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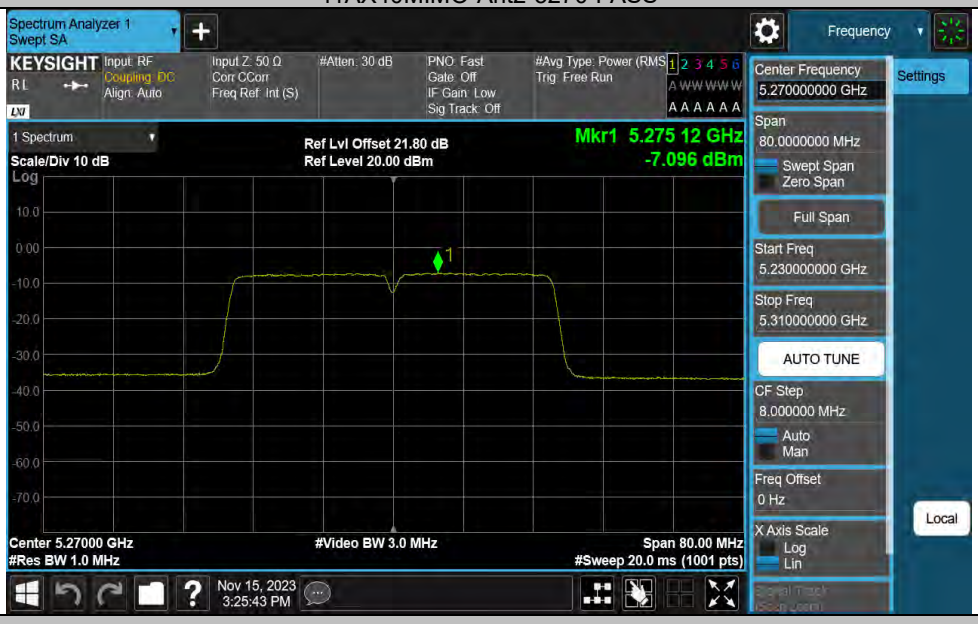
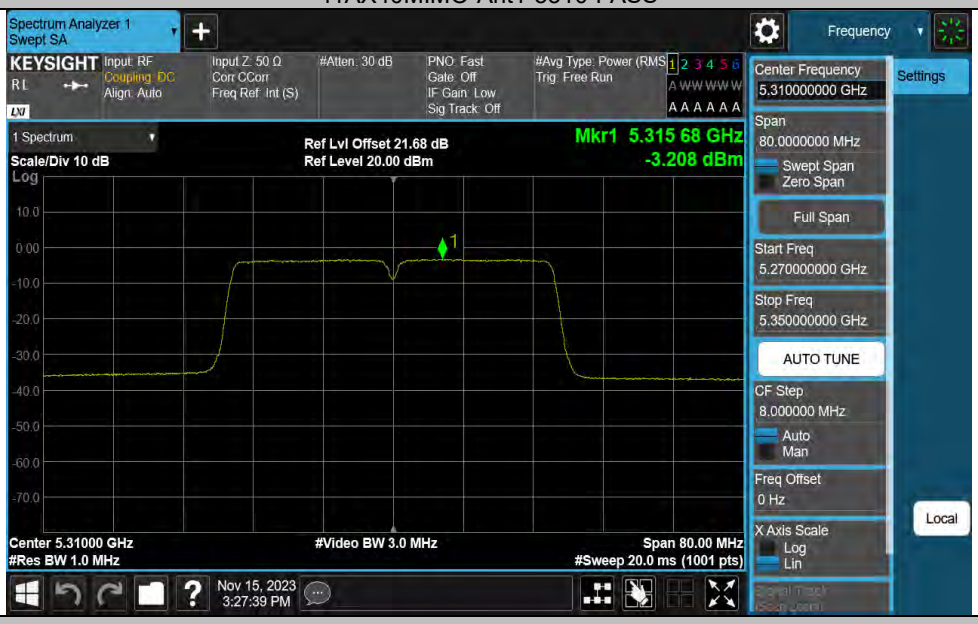
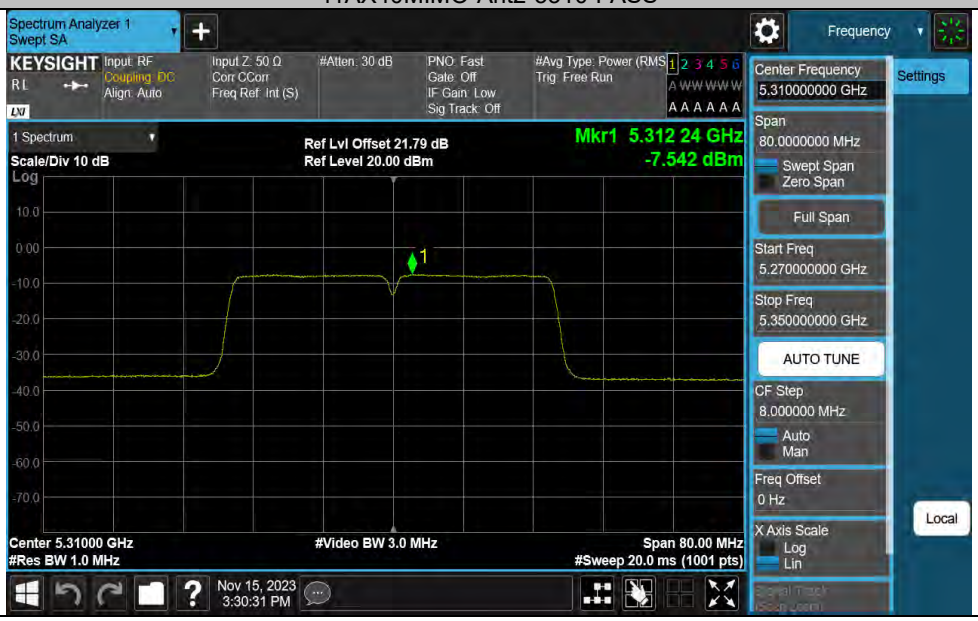


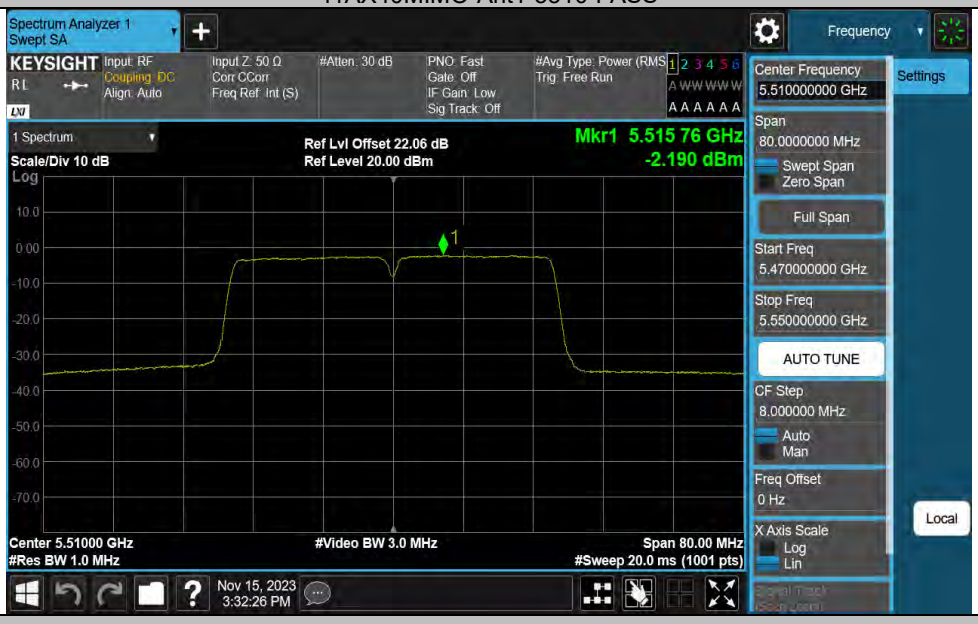
11AX40MIMO-Ant1-5310-PASS



11AX40MIMO-Ant2-5310-PASS



11AX40MIMO-Ant1-5510-PASS



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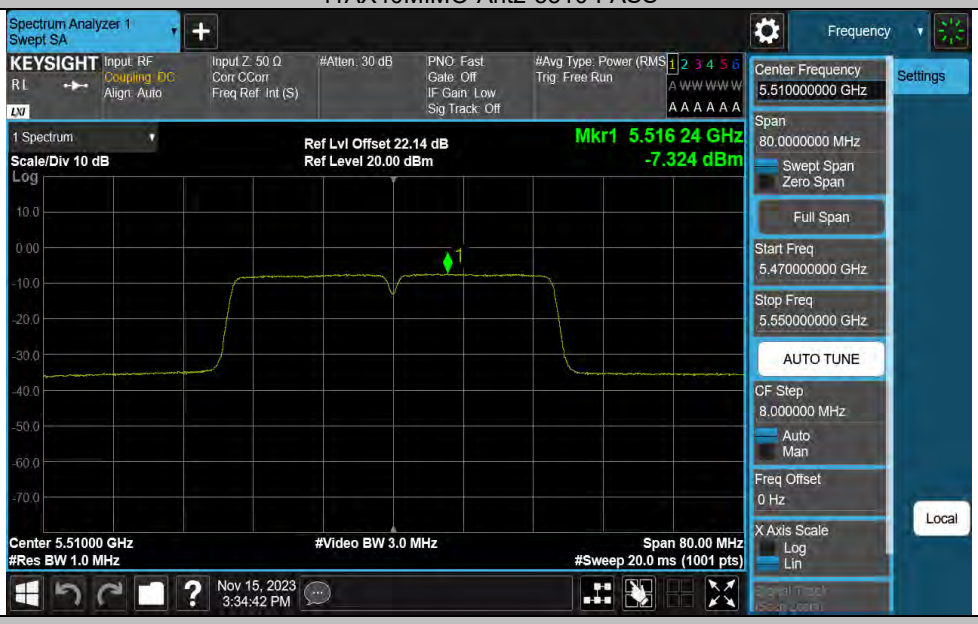
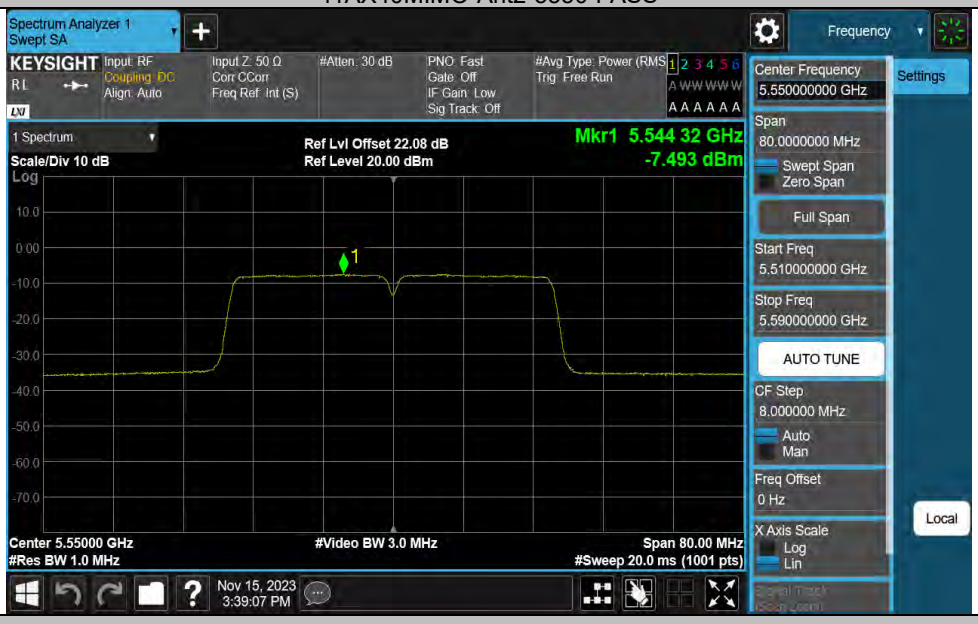
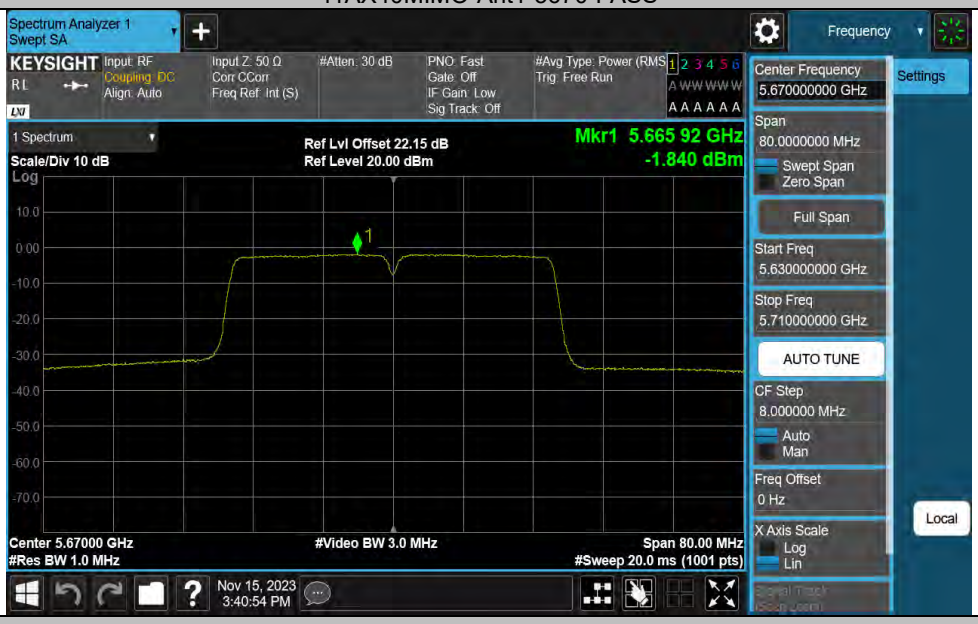


