11N40MIMO-Ant1-5795-PASS

11N40MIMO-Ant2-5795-PASS

11AC20MIMO-Ant1-5180-PASS

11AC20MIMO-Ant2-5180-PASS

11AC20MIMO-Ant1-5200-PASS

11AC20MIMO-Ant2-5200-PASS

11AC20MIMO-Ant1-5240-PASS

11AC20MIMO-Ant2-5240-PASS

11AC20MIMO-Ant1-5745-PASS

11AC20MIMO-Ant2-5745-PASS

11AC20MIMO-Ant1-5785-PASS

11AC20MIMO-Ant2-5785-PASS

11AC20MIMO-Ant1-5825-PASS

11AC20MIMO-Ant2-5825-PASS

11AC40MIMO-Ant1-5190-PASS

11AC40MIMO-Ant2-5190-PASS

11AC40MIMO-Ant1-5230-PASS

11AC40MIMO-Ant2-5230-PASS

11AC40MIMO-Ant1-5755-PASS

11AC40MIMO-Ant2-5755-PASS

11AC40MIMO-Ant1-5795-PASS

11AC40MIMO-Ant2-5795-PASS

11AC80MIMO-Ant1-5210-PASS

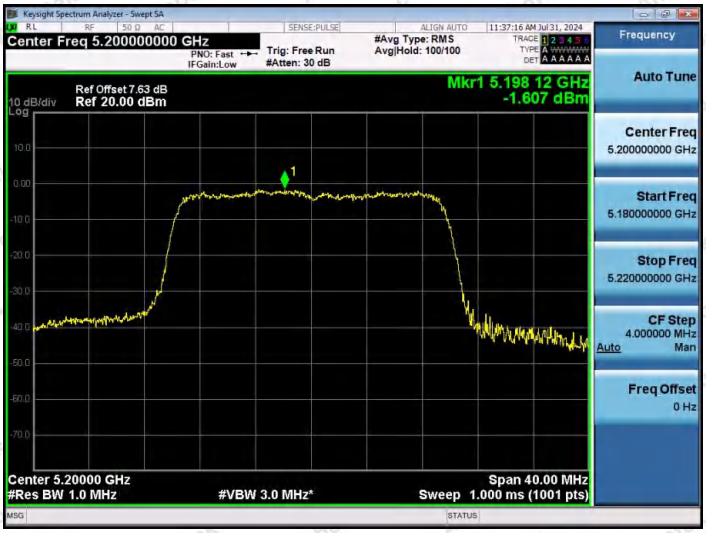
11AC80MIMO-Ant2-5210-PASS

11AC80MIMO-Ant1-5775-PASS

11AC80MIMO-Ant2-5775-PASS

11AX20MIMO-Ant1-5180-PASS

11AX20MIMO-Ant2-5180-PASS



11AX20MIMO-Ant1-5200-PASS

11AX20MIMO-Ant2-5200-PASS

11AX20MIMO-Ant1-5240-PASS

11AX20MIMO-Ant2-5240-PASS

11AX20MIMO-Ant1-5745-PASS

11AX20MIMO-Ant2-5745-PASS

11AX20MIMO-Ant1-5785-PASS

11AX20MIMO-Ant2-5785-PASS

11AX20MIMO-Ant1-5825-PASS

11AX20MIMO-Ant2-5825-PASS

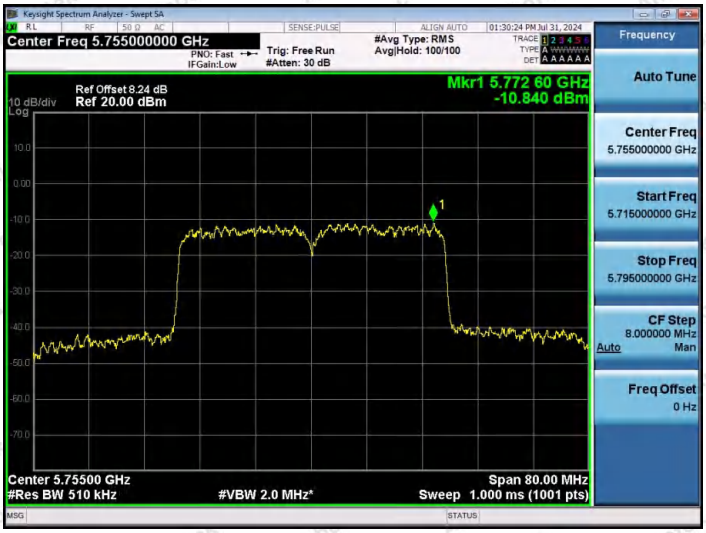
11AX40MIMO-Ant1-5190-PASS

11AX40MIMO-Ant2-5190-PASS

11AX40MIMO-Ant1-5230-PASS

11AX40MIMO-Ant2-5230-PASS

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-Ant1-5775-PASS

11AX80MIMO-Ant2-5775-PASS

Appendix E: Band edge measurements

Test Result B1/2/3

TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-30.04	≤-27	PASS
11A	Ant2	Low	5180	-35.79	≤-27	PASS
11A	Ant1	High	5240	-44.29	≤-27	PASS
11A	Ant2	High	5240	-44.31	≤-27	PASS
11N20MIMO	Ant1	Low	5180	-30.85	≤-27	PASS
11N20MIMO	Ant2	Low	5180	-28.74	≤-27	PASS
11N20MIMO	Ant1	High	5240	-44.74	≤-27	PASS
11N20MIMO	Ant2	High	5240	-44.66	≤-27	PASS
11N40MIMO	Ant1	Low	5190	-30.77	≤-27	PASS
11N40MIMO	Ant2	Low	5190	-31.91	≤-27	PASS
11N40MIMO	Ant1	High	5230	-43.21	≤-27	PASS
11N40MIMO	Ant2	High	5230	-44.51	≤-27	PASS
11AC20MIMO	Ant1	Low	5180	-34.73	≤-27	PASS
11AC20MIMO	Ant2	Low	5180	-35.52	≤-27	PASS
11AC20MIMO	Ant1	High	5240	-44.62	≤-27	PASS
11AC20MIMO	Ant2	High	5240	-44.62	≤-27	PASS
11AC40MIMO	Ant1	Low	5190	-31.87	≤-27	PASS
11AC40MIMO	Ant2	Low	5190	-32.58	≤-27	PASS
11AC40MIMO	Ant1	High	5230	-42.36	≤-27	PASS
11AC40MIMO	Ant2	High	5230	-42.79	≤-27	PASS
11AC80MIMO	Ant1	Low	5210	-30.04	≤-27	PASS
11AC80MIMO	Ant1	High	5210	-41.82	≤-27	PASS
11AC80MIMO	Ant2	Low	5210	-32.99	≤-27	PASS
11AC80MIMO	Ant2	High	5210	-42.13	≤-27	PASS
11AX20MIMO	Ant1	Low	5180	-35.23	≤-27	PASS
11AX20MIMO	Ant2	Low	5180	-34.37	≤-27	PASS
11AX20MIMO	Ant1	High	5240	-44.56	≤-27	PASS
11AX20MIMO	Ant2	High	5240	-44.47	≤-27	PASS
11AX40MIMO	Ant1	Low	5190	-29.98	≤-27	PASS
11AX40MIMO	Ant2	Low	5190	-30.61	≤-27	PASS
11AX40MIMO	Ant1	High	5230	-44.02	≤-27	PASS
11AX40MIMO	Ant2	High	5230	-44.02	≤-27	PASS
11AX80MIMO	Ant1	Low	5210	-28.5	≤-27	PASS
11AX80MIMO	Ant1	High	5210	-38.58	≤-27	PASS
11AX80MIMO	Ant2	Low	5210	-28.01	≤-27	PASS
11AX80MIMO	Ant2	High	5210	-42.49	≤-27	PASS

