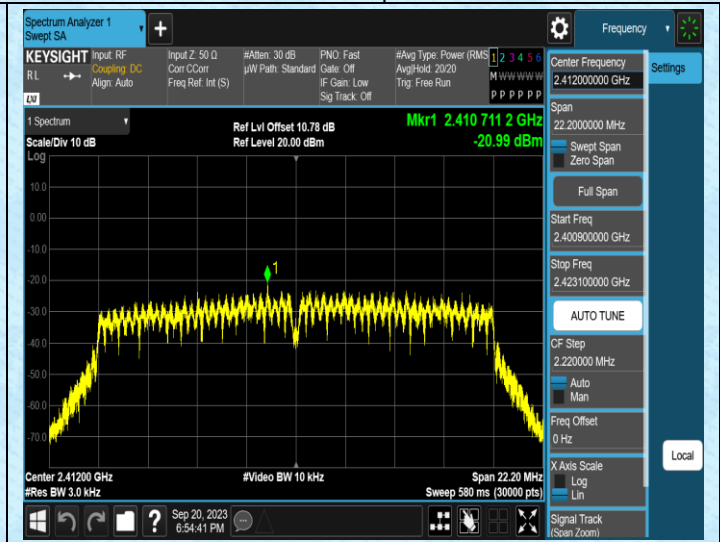
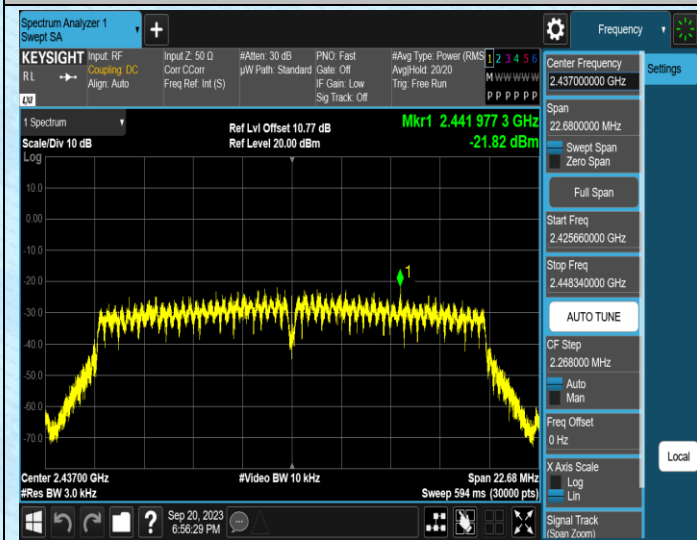


