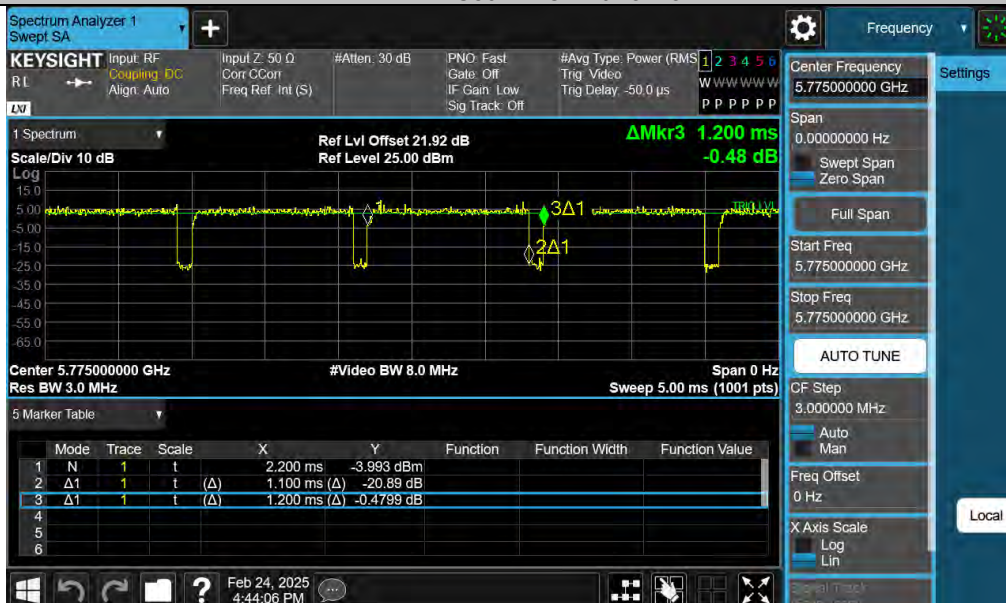
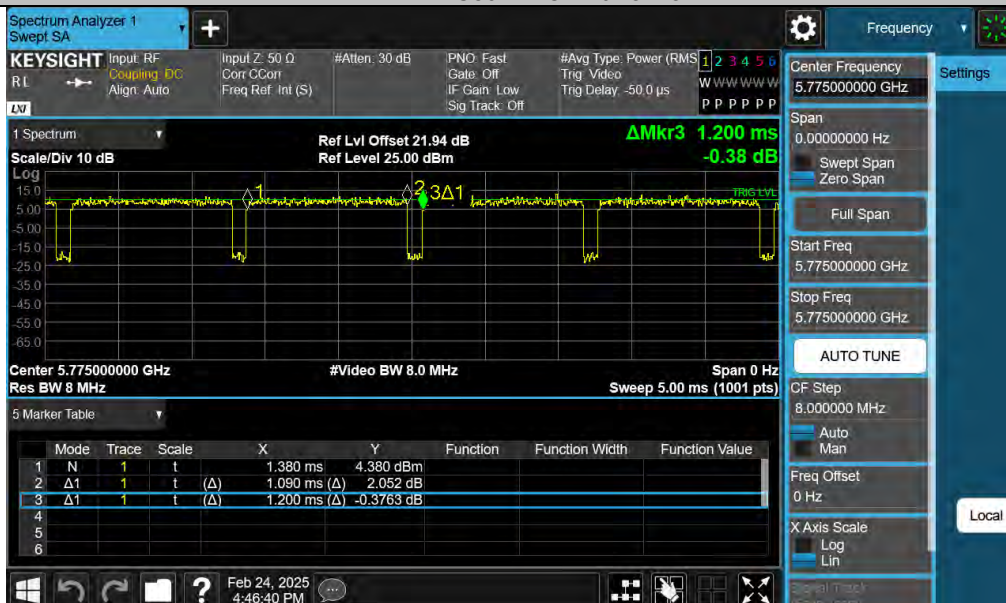


