

11AC20MIMO	Ant1	5580	11.20	98.47	0.07	11.27	≤23.98	PASS
11AC20MIMO	Ant2	5580	11.79	98.47	0.07	11.86	≤23.98	PASS
11AC20MIMO	total	5580	---	---	---	14.59	≤23.57	PASS
11AC20MIMO	Ant1	5700	12.23	98.47	0.07	12.30	≤23.98	PASS
11AC20MIMO	Ant2	5700	11.88	98.47	0.07	11.95	≤23.98	PASS
11AC20MIMO	total	5700	---	---	---	15.14	≤23.57	PASS
11AC20MIMO	Ant1	5745	12.36	98.98	0.04	12.40	≤30.00	PASS
11AC20MIMO	Ant2	5745	11.97	98.47	0.07	12.04	≤30.00	PASS
11AC20MIMO	total	5745	---	---	---	15.23	≤29.59	PASS
11AC20MIMO	Ant1	5785	11.92	98.47	0.07	11.99	≤30.00	PASS
11AC20MIMO	Ant2	5785	11.82	98.47	0.07	11.89	≤30.00	PASS
11AC20MIMO	total	5785	---	---	---	14.95	≤29.59	PASS
11AC20MIMO	Ant1	5825	12.22	98.47	0.07	12.29	≤30.00	PASS
11AC20MIMO	Ant2	5825	12.01	98.47	0.07	12.08	≤30.00	PASS
11AC20MIMO	total	5825	---	---	---	15.20	≤29.59	PASS
11AC40MIMO	Ant1	5190	13.51	49.22	3.08	16.59	≤23.98	PASS
11AC40MIMO	Ant2	5190	15.13	96.94	0.13	15.26	≤23.98	PASS
11AC40MIMO	total	5190	---	---	---	18.99	≤23.57	PASS
11AC40MIMO	Ant1	5230	15.75	96.94	0.13	15.88	≤23.98	PASS
11AC40MIMO	Ant2	5230	15.48	96.94	0.13	15.61	≤23.98	PASS
11AC40MIMO	total	5230	---	---	---	18.76	≤23.57	PASS
11AC40MIMO	Ant1	5270	12.85	96.94	0.13	12.98	≤23.98	PASS
11AC40MIMO	Ant2	5270	11.47	96.94	0.13	11.60	≤23.98	PASS
11AC40MIMO	total	5270	---	---	---	15.35	≤23.57	PASS
11AC40MIMO	Ant1	5310	13.01	96.94	0.13	13.14	≤23.98	PASS
11AC40MIMO	Ant2	5310	10.58	96.94	0.13	10.71	≤23.98	PASS
11AC40MIMO	total	5310	---	---	---	15.10	≤23.57	PASS
11AC40MIMO	Ant1	5510	12.47	96.94	0.13	12.60	≤23.98	PASS
11AC40MIMO	Ant2	5510	11.99	96.94	0.13	12.12	≤23.98	PASS
11AC40MIMO	total	5510	---	---	---	15.38	≤23.57	PASS
11AC40MIMO	Ant1	5550	12.49	96.94	0.13	12.62	≤23.98	PASS
11AC40MIMO	Ant2	5550	12.32	96.94	0.13	12.45	≤23.98	PASS
11AC40MIMO	total	5550	---	---	---	15.55	≤23.57	PASS
11AC40MIMO	Ant1	5670	13.66	96.94	0.13	13.79	≤23.98	PASS
11AC40MIMO	Ant2	5670	13.30	96.94	0.13	13.43	≤23.98	PASS
11AC40MIMO	total	5670	---	---	---	16.62	≤23.57	PASS
11AC40MIMO	Ant1	5755	13.87	96.94	0.13	14.00	≤30.00	PASS
11AC40MIMO	Ant2	5755	13.36	96.94	0.13	13.49	≤30.00	PASS
11AC40MIMO	total	5755	---	---	---	16.76	≤29.59	PASS
11AC40MIMO	Ant1	5795	13.61	96.94	0.13	13.74	≤30.00	PASS
11AC40MIMO	Ant2	5795	13.36	96.94	0.13	13.49	≤30.00	PASS
11AC40MIMO	total	5795	---	---	---	16.63	≤29.59	PASS
11AC80MIMO	Ant1	5210	14.69	93.88	0.27	14.96	≤23.98	PASS
11AC80MIMO	Ant2	5210	14.80	93.88	0.27	15.07	≤23.98	PASS
11AC80MIMO	total	5210	---	---	---	18.03	≤23.57	PASS
11AC80MIMO	Ant1	5290	13.57	93.88	0.27	13.84	≤23.98	PASS
11AC80MIMO	Ant2	5290	11.70	93.88	0.27	11.97	≤23.98	PASS
11AC80MIMO	total	5290	---	---	---	16.02	≤23.57	PASS
11AC80MIMO	Ant1	5530	12.15	93.88	0.27	12.42	≤23.98	PASS
11AC80MIMO	Ant2	5530	12.27	93.88	0.27	12.54	≤23.98	PASS
11AC80MIMO	total	5530	---	---	---	15.49	≤23.57	PASS
11AC80MIMO	Ant1	5610	12.05	93.88	0.27	12.32	≤23.98	PASS
11AC80MIMO	Ant2	5610	12.55	93.88	0.27	12.82	≤23.98	PASS
11AC80MIMO	total	5610	---	---	---	15.59	≤23.57	PASS
11AC80MIMO	Ant1	5775	13.27	93.88	0.27	13.54	≤30.00	PASS
11AC80MIMO	Ant2	5775	12.72	93.88	0.27	12.99	≤30.00	PASS
11AC80MIMO	total	5775	---	---	---	16.28	≤29.59	PASS

11AX20MIMO	Ant1	5180	13.01	98.03	0.09	13.10	≤23.98	PASS
11AX20MIMO	Ant2	5180	13.44	98.03	0.09	13.53	≤23.98	PASS
11AX20MIMO	total	5180	---	---	---	16.33	≤23.57	PASS
11AX20MIMO	Ant1	5200	13.02	98.03	0.09	13.11	≤23.98	PASS
11AX20MIMO	Ant2	5200	13.62	98.03	0.09	13.71	≤23.98	PASS
11AX20MIMO	total	5200	---	---	---	16.43	≤23.57	PASS
11AX20MIMO	Ant1	5240	13.59	98.03	0.09	13.68	≤23.98	PASS
11AX20MIMO	Ant2	5240	13.67	98.03	0.09	13.76	≤23.98	PASS
11AX20MIMO	total	5240	---	---	---	16.73	≤23.57	PASS
11AX20MIMO	Ant1	5260	12.25	98.03	0.09	12.34	≤23.98	PASS
11AX20MIMO	Ant2	5260	10.23	98.03	0.09	10.32	≤23.98	PASS
11AX20MIMO	total	5260	---	---	---	14.46	≤23.57	PASS
11AX20MIMO	Ant1	5300	11.63	98.03	0.09	11.72	≤23.98	PASS
11AX20MIMO	Ant2	5300	9.70	98.03	0.09	9.79	≤23.98	PASS
11AX20MIMO	total	5300	---	---	---	13.87	≤23.57	PASS
11AX20MIMO	Ant1	5320	11.53	98.03	0.09	11.62	≤23.98	PASS
11AX20MIMO	Ant2	5320	9.03	98.03	0.09	9.12	≤23.98	PASS
11AX20MIMO	total	5320	---	---	---	13.56	≤23.57	PASS
11AX20MIMO	Ant1	5500	11.09	98.03	0.09	11.18	≤23.98	PASS
11AX20MIMO	Ant2	5500	10.51	98.01	0.09	10.60	≤23.98	PASS
11AX20MIMO	total	5500	---	---	---	13.91	≤23.57	PASS
11AX20MIMO	Ant1	5580	11.51	98.01	0.09	11.60	≤23.98	PASS
11AX20MIMO	Ant2	5580	11.32	98.03	0.09	11.41	≤23.98	PASS
11AX20MIMO	total	5580	---	---	---	14.52	≤23.57	PASS
11AX20MIMO	Ant1	5700	12.40	98.03	0.09	12.49	≤23.98	PASS
11AX20MIMO	Ant2	5700	11.95	98.03	0.09	12.04	≤23.98	PASS
11AX20MIMO	total	5700	---	---	---	15.28	≤23.57	PASS
11AX20MIMO	Ant1	5745	14.80	98.03	0.09	14.89	≤30.00	PASS
11AX20MIMO	Ant2	5745	14.29	98.03	0.09	14.38	≤30.00	PASS
11AX20MIMO	total	5745	---	---	---	17.65	≤29.59	PASS
11AX20MIMO	Ant1	5785	12.17	98.03	0.09	12.26	≤30.00	PASS
11AX20MIMO	Ant2	5785	11.87	98.01	0.09	11.96	≤30.00	PASS
11AX20MIMO	total	5785	---	---	---	15.12	≤29.59	PASS
11AX20MIMO	Ant1	5825	12.21	98.03	0.09	12.30	≤30.00	PASS
11AX20MIMO	Ant2	5825	11.87	98.03	0.09	11.96	≤30.00	PASS
11AX20MIMO	total	5825	---	---	---	15.14	≤29.59	PASS
11AX40MIMO	Ant1	5190	15.09	96.25	0.17	15.26	≤23.98	PASS
11AX40MIMO	Ant2	5190	15.29	96.25	0.17	15.46	≤23.98	PASS
11AX40MIMO	total	5190	---	---	---	18.37	≤23.57	PASS
11AX40MIMO	Ant1	5230	15.93	96.25	0.17	16.10	≤23.98	PASS
11AX40MIMO	Ant2	5230	15.28	96.25	0.17	15.45	≤23.98	PASS
11AX40MIMO	total	5230	---	---	---	18.80	≤23.57	PASS
11AX40MIMO	Ant1	5270	13.18	96.25	0.17	13.35	≤23.98	PASS
11AX40MIMO	Ant2	5270	11.43	96.25	0.17	11.60	≤23.98	PASS
11AX40MIMO	total	5270	---	---	---	15.57	≤23.57	PASS
11AX40MIMO	Ant1	5310	13.16	96.25	0.17	13.33	≤23.98	PASS
11AX40MIMO	Ant2	5310	10.63	96.25	0.17	10.80	≤23.98	PASS
11AX40MIMO	total	5310	---	---	---	15.26	≤23.57	PASS
11AX40MIMO	Ant1	5510	12.78	96.25	0.17	12.95	≤23.98	PASS
11AX40MIMO	Ant2	5510	11.98	96.25	0.17	12.15	≤23.98	PASS
11AX40MIMO	total	5510	---	---	---	15.58	≤23.57	PASS
11AX40MIMO	Ant1	5550	12.66	96.25	0.17	12.83	≤23.98	PASS
11AX40MIMO	Ant2	5550	12.56	96.25	0.17	12.73	≤23.98	PASS
11AX40MIMO	total	5550	---	---	---	15.79	≤23.57	PASS
11AX40MIMO	Ant1	5670	13.87	96.25	0.17	14.04	≤23.98	PASS
11AX40MIMO	Ant2	5670	13.37	96.25	0.17	13.54	≤23.98	PASS
11AX40MIMO	total	5670	---	---	---	16.81	≤23.57	PASS

