

5.Band edge measurement

Test Result

TestMode	Antenna	Rate	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	1Mbps	Low	2412	6.65	-40.05	≤-13.35	PASS
11B	Ant1	1Mbps	High	2462	7.11	-48.26	≤-12.9	PASS
11G	Ant1	6Mbps	Low	2412	3.08	-40.47	≤-16.92	PASS
11G	Ant1	6Mbps	High	2462	2.52	-47.51	≤-17.48	PASS
11N20SISO	Ant1	MCS0	Low	2412	3.12	-41.05	≤-16.88	PASS
11N20SISO	Ant1	MCS0	High	2462	1.65	-48.01	≤-18.35	PASS
11N40SISO	Ant1	MCS0	Low	2422	0.03	-40.07	≤-19.98	PASS
11N40SISO	Ant1	MCS0	High	2452	-0.33	-47.51	≤-20.33	PASS
11B	Ant2	1Mbps	Low	2412	2.47	-40.49	≤-17.53	PASS
11B	Ant2	1Mbps	High	2462	5.19	-47.76	≤-14.81	PASS
11G	Ant2	6Mbps	Low	2412	1.37	-42.11	≤-18.63	PASS
11G	Ant2	6Mbps	High	2462	2.30	-48.49	≤-17.7	PASS
11N20SISO	Ant2	MCS0	Low	2412	1.72	-40.75	≤-18.28	PASS
11N20SISO	Ant2	MCS0	High	2462	0.64	-48.39	≤-19.37	PASS
11N40SISO	Ant2	MCS0	Low	2422	-1.02	-42.35	≤-21.02	PASS
11N40SISO	Ant2	MCS0	High	2452	-1.50	-48.51	≤-21.5	PASS
11N20MIMO	Ant1	MCS0	Low	2412	-0.46	-43.34	≤-20.46	PASS
11N20MIMO	Ant2	MCS0	Low	2412	0.79	-44.71	≤-19.21	PASS
11N20MIMO	Ant1	MCS0	High	2462	1.47	-47.47	≤-18.54	PASS
11N20MIMO	Ant2	MCS0	High	2462	0.41	-48.05	≤-19.59	PASS
11N40MIMO	Ant1	MCS0	Low	2422	-1.52	-40.44	≤-21.52	PASS
11N40MIMO	Ant2	MCS0	Low	2422	-1.64	-42.98	≤-21.64	PASS
11N40MIMO	Ant1	MCS0	High	2452	-0.95	-47.72	≤-20.95	PASS
11N40MIMO	Ant2	MCS0	High	2452	-1.61	-47.99	≤-21.61	PASS

