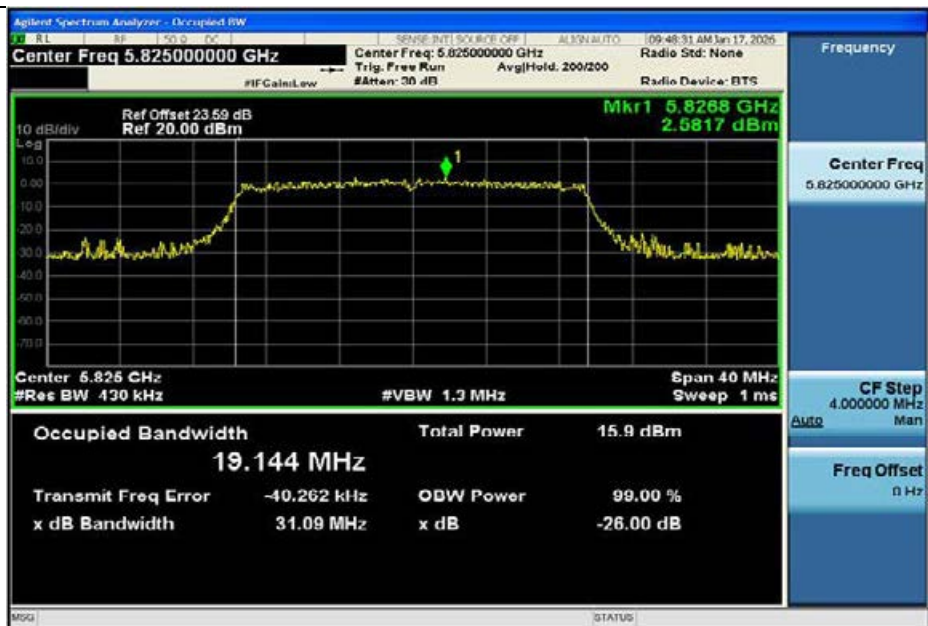
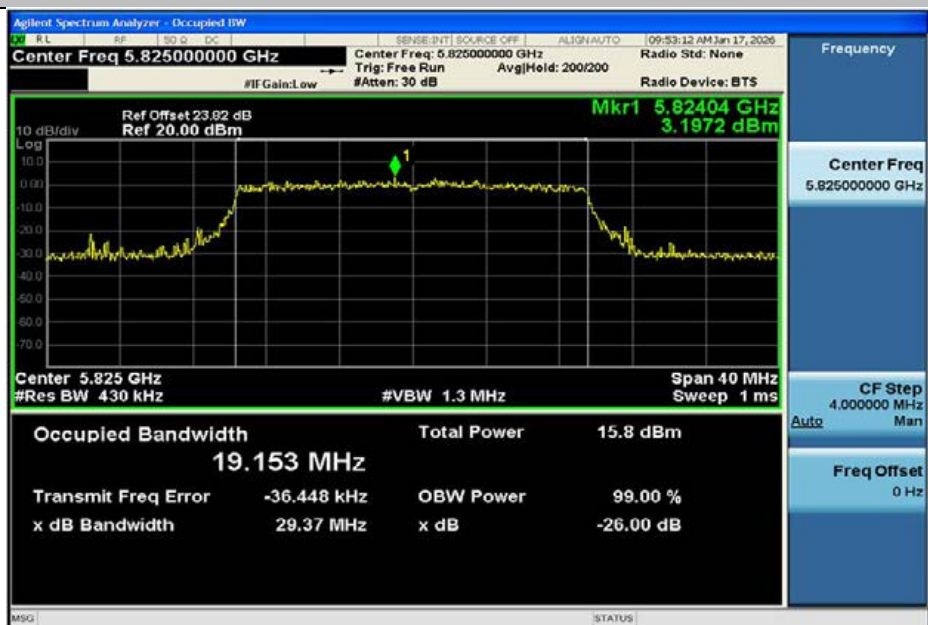
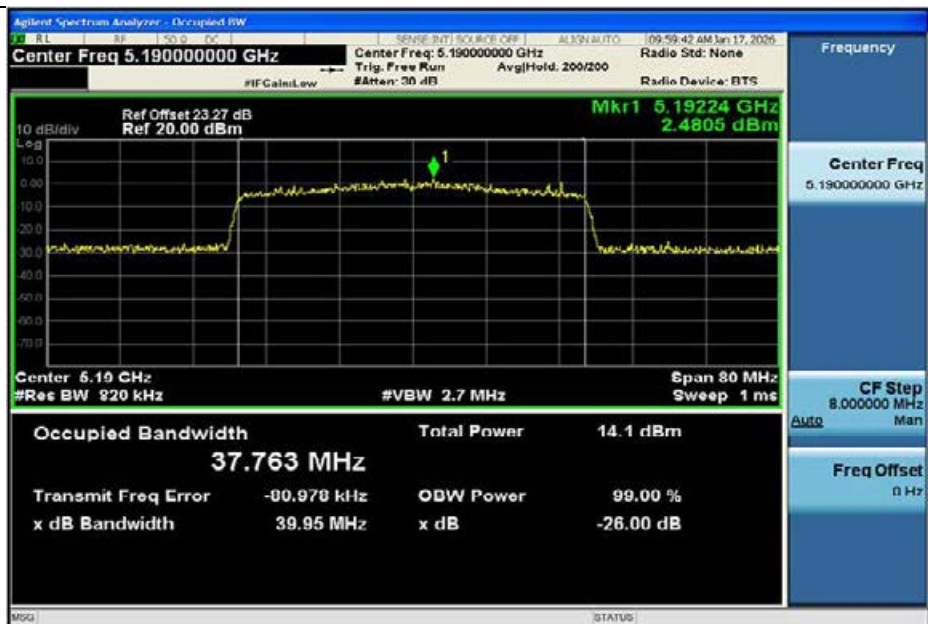




