

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	Ant1	Low	2412	10.81	-24.64	≤-19.19	PASS
11B	Ant2	Low	2412	9.53	-29.43	≤-20.47	PASS
11B	Ant1	High	2462	10.87	-43.14	≤-19.13	PASS
11B	Ant2	High	2462	9.77	-42.72	≤-20.23	PASS
11B-CDD	Ant1	Low	2412	7.70	-32.71	≤-22.3	PASS
11B-CDD	Ant2	Low	2412	6.48	-37.22	≤-23.52	PASS
11B-CDD	Ant1	High	2462	6.76	-46.09	≤-23.24	PASS
11B-CDD	Ant2	High	2462	6.01	-46.23	≤-23.99	PASS
11G	Ant1	Low	2412	8.84	-37.79	≤-21.16	PASS
11G	Ant2	Low	2412	8.09	-40.03	≤-21.91	PASS
11G	Ant1	High	2462	9.24	-38.83	≤-20.76	PASS
11G	Ant2	High	2462	8.60	-40.92	≤-21.4	PASS
11G-CDD	Ant1	Low	2412	3.56	-45.58	≤-26.44	PASS
11G-CDD	Ant2	Low	2412	4.19	-39.82	≤-25.81	PASS
11G-CDD	Ant1	High	2462	5.09	-48.03	≤-24.91	PASS
11G-CDD	Ant2	High	2462	5.47	-49.19	≤-24.53	PASS
11N20SISO	Ant1	Low	2412	8.93	-38.23	≤-21.07	PASS
11N20SISO	Ant2	Low	2412	8.57	-37.12	≤-21.43	PASS
11N20SISO	Ant1	High	2462	9.22	-38.13	≤-20.78	PASS
11N20SISO	Ant2	High	2462	9.09	-36.01	≤-20.91	PASS
11N20MIMO	Ant1	Low	2412	5.26	-42.91	≤-24.74	PASS
11N20MIMO	Ant2	Low	2412	4.76	-39.2	≤-25.24	PASS
11N20MIMO	Ant1	High	2462	5.19	-45.71	≤-24.81	PASS
11N20MIMO	Ant2	High	2462	6.05	-48.35	≤-23.95	PASS
11N40SISO	Ant1	Low	2422	5.67	-35.71	≤-24.33	PASS
11N40SISO	Ant2	Low	2422	5.43	-36.8	≤-24.57	PASS
11N40SISO	Ant1	High	2452	6.82	-30.1	≤-23.18	PASS
11N40SISO	Ant2	High	2452	6.20	-32.21	≤-23.8	PASS
11N40MIMO	Ant1	Low	2422	2.03	-44.78	≤-27.97	PASS
11N40MIMO	Ant2	Low	2422	2.73	-41.32	≤-27.27	PASS
11N40MIMO	Ant1	High	2452	2.86	-45.23	≤-27.14	PASS
11N40MIMO	Ant2	High	2452	2.74	-50.14	≤-27.26	PASS

