

11BE20MIMO	Ant1	5200	10.43	≤17.00	PASS
11BE20MIMO	Ant2	5200	10.64	≤17.00	PASS
11BE20MIMO	Ant3	5200	10.04	≤17.00	PASS
11BE20MIMO	Ant4	5200	9.78	≤17.00	PASS
11BE20MIMO	total	5200	16.26	≤17.00	PASS
11BE20MIMO	Ant1	5240	10.41	≤17.00	PASS
11BE20MIMO	Ant2	5240	11.41	≤17.00	PASS
11BE20MIMO	Ant3	5240	10.85	≤17.00	PASS
11BE20MIMO	Ant4	5240	10.56	≤17.00	PASS
11BE20MIMO	total	5240	16.85	≤17.00	PASS
11BE20MIMO	Ant1	5260	4.24	≤11.00	PASS
11BE20MIMO	Ant2	5260	4.56	≤11.00	PASS
11BE20MIMO	Ant3	5260	4.75	≤11.00	PASS
11BE20MIMO	Ant4	5260	3.92	≤11.00	PASS
11BE20MIMO	total	5260	10.40	≤11.00	PASS
11BE20MIMO	Ant1	5280	4.38	≤11.00	PASS
11BE20MIMO	Ant2	5280	5.00	≤11.00	PASS
11BE20MIMO	Ant3	5280	4.92	≤11.00	PASS
11BE20MIMO	Ant4	5280	4.12	≤11.00	PASS
11BE20MIMO	total	5280	10.64	≤11.00	PASS
11BE20MIMO	Ant1	5320	3.50	≤11.00	PASS
11BE20MIMO	Ant2	5320	4.03	≤11.00	PASS
11BE20MIMO	Ant3	5320	4.61	≤11.00	PASS
11BE20MIMO	Ant4	5320	3.85	≤11.00	PASS
11BE20MIMO	total	5320	10.04	≤11.00	PASS
11BE20MIMO	Ant1	5500	4.81	≤11.00	PASS
11BE20MIMO	Ant2	5500	4.80	≤11.00	PASS
11BE20MIMO	Ant3	5500	4.45	≤11.00	PASS
11BE20MIMO	Ant4	5500	4.24	≤11.00	PASS
11BE20MIMO	total	5500	10.60	≤11.00	PASS
11BE20MIMO	Ant1	5580	4.59	≤11.00	PASS
11BE20MIMO	Ant2	5580	5.14	≤11.00	PASS
11BE20MIMO	Ant3	5580	4.88	≤11.00	PASS
11BE20MIMO	Ant4	5580	4.60	≤11.00	PASS
11BE20MIMO	total	5580	10.83	≤11.00	PASS
11BE20MIMO	Ant1	5700	4.66	≤11.00	PASS
11BE20MIMO	Ant2	5700	5.51	≤11.00	PASS
11BE20MIMO	Ant3	5700	4.14	≤11.00	PASS
11BE20MIMO	Ant4	5700	4.25	≤11.00	PASS
11BE20MIMO	total	5700	10.69	≤11.00	PASS
11BE20MIMO	Ant1	5745	6.79	≤30.00	PASS
11BE20MIMO	Ant2	5745	7.18	≤30.00	PASS