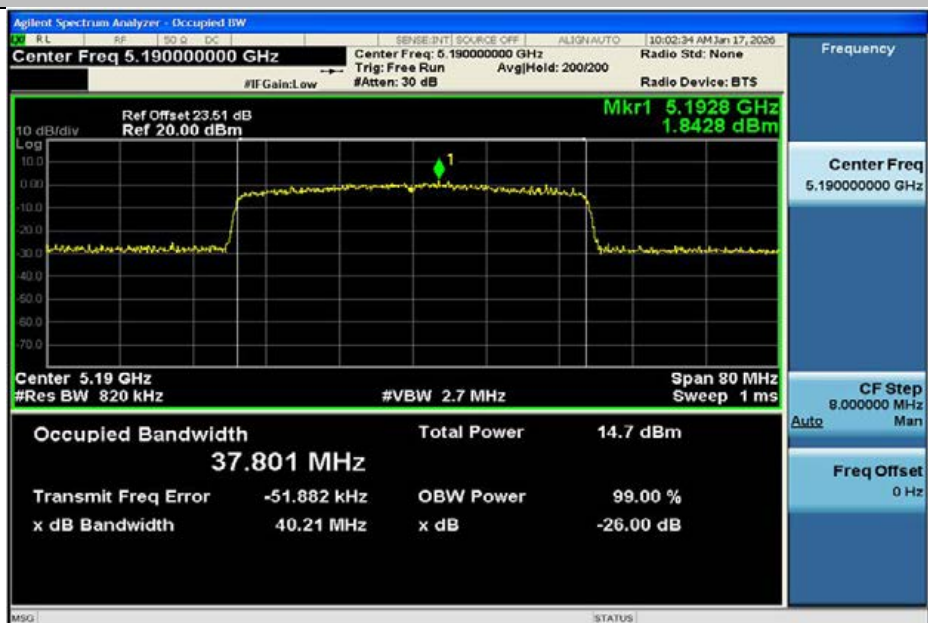
11AX20MIMO-Ant1-5825



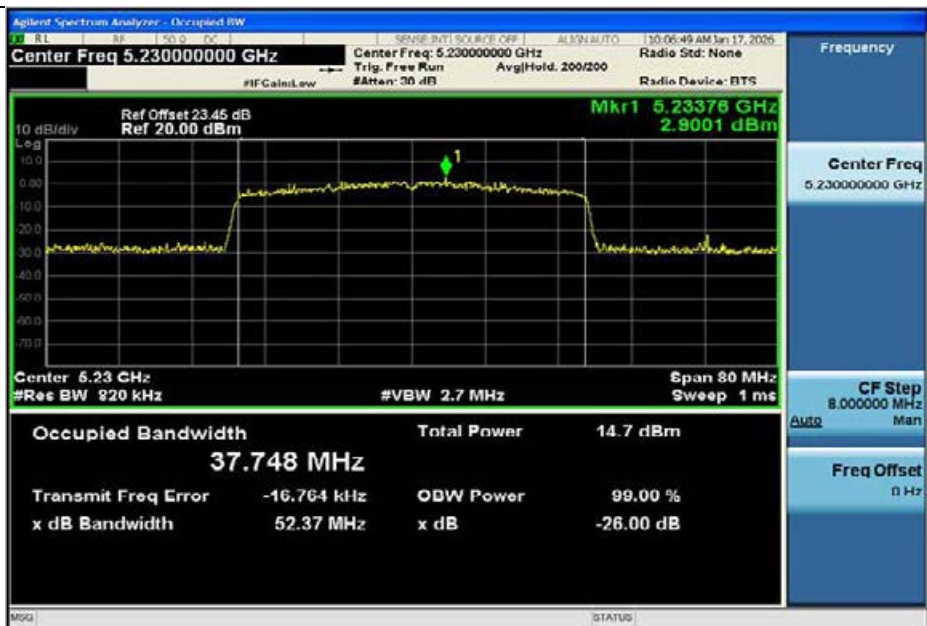
11AX20MIMO-Ant2-5825



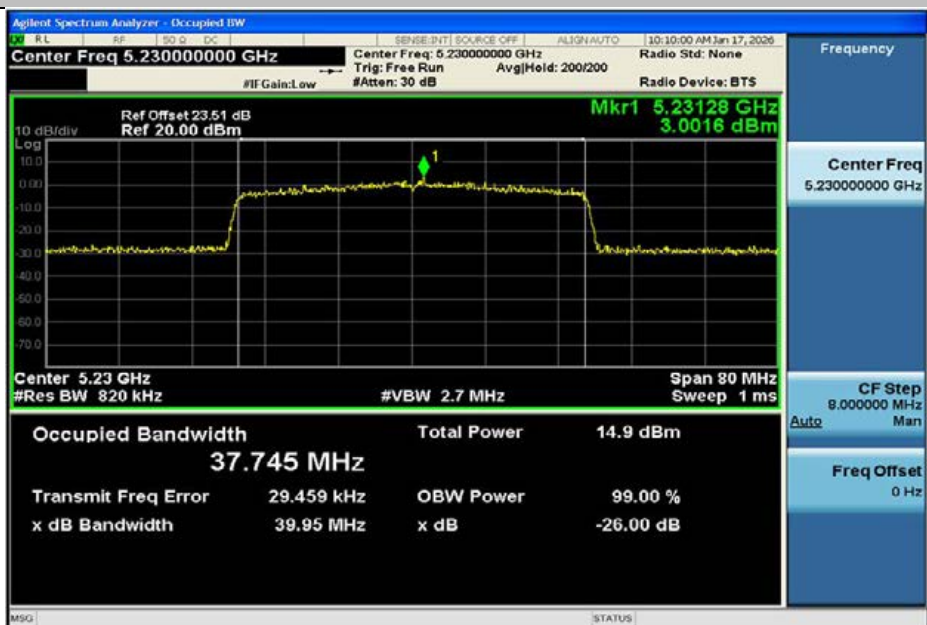
11AX40MIMO-Ant1-5190



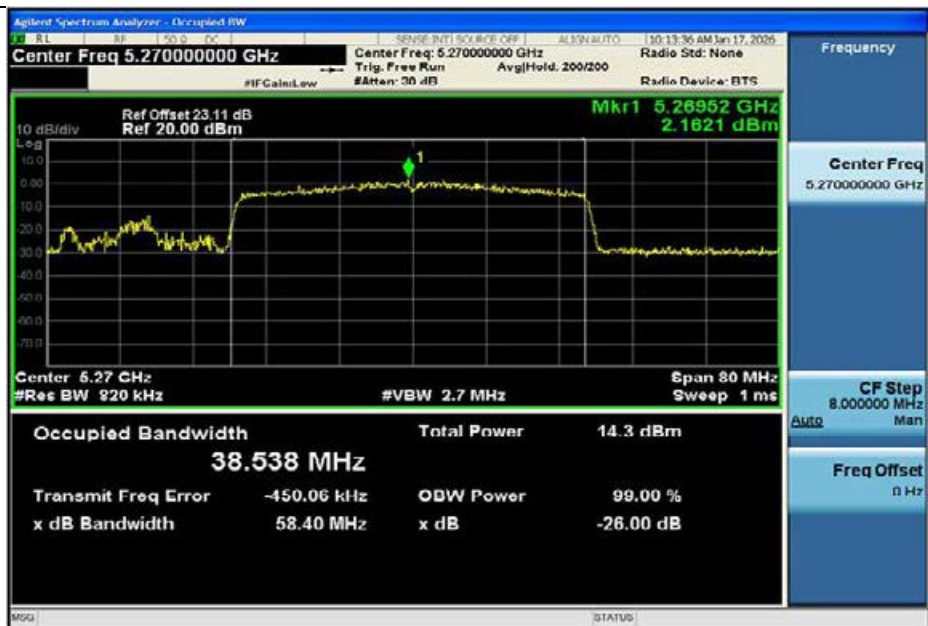
11AX40MIMO-Ant2-5190



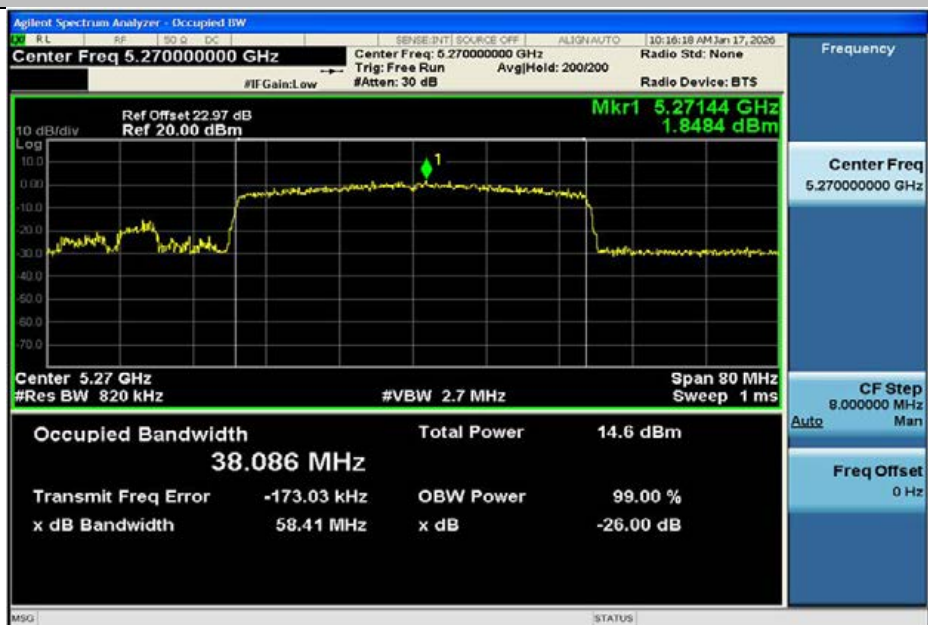
11AX40MIMO-Ant1-5230



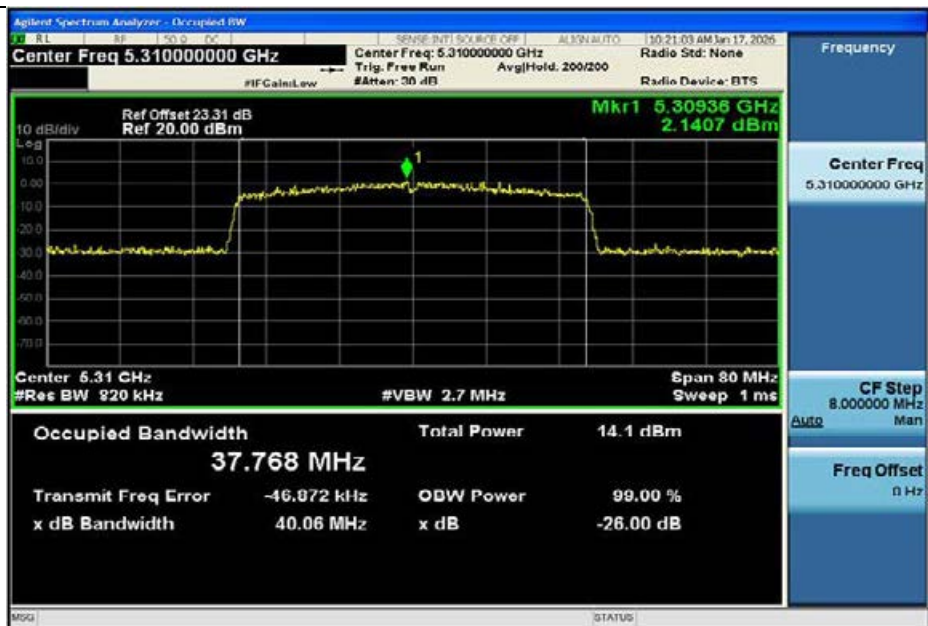
11AX40MIMO-Ant2-5230



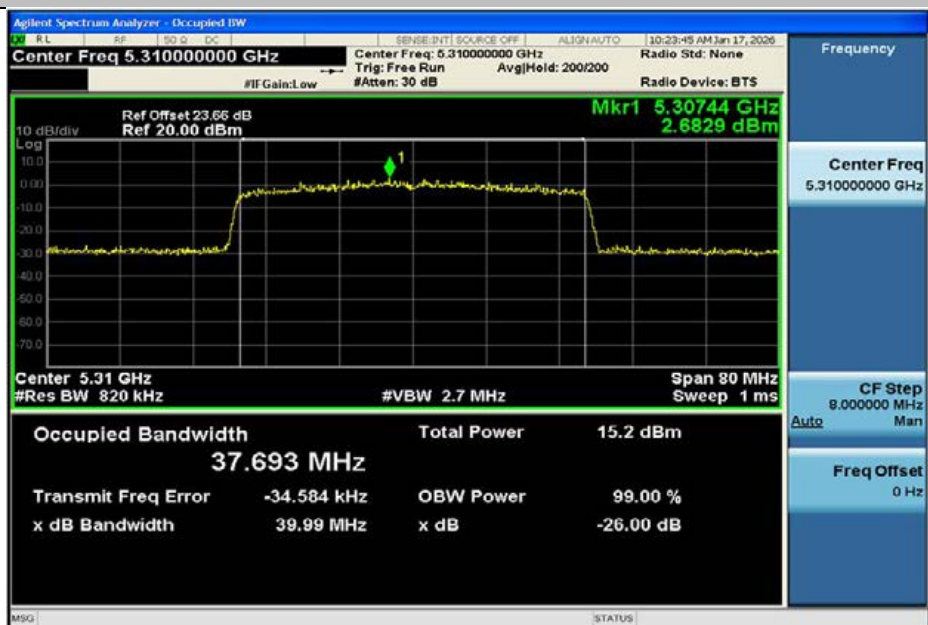
11AX40MIMO-Ant1-5270



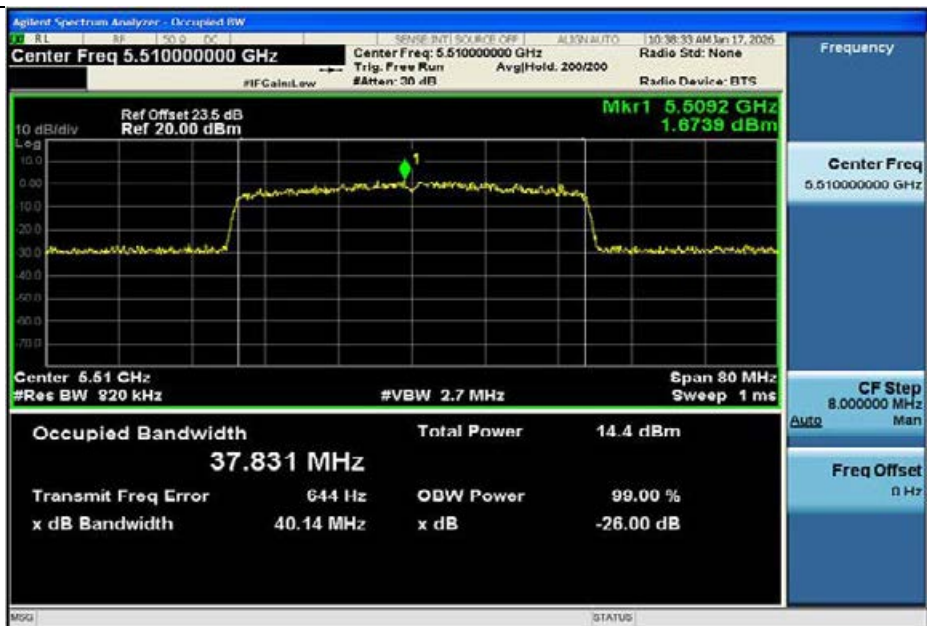
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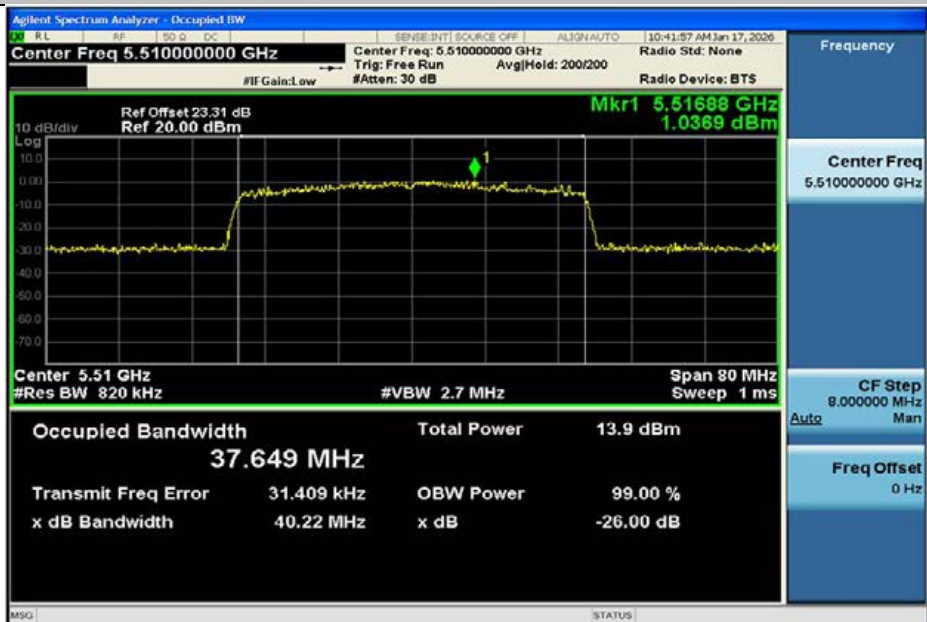
11AX40MIMO-Ant1-5310



