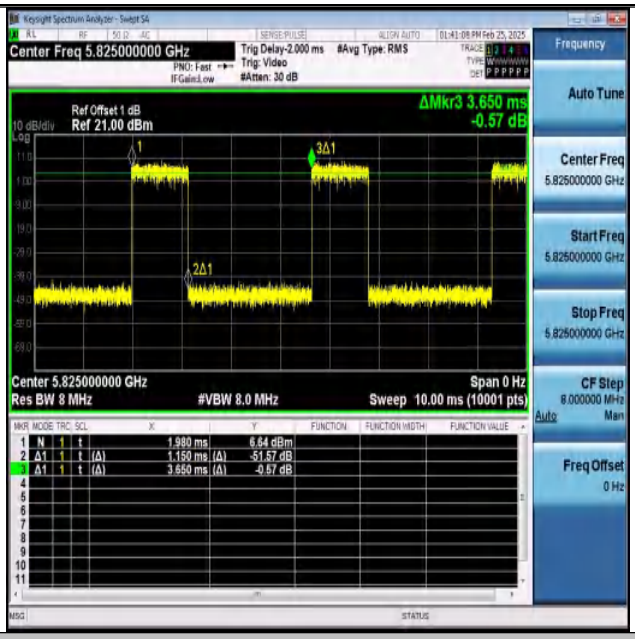
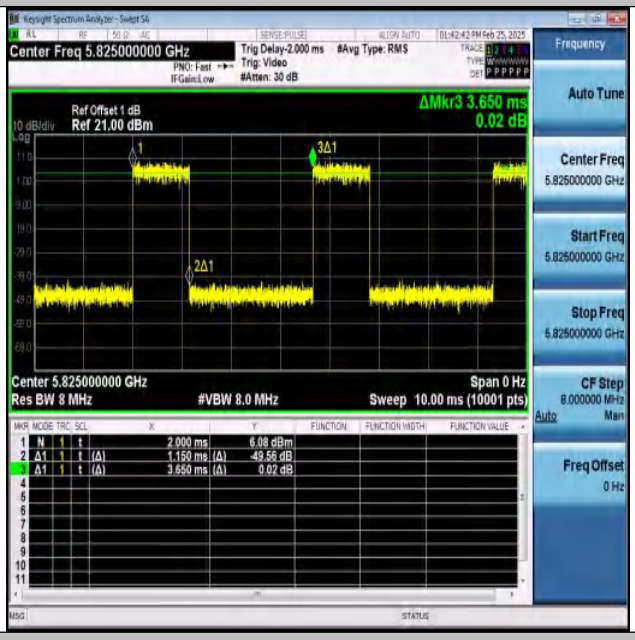
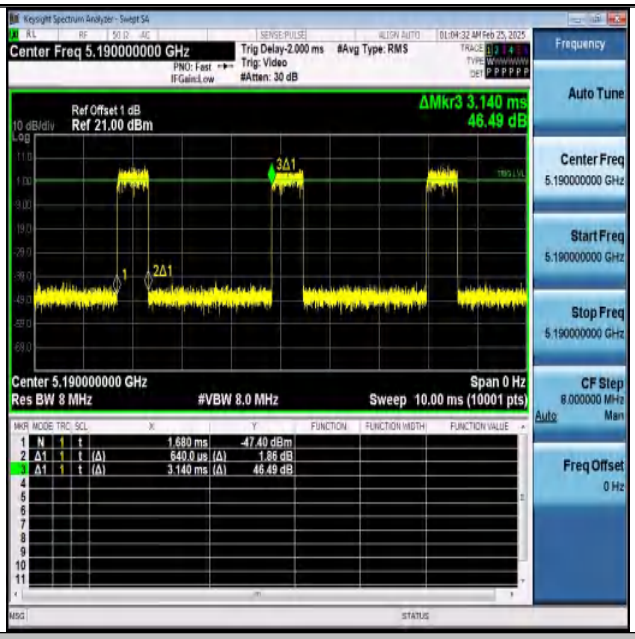