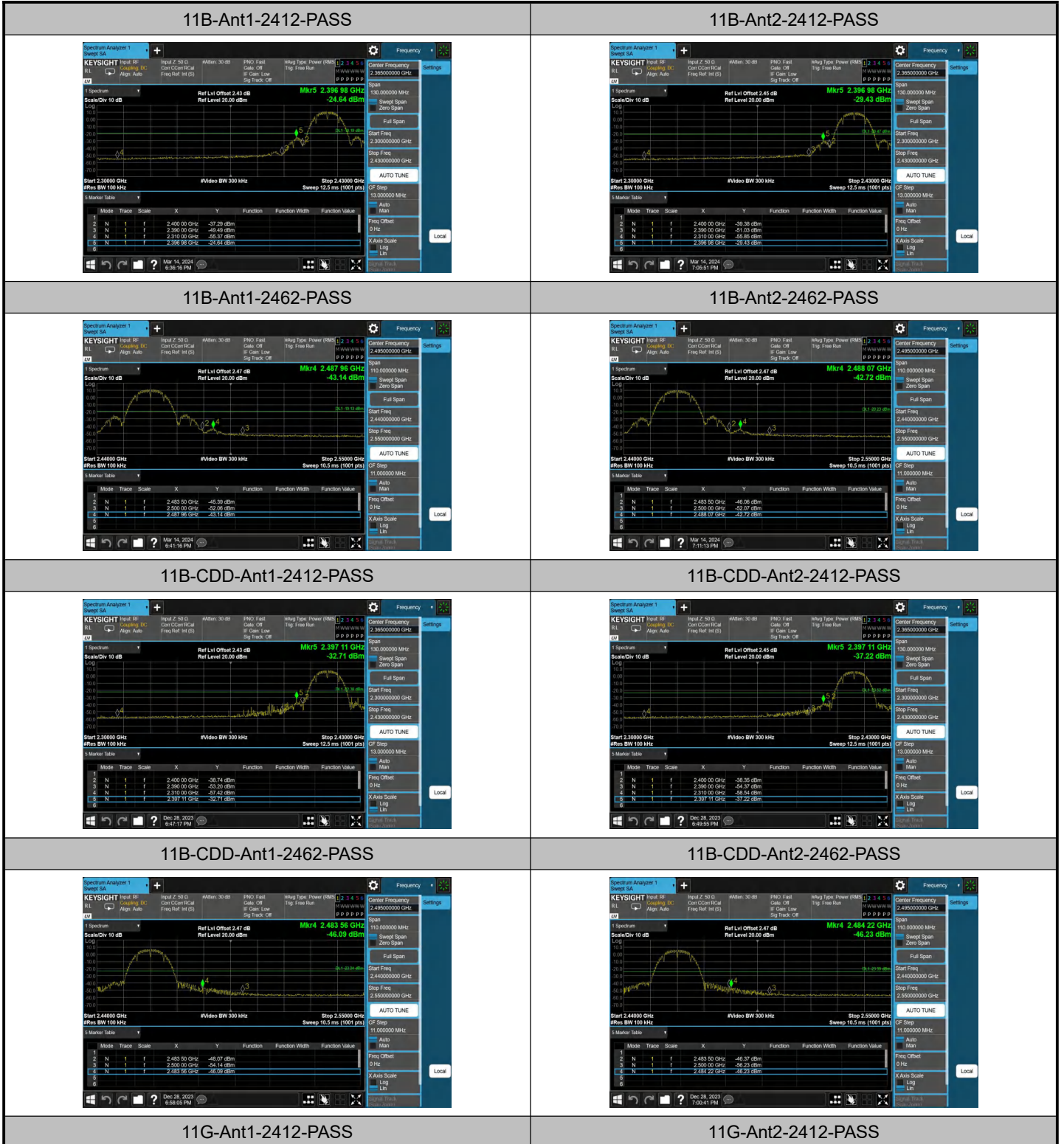
Spurious Emission

Test Mode	Antenna	Frequency [MHz]	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~1000	10.81	-61.49	≤-19.19	PASS
11B	Ant2	2412	30~1000	9.53	-68.64	≤-20.47	PASS
11B	Ant1	2412	1000~26500	10.81	-47.6	≤-19.19	PASS
11B	Ant2	2412	1000~26500	9.53	-52.98	≤-20.47	PASS
11B	Ant1	2437	30~1000	10.50	-63.56	≤-19.5	PASS
11B	Ant2	2437	30~1000	9.54	-68.72	≤-20.46	PASS
11B	Ant1	2437	1000~26500	10.50	-48.14	≤-19.5	PASS
11B	Ant2	2437	1000~26500	9.54	-53.21	≤-20.46	PASS
11B	Ant1	2462	30~1000	10.87	-67.6	≤-19.13	PASS
11B	Ant2	2462	30~1000	9.77	-68.96	≤-20.23	PASS
11B	Ant1	2462	1000~26500	10.87	-49.78	≤-19.13	PASS
11B	Ant2	2462	1000~26500	9.77	-53.86	≤-20.23	PASS
11B-CDD	Ant1	2412	30~1000	7.70	-69.01	≤-22.3	PASS
11B-CDD	Ant2	2412	30~1000	6.48	-68.92	≤-23.52	PASS
11B-CDD	Ant1	2412	1000~26500	7.70	-52.39	≤-22.3	PASS
11B-CDD	Ant2	2412	1000~26500	6.48	-55.14	≤-23.52	PASS
11B-CDD	Ant1	2437	30~1000	6.97	-68.37	≤-23.03	PASS
11B-CDD	Ant2	2437	30~1000	6.06	-68.9	≤-23.94	PASS
11B-CDD	Ant1	2437	1000~26500	6.97	-50.68	≤-23.03	PASS
11B-CDD	Ant2	2437	1000~26500	6.06	-55.43	≤-23.94	PASS
11B-CDD	Ant1	2462	30~1000	6.76	-69.05	≤-23.24	PASS
11B-CDD	Ant2	2462	30~1000	6.01	-68.67	≤-23.99	PASS
11B-CDD	Ant1	2462	1000~26500	6.76	-54.58	≤-23.24	PASS
11B-CDD	Ant2	2462	1000~26500	6.01	-54.76	≤-23.99	PASS
11G	Ant1	2412	30~1000	8.84	-63.54	≤-21.16	PASS
11G	Ant2	2412	30~1000	8.09	-68.87	≤-21.91	PASS
11G	Ant1	2412	1000~26500	8.84	-53.55	≤-21.16	PASS
11G	Ant2	2412	1000~26500	8.09	-54.77	≤-21.91	PASS
11G	Ant1	2437	30~1000	9.09	-68.11	≤-20.91	PASS
11G	Ant2	2437	30~1000	8.30	-68.21	≤-21.7	PASS
11G	Ant1	2437	1000~26500	9.09	-54.06	≤-20.91	PASS
11G	Ant2	2437	1000~26500	8.30	-55.23	≤-21.7	PASS
11G	Ant1	2462	30~1000	9.24	-69.07	≤-20.76	PASS
11G	Ant2	2462	30~1000	8.60	-69.11	≤-21.4	PASS
11G	Ant1	2462	1000~26500	9.24	-52.71	≤-20.76	PASS
11G	Ant2	2462	1000~26500	8.60	-54.52	≤-21.4	PASS