11BE20MIMO	Ant3	5745	7.36	≤30.00	PASS
11BE20MIMO	Ant4	5745	6.75	≤30.00	PASS
11BE20MIMO	total	5745	13.05	≤30.00	PASS
11BE20MIMO	Ant1	5785	8.12	≤30.00	PASS
11BE20MIMO	Ant2	5785	6.96	≤30.00	PASS
11BE20MIMO	Ant3	5785	6.16	≤30.00	PASS
11BE20MIMO	Ant4	5785	8.02	≤30.00	PASS
11BE20MIMO	total	5785	13.41	≤30.00	PASS
11BE20MIMO	Ant1	5825	5.18	≤30.00	PASS
11BE20MIMO	Ant2	5825	4.84	≤30.00	PASS
11BE20MIMO	Ant3	5825	6.09	≤30.00	PASS
11BE20MIMO	Ant4	5825	5.60	≤30.00	PASS
11BE20MIMO	total	5825	11.47	≤30.00	PASS
11BE40MIMO	Ant1	5190	-3.75	≤17.00	PASS
11BE40MIMO	Ant2	5190	-3.27	≤17.00	PASS
11BE40MIMO	Ant3	5190	-4.16	≤17.00	PASS
11BE40MIMO	Ant4	5190	-4.47	≤17.00	PASS
11BE40MIMO	total	5190	2.13	≤17.00	PASS
11BE40MIMO	Ant1	5230	8.66	≤17.00	PASS
11BE40MIMO	Ant2	5230	9.93	≤17.00	PASS
11BE40MIMO	Ant3	5230	8.53	≤17.00	PASS
11BE40MIMO	Ant4	5230	8.44	≤17.00	PASS
11BE40MIMO	total	5230	14.95	≤17.00	PASS
11BE40MIMO	Ant1	5270	3.25	≤11.00	PASS
11BE40MIMO	Ant2	5270	3.95	≤11.00	PASS
11BE40MIMO	Ant3	5270	3.69	≤11.00	PASS
11BE40MIMO	Ant4	5270	2.95	≤11.00	PASS
11BE40MIMO	total	5270	9.50	≤11.00	PASS
11BE40MIMO	Ant1	5310	-3.90	≤11.00	PASS
11BE40MIMO	Ant2	5310	-3.21	≤11.00	PASS
11BE40MIMO	Ant3	5310	-3.58	≤11.00	PASS
11BE40MIMO	Ant4	5310	-3.77	≤11.00	PASS
11BE40MIMO	total	5310	2.41	≤11.00	PASS
11BE40MIMO	Ant1	5510	-0.57	≤11.00	PASS
11BE40MIMO	Ant2	5510	0.04	≤11.00	PASS
11BE40MIMO	Ant3	5510	0.08	≤11.00	PASS
11BE40MIMO	Ant4	5510	-0.16	≤11.00	PASS
11BE40MIMO	total	5510	5.88	≤11.00	PASS
11BE40MIMO	Ant1	5550	2.71	≤11.00	PASS
11BE40MIMO	Ant2	5550	3.32	≤11.00	PASS
11BE40MIMO	Ant3	5550	2.88	≤11.00	PASS
11BE40MIMO	Ant4	5550	2.80	≤11.00	PASS

11BE40MIMO	total	5550	8.95	≤11.00	PASS
11BE40MIMO	Ant1	5670	2.76	≤11.00	PASS
11BE40MIMO	Ant2	5670	3.12	≤11.00	PASS
11BE40MIMO	Ant3	5670	2.36	≤11.00	PASS
11BE40MIMO	Ant4	5670	2.83	≤11.00	PASS
11BE40MIMO	total	5670	8.80	≤11.00	PASS
11BE40MIMO	Ant1	5755	3.46	≤30.00	PASS
11BE40MIMO	Ant2	5755	3.16	≤30.00	PASS
11BE40MIMO	Ant3	5755	3.49	≤30.00	PASS
11BE40MIMO	Ant4	5755	3.13	≤30.00	PASS
11BE40MIMO	total	5755	9.33	≤30.00	PASS
11BE40MIMO	Ant1	5795	2.97	≤30.00	PASS
11BE40MIMO	Ant2	5795	2.55	≤30.00	PASS
11BE40MIMO	Ant3	5795	2.98	≤30.00	PASS
11BE40MIMO	Ant4	5795	3.27	≤30.00	PASS
11BE40MIMO	total	5795	8.97	≤30.00	PASS
11BE80MIMO	Ant1	5210	-7.77	≤17.00	PASS
11BE80MIMO	Ant2	5210	-7.01	≤17.00	PASS
11BE80MIMO	Ant3	5210	-8.17	≤17.00	PASS
11BE80MIMO	Ant4	5210	-8.01	≤17.00	PASS
11BE80MIMO	total	5210	-1.70	≤17.00	PASS
11BE80MIMO	Ant1	5290	-7.31	≤11.00	PASS
11BE80MIMO	Ant2	5290	-6.08	≤11.00	PASS
11BE80MIMO	Ant3	5290	-6.21	≤11.00	PASS
11BE80MIMO	Ant4	5290	-7.63	≤11.00	PASS
11BE80MIMO	total	5290	-0.74	≤11.00	PASS
11BE80MIMO	Ant1	5530	-7.05	≤11.00	PASS
11BE80MIMO	Ant2	5530	-6.24	≤11.00	PASS
11BE80MIMO	Ant3	5530	-6.05	≤11.00	PASS
11BE80MIMO	Ant4	5530	-6.36	≤11.00	PASS
11BE80MIMO	total	5530	-0.39	≤11.00	PASS
11BE80MIMO	Ant1	5610	1.19	≤11.00	PASS
11BE80MIMO	Ant2	5610	0.42	≤11.00	PASS
11BE80MIMO	Ant3	5610	0.24	≤11.00	PASS
11BE80MIMO	Ant4	5610	0.52	≤11.00	PASS
11BE80MIMO	total	5610	6.63	≤11.00	PASS
11BE80MIMO	Ant1	5775	-1.01	≤30.00	PASS
11BE80MIMO	Ant2	5775	-0.34	≤30.00	PASS
11BE80MIMO	Ant3	5775	-0.92	≤30.00	PASS
11BE80MIMO	Ant4	5775	-0.69	≤30.00	PASS
11BE80MIMO	total	5775	5.29	≤30.00	PASS
11BE160MIMO	Ant1	5250_UNII-1	-10.44	≤17.00	PASS