11N20MIMO-Ant0-2412



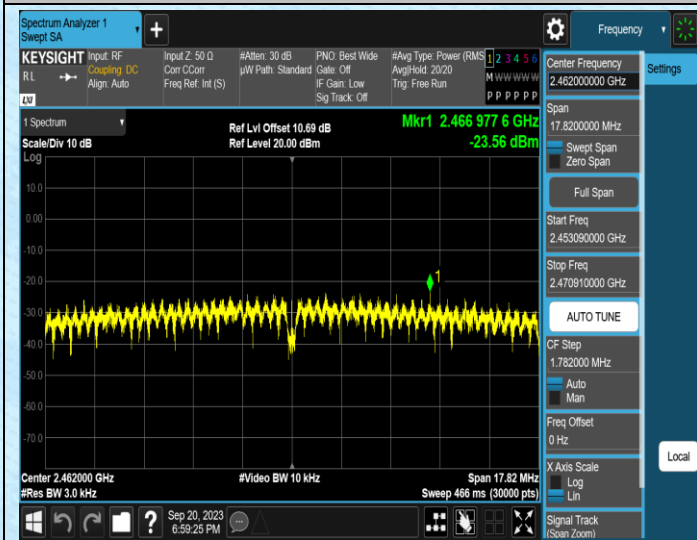
11N20MIMO-Ant1-2412



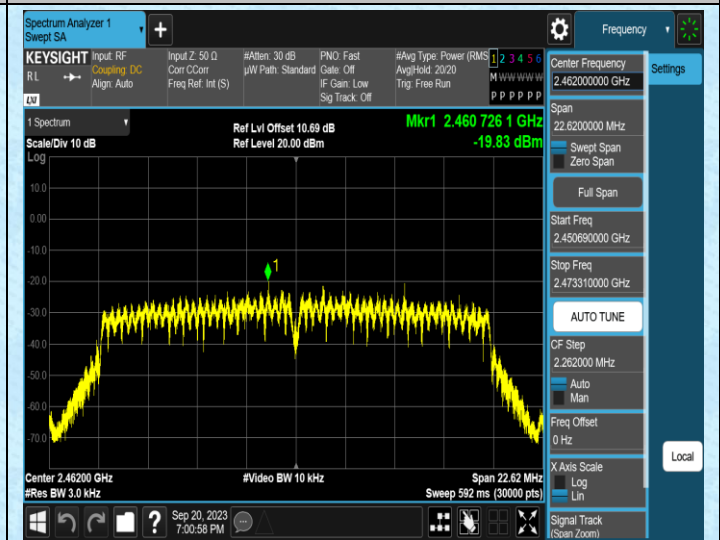
11N20MIMO-Ant0-2437



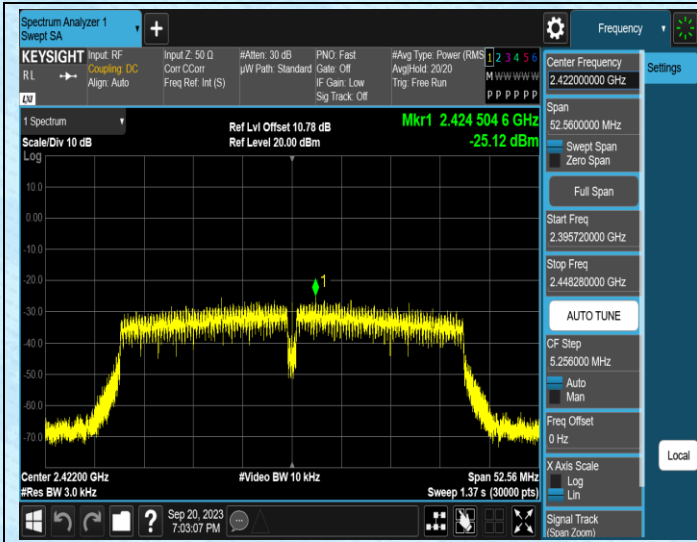
11N20MIMO-Ant1-2437



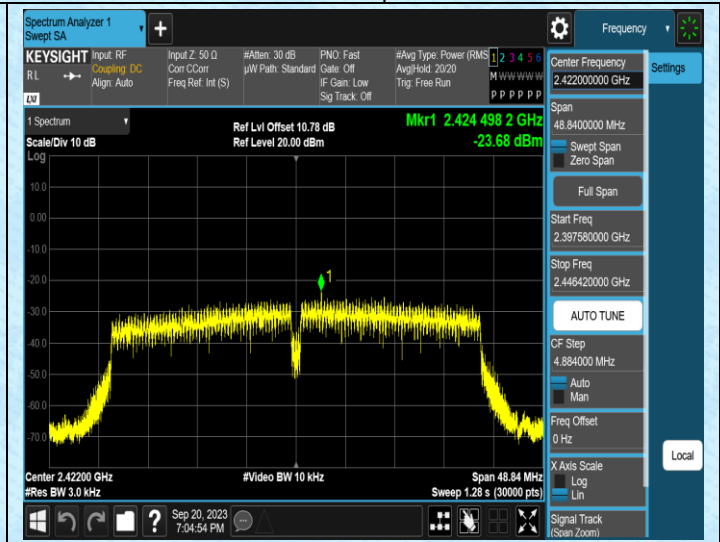
11N20MIMO-Ant0-2462



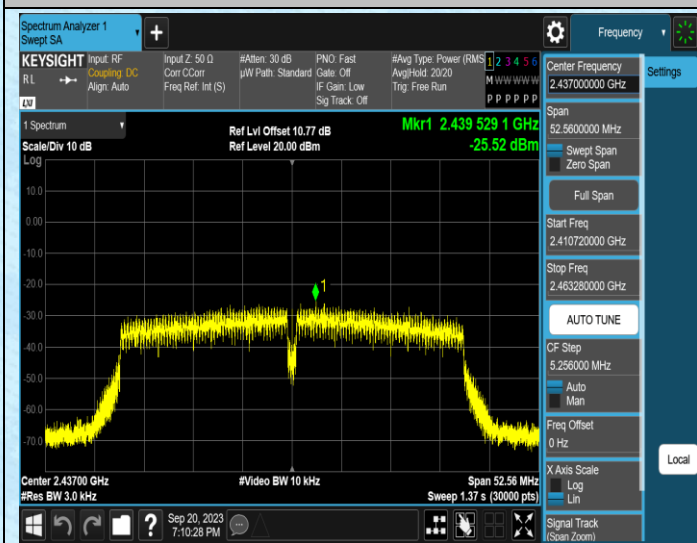
11N20MIMO-Ant1-2462



11N40MIMO-Ant0-2422



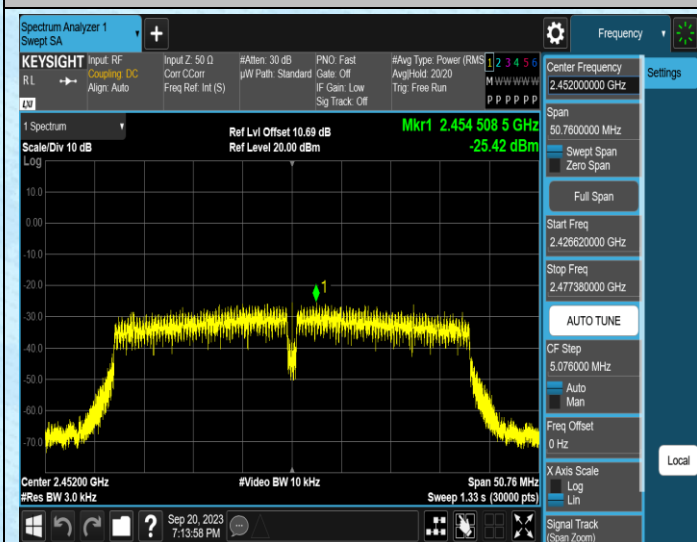
11N40MIMO-Ant1-2422



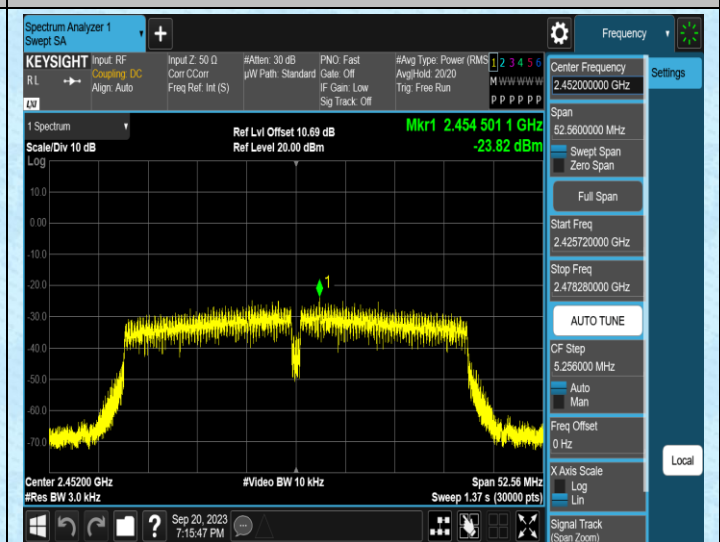
11N40MIMO-Ant0-2437



11N40MIMO-Ant1-2437



11N40MIMO-Ant0-2452



11N40MIMO-Ant1-2452

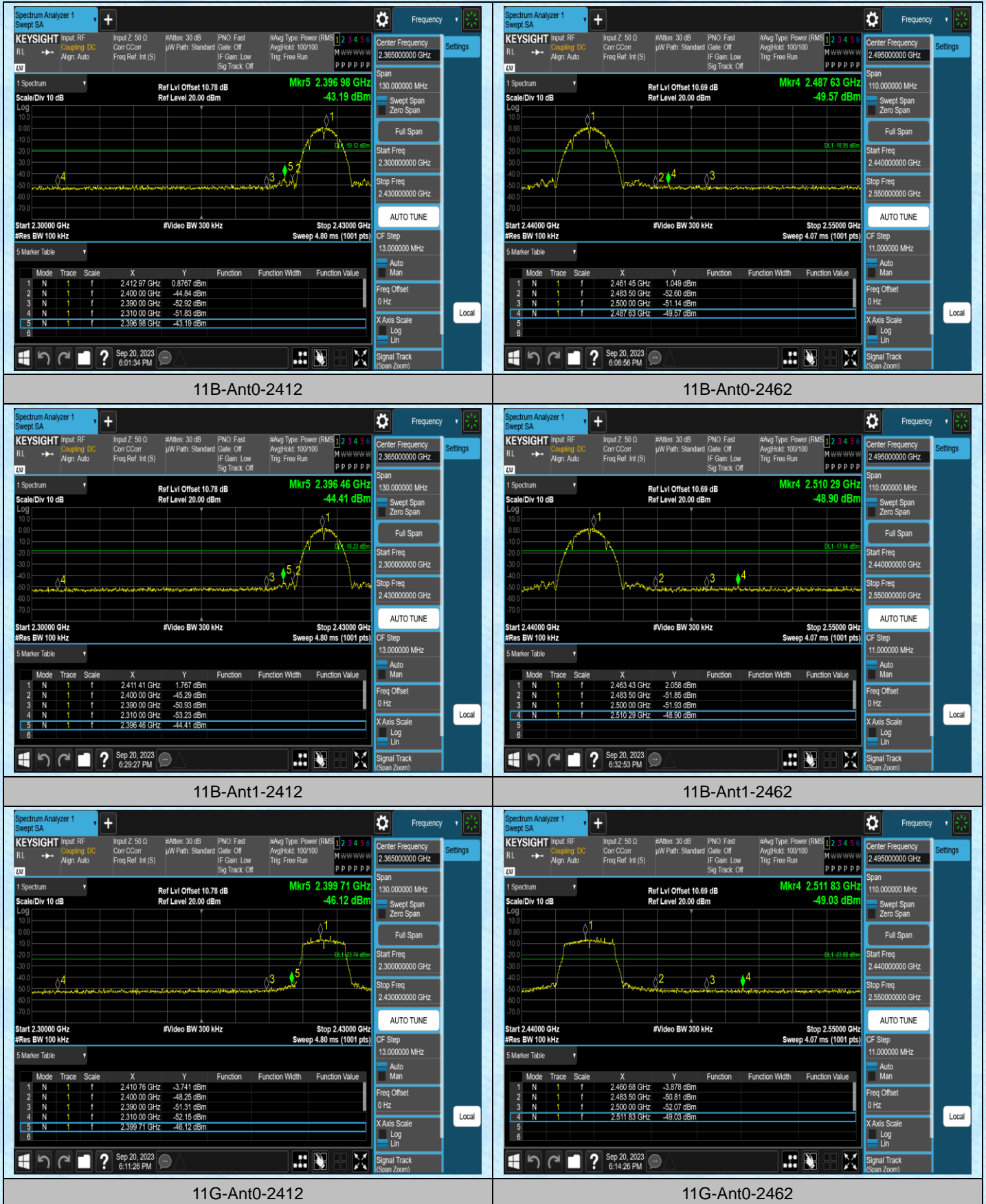


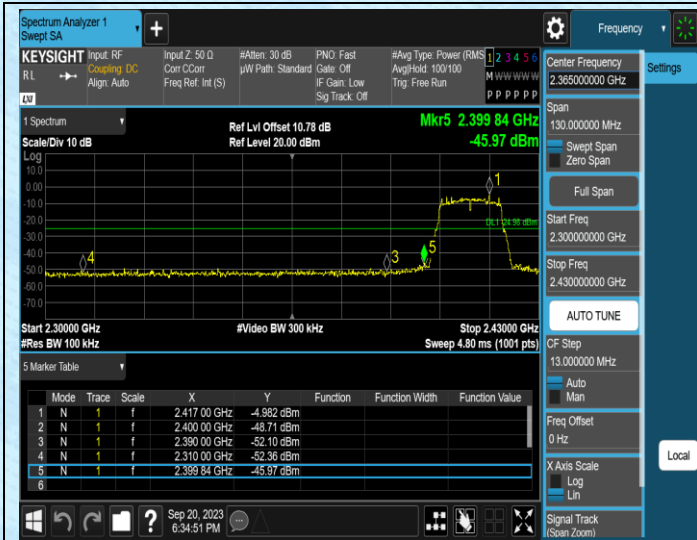
## Appendix E: Band edge measurements

### Test Result

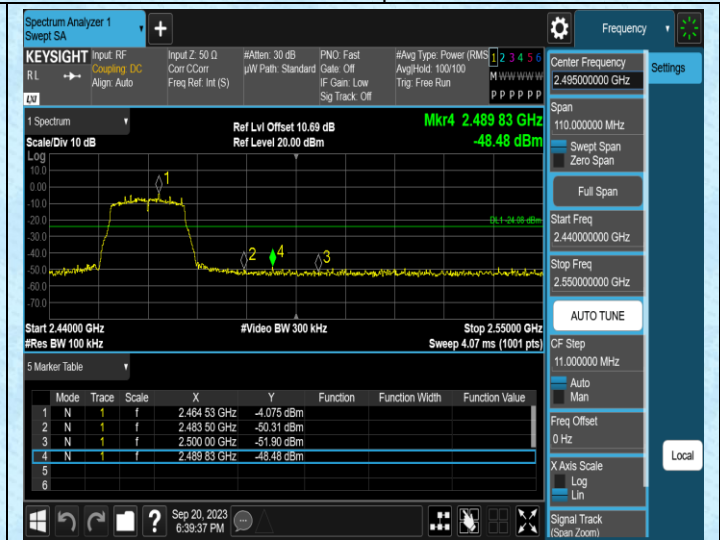
