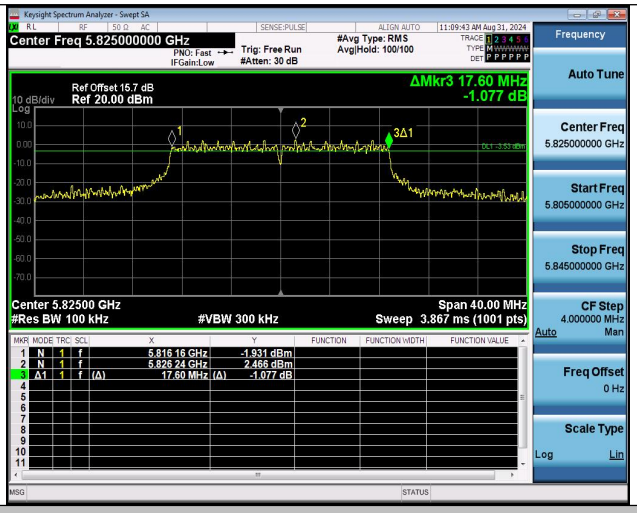
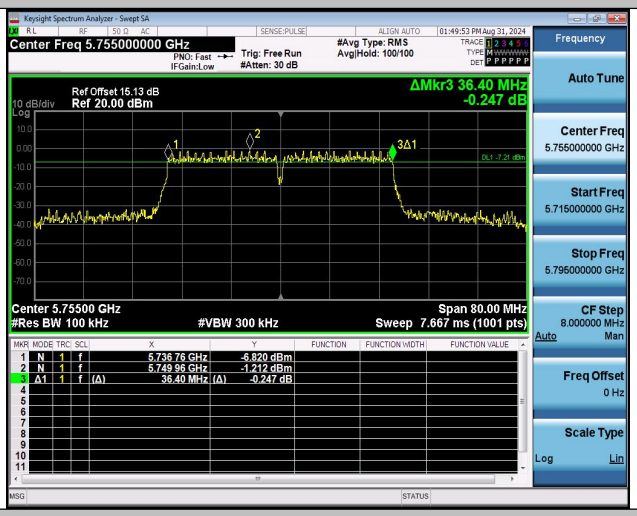
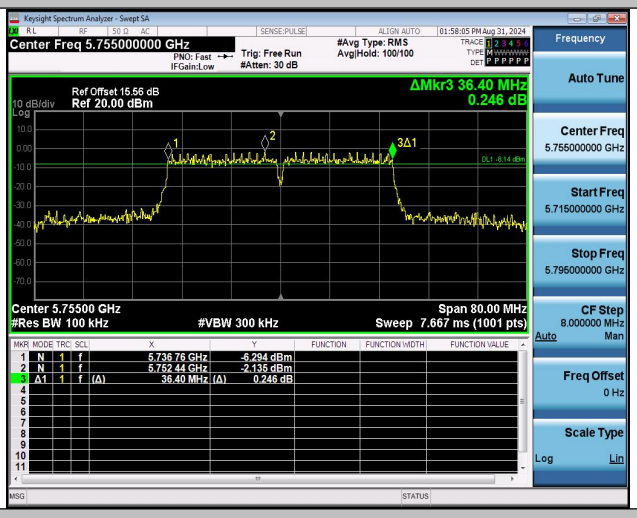


