

TEST REPORT



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11N20MIMO-Ant1-2412-PASS

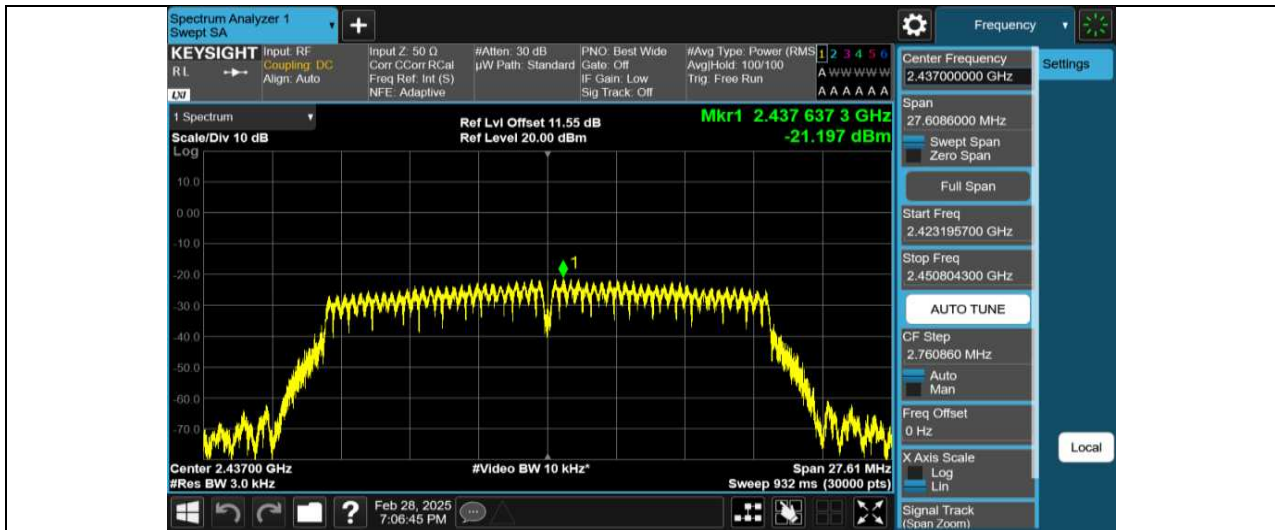


11N20MIMO-Ant2-2412-PASS

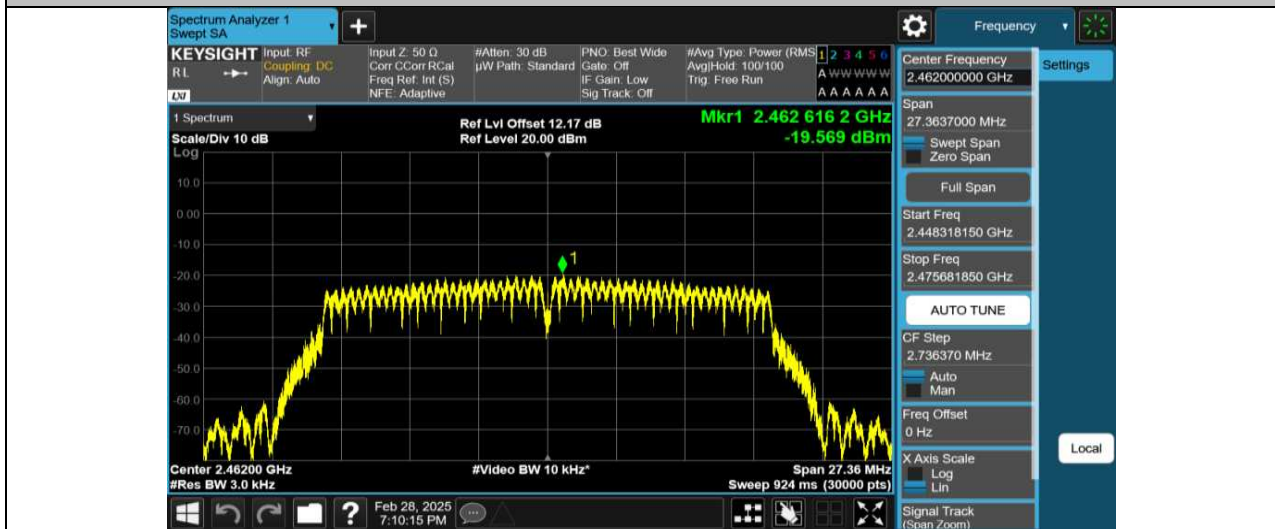


11N20MIMO-Ant1-2437-PASS

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11N20MIMO-Ant2-2437-PASS



11N20MIMO-Ant1-2462-PASS

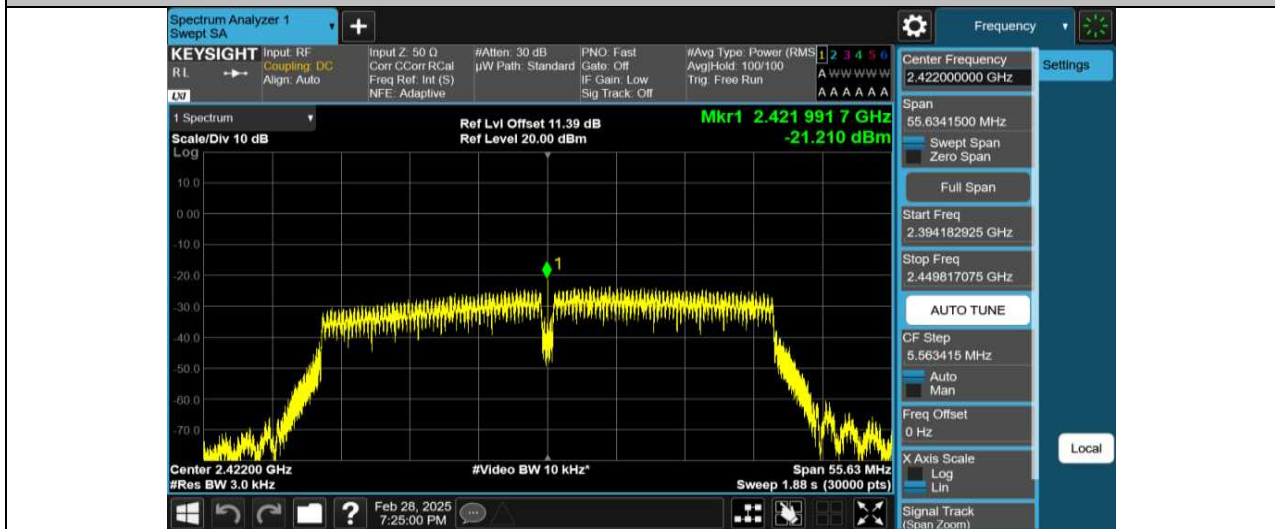


11N20MIMO-Ant2-2462-PASS

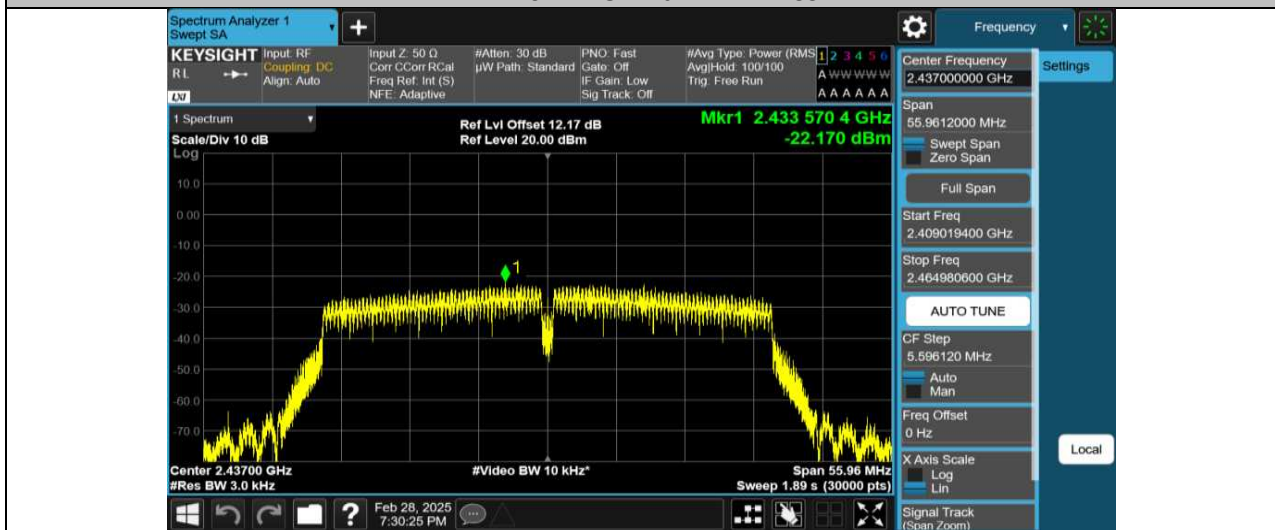
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11N40MIMO-Ant1-2422-PASS

