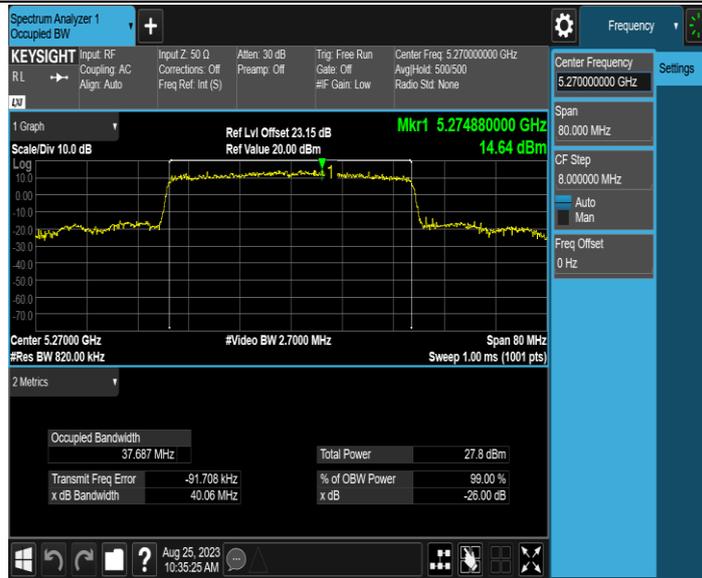


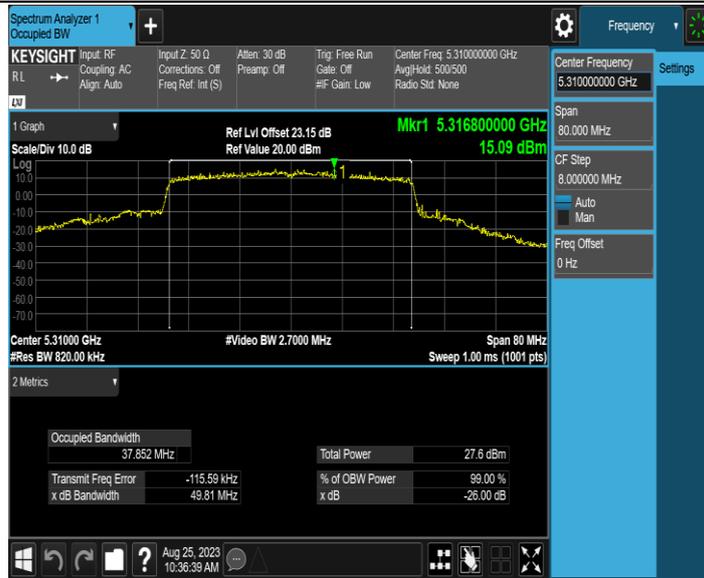
11AX40MIMO_Ant2_5270



11AX40MIMO_Ant1_5310



11AX40MIMO_Ant2_5310



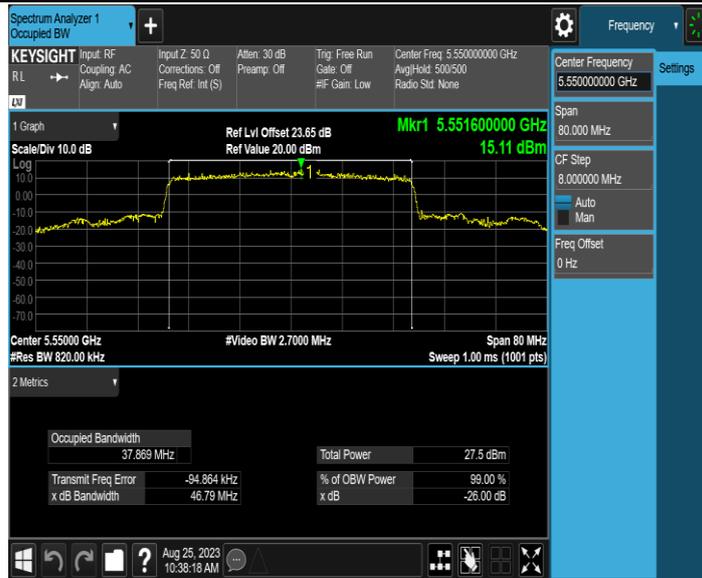
11AX40MIMO_Ant1_5510



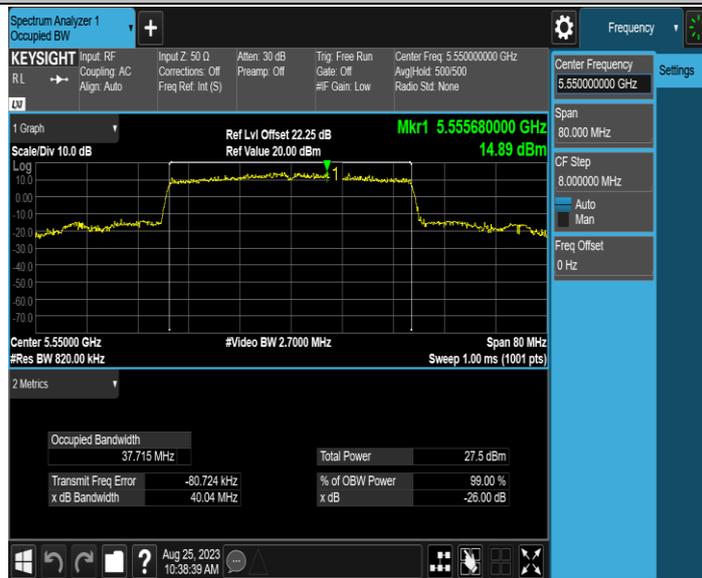
11AX40MIMO_Ant2_5510



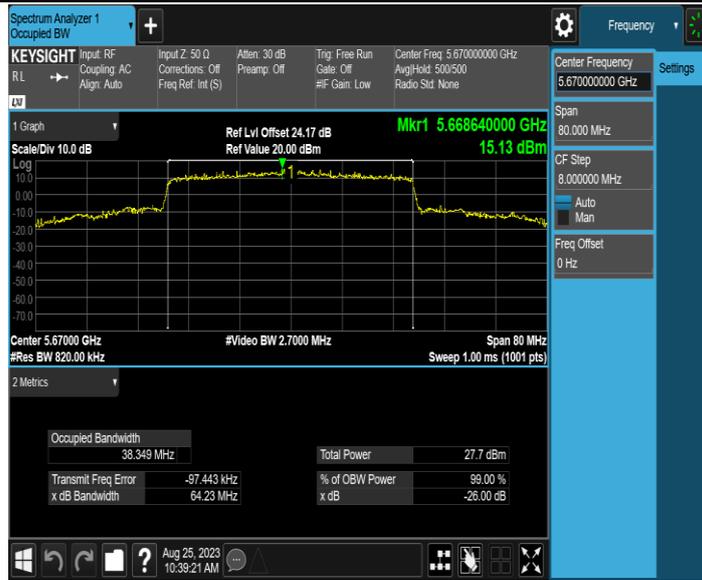
11AX40MIMO_Ant1_5550



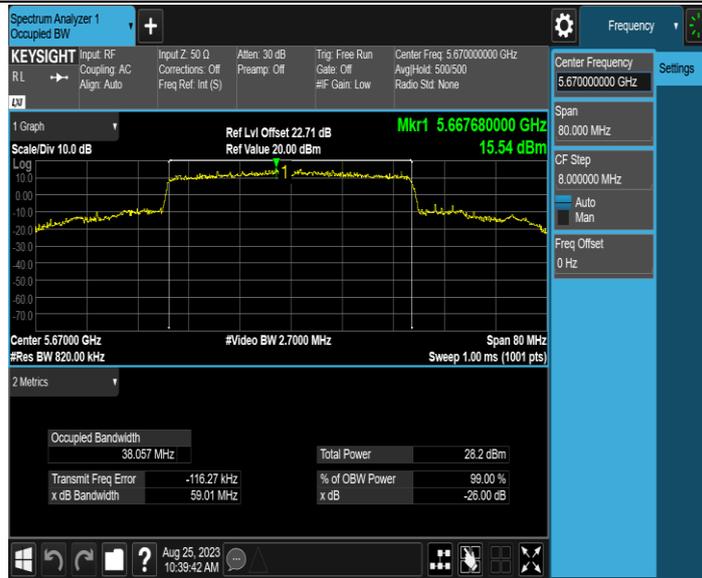
11AX40MIMO_Ant2_5550



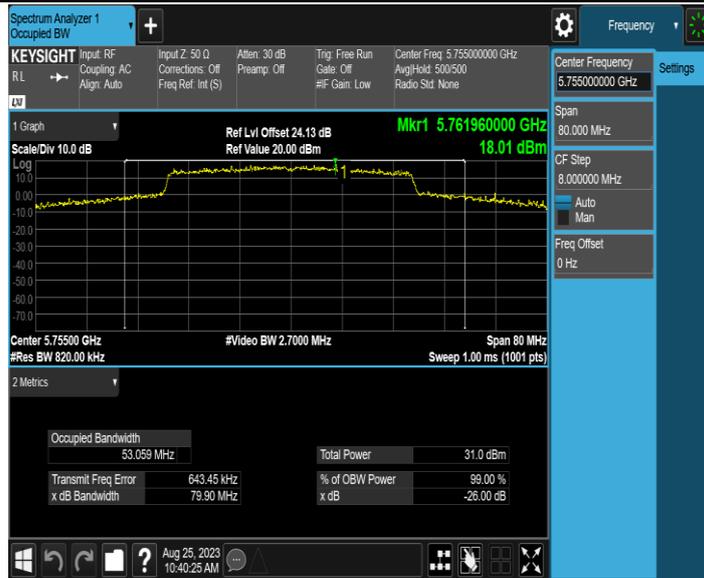
11AX40MIMO_Ant1_5670



11AX40MIMO_Ant2_5670



11AX40MIMO_Ant1_5755



11AX40MIMO_Ant2_5755



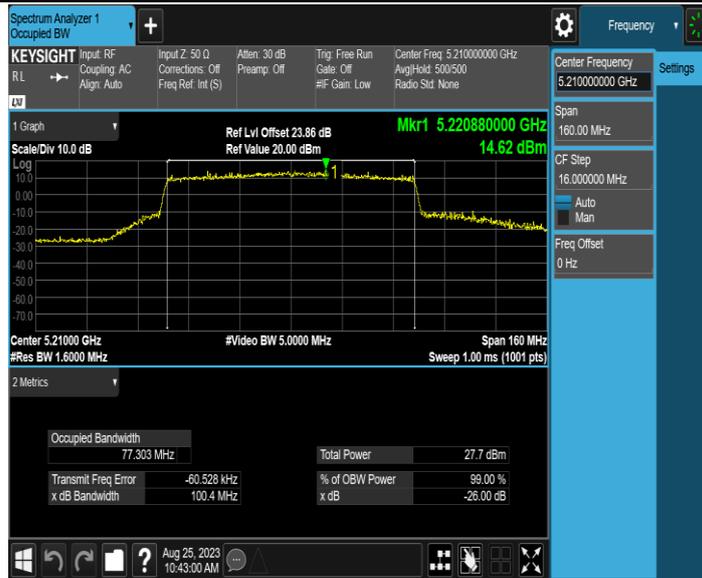
11AX40MIMO_Ant1_5795



11AX40MIMO_Ant2_5795



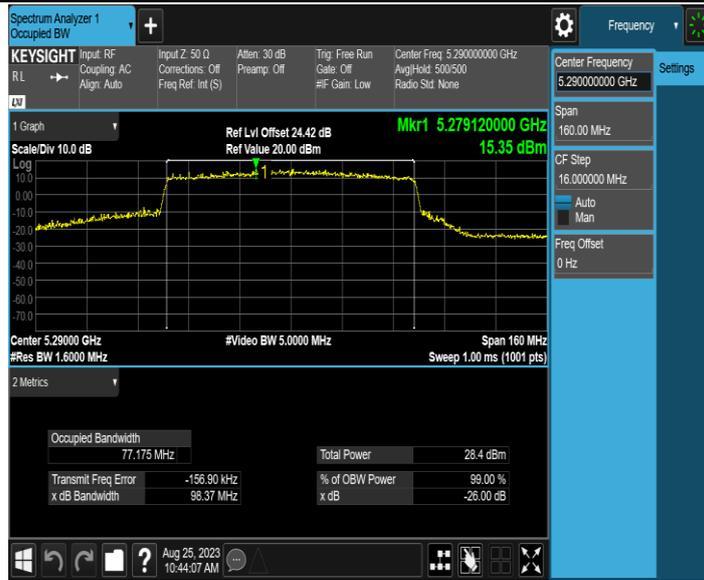
11AX80MIMO_Ant1_5210