11BE160MIMO	Ant2	5250_UNII-1	-9.96	≤17.00	PASS
11BE160MIMO	Ant3	5250_UNII-1	-10.53	≤17.00	PASS
11BE160MIMO	Ant4	5250_UNII-1	-10.71	≤17.00	PASS
11BE160MIMO	total	5250_UNII-1	-4.38	≤17.00	PASS
11BE160MIMO	Ant1	5250_UNII-2A	-9.65	≤11.00	PASS
11BE160MIMO	Ant2	5250_UNII-2A	-10.04	≤11.00	PASS
11BE160MIMO	Ant3	5250_UNII-2A	-10.73	≤11.00	PASS
11BE160MIMO	Ant4	5250_UNII-2A	-10.17	≤11.00	PASS
11BE160MIMO	total	5250_UNII-2A	-4.11	≤11.00	PASS
11BE160MIMO	Ant1	5570	-9.00	≤11.00	PASS
11BE160MIMO	Ant2	5570	-8.18	≤11.00	PASS
11BE160MIMO	Ant3	5570	-8.49	≤11.00	PASS
11BE160MIMO	Ant4	5570	-8.27	≤11.00	PASS
11BE160MIMO	total	5570	-2.45	≤11.00	PASS

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

For UNII-3, according to KDB publication 789033 D02 General UNII Test Procedures New Rules v02r01, section II.F.5., it is acceptable to set RBW at 300kHz and VBW at 1500kHz if the spectrum analyzer does not have 500 kHz RBW. Then, add $10 \log(500 \text{ kHz}/300 \text{ kHz})$ to the measured result, i.e. 2.22 dB.

During the test of U-NII 3 PSD, the measurement result with RBW=300kHz has been added 2.22 dB by compensating offset, $\text{offset} = \text{cable loss} + \text{duty factor} + 10 \log(500 \text{ kHz}/300 \text{ kHz})$.

Beamforming conducted power less than no beamforming conducted power, so only no beamforming conducted power spectral density was recorded.