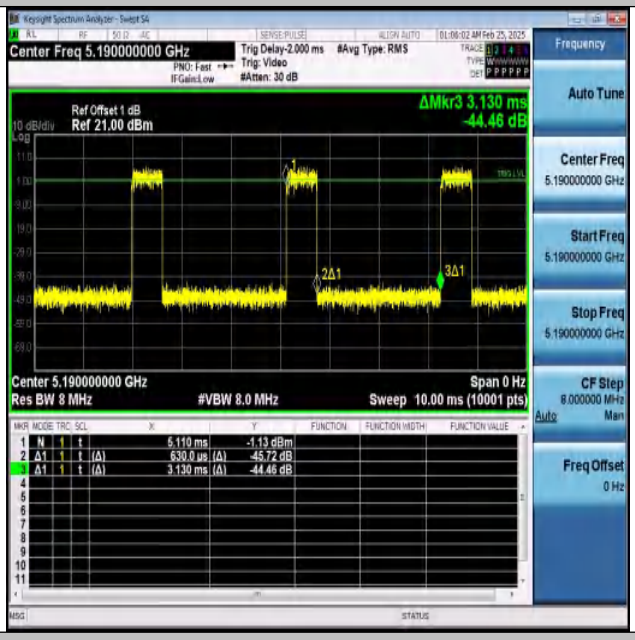
NTNV-11N20MIMO-Ant1-5825



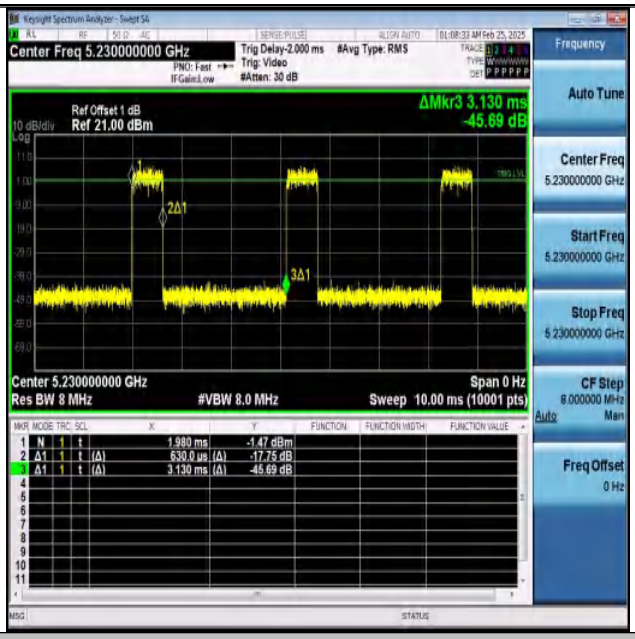
NTNV-11N20MIMO-Ant2-5825



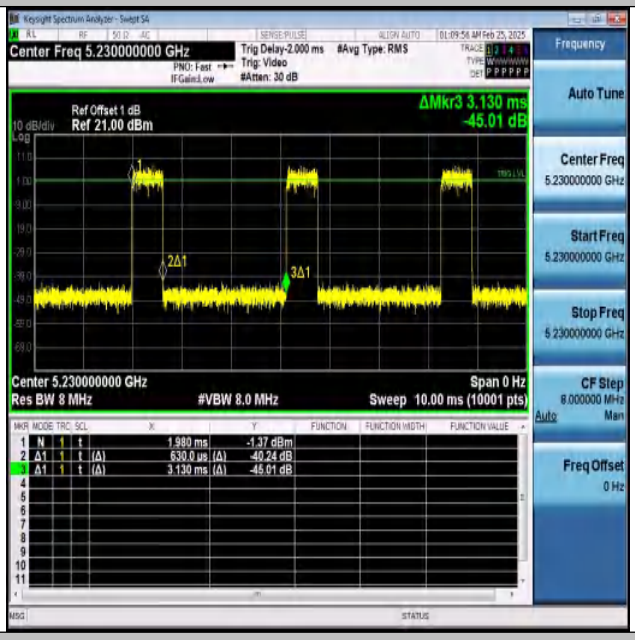
NTNV-11N40MIMO-Ant1-5190



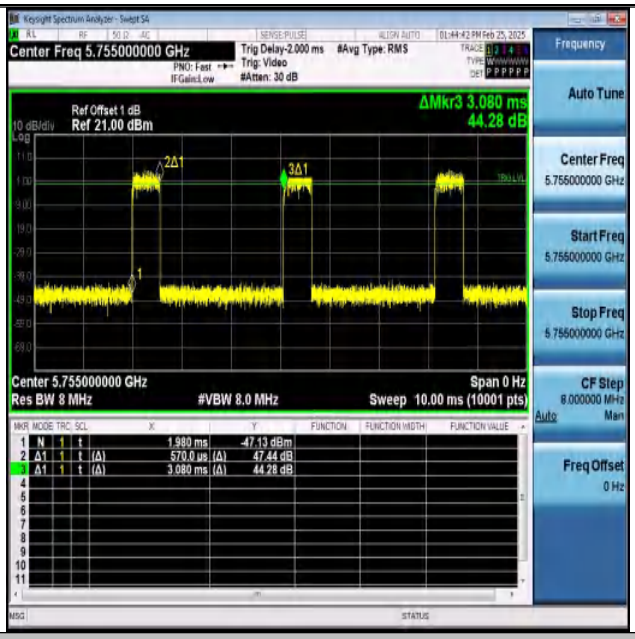
NTNV-11N40MIMO-Ant2-5190



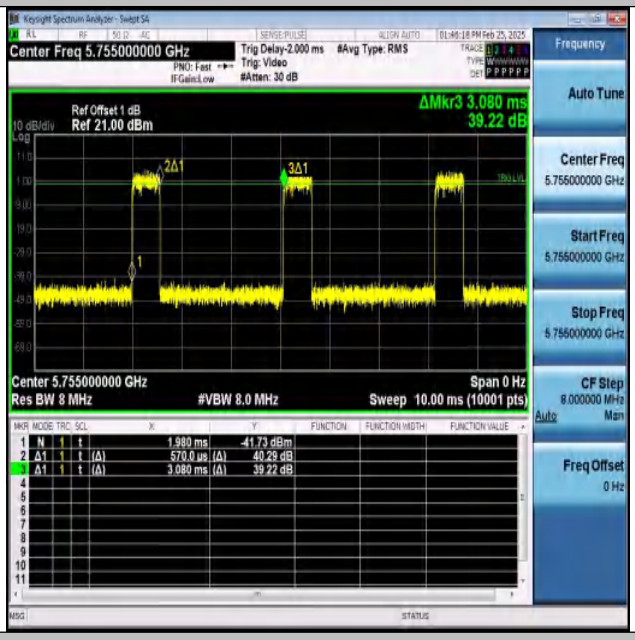
NTNV-11N40MIMO-Ant1-5230



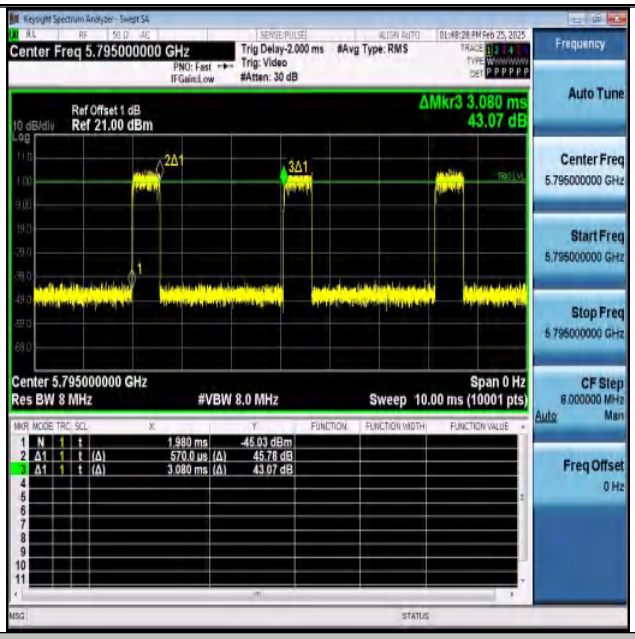
NTNV-11N40MIMO-Ant2-5230



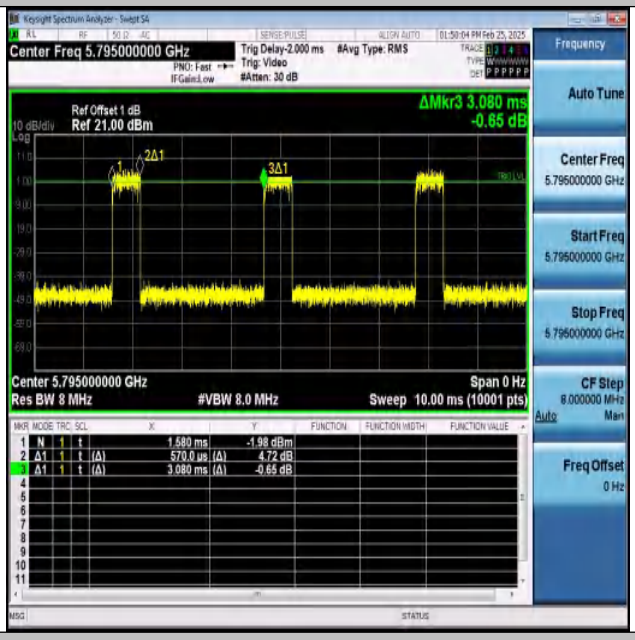
NTNV-11N40MIMO-Ant1-5755



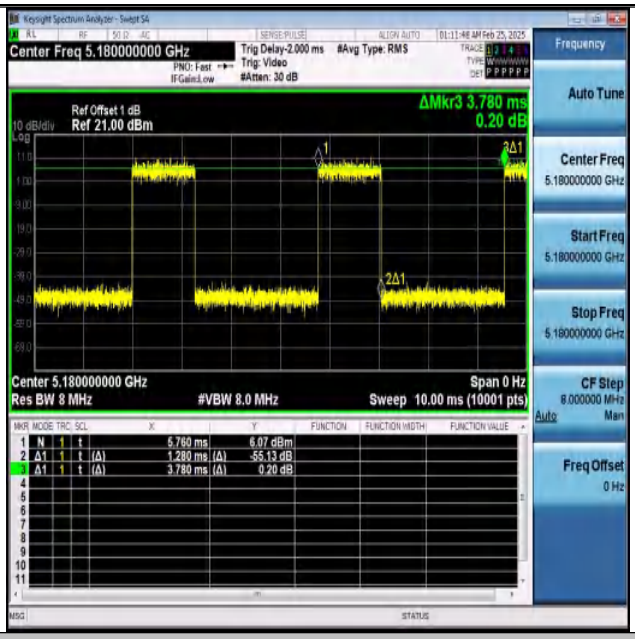
NTNV-11N40MIMO-Ant2-5755



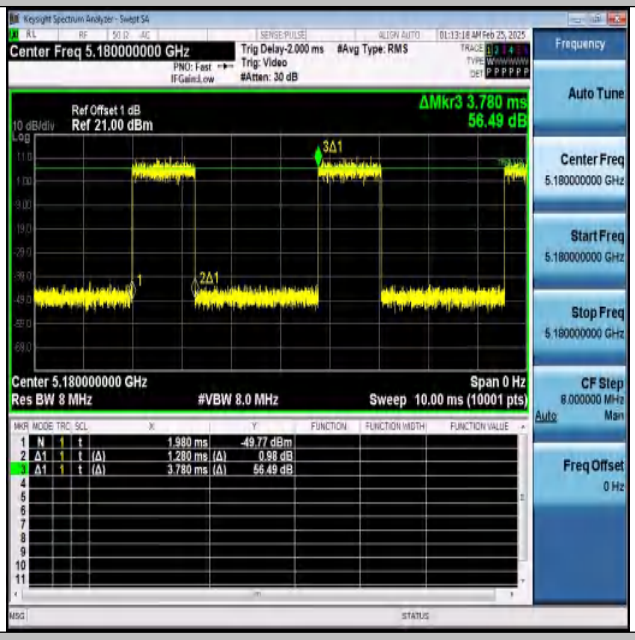
NTNV-11N40MIMO-Ant1-5795



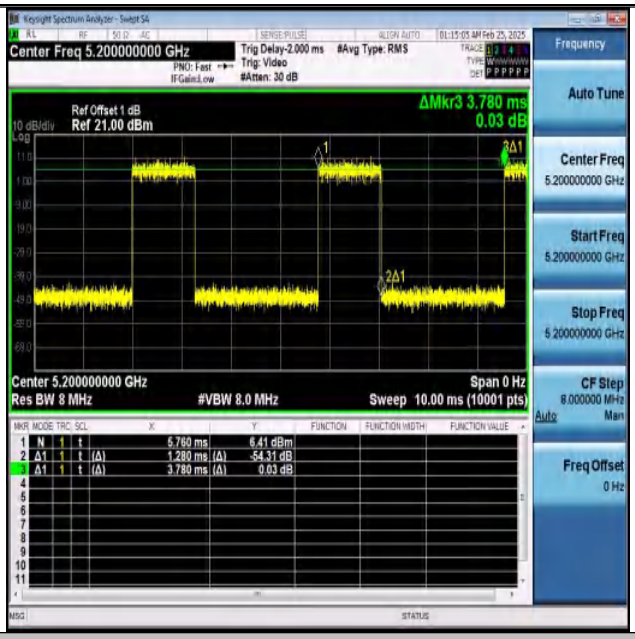
NTNV-11N40MIMO-Ant2-5795



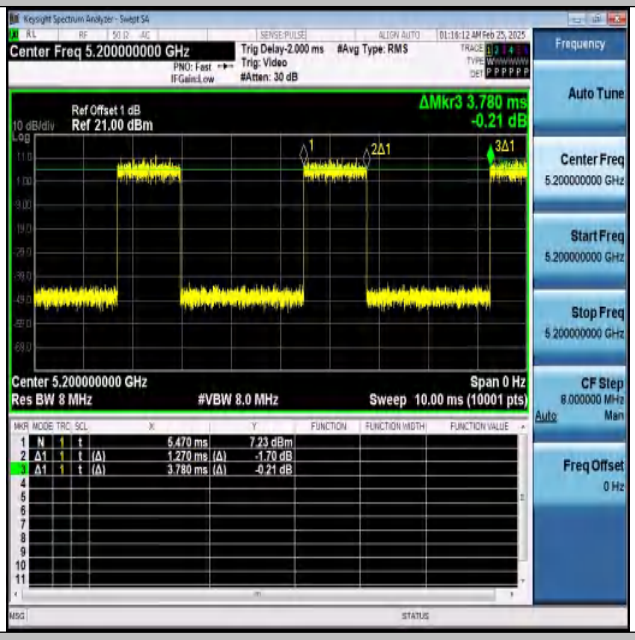
NTNV-11AC20MIMO-Ant1-5180



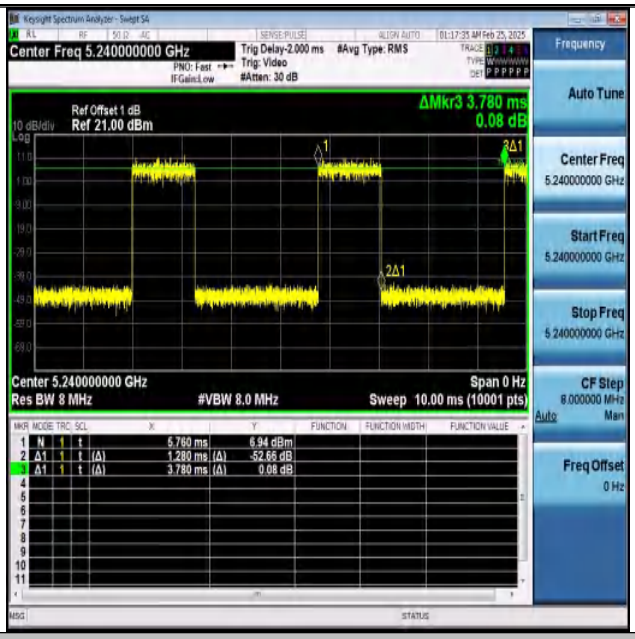
NTNV-11AC20MIMO-Ant2-5180



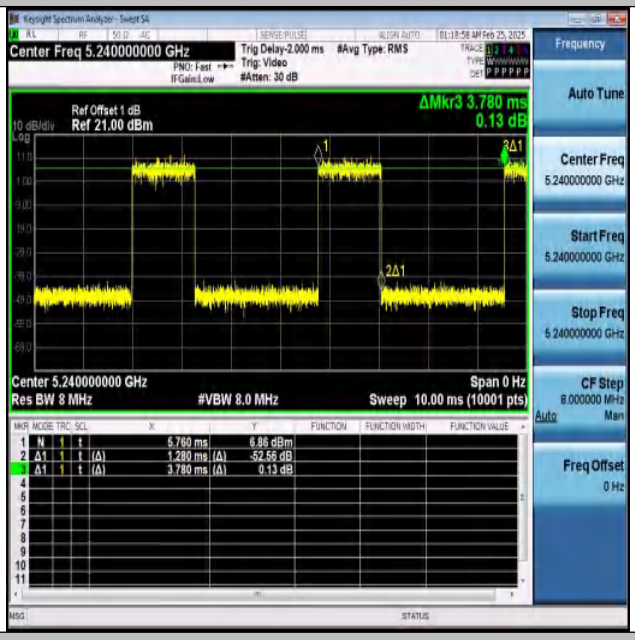
NTNV-11AC20MIMO-Ant1-5200



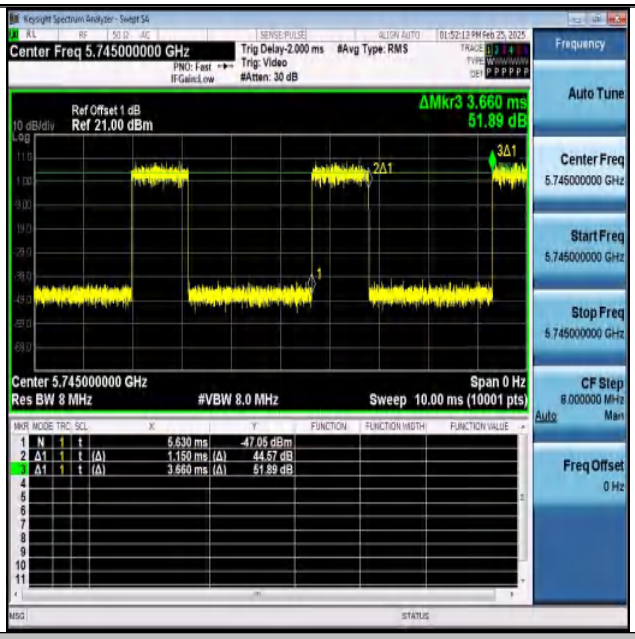
NTNV-11AC20MIMO-Ant2-5200



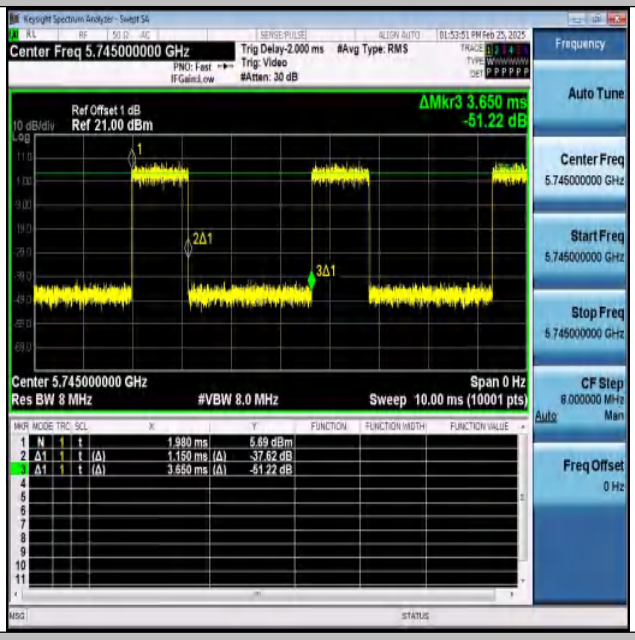
NTNV-11AC20MIMO-Ant1-5240



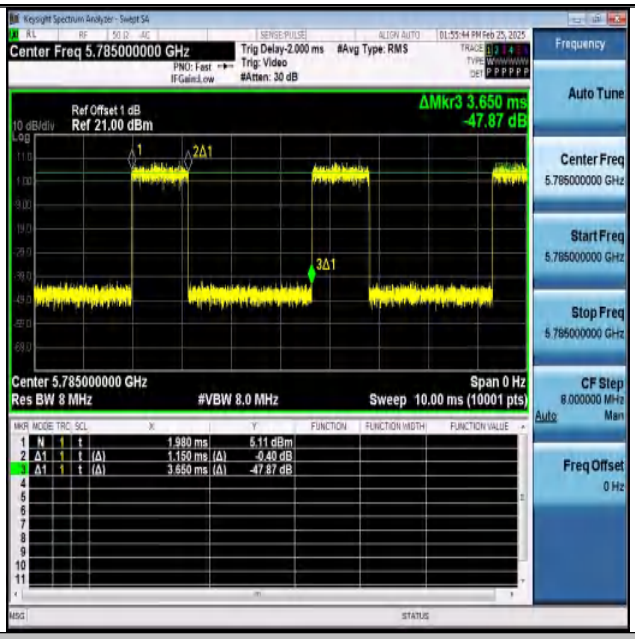
NTNV-11AC20MIMO-Ant2-5240



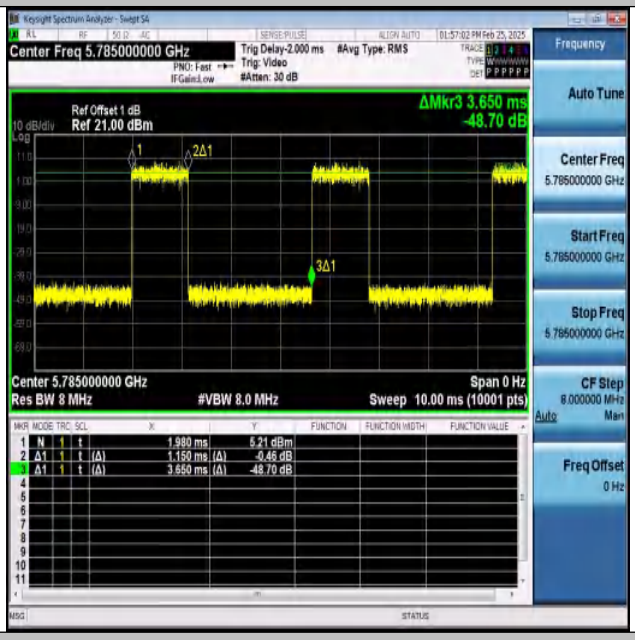
NTNV-11AC20MIMO-Ant1-5745



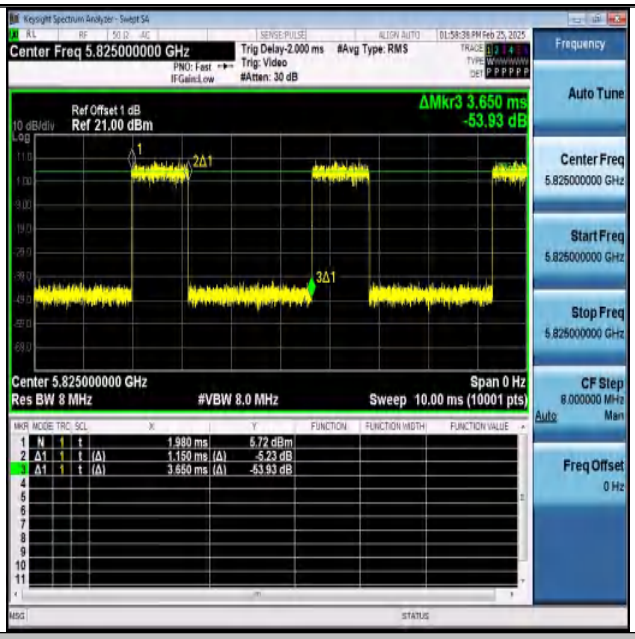
NTNV-11AC20MIMO-Ant2-5745



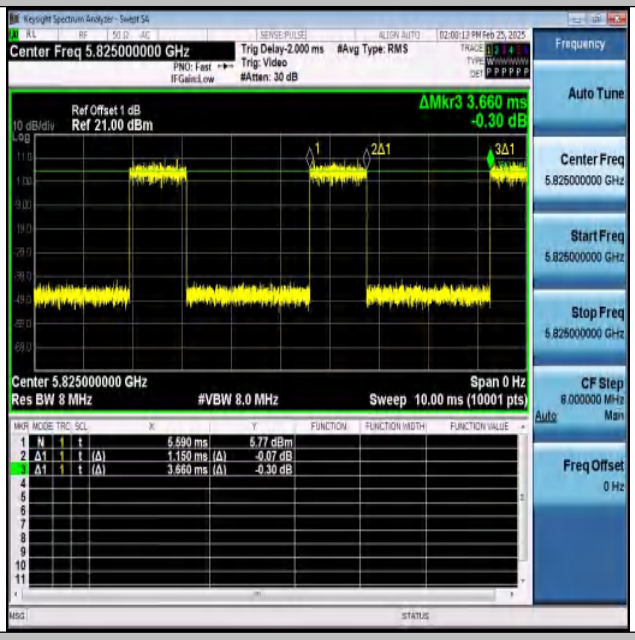
NTNV-11AC20MIMO-Ant1-5785



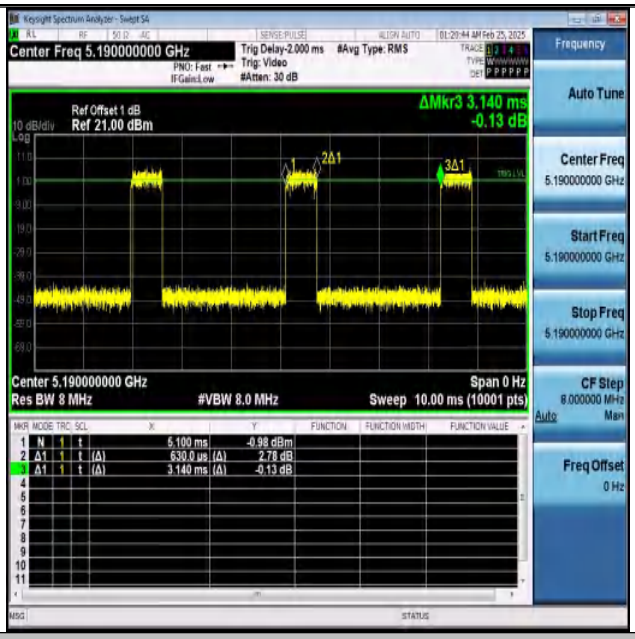
NTNV-11AC20MIMO-Ant2-5785



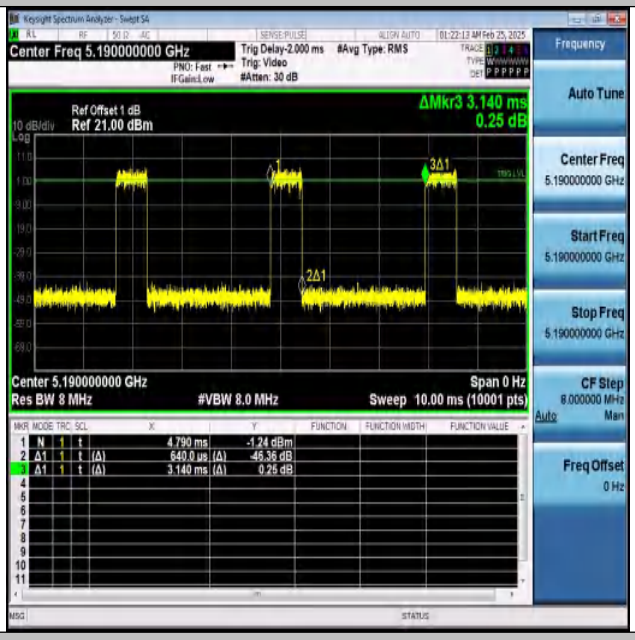
NTNV-11AC20MIMO-Ant1-5825



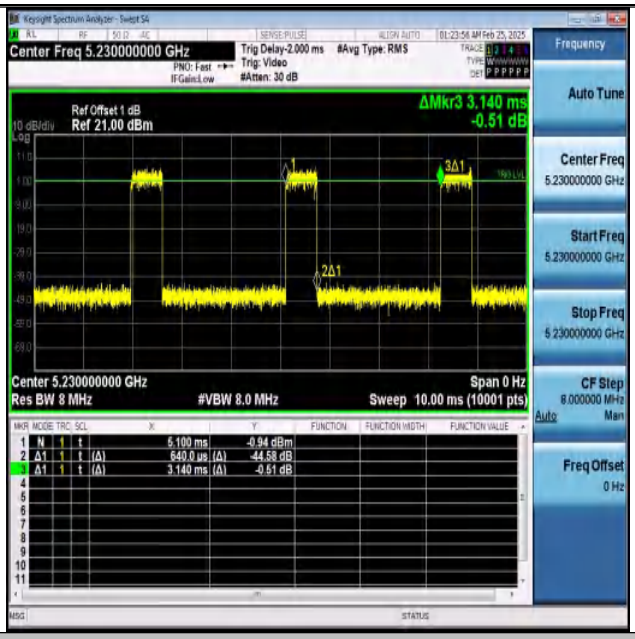
NTNV-11AC20MIMO-Ant2-5825



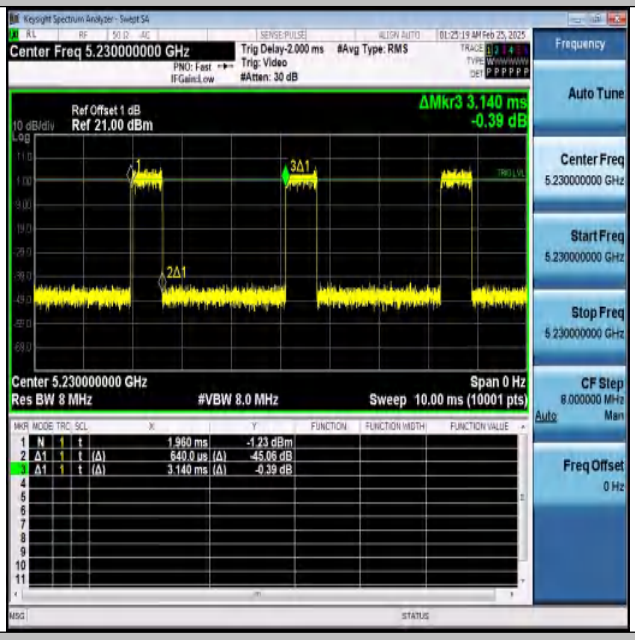
NTNV-11AC40MIMO-Ant1-5190



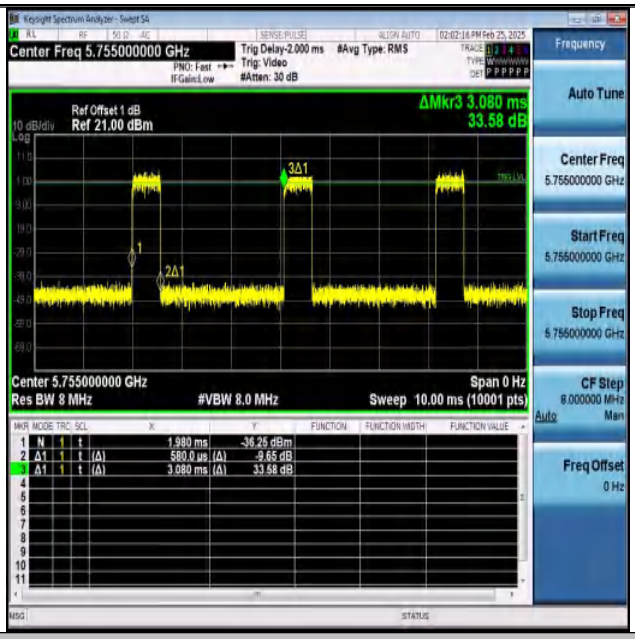
NTNV-11AC40MIMO-Ant2-5190



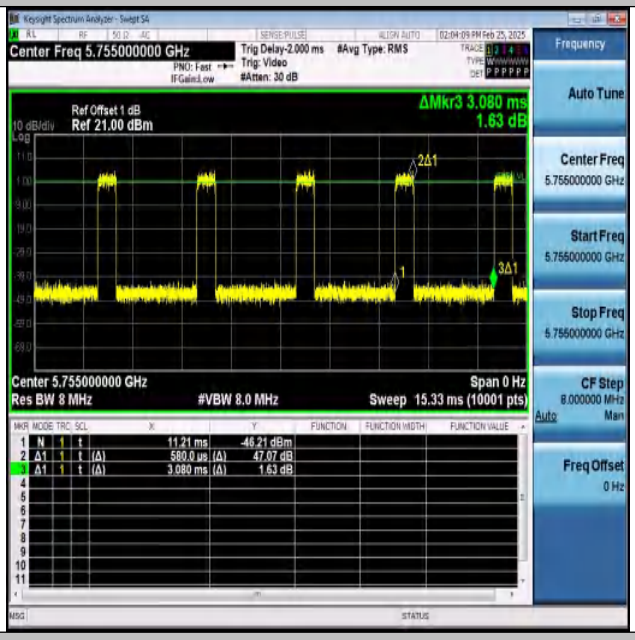
NTNV-11AC40MIMO-Ant1-5230



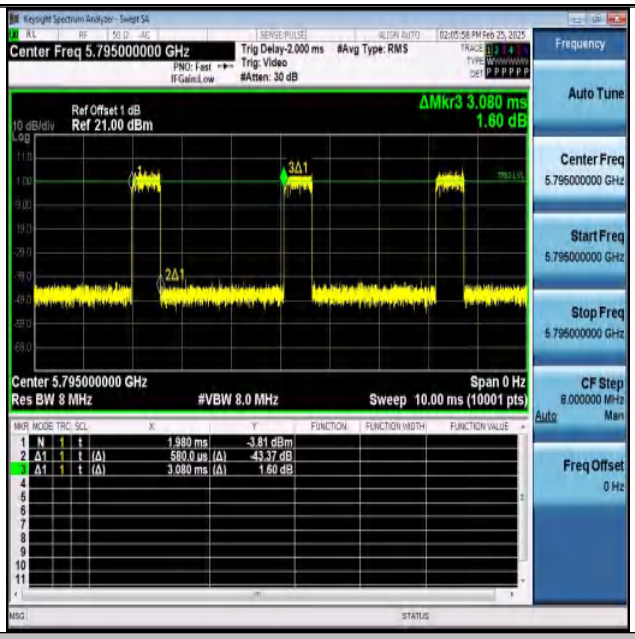
NTNV-11AC40MIMO-Ant2-5230



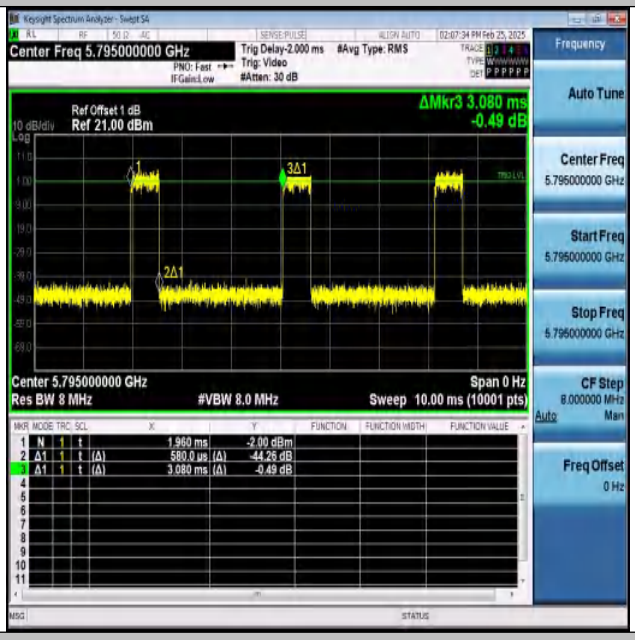
NTNV-11AC40MIMO-Ant1-5755



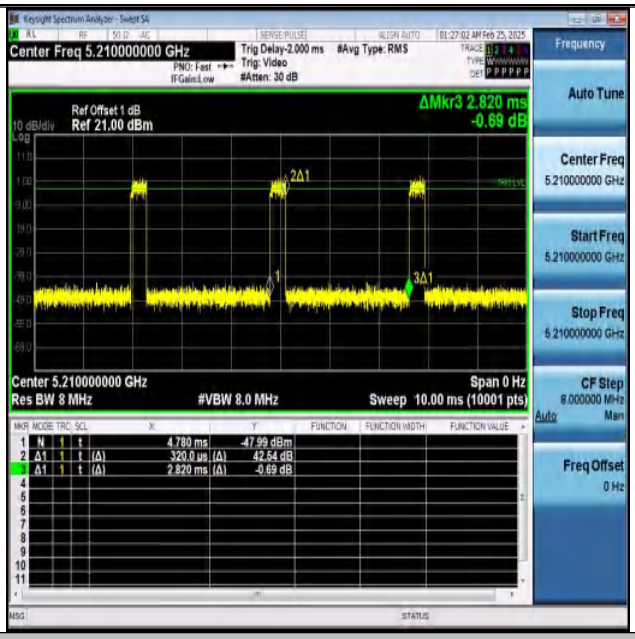
NTNV-11AC40MIMO-Ant2-5755



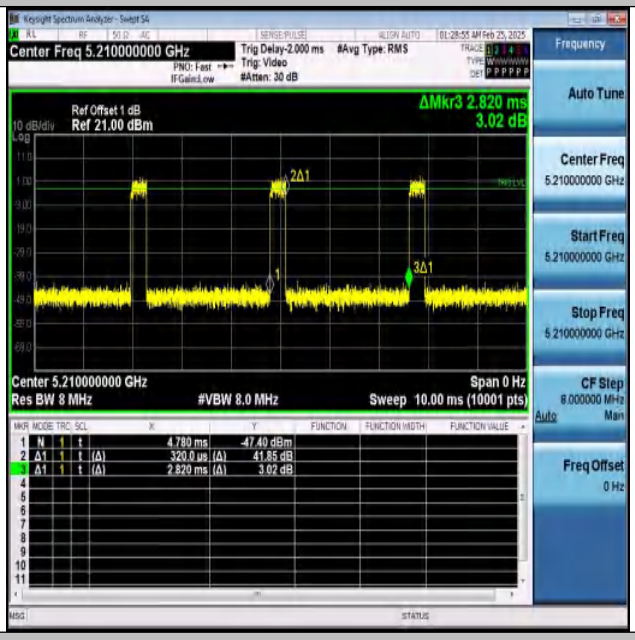
NTNV-11AC40MIMO-Ant1-5795



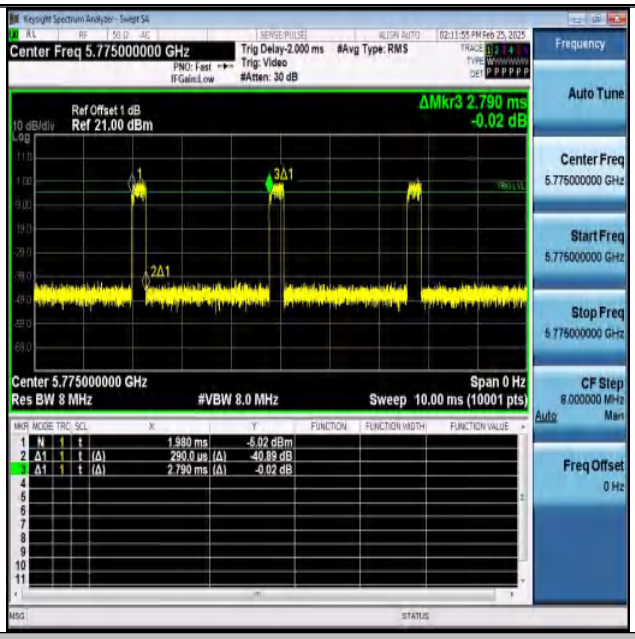
NTNV-11AC40MIMO-Ant2-5795



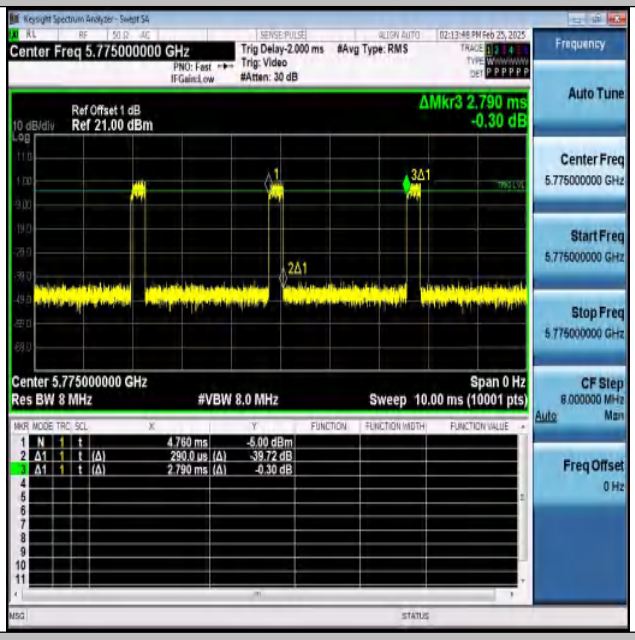
NTNV-11AC80MIMO-Ant1-5210



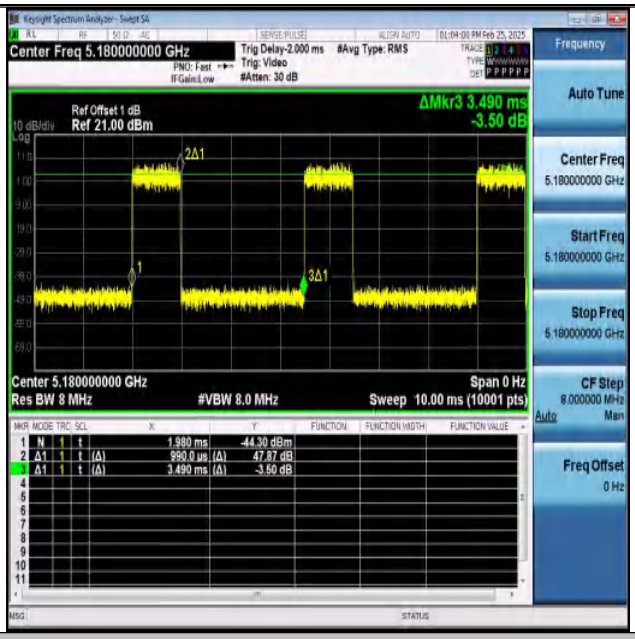
NTNV-11AC80MIMO-Ant2-5210



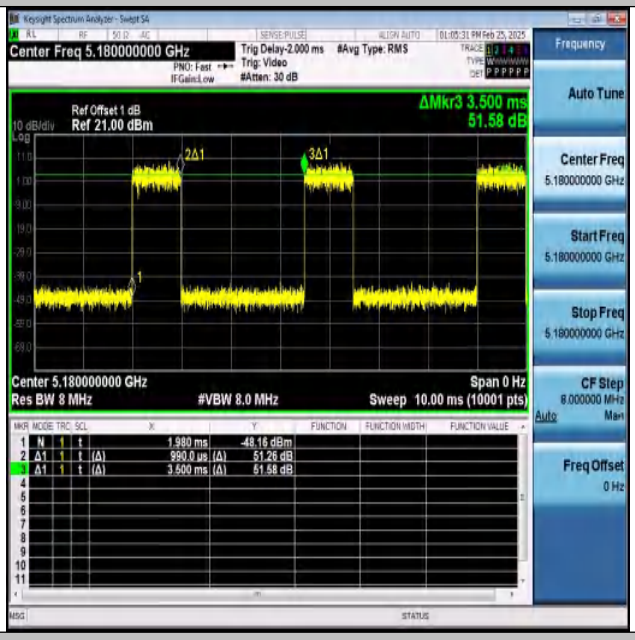
NTNV-11AC80MIMO-Ant1-5775



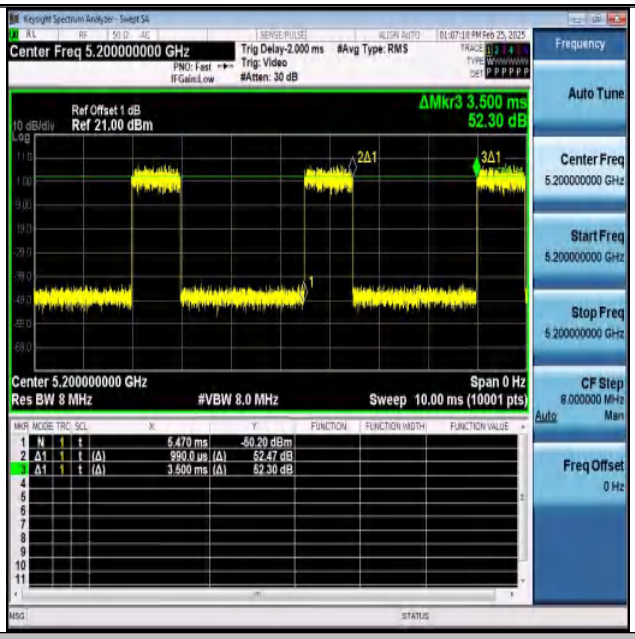
NTNV-11AC80MIMO-Ant2-5775



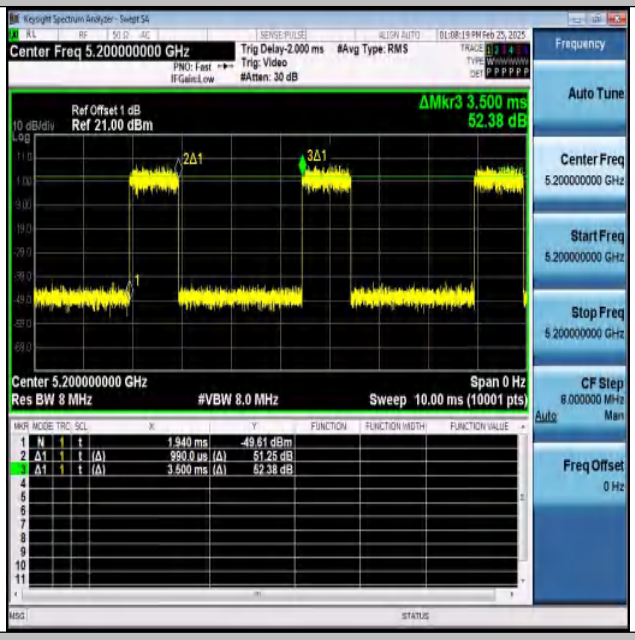
NTNV-11AX20MIMO-Ant1-5180



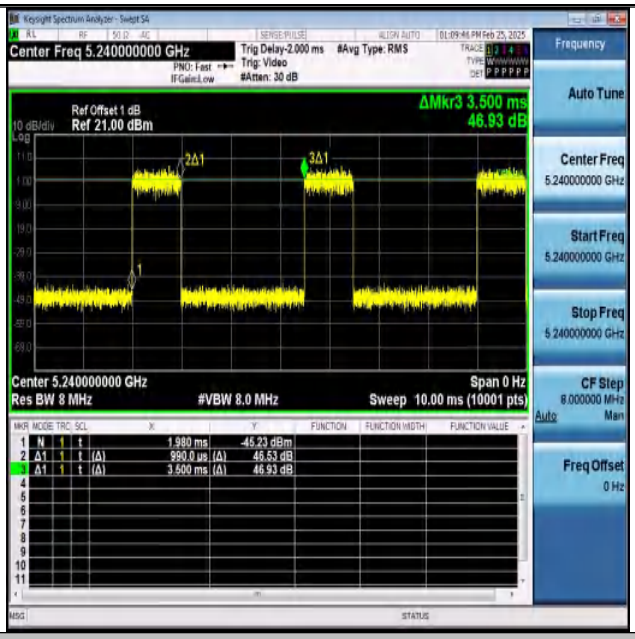
NTNV-11AX20MIMO-Ant2-5180



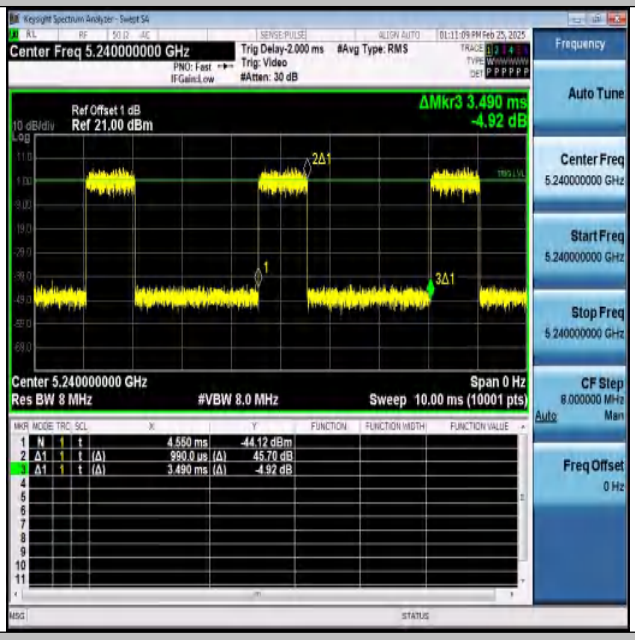
NTNV-11AX20MIMO-Ant1-5200



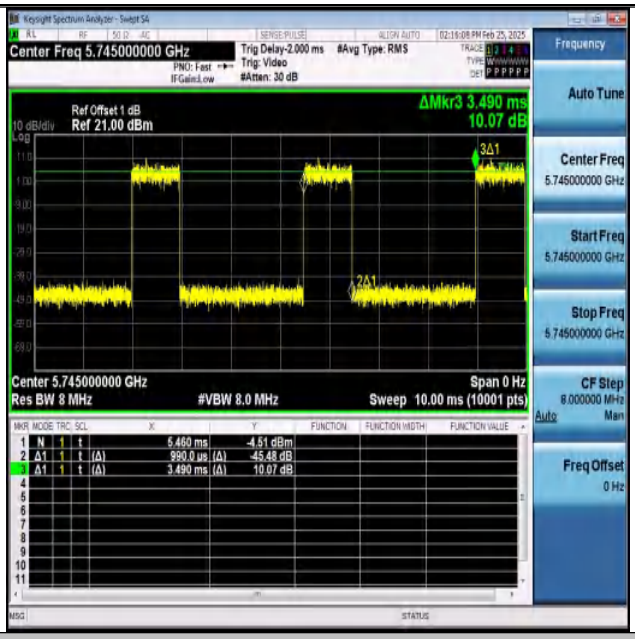
NTNV-11AX20MIMO-Ant2-5200



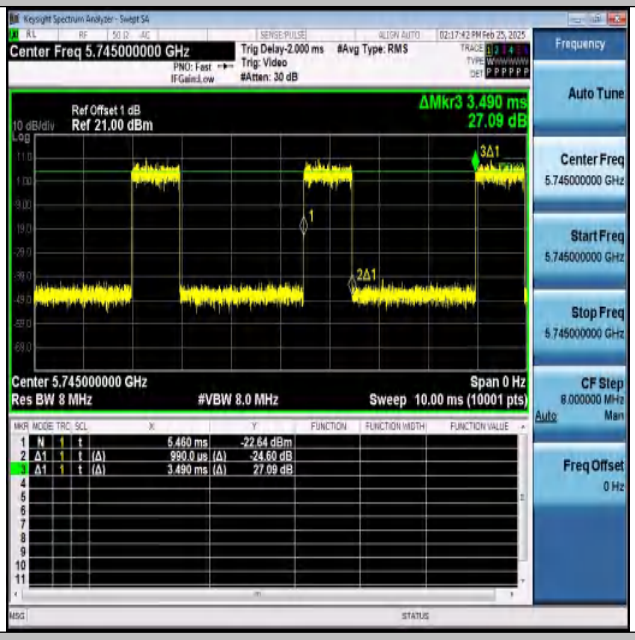
NTNV-11AX20MIMO-Ant1-5240



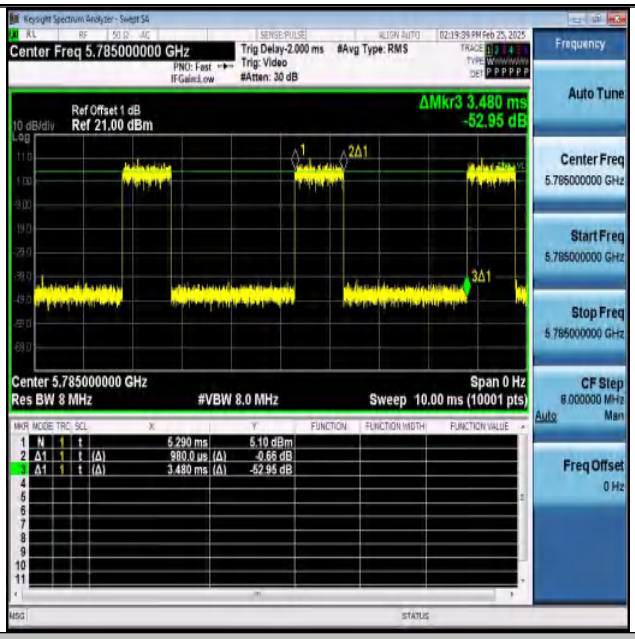
NTNV-11AX20MIMO-Ant2-5240



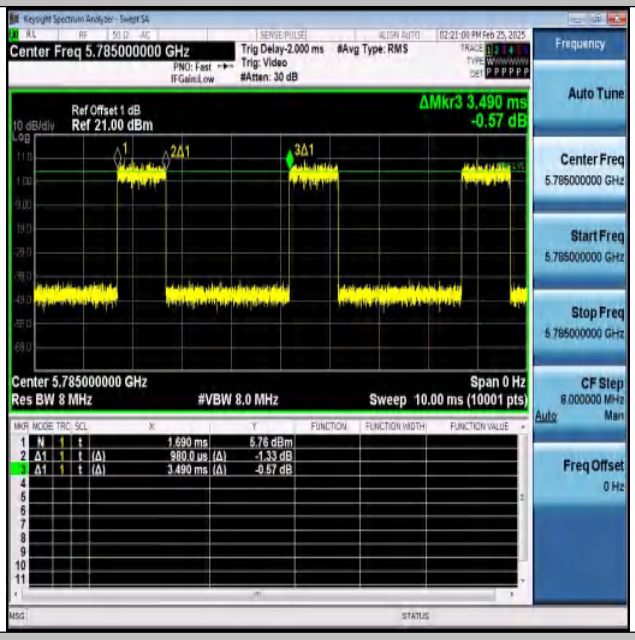
NTNV-11AX20MIMO-Ant1-5745



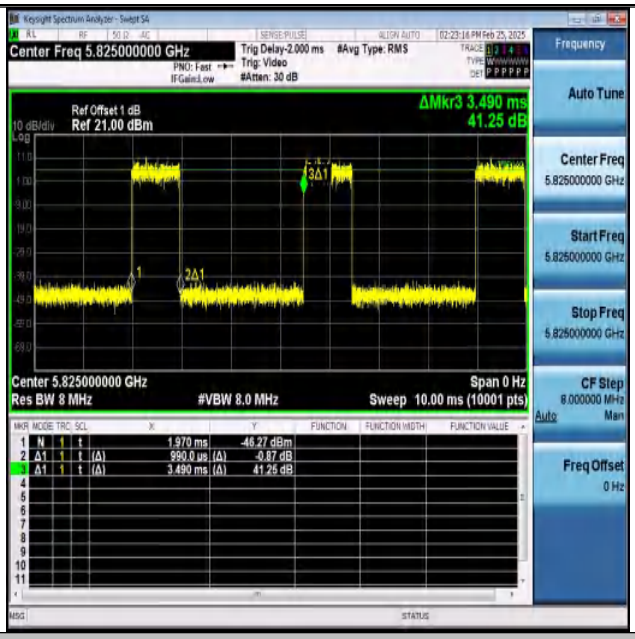
NTNV-11AX20MIMO-Ant2-5745



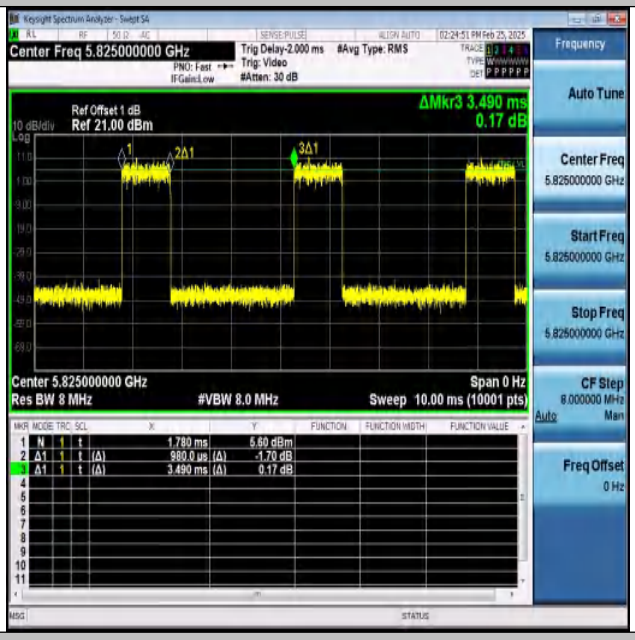
NTNV-11AX20MIMO-Ant1-5785



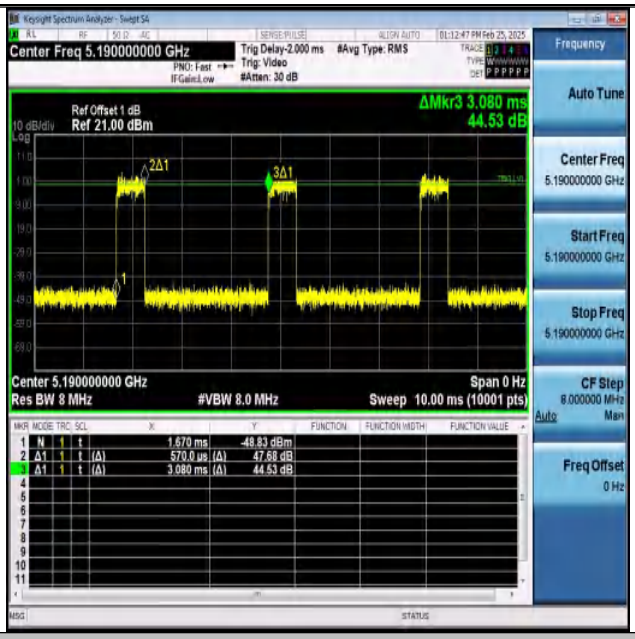
NTNV-11AX20MIMO-Ant2-5785



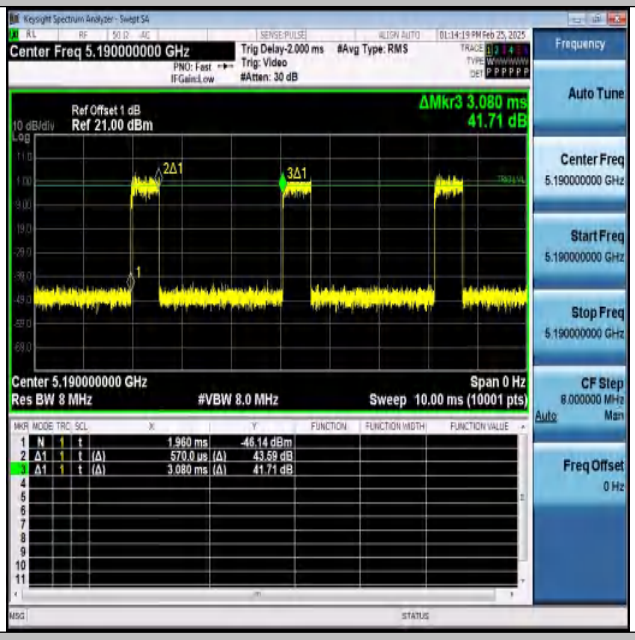
NTNV-11AX20MIMO-Ant1-5825



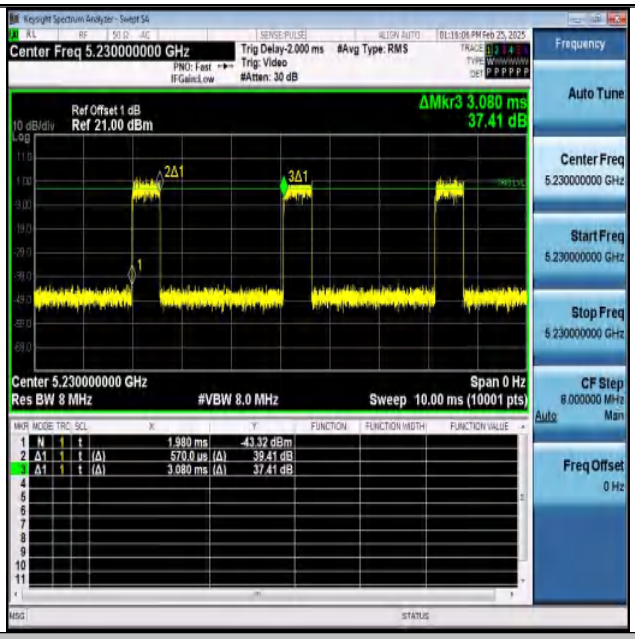
NTNV-11AX20MIMO-Ant2-5825



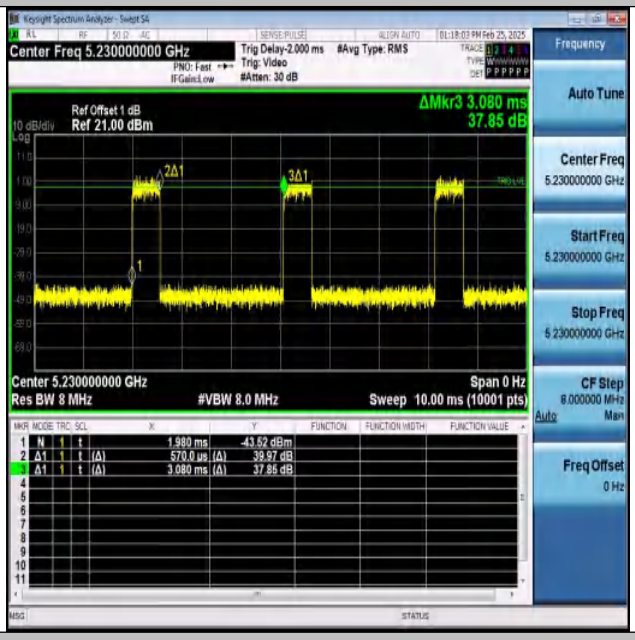
NTNV-11AX40MIMO-Ant1-5190



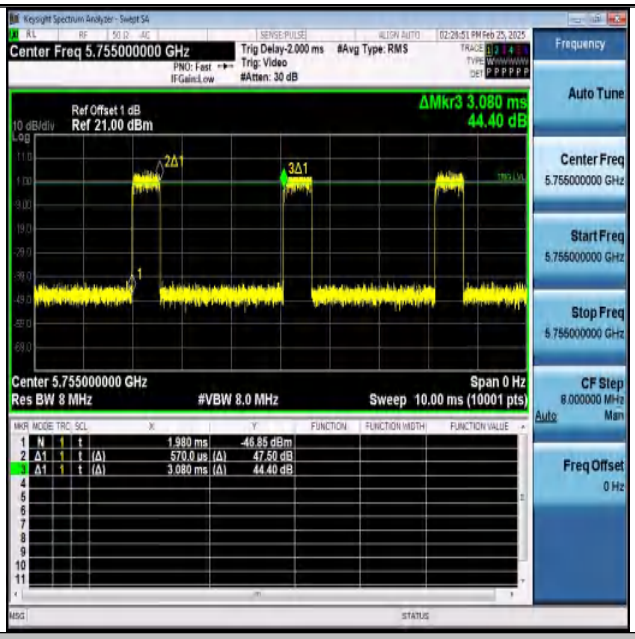
NTNV-11AX40MIMO-Ant2-5190



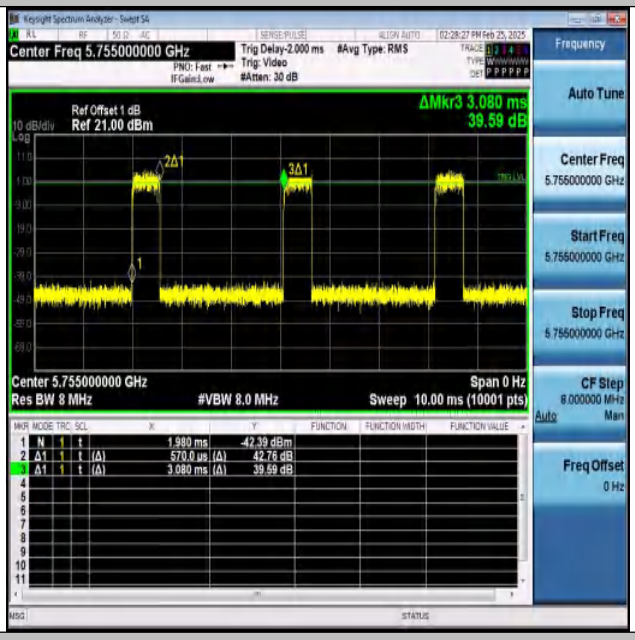
NTNV-11AX40MIMO-Ant1-5230



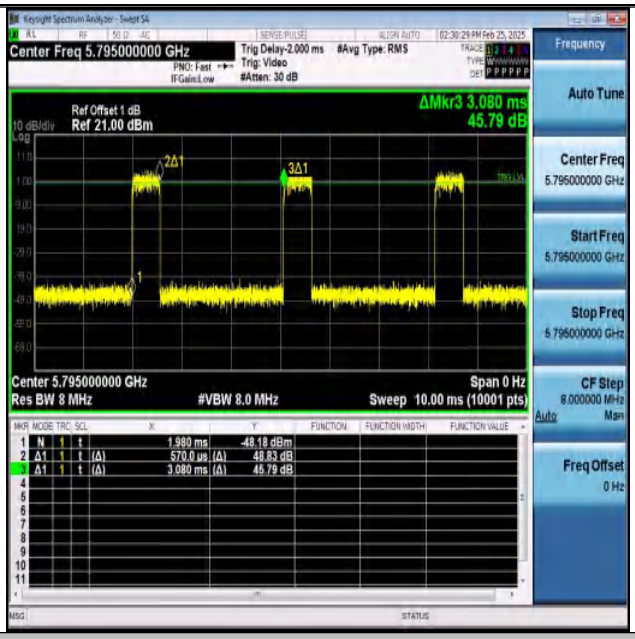
NTNV-11AX40MIMO-Ant2-5230



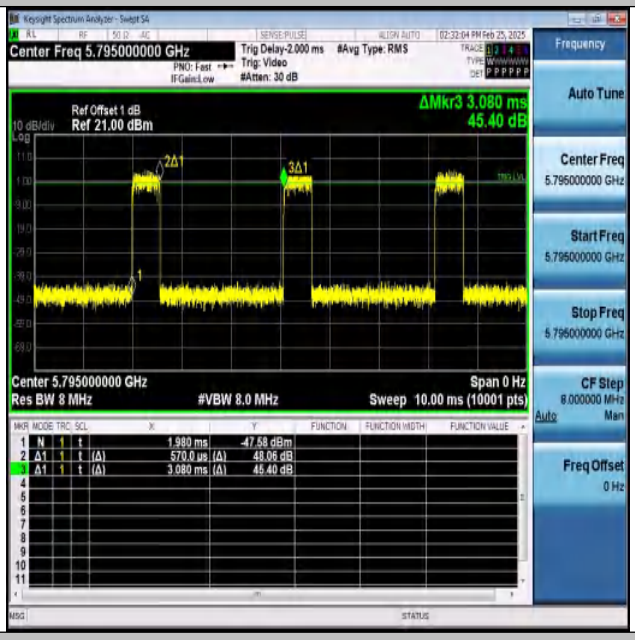
NTNV-11AX40MIMO-Ant1-5755



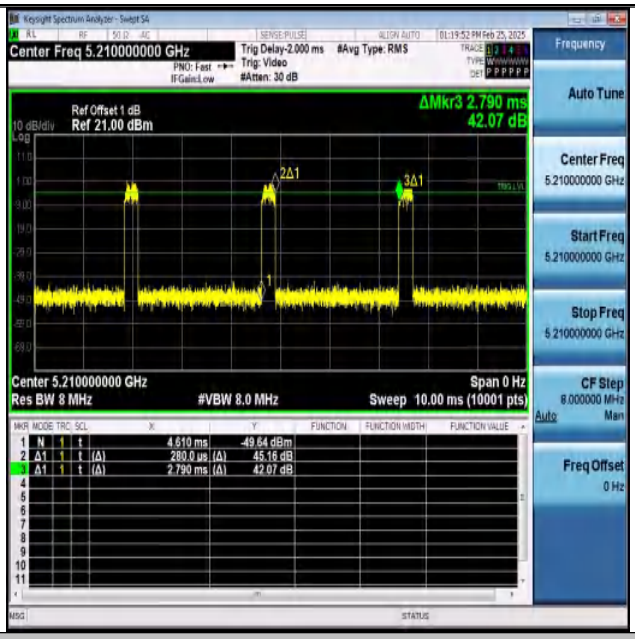
NTNV-11AX40MIMO-Ant2-5755



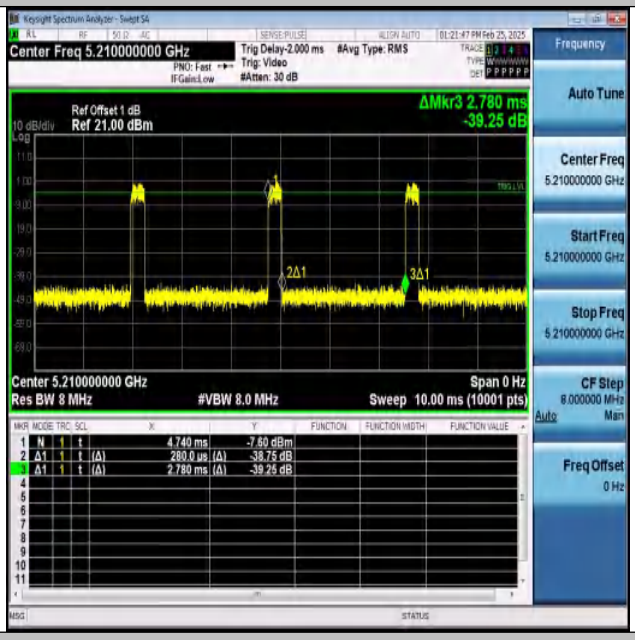
NTNV-11AX40MIMO-Ant1-5795



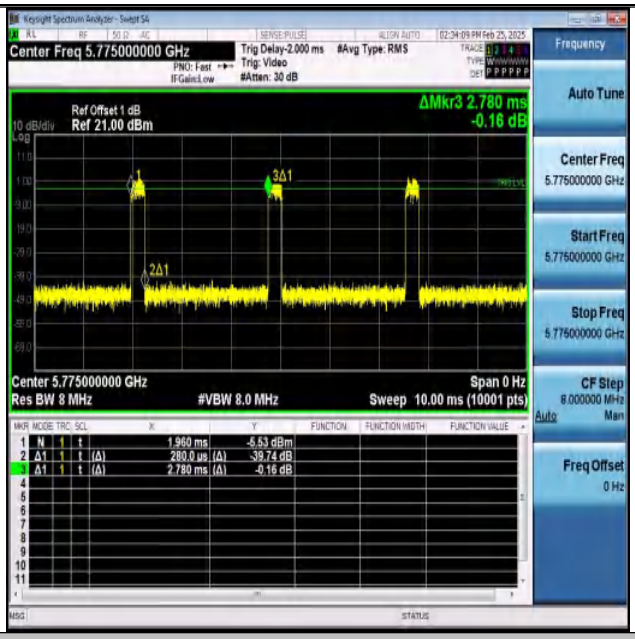
NTNV-11AX40MIMO-Ant2-5795



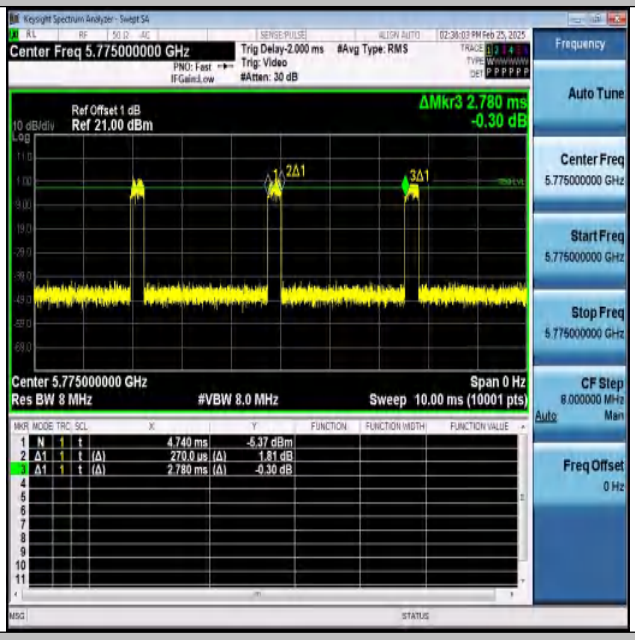
NTNV-11AX80MIMO-Ant1-5210



NTNV-11AX80MIMO-Ant2-5210



NTNV-11AX80MIMO-Ant1-5775



NTNV-11AX80MIMO-Ant2-5775

Appendix C: Maximum Conducted Output Power

Test Result Channel Power

Test Mode	Antenna	Frequency [MHz]	Set Power	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	---	9.23	35.14	4.54	13.77	≤23.98	PASS
11A	Ant2	5180	---	9.47	35.23	4.53	14.00	≤23.98	PASS
11A	Ant1	5200	---	9.29	35.23	4.53	13.82	≤23.98	PASS
11A	Ant2	5200	---	9.23	35.23	4.53	13.76	≤23.98	PASS
11A	Ant1	5240	---	9.40	35.23	4.53	13.93	≤23.98	PASS
11A	Ant2	5240	---	9.36	35.23	4.53	13.89	≤23.98	PASS
11A	Ant1	5745	---	7.65	35.23	4.53	12.18	≤30.00	PASS
11A	Ant2	5745	---	7.59	35.23	4.53	12.12	≤30.00	PASS
11A	Ant1	5785	---	7.79	35.23	4.53	12.32	≤30.00	PASS
11A	Ant2	5785	---	7.71	35.23	4.53	12.24	≤30.00	PASS
11A	Ant1	5825	---	8.30	35.14	4.54	12.84	≤30.00	PASS
11A	Ant2	5825	---	8.38	35.23	4.53	12.91	≤30.00	PASS
11N20MIMO	Ant1	5180	---	9.53	33.60	4.74	14.27	≤23.98	PASS
11N20MIMO	Ant2	5180	---	9.54	33.69	4.72	14.26	≤23.98	PASS
11N20MIMO	total	5180	---	---	---	---	17.28	≤22.10	PASS
11N20MIMO	Ant1	5200	---	9.23	33.69	4.72	13.95	≤23.98	PASS
11N20MIMO	Ant2	5200	---	9.28	33.69	4.72	14.00	≤23.98	PASS
11N20MIMO	total	5200	---	---	---	---	16.99	≤22.10	PASS
11N20MIMO	Ant1	5240	---	9.29	33.69	4.72	14.01	≤23.98	PASS
11N20MIMO	Ant2	5240	---	9.35	33.86	4.70	14.05	≤23.98	PASS
11N20MIMO	total	5240	---	---	---	---	17.04	≤22.10	PASS
11N20MIMO	Ant1	5745	---	7.52	31.51	5.02	12.54	≤30.00	PASS
11N20MIMO	Ant2	5745	---	7.54	31.51	5.02	12.56	≤30.00	PASS
11N20MIMO	total	5745	---	---	---	---	15.56	≤27.98	PASS
11N20MIMO	Ant1	5785	---	7.83	31.51	5.02	12.85	≤30.00	PASS
11N20MIMO	Ant2	5785	---	7.96	31.51	5.02	12.98	≤30.00	PASS
11N20MIMO	total	5785	---	---	---	---	15.93	≤27.98	PASS
11N20MIMO	Ant1	5825	---	8.41	31.51	5.02	13.43	≤30.00	PASS
11N20MIMO	Ant2	5825	---	8.36	31.51	5.02	13.38	≤30.00	PASS
11N20MIMO	total	5825	---	---	---	---	16.42	≤27.98	PASS
11N40MIMO	Ant1	5190	---	9.03	20.38	6.91	15.94	≤23.98	PASS
11N40MIMO	Ant2	5190	---	8.93	20.13	6.96	15.89	≤23.98	PASS
11N40MIMO	total	5190	---	---	---	---	18.93	≤22.10	PASS
11N40MIMO	Ant1	5230	---	9.10	20.13	6.96	16.06	≤23.98	PASS
11N40MIMO	Ant2	5230	---	9.04	20.13	6.96	16.00	≤23.98	PASS
11N40MIMO	total	5230	---	---	---	---	19.04	≤22.10	PASS

