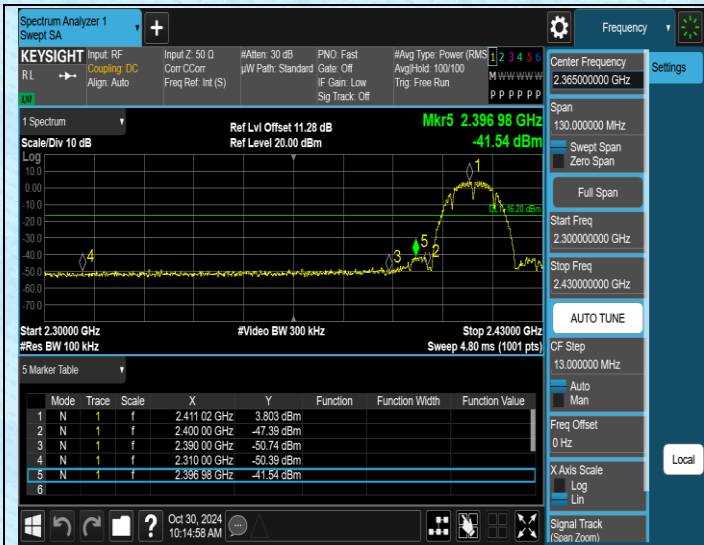


AppendixE:Band edge measurements

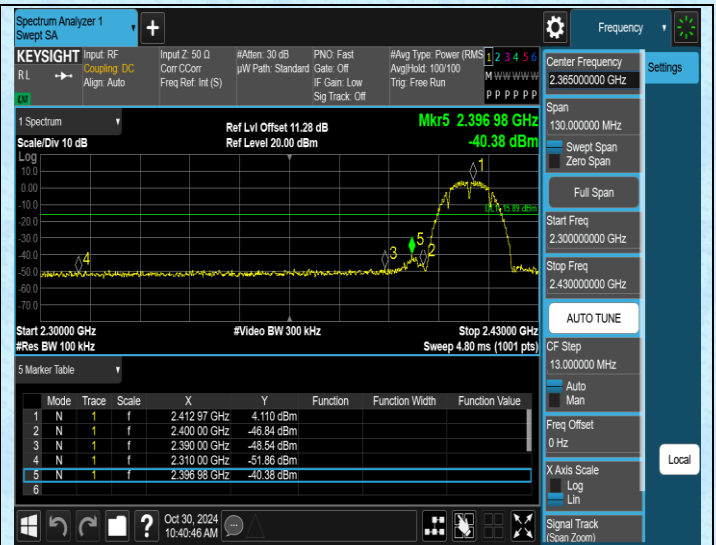
Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	Rate	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	1Mbps	3.80	-41.54	≤-16.2	PASS
11B	Ant2	Low	2412	1Mbps	4.11	-40.38	≤-15.89	PASS
11B	Ant1	High	2462	1Mbps	4.55	-48.04	≤-15.45	PASS
11B	Ant2	High	2462	1Mbps	4.03	-47.57	≤-15.97	PASS
11G	Ant1	Low	2412	6Mbps	-3.59	-40.8	≤-23.59	PASS
11G	Ant2	Low	2412	6Mbps	-3.65	-39.32	≤-23.65	PASS
11G	Ant1	High	2462	6Mbps	-3.24	-48.39	≤-23.24	PASS
11G	Ant2	High	2462	6Mbps	-4.14	-48.52	≤-24.14	PASS
11N20SISO	Ant1	Low	2412	MCS0	-3.84	-39.43	≤-23.84	PASS
11N20SISO	Ant2	Low	2412	MCS0	-3.19	-38.53	≤-23.19	PASS
11N20SISO	Ant1	High	2462	MCS0	-3.34	-48.83	≤-23.34	PASS
11N20SISO	Ant2	High	2462	MCS0	-3.73	-48.08	≤-23.73	PASS
11N40SISO	Ant1	Low	2422	MCS0	-6.87	-44.14	≤-26.87	PASS
11N40SISO	Ant2	Low	2422	MCS0	-7.04	-41.71	≤-27.04	PASS
11N40SISO	Ant1	High	2452	MCS0	-6.97	-48.45	≤-26.97	PASS
11N40SISO	Ant2	High	2452	MCS0	-7.00	-47.99	≤-27	PASS
11N20MIMO	Ant1	Low	2412	MCS0	-5.30	-40.95	≤-25.3	PASS
11N20MIMO	Ant2	Low	2412	MCS0	-8.06	-43.22	≤-28.06	PASS
11N20MIMO	Ant1	High	2462	MCS0	-5.37	-45.48	≤-25.37	PASS
11N20MIMO	Ant2	High	2462	MCS0	-9.10	-48.43	≤-29.1	PASS
11N40MIMO	Ant1	Low	2422	MCS0	-9.43	-44.7	≤-29.43	PASS
11N40MIMO	Ant2	Low	2422	MCS0	-11.58	-46.66	≤-31.58	PASS
11N40MIMO	Ant1	High	2452	MCS0	-8.30	-48.32	≤-28.3	PASS
11N40MIMO	Ant2	High	2452	MCS0	-11.13	-48.36	≤-31.13	PASS