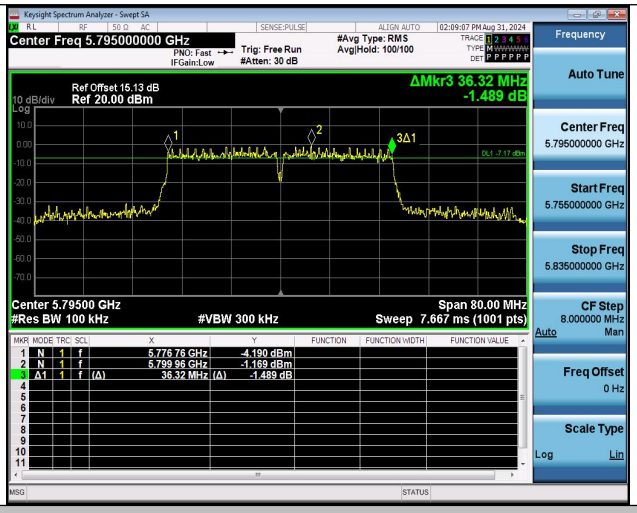
11AC20MIMO-Ant2-5825-PASS



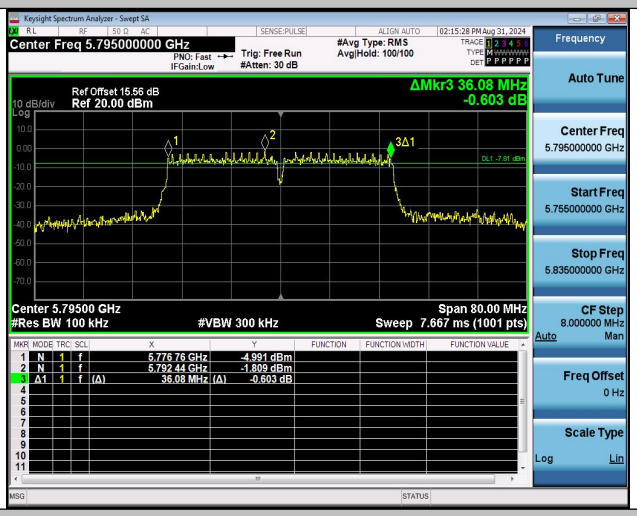
11AC40MIMO-Ant1-5755-PASS



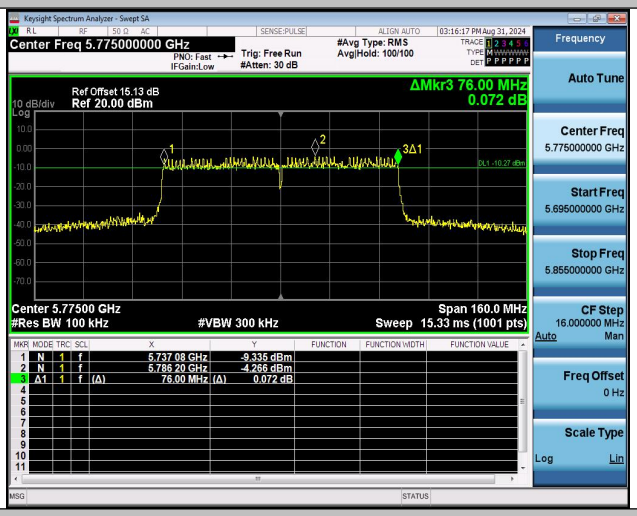
11AC40MIMO-Ant2-5755-PASS



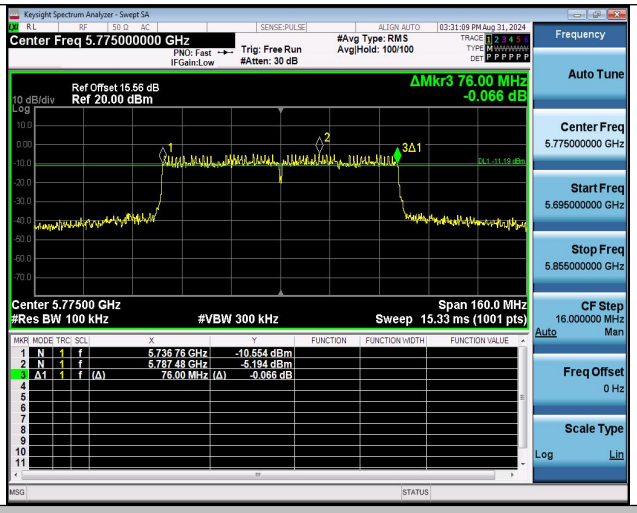
11AC40MIMO-Ant1-5795-PASS



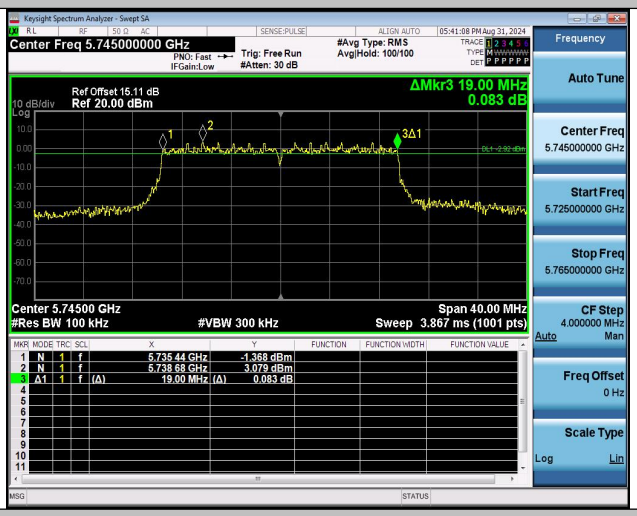
11AC40MIMO-Ant2-5795-PASS



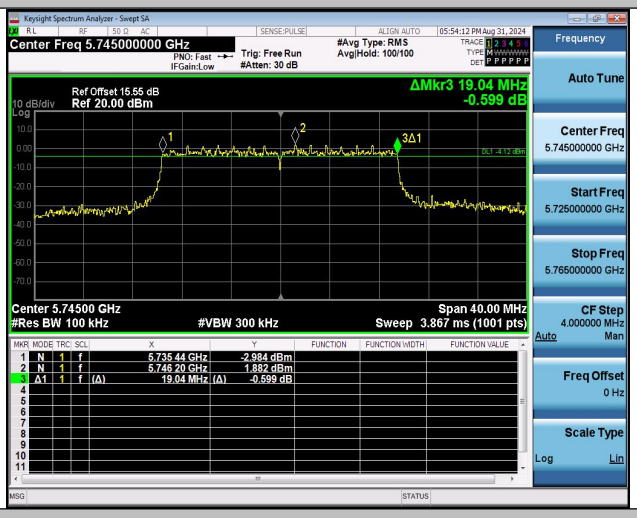
11AC80MIMO-Ant1-5775-PASS



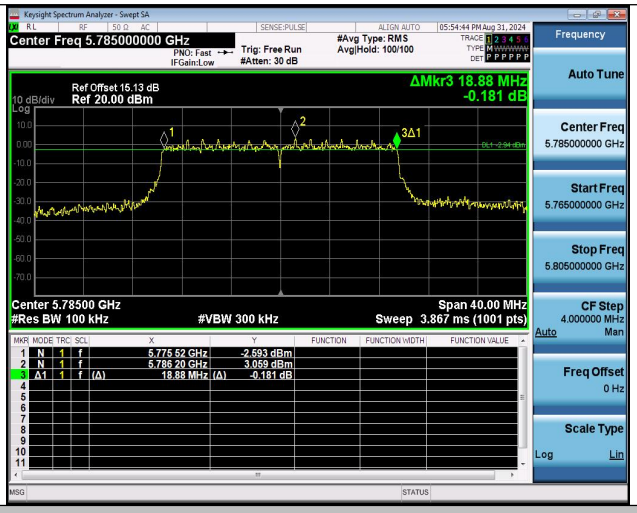
11AC80MIMO-Ant2-5775-PASS



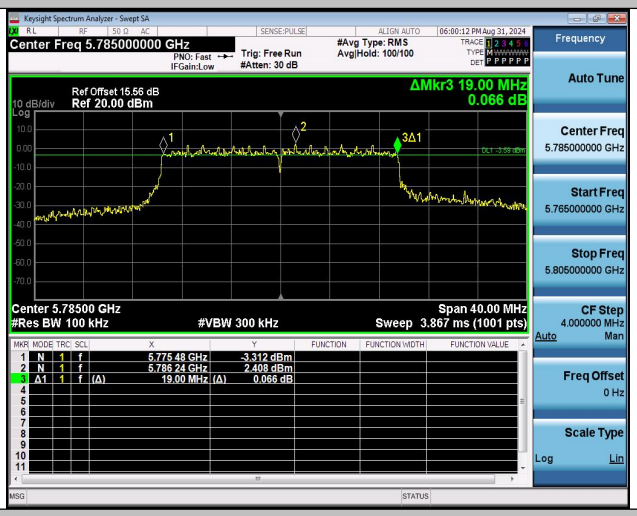
11AX20MIMO-Ant1-5745-PASS



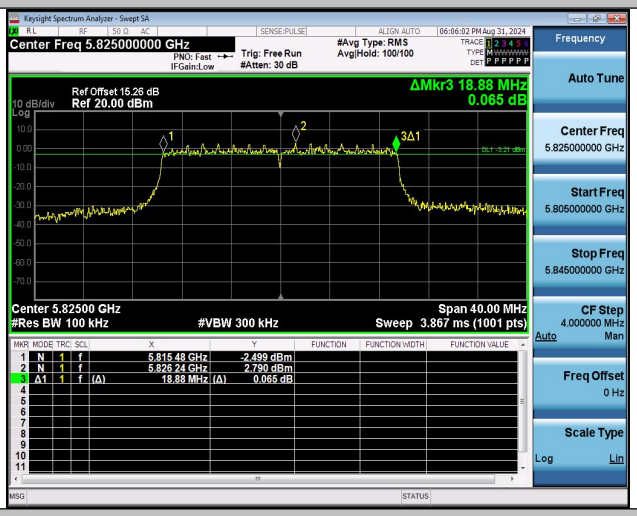
11AX20MIMO-Ant2-5745-PASS



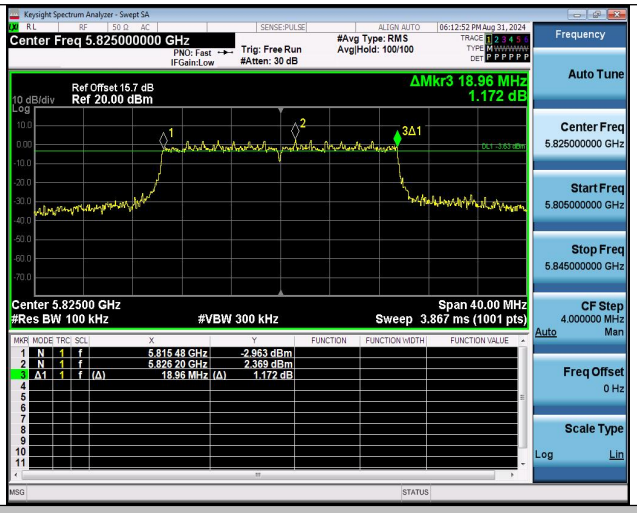
11AX20MIMO-Ant1-5785-PASS



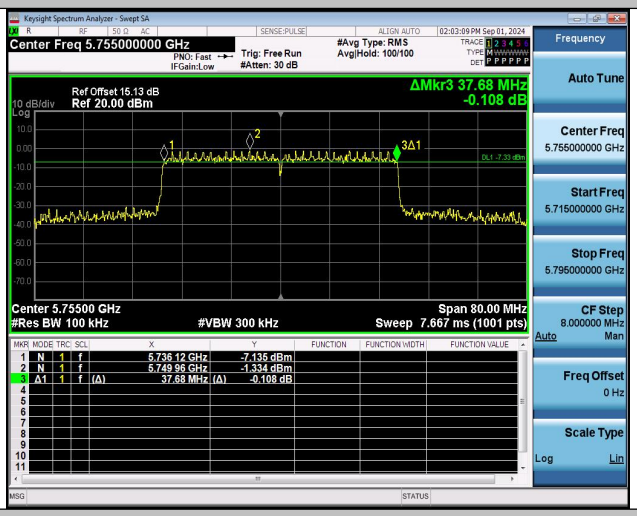
11AX20MIMO-Ant2-5785-PASS



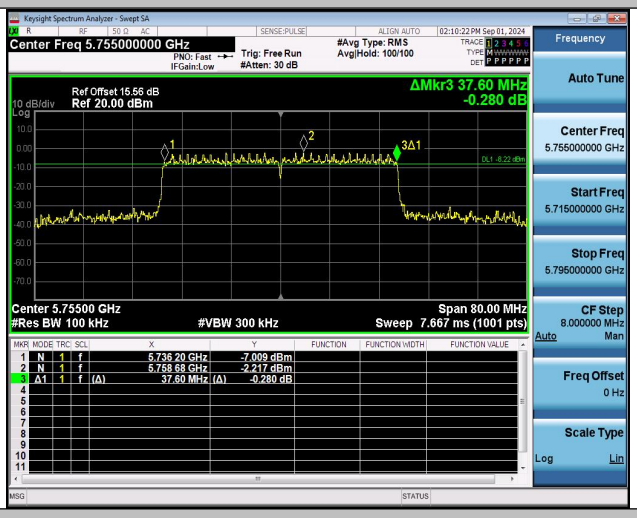
11AX20MIMO-Ant1-5825-PASS



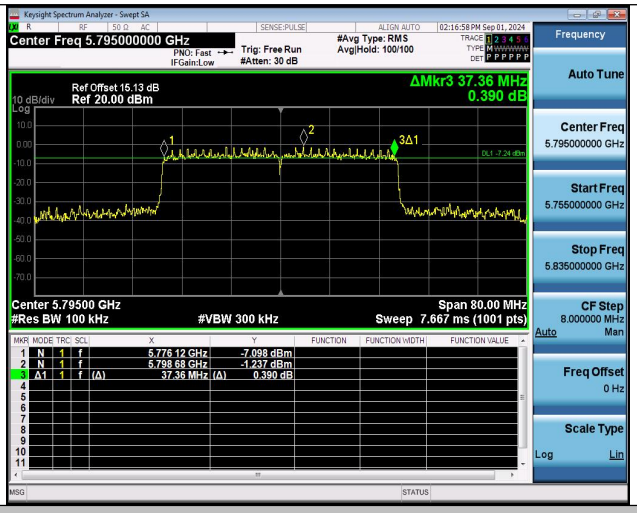
11AX20MIMO-Ant2-5825-PASS



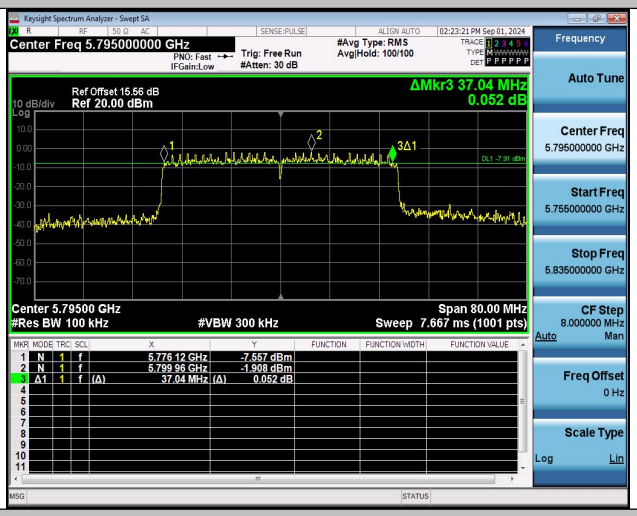
11AX40MIMO-Ant1-5755-PASS



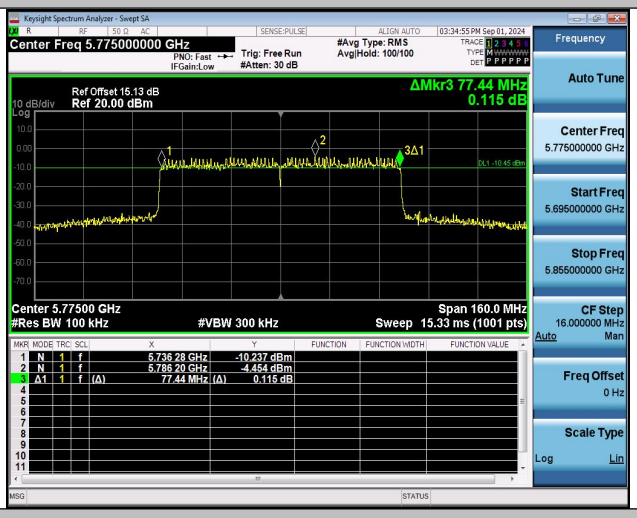
11AX40MIMO-Ant2-5755-PASS