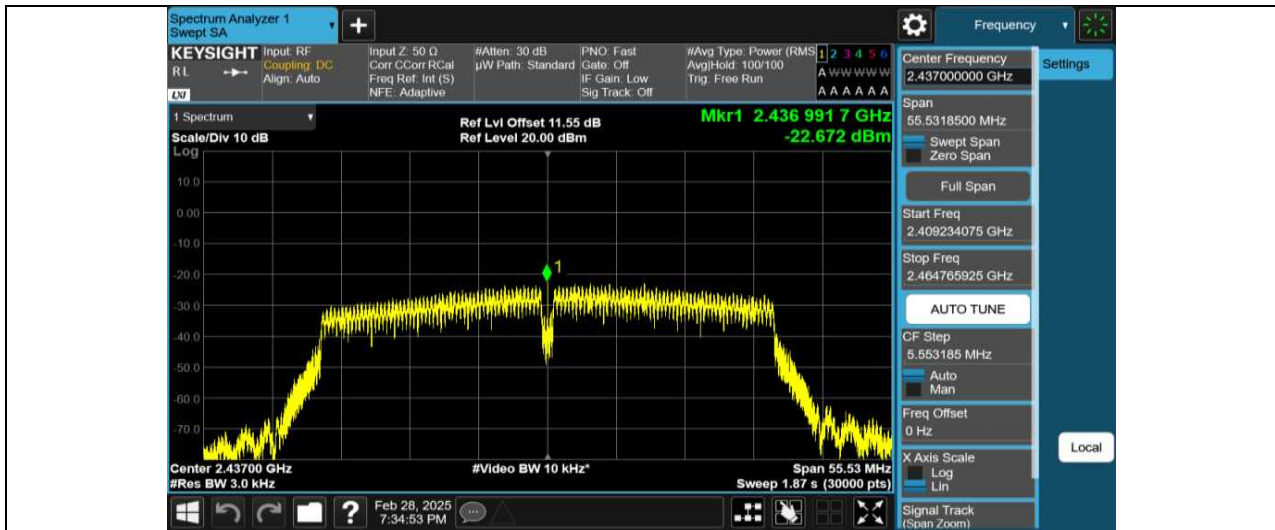


11N40MIMO-Ant2-2422-PASS

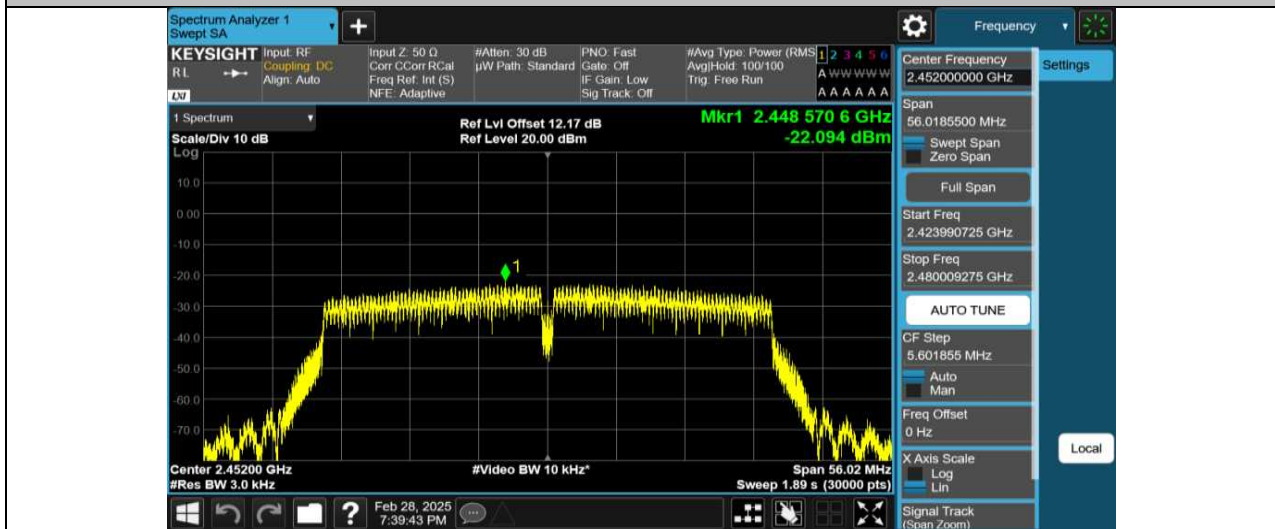


11N40MIMO-Ant1-2437-PASS

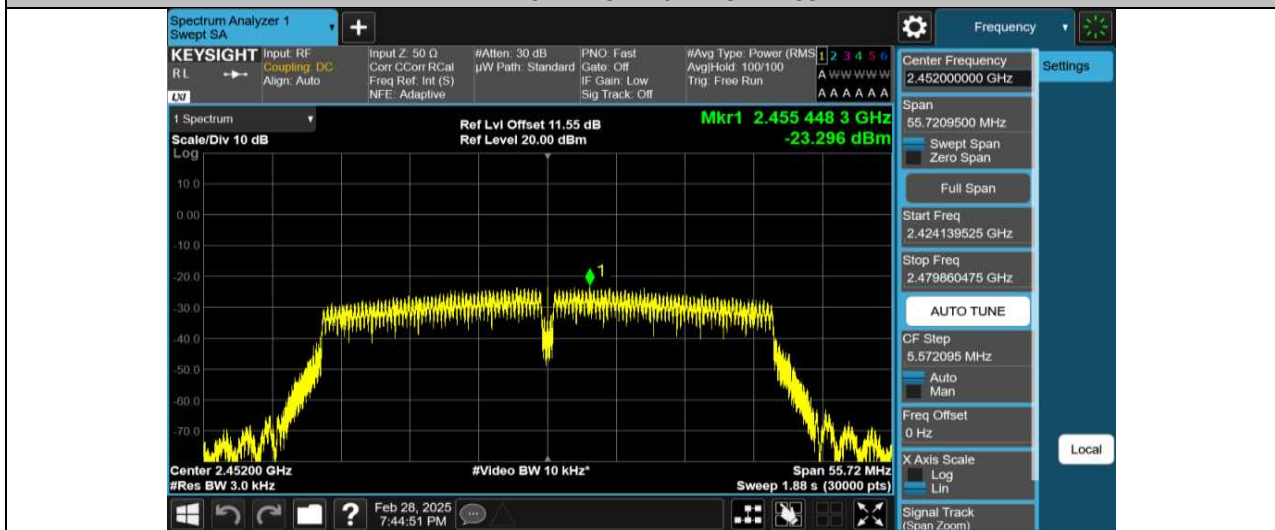
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11N40MIMO-Ant2-2437-PASS