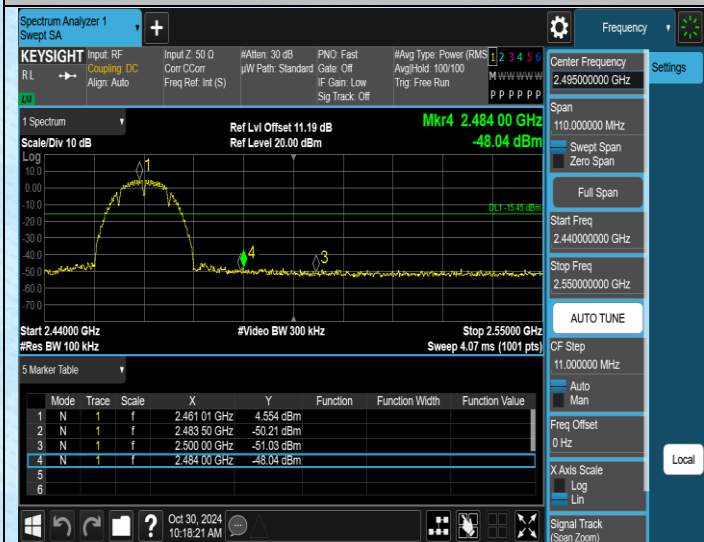
Test Graphs



11B-Ant1-2412-PASS



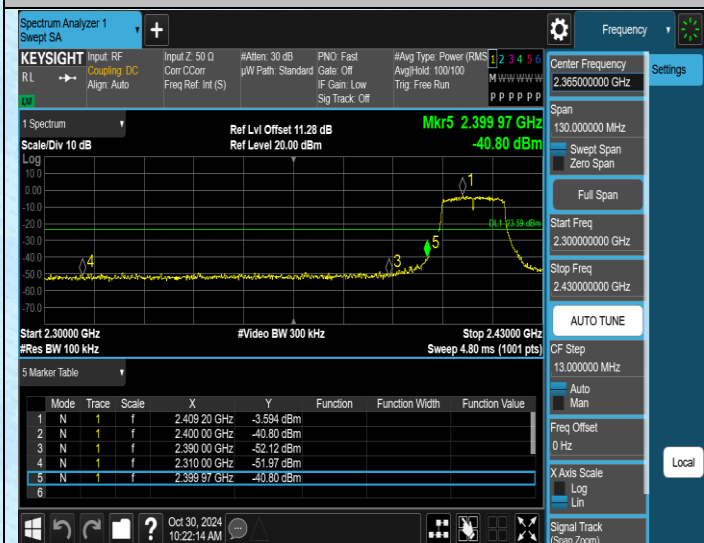
11B-Ant2-2412-PASS



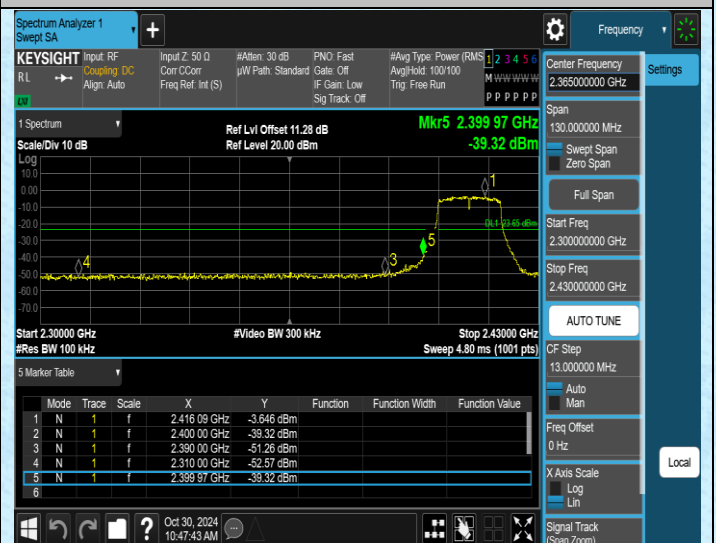