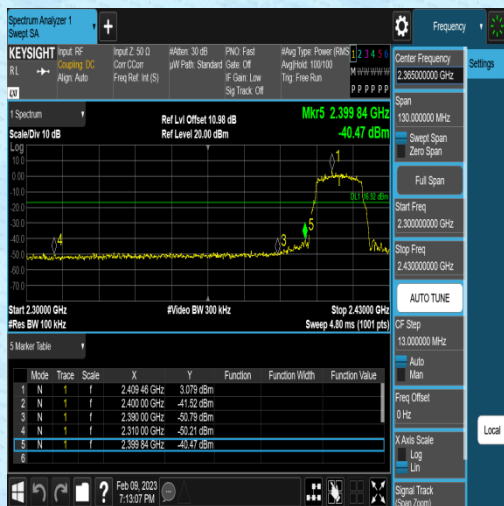
Test Graphs



11B-Ant1-Low-2412-6.65



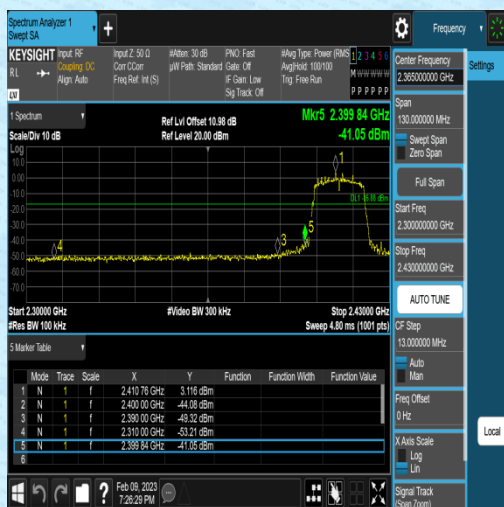
11B-Ant1-High-2462-7.11



11G-Ant1-Low-2412-3.08



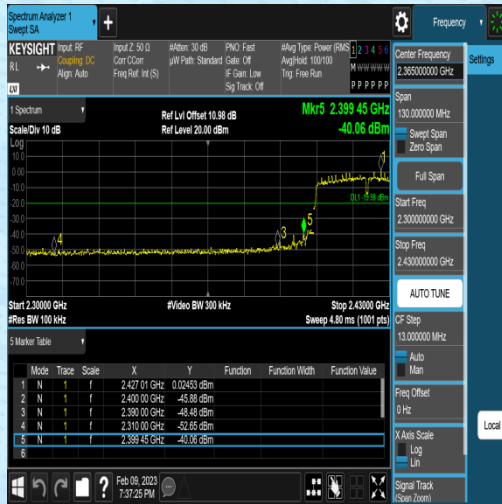
11G-Ant1-High-2462-2.52



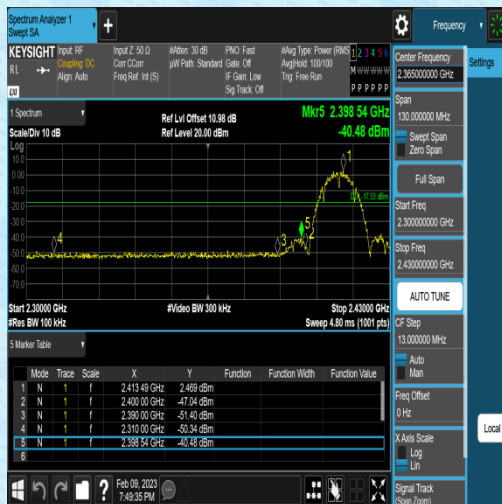
11N20SISO-Ant1-Low-2412-3.12