NTNV-11AC80MIMO-Ant1-5775



NTNV-11AC80MIMO-Ant2-5775



Appendix C: Maximum conducted output power

Test Result Channel Power

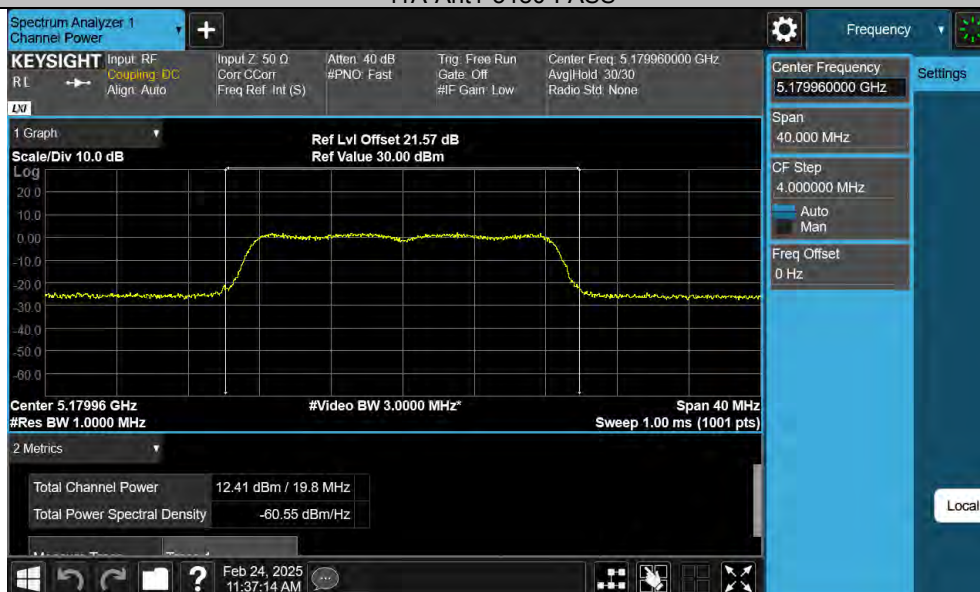
Test Mode	Antenna	Frequency[M Hz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	12.27	96.88	0.14	12.41	≤23.98	PASS
11A	Ant2	5180	10.69	96.88	0.14	10.83	≤23.98	PASS
11A	Ant1	5200	11.49	96.88	0.14	11.63	≤23.98	PASS
11A	Ant2	5200	10.65	96.88	0.14	10.79	≤23.98	PASS
11A	Ant1	5240	11.32	96.57	0.15	11.47	≤23.98	PASS
11A	Ant2	5240	11.93	96.88	0.14	12.07	≤23.98	PASS
11A	Ant1	5745	13.79	96.57	0.15	13.94	≤30.00	PASS
11A	Ant2	5745	13.63	96.88	0.14	13.77	≤30.00	PASS
11A	Ant1	5785	13.33	96.88	0.14	13.47	≤30.00	PASS
11A	Ant2	5785	13.99	96.57	0.15	14.14	≤30.00	PASS
11A	Ant1	5825	13.18	96.58	0.15	13.33	≤30.00	PASS
11A	Ant2	5825	13.87	96.88	0.14	14.01	≤30.00	PASS
11N20MIMO	Ant1	5180	11.81	82.26	0.85	12.66	≤23.98	PASS
11N20MIMO	Ant2	5180	13.15	97.95	0.09	13.24	≤23.98	PASS
11N20MIMO	total	5180	---	---	---	15.97	≤23.98	PASS
11N20MIMO	Ant1	5200	11.37	97.95	0.09	11.46	≤23.98	PASS
11N20MIMO	Ant2	5200	13.22	97.95	0.09	13.31	≤23.98	PASS
11N20MIMO	total	5200	---	---	---	15.49	≤23.98	PASS
11N20MIMO	Ant1	5240	11.17	97.74	0.10	11.27	≤23.98	PASS
11N20MIMO	Ant2	5240	14.48	97.95	0.09	14.57	≤23.98	PASS
11N20MIMO	total	5240	---	---	---	16.24	≤23.98	PASS
11N20MIMO	Ant1	5745	14.68	97.95	0.09	14.77	≤30.00	PASS
11N20MIMO	Ant2	5745	15.47	97.95	0.09	15.56	≤30.00	PASS
11N20MIMO	total	5745	---	---	---	18.19	≤30.00	PASS
11N20MIMO	Ant1	5785	14.18	97.95	0.09	14.27	≤30.00	PASS
11N20MIMO	Ant2	5785	15.68	97.75	0.10	15.78	≤30.00	PASS
11N20MIMO	total	5785	---	---	---	18.10	≤30.00	PASS
11N20MIMO	Ant1	5825	13.86	97.95	0.09	13.95	≤30.00	PASS
11N20MIMO	Ant2	5825	15.56	97.95	0.09	15.65	≤30.00	PASS
11N20MIMO	total	5825	---	---	---	17.89	≤30.00	PASS
11N40MIMO	Ant1	5190	12.83	95.87	0.18	13.01	≤23.98	PASS
11N40MIMO	Ant2	5190	11.69	95.87	0.18	11.87	≤23.98	PASS
11N40MIMO	total	5190	---	---	---	15.49	≤23.98	PASS
11N40MIMO	Ant1	5230	10.65	95.85	0.18	10.83	≤23.98	PASS
11N40MIMO	Ant2	5230	13.09	95.87	0.18	13.27	≤23.98	PASS
11N40MIMO	total	5230	---	---	---	15.23	≤23.98	PASS
11N40MIMO	Ant1	5755	13.54	95.87	0.18	13.72	≤30.00	PASS
11N40MIMO	Ant2	5755	14.70	95.85	0.18	14.88	≤30.00	PASS
11N40MIMO	total	5755	---	---	---	17.35	≤30.00	PASS
11N40MIMO	Ant1	5795	12.80	95.87	0.18	12.98	≤30.00	PASS
11N40MIMO	Ant2	5795	14.72	95.87	0.18	14.90	≤30.00	PASS
11N40MIMO	total	5795	---	---	---	17.06	≤30.00	PASS
11AC20MIMO	Ant1	5180	12.73	97.95	0.09	12.82	≤23.98	PASS
11AC20MIMO	Ant2	5180	11.76	97.75	0.10	11.86	≤23.98	PASS
11AC20MIMO	total	5180	---	---	---	15.38	≤23.98	PASS
11AC20MIMO	Ant1	5200	11.88	97.95	0.09	11.97	≤23.98	PASS
11AC20MIMO	Ant2	5200	11.85	97.95	0.09	11.94	≤23.98	PASS
11AC20MIMO	total	5200	---	---	---	14.97	≤23.98	PASS
11AC20MIMO	Ant1	5240	10.60	97.95	0.09	10.69	≤23.98	PASS
11AC20MIMO	Ant2	5240	13.15	97.75	0.10	13.25	≤23.98	PASS
11AC20MIMO	total	5240	---	---	---	15.17	≤23.98	PASS

