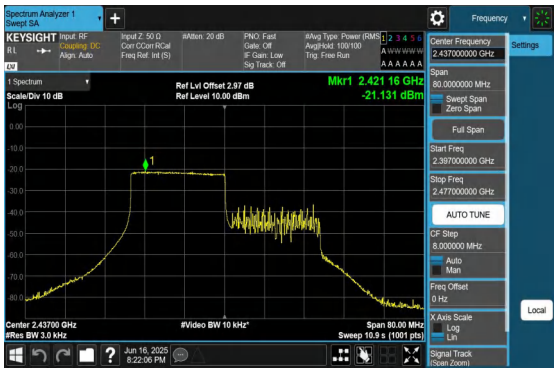
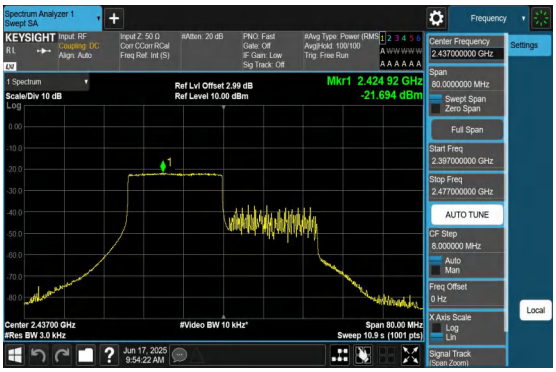
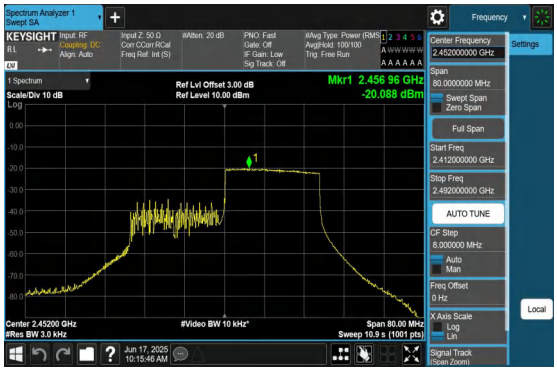
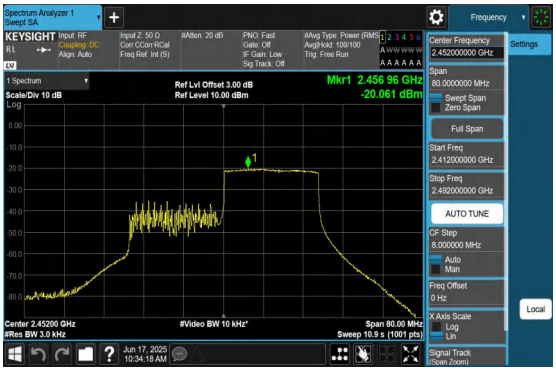


11AX40MIMO-Ant1-2452-242Tone-RU62-PASS



11AX40MIMO-Ant2-2452-242Tone-RU62-PASS





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

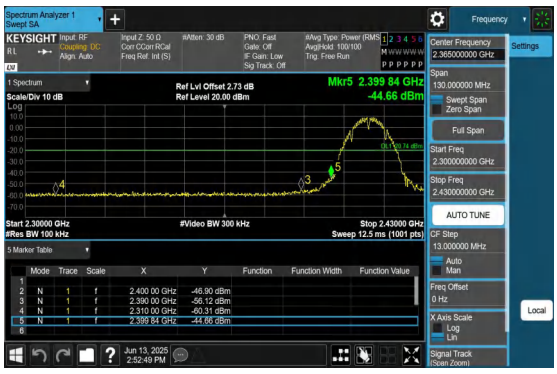
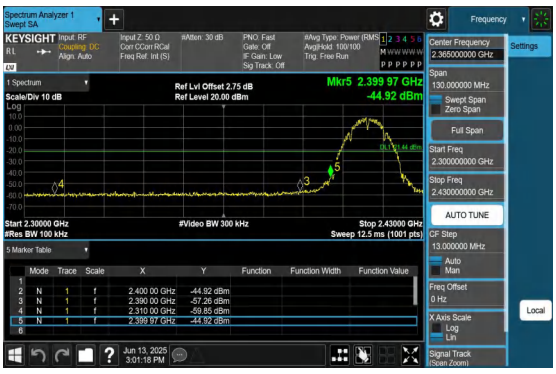
Test Mode	Antenna	Frequency[MHz]	Freq Range[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B-CDD	Ant1	2412	30~1000	9.26	-68.89	≤-20.74	PASS
11B-CDD	Ant2	2412	30~1000	8.56	-68.68	≤-21.44	PASS
11B-CDD	Ant1	2412	1000~26500	9.26	-55.32	≤-20.74	PASS
11B-CDD	Ant2	2412	1000~26500	8.56	-55.02	≤-21.44	PASS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

