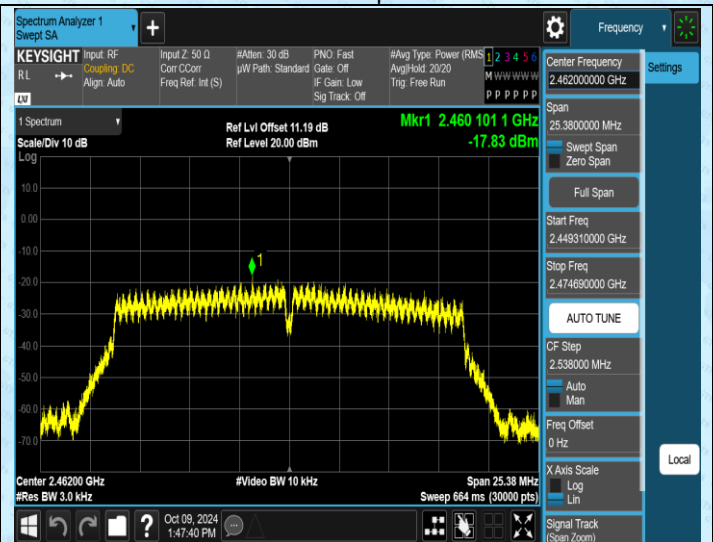
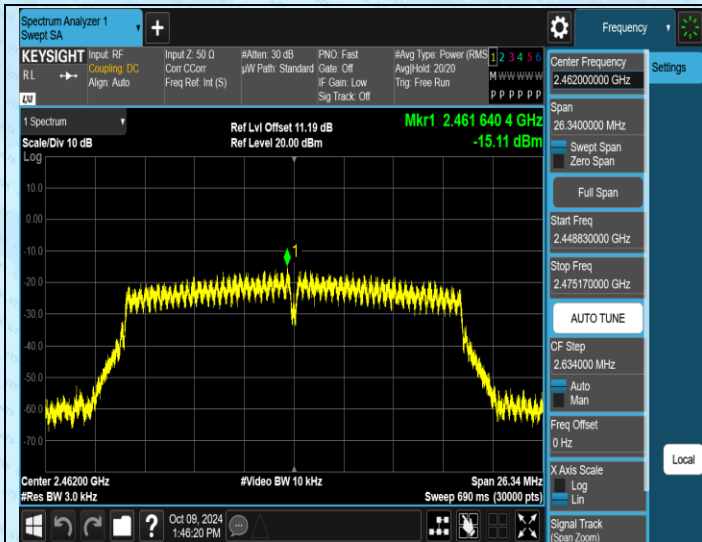
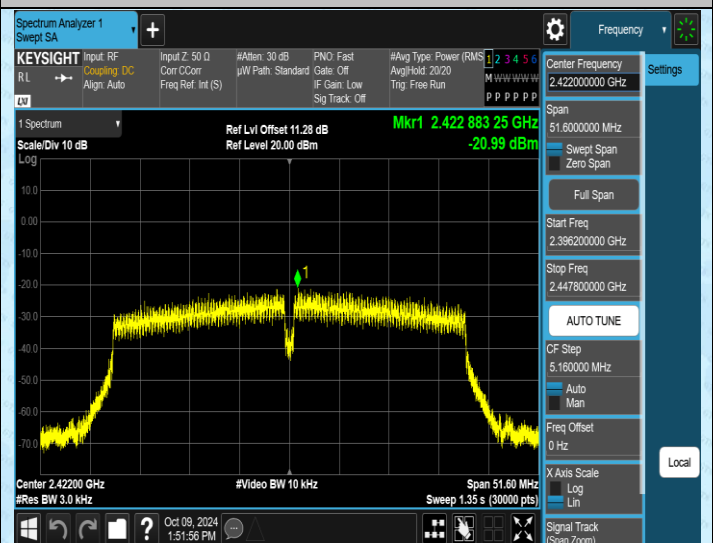
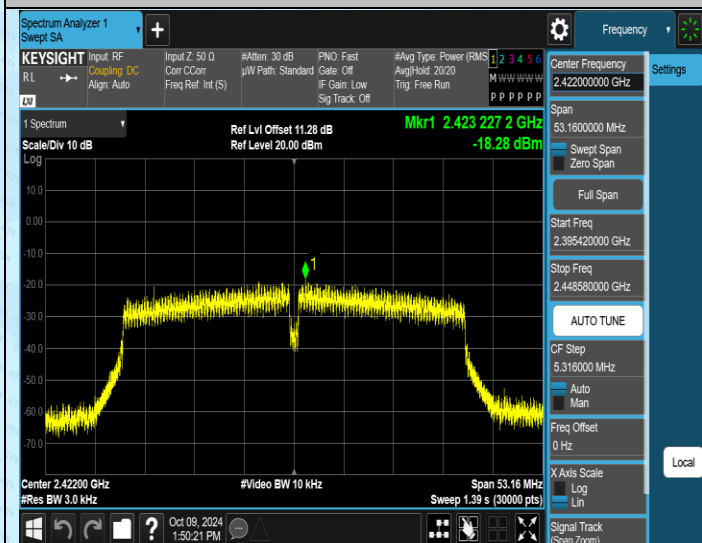