Test Mode	Antenna	ChName	Frequency[MHz]	Rate	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant0	Low	2412	1Mbps	0.88	-43.19	≤-19.12	PASS
11B	Ant0	High	2462	1Mbps	1.05	-49.57	≤-18.95	PASS
11B	Ant1	Low	2412	1Mbps	1.77	-44.41	≤-18.23	PASS
11B	Ant1	High	2462	1Mbps	2.06	-48.9	≤-17.94	PASS
11G	Ant0	Low	2412	6Mbps	-3.74	-46.12	≤-23.74	PASS
11G	Ant0	High	2462	6Mbps	-3.88	-49.04	≤-23.88	PASS
11G	Ant1	Low	2412	6Mbps	-4.98	-45.97	≤-24.98	PASS
11G	Ant1	High	2462	6Mbps	-4.08	-48.48	≤-24.08	PASS
11N20SISO	Ant0	Low	2412	MCS0	-4.71	-45.87	≤-24.71	PASS
11N20SISO	Ant0	High	2462	MCS0	-4.58	-47.38	≤-24.58	PASS
11N20SISO	Ant1	Low	2412	MCS0	-4.44	-46.1	≤-24.44	PASS
11N20SISO	Ant1	High	2462	MCS0	-3.67	-49.39	≤-23.67	PASS
11N40SISO	Ant0	Low	2422	MCS0	-7.10	-47.32	≤-27.1	PASS
11N40SISO	Ant0	High	2452	MCS0	-6.94	-47.4	≤-26.94	PASS
11N40SISO	Ant1	Low	2422	MCS0	-6.28	-46.2	≤-26.28	PASS
11N40SISO	Ant1	High	2452	MCS0	-6.70	-49.04	≤-26.7	PASS
11N20MIMO	Ant0	Low	2412	MCS0	-7.07	-48.78	≤-27.07	PASS
11N20MIMO	Ant1	Low	2412	MCS0	-7.65	-48.36	≤-27.65	PASS
11N20MIMO	Ant0	High	2462	MCS0	-9.22	-49.98	≤-29.22	PASS
11N20MIMO	Ant1	High	2462	MCS0	-7.09	-49.4	≤-27.09	PASS
11N40MIMO	Ant0	Low	2422	MCS0	-10.05	-48.6	≤-30.05	PASS
11N40MIMO	Ant1	Low	2422	MCS0	-9.26	-49.15	≤-29.26	PASS
11N40MIMO	Ant0	High	2452	MCS0	-9.69	-49.34	≤-29.69	PASS
11N40MIMO	Ant1	High	2452	MCS0	-9.29	-49.17	≤-29.29	PASS