Test Graphs



11A-CDD-Ant1-5180-PASS



11A-CDD-Ant2-5180-PASS



11A-CDD-Ant3-5180-PASS



11A-CDD-Ant4-5180-PASS



11A-CDD-Ant1-5200-PASS



11A-CDD-Ant2-5200-PASS



11A-CDD-Ant3-5200-PASS



11A-CDD-Ant4-5200-PASS



11A-CDD-Ant1-5240-PASS



11A-CDD-Ant2-5240-PASS



11A-CDD-Ant3-5240-PASS



11A-CDD-Ant4-5240-PASS



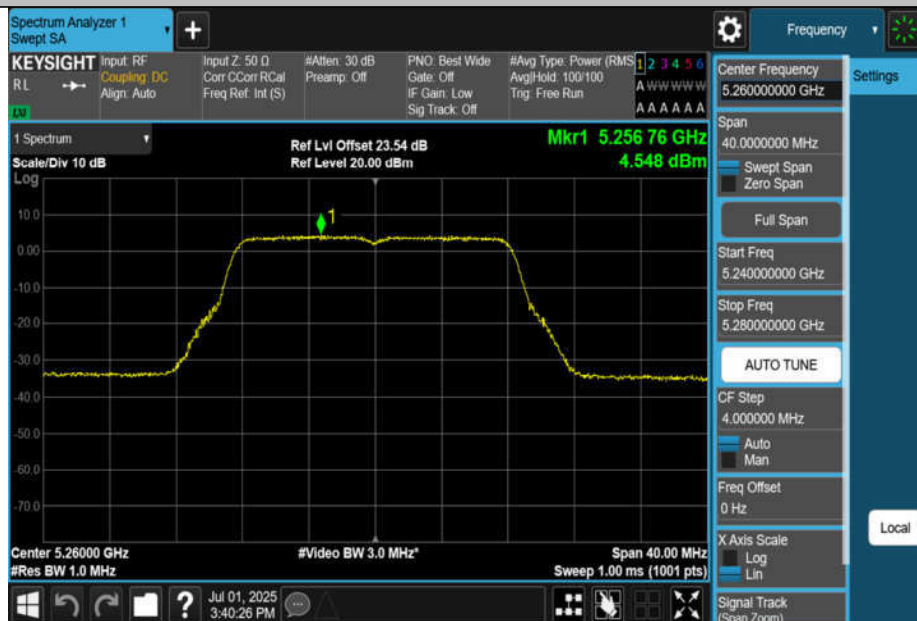
11A-CDD-Ant1-5260-PASS



11A-CDD-Ant2-5260-PASS