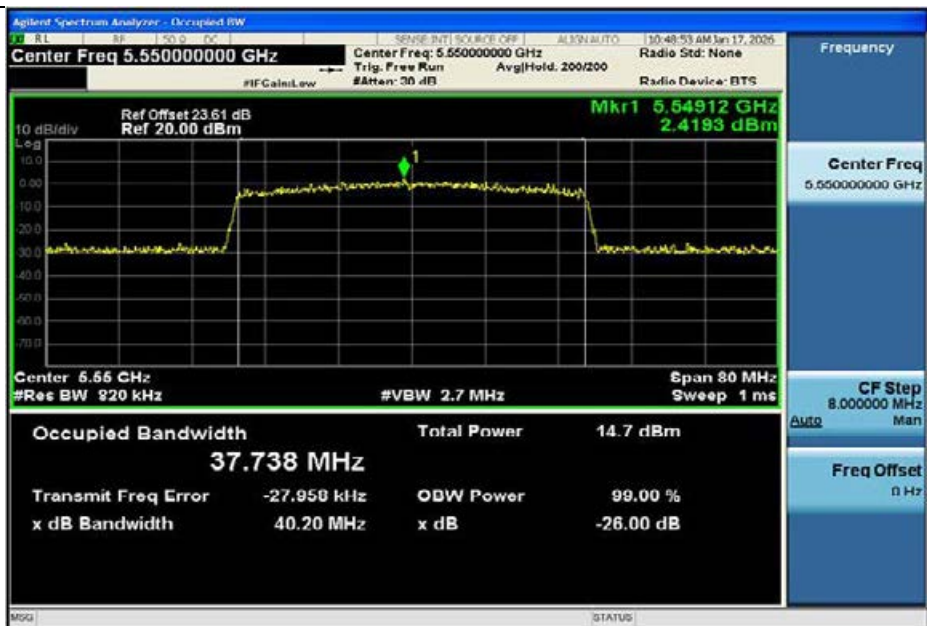
11AX40MIMO-Ant2-5310



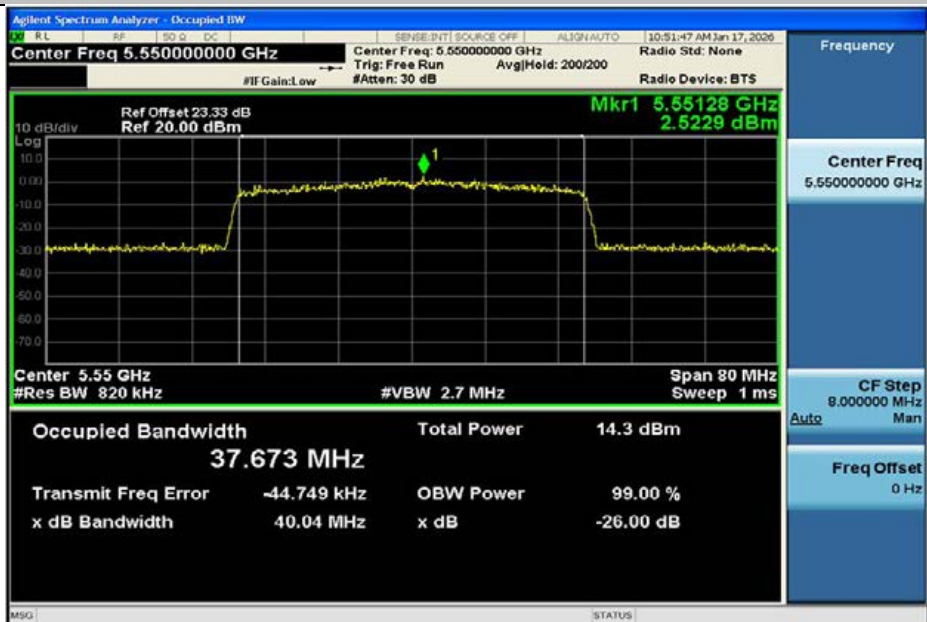
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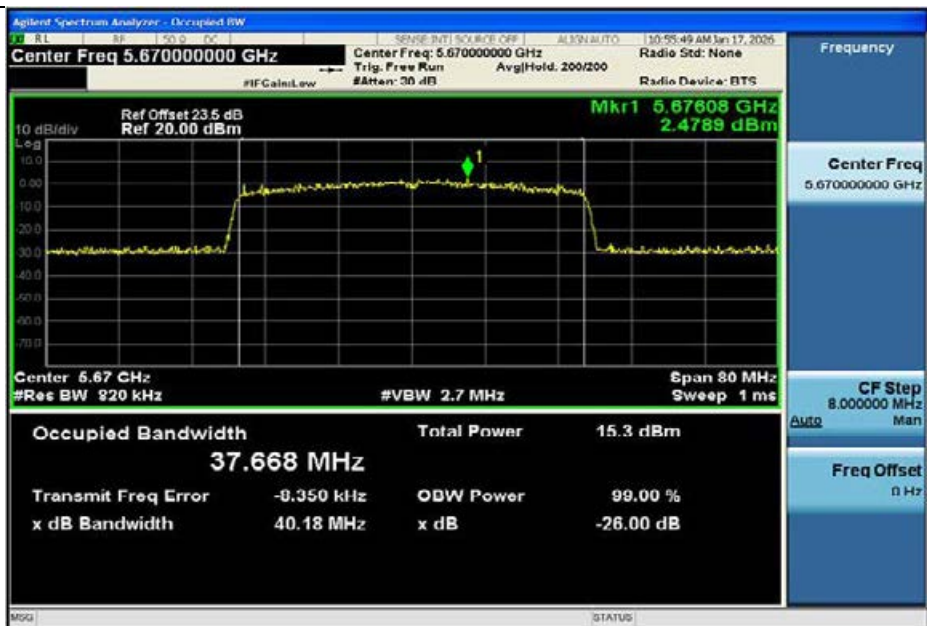
11AX40MIMO-Ant2-5510



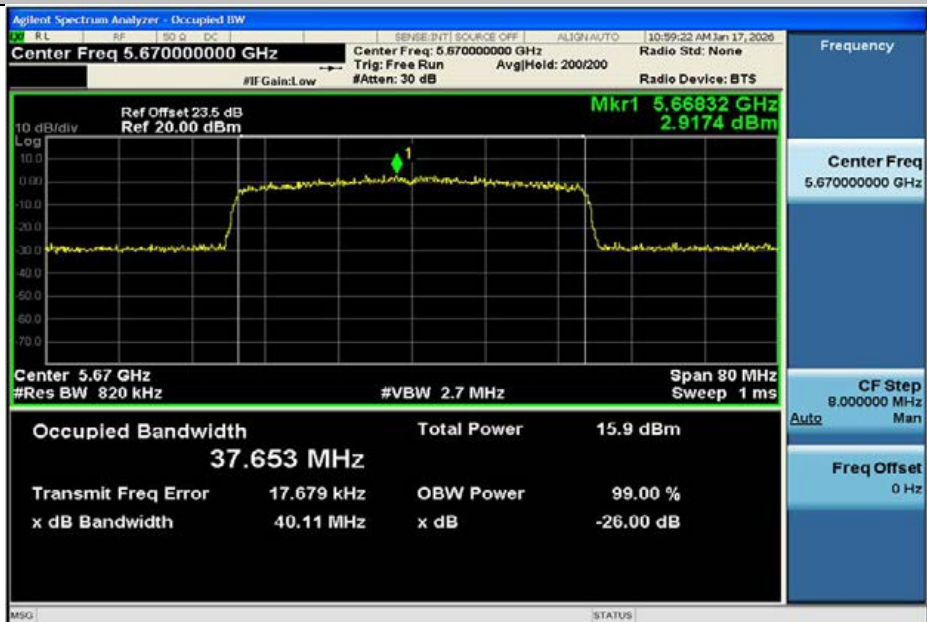
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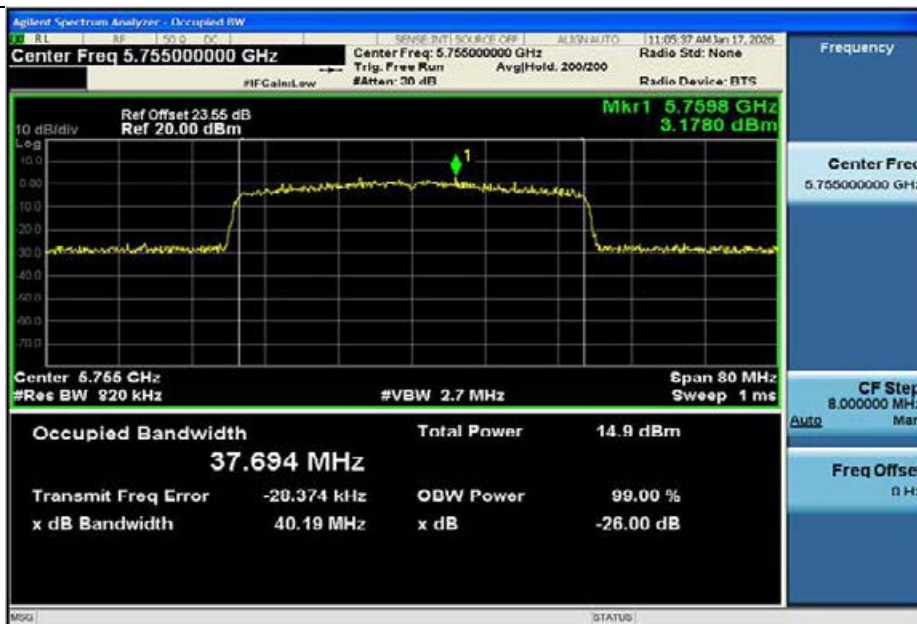
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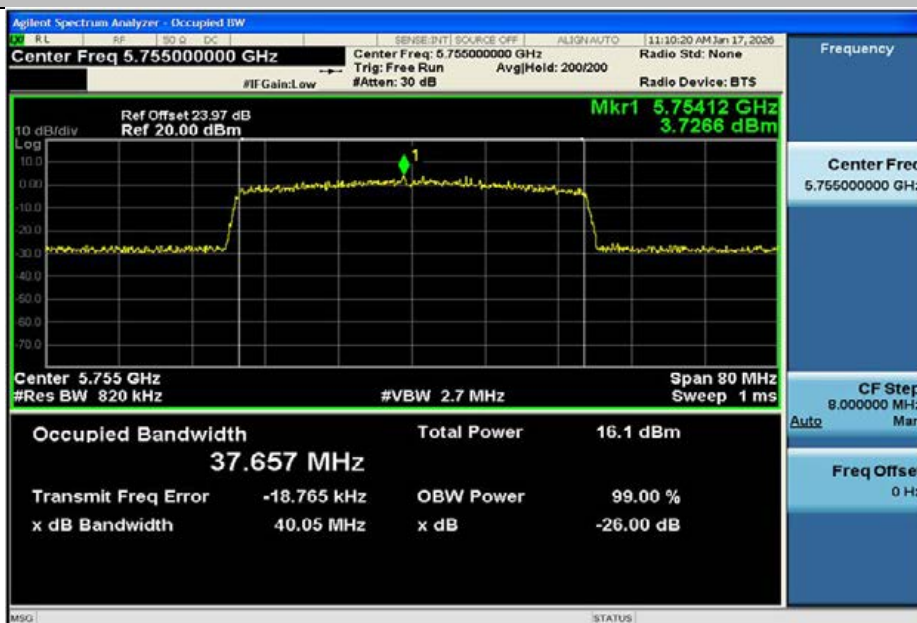
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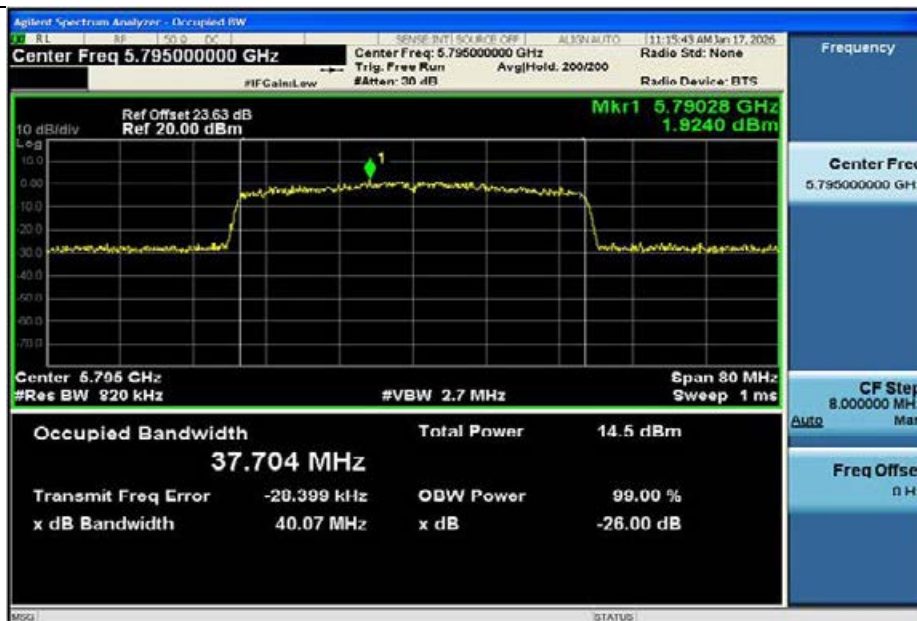
11AX40MIMO-Ant2-5670