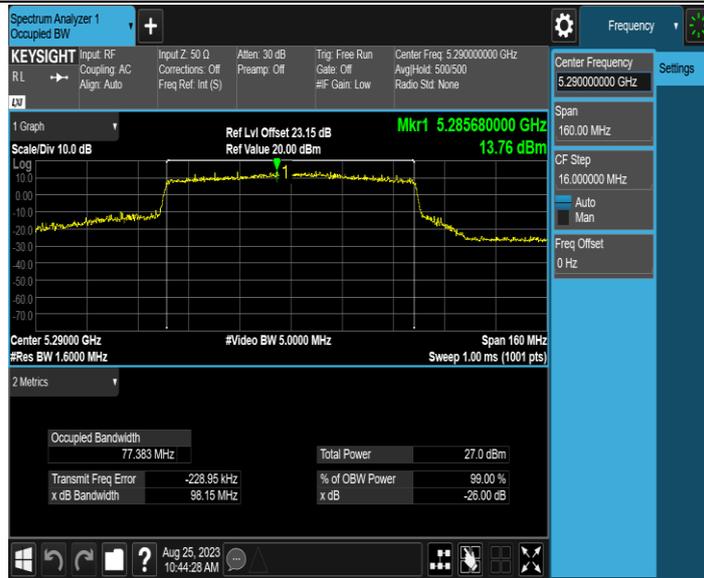
11AX80MIMO_Ant2_5210



11AX80MIMO_Ant1_5290



11AX80MIMO_Ant2_5290



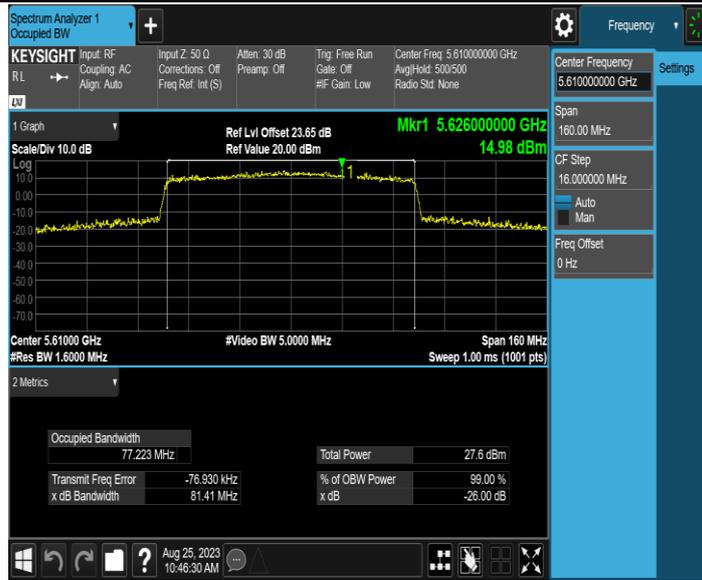
11AX80MIMO_Ant1_5530



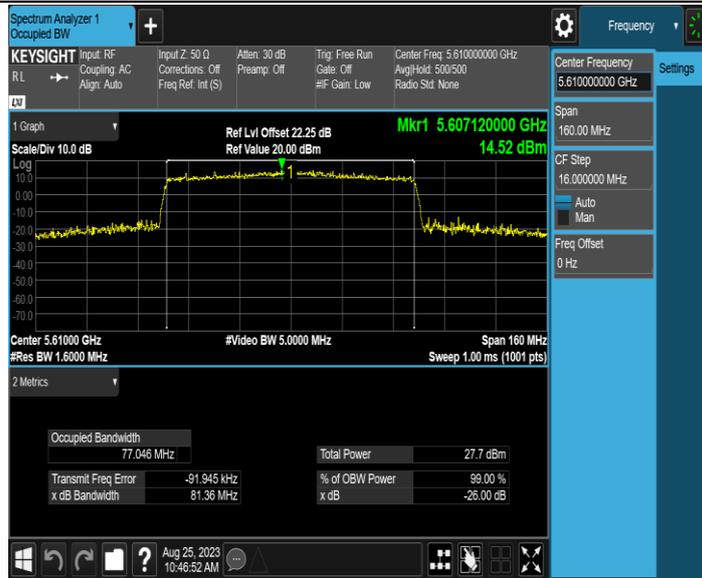
11AX80MIMO_Ant2_5530



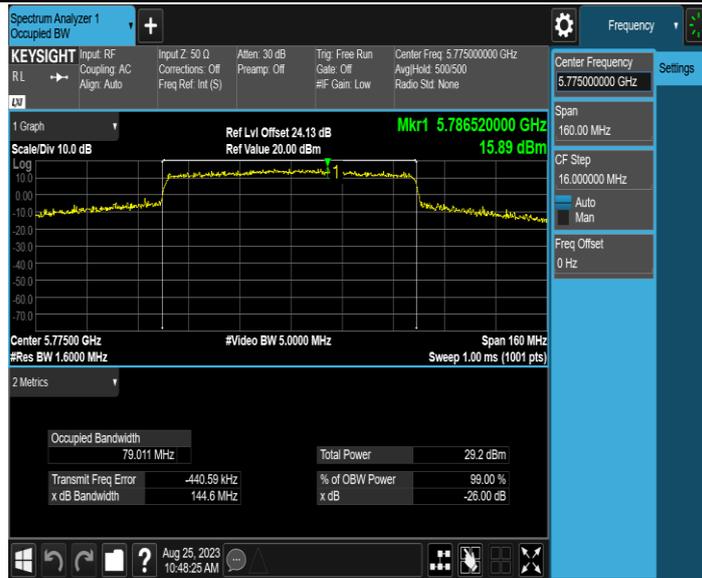
11AX80MIMO_Ant1_5610



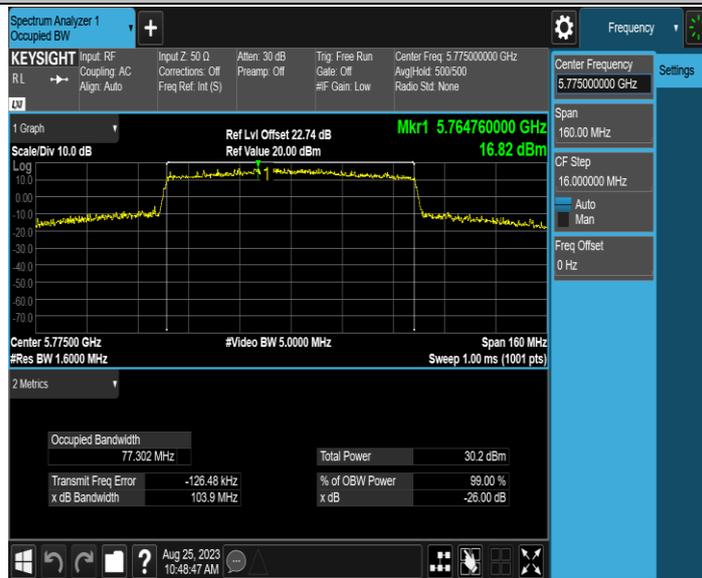
11AX80MIMO_Ant2_5610



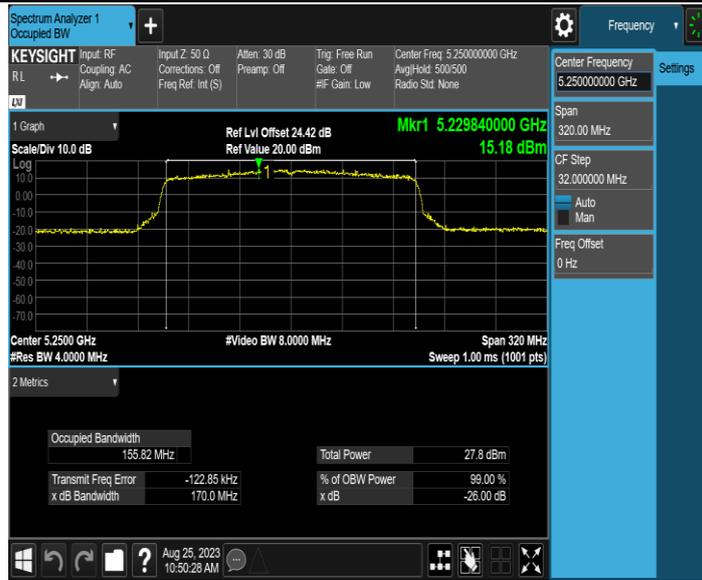
11AX80MIMO_Ant1_5775



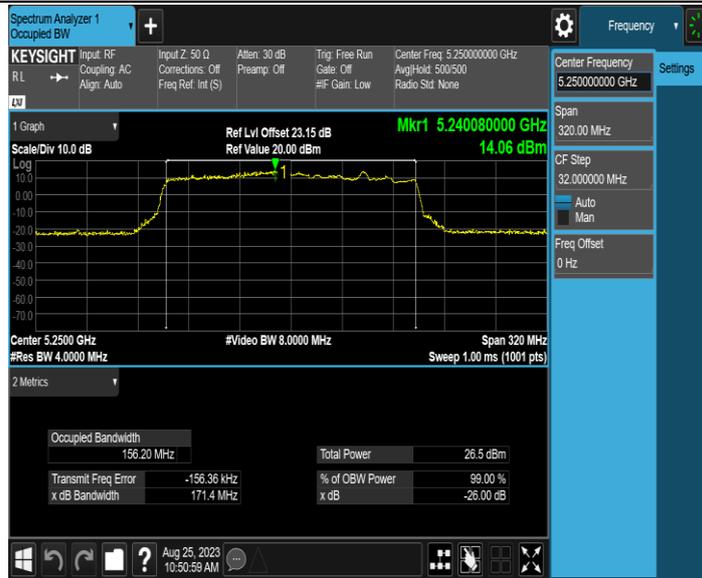
11AX80MIMO_Ant2_5775



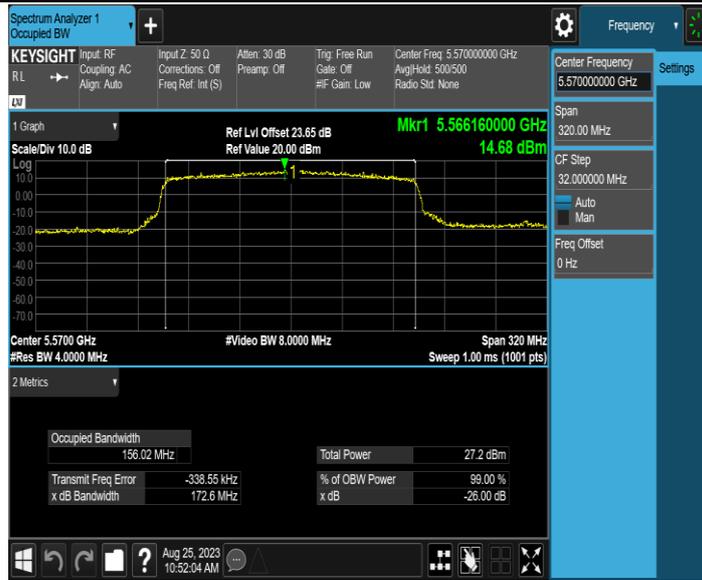
11AX160MIMO_Ant1_5250



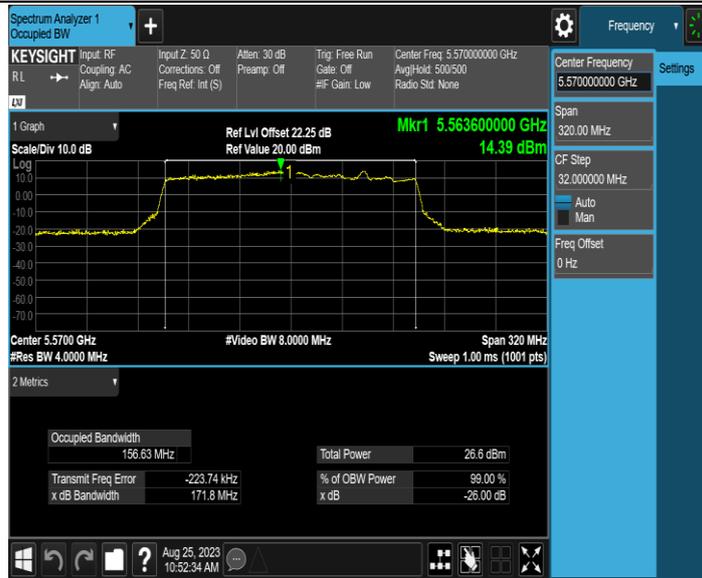
11AX160MIMO_Ant2_5250



11AX160MIMO_Ant1_5570



11AX160MIMO_Ant2_5570



Min emission bandwidth

TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5745	18.760	5735.520	5754.280	0.5	PASS
	Ant2	5745	16.960	5736.120	5753.080	0.5	PASS
	Ant1	5785	17.520	5776.120	5793.640	0.5	PASS
	Ant2	5785	17.200	5776.160	5793.360	0.5	PASS
	Ant1	5825	16.320	5816.160	5832.480	0.5	PASS
	Ant2	5825	17.320	5816.160	5833.480	0.5	PASS
11N20MIMO	Ant1	5745	16.680	5736.400	5753.080	0.5	PASS
	Ant2	5745	17.600	5736.120	5753.720	0.5	PASS
	Ant1	5785	16.760	5776.520	5793.280	0.5	PASS
	Ant2	5785	17.160	5776.520	5793.680	0.5	PASS
	Ant1	5825	17.280	5816.400	5833.680	0.5	PASS
	Ant2	5825	17.520	5816.160	5833.680	0.5	PASS
11N40MIMO	Ant1	5755	32.560	5737.400	5769.960	0.5	PASS
	Ant2	5755	33.840	5737.400	5771.240	0.5	PASS
	Ant1	5795	35.040	5777.400	5812.440	0.5	PASS
	Ant2	5795	35.040	5777.400	5812.440	0.5	PASS
11AC80MIMO	Ant1	5775	75.040	5737.400	5812.440	0.5	PASS
	Ant2	5775	75.040	5737.400	5812.440	0.5	PASS
11AX20MIMO	Ant1	5745	18.000	5735.760	5753.760	0.5	PASS
	Ant2	5745	18.000	5735.800	5753.800	0.5	PASS
	Ant1	5785	17.520	5776.240	5793.760	0.5	PASS
	Ant2	5785	17.960	5776.000	5793.960	0.5	PASS
	Ant1	5825	17.320	5816.120	5833.440	0.5	PASS
	Ant2	5825	18.240	5815.920	5834.160	0.5	PASS
11AX40MIMO	Ant1	5755	35.040	5737.400	5772.440	0.5	PASS
	Ant2	5755	35.040	5737.400	5772.440	0.5	PASS
	Ant1	5795	36.320	5777.400	5813.720	0.5	PASS
	Ant2	5795	35.040	5777.400	5812.440	0.5	PASS
11AX80MIMO	Ant1	5775	75.040	5737.400	5812.440	0.5	PASS
	Ant2	5775	75.040	5737.400	5812.440	0.5	PASS

