS0	17.48	≤30.00	2.03	19.51	≤36.00	PASS
11N40SISO	Ant1	2452	MCS0	17.99	≤30.00	2.05	20.04	≤36.00	PASS
11N40SISO	Ant2	2452	MCS0	17.69	≤30.00	2.03	19.72	≤36.00	PASS
11N20MIMO	Ant1	2412	MCS0	15.54	≤30.00	2.05	17.59	≤36.00	PASS
11N20MIMO	Ant2	2412	MCS0	14.20	≤30.00	2.03	16.23	≤36.00	PASS
11N20MIMO	total	2412	---	17.93	≤30.00	5.05	22.98	≤36.00	PASS
11N20MIMO	Ant1	2437	MCS0	15.40	≤30.00	2.05	17.45	≤36.00	PASS
11N20MIMO	Ant2	2437	MCS0	13.66	≤30.00	2.03	15.69	≤36.00	PASS
11N20MIMO	total	2437	---	17.63	≤30.00	5.05	22.68	≤36.00	PASS
11N20MIMO	Ant1	2462	MCS0	15.38	≤30.00	2.05	17.43	≤36.00	PASS
11N20MIMO	Ant2	2462	MCS0	14.27	≤30.00	2.03	16.30	≤36.00	PASS
11N20MIMO	total	2462	---	17.87	≤30.00	5.05	22.92	≤36.00	PASS
