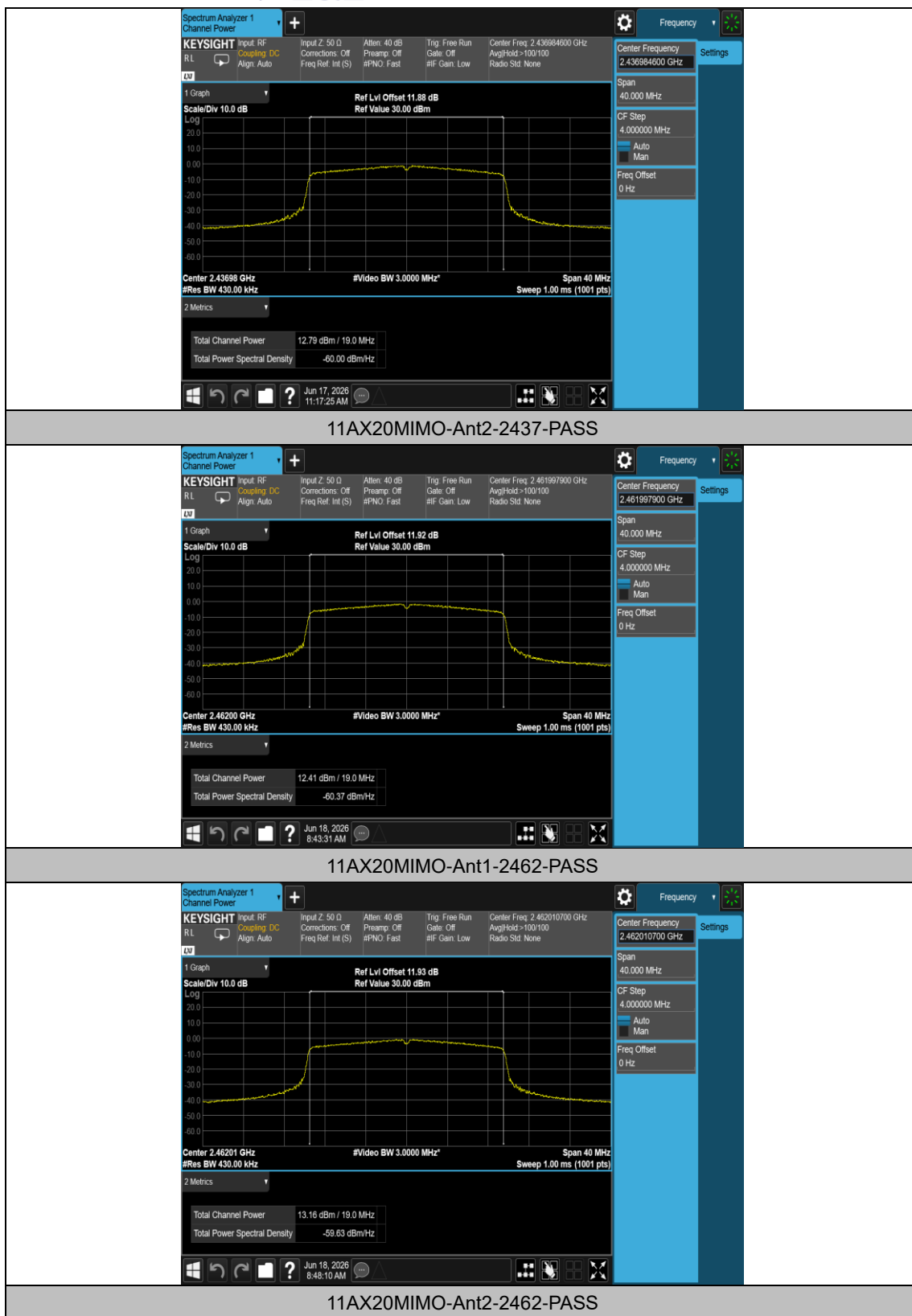
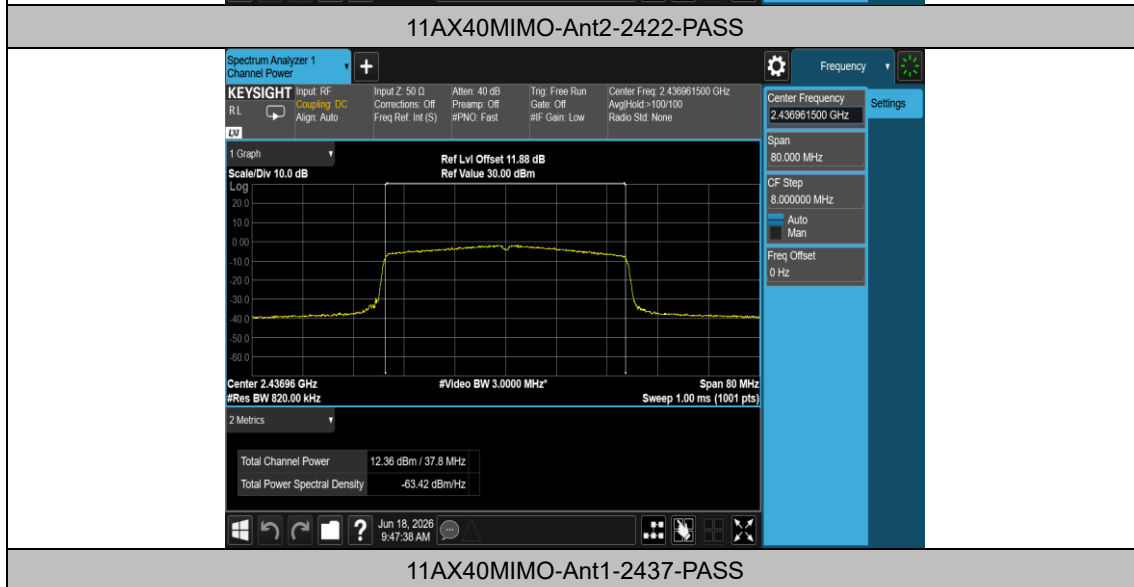
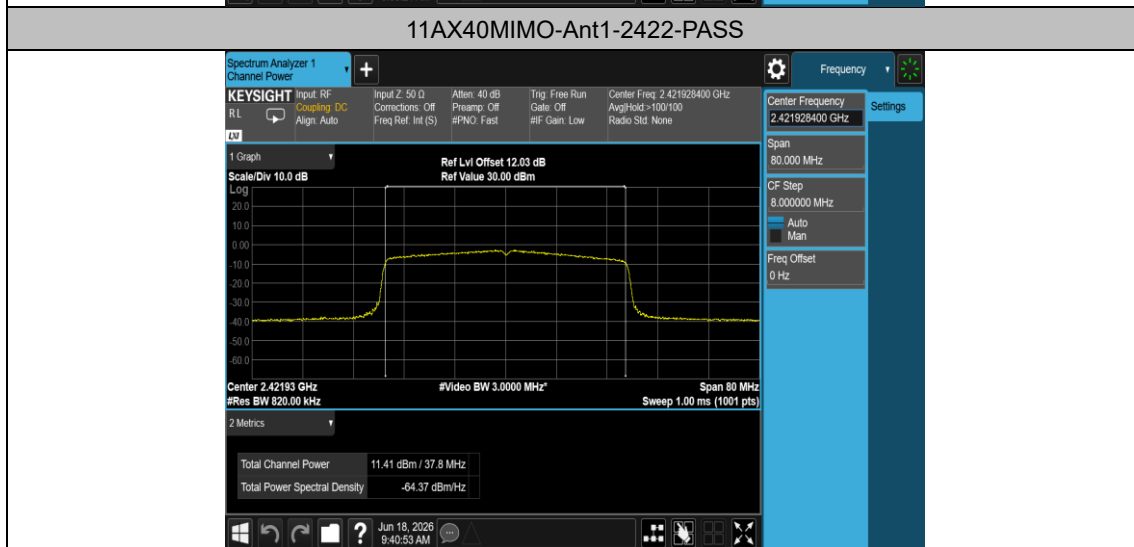
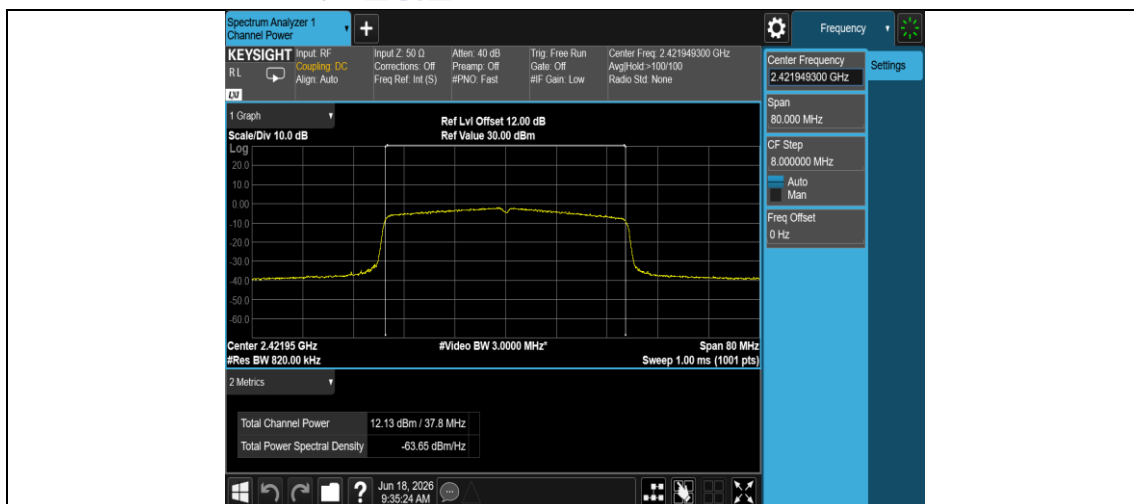