11A-CDD_Ant1_5745



11A-CDD_Ant2_5745



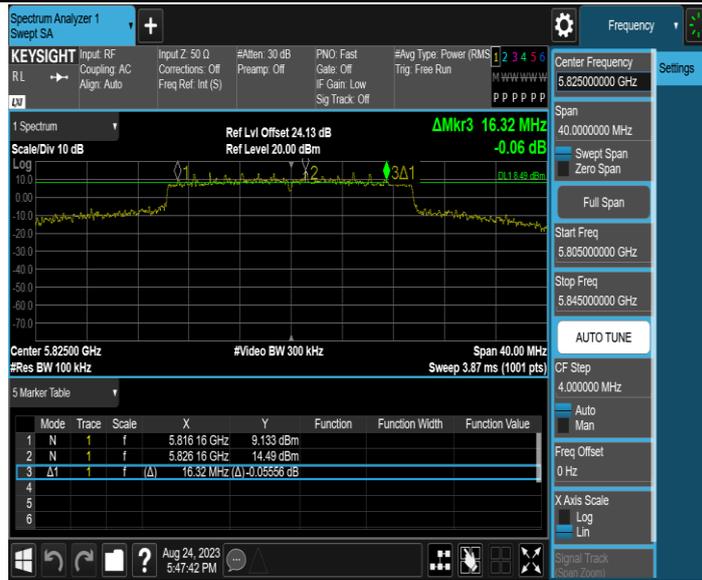
11A-CDD_Ant1_5785



11A-CDD_Ant2_5785



11A-CDD_Ant1_5825



11A-CDD_Ant2_5825



11N20MIMO_Ant1_5745



11N20MIMO_Ant2_5745



11N20MIMO_Ant1_5785



11N20MIMO_Ant2_5785



11N20MIMO_Ant1_5825



11N20MIMO_Ant2_5825



11N40MIMO_Ant1_5755



11N40MIMO_Ant2_5755



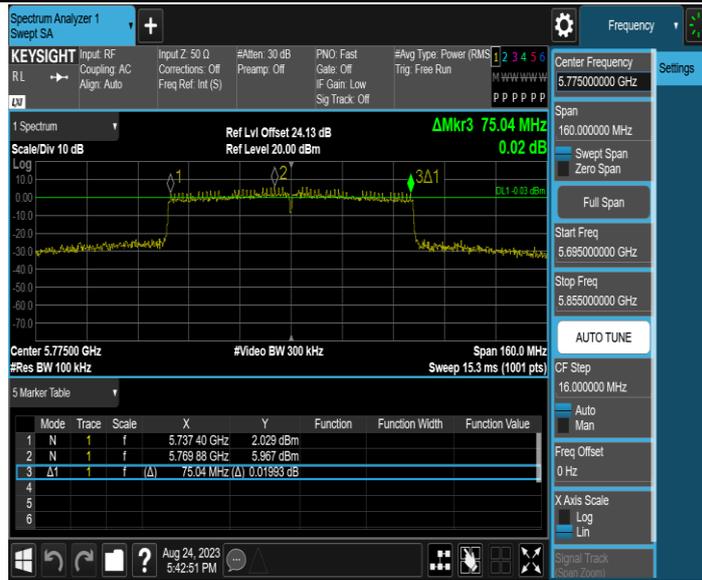
11N40MIMO_Ant1_5795



11N40MIMO_Ant2_5795



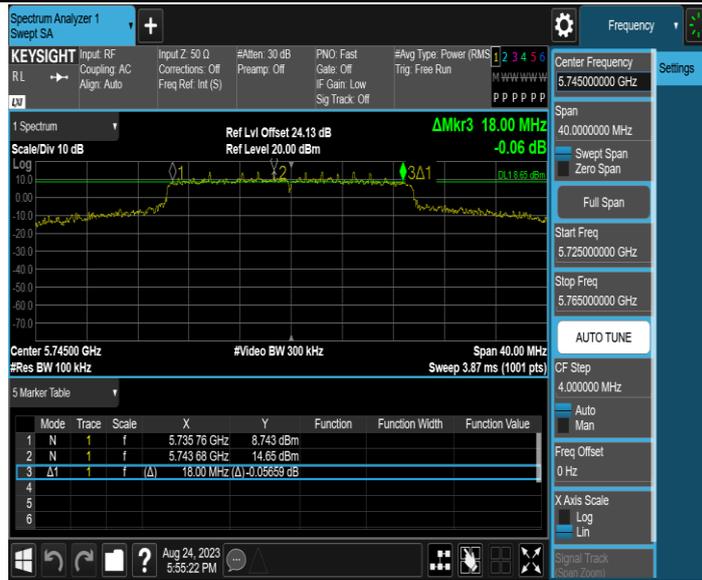
11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775



11AX20MIMO_Ant1_5745



11AX20MIMO_Ant2_5745



11AX20MIMO_Ant1_5785



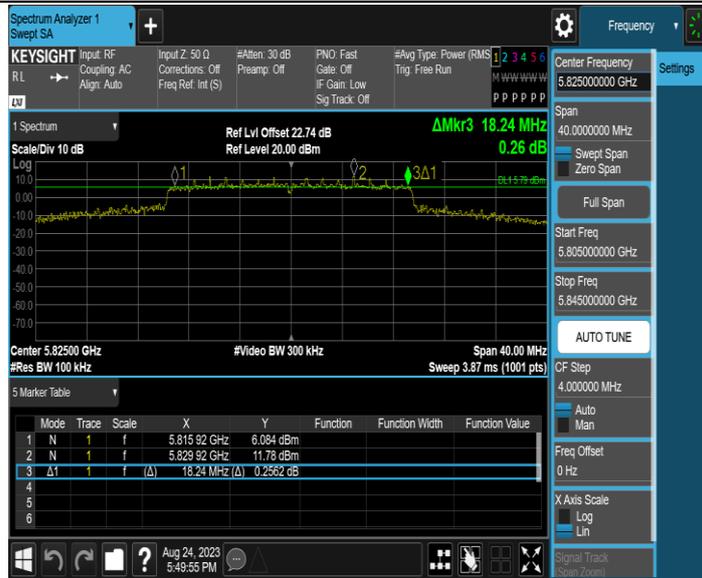
11AX20MIMO_Ant2_5785



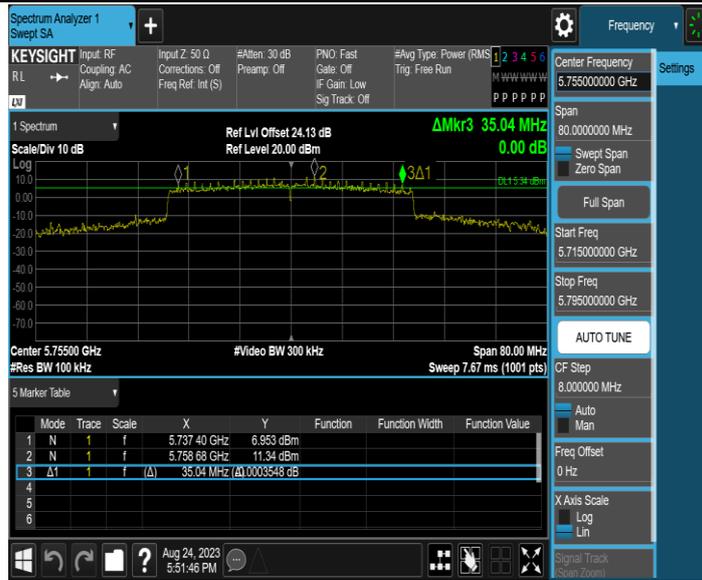