11AX40MIMO	Ant1	5755	13.95	96.25	0.17	14.12	≤30.00	PASS
11AX40MIMO	Ant2	5755	13.36	96.25	0.17	13.53	≤30.00	PASS
11AX40MIMO	total	5755	---	---	---	16.85	≤29.59	PASS
11AX40MIMO	Ant1	5795	13.88	96.25	0.17	14.05	≤30.00	PASS
11AX40MIMO	Ant2	5795	13.54	96.25	0.17	13.71	≤30.00	PASS
11AX40MIMO	total	5795	---	---	---	16.89	≤29.59	PASS
11AX80MIMO	Ant1	5210	14.32	93.02	0.31	14.63	≤23.98	PASS
11AX80MIMO	Ant2	5210	14.73	93.02	0.31	15.04	≤23.98	PASS
11AX80MIMO	total	5210	---	---	---	17.85	≤23.57	PASS
11AX80MIMO	Ant1	5290	13.94	93.02	0.31	14.25	≤23.98	PASS
11AX80MIMO	Ant2	5290	12.10	93.02	0.31	12.41	≤23.98	PASS
11AX80MIMO	total	5290	---	---	---	16.44	≤23.57	PASS
11AX80MIMO	Ant1	5530	12.46	93.02	0.31	12.77	≤23.98	PASS
11AX80MIMO	Ant2	5530	12.67	93.02	0.31	12.98	≤23.98	PASS
11AX80MIMO	total	5530	---	---	---	15.89	≤23.57	PASS
11AX80MIMO	Ant1	5610	12.53	93.02	0.31	12.84	≤23.98	PASS
11AX80MIMO	Ant2	5610	12.37	93.02	0.31	12.68	≤23.98	PASS
11AX80MIMO	total	5610	---	---	---	15.77	≤23.57	PASS
11AX80MIMO	Ant1	5775	13.57	93.02	0.31	13.88	≤30.00	PASS
11AX80MIMO	Ant2	5775	13.06	93.02	0.31	13.37	≤30.00	PASS
11AX80MIMO	total	5775	---	---	---	16.64	≤29.59	PASS

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

For MIMO mode: Directional gain= $10 \times \log[(10^{3.38/20} + 10^{3.41/20})^2/2] = 6.41\text{dBi}$.

Total Limit = Limit-(6.41-6)