Appendix D: Maximum power spectral density

Test Result

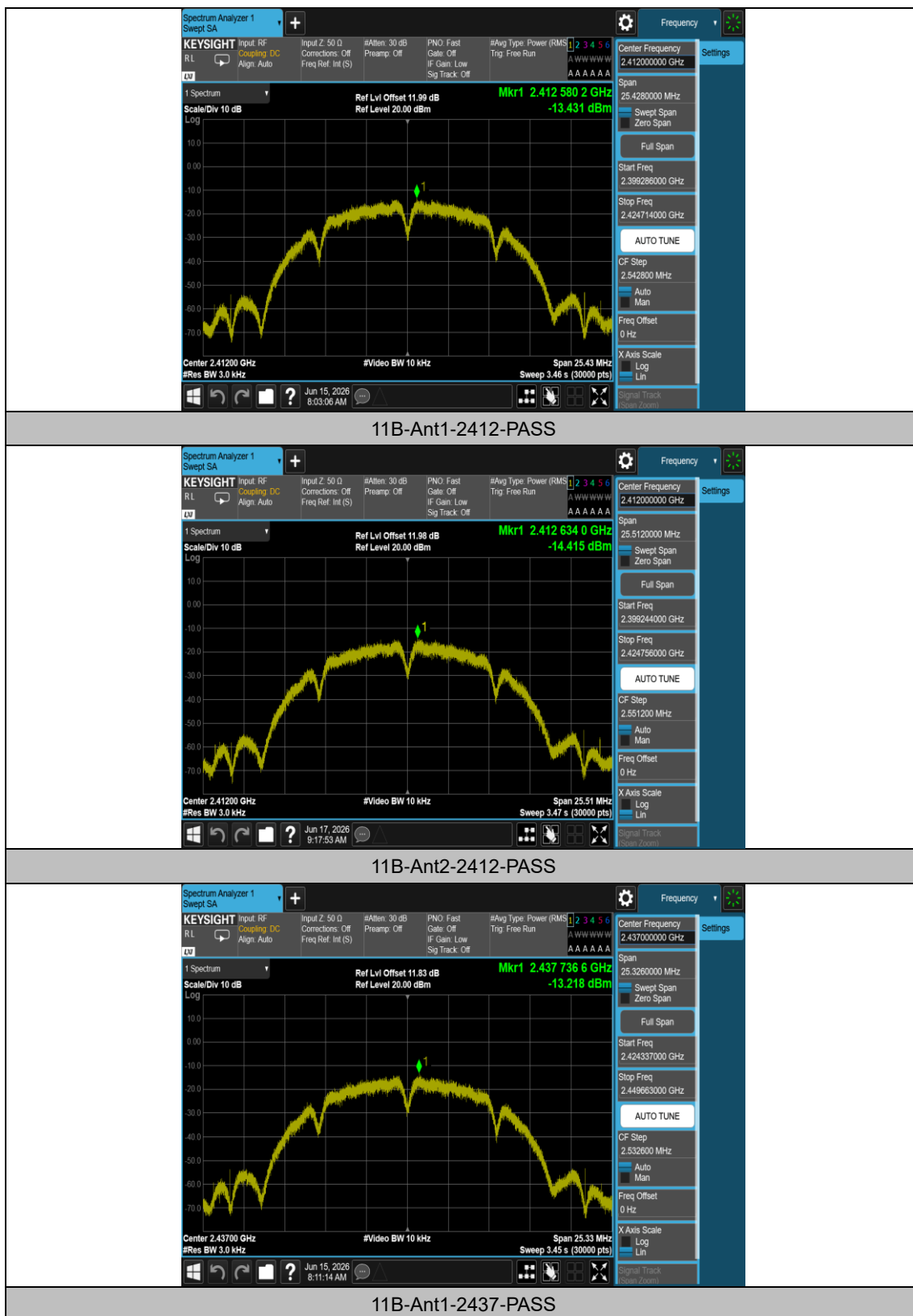
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-13.43	≤6.33	PASS
11B	Ant2	2412	-14.42	≤6.33	PASS
11B	Ant1	2437	-13.22	≤6.33	PASS
11B	Ant2	2437	-12.61	≤6.33	PASS
11B	Ant1	2462	-14.45	≤6.33	PASS
11B	Ant2	2462	-13.03	≤6.33	PASS
11G	Ant1	2412	-15.26	≤6.33	PASS
11G	Ant2	2412	-16.44	≤6.33	PASS
11G	Ant1	2437	-15.18	≤6.33	PASS
11G	Ant2	2437	-16.29	≤6.33	PASS
11G	Ant1	2462	-15.35	≤6.33	PASS
11G	Ant2	2462	-15.78	≤6.33	PASS
11N20MIMO	Ant1	2412	-17.60	≤6.33	PASS
11N20MIMO	Ant2	2412	-20.45	≤6.33	PASS
11N20MIMO	total	2412	-15.78	≤6.33	PASS
11N20MIMO	Ant1	2437	-16.42	≤6.33	PASS
11N20MIMO	Ant2	2437	-18.35	≤6.33	PASS
11N20MIMO	total	2437	-14.27	≤6.33	PASS
11N20MIMO	Ant1	2462	-18.93	≤6.33	PASS
11N20MIMO	Ant2	2462	-18.11	≤6.33	PASS
11N20MIMO	total	2462	-15.49	≤6.33	PASS
11N40MIMO	Ant1	2422	-24.15	≤6.33	PASS
11N40MIMO	Ant2	2422	-22.69	≤6.33	PASS
11N40MIMO	total	2422	-20.35	≤6.33	PASS
11N40MIMO	Ant1	2437	-22.24	≤6.33	PASS
11N40MIMO	Ant2	2437	-21.18	≤6.33	PASS
11N40MIMO	total	2437	-18.67	≤6.33	PASS
11N40MIMO	Ant1	2452	-22.49	≤6.33	PASS
11N40MIMO	Ant2	2452	-22.14	≤6.33	PASS
11N40MIMO	total	2452	-19.30	≤6.33	PASS
11AX20MIMO	Ant1	2412	-19.11	≤6.33	PASS
11AX20MIMO	Ant2	2412	-21.92	≤6.33	PASS
11AX20MIMO	total	2412	-17.28	≤6.33	PASS
11AX20MIMO	Ant1	2437	-16.88	≤6.33	PASS
11AX20MIMO	Ant2	2437	-19.21	≤6.33	PASS
11AX20MIMO	total	2437	-14.88	≤6.33	PASS
11AX20MIMO	Ant1	2462	-19.14	≤6.33	PASS

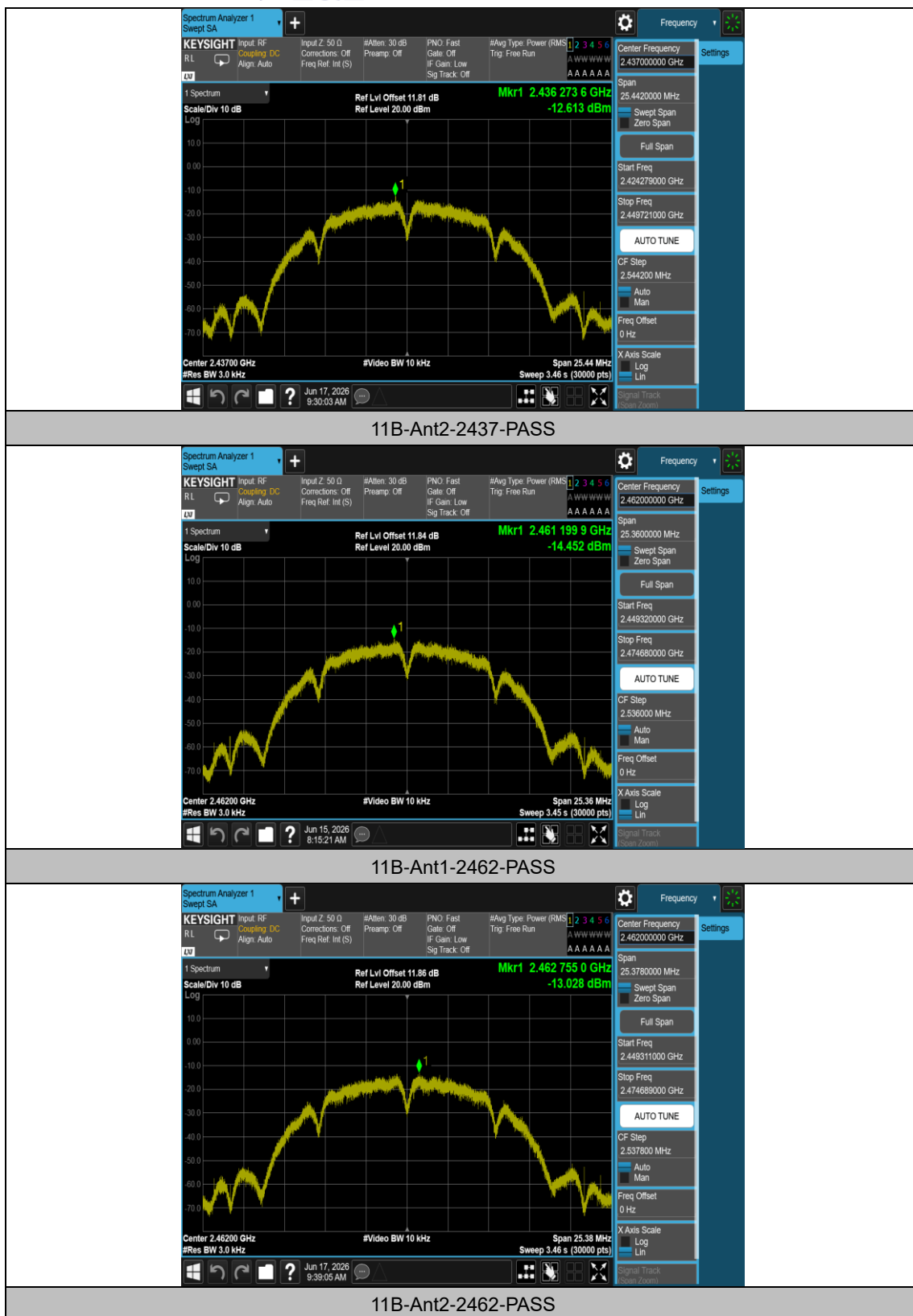
11AX20MIMO	Ant2	2462	-19.10	≤6.33	PASS
11AX20MIMO	total	2462	-16.11	≤6.33	PASS
11AX40MIMO	Ant1	2422	-22.78	≤6.33	PASS
11AX40MIMO	Ant2	2422	-24.32	≤6.33	PASS
11AX40MIMO	total	2422	-20.47	≤6.33	PASS
11AX40MIMO	Ant1	2437	-23.32	≤6.33	PASS
11AX40MIMO	Ant2	2437	-22.35	≤6.33	PASS
11AX40MIMO	total	2437	-19.80	≤6.33	PASS
11AX40MIMO	Ant1	2452	-23.63	≤6.33	PASS
11AX40MIMO	Ant2	2452	-22.88	≤6.33	PASS
11AX40MIMO	total	2452	-20.23	≤6.33	PASS