11AX20MIMO_Ant1_5825



11AX20MIMO_Ant2_5825



11AX40MIMO_Ant1_5755



11AX40MIMO_Ant2_5755



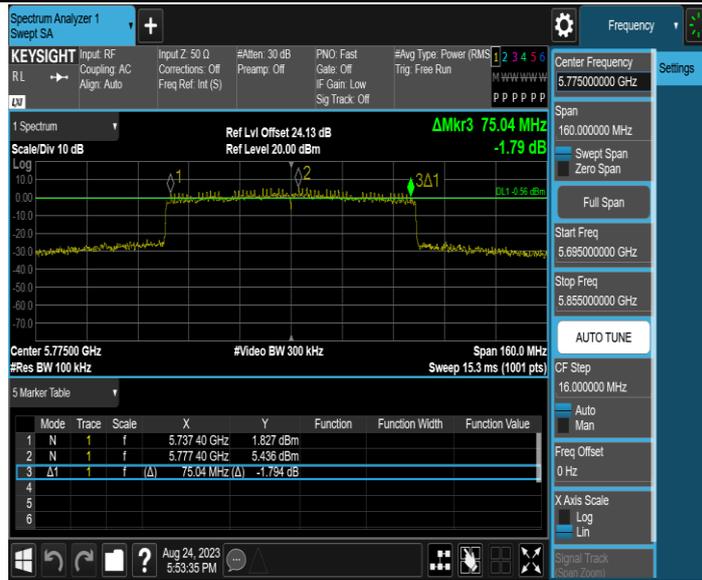
11AX40MIMO_Ant1_5795



11AX40MIMO_Ant2_5795



11AX80MIMO_Ant1_5775



11AX80MIMO_Ant2_5775



3.4 Conducted Output Power

3.4.1 Limit

FCC Part15, Subpart E (15.407)			
Section	Test Item	Limit	Frequency Range (MHz)
15.407(a)	Conducted Output Power	Master device: 1 Watt (30 dBm) Client device: 250 mW (23.98 dBm)	5150-5250
		250 mW (23.98 dBm)	5250-5350
		250 mW (23.98 dBm)	5470-5725
		1 Watt (30dBm)	5725-5850

Note:

- a. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
- b. For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10log B, where B is the 26dB Bandwidth in megahertz.