Note: The margin is at least greater than the antenna gain plus the cable loss plus 3.01.

Test Result B4

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5720~5725	-25.59	≤19.23	PASS
11A	Ant1	Low	5745	5700~5720	-25.85	≤15.47	PASS
11A	Ant1	Low	5745	5650~5700	-46.36	≤-26.70	PASS
11A	Ant1	Low	5745	5760~5650	-44.77	≤-27	PASS
11A	Ant2	Low	5745	5720~5725	-26.22	≤16.34	PASS
11A	Ant2	Low	5745	5700~5720	-25.81	≤14.63	PASS
11A	Ant2	Low	5745	5650~5700	-45.59	≤-26.87	PASS
11A	Ant2	Low	5745	5760~5650	-45.17	≤-27	PASS
11A	Ant1	High	5825	5850~5855	-38.71	≤16.03	PASS
11A	Ant1	High	5825	5855~5875	-36.66	≤15.54	PASS
11A	Ant1	High	5825	5875~5925	-45.11	≤-26.71	PASS
11A	Ant1	High	5825	5925~5935	-45.47	≤-27	PASS
11A	Ant2	High	5825	5850~5855	-29.24	≤17.26	PASS
11A	Ant2	High	5825	5855~5875	-30.69	≤14.94	PASS
11A	Ant2	High	5825	5875~5925	-46.31	≤-26.31	PASS
11A	Ant2	High	5825	5925~5935	-44.89	≤-27	PASS
11N20MIMO	Ant1	Low	5745	5720~5725	-30.27	≤18.96	PASS
11N20MIMO	Ant1	Low	5745	5700~5720	-30.34	≤14.95	PASS
11N20MIMO	Ant1	Low	5745	5650~5700	-45.4	≤-25.85	PASS
11N20MIMO	Ant1	Low	5745	5760~5650	-43.8	≤-27	PASS
11N20MIMO	Ant2	Low	5745	5720~5725	-30.87	≤17.91	PASS
11N20MIMO	Ant2	Low	5745	5700~5720	-31.15	≤15.53	PASS
11N20MIMO	Ant2	Low	5745	5650~5700	-45.51	≤-26.70	PASS
11N20MIMO	Ant2	Low	5745	5760~5650	-45.63	≤-27	PASS
11N20MIMO	Ant1	High	5825	5850~5855	-36.14	≤16.03	PASS
11N20MIMO	Ant1	High	5825	5855~5875	-33.55	≤15.28	PASS
11N20MIMO	Ant1	High	5825	5875~5925	-44.48	≤-26.51	PASS

11N20MIMO	Ant1	High	5825	5925~5935	-44.34	≤-27	PASS
11N20MIMO	Ant2	High	5825	5850~5855	-36.86	≤16.34	PASS
11N20MIMO	Ant2	High	5825	5855~5875	-33.75	≤15.09	PASS
11N20MIMO	Ant2	High	5825	5875~5925	-45.49	≤-26.21	PASS
11N20MIMO	Ant2	High	5825	5925~5935	-45.65	≤-27	PASS
11N40MIMO	Ant1	Low	5755	5720~5725	-24.79	≤20.97	PASS
11N40MIMO	Ant1	Low	5755	5700~5720	-23.83	≤15.05	PASS
11N40MIMO	Ant1	Low	5755	5650~5700	-45.33	≤-26.90	PASS
11N40MIMO	Ant1	Low	5755	5780~5650	-44.4	≤-27	PASS
11N40MIMO	Ant2	Low	5755	5720~5725	-25.34	≤20.66	PASS
11N40MIMO	Ant2	Low	5755	5700~5720	-23.59	≤15.05	PASS
11N40MIMO	Ant2	Low	5755	5650~5700	-44.76	≤-26.40	PASS
11N40MIMO	Ant2	Low	5755	5780~5650	-44.47	≤-27	PASS
11N40MIMO	Ant1	High	5795	5850~5855	-44.87	≤16.03	PASS
11N40MIMO	Ant1	High	5795	5855~5875	-39.1	≤15.33	PASS
11N40MIMO	Ant1	High	5795	5875~5925	-44.85	≤-26.22	PASS
11N40MIMO	Ant1	High	5795	5925~5935	-45.62	≤-27	PASS
11N40MIMO	Ant2	High	5795	5850~5855	-41.82	≤19.04	PASS
11N40MIMO	Ant2	High	5795	5855~5875	-44.67	≤10.80	PASS
11N40MIMO	Ant2	High	5795	5875~5925	-45.86	≤-26.83	PASS
11N40MIMO	Ant2	High	5795	5925~5935	-44.5	≤-27	PASS
11AC20M	Ant1	Low	5745	5720~5725	-28.47	≤16.60	PASS

