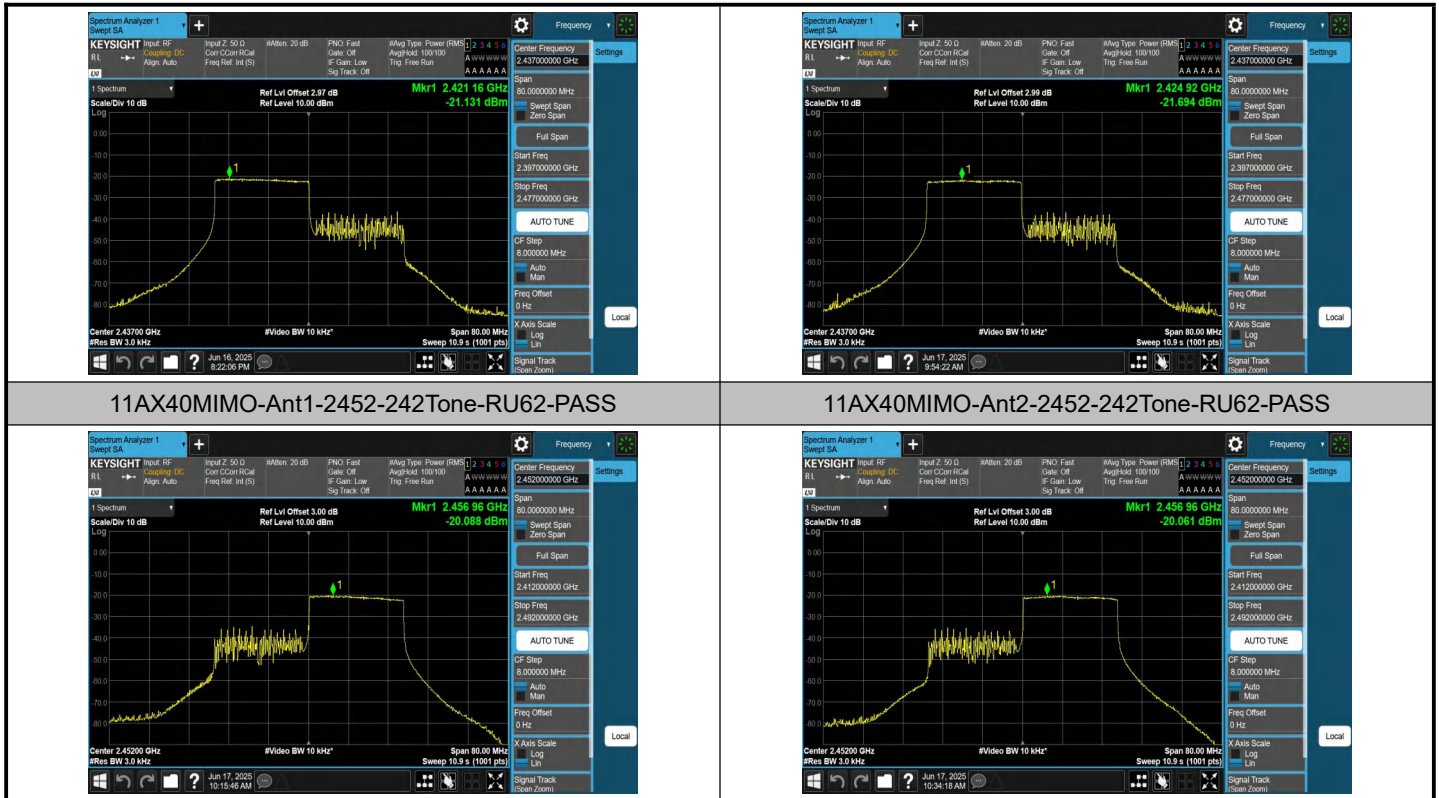




A.4 Conducted Band Edges and Spurious Emission

Test Result

Band Edges

Test Mode	Antenna	Ch Name	Frequency [MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B-CDD	Ant1	Low	2412	9.26	-44.66	≤-20.74	PASS
11B-CDD	Ant2	Low	2412	8.56	-44.92	≤-21.44	PASS
11B-CDD	Ant1	High	2462	8.36	-55.77	≤-21.64	PASS
11B-CDD	Ant2	High	2462	8.41	-56.48	≤-21.59	PASS
11G-CDD	Ant1	Low	2412	6.55	-35.77	≤-23.45	PASS
11G-CDD	Ant2	Low	2412	7.12	-35.15	≤-22.88	PASS
11G-CDD	Ant1	High	2462	5.29	-54.06	≤-24.71	PASS
11G-CDD	Ant2	High	2462	5.09	-53.87	≤-24.91	PASS
11N20MIMO	Ant1	Low	2412	6.28	-36.89	≤-23.72	PASS
11N20MIMO	Ant2	Low	2412	5.66	-36.49	≤-24.34	PASS
11N20MIMO	Ant1	High	2462	4.56	-52.57	≤-25.44	PASS
11N20MIMO	Ant2	High	2462	5.41	-51.77	≤-24.59	PASS
11N40MIMO	Ant1	Low	2422	1.84	-42.03	≤-28.16	PASS
11N40MIMO	Ant2	Low	2422	1.45	-40.85	≤-28.55	PASS
11N40MIMO	Ant1	High	2452	1.97	-48.32	≤-28.03	PASS