11N40MIMO	Ant1	2422	MCS0	15.64	≤30.00	2.05	17.69	≤36.00	PASS
11N40MIMO	Ant2	2422	MCS0	14.19	≤30.00	2.03	16.22	≤36.00	PASS
11N40MIMO	total	2422	---	17.99	≤30.00	5.05	23.04	≤36.00	PASS
11N40MIMO	Ant1	2437	MCS0	15.66	≤30.00	2.05	17.71	≤36.00	PASS
11N40MIMO	Ant2	2437	MCS0	14.04	≤30.00	2.03	16.07	≤36.00	PASS
11N40MIMO	total	2437	---	17.94	≤30.00	5.05	22.99	≤36.00	PASS

11N40MIMO	Ant1	2452	MCS0	15.59	≤30.00	2.05	17.64	≤36.00	PASS
11N40MIMO	Ant2	2452	MCS0	14.14	≤30.00	2.03	16.17	≤36.00	PASS
11N40MIMO	total	2452	---	17.94	≤30.00	5.05	22.99	≤36.00	PASS

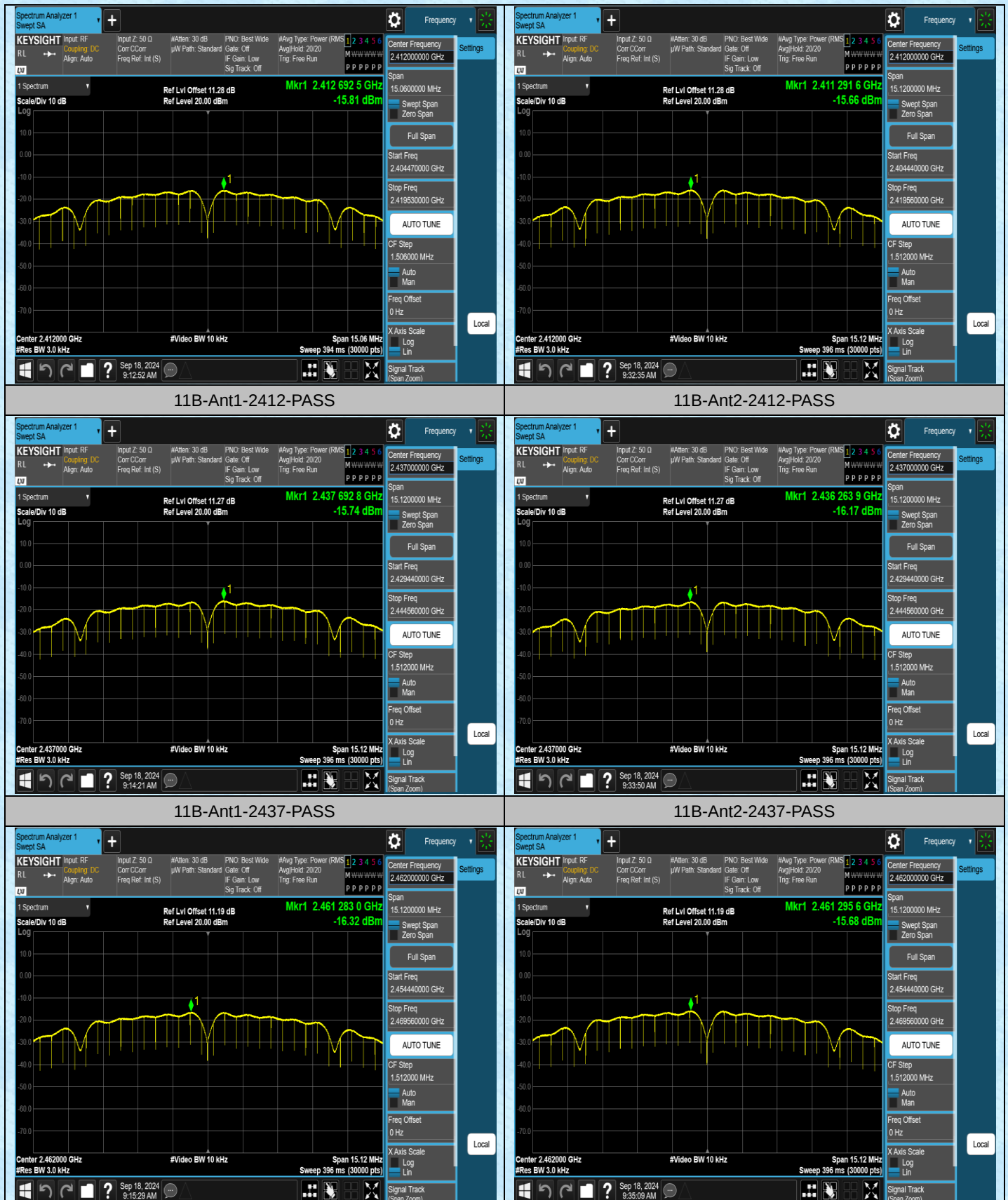
AppendixD: Maximum power spectral density

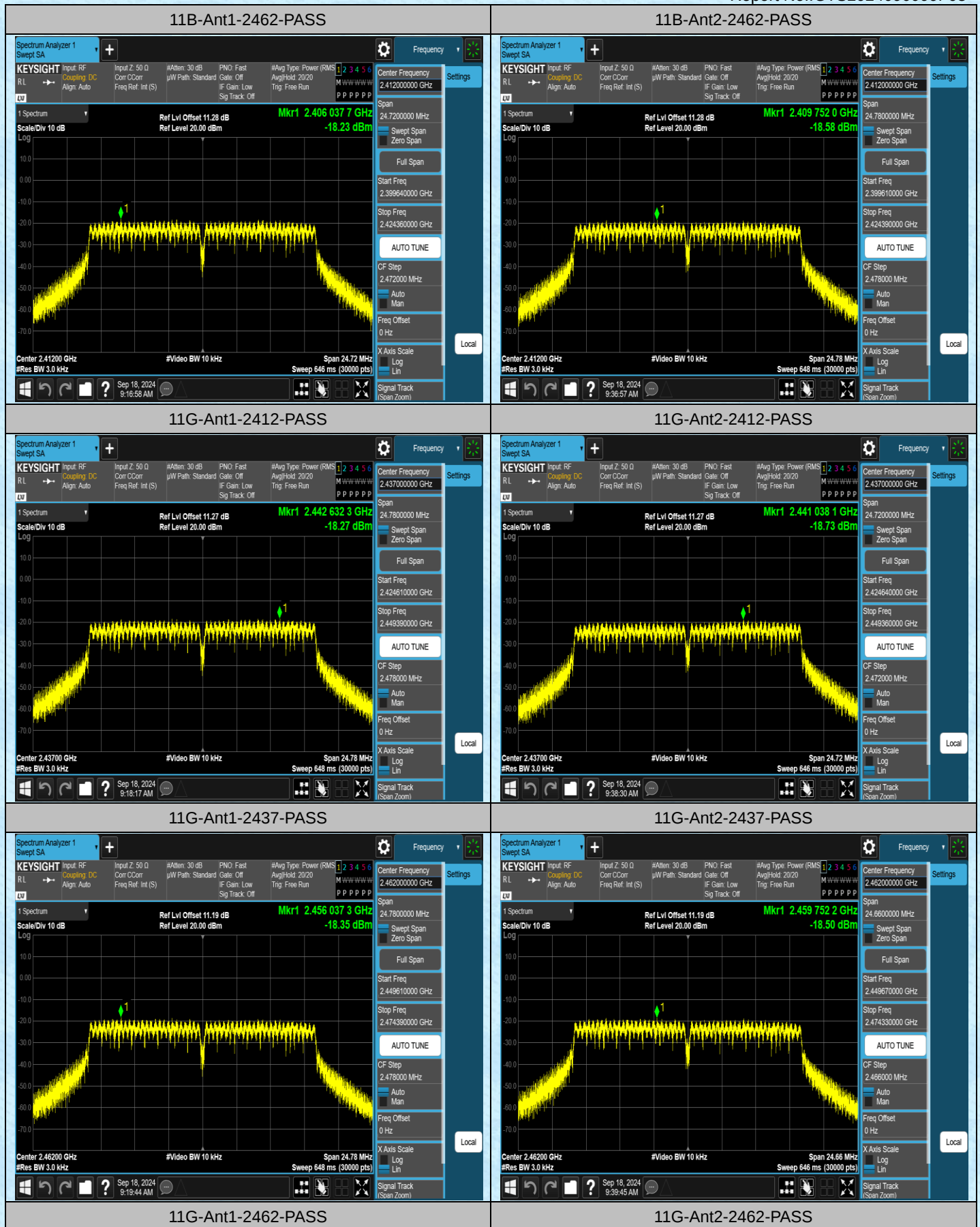
Test Result