11G-CDD	Ant1	2412	30~1000	3.56	-68.75	≤-26.44	PASS
11G-CDD	Ant2	2412	30~1000	4.19	-68.97	≤-25.81	PASS
11G-CDD	Ant1	2412	1000~26500	3.56	-54.93	≤-26.44	PASS
11G-CDD	Ant2	2412	1000~26500	4.19	-54.54	≤-25.81	PASS
11G-CDD	Ant1	2437	30~1000	4.73	-68.75	≤-25.27	PASS
11G-CDD	Ant2	2437	30~1000	4.81	-69.17	≤-25.19	PASS
11G-CDD	Ant1	2437	1000~26500	4.73	-54.52	≤-25.27	PASS
11G-CDD	Ant2	2437	1000~26500	4.81	-55.05	≤-25.19	PASS
11G-CDD	Ant1	2462	30~1000	5.09	-69.15	≤-24.91	PASS
11G-CDD	Ant2	2462	30~1000	5.47	-67.99	≤-24.53	PASS
11G-CDD	Ant1	2462	1000~26500	5.09	-54.97	≤-24.91	PASS
11G-CDD	Ant2	2462	1000~26500	5.47	-54.54	≤-24.53	PASS
11N20SISO	Ant1	2412	30~1000	8.93	-66.73	≤-21.07	PASS
11N20SISO	Ant2	2412	30~1000	8.57	-68.71	≤-21.43	PASS
11N20SISO	Ant1	2412	1000~26500	8.93	-54.31	≤-21.07	PASS
11N20SISO	Ant2	2412	1000~26500	8.57	-54.26	≤-21.43	PASS
11N20SISO	Ant1	2437	30~1000	9.14	-64.17	≤-20.86	PASS
11N20SISO	Ant2	2437	30~1000	7.81	-68.53	≤-22.19	PASS
11N20SISO	Ant1	2437	1000~26500	9.14	-54.31	≤-20.86	PASS
11N20SISO	Ant2	2437	1000~26500	7.81	-54.97	≤-22.19	PASS
11N20SISO	Ant1	2462	30~1000	9.22	-62.51	≤-20.78	PASS
11N20SISO	Ant2	2462	30~1000	9.09	-68.47	≤-20.91	PASS
11N20SISO	Ant1	2462	1000~26500	9.22	-53.22	≤-20.78	PASS
11N20SISO	Ant2	2462	1000~26500	9.09	-54.62	≤-20.91	PASS
11N20MIMO	Ant1	2412	30~1000	5.26	-68.54	≤-24.74	PASS
11N20MIMO	Ant2	2412	30~1000	4.76	-68.43	≤-25.24	PASS
11N20MIMO	Ant1	2412	1000~26500	5.26	-54.88	≤-24.74	PASS
11N20MIMO	Ant2	2412	1000~26500	4.76	-54.99	≤-25.24	PASS
11N20MIMO	Ant1	2437	30~1000	4.93	-68.8	≤-25.07	PASS
11N20MIMO	Ant2	2437	30~1000	5.32	-69.05	≤-24.68	PASS
11N20MIMO	Ant1	2437	1000~26500	4.93	-55.23	≤-25.07	PASS
11N20MIMO	Ant2	2437	1000~26500	5.32	-54.09	≤-24.68	PASS
11N20MIMO	Ant1	2462	30~1000	5.19	-68.61	≤-24.81	PASS
11N20MIMO	Ant2	2462	30~1000	6.05	-69.1	≤-23.95	PASS
11N20MIMO	Ant1	2462	1000~26500	5.19	-54.36	≤-24.81	PASS
11N20MIMO	Ant2	2462	1000~26500	6.05	-55.38	≤-23.95	PASS
11N40SISO	Ant1	2422	30~1000	5.67	-68.68	≤-24.33	PASS
11N40SISO	Ant2	2422	30~1000	5.43	-69.12	≤-24.57	PASS
11N40SISO	Ant1	2422	1000~26500	5.67	-55.34	≤-24.33	PASS

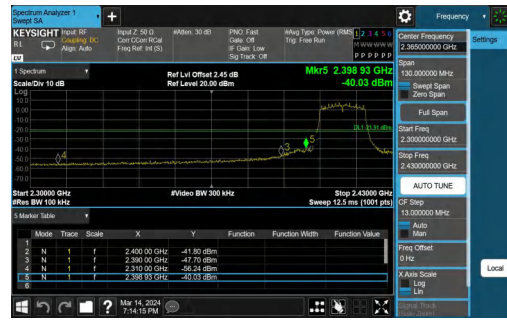
11N40SISO	Ant2	2422	1000~26500	5.43	-54.58	≤-24.57	PASS
11N40SISO	Ant1	2437	30~1000	6.58	-68.96	≤-23.42	PASS
11N40SISO	Ant2	2437	30~1000	5.71	-68.93	≤-24.29	PASS
11N40SISO	Ant1	2437	1000~26500	6.58	-55.18	≤-23.42	PASS
11N40SISO	Ant2	2437	1000~26500	5.71	-54.97	≤-24.29	PASS
11N40SISO	Ant1	2452	30~1000	6.82	-68.91	≤-23.18	PASS
11N40SISO	Ant2	2452	30~1000	6.20	-69.21	≤-23.8	PASS
11N40SISO	Ant1	2452	1000~26500	6.82	-53.88	≤-23.18	PASS
11N40SISO	Ant2	2452	1000~26500	6.20	-54.94	≤-23.8	PASS
11N40MIMO	Ant1	2422	30~1000	2.03	-68.81	≤-27.97	PASS
11N40MIMO	Ant2	2422	30~1000	2.73	-68.56	≤-27.27	PASS
11N40MIMO	Ant1	2422	1000~26500	2.03	-55.2	≤-27.97	PASS
11N40MIMO	Ant2	2422	1000~26500	2.73	-54.22	≤-27.27	PASS
11N40MIMO	Ant1	2437	30~1000	2.46	-68.93	≤-27.54	PASS
11N40MIMO	Ant2	2437	30~1000	2.29	-68.97	≤-27.71	PASS
11N40MIMO	Ant1	2437	1000~26500	2.46	-53.96	≤-27.54	PASS
11N40MIMO	Ant2	2437	1000~26500	2.29	-55.25	≤-27.71	PASS
11N40MIMO	Ant1	2452	30~1000	2.86	-69.16	≤-27.14	PASS
11N40MIMO	Ant2	2452	30~1000	2.74	-68.89	≤-27.26	PASS
11N40MIMO	Ant1	2452	1000~26500	2.86	-54.53	≤-27.14	PASS
11N40MIMO	Ant2	2452	1000~26500	2.74	-55.25	≤-27.26	PASS