11N40MIMO-Ant1-2452-PASS



11N40MIMO-Ant2-2452-PASS

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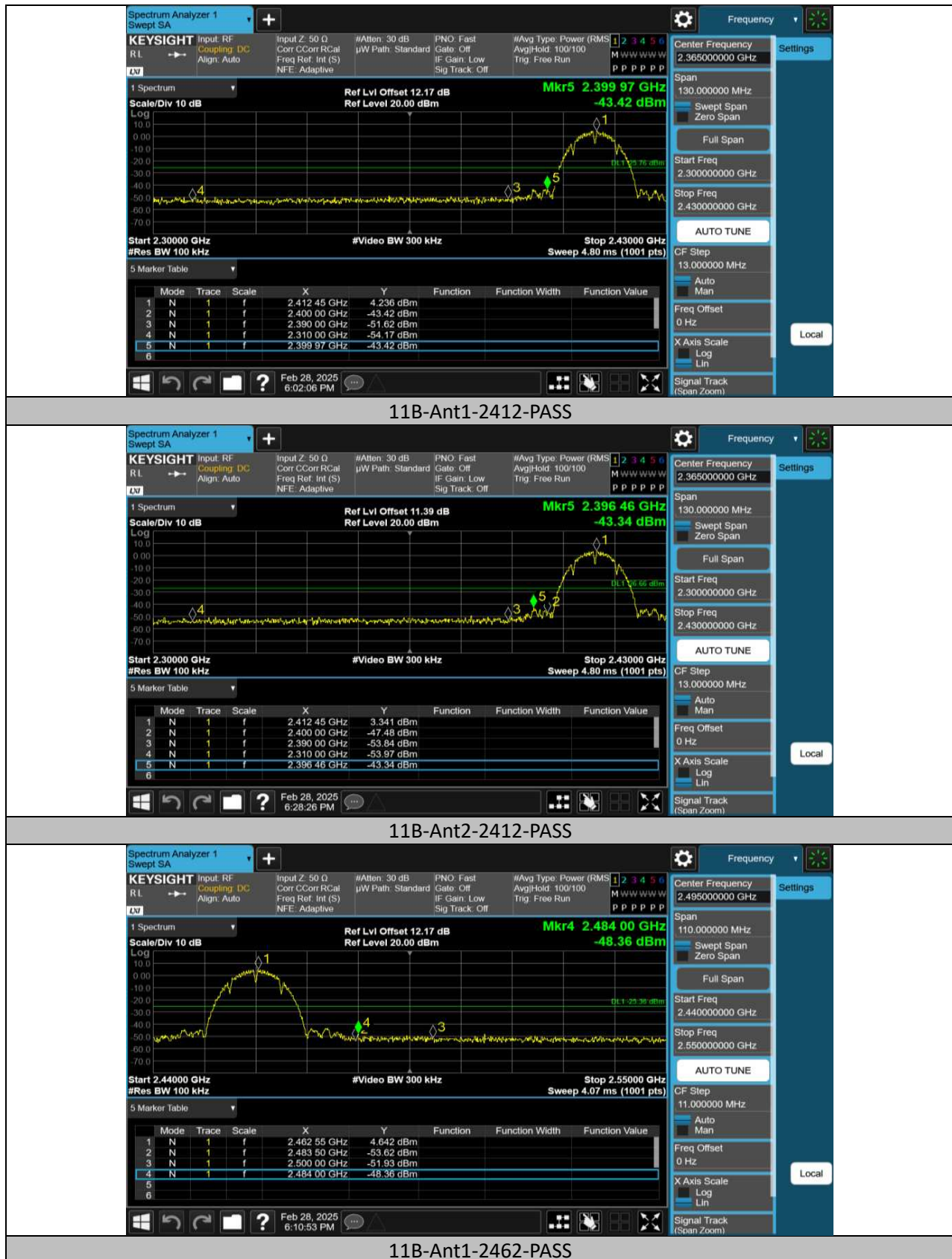
Band Edge Measurements

Test Result

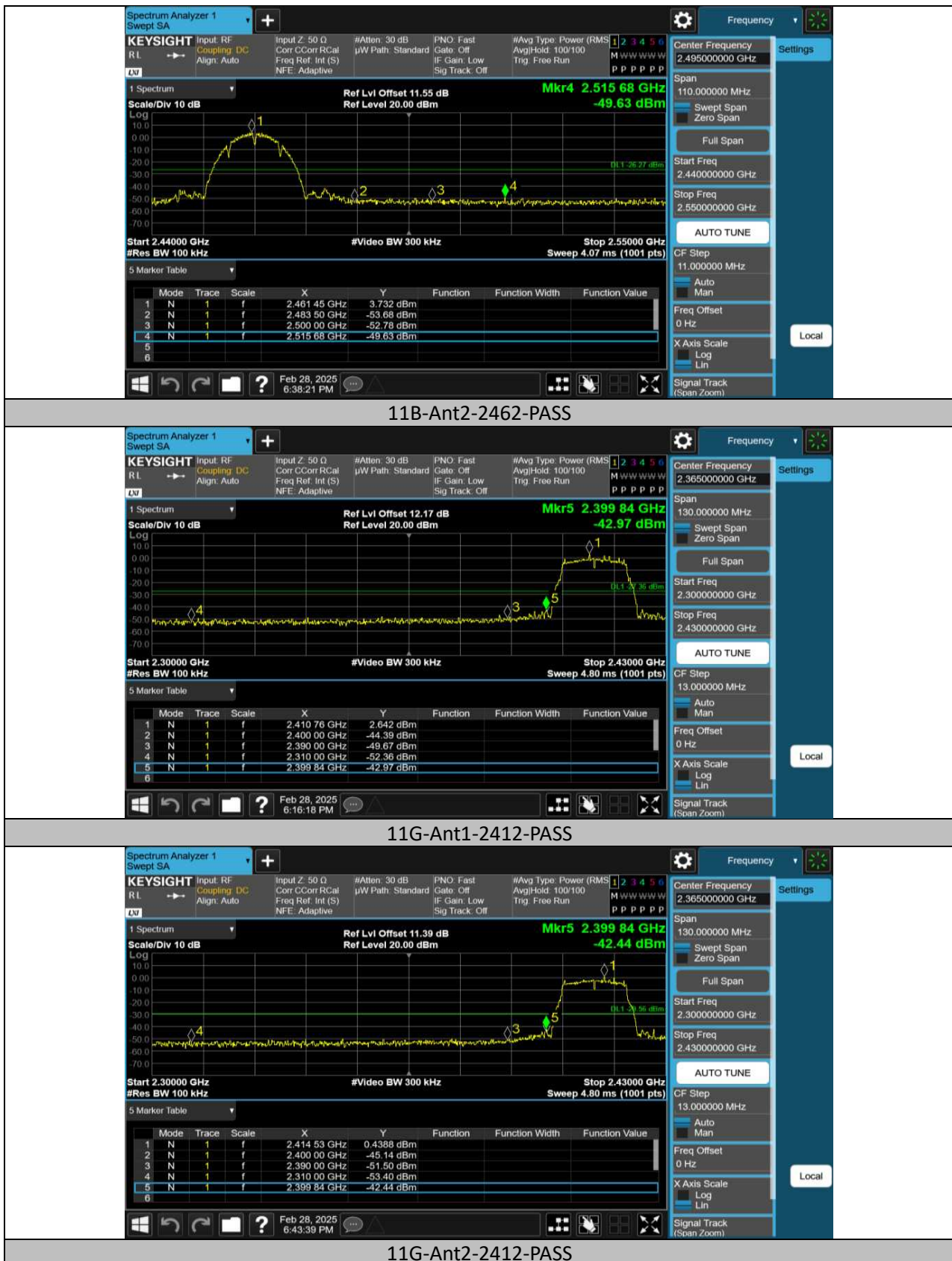
Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	4.24	-43.42	≤-25.76	PASS
11B	Ant2	Low	2412	3.34	-43.34	≤-26.66	PASS
11B	Ant1	High	2462	4.64	-48.36	≤-25.36	PASS
11B	Ant2	High	2462	3.73	-49.63	≤-26.27	PASS
11G	Ant1	Low	2412	2.64	-42.97	≤-27.36	PASS
11G	Ant2	Low	2412	0.44	-42.44	≤-29.56	PASS
11G	Ant1	High	2462	1.54	-48.58	≤-28.46	PASS
11G	Ant2	High	2462	1.72	-48.31	≤-28.28	PASS
11N20MIMO	Ant1	Low	2412	1.61	-43.84	≤-28.39	PASS
11N20MIMO	Ant2	Low	2412	0.15	-42.31	≤-29.85	PASS
11N20MIMO	Ant1	High	2462	1.59	-47.73	≤-28.42	PASS
11N20MIMO	Ant2	High	2462	1.18	-49.37	≤-28.82	PASS
11N40MIMO	Ant1	Low	2422	-1.40	-41.2	≤-31.4	PASS
11N40MIMO	Ant2	Low	2422	-1.78	-44.87	≤-31.78	PASS
11N40MIMO	Ant1	High	2452	-1.56	-47.00	≤-31.56	PASS
11N40MIMO	Ant2	High	2452	-1.92	-47.76	≤-31.92	PASS