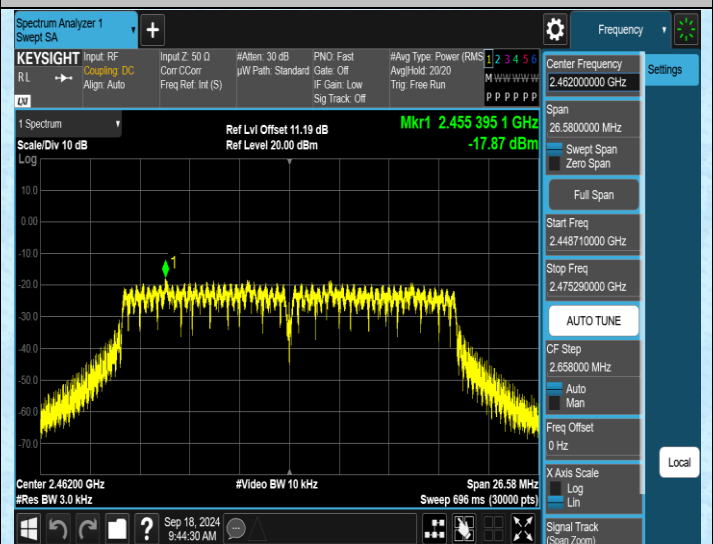
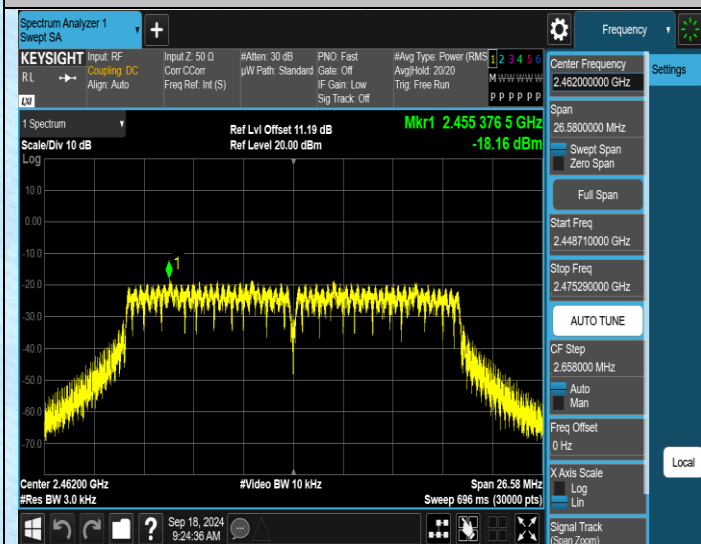
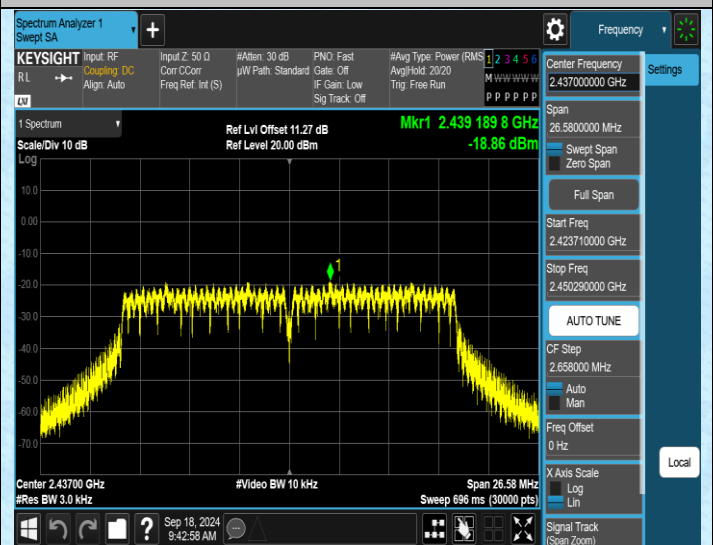
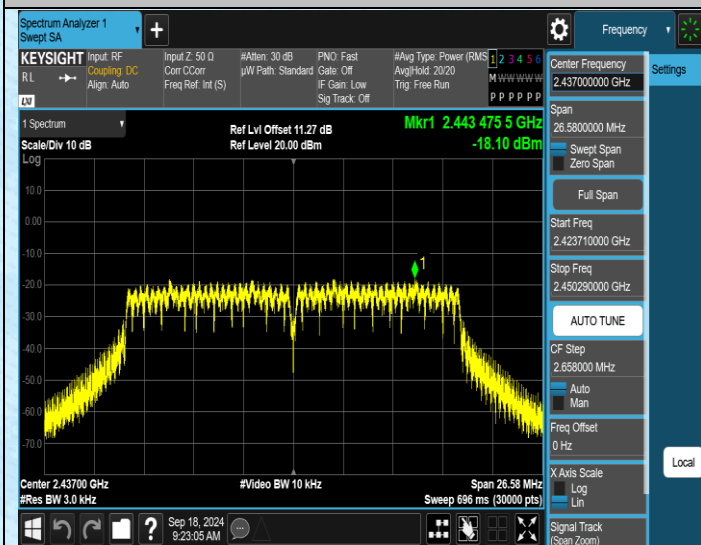
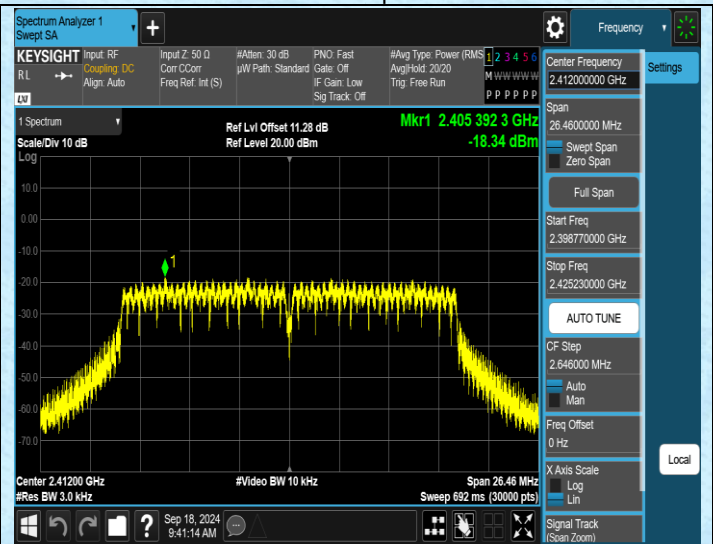
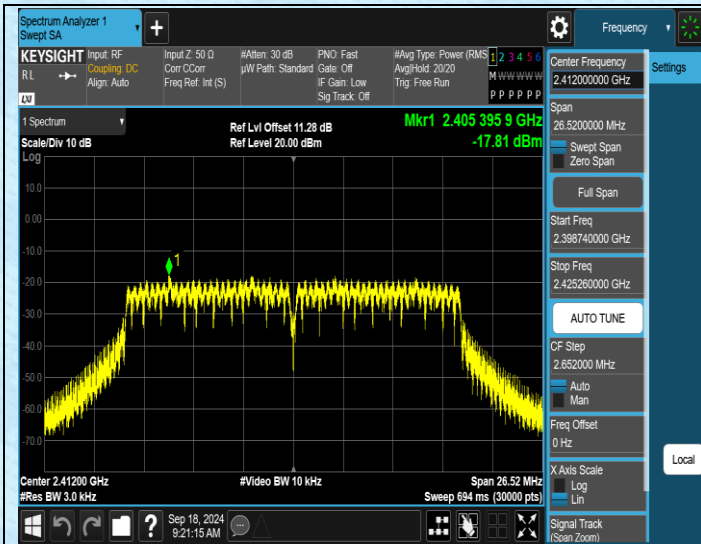
Test Mode	Antenna	Frequency[MHz]	Rate	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	1Mbps	-15.81	≤8.00	PASS
11B	Ant2	2412	1Mbps	-15.66	≤8.00	PASS
11B	Ant1	2437	1Mbps	-15.74	≤8.00	PASS
11B	Ant2	2437	1Mbps	-16.17	≤8.00	PASS
11B	Ant1	2462	1Mbps	-16.32	≤8.00	PASS
11B	Ant2	2462	1Mbps	-15.68	≤8.00	PASS
11G	Ant1	2412	6Mbps	-18.23	≤8.00	PASS
11G	Ant2	2412	6Mbps	-18.58	≤8.00	PASS
11G	Ant1	2437	6Mbps	-18.27	≤8.00	PASS
11G	Ant2	2437	6Mbps	-18.73	≤8.00	PASS