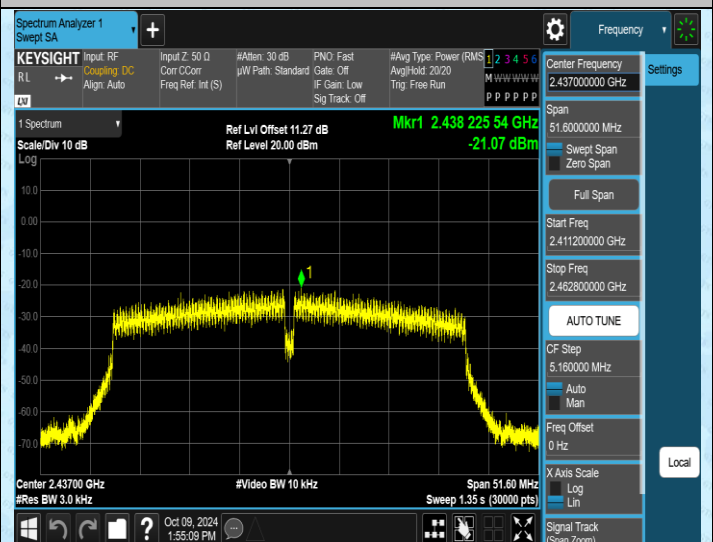
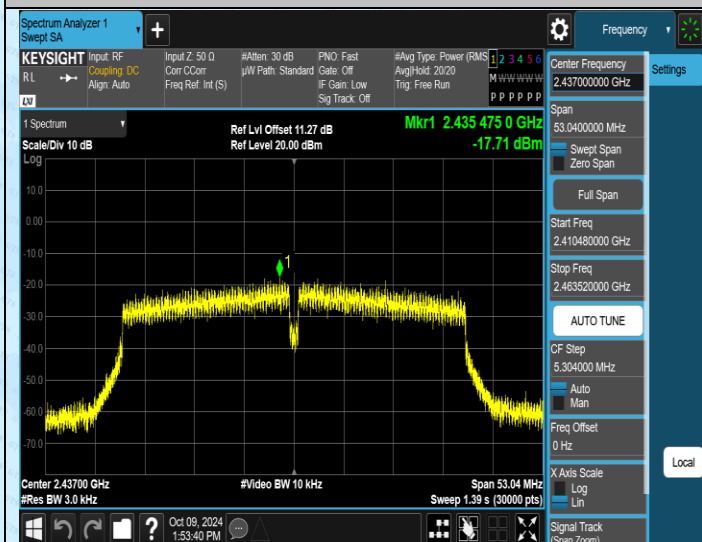
11N20MIMO-Ant1-2462-PASS

