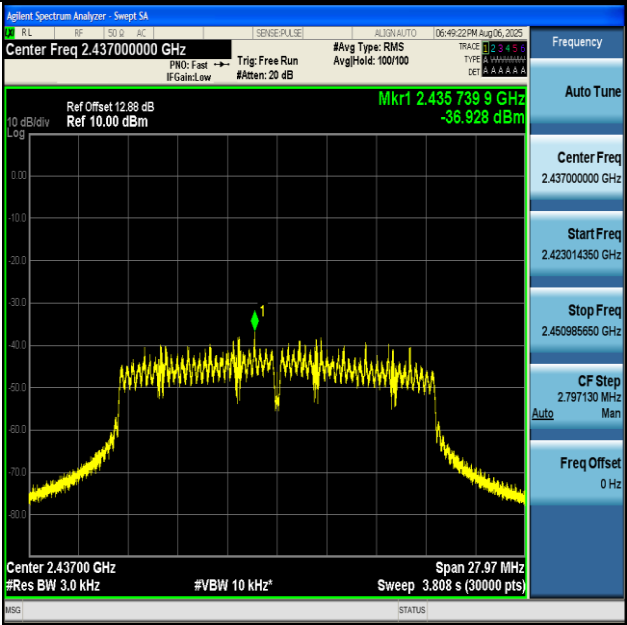
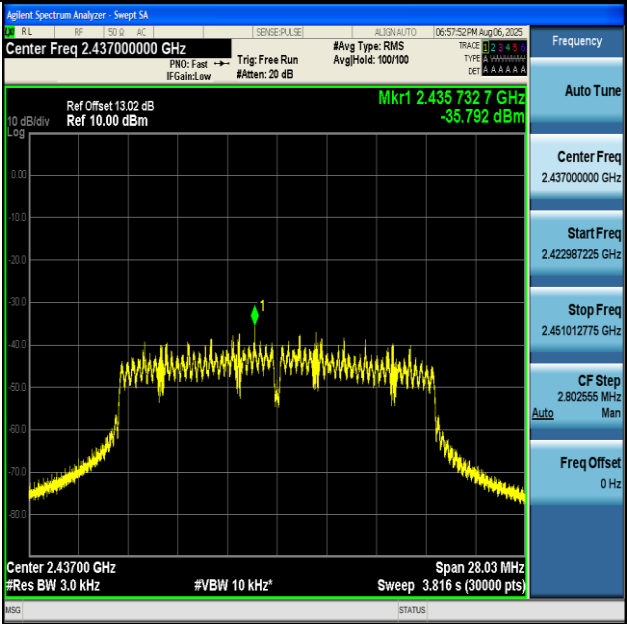
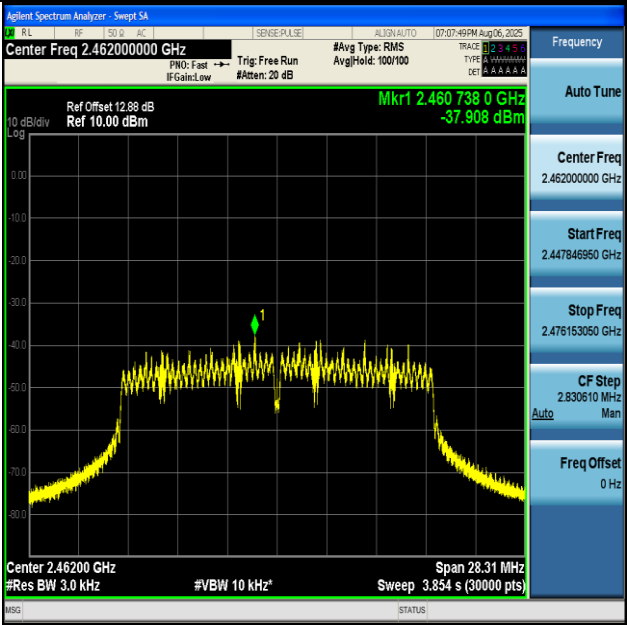