IMO							
11AC20M IMO	Ant1	Low	5745	5700~5720	-27.58	≤14.98	PASS
11AC20M IMO	Ant1	Low	5745	5650~5700	-44.79	≤-26.27	PASS
11AC20M IMO	Ant1	Low	5745	5760~5650	-45.29	≤-27	PASS
11AC20M IMO	Ant2	Low	5745	5720~5725	-27.11	≤17.65	PASS
11AC20M IMO	Ant2	Low	5745	5700~5720	-28.06	≤15.05	PASS
11AC20M IMO	Ant2	Low	5745	5650~5700	-45.42	≤-26.10	PASS
11AC20M IMO	Ant2	Low	5745	5760~5650	-45.09	≤-27	PASS
11AC20M IMO	Ant1	High	5825	5850~5855	-35.15	≤16.03	PASS
11AC20M IMO	Ant1	High	5825	5855~5875	-31.83	≤15.43	PASS
11AC20M IMO	Ant1	High	5825	5875~5925	-45.67	≤-26.91	PASS
11AC20M IMO	Ant1	High	5825	5925~5935	-44.85	≤-27	PASS
11AC20M IMO	Ant2	High	5825	5850~5855	-35.19	≤15.73	PASS
11AC20M IMO	Ant2	High	5825	5855~5875	-32.29	≤15.35	PASS
11AC20M IMO	Ant2	High	5825	5875~5925	-45.49	≤-26.61	PASS
11AC20M IMO	Ant2	High	5825	5925~5935	-45.04	≤-27	PASS
11AC40M IMO	Ant1	Low	5755	5720~5725	-18.53	≤18.51	PASS
11AC40M IMO	Ant1	Low	5755	5700~5720	-19.24	≤14.97	PASS
11AC40M IMO	Ant1	Low	5755	5650~5700	-41.4	≤-26.90	PASS
11AC40M IMO	Ant1	Low	5755	5780~5650	-43.51	≤-27	PASS
11AC40M IMO	Ant2	Low	5755	5720~5725	-21.41	≤16.04	PASS
11AC40M IMO	Ant2	Low	5755	5700~5720	-19.76	≤15.05	PASS

11AC40M IMO	Ant2	Low	5755	5650~5700	-41.56	≤-26.20	PASS
11AC40M IMO	Ant2	Low	5755	5780~5650	-41.67	≤-27	PASS
11AC40M IMO	Ant1	High	5795	5850~5855	-33.5	≤16.41	PASS
11AC40M IMO	Ant1	High	5795	5855~5875	-32.73	≤13.81	PASS
11AC40M IMO	Ant1	High	5795	5875~5925	-45.15	≤-25.98	PASS
11AC40M IMO	Ant1	High	5795	5925~5935	-44.9	≤-27	PASS
11AC40M IMO	Ant2	High	5795	5850~5855	-31.76	≤19.04	PASS
11AC40M IMO	Ant2	High	5795	5855~5875	-34.55	≤12.10	PASS
11AC40M IMO	Ant2	High	5795	5875~5925	-45.35	≤-26.95	PASS
11AC40M IMO	Ant2	High	5795	5925~5935	-44.18	≤-27	PASS
11AC80M IMO	Ant1	Low	5775	5720~5725	-25.71	≤16.00	PASS
11AC80M IMO	Ant1	Low	5775	5700~5720	-23.47	≤10.96	PASS
11AC80M IMO	Ant1	Low	5775	5650~5700	-33.96	≤-26.91	PASS
11AC80M IMO	Ant1	Low	5775	5800~5650	-33.27	≤-27	PASS
11AC80M IMO	Ant1	High	5775	5850~5855	-26.08	≤15.84	PASS
11AC80M IMO	Ant1	High	5775	5855~5875	-25.59	≤10.76	PASS
11AC80M IMO	Ant1	High	5775	5875~5925	-36.51	≤-26.60	PASS
11AC80M IMO	Ant1	High	5775	5925~5935	-35.21	≤-27	PASS
11AC80M IMO	Ant2	Low	5775	5720~5725	-26.3	≤15.65	PASS
11AC80M IMO	Ant2	Low	5775	5700~5720	-24.02	≤10.92	PASS
11AC80M IMO	Ant2	Low	5775	5650~5700	-32.64	≤-26.91	PASS
11AC80M	Ant2	Low	5775	5800~5650	-33.55	≤-27	PASS

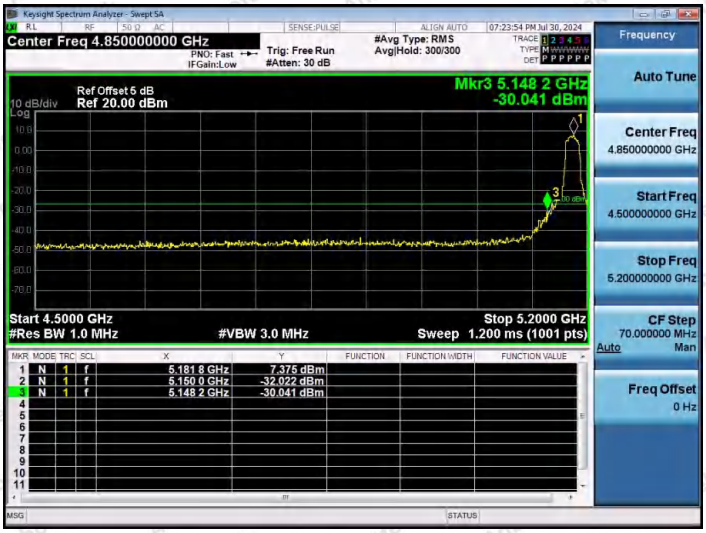
IMO							
11AC80M IMO	Ant2	High	5775	5850~5855	-28.53	≤16.26	PASS
11AC80M IMO	Ant2	High	5775	5855~5875	-26.41	≤10.86	PASS
11AC80M IMO	Ant2	High	5775	5875~5925	-35.68	≤-26.05	PASS
11AC80M IMO	Ant2	High	5775	5925~5935	-35.43	≤-27	PASS
11AX20M IMO	Ant1	Low	5745	5720~5725	-32.31	≤15.82	PASS
11AX20M IMO	Ant1	Low	5745	5700~5720	-32.37	≤14.95	PASS
11AX20M IMO	Ant1	Low	5745	5650~5700	-46.3	≤-26.62	PASS
11AX20M IMO	Ant1	Low	5745	5760~5650	-44.66	≤-27	PASS
11AX20M IMO	Ant2	Low	5745	5720~5725	-31.64	≤16.87	PASS
11AX20M IMO	Ant2	Low	5745	5700~5720	-31.12	≤15.47	PASS
11AX20M IMO	Ant2	Low	5745	5650~5700	-44.45	≤-26.79	PASS
11AX20M IMO	Ant2	Low	5745	5760~5650	-45.71	≤-27	PASS
11AX20M IMO	Ant1	High	5825	5850~5855	-31.03	≤16.96	PASS
11AX20M IMO	Ant1	High	5825	5855~5875	-32.65	≤15.50	PASS
11AX20M IMO	Ant1	High	5825	5875~5925	-45.66	≤-25.71	PASS
11AX20M IMO	Ant1	High	5825	5925~5935	-44.72	≤-27	PASS
11AX20M IMO	Ant2	High	5825	5850~5855	-31.42	≤16.34	PASS
11AX20M IMO	Ant2	High	5825	5855~5875	-31.52	≤14.52	PASS
11AX20M IMO	Ant2	High	5825	5875~5925	-44.95	≤-26.61	PASS
11AX20M IMO	Ant2	High	5825	5925~5935	-43.89	≤-27	PASS
11AX40M IMO	Ant1	Low	5755	5720~5725	-32.99	≤15.74	PASS