11N40MIMO	Ant1	5755	---	7.48	18.51	7.33	14.81	≤30.00	PASS
11N40MIMO	Ant2	5755	---	7.59	18.51	7.33	14.92	≤30.00	PASS
11N40MIMO	total	5755	---	---	---	---	17.88	≤27.98	PASS
11N40MIMO	Ant1	5795	---	8.02	18.51	7.33	15.35	≤30.00	PASS
11N40MIMO	Ant2	5795	---	7.99	18.51	7.33	15.32	≤30.00	PASS
11N40MIMO	total	5795	---	---	---	---	18.35	≤27.98	PASS
11AC20MIMO	Ant1	5180	---	9.53	33.86	4.70	14.23	≤23.98	PASS
11AC20MIMO	Ant2	5180	---	9.45	33.86	4.70	14.15	≤23.98	PASS
11AC20MIMO	total	5180	---	---	---	---	17.20	≤22.10	PASS
11AC20MIMO	Ant1	5200	---	9.32	33.86	4.70	14.02	≤23.98	PASS
11AC20MIMO	Ant2	5200	---	9.35	33.60	4.74	14.09	≤23.98	PASS
11AC20MIMO	total	5200	---	---	---	---	17.07	≤22.10	PASS
11AC20MIMO	Ant1	5240	---	9.13	33.86	4.70	13.83	≤23.98	PASS
11AC20MIMO	Ant2	5240	---	9.22	33.86	4.70	13.92	≤23.98	PASS
11AC20MIMO	total	5240	---	---	---	---	16.89	≤22.10	PASS
11AC20MIMO	Ant1	5745	---	7.52	31.42	5.03	12.55	≤30.00	PASS
11AC20MIMO	Ant2	5745	---	7.56	31.51	5.02	12.58	≤30.00	PASS
11AC20MIMO	total	5745	---	---	---	---	15.58	≤27.98	PASS
11AC20MIMO	Ant1	5785	---	7.66	31.51	5.02	12.68	≤30.00	PASS
11AC20MIMO	Ant2	5785	---	7.60	31.51	5.02	12.62	≤30.00	PASS
11AC20MIMO	total	5785	---	---	---	---	15.66	≤27.98	PASS
11AC20MIMO	Ant1	5825	---	7.92	31.51	5.02	12.94	≤30.00	PASS
11AC20MIMO	Ant2	5825	---	8.13	31.42	5.03	13.16	≤30.00	PASS
11AC20MIMO	total	5825	---	---	---	---	16.06	≤27.98	PASS
11AC40MIMO	Ant1	5190	---	8.97	20.06	6.98	15.95	≤23.98	PASS
11AC40MIMO	Ant2	5190	---	9.02	20.38	6.91	15.93	≤23.98	PASS
11AC40MIMO	total	5190	---	---	---	---	18.95	≤22.10	PASS
11AC40MIMO	Ant1	5230	---	9.05	20.38	6.91	15.96	≤23.98	PASS
11AC40MIMO	Ant2	5230	---	8.98	20.38	6.91	15.89	≤23.98	PASS
11AC40MIMO	total	5230	---	---	---	---	18.94	≤22.10	PASS
11AC40MIMO	Ant1	5755	---	7.63	18.83	7.25	14.88	≤30.00	PASS
11AC40MIMO	Ant2	5755	---	7.71	18.83	7.25	14.96	≤30.00	PASS
11AC40MIMO	total	5755	---	---	---	---	17.93	≤27.98	PASS
11AC40MIMO	Ant1	5795	---	7.92	18.83	7.25	15.17	≤30.00	PASS
11AC40MIMO	Ant2	5795	---	8.02	18.83	7.25	15.27	≤30.00	PASS
11AC40MIMO	total	5795	---	---	---	---	18.23	≤27.98	PASS
11AC80MIMO	Ant1	5210	---	7.74	11.35	9.45	17.19	≤23.98	PASS
11AC80MIMO	Ant2	5210	---	7.83	11.35	9.45	17.28	≤23.98	PASS
11AC80MIMO	total	5210	---	---	---	---	20.25	≤22.10	PASS
11AC80MIMO	Ant1	5775	---	7.20	10.39	9.83	17.03	≤30.00	PASS
11AC80MIMO	Ant2	5775	---	7.27	10.39	9.83	17.10	≤30.00	PASS
11AC80MIMO	total	5775	---	---	---	---	20.08	≤27.98	PASS

11AX20MIMO	Ant1	5180	---	8.01	28.37	5.47	13.48	≤23.98	PASS
11AX20MIMO	Ant2	5180	---	7.87	28.29	5.48	13.35	≤23.98	PASS
11AX20MIMO	total	5180	---	---	---	---	16.43	≤22.10	PASS
11AX20MIMO	Ant1	5200	---	6.98	28.29	5.48	12.46	≤23.98	PASS
11AX20MIMO	Ant2	5200	---	6.95	28.29	5.48	12.43	≤23.98	PASS
11AX20MIMO	total	5200	---	---	---	---	15.46	≤22.10	PASS
11AX20MIMO	Ant1	5240	---	6.02	28.29	5.48	11.50	≤23.98	PASS
11AX20MIMO	Ant2	5240	---	5.99	28.37	5.47	11.46	≤23.98	PASS
11AX20MIMO	total	5240	---	---	---	---	14.49	≤22.10	PASS
11AX20MIMO	Ant1	5745	---	8.27	28.37	5.47	13.74	≤30.00	PASS
11AX20MIMO	Ant2	5745	---	8.13	28.37	5.47	13.60	≤30.00	PASS
11AX20MIMO	total	5745	---	---	---	---	16.68	≤27.98	PASS
11AX20MIMO	Ant1	5785	---	8.31	28.16	5.50	13.81	≤30.00	PASS
11AX20MIMO	Ant2	5785	---	8.27	28.08	5.52	13.79	≤30.00	PASS
11AX20MIMO	total	5785	---	---	---	---	16.81	≤27.98	PASS
11AX20MIMO	Ant1	5825	---	9.36	28.37	5.47	14.83	≤30.00	PASS
11AX20MIMO	Ant2	5825	---	9.32	28.08	5.52	14.84	≤30.00	PASS
11AX20MIMO	total	5825	---	---	---	---	17.85	≤27.98	PASS
11AX40MIMO	Ant1	5190	---	5.80	18.51	7.33	13.13	≤23.98	PASS
11AX40MIMO	Ant2	5190	---	5.82	18.51	7.33	13.15	≤23.98	PASS
11AX40MIMO	total	5190	---	---	---	---	16.15	≤22.10	PASS
11AX40MIMO	Ant1	5230	---	4.40	18.51	7.33	11.73	≤23.98	PASS
11AX40MIMO	Ant2	5230	---	4.68	18.51	7.33	12.01	≤23.98	PASS
11AX40MIMO	total	5230	---	---	---	---	14.88	≤22.10	PASS
11AX40MIMO	Ant1	5755	---	7.57	18.51	7.33	14.90	≤30.00	PASS
11AX40MIMO	Ant2	5755	---	7.60	18.51	7.33	14.93	≤30.00	PASS
11AX40MIMO	total	5755	---	---	---	---	17.93	≤27.98	PASS
11AX40MIMO	Ant1	5795	---	7.77	18.51	7.33	15.10	≤30.00	PASS
11AX40MIMO	Ant2	5795	---	7.60	18.51	7.33	14.93	≤30.00	PASS
11AX40MIMO	total	5795	---	---	---	---	18.03	≤27.98	PASS
11AX80MIMO	Ant1	5210	---	5.63	10.04	9.98	15.61	≤23.98	PASS
11AX80MIMO	Ant2	5210	---	5.55	10.07	9.97	15.52	≤23.98	PASS
11AX80MIMO	total	5210	---	---	---	---	18.58	≤22.10	PASS
11AX80MIMO	Ant1	5775	---	7.43	10.07	9.97	17.40	≤30.00	PASS
11AX80MIMO	Ant2	5775	---	7.28	9.71	10.13	17.41	≤30.00	PASS
11AX80MIMO	total	5775	---	---	---	---	20.42	≤27.98	PASS

Note:

1.The Duty Cycle Factor and cable loss are compensated in the graph.

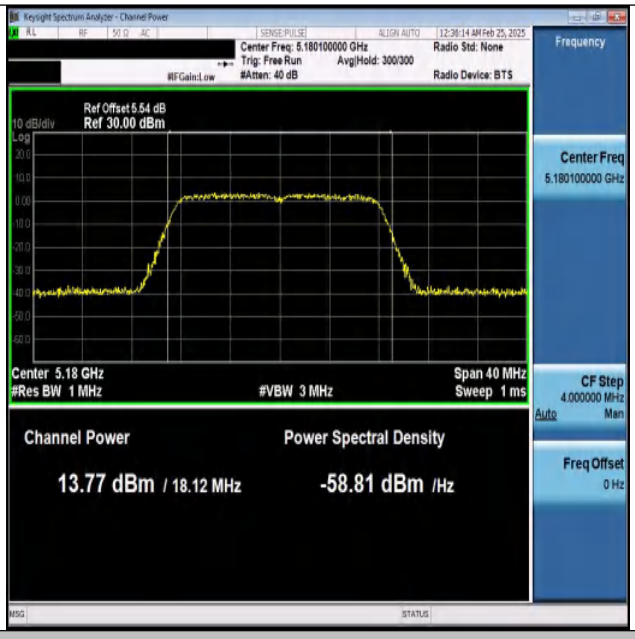
2.For WiFi 5.2G, as Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^2 / N_{ANT}$] dBi=7.88>6dBi,

For WiFi 5.8G, as Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^2 / N_{ANT}$] dBi=8.02>6dBi,

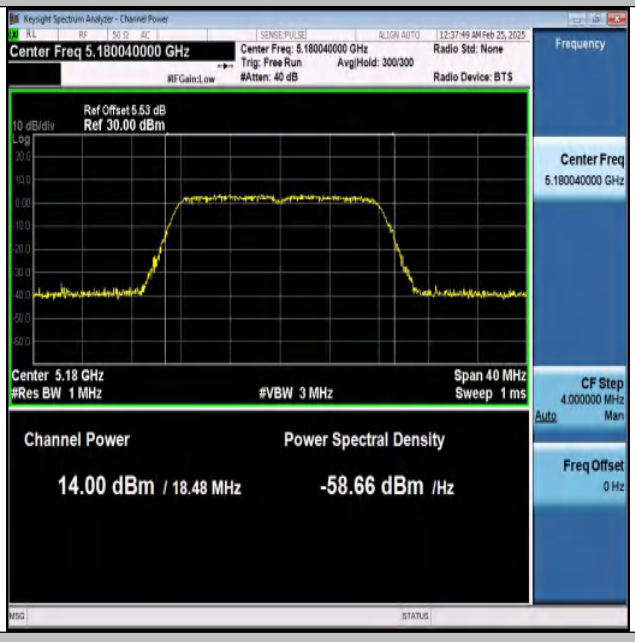
so Final limit=limit-(Directional gain-6.00)dBm;