11N40MIMO	Ant2	High	2452	1.38	-44.59	≤-28.62	PASS
11AX20MIMO	Ant1	Low	2412	4.92	-36.93	≤-25.08	PASS
11AX20MIMO	Ant2	Low	2412	3.52	-37.16	≤-26.48	PASS
11AX20MIMO	Ant1	High	2462	5.27	-52.87	≤-24.73	PASS
11AX20MIMO	Ant2	High	2462	5.06	-50.91	≤-24.94	PASS
11AX40MIMO	Ant1	Low	2422	1.98	-40.6	≤-28.02	PASS
11AX40MIMO	Ant2	Low	2422	2.35	-39.14	≤-27.65	PASS
11AX40MIMO	Ant1	High	2452	2.50	-47.8	≤-27.5	PASS
11AX40MIMO	Ant2	High	2452	2.35	-47.53	≤-27.65	PASS

Spurious Emission

Test Mode	Antenna	Frequency[MHz]	Freq Range[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B-CDD	Ant1	2412	30~1000	9.26	-68.89	≤-20.74	PASS
11B-CDD	Ant2	2412	30~1000	8.56	-68.68	≤-21.44	PASS
11B-CDD	Ant1	2412	1000~26500	9.26	-55.32	≤-20.74	PASS
11B-CDD	Ant2	2412	1000~26500	8.56	-55.02	≤-21.44	PASS
11B-CDD	Ant1	2437	30~1000	7.93	-68.64	≤-22.07	PASS
11B-CDD	Ant2	2437	30~1000	7.66	-68.89	≤-22.34	PASS
11B-CDD	Ant1	2437	1000~26500	7.93	-55.17	≤-22.07	PASS