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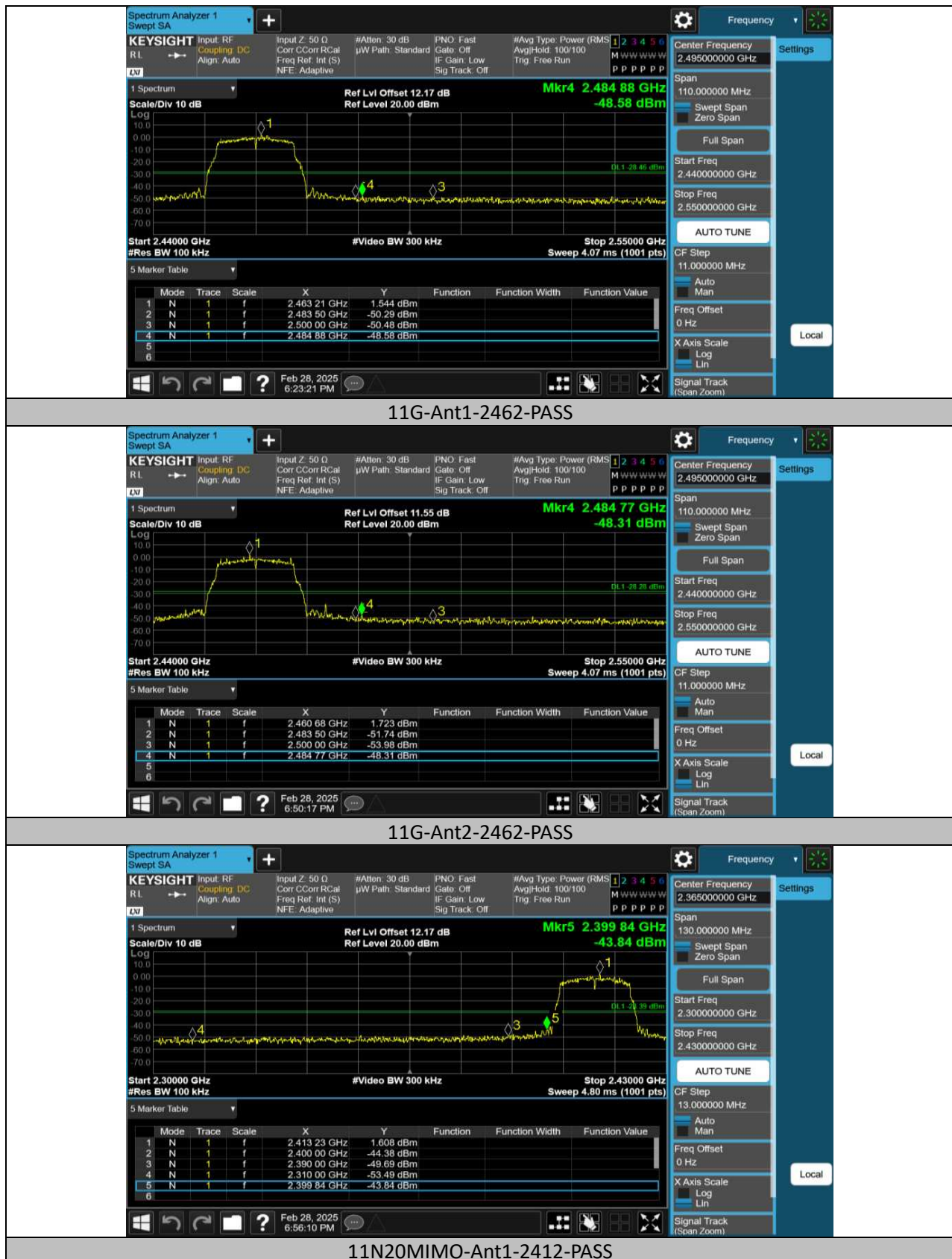
Test Graphs



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11N20MIMO-Ant2-2412-PASS



11N20MIMO-Ant1-2462-PASS



11N20MIMO-Ant2-2462-PASS

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11N40MIMO-Ant1-2422-PASS

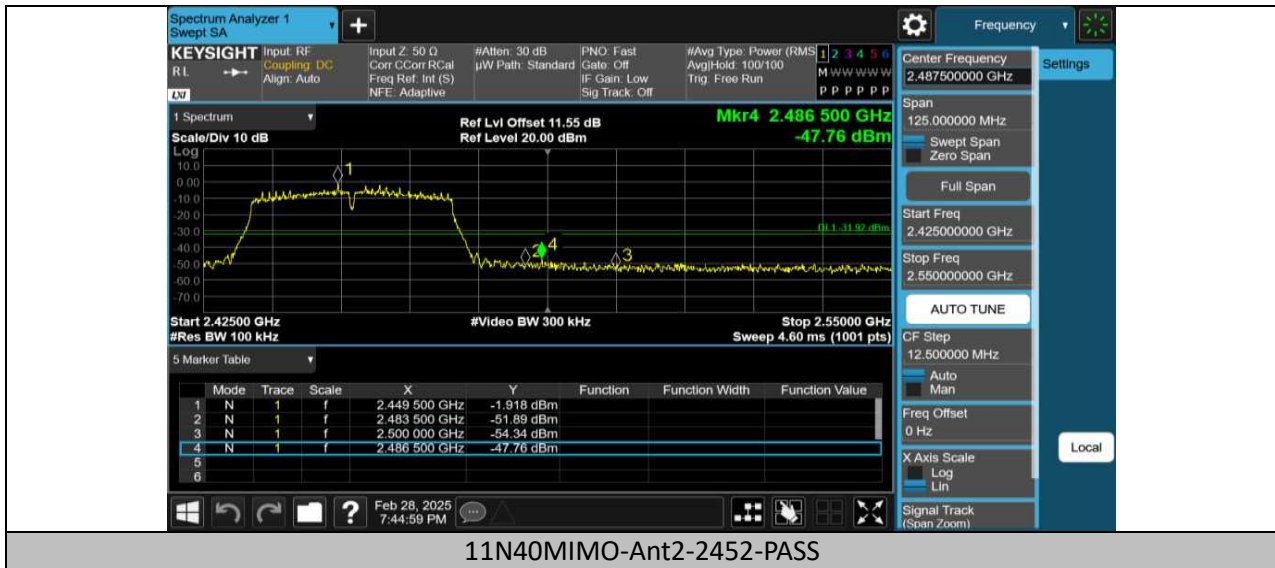


11N40MIMO-Ant2-2422-PASS



11N40MIMO-Ant1-2452-PASS

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11N40MIMO-Ant2-2452-PASS

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Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency [MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	4.12	4.12	---	PASS
11B	Ant2	2412	0~Reference	2.64	2.64	---	PASS
11B	Ant1	2412	30~1000	4.12	-61.4	≤-25.88	PASS
11B	Ant2	2412	30~1000	2.64	-62.86	≤-27.36	PASS
11B	Ant1	2412	1000~26500	4.12	-49.47	≤-25.88	PASS
11B	Ant2	2412	1000~26500	2.64	-38.5	≤-27.36	PASS
11B	Ant1	2437	0~Reference	3.90	3.90	---	PASS
11B	Ant2	2437	0~Reference	2.80	2.80	---	PASS
11B	Ant1	2437	30~1000	3.90	-61.51	≤-26.1	PASS
11B	Ant2	2437	30~1000	2.80	-62.01	≤-27.2	PASS
11B	Ant1	2437	1000~26500	3.90	-48.26	≤-26.1	PASS
11B	Ant2	2437	1000~26500	2.80	-43.5	≤-27.2	PASS
11B	Ant1	2462	0~Reference	4.30	4.30	---	PASS
11B	Ant2	2462	0~Reference	3.57	3.57	---	PASS
11B	Ant1	2462	30~1000	4.30	-61.47	≤-25.7	PASS
11B	Ant2	2462	30~1000	3.57	-61.89	≤-26.43	PASS
11B	Ant1	2462	1000~26500	4.30	-50.02	≤-25.7	PASS
11B	Ant2	2462	1000~26500	3.57	-47.8	≤-26.43	PASS
11G	Ant1	2412	0~Reference	-1.34	-1.34	---	PASS
11G	Ant2	2412	0~Reference	1.06	1.06	---	PASS
11G	Ant1	2412	30~1000	-1.34	-61.19	≤-31.34	PASS
11G	Ant2	2412	30~1000	1.06	-62.7	≤-28.94	PASS
11G	Ant1	2412	1000~26500	-1.34	-49.07	≤-31.34	PASS
11G	Ant2	2412	1000~26500	1.06	-48.34	≤-28.94	PASS
11G	Ant1	2437	0~Reference	-1.11	-1.11	---	PASS
11G	Ant2	2437	0~Reference	-0.72	-0.72	---	PASS
11G	Ant1	2437	30~1000	-1.11	-61.73	≤-31.11	PASS
11G	Ant2	2437	30~1000	-0.72	-61.87	≤-30.72	PASS
11G	Ant1	2437	1000~26500	-1.11	-49.78	≤-31.11	PASS
11G	Ant2	2437	1000~26500	-0.72	-48.76	≤-30.72	PASS
11G	Ant1	2462	0~Reference	-0.89	-0.89	---	PASS
11G	Ant2	2462	0~Reference	0.43	0.43	---	PASS
11G	Ant1	2462	30~1000	-0.89	-61.71	≤-30.89	PASS
11G	Ant2	2462	30~1000	0.43	-62.23	≤-29.57	PASS
11G	Ant1	2462	1000~26500	-0.89	-49.4	≤-30.89	PASS
11G	Ant2	2462	1000~26500	0.43	-50.58	≤-29.57	PASS
11N20MIMO	Ant1	2412	0~Reference	-1.52	-1.52	---	PASS
11N20MIMO	Ant2	2412	0~Reference	-2.85	-2.85	---	PASS
11N20MIMO	Ant1	2412	30~1000	-1.52	-61.72	≤-31.52	PASS
11N20MIMO	Ant2	2412	30~1000	-2.85	-62.08	≤-32.85	PASS
11N20MIMO	Ant1	2412	1000~26500	-1.52	-49.79	≤-31.52	PASS