Test Graphs Channel Power

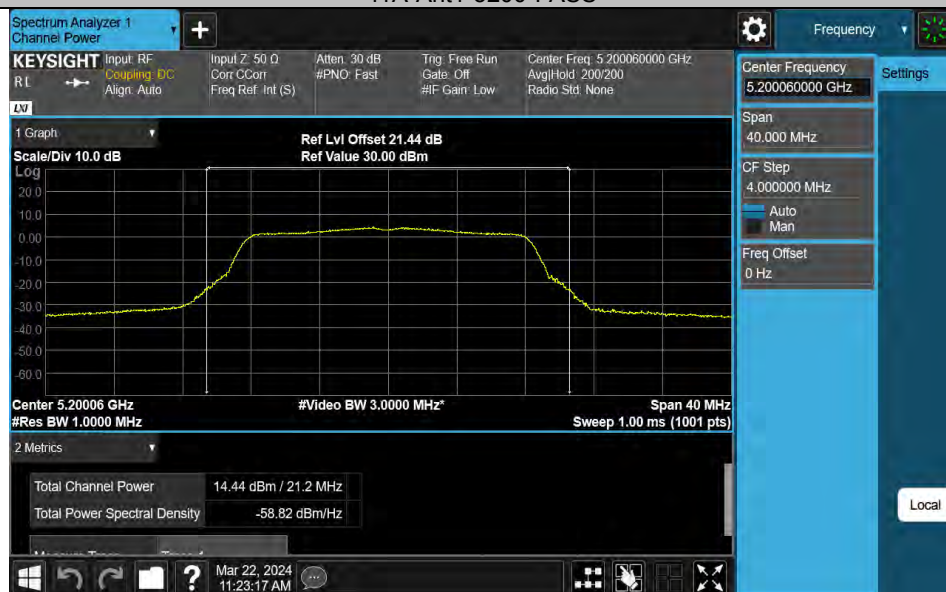
11A-Ant1-5180-PASS



11A-Ant2-5180-PASS



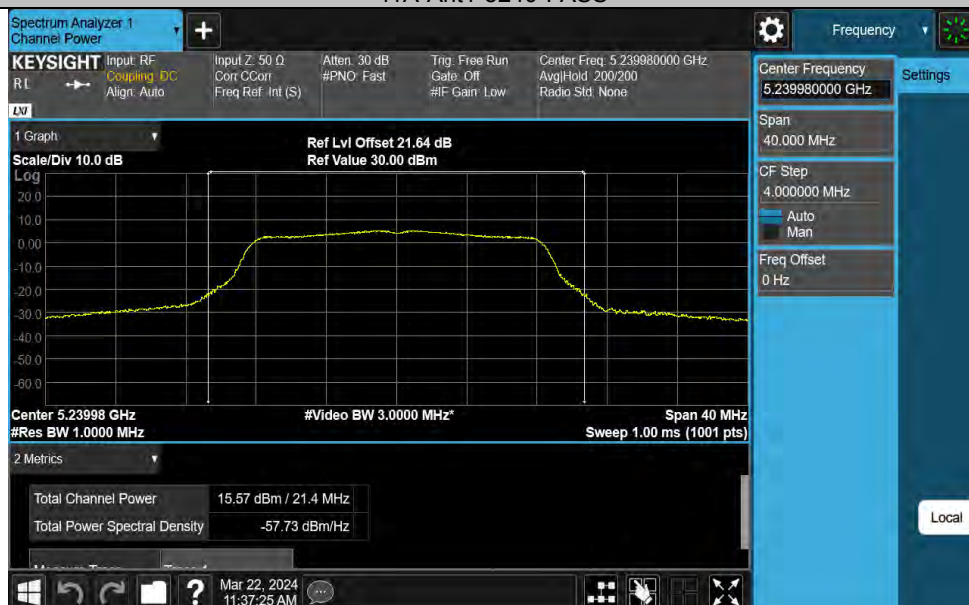
11A-Ant1-5200-PASS



11A-Ant2-5200-PASS



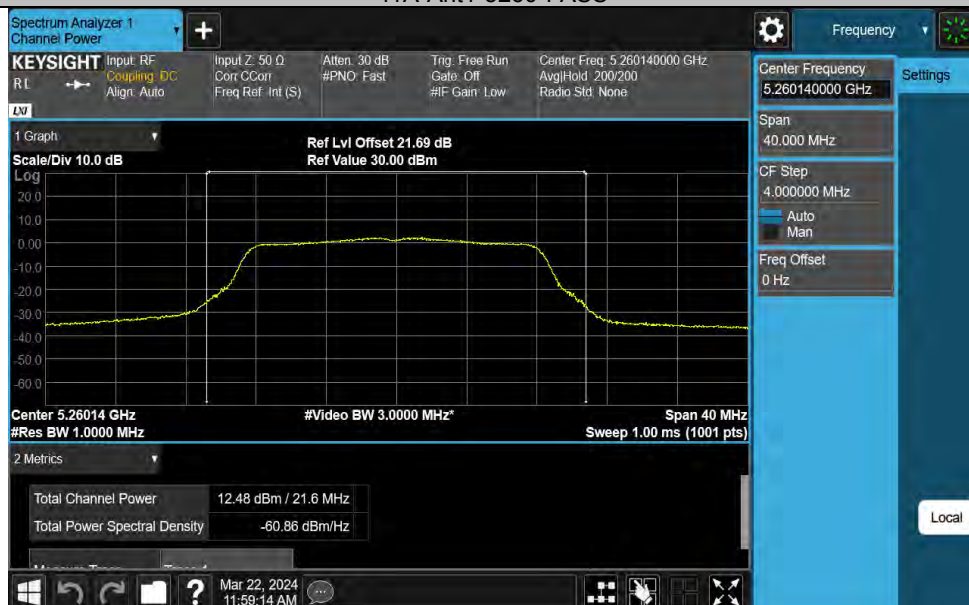
11A-Ant1-5240-PASS



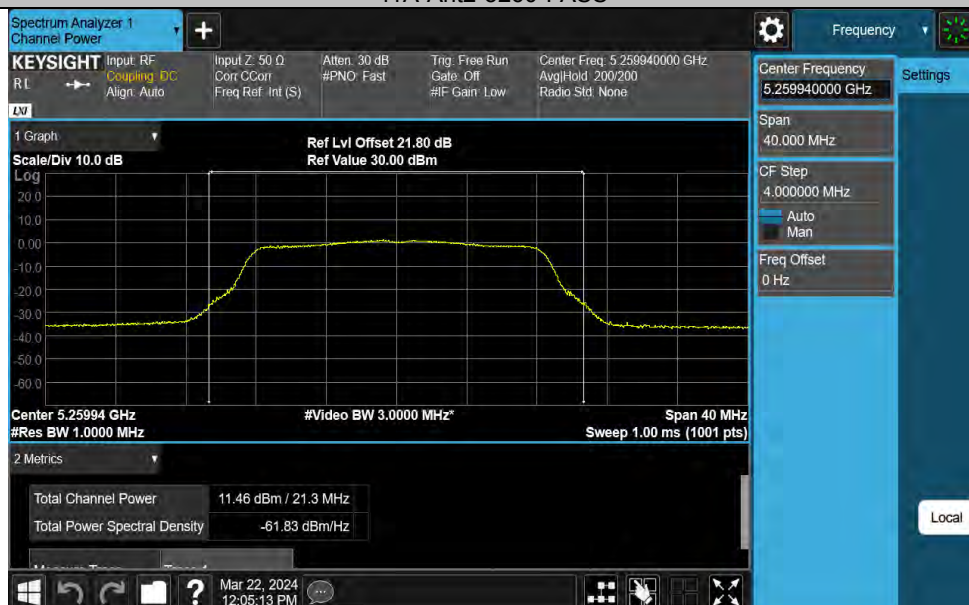
11A-Ant2-5240-PASS



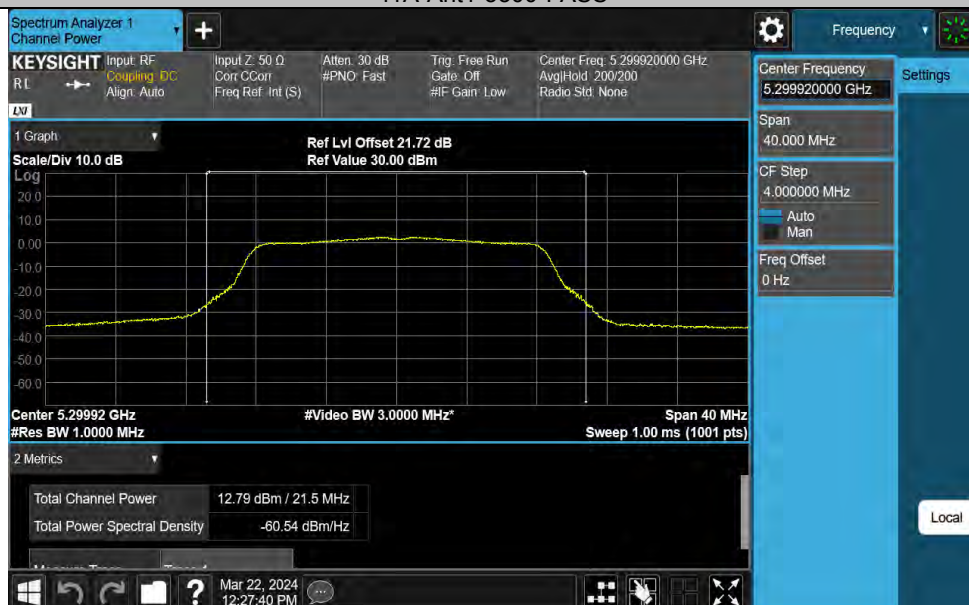
11A-Ant1-5260-PASS



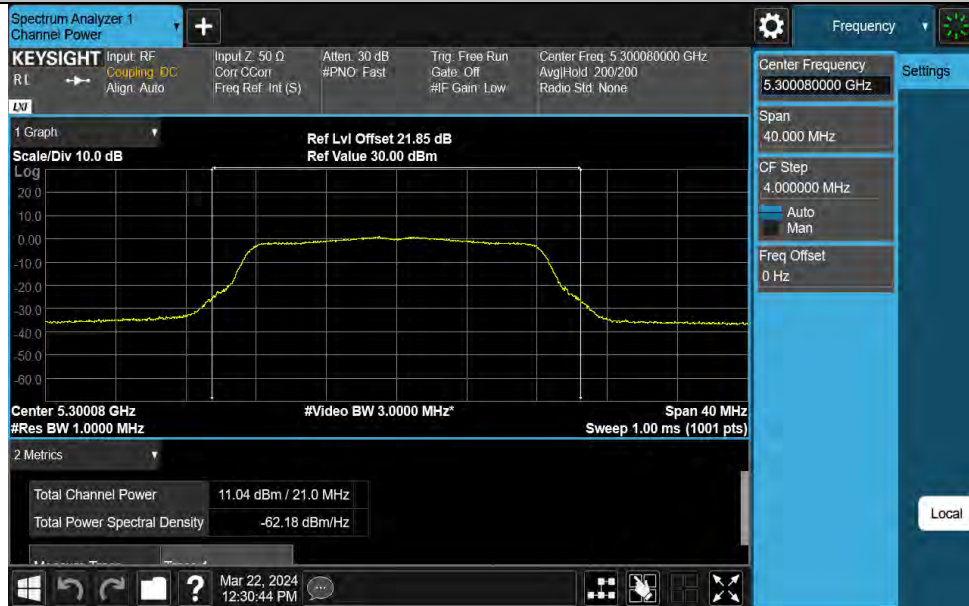
11A-Ant2-5260-PASS



11A-Ant1-5300-PASS



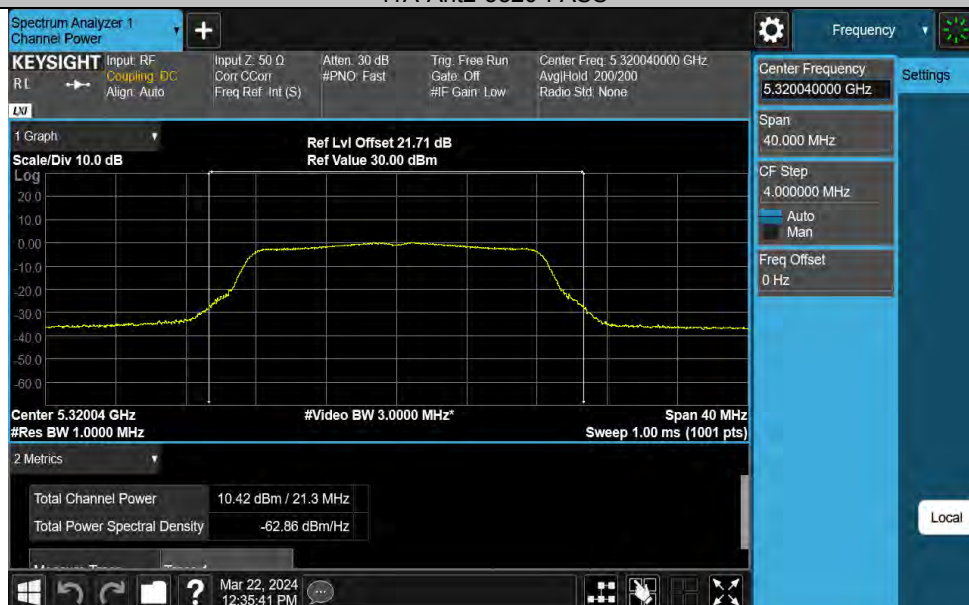
11A-Ant2-5300-PASS