11A-CDD-Ant3-5260-PASS



11A-CDD-Ant4-5260-PASS



11A-CDD-Ant1-5280-PASS



11A-CDD-Ant2-5280-PASS



11A-CDD-Ant3-5280-PASS



11A-CDD-Ant4-5280-PASS



11A-CDD-Ant1-5320-PASS



11A-CDD-Ant2-5320-PASS



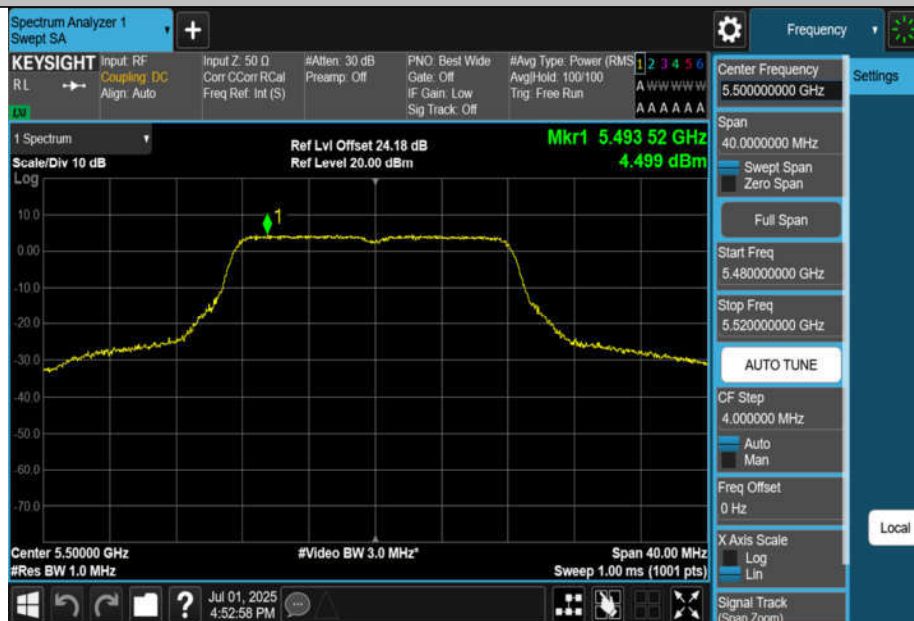
11A-CDD-Ant3-5320-PASS



11A-CDD-Ant4-5320-PASS



11A-CDD-Ant3-5500-PASS



11A-CDD-Ant4-5500-PASS



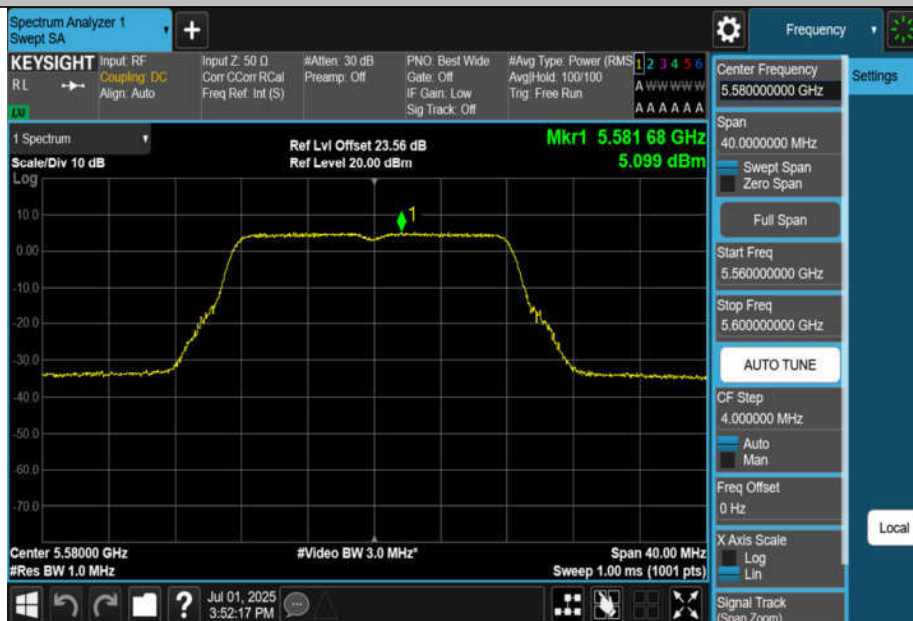
11A-CDD-Ant1-5500-PASS



11A-CDD-Ant2-5500-PASS