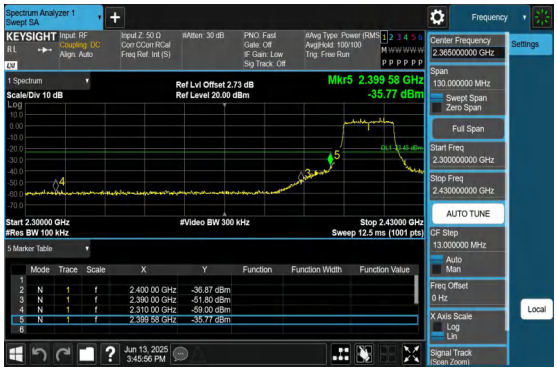
Band Edges

11B-CDD-Ant1-2412-PASS	11B-CDD-Ant2-2412-PASS
	

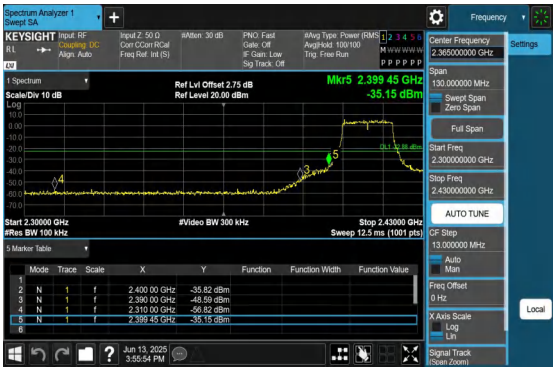
11B-CDD-Ant1-2462-PASS

11B-CDD-Ant2-2462-PASS

11G-CDD-Ant1-2412-PASS



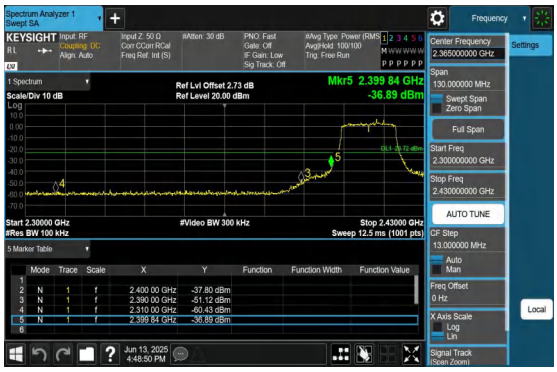
11G-CDD-Ant2-2412-PASS



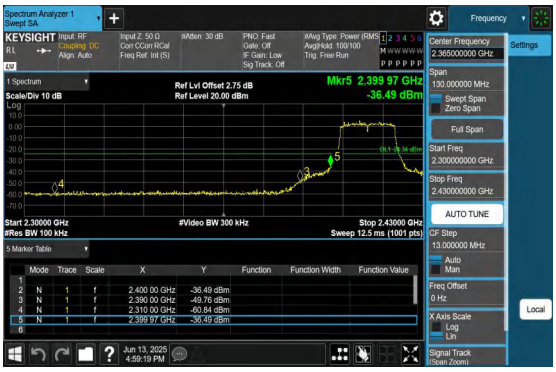
11G-CDD-Ant1-2462-PASS

11G-CDD-Ant2-2462-PASS

11N20MIMO-Ant1-2412-PASS



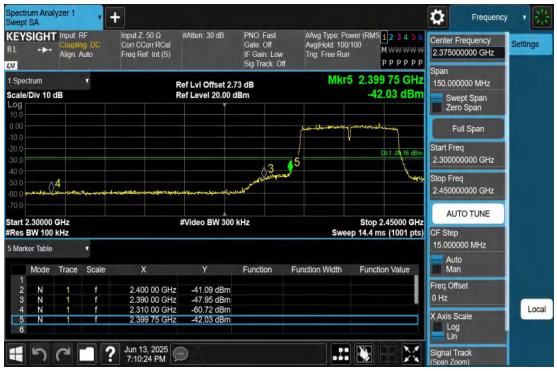
11N20MIMO-Ant2-2412-PASS



11N20MIMO-Ant1-2462-PASS

11N20MIMO-Ant2-2462-PASS

11N40MIMO-Ant1-2422-PASS

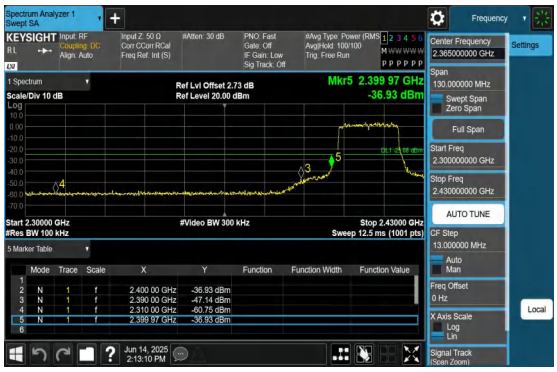


11N40MIMO-Ant2-2422-PASS

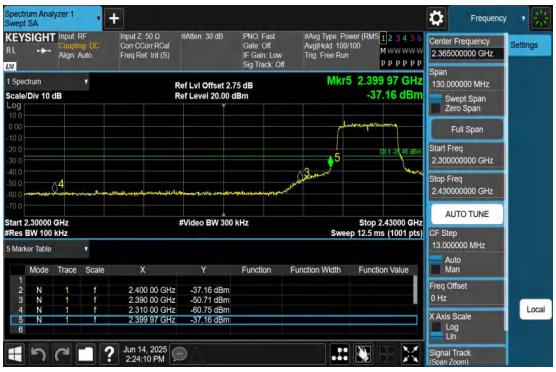
11N40MIMO-Ant1-2452-PASS

11N40MIMO-Ant2-2452-PASS

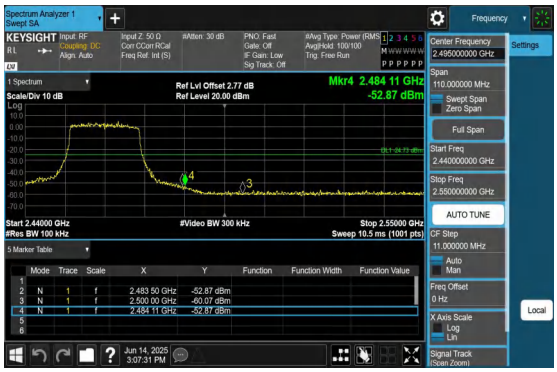
11AX20MIMO-Ant1-2412-PASS



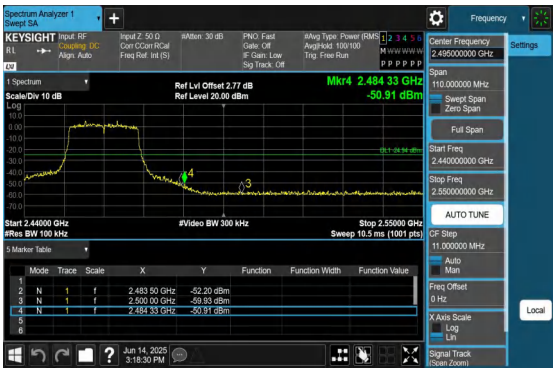
11AX20MIMO-Ant2-2412-PASS



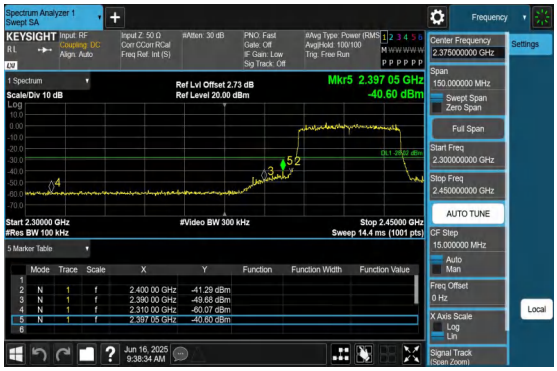
11AX20MIMO-Ant1-2462-PASS



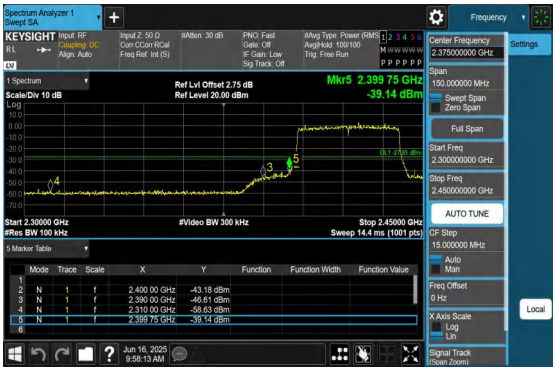
11AX20MIMO-Ant2-2462-PASS



11AX40MIMO-Ant1-2422-PASS



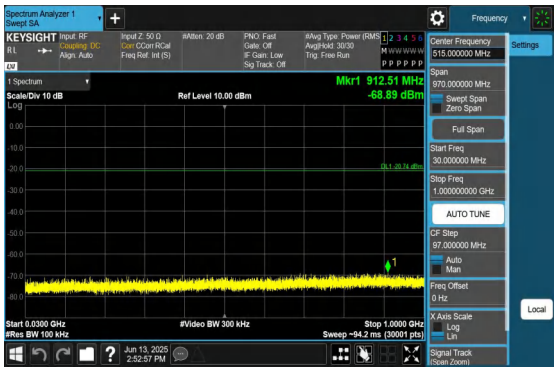
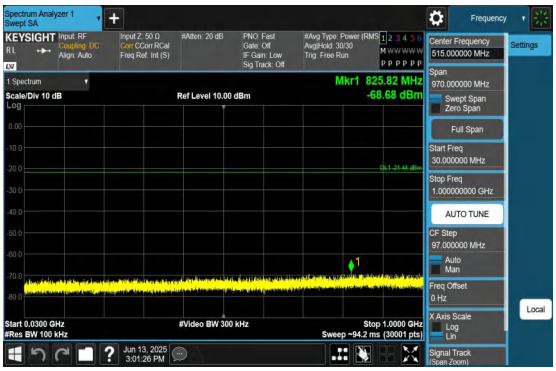
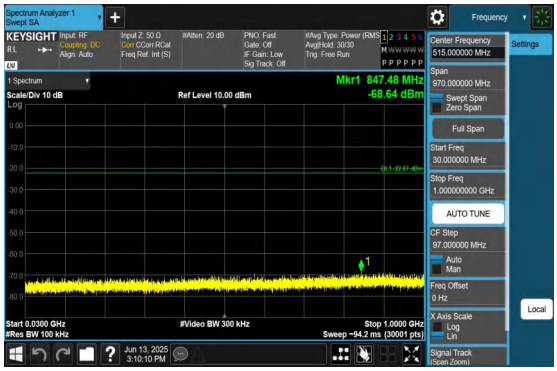
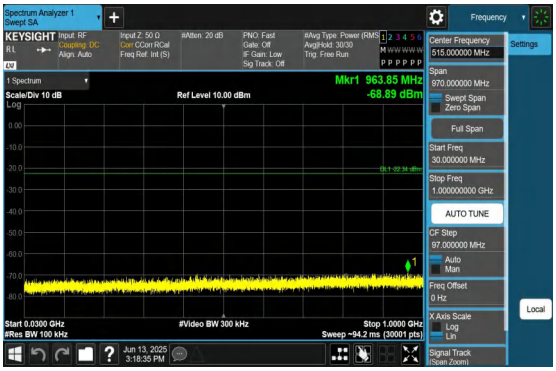
11AX40MIMO-Ant2-2422-PASS