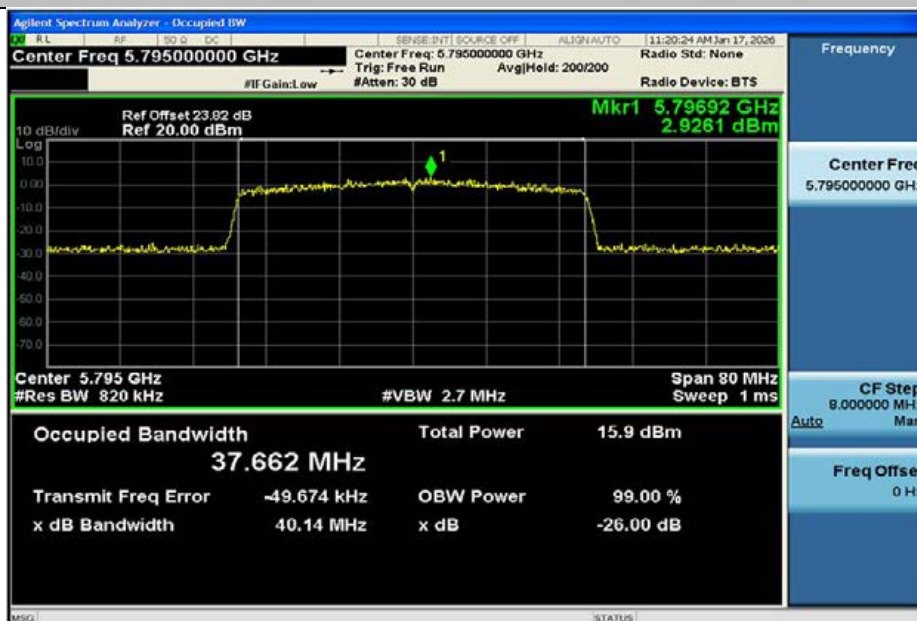
11AX40MIMO-Ant1-5755



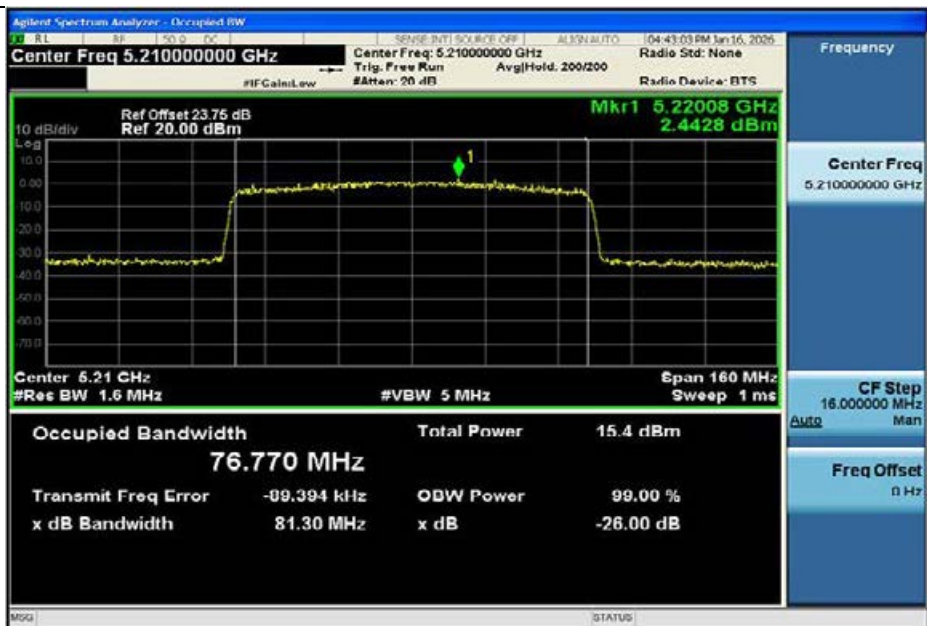
11AX40MIMO-Ant2-5755



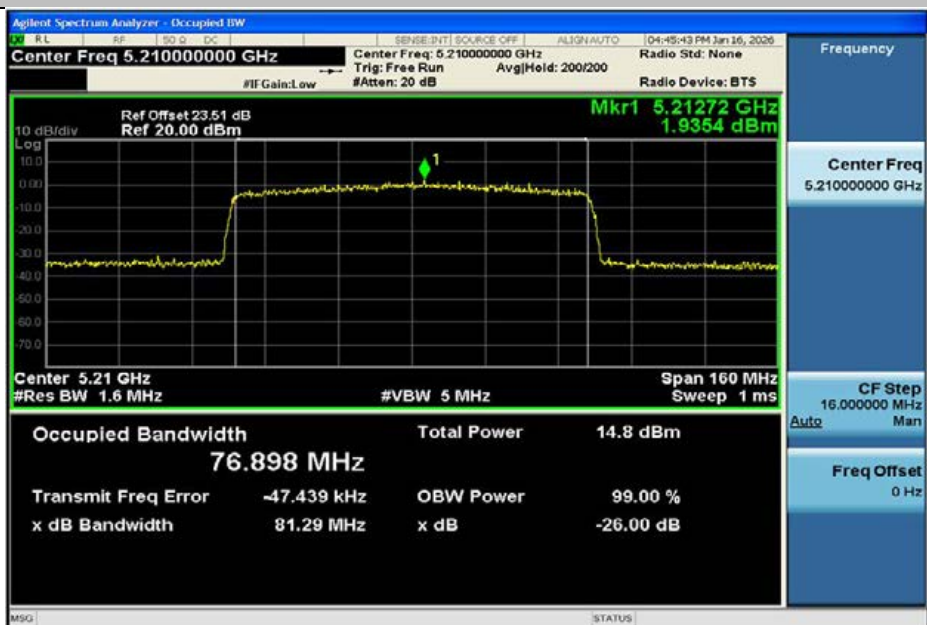
11AX40MIMO-Ant1-5795



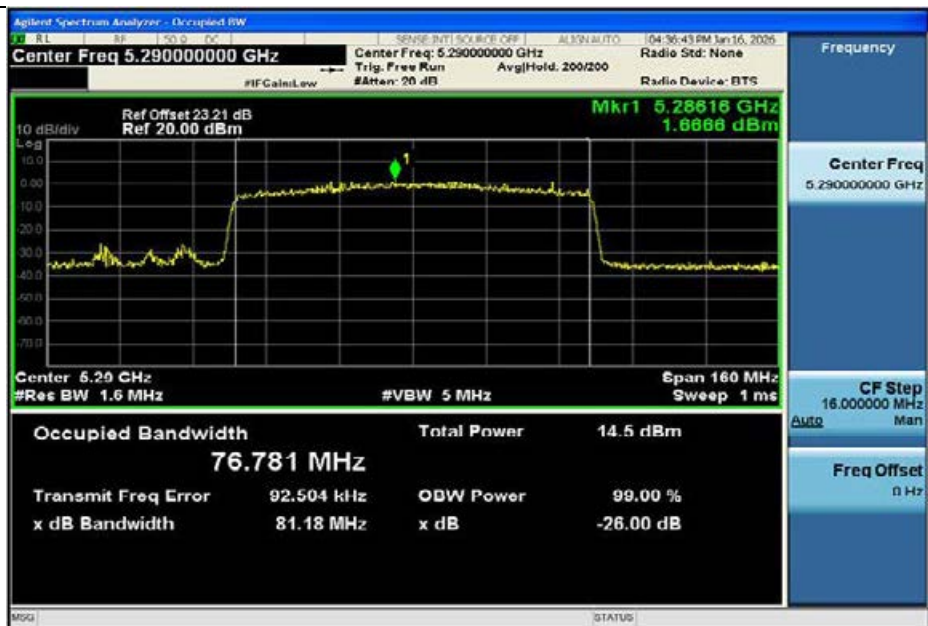
11AX40MIMO-Ant2-5795



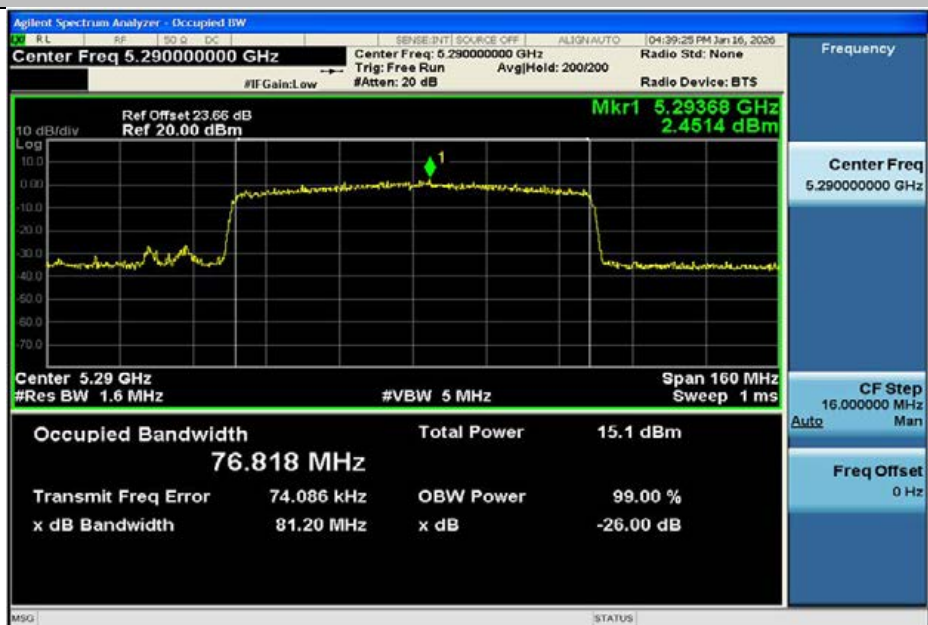
11AX80MIMO-Ant1-5210



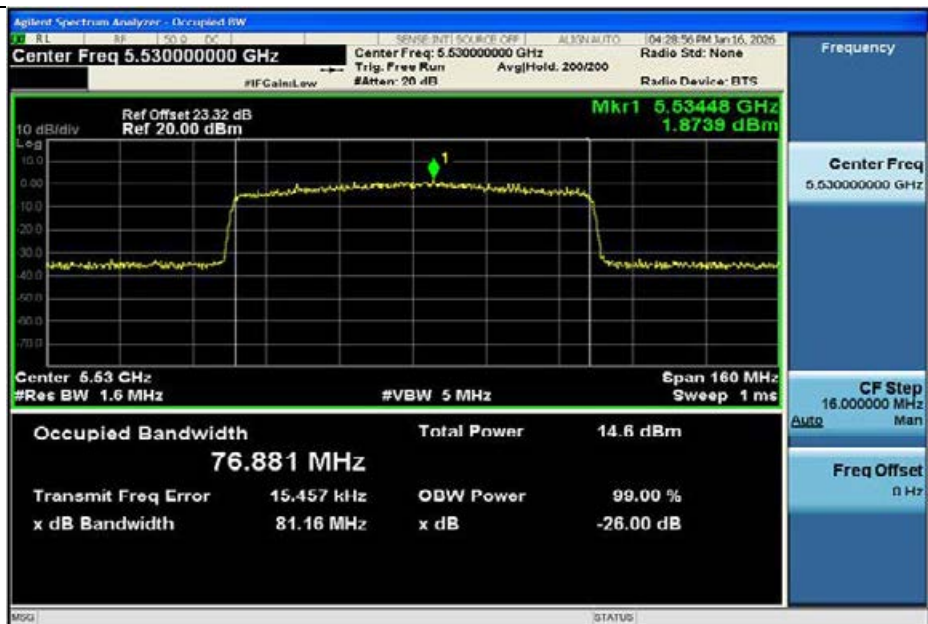
11AX80MIMO-Ant2-5210



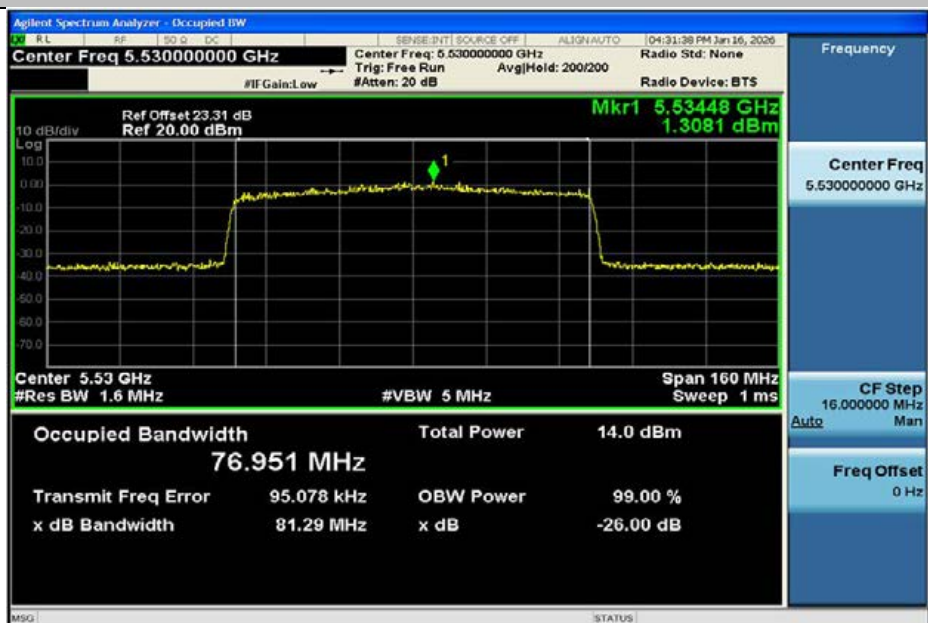
11AX80MIMO-Ant1-5290



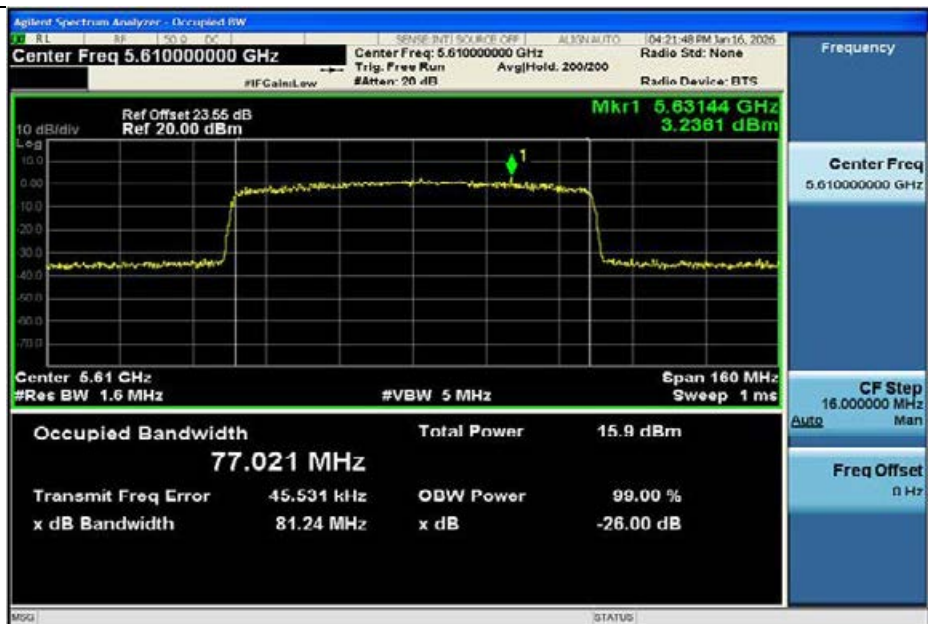
11AX80MIMO-Ant2-5290



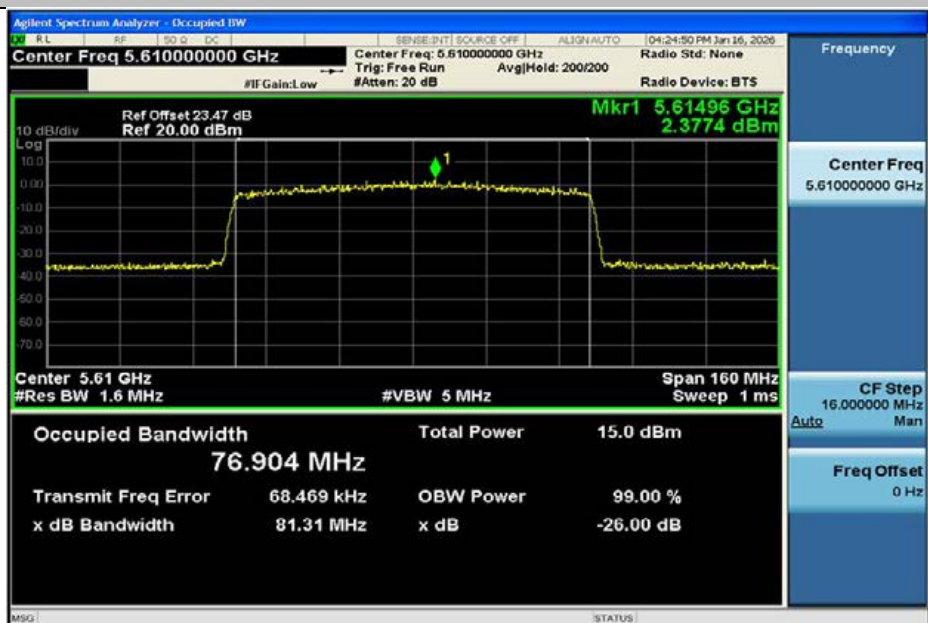
11AX80MIMO-Ant1-5530



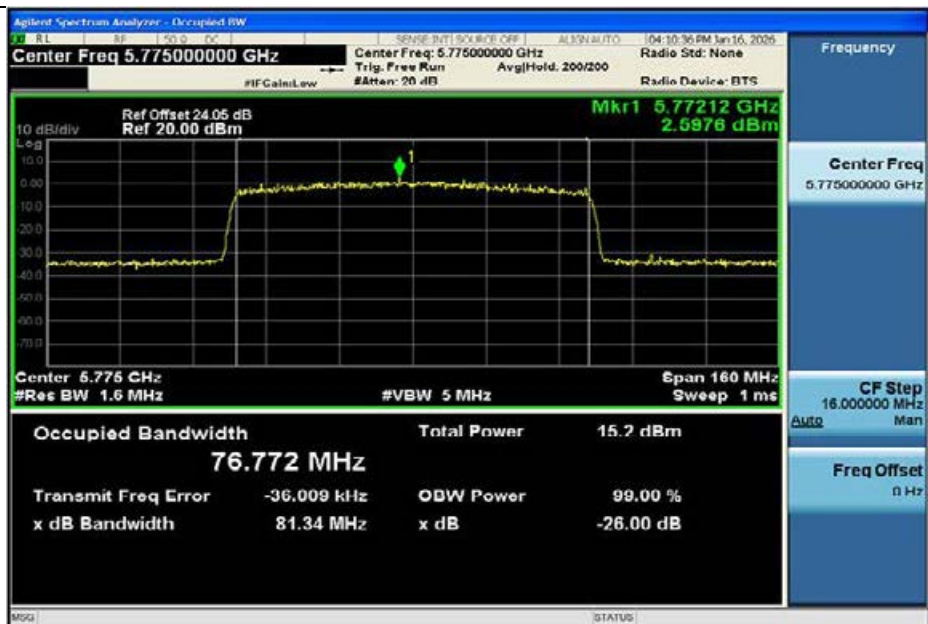
11AX80MIMO-Ant2-5530



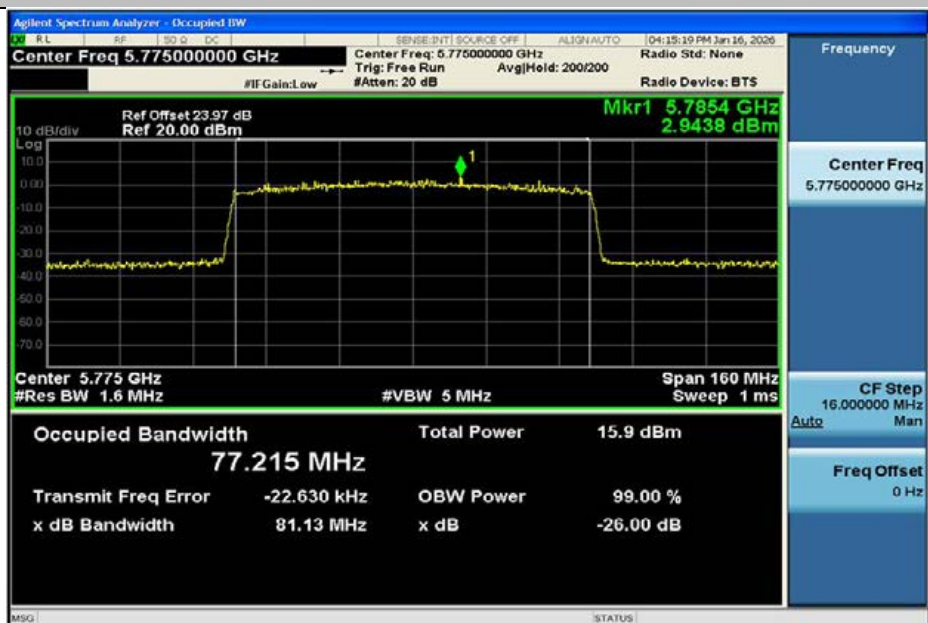
11AX80MIMO-Ant1-5610



11AX80MIMO-Ant2-5610



11AX80MIMO-Ant1-5775



11AX80MIMO-Ant2-5775

Min emission bandwidth

Test Mode	Antenna	Frequency[MHz]	6dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5745	16.320	5736.760	5753.080	0.5	PASS
11A-CDD	Ant2	5745	16.280	5736.800	5753.080	0.5	PASS
11A-CDD	Ant1	5785	16.080	5776.800	5792.880	0.5	PASS
11A-CDD	Ant2	5785	16.280	5776.800	5793.080	0.5	PASS
11A-CDD	Ant1	5825	16.280	5816.800	5833.080	0.5	PASS
11A-CDD	Ant2	5825	16.320	5816.800	5833.120	0.5	PASS
11N20MIMO	Ant1	5745	16.760	5736.440	5753.200	0.5	PASS
11N20MIMO	Ant2	5745	17.600	5736.160	5753.760	0.5	PASS
11N20MIMO	Ant1	5785	17.560	5776.160	5793.720	0.5	PASS
11N20MIMO	Ant2	5785	17.600	5776.160	5793.760	0.5	PASS
11N20MIMO	Ant1	5825	17.560	5816.160	5833.720	0.5	PASS
11N20MIMO	Ant2	5825	17.560	5816.160	5833.720	0.5	PASS