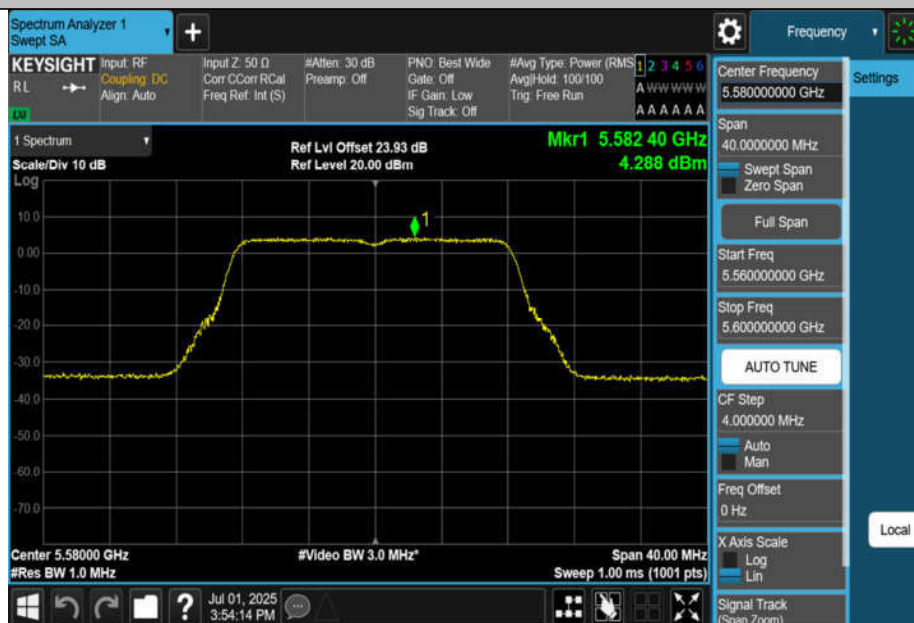
11A-CDD-Ant1-5580-PASS



11A-CDD-Ant2-5580-PASS



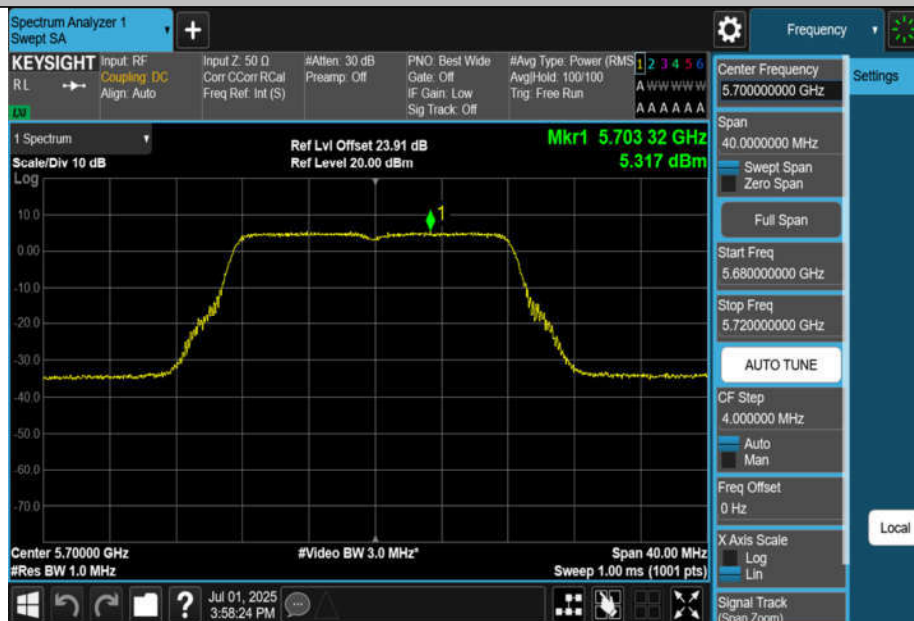
11A-CDD-Ant3-5580-PASS



11A-CDD-Ant4-5580-PASS



11A-CDD-Ant1-5700-PASS



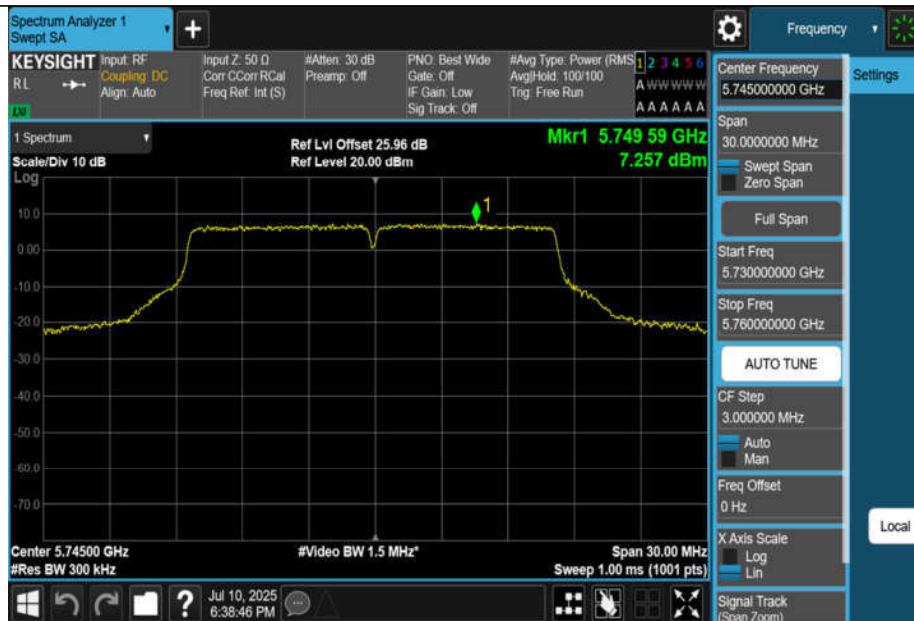
11A-CDD-Ant2-5700-PASS



11A-CDD-Ant3-5700-PASS



11A-CDD-Ant4-5700-PASS



11A-CDD-Ant1-5745-PASS



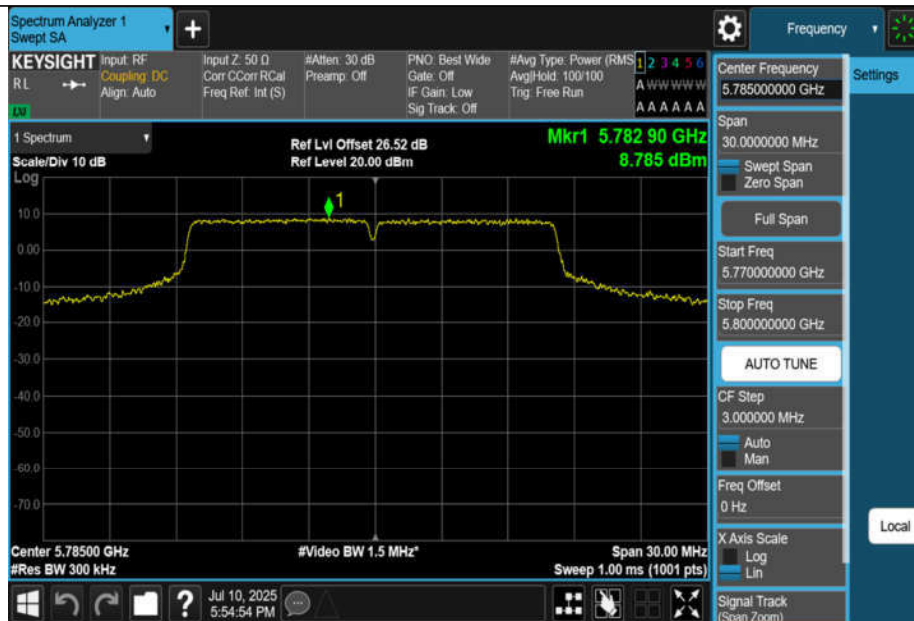
11A-CDD-Ant2-5745-PASS