11B-CDD	Ant2	2437	1000~26500	7.66	-55.12	≤-22.34	PASS
11B-CDD	Ant1	2462	30~1000	8.36	-66.66	≤-21.64	PASS
11B-CDD	Ant2	2462	30~1000	8.41	-68.59	≤-21.59	PASS
11B-CDD	Ant1	2462	1000~26500	8.36	-55.25	≤-21.64	PASS
11B-CDD	Ant2	2462	1000~26500	8.41	-54.63	≤-21.59	PASS
11G-CDD	Ant1	2412	30~1000	6.55	-68.34	≤-23.45	PASS
11G-CDD	Ant2	2412	30~1000	7.12	-68.09	≤-22.88	PASS
11G-CDD	Ant1	2412	1000~26500	6.55	-54.82	≤-23.45	PASS
11G-CDD	Ant2	2412	1000~26500	7.12	-54.42	≤-22.88	PASS
11G-CDD	Ant1	2437	30~1000	4.83	-68.49	≤-25.17	PASS
11G-CDD	Ant2	2437	30~1000	5.45	-61.54	≤-24.55	PASS
11G-CDD	Ant1	2437	1000~26500	4.83	-54.32	≤-25.17	PASS
11G-CDD	Ant2	2437	1000~26500	5.45	-54.86	≤-24.55	PASS
11G-CDD	Ant1	2462	30~1000	5.29	-68.82	≤-24.71	PASS
11G-CDD	Ant2	2462	30~1000	5.09	-68.46	≤-24.91	PASS
11G-CDD	Ant1	2462	1000~26500	5.29	-54.32	≤-24.71	PASS
11G-CDD	Ant2	2462	1000~26500	5.09	-54.59	≤-24.91	PASS
11N20MIMO	Ant1	2412	30~1000	6.28	-68.63	≤-23.72	PASS
11N20MIMO	Ant2	2412	30~1000	5.66	-57.48	≤-24.34	PASS
11N20MIMO	Ant1	2412	1000~26500	6.28	-54.67	≤-23.72	PASS
11N20MIMO	Ant2	2412	1000~26500	5.66	-54.25	≤-24.34	PASS
11N20MIMO	Ant1	2437	30~1000	5.15	-68.43	≤-24.85	PASS
11N20MIMO	Ant2	2437	30~1000	4.75	-68.42	≤-25.25	PASS
11N20MIMO	Ant1	2437	1000~26500	5.15	-48.74	≤-24.85	PASS
11N20MIMO	Ant2	2437	1000~26500	4.75	-55.23	≤-25.25	PASS
11N20MIMO	Ant1	2462	30~1000	4.56	-68.62	≤-25.44	PASS
11N20MIMO	Ant2	2462	30~1000	5.41	-68.04	≤-24.59	PASS
11N20MIMO	Ant1	2462	1000~26500	4.56	-54.2	≤-25.44	PASS
11N20MIMO	Ant2	2462	1000~26500	5.41	-54.77	≤-24.59	PASS
11N40MIMO	Ant1	2422	30~1000	1.84	-68.16	≤-28.16	PASS
11N40MIMO	Ant2	2422	30~1000	1.45	-68.09	≤-28.55	PASS
11N40MIMO	Ant1	2422	1000~26500	1.84	-51.48	≤-28.16	PASS
11N40MIMO	Ant2	2422	1000~26500	1.45	-55.29	≤-28.55	PASS
11N40MIMO	Ant1	2437	30~1000	3.19	-68.4	≤-26.81	PASS
11N40MIMO	Ant2	2437	30~1000	2.22	-68.38	≤-27.78	PASS
11N40MIMO	Ant1	2437	1000~26500	3.19	-43.83	≤-26.81	PASS
11N40MIMO	Ant2	2437	1000~26500	2.22	-54.81	≤-27.78	PASS
11N40MIMO	Ant1	2452	30~1000	1.97	-67.98	≤-28.03	PASS
11N40MIMO	Ant2	2452	30~1000	1.38	-68.36	≤-28.62	PASS