11G	Ant1	2462	6Mbps	-18.35	≤8.00	PASS
11G	Ant2	2462	6Mbps	-18.5	≤8.00	PASS
11N20SISO	Ant1	2412	MCS0	-17.81	≤8.00	PASS
11N20SISO	Ant2	2412	MCS0	-18.34	≤8.00	PASS
11N20SISO	Ant1	2437	MCS0	-18.1	≤8.00	PASS
11N20SISO	Ant2	2437	MCS0	-18.86	≤8.00	PASS
11N20SISO	Ant1	2462	MCS0	-18.16	≤8.00	PASS
11N20SISO	Ant2	2462	MCS0	-17.87	≤8.00	PASS
11N40SISO	Ant1	2422	MCS0	-18.18	≤8.00	PASS
11N40SISO	Ant2	2422	MCS0	-19.05	≤8.00	PASS
11N40SISO	Ant1	2437	MCS0	-18.32	≤8.00	PASS
11N40SISO	Ant2	2437	MCS0	-19.11	≤8.00	PASS
11N40SISO	Ant1	2452	MCS0	-17.48	≤8.00	PASS
11N40SISO	Ant2	2452	MCS0	-17.82	≤8.00	PASS
11N20MIMO	Ant1	2412	MCS0	-20.18	≤8.00	PASS
11N20MIMO	Ant2	2412	MCS0	-21.65	≤8.00	PASS