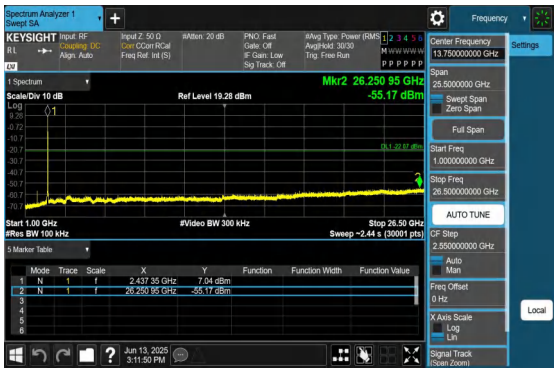


11AX40MIMO-Ant1-2452-PASS

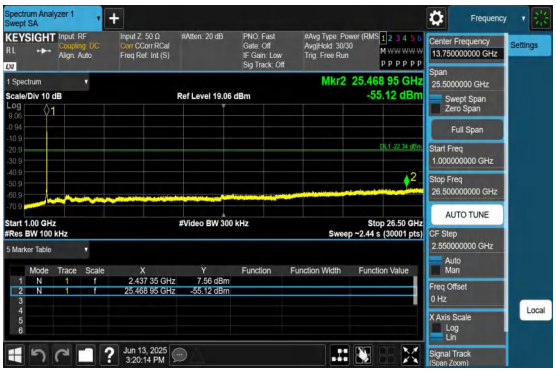
11AX40MIMO-Ant2-2452-PASS

Spurious Emission

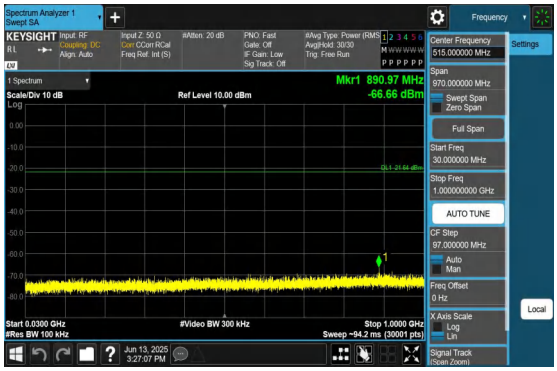
11B-CDD-Ant1-2412-30~1000-PASS	11B-CDD-Ant2-2412-30~1000-PASS
	
11B-CDD-Ant1-2412-1000~26500-PASS	11B-CDD-Ant2-2412-1000~26500-PASS
11B-CDD-Ant1-2437-30~1000-PASS	11B-CDD-Ant2-2437-30~1000-PASS
	