11B-Ant1-2462-PASS



11B-Ant2-2462-PASS



11G-Ant1-2412-PASS



11G-Ant2-2412-PASS



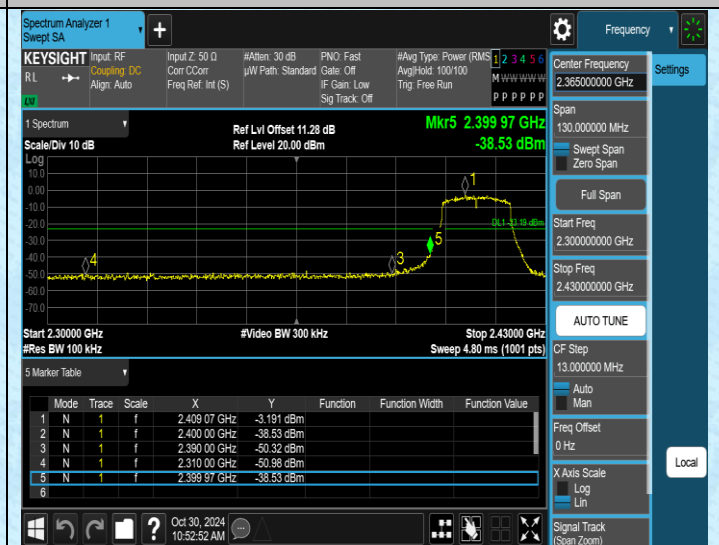
11G-Ant1-2462-PASS



11G-Ant2-2462-PASS



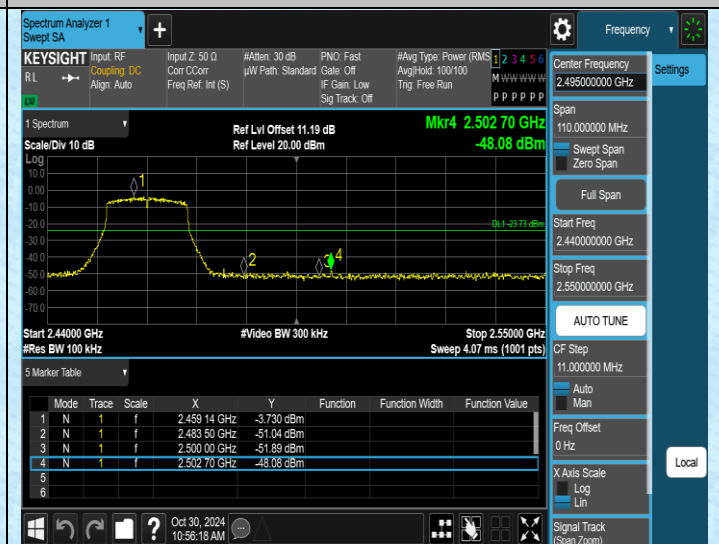