11AX40M IMO	Ant1	Low	5755	5700~5720	-30.4	≤14.97	PASS
11AX40M IMO	Ant1	Low	5755	5650~5700	-45.95	≤-26.60	PASS
11AX40M IMO	Ant1	Low	5755	5780~5650	-45.58	≤-27	PASS
11AX40M IMO	Ant2	Low	5755	5720~5725	-33.87	≤16.04	PASS
11AX40M IMO	Ant2	Low	5755	5700~5720	-32.6	≤14.14	PASS
11AX40M IMO	Ant2	Low	5755	5650~5700	-45.86	≤-26.30	PASS
11AX40M IMO	Ant2	Low	5755	5780~5650	-44.66	≤-27	PASS
11AX40M IMO	Ant1	High	5795	5850~5855	-42.62	≤16.41	PASS
11AX40M IMO	Ant1	High	5795	5855~5875	-44.92	≤10.66	PASS
11AX40M IMO	Ant1	High	5795	5875~5925	-46.71	≤-26.95	PASS
11AX40M IMO	Ant1	High	5795	5925~5935	-44.78	≤-27	PASS
11AX40M IMO	Ant2	High	5795	5850~5855	-44.78	≤16.03	PASS
11AX40M IMO	Ant2	High	5795	5855~5875	-44.19	≤10.80	PASS
11AX40M IMO	Ant2	High	5795	5875~5925	-45.71	≤-26.71	PASS
11AX40M IMO	Ant2	High	5795	5925~5935	-45.07	≤-27	PASS
11AX80M IMO	Ant1	Low	5775	5720~5725	-34.21	≤16.00	PASS
11AX80M IMO	Ant1	Low	5775	5700~5720	-33.98	≤11.09	PASS
11AX80M IMO	Ant1	Low	5775	5650~5700	-41.38	≤-26.11	PASS
11AX80M IMO	Ant1	Low	5775	5800~5650	-39.57	≤-27	PASS
11AX80M IMO	Ant1	High	5775	5850~5855	-30.69	≤16.68	PASS
11AX80M IMO	Ant1	High	5775	5855~5875	-31.06	≤10.97	PASS
11AX80M	Ant1	High	5775	5875~5925	-38.17	≤-24.95	PASS

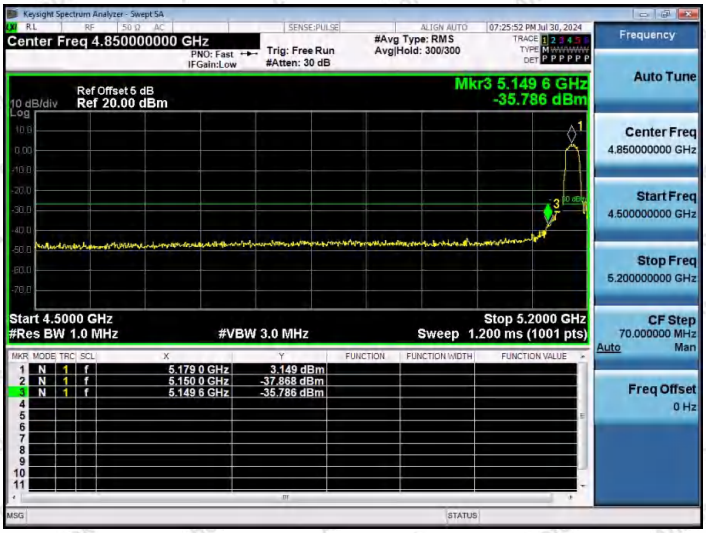
IMO							
11AX80M IMO	Ant1	High	5775	5925~5935	-39.81	≤-27	PASS
11AX80M IMO	Ant2	Low	5775	5720~5725	-35.18	≤15.65	PASS
11AX80M IMO	Ant2	Low	5775	5700~5720	-33.89	≤10.74	PASS
11AX80M IMO	Ant2	Low	5775	5650~5700	-41.07	≤-26.23	PASS
11AX80M IMO	Ant2	Low	5775	5800~5650	-40.35	≤-27	PASS
11AX80M IMO	Ant2	High	5775	5850~5855	-30.29	≤17.95	PASS
11AX80M IMO	Ant2	High	5775	5855~5875	-31.24	≤10.66	PASS
11AX80M IMO	Ant2	High	5775	5875~5925	-38.84	≤-25.91	PASS
11AX80M IMO	Ant2	High	5775	5925~5935	-39.94	≤-27	PASS

Note: The margin is at least greater than the antenna gain plus the cable loss plus 3.01.