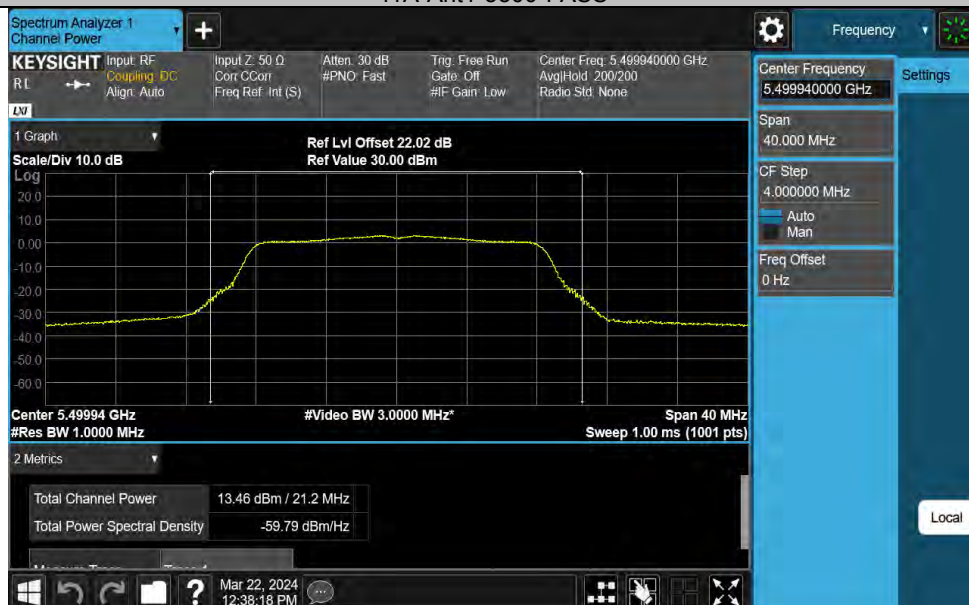
11A-Ant1-5320-PASS



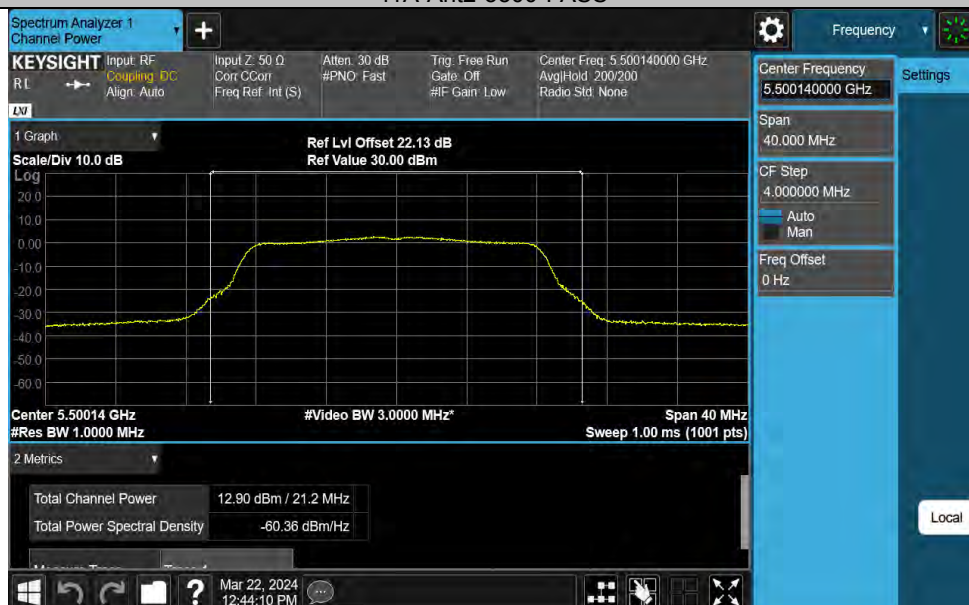
11A-Ant2-5320-PASS



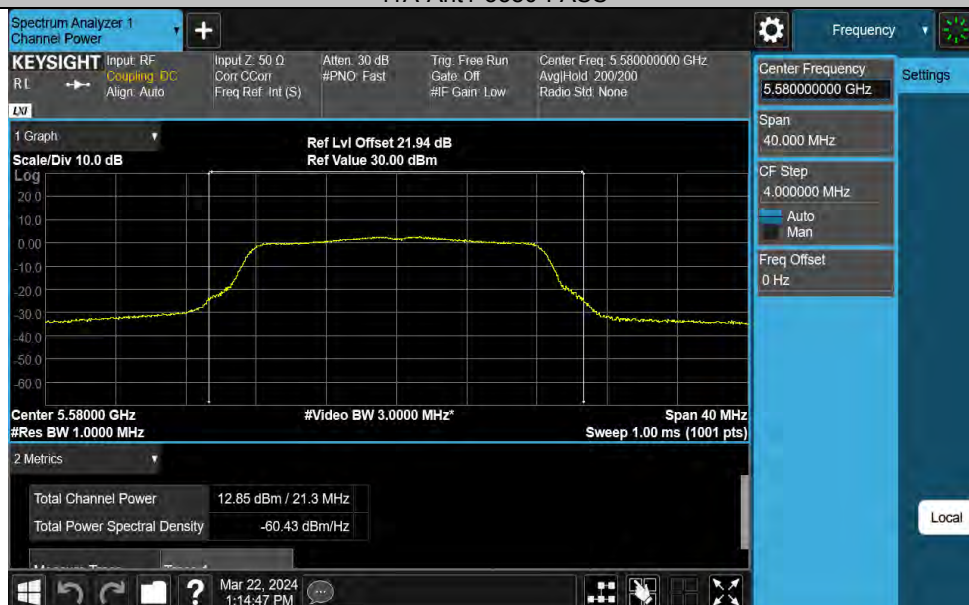
11A-Ant1-5500-PASS



11A-Ant2-5500-PASS



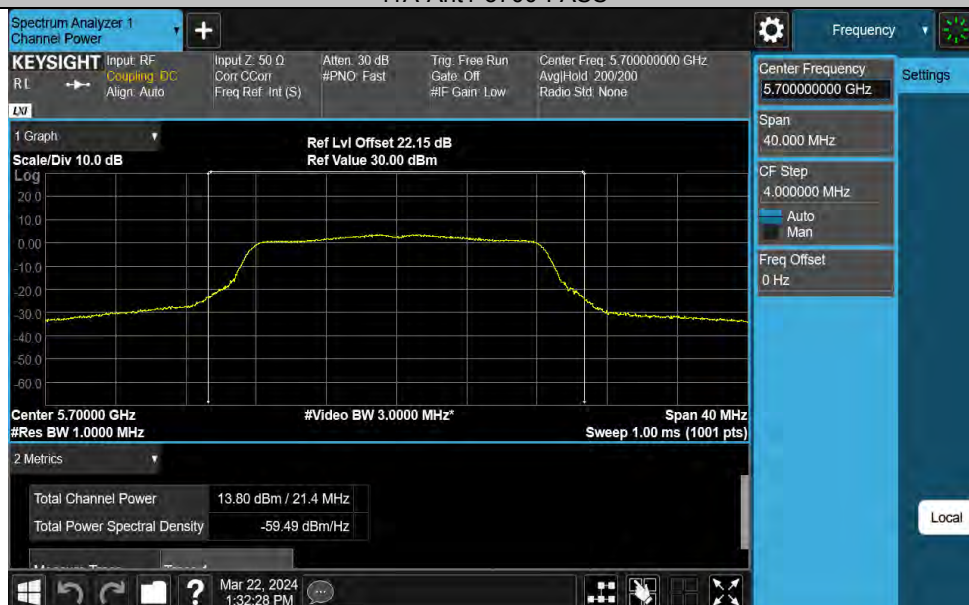
11A-Ant1-5580-PASS



11A-Ant2-5580-PASS



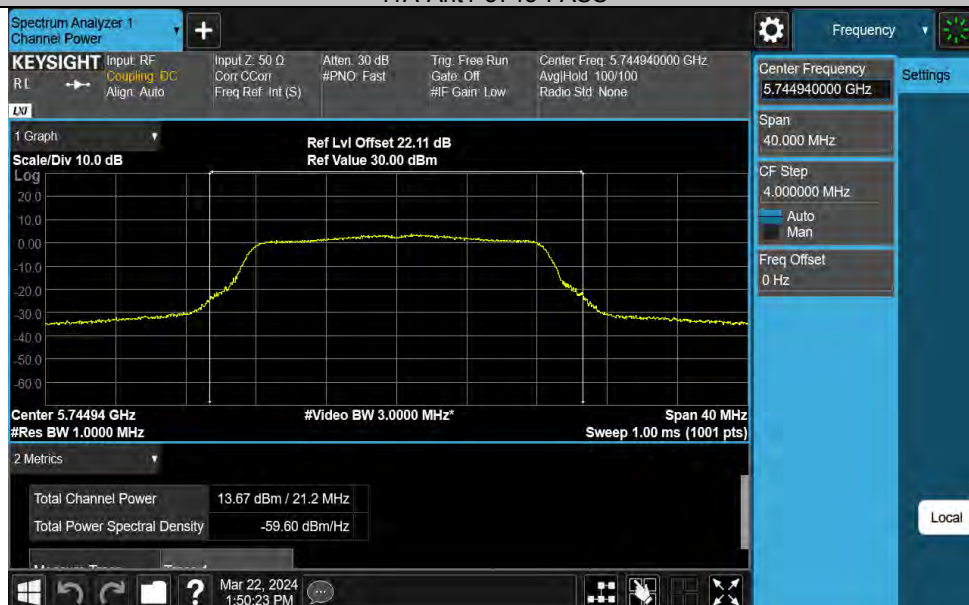
11A-Ant1-5700-PASS



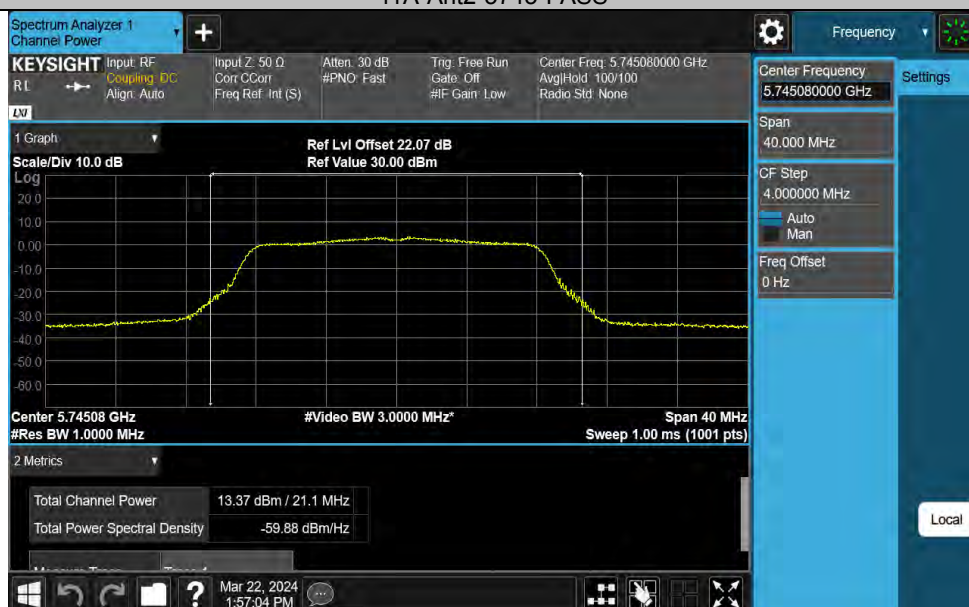
11A-Ant2-5700-PASS



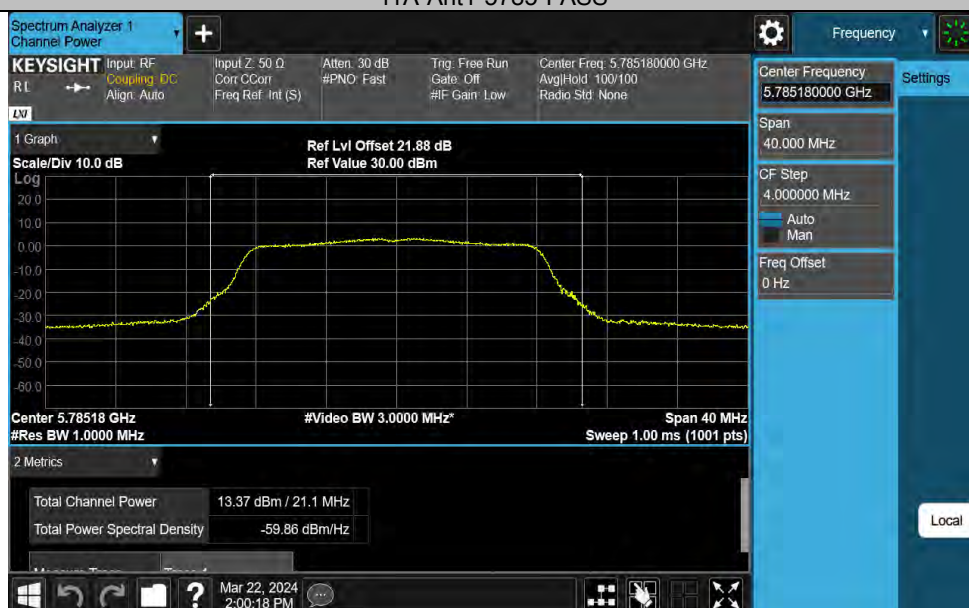
11A-Ant1-5745-PASS



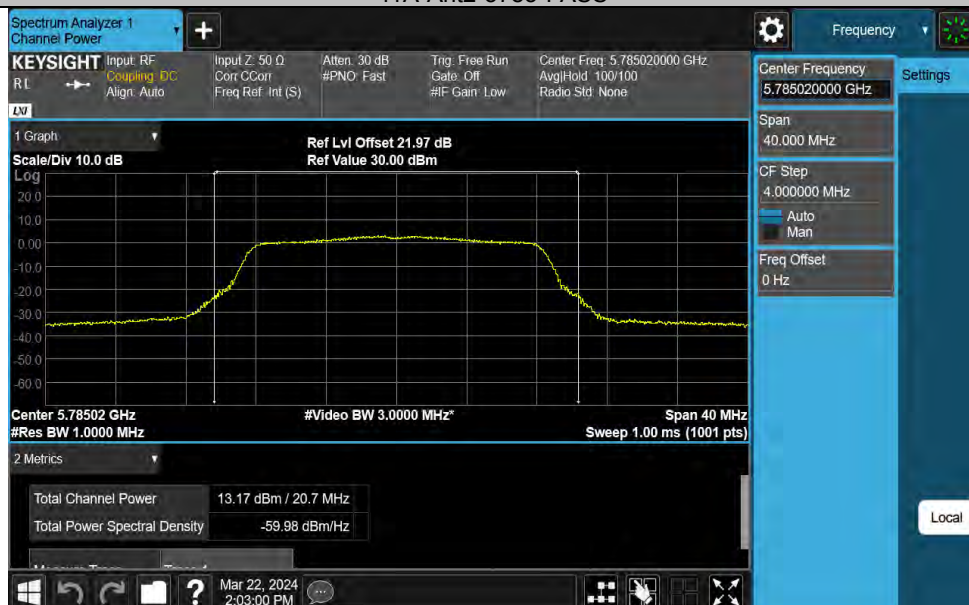
11A-Ant2-5745-PASS



11A-Ant1-5785-PASS