11N40MIMO	Ant1	2452	1000~26500	1.97	-41.4	≤-28.03	PASS
11N40MIMO	Ant2	2452	1000~26500	1.38	-54.69	≤-28.62	PASS
11AX20MIMO	Ant1	2412	30~1000	4.92	-68.11	≤-25.08	PASS
11AX20MIMO	Ant2	2412	30~1000	3.52	-69.19	≤-26.48	PASS
11AX20MIMO	Ant1	2412	1000~26500	4.92	-55.14	≤-25.08	PASS
11AX20MIMO	Ant2	2412	1000~26500	3.52	-54.58	≤-26.48	PASS
11AX20MIMO	Ant1	2437	30~1000	4.39	-68.36	≤-25.61	PASS
11AX20MIMO	Ant2	2437	30~1000	5.10	-68.58	≤-24.9	PASS
11AX20MIMO	Ant1	2437	1000~26500	4.39	-54.21	≤-25.61	PASS
11AX20MIMO	Ant2	2437	1000~26500	5.10	-54.47	≤-24.9	PASS
11AX20MIMO	Ant1	2462	30~1000	5.27	-68.86	≤-24.73	PASS
11AX20MIMO	Ant2	2462	30~1000	5.06	-68.48	≤-24.94	PASS
11AX20MIMO	Ant1	2462	1000~26500	5.27	-54.89	≤-24.73	PASS
11AX20MIMO	Ant2	2462	1000~26500	5.06	-55.19	≤-24.94	PASS
11AX40MIMO	Ant1	2422	30~1000	1.98	-65.28	≤-28.02	PASS
11AX40MIMO	Ant2	2422	30~1000	2.35	-68.86	≤-27.65	PASS
11AX40MIMO	Ant1	2422	1000~26500	1.98	-54.55	≤-28.02	PASS
11AX40MIMO	Ant2	2422	1000~26500	2.35	-54.69	≤-27.65	PASS
11AX40MIMO	Ant1	2437	30~1000	0.86	-66.52	≤-29.14	PASS
11AX40MIMO	Ant2	2437	30~1000	2.11	-68.41	≤-27.89	PASS
11AX40MIMO	Ant1	2437	1000~26500	0.86	-54.98	≤-29.14	PASS
11AX40MIMO	Ant2	2437	1000~26500	2.11	-54.82	≤-27.89	PASS
11AX40MIMO	Ant1	2452	30~1000	2.50	-68.83	≤-27.5	PASS
11AX40MIMO	Ant2	2452	30~1000	2.35	-68.68	≤-27.65	PASS
11AX40MIMO	Ant1	2452	1000~26500	2.50	-54.51	≤-27.5	PASS
11AX40MIMO	Ant2	2452	1000~26500	2.35	-54.55	≤-27.65	PASS

Test Graphs

Band Edges



11B-CDD-Ant1-2462-PASS



11B-CDD-Ant2-2462-PASS



11G-CDD-Ant1-2412-PASS



11G-CDD-Ant2-2412-PASS



11G-CDD-Ant1-2462-PASS



11G-CDD-Ant2-2462-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



11AX20MIMO-Ant1-2412-PASS



11AX20MIMO-Ant2-2412-PASS



11AX20MIMO-Ant1-2462-PASS



11AX20MIMO-Ant2-2462-PASS



11AX40MIMO-Ant1-2422-PASS



11AX40MIMO-Ant2-2422-PASS



11AX40MIMO-Ant1-2452-PASS

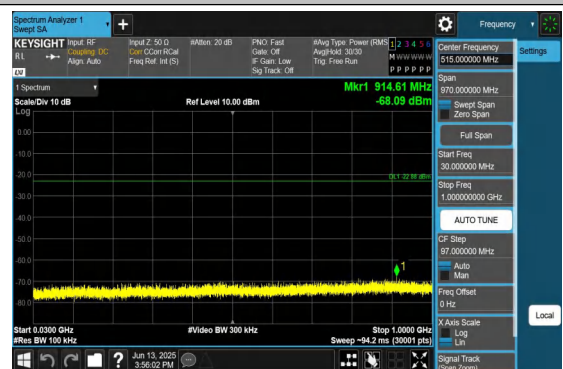


11AX40MIMO-Ant2-2452-PASS



Spurious Emission

11B-CDD-Ant1-2412-30~1000-PASS	11B-CDD-Ant2-2412-30~1000-PASS
11B-CDD-Ant1-2412-1000~26500-PASS	11B-CDD-Ant2-2412-1000~26500-PASS
11B-CDD-Ant1-2437-30~1000-PASS	11B-CDD-Ant2-2437-30~1000-PASS
11B-CDD-Ant1-2437-1000~26500-PASS	11B-CDD-Ant2-2437-1000~26500-PASS