Test Graphs B1/2/3

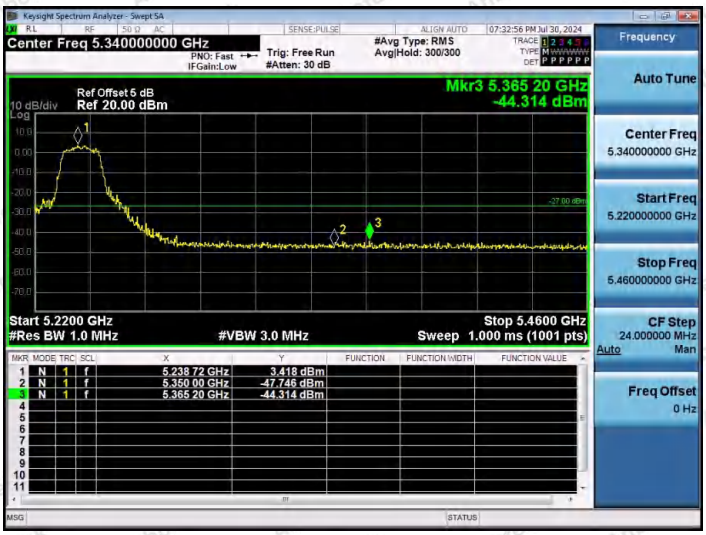


11A-Ant1-5180-PASS

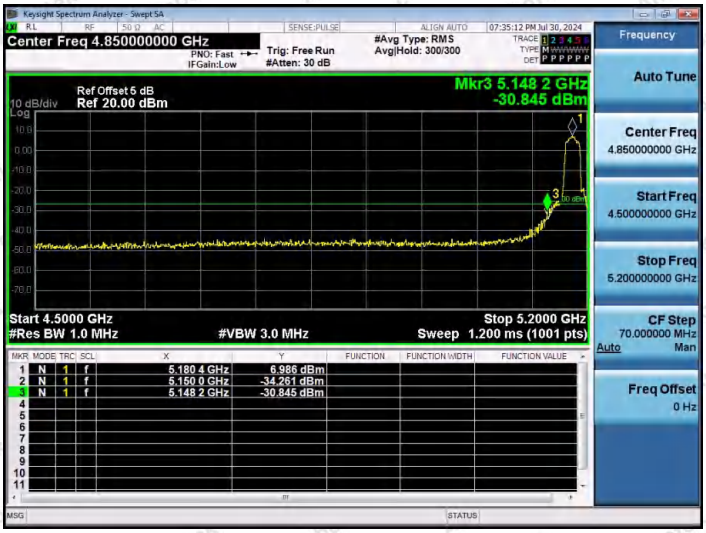


11A-Ant2-5180-PASS

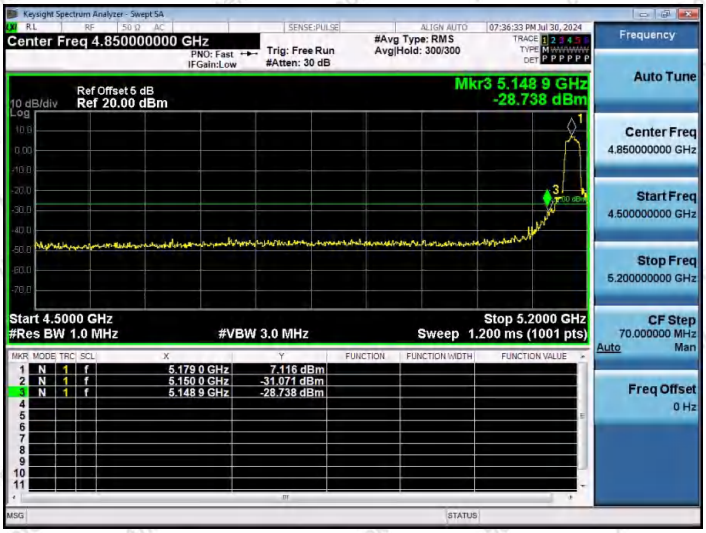
11A-Ant1-5240-PASS



11A-Ant2-5240-PASS



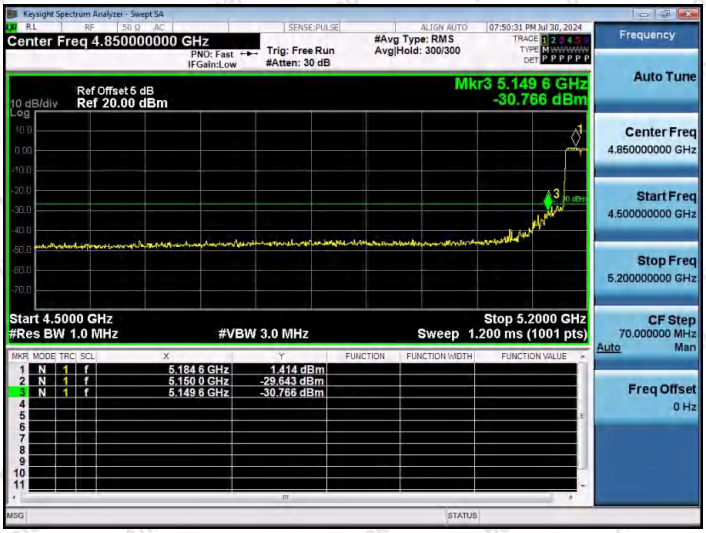
11N20MIMO-Ant1-5180-PASS



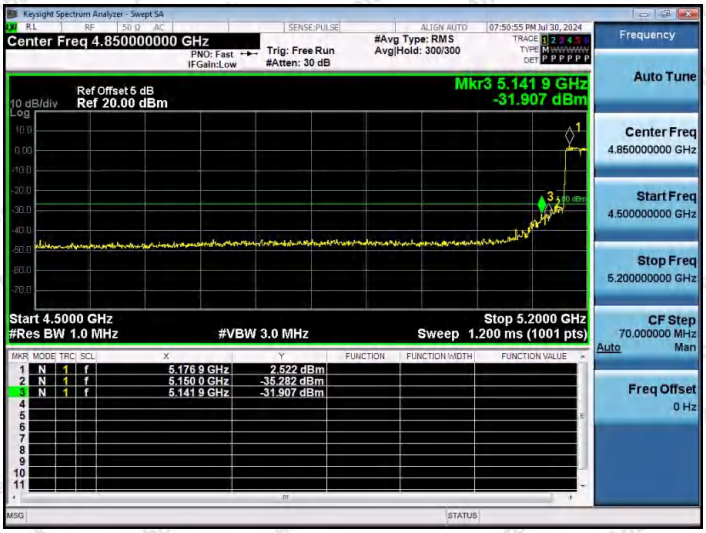
11N20MIMO-Ant2-5180-PASS

11N20MIMO-Ant1-5240-PASS

11N20MIMO-Ant2-5240-PASS



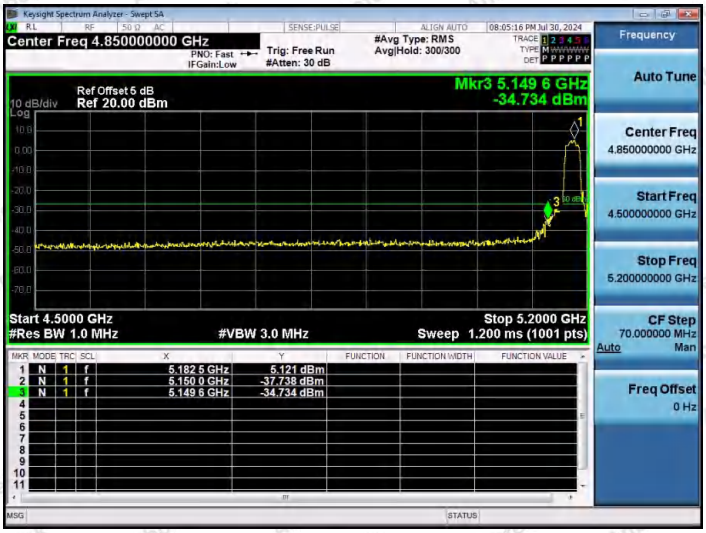
11N40MIMO-Ant1-5190-PASS



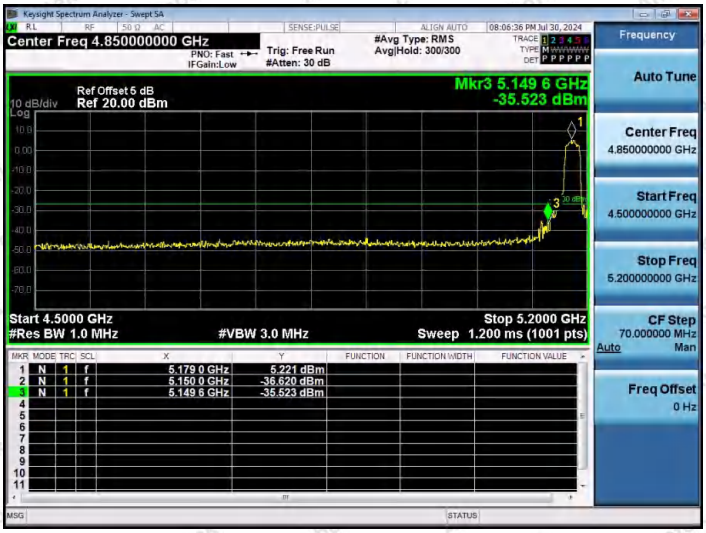
11N40MIMO-Ant2-5190-PASS

11N40MIMO-Ant1-5230-PASS