Test Graphs Band Edges





11G-Ant1-2462-PASS



11G-Ant2-2462-PASS



11G-CDD-Ant1-2412-PASS



11G-CDD-Ant2-2412-PASS



11G-CDD-Ant1-2462-PASS



11G-CDD-Ant2-2462-PASS



11N20SISO-Ant1-2412-PASS



11N20SISO-Ant2-2412-PASS



11N20SISO-Ant1-2462-PASS



11N20SISO-Ant2-2462-PASS



11N20MIMO-Ant1-2412-PASS



11N20MIMO-Ant2-2412-PASS



11N20MIMO-Ant1-2462-PASS



11N20MIMO-Ant2-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant2-2422-PASS



11N40SISO-Ant1-2452-PASS



11N40SISO-Ant2-2452-PASS



11N40MIMO-Ant1-2422-PASS



11N40MIMO-Ant2-2422-PASS



11N40MIMO-Ant1-2452-PASS



11N40MIMO-Ant2-2452-PASS



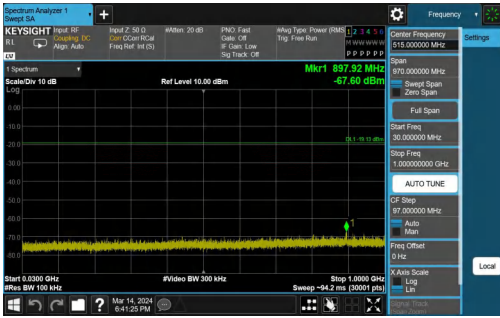
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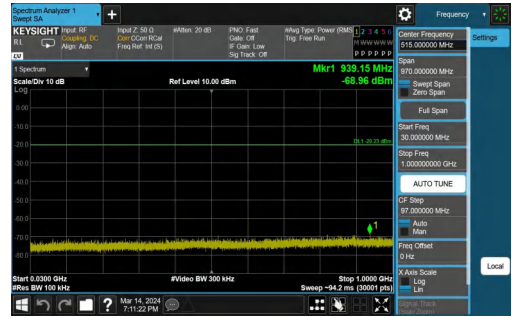
11N40MIMO-Ant2-2452-PASS

Spurious Emission

<p style="text-align: center;">11B-Ant1-2412-30~1000-PASS</p>	<p style="text-align: center;">11B-Ant2-2412-30~1000-PASS</p>
<p style="text-align: center;">11B-Ant1-2412-1000~26500-PASS</p>	<p style="text-align: center;">11B-Ant2-2412-1000~26500-PASS</p>
<p style="text-align: center;">11B-Ant1-2437-30~1000-PASS</p>	<p style="text-align: center;">11B-Ant2-2437-30~1000-PASS</p>
<p style="text-align: center;">11B-Ant1-2437-1000~26500-PASS</p>	<p style="text-align: center;">11B-Ant2-2437-1000~26500-PASS</p>
<p style="text-align: center;">11B-Ant1-2462-30~1000-PASS</p>	<p style="text-align: center;">11B-Ant2-2462-30~1000-PASS</p>



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



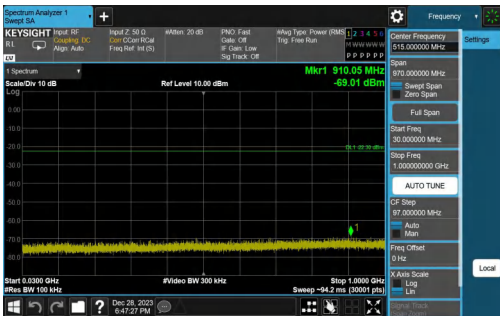
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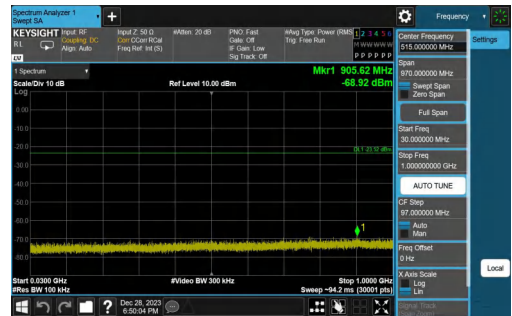
11B-CDD-Ant1-2412-30~1000-PASS



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



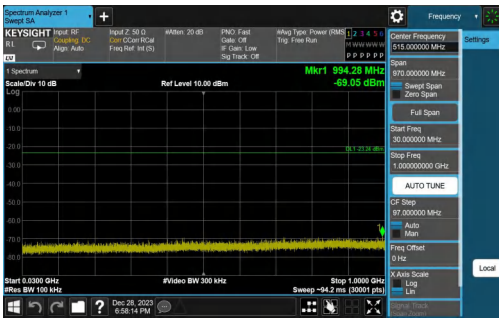
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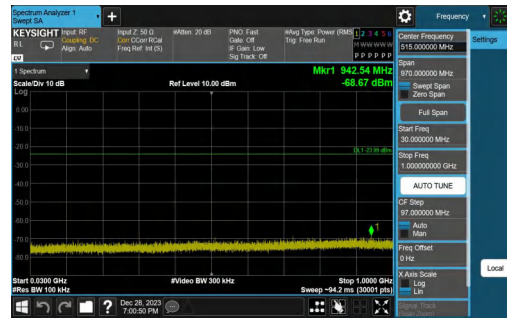
11B-CDD-Ant1-2462-30~1000-PASS



