	total	5270	2.48	≤11.00	PASS
	Ant1	5310	-1.34	≤11.00	PASS
	Ant2	5310	-0.40	≤11.00	PASS
	total	5310	2.17	≤11.00	PASS
	Ant1	5510	-0.72	≤11.00	PASS
	Ant2	5510	-0.40	≤11.00	PASS
	total	5510	2.45	≤11.00	PASS
	Ant1	5550	-1.32	≤11.00	PASS
	Ant2	5550	-1.18	≤11.00	PASS
	total	5550	1.76	≤11.00	PASS
	Ant1	5670	0.31	≤11.00	PASS
	Ant2	5670	-2.22	≤11.00	PASS
	total	5670	2.24	≤11.00	PASS
	Ant1	5755	-2.03	≤30.00	PASS
	Ant2	5755	-3.36	≤30.00	PASS
	total	5755	0.37	≤30.00	PASS
	Ant1	5795	-1.65	≤30.00	PASS
	Ant2	5795	-4.00	≤30.00	PASS
	total	5795	0.34	≤30.00	PASS
11AC20MIMO	Ant1	5180	3.50	≤17.00	PASS
	Ant2	5180	4.18	≤17.00	PASS
	total	5180	6.86	≤17.00	PASS
	Ant1	5200	4.12	≤17.00	PASS
	Ant2	5200	3.95	≤17.00	PASS
	total	5200	7.05	≤17.00	PASS
	Ant1	5240	2.87	≤17.00	PASS
	Ant2	5240	3.57	≤17.00	PASS
	total	5240	6.24	≤17.00	PASS
	Ant1	5260	3.49	≤11.00	PASS
	Ant2	5260	3.54	≤11.00	PASS
	total	5260	6.53	≤11.00	PASS
	Ant1	5280	2.88	≤11.00	PASS
	Ant2	5280	3.21	≤11.00	PASS
	total	5280	6.06	≤11.00	PASS
	Ant1	5320	2.29	≤11.00	PASS
	Ant2	5320	4.18	≤11.00	PASS
	total	5320	6.35	≤11.00	PASS
	Ant1	5500	3.75	≤11.00	PASS
	Ant2	5500	4.58	≤11.00	PASS
	total	5500	7.20	≤11.00	PASS
	Ant1	5580	2.89	≤11.00	PASS
	Ant2	5580	3.99	≤11.00	PASS

	total	5580	6.49	≤11.00	PASS
	Ant1	5700	4.06	≤11.00	PASS
	Ant2	5700	3.68	≤11.00	PASS
	total	5700	6.88	≤11.00	PASS
	Ant1	5745	2.40	≤30.00	PASS
	Ant2	5745	0.50	≤30.00	PASS
	total	5745	4.56	≤30.00	PASS
	Ant1	5785	2.33	≤30.00	PASS
	Ant2	5785	-0.15	≤30.00	PASS
	total	5785	4.27	≤30.00	PASS
	Ant1	5825	2.89	≤30.00	PASS
	Ant2	5825	0.50	≤30.00	PASS
	total	5825	4.87	≤30.00	PASS
11AC40MIMO	Ant1	5190	0.66	≤17.00	PASS
	Ant2	5190	0.24	≤17.00	PASS
	total	5190	3.47	≤17.00	PASS
	Ant1	5230	-1.13	≤17.00	PASS
	Ant2	5230	0.12	≤17.00	PASS
	total	5230	2.55	≤17.00	PASS
	Ant1	5270	-0.69	≤11.00	PASS
	Ant2	5270	-0.29	≤11.00	PASS
	total	5270	2.52	≤11.00	PASS
	Ant1	5310	-1.08	≤11.00	PASS
	Ant2	5310	-0.60	≤11.00	PASS
	total	5310	2.18	≤11.00	PASS
	Ant1	5510	-0.85	≤11.00	PASS
	Ant2	5510	-0.11	≤11.00	PASS
	total	5510	2.55	≤11.00	PASS
	Ant1	5550	-1.18	≤11.00	PASS
	Ant2	5550	-0.87	≤11.00	PASS
	total	5550	1.99	≤11.00	PASS
	Ant1	5670	0.23	≤11.00	PASS
	Ant2	5670	-2.24	≤11.00	PASS
	total	5670	2.18	≤11.00	PASS
	Ant1	5755	-1.77	≤30.00	PASS
	Ant2	5755	-3.72	≤30.00	PASS
	total	5755	0.37	≤30.00	PASS
	Ant1	5795	-2.15	≤30.00	PASS
	Ant2	5795	-4.40	≤30.00	PASS
	total	5795	-0.12	≤30.00	PASS
11AC80MIMO	Ant1	5210	-2.12	≤17.00	PASS
	Ant2	5210	-1.40	≤17.00	PASS