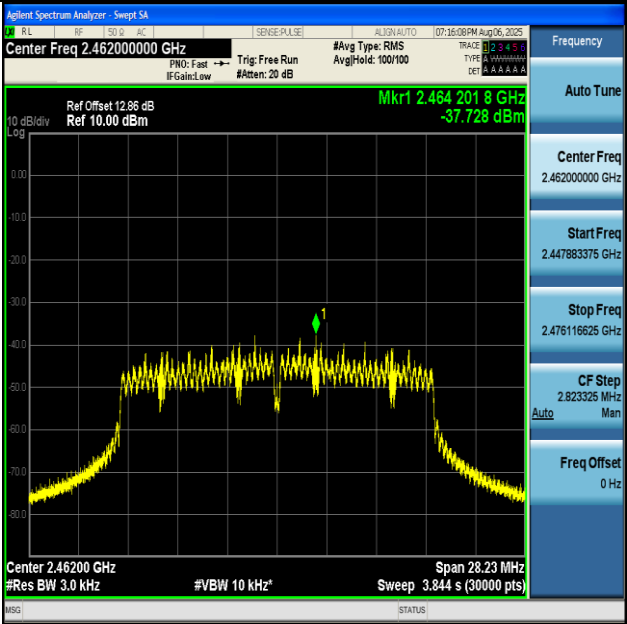
11N20MIMO-Ant1-2437-PASS



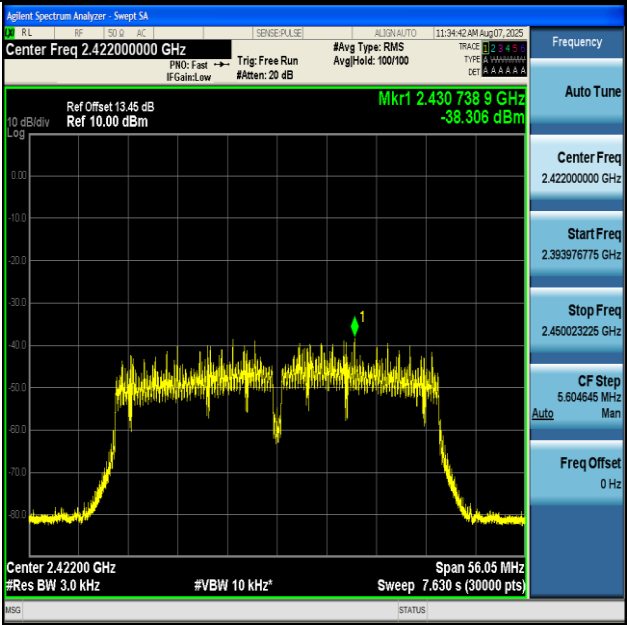
11N20MIMO-Ant2-2437-PASS



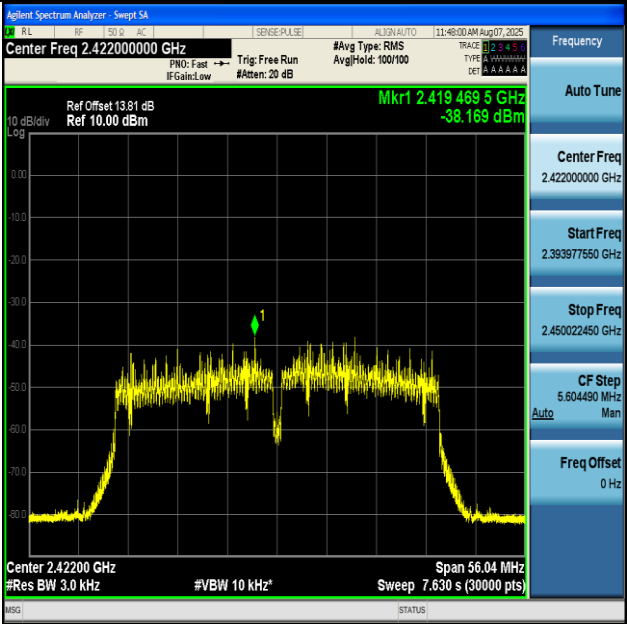
11N20MIMO-Ant1-2462-PASS



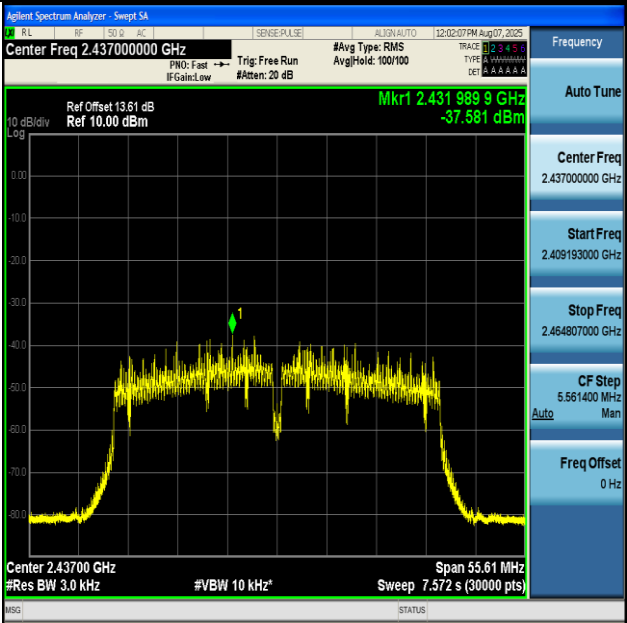
11N20MIMO-Ant2-2462-PASS



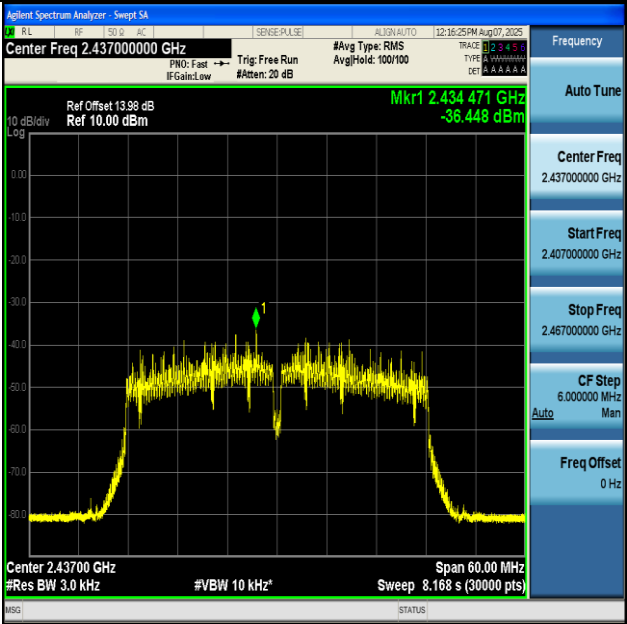
11N40MIMO-Ant1-2422-PASS



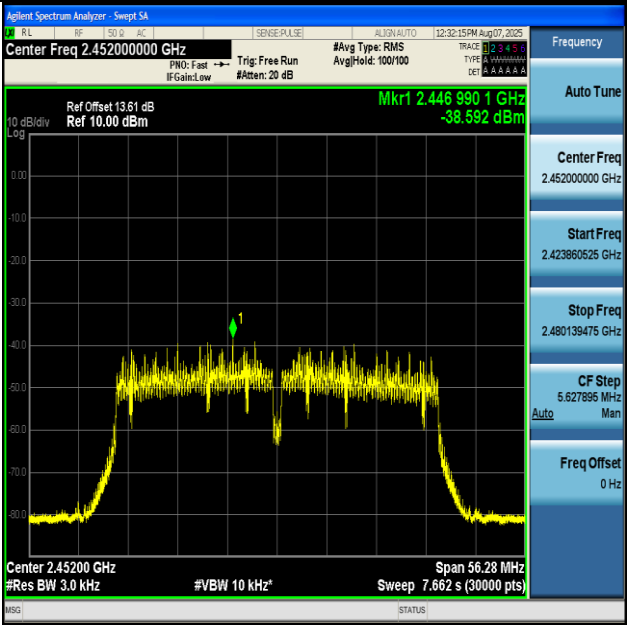
11N40MIMO-Ant2-2422-PASS



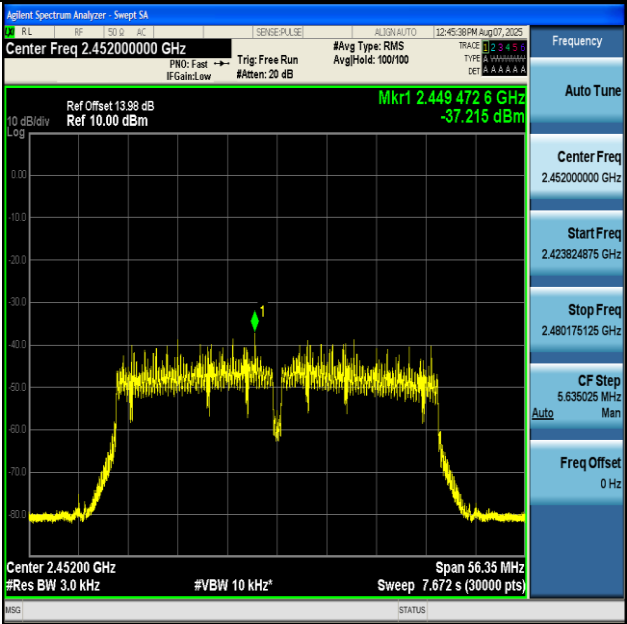
11N40MIMO-Ant1-2437-PASS



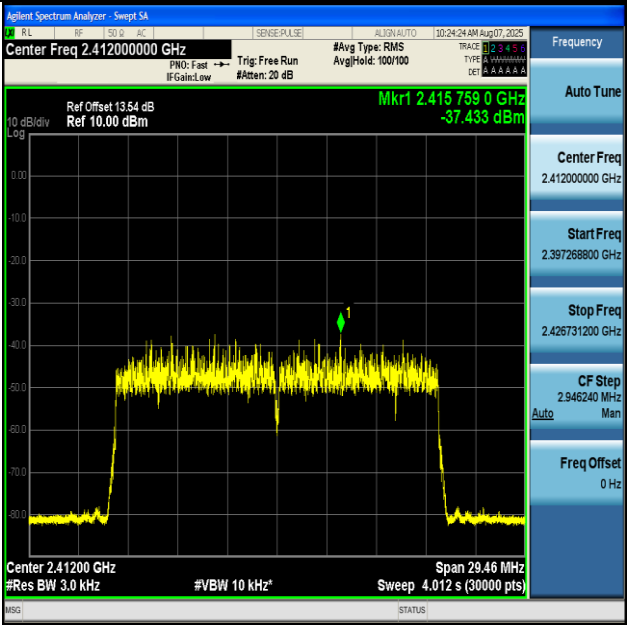
11N40MIMO-Ant2-2437-PASS



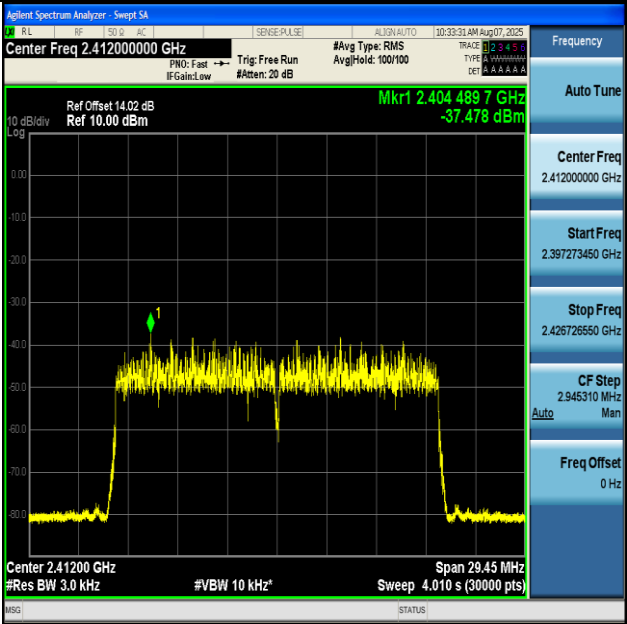
11N40MIMO-Ant1-2452-PASS



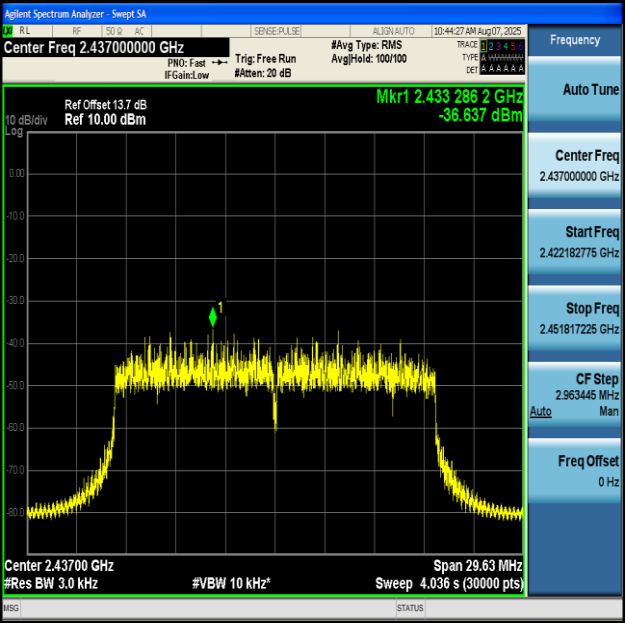
11N40MIMO-Ant2-2452-PASS



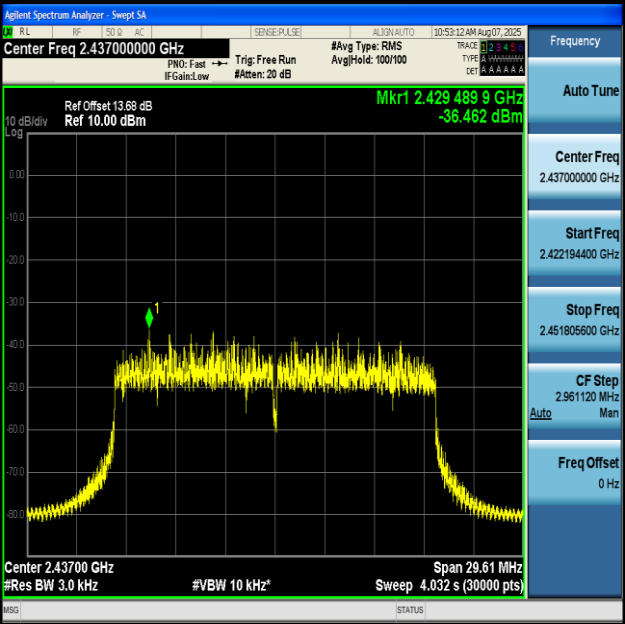
11AX20MIMO-Ant1-2412-PASS



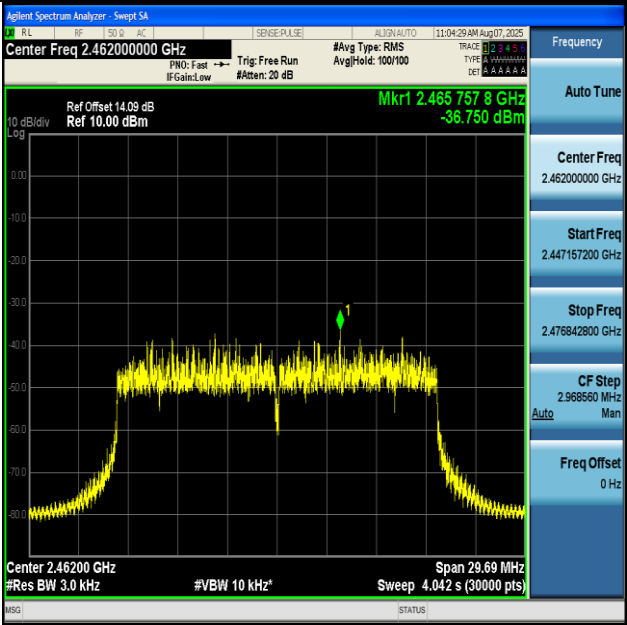
11AX20MIMO-Ant2-2412-PASS



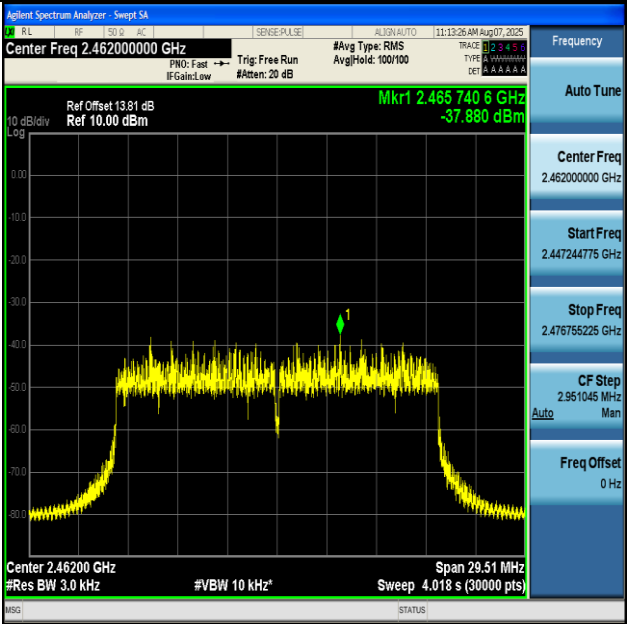
11AX20MIMO-Ant1-2437-PASS



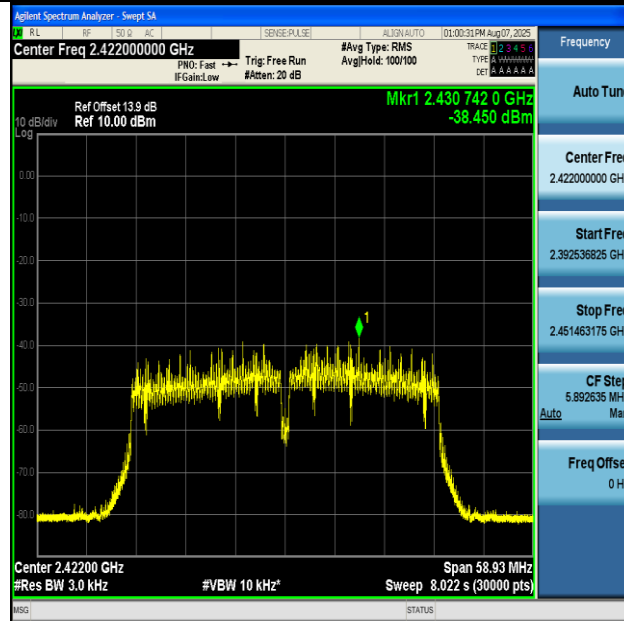
11AX20MIMO-Ant2-2437-PASS



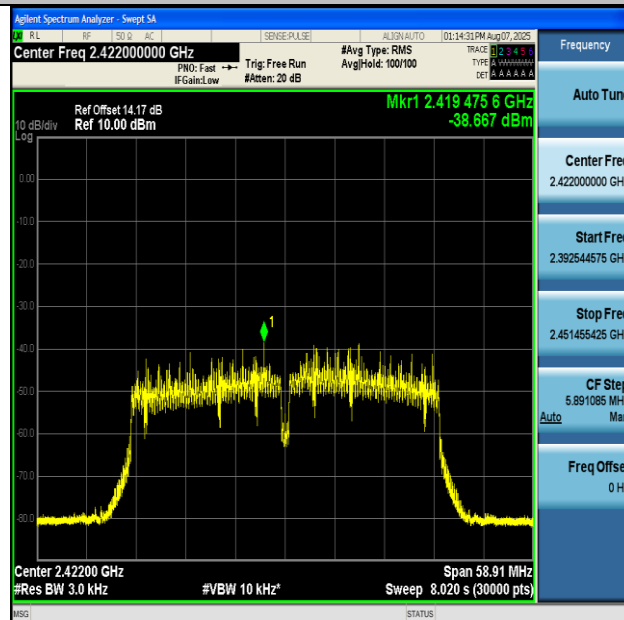
11AX20MIMO-Ant1-2462-PASS



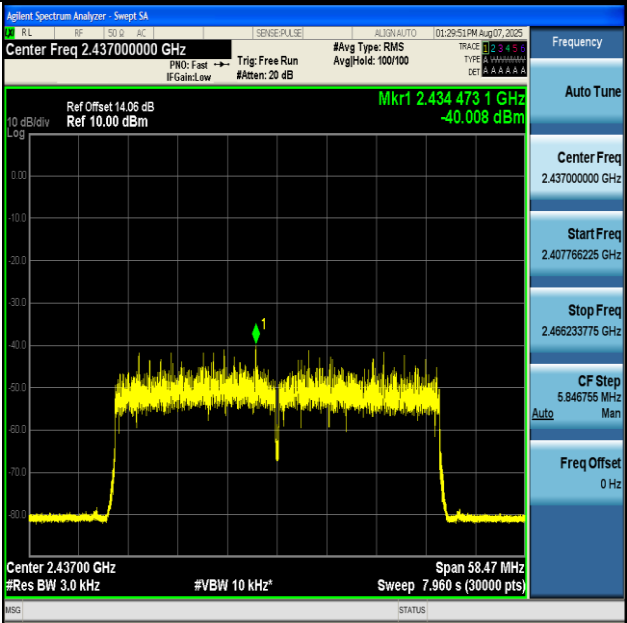
11AX20MIMO-Ant2-2462-PASS



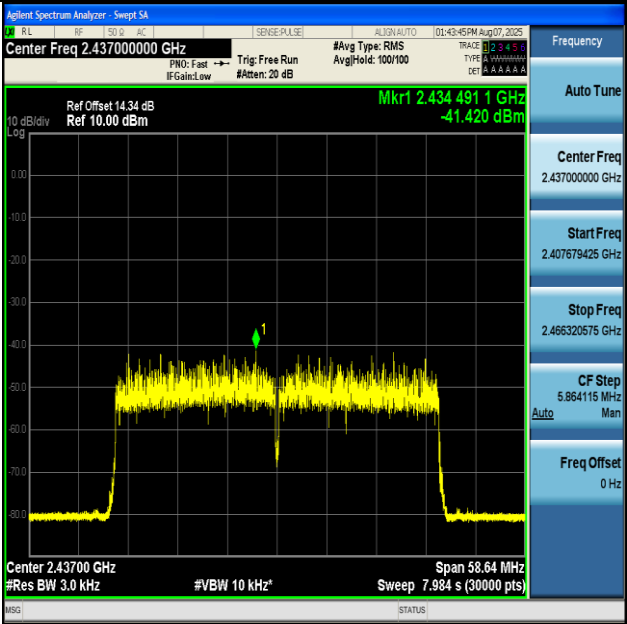
11AX40MIMO-Ant1-2422-PASS



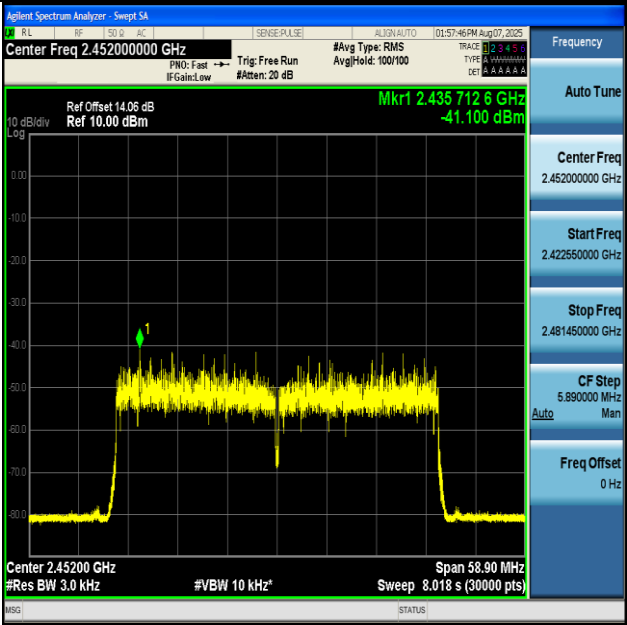
11AX40MIMO-Ant2-2422-PASS



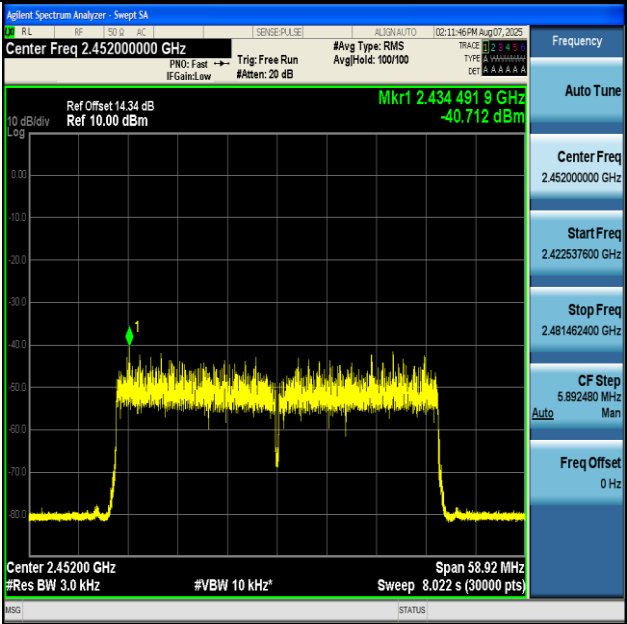
11AX40MIMO-Ant1-2437-PASS



11AX40MIMO-Ant2-2437-PASS



11AX40MIMO-Ant1-2452-PASS



11AX40MIMO-Ant2-2452-PASS

Appendix E: Band edge measurements