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



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



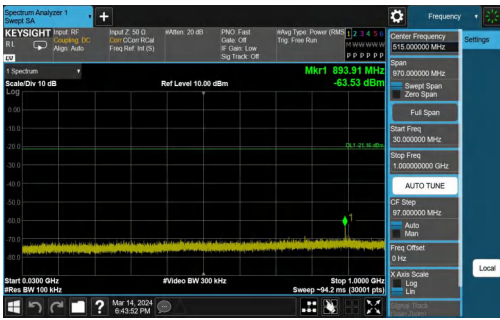
11B-CDD-Ant2-2462-1000~26500-PASS



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



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



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



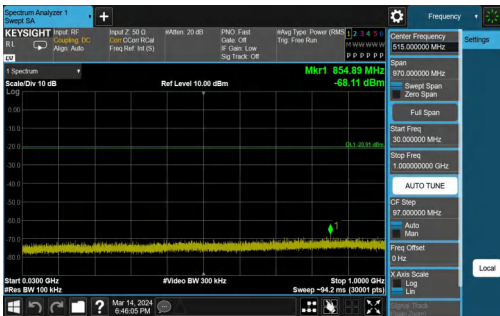
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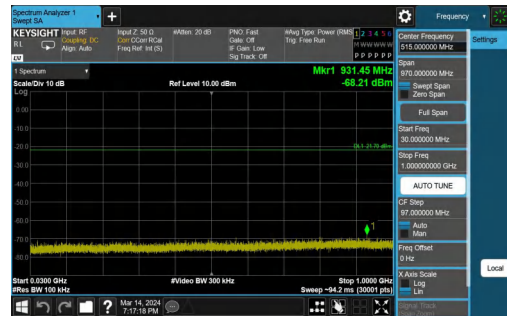
11G-Ant1-2437-30~1000-PASS



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



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



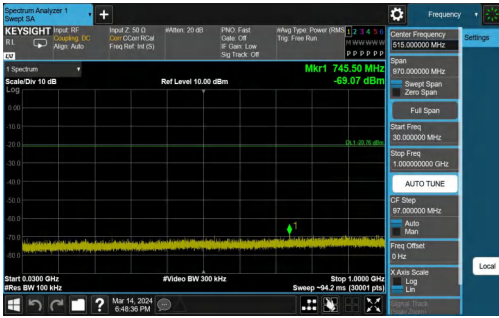
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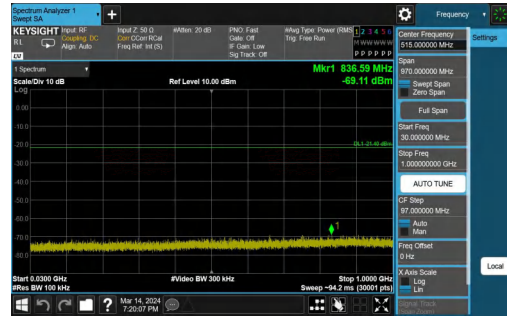
11G-Ant1-2462-30~1000-PASS



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



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



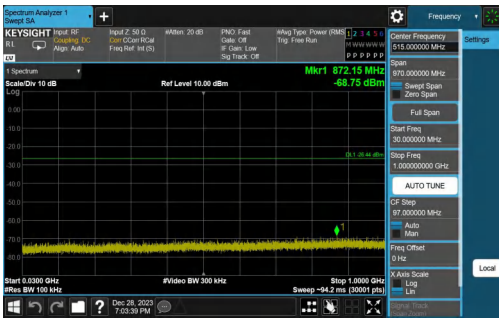
11G-Ant2-2462-1000~26500-PASS



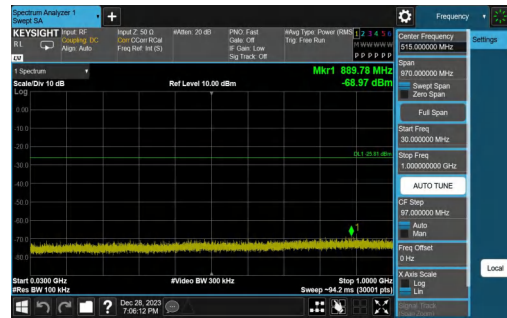
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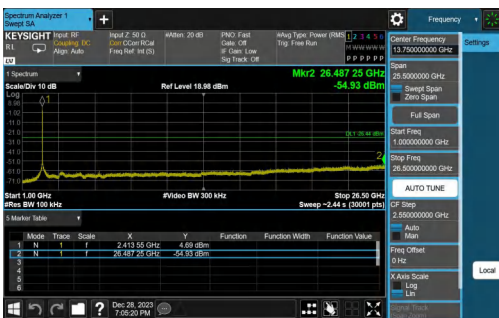
11G-CDD-Ant2-2412-30~1000-PASS



11G-CDD-Ant1-2412-1000~26500-PASS



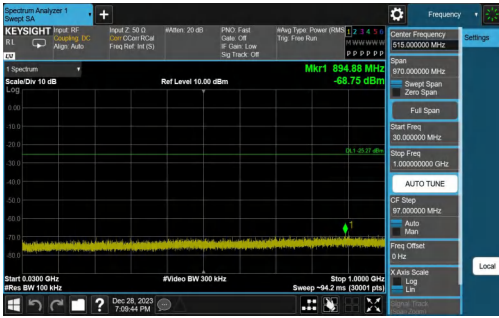
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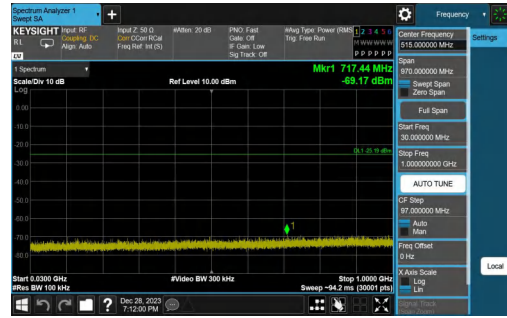
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11G-CDD-Ant2-2437-30~1000-PASS