3.4.2 Test Procedure

Test Method	
<input checked="" type="radio"/> Conducted Measurement	<input type="radio"/> Radiated Measurement
Test Channels	
<input checked="" type="radio"/> Lowest, Middle and Highest Channel	<input type="radio"/> Lowest and Highest Channel
Environmental conditions	
<input checked="" type="radio"/> Normal	<input type="radio"/> Normal and Extreme
Note: ●:Test ○:No Test	

- a) The EUT was directly connected to the power meter and antenna output port as show in the block diagram below.
- b) Test was performed in accordance with method of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

3.4.3 Test Setup



3.4.4 The Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11A-CDD	Ant1	5180	21.56	≤30.00	PASS
	Ant2	5180	20.75	≤30.00	PASS
	total	5180	24.18	≤30.00	PASS
	Ant1	5200	21.39	≤30.00	PASS
	Ant2	5200	20.55	≤30.00	PASS
	total	5200	24.00	≤30.00	PASS
	Ant1	5240	21.64	≤30.00	PASS
	Ant2	5240	20.84	≤30.00	PASS
	total	5240	24.27	≤30.00	PASS
	Ant1	5260	18.66	≤23.98	PASS
	Ant2	5260	18.26	≤23.98	PASS
	total	5260	21.47	≤23.98	PASS
	Ant1	5280	18.69	≤23.98	PASS
	Ant2	5280	18.24	≤23.98	PASS
	total	5280	21.48	≤23.98	PASS
	Ant1	5320	18.15	≤23.98	PASS
	Ant2	5320	17.67	≤23.98	PASS
	total	5320	20.93	≤23.98	PASS
	Ant1	5500	18.09	≤23.08	PASS
	Ant2	5500	17.41	≤23.08	PASS
	total	5500	20.77	≤23.08	PASS
	Ant1	5580	18.35	≤23.08	PASS
	Ant2	5580	17.01	≤23.08	PASS
	total	5580	20.74	≤23.08	PASS
	Ant1	5700	18.27	≤23.08	PASS
	Ant2	5700	17.58	≤23.08	PASS
	total	5700	20.95	≤23.08	PASS
	Ant1	5745	23.62	≤29.29	PASS
	Ant2	5745	21.99	≤29.29	PASS
	total	5745	25.89	≤29.29	PASS
	Ant1	5785	23.02	≤29.29	PASS
	Ant2	5785	21.84	≤29.29	PASS
	total	5785	25.48	≤29.29	PASS
Ant1	5825	22.92	≤29.29	PASS	
Ant2	5825	21.64	≤29.29	PASS	
total	5825	25.34	≤29.29	PASS	
11N20MIMO	Ant1	5180	22.88	≤30.00	PASS
	Ant2	5180	19.89	≤30.00	PASS

	total	5180	24.65	≤30.00	PASS
	Ant1	5200	21.82	≤30.00	PASS
	Ant2	5200	20.81	≤30.00	PASS
	total	5200	24.35	≤30.00	PASS
	Ant1	5240	22.07	≤30.00	PASS
	Ant2	5240	20.94	≤30.00	PASS
	total	5240	24.55	≤30.00	PASS
	Ant1	5260	16.44	≤23.98	PASS
	Ant2	5260	15.68	≤23.98	PASS
	total	5260	19.09	≤23.98	PASS
	Ant1	5280	16.57	≤23.98	PASS
	Ant2	5280	15.88	≤23.98	PASS
	total	5280	19.25	≤23.98	PASS
	Ant1	5320	17.35	≤23.98	PASS
	Ant2	5320	14.30	≤23.98	PASS
	total	5320	19.10	≤23.98	PASS
	Ant1	5500	16.96	≤23.08	PASS
	Ant2	5500	17.68	≤23.08	PASS
	total	5500	20.35	≤23.08	PASS
	Ant1	5580	17.46	≤23.08	PASS
	Ant2	5580	16.16	≤23.08	PASS
	total	5580	19.87	≤23.08	PASS
	Ant1	5700	20.52	≤23.08	PASS
	Ant2	5700	15.92	≤23.08	PASS
	total	5700	21.81	≤23.08	PASS
	Ant1	5745	22.85	≤29.29	PASS
	Ant2	5745	21.09	≤29.29	PASS
	total	5745	25.07	≤29.29	PASS
	Ant1	5785	22.73	≤29.29	PASS
	Ant2	5785	21.05	≤29.29	PASS
	total	5785	24.98	≤29.29	PASS
	Ant1	5825	22.62	≤29.29	PASS
	Ant2	5825	23.78	≤29.29	PASS
	total	5825	26.25	≤29.29	PASS
11N40MIMO	Ant1	5190	22.94	≤30.00	PASS
	Ant2	5190	19.54	≤30.00	PASS
	total	5190	24.57	≤30.00	PASS
	Ant1	5230	21.98	≤30.00	PASS
	Ant2	5230	20.92	≤30.00	PASS
	total	5230	24.49	≤30.00	PASS
	Ant1	5270	19.33	≤23.98	PASS
	Ant2	5270	18.66	≤23.98	PASS