3. MIMO= 10*LOG((10^Ant2/10)+10^(ANT2/10))

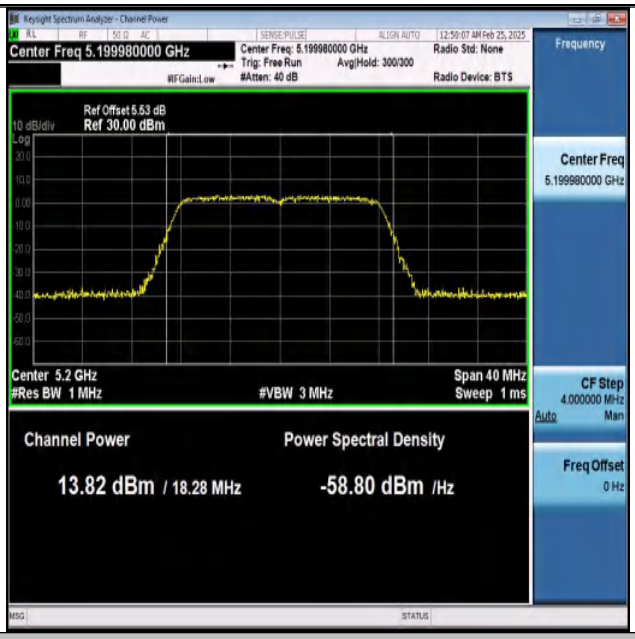
Test Graphs Channel Power



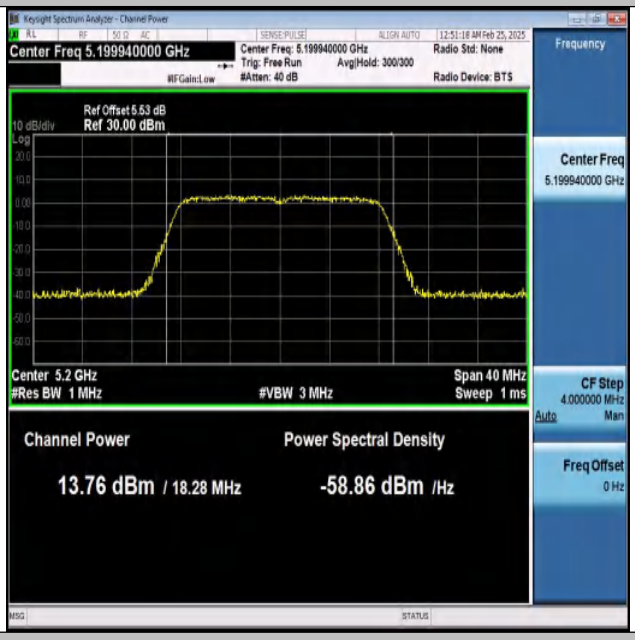
11A-Ant1-5180-PASS



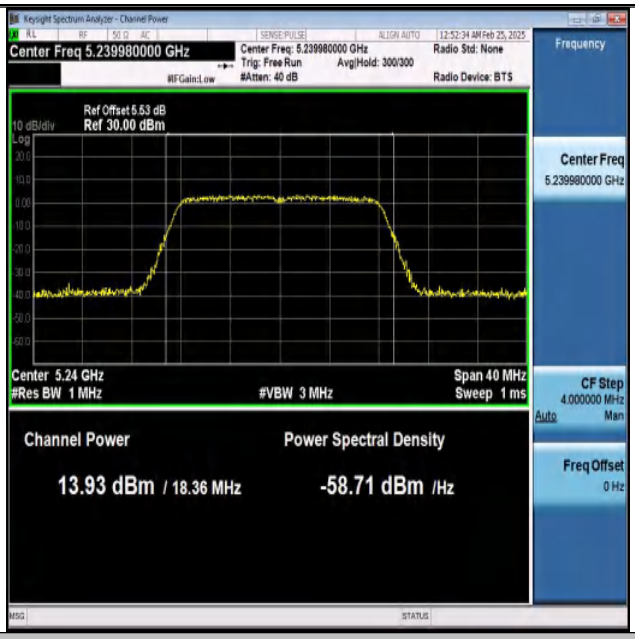
11A-Ant2-5180-PASS



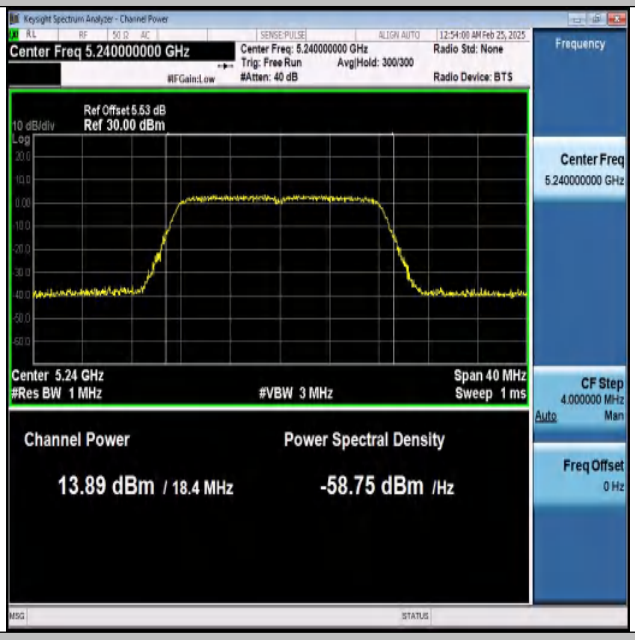
11A-Ant1-5200-PASS



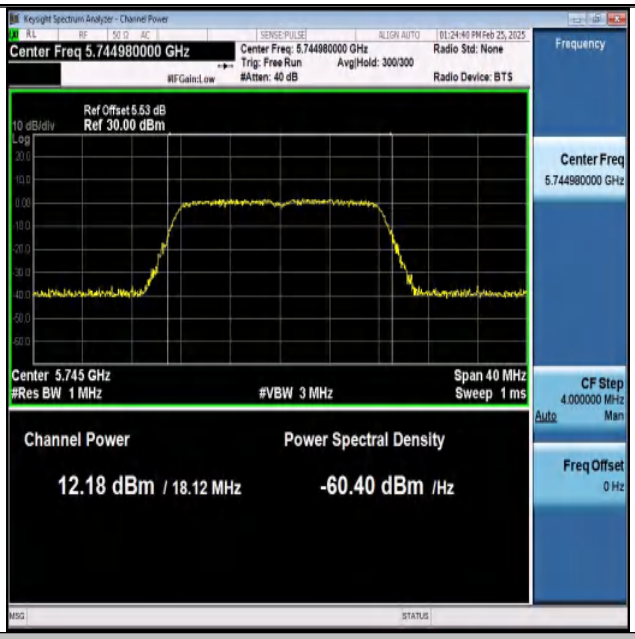
11A-Ant2-5200-PASS



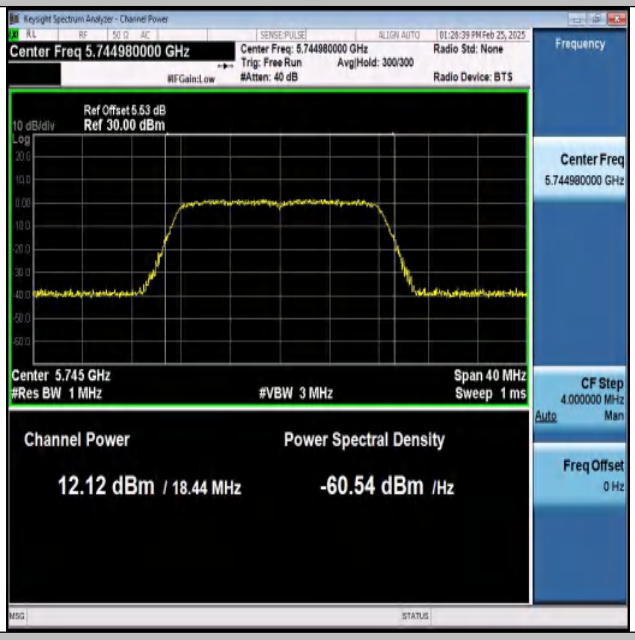
11A-Ant1-5240-PASS



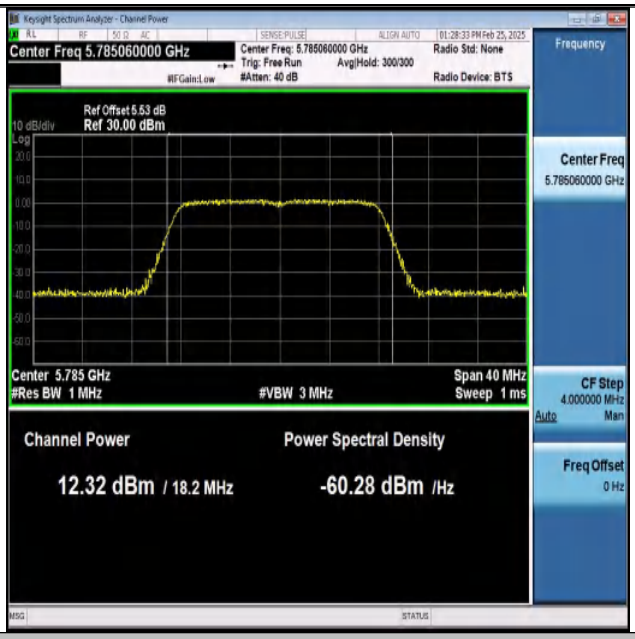
11A-Ant2-5240-PASS



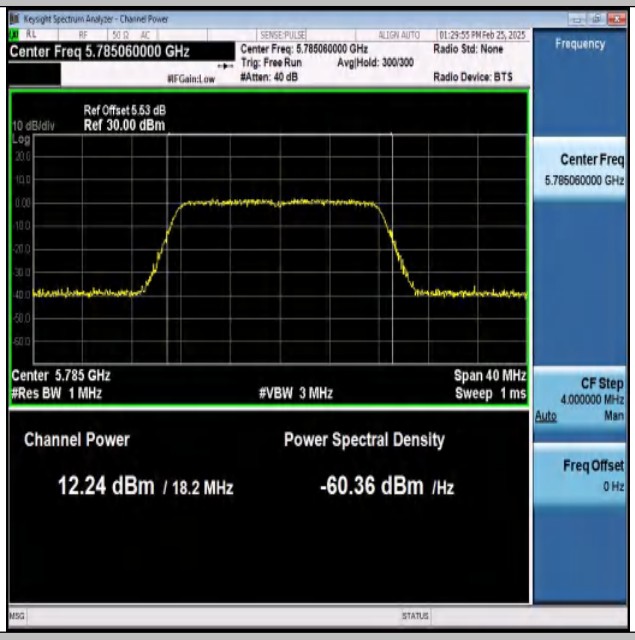
11A-Ant1-5745-PASS



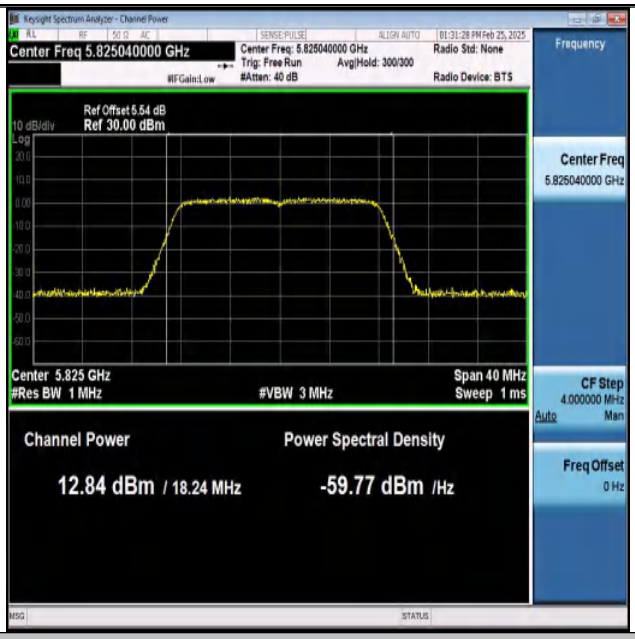
11A-Ant2-5745-PASS



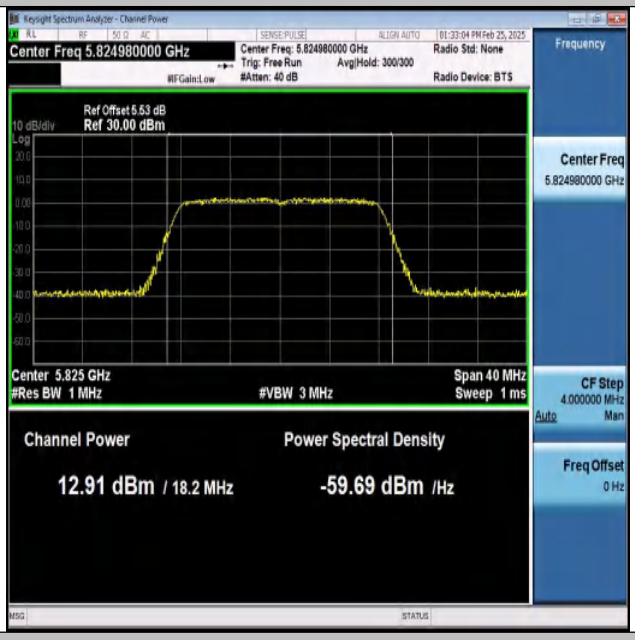
11A-Ant1-5785-PASS



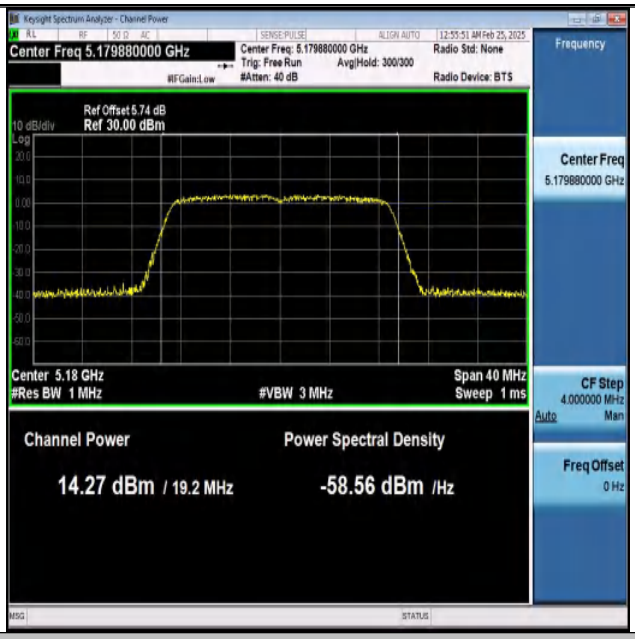
11A-Ant2-5785-PASS



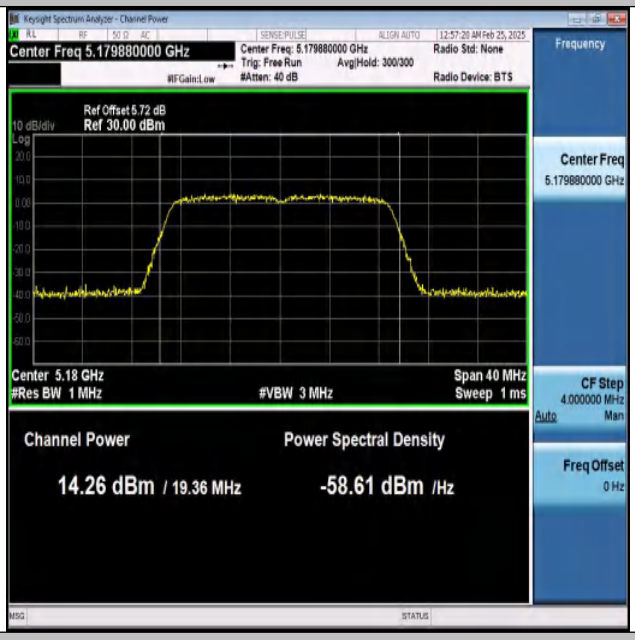
11A-Ant1-5825-PASS



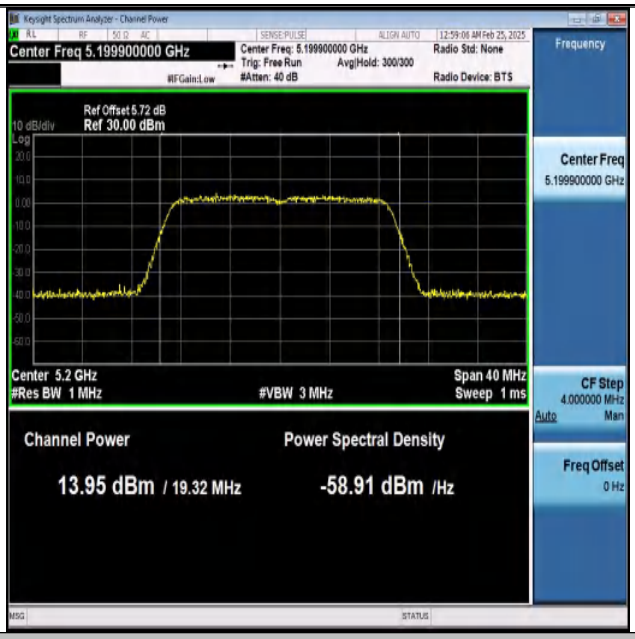
11A-Ant2-5825-PASS



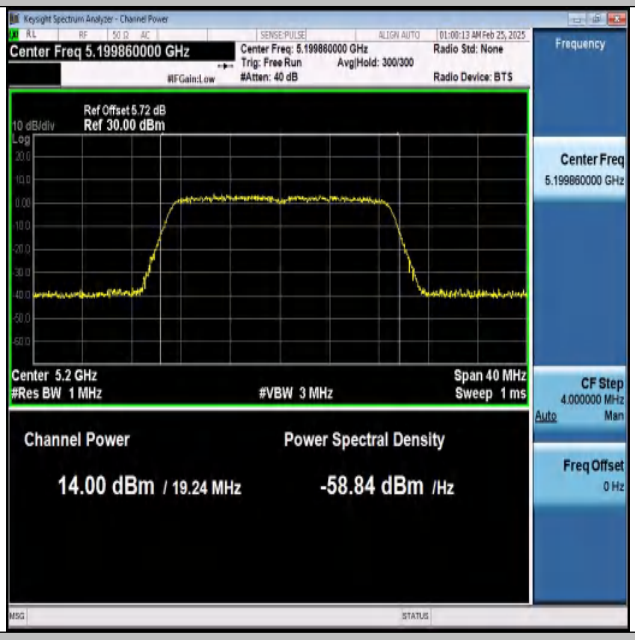
11N20MIMO-Ant1-5180-PASS



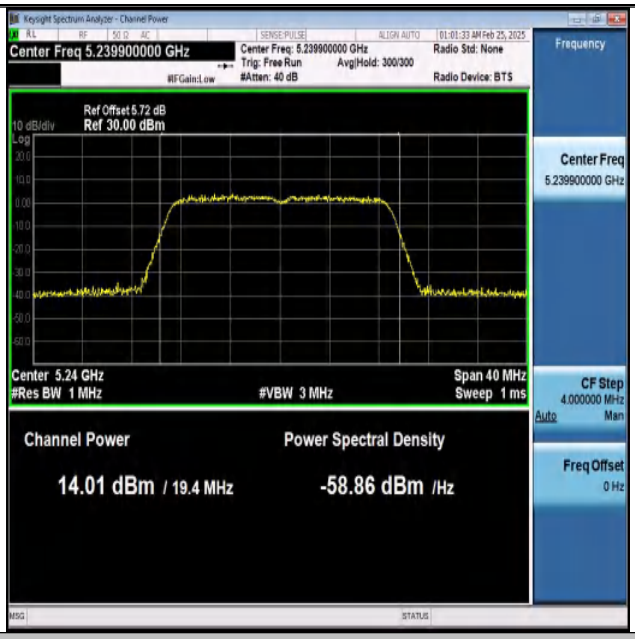
11N20MIMO-Ant2-5180-PASS



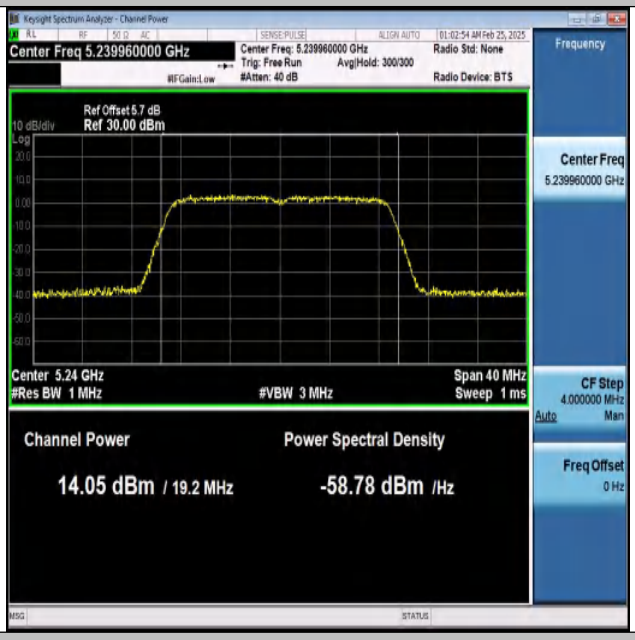
11N20MIMO-Ant1-5200-PASS



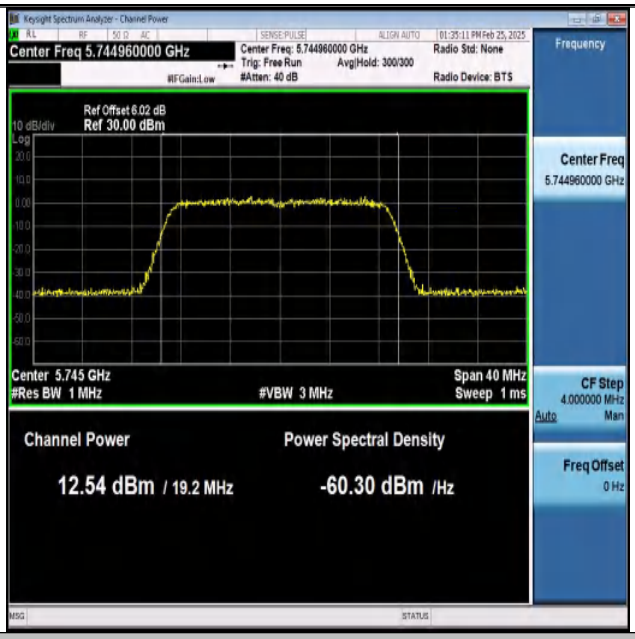
11N20MIMO-Ant2-5200-PASS



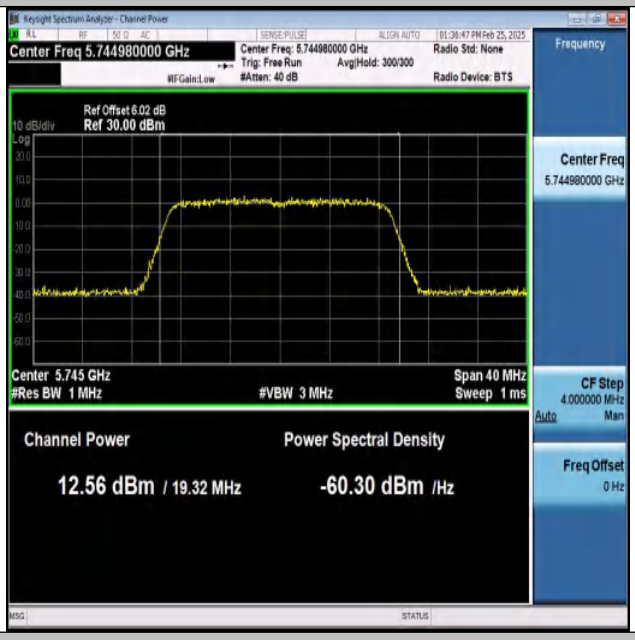
11N20MIMO-Ant1-5240-PASS



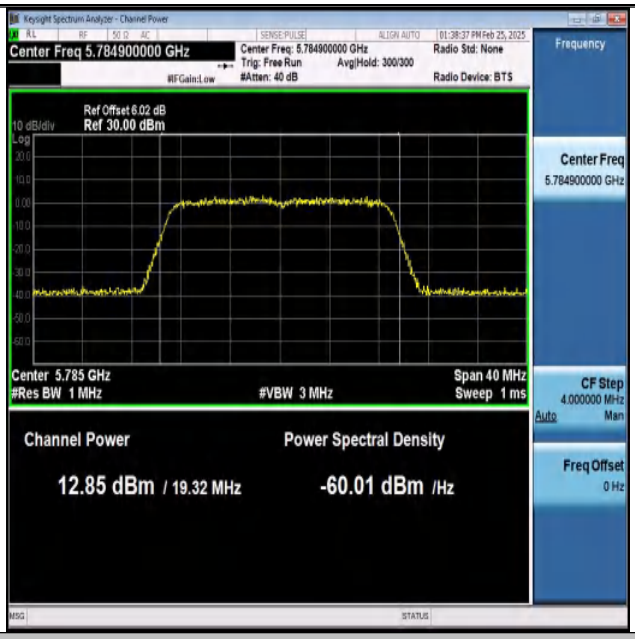
11N20MIMO-Ant2-5240-PASS



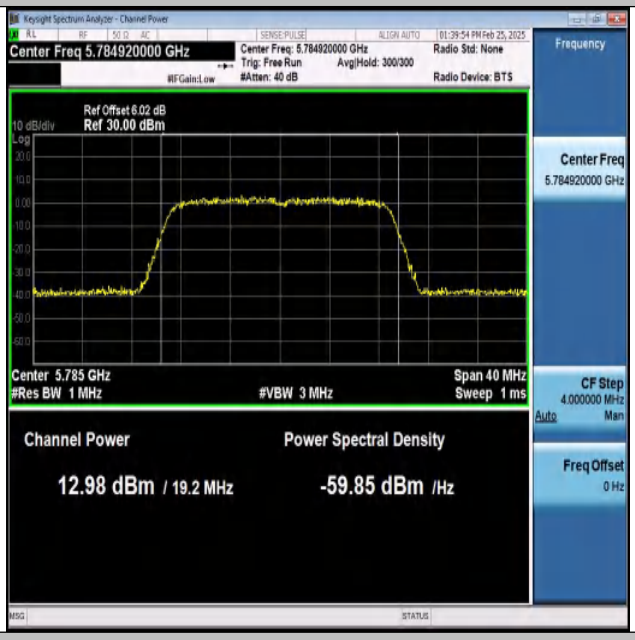
11N20MIMO-Ant1-5745-PASS



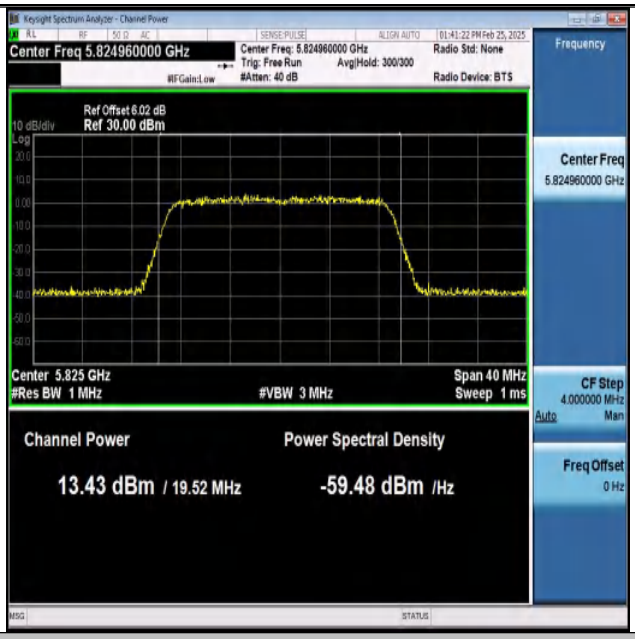
11N20MIMO-Ant2-5745-PASS



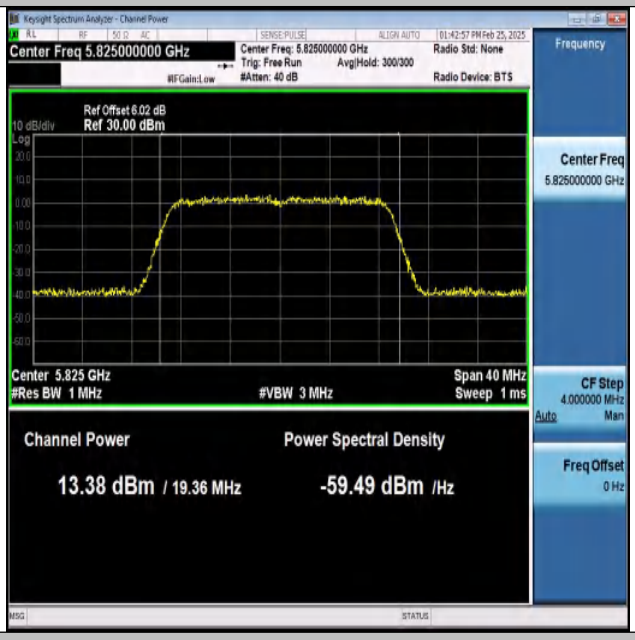
11N20MIMO-Ant1-5785-PASS



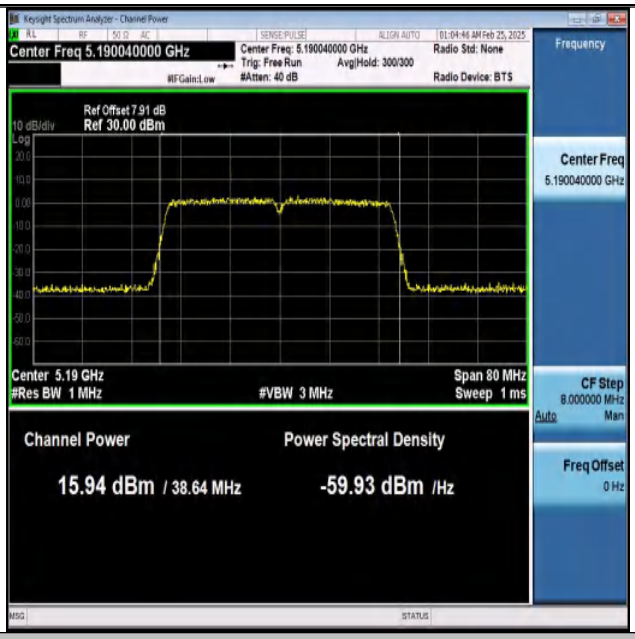
11N20MIMO-Ant2-5785-PASS



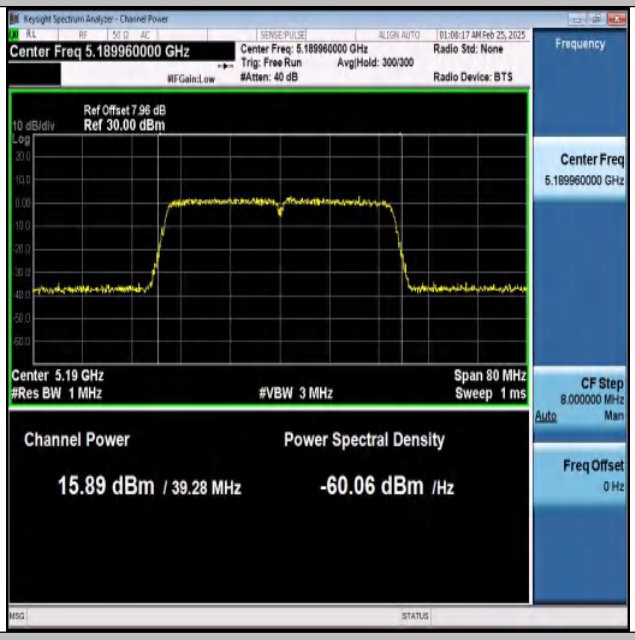
11N20MIMO-Ant1-5825-PASS



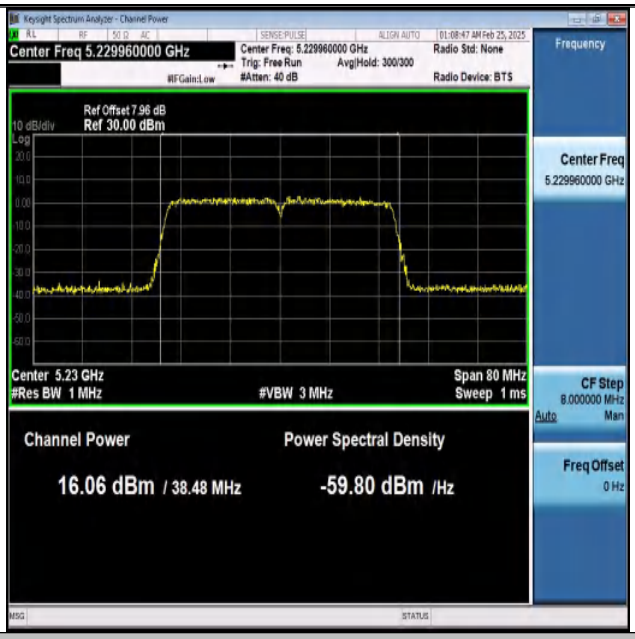
11N20MIMO-Ant2-5825-PASS



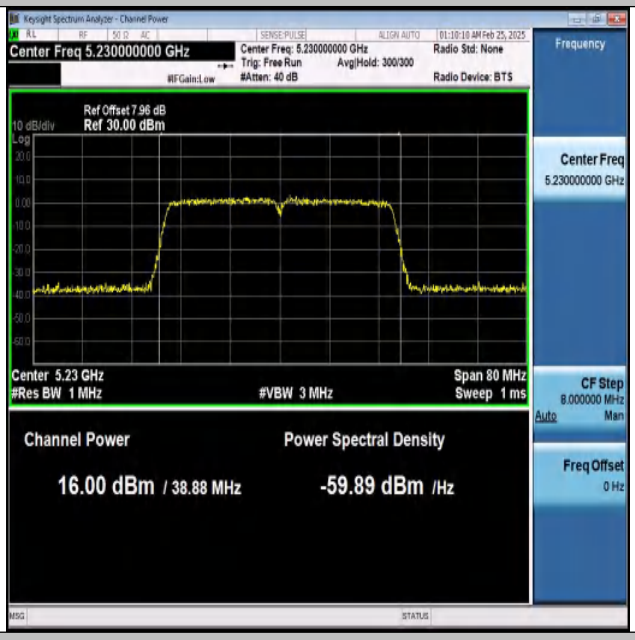
11N40MIMO-Ant1-5190-PASS



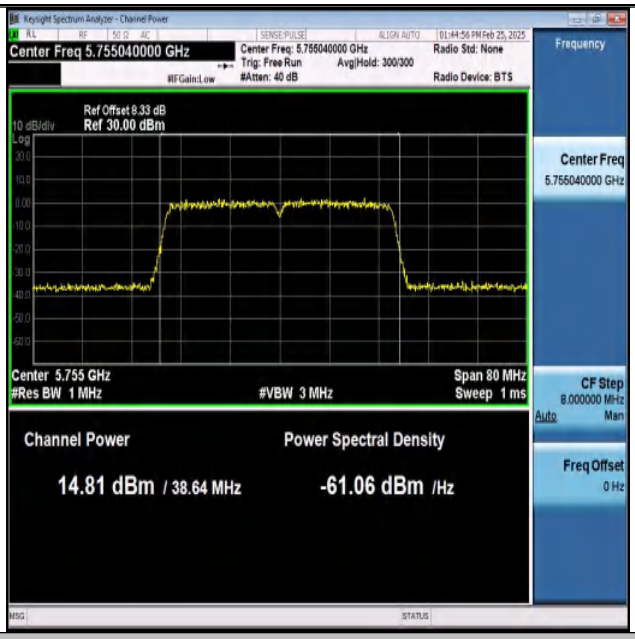
11N40MIMO-Ant2-5190-PASS



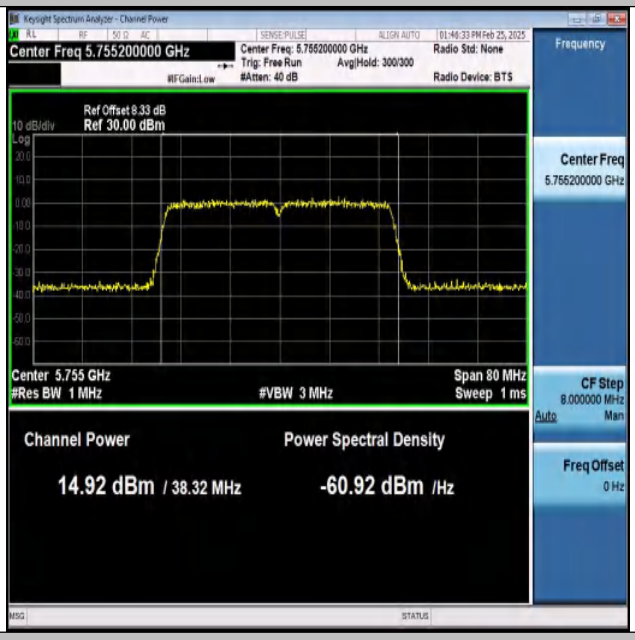
11N40MIMO-Ant1-5230-PASS



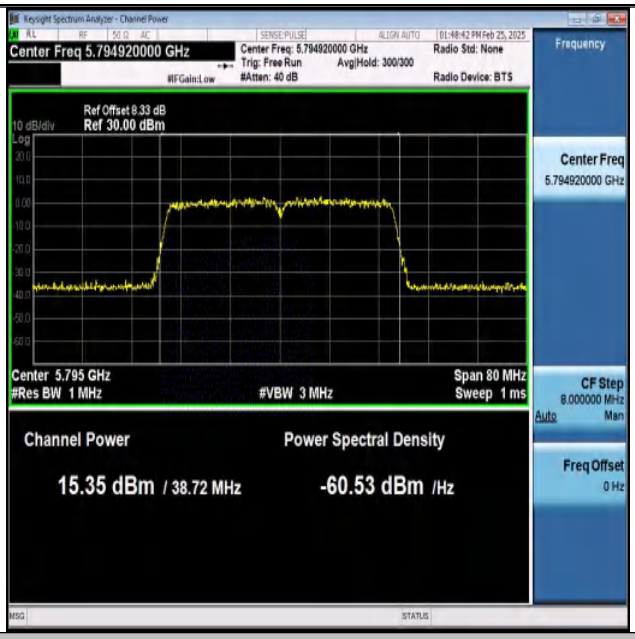
11N40MIMO-Ant2-5230-PASS



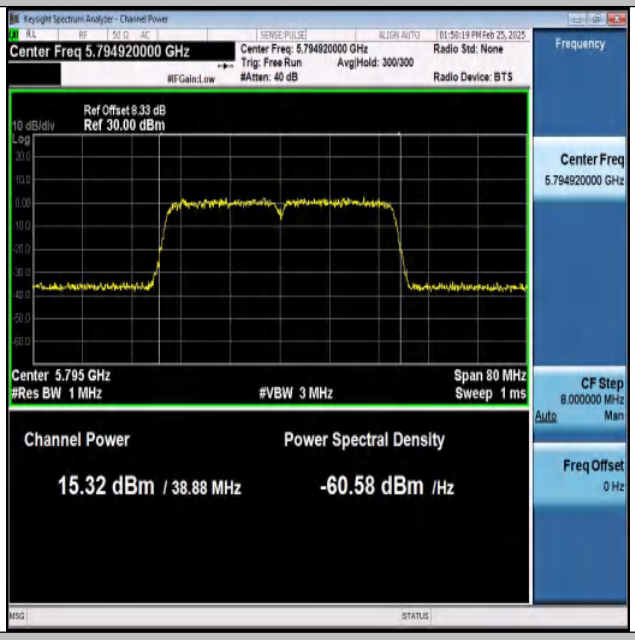
11N40MIMO-Ant1-5755-PASS



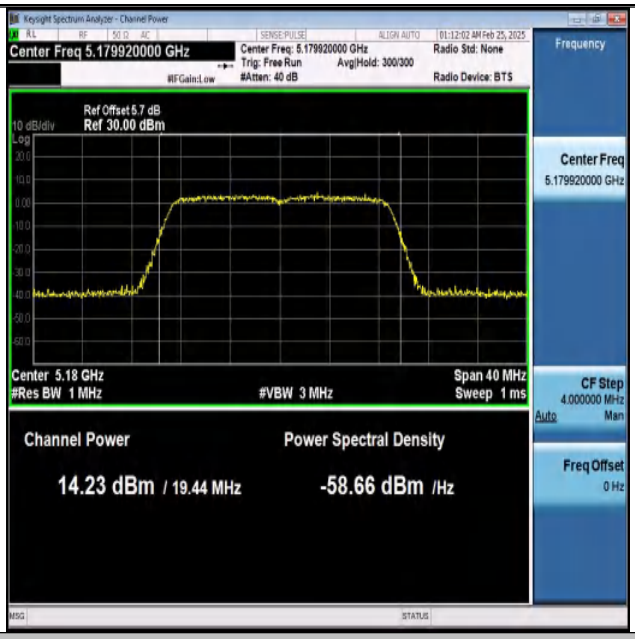
11N40MIMO-Ant2-5755-PASS



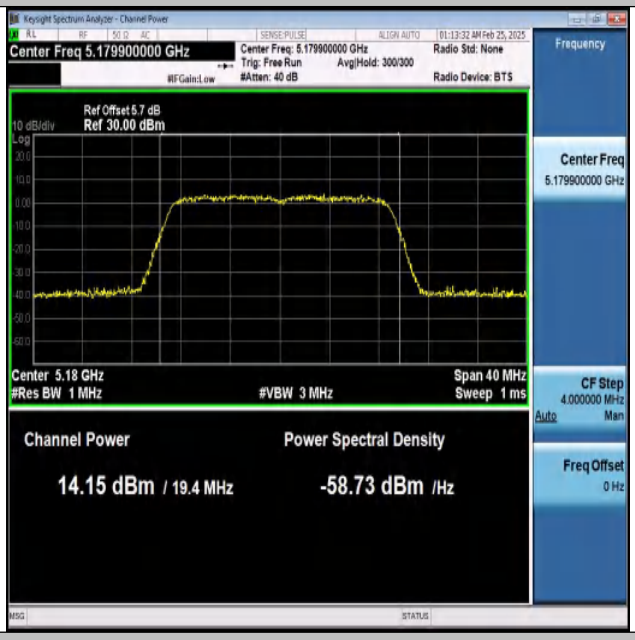
11N40MIMO-Ant1-5795-PASS



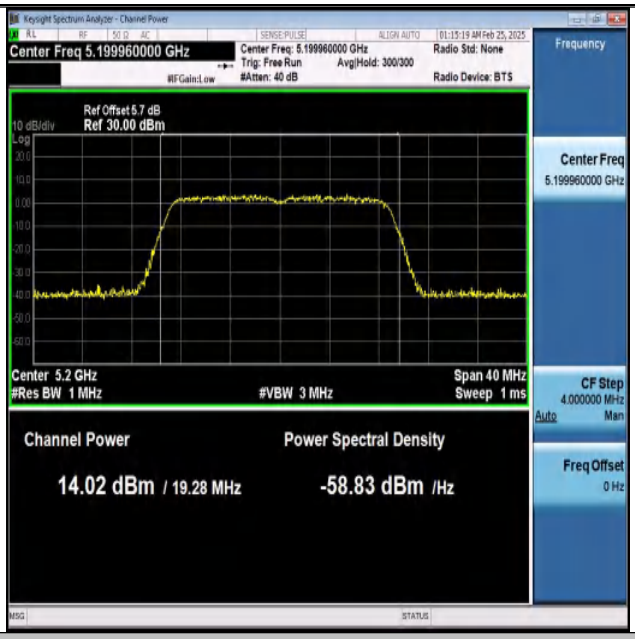
11N40MIMO-Ant2-5795-PASS



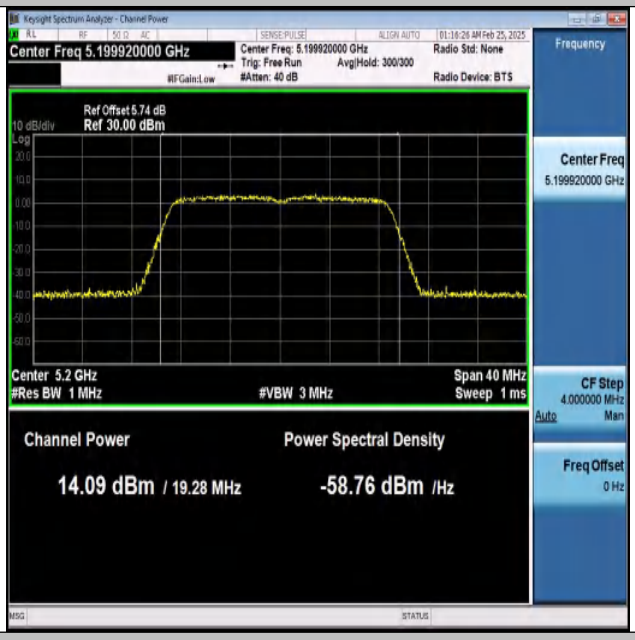
11AC20MIMO-Ant1-5180-PASS



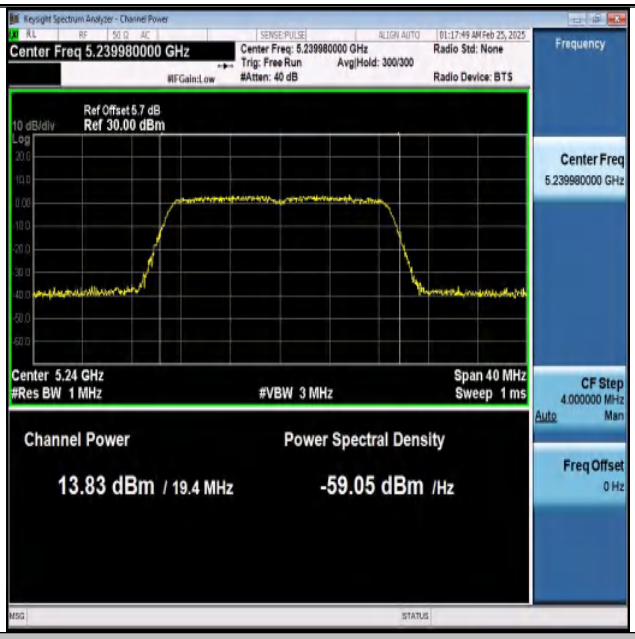
11AC20MIMO-Ant2-5180-PASS



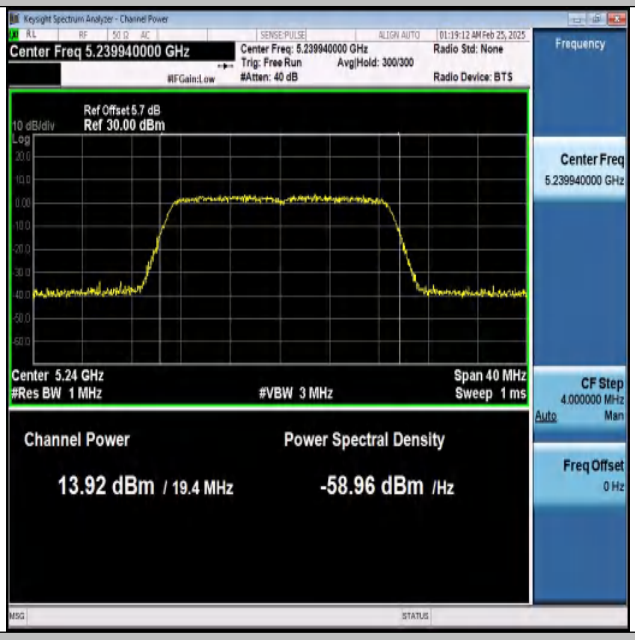
11AC20MIMO-Ant1-5200-PASS



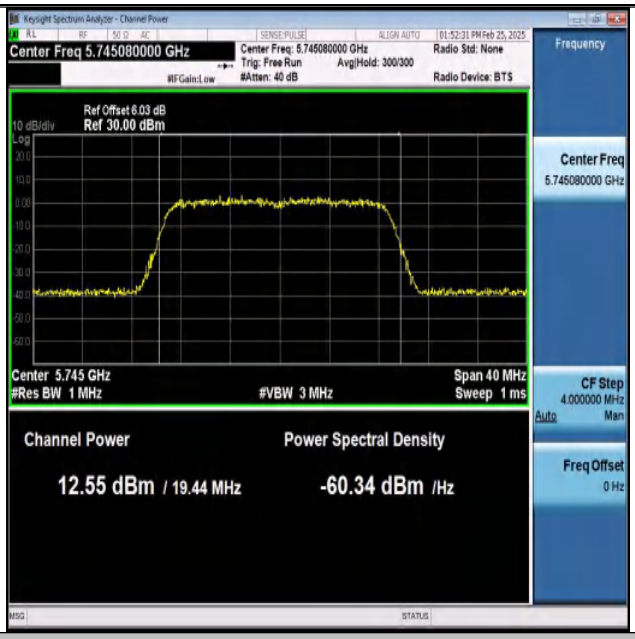
11AC20MIMO-Ant2-5200-PASS



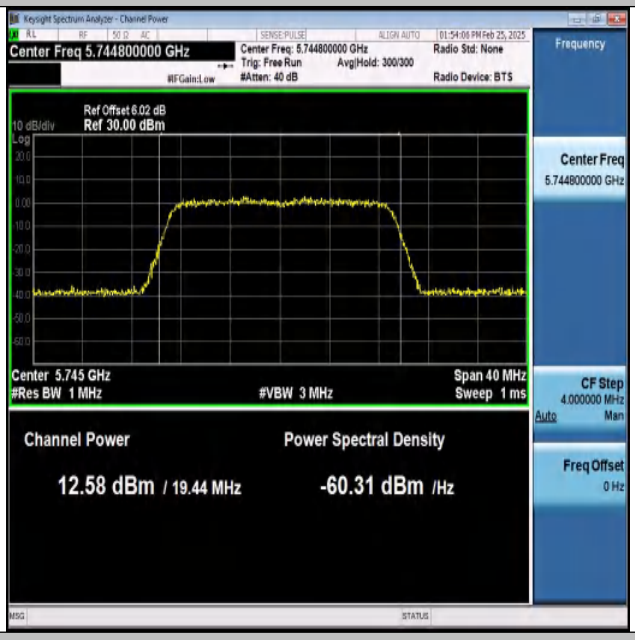
11AC20MIMO-Ant1-5240-PASS



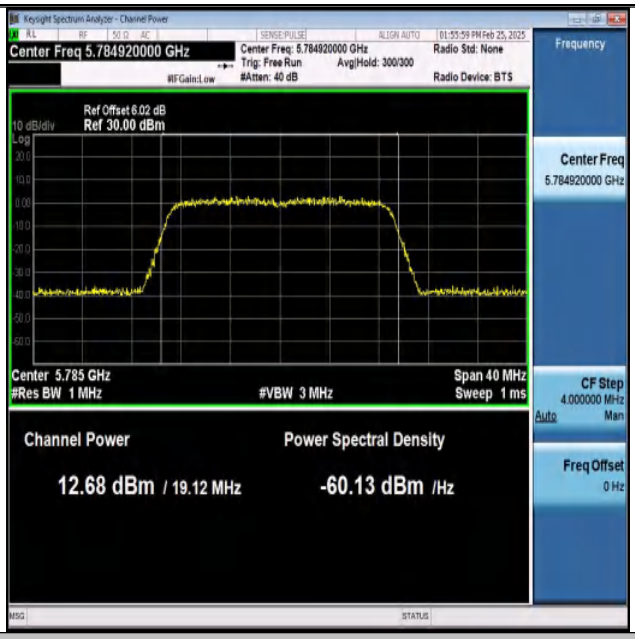
11AC20MIMO-Ant2-5240-PASS



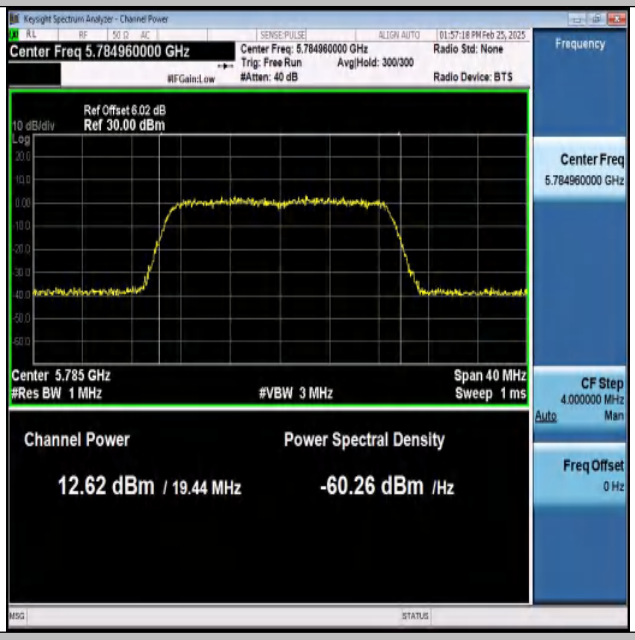
11AC20MIMO-Ant1-5745-PASS



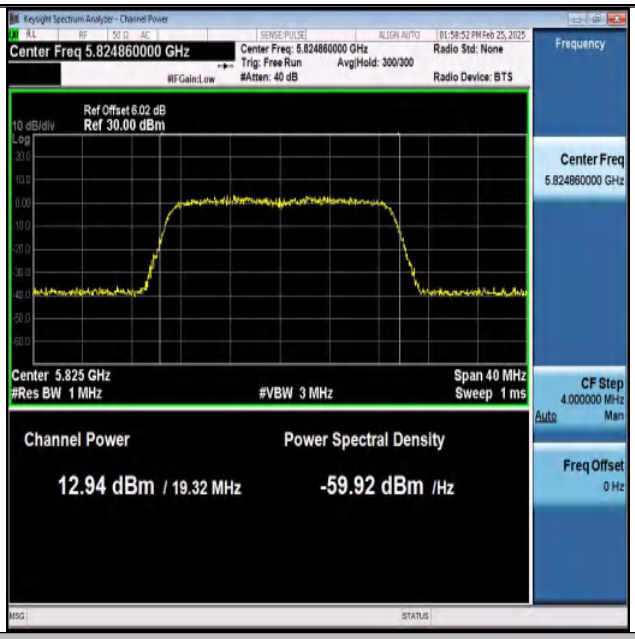
11AC20MIMO-Ant2-5745-PASS



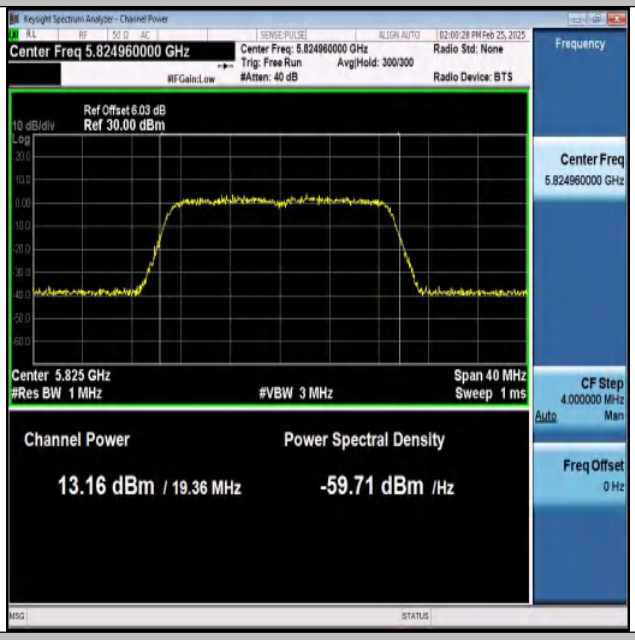
11AC20MIMO-Ant1-5785-PASS



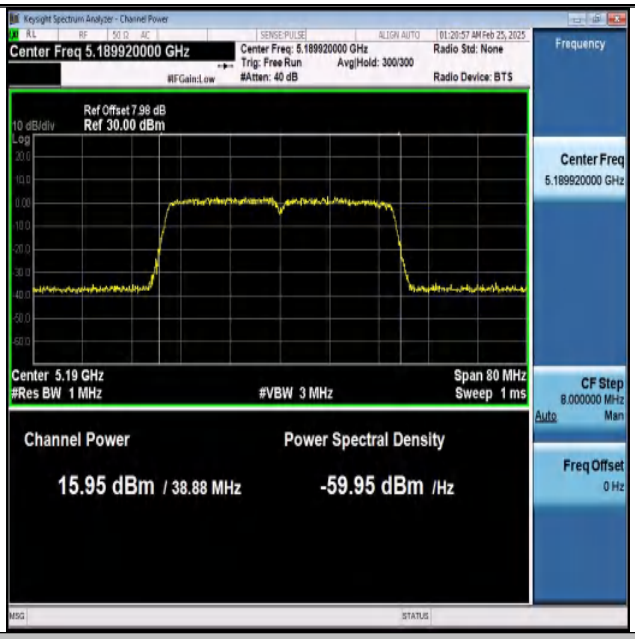
11AC20MIMO-Ant2-5785-PASS



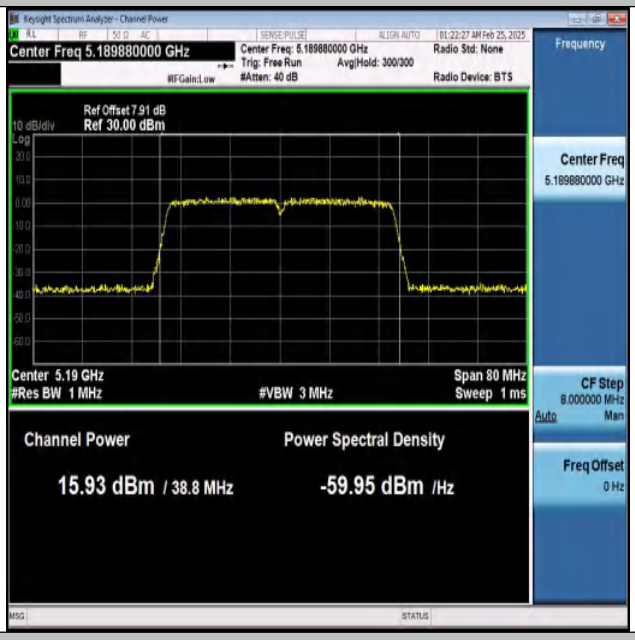
11AC20MIMO-Ant1-5825-PASS



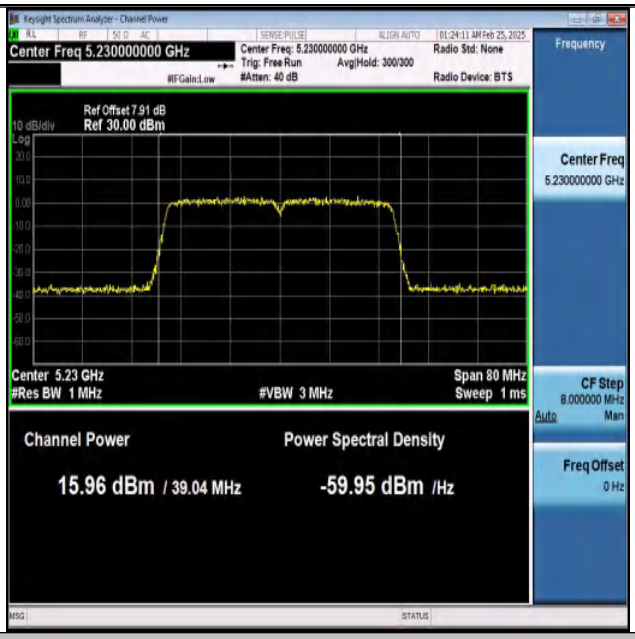
11AC20MIMO-Ant2-5825-PASS



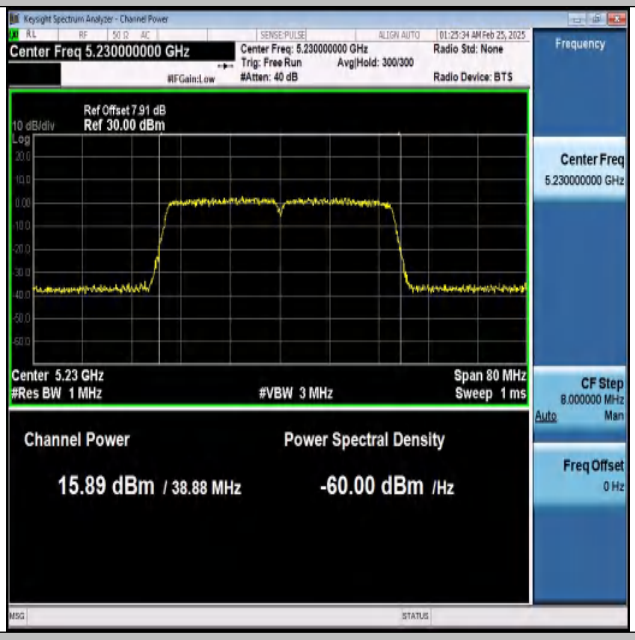
11AC40MIMO-Ant1-5190-PASS



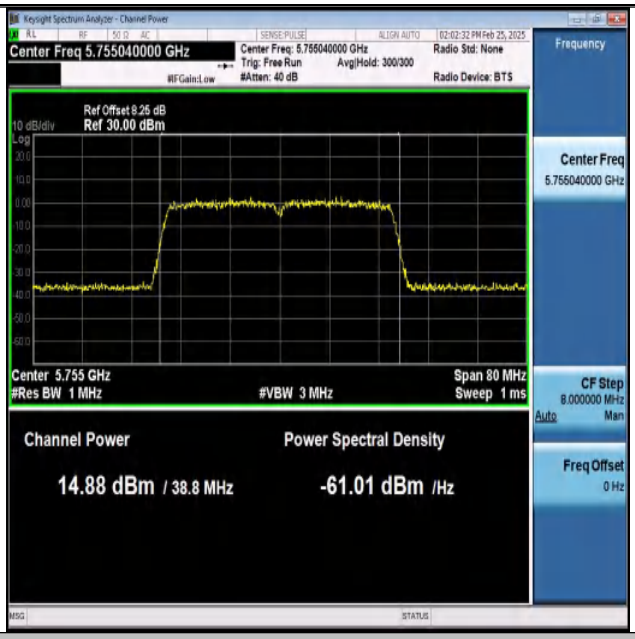
11AC40MIMO-Ant2-5190-PASS



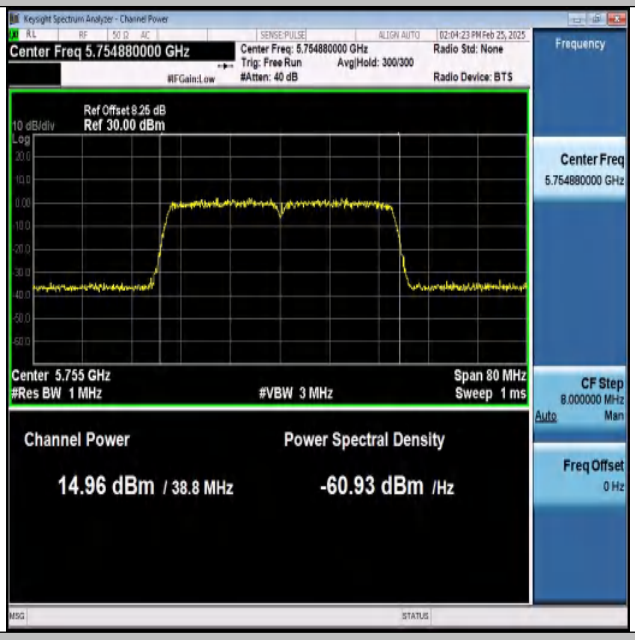
11AC40MIMO-Ant1-5230-PASS



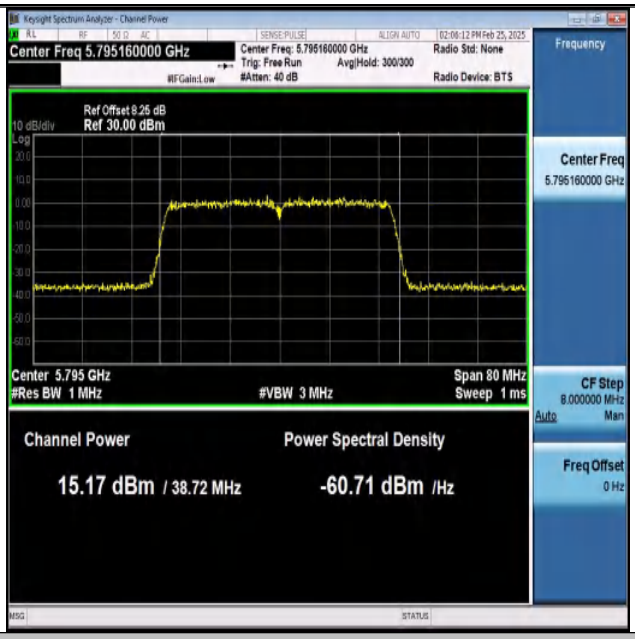
11AC40MIMO-Ant2-5230-PASS



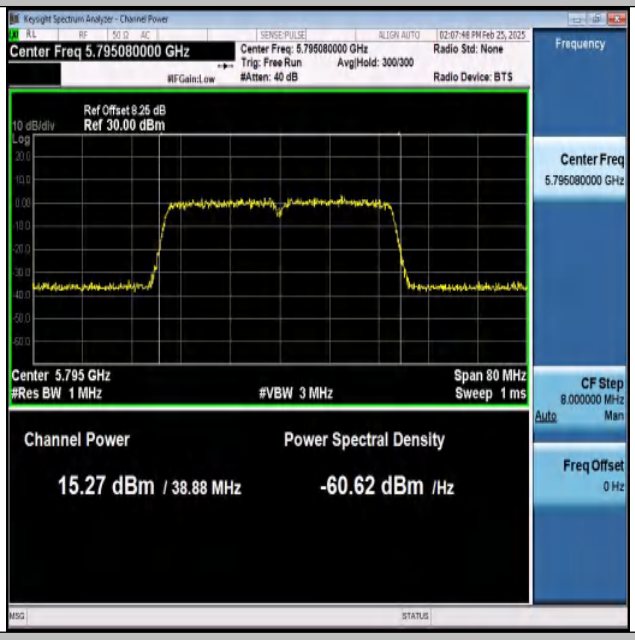
11AC40MIMO-Ant1-5755-PASS



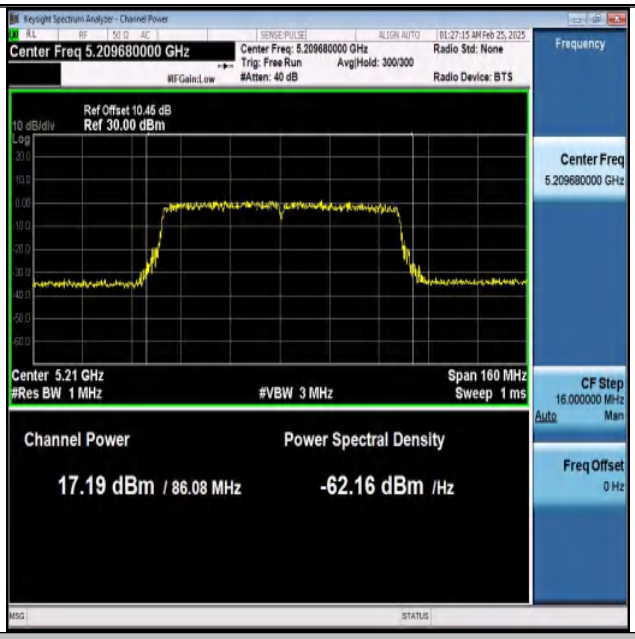