## Test Graphs

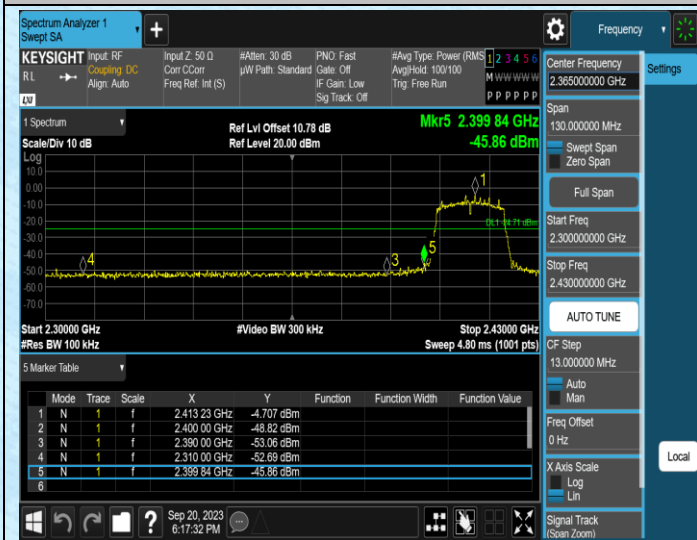




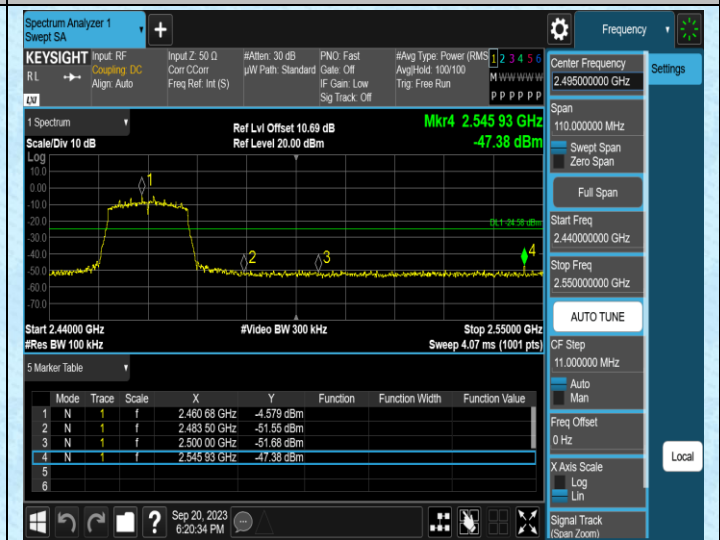
11G-Ant1-2412



11G-Ant1-2462



11N20SISO-Ant0-2412



11N20SISO-Ant0-2462

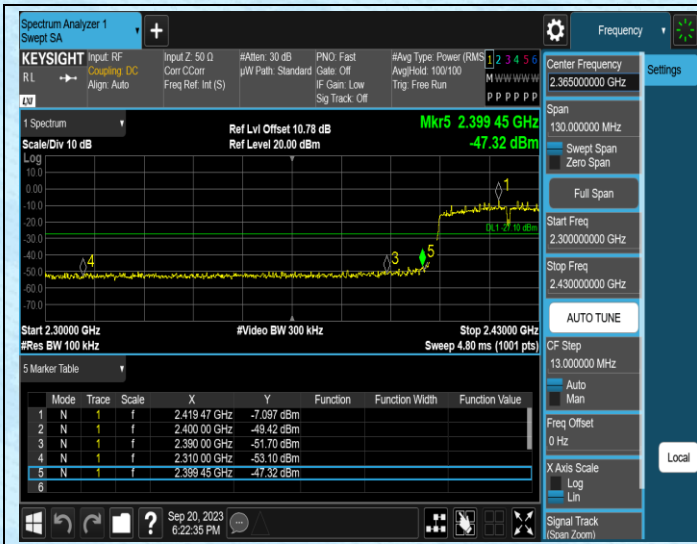


11N20SISO-Ant1-2412



11N20SISO-Ant1-2462

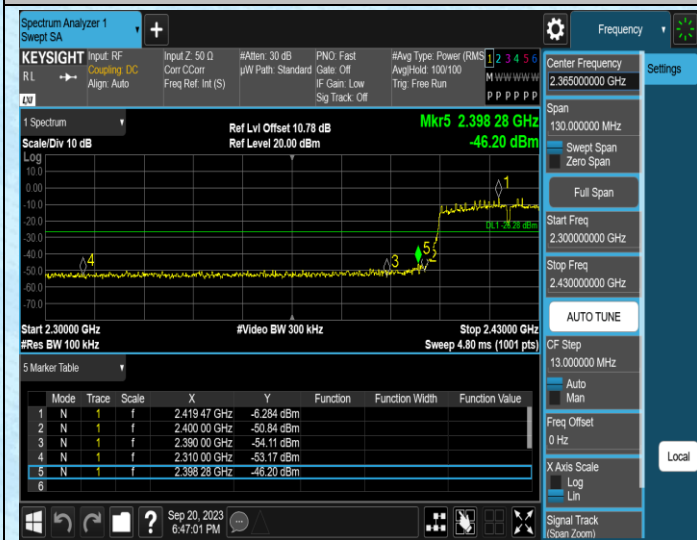




11N40SISO-Ant0-2422



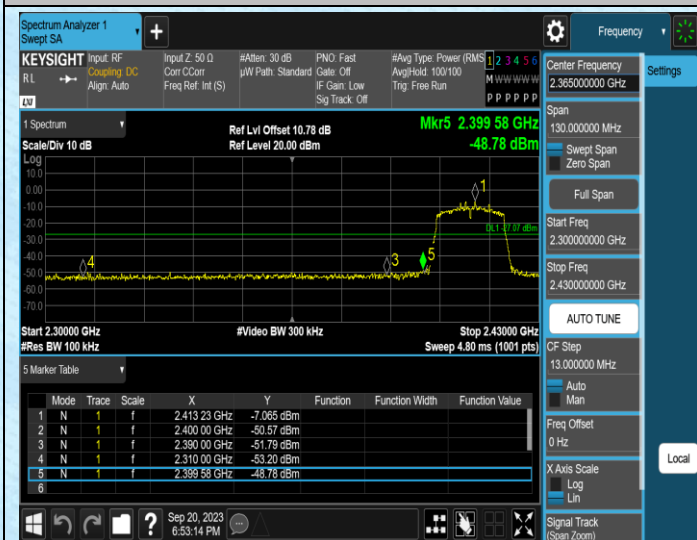
11N40SISO-Ant0-2452



11N40SISO-Ant1-2422



11N40SISO-Ant1-2452



11N20MIMO-Ant0-2412



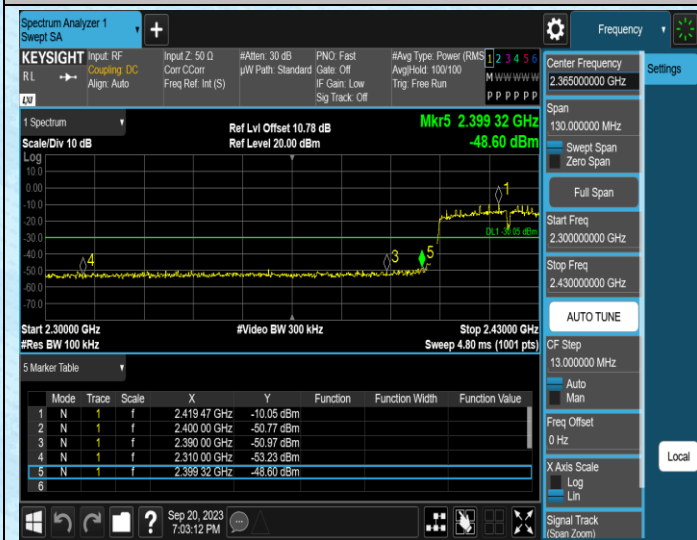
11N20MIMO-Ant1-2412



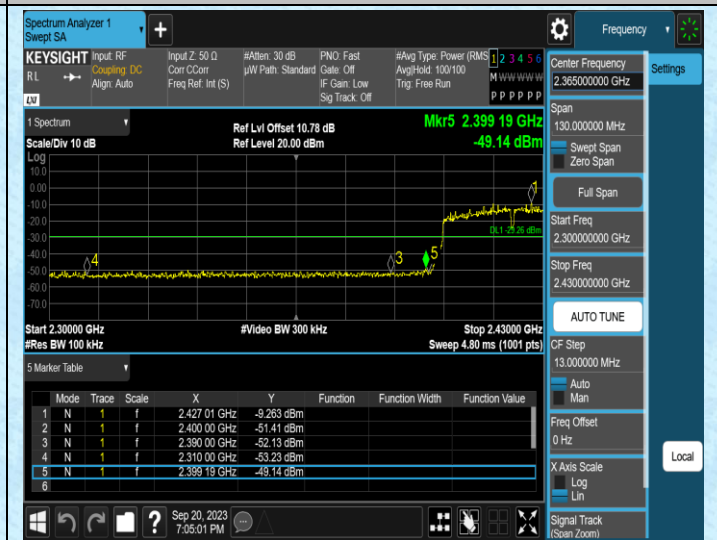
11N20MIMO-Ant0-2462



11N20MIMO-Ant1-2462



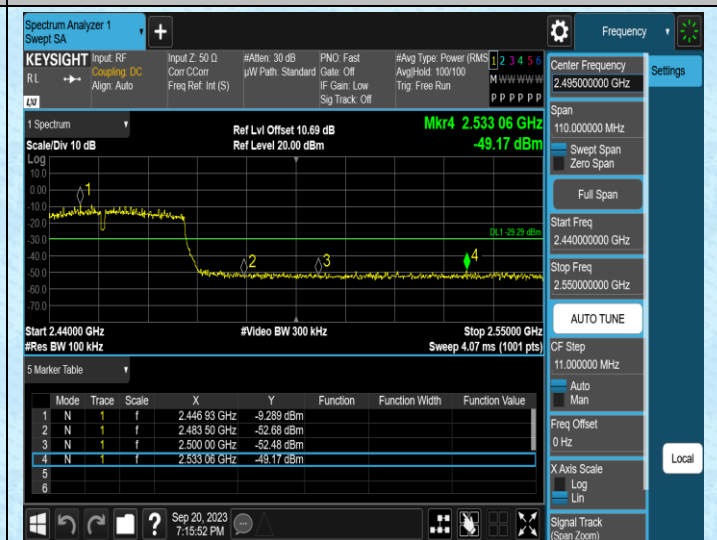
11N40MIMO-Ant0-2422



11N40MIMO-Ant1-2422



11N40MIMO-Ant0-2452



11N40MIMO-Ant1-2452



## Appendix F: Conducted Spurious Emission

### Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant0	2412	1Mbps	0~Reference	0.59	0.59	---	PASS
11B	Ant0	2412	1Mbps	30~1000	0.59	-62.26	≤-19.41	PASS
11B	Ant0	2412	1Mbps	1000~26500	0.59	-50.2	≤-19.41	PASS