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



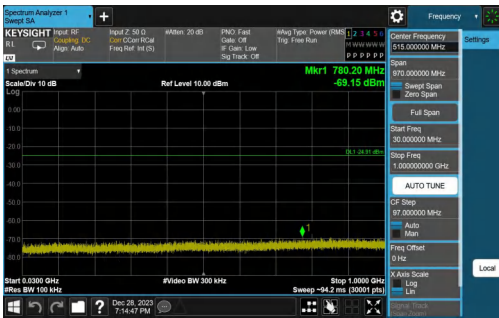
11G-CDD-Ant2-2437-1000~26500-PASS



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



11N20SISO-Ant1-2412-30~1000-PASS



11N20SISO-Ant2-2412-30~1000-PASS



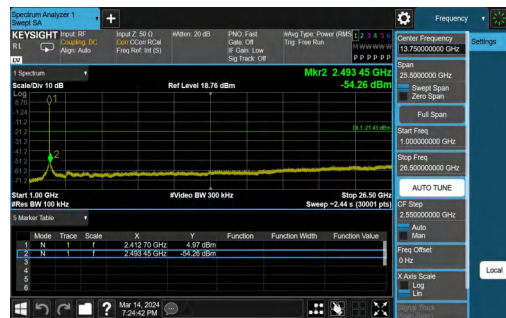
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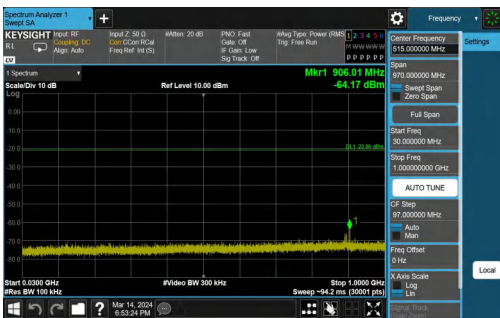
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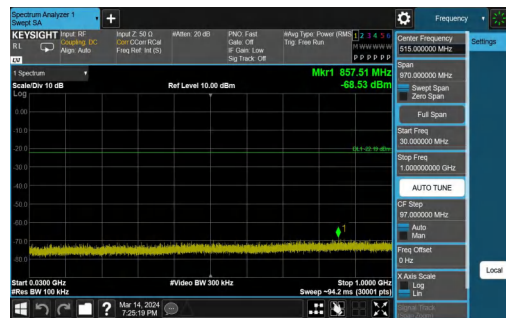
11N20SISO-Ant1-2437-30~1000-PASS



11N20SISO-Ant2-2437-30~1000-PASS



11N20SISO-Ant1-2437-1000~26500-PASS



11N20SISO-Ant2-2437-1000~26500-PASS



11N20SISO-Ant1-2462-30~1000-PASS



11N20SISO-Ant2-2462-30~1000-PASS



11N20SISO-Ant1-2462-1000~26500-PASS



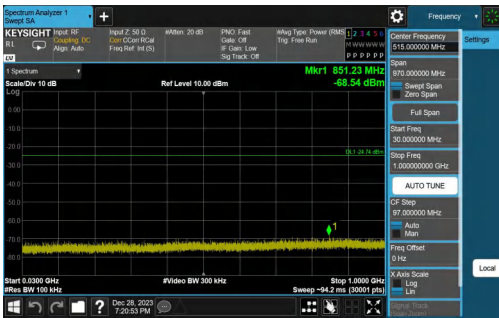
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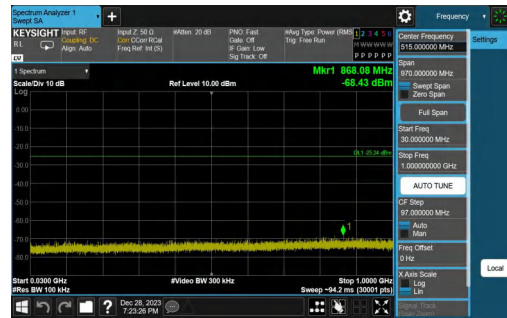
11N20MIMO-Ant1-2412-30~1000-PASS



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



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



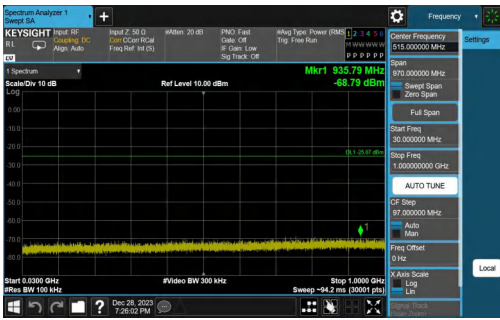
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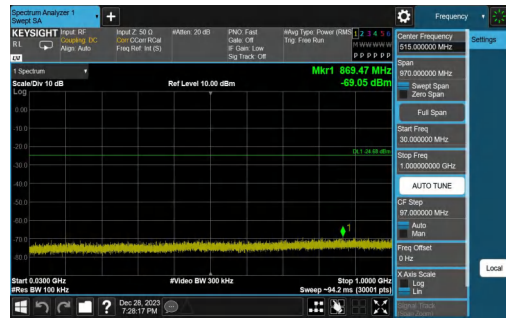
11N20MIMO-Ant1-2437-30~1000-PASS