11AC40MIMO-Ant2-5755-PASS



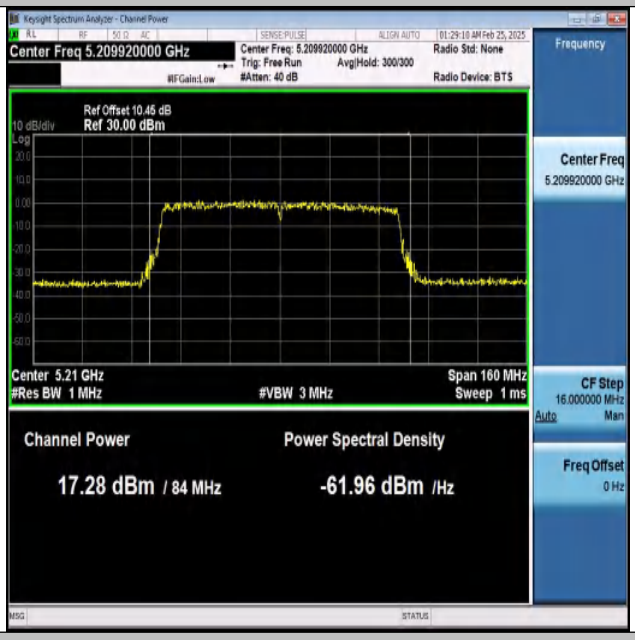
11AC40MIMO-Ant1-5795-PASS



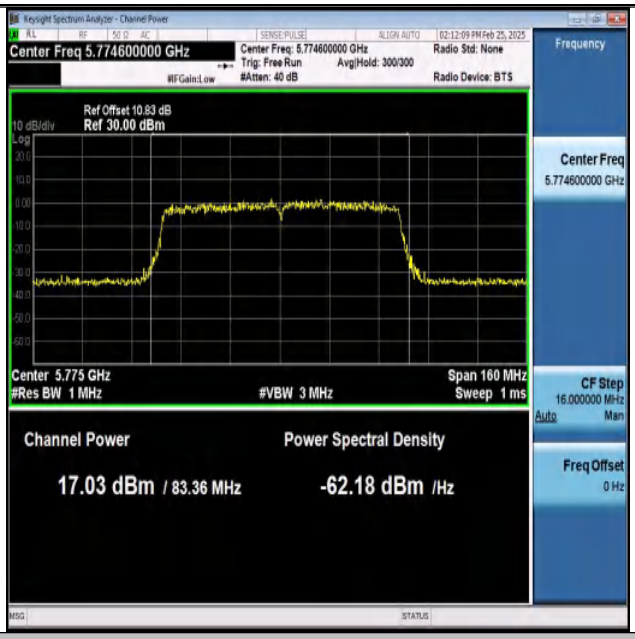
11AC40MIMO-Ant2-5795-PASS



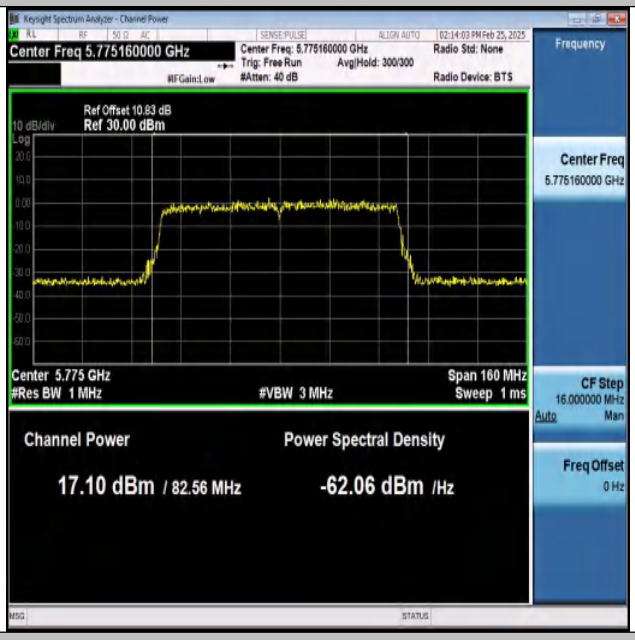
11AC80MIMO-Ant1-5210-PASS



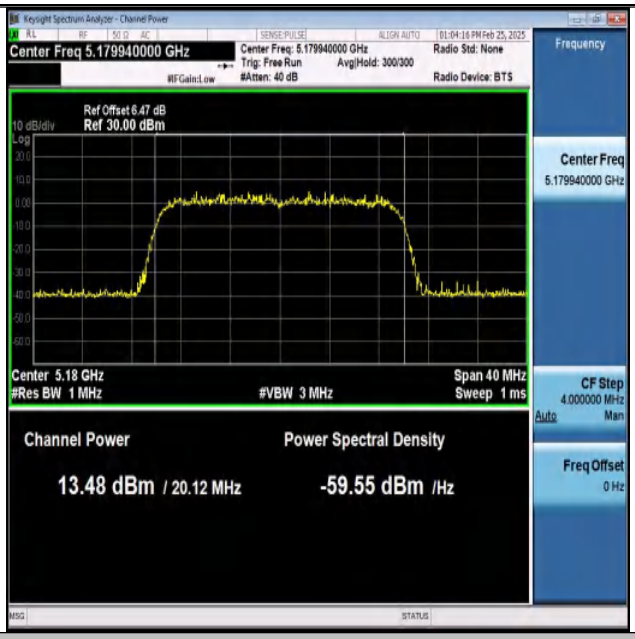
11AC80MIMO-Ant2-5210-PASS



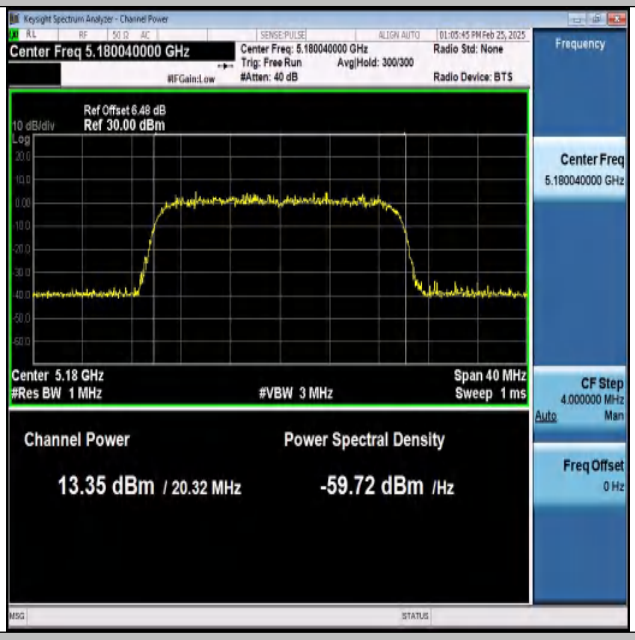
11AC80MIMO-Ant1-5775-PASS



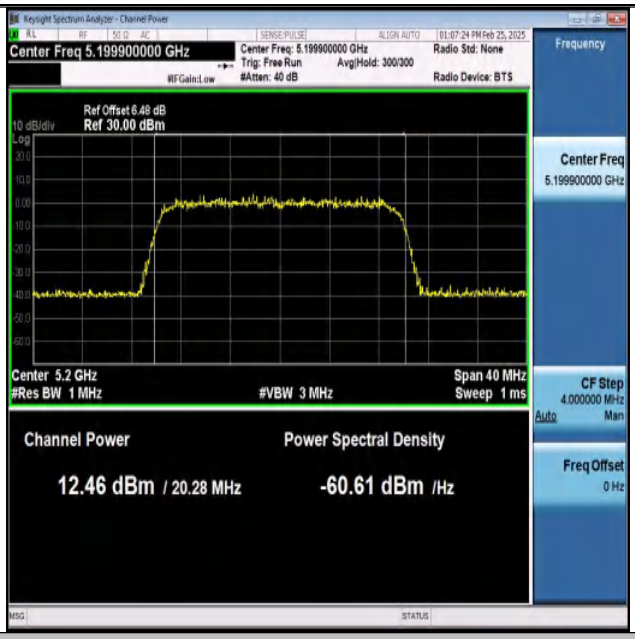
11AC80MIMO-Ant2-5775-PASS



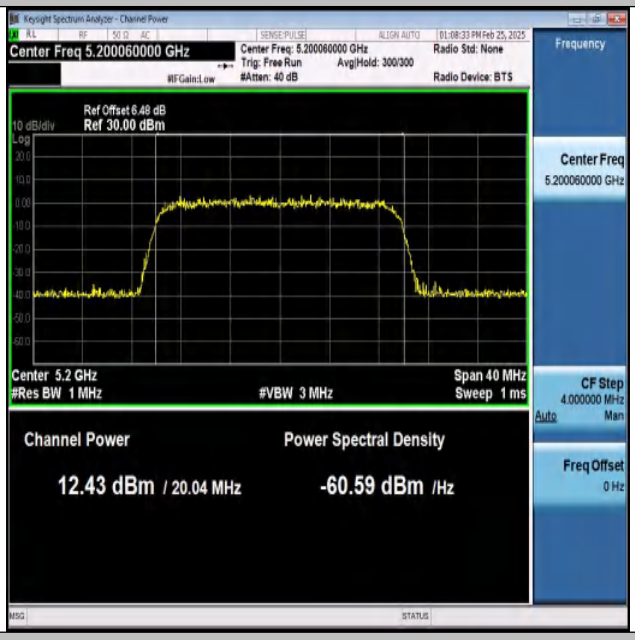
11AX20MIMO-Ant1-5180-PASS



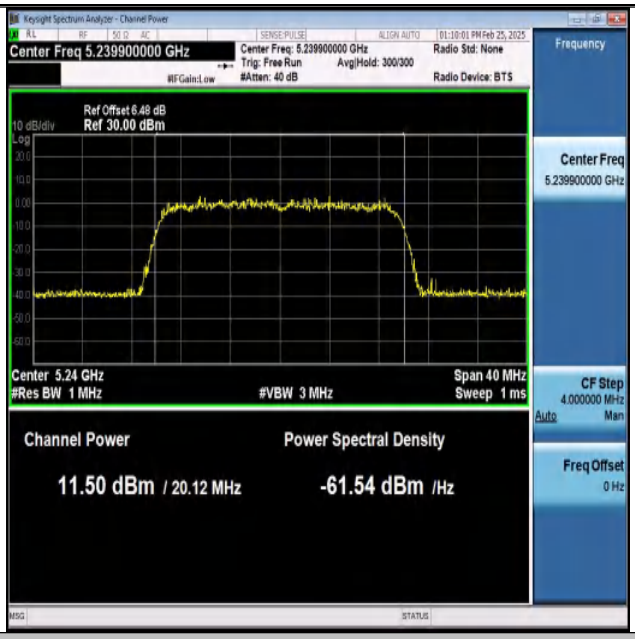
11AX20MIMO-Ant2-5180-PASS



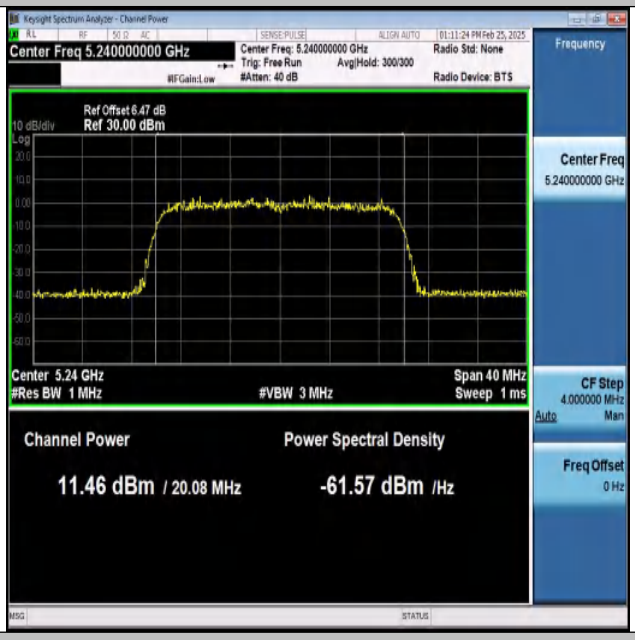
11AX20MIMO-Ant1-5200-PASS



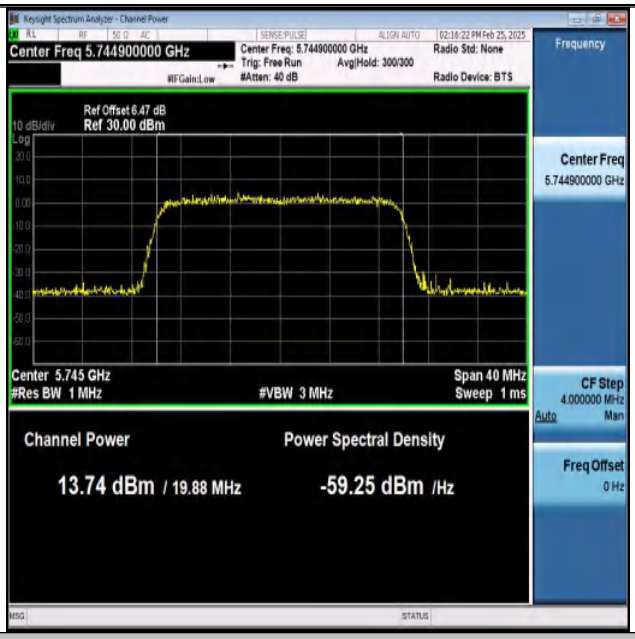
11AX20MIMO-Ant2-5200-PASS



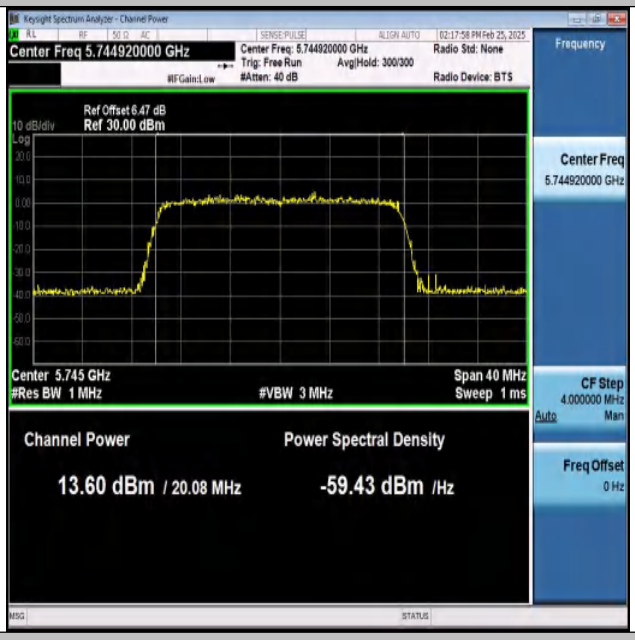
11AX20MIMO-Ant1-5240-PASS



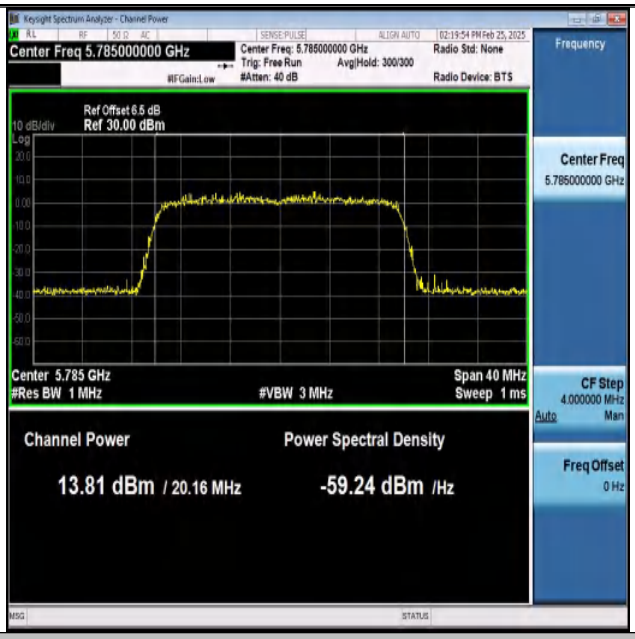
11AX20MIMO-Ant2-5240-PASS



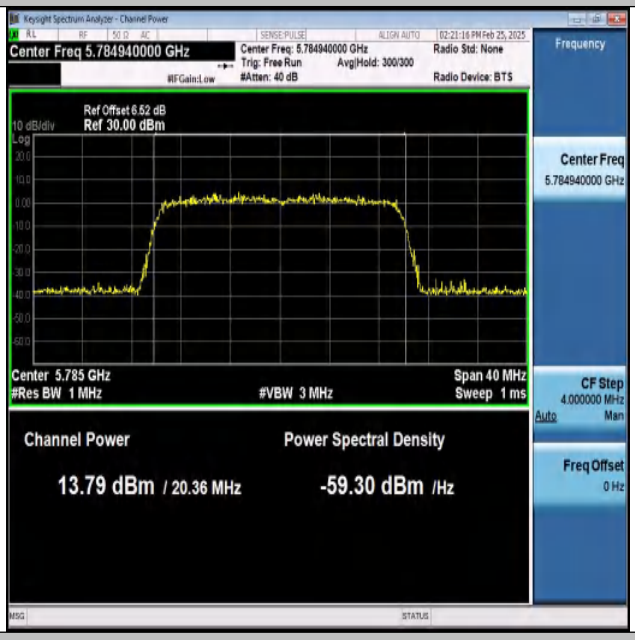
11AX20MIMO-Ant1-5745-PASS



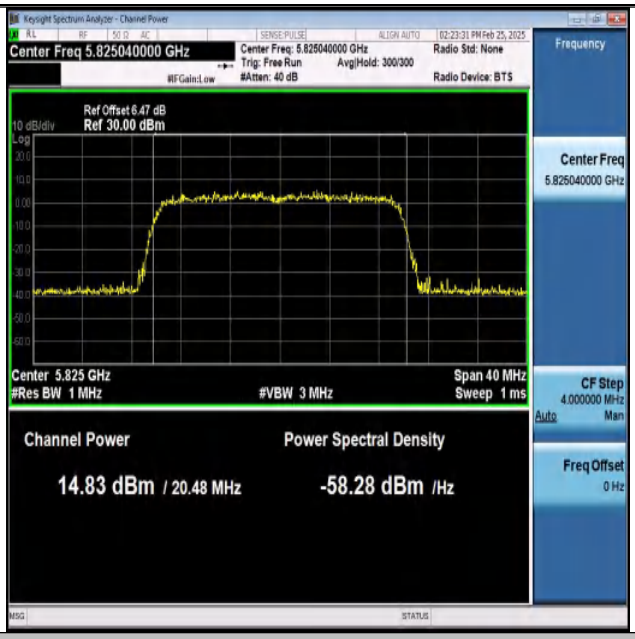
11AX20MIMO-Ant2-5745-PASS



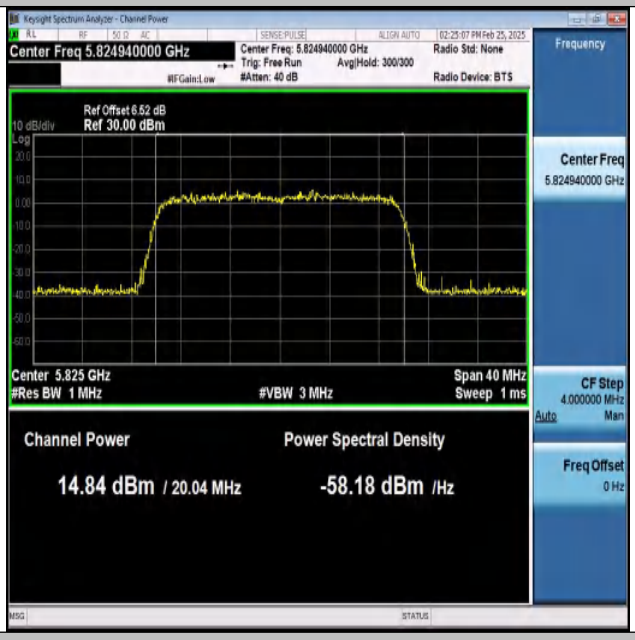
11AX20MIMO-Ant1-5785-PASS



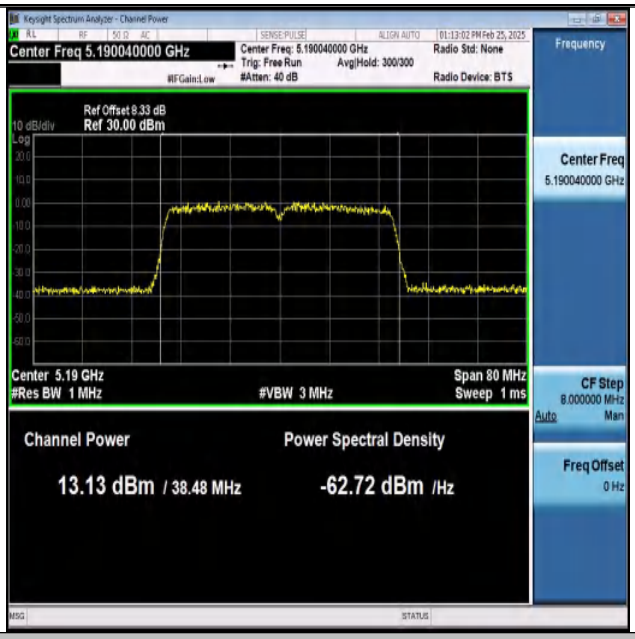
11AX20MIMO-Ant2-5785-PASS



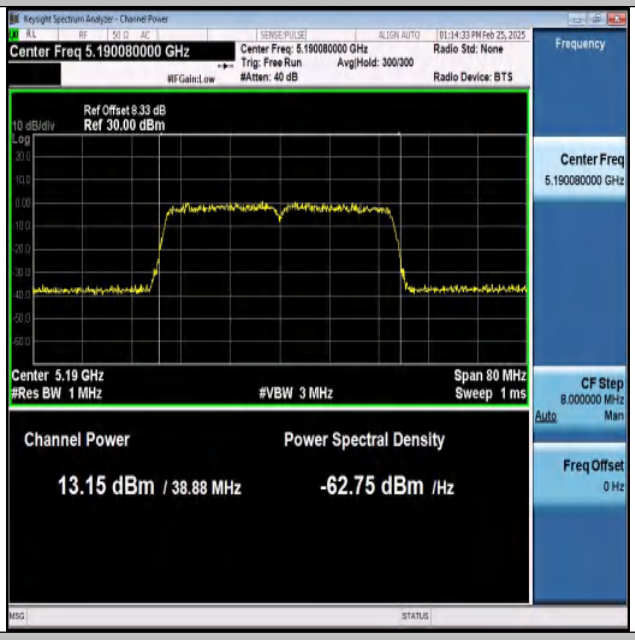
11AX20MIMO-Ant1-5825-PASS



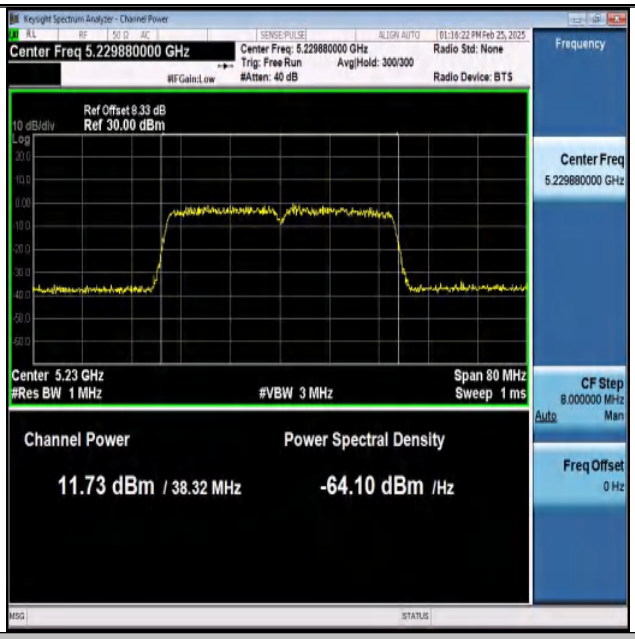
11AX20MIMO-Ant2-5825-PASS



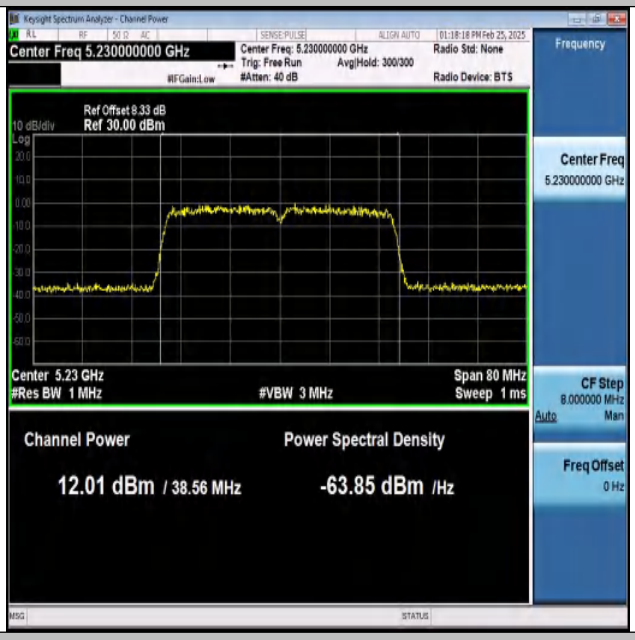
11AX40MIMO-Ant1-5190-PASS



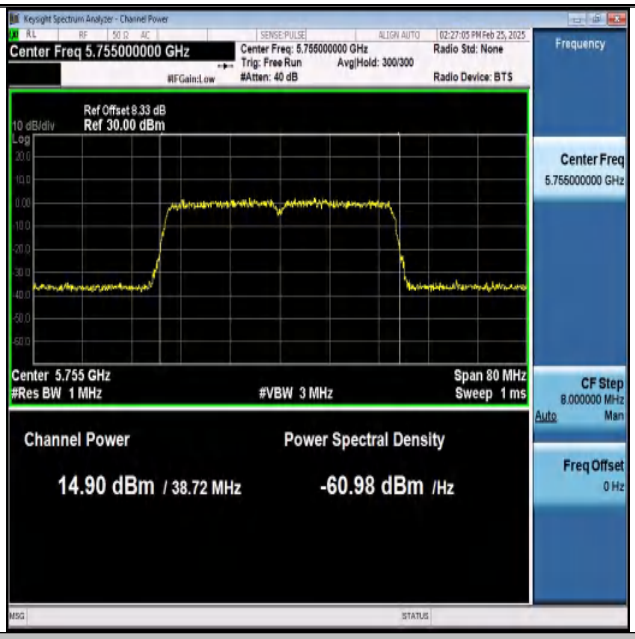
11AX40MIMO-Ant2-5190-PASS



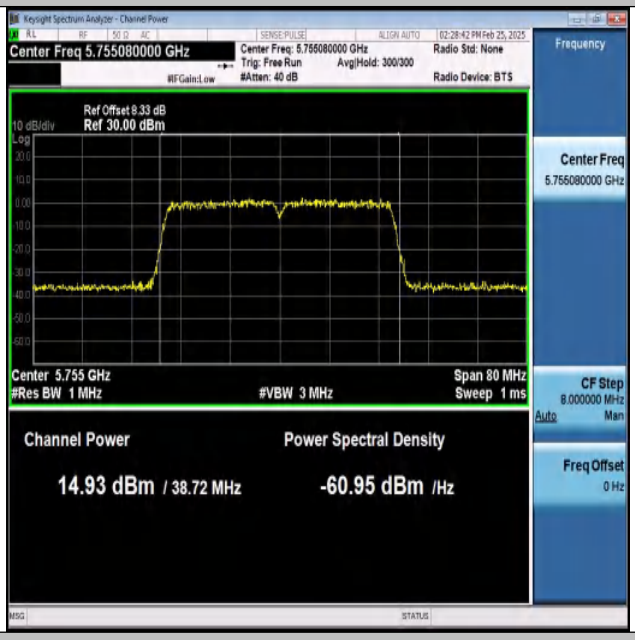
11AX40MIMO-Ant1-5230-PASS



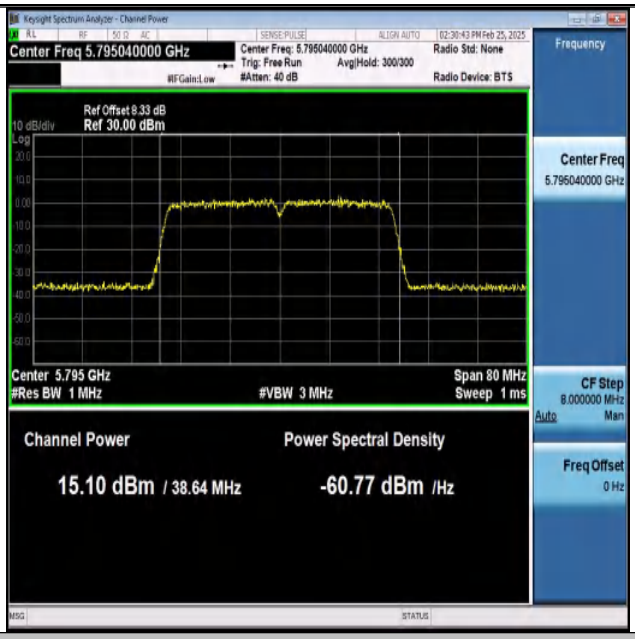
11AX40MIMO-Ant2-5230-PASS



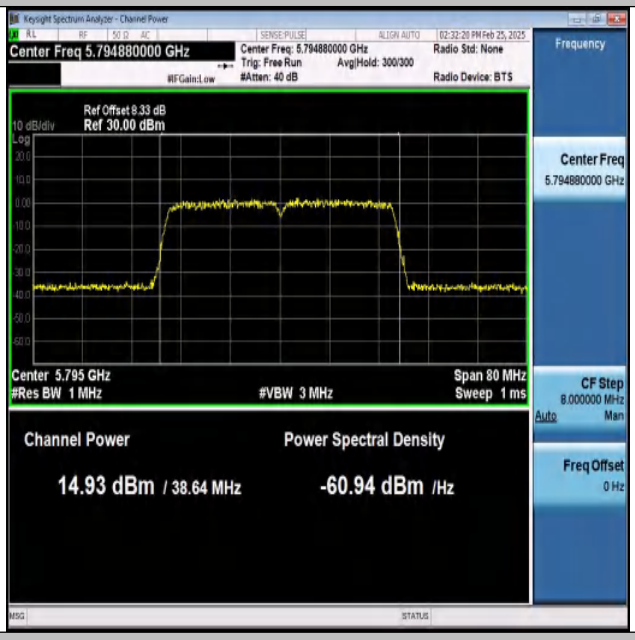
11AX40MIMO-Ant1-5755-PASS



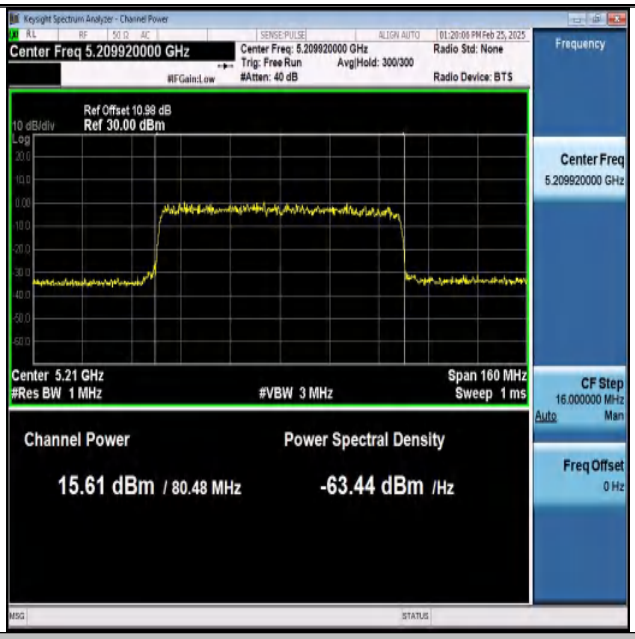
11AX40MIMO-Ant2-5755-PASS



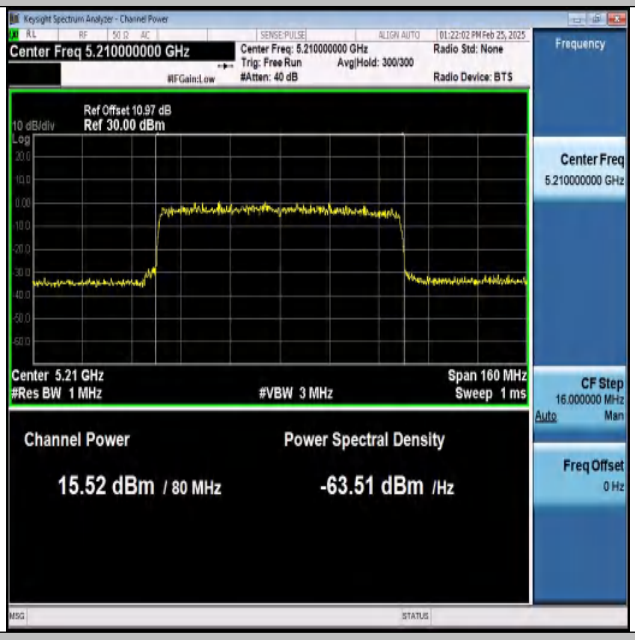
11AX40MIMO-Ant1-5795-PASS



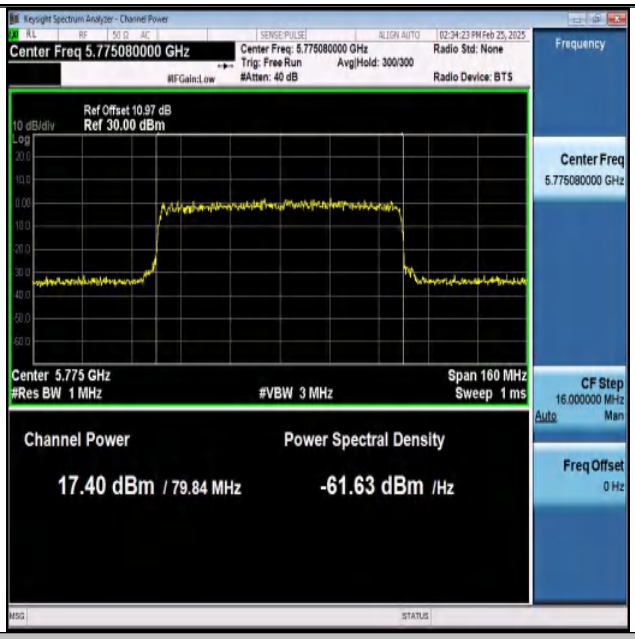
11AX40MIMO-Ant2-5795-PASS



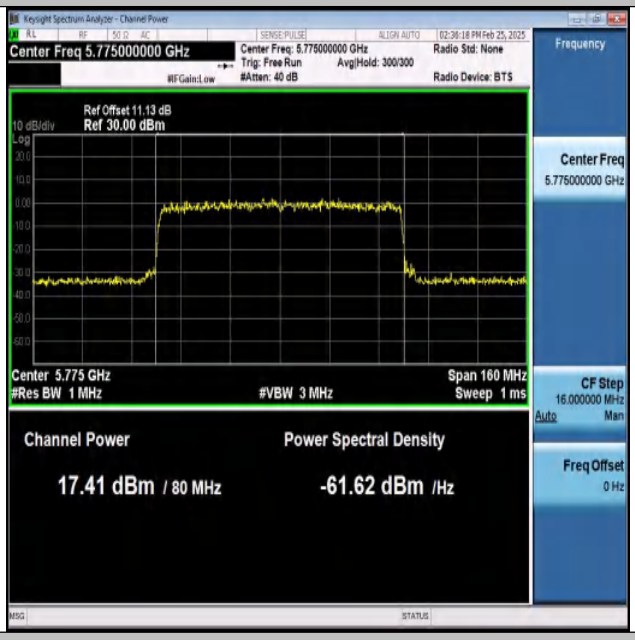
11AX80MIMO-Ant1-5210-PASS



11AX80MIMO-Ant2-5210-PASS



11AX80MIMO-Ant1-5775-PASS



11AX80MIMO-Ant2-5775-PASS

Appendix D: Maximum Power Spectral Density

Test Result B1

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-5.96	≤11.00	PASS
11A	Ant2	5180	-5.45	≤11.00	PASS
11A	Ant1	5200	-5.73	≤11.00	PASS
11A	Ant2	5200	-5.29	≤11.00	PASS
11A	Ant1	5240	-5.52	≤11.00	PASS
11A	Ant2	5240	-5.77	≤11.00	PASS
11N20MIMO	Ant1	5180	-5.69	≤11.00	PASS
11N20MIMO	Ant2	5180	-5.01	≤11.00	PASS
11N20MIMO	total	5180	-2.33	≤9.12	PASS
11N20MIMO	Ant1	5200	-6.22	≤11.00	PASS
11N20MIMO	Ant2	5200	-5.92	≤11.00	PASS
11N20MIMO	total	5200	-3.06	≤9.12	PASS
11N20MIMO	Ant1	5240	-5.99	≤11.00	PASS
11N20MIMO	Ant2	5240	-6.47	≤11.00	PASS
11N20MIMO	total	5240	-3.21	≤9.12	PASS
11N40MIMO	Ant1	5190	-8.64	≤11.00	PASS
11N40MIMO	Ant2	5190	-9.01	≤11.00	PASS
11N40MIMO	total	5190	-5.81	≤9.12	PASS
11N40MIMO	Ant1	5230	-9.10	≤11.00	PASS
11N40MIMO	Ant2	5230	-8.38	≤11.00	PASS
11N40MIMO	total	5230	-5.71	≤9.12	PASS
11AC20MIMO	Ant1	5180	-5.61	≤11.00	PASS
11AC20MIMO	Ant2	5180	-5.37	≤11.00	PASS
11AC20MIMO	total	5180	-2.48	≤9.12	PASS
11AC20MIMO	Ant1	5200	-6.60	≤11.00	PASS
11AC20MIMO	Ant2	5200	-5.78	≤11.00	PASS
11AC20MIMO	total	5200	-3.16	≤9.12	PASS
11AC20MIMO	Ant1	5240	-5.89	≤11.00	PASS
11AC20MIMO	Ant2	5240	-5.66	≤11.00	PASS
11AC20MIMO	total	5240	-2.76	≤9.12	PASS
11AC40MIMO	Ant1	5190	-8.71	≤11.00	PASS
11AC40MIMO	Ant2	5190	-9.26	≤11.00	PASS
11AC40MIMO	total	5190	-5.97	≤9.12	PASS
11AC40MIMO	Ant1	5230	-9.05	≤11.00	PASS
11AC40MIMO	Ant2	5230	-9.58	≤11.00	PASS
11AC40MIMO	total	5230	-6.30	≤9.12	PASS
11AC80MIMO	Ant1	5210	-12.74	≤11.00	PASS