	total	5210	1.27	≤17.00	PASS
	Ant1	5290	-3.37	≤11.00	PASS
	Ant2	5290	-1.82	≤11.00	PASS
	total	5290	0.48	≤11.00	PASS
	Ant1	5530	-3.44	≤11.00	PASS
	Ant2	5530	-3.25	≤11.00	PASS
	total	5530	-0.33	≤11.00	PASS
	Ant1	5610	-2.63	≤11.00	PASS
	Ant2	5610	-3.44	≤11.00	PASS
	total	5610	-0.01	≤11.00	PASS
	Ant1	5775	-4.54	≤30.00	PASS
	Ant2	5775	-6.41	≤30.00	PASS
	total	5775	-2.36	≤30.00	PASS
11AC160MIMO	Ant1	5250_UNII-1	-3.40	≤17.00	PASS
	Ant2	5250_UNII-1	-4.46	≤17.00	PASS
	total	5250_UNII-1	-0.89	≤17.00	PASS
	Ant1	5250_UNII-2A	-3.65	≤11.00	PASS
	Ant2	5250_UNII-2A	-4.41	≤11.00	PASS
	total	5250_UNII-2A	-1.00	≤11.00	PASS
	Ant1	5570	-5.33	≤11.00	PASS
	Ant2	5570	-5.54	≤11.00	PASS
	total	5570	-2.42	≤11.00	PASS
11AX20MIMO	Ant1	5180	3.38	≤17.00	PASS
	Ant2	5180	4.20	≤17.00	PASS
	total	5180	6.82	≤17.00	PASS
	Ant1	5200	4.33	≤17.00	PASS
	Ant2	5200	4.00	≤17.00	PASS
	total	5200	7.18	≤17.00	PASS
	Ant1	5240	2.96	≤17.00	PASS
	Ant2	5240	4.07	≤17.00	PASS
	total	5240	6.56	≤17.00	PASS
	Ant1	5260	3.75	≤11.00	PASS
	Ant2	5260	4.01	≤11.00	PASS
	total	5260	6.89	≤11.00	PASS
	Ant1	5280	3.23	≤11.00	PASS
	Ant2	5280	3.27	≤11.00	PASS
	total	5280	6.26	≤11.00	PASS
	Ant1	5320	3.03	≤11.00	PASS
	Ant2	5320	4.41	≤11.00	PASS
	total	5320	6.78	≤11.00	PASS
	Ant1	5500	3.81	≤11.00	PASS
	Ant2	5500	3.71	≤11.00	PASS