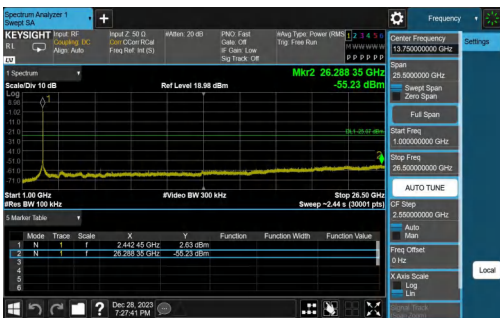
11N20MIMO-Ant2-2437-30~1000-PASS



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



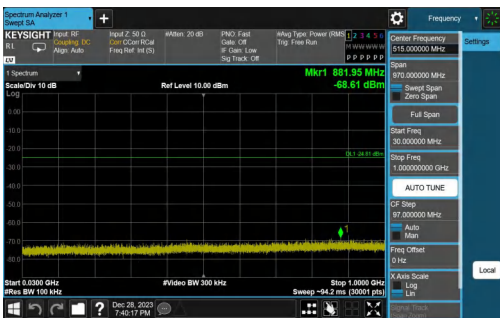
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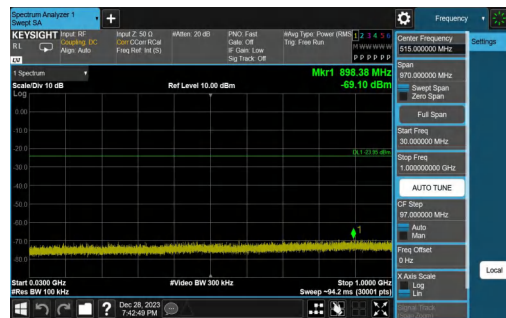
11N20MIMO-Ant1-2462-30~1000-PASS



11N20MIMO-Ant2-2462-30~1000-PASS



11N20MIMO-Ant1-2462-1000~26500-PASS



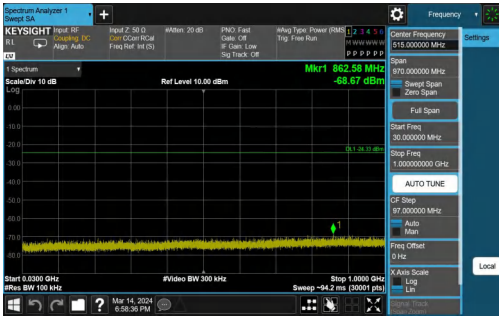
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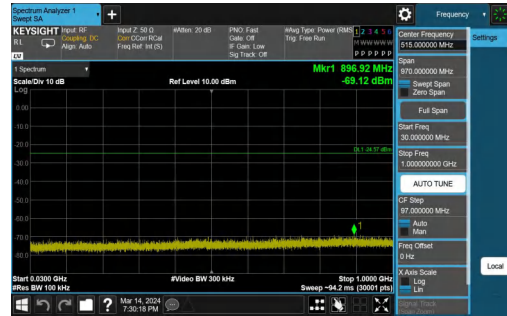
11N40SISO-Ant1-2422-30~1000-PASS



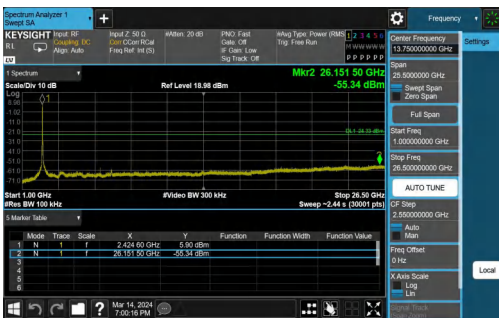
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11N40SISO-Ant1-2422-1000~26500-PASS



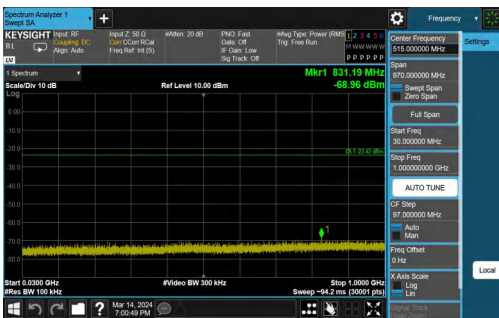
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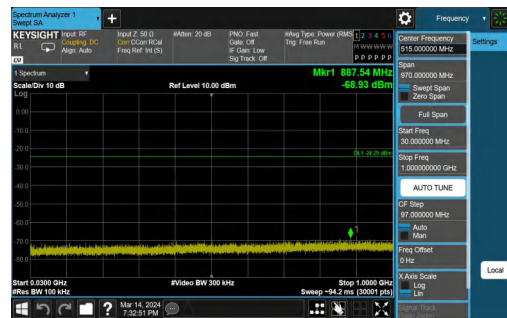
11N40SISO-Ant1-2437-30~1000-PASS