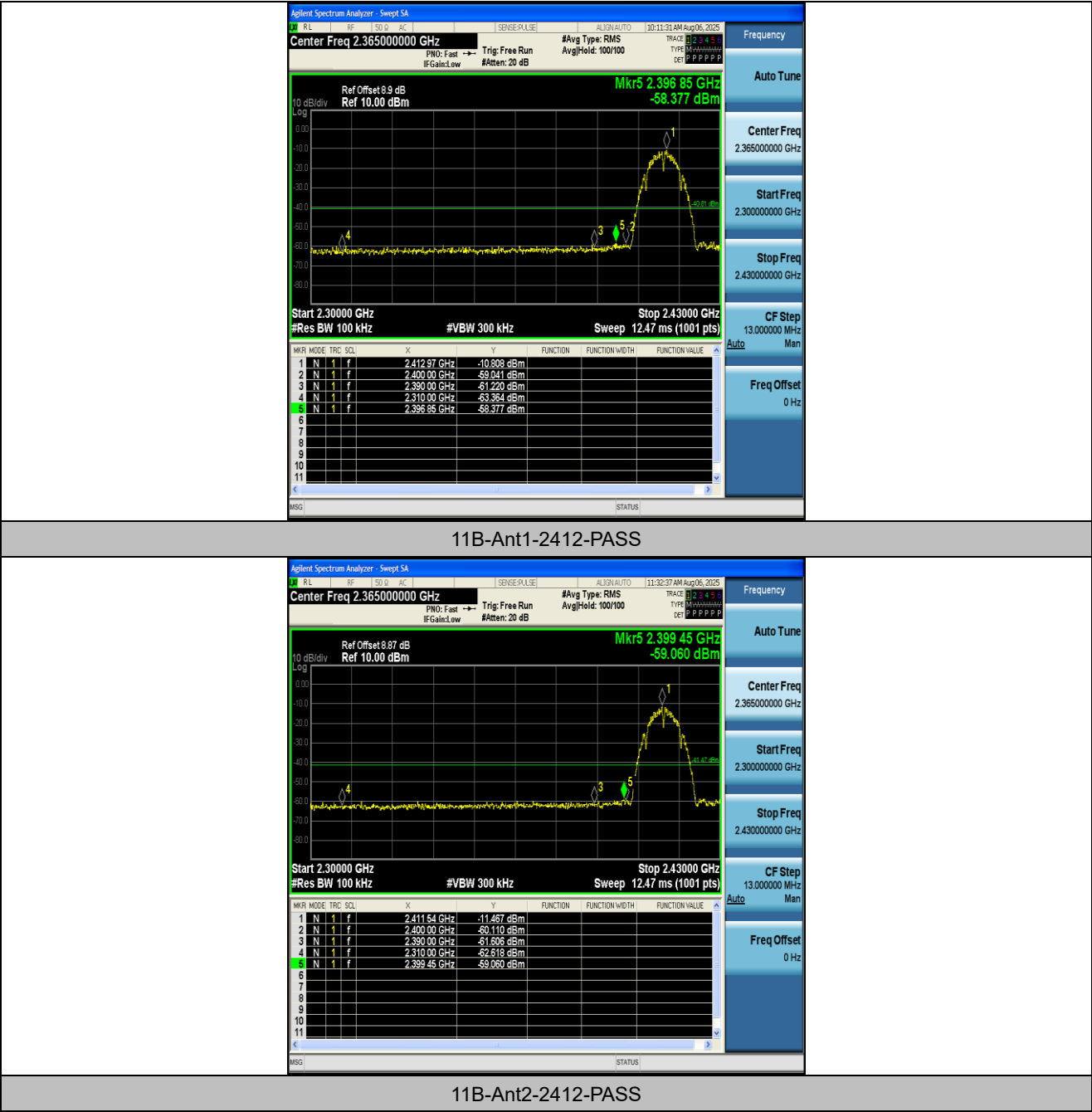
Test Result

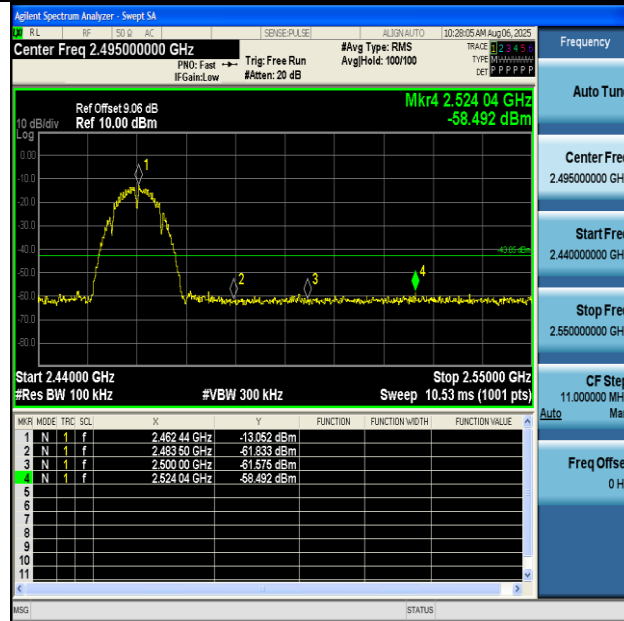
Test Mode	Antenna	Ch. Name	Frequency.[MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	-10.81	-58.38	≤-40.81	PASS
11B	Ant2	Low	2412	-11.47	-59.06	≤-41.47	PASS
11B	Ant1	High	2462	-13.05	-58.49	≤-43.05	PASS
11B	Ant2	High	2462	-12.64	-59.04	≤-42.64	PASS
11G	Ant1	Low	2412	-13.54	-54.39	≤-43.54	PASS
11G	Ant2	Low	2412	-16.24	-57.68	≤-46.24	PASS
11G	Ant1	High	2462	-13.70	-58.78	≤-43.7	PASS
11G	Ant2	High	2462	-15.95	-58.29	≤-45.95	PASS
11N20MIMO	Ant1	Low	2412	-18.62	-59.27	≤-48.62	PASS
11N20MIMO	Ant2	Low	2412	-19.88	-59.57	≤-49.88	PASS
11N20MIMO	Ant1	High	2462	-19.07	-58.99	≤-49.07	PASS
11N20MIMO	Ant2	High	2462	-18.70	-59.38	≤-48.7	PASS
11N40MIMO	Ant1	Low	2422	-21.30	-59.46	≤-51.3	PASS
11N40MIMO	Ant2	Low	2422	-21.03	-59.26	≤-51.03	PASS
11N40MIMO	Ant1	High	2452	-21.76	-59.3	≤-51.76	PASS
11N40MIMO	Ant2	High	2452	-21.97	-58.19	≤-51.97	PASS
11AX20MIMO	Ant1	Low	2412	-20.08	-59.67	≤-50.08	PASS
11AX20MIMO	Ant2	Low	2412	-20.85	-59.67	≤-50.85	PASS
11AX20MIMO	Ant1	High	2462	-20.40	-58.88	≤-50.4	PASS
11AX20MIMO	Ant2	High	2462	-20.96	-58.9	≤-50.96	PASS
11AX40MIMO	Ant1	Low	2422	-23.71	-59.25	≤-53.71	PASS
11AX40MIMO	Ant2	Low	2422	-23.50	-59.97	≤-53.5	PASS
11AX40MIMO	Ant1	High	2452	-23.90	-58.86	≤-53.9	PASS

MO							
11AX40MI MO	Ant2	High	2452	-23.79	-59.13	≤-53.79	PASS

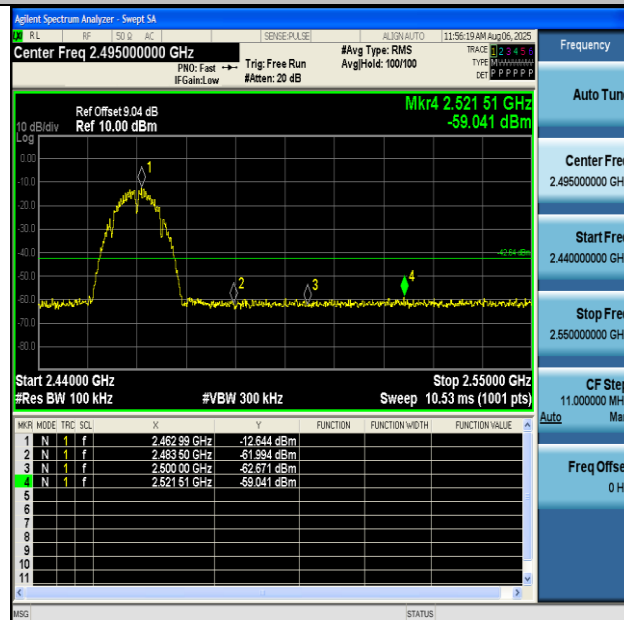
Note: offset(dB) = cable loss(dB) + attenuator factor(dB)