11AX40MIMO-Ant1-5550-PASS

11AX40MIMO-Ant2-5550-PASS



11AX40MIMO-Ant1-5670-PASS



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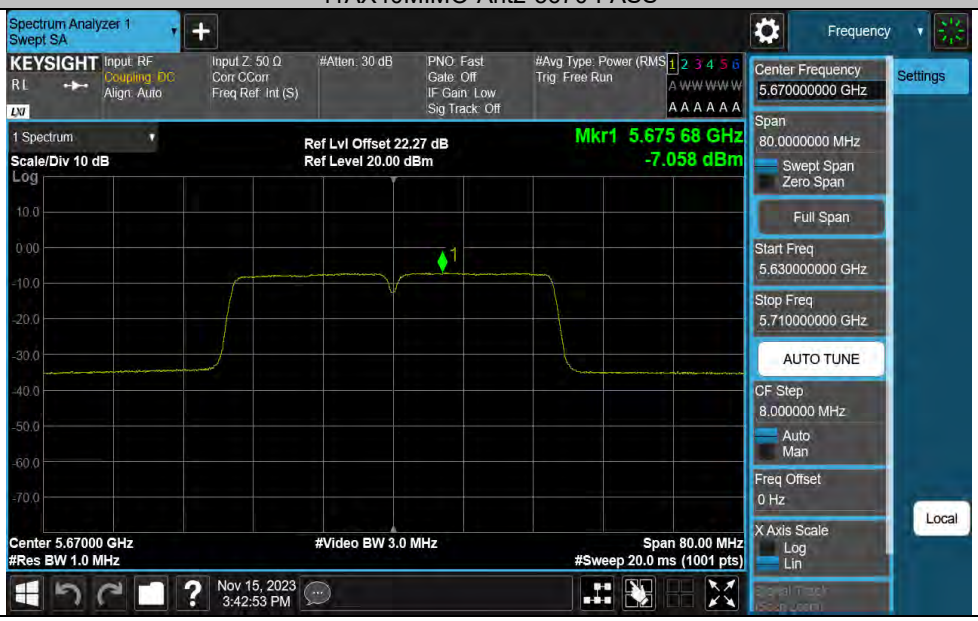
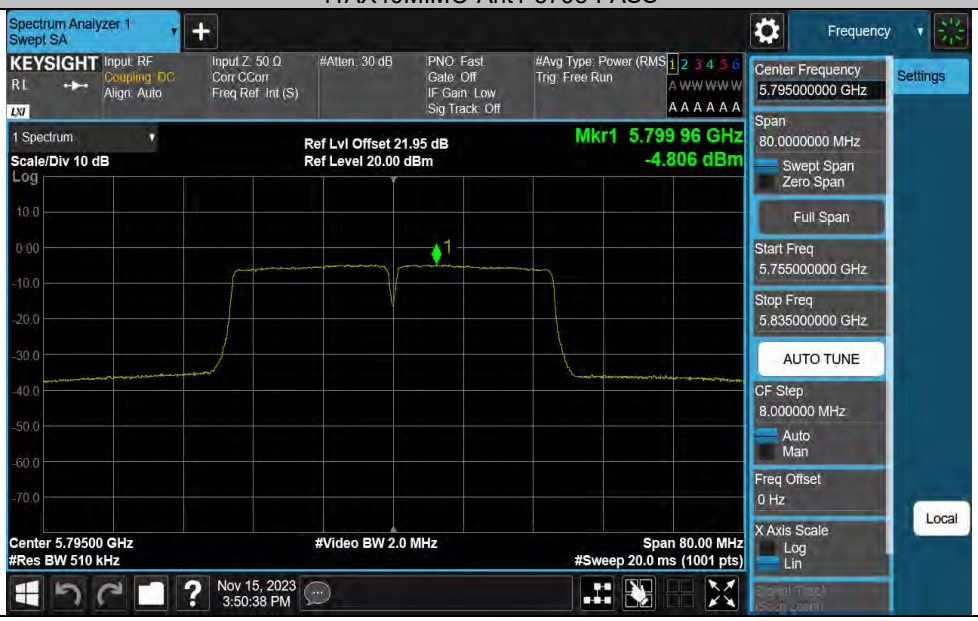