	total	5500	6.77	≤11.00	PASS
	Ant1	5580	1.94	≤11.00	PASS
	Ant2	5580	3.09	≤11.00	PASS
	total	5580	5.56	≤11.00	PASS
	Ant1	5700	2.90	≤11.00	PASS
	Ant2	5700	2.38	≤11.00	PASS
	total	5700	5.66	≤11.00	PASS
	Ant1	5745	1.76	≤30.00	PASS
	Ant2	5745	0.83	≤30.00	PASS
	total	5745	4.33	≤30.00	PASS
	Ant1	5785	1.77	≤30.00	PASS
	Ant2	5785	0.63	≤30.00	PASS
	total	5785	4.25	≤30.00	PASS
	Ant1	5825	2.98	≤30.00	PASS
	Ant2	5825	0.60	≤30.00	PASS
	total	5825	4.96	≤30.00	PASS
11AX40MIMO	Ant1	5190	1.75	≤17.00	PASS
	Ant2	5190	1.26	≤17.00	PASS
	total	5190	4.52	≤17.00	PASS
	Ant1	5230	-0.97	≤17.00	PASS
	Ant2	5230	-0.02	≤17.00	PASS
	total	5230	2.54	≤17.00	PASS
	Ant1	5270	-1.04	≤11.00	PASS
	Ant2	5270	-0.81	≤11.00	PASS
	total	5270	2.09	≤11.00	PASS
	Ant1	5310	-1.79	≤11.00	PASS
	Ant2	5310	-1.69	≤11.00	PASS
	total	5310	1.27	≤11.00	PASS
	Ant1	5510	1.43	≤11.00	PASS
	Ant2	5510	1.98	≤11.00	PASS
	total	5510	4.72	≤11.00	PASS
	Ant1	5550	-0.47	≤11.00	PASS
	Ant2	5550	-0.31	≤11.00	PASS
	total	5550	2.62	≤11.00	PASS
	Ant1	5670	-0.44	≤11.00	PASS
	Ant2	5670	-2.67	≤11.00	PASS
	total	5670	1.60	≤11.00	PASS
	Ant1	5755	-2.38	≤30.00	PASS
	Ant2	5755	-3.56	≤30.00	PASS
	total	5755	0.08	≤30.00	PASS
	Ant1	5795	-2.80	≤30.00	PASS
	Ant2	5795	-4.53	≤30.00	PASS

	total	5795	-0.57	≤30.00	PASS
11AX80MIMO	Ant1	5210	-1.05	≤17.00	PASS
	Ant2	5210	-0.15	≤17.00	PASS
	total	5210	2.43	≤17.00	PASS
	Ant1	5290	-1.97	≤11.00	PASS
	Ant2	5290	-0.74	≤11.00	PASS
	total	5290	1.70	≤11.00	PASS
	Ant1	5530	-2.24	≤11.00	PASS
	Ant2	5530	-2.49	≤11.00	PASS
	total	5530	0.65	≤11.00	PASS
	Ant1	5610	-1.38	≤11.00	PASS
	Ant2	5610	-2.07	≤11.00	PASS
	total	5610	1.30	≤11.00	PASS
	Ant1	5775	-3.03	≤30.00	PASS
	Ant2	5775	-5.45	≤30.00	PASS
	total	5775	-1.06	≤30.00	PASS
11AX160MIMO	Ant1	5250_UNII-1	-4.55	≤17.00	PASS
	Ant2	5250_UNII-1	-5.27	≤17.00	PASS
	total	5250_UNII-1	-1.88	≤17.00	PASS
	Ant1	5250_UNII-2A	-4.18	≤11.00	PASS
	Ant2	5250_UNII-2A	-5.38	≤11.00	PASS
	total	5250_UNII-2A	-1.73	≤11.00	PASS
	Ant1	5570	-5.57	≤11.00	PASS
	Ant2	5570	-6.14	≤11.00	PASS
	total	5570	-2.84	≤11.00	PASS

Note: The Duty Cycle Factor is compensated in the test system

Unequal antenna gains, with equal transmit powers. For antenna gains given by G_1, G_2, …, G_N dBi If transmit signals are correlated, then Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \ldots + 10^{GN/20})^2 / N_{ANT}$] dBi [Note the “20”s in the denominator of each exponent and the square of the sum of terms; the object is to combine the signal levels coherently.]
Directional gain = 10log[$(10^{1.84/20} + 10^{2.74/20})^2 / N_{ANT}$] dBi=5.31