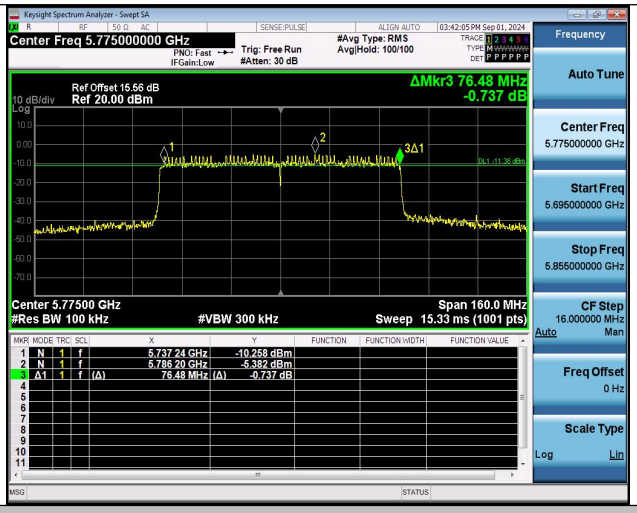
11AX40MIMO-Ant1-5795-PASS



11AX40MIMO-Ant2-5795-PASS



11AX80MIMO-Ant1-5775-PASS



11AX80MIMO-Ant2-5775-PASS

Appendix D: Maximum conducted output power

Test Result Duty Cycle

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Dc Factor [%]	1/T
11A	Ant1	5180	0.18	0.28	64.29	1.92	5.56
11A	Ant2	5180	0.18	0.28	64.29	1.92	5.56
11A	Ant1	5200	0.17	0.27	62.96	2.01	5.88
11A	Ant2	5200	0.17	0.27	62.96	2.01	5.88
11A	Ant1	5240	0.17	0.27	62.96	2.01	5.88
11A	Ant2	5240	0.18	0.28	64.29	1.92	5.56
11N20MIMO	Ant1	5180	0.16	0.26	61.54	2.11	6.25
11N20MIMO	Ant2	5180	0.17	0.27	62.96	2.01	5.88
11N20MIMO	Ant1	5200	0.16	0.26	61.54	2.11	6.25
11N20MIMO	Ant2	5200	0.16	0.26	61.54	2.11	6.25
11N20MIMO	Ant1	5240	0.16	0.26	61.54	2.11	6.25
11N20MIMO	Ant2	5240	0.16	0.26	61.54	2.11	6.25
11N40MIMO	Ant1	5190	0.10	0.20	50.00	3.01	10.00
11N40MIMO	Ant2	5190	0.10	0.20	50.00	3.01	10.00
11N40MIMO	Ant1	5230	0.10	0.20	50.00	3.01	10.00
11N40MIMO	Ant2	5230	0.10	0.20	50.00	3.01	10.00
11AC20MIMO	Ant1	5180	0.15	0.25	60.00	2.22	6.67
11AC20MIMO	Ant2	5180	0.14	0.24	58.33	2.34	7.14