11AX40MIMO-Ant1-5755-PASS

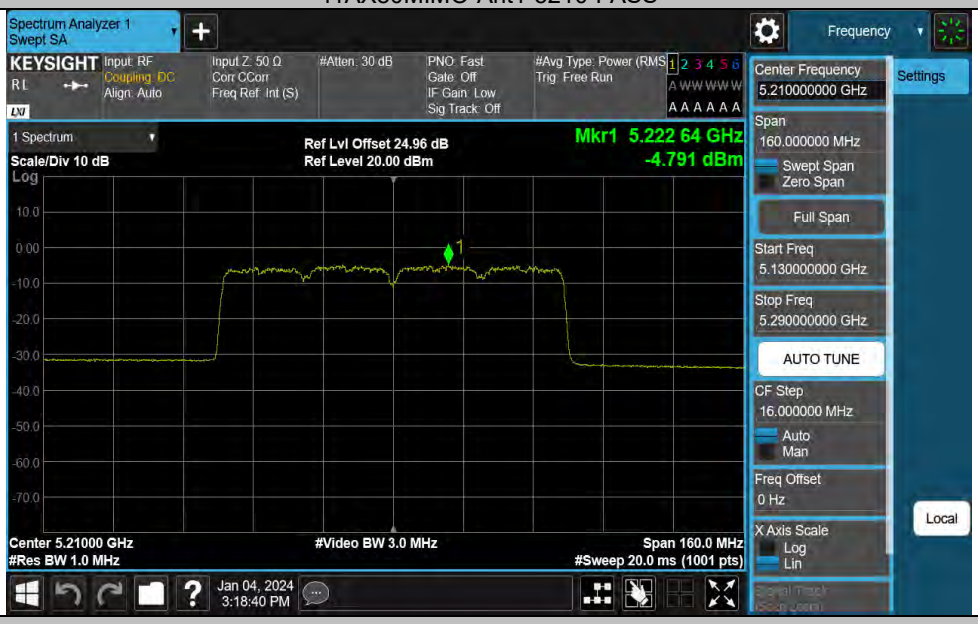
11AX40MIMO-Ant2-5755-PASS

11AX40MIMO-Ant1-5795-PASS



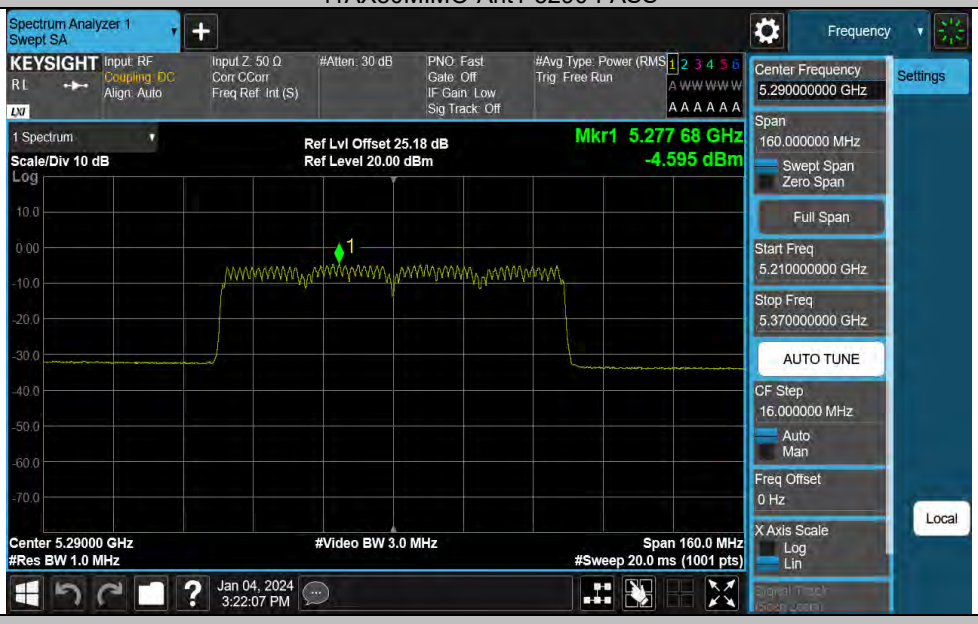
11AX40MIMO-Ant2-5795-PASS

11AX80MIMO-Ant1-5210-PASS

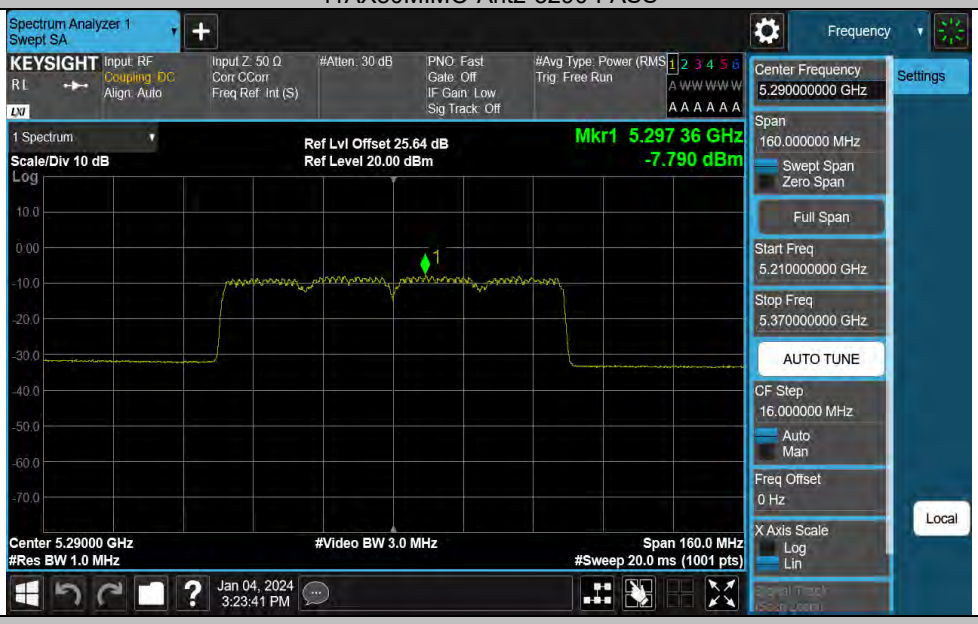


11AX80MIMO-Ant2-5210-PASS

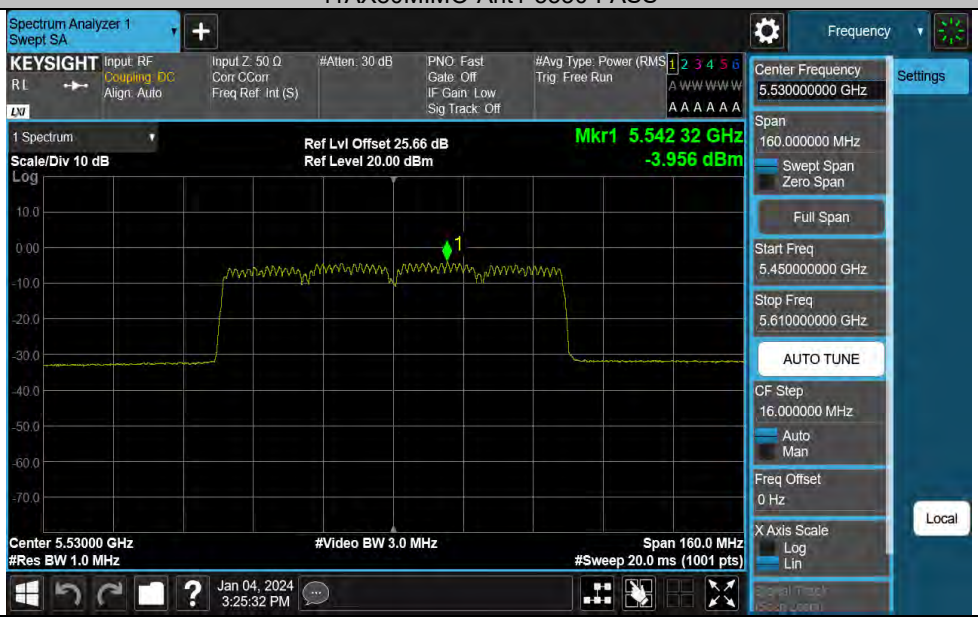
11AX80MIMO-Ant1-5290-PASS



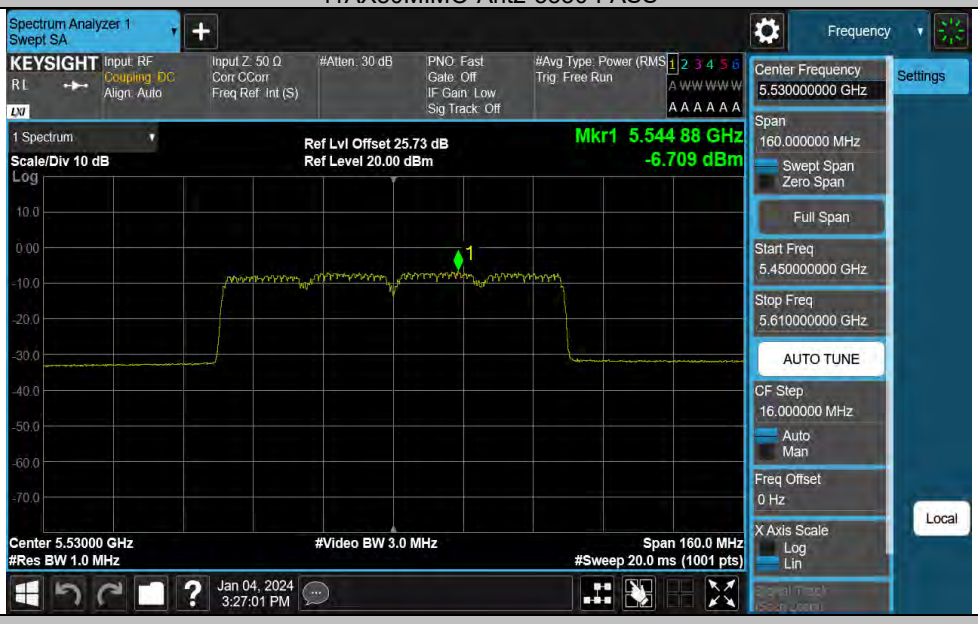
11AX80MIMO-Ant2-5290-PASS



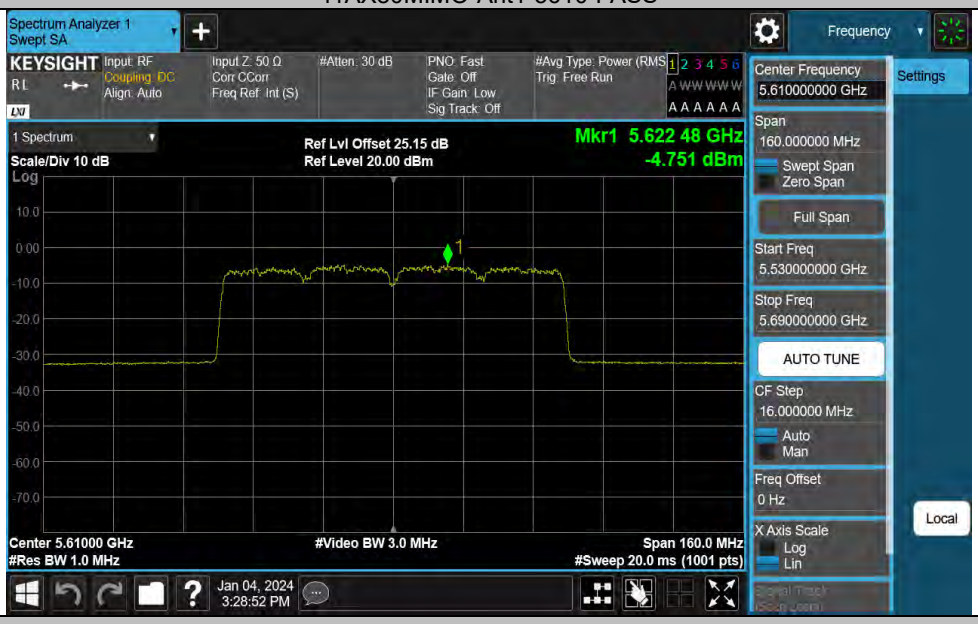
11AX80MIMO-Ant1-5530-PASS



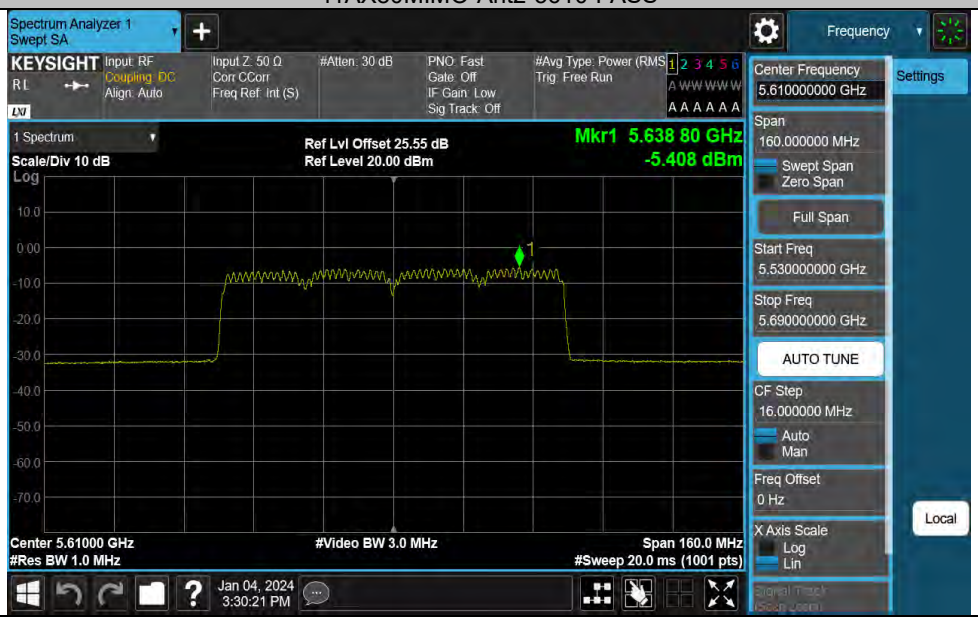
11AX80MIMO-Ant2-5530-PASS



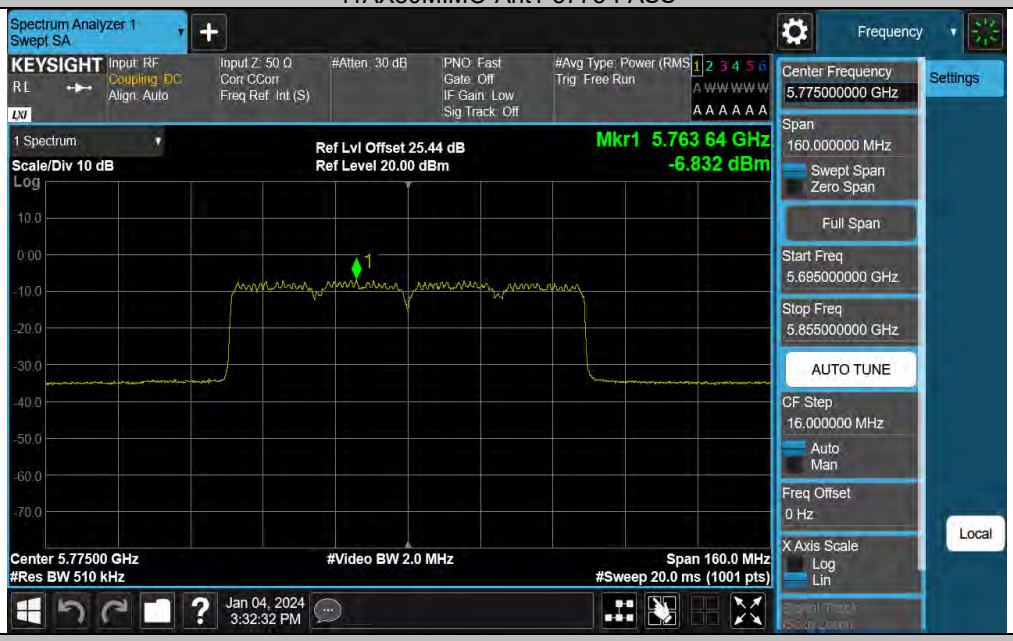
11AX80MIMO-Ant1-5610-PASS



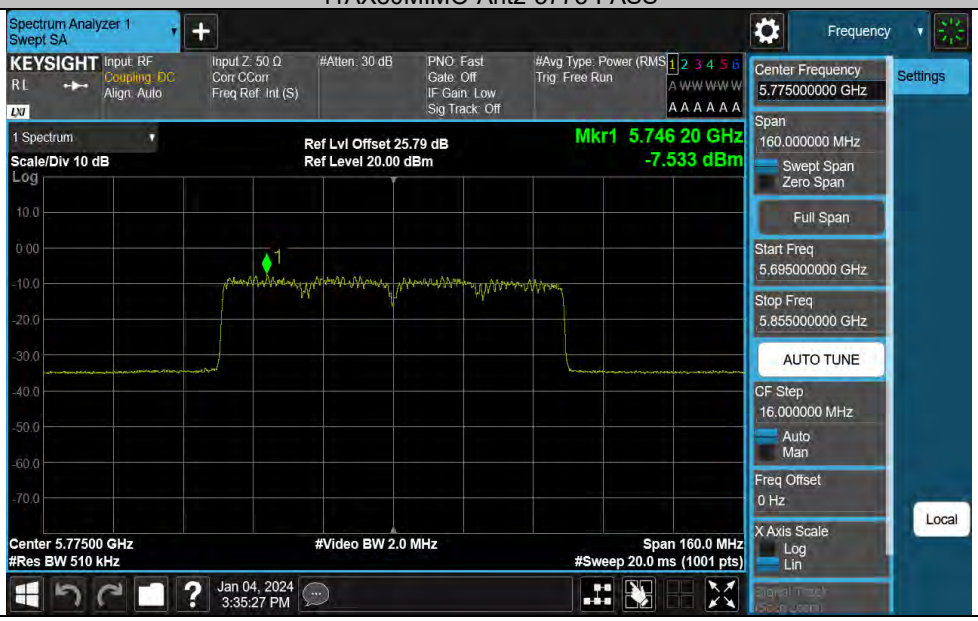
11AX80MIMO-Ant2-5610-PASS



11AX80MIMO-Ant1-5775-PASS



11AX80MIMO-Ant2-5775-PASS



Appendix E: Band edge measurements
Test Result B4

Test Mode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5720~5725	-24.17	≤18.96	PASS
11A	Ant1	Low	5745	5700~5720	-30.67	≤15.53	PASS
11A	Ant1	Low	5745	5650~5700	-35.01	≤-2.62	PASS
11A	Ant1	Low	5745	5760~5650	-35.97	≤-27	PASS
11A	Ant2	Low	5745	5720~5725	-30.66	≤24.21	PASS
11A	Ant2	Low	5745	5700~5720	-31.66	≤15.59	PASS
11A	Ant2	Low	5745	5650~5700	-34.03	≤5.21	PASS
11A	Ant2	Low	5745	5760~5650	-35.99	≤-27	PASS
11A	Ant1	High	5825	5850~5855	-32.69	≤21.03	PASS
11A	Ant1	High	5825	5855~5875	-34.36	≤10.82	PASS
11A	Ant1	High	5825	5875~5925	-34.14	≤-23.36	PASS
11A	Ant1	High	5825	5925~5935	-35.62	≤-27	PASS
11A	Ant2	High	5825	5850~5855	-35.03	≤22.87	PASS
11A	Ant2	High	5825	5855~5875	-35.34	≤13.12	PASS
11A	Ant2	High	5825	5875~5925	-34.6	≤8.61	PASS
11A	Ant2	High	5825	5925~5935	-35.09	≤-27	PASS
11AC20MIMO	Ant1	Low	5745	5720~5725	-28.9	≤24.99	PASS
11AC20MIMO	Ant1	Low	5745	5700~5720	-35.32	≤13.98	PASS
11AC20MIMO	Ant1	Low	5745	5650~5700	-33.71	≤-17.00	PASS
11AC20MIMO	Ant1	Low	5745	5760~5650	-35.06	≤-27	PASS
11AC20MIMO	Ant2	Low	5745	5720~5725	-35.67	≤26.83	PASS
11AC20MIMO	Ant2	Low	5745	5700~5720	-35.08	≤13.18	PASS
11AC20MIMO	Ant2	Low	5745	5650~5700	-34.37	≤9.98	PASS
11AC20MIMO	Ant2	Low	5745	5760~5650	-35.22	≤-27	PASS
11AC20MIMO	Ant1	High	5825	5850~5855	-35.51	≤23.80	PASS
11AC20MIMO	Ant1	High	5825	5855~5875	-35.08	≤11.04	PASS
11AC20MIMO	Ant1	High	5825	5875~5925	-34.53	≤0.12	PASS
11AC20MIMO	Ant1	High	5825	5925~5935	-35.8	≤-27	PASS
11AC20MIMO	Ant2	High	5825	5850~5855	-33.92	≤26.57	PASS
11AC20MIMO	Ant2	High	5825	5855~5875	-34.74	≤10.59	PASS
11AC20MIMO	Ant2	High	5825	5875~5925	-34.9	≤-15.47	PASS
11AC20MIMO	Ant2	High	5825	5925~5935	-35.09	≤-27	PASS
11AC40MIMO	Ant1	Low	5755	5720~5725	-22.42	≤21.28	PASS
11AC40MIMO	Ant1	Low	5755	5700~5720	-24.28	≤15.50	PASS
11AC40MIMO	Ant1	Low	5755	5650~5700	-34.53	≤8.06	PASS
11AC40MIMO	Ant1	Low	5755	5780~5650	-35.93	≤-27	PASS
11AC40MIMO	Ant2	Low	5755	5720~5725	-31.48	≤22.82	PASS
11AC40MIMO	Ant2	Low	5755	5700~5720	-31.77	≤15.50	PASS
11AC40MIMO	Ant2	Low	5755	5650~5700	-35.63	≤-18.41	PASS
11AC40MIMO	Ant2	Low	5755	5780~5650	-36.11	≤-27	PASS
11AC40MIMO	Ant1	High	5795	5850~5855	-34.39	≤26.94	PASS
11AC40MIMO	Ant1	High	5795	5855~5875	-34.09	≤10.59	PASS
11AC40MIMO	Ant1	High	5795	5875~5925	-33.34	≤-3.97	PASS
11AC40MIMO	Ant1	High	5795	5925~5935	-34.7	≤-27	PASS
11AC40MIMO	Ant2	High	5795	5850~5855	-36.4	≤19.80	PASS
11AC40MIMO	Ant2	High	5795	5855~5875	-35.89	≤10.96	PASS
11AC40MIMO	Ant2	High	5795	5875~5925	-34.55	≤6.78	PASS
11AC40MIMO	Ant2	High	5795	5925~5935	-35.37	≤-27	PASS