11B	Ant0	2437	1Mbps	0~Reference	0.80	0.80	---	PASS
11B	Ant0	2437	1Mbps	30~1000	0.80	-61.72	≤-19.2	PASS
11B	Ant0	2437	1Mbps	1000~26500	0.80	-48.88	≤-19.2	PASS
11B	Ant0	2462	1Mbps	0~Reference	0.67	0.67	---	PASS
11B	Ant0	2462	1Mbps	30~1000	0.67	-61.95	≤-19.33	PASS
11B	Ant0	2462	1Mbps	1000~26500	0.67	-49.89	≤-19.33	PASS
11B	Ant1	2412	1Mbps	0~Reference	1.12	1.12	---	PASS
11B	Ant1	2412	1Mbps	30~1000	1.12	-62.08	≤-18.88	PASS
11B	Ant1	2412	1Mbps	1000~26500	1.12	-49.97	≤-18.88	PASS
11B	Ant1	2437	1Mbps	0~Reference	1.47	1.47	---	PASS
11B	Ant1	2437	1Mbps	30~1000	1.47	-61.72	≤-18.53	PASS
11B	Ant1	2437	1Mbps	1000~26500	1.47	-50.25	≤-18.53	PASS
11B	Ant1	2462	1Mbps	0~Reference	1.56	1.56	---	PASS
11B	Ant1	2462	1Mbps	30~1000	1.56	-61.91	≤-18.44	PASS
11B	Ant1	2462	1Mbps	1000~26500	1.56	-49.84	≤-18.44	PASS
11G	Ant0	2412	6Mbps	0~Reference	-5.21	-5.21	---	PASS
11G	Ant0	2412	6Mbps	30~1000	-5.21	-62.14	≤-25.21	PASS
11G	Ant0	2412	6Mbps	1000~26500	-5.21	-49.95	≤-25.21	PASS