11A-Ant2-5785-PASS



11A-Ant1-5825-PASS



11A-Ant2-5825-PASS



11N20MIMO-Ant1-5180-PASS



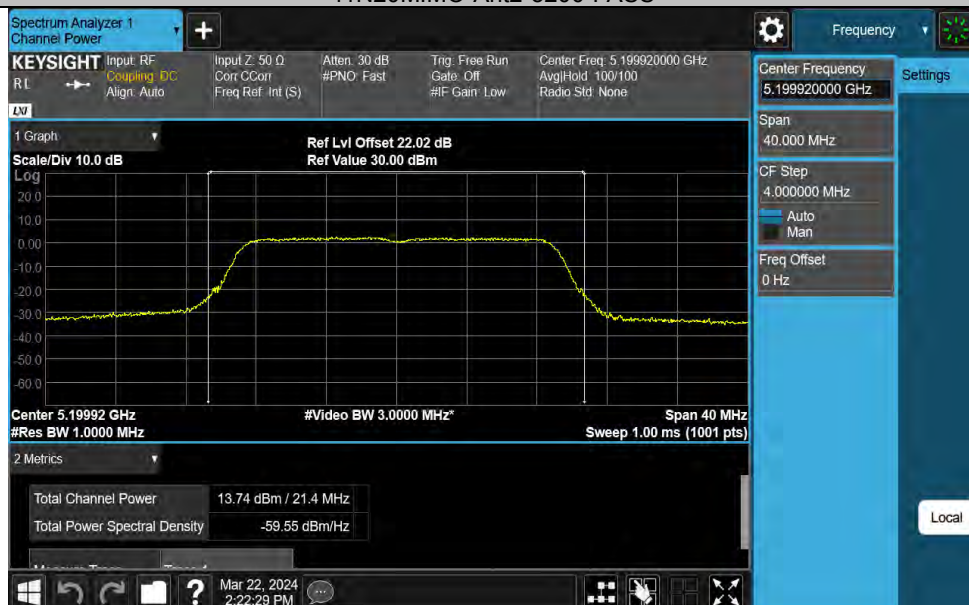
11N20MIMO-Ant2-5180-PASS



11N20MIMO-Ant1-5200-PASS



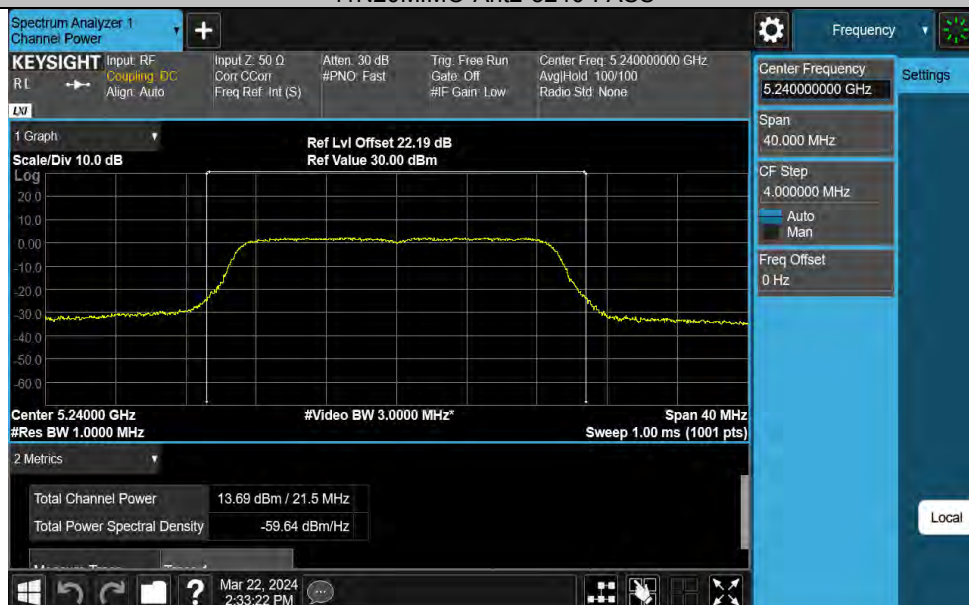
11N20MIMO-Ant2-5200-PASS



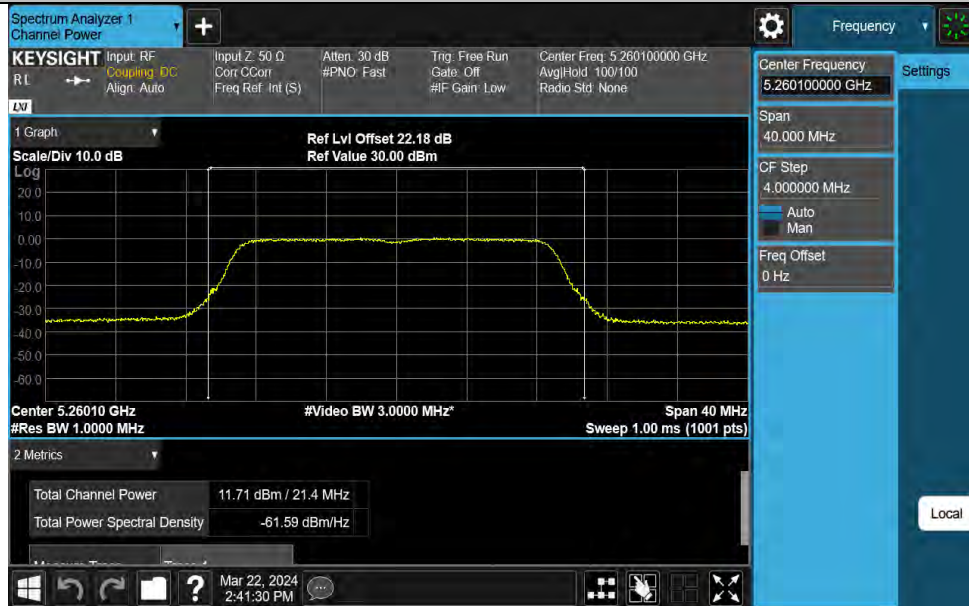
11N20MIMO-Ant1-5240-PASS



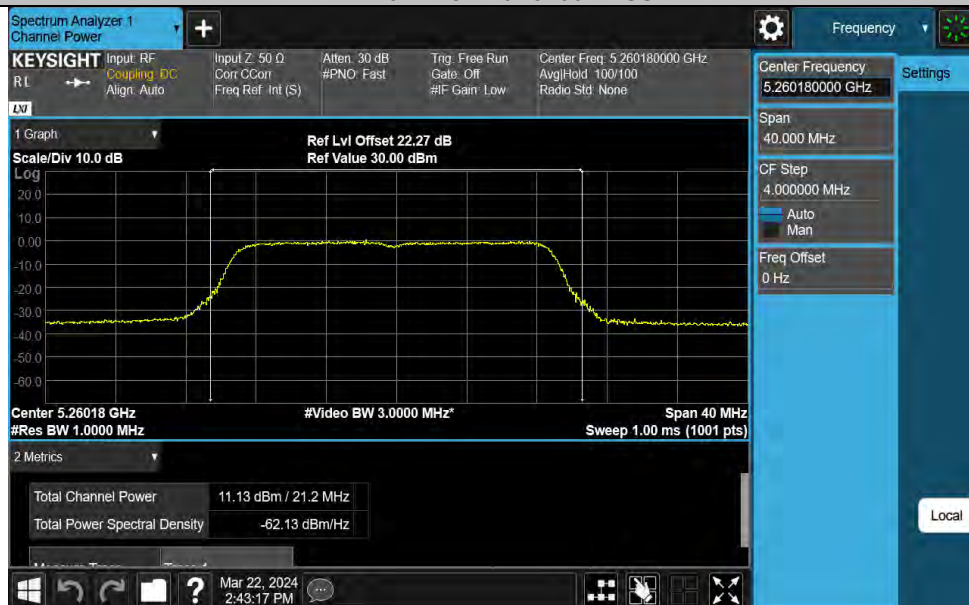
11N20MIMO-Ant2-5240-PASS



11N20MIMO-Ant1-5260-PASS



11N20MIMO-Ant2-5260-PASS



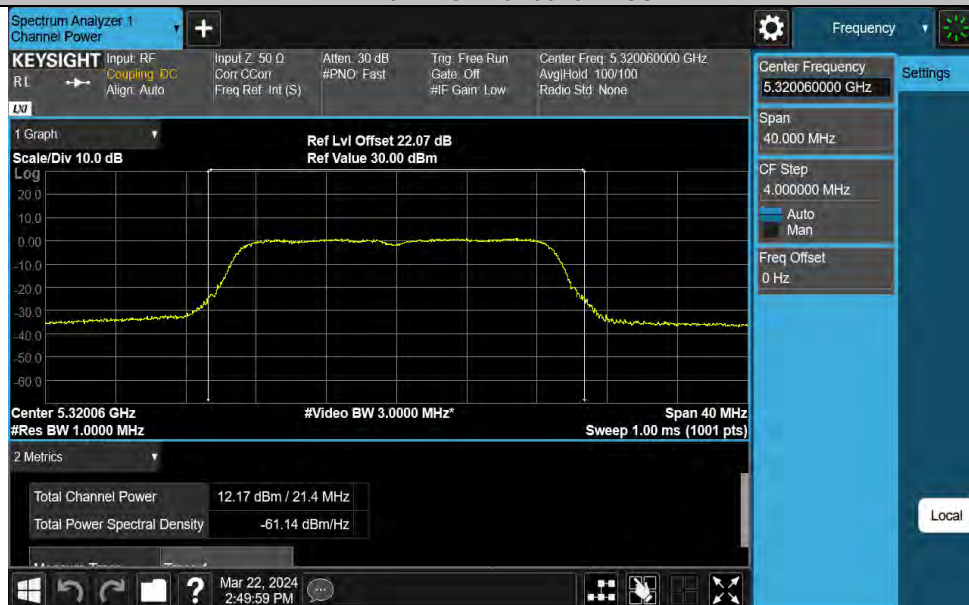
11N20MIMO-Ant1-5300-PASS



11N20MIMO-Ant2-5300-PASS