11AC20MIMO	Ant1	5200	0.15	0.25	60.00	2.22	6.67
11AC20MIMO	Ant2	5200	0.15	0.25	60.00	2.22	6.67
11AC20MIMO	Ant1	5240	0.15	0.25	60.00	2.22	6.67
11AC20MIMO	Ant2	5240	0.15	0.25	60.00	2.22	6.67
11AC40MIMO	Ant1	5190	0.09	0.19	47.37	3.24	11.11
11AC40MIMO	Ant2	5190	0.08	0.18	44.44	3.52	12.50
11AC40MIMO	Ant1	5230	0.09	0.19	47.37	3.24	11.11
11AC40MIMO	Ant2	5230	0.09	0.19	47.37	3.24	11.11
11AC80MIMO	Ant1	5210	0.07	0.17	41.18	3.85	14.29
11AC80MIMO	Ant2	5210	0.07	0.16	43.75	3.59	14.29
11AX20MIMO	Ant1	5180	0.12	0.22	54.55	2.63	8.33
11AX20MIMO	Ant2	5180	0.12	0.22	54.55	2.63	8.33
11AX20MIMO	Ant1	5200	0.12	0.22	54.55	2.63	8.33
11AX20MIMO	Ant2	5200	0.12	0.22	54.55	2.63	8.33
11AX20MIMO	Ant1	5240	0.11	0.21	52.38	2.81	9.09
11AX20MIMO	Ant2	5240	0.11	0.21	52.38	2.81	9.09
11AX40MIMO	Ant1	5190	0.09	0.19	47.37	3.24	11.11
11AX40MIMO	Ant2	5190	0.09	0.19	47.37	3.24	11.11

11AX40MIMO	Ant1	5230	0.08	0.19	42.11	3.76	12.50
11AX40MIMO	Ant2	5230	0.09	0.19	47.37	3.24	11.11
11AX80MIMO	Ant1	5210	0.08	0.18	44.44	3.52	12.50
11AX80MIMO	Ant2	5210	0.08	0.18	44.44	3.52	12.50