11N20SISO-Ant1-2412-PASS



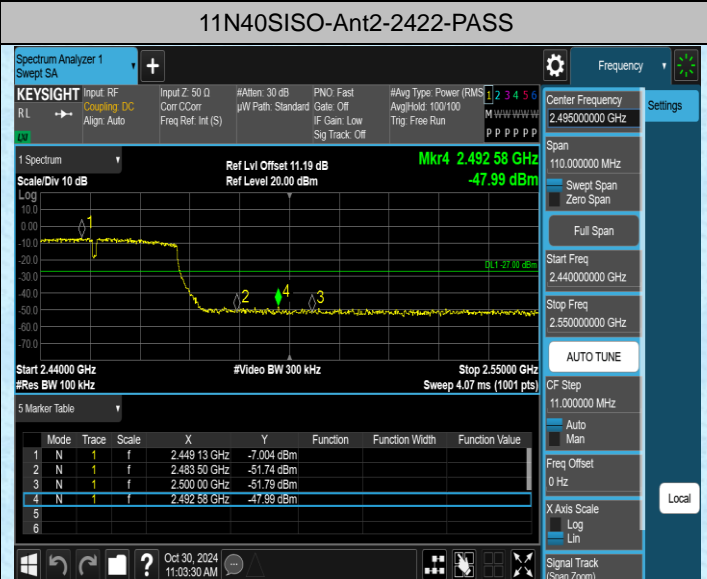
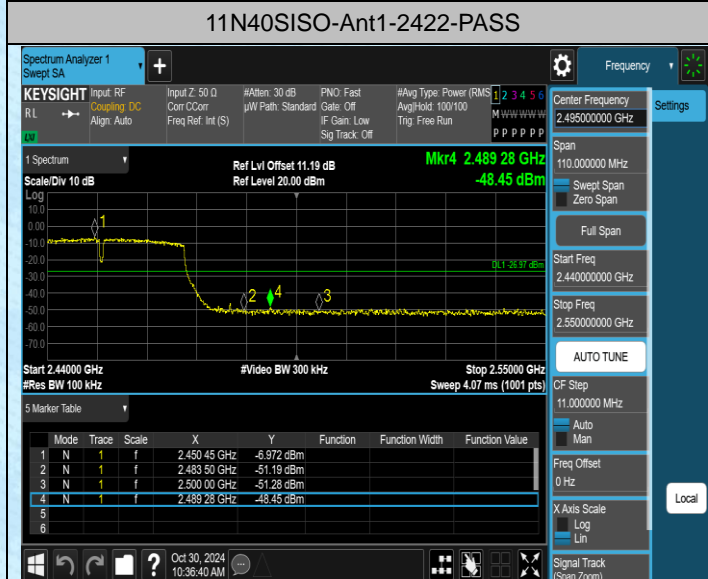
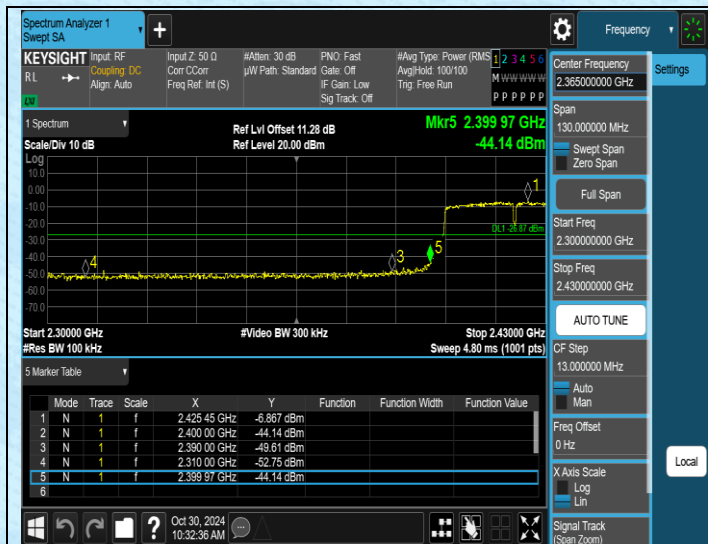
11N20SISO-Ant2-2412-PASS