11N20MIMO-Ant2-2462-PASS



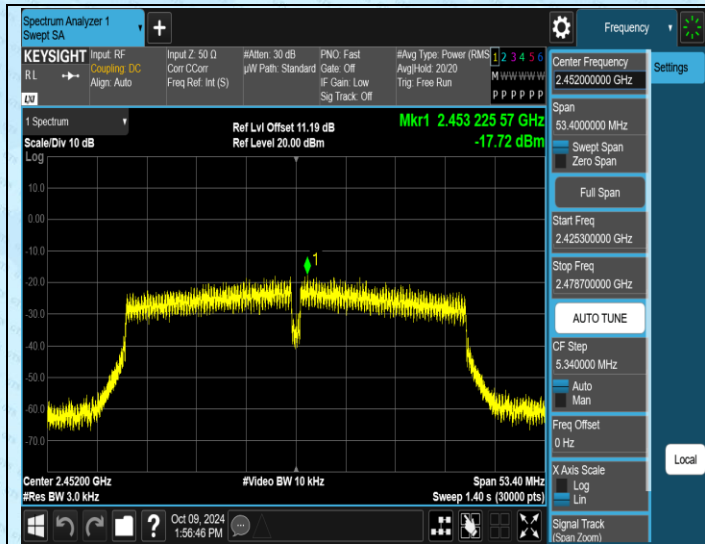
11N40MIMO-Ant1-2422-PASS

11N40MIMO-Ant2-2422-PASS

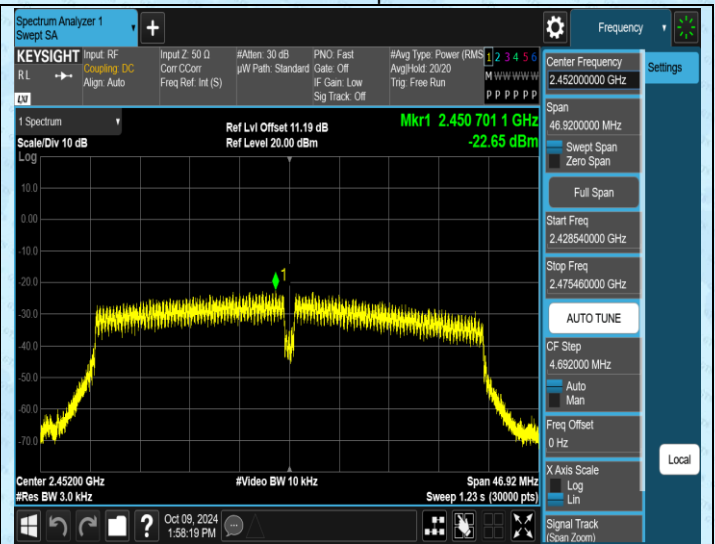


11N40MIMO-Ant1-2437-PASS

11N40MIMO-Ant2-2437-PASS



11N40MIMO-Ant1-2452-PASS



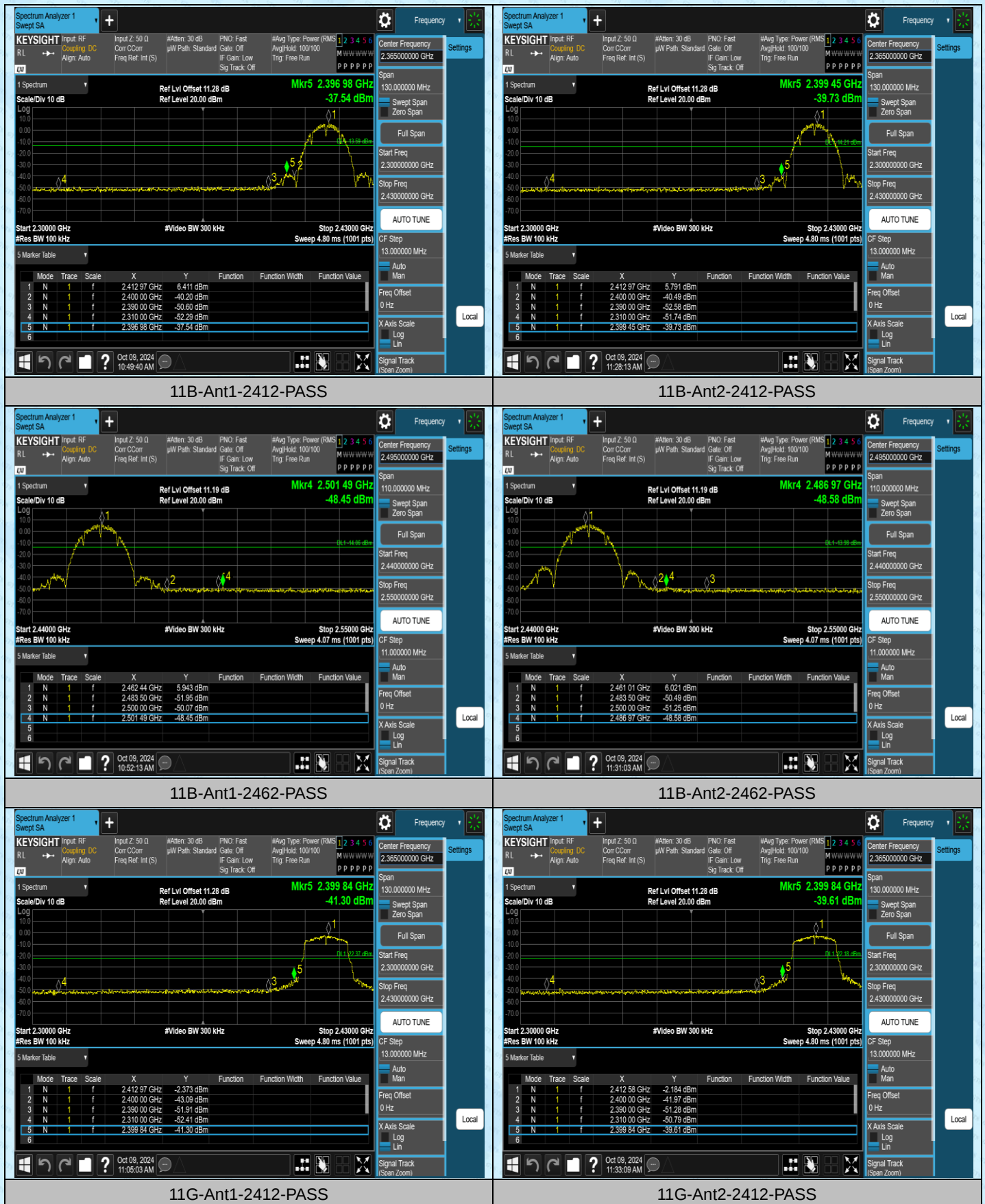
11N40MIMO-Ant2-2452-PASS

AppendixE:Band edge measurements

Test Result

Test Mode	Antenna	Channel	Frequency[MHz]	Rate	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	1Mbps	6.41	-37.54	≤-13.59	PASS
11B	Ant2	Low	2412	1Mbps	5.79	-39.73	≤-14.21	PASS
11B	Ant1	High	2462	1Mbps	5.94	-48.45	≤-14.06	PASS
11B	Ant2	High	2462	1Mbps	6.02	-48.58	≤-13.98	PASS
11G	Ant1	Low	2412	6Mbps	-2.37	-41.3	≤-22.37	PASS
11G	Ant2	Low	2412	6Mbps	-2.18	-39.61	≤-22.18	PASS
11G	Ant1	High	2462	6Mbps	-2.70	-46.27	≤-22.7	PASS
11G	Ant2	High	2462	6Mbps	-2.30	-48.1	≤-22.3	PASS
11N20SISO	Ant1	Low	2412	MCS0	-3.65	-42.24	≤-23.65	PASS
11N20SISO	Ant2	Low	2412	MCS0	-1.62	-39.79	≤-21.62	PASS
11N20SISO	Ant1	High	2462	MCS0	-3.12	-47.17	≤-23.12	PASS