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Dc Factor [%]	1/T
11A	Ant1	5745	0.18	0.28	64.29	1.92	5.56
11A	Ant2	5745	0.17	0.27	62.96	2.01	5.88
11A	Ant1	5785	0.17	0.27	62.96	2.01	5.88
11A	Ant2	5785	0.17	0.27	62.96	2.01	5.88
11A	Ant1	5825	0.17	0.27	62.96	2.01	5.88
11A	Ant2	5825	0.17	0.27	62.96	2.01	5.88
11N20MIMO	Ant1	5745	0.17	0.27	62.96	2.01	5.88
11N20MIMO	Ant2	5745	0.16	0.26	61.54	2.11	6.25
11N20MIMO	Ant1	5785	0.16	0.26	61.54	2.11	6.25
11N20MIMO	Ant2	5785	0.16	0.26	61.54	2.11	6.25
11N20MIMO	Ant1	5825	0.17	0.27	62.96	2.01	5.88
11N20MIMO	Ant2	5825	0.17	0.27	62.96	2.01	5.88
11N40MIMO	Ant1	5755	0.10	0.20	50.00	3.01	10.00
11N40MIMO	Ant2	5755	0.10	0.20	50.00	3.01	10.00
11N40MIMO	Ant1	5795	0.10	0.20	50.00	3.01	10.00
11N40MIMO	Ant2	5795	0.10	0.20	50.00	3.01	10.00
11AC20MIMO	Ant1	5745	0.15	0.25	60.00	2.22	6.67
11AC20MIMO	Ant2	5745	0.15	0.25	60.00	2.22	6.67
11AC20MIMO	Ant1	5785	0.15	0.25	60.00	2.22	6.67
11AC20MIMO	Ant2	5785	0.15	0.25	60.00	2.22	6.67
11AC20MIMO	Ant1	5825	0.15	0.25	60.00	2.22	6.67
11AC20MIMO	Ant2	5825	0.15	0.25	60.00	2.22	6.67
11AC40MIMO	Ant1	5755	0.09	0.19	47.37	3.24	11.11
11AC40MIMO	Ant2	5755	0.09	0.19	47.37	3.24	11.11
11AC40MIMO	Ant1	5795	0.08	0.18	44.44	3.52	12.50
11AC40MIMO	Ant2	5795	0.09	0.19	47.37	3.24	11.11
11AC80MIMO	Ant1	5775	0.07	0.17	41.18	3.85	14.29
11AC80MIMO	Ant2	5775	0.07	0.17	41.18	3.85	14.29
11AX20MIMO	Ant1	5745	0.12	0.22	54.55	2.63	8.33
11AX20MIMO	Ant2	5745	0.12	0.22	54.55	2.63	8.33
11AX20MIMO	Ant1	5785	0.12	0.22	54.55	2.63	8.33
11AX20MIMO	Ant2	5785	0.11	0.21	52.38	2.81	9.09
11AX20MIMO	Ant1	5825	0.11	0.21	52.38	2.81	9.09
11AX20MIMO	Ant2	5825	0.12	0.22	54.55	2.63	8.33

11AX40MIMO	Ant1	5755	0.09	0.19	47.37	3.24	11.11
11AX40MIMO	Ant2	5755	0.08	0.18	44.44	3.52	12.50
11AX40MIMO	Ant1	5795	0.09	0.19	47.37	3.24	11.11
11AX40MIMO	Ant2	5795	0.09	0.19	47.37	3.24	11.11
11AX80MIMO	Ant1	5775	0.08	0.18	44.44	3.52	12.50
11AX80MIMO	Ant2	5775	0.08	0.17	47.06	3.27	12.50

Test Result Channel Power

Test Mode	Antenna	Frequency[MHz]	Channel Powert [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	11.87	64.29	1.92	13.79	≤23.98	PASS
11A	Ant2	5180	13.66	64.29	1.92	15.58	≤23.98	PASS
11A	Ant1	5200	12.73	62.96	2.01	14.74	≤23.98	PASS
11A	Ant2	5200	13.68	62.96	2.01	15.69	≤23.98	PASS
11A	Ant1	5240	13.43	62.96	2.01	15.44	≤23.98	PASS
11A	Ant2	5240	13.85	64.29	1.92	15.77	≤23.98	PASS
11N20MIMO	Ant1	5180	11.74	61.54	2.11	13.85	≤23.98	PASS
11N20MIMO	Ant2	5180	11.96	62.96	2.01	13.97	≤23.98	PASS
11N20MIMO	total	5180	---	---	---	16.92	≤23.98	PASS
11N20MIMO	Ant1	5200	11.88	61.54	2.11	13.99	≤23.98	PASS
11N20MIMO	Ant2	5200	12.19	61.54	2.11	14.30	≤23.98	PASS
11N20MIMO	total	5200	---	---	---	17.16	≤23.98	PASS
11N20MIMO	Ant1	5240	12.22	61.54	2.11	14.33	≤23.98	PASS
11N20MIMO	Ant2	5240	12.57	61.54	2.11	14.68	≤23.98	PASS
11N20MIMO	total	5240	---	---	---	17.52	≤23.98	PASS
11N40MIMO	Ant1	5190	10.25	50.00	3.01	13.26	≤23.98	PASS
11N40MIMO	Ant2	5190	10.56	50.00	3.01	13.57	≤23.98	PASS
11N40MIMO	total	5190	---	---	---	16.43	≤23.98	PASS
11N40MI	Ant1	5230	10.65	50.00	3.01	13.66	≤23.98	PASS

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11N40MIMO	Ant2	5230	10.93	50.00	3.01	13.94	≤23.98	PASS
11N40MIMO	total	5230	---	---	---	16.81	≤23.98	PASS
11AC20MIMO	Ant1	5180	11.54	60.00	2.22	13.76	≤23.98	PASS
11AC20MIMO	Ant2	5180	11.94	58.33	2.34	14.28	≤23.98	PASS
11AC20MIMO	total	5180	---	---	---	17.04	≤23.98	PASS
11AC20MIMO	Ant1	5200	11.39	60.00	2.22	13.61	≤23.98	PASS
11AC20MIMO	Ant2	5200	12.15	60.00	2.22	14.37	≤23.98	PASS
11AC20MIMO	total	5200	---	---	---	17.02	≤23.98	PASS
11AC20MIMO	Ant1	5240	12.16	60.00	2.22	14.38	≤23.98	PASS
11AC20MIMO	Ant2	5240	12.51	60.00	2.22	14.73	≤23.98	PASS
11AC20MIMO	total	5240	---	---	---	17.57	≤23.98	PASS
11AC40MIMO	Ant1	5190	8.79	47.37	3.24	12.03	≤23.98	PASS
11AC40MIMO	Ant2	5190	8.96	44.44	3.52	12.48	≤23.98	PASS
11AC40MIMO	total	5190	---	---	---	15.27	≤23.98	PASS
11AC40MIMO	Ant1	5230	9.12	47.37	3.24	12.36	≤23.98	PASS
11AC40MIMO	Ant2	5230	9.44	47.37	3.24	12.68	≤23.98	PASS
11AC40MIMO	total	5230	---	---	---	15.53	≤23.98	PASS
11AC80MIMO	Ant1	5210	7.74	41.18	3.85	11.59	≤23.98	PASS
11AC80MIMO	Ant2	5210	8.15	43.75	3.59	11.74	≤23.98	PASS
11AC80MIMO	total	5210	---	---	---	14.68	≤23.98	PASS
11AX20MIMO	Ant1	5180	11.22	54.55	2.63	13.85	≤23.98	PASS