11N20SISO-Ant1-2462-PASS



11N20SISO-Ant2-2462-PASS

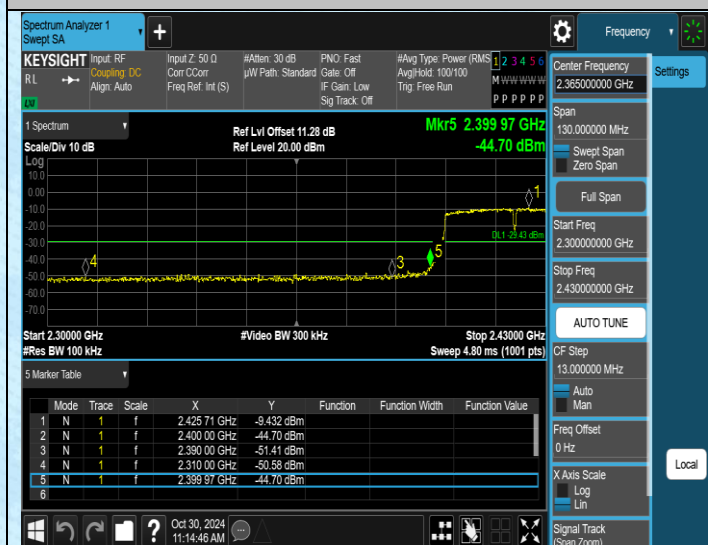




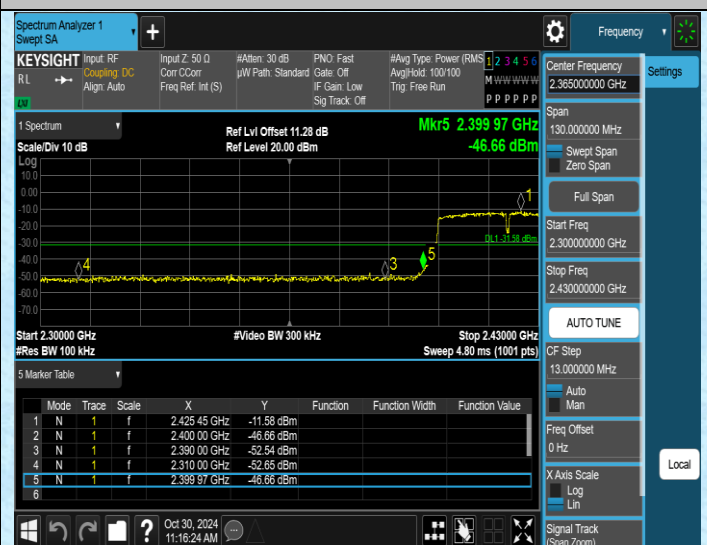
11N20MIMO-Ant1-2462-PASS



11N20MIMO-Ant2-2462-PASS



11N40MIMO-Ant1-2422-PASS



11N40MIMO-Ant2-2422-PASS



11N40MIMO-Ant1-2452-PASS



11N40MIMO-Ant2-2452-PASS

Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	1Mbps	0~Reference	3.67	3.67	---	PASS
11B	Ant1	2412	1Mbps	30~1000	3.67	-61.05	≤-16.33	PASS
11B	Ant1	2412	1Mbps	1000~26500	3.67	-49.7	≤-16.33	PASS
11B	Ant2	2412	1Mbps	0~Reference	4.05	4.05	---	PASS
11B	Ant2	2412	1Mbps	30~1000	4.05	-60.58	≤-15.95	PASS
11B	Ant2	2412	1Mbps	1000~26500	4.05	-49.44	≤-15.95	PASS
11B	Ant1	2437	1Mbps	0~Reference	3.98	3.98	---	PASS
11B	Ant1	2437	1Mbps	30~1000	3.98	-60.82	≤-16.02	PASS
11B	Ant1	2437	1Mbps	1000~26500	3.98	-49.43	≤-16.02	PASS
11B	Ant2	2437	1Mbps	0~Reference	2.98	2.98	---	PASS
11B	Ant2	2437	1Mbps	30~1000	2.98	-61.24	≤-17.02	PASS
11B	Ant2	2437	1Mbps	1000~26500	2.98	-49.9	≤-17.02	PASS
11B	Ant1	2462	1Mbps	0~Reference	4.53	4.53	---	PASS
11B	Ant1	2462	1Mbps	30~1000	4.53	-62.03	≤-15.47	PASS
11B	Ant1	2462	1Mbps	1000~26500	4.53	-49.52	≤-15.47	PASS
11B	Ant2	2462	1Mbps	0~Reference	3.52	3.52	---	PASS