11AC80MIMO	Ant1	Low	5775	5720~5725	-27.79	≤18.83	PASS
11AC80MIMO	Ant1	Low	5775	5700~5720	-26.4	≤15.17	PASS
11AC80MIMO	Ant1	Low	5775	5650~5700	-29.25	≤9.56	PASS
11AC80MIMO	Ant1	Low	5775	5800~5650	-36.02	≤-27	PASS

11AC80MIMO	Ant1	High	5775	5850~5855	-26.76	≤18.75	PASS
11AC80MIMO	Ant1	High	5775	5855~5875	-30.17	≤10.80	PASS
11AC80MIMO	Ant1	High	5775	5875~5925	-34.42	≤7.68	PASS
11AC80MIMO	Ant1	High	5775	5925~5935	-35.36	≤-27	PASS
11AC80MIMO	Ant2	Low	5775	5720~5725	-32.63	≤21.30	PASS
11AC80MIMO	Ant2	Low	5775	5700~5720	-33.62	≤14.78	PASS
11AC80MIMO	Ant2	Low	5775	5650~5700	-33.84	≤7.38	PASS
11AC80MIMO	Ant2	Low	5775	5800~5650	-35.94	≤-27	PASS
11AC80MIMO	Ant2	High	5775	5850~5855	-35.55	≤24.23	PASS
11AC80MIMO	Ant2	High	5775	5855~5875	-35.06	≤12.98	PASS
11AC80MIMO	Ant2	High	5775	5875~5925	-34.84	≤-23.40	PASS
11AC80MIMO	Ant2	High	5775	5925~5935	-34.95	≤-27	PASS
11AX20MIMO	Ant1	Low	5745	5720~5725	-26.16	≤20.80	PASS
11AX20MIMO	Ant1	Low	5745	5700~5720	-32.09	≤10.02	PASS
11AX20MIMO	Ant1	Low	5745	5650~5700	-33.14	≤-26.87	PASS
11AX20MIMO	Ant1	Low	5745	5760~5650	-32.32	≤-27	PASS
11AX20MIMO	Ant2	Low	5745	5720~5725	-31.42	≤16.34	PASS
11AX20MIMO	Ant2	High	5825	5850~5855	-35.75	≤17.33	PASS
11AX20MIMO	Ant2	High	5825	5855~5875	-35.2	≤13.31	PASS
11AX20MIMO	Ant2	High	5825	5875~5925	-34.94	≤-14.07	PASS
11AX20MIMO	Ant2	High	5825	5925~5935	-35.27	≤-27	PASS
11AX20MIMO	Ant2	Low	5745	5700~5720	-26.62	≤14.73	PASS
11AX20MIMO	Ant2	Low	5745	5650~5700	-32	≤-26.19	PASS
11AX20MIMO	Ant2	Low	5745	5760~5650	-31.04	≤-27	PASS
11AX20MIMO	Ant1	High	5825	5850~5855	-32.92	≤15.73	PASS
11AX20MIMO	Ant1	High	5825	5855~5875	-32.07	≤10.13	PASS
11AX20MIMO	Ant1	High	5825	5875~5925	-31.44	≤-26.31	PASS
11AX20MIMO	Ant1	High	5825	5925~5935	-31.1	≤-27	PASS
11AX40MIMO	Ant1	Low	5755	5720~5725	-22.75	≤24.66	PASS
11AX40MIMO	Ant1	Low	5755	5700~5720	-23.24	≤15.09	PASS
11AX40MIMO	Ant1	Low	5755	5650~5700	-35.14	≤-8.52	PASS
11AX40MIMO	Ant1	Low	5755	5780~5650	-35.68	≤-27	PASS
11AX40MIMO	Ant2	Low	5755	5720~5725	-31.36	≤24.66	PASS
11AX40MIMO	Ant2	Low	5755	5700~5720	-30.72	≤15.35	PASS
11AX40MIMO	Ant2	Low	5755	5650~5700	-34.94	≤-24.21	PASS
11AX40MIMO	Ant2	Low	5755	5780~5650	-36.07	≤-27	PASS
11AX40MIMO	Ant1	High	5795	5850~5855	-33.32	≤15.66	PASS
11AX40MIMO	Ant2	High	5795	5850~5855	-35.76	≤23.93	PASS
11AX40MIMO	Ant2	High	5795	5855~5875	-34.78	≤10.64	PASS
11AX40MIMO	Ant2	High	5795	5875~5925	-32.92	≤-2.99	PASS
11AX40MIMO	Ant2	High	5795	5925~5935	-34.69	≤-27	PASS
11AX40MIMO	Ant1	High	5795	5855~5875	-32.25	≤10.02	PASS
11AX40MIMO	Ant1	High	5795	5875~5925	-31.87	≤-26.71	PASS
11AX40MIMO	Ant1	High	5795	5925~5935	-30.81	≤-27	PASS
11AX80MIMO	Ant1	Low	5775	5720~5725	-22.18	≤16.71	PASS
11AX80MIMO	Ant1	Low	5775	5700~5720	-24.84	≤11.22	PASS
11AX80MIMO	Ant1	Low	5775	5650~5700	-33.01	≤-26.46	PASS
11AX80MIMO	Ant1	Low	5775	5800~5650	-31.85	≤-27	PASS
11AX80MIMO	Ant1	High	5775	5850~5855	-27.79	≤16.26	PASS
11AX80MIMO	Ant1	High	5775	5855~5875	-25.3	≤12.16	PASS
11AX80MIMO	Ant1	High	5775	5875~5925	-31.14	≤-26.19	PASS
11AX80MIMO	Ant1	High	5775	5925~5935	-31.13	≤-27	PASS
11AX80MIMO	Ant2	Low	5775	5720~5725	-22.43	≤16.35	PASS
11AX80MIMO	Ant2	Low	5775	5700~5720	-26.65	≤10.48	PASS
11AX80MIMO	Ant2	Low	5775	5650~5700	-31.76	≤-26.69	PASS
11AX80MIMO	Ant2	Low	5775	5800~5650	-31.43	≤-27	PASS
11AX80MIMO	Ant2	High	5775	5850~5855	-31.85	≤15.84	PASS