11N40MIMO	Ant1	5755	33.760	5738.680	5772.440	0.5	PASS
11N40MIMO	Ant2	5755	35.040	5737.400	5772.440	0.5	PASS
11N40MIMO	Ant1	5795	35.040	5777.400	5812.440	0.5	PASS
11N40MIMO	Ant2	5795	35.120	5777.400	5812.520	0.5	PASS
11AC20MIMO	Ant1	5745	15.480	5737.360	5752.840	0.5	PASS
11AC20MIMO	Ant2	5745	17.600	5736.160	5753.760	0.5	PASS
11AC20MIMO	Ant1	5785	17.560	5776.160	5793.720	0.5	PASS
11AC20MIMO	Ant2	5785	17.600	5776.160	5793.760	0.5	PASS
11AC20MIMO	Ant1	5825	17.280	5816.440	5833.720	0.5	PASS
11AC20MIMO	Ant2	5825	17.600	5816.160	5833.760	0.5	PASS
11AC40MIMO	Ant1	5755	33.840	5738.680	5772.520	0.5	PASS
11AC40MIMO	Ant2	5755	34.960	5737.480	5772.440	0.5	PASS
11AC40MIMO	Ant1	5795	35.040	5777.480	5812.520	0.5	PASS
11AC40MIMO	Ant2	5795	35.040	5777.400	5812.440	0.5	PASS
11AC80MIMO	Ant1	5775	75.040	5737.400	5812.440	0.5	PASS
11AC80MIMO	Ant2	5775	75.040	5737.400	5812.440	0.5	PASS
11AX20MIMO	Ant1	5745	18.720	5735.560	5754.280	0.5	PASS
11AX20MIMO	Ant2	5745	18.120	5735.680	5753.800	0.5	PASS
11AX20MIMO	Ant1	5785	18.840	5775.560	5794.400	0.5	PASS
11AX20MIMO	Ant2	5785	18.760	5775.560	5794.320	0.5	PASS
11AX20MIMO	Ant1	5825	18.480	5815.760	5834.240	0.5	PASS
11AX20MIMO	Ant2	5825	17.560	5816.480	5834.040	0.5	PASS
11AX40MIMO	Ant1	5755	32.560	5737.400	5769.960	0.5	PASS
11AX40MIMO	Ant2	5755	35.040	5737.400	5772.440	0.5	PASS
11AX40MIMO	Ant1	5795	35.520	5777.400	5812.920	0.5	PASS
11AX40MIMO	Ant2	5795	35.120	5777.400	5812.520	0.5	PASS
11AX80MIMO	Ant1	5775	75.040	5737.400	5812.440	0.5	PASS
11AX80MIMO	Ant2	5775	75.040	5737.400	5812.440	0.5	PASS