11B-CDD-Ant1-2437-1000~26500-PASS	11B-CDD-Ant2-2437-1000~26500-PASS



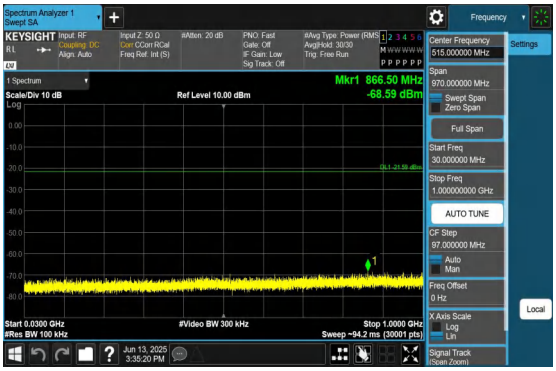
11B-CDD-Ant1-2462-30~1000-PASS



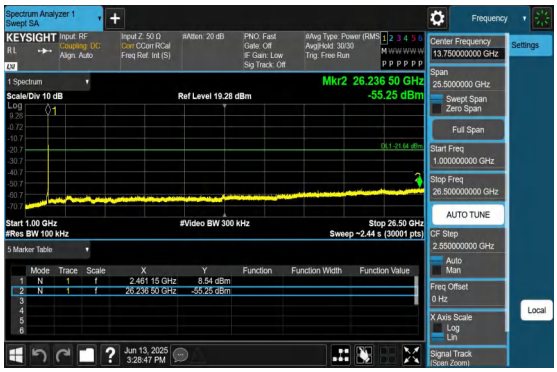
11B-CDD-Ant2-2462-30~1000-PASS



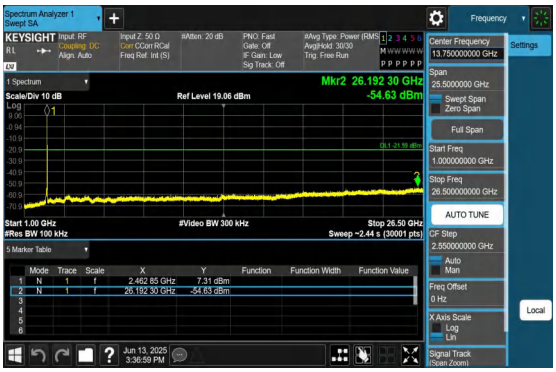
11B-CDD-Ant1-2462-1000~26500-PASS



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



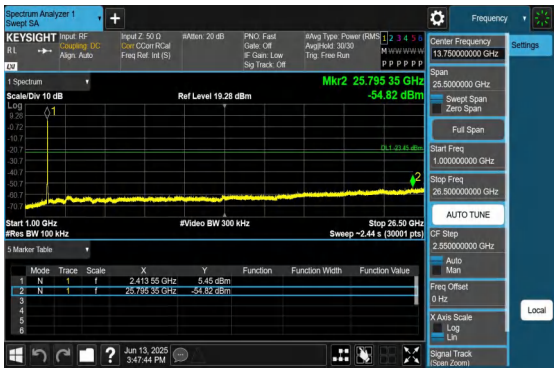
11G-CDD-Ant1-2412-30~1000-PASS



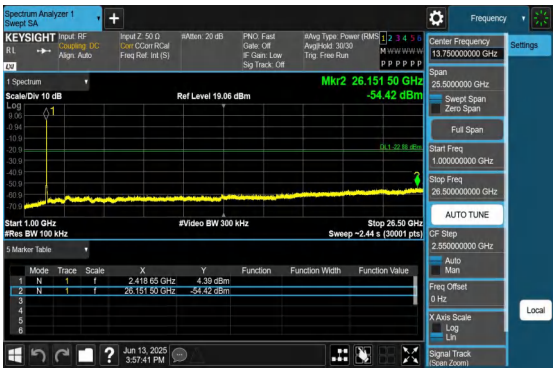
11G-CDD-Ant2-2412-30~1000-PASS

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

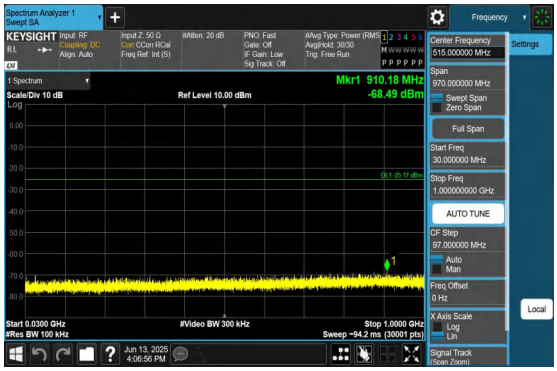
11G-CDD-Ant2-2412-1000~26500-PASS



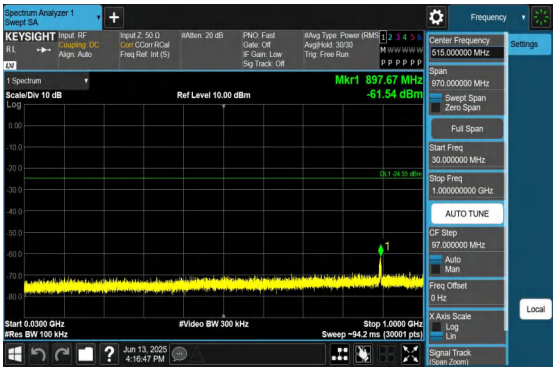
11G-CDD-Ant1-2437-30~1000-PASS



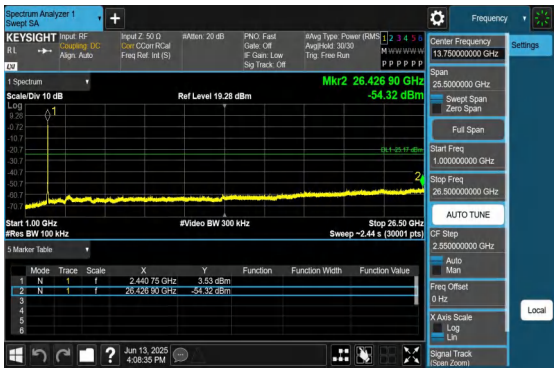
11G-CDD-Ant2-2437-30~1000-PASS



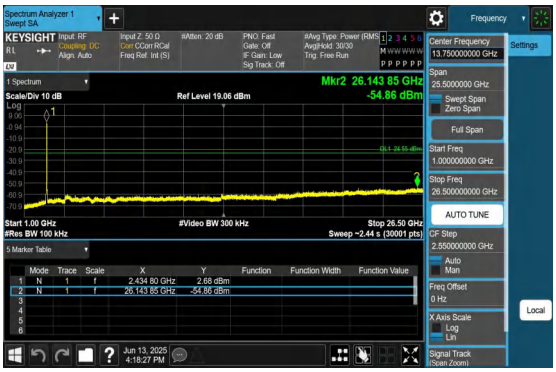
11G-CDD-Ant1-2437-1000~26500-PASS



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

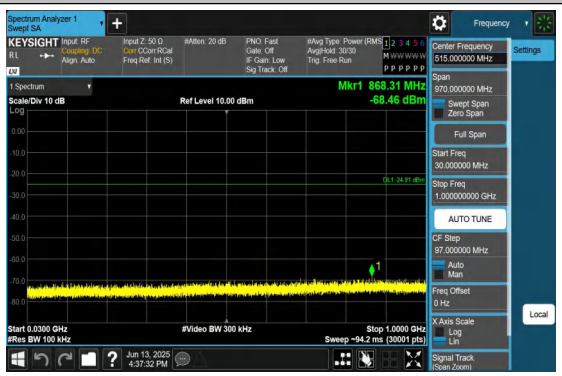


11G-CDD-Ant1-2462-30~1000-PASS

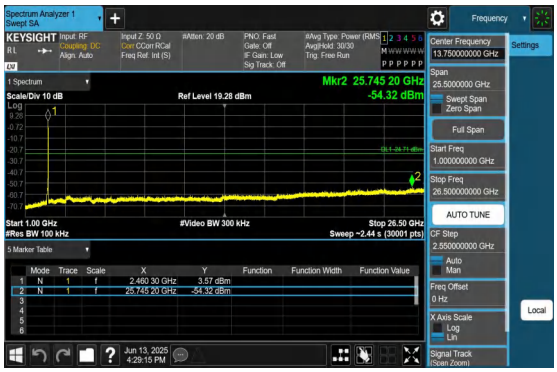


11G-CDD-Ant2-2462-30~1000-PASS

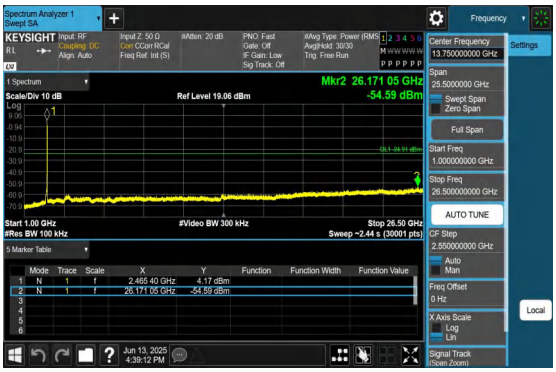