11N20SISO	Ant2	High	2462	MCS0	-1.86	-48.57	≤-21.86	PASS
11N40SISO	Ant1	Low	2422	MCS0	-5.90	-42.74	≤-25.9	PASS
11N40SISO	Ant2	Low	2422	MCS0	-4.81	-42.33	≤-24.81	PASS
11N40SISO	Ant1	High	2452	MCS0	-6.21	-48.78	≤-26.21	PASS
11N40SISO	Ant2	High	2452	MCS0	-4.34	-45.61	≤-24.34	PASS
11N20MIMO	Ant1	Low	2412	MCS0	-5.47	-43.35	≤-25.47	PASS
11N20MIMO	Ant2	Low	2412	MCS0	-5.98	-47.28	≤-25.98	PASS
11N20MIMO	Ant1	High	2462	MCS0	-4.30	-47.68	≤-24.3	PASS
11N20MIMO	Ant2	High	2462	MCS0	-7.17	-49.48	≤-27.17	PASS
11N40MIMO	Ant1	Low	2422	MCS0	-7.86	-43.2	≤-27.86	PASS
11N40MIMO	Ant2	Low	2422	MCS0	-9.17	-47.36	≤-29.17	PASS
11N40MIMO	Ant1	High	2452	MCS0	-6.80	-42.25	≤-26.8	PASS
11N40MIMO	Ant2	High	2452	MCS0	-10.44	-48.91	≤-30.44	PASS

Test Graphs





11G-Ant1-2462-PASS



11G-Ant2-2462-PASS



11N20SISO-Ant1-2412-PASS



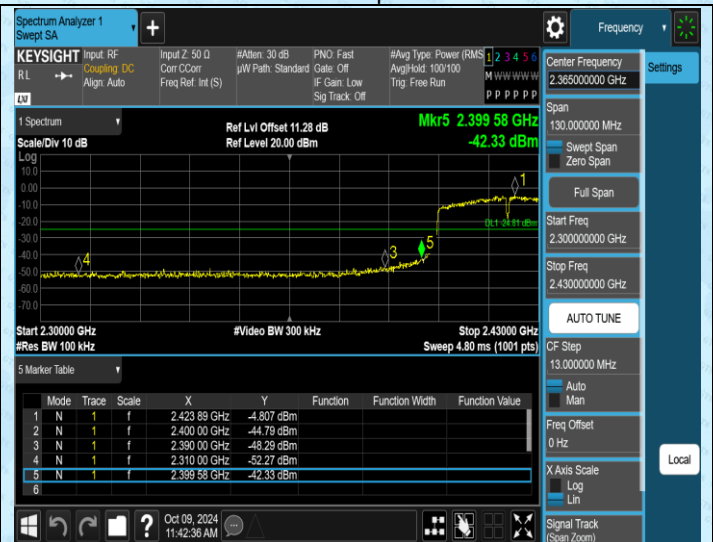
11N20SISO-Ant2-2412-PASS



11N20SISO-Ant1-2462-PASS



11N20SISO-Ant2-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant2-2422-PASS