11A-CDD-Ant1-5745-PASS



11A-CDD-Ant2-5745-PASS



11A-CDD-Ant1-5785-PASS



11A-CDD-Ant2-5785-PASS



11A-CDD-Ant1-5825-PASS



11A-CDD-Ant2-5825-PASS



11N20MIMO-Ant1-5745-PASS



11N20MIMO-Ant2-5745-PASS



11N20MIMO-Ant1-5785-PASS



11N20MIMO-Ant2-5785-PASS



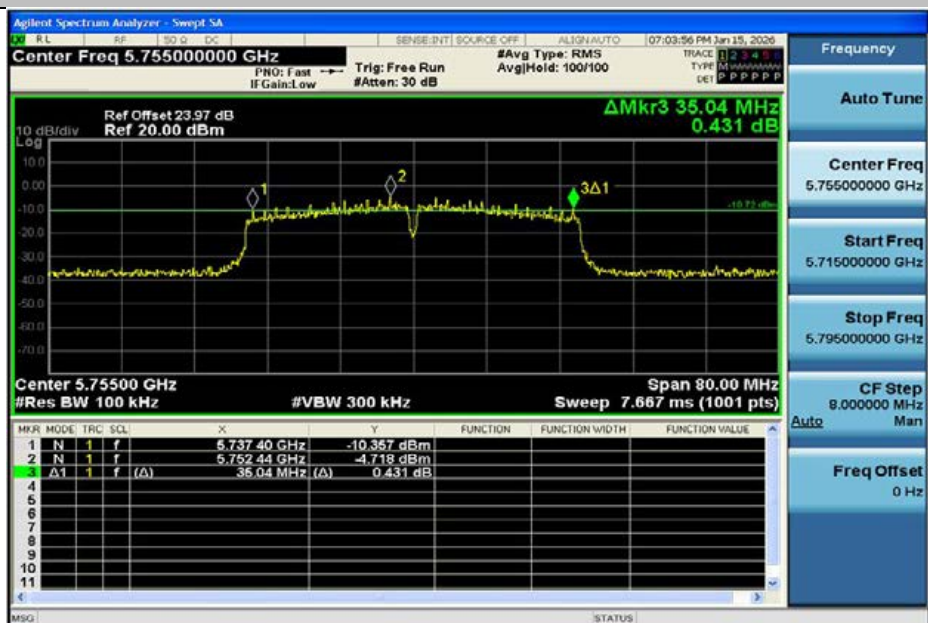
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11N20MIMO-Ant2-5825-PASS



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



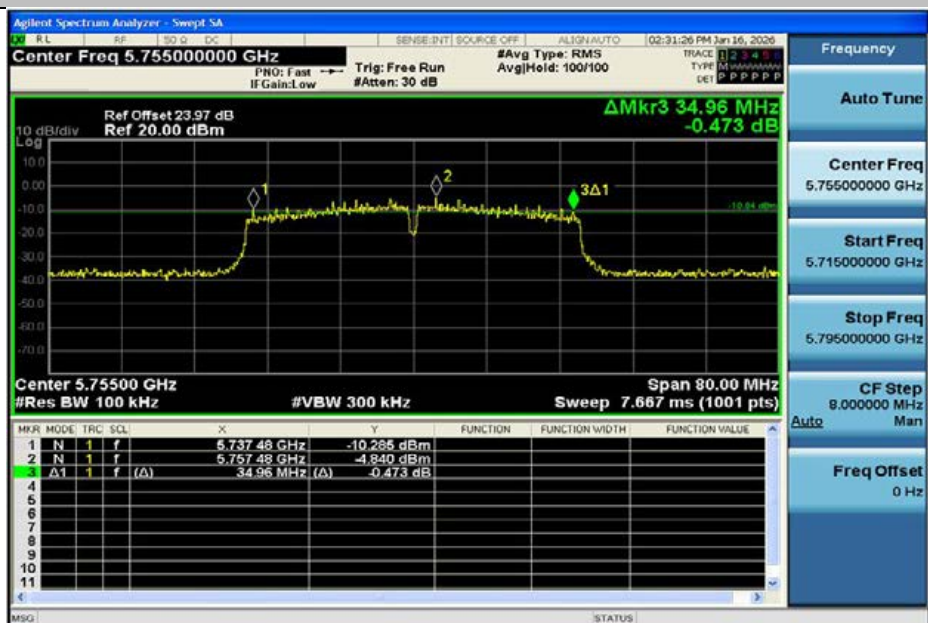
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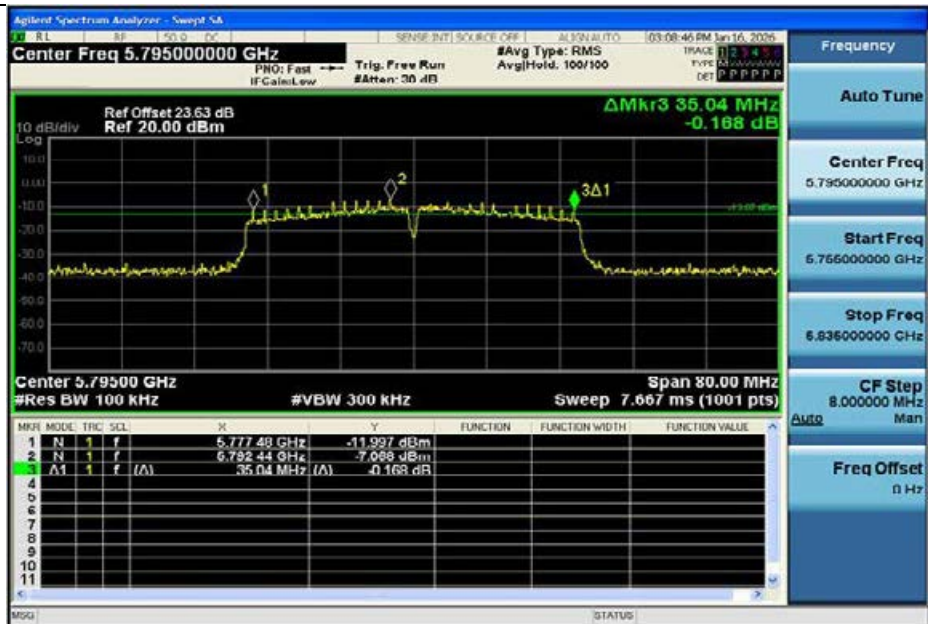
11AC20MIMO-Ant2-5825-PASS