Test Graphs

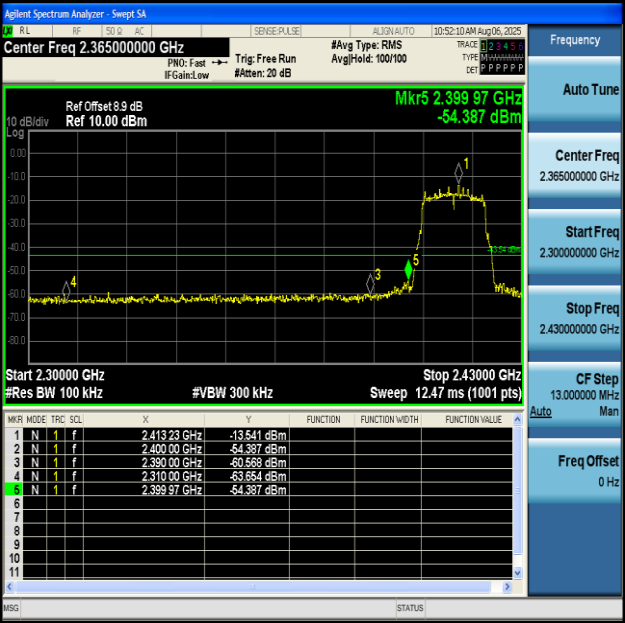




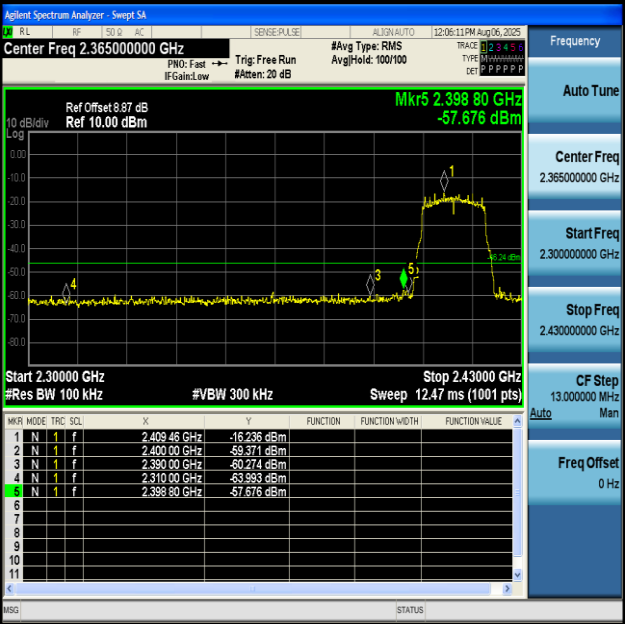
11B-Ant1-2462-PASS



11B-Ant2-2462-PASS



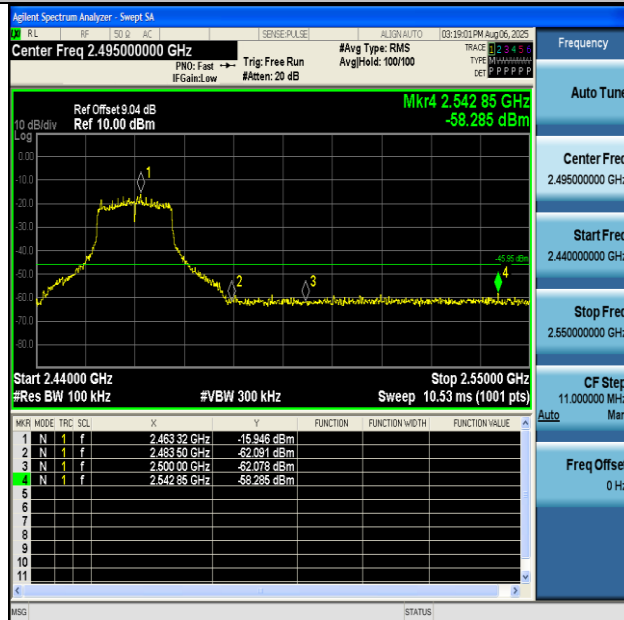
11G-Ant1-2412-PASS



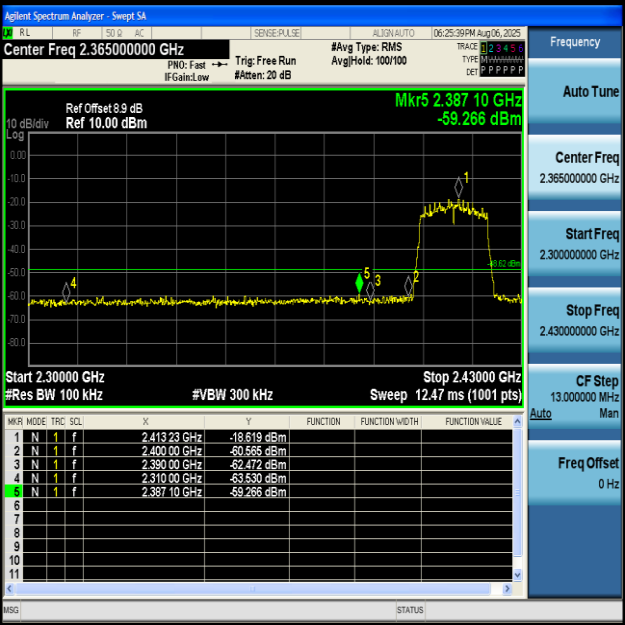
11G-Ant2-2412-PASS



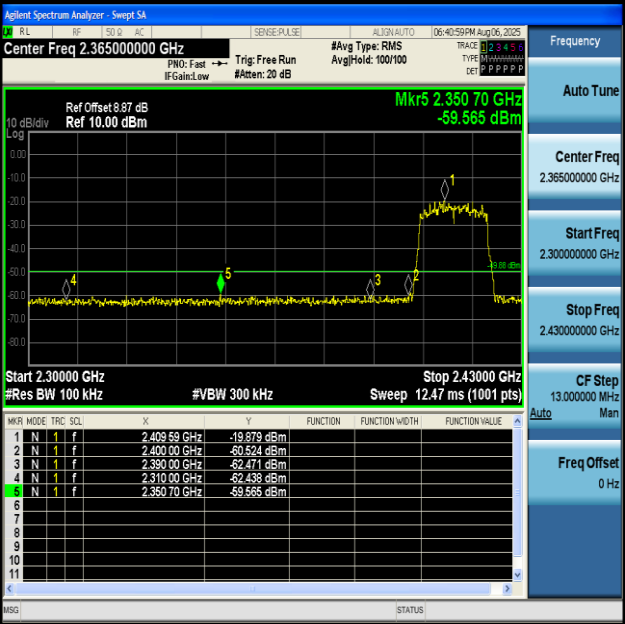
11G-Ant1-2462-PASS



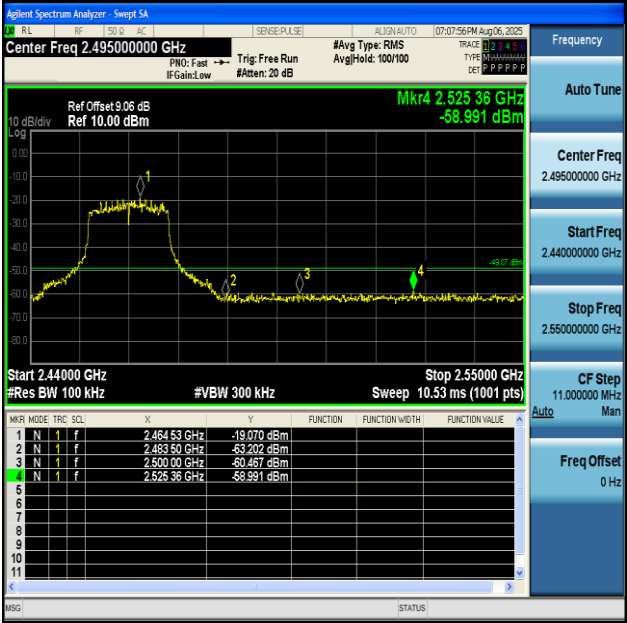
11G-Ant2-2462-PASS



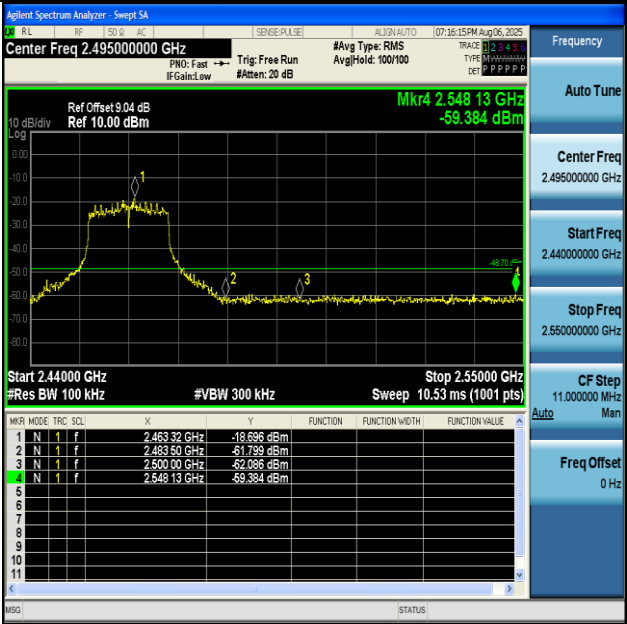
11N20MIMO-Ant1-2412-PASS



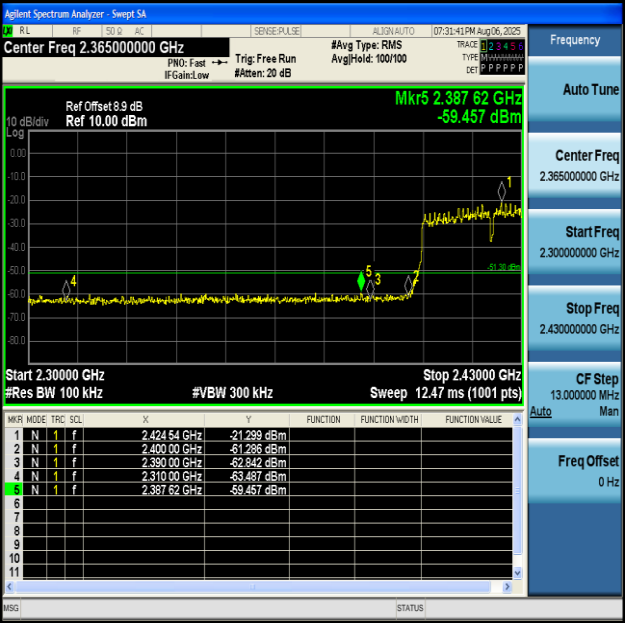
11N20MIMO-Ant2-2412-PASS



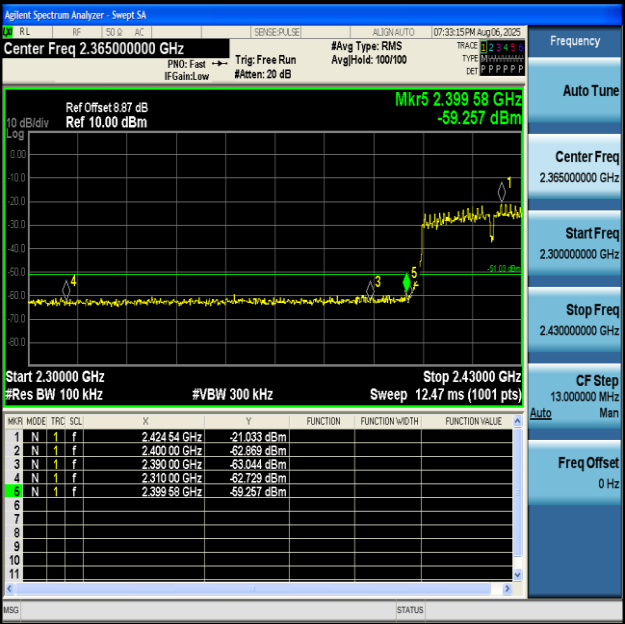
11N20MIMO-Ant1-2462-PASS



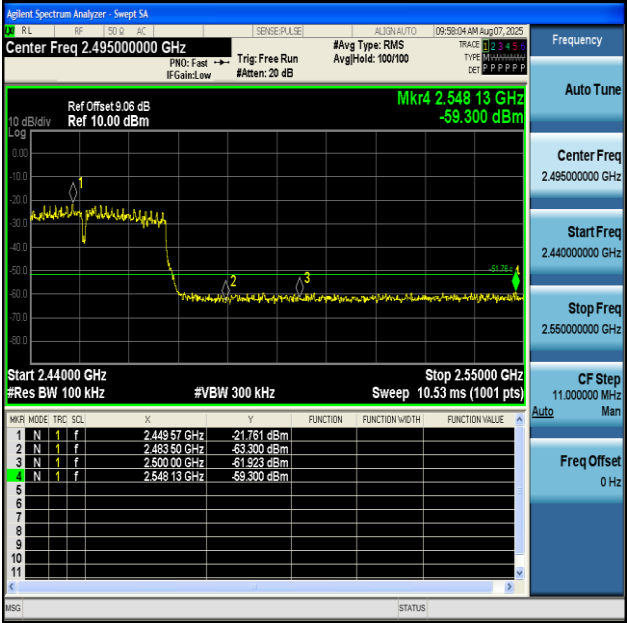
11N20MIMO-Ant2-2462-PASS



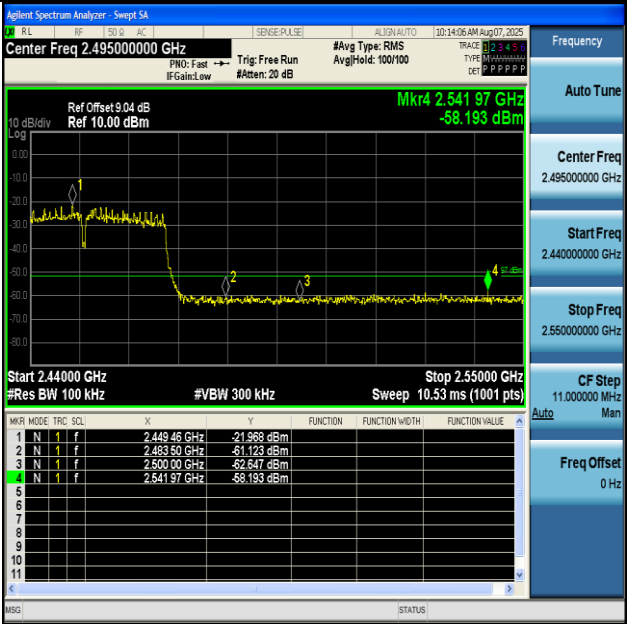
11N40MIMO-Ant1-2422-PASS



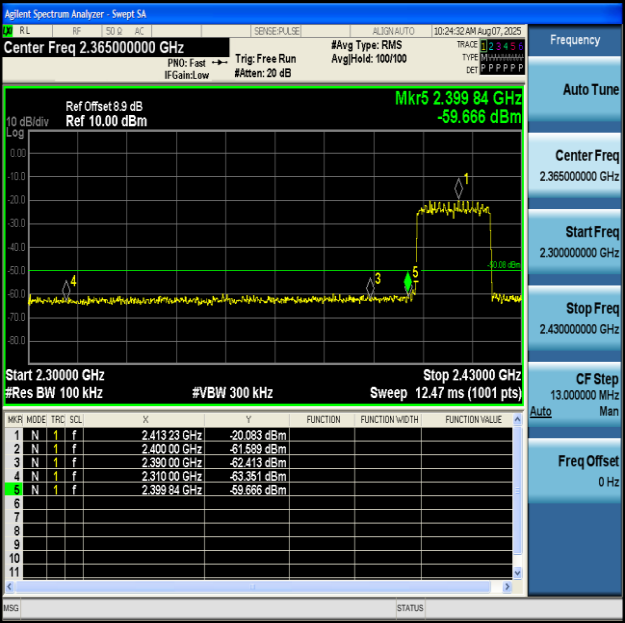
11N40MIMO-Ant2-2422-PASS



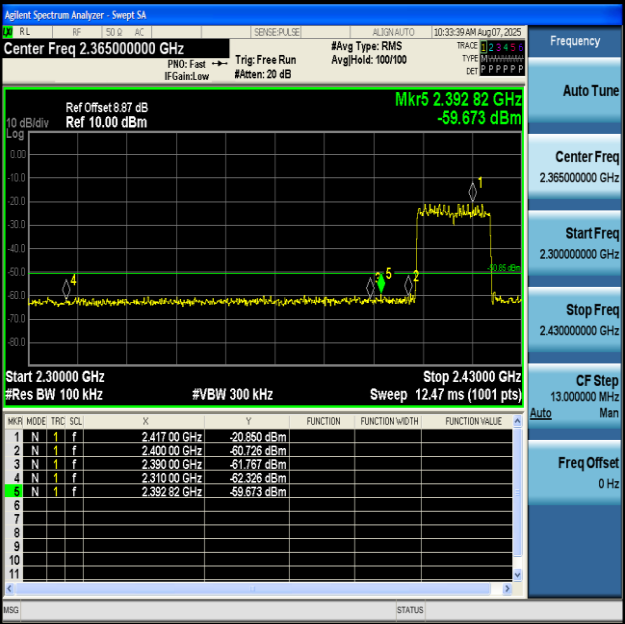
11N40MIMO-Ant1-2452-PASS



11N40MIMO-Ant2-2452-PASS



11AX20MIMO-Ant1-2412-PASS



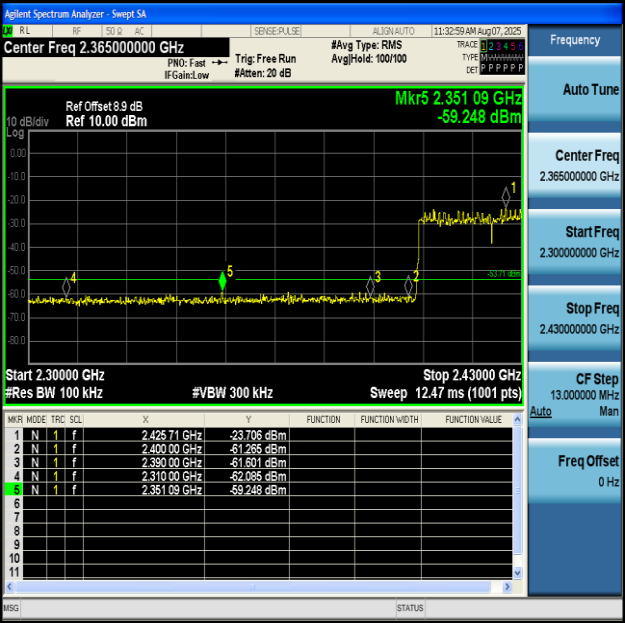
11AX20MIMO-Ant2-2412-PASS



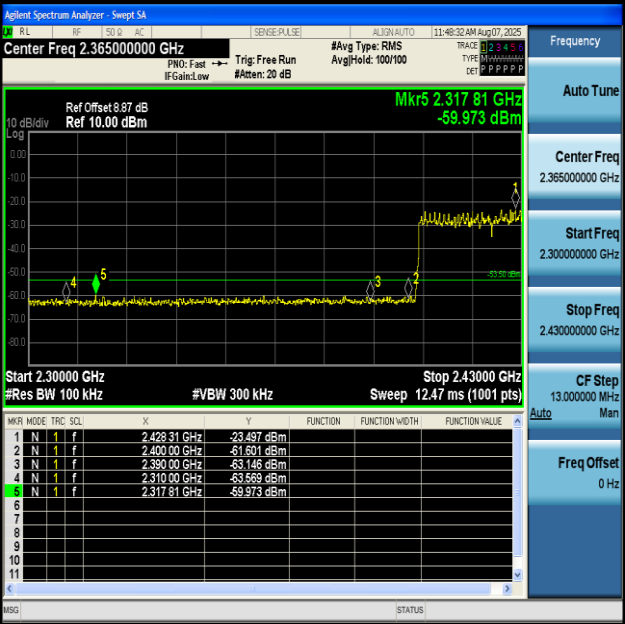
11AX20MIMO-Ant1-2462-PASS



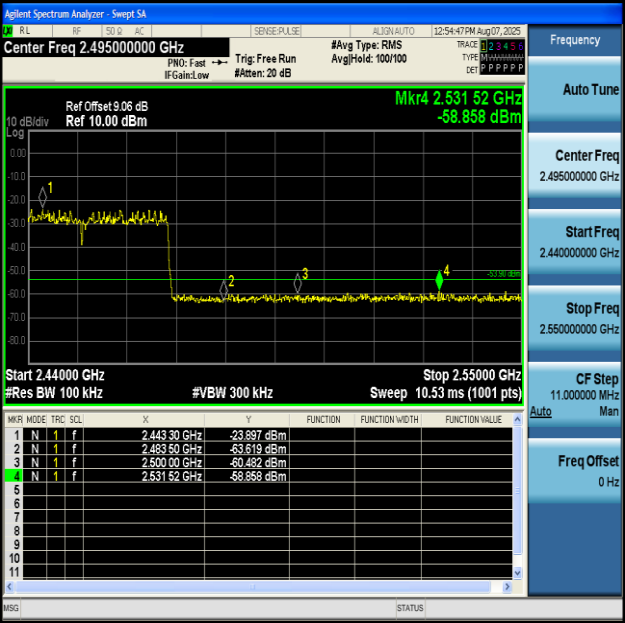
11AX20MIMO-Ant2-2462-PASS



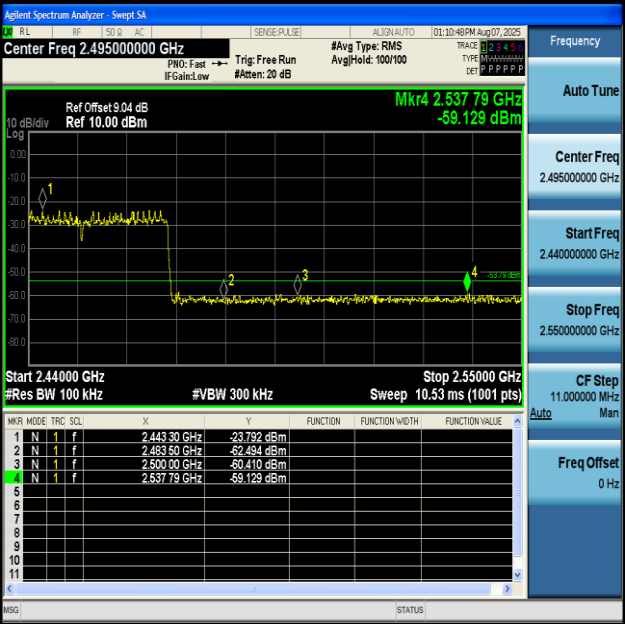
11AX40MIMO-Ant1-2422-PASS



11AX40MIMO-Ant2-2422-PASS



11AX40MIMO-Ant1-2452-PASS



11AX40MIMO-Ant2-2452-PASS

Appendix F: Conducted Spurious Emission

Test Result

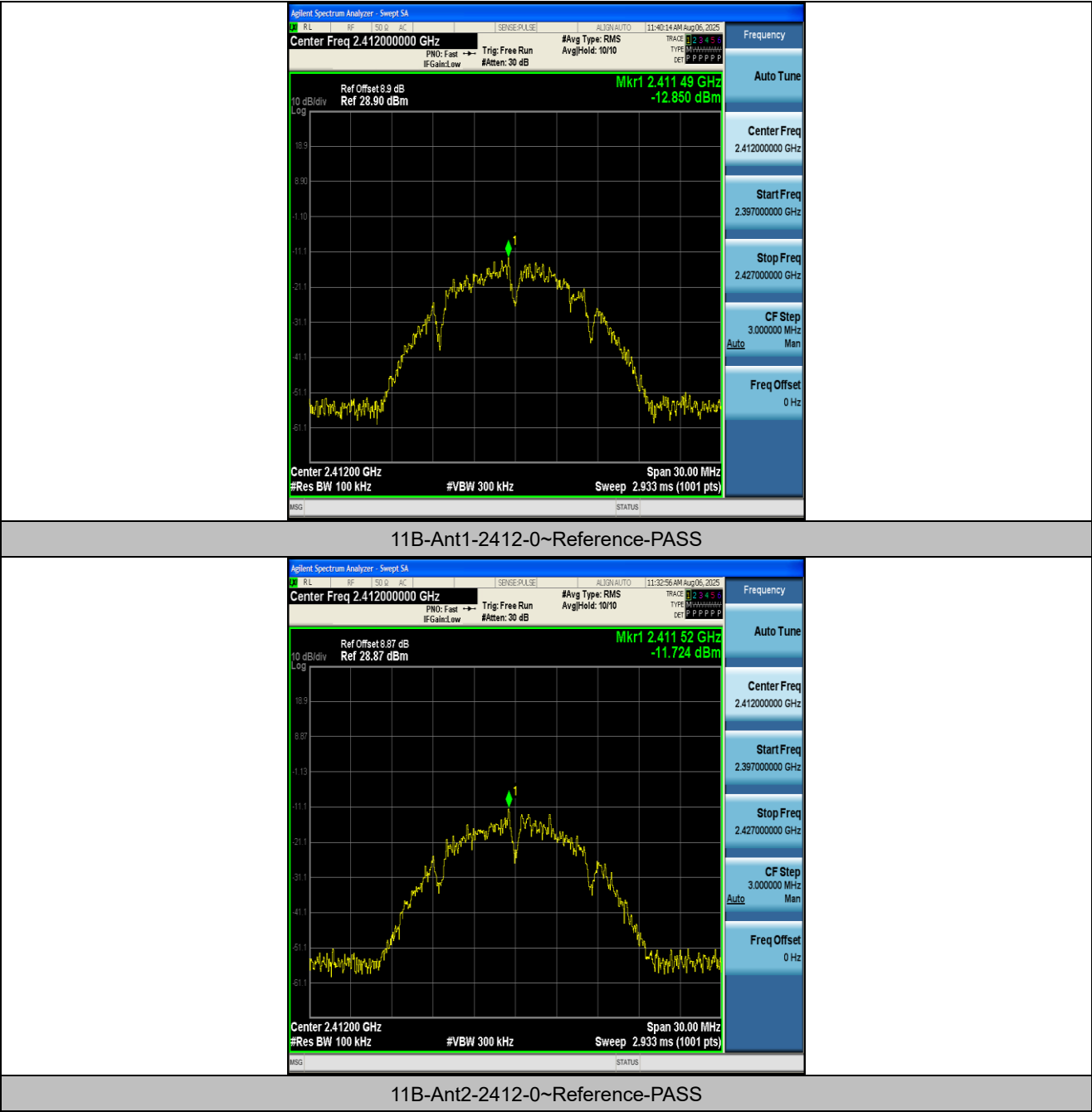
Test Mode	Antenna	Frequency [MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	-12.85	-12.85	---	PASS
11B	Ant2	2412	0~Reference	-11.72	-11.72	---	PASS
11B	Ant1	2412	30~1000	-12.85	-71.76	≤-42.85	PASS
11B	Ant2	2412	30~1000	-11.72	-73.11	≤-41.72	PASS
11B	Ant1	2412	1000~26500	-12.85	-54.85	≤-42.85	PASS
11B	Ant2	2412	1000~26500	-11.72	-56.1	≤-41.72	PASS
11B	Ant1	2437	0~Reference	-12.14	-12.14	---	PASS
11B	Ant2	2437	0~Reference	-11.84	-11.84	---	PASS
11B	Ant2	2437	30~1000	-11.84	-72.81	≤-41.84	PASS
11B	Ant1	2437	30~1000	-12.14	-72.38	≤-42.14	PASS
11B	Ant1	2437	1000~26500	-12.14	-54.59	≤-42.14	PASS
11B	Ant2	2437	1000~26500	-11.84	-55.52	≤-41.84	PASS
11B	Ant1	2462	0~Reference	-13.57	-13.57	---	PASS
11B	Ant2	2462	0~Reference	-12.98	-12.98	---	PASS
11B	Ant1	2462	30~1000	-13.57	-73.29	≤-43.57	PASS
11B	Ant2	2462	30~1000	-12.98	-72.4	≤-42.98	PASS
11B	Ant1	2462	1000~26500	-13.57	-55.73	≤-43.57	PASS
11B	Ant2	2462	1000~26500	-12.98	-55.57	≤-42.98	PASS
11G	Ant1	2412	0~Reference	-14.84	-14.84	---	PASS
11G	Ant2	2412	0~Reference	-18.45	-18.45	---	PASS
11G	Ant1	2412	30~1000	-14.84	-72.67	≤-44.84	PASS
11G	Ant2	2412	30~1000	-18.45	-72.62	≤-48.45	PASS
11G	Ant1	2412	1000~26500	-14.84	-55.21	≤-44.84	PASS
11G	Ant2	2412	1000~26500	-18.45	-55.15	≤-48.45	PASS
11G	Ant1	2437	0~Reference	-15.24	-15.24	---	PASS
11G	Ant2	2437	0~Reference	-15.37	-15.37	---	PASS
11G	Ant1	2437	30~1000	-15.24	-72.16	≤-45.24	PASS
11G	Ant2	2437	30~1000	-15.37	-72.5	≤-45.37	PASS
11G	Ant1	2437	1000~26500	-15.24	-55.15	≤-45.24	PASS
