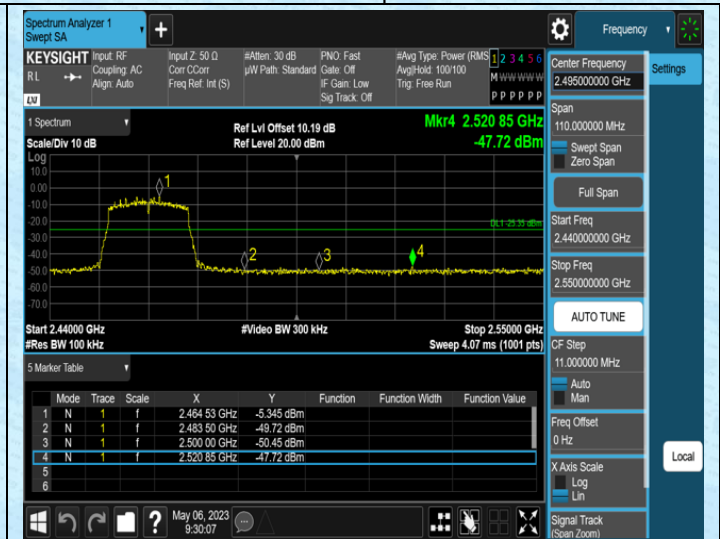
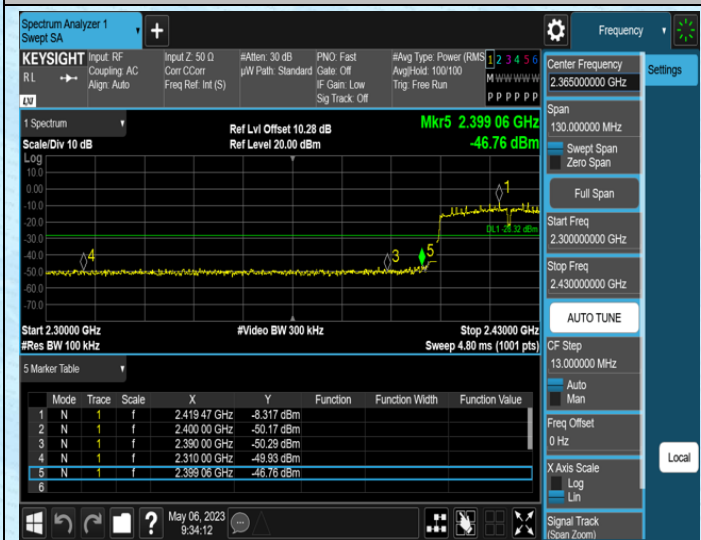