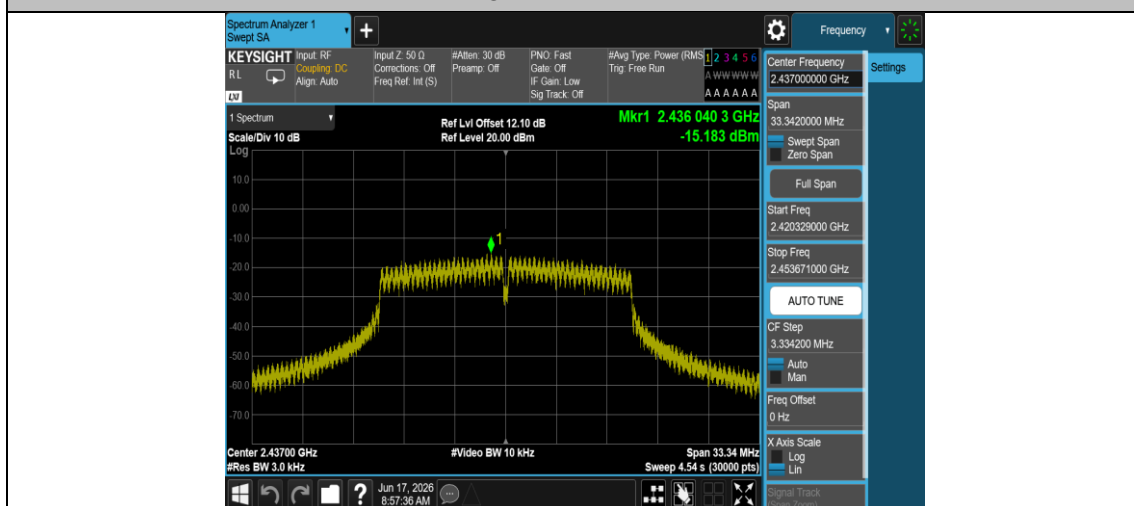
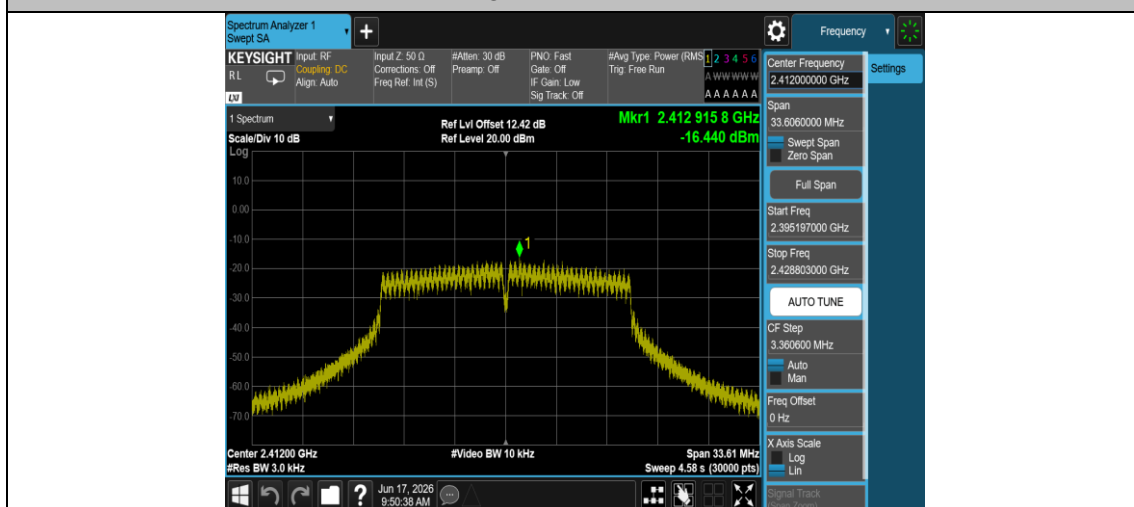
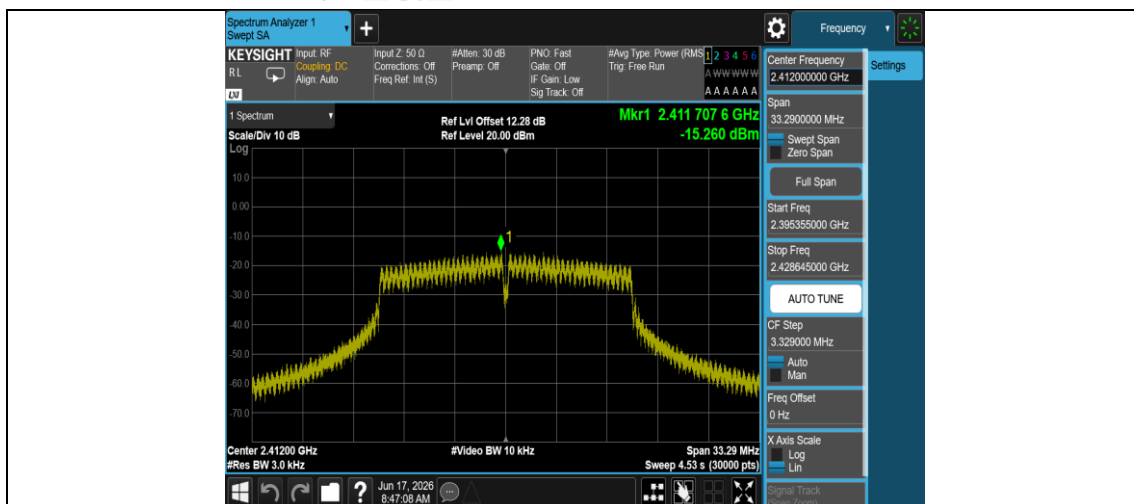
Directional gain=[GainANT + 10 log(NANT) dBi] =7.67dbi<6dbi

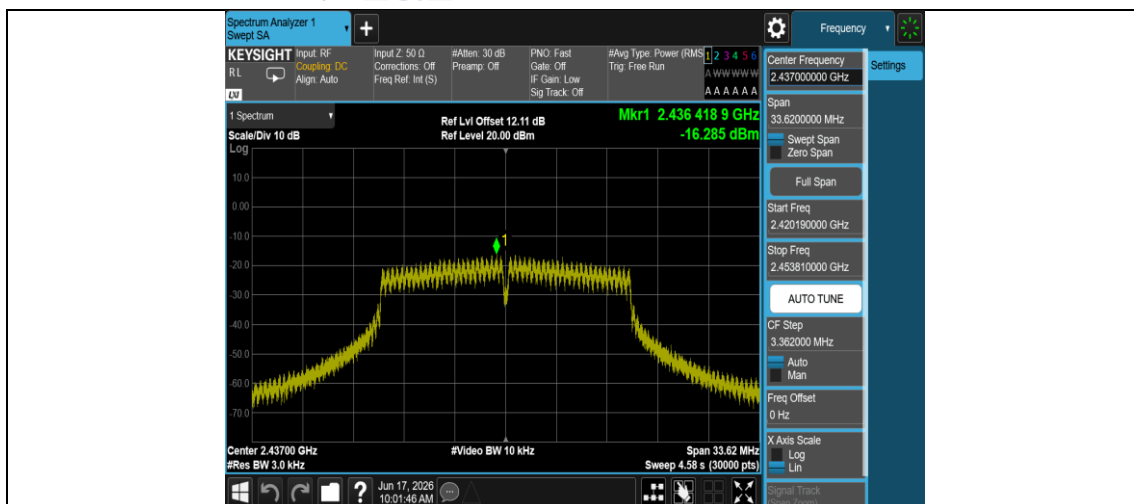
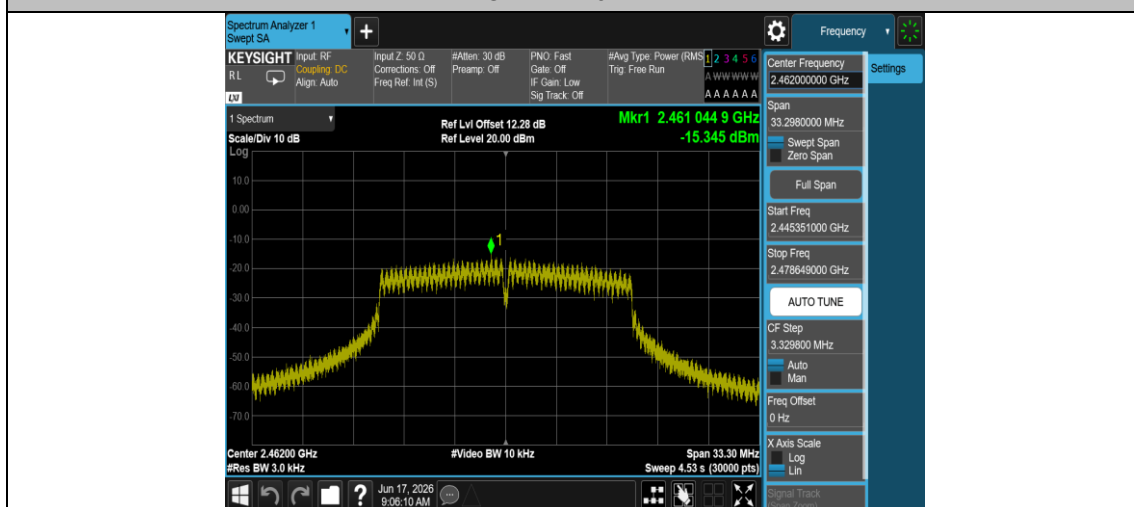
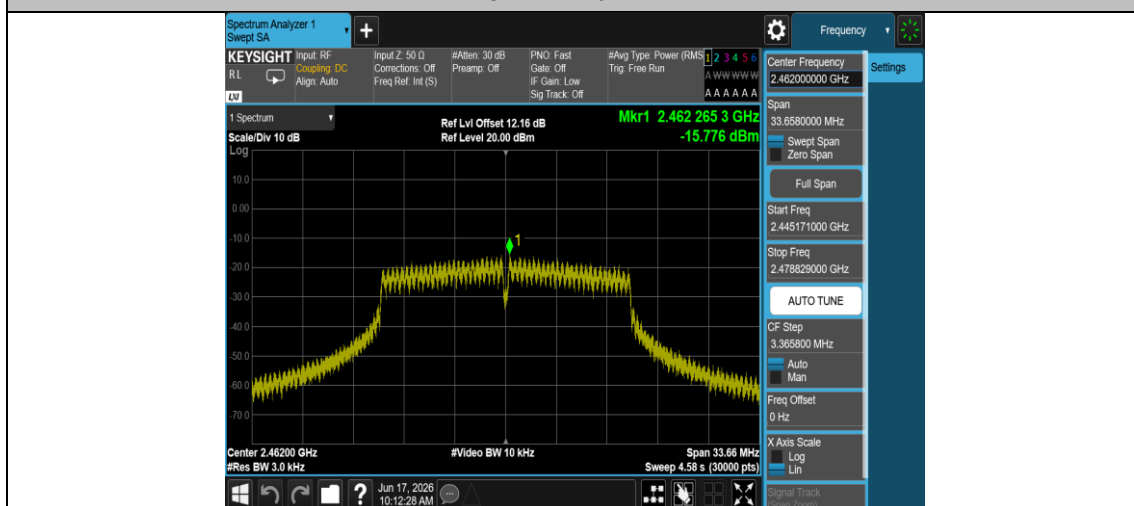
Limit=8-(7.67-6)=6.33dBm