11AX20M IMO	Ant2	5180	11.77	54.55	2.63	14.40	≤23.98	PASS
11AX20M IMO	total	5180	---	---	---	17.14	≤23.98	PASS
11AX20M IMO	Ant1	5200	11.52	54.55	2.63	14.15	≤23.98	PASS
11AX20M IMO	Ant2	5200	11.89	54.55	2.63	14.52	≤23.98	PASS
11AX20M IMO	total	5200	---	---	---	17.35	≤23.98	PASS
11AX20M IMO	Ant1	5240	11.79	52.38	2.81	14.60	≤23.98	PASS
11AX20M IMO	Ant2	5240	12.39	52.38	2.81	15.20	≤23.98	PASS
11AX20M IMO	total	5240	---	---	---	17.92	≤23.98	PASS
11AX40M IMO	Ant1	5190	8.75	47.37	3.24	11.99	≤23.98	PASS
11AX40M IMO	Ant2	5190	8.99	47.37	3.24	12.23	≤23.98	PASS
11AX40M IMO	total	5190	---	---	---	15.12	≤23.98	PASS
11AX40M IMO	Ant1	5230	9.31	42.11	3.76	13.07	≤23.98	PASS
11AX40M IMO	Ant2	5230	9.46	47.37	3.24	12.70	≤23.98	PASS
11AX40M IMO	total	5230	---	---	---	15.90	≤23.98	PASS
11AX80M IMO	Ant1	5210	8.39	44.44	3.52	11.91	≤23.98	PASS
11AX80M IMO	Ant2	5210	8.74	44.44	3.52	12.26	≤23.98	PASS
11AX80M IMO	total	5210	---	---	---	15.10	≤23.98	PASS

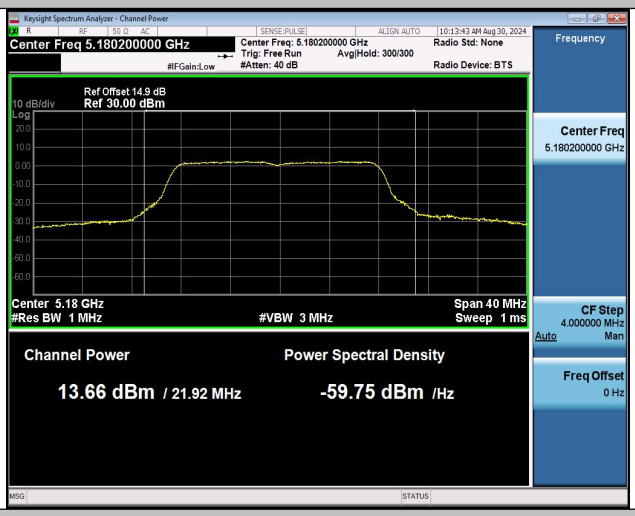
Test Mode	Antenna	Frequency[MHz]	Channel Powert [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	14.04	64.29	1.92	15.96	≤30.00	PASS
11A	Ant2	5745	12.86	62.96	2.01	14.87	≤30.00	PASS
11A	Ant1	5785	13.62	62.96	2.01	15.63	≤30.00	PASS
11A	Ant2	5785	12.94	62.96	2.01	14.95	≤30.00	PASS
11A	Ant1	5825	13.26	62.96	2.01	15.27	≤30.00	PASS
11A	Ant2	5825	13.34	62.96	2.01	15.35	≤30.00	PASS
11N20MIMO	Ant1	5745	12.87	62.96	2.01	14.88	≤30.00	PASS
11N20MIMO	Ant2	5745	11.82	61.54	2.11	13.93	≤30.00	PASS
11N20MIMO	total	5745	---	---	---	17.44	≤30.00	PASS
11N20MIMO	Ant1	5785	12.44	61.54	2.11	14.55	≤30.00	PASS
11N20MIMO	Ant2	5785	11.56	61.54	2.11	13.67	≤30.00	PASS
11N20MIMO	total	5785	---	---	---	17.14	≤30.00	PASS
11N20MIMO	Ant1	5825	12.16	62.96	2.01	14.17	≤30.00	PASS
11N20MIMO	Ant2	5825	11.93	62.96	2.01	13.94	≤30.00	PASS
11N20MIMO	total	5825	---	---	---	17.07	≤30.00	PASS
11N40MIMO	Ant1	5755	11.45	50.00	3.01	14.46	≤30.00	PASS
11N40MIMO	Ant2	5755	10.49	50.00	3.01	13.50	≤30.00	PASS
11N40MIMO	total	5755	---	---	---	17.02	≤30.00	PASS
11N40MIMO	Ant1	5795	11.04	50.00	3.01	14.05	≤30.00	PASS
11N40MIMO	Ant2	5795	10.31	50.00	3.01	13.32	≤30.00	PASS
11N40MIMO	total	5795	---	---	---	16.71	≤30.00	PASS
11AC20MIMO	Ant1	5745	12.56	60.00	2.22	14.78	≤30.00	PASS
11AC20M	Ant2	5745	11.66	60.00	2.22	13.88	≤30.00	PASS

IMO								
11AC20M IMO	total	5745	---	---	---	17.36	≤30.00	PASS
11AC20M IMO	Ant1	5785	12.33	60.00	2.22	14.55	≤30.00	PASS
11AC20M IMO	Ant2	5785	11.08	60.00	2.22	13.30	≤30.00	PASS
11AC20M IMO	total	5785	---	---	---	16.98	≤30.00	PASS
11AC20M IMO	Ant1	5825	11.96	60.00	2.22	14.18	≤30.00	PASS
11AC20M IMO	Ant2	5825	11.73	60.00	2.22	13.95	≤30.00	PASS
11AC20M IMO	total	5825	---	---	---	17.08	≤30.00	PASS
11AC40M IMO	Ant1	5755	9.96	47.37	3.24	13.20	≤30.00	PASS
11AC40M IMO	Ant2	5755	8.99	47.37	3.24	12.23	≤30.00	PASS
11AC40M IMO	total	5755	---	---	---	15.75	≤30.00	PASS
11AC40M IMO	Ant1	5795	9.71	44.44	3.52	13.23	≤30.00	PASS
11AC40M IMO	Ant2	5795	9.00	47.37	3.24	12.24	≤30.00	PASS
11AC40M IMO	total	5795	---	---	---	15.77	≤30.00	PASS
11AC80M IMO	Ant1	5775	8.77	41.18	3.85	12.62	≤30.00	PASS
11AC80M IMO	Ant2	5775	7.90	41.18	3.85	11.75	≤30.00	PASS
11AC80M IMO	total	5775	---	---	---	15.22	≤30.00	PASS
11AX20M IMO	Ant1	5745	12.44	54.55	2.63	15.07	≤30.00	PASS
11AX20M IMO	Ant2	5745	11.07	54.55	2.63	13.70	≤30.00	PASS
11AX20M IMO	total	5745	---	---	---	17.45	≤30.00	PASS
11AX20M IMO	Ant1	5785	11.92	54.55	2.63	14.55	≤30.00	PASS
11AX20M IMO	Ant2	5785	11.06	52.38	2.81	13.87	≤30.00	PASS