11N20MIMO-Ant1-5320-PASS



11N20MIMO-Ant2-5320-PASS



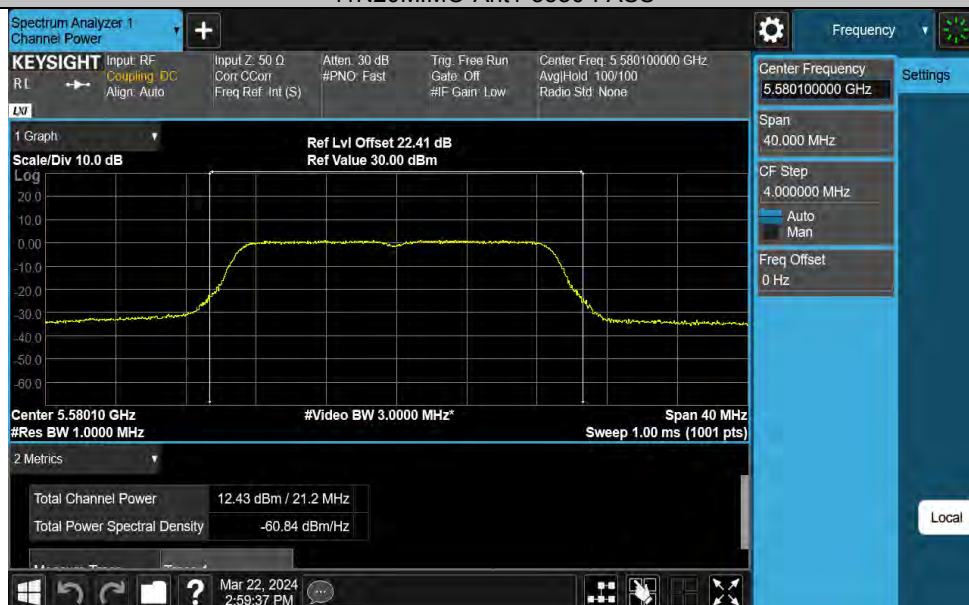
11N20MIMO-Ant1-5500-PASS



11N20MIMO-Ant2-5500-PASS



11N20MIMO-Ant1-5580-PASS



11N20MIMO-Ant2-5580-PASS



11N20MIMO-Ant1-5700-PASS



11N20MIMO-Ant2-5700-PASS



11N20MIMO-Ant1-5745-PASS



11N20MIMO-Ant2-5745-PASS



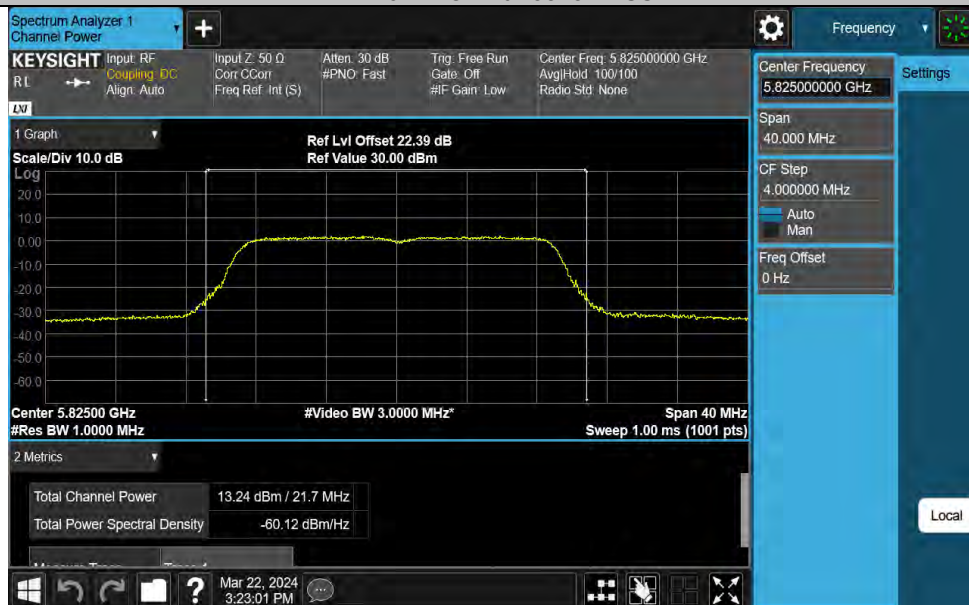
11N20MIMO-Ant1-5785-PASS



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-Ant1-5270-PASS



11N40MIMO-Ant2-5270-PASS



11N40MIMO-Ant1-5310-PASS



11N40MIMO-Ant2-5310-PASS