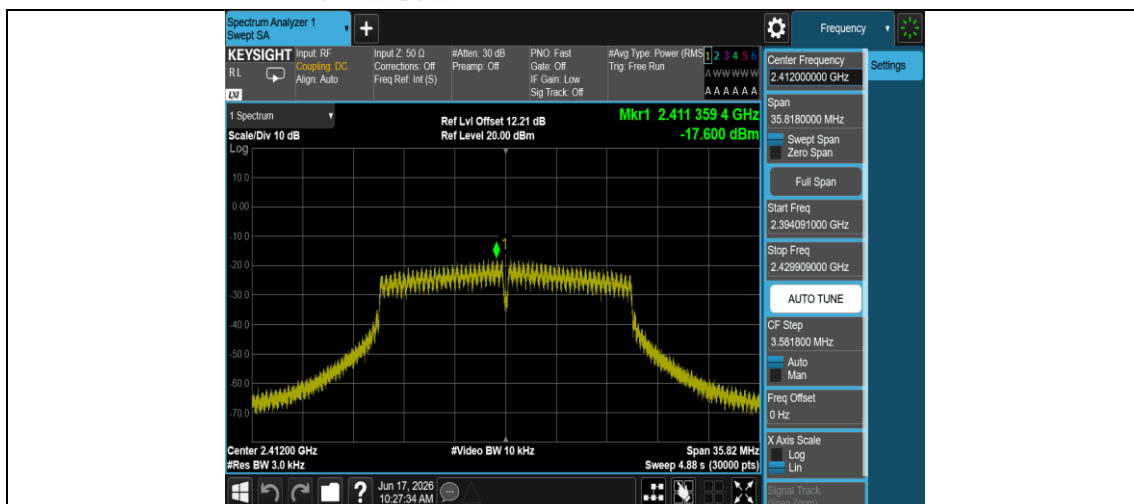
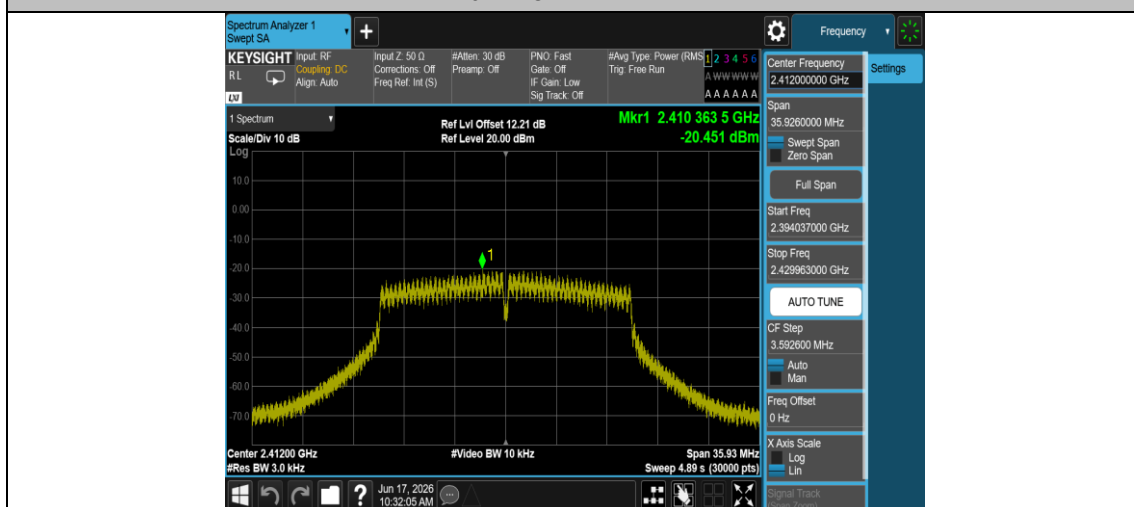
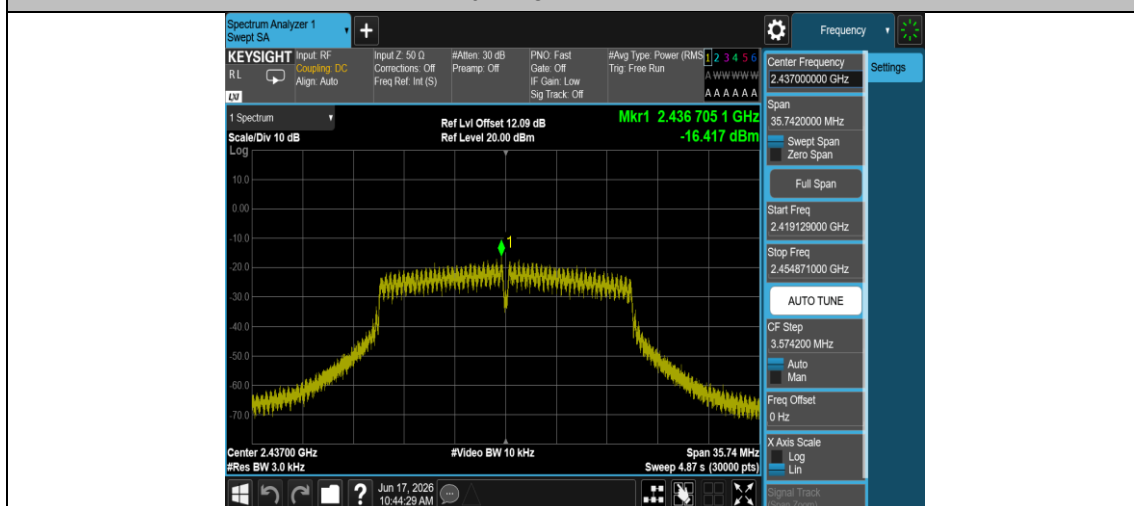
Test Graphs