11AX20M IMO	total	5785	---	---	---	17.23	≤30.00	PASS
11AX20M IMO	Ant1	5825	11.74	52.38	2.81	14.55	≤30.00	PASS
11AX20M IMO	Ant2	5825	11.29	54.55	2.63	13.92	≤30.00	PASS
11AX20M IMO	total	5825	---	---	---	17.26	≤30.00	PASS
11AX40M IMO	Ant1	5755	10.05	47.37	3.24	13.29	≤30.00	PASS
11AX40M IMO	Ant2	5755	8.85	44.44	3.52	12.37	≤30.00	PASS
11AX40M IMO	total	5755	---	---	---	15.86	≤30.00	PASS
11AX40M IMO	Ant1	5795	9.70	47.37	3.24	12.94	≤30.00	PASS
11AX40M IMO	Ant2	5795	8.89	47.37	3.24	12.13	≤30.00	PASS
11AX40M IMO	total	5795	---	---	---	15.56	≤30.00	PASS
11AX80M IMO	Ant1	5775	9.27	44.44	3.52	12.79	≤30.00	PASS
11AX80M IMO	Ant2	5775	8.26	47.06	3.27	11.53	≤30.00	PASS
11AX80M IMO	total	5775	---	---	---	15.22	≤30.00	PASS