11N40MIMO-Ant1-5510-PASS



11N40MIMO-Ant2-5510-PASS



11N40MIMO-Ant1-5550-PASS



11N40MIMO-Ant2-5550-PASS



11N40MIMO-Ant1-5670-PASS



11N40MIMO-Ant2-5670-PASS



11N40MIMO-Ant1-5755-PASS



11N40MIMO-Ant2-5755-PASS



11N40MIMO-Ant1-5795-PASS



11N40MIMO-Ant2-5795-PASS



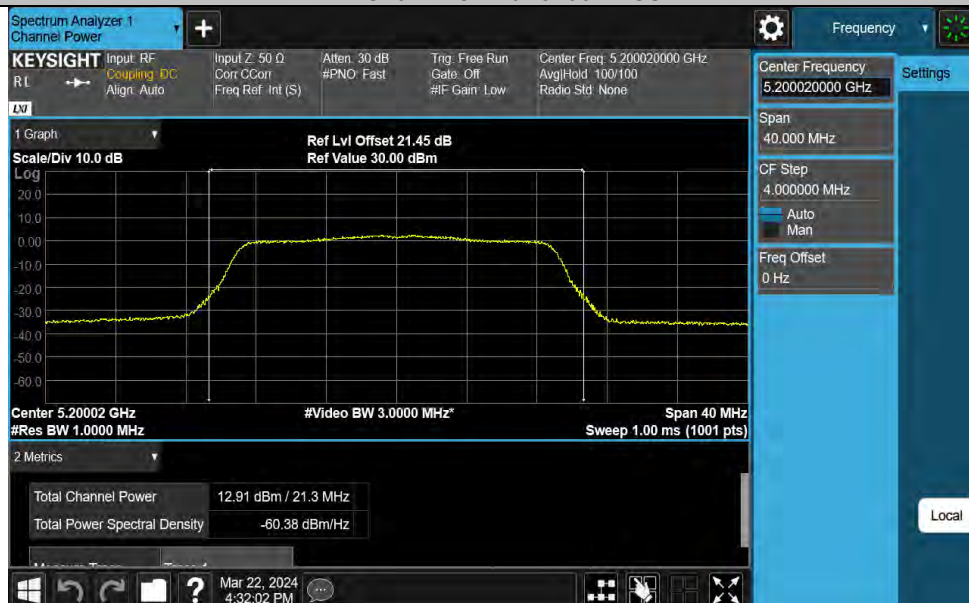
11AC20MIMO-Ant1-5180-PASS



11AC20MIMO-Ant2-5180-PASS



11AC20MIMO-Ant1-5200-PASS



11AC20MIMO-Ant2-5200-PASS



11AC20MIMO-Ant1-5240-PASS



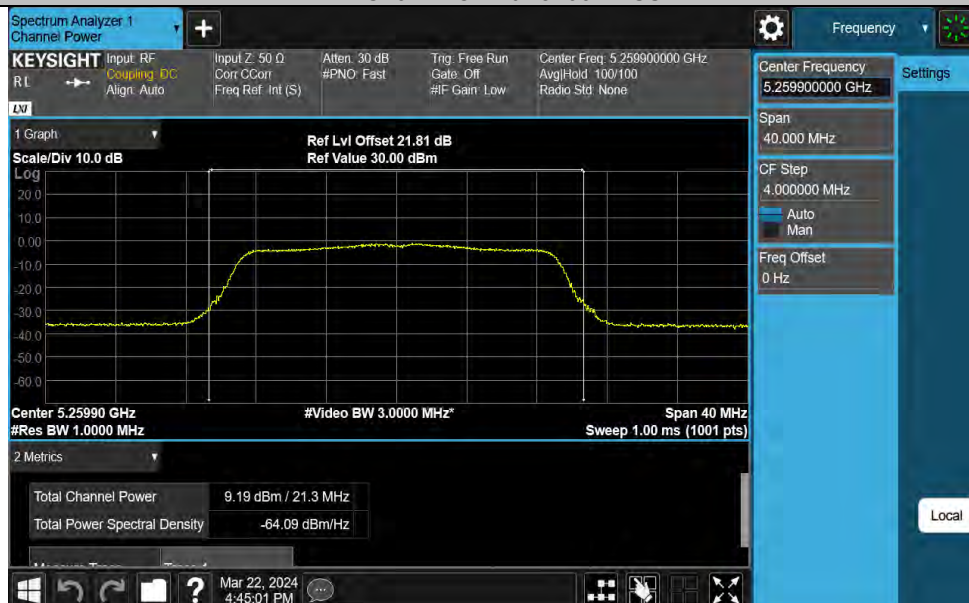
11AC20MIMO-Ant2-5240-PASS