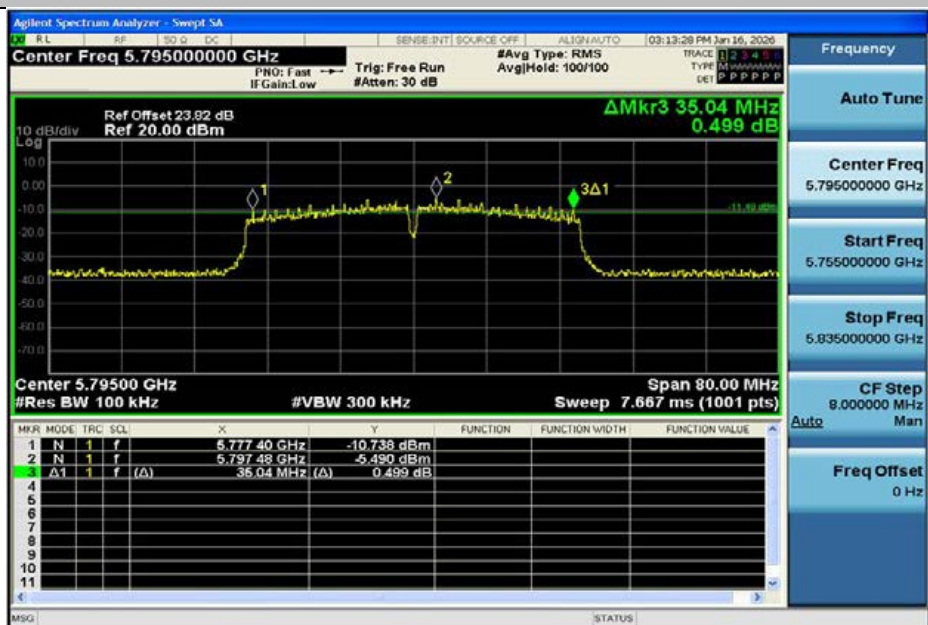
11AC40MIMO-Ant1-5755-PASS



11AC40MIMO-Ant2-5755-PASS



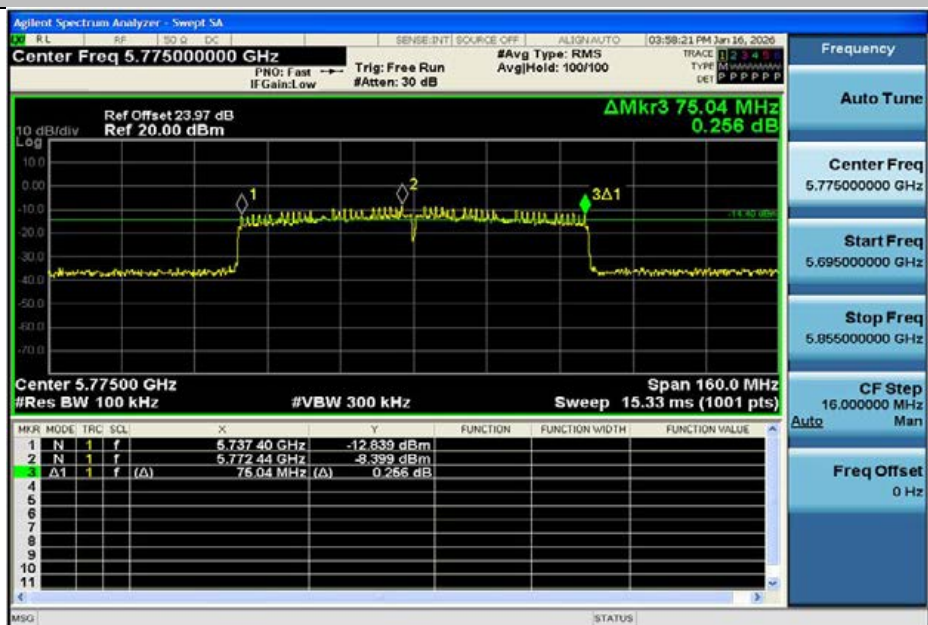
11AC40MIMO-Ant1-5795-PASS



11AC40MIMO-Ant2-5795-PASS



11AC80MIMO-Ant1-5775-PASS



11AC80MIMO-Ant2-5775-PASS



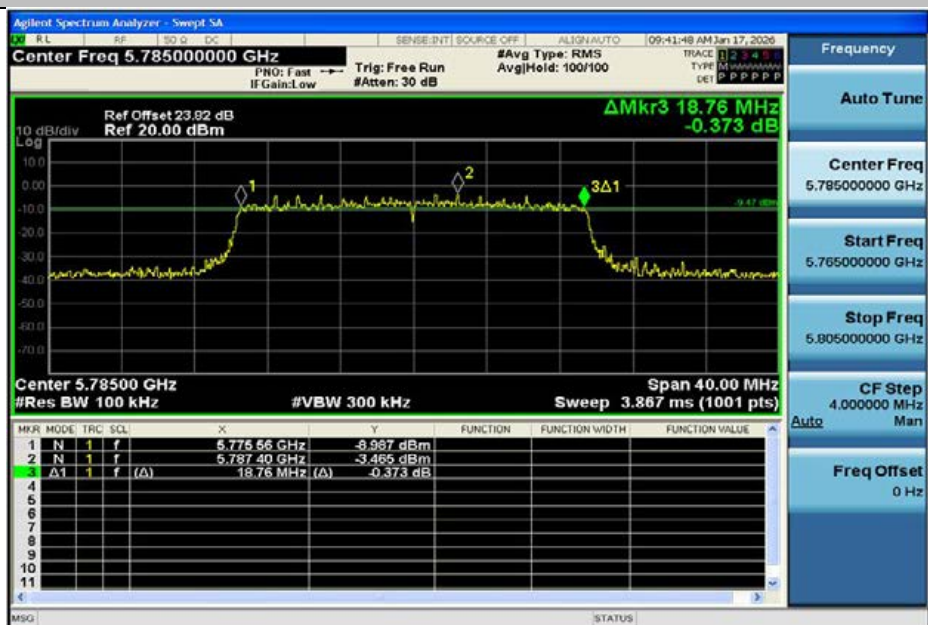
11AX20MIMO-Ant1-5745-PASS



11AX20MIMO-Ant2-5745-PASS



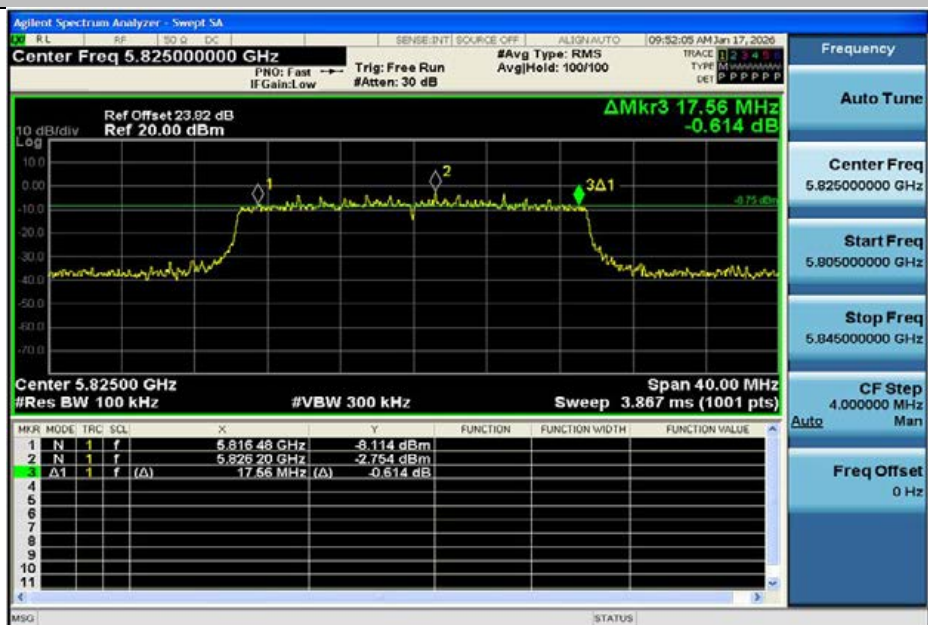
11AX20MIMO-Ant1-5785-PASS



11AX20MIMO-Ant2-5785-PASS



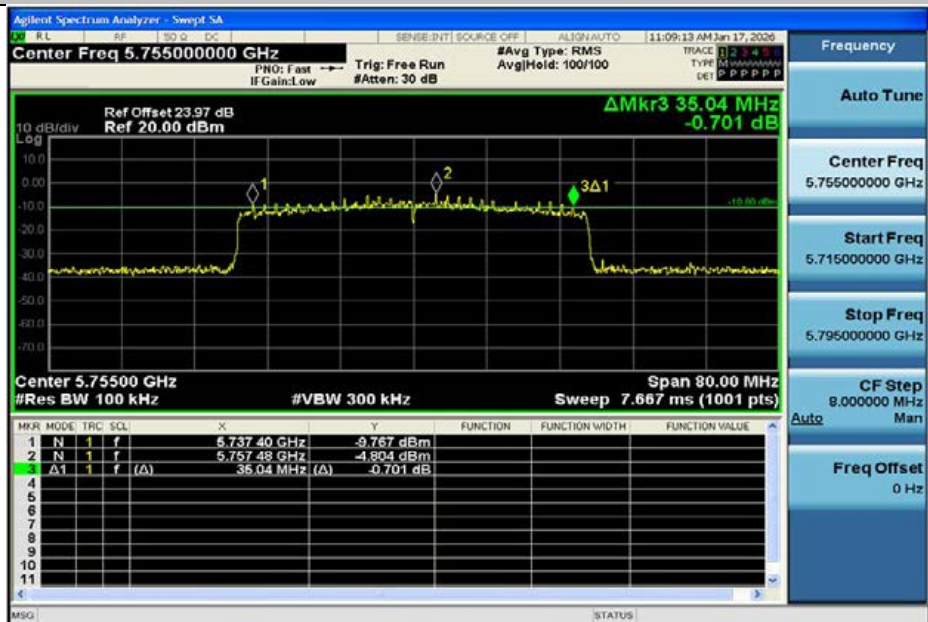
11AX20MIMO-Ant1-5825-PASS



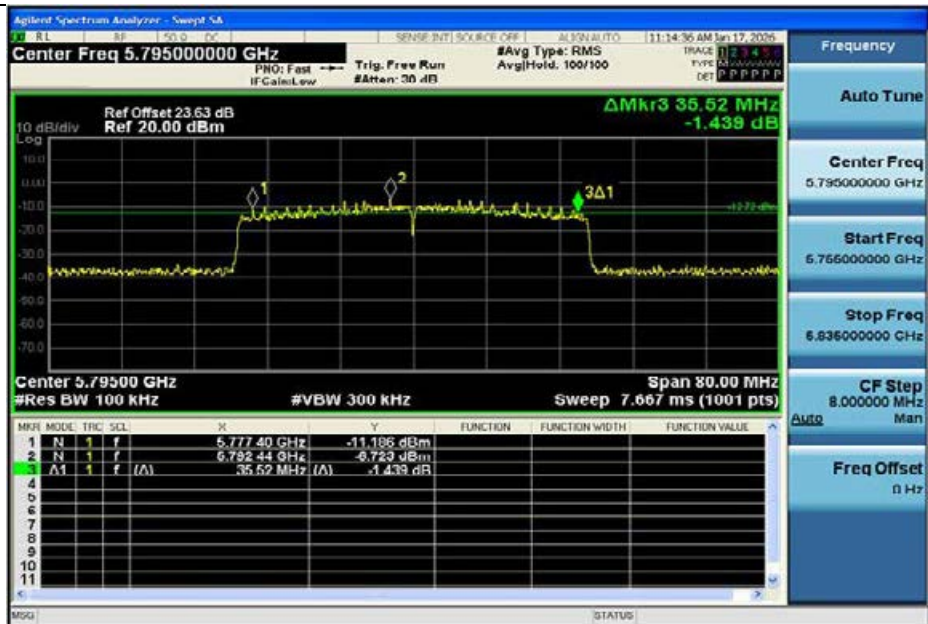
11AX20MIMO-Ant2-5825-PASS



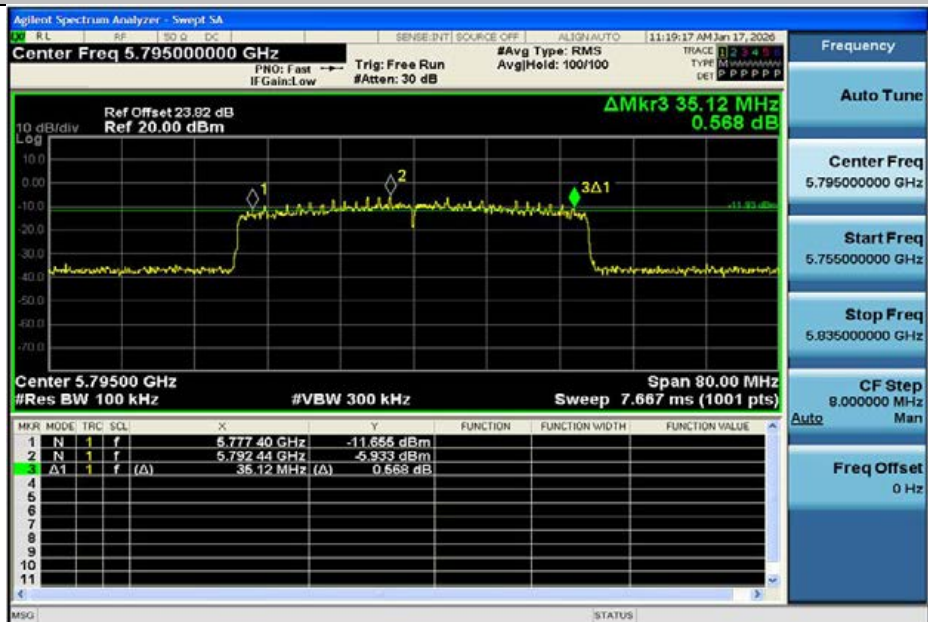
11AX40MIMO-Ant1-5755-PASS



11AX40MIMO-Ant2-5755-PASS



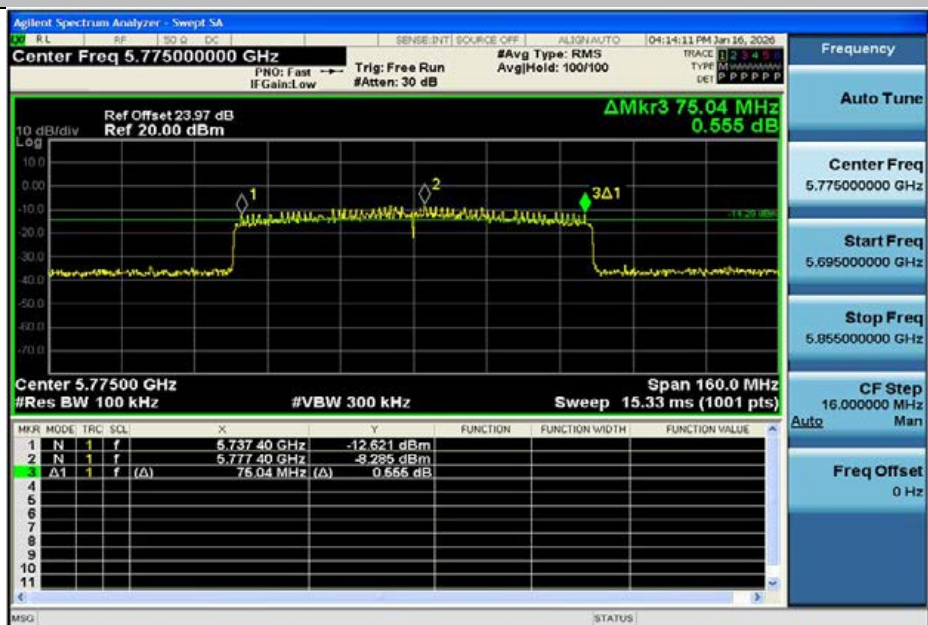
11AX40MIMO-Ant1-5795-PASS



11AX40MIMO-Ant2-5795-PASS



11AX80MIMO-Ant1-5775-PASS



11AX80MIMO-Ant2-5775-PASS

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	
●Conducted Measurement	○Radiated Measurement
Test Channels	
●Lowest, Middle and Highest Channel	○ Lowest and Highest Channel
Environmental conditions	
●Normal	○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 Table of Parameters of Text Software Setting