11AC20MIMO	Ant1	5745	13.48	97.95	0.09	13.57	≤30.00	PASS
11AC20MIMO	Ant2	5745	14.55	97.95	0.09	14.64	≤30.00	PASS
11AC20MIMO	total	5745	---	---	---	17.15	≤30.00	PASS
11AC20MIMO	Ant1	5785	13.17	97.75	0.10	13.27	≤30.00	PASS
11AC20MIMO	Ant2	5785	14.75	97.75	0.10	14.85	≤30.00	PASS
11AC20MIMO	total	5785	---	---	---	17.14	≤30.00	PASS
11AC20MIMO	Ant1	5825	12.90	97.95	0.09	12.99	≤30.00	PASS
11AC20MIMO	Ant2	5825	14.54	97.95	0.09	14.63	≤30.00	PASS
11AC20MIMO	total	5825	---	---	---	16.90	≤30.00	PASS
11AC40MIMO	Ant1	5190	12.83	95.87	0.18	13.01	≤23.98	PASS
11AC40MIMO	Ant2	5190	14.77	95.08	0.22	14.99	≤23.98	PASS
11AC40MIMO	total	5190	---	---	---	17.12	≤23.98	PASS
11AC40MIMO	Ant1	5230	11.64	95.88	0.18	11.82	≤23.98	PASS
11AC40MIMO	Ant2	5230	14.37	95.87	0.18	14.55	≤23.98	PASS
11AC40MIMO	total	5230	---	---	---	16.41	≤23.98	PASS
11AC40MIMO	Ant1	5755	13.18	95.47	0.20	13.38	≤30.00	PASS
11AC40MIMO	Ant2	5755	12.37	95.88	0.18	12.55	≤30.00	PASS
11AC40MIMO	total	5755	---	---	---	16.00	≤30.00	PASS
11AC40MIMO	Ant1	5795	12.62	95.49	0.20	12.82	≤30.00	PASS
11AC40MIMO	Ant2	5795	12.64	95.47	0.20	12.84	≤30.00	PASS
11AC40MIMO	total	5795	---	---	---	15.84	≤30.00	PASS
11AC80MIMO	Ant1	5210	12.61	91.67	0.38	12.99	≤23.98	PASS
11AC80MIMO	Ant2	5210	15.07	91.67	0.38	15.45	≤23.98	PASS
11AC80MIMO	total	5210	---	---	---	17.40	≤23.98	PASS
11AC80MIMO	Ant1	5775	12.98	91.67	0.38	13.36	≤30.00	PASS
11AC80MIMO	Ant2	5775	12.87	90.83	0.42	13.29	≤30.00	PASS
11AC80MIMO	total	5775	---	---	---	16.34	≤30.00	PASS

Note : The Duty Cycle Factor is compensated in the graph.