11G	Ant2	2437	1000~26500	-15.37	-54.88	≤-45.37	PASS
11G	Ant1	2462	0~Reference	-15.25	-15.25	---	PASS
11G	Ant2	2462	0~Reference	-18.23	-18.23	---	PASS
11G	Ant1	2462	30~1000	-15.25	-72.59	≤-45.25	PASS
11G	Ant2	2462	30~1000	-18.23	-73.25	≤-48.23	PASS
11G	Ant1	2462	1000~26500	-15.25	-55.11	≤-45.25	PASS
11G	Ant2	2462	1000~26500	-18.23	-54.98	≤-48.23	PASS
11N20MIMO	Ant1	2412	0~Reference	-20.55	-20.55	---	PASS

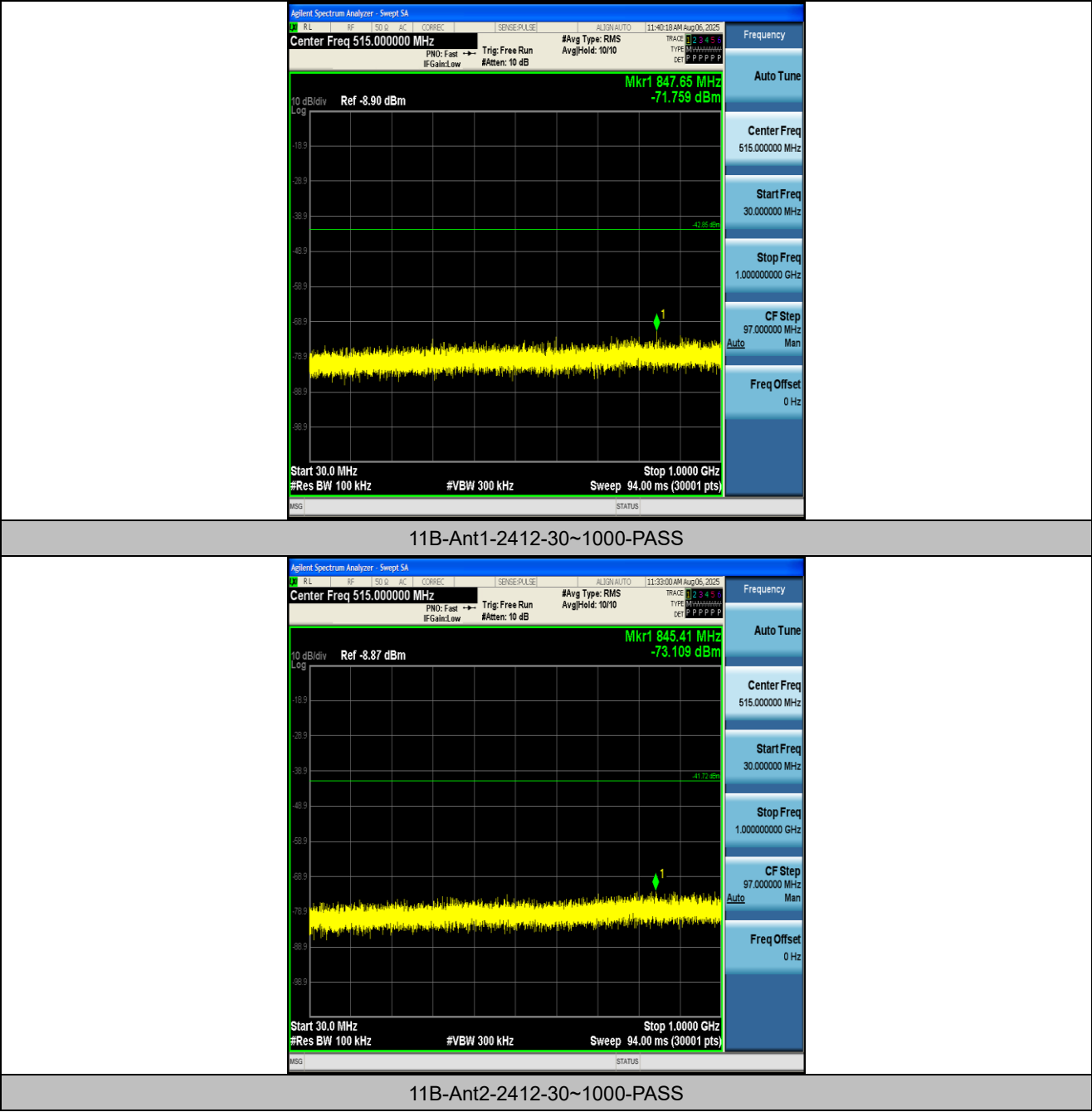
11N20MIMO	Ant2	2412	0~Reference	-19.45	-19.45	---	PASS
11N20MIMO	Ant2	2412	30~1000	-19.45	-72.56	≤-49.45	PASS
11N20MIMO	Ant1	2412	30~1000	-20.55	-72.85	≤-50.55	PASS
11N20MIMO	Ant2	2412	1000~26500	-19.45	-52.89	≤-49.45	PASS
11N20MIMO	Ant1	2412	1000~26500	-20.55	-55.18	≤-50.55	PASS
11N20MIMO	Ant1	2437	0~Reference	-18.17	-18.17	---	PASS
11N20MIMO	Ant2	2437	0~Reference	-18.33	-18.33	---	PASS
11N20MIMO	Ant1	2437	30~1000	-18.17	-72.58	≤-48.17	PASS
11N20MIMO	Ant2	2437	30~1000	-18.33	-72.94	≤-48.33	PASS
11N20MIMO	Ant1	2437	1000~26500	-18.17	-55.27	≤-48.17	PASS
11N20MIMO	Ant2	2437	1000~26500	-18.33	-55.78	≤-48.33	PASS
11N20MIMO	Ant1	2462	0~Reference	-19.66	-19.66	---	PASS
11N20MIMO	Ant2	2462	0~Reference	-19.83	-19.83	---	PASS
11N20MIMO	Ant1	2462	30~1000	-19.66	-72.71	≤-49.66	PASS
11N20MIMO	Ant2	2462	30~1000	-19.83	-72.85	≤-49.83	PASS
11N20MIMO	Ant1	2462	1000~26500	-19.66	-55.26	≤-49.66	PASS
11N20MIMO	Ant2	2462	1000~26500	-19.83	-55.36	≤-49.83	PASS
11N40MIMO	Ant1	2422	0~Reference	-21.88	-21.88	---	PASS
11N40MIMO	Ant2	2422	0~Reference	-21.53	-21.53	---	PASS
11N40MIMO	Ant1	2422	30~1000	-21.88	-72.36	≤-51.88	PASS
11N40MIMO	Ant2	2422	30~1000	-21.53	-72.15	≤-51.53	PASS
11N40MIMO	Ant1	2422	1000~26500	-21.88	-55.41	≤-51.88	PASS
11N40MIMO	Ant2	2422	1000~26500	-21.53	-54.59	≤-51.53	PASS
11N40MIMO	Ant1	2437	0~Reference	-20.73	-20.73	---	PASS
11N40MIMO	Ant2	2437	0~Reference	-21.26	-21.26	---	PASS
11N40MIMO	Ant1	2437	30~1000	-20.73	-73.11	≤-50.73	PASS
11N40MIMO	Ant2	2437	30~1000	-21.26	-72.41	≤-51.26	PASS
11N40MIMO	Ant1	2437	1000~26500	-20.73	-55.06	≤-50.73	PASS
11N40MIMO	Ant2	2437	1000~26500	-21.26	-55.43	≤-51.26	PASS
11N40MIMO	Ant1	2452	0~Reference	-22.34	-22.34	---	PASS
11N40MIMO	Ant2	2452	0~Reference	-22.02	-22.02	---	PASS
11N40MIMO	Ant1	2452	30~1000	-22.34	-71.61	≤-52.34	PASS
11N40MIMO	Ant2	2452	30~1000	-22.02	-72.83	≤-52.02	PASS
11N40MIMO	Ant1	2452	1000~26500	-22.34	-55.28	≤-52.34	PASS
11N40MIMO	Ant2	2452	1000~26500	-22.02	-55.46	≤-52.02	PASS
11AX20MIMO	Ant1	2412	0~Reference	-20.99	-20.99	---	PASS
11AX20MIMO	Ant2	2412	0~Reference	-19.85	-19.85	---	PASS
11AX20MIMO	Ant1	2412	30~1000	-20.99	-72.71	≤-50.99	PASS
11AX20MIMO	Ant2	2412	30~1000	-19.85	-71.94	≤-49.85	PASS
11AX20MIMO	Ant1	2412	1000~26500	-20.99	-55.22	≤-50.99	PASS
11AX20MIMO	Ant2	2412	1000~26500	-19.85	-54.67	≤-49.85	PASS
11AX20MIMO	Ant2	2437	0~Reference	-19.61	-19.61	---	PASS
11AX20MIMO	Ant1	2437	0~Reference	-20.15	-20.15	---	PASS