11N40SISO-Ant2-2437-30~1000-PASS



11N40SISO-Ant1-2437-1000~26500-PASS



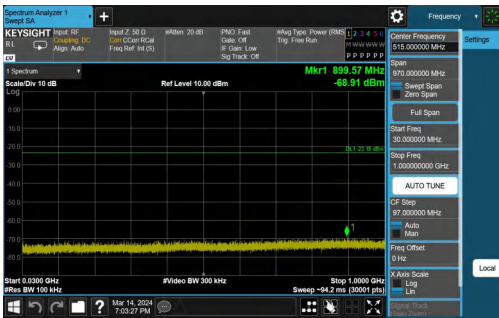
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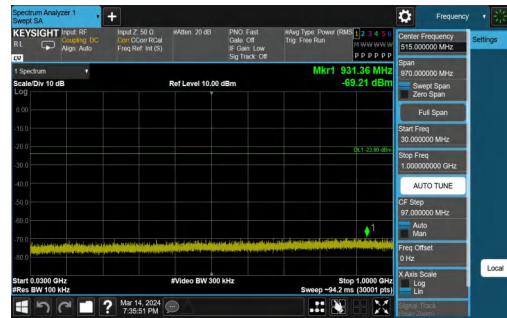
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11N40SISO-Ant2-2452-30~1000-PASS



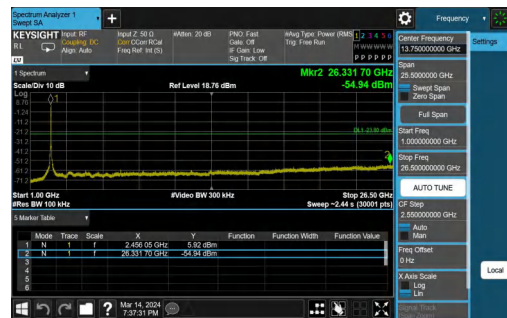
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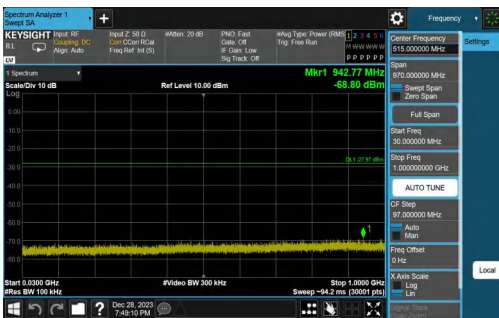
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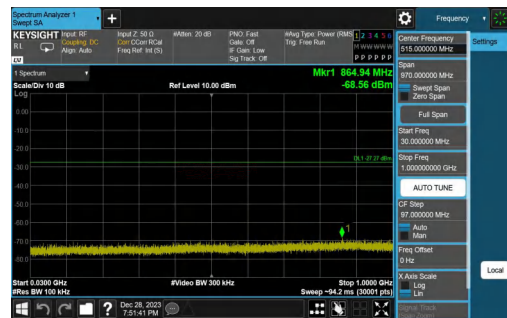
11N40MIMO-Ant1-2422-30~1000-PASS



11N40MIMO-Ant2-2422-30~1000-PASS



11N40MIMO-Ant1-2422-1000~26500-PASS



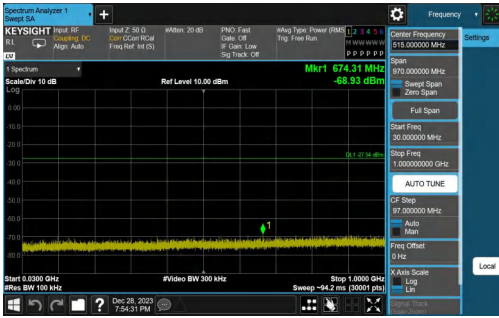
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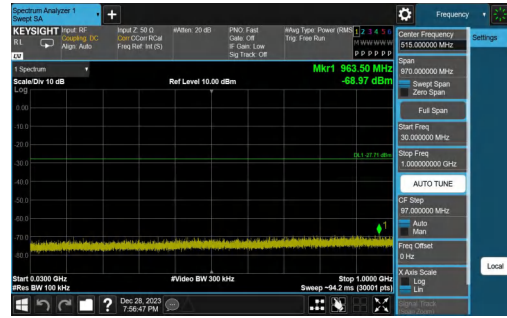
11N40MIMO-Ant1-2437-30~1000-PASS



11N40MIMO-Ant2-2437-30~1000-PASS



11N40MIMO-Ant1-2437-1000~26500-PASS



11N40MIMO-Ant2-2437-1000~26500-PASS



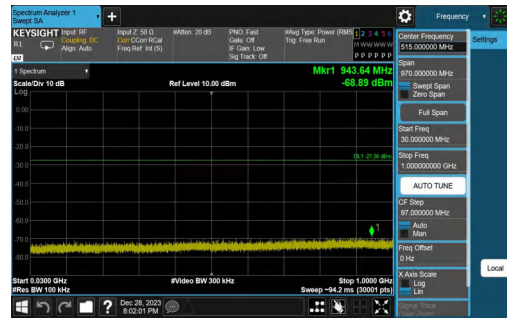
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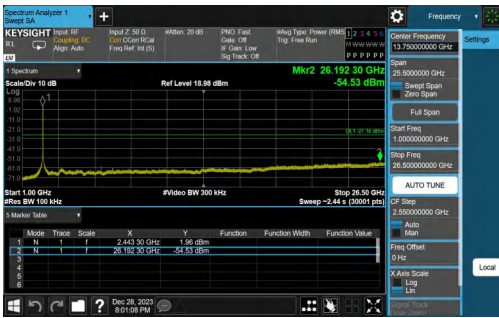
11N40MIMO-Ant2-2452-30~1000-PASS



11N40MIMO-Ant1-2452-1000~26500-PASS



11N40MIMO-Ant2-2452-1000~26500-PASS



11N40MIMO-Ant1-2452-30~1000-PASS



11N40MIMO-Ant2-2452-30~1000-PASS