11G-CDD-Ant1-2462-1000~26500-PASS



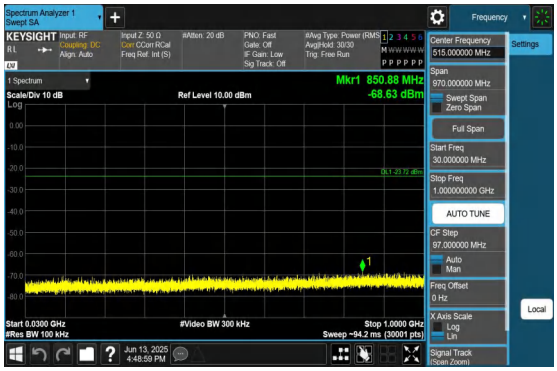
11G-CDD-Ant2-2462-1000~26500-PASS



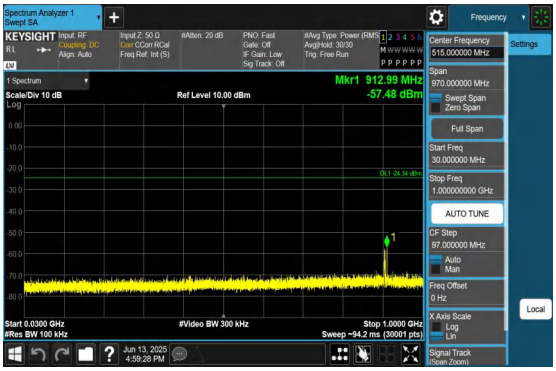
11N20MIMO-Ant1-2412-30~1000-PASS



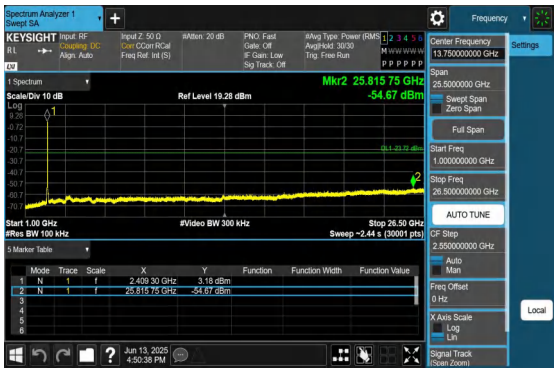
11N20MIMO-Ant2-2412-30~1000-PASS



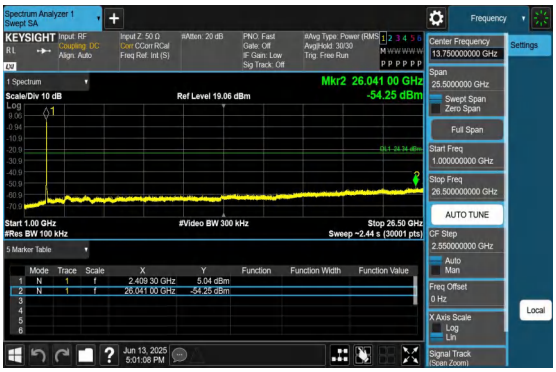
11N20MIMO-Ant1-2412-1000~26500-PASS



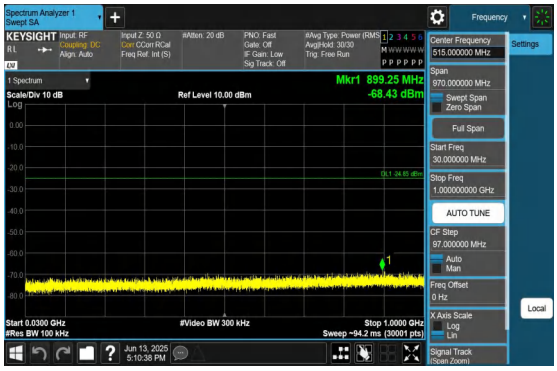
11N20MIMO-Ant2-2412-1000~26500-PASS



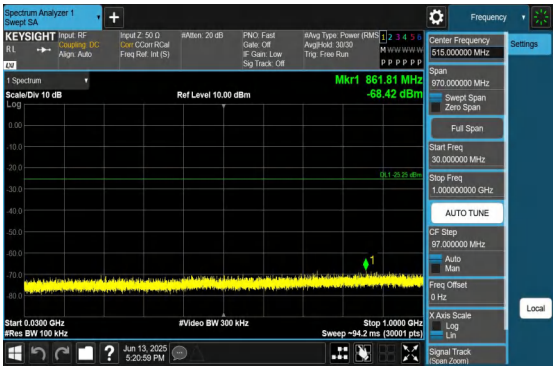
11N20MIMO-Ant1-2437-30~1000-PASS



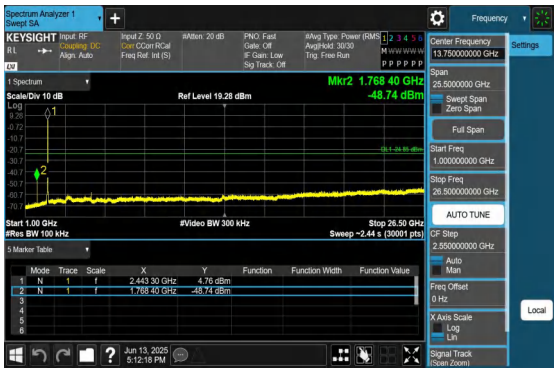
11N20MIMO-Ant2-2437-30~1000-PASS



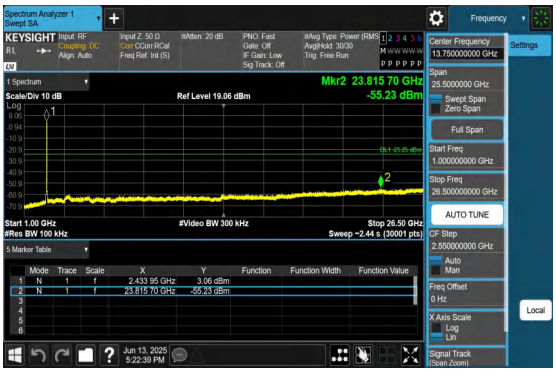
11N20MIMO-Ant1-2437-1000~26500-PASS



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



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



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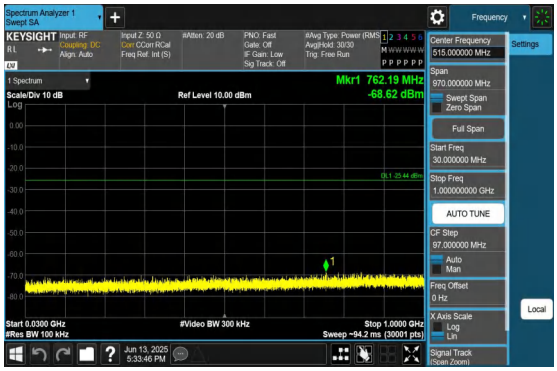
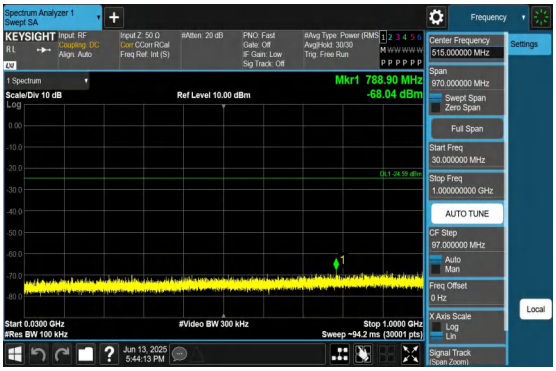


11N20MIMO-Ant1-2462-1000~26500-PASS



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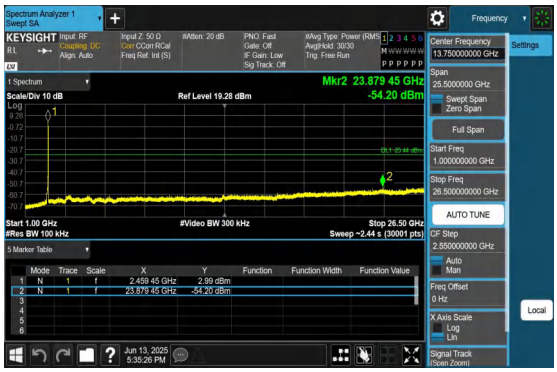
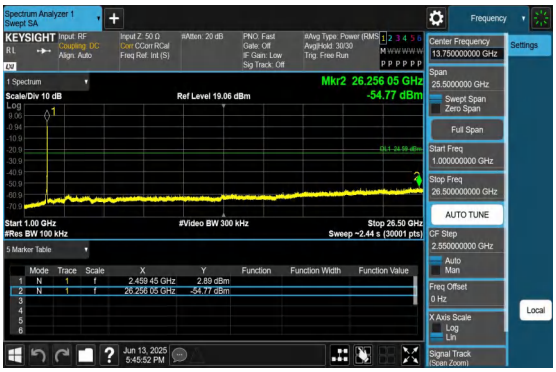