11AX80MIMO	Ant2	High	5775	5855~5875	-26.1	≤13.51	PASS
11AX80MIMO	Ant2	High	5775	5875~5925	-31.48	≤-26.87	PASS
11AX80MIMO	Ant2	High	5775	5925~5935	-30.79	≤-27	PASS
11N20MIMO	Ant1	Low	5745	5720~5725	-26.27	≤25.78	PASS
11N20MIMO	Ant1	Low	5745	5700~5720	-33.48	≤15.53	PASS
11N20MIMO	Ant1	Low	5745	5650~5700	-34.96	≤-11.98	PASS
11N20MIMO	Ant1	Low	5745	5760~5650	-36.02	≤-27	PASS
11N20MIMO	Ant2	Low	5745	5720~5725	-30.42	≤19.49	PASS
11N20MIMO	Ant2	Low	5745	5700~5720	-34.76	≤12.66	PASS
11N20MIMO	Ant2	Low	5745	5650~5700	-34.8	≤-10.62	PASS
11N20MIMO	Ant2	Low	5745	5760~5650	-36.29	≤-27	PASS
11N20MIMO	Ant1	High	5825	5850~5855	-34.44	≤18.87	PASS
11N20MIMO	Ant1	High	5825	5855~5875	-34.35	≤13.54	PASS
11N20MIMO	Ant1	High	5825	5875~5925	-35.26	≤-16.67	PASS
11N20MIMO	Ant1	High	5825	5925~5935	-35.81	≤-27	PASS
11N20MIMO	Ant2	High	5825	5850~5855	-34.62	≤26.57	PASS
11N20MIMO	Ant2	High	5825	5855~5875	-34.86	≤15.50	PASS
11N20MIMO	Ant2	High	5825	5875~5925	-35.08	≤-12.77	PASS
11N20MIMO	Ant2	High	5825	5925~5935	-35.44	≤-27	PASS
11N40MIMO	Ant1	Low	5755	5720~5725	-23.29	≤25.59	PASS
11N40MIMO	Ant1	Low	5755	5700~5720	-24.26	≤14.75	PASS
11N40MIMO	Ant1	Low	5755	5650~5700	-34.02	≤6.76	PASS
11N40MIMO	Ant1	Low	5755	5780~5650	-36.22	≤-27	PASS
11N40MIMO	Ant2	Low	5755	5720~5725	-41.59	≤23.12	PASS
11N40MIMO	Ant2	Low	5755	5700~5720	-42.18	≤15.43	PASS
11N40MIMO	Ant2	Low	5755	5650~5700	-44.01	≤-26.80	PASS
11N40MIMO	Ant2	Low	5755	5780~5650	-45.58	≤-27	PASS
11N40MIMO	Ant1	High	5795	5850~5855	-36.41	≤25.06	PASS
11N40MIMO	Ant1	High	5795	5855~5875	-35.15	≤13.92	PASS
11N40MIMO	Ant1	High	5795	5875~5925	-34.93	≤-18.25	PASS
11N40MIMO	Ant1	High	5795	5925~5935	-35.96	≤-27	PASS
11N40MIMO	Ant2	High	5795	5850~5855	-36.04	≤16.79	PASS
11N40MIMO	Ant2	High	5795	5855~5875	-35.61	≤11.33	PASS
11N40MIMO	Ant2	High	5795	5875~5925	-35.01	≤-22.16	PASS
11N40MIMO	Ant2	High	5795	5925~5935	-35.18	≤-27	PASS

Test Graphs B4

11A-Ant1-5745-PASS

11A-Ant2-5745-PASS

11A-Ant1-5825-PASS

11A-Ant2-5825-PASS

11AC20MIMO-Ant1-5745-PASS

11AC20MIMO-Ant2-5745-PASS

11AC20MIMO-Ant1-5825-PASS

11AC20MIMO-Ant2-5825-PASS

11AC40MIMO-Ant1-5755-PASS

11AC40MIMO-Ant2-5755-PASS

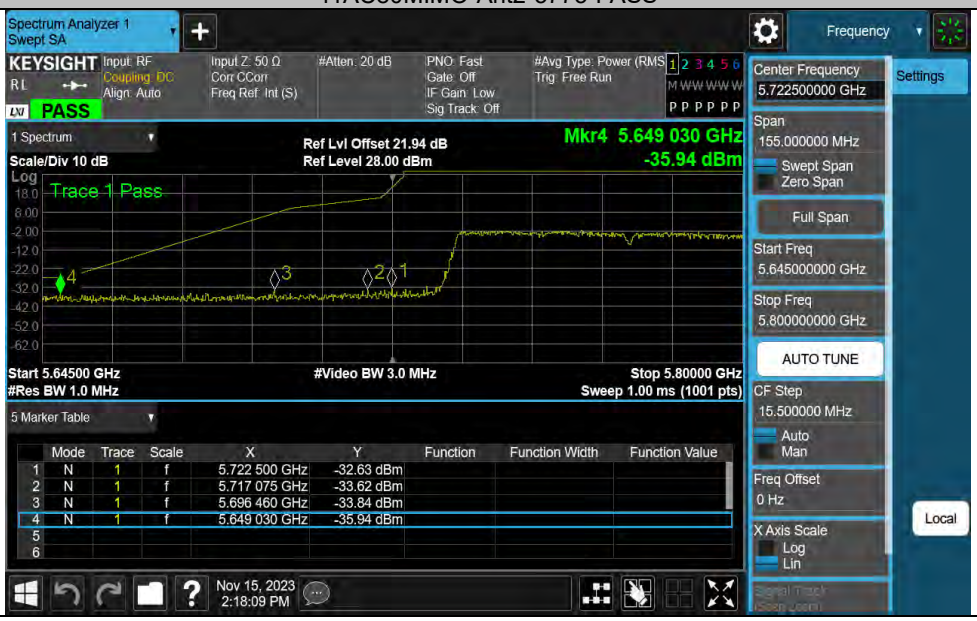
11AC40MIMO-Ant1-5795-PASS

11AC40MIMO-Ant2-5795-PASS

11AC80MIMO-Ant1-5775-PASS

11AC80MIMO-Ant1-5775-PASS

11AC80MIMO-Ant2-5775-PASS



11AC80MIMO-Ant2-5775-PASS

11AX20MIMO-Ant1-5745-PASS

11AX20MIMO-Ant2-5745-PASS

11AX20MIMO-Ant2-5825-PASS

11AX20MIMO-Ant1-5825-PASS

11AX40MIMO-Ant1-5755-PASS

11AX40MIMO-Ant2-5755-PASS

11AX40MIMO-Ant1-5795-PASS

11AX40MIMO-Ant2-5795-PASS

11AX80MIMO-Ant1-5775-PASS

11AX80MIMO-Ant1-5775-PASS

11AX80MIMO-Ant2-5775-PASS

11AX80MIMO-Ant2-5775-PASS

11N20MIMO-Ant1-5745-PASS

11N20MIMO-Ant2-5745-PASS

11N20MIMO-Ant1-5825-PASS

11N20MIMO-Ant2-5825-PASS

11N40MIMO-Ant1-5755-PASS

11N40MIMO-Ant2-5755-PASS

11N40MIMO-Ant1-5795-PASS

11N40MIMO-Ant2-5795-PASS

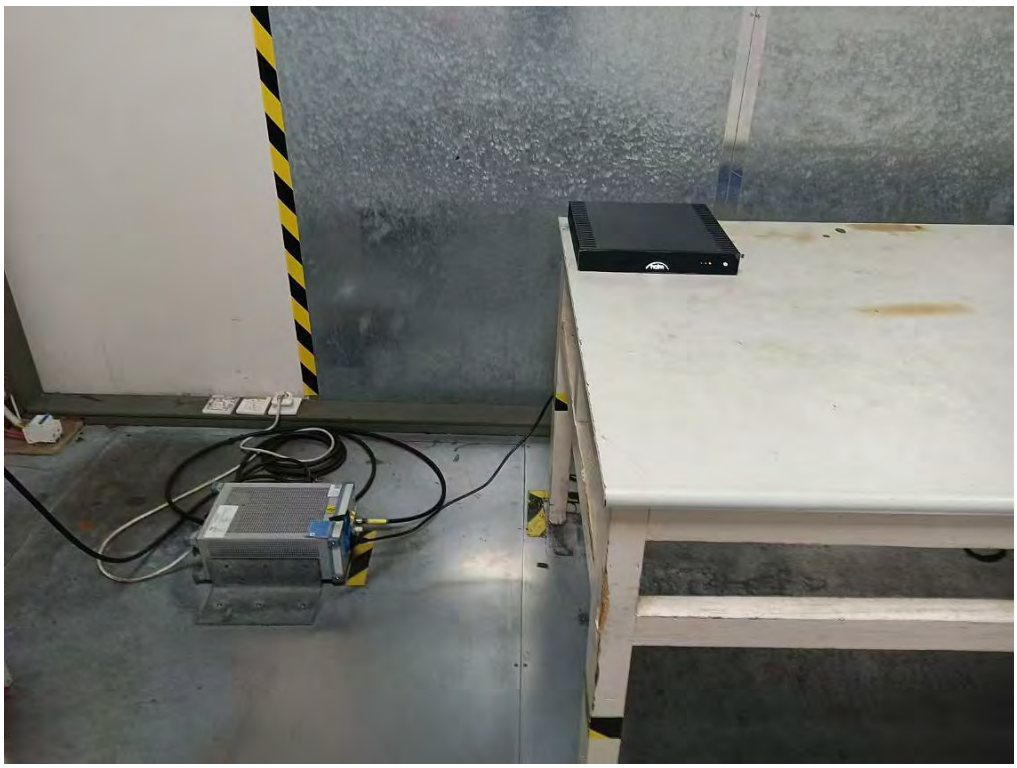
Appendix G: Frequency Stability
Test Result