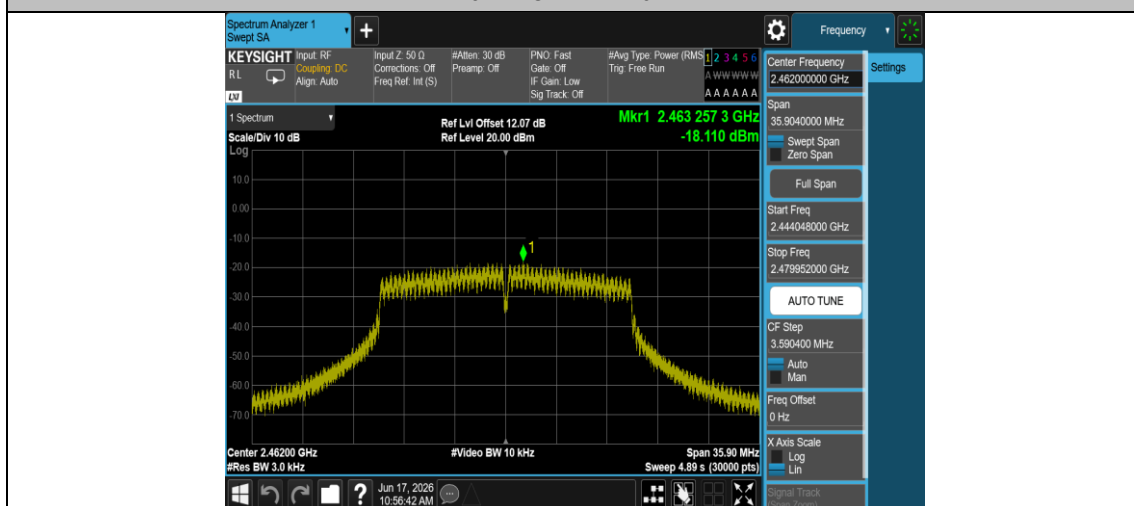
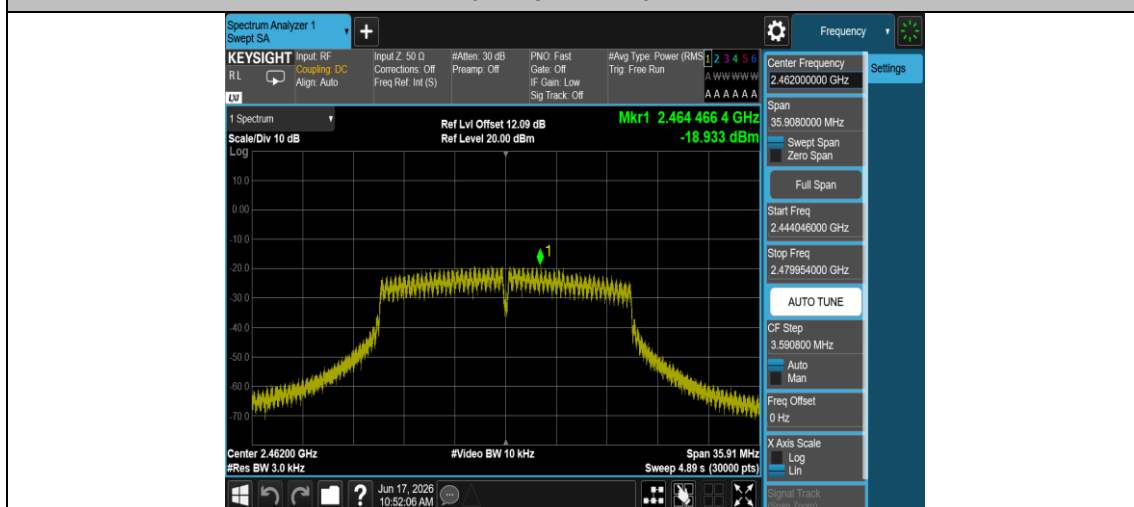
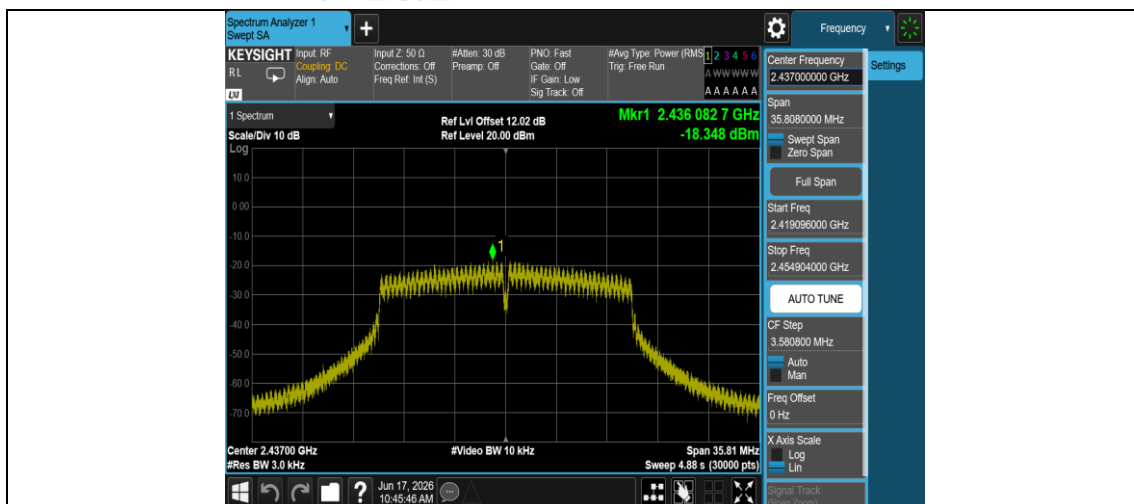


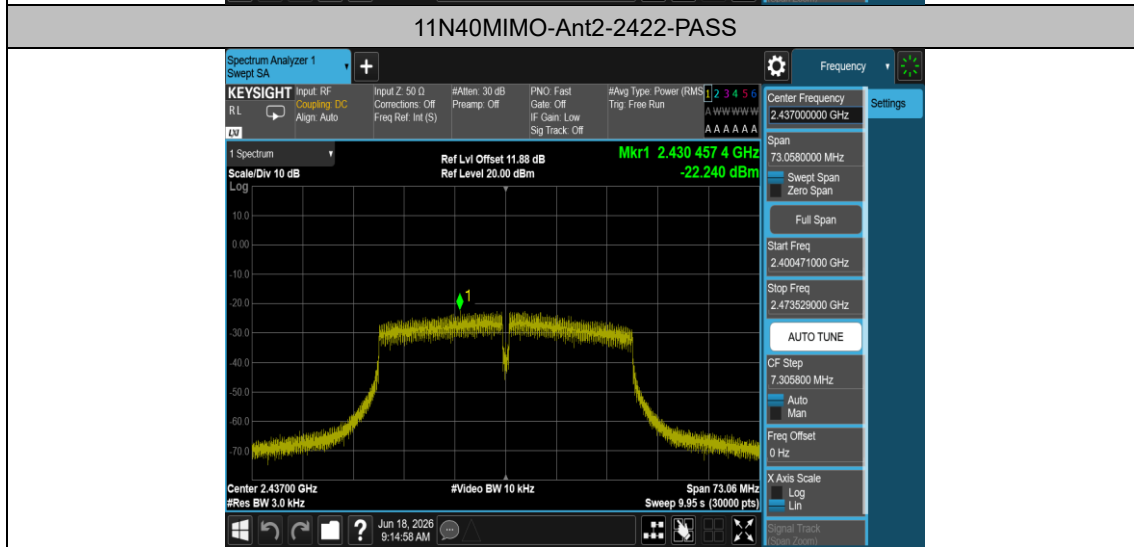
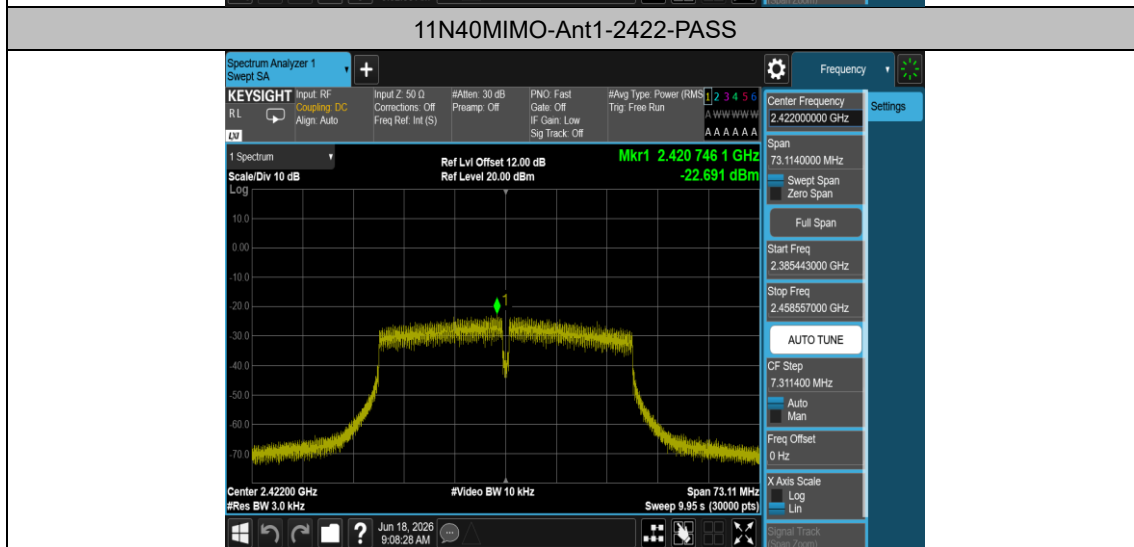
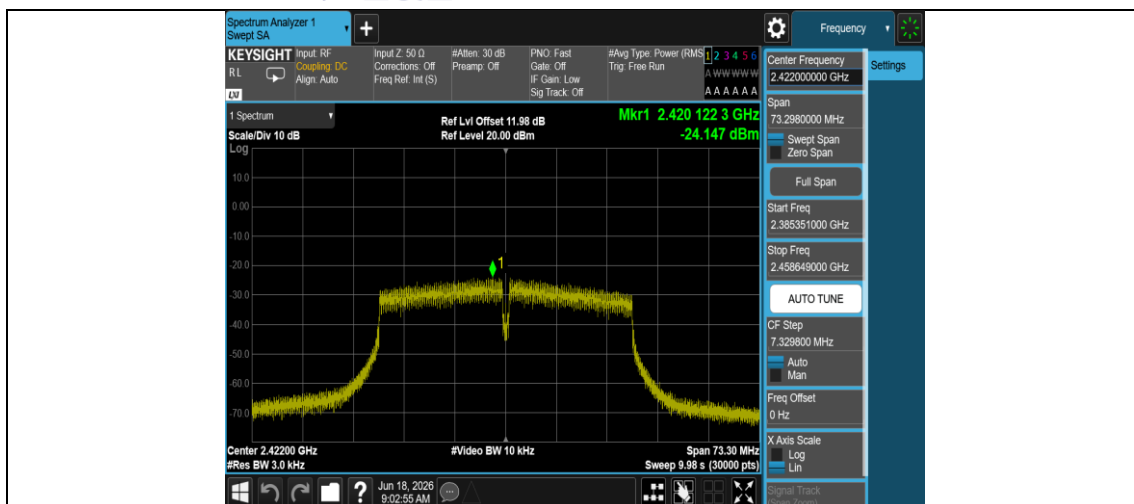