11N40MIMO-Ant2-5230-PASS



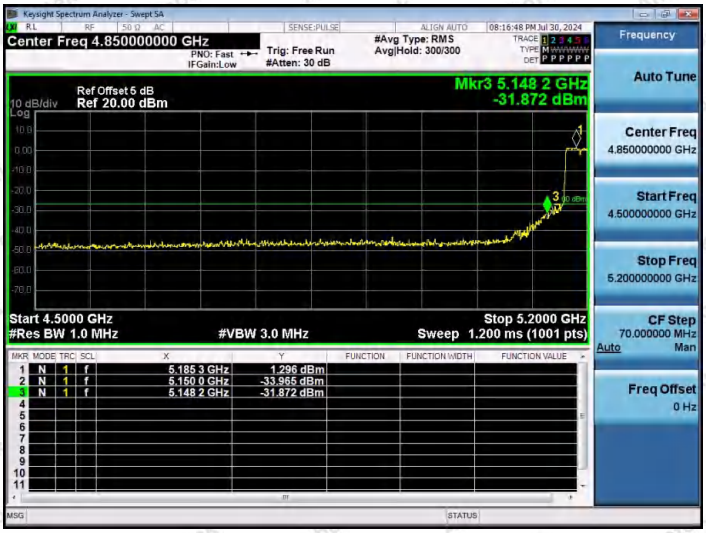
11AC20MIMO-Ant1-5180-PASS



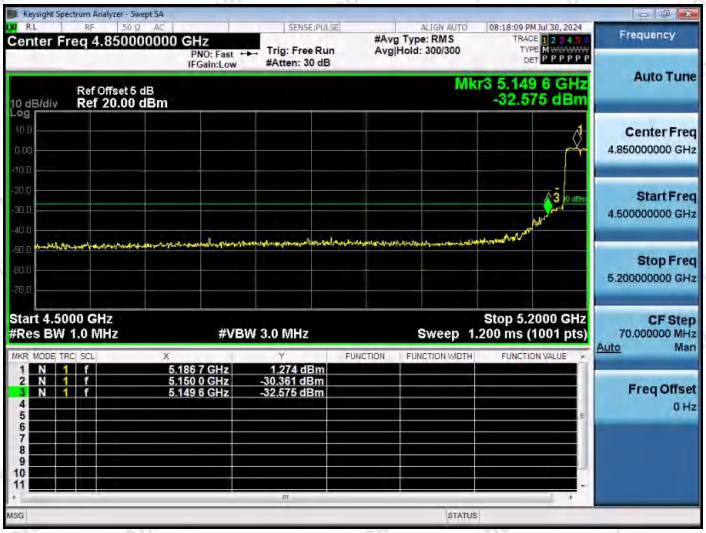
11AC20MIMO-Ant2-5180-PASS

11AC20MIMO-Ant1-5240-PASS

11AC20MIMO-Ant2-5240-PASS



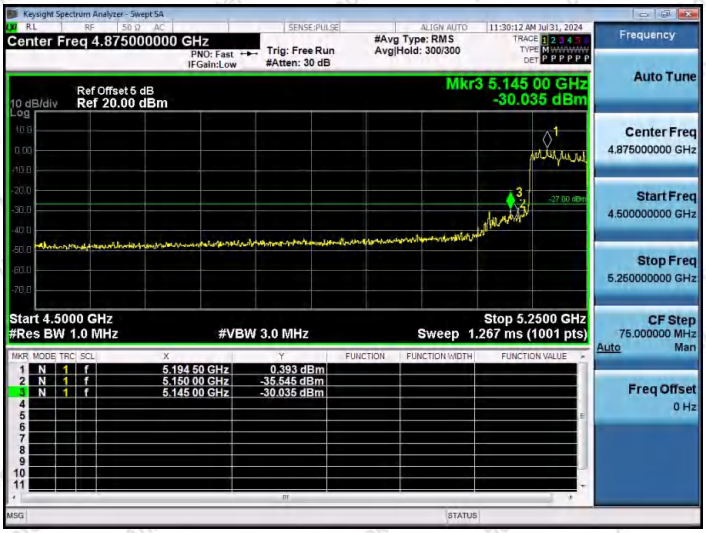
11AC40MIMO-Ant1-5190-PASS



11AC40MIMO-Ant2-5190-PASS

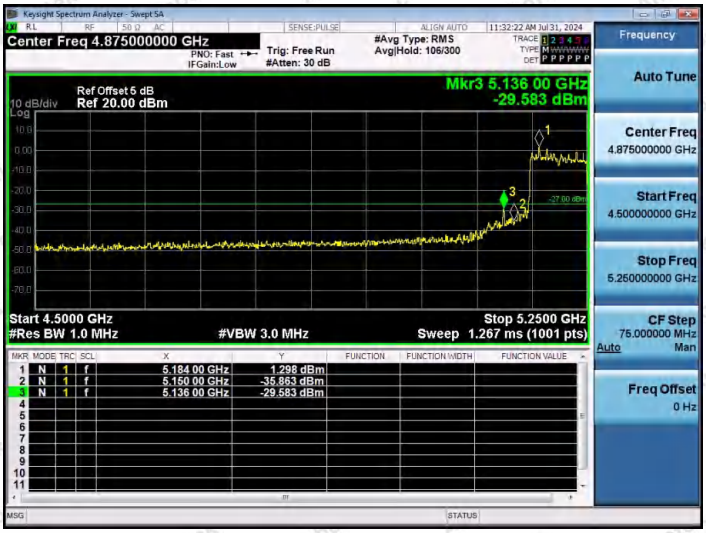
11AC40MIMO-Ant1-5230-PASS

11AC40MIMO-Ant2-5230-PASS



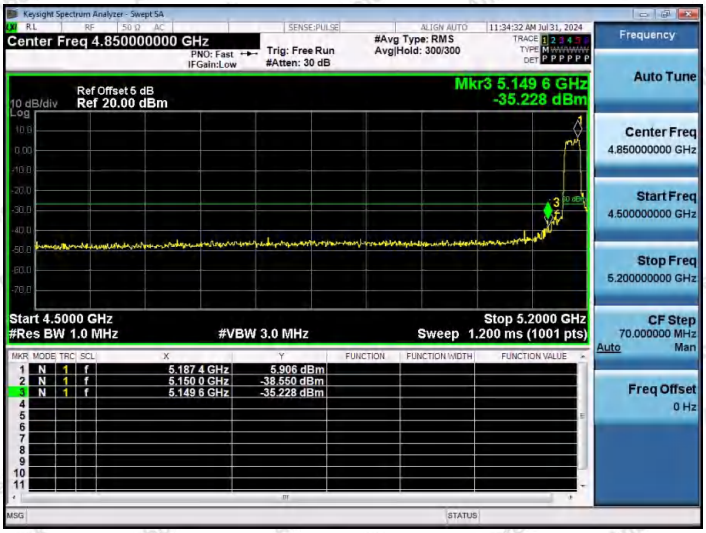
11AC80MIMO-Ant1-5210-PASS

11AC80MIMO-Ant1-5210-PASS

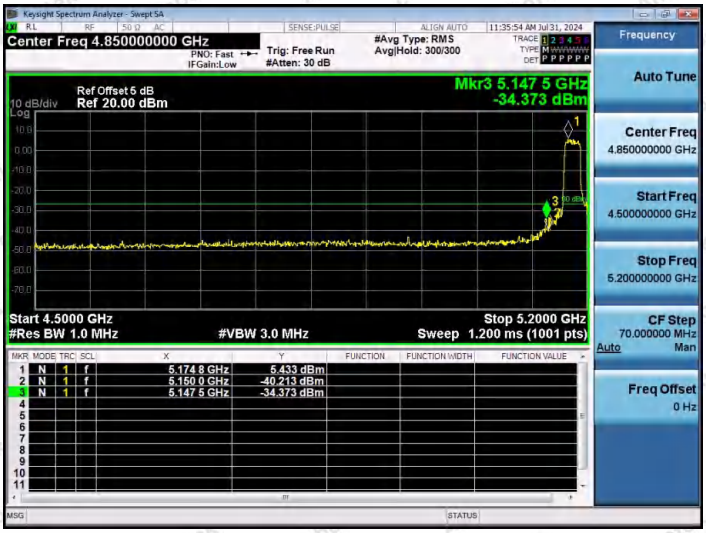