Test Graphs Channel Power

11A-Ant1-5180-PASS



11A-Ant2-5180-PASS



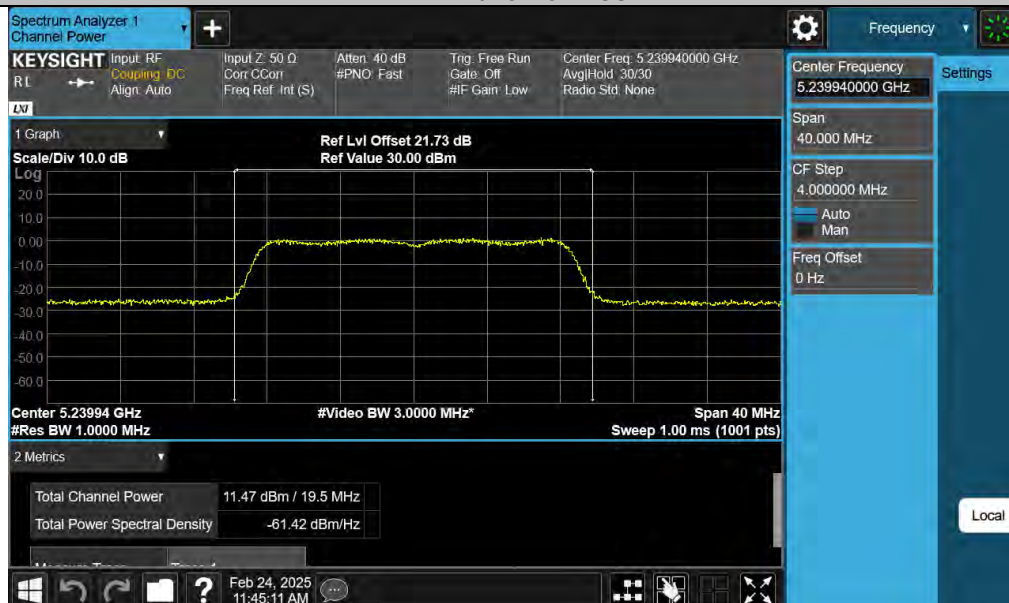
11A-Ant1-5200-PASS



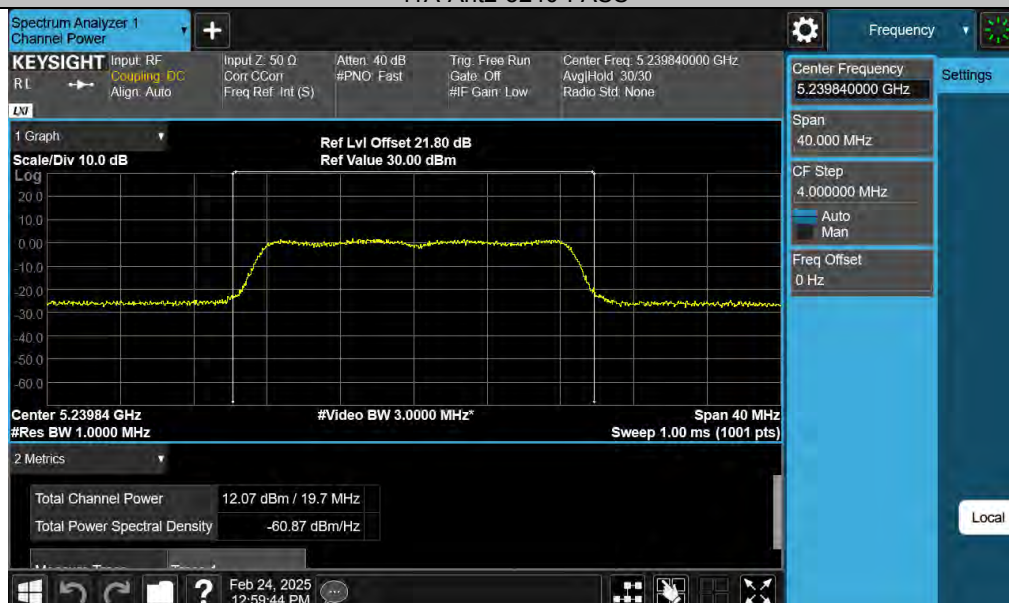
11A-Ant2-5200-PASS



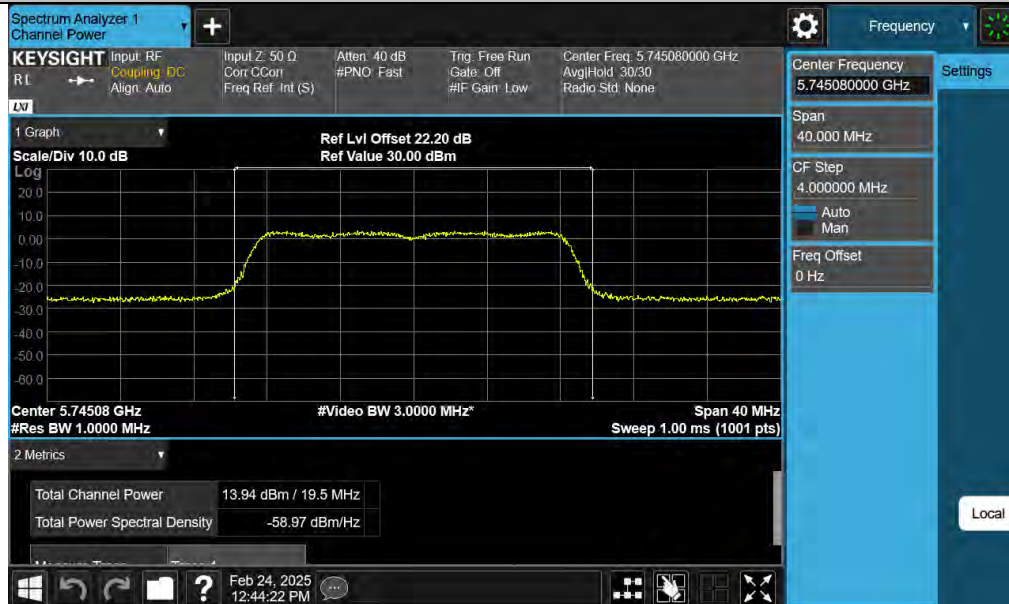
11A-Ant1-5240-PASS



11A-Ant2-5240-PASS



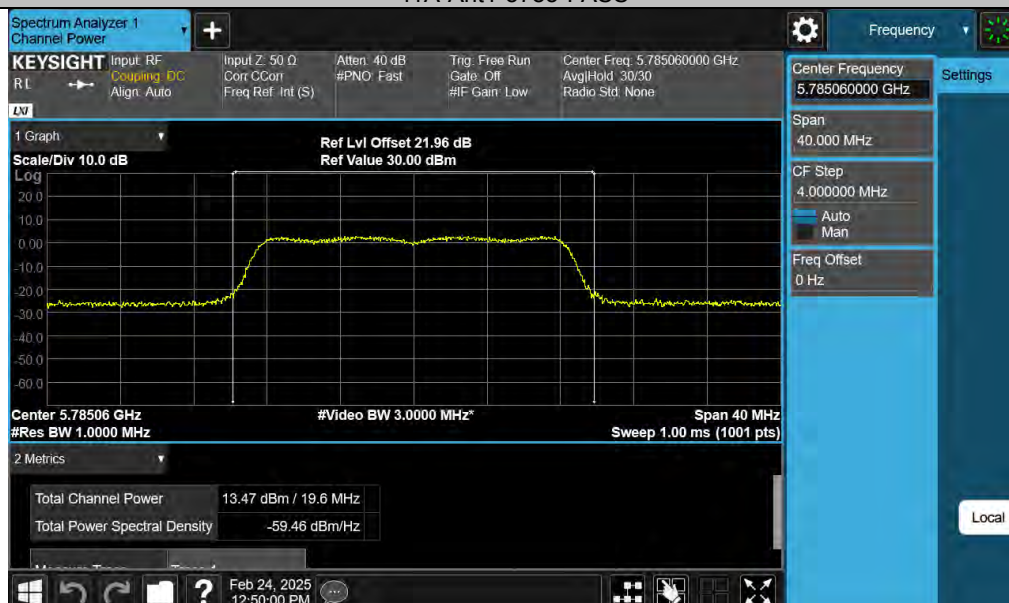
11A-Ant1-5745-PASS



11A-Ant2-5745-PASS



11A-Ant1-5785-PASS



11A-Ant2-5785-PASS



11A-Ant1-5825-PASS



11A-Ant2-5825-PASS



11N20MIMO-Ant1-5180-PASS



11N20MIMO-Ant2-5180-PASS



11N20MIMO-Ant1-5200-PASS



11N20MIMO-Ant2-5200-PASS



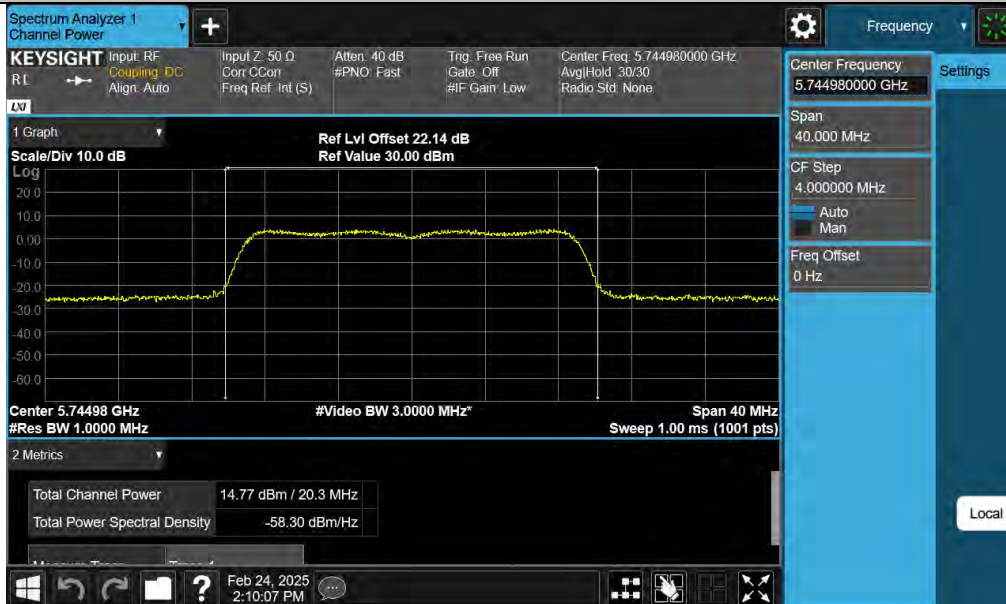
11N20MIMO-Ant1-5240-PASS



11N20MIMO-Ant2-5240-PASS



11N20MIMO-Ant1-5745-PASS



11N20MIMO-Ant2-5745-PASS



11N20MIMO-Ant1-5785-PASS



11N20MIMO-Ant2-5785-PASS



11N20MIMO-Ant1-5825-PASS



11N20MIMO-Ant2-5825-PASS



11N40MIMO-Ant1-5190-PASS



11N40MIMO-Ant2-5190-PASS