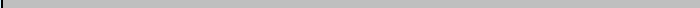
11N40SISO-Ant1-2452-PASS



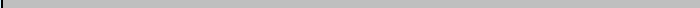
11N40SISO-Ant2-2452-PASS

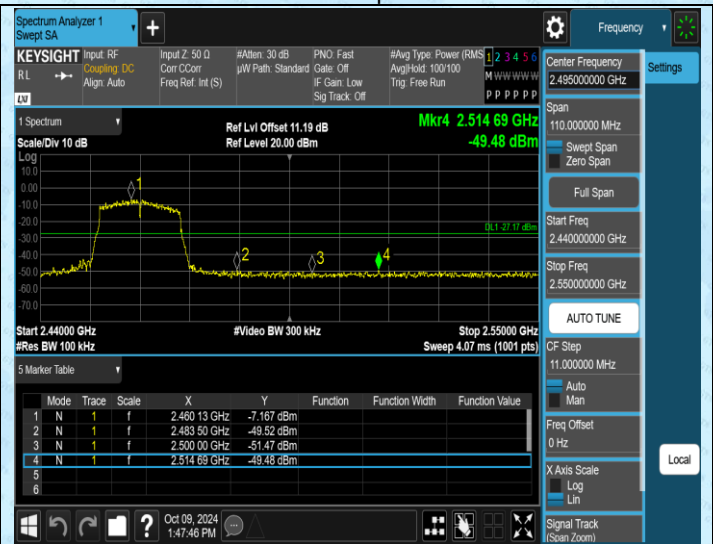


11N20MIMO-Ant1-2412-PASS



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

AppendixF:Conducted Spurious Emission

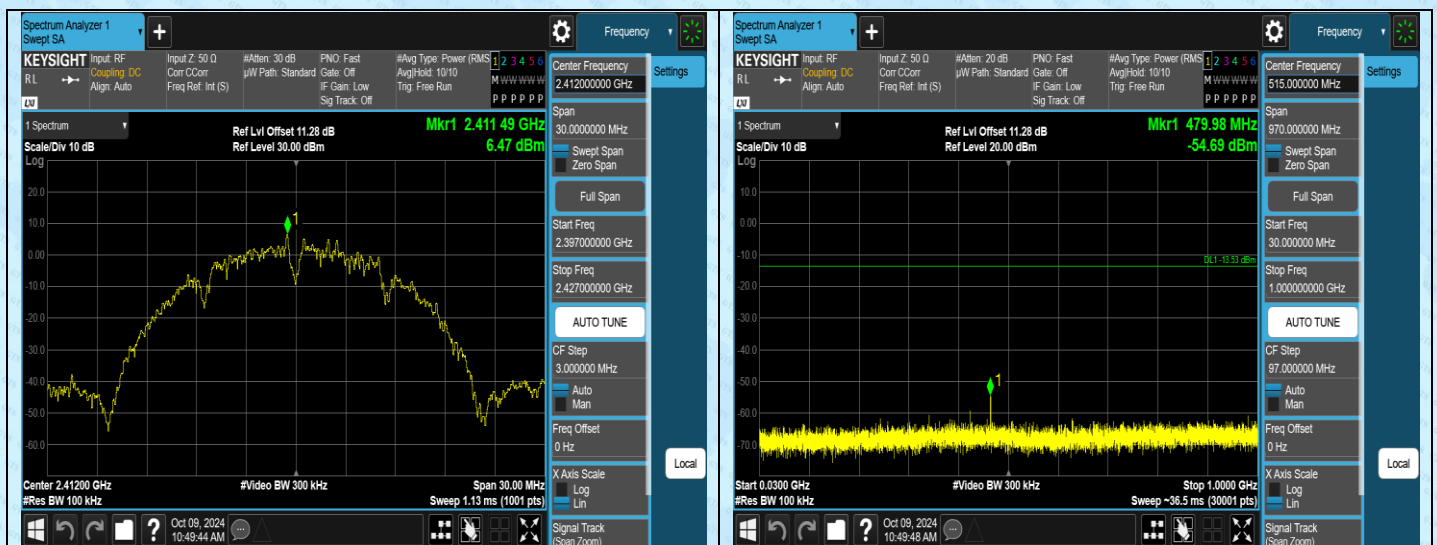
Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	1Mbps	0~Reference	6.47	6.47	---	PASS
11B	Ant1	2412	1Mbps	30~1000	6.47	-54.69	≤-13.53	PASS
11B	Ant1	2412	1Mbps	1000~26500	6.47	-49.55	≤-13.53	PASS
11B	Ant2	2412	1Mbps	0~Reference	3.29	3.29	---	PASS
11B	Ant2	2412	1Mbps	30~1000	3.29	-61.14	≤-16.71	PASS
11B	Ant2	2412	1Mbps	1000~26500	3.29	-49.24	≤-16.71	PASS
11B	Ant1	2437	1Mbps	0~Reference	5.67	5.67	---	PASS
11B	Ant1	2437	1Mbps	30~1000	5.67	-55.62	≤-14.33	PASS
11B	Ant1	2437	1Mbps	1000~26500	5.67	-47.88	≤-14.33	PASS
11B	Ant2	2437	1Mbps	0~Reference	5.87	5.87	---	PASS
11B	Ant2	2437	1Mbps	30~1000	5.87	-61.68	≤-14.13	PASS
11B	Ant2	2437	1Mbps	1000~26500	5.87	-49.69	≤-14.13	PASS
11B	Ant1	2462	1Mbps	0~Reference	5.33	5.33	---	PASS
11B	Ant1	2462	1Mbps	30~1000	5.33	-55.08	≤-14.67	PASS
11B	Ant1	2462	1Mbps	1000~26500	5.33	-47.89	≤-14.67	PASS