11A-CDD-Ant3-5745-PASS



11A-CDD-Ant4-5745-PASS



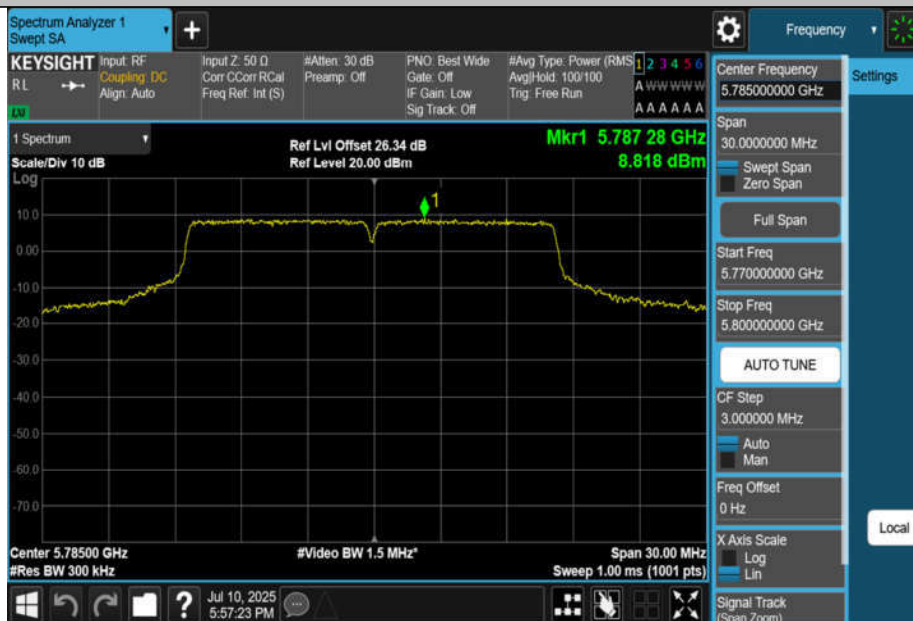
11A-CDD-Ant1-5785-PASS



11A-CDD-Ant2-5785-PASS



11A-CDD-Ant3-5785-PASS



11A-CDD-Ant4-5785-PASS



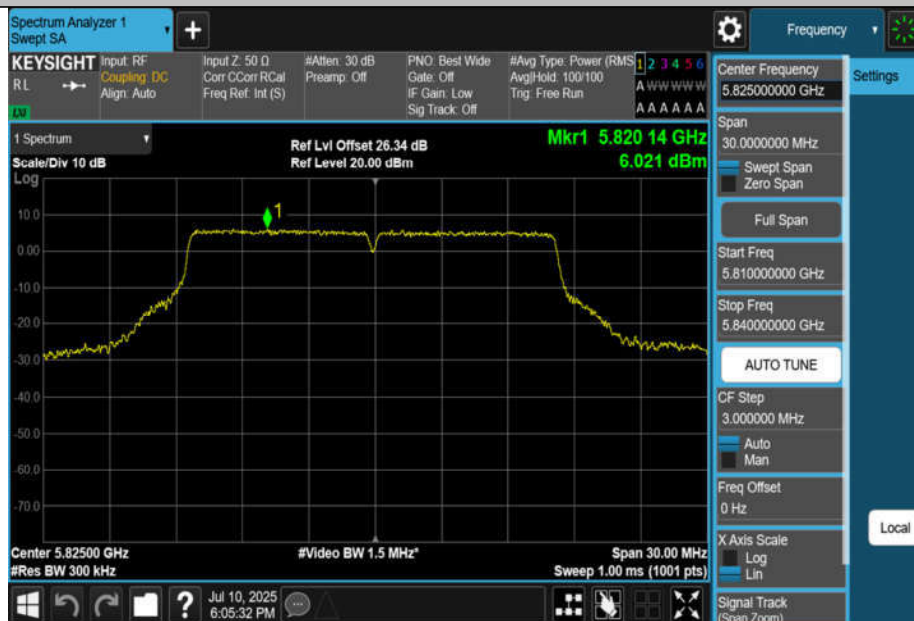
11A-CDD-Ant1-5825-PASS



11A-CDD-Ant2-5825-PASS



11A-CDD-Ant3-5825-PASS



11A-CDD-Ant4-5825-PASS



11N20MIMO-Ant1-5180-PASS



11N20MIMO-Ant2-5180-PASS



11N20MIMO-Ant3-5180-PASS