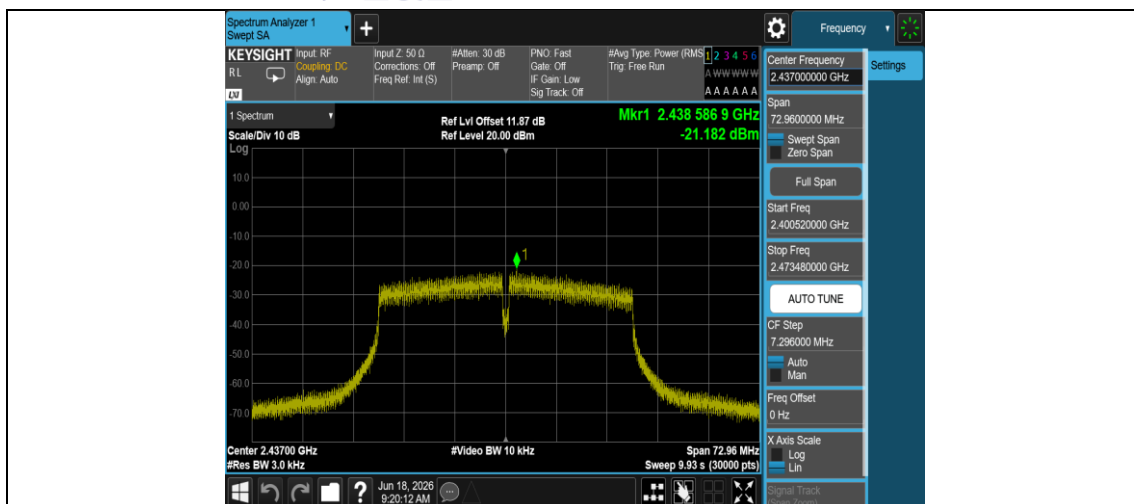



11G-Ant2-2437-PASS

11G-Ant1-2462-PASS

11G-Ant2-2462-PASS

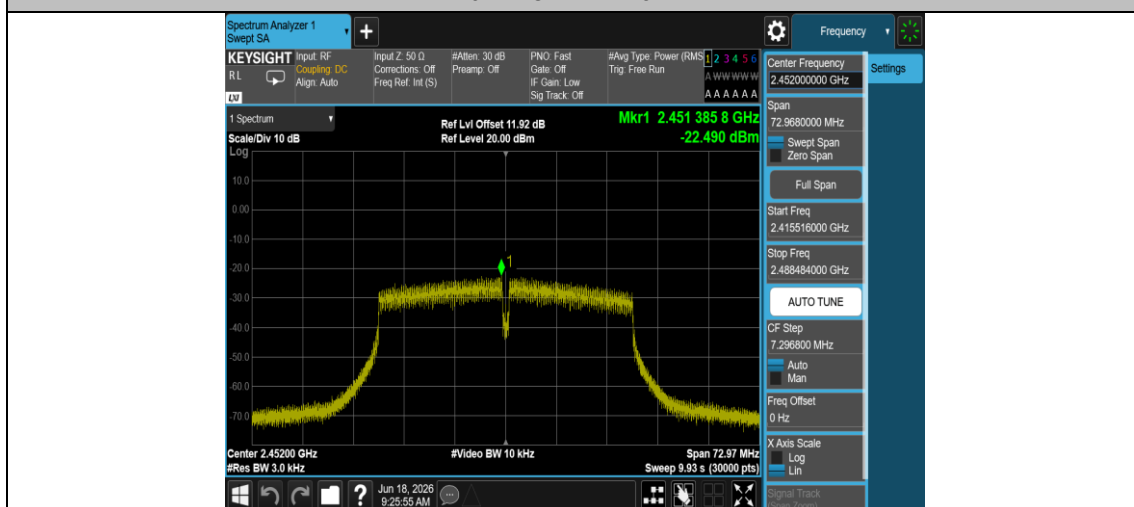

11N20MIMO-Ant1-2412-PASS

11N20MIMO-Ant2-2412-PASS

11N20MIMO-Ant1-2437-PASS



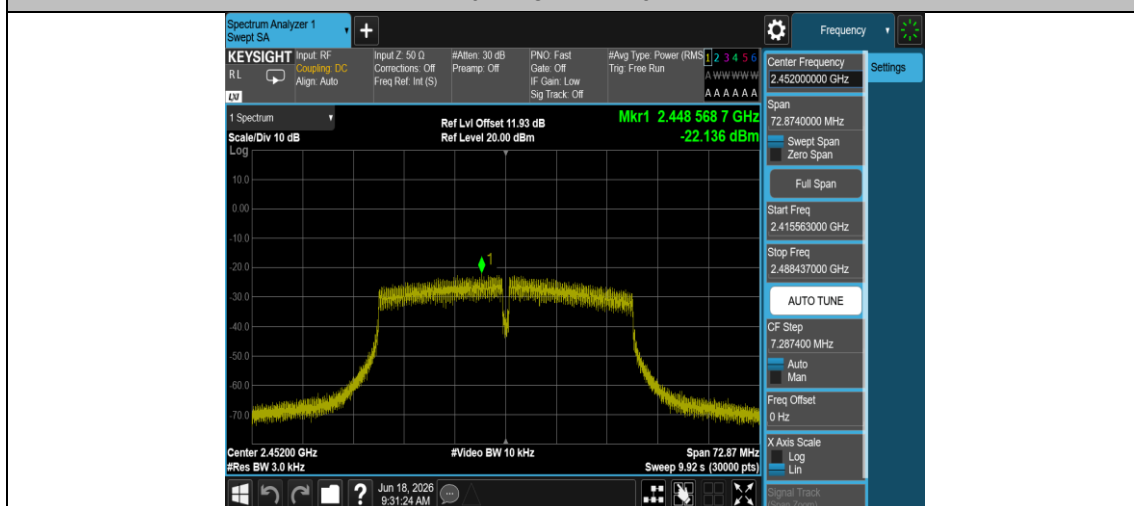




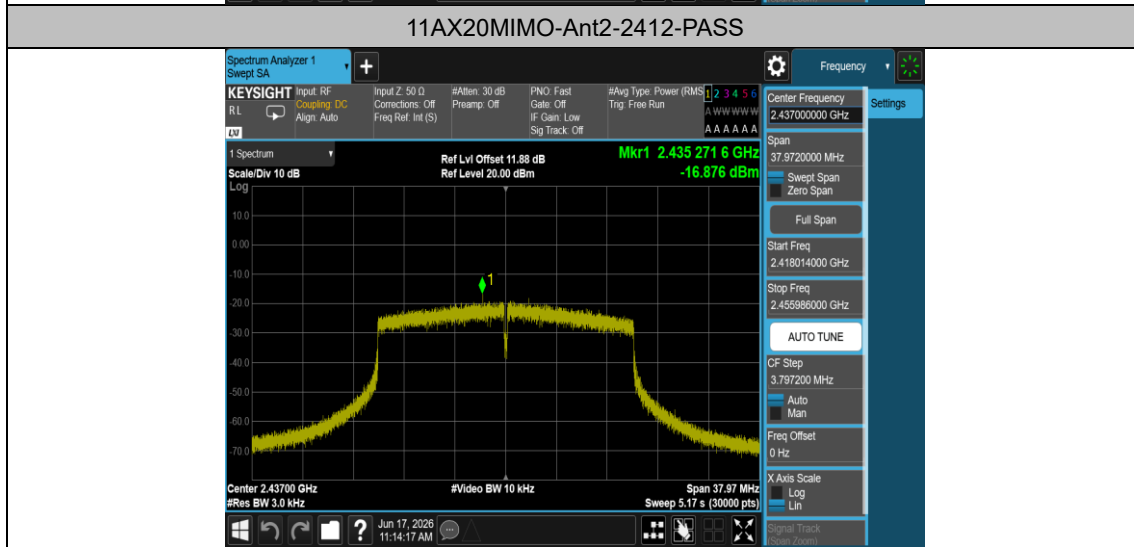
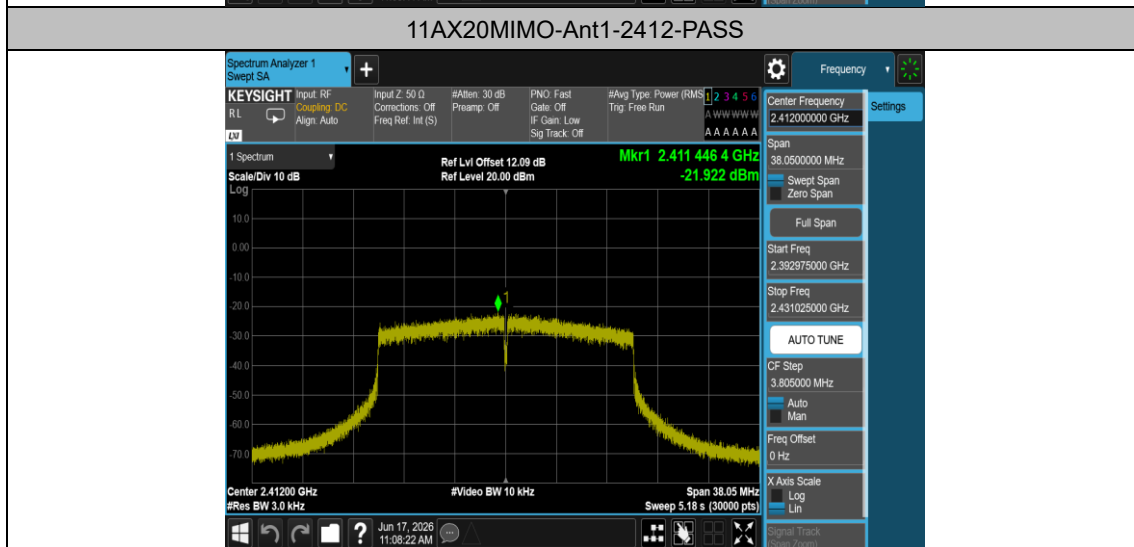
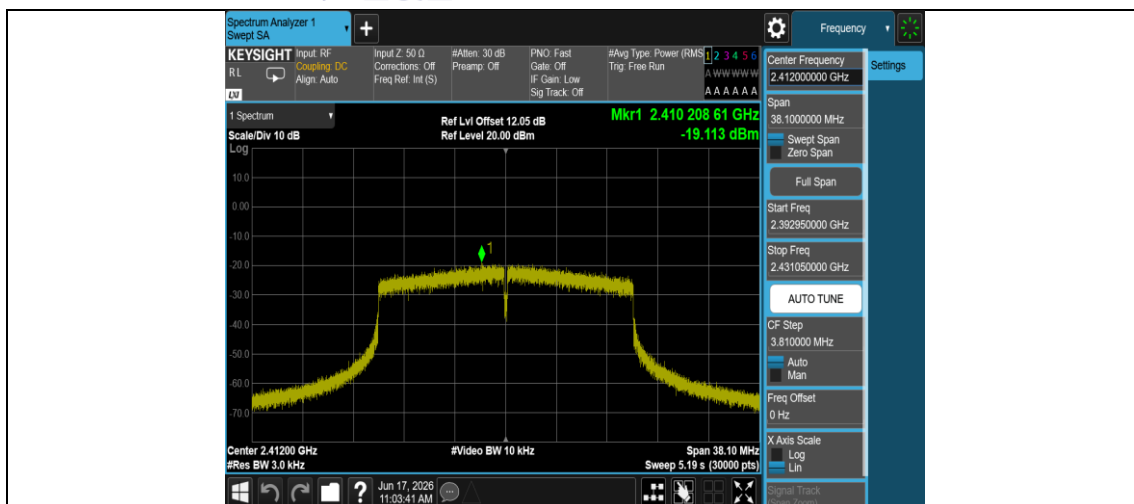
11N40MIMO-Ant2-2437-PASS