11B	Ant2	2462	1Mbps	30~1000	3.52	-61.71	≤-16.48	PASS
11B	Ant2	2462	1Mbps	1000~26500	3.52	-49.95	≤-16.48	PASS
11G	Ant1	2412	6Mbps	0~Reference	-4.04	-4.04	---	PASS
11G	Ant1	2412	6Mbps	30~1000	-4.04	-61.8	≤-24.04	PASS
11G	Ant1	2412	6Mbps	1000~26500	-4.04	-50.23	≤-24.04	PASS
11G	Ant2	2412	6Mbps	0~Reference	-3.78	-3.78	---	PASS
11G	Ant2	2412	6Mbps	30~1000	-3.78	-61.46	≤-23.78	PASS
11G	Ant2	2412	6Mbps	1000~26500	-3.78	-49.96	≤-23.78	PASS
11G	Ant1	2437	6Mbps	0~Reference	-3.19	-3.19	---	PASS
11G	Ant1	2437	6Mbps	30~1000	-3.19	-61.93	≤-23.19	PASS
11G	Ant1	2437	6Mbps	1000~26500	-3.19	-48.27	≤-23.19	PASS
11G	Ant2	2437	6Mbps	0~Reference	-3.70	-3.70	---	PASS
11G	Ant2	2437	6Mbps	30~1000	-3.70	-61.31	≤-23.7	PASS
11G	Ant2	2437	6Mbps	1000~26500	-3.70	-49.75	≤-23.7	PASS
11G	Ant1	2462	6Mbps	0~Reference	-3.73	-3.73	---	PASS
11G	Ant1	2462	6Mbps	30~1000	-3.73	-62.08	≤-23.73	PASS
11G	Ant1	2462	6Mbps	1000~26500	-3.73	-50.15	≤-23.73	PASS
11G	Ant2	2462	6Mbps	0~Reference	-4.43	-4.43	---	PASS
11G	Ant2	2462	6Mbps	30~1000	-4.43	-61.62	≤-24.43	PASS
11G	Ant2	2462	6Mbps	1000~26500	-4.43	-49.27	≤-24.43	PASS
11N20SISO	Ant1	2412	MCS0	0~Reference	-4.11	-4.11	---	PASS