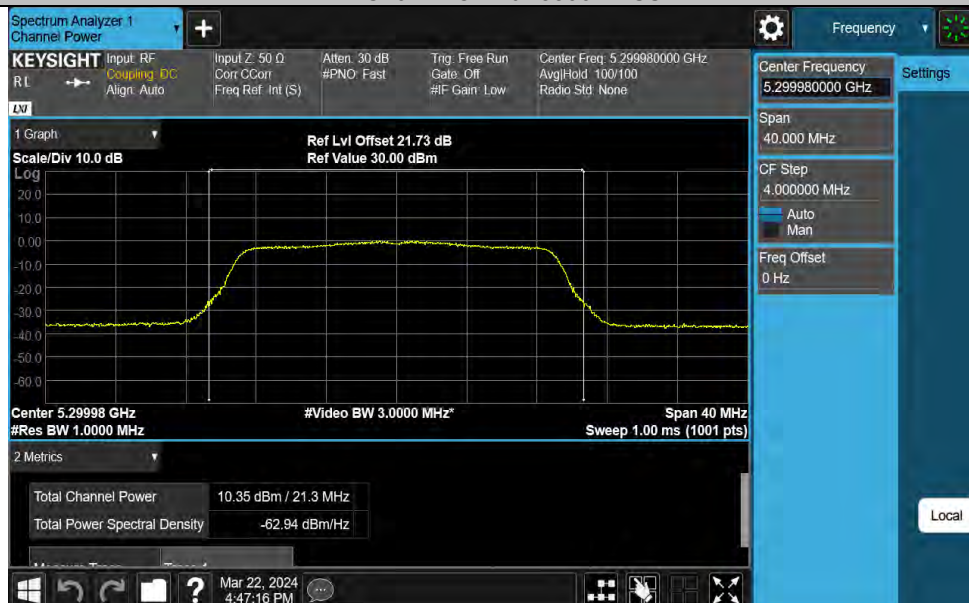
11AC20MIMO-Ant1-5260-PASS



11AC20MIMO-Ant2-5260-PASS



11AC20MIMO-Ant1-5300-PASS



11AC20MIMO-Ant2-5300-PASS



11AC20MIMO-Ant1-5320-PASS



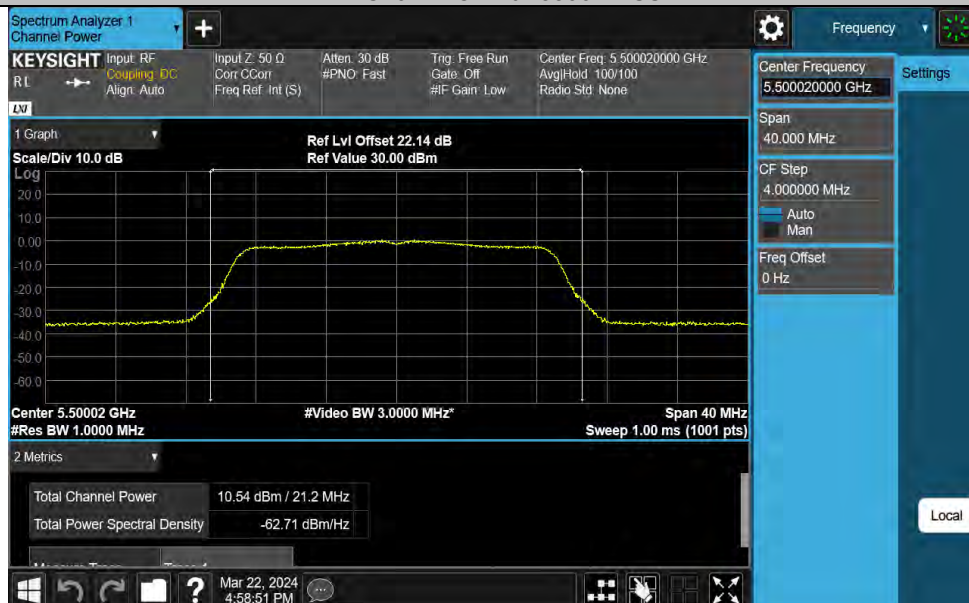
11AC20MIMO-Ant2-5320-PASS



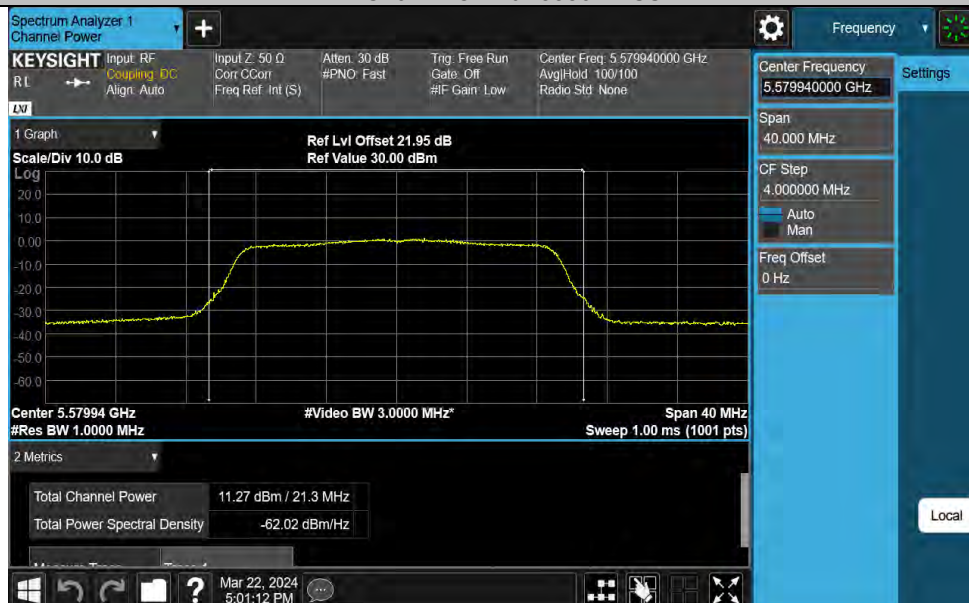
11AC20MIMO-Ant1-5500-PASS



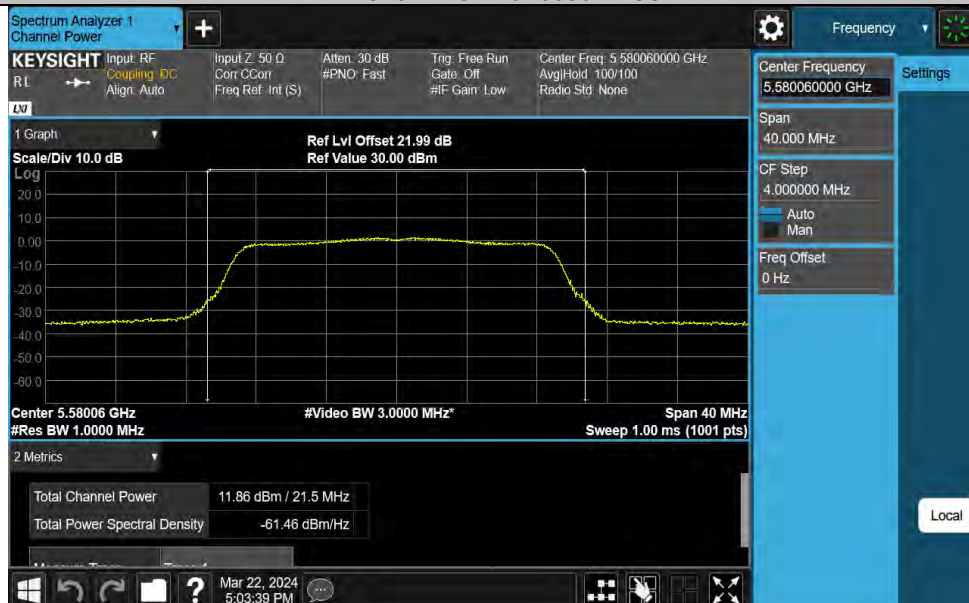
11AC20MIMO-Ant2-5500-PASS



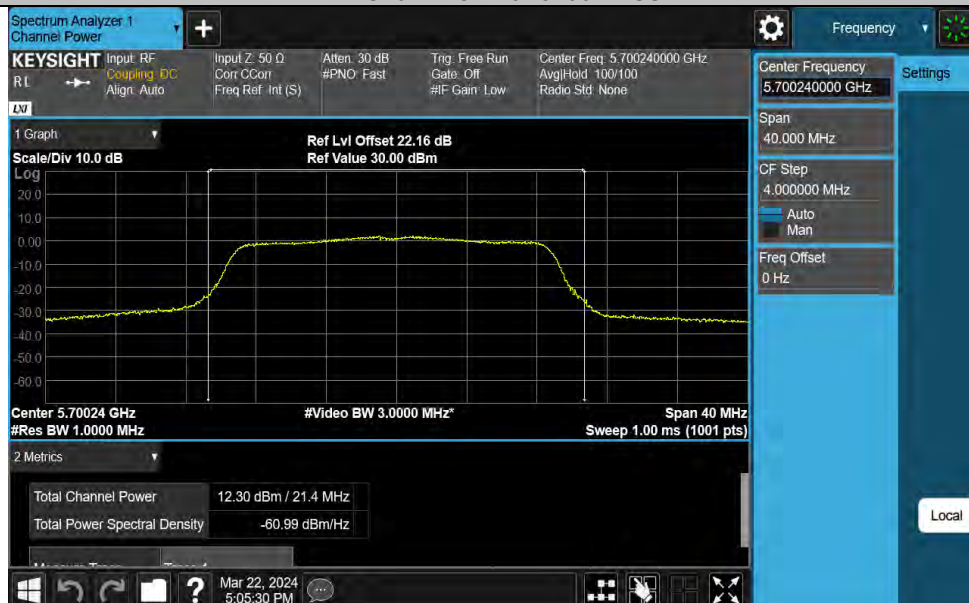
11AC20MIMO-Ant1-5580-PASS



11AC20MIMO-Ant2-5580-PASS



11AC20MIMO-Ant1-5700-PASS



11AC20MIMO-Ant2-5700-PASS