11B	Ant2	2462	1Mbps	0~Reference	5.82	5.82	---	PASS
11B	Ant2	2462	1Mbps	30~1000	5.82	-60.68	≤-14.18	PASS
11B	Ant2	2462	1Mbps	1000~26500	5.82	-49.17	≤-14.18	PASS
11G	Ant1	2412	6Mbps	0~Reference	-3.72	-3.72	---	PASS
11G	Ant1	2412	6Mbps	30~1000	-3.72	-53.33	≤-23.72	PASS
11G	Ant1	2412	6Mbps	1000~26500	-3.72	-49.63	≤-23.72	PASS
11G	Ant2	2412	6Mbps	0~Reference	-2.51	-2.51	---	PASS
11G	Ant2	2412	6Mbps	30~1000	-2.51	-59.72	≤-22.51	PASS
11G	Ant2	2412	6Mbps	1000~26500	-2.51	-49.9	≤-22.51	PASS
11G	Ant1	2437	6Mbps	0~Reference	-3.78	-3.78	---	PASS
11G	Ant1	2437	6Mbps	30~1000	-3.78	-53.68	≤-23.78	PASS
11G	Ant1	2437	6Mbps	1000~26500	-3.78	-48.86	≤-23.78	PASS
11G	Ant2	2437	6Mbps	0~Reference	-2.92	-2.92	---	PASS
11G	Ant2	2437	6Mbps	30~1000	-2.92	-60.38	≤-22.92	PASS
11G	Ant2	2437	6Mbps	1000~26500	-2.92	-49.71	≤-22.92	PASS
11G	Ant1	2462	6Mbps	0~Reference	-3.68	-3.68	---	PASS
11G	Ant1	2462	6Mbps	30~1000	-3.68	-52.23	≤-23.68	PASS
11G	Ant1	2462	6Mbps	1000~26500	-3.68	-49.73	≤-23.68	PASS
11G	Ant2	2462	6Mbps	0~Reference	-3.04	-3.04	---	PASS
11G	Ant2	2462	6Mbps	30~1000	-3.04	-61.95	≤-23.04	PASS
11G	Ant2	2462	6Mbps	1000~26500	-3.04	-49.66	≤-23.04	PASS
11N20SISO	Ant1	2412	MCS0	0~Reference	-4.20	-4.20	---	PASS