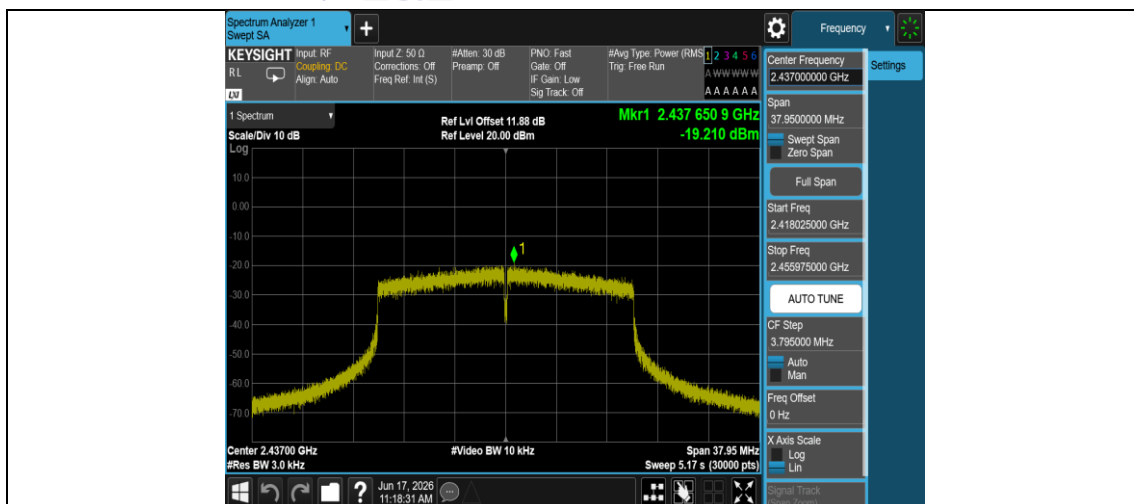
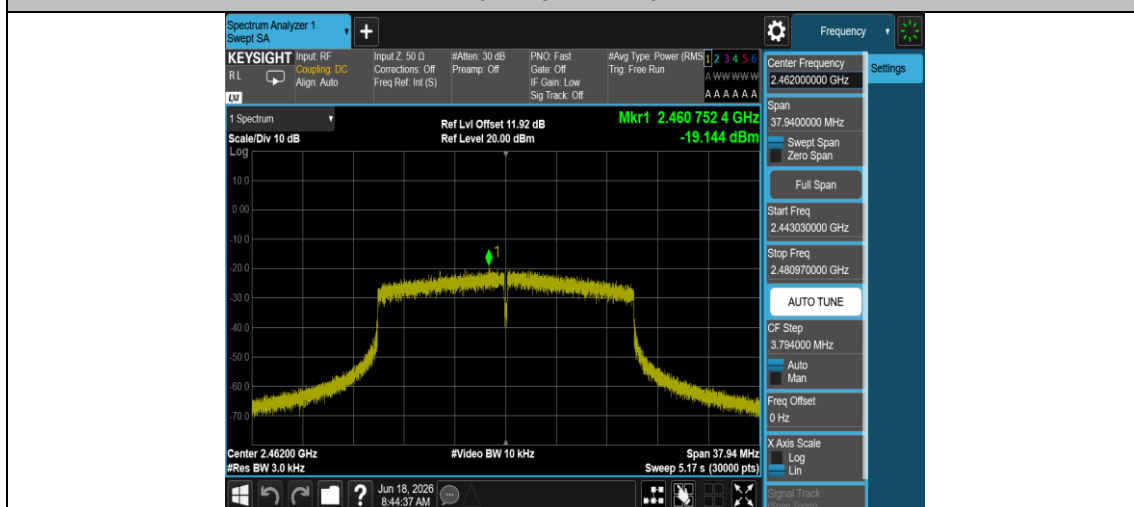
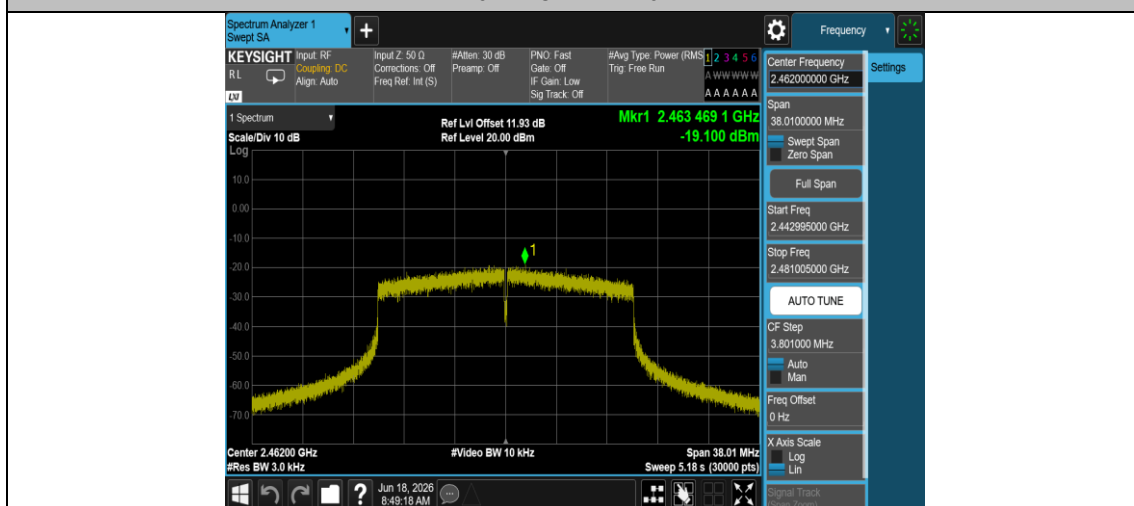


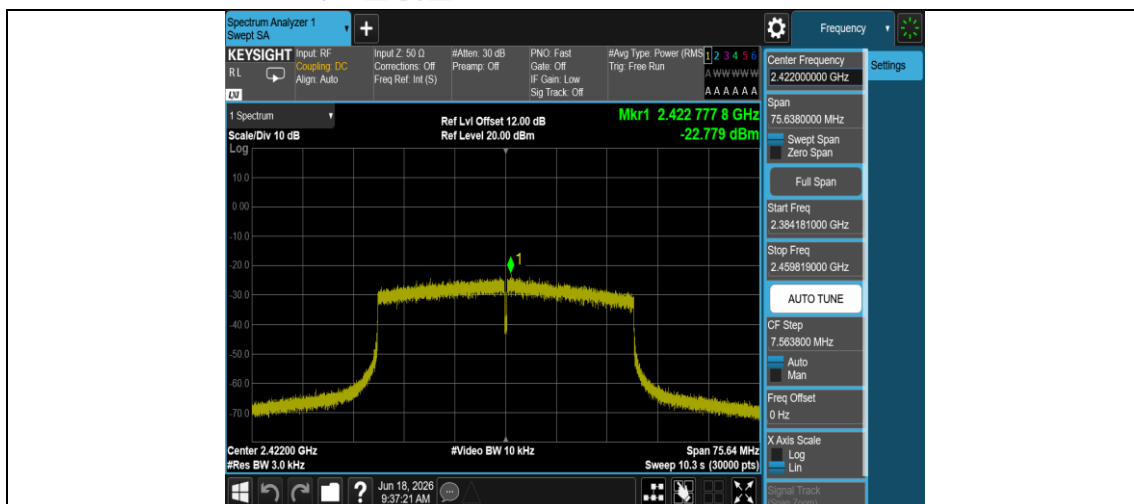
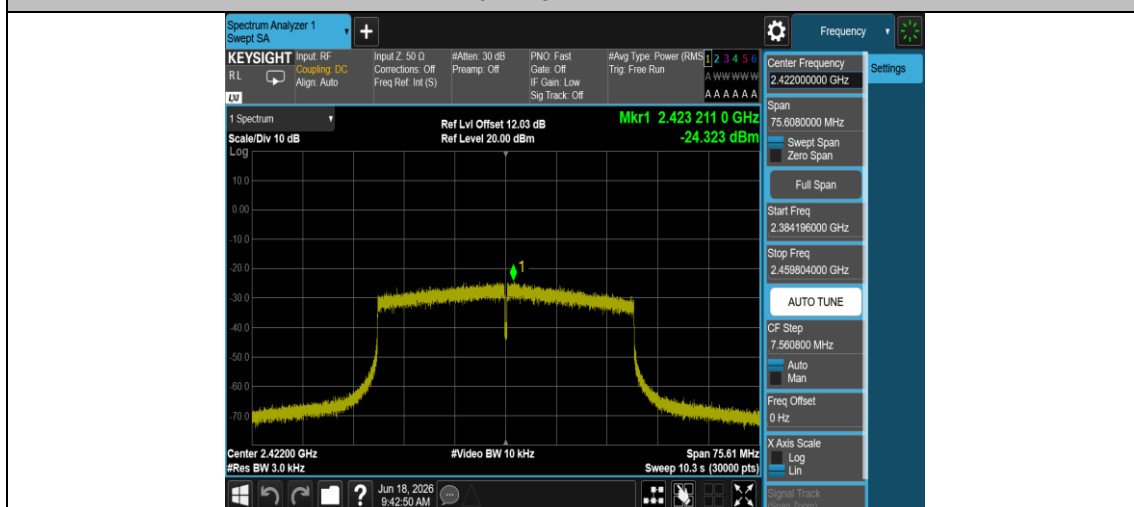
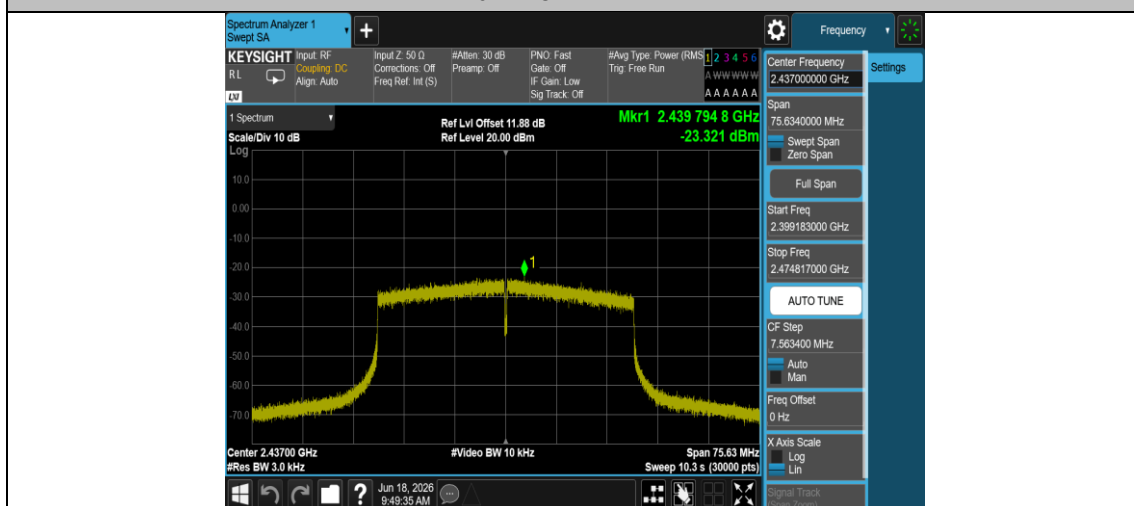
11N40MIMO-Ant1-2452-PASS