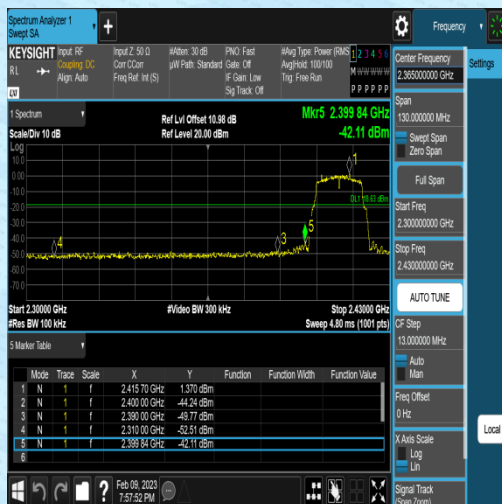
11N20SISO-Ant1-High-2462-1.65



11N40SISO-Ant1-Low-2422-0.03

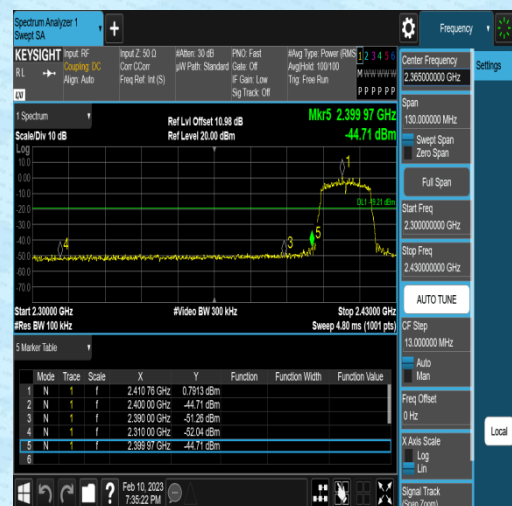
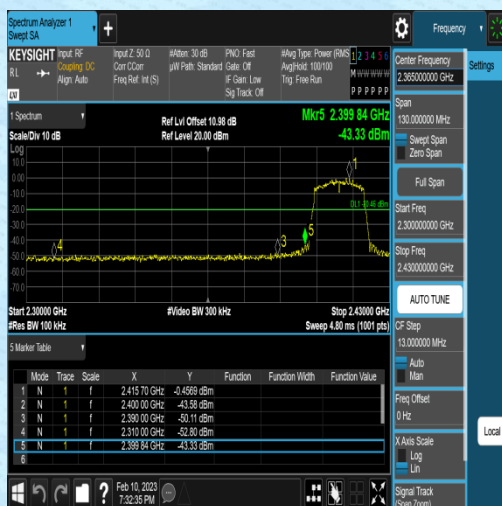
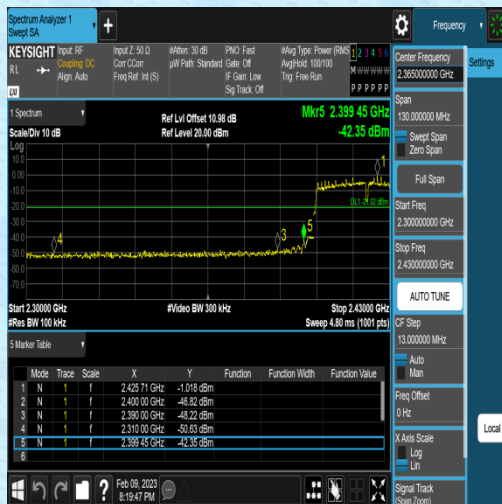
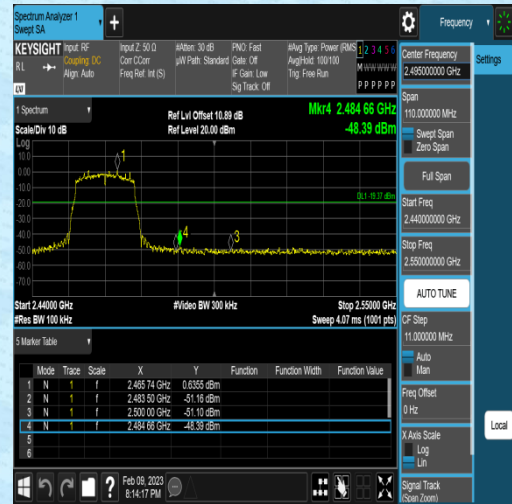
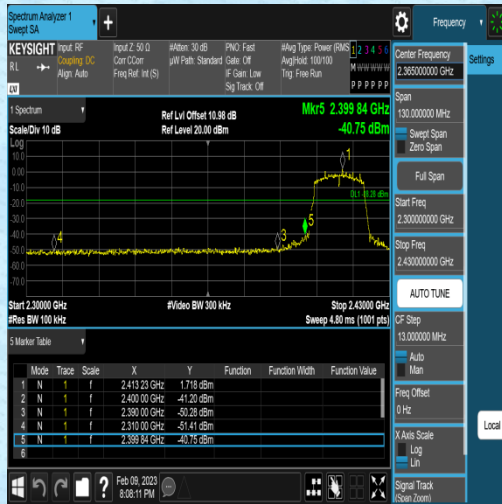