11N20SISO	Ant1	2412	MCS0	30~1000	-4.11	-61.07	≤-24.11	PASS
11N20SISO	Ant1	2412	MCS0	1000~26500	-4.11	-49.89	≤-24.11	PASS
11N20SISO	Ant2	2412	MCS0	0~Reference	-4.00	-4.00	---	PASS
11N20SISO	Ant2	2412	MCS0	30~1000	-4.00	-61.1	≤-24	PASS
11N20SISO	Ant2	2412	MCS0	1000~26500	-4.00	-49.58	≤-24	PASS
11N20SISO	Ant1	2437	MCS0	0~Reference	-3.66	-3.66	---	PASS
11N20SISO	Ant1	2437	MCS0	30~1000	-3.66	-61.38	≤-23.66	PASS
11N20SISO	Ant1	2437	MCS0	1000~26500	-3.66	-49.68	≤-23.66	PASS
11N20SISO	Ant2	2437	MCS0	0~Reference	-3.90	-3.90	---	PASS
11N20SISO	Ant2	2437	MCS0	30~1000	-3.90	-60.79	≤-23.9	PASS
11N20SISO	Ant2	2437	MCS0	1000~26500	-3.90	-49.33	≤-23.9	PASS
11N20SISO	Ant1	2462	MCS0	0~Reference	-3.88	-3.88	---	PASS
11N20SISO	Ant1	2462	MCS0	30~1000	-3.88	-60.89	≤-23.88	PASS
11N20SISO	Ant1	2462	MCS0	1000~26500	-3.88	-49.78	≤-23.88	PASS
11N20SISO	Ant2	2462	MCS0	0~Reference	-4.16	-4.16	---	PASS
11N20SISO	Ant2	2462	MCS0	30~1000	-4.16	-61.62	≤-24.16	PASS
11N20SISO	Ant2	2462	MCS0	1000~26500	-4.16	-49.75	≤-24.16	PASS
11N40SISO	Ant1	2422	MCS0	0~Reference	-7.63	-7.63	---	PASS
11N40SISO	Ant1	2422	MCS0	30~1000	-7.63	-61.45	≤-27.63	PASS
11N40SISO	Ant1	2422	MCS0	1000~26500	-7.63	-49.97	≤-27.63	PASS
11N40SISO	Ant2	2422	MCS0	0~Reference	-7.04	-7.04	---	PASS
11N40SISO	Ant2	2422	MCS0	30~1000	-7.04	-62.08	≤-27.04	PASS
11N40SISO	Ant2	2422	MCS0	1000~26500	-7.04	-49.51	≤-27.04	PASS
11N40SISO	Ant1	2437	MCS0	0~Reference	-7.55	-7.55	---	PASS
11N40SISO	Ant1	2437	MCS0	30~1000	-7.55	-61.67	≤-27.55	PASS
11N40SISO	Ant1	2437	MCS0	1000~26500	-7.55	-49.79	≤-27.55	PASS
11N40SISO	Ant2	2437	MCS0	0~Reference	-6.73	-6.73	---	PASS
11N40SISO	Ant2	2437	MCS0	30~1000	-6.73	-61.41	≤-26.73	PASS
11N40SISO	Ant2	2437	MCS0	1000~26500	-6.73	-48.72	≤-26.73	PASS
11N40SISO	Ant1	2452	MCS0	0~Reference	-7.52	-7.52	---	PASS
11N40SISO	Ant1	2452	MCS0	30~1000	-7.52	-61.22	≤-27.52	PASS
11N40SISO	Ant1	2452	MCS0	1000~26500	-7.52	-49.33	≤-27.52	PASS
11N40SISO	Ant2	2452	MCS0	0~Reference	-6.98	-6.98	---	PASS
11N40SISO	Ant2	2452	MCS0	30~1000	-6.98	-61.44	≤-26.98	PASS
11N40SISO	Ant2	2452	MCS0	1000~26500	-6.98	-49.88	≤-26.98	PASS
11N20MIMO	Ant1	2412	MCS0	0~Reference	-5.36	-5.36	---	PASS
11N20MIMO	Ant1	2412	MCS0	30~1000	-5.36	-52.3	≤-25.36	PASS
11N20MIMO	Ant1	2412	MCS0	1000~26500	-5.36	-49.74	≤-25.36	PASS
11N20MIMO	Ant2	2412	MCS0	0~Reference	-8.71	-8.71	---	PASS
11N20MIMO	Ant2	2412	MCS0	30~1000	-8.71	-61.27	≤-28.71	PASS
11N20MIMO	Ant2	2412	MCS0	1000~26500	-8.71	-49.74	≤-28.71	PASS
11N20MIMO	Ant1	2437	MCS0	0~Reference	-6.98	-6.98	---	PASS
11N20MIMO	Ant1	2437	MCS0	30~1000	-6.98	-61.65	≤-26.98	PASS
11N20MIMO	Ant1	2437	MCS0	1000~26500	-6.98	-49.16	≤-26.98	PASS