11N20MIMO	total	2412	MCS0	-17.84	≤8.00	PASS
11N20MIMO	Ant1	2437	MCS0	-20.53	≤8.00	PASS
11N20MIMO	Ant2	2437	MCS0	-22.37	≤8.00	PASS
11N20MIMO	total	2437	MCS0	-18.34	≤8.00	PASS
11N20MIMO	Ant1	2462	MCS0	-19.96	≤8.00	PASS
11N20MIMO	Ant2	2462	MCS0	-21.54	≤8.00	PASS
11N20MIMO	total	2462	MCS0	-17.67	≤8.00	PASS
11N40MIMO	Ant1	2422	MCS0	-20.3	≤8.00	PASS
11N40MIMO	Ant2	2422	MCS0	-21.88	≤8.00	PASS
11N40MIMO	total	2422	MCS0	-18.01	≤8.00	PASS
11N40MIMO	Ant1	2437	MCS0	-19.92	≤8.00	PASS
11N40MIMO	Ant2	2437	MCS0	-23.04	≤8.00	PASS
11N40MIMO	total	2437	MCS0	-18.20	≤8.00	PASS
11N40MIMO	Ant1	2452	MCS0	-20.07	≤8.00	PASS

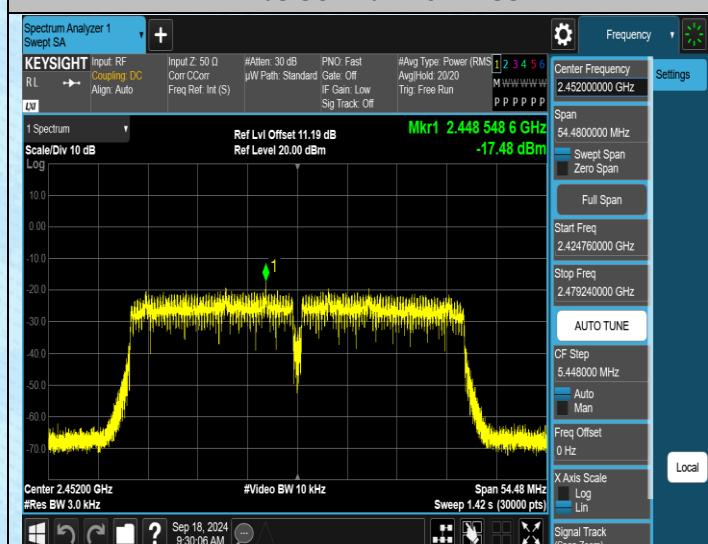
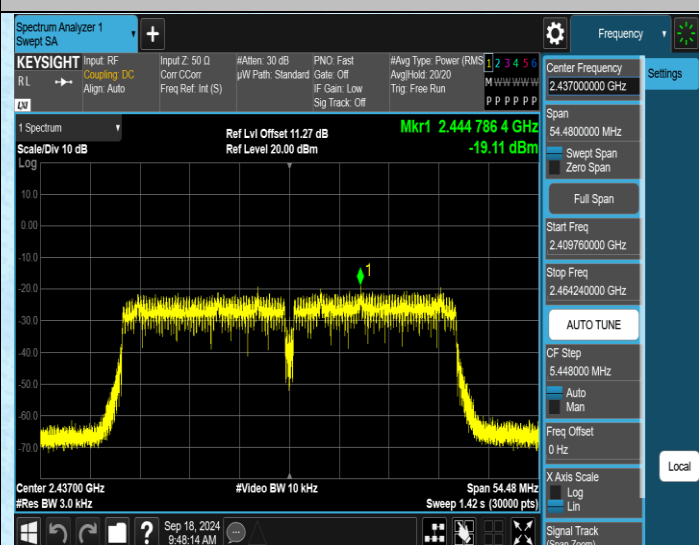
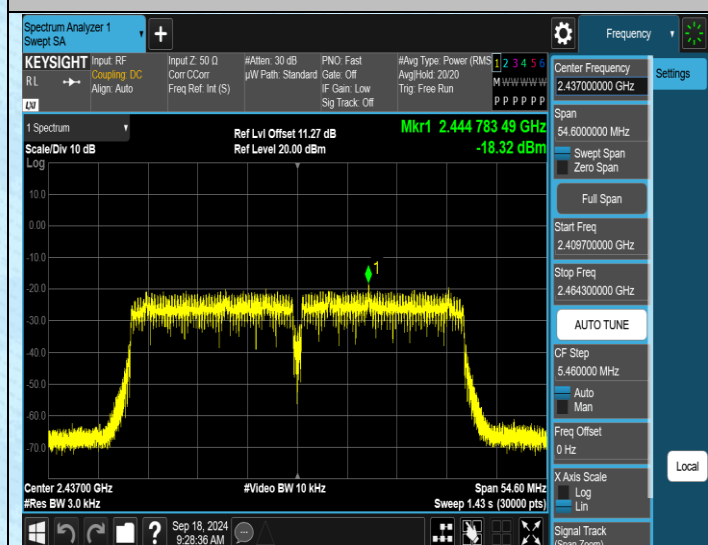