	total	5270	22.02	≤23.98	PASS
	Ant1	5310	21.00	≤23.98	PASS
	Ant2	5310	17.94	≤23.98	PASS
	total	5310	22.74	≤23.98	PASS
	Ant1	5510	19.68	≤23.08	PASS
	Ant2	5510	18.78	≤23.08	PASS
	total	5510	22.26	≤23.08	PASS
	Ant1	5550	19.37	≤23.08	PASS
	Ant2	5550	18.50	≤23.08	PASS
	total	5550	21.97	≤23.08	PASS
	Ant1	5670	19.29	≤23.08	PASS
	Ant2	5670	17.99	≤23.08	PASS
	total	5670	21.70	≤23.08	PASS
	Ant1	5755	21.99	≤29.29	PASS
	Ant2	5755	21.11	≤29.29	PASS
	total	5755	24.58	≤29.29	PASS
	Ant1	5795	22.13	≤29.29	PASS
	Ant2	5795	21.34	≤29.29	PASS
	total	5795	24.76	≤29.29	PASS
11AC80MIMO	Ant1	5210	19.63	≤30.00	PASS
	Ant2	5210	18.00	≤30.00	PASS
	total	5210	21.90	≤30.00	PASS
	Ant1	5290	19.73	≤23.98	PASS
	Ant2	5290	18.69	≤23.98	PASS
	total	5290	22.25	≤23.98	PASS
	Ant1	5530	20.64	≤23.08	PASS
	Ant2	5530	19.35	≤23.08	PASS
	total	5530	23.05	≤23.08	PASS
	Ant1	5610	20.54	≤23.08	PASS
	Ant2	5610	18.74	≤23.08	PASS
	total	5610	22.74	≤23.08	PASS
	Ant1	5775	20.99	≤29.29	PASS
	Ant2	5775	20.00	≤29.29	PASS
	total	5775	23.53	≤29.29	PASS
11AC160MIMO	Ant1	5250	19.46	≤23.98	PASS
	Ant2	5250	18.71	≤23.98	PASS
	total	5250	22.11	≤23.98	PASS
	Ant1	5570	19.37	≤23.08	PASS
	Ant2	5570	18.86	≤23.08	PASS
total	5570	22.13	≤23.08	PASS	
11AX20MIMO	Ant1	5180	22.60	≤30.00	PASS
	Ant2	5180	21.60	≤30.00	PASS

	total	5180	25.14	≤30.00	PASS
	Ant1	5200	22.33	≤30.00	PASS
	Ant2	5200	21.44	≤30.00	PASS
	total	5200	24.92	≤30.00	PASS
	Ant1	5240	22.49	≤30.00	PASS
	Ant2	5240	21.68	≤30.00	PASS
	total	5240	25.11	≤30.00	PASS
	Ant1	5260	19.25	≤23.98	PASS
	Ant2	5260	18.80	≤23.98	PASS
	total	5260	22.04	≤23.98	PASS
	Ant1	5280	19.38	≤23.98	PASS
	Ant2	5280	18.88	≤23.98	PASS
	total	5280	22.15	≤23.98	PASS
	Ant1	5320	19.29	≤23.98	PASS
	Ant2	5320	18.77	≤23.98	PASS
	total	5320	22.05	≤23.98	PASS
	Ant1	5500	19.58	≤23.08	PASS
	Ant2	5500	18.99	≤23.08	PASS
	total	5500	22.31	≤23.08	PASS
	Ant1	5580	19.39	≤23.08	PASS
	Ant2	5580	18.32	≤23.08	PASS
	total	5580	21.90	≤23.08	PASS
	Ant1	5700	19.43	≤23.08	PASS
	Ant2	5700	18.91	≤23.08	PASS
	total	5700	22.19	≤23.08	PASS
	Ant1	5745	23.77	≤29.29	PASS
	Ant2	5745	23.76	≤29.29	PASS
	total	5745	26.78	≤29.29	PASS
	Ant1	5785	23.58	≤29.29	PASS
	Ant2	5785	22.36	≤29.29	PASS
	total	5785	26.02	≤29.29	PASS
	Ant1	5825	22.40	≤29.29	PASS
	Ant2	5825	21.77	≤29.29	PASS
	total	5825	25.11	≤29.29	PASS
11AX40MIMO	Ant1	5190	21.48	≤30.00	PASS
	Ant2	5190	20.52	≤30.00	PASS
	total	5190	24.04	≤30.00	PASS
	Ant1	5230	21.25	≤30.00	PASS
	Ant2	5230	20.21	≤30.00	PASS
	total	5230	23.77	≤30.00	PASS
	Ant1	5270	19.60	≤23.98	PASS
	Ant2	5270	18.92	≤23.98	PASS

	total	5270	22.28	≤23.98	PASS
	Ant1	5310	19.82	≤23.98	PASS
	Ant2	5310	19.60	≤23.98	PASS
	total	5310	22.72	≤23.98	PASS
	Ant1	5510	19.65	≤23.08	PASS
	Ant2	5510	18.83	≤23.08	PASS
	total	5510	22.27	≤23.08	PASS
	Ant1	5550	19.58	≤23.08	PASS
	Ant2	5550	18.78	≤23.08	PASS
	total	5550	22.21	≤23.08	PASS
	Ant1	5670	20.07	≤23.08	PASS
	Ant2	5670	19.25	≤23.08	PASS
	total	5670	22.69	≤23.08	PASS
	Ant1	5755	23.30	≤29.29	PASS
	Ant2	5755	22.07	≤29.29	PASS
	total	5755	25.74	≤29.29	PASS
	Ant1	5795	23.40	≤29.29	PASS
	Ant2	5795	22.19	≤29.29	PASS
	total	5795	25.85	≤29.29	PASS
11AX80MIMO	Ant1	5210	20.31	≤30.00	PASS
	Ant2	5210	19.31	≤30.00	PASS
	total	5210	22.85	≤30.00	PASS
	Ant1	5290	20.01	≤23.98	PASS
	Ant2	5290	19.45	≤23.98	PASS
	total	5290	22.75	≤23.98	PASS
	Ant1	5530	20.25	≤23.08	PASS
	Ant2	5530	19.54	≤23.08	PASS
	total	5530	22.92	≤23.08	PASS
	Ant1	5610	20.40	≤23.08	PASS
	Ant2	5610	19.42	≤23.08	PASS
	total	5610	22.95	≤23.08	PASS
	Ant1	5775	21.40	≤29.29	PASS
	Ant2	5775	20.08	≤29.29	PASS
	total	5775	23.80	≤29.29	PASS
11AX160MIMO	Ant1	5250	19.88	≤23.98	PASS
	Ant2	5250	18.79	≤23.98	PASS
	total	5250	22.38	≤23.98	PASS
	Ant1	5570	19.69	≤23.08	PASS
	Ant2	5570	18.96	≤23.08	PASS
	total	5570	22.35	≤23.08	PASS

Note: The results have compensated for the Duty Cycle Correction Factor.