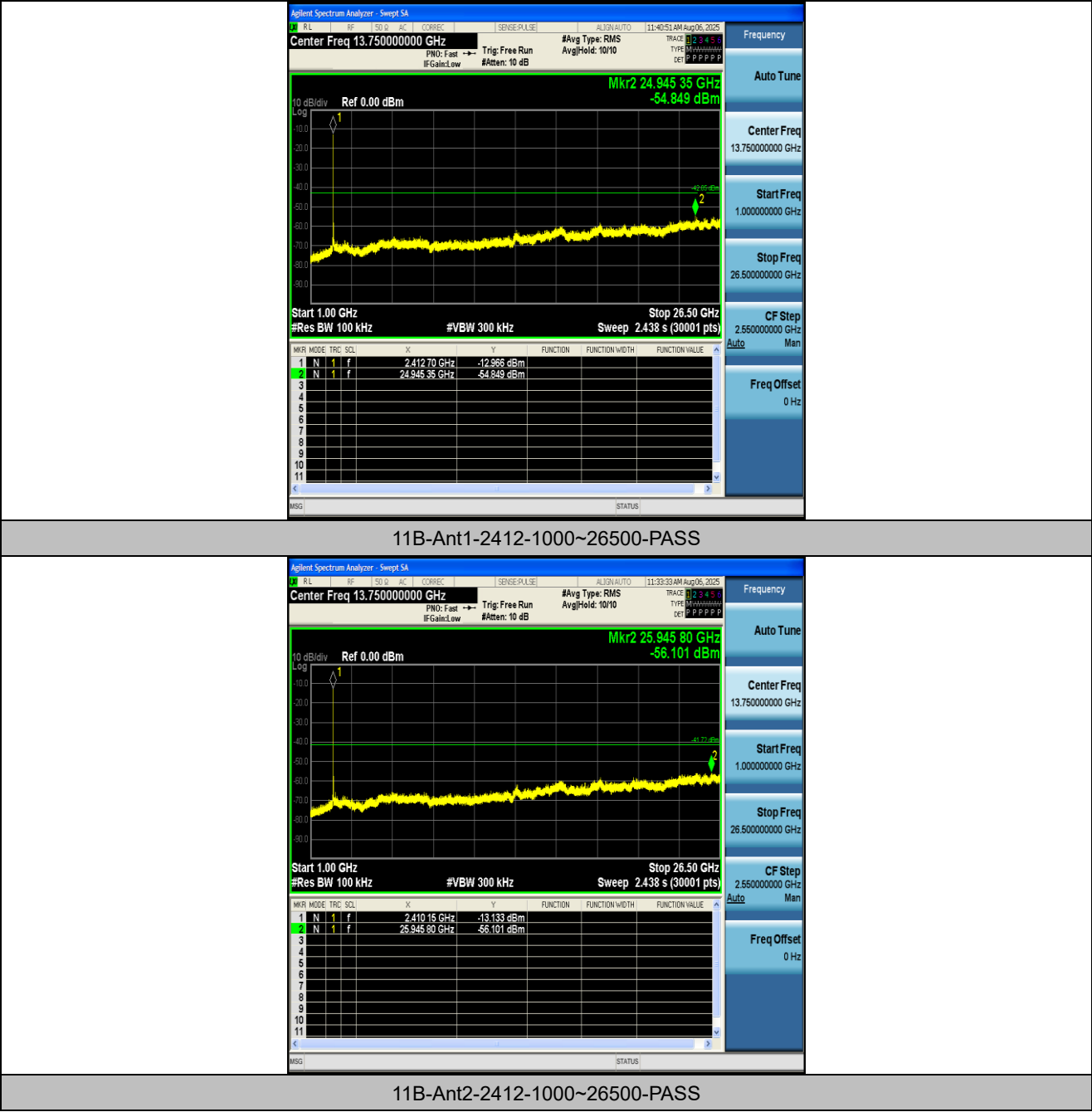
11AX20MIMO	Ant2	2437	30~1000	-19.61	-72.7	≤-49.61	PASS
11AX20MIMO	Ant1	2437	30~1000	-20.15	-72.42	≤-50.15	PASS
11AX20MIMO	Ant2	2437	1000~26500	-19.61	-54.54	≤-49.61	PASS
11AX20MIMO	Ant1	2437	1000~26500	-20.15	-55.13	≤-50.15	PASS
11AX20MIMO	Ant1	2462	0~Reference	-21.43	-21.43	---	PASS
11AX20MIMO	Ant2	2462	0~Reference	-21.83	-21.83	---	PASS
11AX20MIMO	Ant1	2462	30~1000	-21.43	-72.53	≤-51.43	PASS
11AX20MIMO	Ant2	2462	30~1000	-21.83	-72.84	≤-51.83	PASS
11AX20MIMO	Ant1	2462	1000~26500	-21.43	-55.1	≤-51.43	PASS
11AX20MIMO	Ant2	2462	1000~26500	-21.83	-55.35	≤-51.83	PASS
11AX40MIMO	Ant1	2422	0~Reference	-23.44	-23.44	---	PASS
11AX40MIMO	Ant2	2422	0~Reference	-23.66	-23.66	---	PASS
11AX40MIMO	Ant1	2422	30~1000	-23.44	-73.13	≤-53.44	PASS
11AX40MIMO	Ant2	2422	30~1000	-23.66	-71.78	≤-53.66	PASS
11AX40MIMO	Ant1	2422	1000~26500	-23.44	-55.14	≤-53.44	PASS
11AX40MIMO	Ant2	2422	1000~26500	-23.66	-54.8	≤-53.66	PASS
11AX40MIMO	Ant1	2437	0~Reference	-23.69	-23.69	---	PASS
11AX40MIMO	Ant2	2437	0~Reference	-23.82	-23.82	---	PASS
11AX40MIMO	Ant1	2437	30~1000	-23.69	-72.71	≤-53.69	PASS
11AX40MIMO	Ant2	2437	30~1000	-23.82	-72.02	≤-53.82	PASS
11AX40MIMO	Ant1	2437	1000~26500	-23.69	-55.74	≤-53.69	PASS
11AX40MIMO	Ant2	2437	1000~26500	-23.82	-55.63	≤-53.82	PASS
11AX40MIMO	Ant1	2452	0~Reference	-23.43	-23.43	---	PASS
11AX40MIMO	Ant2	2452	0~Reference	-24.21	-24.21	---	PASS
11AX40MIMO	Ant1	2452	30~1000	-23.43	-72.66	≤-53.43	PASS
11AX40MIMO	Ant2	2452	30~1000	-24.21	-72.98	≤-54.21	PASS
11AX40MIMO	Ant1	2452	1000~26500	-23.43	-54.98	≤-53.43	PASS
11AX40MIMO	Ant2	2452	1000~26500	-24.21	-55.05	≤-54.21	PASS

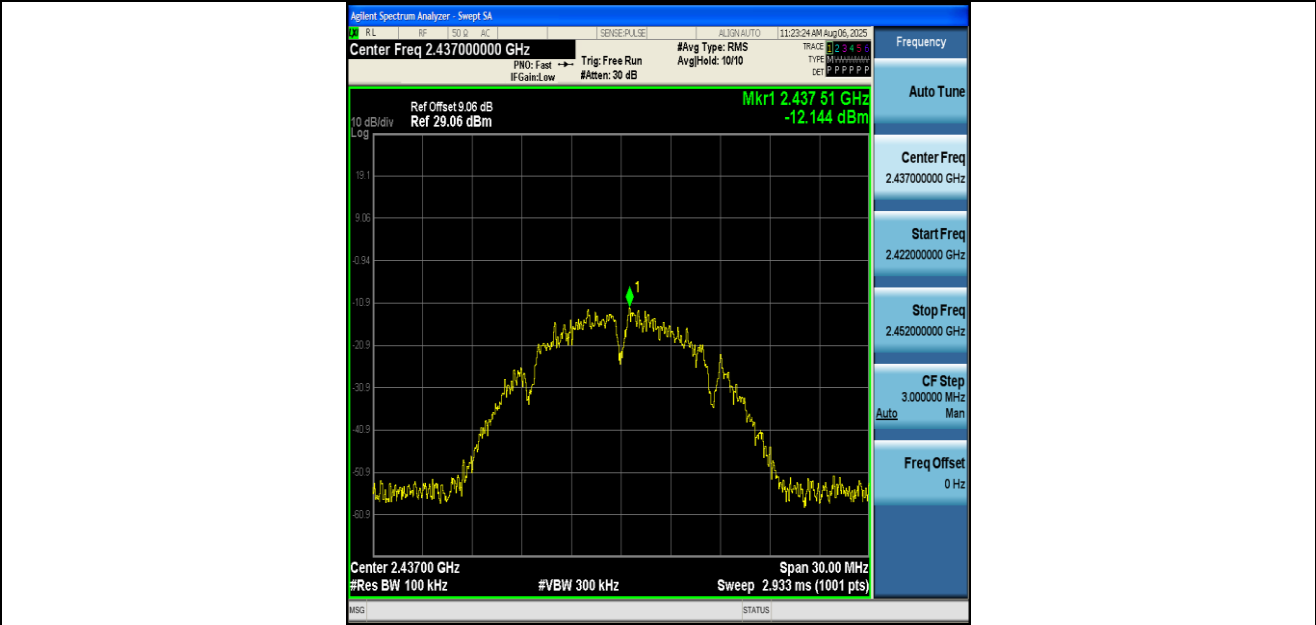
Note: offset(dB) in Reference test plots = cable loss(dB) + attenuator factor(dB); For spurious emissions plots from 30MHz to 26.5GHz, the cable loss and attenuator factors have been set in the 'Input Correction' of the Spectrum Analyzer during the test.