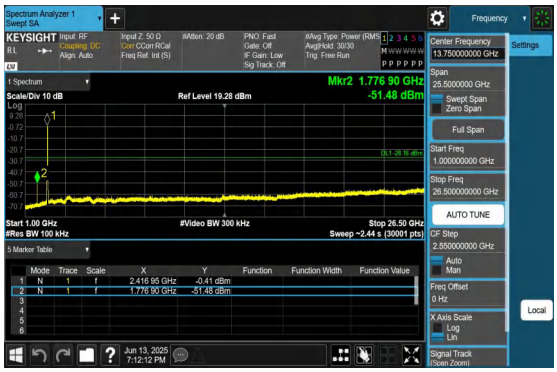
11N40MIMO-Ant1-2422-30~1000-PASS



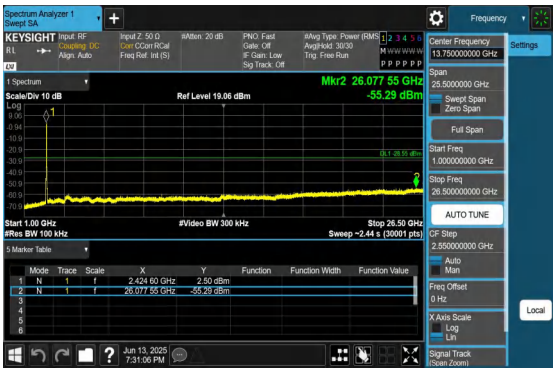
11N40MIMO-Ant2-2422-30~1000-PASS

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

11N40MIMO-Ant2-2422-1000~26500-PASS



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



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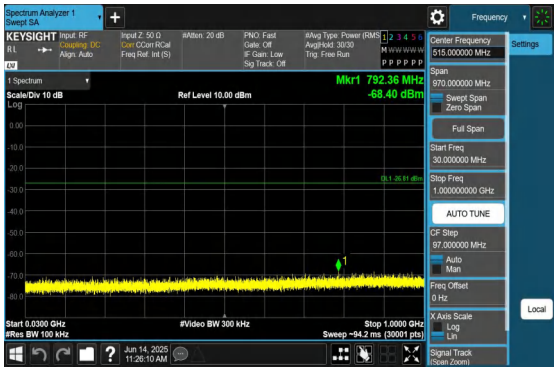
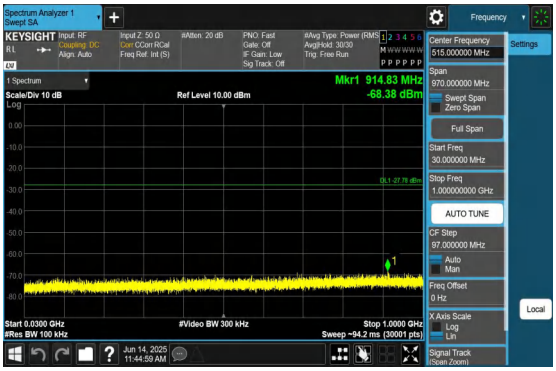


11N40MIMO-Ant1-2437-1000~26500-PASS



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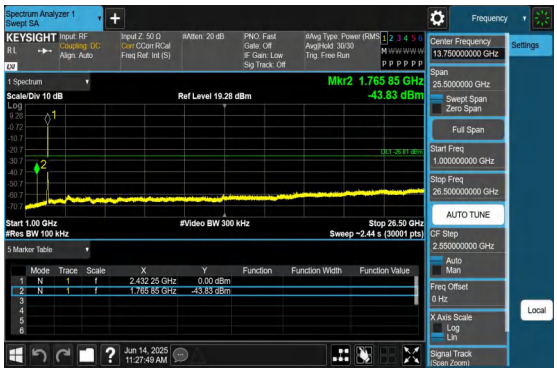
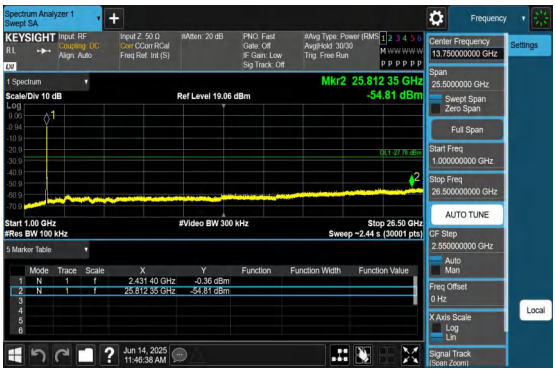