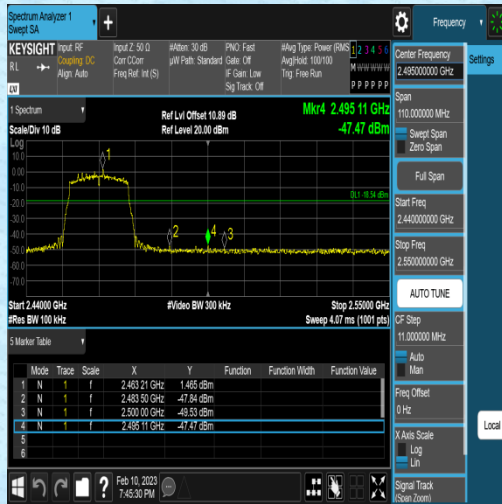
11B-Ant2-Low-2412-2.47



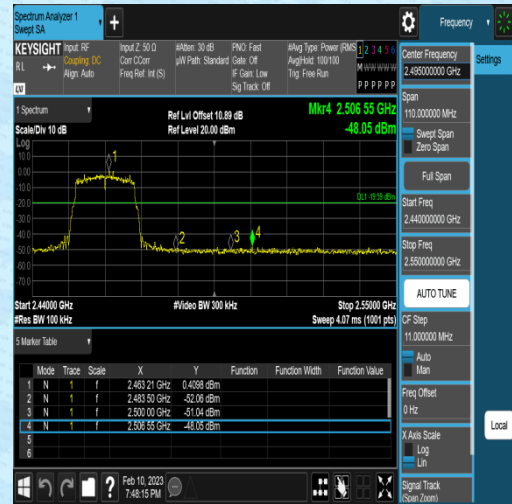
11G-Ant2-Low-2412-1.37

11G-Ant2-High-2462-2.30





11N20MIMO-Ant1-High-2462-1.47



11N20MIMO-Ant2-High-2462-0.41



11N40MIMO-Ant1-Low-2422--1.52



11N40MIMO-Ant2-Low-2422--1.64



11N40MIMO-Ant1-High-2452--0.95



11N40MIMO-Ant2-High-2452--1.61

6. Conducted Spurious Emission

Test Result

TestMode	Antenna	Rate	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	1Mbps	2412	Reference	4.82	4.82	---	PASS
11B	Ant1	1Mbps	2412	30~1000	4.82	-60.82	≤-15.18	PASS
11B	Ant1	1Mbps	2412	1000~26500	4.82	-35.12	≤-15.18	PASS
11B	Ant1	1Mbps	2437	Reference	6.46	6.46	---	PASS
11B	Ant1	1Mbps	2437	30~1000	6.46	-60.5	≤-13.54	PASS
11B	Ant1	1Mbps	2437	1000~26500	6.46	-36.18	≤-13.54	PASS
11B	Ant1	1Mbps	2462	Reference	7.17	7.17	---	PASS
11B	Ant1	1Mbps	2462	30~1000	7.17	-61.3	≤-12.83	PASS
11B	Ant1	1Mbps	2462	1000~26500	7.17	-39.93	≤-12.83	PASS
11G	Ant1	6Mbps	2412	Reference	0.20	0.20	---	PASS
11G	Ant1	6Mbps	2412	30~1000	0.20	-61.12	≤-19.8	PASS
11G	Ant1	6Mbps	2412	1000~26500	0.20	-45.76	≤-19.8	PASS
11G	Ant1	6Mbps	2437	Reference	0.39	0.39	---	PASS
11G	Ant1	6Mbps	2437	30~1000	0.39	-47.53	≤-19.61	PASS
11G	Ant1	6Mbps	2437	1000~26500	0.39	-46.77	≤-19.61	PASS
11G	Ant1	6Mbps	2462	Reference	3.09	3.09	---	PASS
11G	Ant1	6Mbps	2462	30~1000	3.09	-61.58	≤-16.91	PASS
11G	Ant1	6Mbps	2462	1000~26500	3.09	-49.59	≤-16.91	PASS
11N20SISO	Ant1	MCS0	2412	Reference	-0.15	-0.15	---	PASS
11N20SISO	Ant1	MCS0	2412	30~1000	-0.15	-61.45	≤-20.15	PASS
11N20SISO	Ant1	MCS0	2412	1000~26500	-0.15	-48.24	≤-20.15	PASS
11N20SISO	Ant1	MCS0	2437	Reference	1.86	1.86	---	PASS
11N20SISO	Ant1	MCS0	2437	30~1000	1.86	-60.77	≤-18.14	PASS
11N20SISO	Ant1	MCS0	2437	1000~26500	1.86	-49.76	≤-18.14	PASS
11N20SISO	Ant1	MCS0	2462	Reference	1.26	1.26	---	PASS
11N20SISO	Ant1	MCS0	2462	30~1000	1.26	-61.38	≤-18.74	PASS
11N20SISO	Ant1	MCS0	2462	1000~26500	1.26	-49.69	≤-18.74	PASS
11N40SISO	Ant1	MCS0	2422	Reference	-1.02	-1.02	---	PASS
11N40SISO	Ant1	MCS0	2422	30~1000	-1.02	-61.01	≤-21.02	PASS
11N40SISO	Ant1	MCS0	2422	1000~26500	-1.02	-49.25	≤-21.02	PASS
11N40SISO	Ant1	MCS0	2437	Reference	0.60	0.60	---	PASS
11N40SISO	Ant1	MCS0	2437	30~1000	0.60	-61.36	≤-19.4	PASS
11N40SISO	Ant1	MCS0	2437	1000~26500	0.60	-49.32	≤-19.4	PASS
11N40SISO	Ant1	MCS0	2452	Reference	-0.28	-0.28	---	PASS
11N40SISO	Ant1	MCS0	2452	30~1000	-0.28	-60.95	≤-20.28	PASS
11N40SISO	Ant1	MCS0	2452	1000~26500	-0.28	-50.34	≤-20.28	PASS
11B	Ant2	1Mbps	2412	Reference	1.90	1.90	---	PASS
11B	Ant2	1Mbps	2412	30~1000	1.90	-59.36	≤-18.1	PASS
11B	Ant2	1Mbps	2412	1000~26500	1.90	-49.8	≤-18.1	PASS