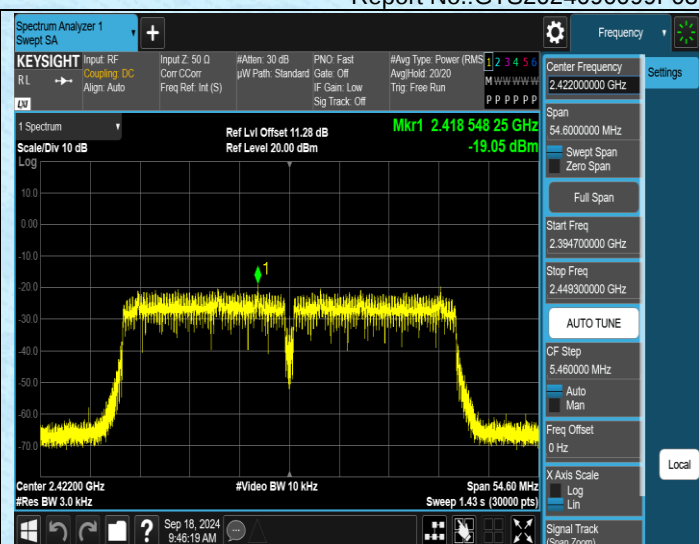
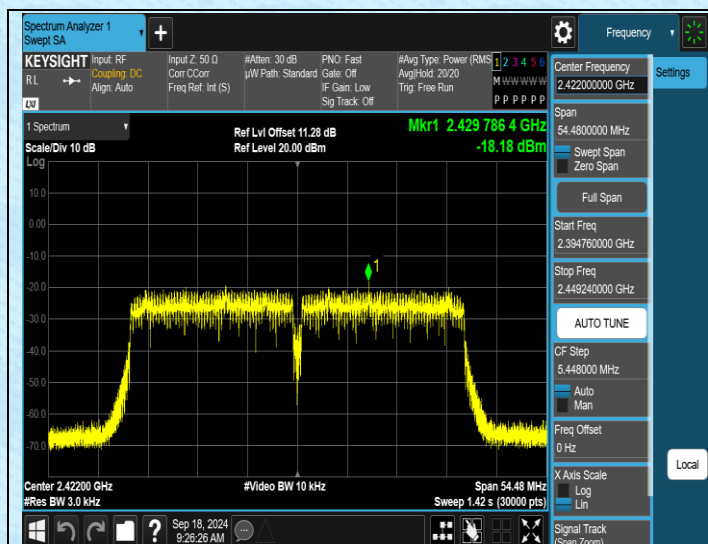
11N40MIMO	Ant2	2452	MCS0	-21.27	≤8.00	PASS
11N40MIMO	total	2452	MCS0	-17.62	≤8.00	PASS

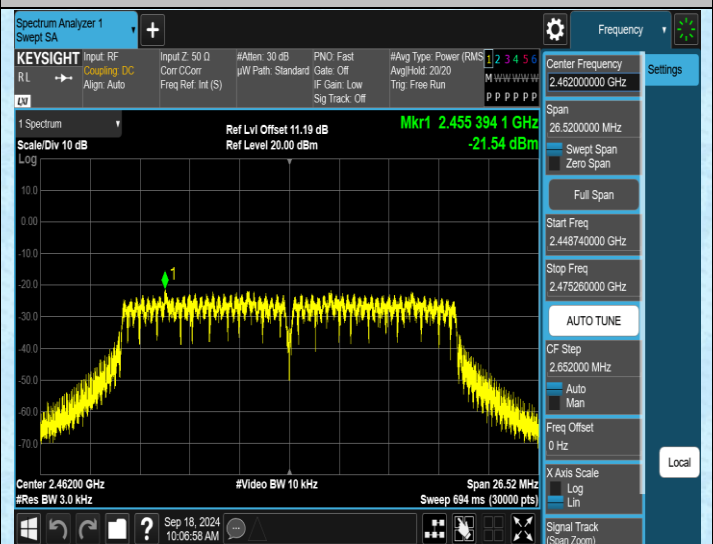
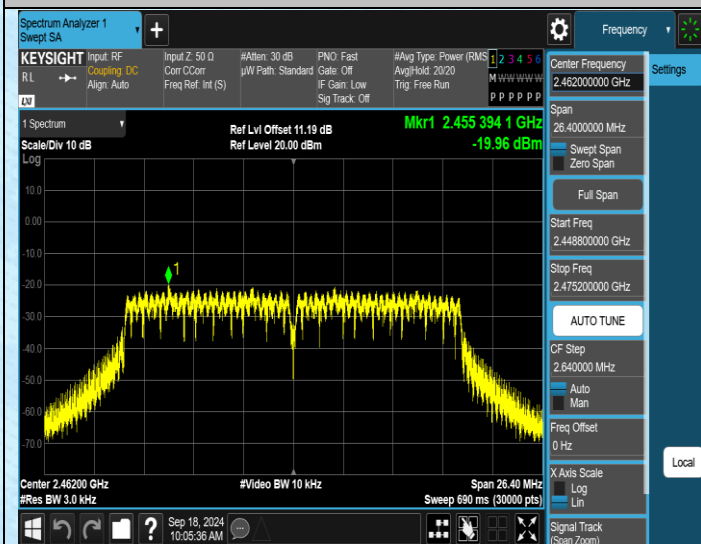
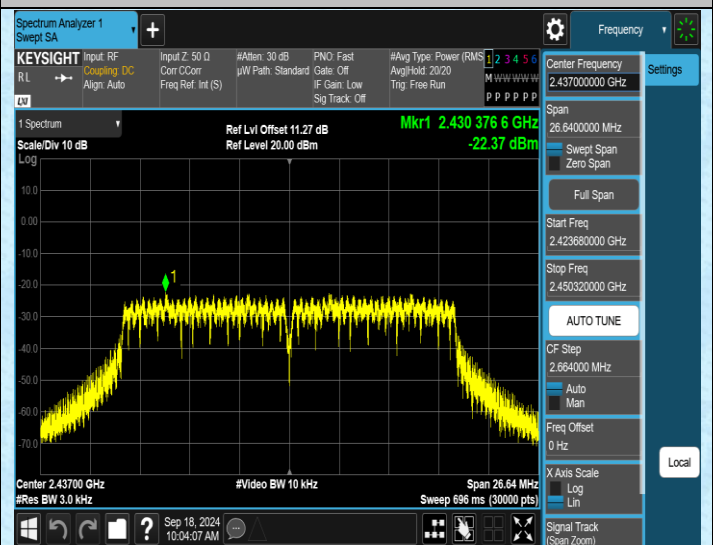
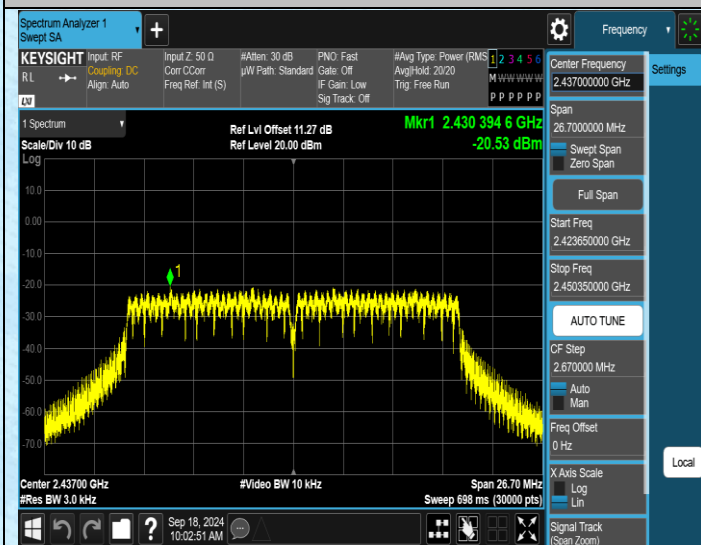
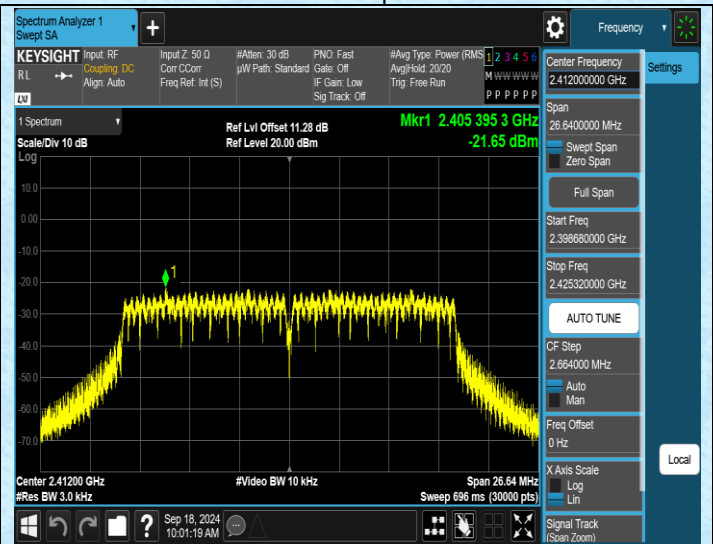
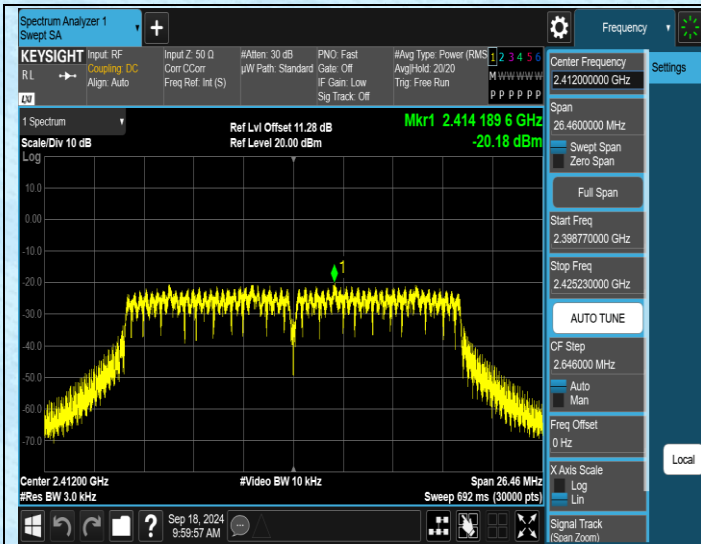
Test Graphs

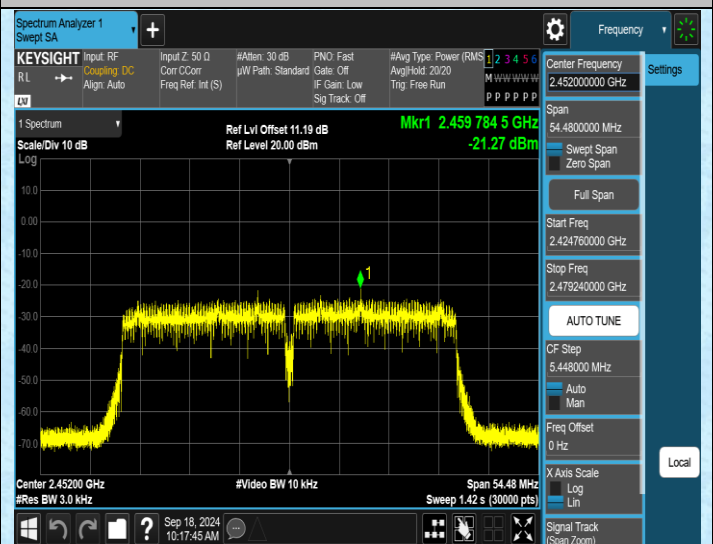
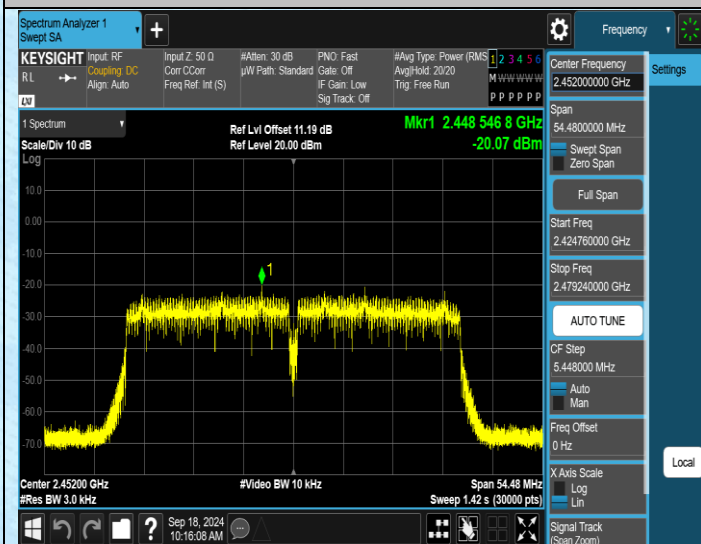
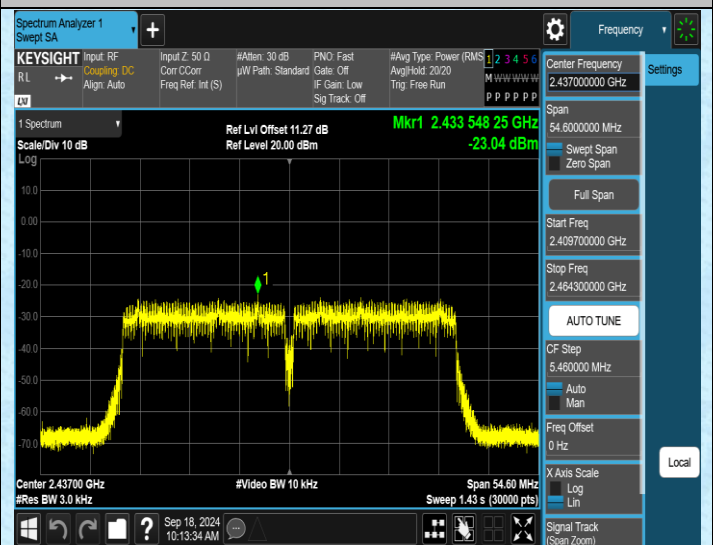
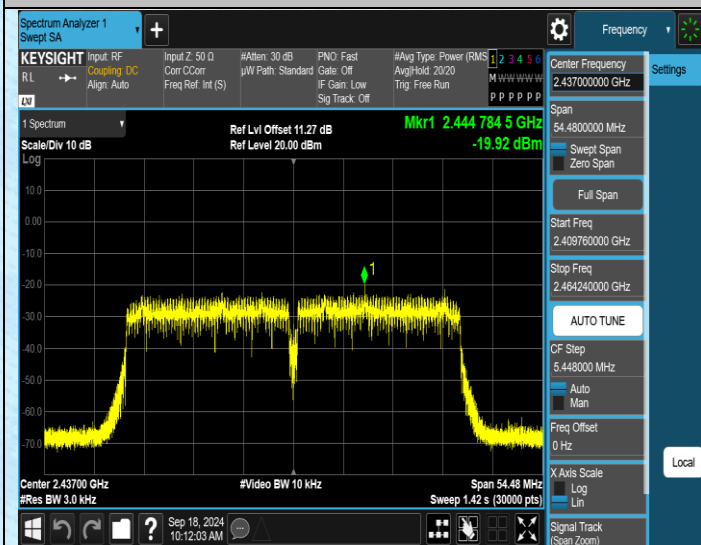
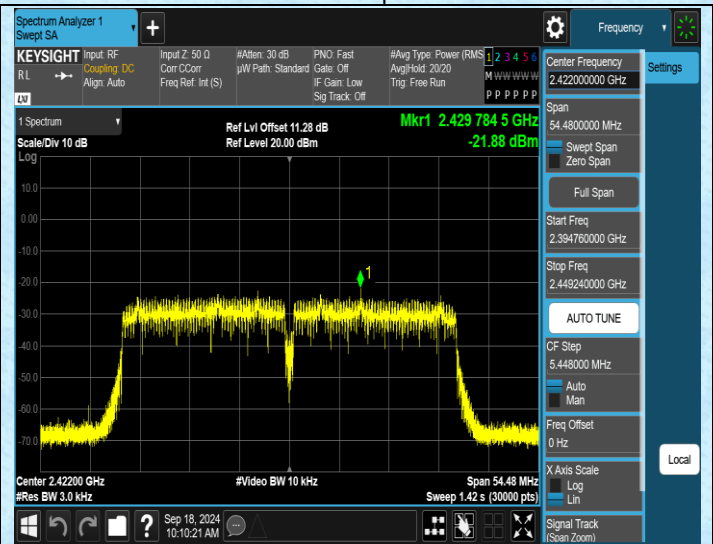
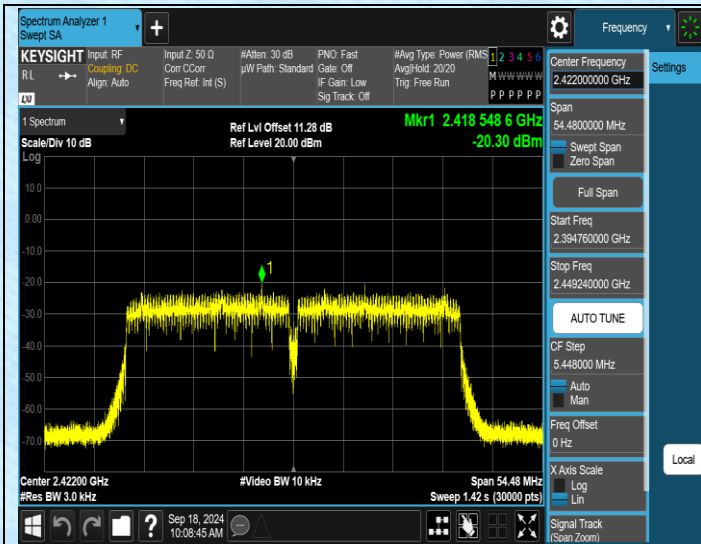