Test Mode	Antenna	Frequency[MHz]	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	LV	NT	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	HV	NT	-40000.00	-7.722008	20	PASS
11A	Ant1	5260	NV	NT	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	LV	NT	-40000.00	-7.604563	20	PASS
11A	Ant1	5260	HV	NT	-40000.00	-7.604563	20	PASS
11A	Ant1	5500	NV	NT	-40000.00	-7.272727	20	PASS
11A	Ant1	5500	LV	NT	-40000.00	-7.272727	20	PASS
11A	Ant1	5500	HV	NT	-40000.00	-7.272727	20	PASS
11A	Ant1	5745	NV	NT	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	LV	NT	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	HV	NT	-40000.00	-6.962576	20	PASS

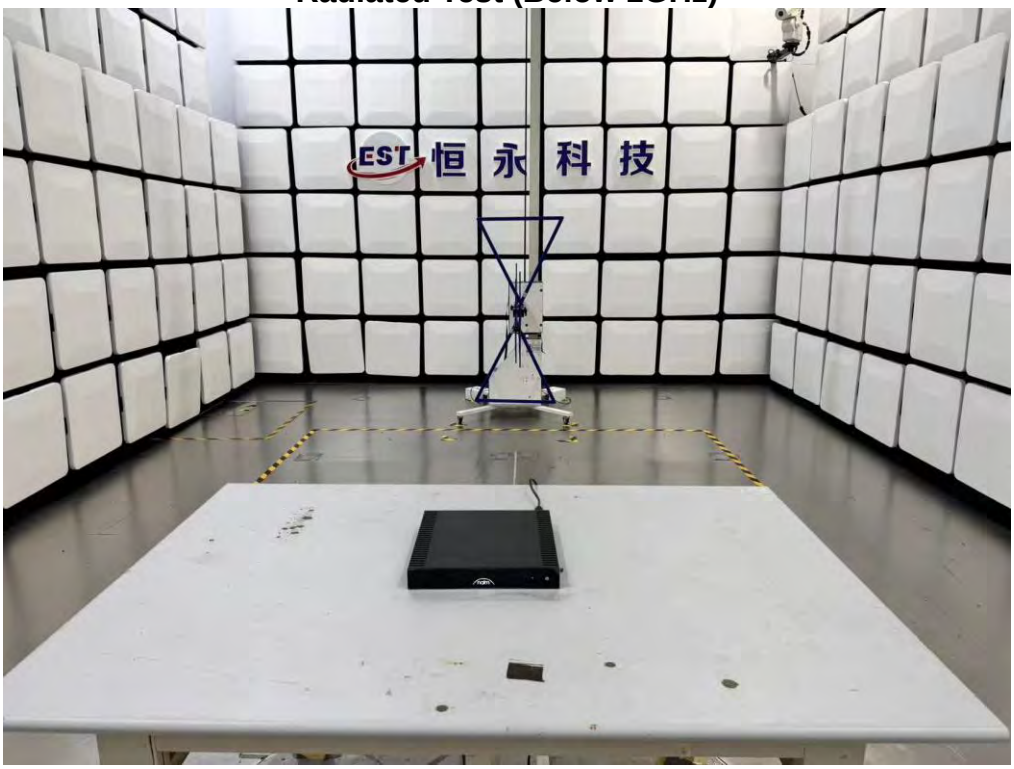
Test Mode	Antenna	Frequency[MHz]	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	-40000.00	-7.722008	20	PASS
11A	Ant1	5180	NV	-20	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	NV	-10	-40000.00	-7.722008	20	PASS
11A	Ant1	5180	NV	0	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	NV	10	-40000.00	-7.722008	20	PASS
11A	Ant1	5180	NV	20	-40000.00	-7.722008	20	PASS
11A	Ant1	5180	NV	30	-40000.00	-7.722008	20	PASS
11A	Ant1	5180	NV	40	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	NV	50	-40000.00	-7.722008	20	PASS
11A	Ant1	5260	NV	-30	-40000.00	-7.604563	20	PASS
11A	Ant1	5260	NV	-20	-40000.00	-7.604563	20	PASS
11A	Ant1	5260	NV	-10	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	NV	0	-40000.00	-7.604563	20	PASS
11A	Ant1	5260	NV	10	-40000.00	-7.604563	20	PASS
11A	Ant1	5260	NV	20	-40000.00	-7.604563	20	PASS
11A	Ant1	5260	NV	30	-40000.00	-7.604563	20	PASS
11A	Ant1	5260	NV	40	-40000.00	-7.604563	20	PASS
11A	Ant1	5260	NV	50	-60000.00	-11.406844	20	PASS
11A	Ant1	5500	NV	-30	-20000.00	-3.636364	20	PASS
11A	Ant1	5500	NV	-20	-40000.00	-7.272727	20	PASS
11A	Ant1	5500	NV	-10	-40000.00	-7.272727	20	PASS
11A	Ant1	5500	NV	0	-20000.00	-3.636364	20	PASS
11A	Ant1	5500	NV	10	-20000.00	-3.636364	20	PASS
11A	Ant1	5500	NV	20	-20000.00	-3.636364	20	PASS
11A	Ant1	5500	NV	30	-40000.00	-7.272727	20	PASS
11A	Ant1	5500	NV	40	-20000.00	-3.636364	20	PASS
11A	Ant1	5500	NV	50	-40000.00	-7.272727	20	PASS
11A	Ant1	5745	NV	-30	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	NV	-20	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	NV	-10	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	NV	0	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	NV	10	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	NV	20	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	NV	30	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	NV	40	-60000.00	-10.443864	20	PASS
11A	Ant1	5745	NV	50	-40000.00	-6.962576	20	PASS

11. TEST SETUP PHOTO

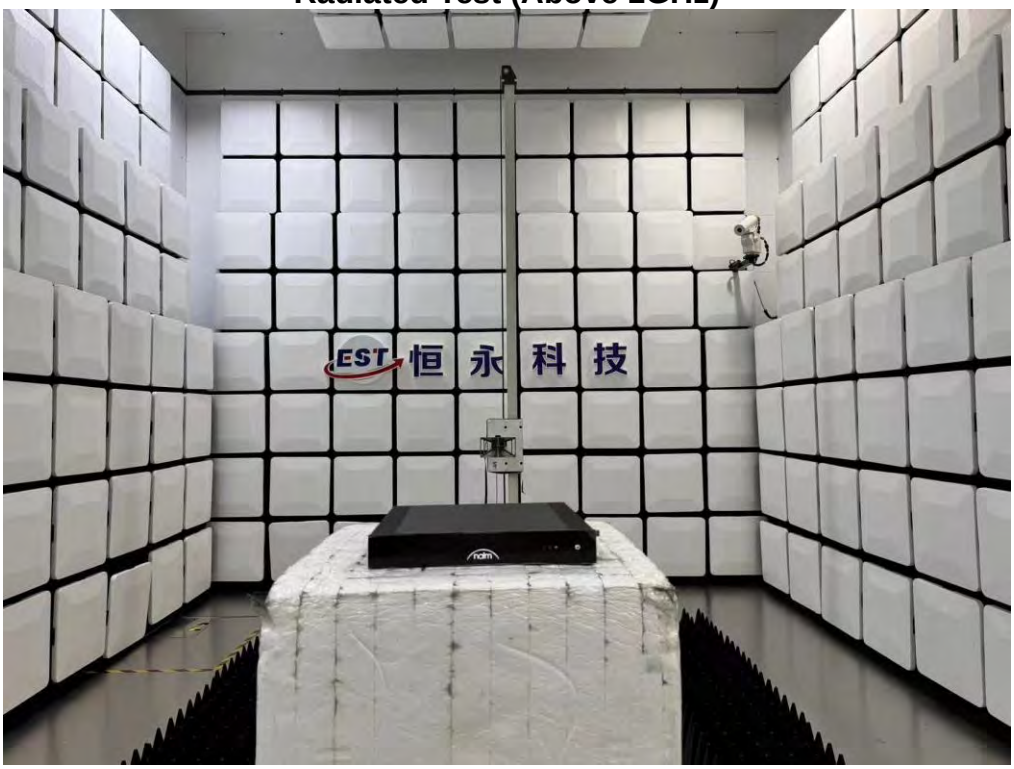
Conducted Test



Radiated Test (Below 1GHz)



Radiated Test (Above 1GHz)