11N20MIMO-Ant4-5180-PASS



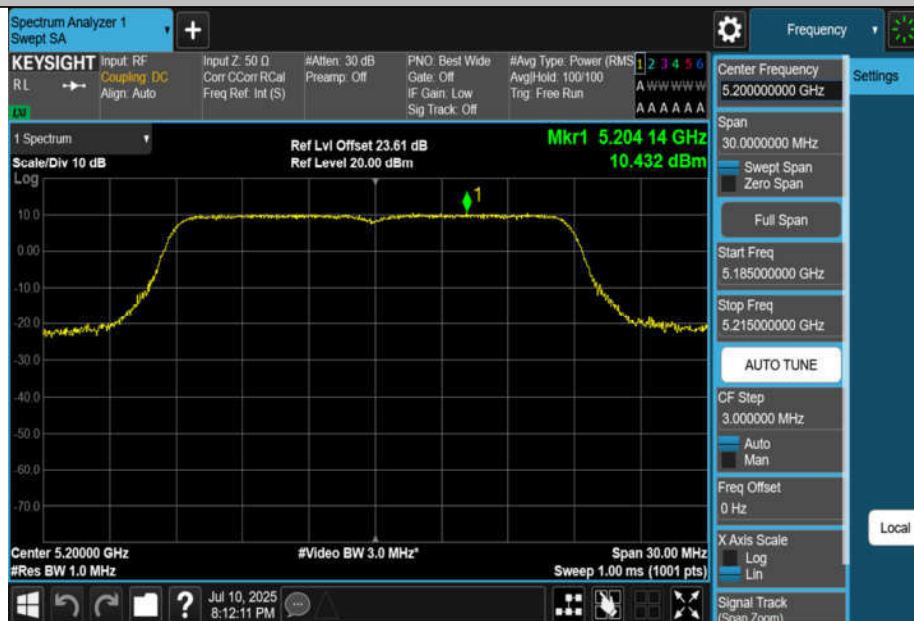
11N20MIMO-Ant1-5200-PASS



11N20MIMO-Ant2-5200-PASS



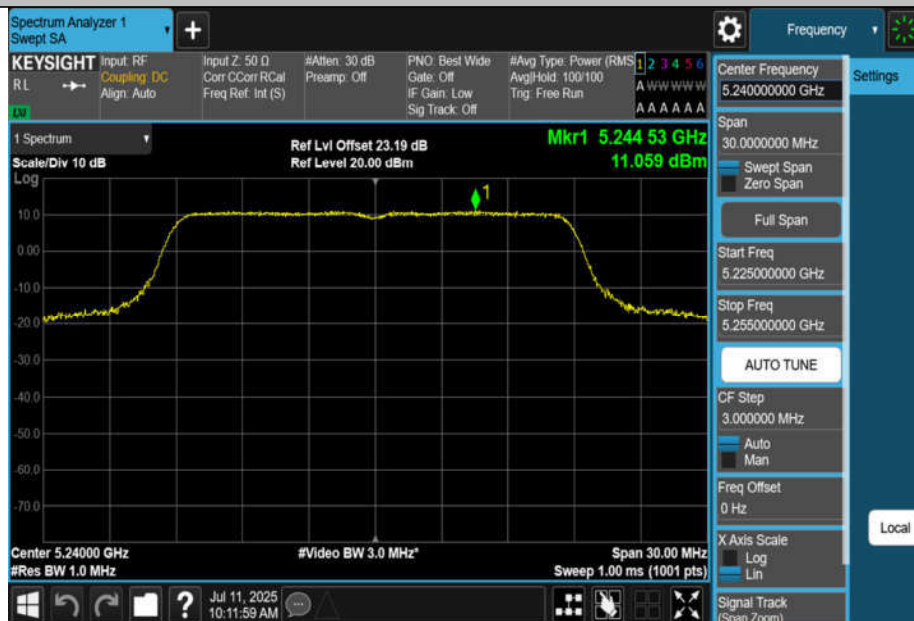
11N20MIMO-Ant3-5200-PASS



11N20MIMO-Ant4-5200-PASS



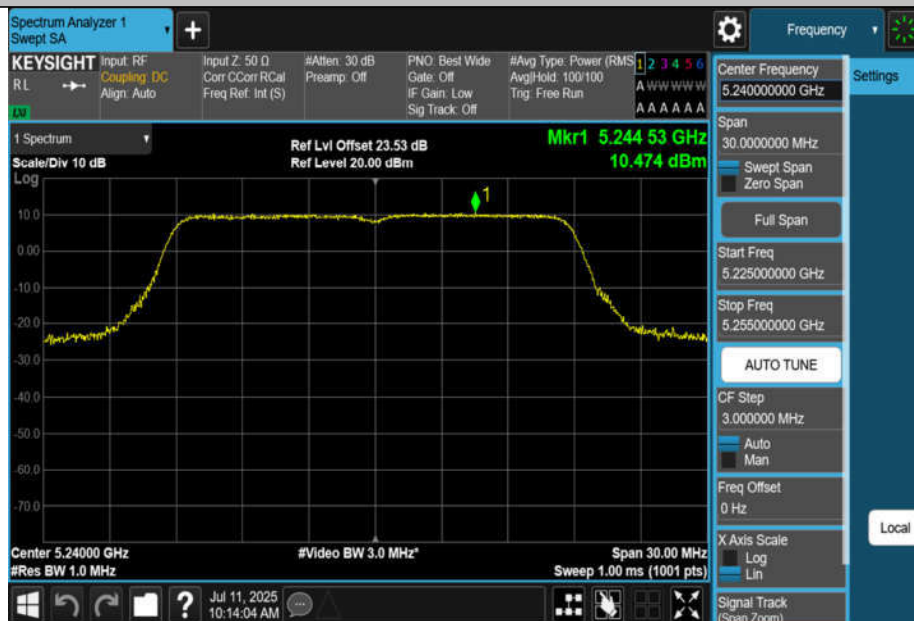
11N20MIMO-Ant1-5240-PASS



11N20MIMO-Ant2-5240-PASS



11N20MIMO-Ant3-5240-PASS



11N20MIMO-Ant4-5240-PASS



11N20MIMO-Ant1-5260-PASS



11N20MIMO-Ant2-5260-PASS