11G	Ant0	2437	6Mbps	0~Reference	-6.07	-6.07	---	PASS
11G	Ant0	2437	6Mbps	30~1000	-6.07	-61.78	≤-26.07	PASS
11G	Ant0	2437	6Mbps	1000~26500	-6.07	-48.9	≤-26.07	PASS
11G	Ant0	2462	6Mbps	0~Reference	-7.20	-7.20	---	PASS
11G	Ant0	2462	6Mbps	30~1000	-7.20	-62.44	≤-27.2	PASS
11G	Ant0	2462	6Mbps	1000~26500	-7.20	-49.72	≤-27.2	PASS
11G	Ant1	2412	6Mbps	0~Reference	-4.15	-4.15	---	PASS
11G	Ant1	2412	6Mbps	30~1000	-4.15	-61.83	≤-24.15	PASS
11G	Ant1	2412	6Mbps	1000~26500	-4.15	-49.47	≤-24.15	PASS
11G	Ant1	2437	6Mbps	0~Reference	-7.52	-7.52	---	PASS
11G	Ant1	2437	6Mbps	30~1000	-7.52	-61.88	≤-27.52	PASS
11G	Ant1	2437	6Mbps	1000~26500	-7.52	-50.23	≤-27.52	PASS
11G	Ant1	2462	6Mbps	0~Reference	-4.16	-4.16	---	PASS
11G	Ant1	2462	6Mbps	30~1000	-4.16	-62.2	≤-24.16	PASS
11G	Ant1	2462	6Mbps	1000~26500	-4.16	-50	≤-24.16	PASS
11N20SISO	Ant0	2412	MCS0	0~Reference	-8.36	-8.36	---	PASS
11N20SISO	Ant0	2412	MCS0	30~1000	-8.36	-62.38	≤-28.36	PASS
11N20SISO	Ant0	2412	MCS0	1000~26500	-8.36	-49.53	≤-28.36	PASS