Test Graphs





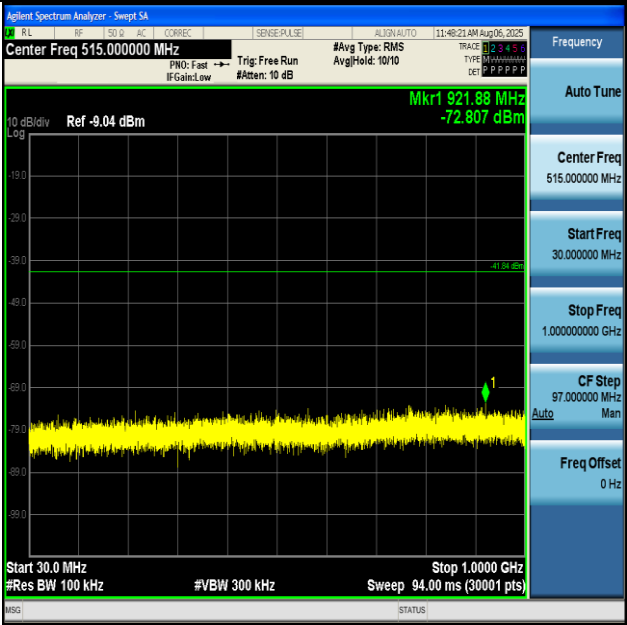




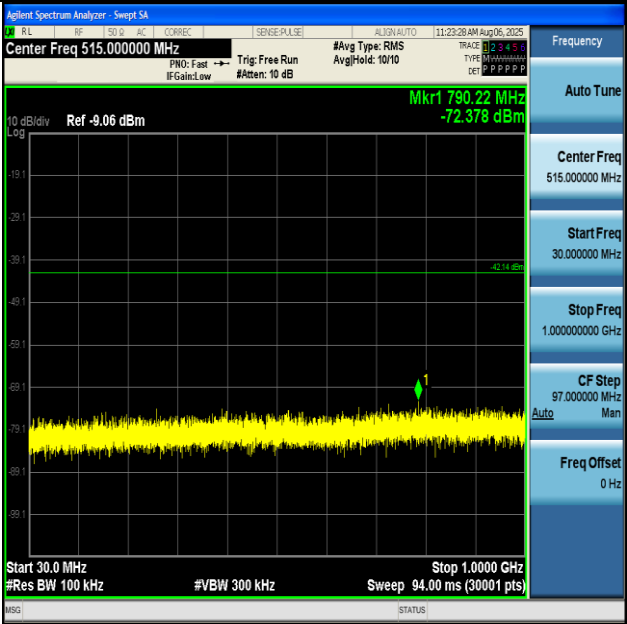
11B-Ant1-2437-0~Reference-PASS



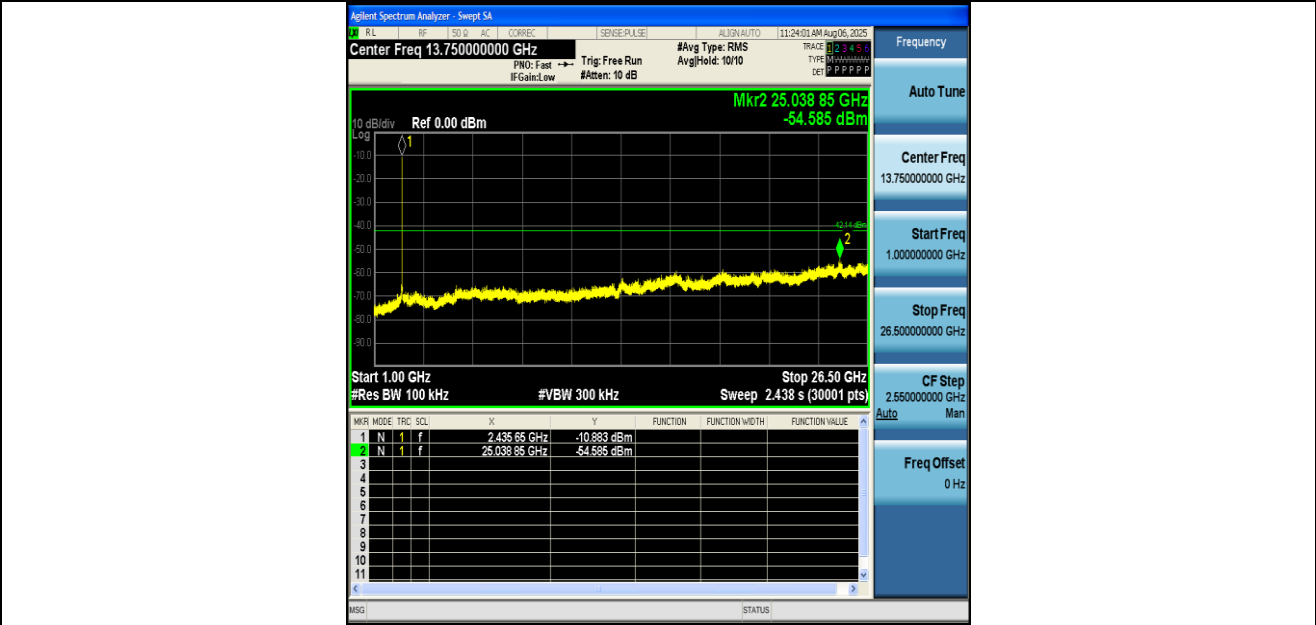
11B-Ant2-2437-0~Reference-PASS



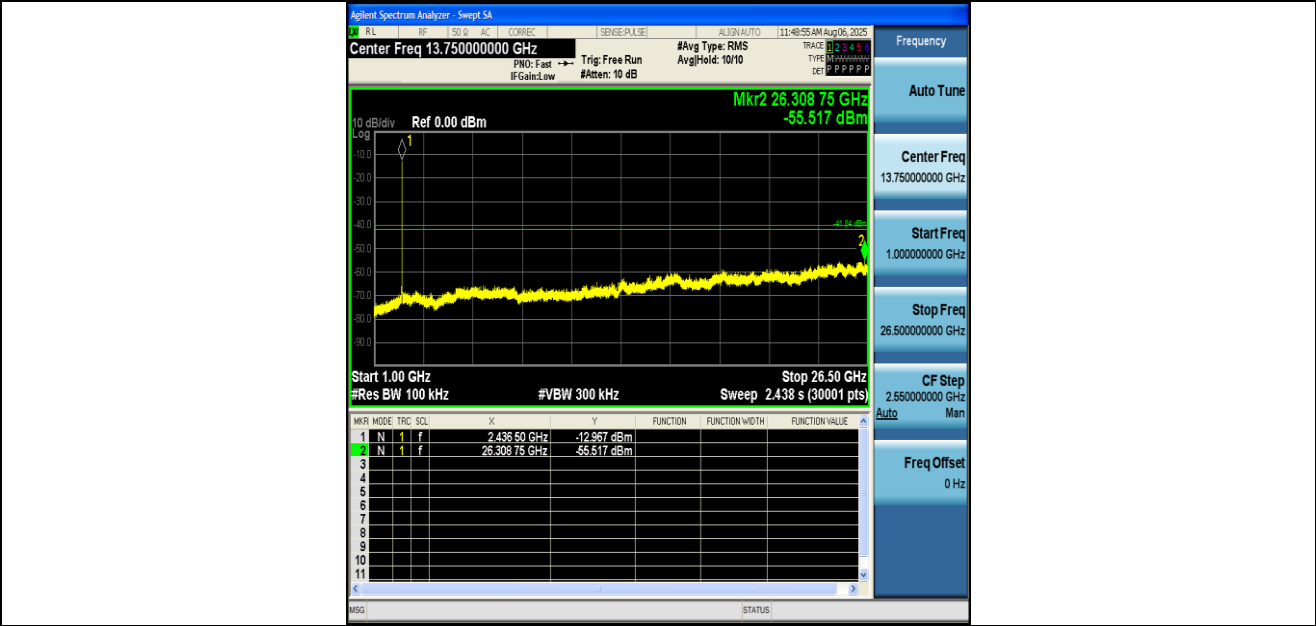
11B-Ant2-2437-30~1000-PASS



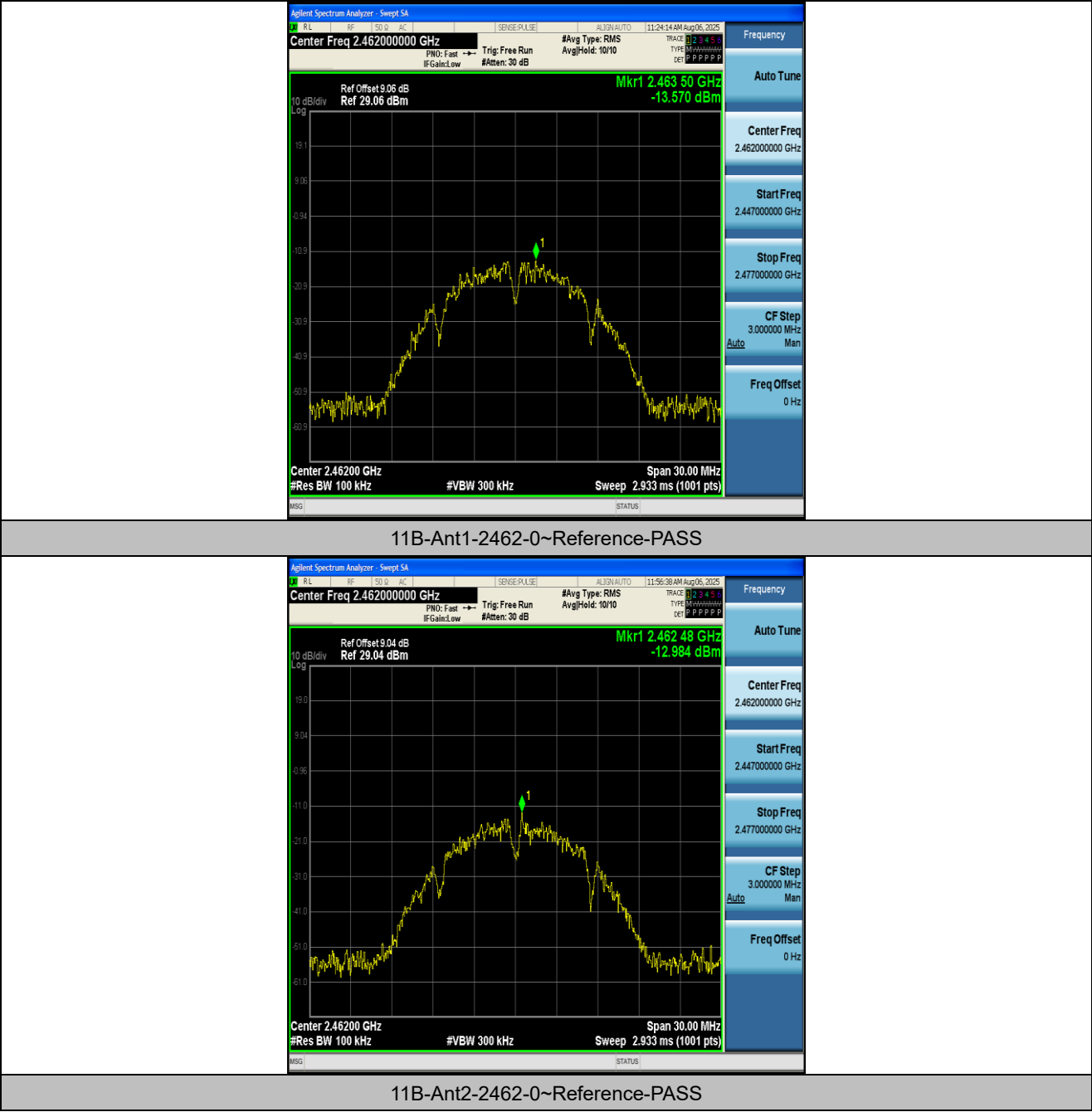
11B-Ant1-2437-30~1000-PASS

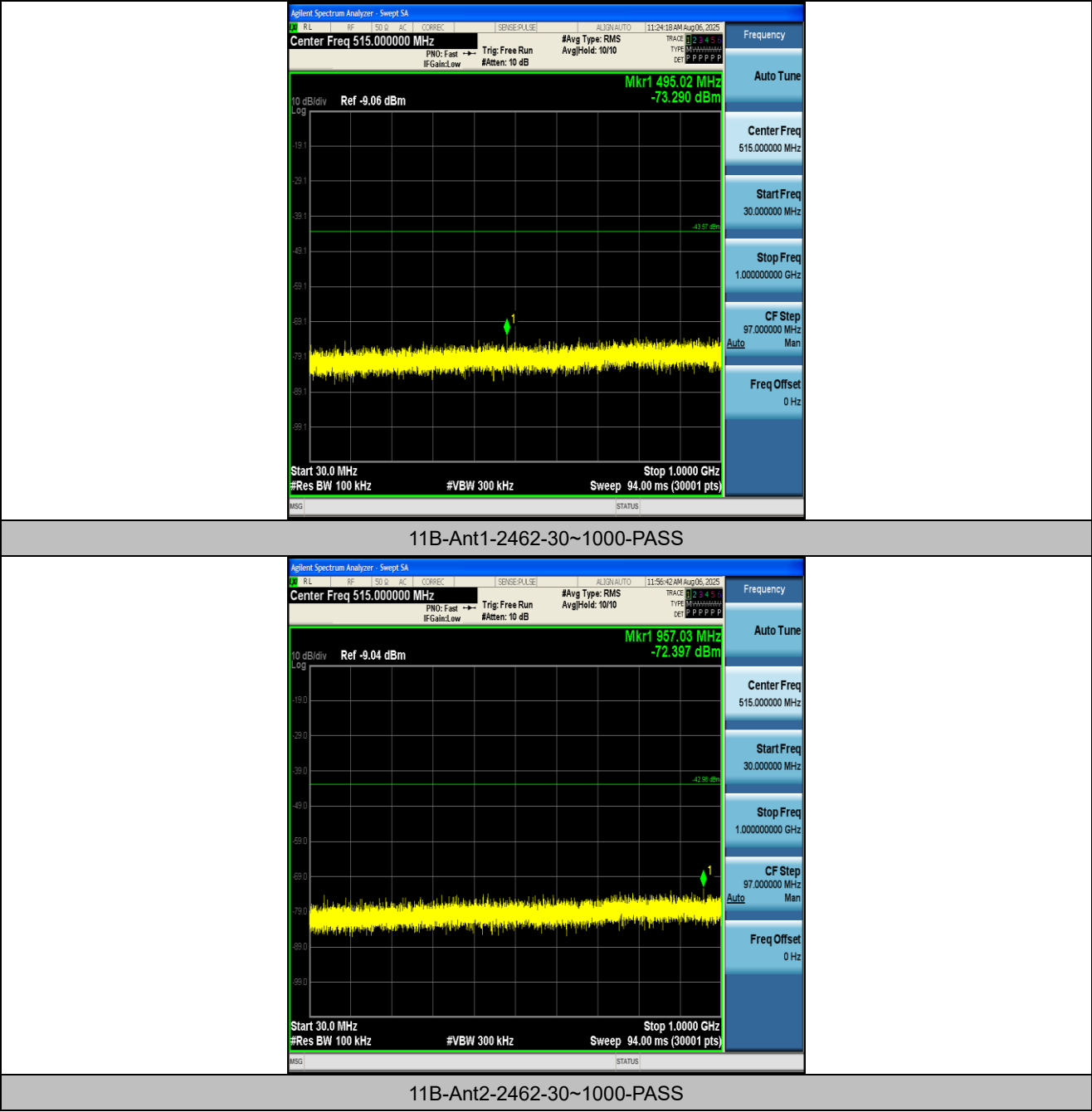


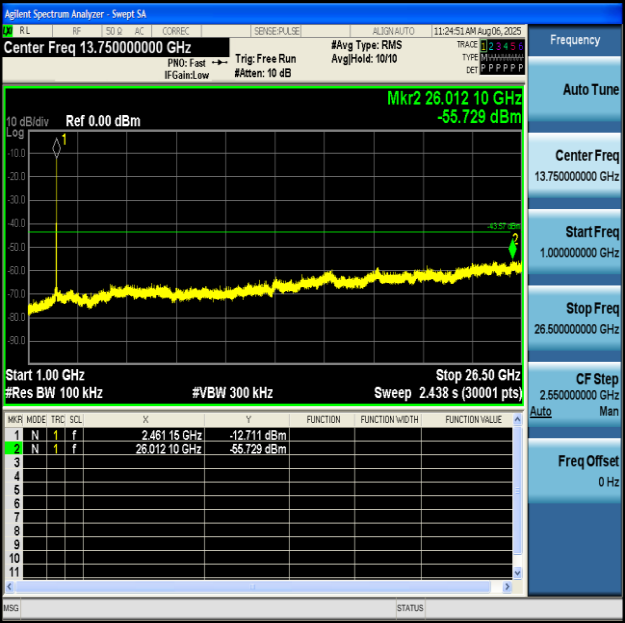
11B-Ant1-2437-1000~26500-PASS



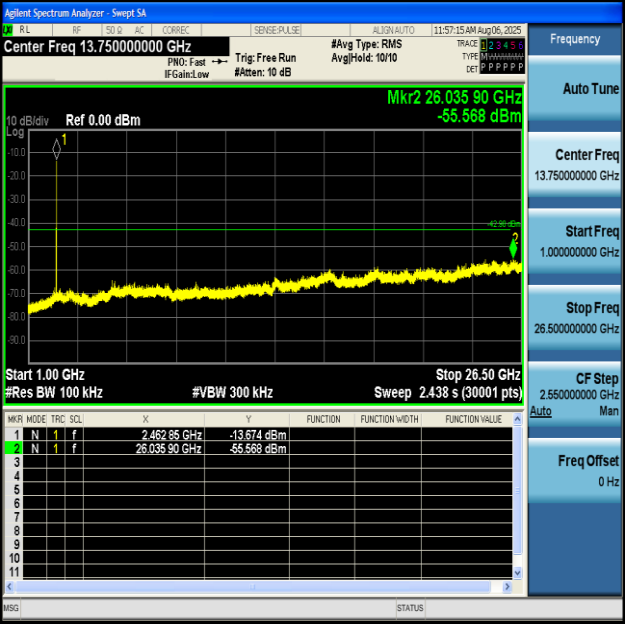
11B-Ant2-2437-1000~26500-PASS



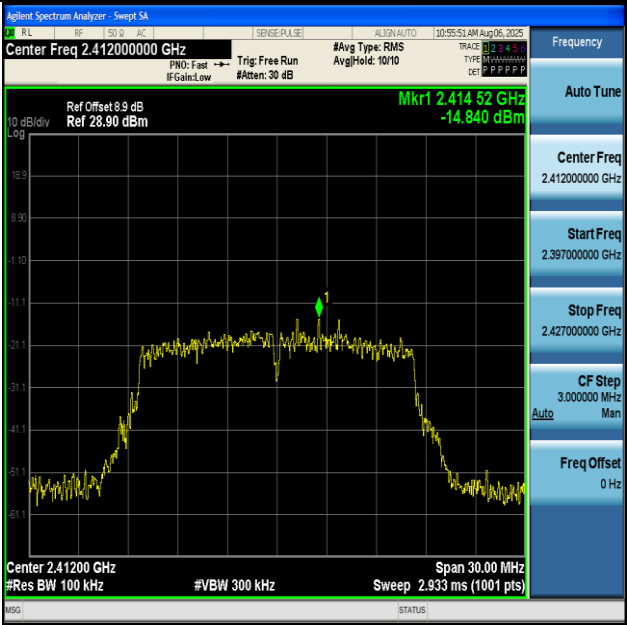




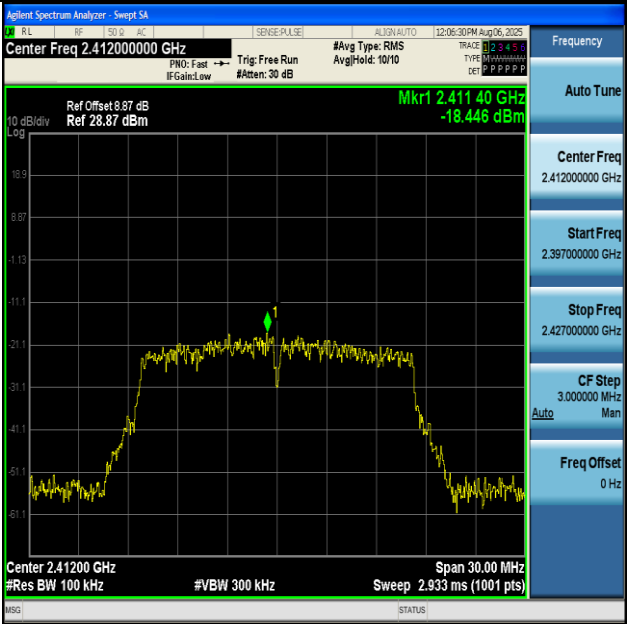
11B-Ant1-2462-1000~26500-PASS



11B-Ant2-2462-1000~26500-PASS



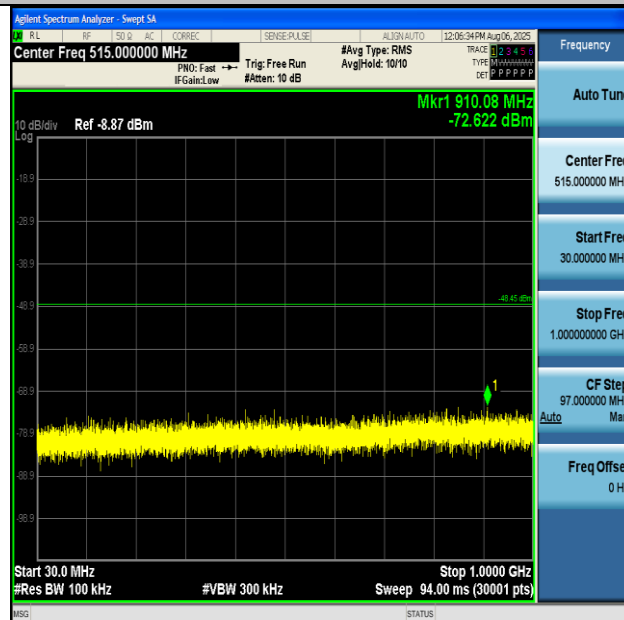