11AC80MIMO	Ant2	5210	-11.26	≤11.00	PASS
11AC80MIMO	total	5210	-8.93	≤9.12	PASS
11AX20MIMO	Ant1	5180	-8.60	≤11.00	PASS
11AX20MIMO	Ant2	5180	-8.48	≤11.00	PASS
11AX20MIMO	total	5180	-5.53	≤9.12	PASS
11AX20MIMO	Ant1	5200	-12.16	≤11.00	PASS
11AX20MIMO	Ant2	5200	-8.99	≤11.00	PASS
11AX20MIMO	total	5200	-7.28	≤9.12	PASS
11AX20MIMO	Ant1	5240	-11.74	≤11.00	PASS
11AX20MIMO	Ant2	5240	-10.57	≤11.00	PASS
11AX20MIMO	total	5240	-8.11	≤9.12	PASS
11AX40MIMO	Ant1	5190	-12.00	≤11.00	PASS
11AX40MIMO	Ant2	5190	-10.90	≤11.00	PASS
11AX40MIMO	total	5190	-8.40	≤9.12	PASS
11AX40MIMO	Ant1	5230	-14.04	≤11.00	PASS
11AX40MIMO	Ant2	5230	-13.82	≤11.00	PASS
11AX40MIMO	total	5230	-10.92	≤9.12	PASS
11AX80MIMO	Ant1	5210	-14.26	≤11.00	PASS
11AX80MIMO	Ant2	5210	-15.09	≤11.00	PASS
11AX80MIMO	total	5210	-11.64	≤9.12	PASS

Note:

1.The Duty Cycle Factor and cable loss are compensated in the graph.

2.Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^{2}$ /N_{ANT}] dBi=7.88>6dBi,

so Final limit=limit-(Directional gain-6.00)dBm;

3. MIMO= 10*LOG((10^Ant2/10)+10^(ANT2/10))

Test Result B4

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-10.06	≤30.00	PASS
11A	Ant2	5745	-10.31	≤30.00	PASS
11A	Ant1	5785	-10.17	≤30.00	PASS
11A	Ant2	5785	-10.89	≤30.00	PASS
11A	Ant1	5825	-9.21	≤30.00	PASS
11A	Ant2	5825	-9.91	≤30.00	PASS
11N20MIMO	Ant1	5745	-10.73	≤30.00	PASS
11N20MIMO	Ant2	5745	-11.12	≤30.00	PASS
11N20MIMO	total	5745	-7.91	≤27.98	PASS
11N20MIMO	Ant1	5785	-10.55	≤30.00	PASS
11N20MIMO	Ant2	5785	-9.58	≤30.00	PASS
11N20MIMO	total	5785	-7.03	≤27.98	PASS
11N20MIMO	Ant1	5825	-9.79	≤30.00	PASS
11N20MIMO	Ant2	5825	-10.26	≤30.00	PASS
11N20MIMO	total	5825	-7.01	≤27.98	PASS
11N40MIMO	Ant1	5755	-14.46	≤30.00	PASS
11N40MIMO	Ant2	5755	-13.90	≤30.00	PASS
11N40MIMO	total	5755	-11.16	≤27.98	PASS
11N40MIMO	Ant1	5795	-11.65	≤30.00	PASS
11N40MIMO	Ant2	5795	-12.75	≤30.00	PASS
11N40MIMO	total	5795	-9.15	≤27.98	PASS
11AC20MIMO	Ant1	5745	-10.92	≤30.00	PASS
11AC20MIMO	Ant2	5745	-10.59	≤30.00	PASS
11AC20MIMO	total	5745	-7.74	≤27.98	PASS
11AC20MIMO	Ant1	5785	-10.81	≤30.00	PASS
11AC20MIMO	Ant2	5785	-10.67	≤30.00	PASS
11AC20MIMO	total	5785	-7.73	≤27.98	PASS
11AC20MIMO	Ant1	5825	-10.87	≤30.00	PASS
11AC20MIMO	Ant2	5825	-10.12	≤30.00	PASS
11AC20MIMO	total	5825	-7.47	≤27.98	PASS
11AC40MIMO	Ant1	5755	-14.16	≤30.00	PASS
11AC40MIMO	Ant2	5755	-13.83	≤30.00	PASS
11AC40MIMO	total	5755	-10.98	≤27.98	PASS
11AC40MIMO	Ant1	5795	-11.12	≤30.00	PASS
11AC40MIMO	Ant2	5795	-16.09	≤30.00	PASS
11AC40MIMO	total	5795	-9.92	≤27.98	PASS
11AC80MIMO	Ant1	5775	-15.94	≤30.00	PASS
11AC80MIMO	Ant2	5775	-16.19	≤30.00	PASS
11AC80MIMO	total	5775	-13.05	≤27.98	PASS

11AX20MIMO	Ant1	5745	-10.85	≤30.00	PASS
11AX20MIMO	Ant2	5745	-10.31	≤30.00	PASS
11AX20MIMO	total	5745	-7.56	≤27.98	PASS
11AX20MIMO	Ant1	5785	-9.13	≤30.00	PASS
11AX20MIMO	Ant2	5785	-9.03	≤30.00	PASS
11AX20MIMO	total	5785	-6.07	≤27.98	PASS
11AX20MIMO	Ant1	5825	-9.42	≤30.00	PASS
11AX20MIMO	Ant2	5825	-10.01	≤30.00	PASS
11AX20MIMO	total	5825	-6.69	≤27.98	PASS
11AX40MIMO	Ant1	5755	-11.79	≤30.00	PASS
11AX40MIMO	Ant2	5755	-10.77	≤30.00	PASS
11AX40MIMO	total	5755	-8.24	≤27.98	PASS
11AX40MIMO	Ant1	5795	-11.97	≤30.00	PASS
11AX40MIMO	Ant2	5795	-11.96	≤30.00	PASS
11AX40MIMO	total	5795	-8.95	≤27.98	PASS
11AX80MIMO	Ant1	5775	-14.48	≤30.00	PASS
11AX80MIMO	Ant2	5775	-14.07	≤30.00	PASS
11AX80MIMO	total	5775	-11.26	≤27.98	PASS

Note:

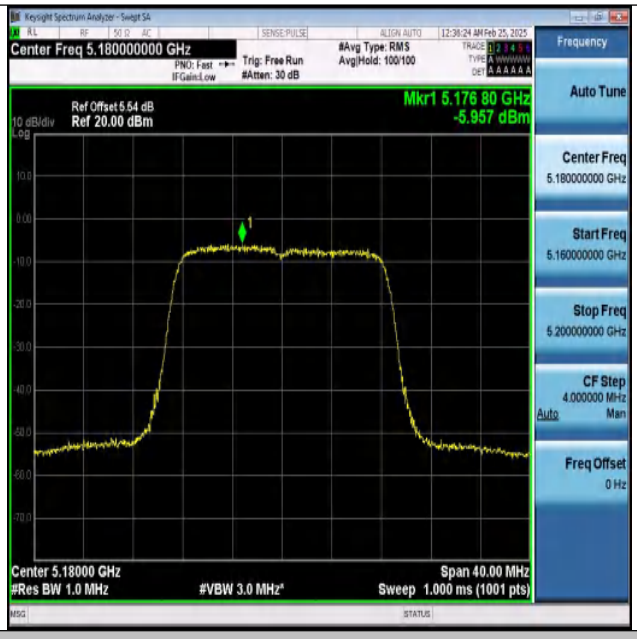
1.The Duty Cycle Factor and cable loss are compensated in the graph.

2.Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^2 / N_{ANT}$] dBi=8.02>6dBi,

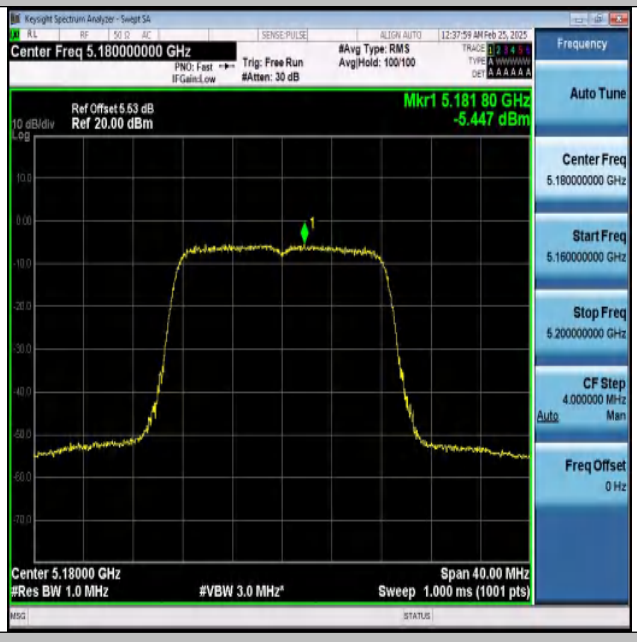
so Final limit=limit-(Directional gain-6.00)dBm;