AppendixE:Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	Rate	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	1Mbps	4.65	-34.3	≤-15.35	PASS
11B	Ant2	Low	2412	1Mbps	4.82	-34.11	≤-15.18	PASS
11B	Ant1	High	2462	1Mbps	3.89	-48.17	≤-16.11	PASS
11B	Ant2	High	2462	1Mbps	4.66	-46.62	≤-15.34	PASS
11G	Ant1	Low	2412	6Mbps	-3.62	-38.18	≤-23.62	PASS
11G	Ant2	Low	2412	6Mbps	-4.16	-39.41	≤-24.16	PASS
11G	Ant1	High	2462	6Mbps	-4.29	-49.06	≤-24.29	PASS
11G	Ant2	High	2462	6Mbps	-3.95	-48.84	≤-23.95	PASS
11N20SISO	Ant1	Low	2412	MCS0	-4.07	-39.88	≤-24.07	PASS
11N20SISO	Ant2	Low	2412	MCS0	-3.57	-38.78	≤-23.57	PASS
11N20SISO	Ant1	High	2462	MCS0	-3.80	-48.94	≤-23.8	PASS
11N20SISO	Ant2	High	2462	MCS0	-4.10	-48.86	≤-24.1	PASS
11N40SISO	Ant1	Low	2422	MCS0	-6.79	-47.84	≤-26.79	PASS
11N40SISO	Ant2	Low	2422	MCS0	-7.06	-46.99	≤-27.06	PASS
11N40SISO	Ant1	High	2452	MCS0	-6.74	-49.34	≤-26.74	PASS
11N40SISO	Ant2	High	2452	MCS0	-7.32	-47.49	≤-27.32	PASS
11N20MIMO	Ant1	Low	2412	MCS0	-5.86	-41.11	≤-25.86	PASS
11N20MIMO	Ant2	Low	2412	MCS0	-7.35	-42.63	≤-27.35	PASS
11N20MIMO	Ant1	High	2462	MCS0	-6.05	-47.83	≤-26.05	PASS
11N20MIMO	Ant2	High	2462	MCS0	-7.59	-49.1	≤-27.59	PASS
11N40MIMO	Ant1	Low	2422	MCS0	-9.39	-48.13	≤-29.39	PASS
11N40MIMO	Ant2	Low	2422	MCS0	-10.62	-47.93	≤-30.62	PASS
11N40MIMO	Ant1	High	2452	MCS0	-9.25	-41.62	≤-29.25	PASS
11N40MIMO	Ant2	High	2452	MCS0	-10.36	-48.32	≤-30.36	PASS