11N20SISO	Ant1	2412	MCS0	30~1000	-4.20	-53.09	≤ -24.2	PASS
11N20SISO	Ant1	2412	MCS0	1000~26500	-4.20	-49.56	≤ -24.2	PASS
11N20SISO	Ant2	2412	MCS0	0~Reference	-3.22	-3.22	---	PASS
11N20SISO	Ant2	2412	MCS0	30~1000	-3.22	-61.57	≤ -23.22	PASS
11N20SISO	Ant2	2412	MCS0	1000~26500	-3.22	-49.24	≤ -23.22	PASS
11N20SISO	Ant1	2437	MCS0	0~Reference	-3.48	-3.48	---	PASS
11N20SISO	Ant1	2437	MCS0	30~1000	-3.48	-52.29	≤ -23.48	PASS
11N20SISO	Ant1	2437	MCS0	1000~26500	-3.48	-49.84	≤ -23.48	PASS
11N20SISO	Ant2	2437	MCS0	0~Reference	-3.00	-3.00	---	PASS
11N20SISO	Ant2	2437	MCS0	30~1000	-3.00	-61.1	≤ -23	PASS
11N20SISO	Ant2	2437	MCS0	1000~26500	-3.00	-49.92	≤ -23	PASS
11N20SISO	Ant1	2462	MCS0	0~Reference	-2.78	-2.78	---	PASS
11N20SISO	Ant1	2462	MCS0	30~1000	-2.78	-52.82	≤ -22.78	PASS
11N20SISO	Ant1	2462	MCS0	1000~26500	-2.78	-49.05	≤ -22.78	PASS
11N20SISO	Ant2	2462	MCS0	0~Reference	-2.65	-2.65	---	PASS
11N20SISO	Ant2	2462	MCS0	30~1000	-2.65	-61.42	≤ -22.65	PASS
11N20SISO	Ant2	2462	MCS0	1000~26500	-2.65	-49.5	≤ -22.65	PASS
11N40SISO	Ant1	2422	MCS0	0~Reference	-6.90	-6.90	---	PASS
11N40SISO	Ant1	2422	MCS0	30~1000	-6.90	-55.53	≤ -26.9	PASS
11N40SISO	Ant1	2422	MCS0	1000~26500	-6.90	-49.82	≤ -26.9	PASS
11N40SISO	Ant2	2422	MCS0	0~Reference	-4.62	-4.62	---	PASS
11N40SISO	Ant2	2422	MCS0	30~1000	-4.62	-60.58	≤ -24.62	PASS
11N40SISO	Ant2	2422	MCS0	1000~26500	-4.62	-49.37	≤ -24.62	PASS
11N40SISO	Ant1	2437	MCS0	0~Reference	-6.34	-6.34	---	PASS
11N40SISO	Ant1	2437	MCS0	30~1000	-6.34	-56.56	≤ -26.34	PASS
11N40SISO	Ant1	2437	MCS0	1000~26500	-6.34	-49.89	≤ -26.34	PASS
11N40SISO	Ant2	2437	MCS0	0~Reference	-5.05	-5.05	---	PASS
11N40SISO	Ant2	2437	MCS0	30~1000	-5.05	-55.86	≤ -25.05	PASS
11N40SISO	Ant2	2437	MCS0	1000~26500	-5.05	-49.42	≤ -25.05	PASS
11N40SISO	Ant1	2452	MCS0	0~Reference	-6.46	-6.46	---	PASS
11N40SISO	Ant1	2452	MCS0	30~1000	-6.46	-57.55	≤ -26.46	PASS
11N40SISO	Ant1	2452	MCS0	1000~26500	-6.46	-49.84	≤ -26.46	PASS
11N40SISO	Ant2	2452	MCS0	0~Reference	-5.40	-5.40	---	PASS
11N40SISO	Ant2	2452	MCS0	30~1000	-5.40	-61.81	≤ -25.4	PASS
11N40SISO	Ant2	2452	MCS0	1000~26500	-5.40	-49.46	≤ -25.4	PASS
11N20MIMO	Ant1	2412	MCS0	0~Reference	-6.18	-6.18	---	PASS
11N20MIMO	Ant1	2412	MCS0	30~1000	-6.18	-59.27	≤ -26.18	PASS
11N20MIMO	Ant1	2412	MCS0	1000~26500	-6.18	-49.66	≤ -26.18	PASS
11N20MIMO	Ant2	2412	MCS0	0~Reference	-6.48	-6.48	---	PASS
11N20MIMO	Ant2	2412	MCS0	30~1000	-6.48	-61.18	≤ -26.48	PASS
11N20MIMO	Ant2	2412	MCS0	1000~26500	-6.48	-49.42	≤ -26.48	PASS
11N20MIMO	Ant1	2437	MCS0	0~Reference	-5.57	-5.57	---	PASS
11N20MIMO	Ant1	2437	MCS0	30~1000	-5.57	-58.14	≤ -25.57	PASS
11N20MIMO	Ant1	2437	MCS0	1000~26500	-5.57	-49.01	≤ -25.57	PASS