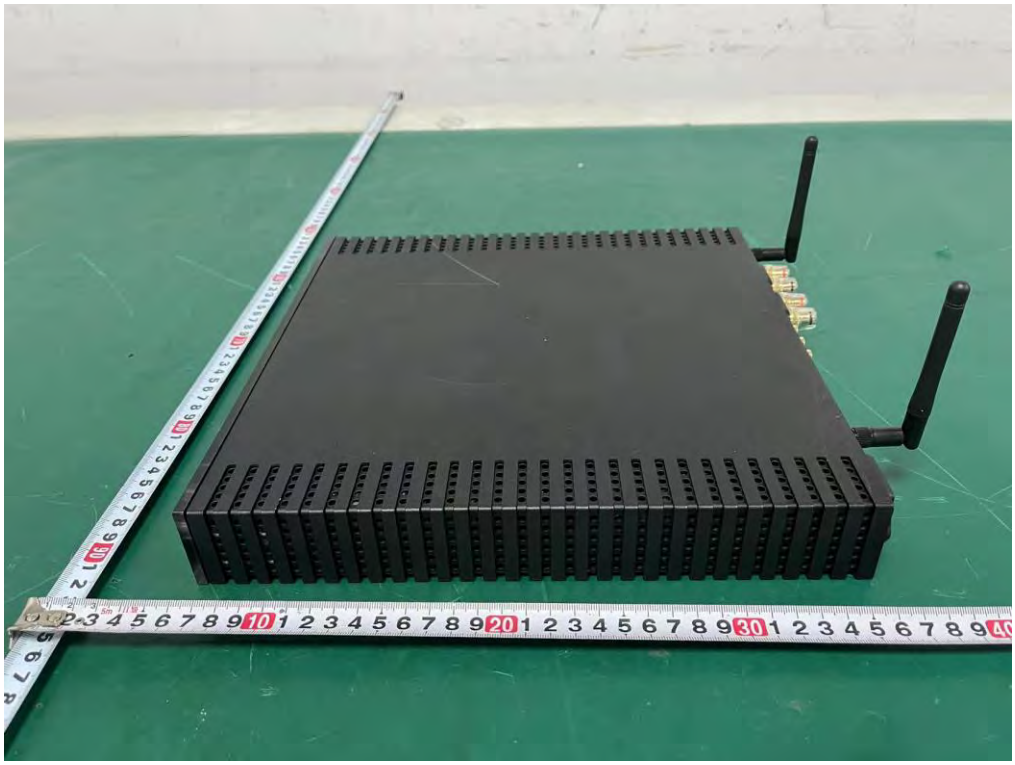


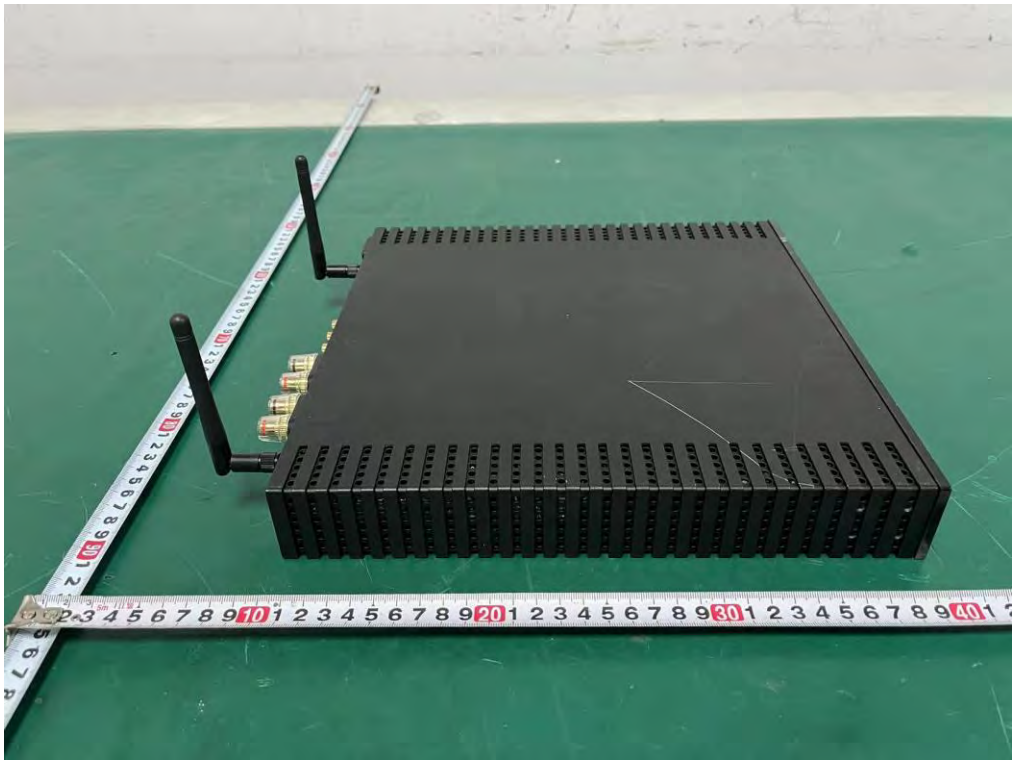
12. EUT PHOTO

External Photos
M/N: CI-Uniti 102

External Photos

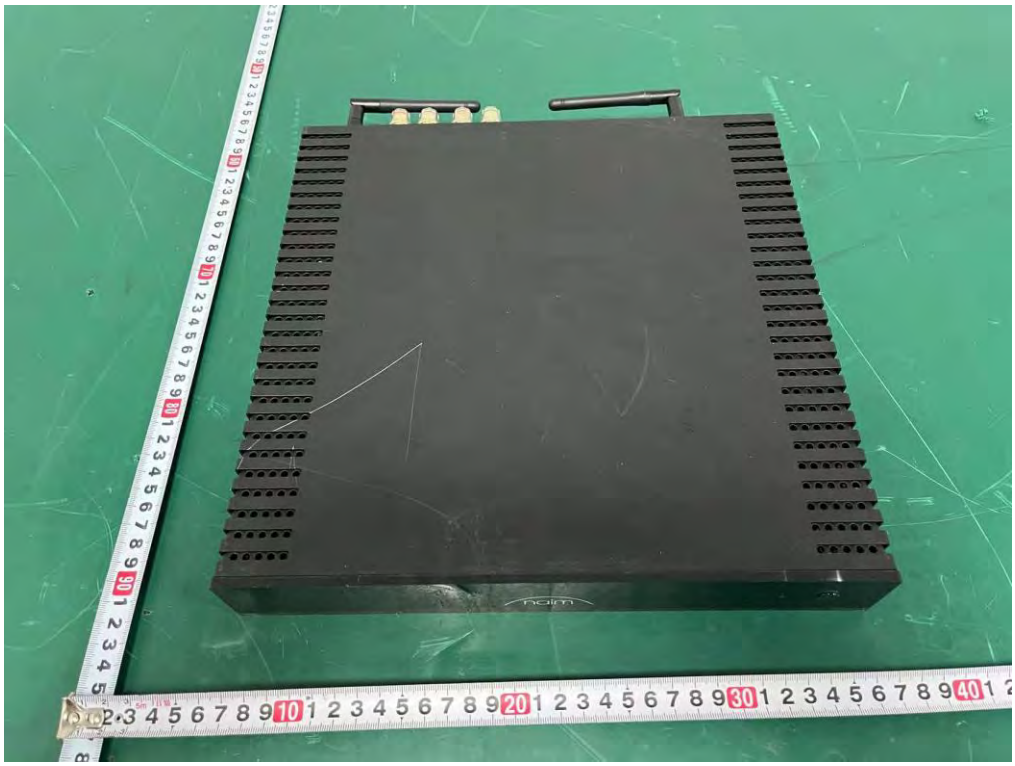
M/N: CI-Uniti 102





External Photos

M/N: CI-Uniti 102



External Photos

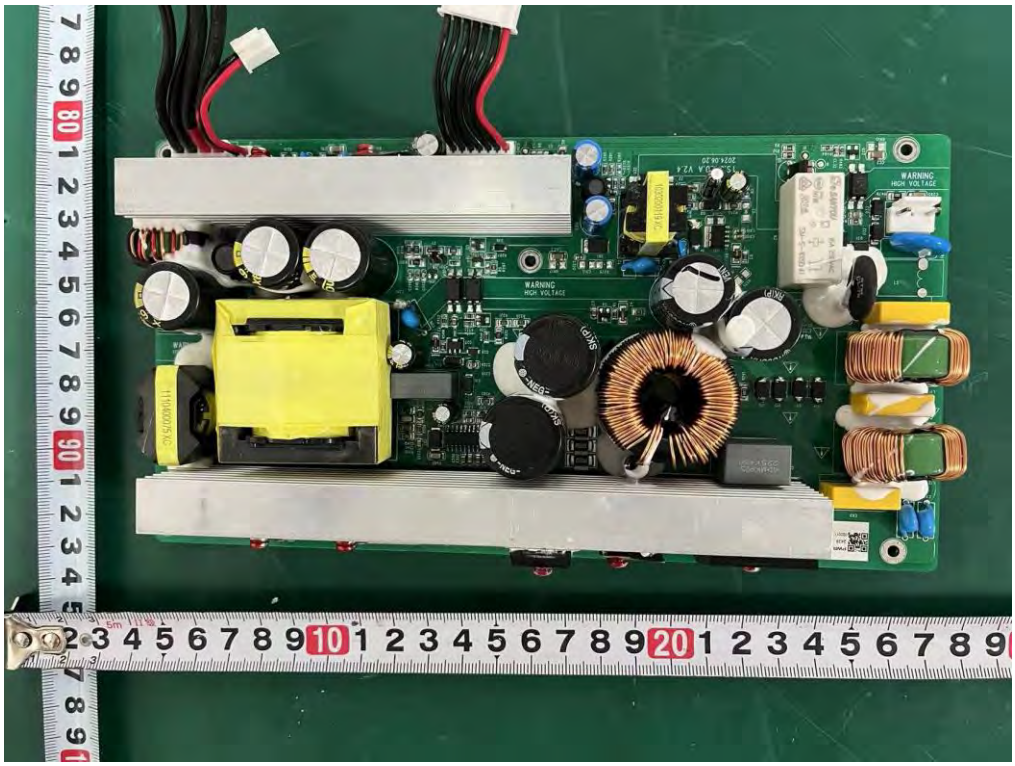
M/N: CI-Uniti 102

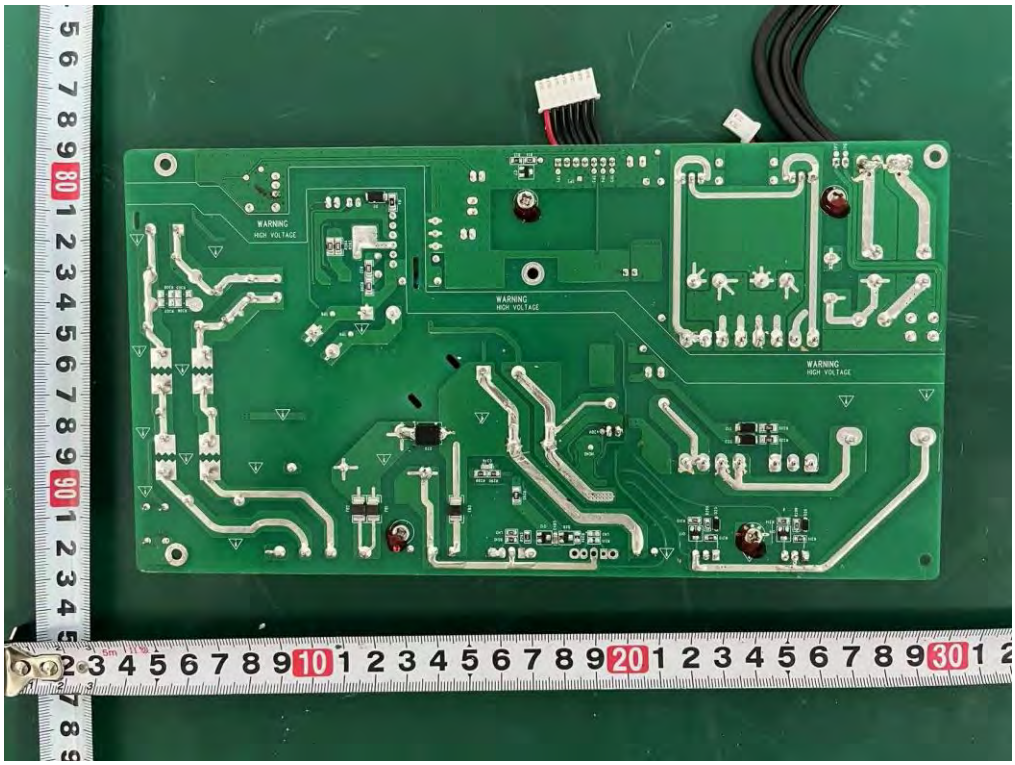
Internal Photos