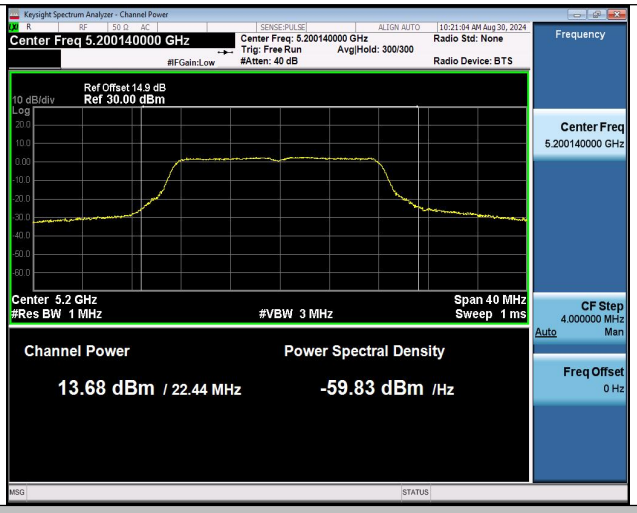
Test Graphs Channel Power

11A-Ant1-5180-PASS

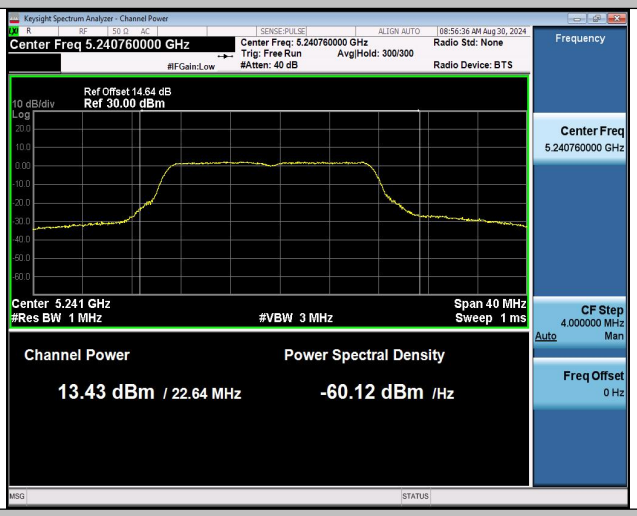


11A-Ant2-5180-PASS

11A-Ant1-5200-PASS



11A-Ant2-5200-PASS

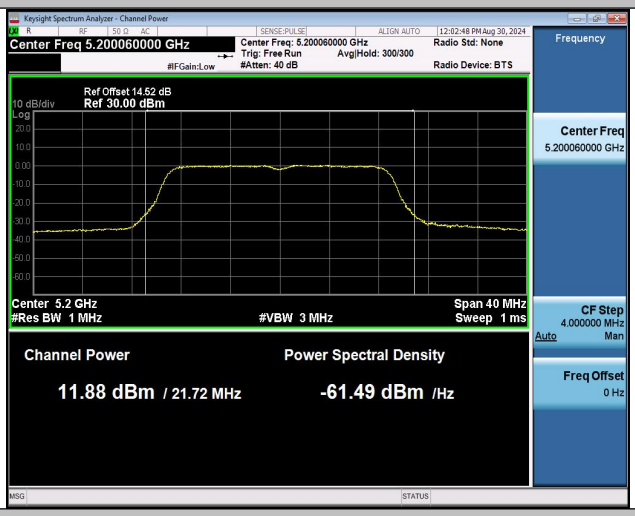


11A-Ant1-5240-PASS

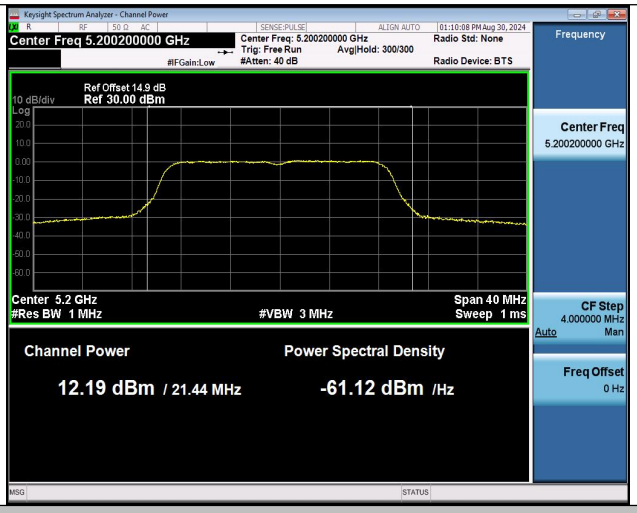
11A-Ant2-5240-PASS

11N20MIMO-Ant1-5180-PASS

11N20MIMO-Ant2-5180-PASS

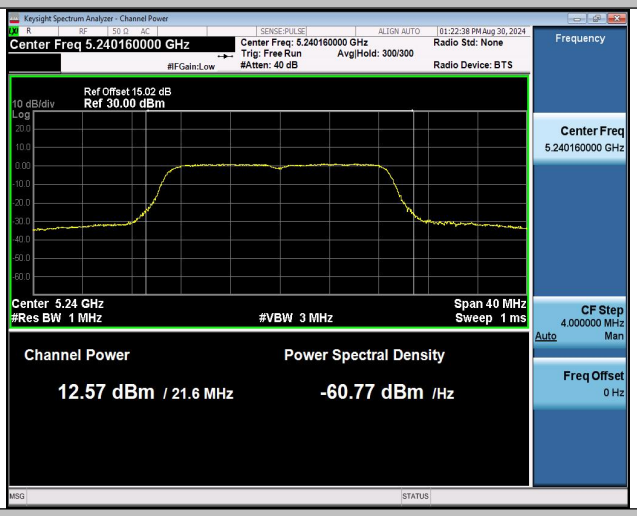


11N20MIMO-Ant1-5200-PASS

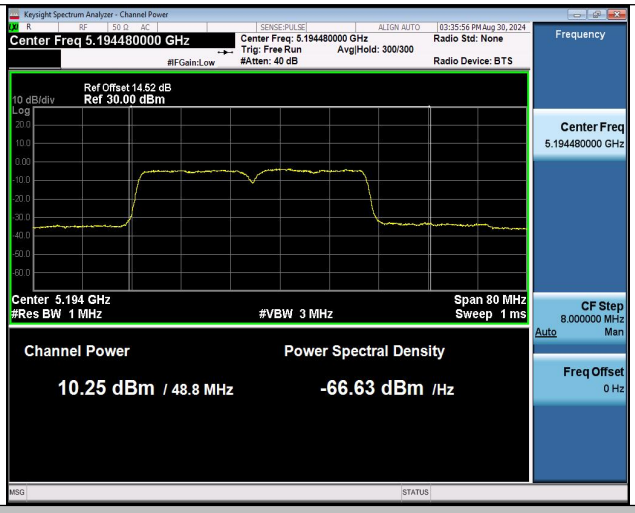


11N20MIMO-Ant2-5200-PASS

11N20MIMO-Ant1-5240-PASS



11N20MIMO-Ant2-5240-PASS

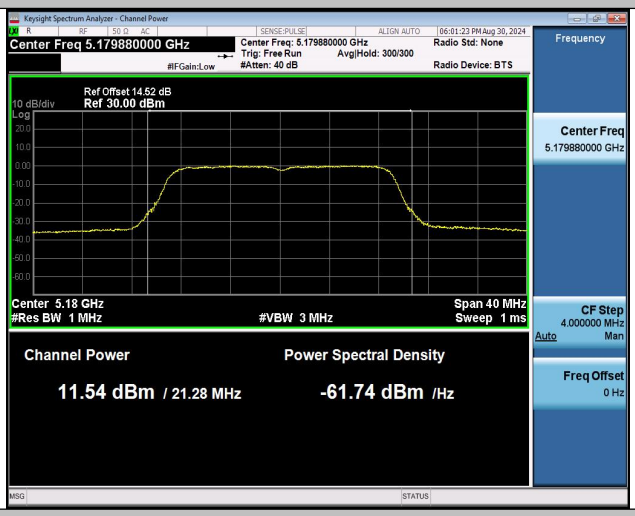


11N40MIMO-Ant1-5190-PASS

11N40MIMO-Ant2-5190-PASS

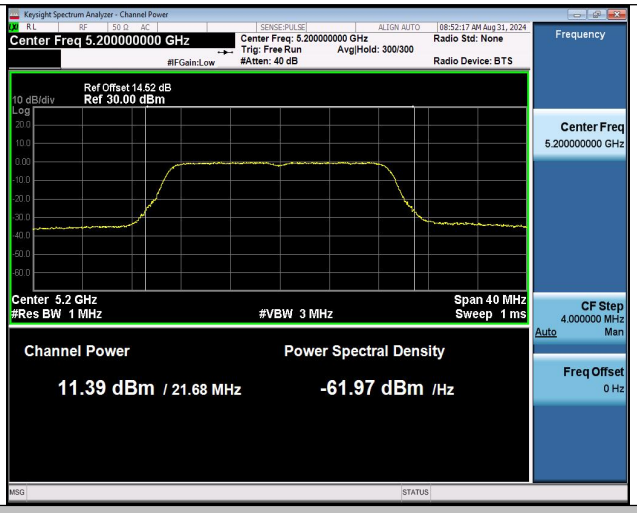
11N40MIMO-Ant1-5230-PASS

11N40MIMO-Ant2-5230-PASS



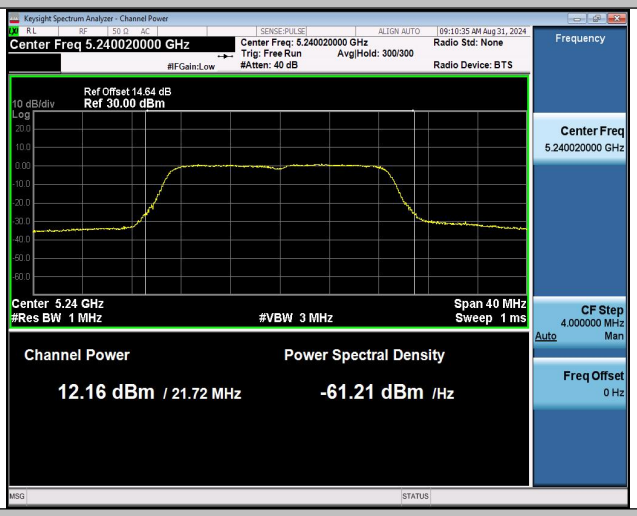
11AC20MIMO-Ant1-5180-PASS

11AC20MIMO-Ant2-5180-PASS



11AC20MIMO-Ant1-5200-PASS

11AC20MIMO-Ant2-5200-PASS



11AC20MIMO-Ant1-5240-PASS