11N20SISO	Ant0	2437	MCS0	0~Reference	-7.28	-7.28	---	PASS
11N20SISO	Ant0	2437	MCS0	30~1000	-7.28	-61.8	≤-27.28	PASS
11N20SISO	Ant0	2437	MCS0	1000~26500	-7.28	-50.09	≤-27.28	PASS
11N20SISO	Ant0	2462	MCS0	0~Reference	-7.94	-7.94	---	PASS
11N20SISO	Ant0	2462	MCS0	30~1000	-7.94	-60.62	≤-27.94	PASS
11N20SISO	Ant0	2462	MCS0	1000~26500	-7.94	-49.55	≤-27.94	PASS
11N20SISO	Ant1	2412	MCS0	0~Reference	-8.25	-8.25	---	PASS
11N20SISO	Ant1	2412	MCS0	30~1000	-8.25	-62.26	≤-28.25	PASS
11N20SISO	Ant1	2412	MCS0	1000~26500	-8.25	-50.13	≤-28.25	PASS
11N20SISO	Ant1	2437	MCS0	0~Reference	-7.73	-7.73	---	PASS
11N20SISO	Ant1	2437	MCS0	30~1000	-7.73	-61.64	≤-27.73	PASS
11N20SISO	Ant1	2437	MCS0	1000~26500	-7.73	-50.26	≤-27.73	PASS
11N20SISO	Ant1	2462	MCS0	0~Reference	-6.86	-6.86	---	PASS
11N20SISO	Ant1	2462	MCS0	30~1000	-6.86	-60.96	≤-26.86	PASS
11N20SISO	Ant1	2462	MCS0	1000~26500	-6.86	-49.7	≤-26.86	PASS
11N40SISO	Ant0	2422	MCS0	0~Reference	-9.73	-9.73	---	PASS
11N40SISO	Ant0	2422	MCS0	30~1000	-9.73	-62.29	≤-29.73	PASS
11N40SISO	Ant0	2422	MCS0	1000~26500	-9.73	-50.07	≤-29.73	PASS
11N40SISO	Ant0	2437	MCS0	0~Reference	-6.84	-6.84	---	PASS
11N40SISO	Ant0	2437	MCS0	30~1000	-6.84	-62.17	≤-26.84	PASS
11N40SISO	Ant0	2437	MCS0	1000~26500	-6.84	-49.64	≤-26.84	PASS
11N40SISO	Ant0	2452	MCS0	0~Reference	-7.95	-7.95	---	PASS
11N40SISO	Ant0	2452	MCS0	30~1000	-7.95	-61.73	≤-27.95	PASS
11N40SISO	Ant0	2452	MCS0	1000~26500	-7.95	-49.53	≤-27.95	PASS
11N40SISO	Ant1	2422	MCS0	0~Reference	-9.62	-9.62	---	PASS
11N40SISO	Ant1	2422	MCS0	30~1000	-9.62	-60.92	≤-29.62	PASS
11N40SISO	Ant1	2422	MCS0	1000~26500	-9.62	-49.87	≤-29.62	PASS
11N40SISO	Ant1	2437	MCS0	0~Reference	-7.99	-7.99	---	PASS
11N40SISO	Ant1	2437	MCS0	30~1000	-7.99	-61.46	≤-27.99	PASS
11N40SISO	Ant1	2437	MCS0	1000~26500	-7.99	-50.12	≤-27.99	PASS
11N40SISO	Ant1	2452	MCS0	0~Reference	-6.64	-6.64	---	PASS
11N40SISO	Ant1	2452	MCS0	30~1000	-6.64	-62.54	≤-26.64	PASS
11N40SISO	Ant1	2452	MCS0	1000~26500	-6.64	-50.4	≤-26.64	PASS
11N20MIMO	Ant0	2412	MCS0	0~Reference	-8.12	-8.12	---	PASS
11N20MIMO	Ant0	2412	MCS0	30~1000	-8.12	-61.42	≤-28.12	PASS
11N20MIMO	Ant0	2412	MCS0	1000~26500	-8.12	-49.83	≤-28.12	PASS
11N20MIMO	Ant1	2412	MCS0	0~Reference	-9.70	-9.70	---	PASS
11N20MIMO	Ant1	2412	MCS0	30~1000	-9.70	-61.35	≤-29.7	PASS
11N20MIMO	Ant1	2412	MCS0	1000~26500	-9.70	-50.08	≤-29.7	PASS
11N20MIMO	Ant0	2437	MCS0	0~Reference	-10.15	-10.15	---	PASS
11N20MIMO	Ant0	2437	MCS0	30~1000	-10.15	-61.94	≤-30.15	PASS
11N20MIMO	Ant0	2437	MCS0	1000~26500	-10.15	-49.92	≤-30.15	PASS
11N20MIMO	Ant1	2437	MCS0	0~Reference	-9.25	-9.25	---	PASS
11N20MIMO	Ant1	2437	MCS0	30~1000	-9.25	-61.79	≤-29.25	PASS