M/N: CI-Uniti 102

Internal Photos

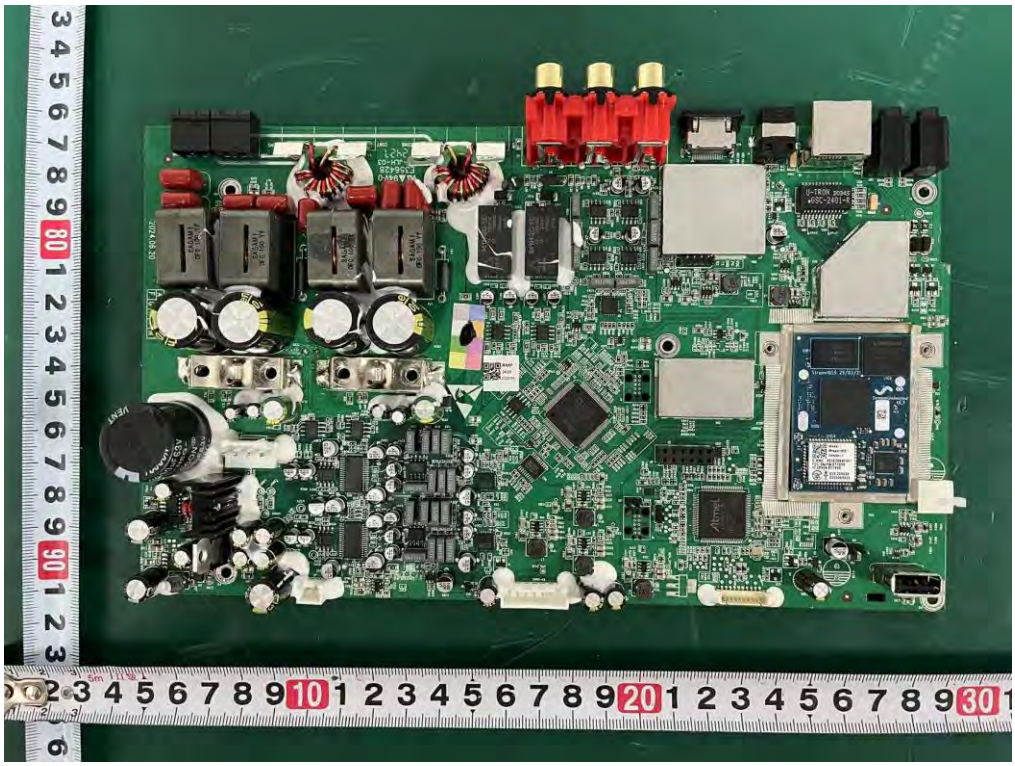
M/N: CI-Uniti 102

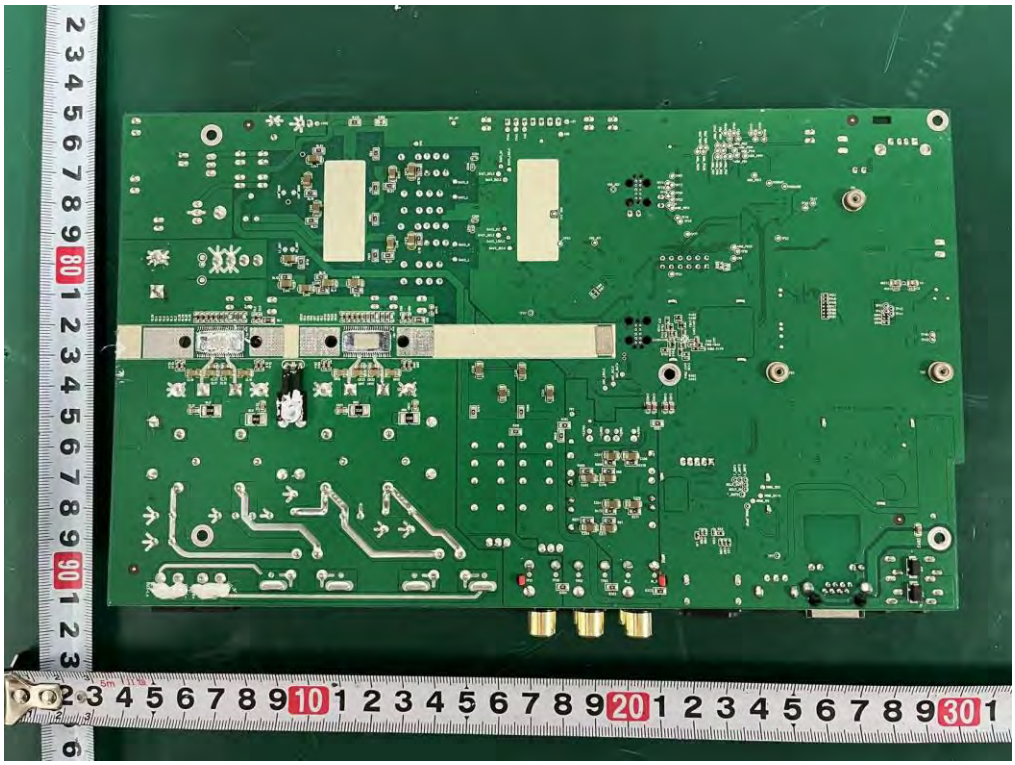




Internal Photos

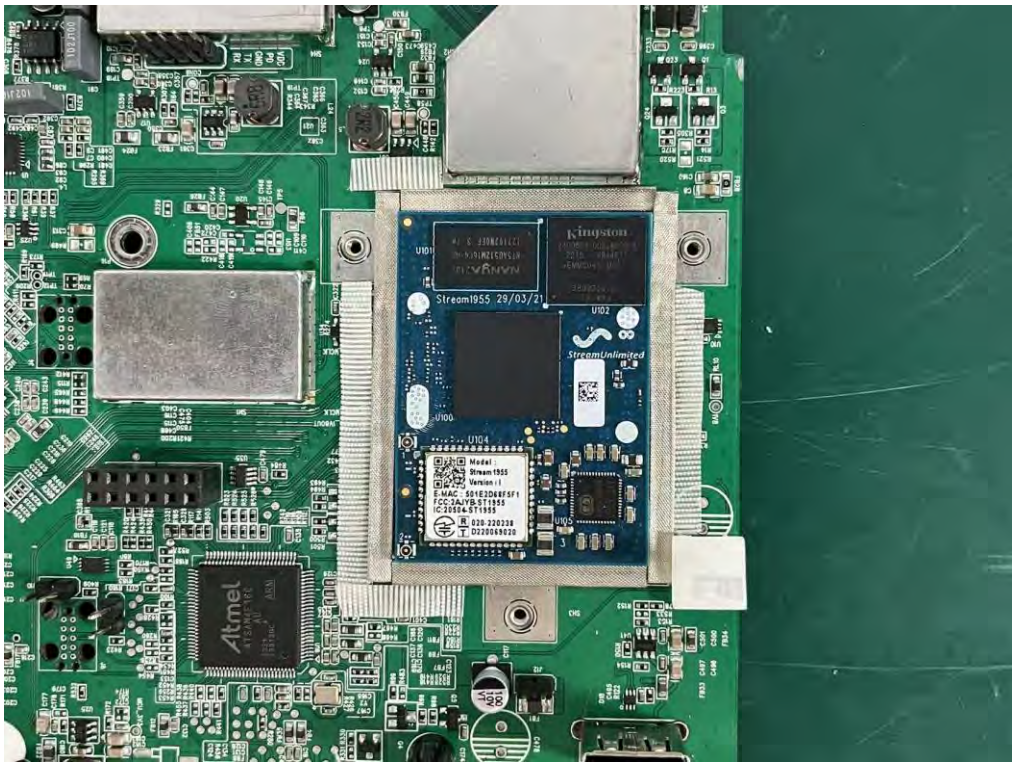
M/N: CI-Uniti 102

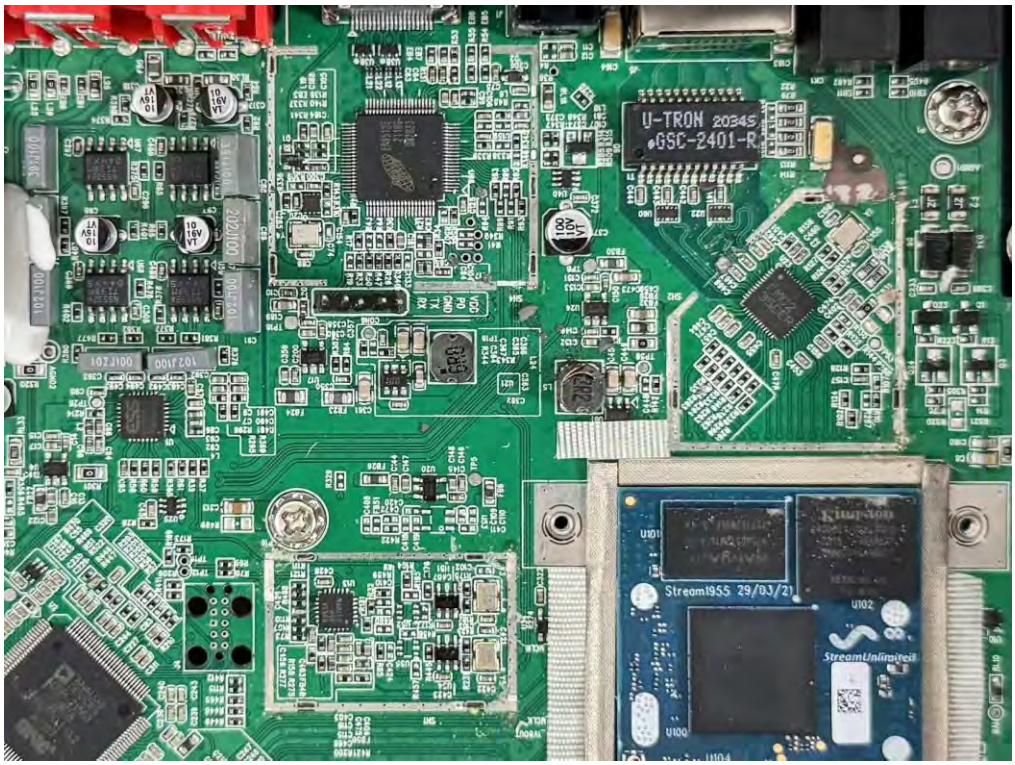




Internal Photos

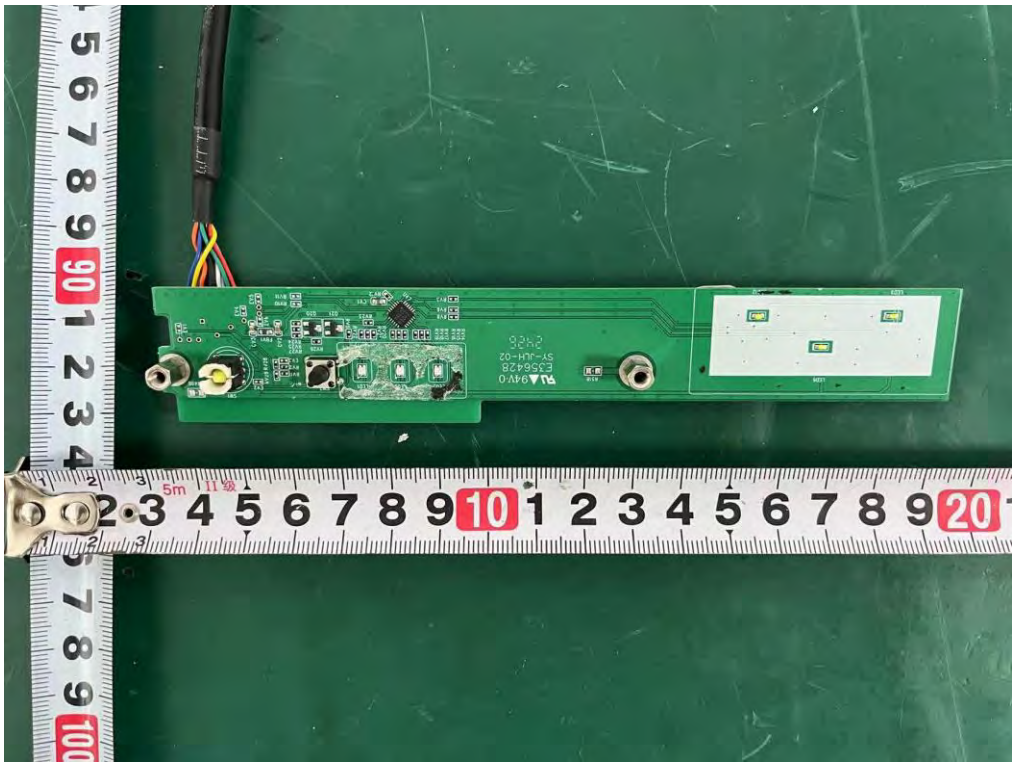
M/N: CI-Uniti 102





Internal Photos

M/N: CI-Uniti 102



End of Test Report