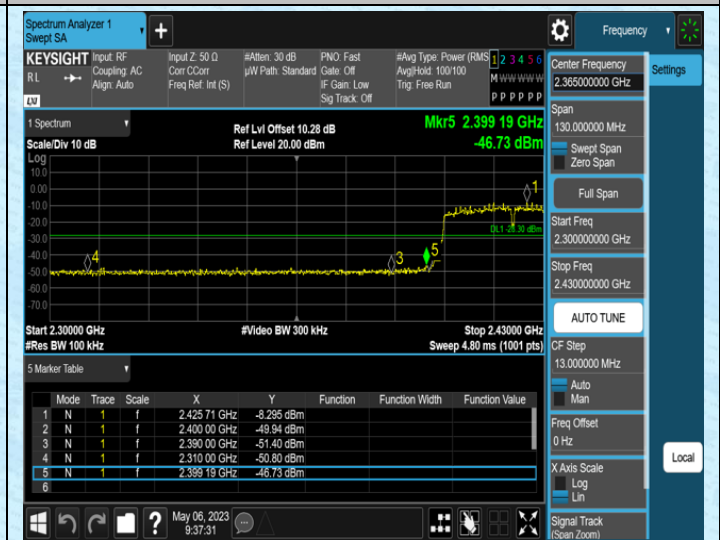
11N20MIMO-Ant1-2462



11N20MIMO-Ant2-2462



11N40MIMO-Ant1-2422



11N40MIMO-Ant2-2422



11N40MIMO-Ant1-2452



11N40MIMO-Ant2-2452

## 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	-0.27	-0.27	---	PASS
11B	Ant1	2412	1Mbps	30~1000	-0.27	-58.42	≤-20.27	PASS
11B	Ant1	2412	1Mbps	1000~26500	-0.27	-41.44	≤-20.27	PASS
11B	Ant1	2437	1Mbps	0~Reference	0.79	0.79	---	PASS
11B	Ant1	2437	1Mbps	30~1000	0.79	-58.77	≤-19.21	PASS
11B	Ant1	2437	1Mbps	1000~26500	0.79	-41.21	≤-19.21	PASS
11B	Ant1	2462	1Mbps	0~Reference	2.31	2.31	---	PASS
11B	Ant1	2462	1Mbps	30~1000	2.31	-55.63	≤-17.69	PASS
11B	Ant1	2462	1Mbps	1000~26500	2.31	-41.85	≤-17.69	PASS
11G	Ant1	2412	6Mbps	0~Reference	-3.44	-3.44	---	PASS
11G	Ant1	2412	6Mbps	30~1000	-3.44	-58.57	≤-23.44	PASS
11G	Ant1	2412	6Mbps	1000~26500	-3.44	-41.84	≤-23.44	PASS
11G	Ant1	2437	6Mbps	0~Reference	-6.21	-6.21	---	PASS
11G	Ant1	2437	6Mbps	30~1000	-6.21	-58.6	≤-26.21	PASS
11G	Ant1	2437	6Mbps	1000~26500	-6.21	-41.16	≤-26.21	PASS
11G	Ant1	2462	6Mbps	0~Reference	-5.97	-5.97	---	PASS
11G	Ant1	2462	6Mbps	30~1000	-5.97	-57.62	≤-25.97	PASS
11G	Ant1	2462	6Mbps	1000~26500	-5.97	-40.96	≤-25.97	PASS
11N20SISO	Ant1	2412	MCS0	0~Reference	-6.74	-6.74	---	PASS
11N20SISO	Ant1	2412	MCS0	30~1000	-6.74	-58.43	≤-26.74	PASS
11N20SISO	Ant1	2412	MCS0	1000~26500	-6.74	-40.62	≤-26.74	PASS
11N20SISO	Ant1	2437	MCS0	0~Reference	-4.33	-4.33	---	PASS
11N20SISO	Ant1	2437	MCS0	30~1000	-4.33	-58.53	≤-24.33	PASS
11N20SISO	Ant1	2437	MCS0	1000~26500	-4.33	-41.62	≤-24.33	PASS
11N20SISO	Ant1	2462	MCS0	0~Reference	-6.38	-6.38	---	PASS
11N20SISO	Ant1	2462	MCS0	30~1000	-6.38	-58.76	≤-26.38	PASS
11N20SISO	Ant1	2462	MCS0	1000~26500	-6.38	-41.4	≤-26.38	PASS
11N40SISO	Ant1	2422	MCS0	0~Reference	-6.81	-6.81	---	PASS
11N40SISO	Ant1	2422	MCS0	30~1000	-6.81	-58.09	≤-26.81	PASS
11N40SISO	Ant1	2422	MCS0	1000~26500	-6.81	-41.27	≤-26.81	PASS
11N40SISO	Ant1	2437	MCS0	0~Reference	-5.90	-5.90	---	PASS
11N40SISO	Ant1	2437	MCS0	30~1000	-5.90	-58.35	≤-25.9	PASS
11N40SISO	Ant1	2437	MCS0	1000~26500	-5.90	-41.26	≤-25.9	PASS
11N40SISO	Ant1	2452	MCS0	0~Reference	-8.08	-8.08	---	PASS
11N40SISO	Ant1	2452	MCS0	30~1000	-8.08	-58.06	≤-28.08	PASS
11N40SISO	Ant1	2452	MCS0	1000~26500	-8.08	-41.01	≤-28.08	PASS
11B	Ant2	2412	1Mbps	0~Reference	1.70	1.70	---	PASS