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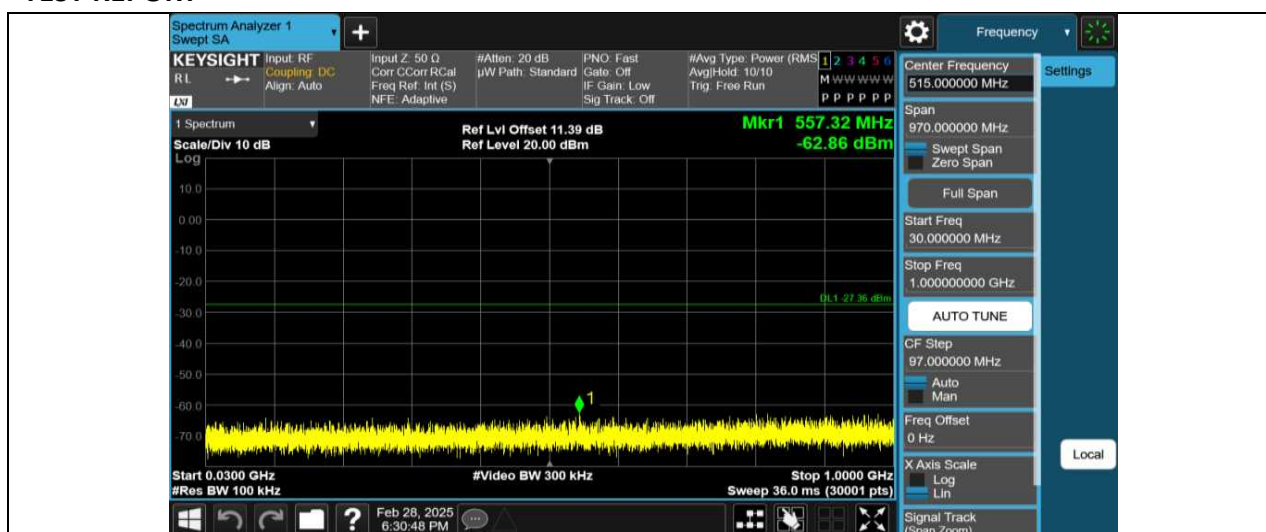
11N20MIMO	Ant2	2412	1000~26500	-2.85	-49.95	≤-32.85	PASS
11N20MIMO	Ant1	2437	0~Reference	-1.16	-1.16	---	PASS
11N20MIMO	Ant2	2437	0~Reference	-0.10	-0.10	---	PASS
11N20MIMO	Ant1	2437	30~1000	-1.16	-61.55	≤-31.16	PASS
11N20MIMO	Ant2	2437	30~1000	-0.10	-61.69	≤-30.1	PASS
11N20MIMO	Ant1	2437	1000~26500	-1.16	-50	≤-31.16	PASS
11N20MIMO	Ant2	2437	1000~26500	-0.10	-49.67	≤-30.1	PASS
11N20MIMO	Ant1	2462	0~Reference	0.43	0.43	---	PASS
11N20MIMO	Ant2	2462	0~Reference	-3.39	-3.39	---	PASS
11N20MIMO	Ant1	2462	30~1000	0.43	-61.83	≤-29.57	PASS
11N20MIMO	Ant2	2462	30~1000	-3.39	-61.63	≤-33.39	PASS
11N20MIMO	Ant1	2462	1000~26500	0.43	-49.86	≤-29.57	PASS
11N20MIMO	Ant2	2462	1000~26500	-3.39	-49.9	≤-33.39	PASS
11N40MIMO	Ant1	2422	0~Reference	-3.06	-3.06	---	PASS
11N40MIMO	Ant2	2422	0~Reference	-2.96	-2.96	---	PASS
11N40MIMO	Ant1	2422	30~1000	-3.06	-61.53	≤-33.06	PASS
11N40MIMO	Ant2	2422	30~1000	-2.96	-62.56	≤-32.96	PASS
11N40MIMO	Ant1	2422	1000~26500	-3.06	-48.85	≤-33.06	PASS
11N40MIMO	Ant2	2422	1000~26500	-2.96	-49.48	≤-32.96	PASS
11N40MIMO	Ant1	2437	0~Reference	-2.30	-2.30	---	PASS
11N40MIMO	Ant2	2437	0~Reference	-4.00	-4.00	---	PASS
11N40MIMO	Ant1	2437	30~1000	-2.30	-61.58	≤-32.3	PASS
11N40MIMO	Ant2	2437	30~1000	-4.00	-62.43	≤-34	PASS
11N40MIMO	Ant1	2437	1000~26500	-2.30	-49.43	≤-32.3	PASS
11N40MIMO	Ant2	2437	1000~26500	-4.00	-50.78	≤-34	PASS
11N40MIMO	Ant1	2452	0~Reference	-4.17	-4.17	---	PASS
11N40MIMO	Ant2	2452	0~Reference	-5.76	-5.76	---	PASS
11N40MIMO	Ant1	2452	30~1000	-4.17	-61.69	≤-34.17	PASS
11N40MIMO	Ant2	2452	30~1000	-5.76	-62.53	≤-35.76	PASS
11N40MIMO	Ant1	2452	1000~26500	-4.17	-49.17	≤-34.17	PASS
11N40MIMO	Ant2	2452	1000~26500	-5.76	-50.39	≤-35.76	PASS

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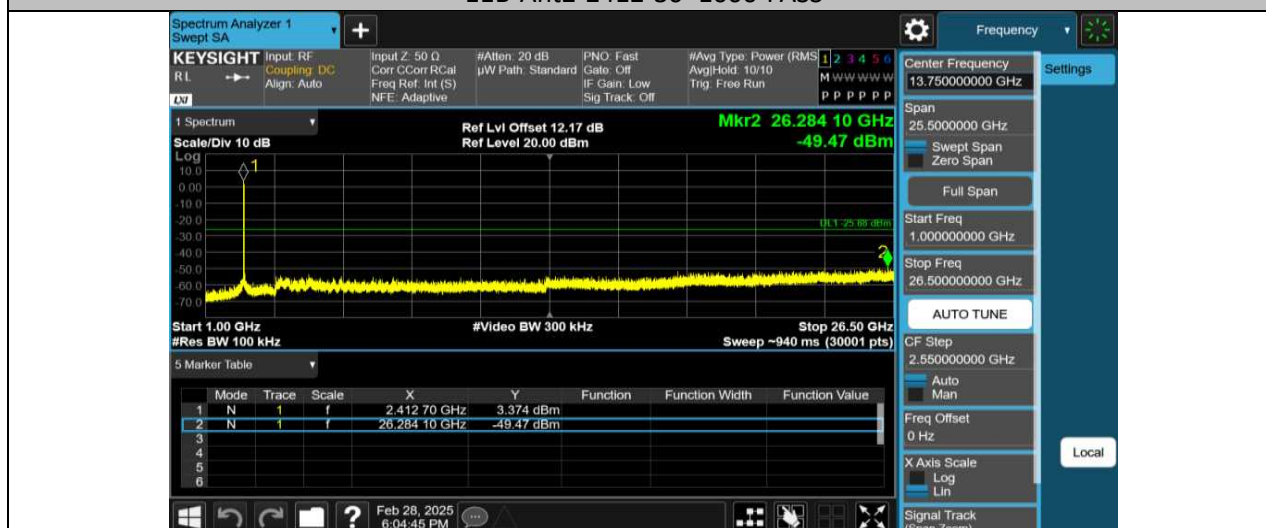
Test Graphs



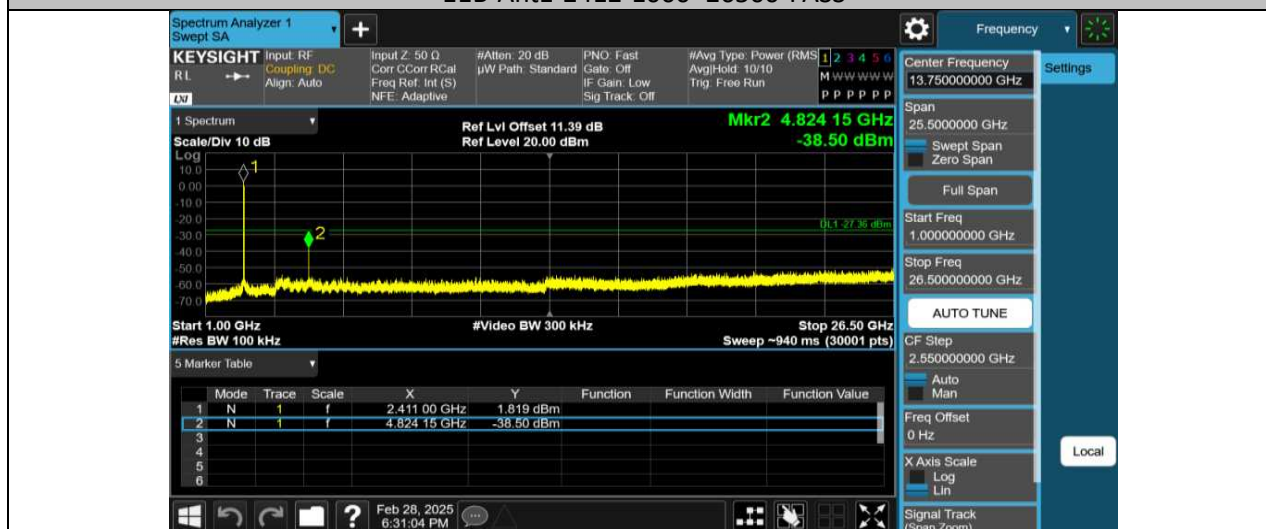
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11B-Ant2-2412-30~1000-PASS