3. MIMO= 10*LOG((10^Ant2/10)+10^(ANT2/10))

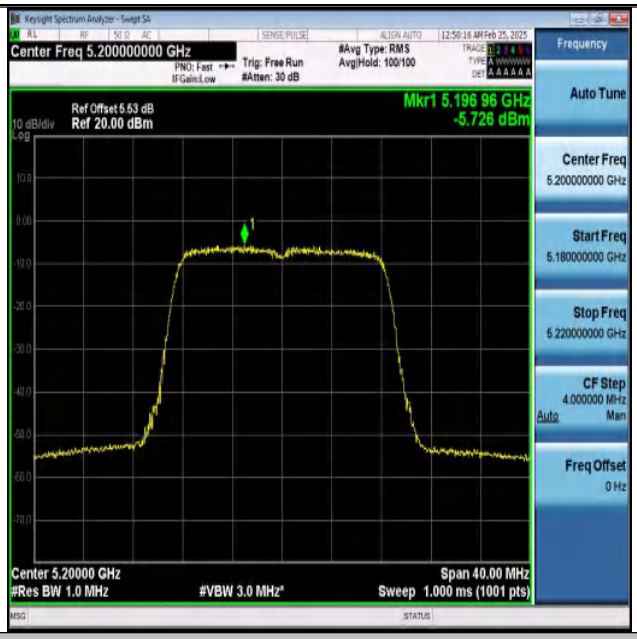
Test Graphs B1



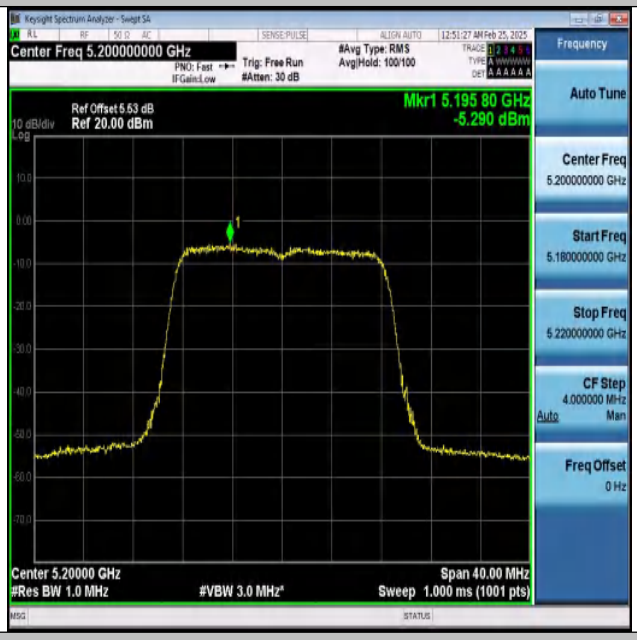
11A-Ant1-5180-PASS



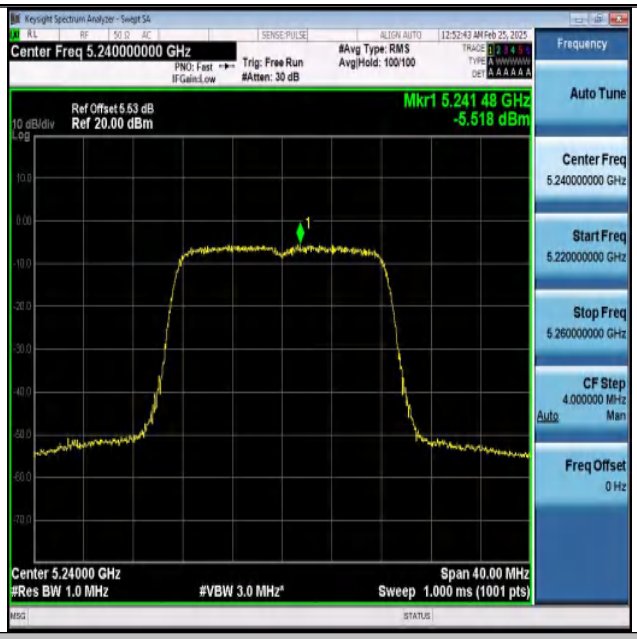
11A-Ant2-5180-PASS



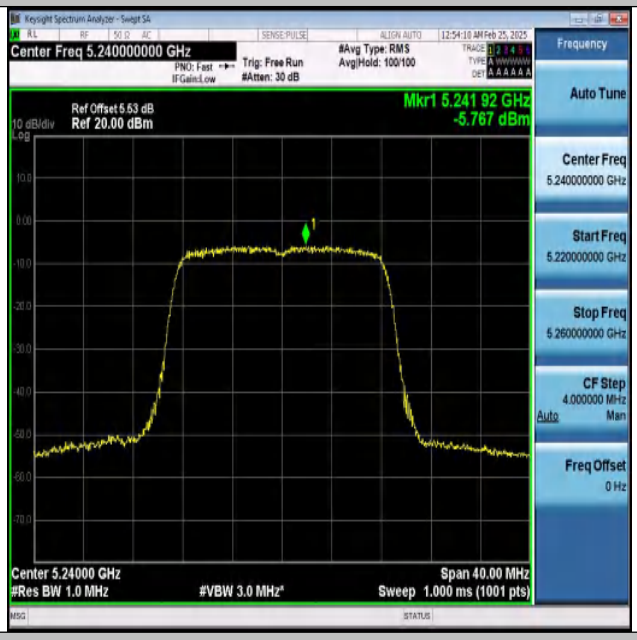
11A-Ant1-5200-PASS



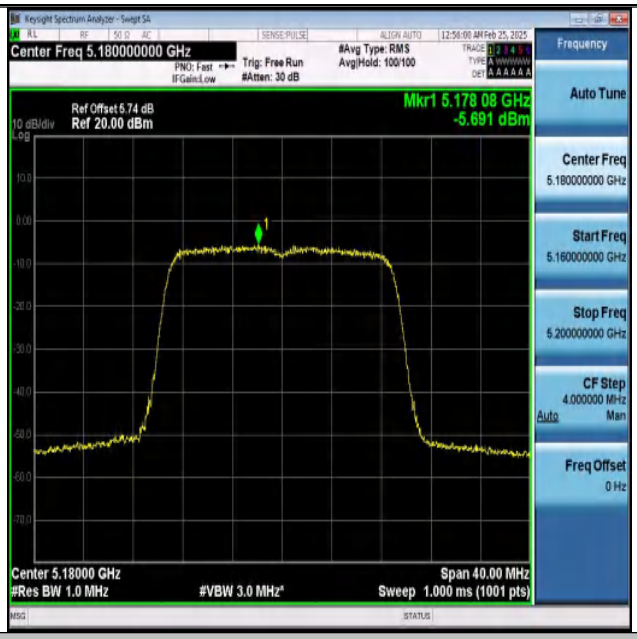
11A-Ant2-5200-PASS



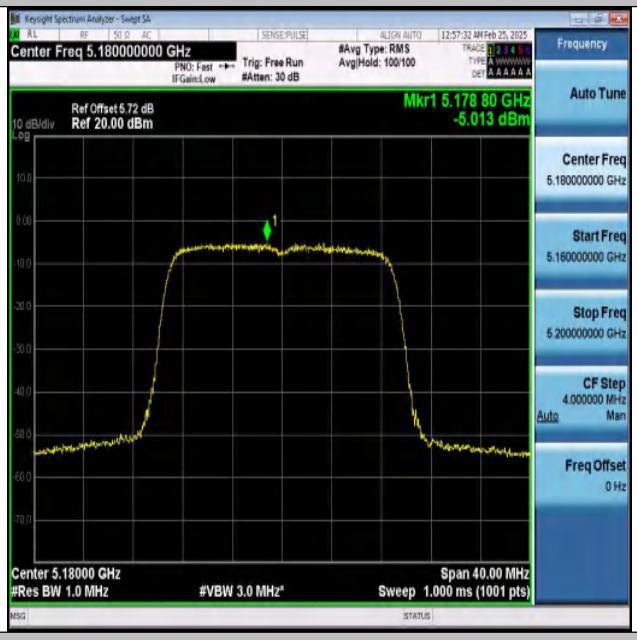
11A-Ant1-5240-PASS



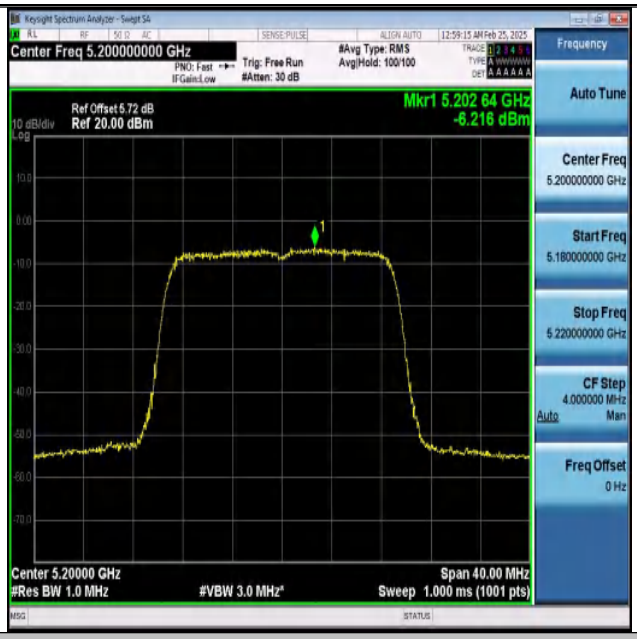
11A-Ant2-5240-PASS



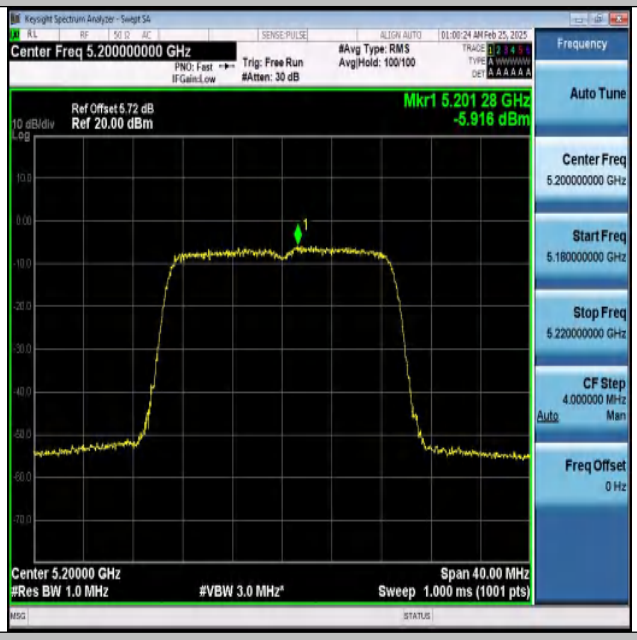
11N20MIMO-Ant1-5180-PASS



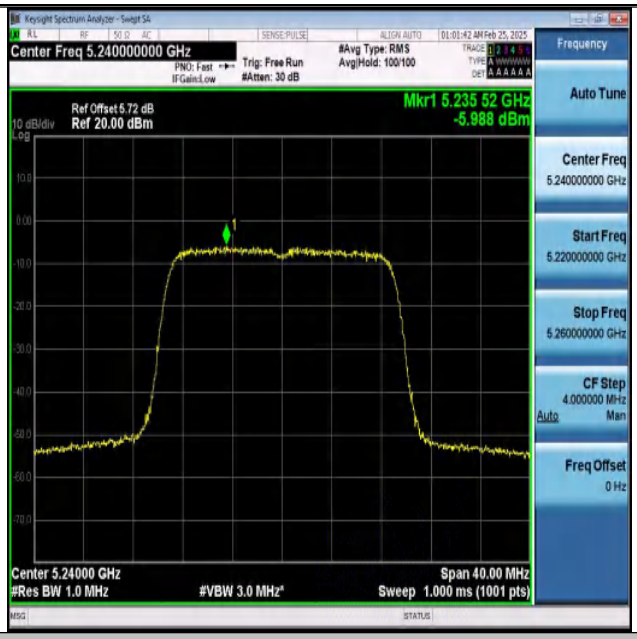
11N20MIMO-Ant2-5180-PASS



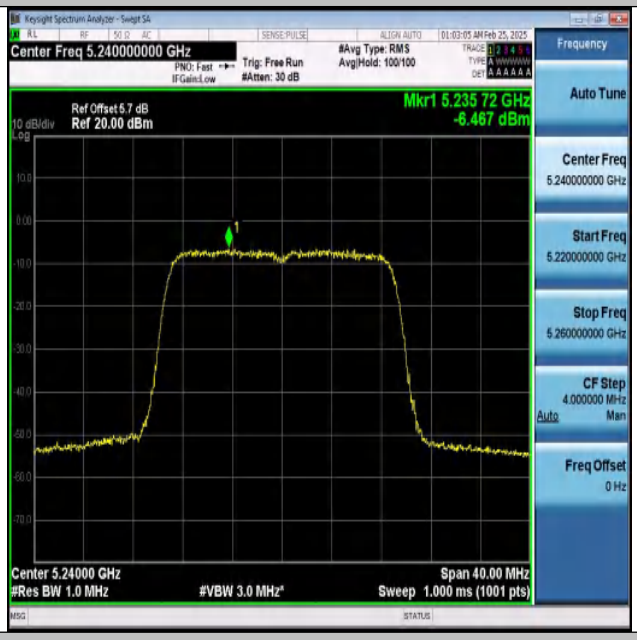
11N20MIMO-Ant1-5200-PASS



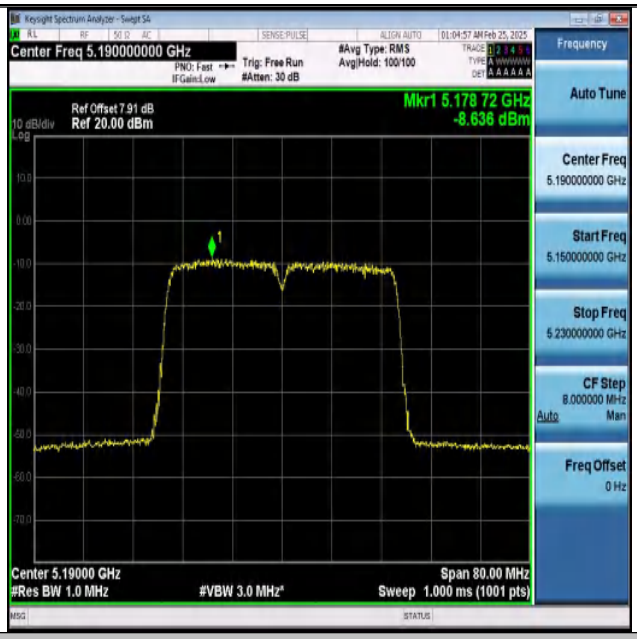
11N20MIMO-Ant2-5200-PASS



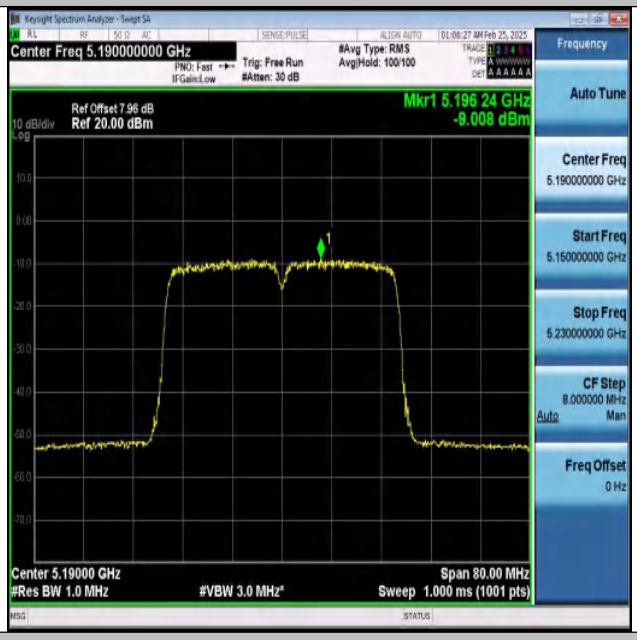
11N20MIMO-Ant1-5240-PASS



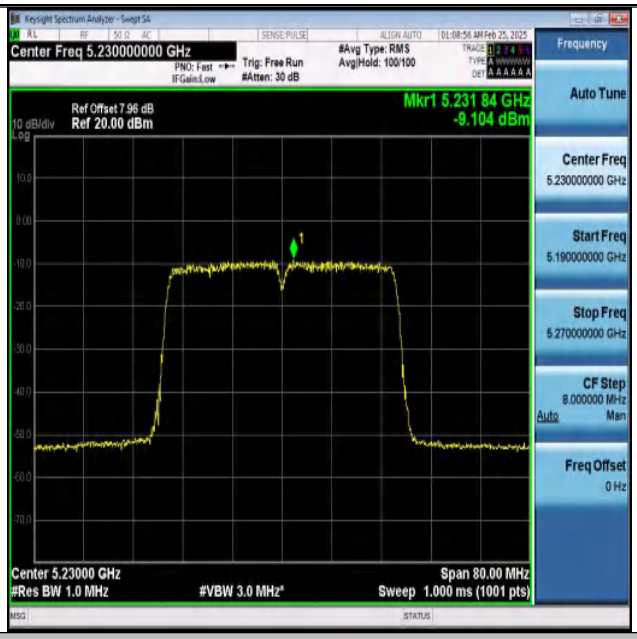
11N20MIMO-Ant2-5240-PASS



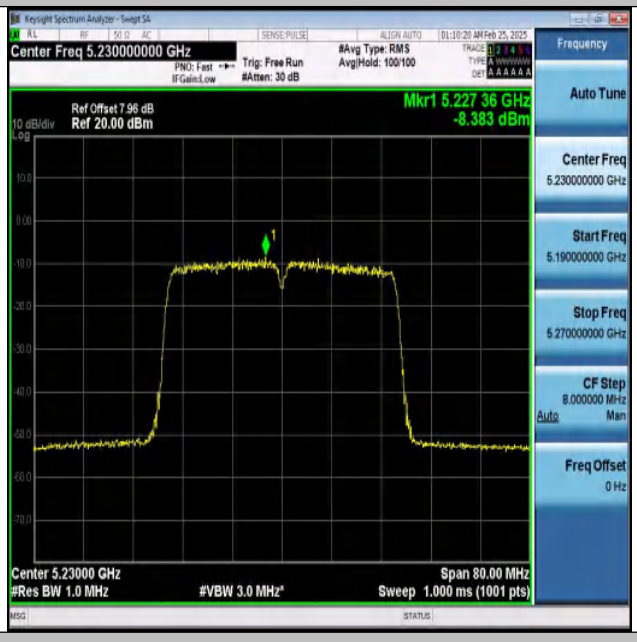
11N40MIMO-Ant1-5190-PASS



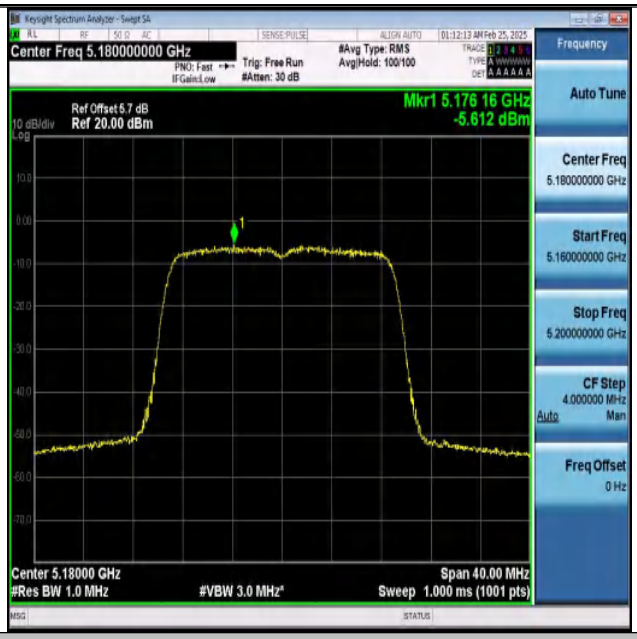
11N40MIMO-Ant2-5190-PASS



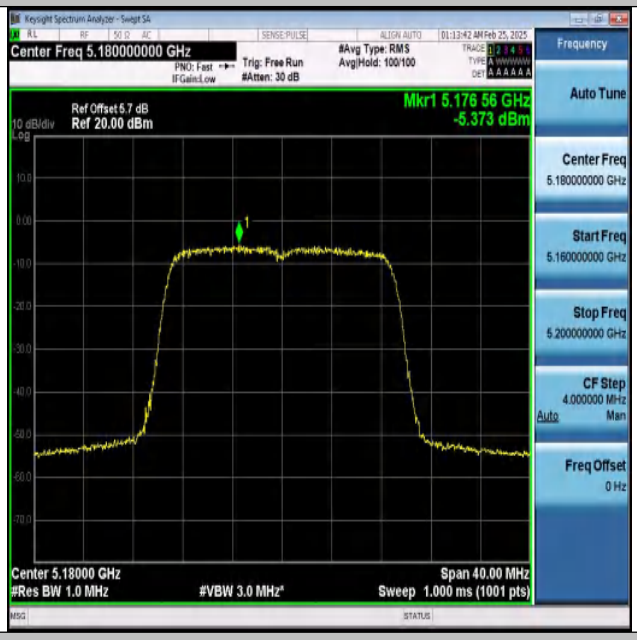
11N40MIMO-Ant1-5230-PASS



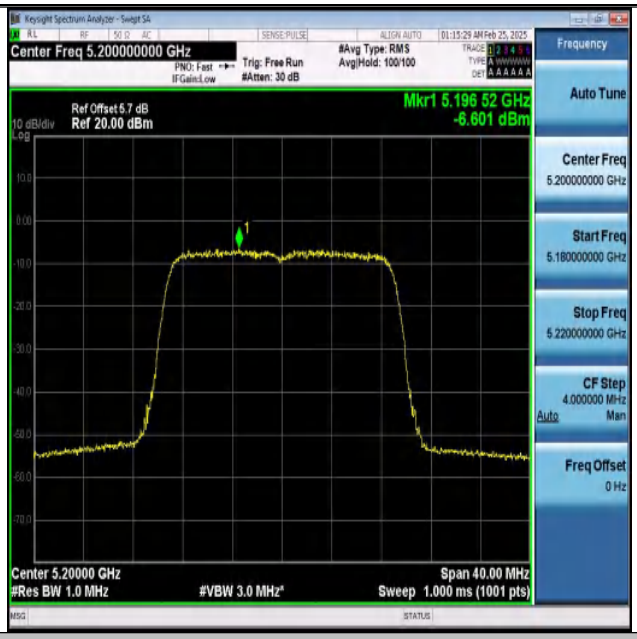
11N40MIMO-Ant2-5230-PASS



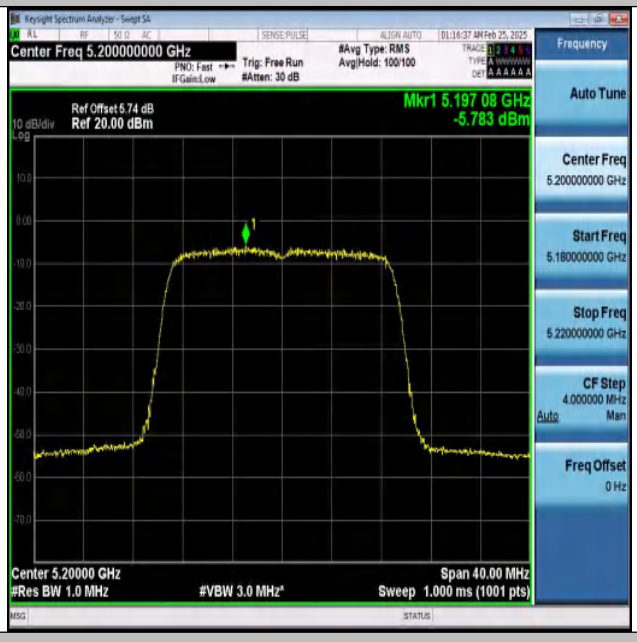
11AC20MIMO-Ant1-5180-PASS



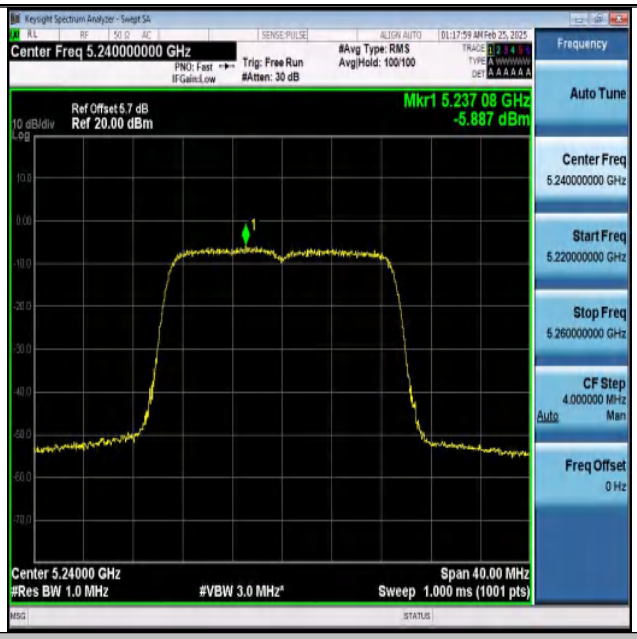
11AC20MIMO-Ant2-5180-PASS



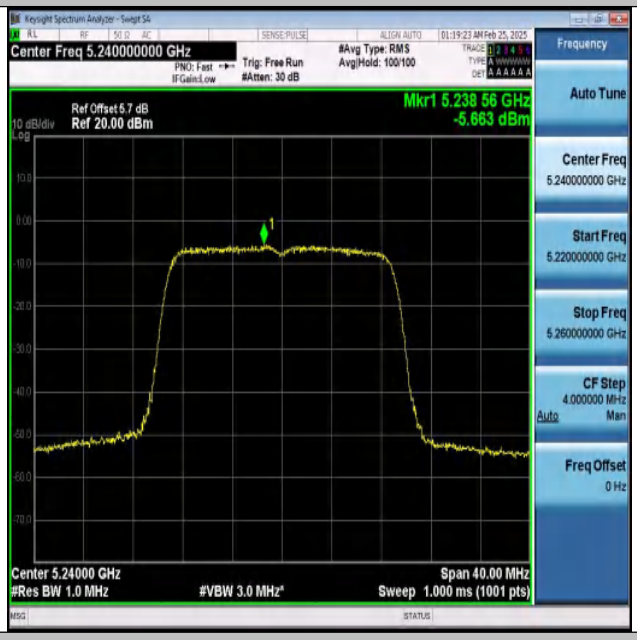
11AC20MIMO-Ant1-5200-PASS



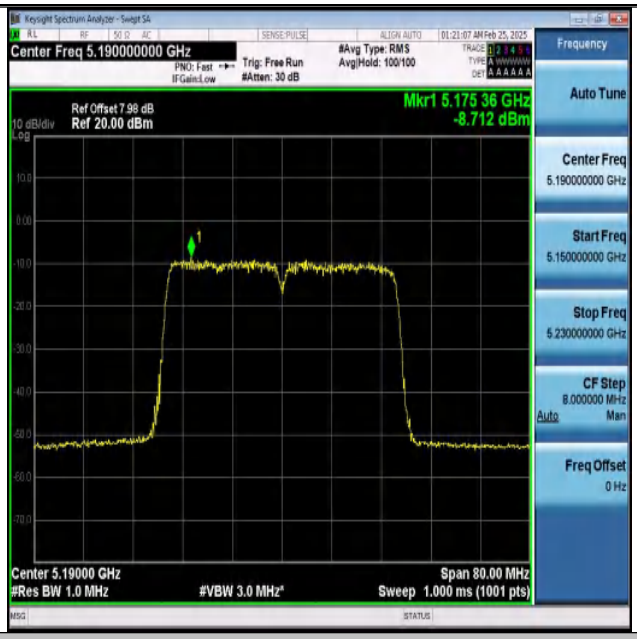
11AC20MIMO-Ant2-5200-PASS



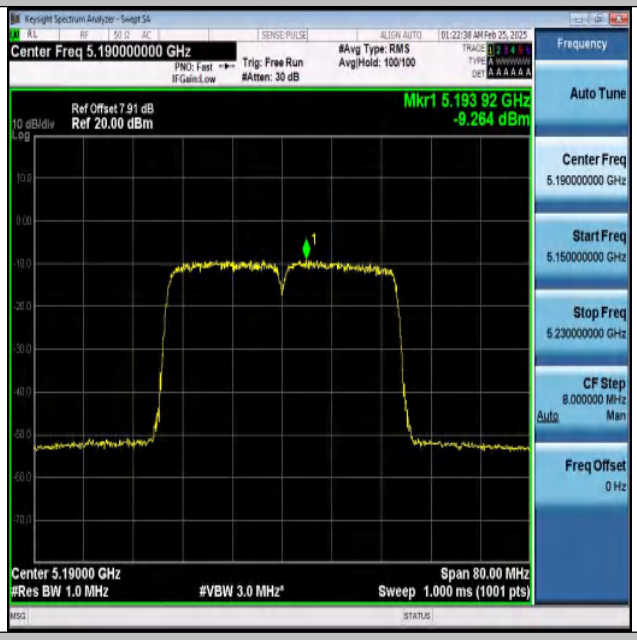
11AC20MIMO-Ant1-5240-PASS



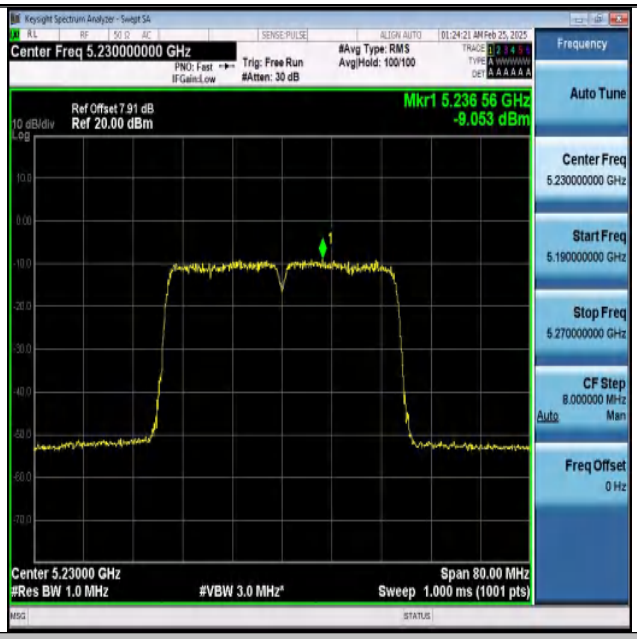
11AC20MIMO-Ant2-5240-PASS



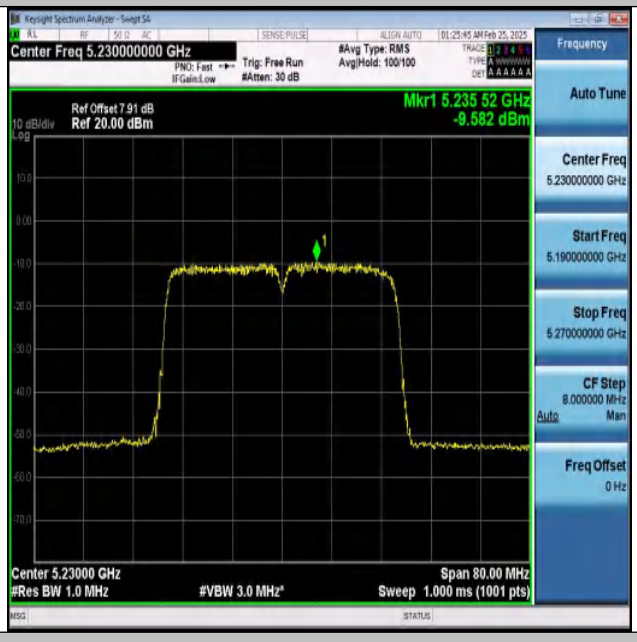
11AC40MIMO-Ant1-5190-PASS



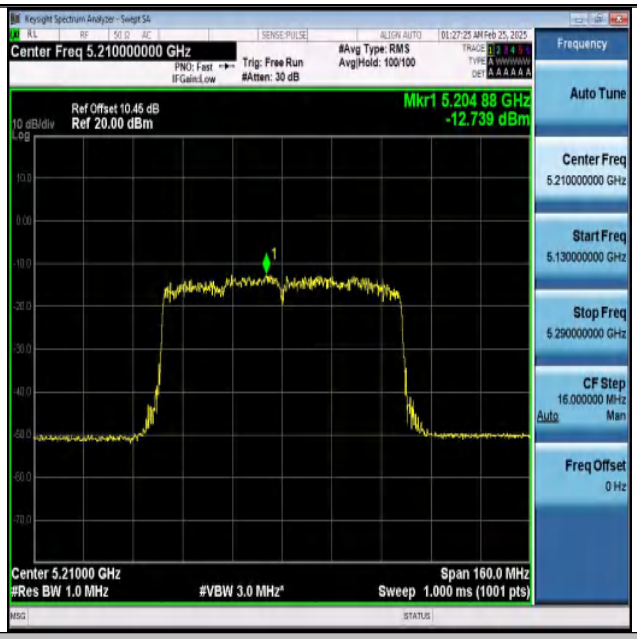
11AC40MIMO-Ant2-5190-PASS



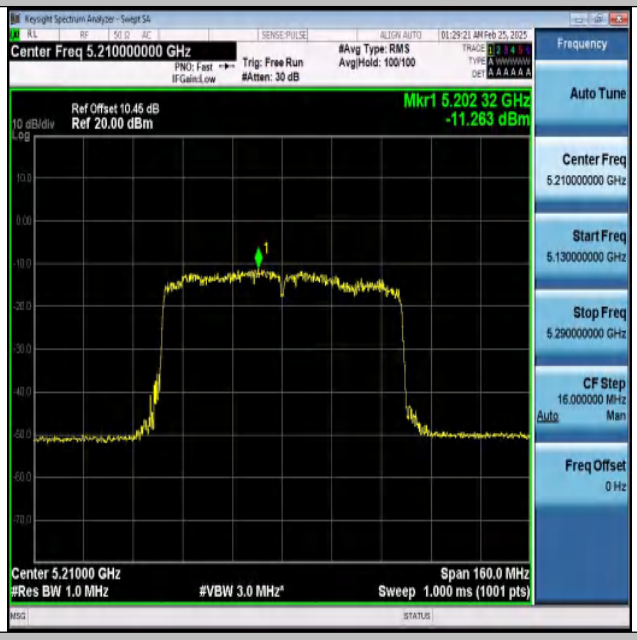
11AC40MIMO-Ant1-5230-PASS



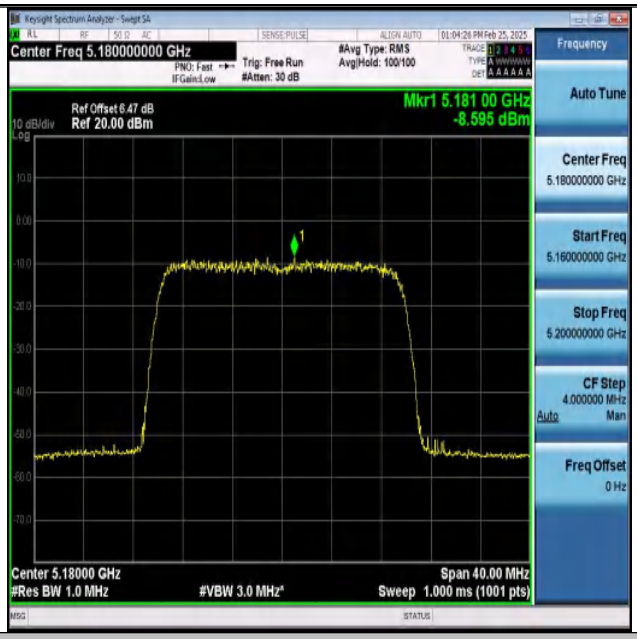
11AC40MIMO-Ant2-5230-PASS



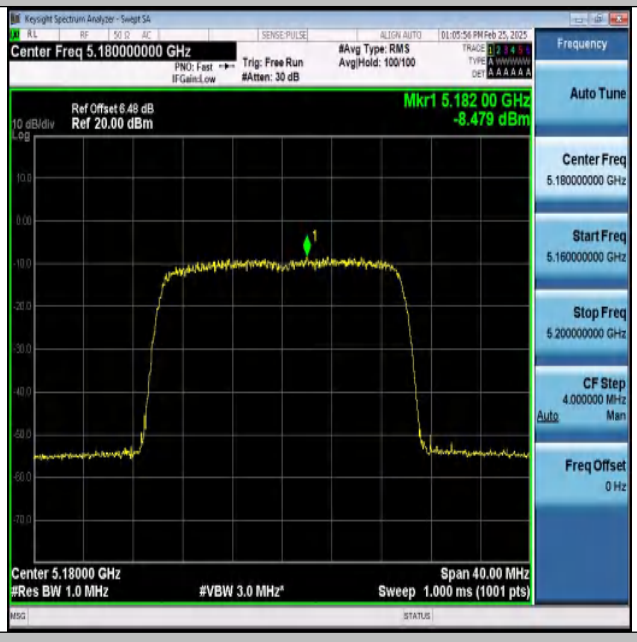
11AC80MIMO-Ant1-5210-PASS



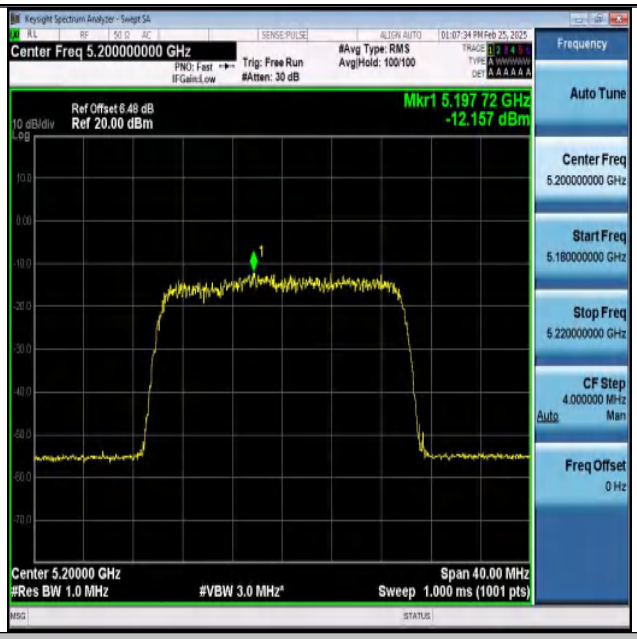
11AC80MIMO-Ant2-5210-PASS



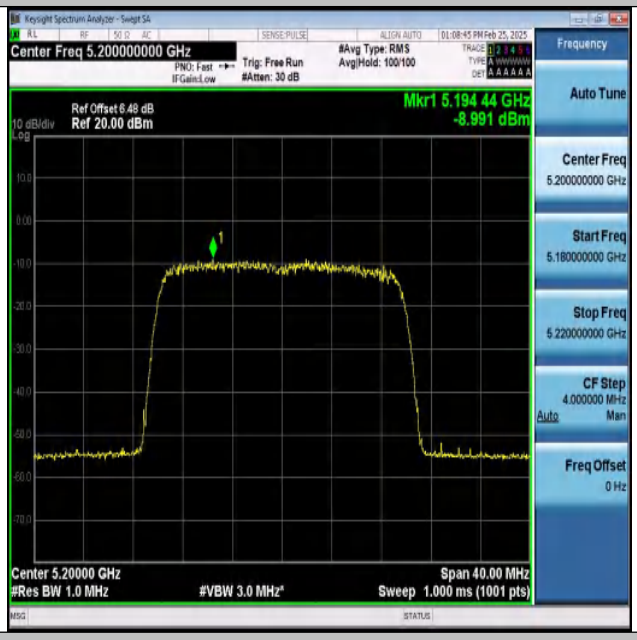
11AX20MIMO-Ant1-5180-PASS



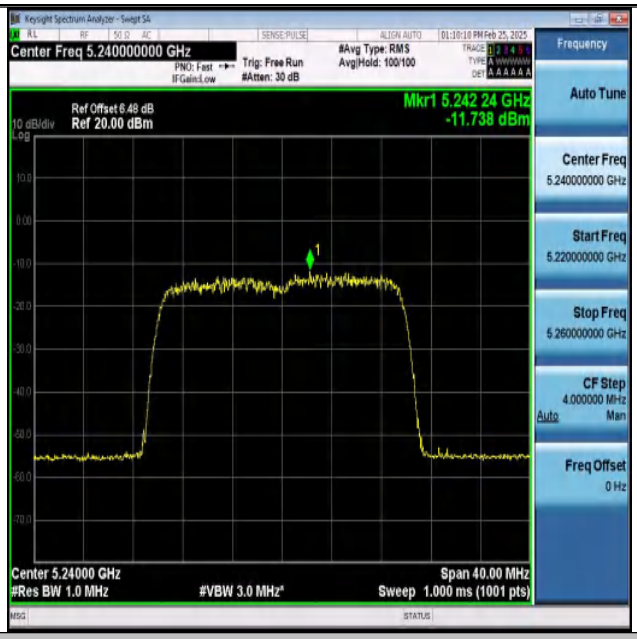
11AX20MIMO-Ant2-5180-PASS



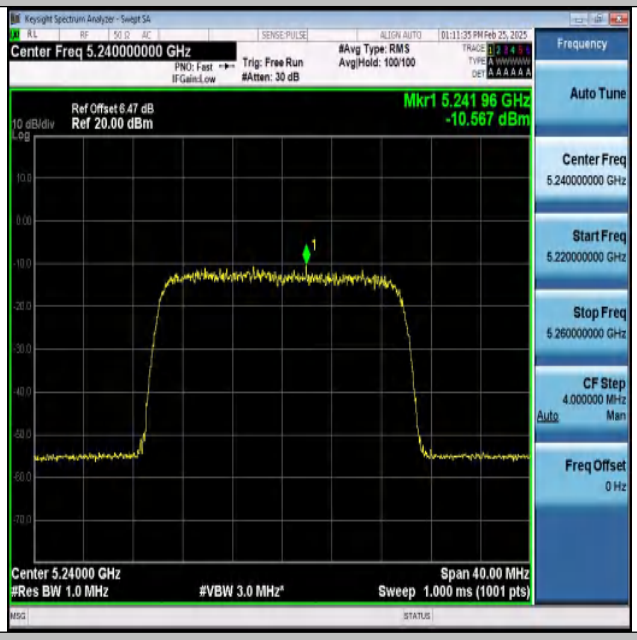
11AX20MIMO-Ant1-5200-PASS



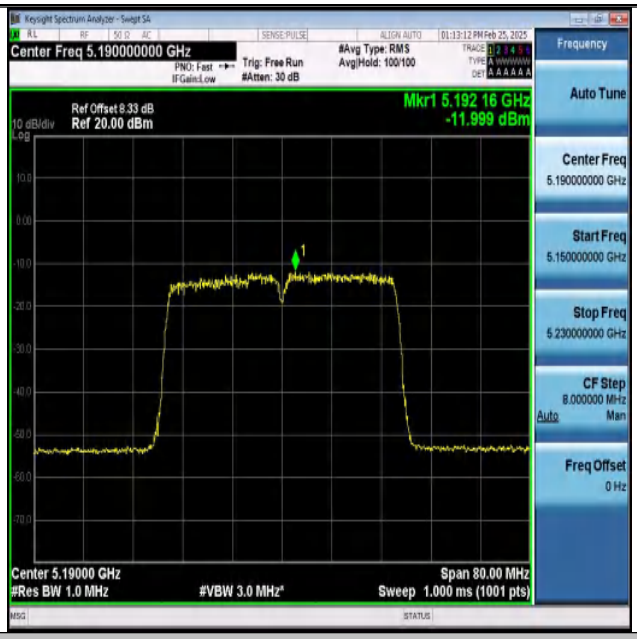
11AX20MIMO-Ant2-5200-PASS



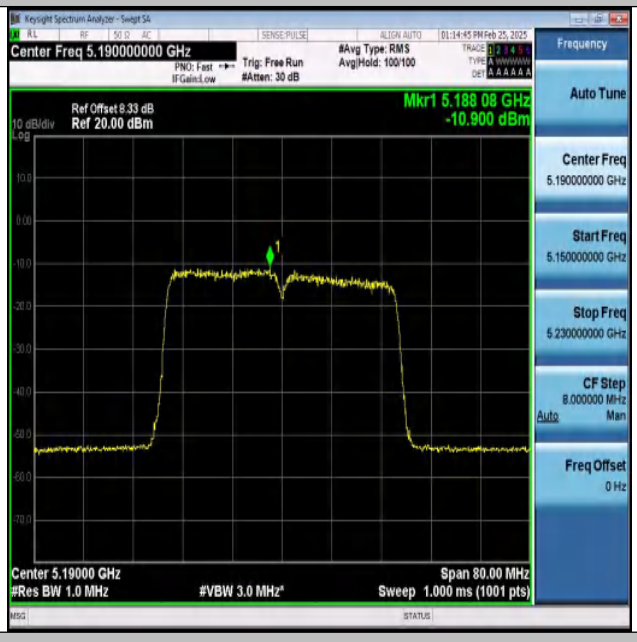
11AX20MIMO-Ant1-5240-PASS



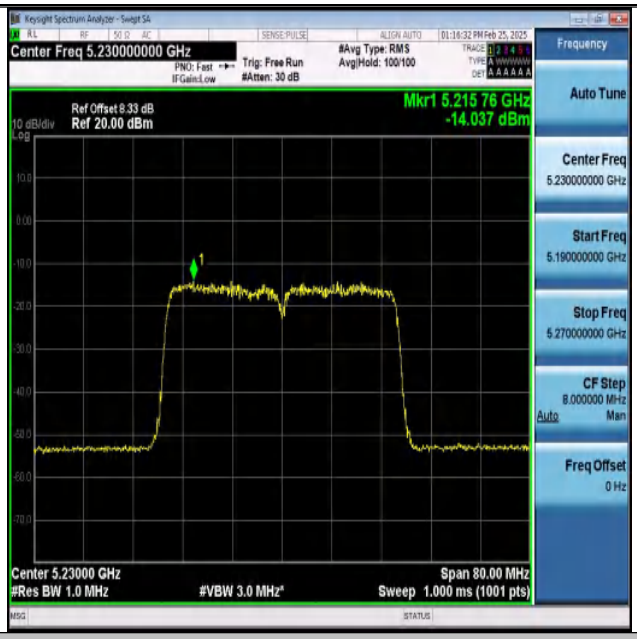
11AX20MIMO-Ant2-5240-PASS



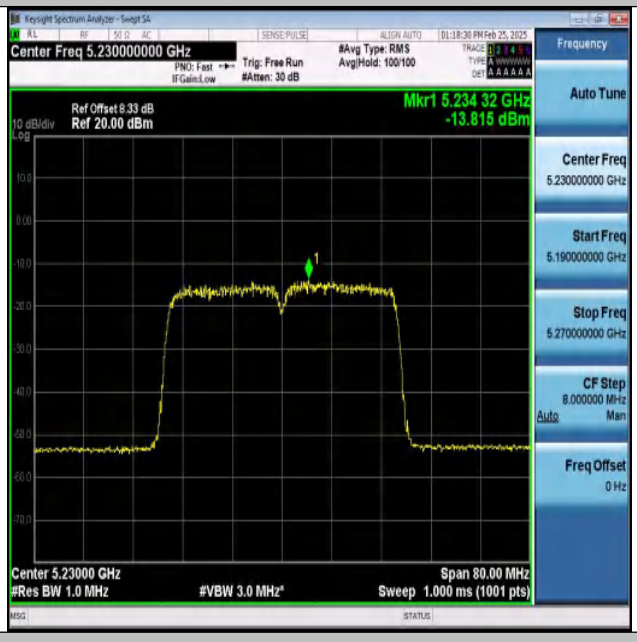
11AX40MIMO-Ant1-5190-PASS



11AX40MIMO-Ant2-5190-PASS

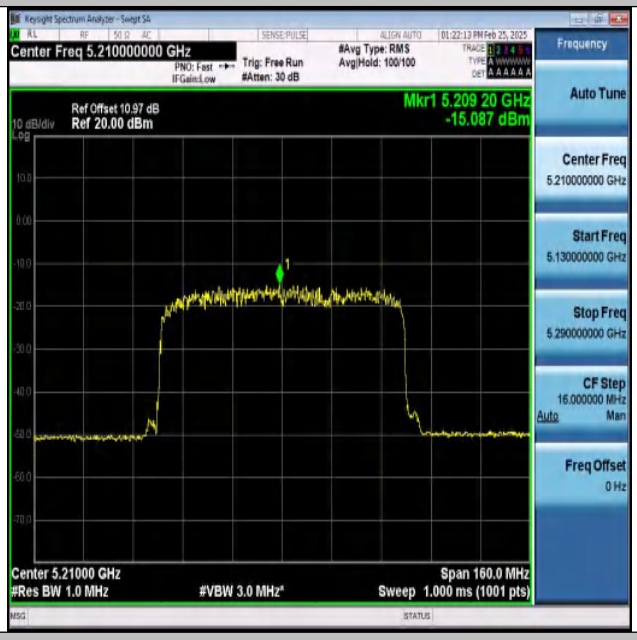


11AX40MIMO-Ant1-5230-PASS



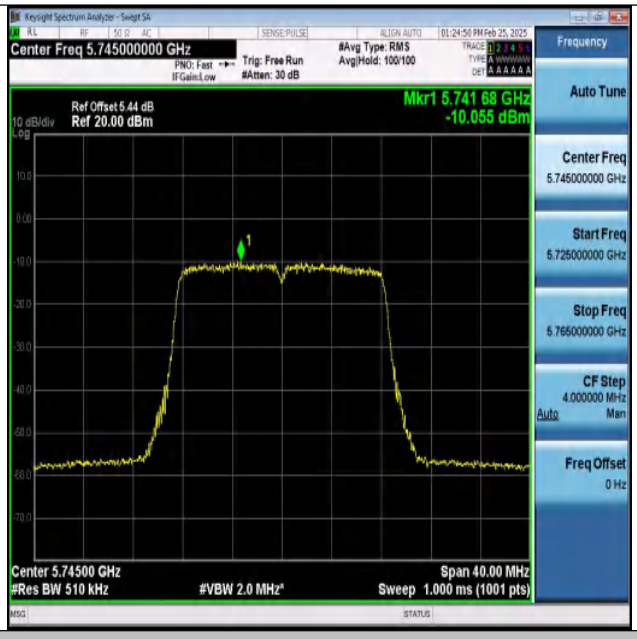
11AX40MIMO-Ant2-5230-PASS

11AX80MIMO-Ant1-5210-PASS