11A-CDD_Ant1_5180

11A-CDD_Ant2_5180


11A-CDD_Ant1_5200

11A-CDD_Ant2_5200


11A-CDD_Ant1_5240

11A-CDD_Ant2_5240


11A-CDD_Ant1_5260

11A-CDD_Ant2_5260


11A-CDD_Ant1_5280

11A-CDD_Ant2_5280


11A-CDD_Ant1_5320

11A-CDD_Ant2_5320


11A-CDD_Ant1_5500

11A-CDD_Ant2_5500


11A-CDD_Ant1_5580

11A-CDD_Ant2_5580


11A-CDD_Ant1_5700

11A-CDD_Ant2_5700


11A-CDD_Ant1_5745

11A-CDD_Ant2_5745


11A-CDD_Ant1_5785

11A-CDD_Ant2_5785


11A-CDD_Ant1_5825

11A-CDD_Ant2_5825


11N20MIMO_Ant1_5180

11N20MIMO_Ant2_5180


11N20MIMO_Ant1_5200

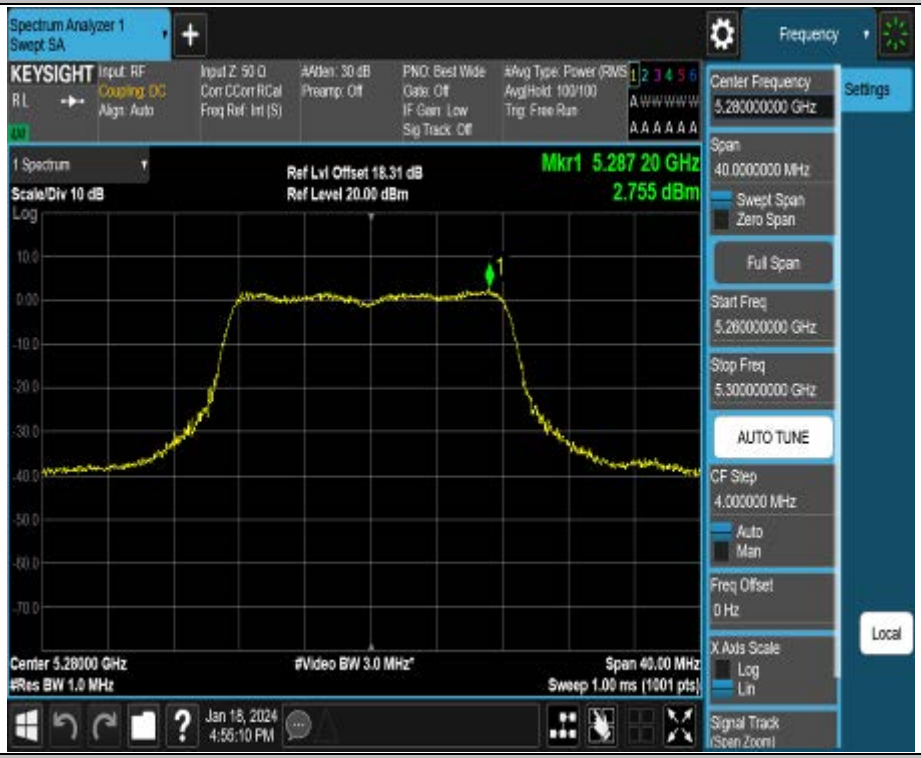
11N20MIMO_Ant2_5200


11N20MIMO_Ant1_5240

11N20MIMO_Ant2_5240


11N20MIMO_Ant1_5260

11N20MIMO_Ant2_5260


11N20MIMO_Ant1_5280

11N20MIMO_Ant2_5280

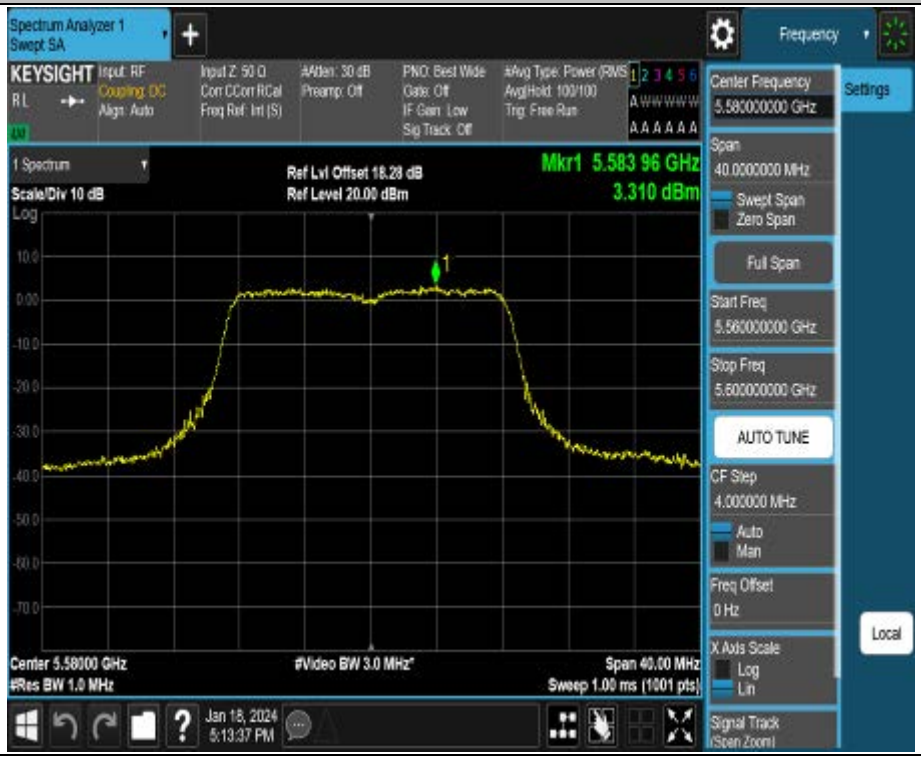

11N20MIMO_Ant1_5320

11N20MIMO_Ant2_5320


11N20MIMO_Ant1_5500

11N20MIMO_Ant2_5500

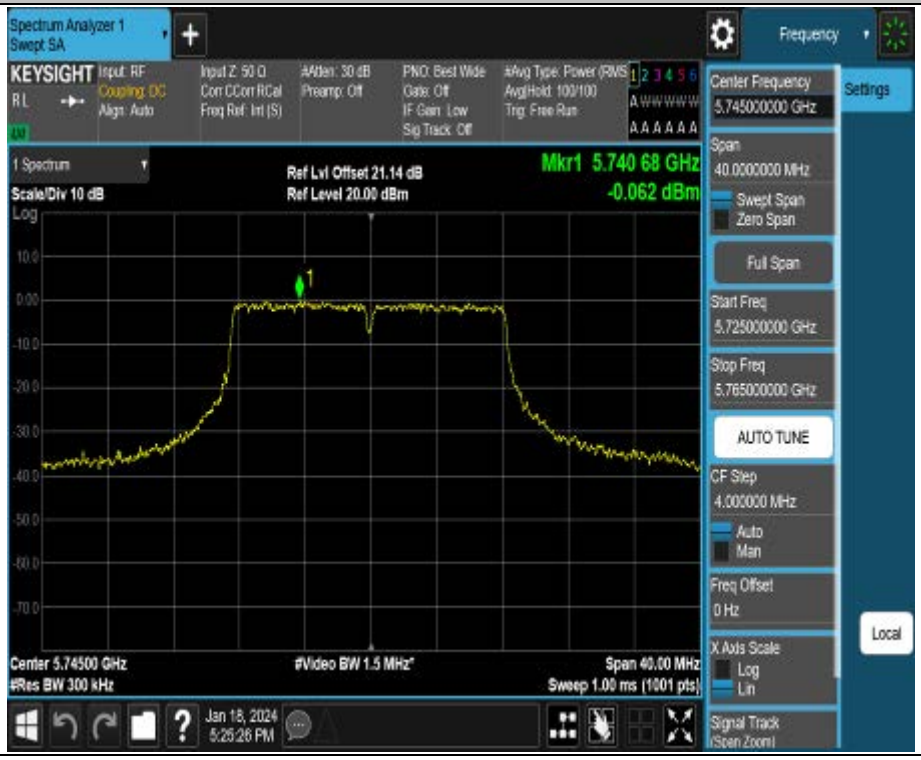

11N20MIMO_Ant1_5580

11N20MIMO_Ant2_5580


11N20MIMO_Ant1_5700

11N20MIMO_Ant2_5700


11N20MIMO_Ant1_5745

11N20MIMO_Ant2_5745


11N20MIMO_Ant1_5785

11N20MIMO_Ant2_5785


11N20MIMO_Ant1_5825