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



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

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

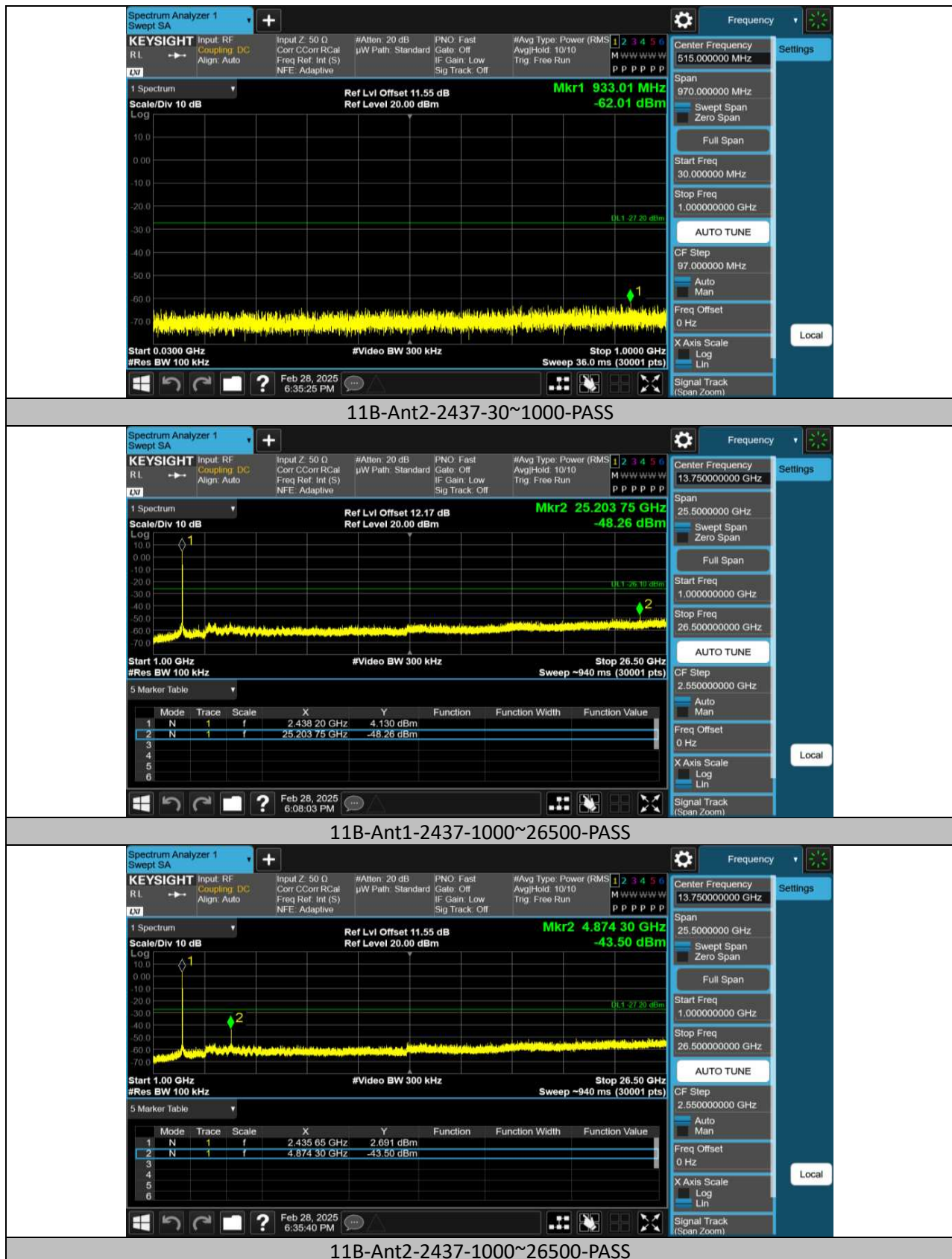


11B-Ant2-2437-0~Reference-PASS



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

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11B-Ant1-2462-0~Reference-PASS