11G-Ant1-2412-0~Reference-PASS



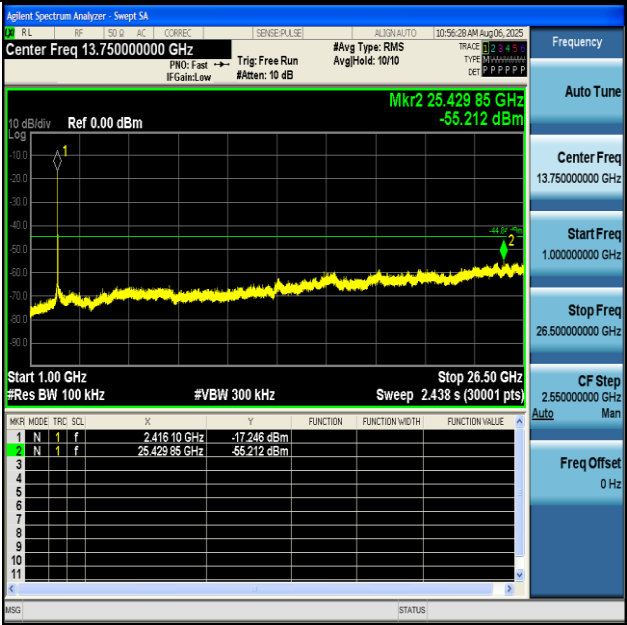
11G-Ant2-2412-0~Reference-PASS



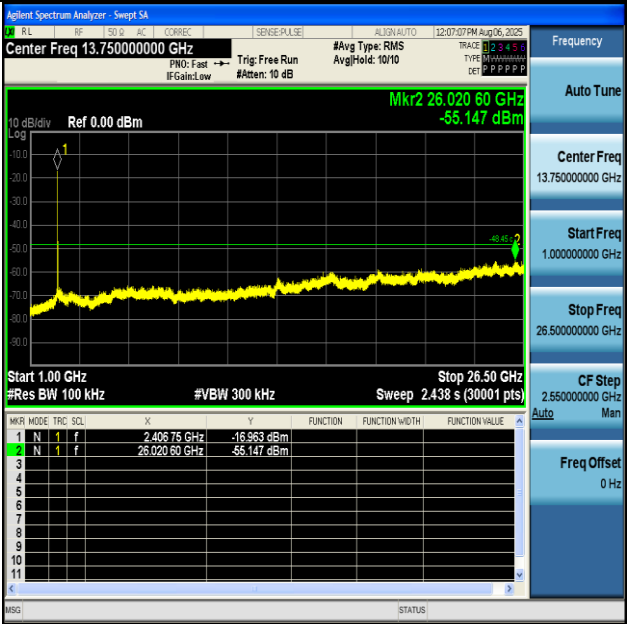
11G-Ant1-2412-30~1000-PASS



11G-Ant2-2412-30~1000-PASS



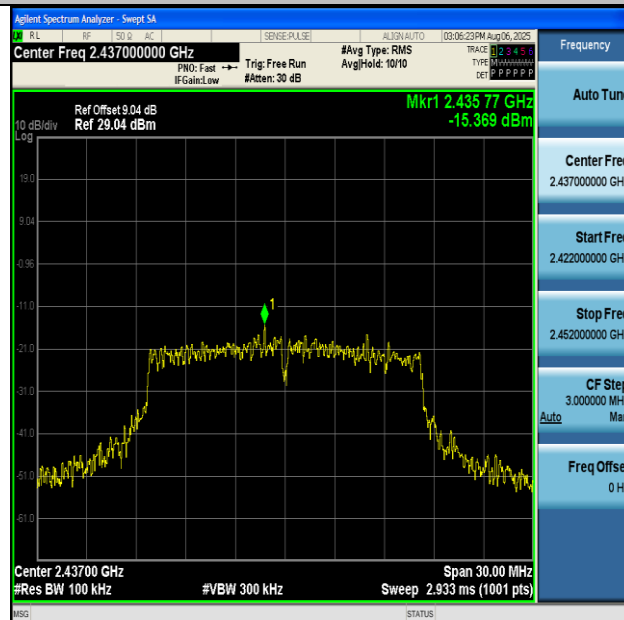
11G-Ant1-2412-1000~26500-PASS



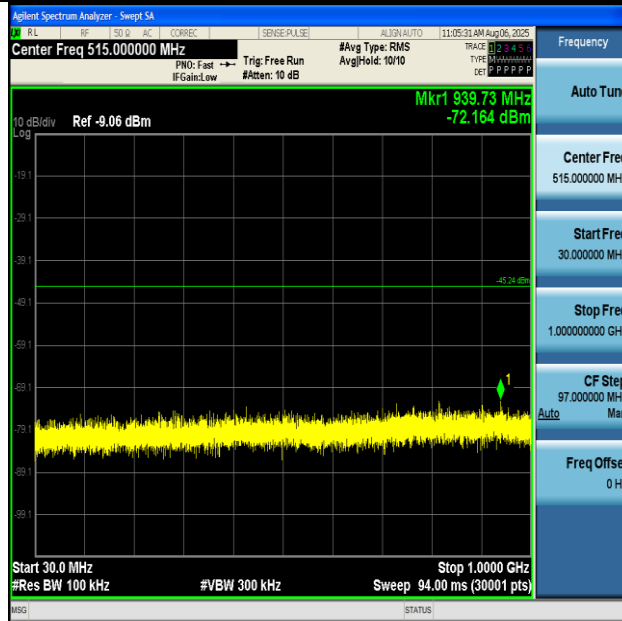
11G-Ant2-2412-1000~26500-PASS



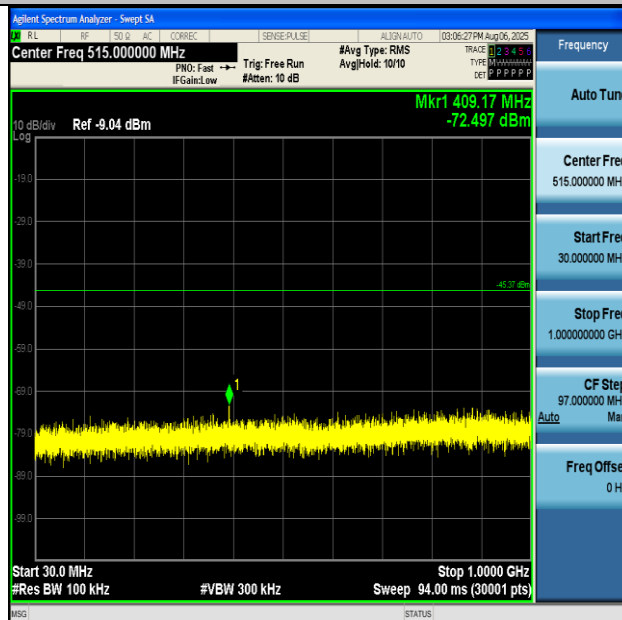
11G-Ant1-2437-0~Reference-PASS



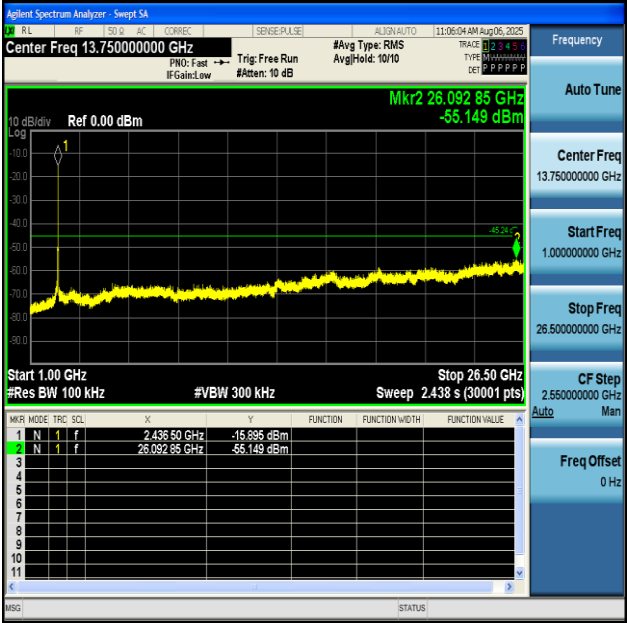
11G-Ant2-2437-0~Reference-PASS



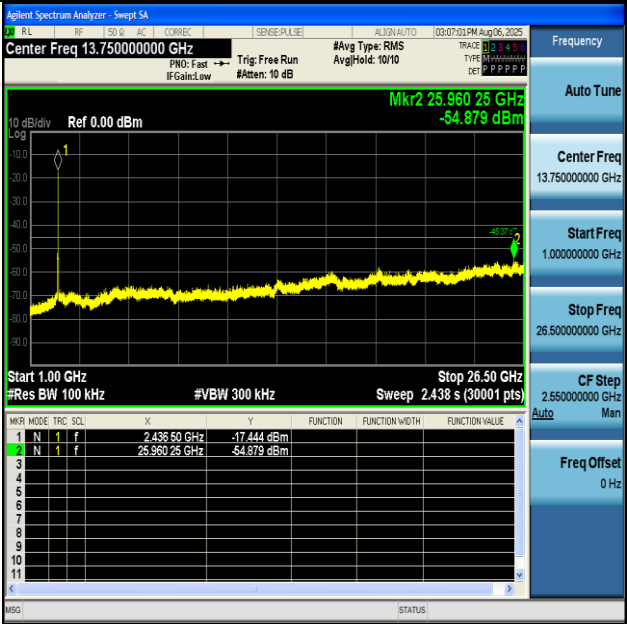
11G-Ant1-2437-30~1000-PASS



11G-Ant2-2437-30~1000-PASS



11G-Ant1-2437-1000~26500-PASS



11G-Ant2-2437-1000~26500-PASS



11G-Ant1-2462-0~Reference-PASS



11G-Ant2-2462-0~Reference-PASS