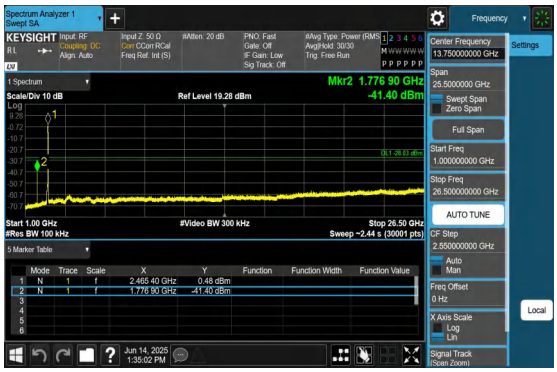
11N40MIMO-Ant1-2452-30~1000-PASS



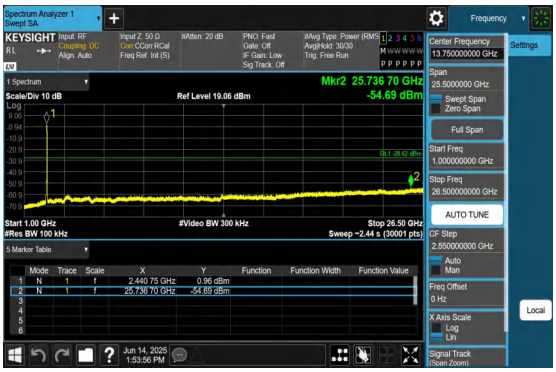
11N40MIMO-Ant2-2452-30~1000-PASS

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

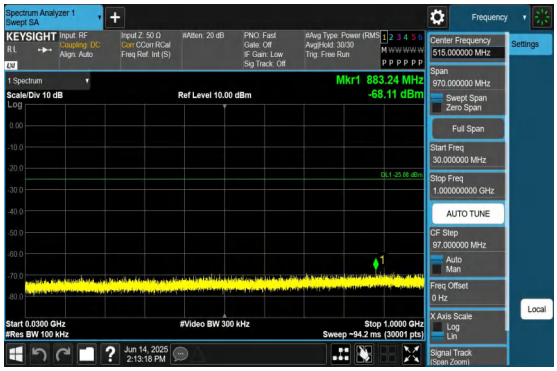
11N40MIMO-Ant2-2452-1000~26500-PASS



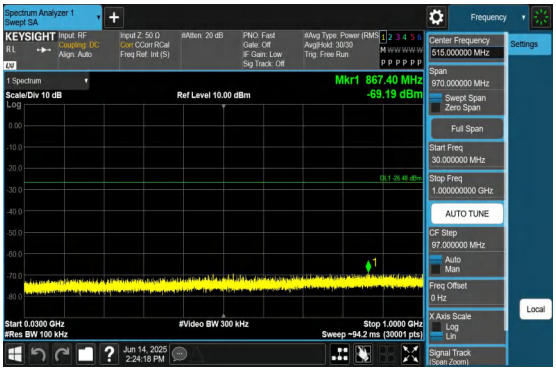
11AX20MIMO-Ant1-2412-30~1000-PASS



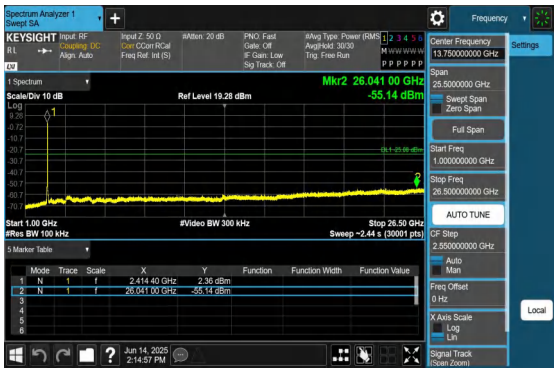
11AX20MIMO-Ant2-2412-30~1000-PASS



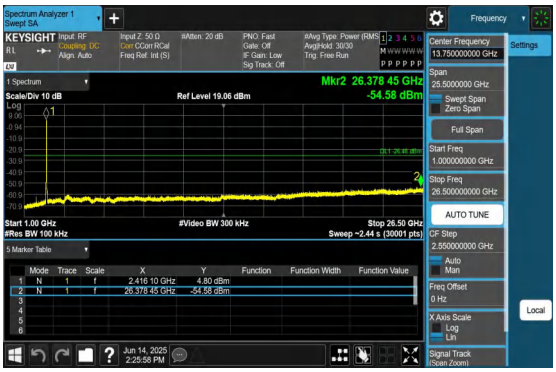
11AX20MIMO-Ant1-2412-1000~26500-PASS



11AX20MIMO-Ant2-2412-1000~26500-PASS



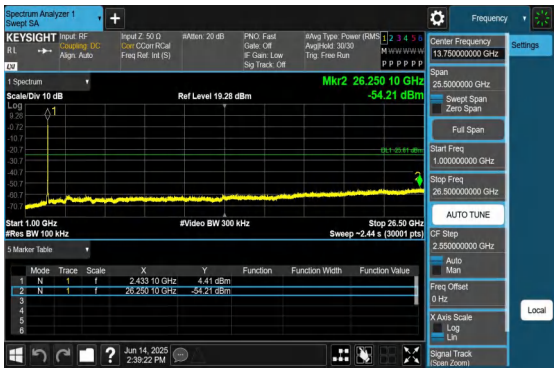
11AX20MIMO-Ant1-2437-30~1000-PASS



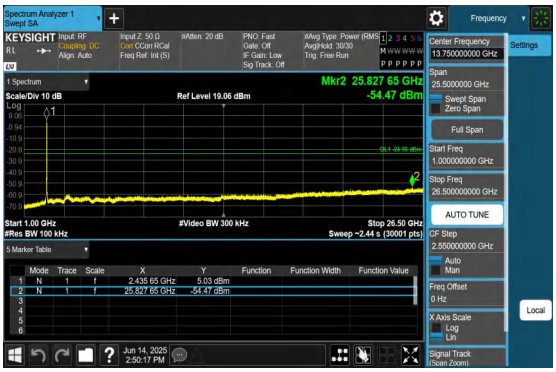
11AX20MIMO-Ant2-2437-30~1000-PASS

11AX20MIMO-Ant1-2437-1000~26500-PASS

11AX20MIMO-Ant2-2437-1000~26500-PASS



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



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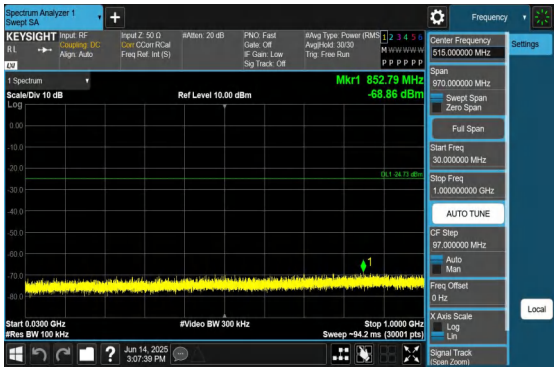

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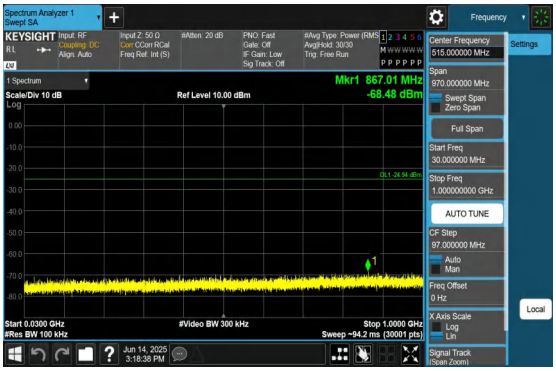

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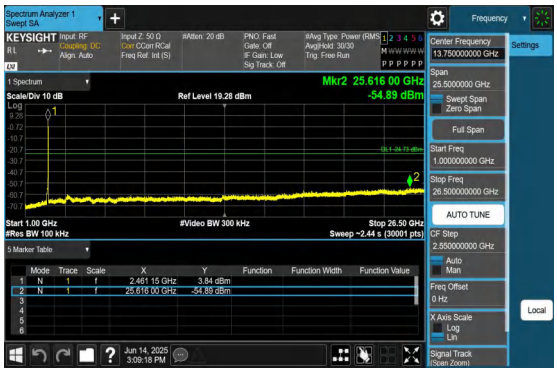
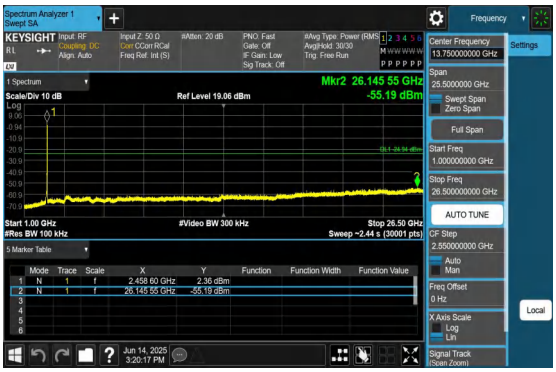