11AC80MIMO-Ant2-5210-PASS

11AC80MIMO-Ant2-5210-PASS



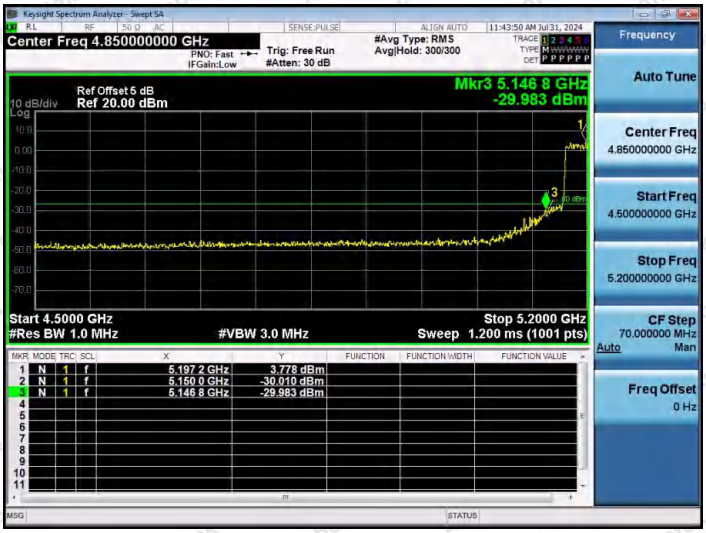
11AX20MIMO-Ant1-5180-PASS



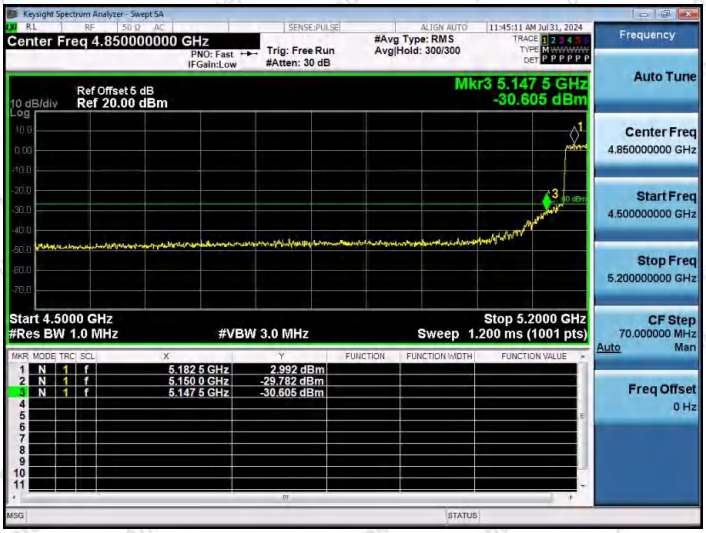
11AX20MIMO-Ant2-5180-PASS

11AX20MIMO-Ant1-5240-PASS

11AX20MIMO-Ant2-5240-PASS



11AX40MIMO-Ant1-5190-PASS



11AX40MIMO-Ant2-5190-PASS

11AX40MIMO-Ant1-5230-PASS

11AX40MIMO-Ant2-5230-PASS

11AX80MIMO-Ant1-5210-PASS

11AX80MIMO-Ant1-5210-PASS

11AX80MIMO-Ant2-5210-PASS

11AX80MIMO-Ant2-5210-PASS

Test Graphs B4

11A-Ant1-5745-PASS

11A-Ant2-5745-PASS

11A-Ant1-5825-PASS

11A-Ant2-5825-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