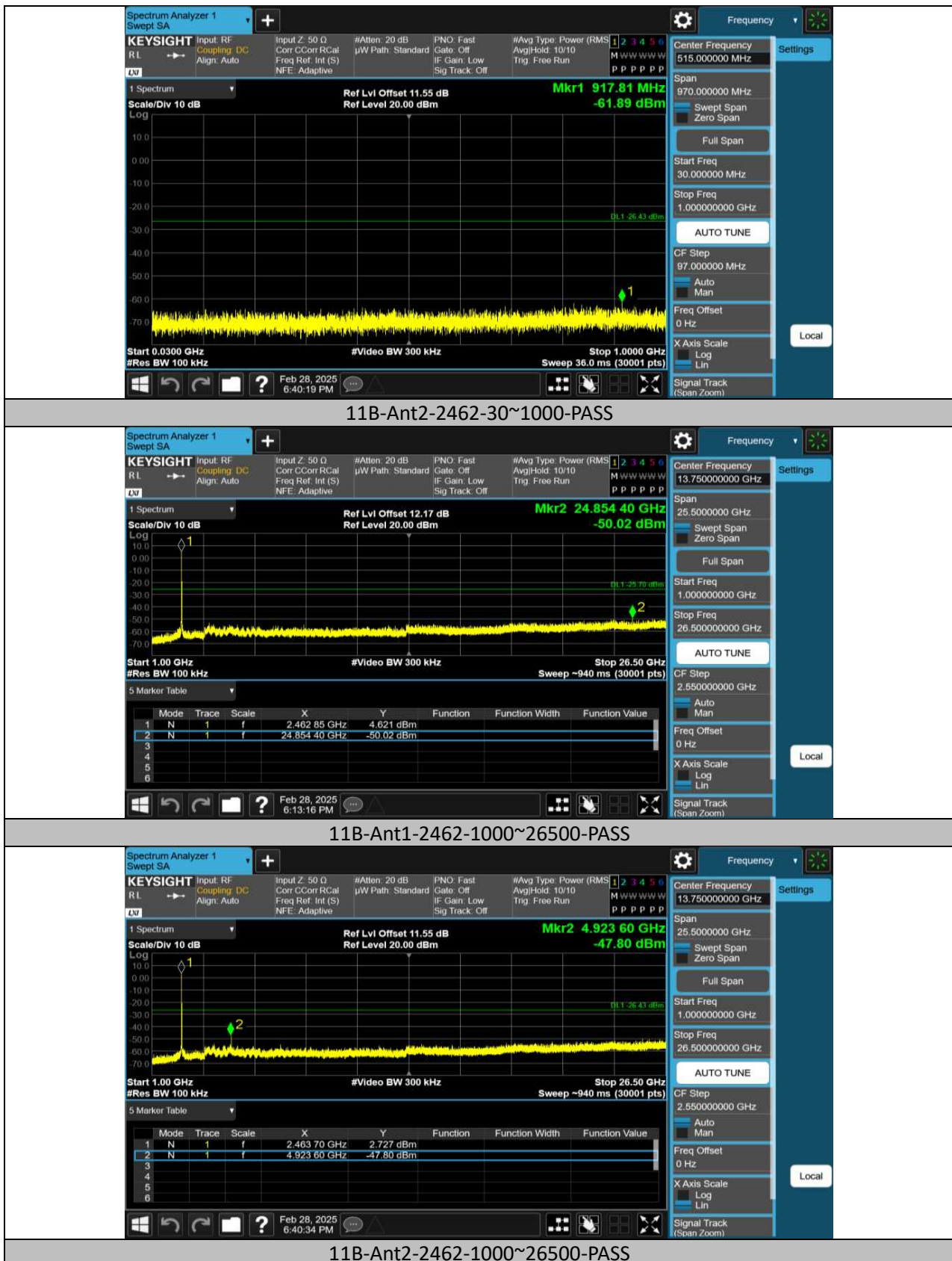


11B-Ant2-2462-0~Reference-PASS



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

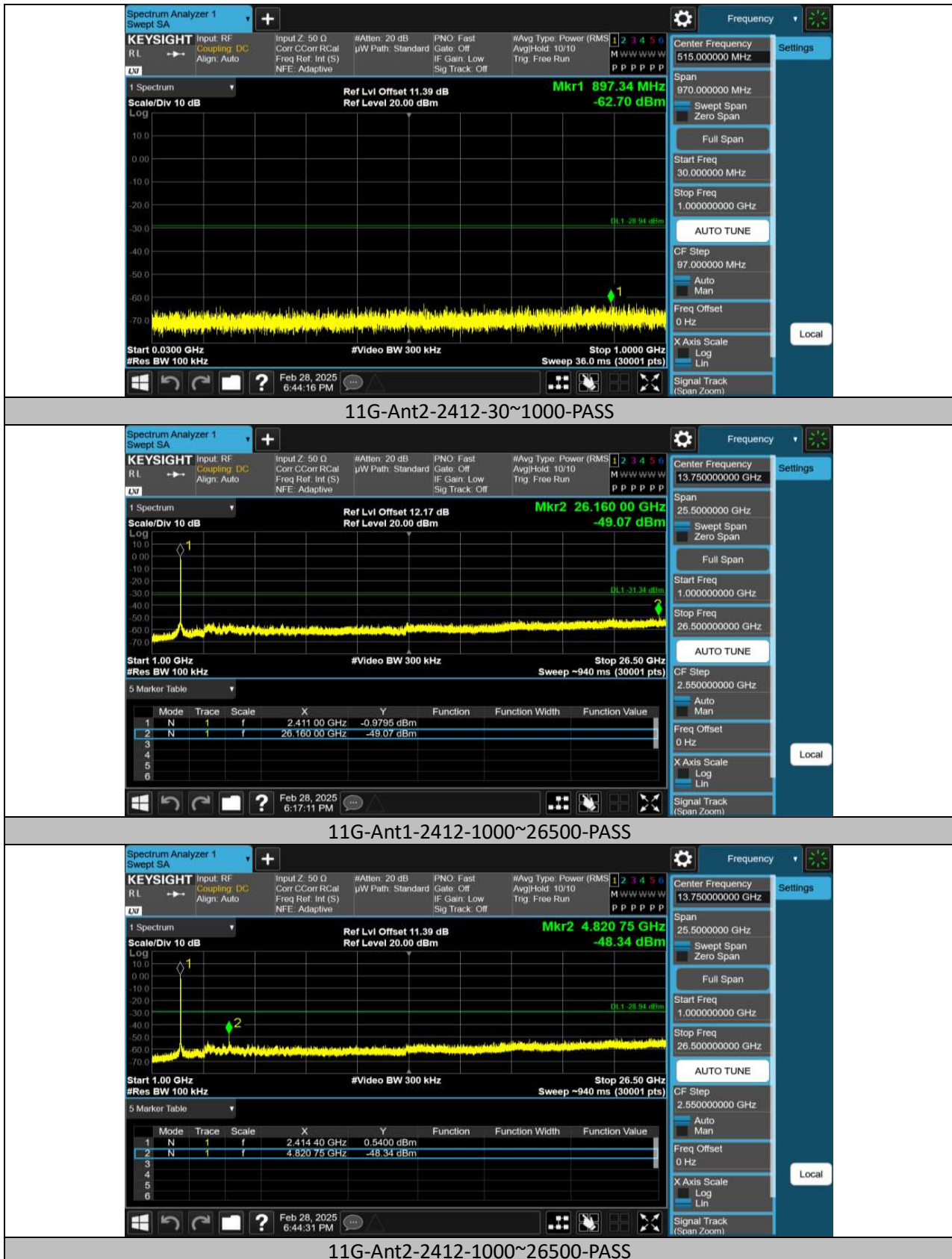
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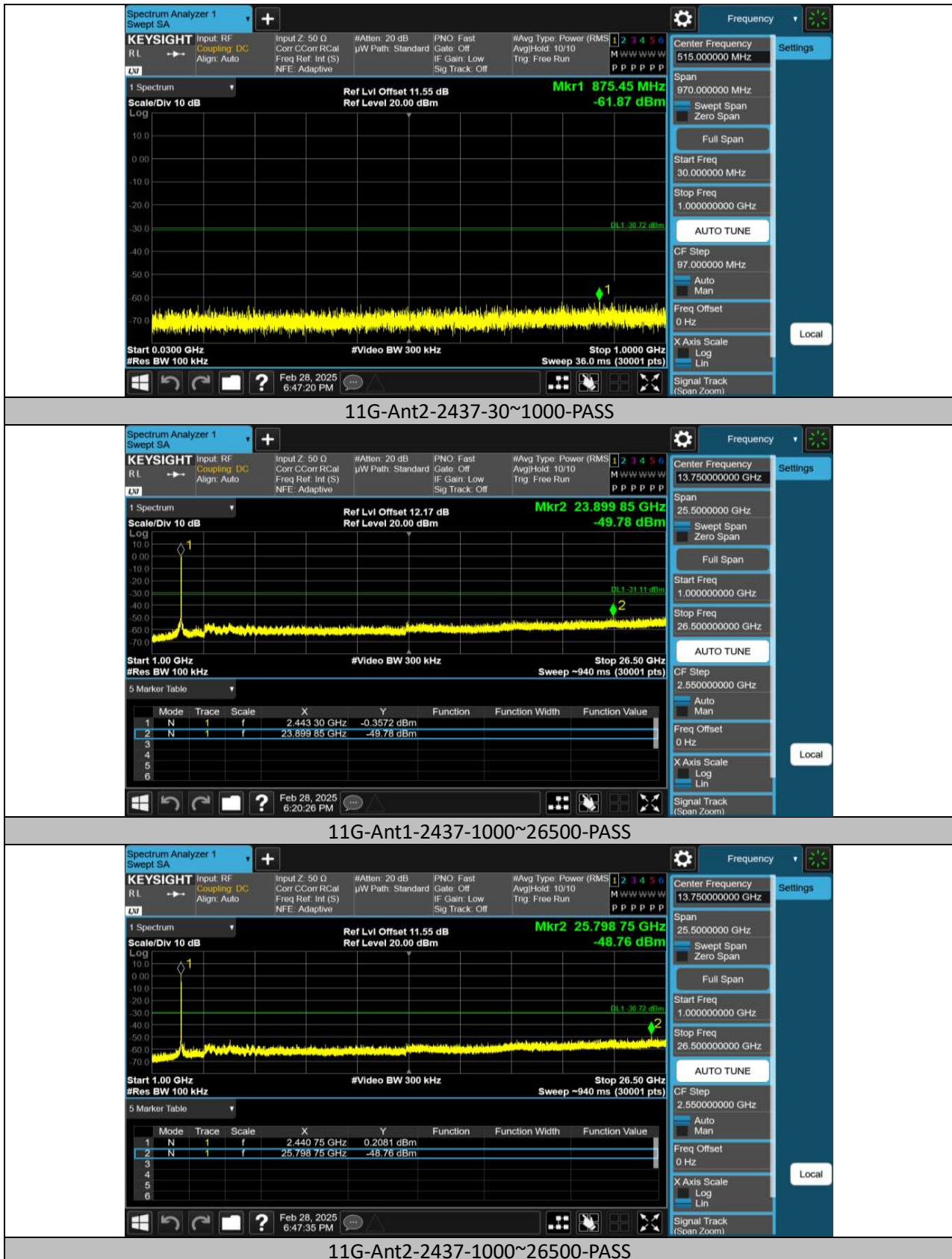
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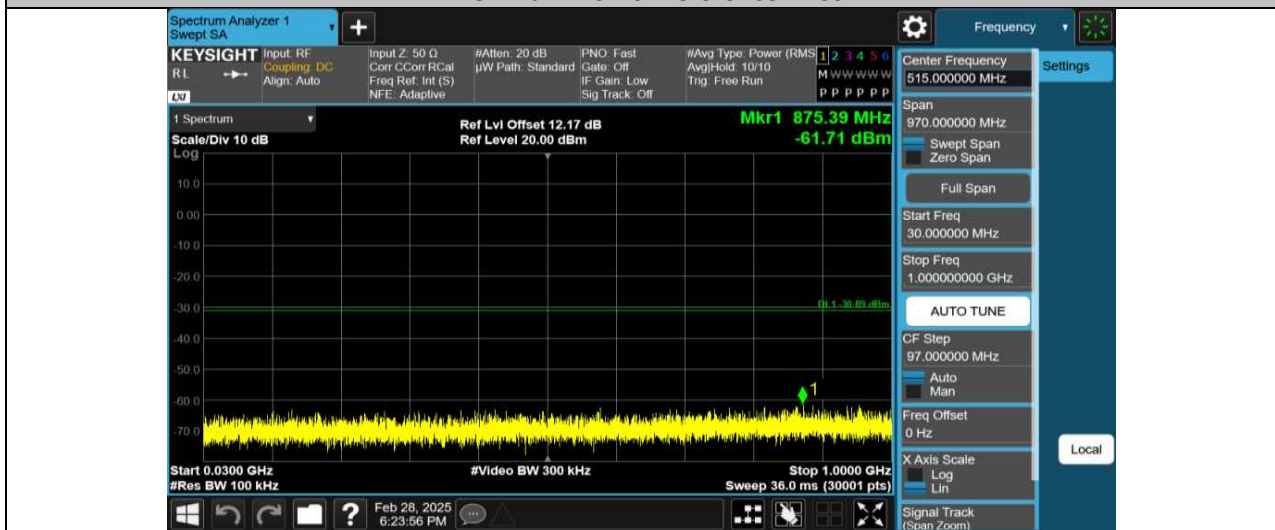
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11G-Ant1-2462-0~Reference-PASS