11G-CDD-Ant1-2437-30~1000-PASS

11G-CDD-Ant2-2437-30~1000-PASS



11G-CDD-Ant1-2437-1000~26500-PASS

11G-CDD-Ant2-2437-1000~26500-PASS



11G-CDD-Ant1-2462-30~1000-PASS

11G-CDD-Ant2-2462-30~1000-PASS



11G-CDD-Ant1-2462-1000~26500-PASS

11G-CDD-Ant2-2462-1000~26500-PASS



11N20MIMO-Ant1-2412-30~1000-PASS

11N20MIMO-Ant2-2412-30~1000-PASS



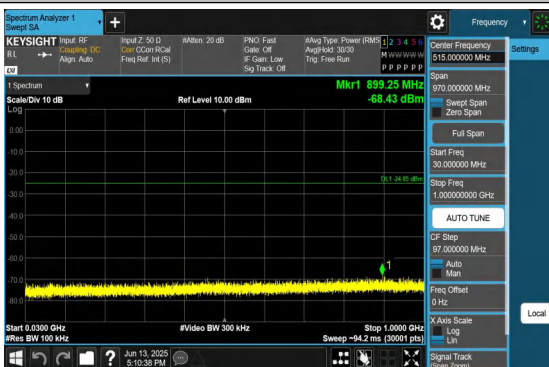
11N20MIMO-Ant1-2412-1000~26500-PASS

11N20MIMO-Ant2-2412-1000~26500-PASS



11N20MIMO-Ant1-2437-30~1000-PASS

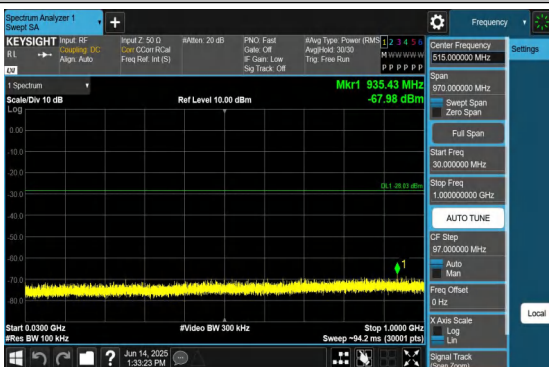
11N20MIMO-Ant2-2437-30~1000-PASS



11N20MIMO-Ant1-2437-1000~26500-PASS

11N20MIMO-Ant2-2437-1000~26500-PASS









11AX20MIMO-Ant1-2462-30~1000-PASS



11AX20MIMO-Ant2-2462-30~1000-PASS



11AX20MIMO-Ant1-2462-1000~26500-PASS



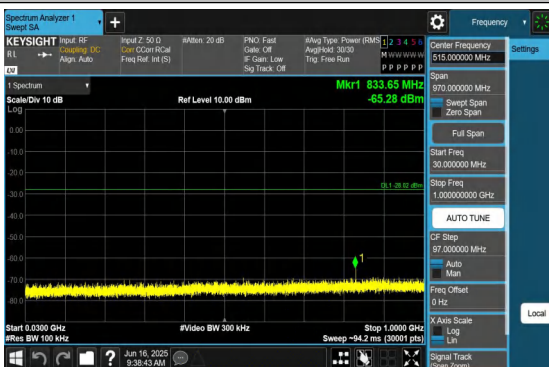
11AX20MIMO-Ant2-2462-1000~26500-PASS



11AX40MIMO-Ant1-2422-30~1000-PASS



11AX40MIMO-Ant2-2422-30~1000-PASS



11AX40MIMO-Ant1-2422-1000~26500-PASS



11AX40MIMO-Ant2-2422-1000~26500-PASS