11B	Ant2	2412	1Mbps	30~1000	1.70	-58.45	≤-18.3	PASS
11B	Ant2	2412	1Mbps	1000~26500	1.70	-41.19	≤-18.3	PASS
11B	Ant2	2437	1Mbps	0~Reference	1.93	1.93	---	PASS
11B	Ant2	2437	1Mbps	30~1000	1.93	-57.86	≤-18.07	PASS
11B	Ant2	2437	1Mbps	1000~26500	1.93	-41.48	≤-18.07	PASS
11B	Ant2	2462	1Mbps	0~Reference	2.30	2.30	---	PASS
11B	Ant2	2462	1Mbps	30~1000	2.30	-57.88	≤-17.7	PASS
11B	Ant2	2462	1Mbps	1000~26500	2.30	-41.09	≤-17.7	PASS
11G	Ant2	2412	6Mbps	0~Reference	-6.30	-6.30	---	PASS
11G	Ant2	2412	6Mbps	30~1000	-6.30	-58.53	≤-26.3	PASS
11G	Ant2	2412	6Mbps	1000~26500	-6.30	-41.28	≤-26.3	PASS
11G	Ant2	2437	6Mbps	0~Reference	-5.65	-5.65	---	PASS
11G	Ant2	2437	6Mbps	30~1000	-5.65	-57.07	≤-25.65	PASS
11G	Ant2	2437	6Mbps	1000~26500	-5.65	-41.01	≤-25.65	PASS
11G	Ant2	2462	6Mbps	0~Reference	-2.35	-2.35	---	PASS
11G	Ant2	2462	6Mbps	30~1000	-2.35	-58.5	≤-22.35	PASS
11G	Ant2	2462	6Mbps	1000~26500	-2.35	-41.21	≤-22.35	PASS
11N20SISO	Ant2	2412	MCS0	0~Reference	-5.91	-5.91	---	PASS
11N20SISO	Ant2	2412	MCS0	30~1000	-5.91	-58.62	≤-25.91	PASS
11N20SISO	Ant2	2412	MCS0	1000~26500	-5.91	-41.3	≤-25.91	PASS
11N20SISO	Ant2	2437	MCS0	0~Reference	-2.81	-2.81	---	PASS
11N20SISO	Ant2	2437	MCS0	30~1000	-2.81	-58.39	≤-22.81	PASS
11N20SISO	Ant2	2437	MCS0	1000~26500	-2.81	-41.31	≤-22.81	PASS
11N20SISO	Ant2	2462	MCS0	0~Reference	-3.82	-3.82	---	PASS
11N20SISO	Ant2	2462	MCS0	30~1000	-3.82	-58.61	≤-23.82	PASS
11N20SISO	Ant2	2462	MCS0	1000~26500	-3.82	-41.59	≤-23.82	PASS
11N40SISO	Ant2	2422	MCS0	0~Reference	-7.93	-7.93	---	PASS
11N40SISO	Ant2	2422	MCS0	30~1000	-7.93	-58.15	≤-27.93	PASS
11N40SISO	Ant2	2422	MCS0	1000~26500	-7.93	-40.9	≤-27.93	PASS
11N40SISO	Ant2	2437	MCS0	0~Reference	-4.12	-4.12	---	PASS
11N40SISO	Ant2	2437	MCS0	30~1000	-4.12	-59.12	≤-24.12	PASS
11N40SISO	Ant2	2437	MCS0	1000~26500	-4.12	-41.26	≤-24.12	PASS
11N40SISO	Ant2	2452	MCS0	0~Reference	-5.53	-5.53	---	PASS
11N40SISO	Ant2	2452	MCS0	30~1000	-5.53	-57.96	≤-25.53	PASS
11N40SISO	Ant2	2452	MCS0	1000~26500	-5.53	-41.64	≤-25.53	PASS
11N20MIMO	Ant1	2412	MCS0	0~Reference	-7.15	-7.15	---	PASS
11N20MIMO	Ant1	2412	MCS0	30~1000	-7.15	-58.74	≤-27.15	PASS
11N20MIMO	Ant1	2412	MCS0	1000~26500	-7.15	-42.4	≤-27.15	PASS
11N20MIMO	Ant2	2412	MCS0	0~Reference	-8.44	-8.44	---	PASS
11N20MIMO	Ant2	2412	MCS0	30~1000	-8.44	-57.58	≤-28.44	PASS
11N20MIMO	Ant2	2412	MCS0	1000~26500	-8.44	-41.73	≤-28.44	PASS
11N20MIMO	Ant1	2437	MCS0	0~Reference	-9.04	-9.04	---	PASS
11N20MIMO	Ant1	2437	MCS0	30~1000	-9.04	-58.12	≤-29.04	PASS