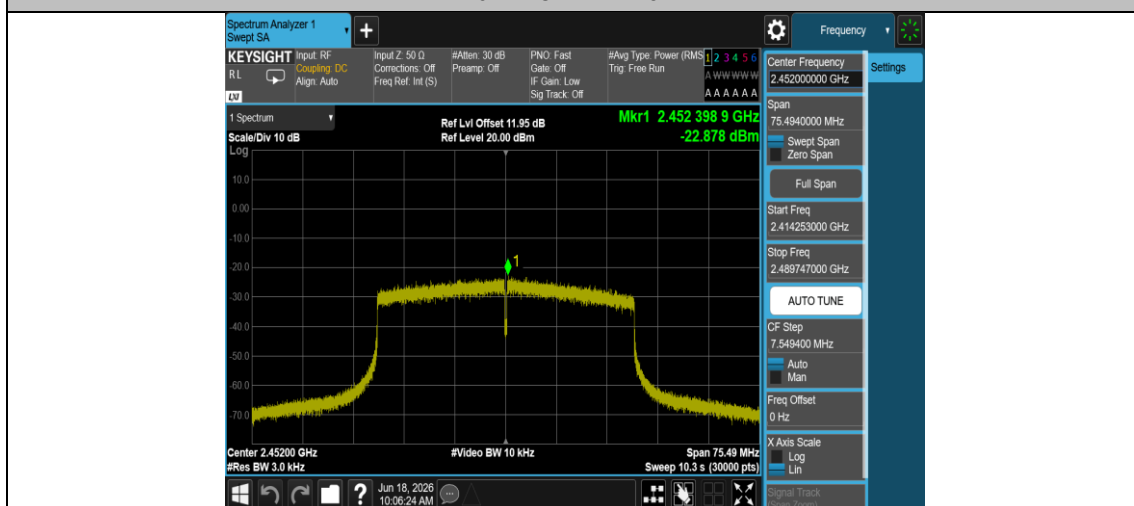
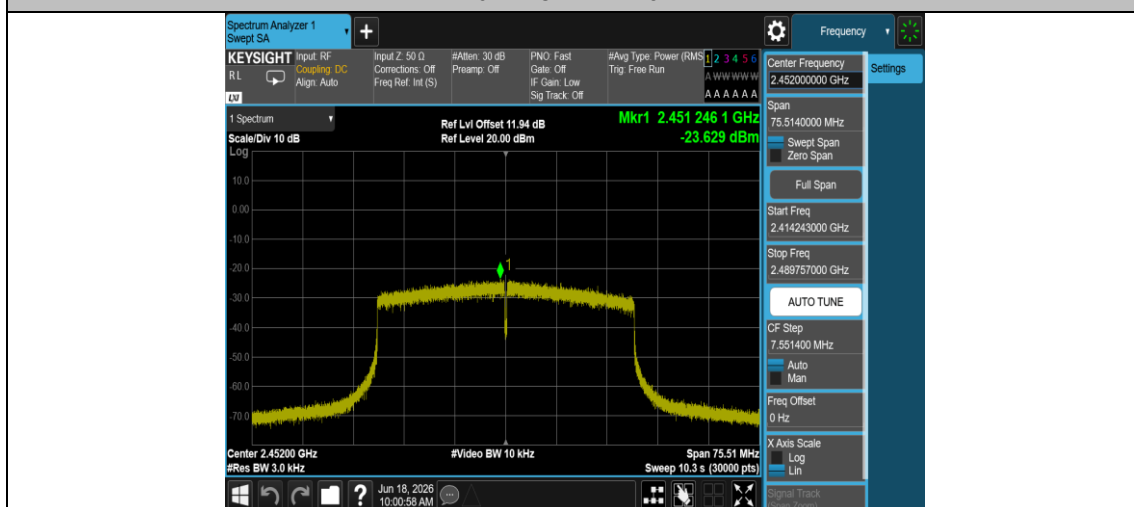
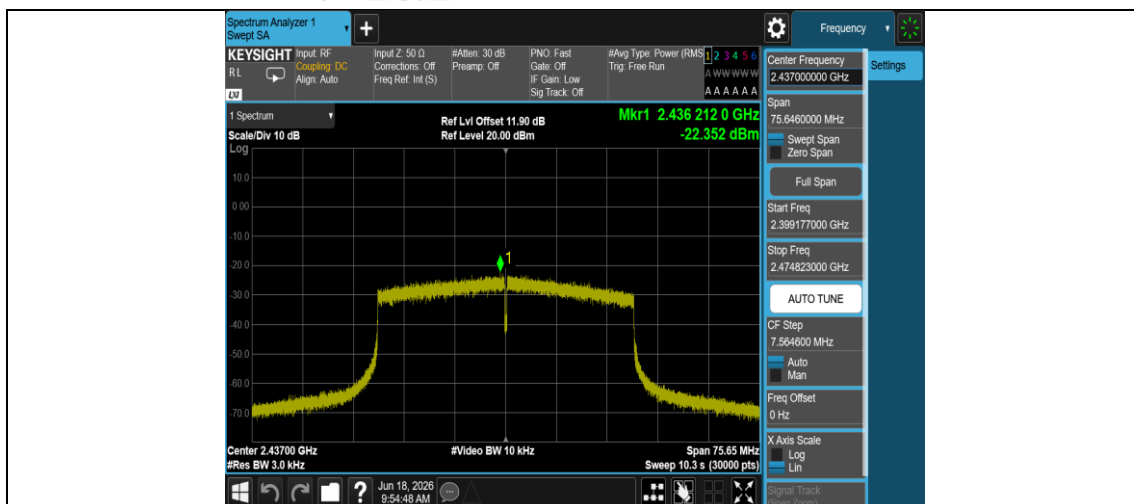


11N40MIMO-Ant2-2452-PASS




11AX20MIMO-Ant2-2437-PASS

11AX20MIMO-Ant2-2462-PASS

11AX20MIMO-Ant2-2462-PASS


11AX40MIMO-Ant1-2422-PASS

11AX40MIMO-Ant2-2422-PASS

11AX40MIMO-Ant1-2437-PASS



11AX40MIMO-Ant2-2452-PASS

Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.87	-40.22	≤-22.13	PASS
11B	Ant2	Low	2412	6.76	-40.04	≤-23.25	PASS
11B	Ant1	High	2462	6.46	-46.25	≤-23.54	PASS
11B	Ant2	High	2462	7.82	-46.46	≤-22.18	PASS
11G	Ant1	Low	2412	4.94	-28.82	≤-25.06	PASS
11G	Ant2	Low	2412	3.72	-31.7	≤-26.28	PASS
11G	Ant1	High	2462	4.93	-43.21	≤-25.07	PASS
11G	Ant2	High	2462	5.33	-41.88	≤-24.67	PASS
11N20MIMO	Ant1	Low	2412	3.72	-30.12	≤-26.28	PASS
11N20MIMO	Ant2	Low	2412	0.86	-33.16	≤-29.14	PASS
11N20MIMO	Ant1	High	2462	2.79	-45.29	≤-27.21	PASS
11N20MIMO	Ant2	High	2462	2.98	-44.49	≤-27.02	PASS
11N40MIMO	Ant1	Low	2422	-3.00	-34.29	≤-33	PASS
11N40MIMO	Ant2	Low	2422	-1.70	-36.04	≤-31.7	PASS
11N40MIMO	Ant1	High	2452	-0.75	-42.8	≤-30.75	PASS
11N40MIMO	Ant2	High	2452	-1.45	-41.92	≤-31.45	PASS
11AX20MIMO	Ant1	Low	2412	2.69	-30.09	≤-27.31	PASS
11AX20MIMO	Ant2	Low	2412	-0.14	-32.62	≤-30.14	PASS
11AX20MIMO	Ant1	High	2462	1.20	-44.27	≤-28.8	PASS
11AX20MIMO	Ant2	High	2462	2.97	-42.31	≤-27.03	PASS
11AX40MIMO	Ant1	Low	2422	-0.81	-33.36	≤-30.81	PASS
11AX40MIMO	Ant2	Low	2422	-1.49	-33.94	≤-31.49	PASS
11AX40MIMO	Ant1	High	2452	-0.54	-41.69	≤-30.54	PASS
11AX40MIMO	Ant2	High	2452	-0.49	-41.06	≤-30.49	PASS