11N40MIMO-Ant1-5230-PASS



11N40MIMO-Ant2-5230-PASS



11N40MIMO-Ant1-5755-PASS



11N40MIMO-Ant2-5755-PASS



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



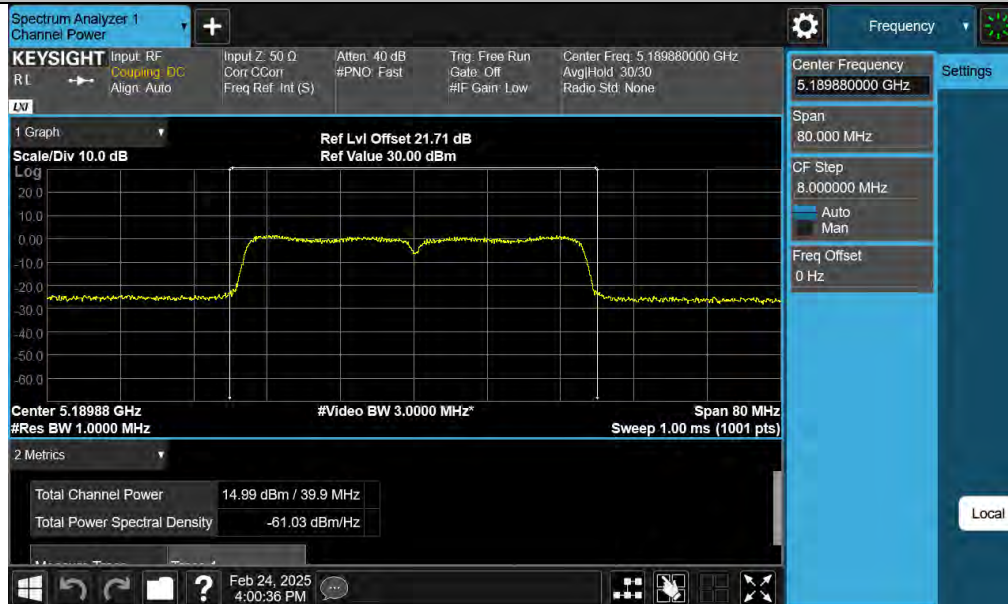
11AC20MIMO-Ant2-5825-PASS



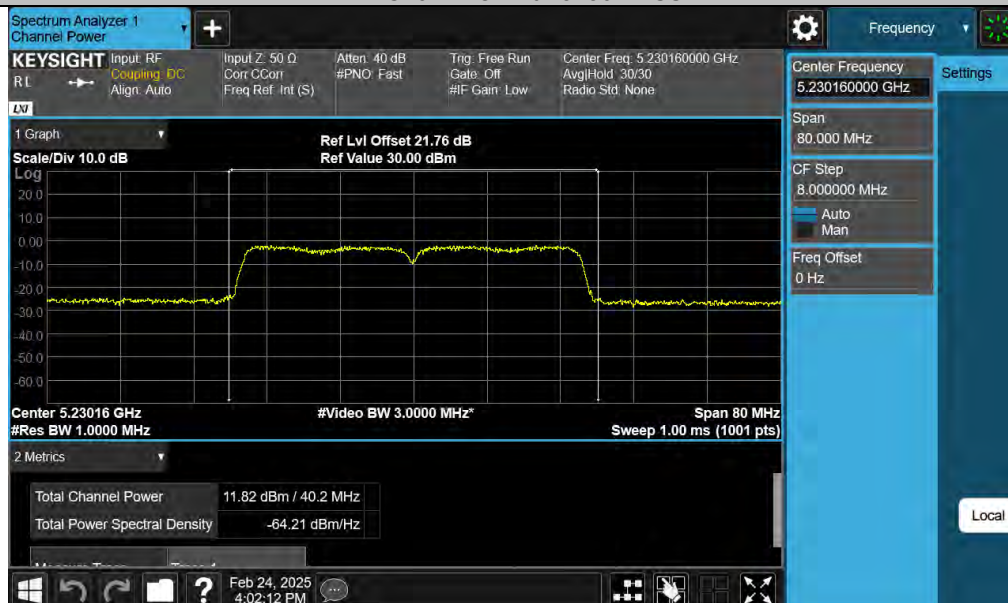
11AC40MIMO-Ant1-5190-PASS



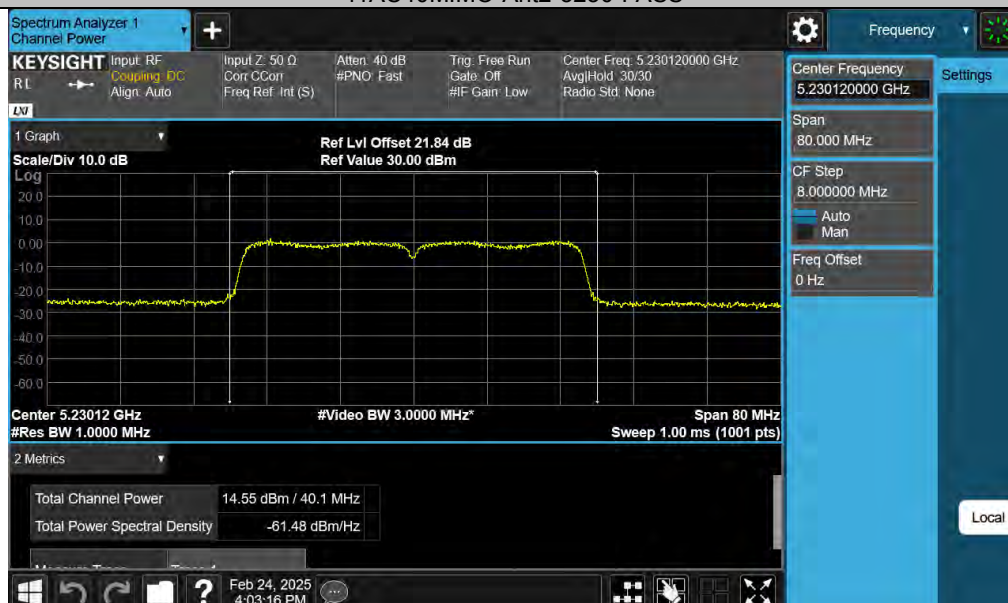
11AC40MIMO-Ant2-5190-PASS



11AC40MIMO-Ant1-5230-PASS



11AC40MIMO-Ant2-5230-PASS



11AC40MIMO-Ant1-5755-PASS



11AC40MIMO-Ant2-5755-PASS



11AC40MIMO-Ant1-5795-PASS



11AC40MIMO-Ant2-5795-PASS



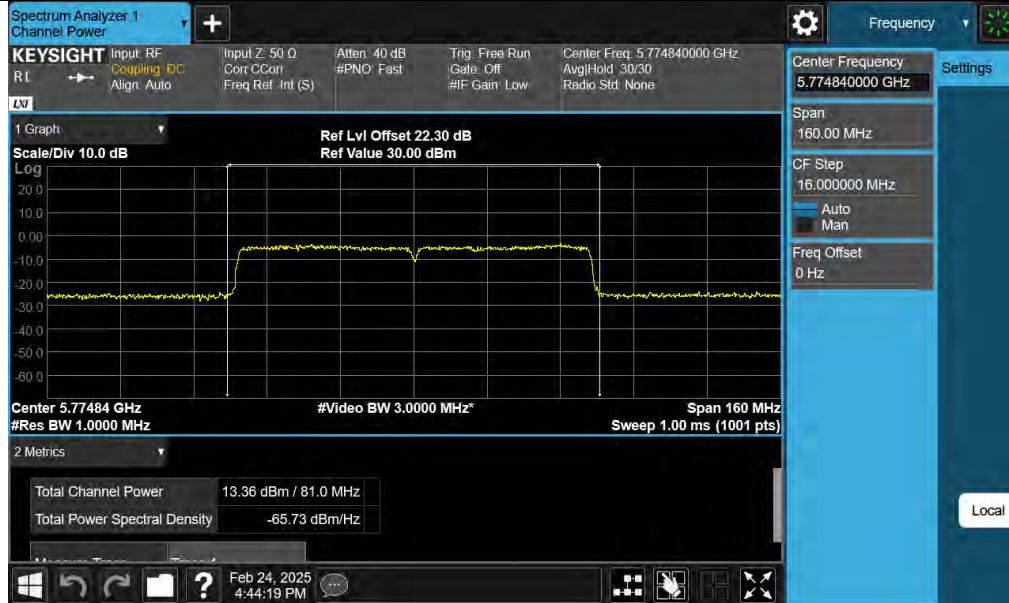
11AC80MIMO-Ant1-5210-PASS



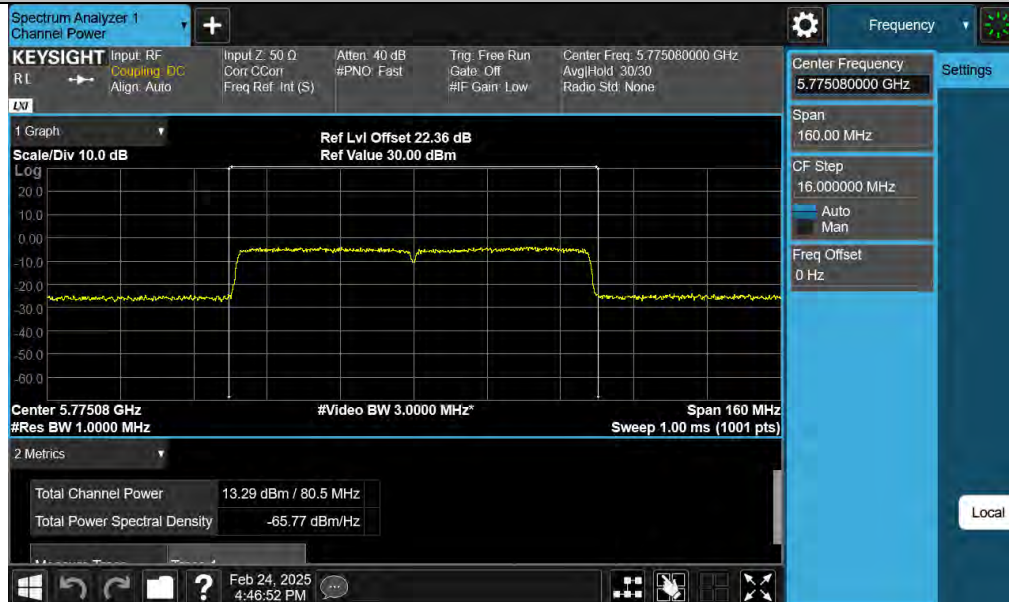
11AC80MIMO-Ant2-5210-PASS



11AC80MIMO-Ant1-5775-PASS



11AC80MIMO-Ant2-5775-PASS



Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	1.15	≤11.00	PASS
11A	Ant2	5180	-0.45	≤11.00	PASS
11A	Ant1	5200	0.36	≤11.00	PASS