11N20MIMO_Ant2_5825


11N40MIMO_Ant1_5190

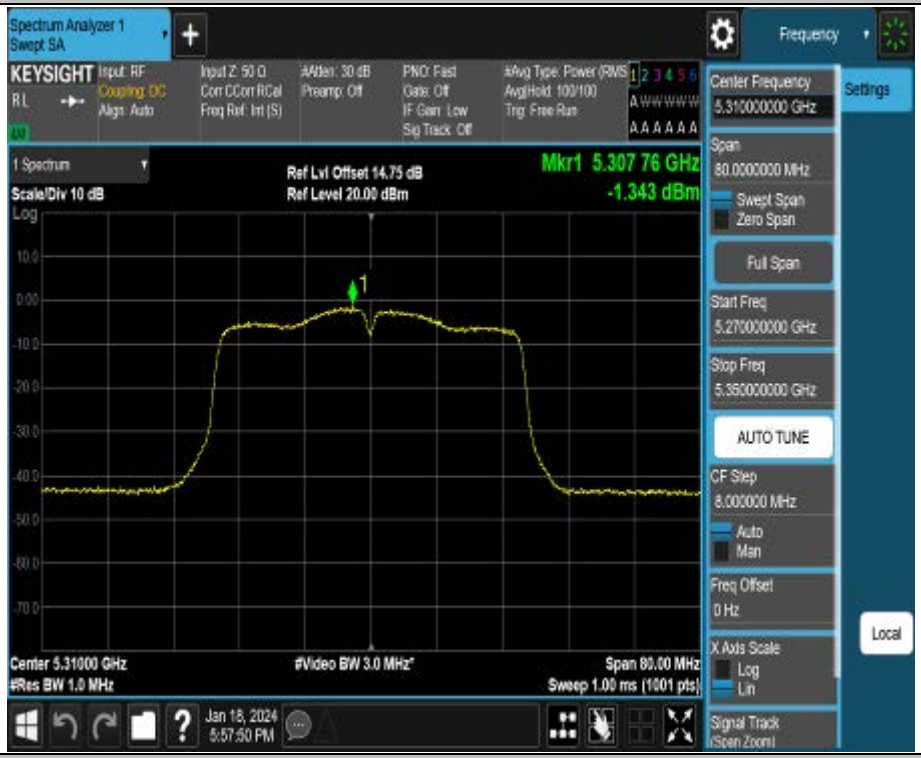
11N40MIMO_Ant2_5190


11N40MIMO_Ant1_5230

11N40MIMO_Ant2_5230

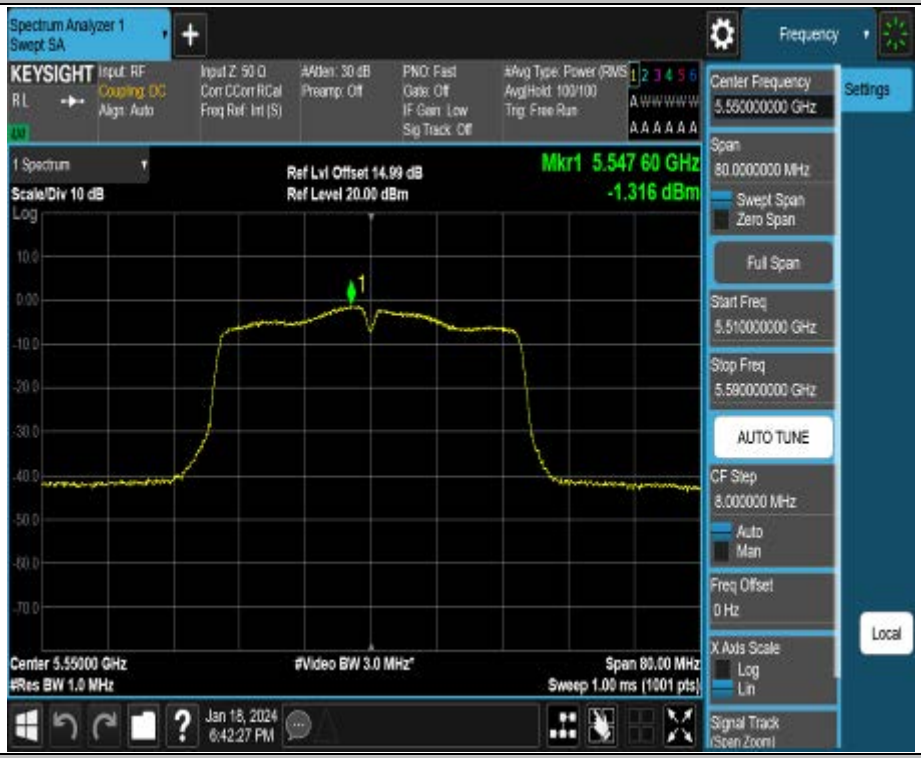

11N40MIMO_Ant1_5270

11N40MIMO_Ant2_5270


11N40MIMO_Ant1_5310

11N40MIMO_Ant2_5310


11N40MIMO_Ant1_5510

11N40MIMO_Ant2_5510


11N40MIMO_Ant1_5550

11N40MIMO_Ant2_5550


11N40MIMO_Ant1_5670

11N40MIMO_Ant2_5670


11N40MIMO_Ant1_5755

11N40MIMO_Ant2_5755


11N40MIMO_Ant1_5795

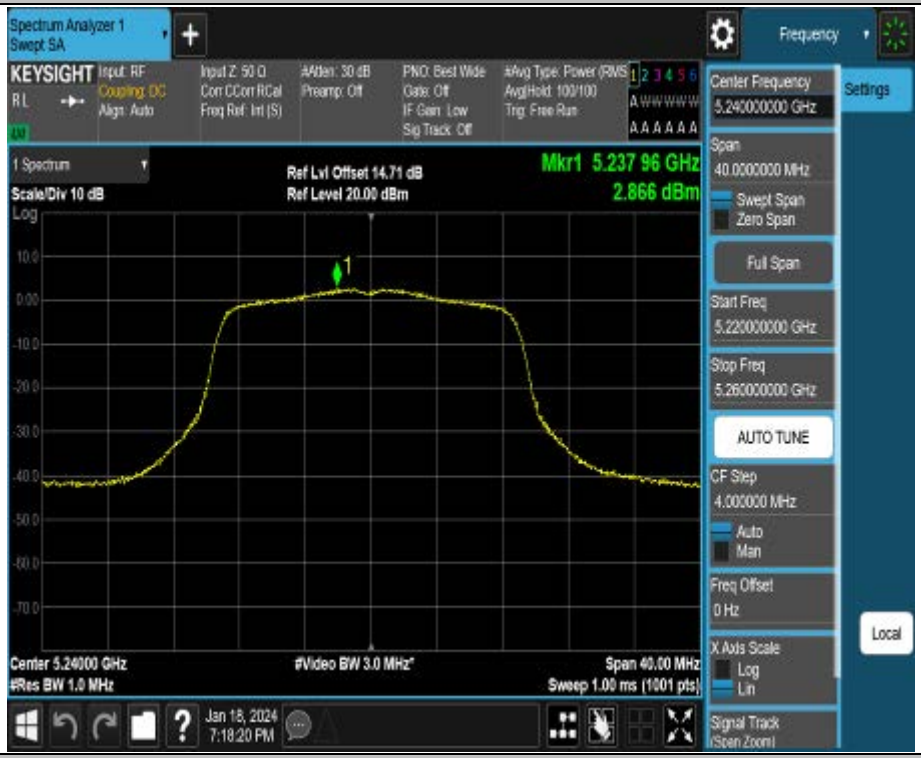
11N40MIMO_Ant2_5795


11AC20MIMO_Ant1_5180

11AC20MIMO_Ant2_5180


11AC20MIMO_Ant1_5200

11AC20MIMO_Ant2_5200


11AC20MIMO_Ant1_5240

11AC20MIMO_Ant2_5240


11AC20MIMO_Ant1_5260

11AC20MIMO_Ant2_5260


11AC20MIMO_Ant1_5280

11AC20MIMO_Ant2_5280


11AC20MIMO_Ant1_5320

11AC20MIMO_Ant2_5320


11AC20MIMO_Ant1_5500

11AC20MIMO_Ant2_5500


11AC20MIMO_Ant1_5580

11AC20MIMO_Ant2_5580


11AC20MIMO_Ant1_5700

11AC20MIMO_Ant2_5700


11AC20MIMO_Ant1_5745

11AC20MIMO_Ant2_5745


11AC20MIMO_Ant1_5785

11AC20MIMO_Ant2_5785


11AC20MIMO_Ant1_5825

11AC20MIMO_Ant2_5825