11N20MIMO	Ant2	2437	MCS0	0~Reference	-8.93	-8.93	---	PASS
11N20MIMO	Ant2	2437	MCS0	30~1000	-8.93	-60.97	≤-28.93	PASS
11N20MIMO	Ant2	2437	MCS0	1000~26500	-8.93	-49.92	≤-28.93	PASS
11N20MIMO	Ant1	2462	MCS0	0~Reference	-6.36	-6.36	---	PASS
11N20MIMO	Ant1	2462	MCS0	30~1000	-6.36	-61.63	≤-26.36	PASS
11N20MIMO	Ant1	2462	MCS0	1000~26500	-6.36	-50.02	≤-26.36	PASS
11N20MIMO	Ant2	2462	MCS0	0~Reference	-9.60	-9.60	---	PASS
11N20MIMO	Ant2	2462	MCS0	30~1000	-9.60	-60.68	≤-29.6	PASS
11N20MIMO	Ant2	2462	MCS0	1000~26500	-9.60	-49.69	≤-29.6	PASS
11N40MIMO	Ant1	2422	MCS0	0~Reference	-9.46	-9.46	---	PASS
11N40MIMO	Ant1	2422	MCS0	30~1000	-9.46	-61.54	≤-29.46	PASS
11N40MIMO	Ant1	2422	MCS0	1000~26500	-9.46	-49.48	≤-29.46	PASS
11N40MIMO	Ant2	2422	MCS0	0~Reference	-12.22	-12.22	---	PASS
11N40MIMO	Ant2	2422	MCS0	30~1000	-12.22	-60.93	≤-32.22	PASS
11N40MIMO	Ant2	2422	MCS0	1000~26500	-12.22	-49.56	≤-32.22	PASS
11N40MIMO	Ant1	2437	MCS0	0~Reference	-9.21	-9.21	---	PASS
11N40MIMO	Ant1	2437	MCS0	30~1000	-9.21	-61.41	≤-29.21	PASS
11N40MIMO	Ant1	2437	MCS0	1000~26500	-9.21	-49.75	≤-29.21	PASS
11N40MIMO	Ant2	2437	MCS0	0~Reference	-12.04	-12.04	---	PASS
11N40MIMO	Ant2	2437	MCS0	30~1000	-12.04	-61.19	≤-32.04	PASS
11N40MIMO	Ant2	2437	MCS0	1000~26500	-12.04	-49.84	≤-32.04	PASS
11N40MIMO	Ant1	2452	MCS0	0~Reference	-9.37	-9.37	---	PASS
11N40MIMO	Ant1	2452	MCS0	30~1000	-9.37	-61.1	≤-29.37	PASS
11N40MIMO	Ant1	2452	MCS0	1000~26500	-9.37	-49.49	≤-29.37	PASS
11N40MIMO	Ant2	2452	MCS0	0~Reference	-10.97	-10.97	---	PASS
11N40MIMO	Ant2	2452	MCS0	30~1000	-10.97	-61.32	≤-30.97	PASS
11N40MIMO	Ant2	2452	MCS0	1000~26500	-10.97	-48.12	≤-30.97	PASS

Test Graphs