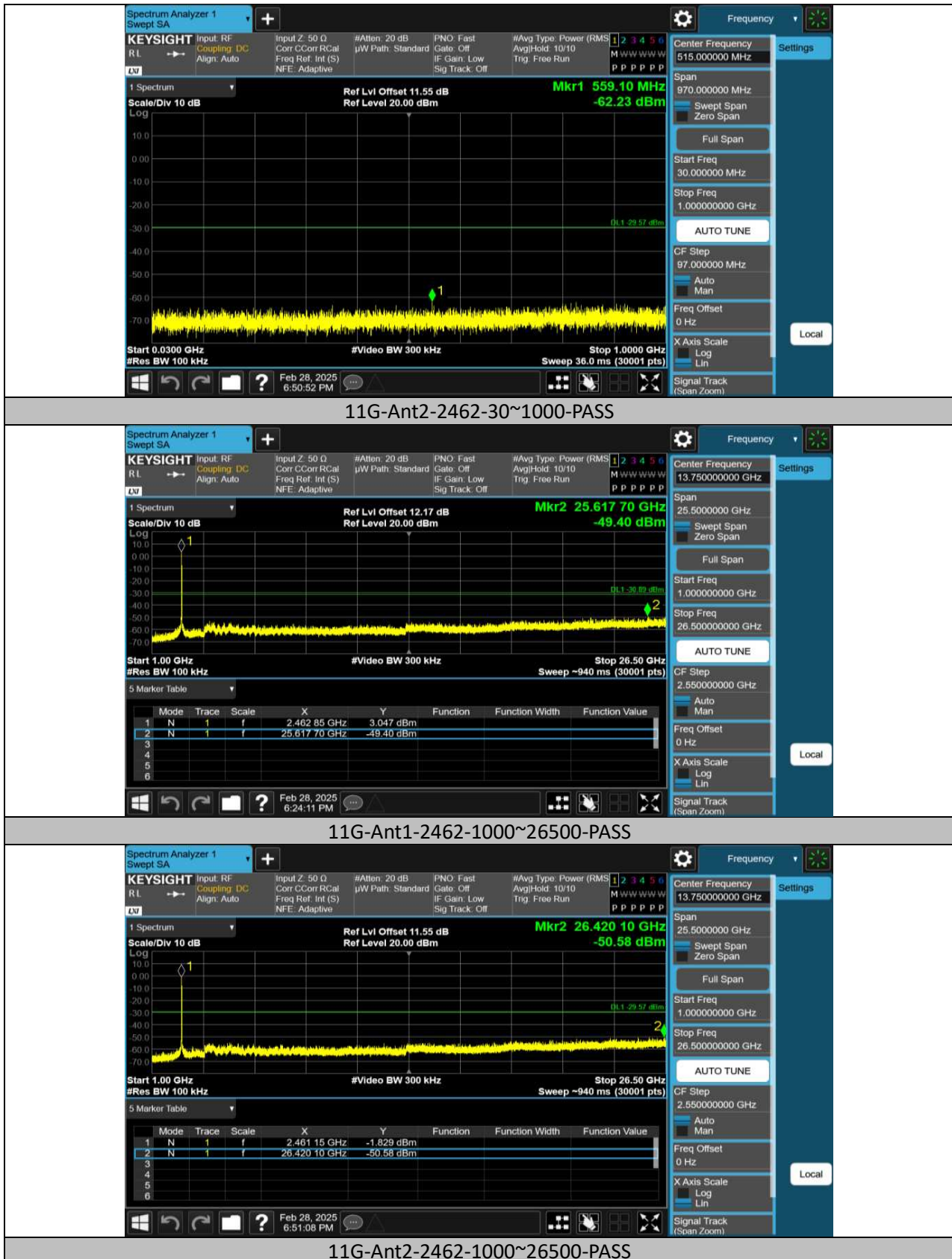


11G-Ant2-2462-0~Reference-PASS



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

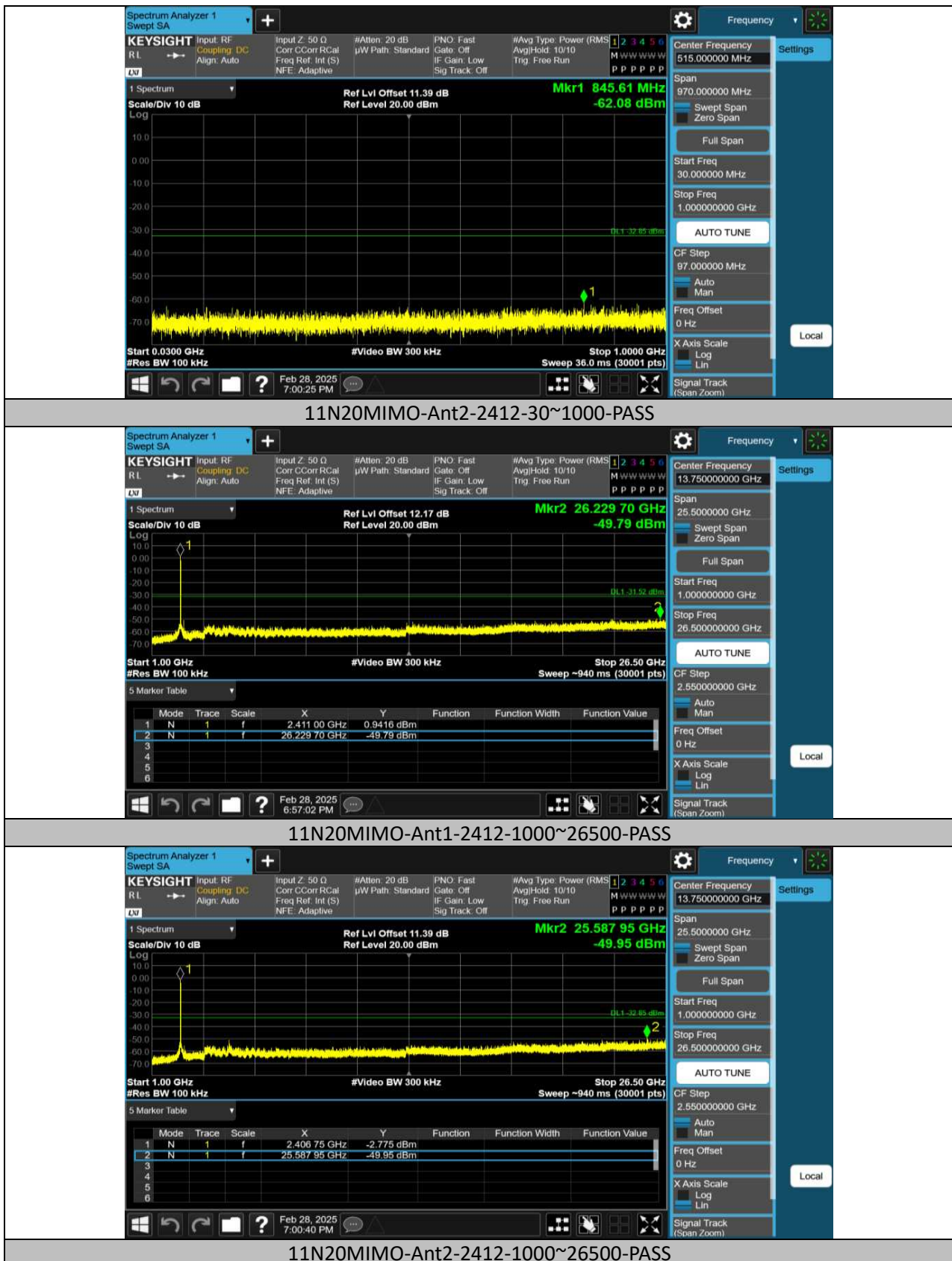
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