11N20MIMO	Ant1	2437	MCS0	1000~26500	-9.04	-42.3	≤-29.04	PASS
11N20MIMO	Ant2	2437	MCS0	0~Reference	-8.10	-8.10	---	PASS
11N20MIMO	Ant2	2437	MCS0	30~1000	-8.10	-59.12	≤-28.1	PASS
11N20MIMO	Ant2	2437	MCS0	1000~26500	-8.10	-42.47	≤-28.1	PASS
11N20MIMO	Ant1	2462	MCS0	0~Reference	-8.59	-8.59	---	PASS
11N20MIMO	Ant1	2462	MCS0	30~1000	-8.59	-59.17	≤-28.59	PASS
11N20MIMO	Ant1	2462	MCS0	1000~26500	-8.59	-41.64	≤-28.59	PASS
11N20MIMO	Ant2	2462	MCS0	0~Reference	-5.44	-5.44	---	PASS
11N20MIMO	Ant2	2462	MCS0	30~1000	-5.44	-59.08	≤-25.44	PASS
11N20MIMO	Ant2	2462	MCS0	1000~26500	-5.44	-41.64	≤-25.44	PASS
11N40MIMO	Ant1	2422	MCS0	0~Reference	-9.39	-9.39	---	PASS
11N40MIMO	Ant1	2422	MCS0	30~1000	-9.39	-59.4	≤-29.39	PASS
11N40MIMO	Ant1	2422	MCS0	1000~26500	-9.39	-41.97	≤-29.39	PASS
11N40MIMO	Ant2	2422	MCS0	0~Reference	-9.91	-9.91	---	PASS
11N40MIMO	Ant2	2422	MCS0	30~1000	-9.91	-58.26	≤-29.91	PASS
11N40MIMO	Ant2	2422	MCS0	1000~26500	-9.91	-41.06	≤-29.91	PASS
11N40MIMO	Ant1	2437	MCS0	0~Reference	-8.29	-8.29	---	PASS
11N40MIMO	Ant1	2437	MCS0	30~1000	-8.29	-59.89	≤-28.29	PASS
11N40MIMO	Ant1	2437	MCS0	1000~26500	-8.29	-42.08	≤-28.29	PASS
11N40MIMO	Ant2	2437	MCS0	0~Reference	-7.47	-7.47	---	PASS
11N40MIMO	Ant2	2437	MCS0	30~1000	-7.47	-59.23	≤-27.47	PASS
11N40MIMO	Ant2	2437	MCS0	1000~26500	-7.47	-41.6	≤-27.47	PASS
11N40MIMO	Ant1	2452	MCS0	0~Reference	-10.84	-10.84	---	PASS
11N40MIMO	Ant1	2452	MCS0	30~1000	-10.84	-58.63	≤-30.84	PASS
11N40MIMO	Ant1	2452	MCS0	1000~26500	-10.84	-41.97	≤-30.84	PASS
11N40MIMO	Ant2	2452	MCS0	0~Reference	-8.26	-8.26	---	PASS
11N40MIMO	Ant2	2452	MCS0	30~1000	-8.26	-59.74	≤-28.26	PASS
11N40MIMO	Ant2	2452	MCS0	1000~26500	-8.26	-40.64	≤-28.26	PASS

## Test Graphs