11A	Ant2	5200	-0.60	≤11.00	PASS
11A	Ant1	5240	0.13	≤11.00	PASS
11A	Ant2	5240	0.89	≤11.00	PASS
11A	Ant1	5745	-0.56	≤30.00	PASS
11A	Ant2	5745	-0.51	≤30.00	PASS
11A	Ant1	5785	-1.33	≤30.00	PASS
11A	Ant2	5785	-0.50	≤30.00	PASS
11A	Ant1	5825	-1.40	≤30.00	PASS
11A	Ant2	5825	-0.68	≤30.00	PASS
11N20MIMO	Ant1	5180	1.17	≤11.00	PASS
11N20MIMO	Ant2	5180	1.76	≤11.00	PASS
11N20MIMO	total	5180	4.49	≤11.00	PASS
11N20MIMO	Ant1	5200	0.20	≤11.00	PASS
11N20MIMO	Ant2	5200	1.78	≤11.00	PASS
11N20MIMO	total	5200	4.07	≤11.00	PASS
11N20MIMO	Ant1	5240	-0.18	≤11.00	PASS
11N20MIMO	Ant2	5240	3.18	≤11.00	PASS
11N20MIMO	total	5240	4.83	≤11.00	PASS
11N20MIMO	Ant1	5745	0.11	≤30.00	PASS
11N20MIMO	Ant2	5745	1.11	≤30.00	PASS
11N20MIMO	total	5745	3.65	≤30.00	PASS
11N20MIMO	Ant1	5785	-0.64	≤30.00	PASS
11N20MIMO	Ant2	5785	0.91	≤30.00	PASS
11N20MIMO	total	5785	3.21	≤30.00	PASS
11N20MIMO	Ant1	5825	-0.88	≤30.00	PASS
11N20MIMO	Ant2	5825	0.87	≤30.00	PASS