11B	Ant2	1Mbps	2437	Reference	4.52	4.52	---	PASS
11B	Ant2	1Mbps	2437	30~1000	4.52	-59.9	≤-15.48	PASS
11B	Ant2	1Mbps	2437	1000~26500	4.52	-49.23	≤-15.48	PASS
11B	Ant2	1Mbps	2462	Reference	4.27	4.27	---	PASS
11B	Ant2	1Mbps	2462	30~1000	4.27	-61.12	≤-15.73	PASS
11B	Ant2	1Mbps	2462	1000~26500	4.27	-49.34	≤-15.73	PASS
11G	Ant2	6Mbps	2412	Reference	-0.06	-0.06	---	PASS
11G	Ant2	6Mbps	2412	30~1000	-0.06	-60.87	≤-20.06	PASS
11G	Ant2	6Mbps	2412	1000~26500	-0.06	-49.77	≤-20.06	PASS
11G	Ant2	6Mbps	2437	Reference	0.00	0.00	---	PASS
11G	Ant2	6Mbps	2437	30~1000	0.00	-61.22	≤-20	PASS
11G	Ant2	6Mbps	2437	1000~26500	0.00	-50.43	≤-20	PASS
11G	Ant2	6Mbps	2462	Reference	-0.64	-0.64	---	PASS
11G	Ant2	6Mbps	2462	30~1000	-0.64	-61.34	≤-20.64	PASS
11G	Ant2	6Mbps	2462	1000~26500	-0.64	-49.98	≤-20.64	PASS
11N20SISO	Ant2	MCS0	2412	Reference	-0.95	-0.95	---	PASS
11N20SISO	Ant2	MCS0	2412	30~1000	-0.95	-60.94	≤-20.95	PASS
11N20SISO	Ant2	MCS0	2412	1000~26500	-0.95	-50.19	≤-20.95	PASS
11N20SISO	Ant2	MCS0	2437	Reference	-1.48	-1.48	---	PASS
11N20SISO	Ant2	MCS0	2437	30~1000	-1.48	-60.9	≤-21.48	PASS
11N20SISO	Ant2	MCS0	2437	1000~26500	-1.48	-49.79	≤-21.48	PASS
11N20SISO	Ant2	MCS0	2462	Reference	-0.59	-0.59	---	PASS
11N20SISO	Ant2	MCS0	2462	30~1000	-0.59	-60.99	≤-20.59	PASS
11N20SISO	Ant2	MCS0	2462	1000~26500	-0.59	-50.03	≤-20.59	PASS
11N40SISO	Ant2	MCS0	2422	Reference	-1.88	-1.88	---	PASS
11N40SISO	Ant2	MCS0	2422	30~1000	-1.88	-61.12	≤-21.88	PASS
11N40SISO	Ant2	MCS0	2422	1000~26500	-1.88	-49.82	≤-21.88	PASS
11N40SISO	Ant2	MCS0	2437	Reference	0.10	0.10	---	PASS
11N40SISO	Ant2	MCS0	2437	30~1000	0.10	-61.24	≤-19.9	PASS
11N40SISO	Ant2	MCS0	2437	1000~26500	0.10	-49.11	≤-19.9	PASS
11N40SISO	Ant2	MCS0	2452	Reference	-2.58	-2.58	---	PASS
11N40SISO	Ant2	MCS0	2452	30~1000	-2.58	-61.17	≤-22.58	PASS
11N40SISO	Ant2	MCS0	2452	1000~26500	-2.58	-49.82	≤-22.58	PASS
11N20MIMO	Ant1	MCS0	2412	Reference	1.27	1.27	---	PASS
11N20MIMO	Ant1	MCS0	2412	30~1000	1.27	-61.17	≤-18.73	PASS
11N20MIMO	Ant1	MCS0	2412	1000~26500	1.27	-49.85	≤-18.73	PASS
11N20MIMO	Ant2	MCS0	2412	Reference	-0.45	-0.45	---	PASS
11N20MIMO	Ant2	MCS0	2412	30~1000	-0.45	-61.33	≤-20.45	PASS
11N20MIMO	Ant2	MCS0	2412	1000~26500	-0.45	-48.86	≤-20.45	PASS
11N20MIMO	Ant1	MCS0	2437	Reference	-2.18	-2.18	---	PASS
11N20MIMO	Ant1	MCS0	2437	30~1000	-2.18	-61.26	≤-22.18	PASS
11N20MIMO	Ant1	MCS0	2437	1000~26500	-2.18	-49.67	≤-22.18	PASS
11N20MIMO	Ant2	MCS0	2437	Reference	-2.07	-2.07	---	PASS
11N20MIMO	Ant2	MCS0	2437	30~1000	-2.07	-60.98	≤-22.07	PASS