11N20MIMO	Ant2	2437	MCS0	0~Reference	-9.82	-9.82	---	PASS
11N20MIMO	Ant2	2437	MCS0	30~1000	-9.82	-61.22	≤-29.82	PASS
11N20MIMO	Ant2	2437	MCS0	1000~26500	-9.82	-49.85	≤-29.82	PASS
11N20MIMO	Ant1	2462	MCS0	0~Reference	-4.08	-4.08	---	PASS
11N20MIMO	Ant1	2462	MCS0	30~1000	-4.08	-54.97	≤-24.08	PASS
11N20MIMO	Ant1	2462	MCS0	1000~26500	-4.08	-50.15	≤-24.08	PASS
11N20MIMO	Ant2	2462	MCS0	0~Reference	-8.11	-8.11	---	PASS
11N20MIMO	Ant2	2462	MCS0	30~1000	-8.11	-56.94	≤-28.11	PASS
11N20MIMO	Ant2	2462	MCS0	1000~26500	-8.11	-49.27	≤-28.11	PASS
11N40MIMO	Ant1	2422	MCS0	0~Reference	-7.64	-7.64	---	PASS
11N40MIMO	Ant1	2422	MCS0	30~1000	-7.64	-55.54	≤-27.64	PASS
11N40MIMO	Ant1	2422	MCS0	1000~26500	-7.64	-50.09	≤-27.64	PASS
11N40MIMO	Ant2	2422	MCS0	0~Reference	-9.97	-9.97	---	PASS
11N40MIMO	Ant2	2422	MCS0	30~1000	-9.97	-58.32	≤-29.97	PASS
11N40MIMO	Ant2	2422	MCS0	1000~26500	-9.97	-49.99	≤-29.97	PASS
11N40MIMO	Ant1	2437	MCS0	0~Reference	-7.76	-7.76	---	PASS
11N40MIMO	Ant1	2437	MCS0	30~1000	-7.76	-58.73	≤-27.76	PASS
11N40MIMO	Ant1	2437	MCS0	1000~26500	-7.76	-49.15	≤-27.76	PASS
11N40MIMO	Ant2	2437	MCS0	0~Reference	-10.44	-10.44	---	PASS
11N40MIMO	Ant2	2437	MCS0	30~1000	-10.44	-61.92	≤-30.44	PASS
11N40MIMO	Ant2	2437	MCS0	1000~26500	-10.44	-49.72	≤-30.44	PASS
11N40MIMO	Ant1	2452	MCS0	0~Reference	-7.42	-7.42	---	PASS
11N40MIMO	Ant1	2452	MCS0	30~1000	-7.42	-58.05	≤-27.42	PASS
11N40MIMO	Ant1	2452	MCS0	1000~26500	-7.42	-49.63	≤-27.42	PASS
11N40MIMO	Ant2	2452	MCS0	0~Reference	-10.97	-10.97	---	PASS
11N40MIMO	Ant2	2452	MCS0	30~1000	-10.97	-61.58	≤-30.97	PASS
11N40MIMO	Ant2	2452	MCS0	1000~26500	-10.97	-49.81	≤-30.97	PASS

Test Graphs



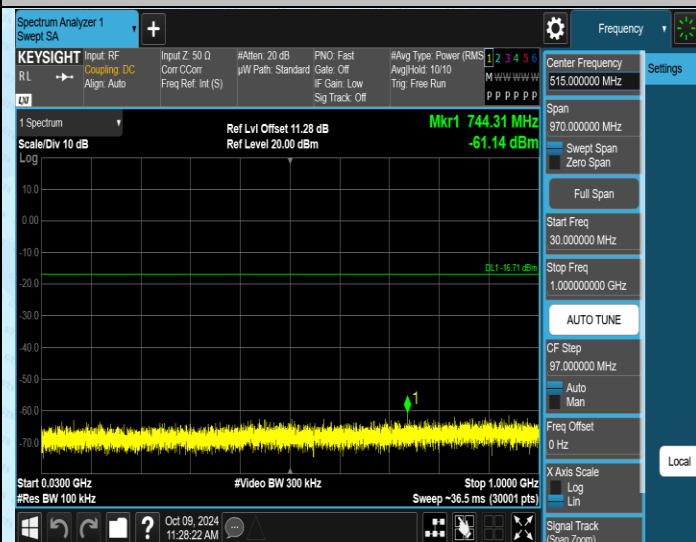
11B-Ant1-2412-0~Reference-PASS



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



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



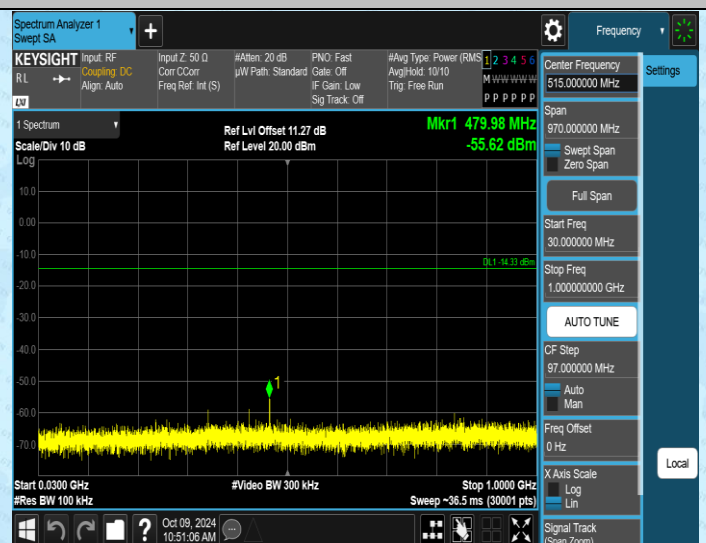
11B-Ant2-2412-0~Reference-PASS



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



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



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



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