11N20MIMO	total	5825	3.09	≤30.00	PASS
11N40MIMO	Ant1	5190	-1.51	≤11.00	PASS
11N40MIMO	Ant2	5190	-2.28	≤11.00	PASS
11N40MIMO	total	5190	1.13	≤11.00	PASS
11N40MIMO	Ant1	5230	-3.56	≤11.00	PASS
11N40MIMO	Ant2	5230	-0.81	≤11.00	PASS
11N40MIMO	total	5230	1.04	≤11.00	PASS
11N40MIMO	Ant1	5755	-3.73	≤30.00	PASS
11N40MIMO	Ant2	5755	-2.69	≤30.00	PASS
11N40MIMO	total	5755	-0.17	≤30.00	PASS
11N40MIMO	Ant1	5795	-4.61	≤30.00	PASS
11N40MIMO	Ant2	5795	-2.95	≤30.00	PASS
11N40MIMO	total	5795	-0.69	≤30.00	PASS
11AC20MIMO	Ant1	5180	1.53	≤11.00	PASS
11AC20MIMO	Ant2	5180	0.63	≤11.00	PASS
11AC20MIMO	total	5180	4.11	≤11.00	PASS
11AC20MIMO	Ant1	5200	0.61	≤11.00	PASS
11AC20MIMO	Ant2	5200	0.65	≤11.00	PASS
11AC20MIMO	total	5200	3.64	≤11.00	PASS
11AC20MIMO	Ant1	5240	-0.73	≤11.00	PASS
11AC20MIMO	Ant2	5240	1.96	≤11.00	PASS
11AC20MIMO	total	5240	3.83	≤11.00	PASS
11AC20MIMO	Ant1	5745	-1.06	≤30.00	PASS