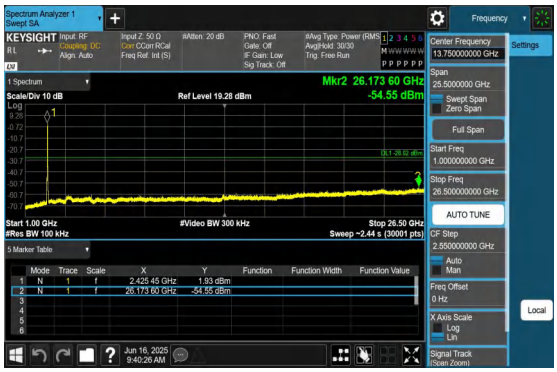
11AX40MIMO-Ant1-2422-30~1000-PASS



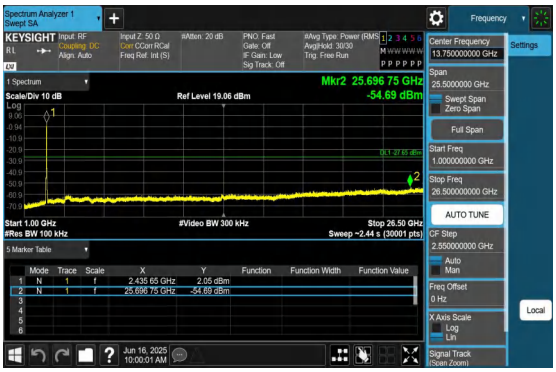
11AX40MIMO-Ant2-2422-30~1000-PASS

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

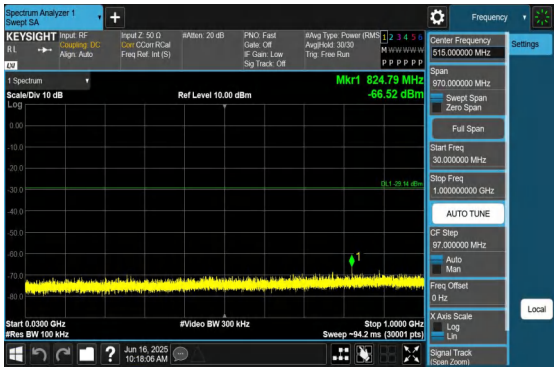
11AX40MIMO-Ant2-2422-1000~26500-PASS



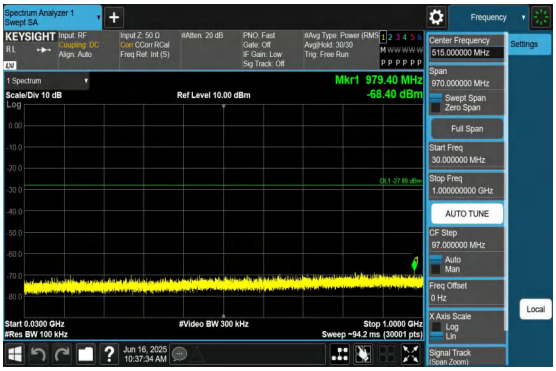
11AX40MIMO-Ant1-2437-30~1000-PASS



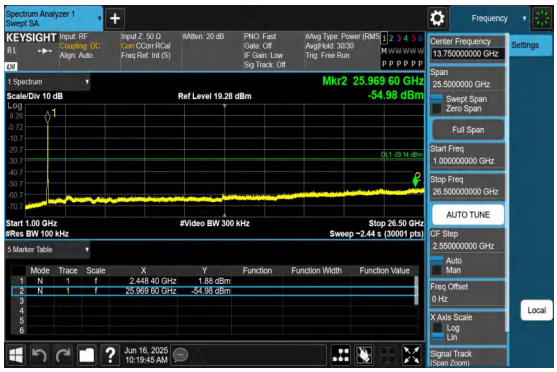
11AX40MIMO-Ant2-2437-30~1000-PASS



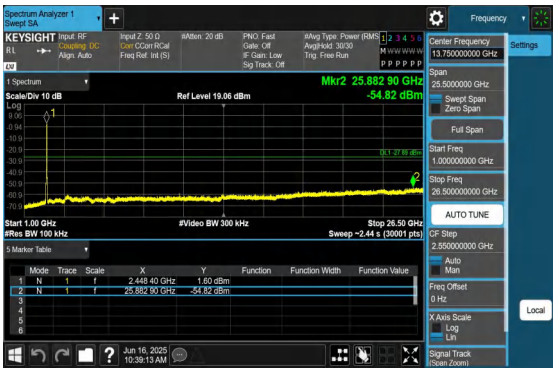
11AX40MIMO-Ant1-2437-1000~26500-PASS



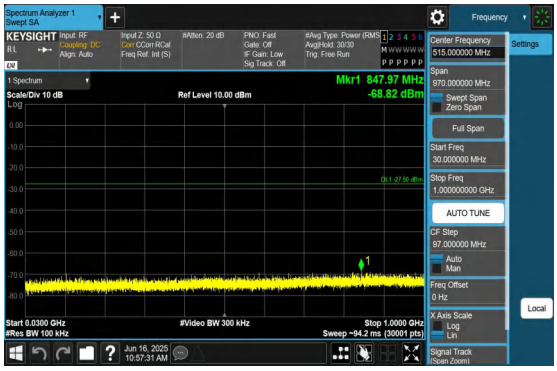
11AX40MIMO-Ant2-2437-1000~26500-PASS



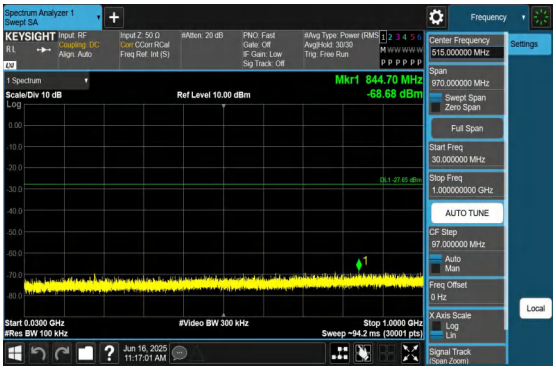
11AX40MIMO-Ant1-2452-30~1000-PASS



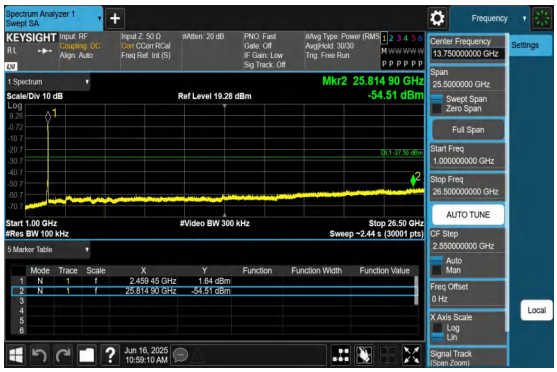
11AX40MIMO-Ant2-2452-30~1000-PASS

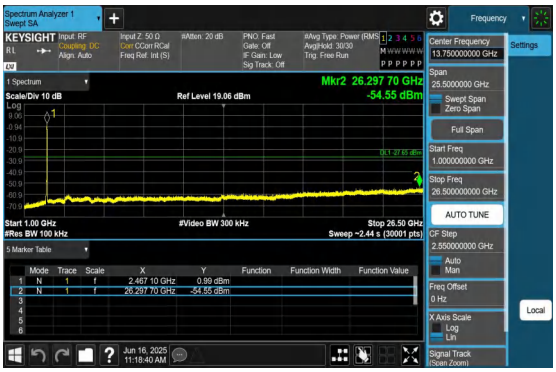


11AX40MIMO-Ant1-2452-1000~26500-PASS



11AX40MIMO-Ant2-2452-1000~26500-PASS


Spectrum Analyzer 1
Swept SA
KEYSIGHT
Center Frequency
13.750000000 GHz
Span
25.5000000 GHz
Swept Span
Zero Span
Full Span
Start Freq
1.000000000 GHz
Stop Freq
26.500000000 GHz
AUTO TUNE
CF Step
2.550000000 GHz
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
Settings
Local
Mkr2 25.814 90 GHz
-54.51 dBm
Scale/Div 10 dB
Ref Level 19.28 dBm
Start 1.00 GHz
#Res BW 100 kHz
#Video BW 300 kHz
Stop 26.50 GHz
Sweep ~2.44 s (30001 pts)
5 Marker Table
Mode Trace Scale X Y Function Function Width Function Value
1 N 1 f 2.459 45 GHz 1.64 dBm
2 N 1 f 25.814 90 GHz -54.51 dBm
Jun 16, 2025
10:59:10 AM


Spectrum Analyzer 1
Swept SA
KEYSIGHT
Center Frequency
13.750000000 GHz
Span
25.5000000 GHz
Swept Span
Zero Span
Full Span
Start Freq
1.000000000 GHz
Stop Freq
26.500000000 GHz
AUTO TUNE
CF Step
2.550000000 GHz
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
Settings
Local
Mkr2 26.297 70 GHz
-54.55 dBm
Scale/Div 10 dB
Ref Level 19.06 dBm
Start 1.00 GHz
#Res BW 100 kHz
#Video BW 300 kHz
Stop 26.50 GHz
Sweep ~2.44 s (30001 pts)
5 Marker Table
Mode Trace Scale X Y Function Function Width Function Value
1 N 1 f 2.467 10 GHz 0.89 dBm
2 N 1 f 26.297 70 GHz -54.55 dBm
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11:18:40 AM