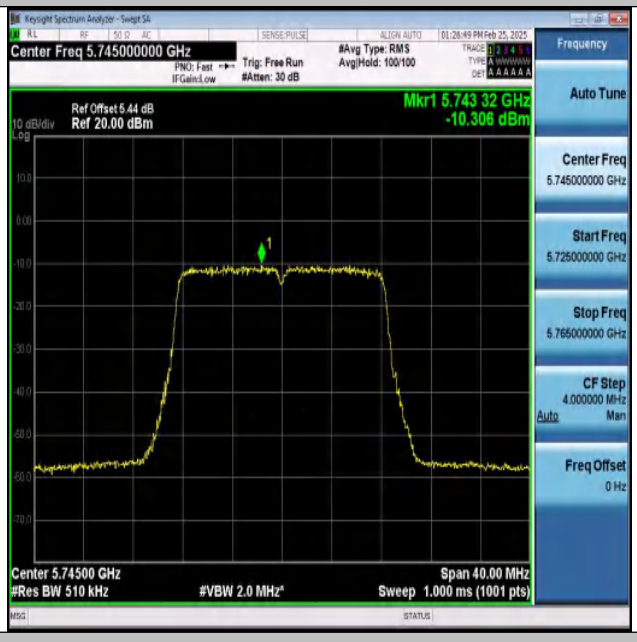


11AX80MIMO-Ant2-5210-PASS

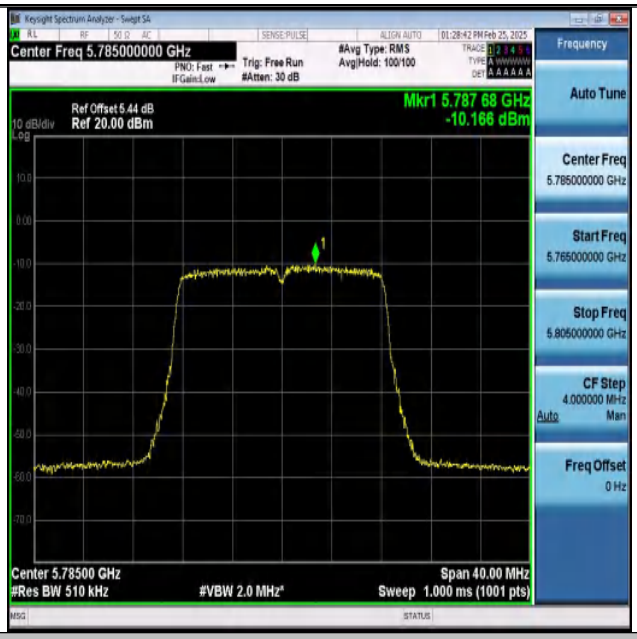
Test Graphs B4



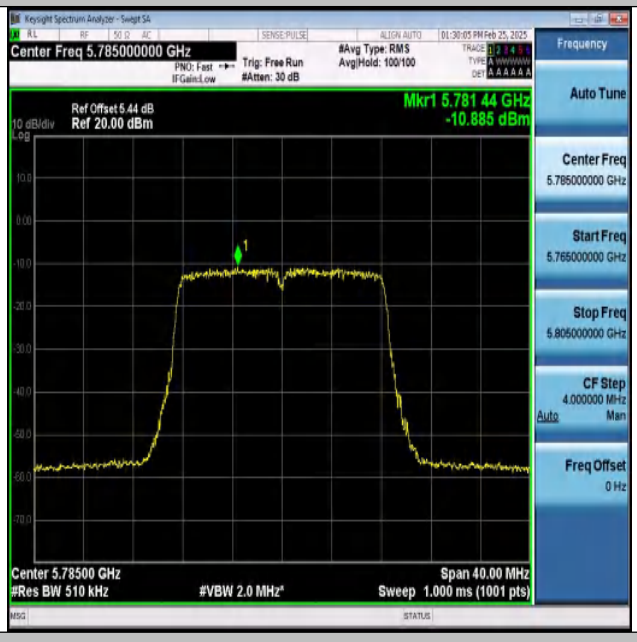
11A-Ant1-5745-PASS



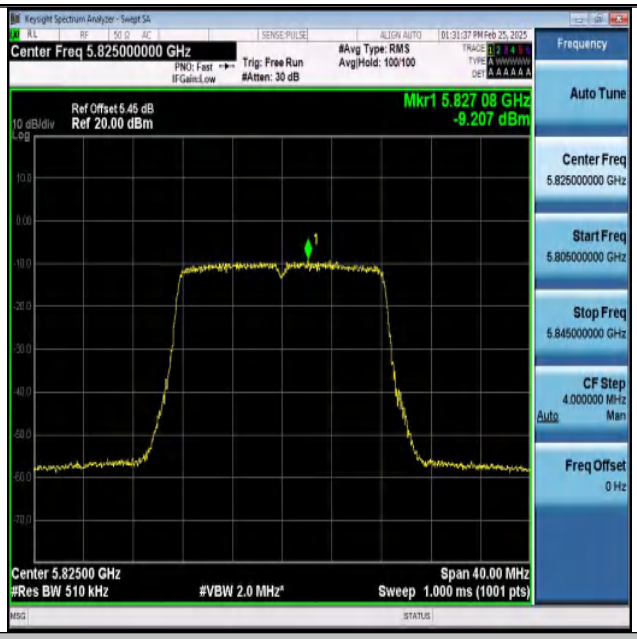
11A-Ant2-5745-PASS



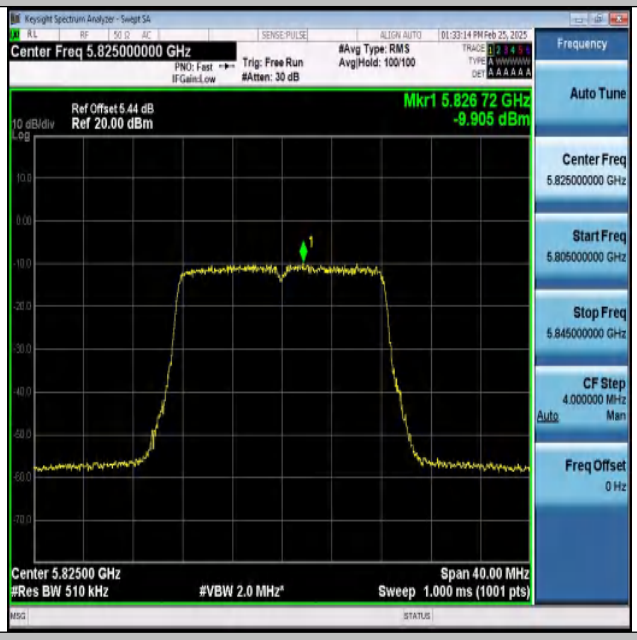
11A-Ant1-5785-PASS



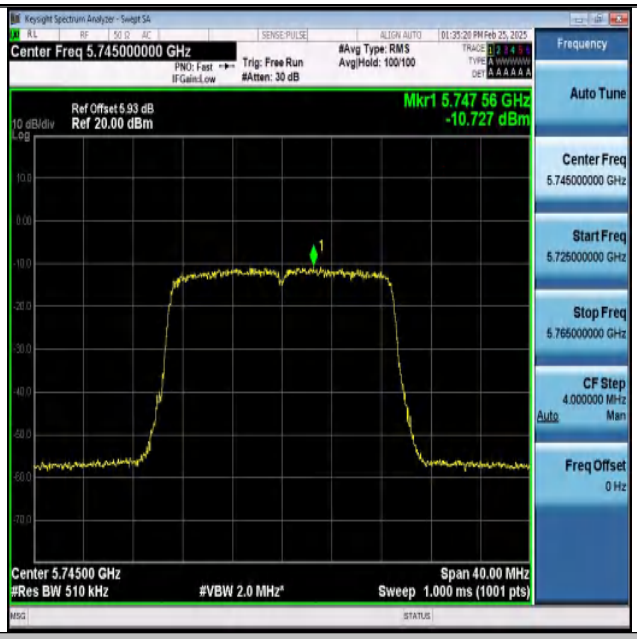
11A-Ant2-5785-PASS



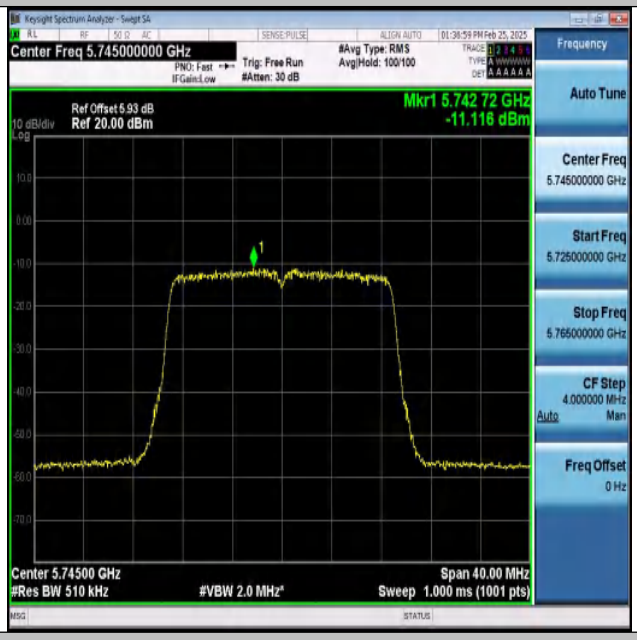
11A-Ant1-5825-PASS



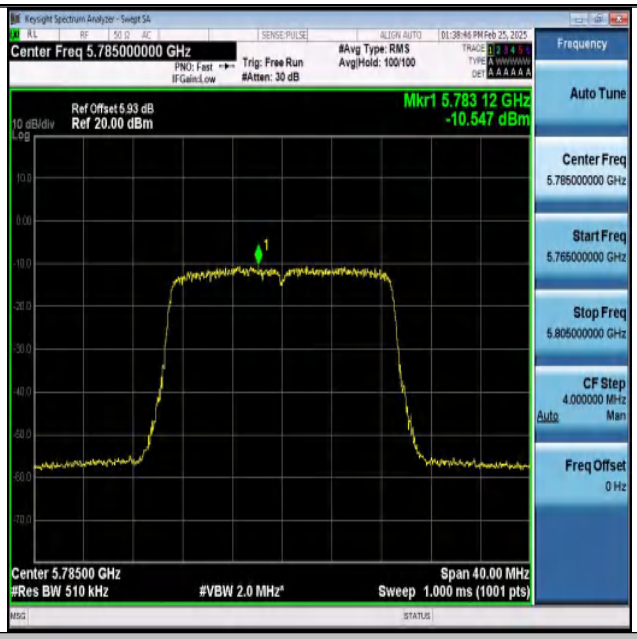
11A-Ant2-5825-PASS



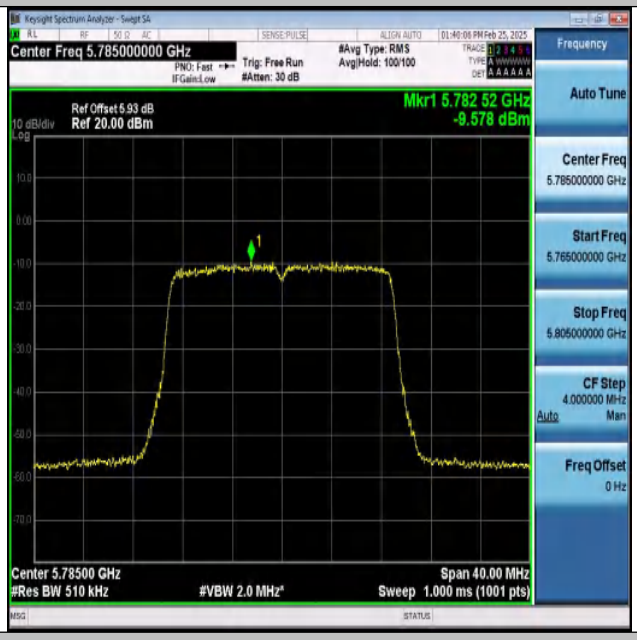
11N20MIMO-Ant1-5745-PASS



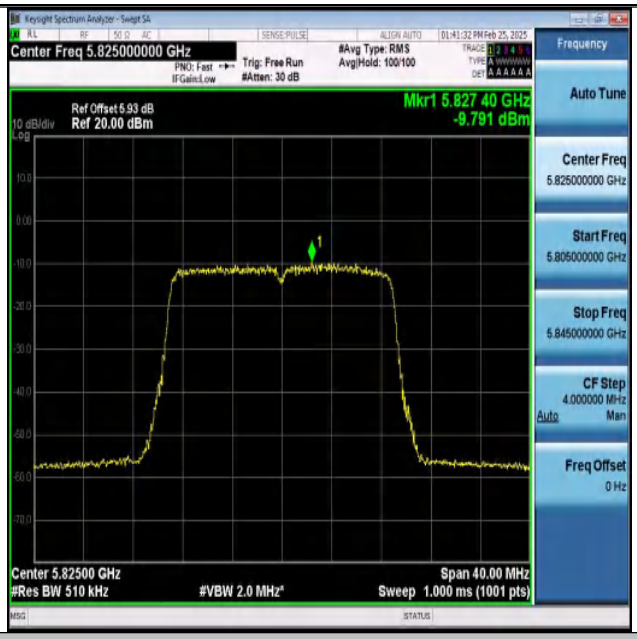
11N20MIMO-Ant2-5745-PASS



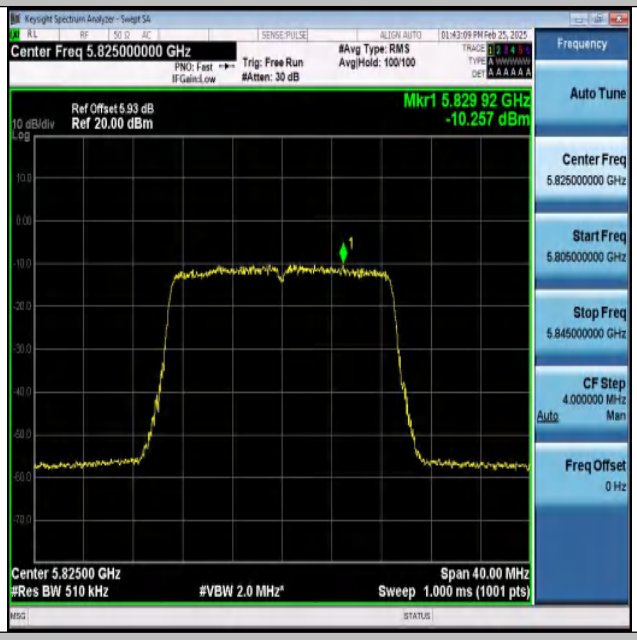
11N20MIMO-Ant1-5785-PASS



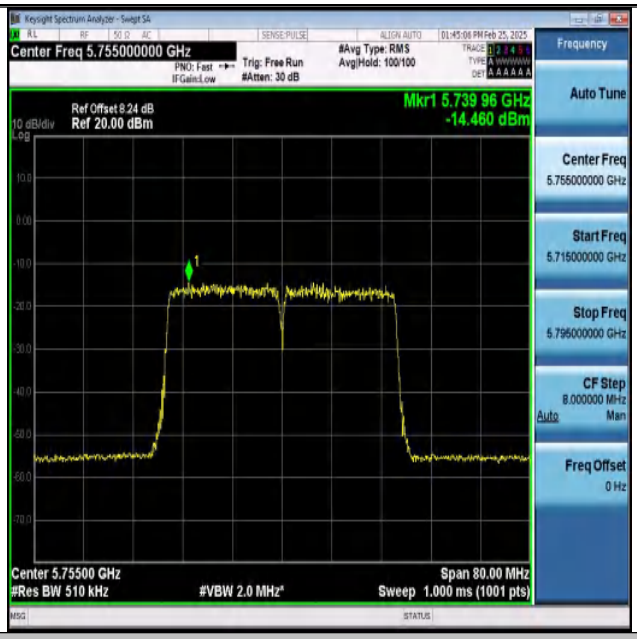
11N20MIMO-Ant2-5785-PASS



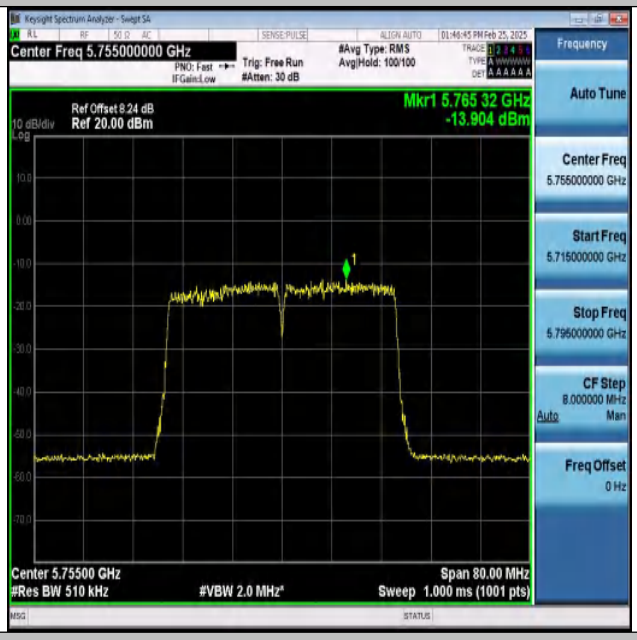
11N20MIMO-Ant1-5825-PASS



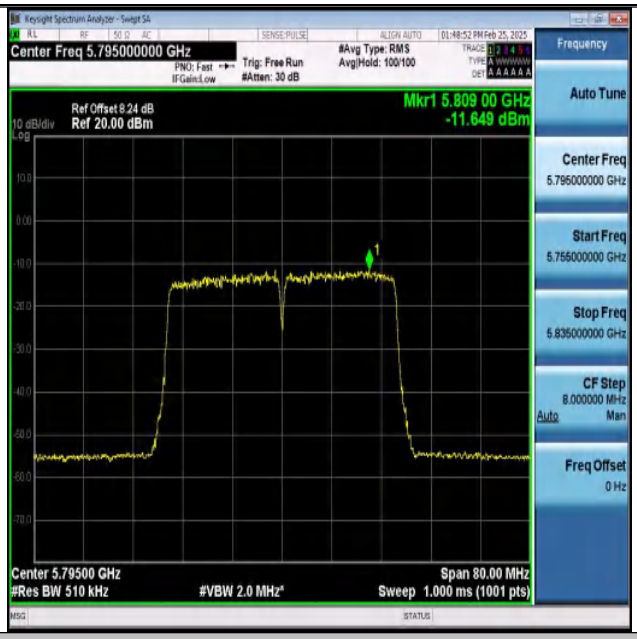
11N20MIMO-Ant2-5825-PASS



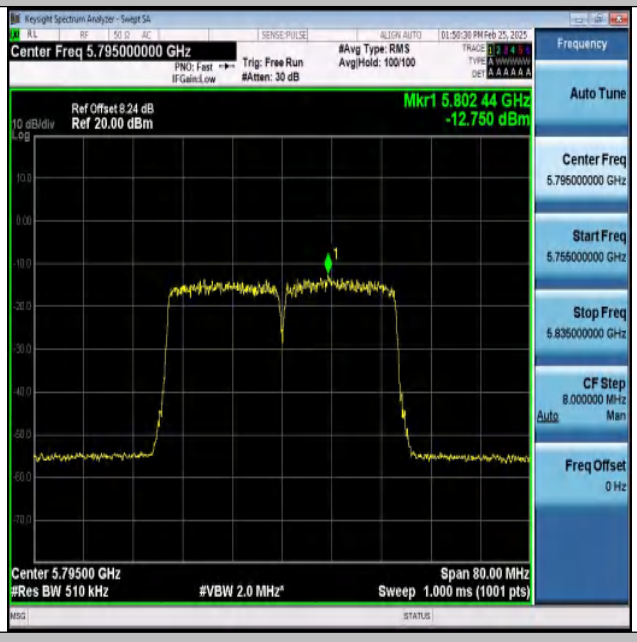
11N40MIMO-Ant1-5755-PASS



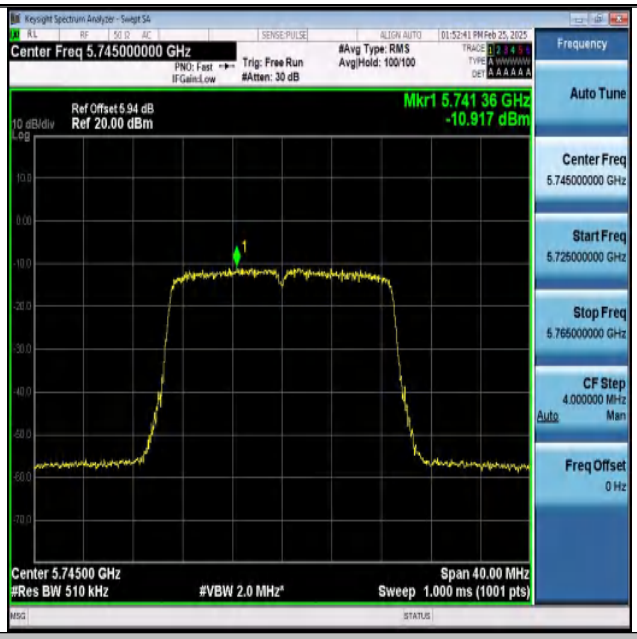
11N40MIMO-Ant2-5755-PASS



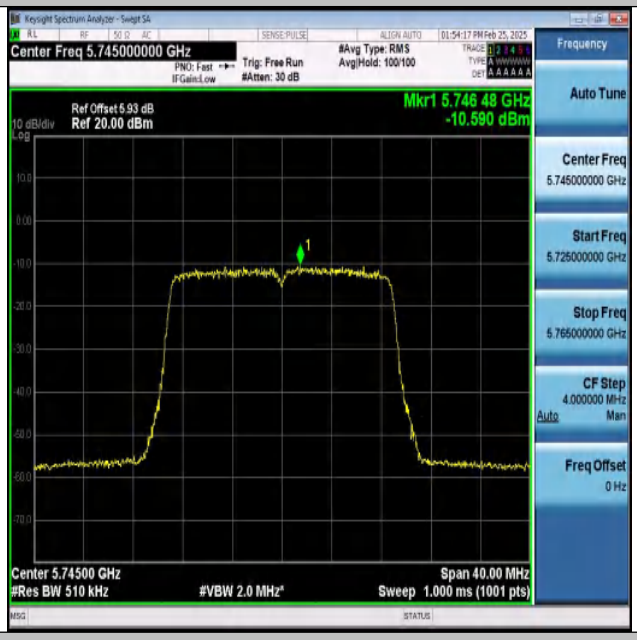
11N40MIMO-Ant1-5795-PASS



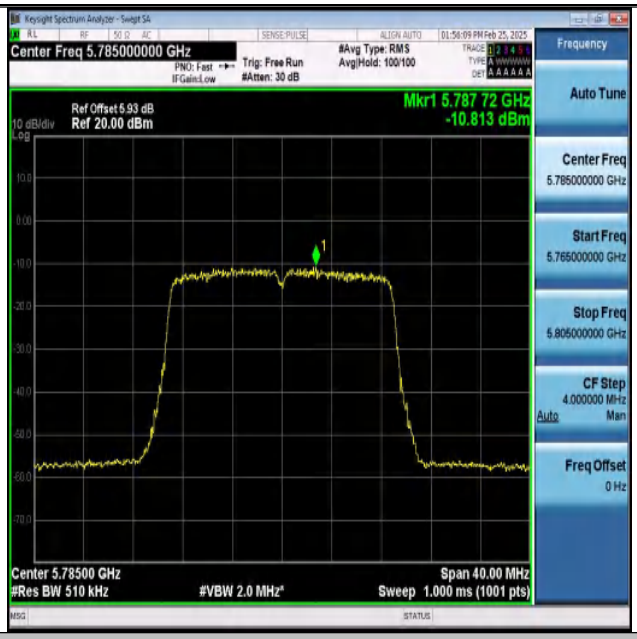
11N40MIMO-Ant2-5795-PASS



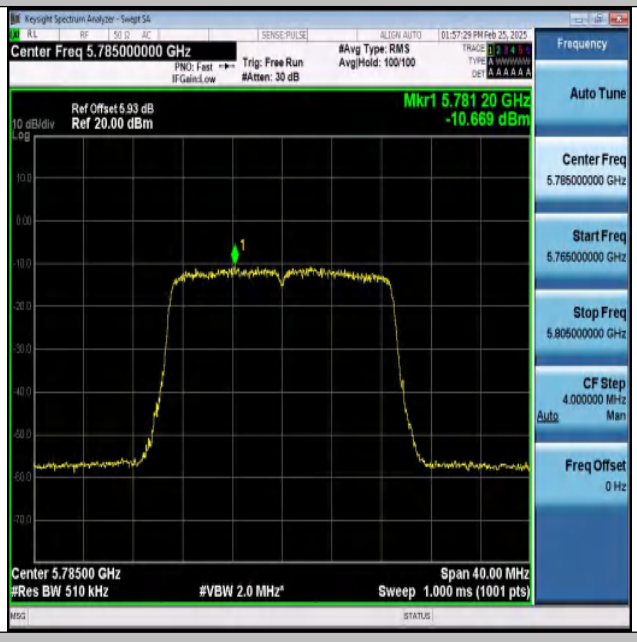
11AC20MIMO-Ant1-5745-PASS



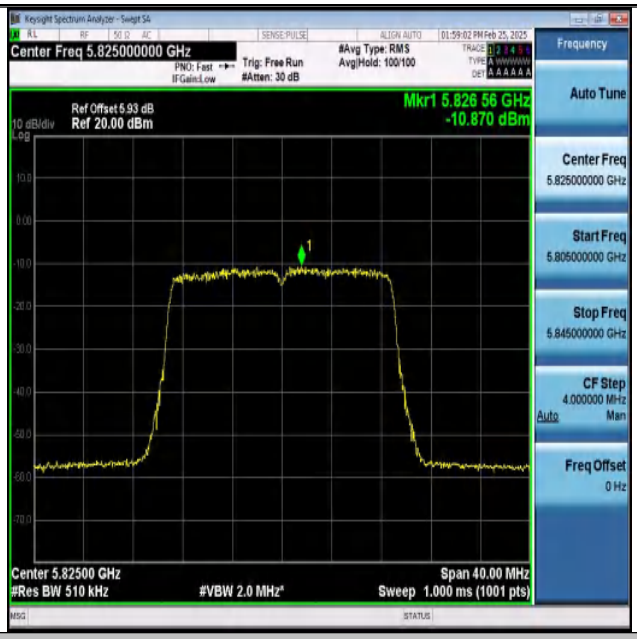
11AC20MIMO-Ant2-5745-PASS



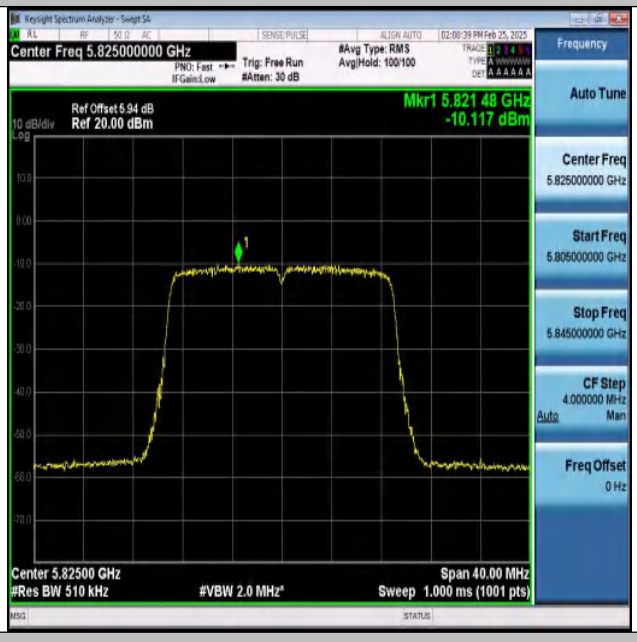
11AC20MIMO-Ant1-5785-PASS



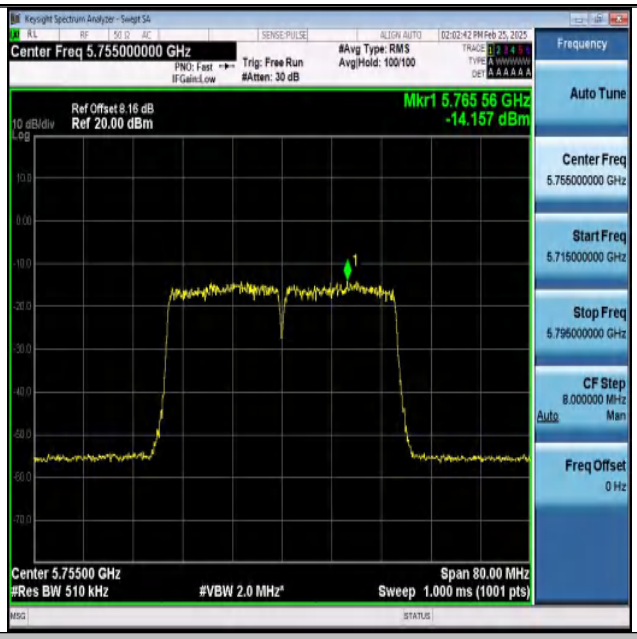
11AC20MIMO-Ant2-5785-PASS



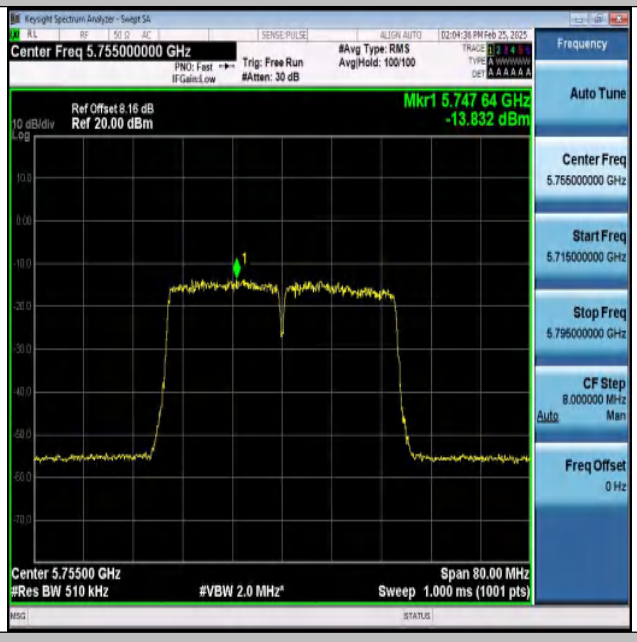
11AC20MIMO-Ant1-5825-PASS



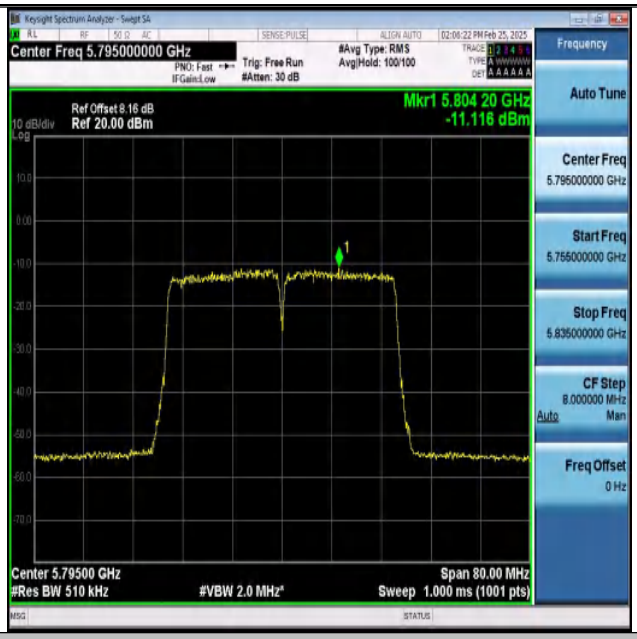
11AC20MIMO-Ant2-5825-PASS



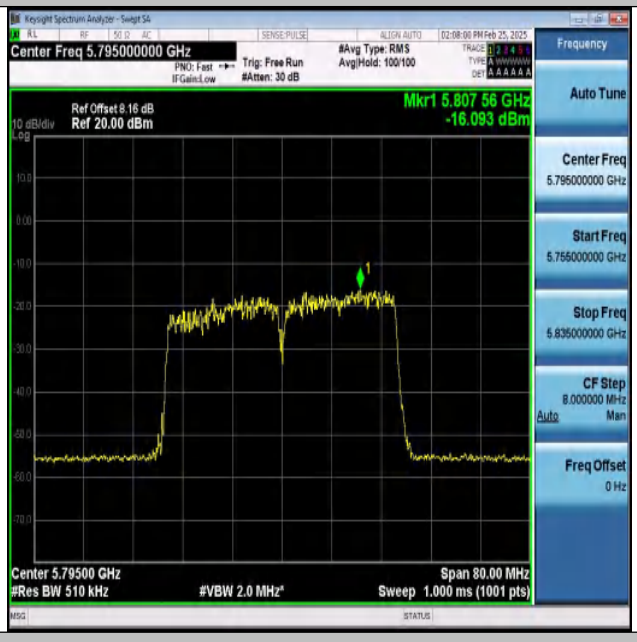
11AC40MIMO-Ant1-5755-PASS



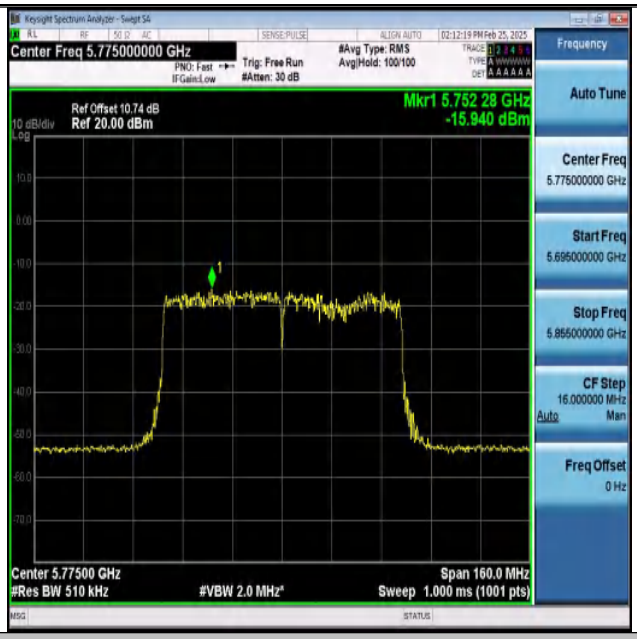
11AC40MIMO-Ant2-5755-PASS



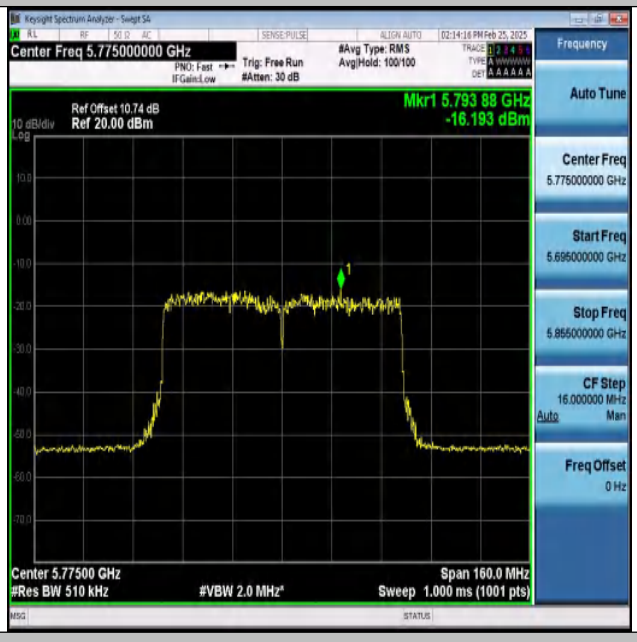
11AC40MIMO-Ant1-5795-PASS



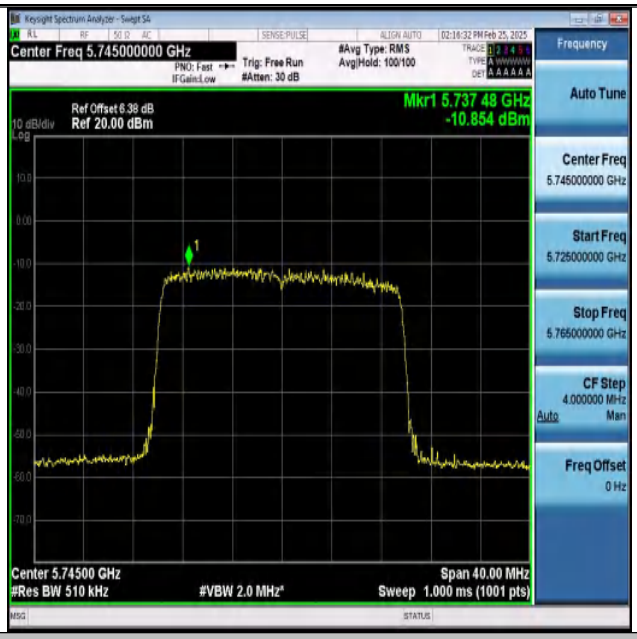
11AC40MIMO-Ant2-5795-PASS



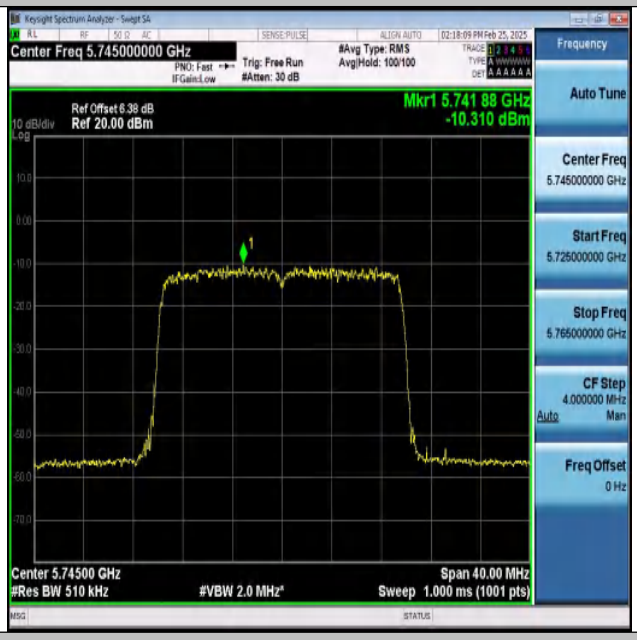
11AC80MIMO-Ant1-5775-PASS



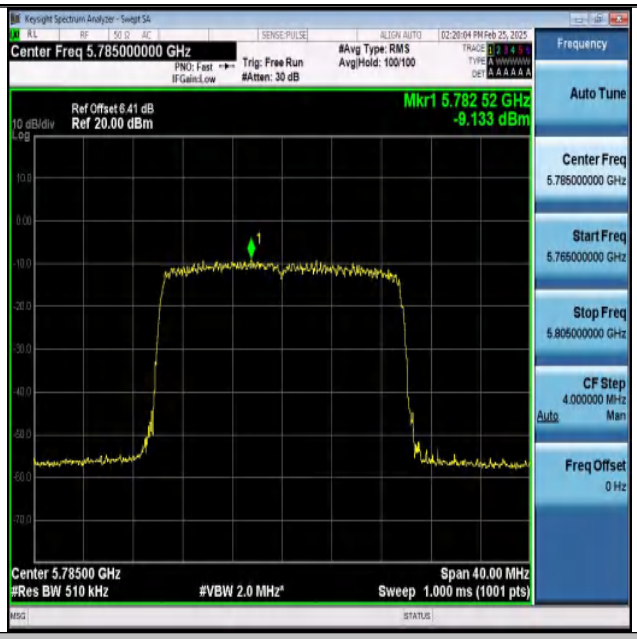
11AC80MIMO-Ant2-5775-PASS



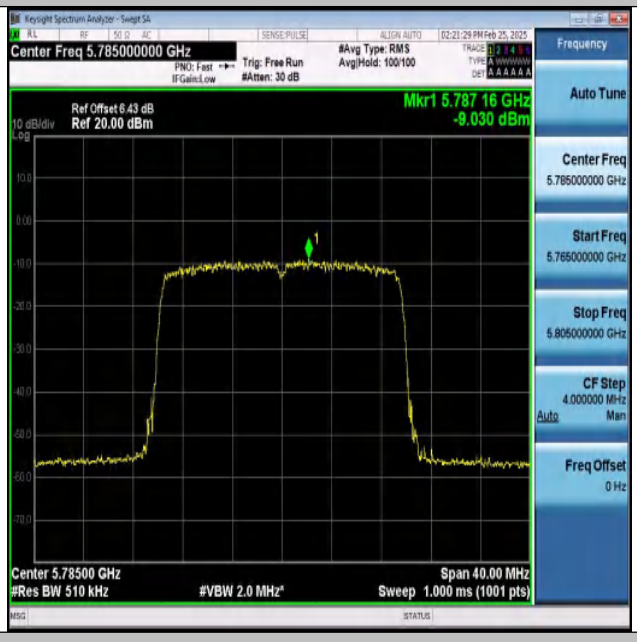
11AX20MIMO-Ant1-5745-PASS



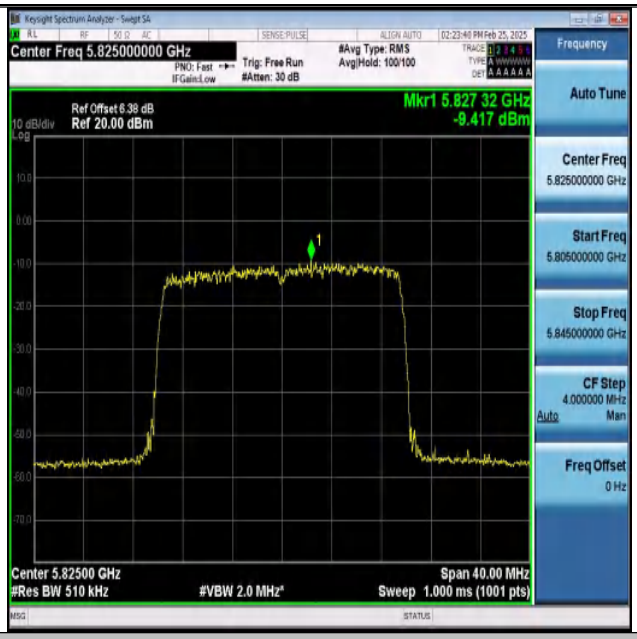
11AX20MIMO-Ant2-5745-PASS



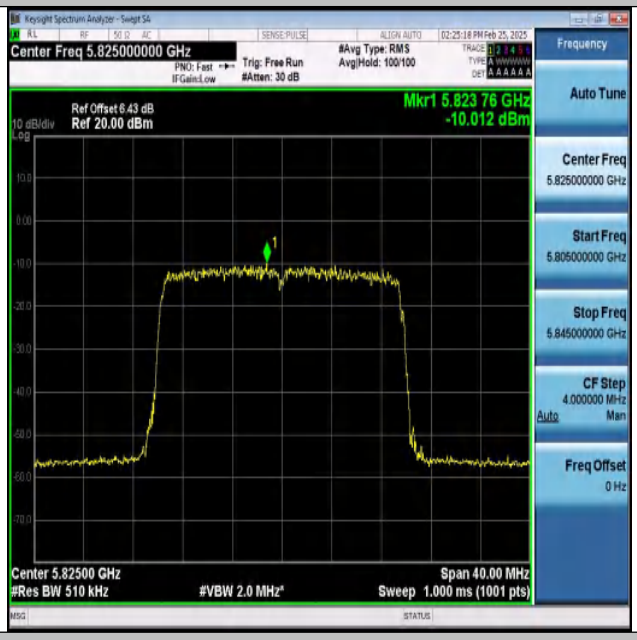
11AX20MIMO-Ant1-5785-PASS



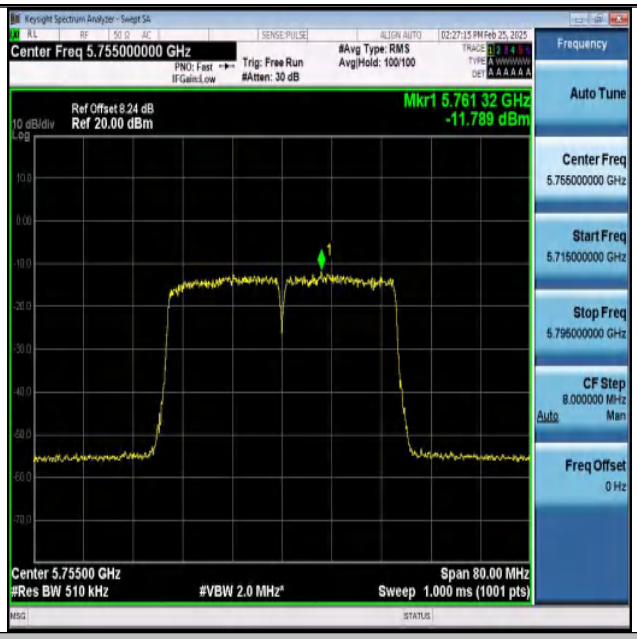
11AX20MIMO-Ant2-5785-PASS



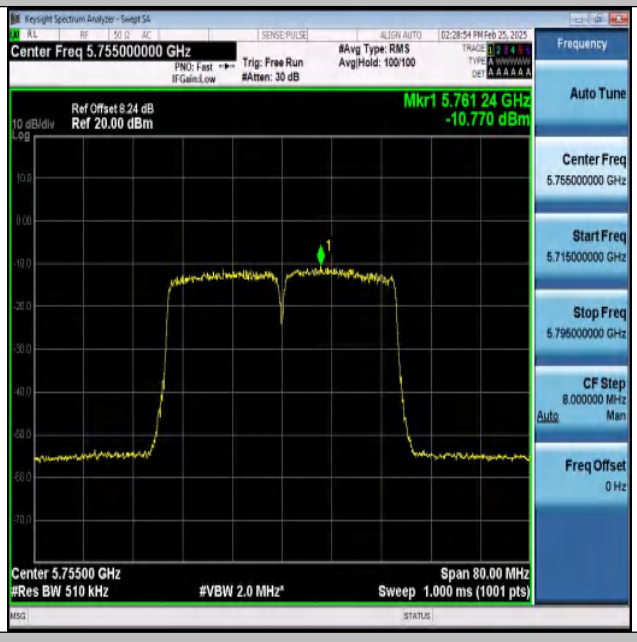
11AX20MIMO-Ant1-5825-PASS



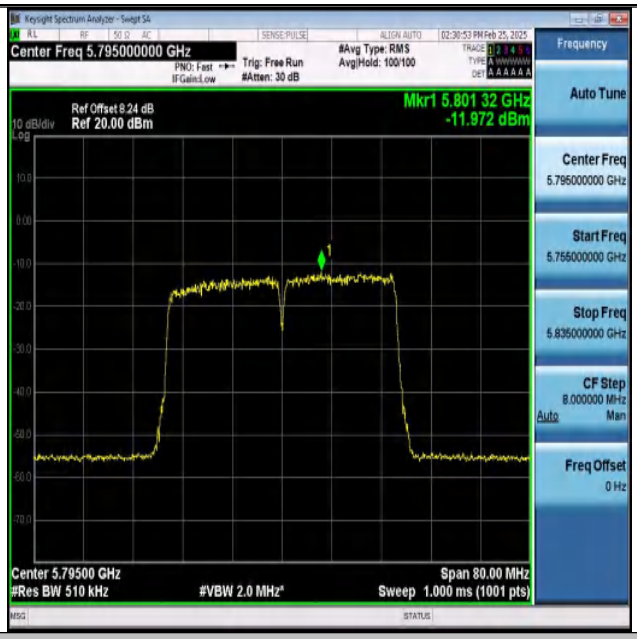
11AX20MIMO-Ant2-5825-PASS



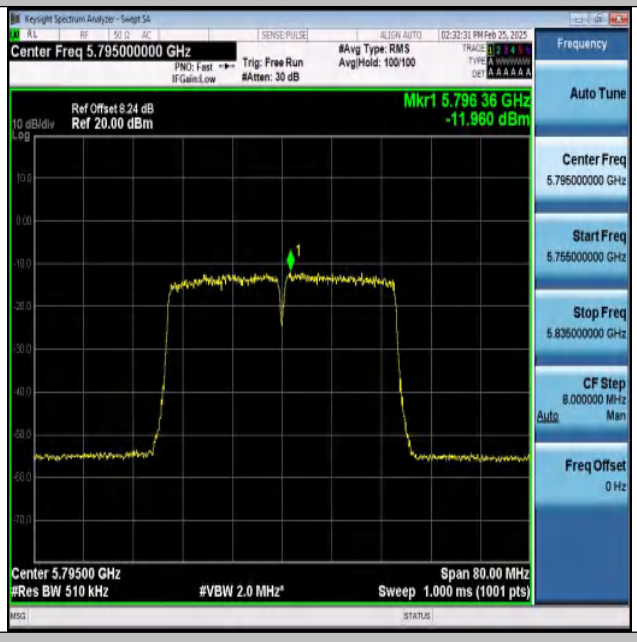
11AX40MIMO-Ant1-5755-PASS



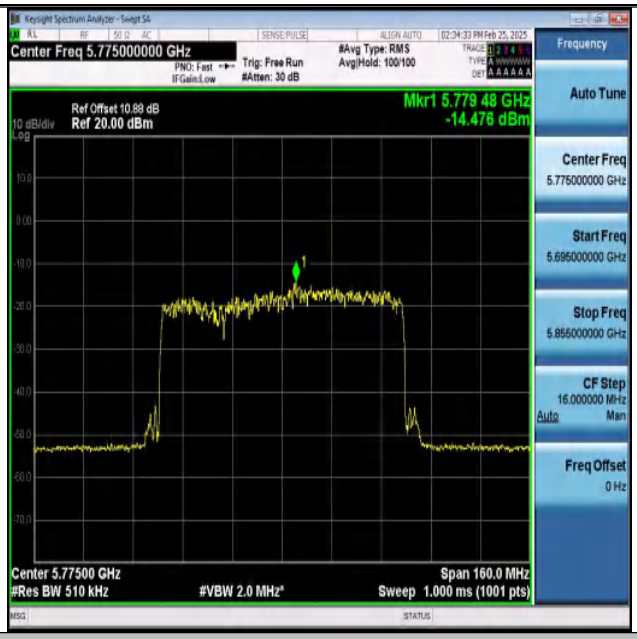
11AX40MIMO-Ant2-5755-PASS



11AX40MIMO-Ant1-5795-PASS



11AX40MIMO-Ant2-5795-PASS



11AX80MIMO-Ant1-5775-PASS

11AX80MIMO-Ant2-5775-PASS

---End---