11AC20MIMO	Ant2	5745	0.23	≤30.00	PASS
11AC20MIMO	total	5745	2.64	≤30.00	PASS
11AC20MIMO	Ant1	5785	-1.57	≤30.00	PASS
11AC20MIMO	Ant2	5785	-0.02	≤30.00	PASS
11AC20MIMO	total	5785	2.28	≤30.00	PASS
11AC20MIMO	Ant1	5825	-1.74	≤30.00	PASS
11AC20MIMO	Ant2	5825	-0.19	≤30.00	PASS
11AC20MIMO	total	5825	2.11	≤30.00	PASS
11AC40MIMO	Ant1	5190	-1.48	≤11.00	PASS
11AC40MIMO	Ant2	5190	1.12	≤11.00	PASS
11AC40MIMO	total	5190	3.02	≤11.00	PASS
11AC40MIMO	Ant1	5230	-2.32	≤11.00	PASS
11AC40MIMO	Ant2	5230	0.61	≤11.00	PASS
11AC40MIMO	total	5230	2.40	≤11.00	PASS
11AC40MIMO	Ant1	5755	-3.92	≤30.00	PASS
11AC40MIMO	Ant2	5755	-4.52	≤30.00	PASS
11AC40MIMO	total	5755	-1.20	≤30.00	PASS
11AC40MIMO	Ant1	5795	-4.64	≤30.00	PASS
11AC40MIMO	Ant2	5795	-4.86	≤30.00	PASS
11AC40MIMO	total	5795	-1.74	≤30.00	PASS
11AC80MIMO	Ant1	5210	-4.75	≤11.00	PASS
11AC80MIMO	Ant2	5210	-2.36	≤11.00	PASS
11AC80MIMO	total	5210	-0.38	≤11.00	PASS
11AC80MIMO	Ant1	5775	-7.52	≤30.00	PASS
11AC80MIMO	Ant2	5775	-7.62	≤30.00	PASS
11AC80MIMO	total	5775	-4.56	≤30.00	PASS

Note : 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

11A-Ant1-5180-PASS



11A-Ant2-5180-PASS



11A-Ant1-5200-PASS



11A-Ant2-5200-PASS



11A-Ant1-5240-PASS



11A-Ant2-5240-PASS



11A-Ant1-5745-PASS



11A-Ant2-5745-PASS



11A-Ant1-5785-PASS



11A-Ant2-5785-PASS



11A-Ant1-5825-PASS



11A-Ant2-5825-PASS



11N20MIMO-Ant1-5180-PASS



11N20MIMO-Ant2-5180-PASS



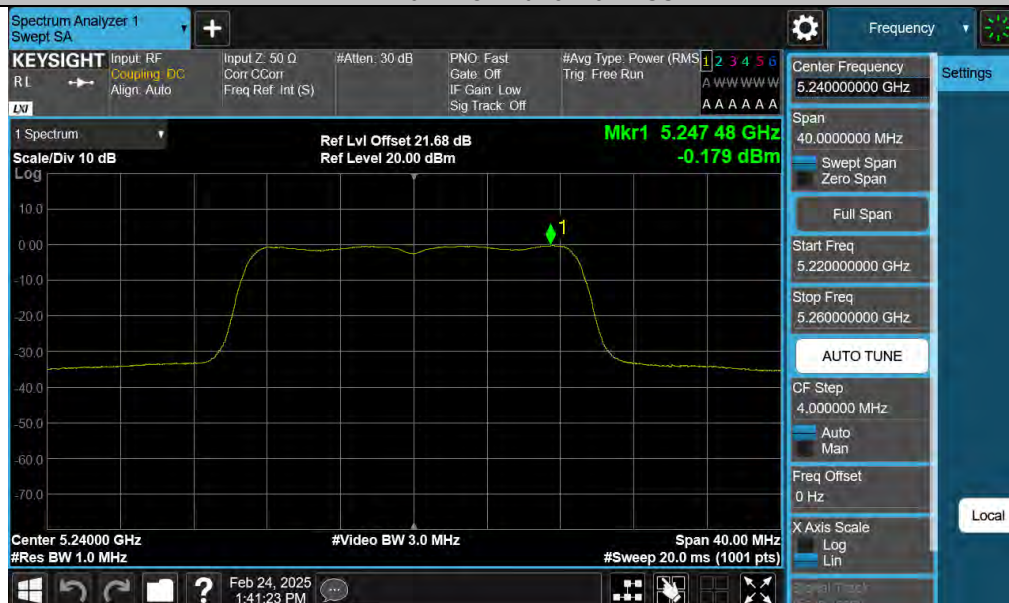
11N20MIMO-Ant1-5200-PASS



11N20MIMO-Ant2-5200-PASS



11N20MIMO-Ant1-5240-PASS



11N20MIMO-Ant2-5240-PASS