11N20MIMO	Ant2	MCS0	2437	1000~26500	-2.07	-50.02	≤-22.07	PASS
11N20MIMO	Ant1	MCS0	2462	Reference	-0.47	-0.47	---	PASS
11N20MIMO	Ant1	MCS0	2462	30~1000	-0.47	-61.55	≤-20.47	PASS
11N20MIMO	Ant1	MCS0	2462	1000~26500	-0.47	-49.75	≤-20.47	PASS
11N20MIMO	Ant2	MCS0	2462	Reference	-0.31	-0.31	---	PASS
11N20MIMO	Ant2	MCS0	2462	30~1000	-0.31	-61.27	≤-20.31	PASS
11N20MIMO	Ant2	MCS0	2462	1000~26500	-0.31	-49.8	≤-20.31	PASS
11N40MIMO	Ant1	MCS0	2422	Reference	-1.24	-1.24	---	PASS
11N40MIMO	Ant1	MCS0	2422	30~1000	-1.24	-61.43	≤-21.24	PASS
11N40MIMO	Ant1	MCS0	2422	1000~26500	-1.24	-49.19	≤-21.24	PASS
11N40MIMO	Ant2	MCS0	2422	Reference	-3.18	-3.18	---	PASS
11N40MIMO	Ant2	MCS0	2422	30~1000	-3.18	-60.63	≤-23.18	PASS
11N40MIMO	Ant2	MCS0	2422	1000~26500	-3.18	-48.65	≤-23.18	PASS
11N40MIMO	Ant1	MCS0	2437	Reference	-4.67	-4.67	---	PASS
11N40MIMO	Ant1	MCS0	2437	30~1000	-4.67	-60.34	≤-24.67	PASS
11N40MIMO	Ant1	MCS0	2437	1000~26500	-4.67	-48.69	≤-24.67	PASS
11N40MIMO	Ant2	MCS0	2437	Reference	-4.36	-4.36	---	PASS
11N40MIMO	Ant2	MCS0	2437	30~1000	-4.36	-60.49	≤-24.36	PASS
11N40MIMO	Ant2	MCS0	2437	1000~26500	-4.36	-50.48	≤-24.36	PASS
11N40MIMO	Ant1	MCS0	2452	Reference	-2.43	-2.43	---	PASS
11N40MIMO	Ant1	MCS0	2452	30~1000	-2.43	-61.09	≤-22.43	PASS
11N40MIMO	Ant1	MCS0	2452	1000~26500	-2.43	-49.17	≤-22.43	PASS
11N40MIMO	Ant2	MCS0	2452	Reference	-1.77	-1.77	---	PASS
11N40MIMO	Ant2	MCS0	2452	30~1000	-1.77	-60.99	≤-21.77	PASS
11N40MIMO	Ant2	MCS0	2452	1000~26500	-1.77	-50.29	≤-21.77	PASS

Test Graphs