11AC20MIMO-Ant1-5745-PASS

11AC20MIMO-Ant2-5745-PASS

11AC20MIMO-Ant1-5825-PASS

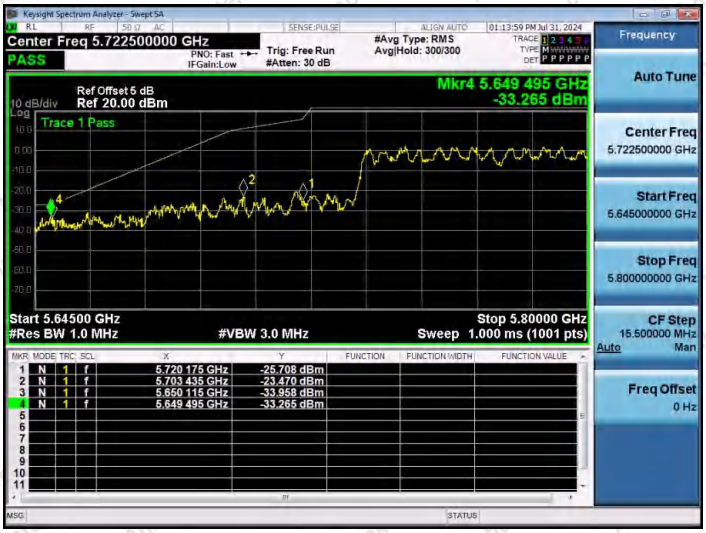
11AC20MIMO-Ant2-5825-PASS

11AC40MIMO-Ant1-5755-PASS

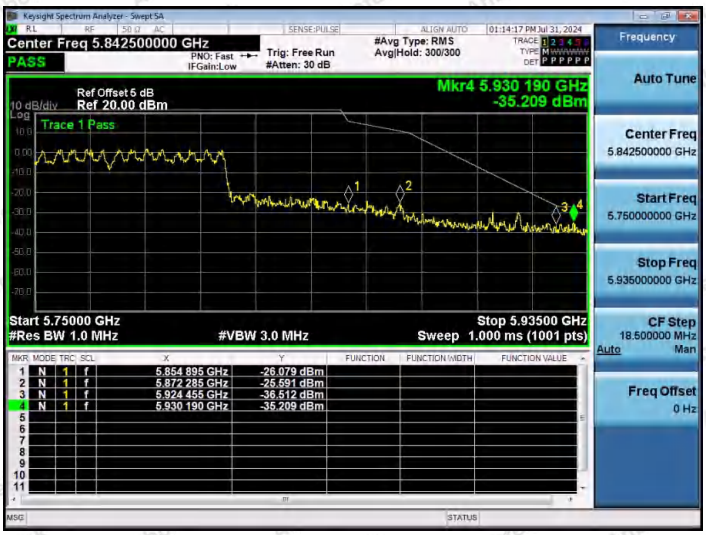
11AC40MIMO-Ant2-5755-PASS

11AC40MIMO-Ant1-5795-PASS

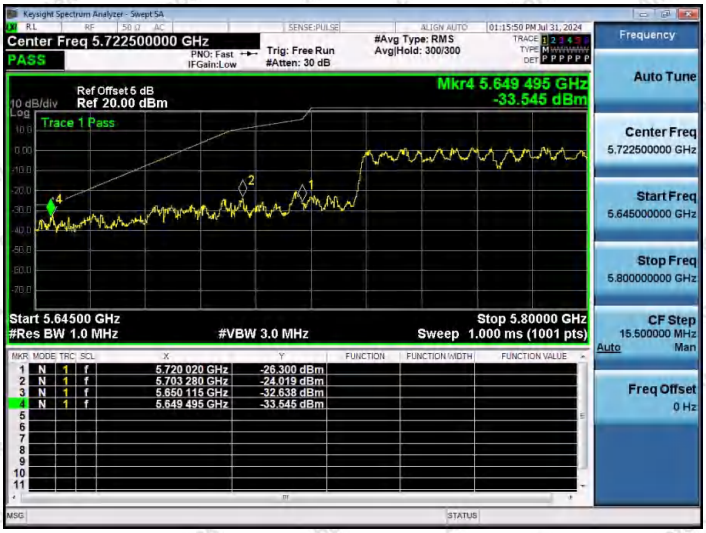
11AC40MIMO-Ant2-5795-PASS



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-Ant1-5825-PASS

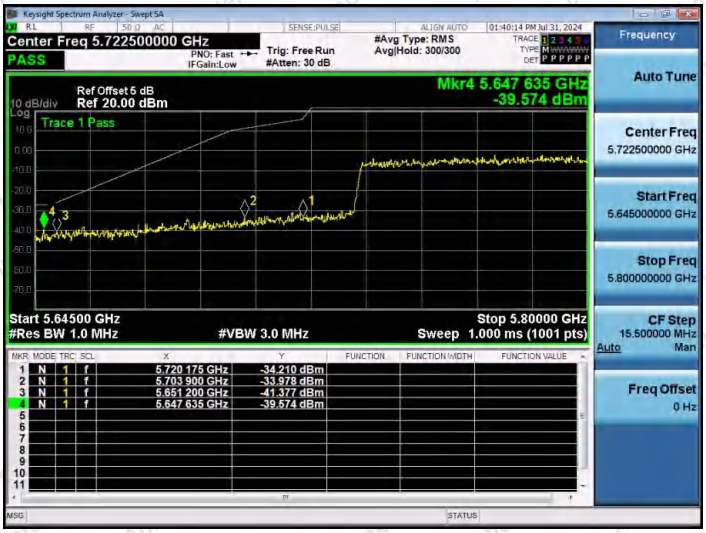
11AX20MIMO-Ant2-5825-PASS

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

---End---