UNII-1			
Test Software Version	SecureCRT		
Frequency (MHz)	5180	5200	5240
IEEE 802.11a	Default	Default	Default
IEEE 802.11n20	Default	Default	Default
IEEE 802.11ac20	Default	Default	Default
IEEE 802.11ax20	Default	Default	Default
Frequency (MHz)	5190	5230	
IEEE 802.11n40	Default	Default	
IEEE 802.11ac40	Default	Default	
IEEE 802.11ax40	Default	Default	
Frequency (MHz)	5210		
IEEE 802.11ac80	Default		
IEEE 802.11ax80	Default		

UNII-2A			
Test Software Version	SecureCRT		
Frequency (MHz)	5260	5280	5320
IEEE 802.11a	Default	Default	Default
IEEE 802.11n20	Default	Default	Default
IEEE 802.11ac20	Default	Default	Default
IEEE 802.11ax20	Default	Default	Default
Frequency (MHz)	5270	5310	
IEEE 802.11n40	Default	Default	
IEEE 802.11ac40	Default	Default	
IEEE 802.11ax40	Default	Default	
Frequency (MHz)	5290		
IEEE 802.11ac80	Default		
IEEE 802.11ax80	Default		

UNII-2C			
Test Software Version	SecureCRT		
Frequency (MHz)	5500	5580	5700
IEEE 802.11a	Default	Default	Default
IEEE 802.11n20	Default	Default	Default
IEEE 802.11ac20	Default	Default	Default
IEEE 802.11ax20	Default	Default	Default
Frequency (MHz)	5510	5550	5670
IEEE 802.11n40	Default	Default	Default
IEEE 802.11ac40	Default	Default	Default
IEEE 802.11ax40	Default	Default	Default
Frequency (MHz)	5530	5610	
IEEE 802.11ac80	Default	Default	
IEEE 802.11ax80	Default	Default	

UNII-3			
Test Software Version	SecureCRT		
Frequency (MHz)	5745	5785	5825
IEEE 802.11a	Default	Default	Default
IEEE 802.11n20	Default	Default	Default
IEEE 802.11ac20	Default	Default	Default
IEEE 802.11ax20	Default	Default	Default
Frequency (MHz)	5755	5795	
IEEE 802.11n40	Default	Default	
IEEE 802.11ac40	Default	Default	
IEEE 802.11ax40	Default	Default	
Frequency (MHz)	5775		
IEEE 802.11ac80	Default		
IEEE 802.11ax80	Default		

3.4.5 The Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11A-CDD	Ant1	5180	6.63	≤23.98	PASS
11A-CDD	Ant2	5180	7.01	≤23.98	PASS
11A-CDD	total	5180	9.83	≤23.98	PASS
11A-CDD	Ant1	5200	6.99	≤23.98	PASS
11A-CDD	Ant2	5200	7.08	≤23.98	PASS
11A-CDD	total	5200	10.05	≤23.98	PASS
11A-CDD	Ant1	5240	6.87	≤23.98	PASS
11A-CDD	Ant2	5240	6.86	≤23.98	PASS
11A-CDD	total	5240	9.88	≤23.98	PASS
11A-CDD	Ant1	5260	6.65	≤23.98	PASS
11A-CDD	Ant2	5260	6.97	≤23.98	PASS
11A-CDD	total	5260	9.82	≤23.98	PASS
11A-CDD	Ant1	5280	6.68	≤23.98	PASS
11A-CDD	Ant2	5280	7.03	≤23.98	PASS
11A-CDD	total	5280	9.87	≤23.98	PASS
11A-CDD	Ant1	5320	6.61	≤23.98	PASS
11A-CDD	Ant2	5320	7.50	≤23.98	PASS
11A-CDD	total	5320	10.09	≤23.98	PASS
11A-CDD	Ant1	5500	8.21	≤23.98	PASS
11A-CDD	Ant2	5500	6.34	≤23.98	PASS
11A-CDD	total	5500	10.39	≤23.98	PASS
11A-CDD	Ant1	5580	10.84	≤23.98	PASS
11A-CDD	Ant2	5580	10.13	≤23.98	PASS
11A-CDD	total	5580	13.51	≤23.98	PASS
11A-CDD	Ant1	5700	11.25	≤23.98	PASS
11A-CDD	Ant2	5700	11.33	≤23.98	PASS
11A-CDD	total	5700	14.30	≤23.98	PASS
11A-CDD	Ant1	5745	11.09	≤30.00	PASS
11A-CDD	Ant2	5745	11.73	≤30.00	PASS
11A-CDD	total	5745	14.43	≤30.00	PASS
11A-CDD	Ant1	5785	10.84	≤30.00	PASS
11A-CDD	Ant2	5785	11.06	≤30.00	PASS
11A-CDD	total	5785	13.96	≤30.00	PASS
11A-CDD	Ant1	5825	10.45	≤30.00	PASS
11A-CDD	Ant2	5825	11.08	≤30.00	PASS
11A-CDD	total	5825	13.79	≤30.00	PASS
11N20MIMO	Ant1	5180	6.67	≤23.98	PASS
11N20MIMO	Ant2	5180	7.35	≤23.98	PASS
11N20MIMO	total	5180	10.03	≤23.98	PASS
11N20MIMO	Ant1	5200	7.14	≤23.98	PASS
11N20MIMO	Ant2	5200	7.31	≤23.98	PASS

11N20MIMO	total	5200	10.24	≤23.98	PASS
11N20MIMO	Ant1	5240	6.66	≤23.98	PASS
11N20MIMO	Ant2	5240	6.89	≤23.98	PASS
11N20MIMO	total	5240	9.79	≤23.98	PASS
11N20MIMO	Ant1	5260	6.41	≤23.98	PASS
11N20MIMO	Ant2	5260	6.98	≤23.98	PASS
11N20MIMO	total	5260	9.71	≤23.98	PASS
11N20MIMO	Ant1	5280	6.58	≤23.98	PASS
11N20MIMO	Ant2	5280	7.10	≤23.98	PASS
11N20MIMO	total	5280	9.86	≤23.98	PASS
11N20MIMO	Ant1	5320	6.39	≤23.98	PASS
11N20MIMO	Ant2	5320	7.70	≤23.98	PASS
11N20MIMO	total	5320	10.10	≤23.98	PASS
11N20MIMO	Ant1	5500	7.96	≤23.98	PASS
11N20MIMO	Ant2	5500	6.53	≤23.98	PASS
11N20MIMO	total	5500	10.31	≤23.98	PASS
11N20MIMO	Ant1	5580	7.46	≤23.98	PASS
11N20MIMO	Ant2	5580	7.23	≤23.98	PASS
11N20MIMO	total	5580	10.36	≤23.98	PASS
11N20MIMO	Ant1	5700	8.26	≤23.98	PASS
11N20MIMO	Ant2	5700	8.60	≤23.98	PASS
11N20MIMO	total	5700	11.44	≤23.98	PASS
11N20MIMO	Ant1	5745	7.88	≤30.00	PASS
11N20MIMO	Ant2	5745	8.82	≤30.00	PASS
11N20MIMO	total	5745	11.39	≤30.00	PASS
11N20MIMO	Ant1	5785	7.69	≤30.00	PASS
11N20MIMO	Ant2	5785	8.14	≤30.00	PASS
11N20MIMO	total	5785	10.93	≤30.00	PASS
11N20MIMO	Ant1	5825	7.34	≤30.00	PASS
11N20MIMO	Ant2	5825	8.20	≤30.00	PASS
11N20MIMO	total	5825	10.80	≤30.00	PASS
11N40MIMO	Ant1	5190	5.87	≤23.98	PASS
11N40MIMO	Ant2	5190	6.52	≤23.98	PASS
11N40MIMO	total	5190	9.22	≤23.98	PASS
11N40MIMO	Ant1	5230	6.51	≤23.98	PASS
11N40MIMO	Ant2	5230	6.51	≤23.98	PASS
11N40MIMO	total	5230	9.52	≤23.98	PASS
11N40MIMO	Ant1	5270	5.96	≤23.98	PASS
11N40MIMO	Ant2	5270	6.12	≤23.98	PASS
11N40MIMO	total	5270	9.05	≤23.98	PASS
11N40MIMO	Ant1	5310	6.06	≤23.98	PASS
11N40MIMO	Ant2	5310	6.69	≤23.98	PASS
11N40MIMO	total	5310	9.40	≤23.98	PASS

11N40MIMO	Ant1	5510	6.12	≤23.98	PASS
11N40MIMO	Ant2	5510	5.39	≤23.98	PASS
11N40MIMO	total	5510	8.78	≤23.98	PASS
11N40MIMO	Ant1	5550	6.49	≤23.98	PASS
11N40MIMO	Ant2	5550	5.76	≤23.98	PASS
11N40MIMO	total	5550	9.15	≤23.98	PASS
11N40MIMO	Ant1	5670	6.84	≤23.98	PASS
11N40MIMO	Ant2	5670	7.56	≤23.98	PASS
11N40MIMO	total	5670	10.23	≤23.98	PASS
11N40MIMO	Ant1	5755	6.76	≤30.00	PASS
11N40MIMO	Ant2	5755	7.96	≤30.00	PASS
11N40MIMO	total	5755	10.41	≤30.00	PASS
11N40MIMO	Ant1	5795	6.61	≤30.00	PASS
11N40MIMO	Ant2	5795	7.62	≤30.00	PASS
11N40MIMO	total	5795	10.15	≤30.00	PASS
11AC20MIMO	Ant1	5180	7.21	≤23.98	PASS
11AC20MIMO	Ant2	5180	7.08	≤23.98	PASS
11AC20MIMO	total	5180	10.16	≤23.98	PASS
11AC20MIMO	Ant1	5200	7.94	≤23.98	PASS
11AC20MIMO	Ant2	5200	7.31	≤23.98	PASS
11AC20MIMO	total	5200	10.65	≤23.98	PASS
11AC20MIMO	Ant1	5240	7.78	≤23.98	PASS
11AC20MIMO	Ant2	5240	7.05	≤23.98	PASS
11AC20MIMO	total	5240	10.44	≤23.98	PASS
11AC20MIMO	Ant1	5260	7.60	≤23.98	PASS
11AC20MIMO	Ant2	5260	7.18	≤23.98	PASS
11AC20MIMO	total	5260	10.41	≤23.98	PASS
11AC20MIMO	Ant1	5280	7.45	≤23.98	PASS
11AC20MIMO	Ant2	5280	6.84	≤23.98	PASS
11AC20MIMO	total	5280	10.17	≤23.98	PASS
11AC20MIMO	Ant1	5320	7.19	≤23.98	PASS
11AC20MIMO	Ant2	5320	7.45	≤23.98	PASS
11AC20MIMO	total	5320	10.33	≤23.98	PASS
11AC20MIMO	Ant1	5500	7.84	≤23.98	PASS
11AC20MIMO	Ant2	5500	6.34	≤23.98	PASS
11AC20MIMO	total	5500	10.16	≤23.98	PASS
11AC20MIMO	Ant1	5580	7.78	≤23.98	PASS
11AC20MIMO	Ant2	5580	7.20	≤23.98	PASS
11AC20MIMO	total	5580	10.51	≤23.98	PASS
11AC20MIMO	Ant1	5700	7.61	≤23.98	PASS
11AC20MIMO	Ant2	5700	8.33	≤23.98	PASS
11AC20MIMO	total	5700	11.00	≤23.98	PASS
11AC20MIMO	Ant1	5745	7.81	≤30.00	PASS

11AC20MIMO	Ant2	5745	8.62	≤30.00	PASS
11AC20MIMO	total	5745	11.24	≤30.00	PASS
11AC20MIMO	Ant1	5785	7.66	≤30.00	PASS
11AC20MIMO	Ant2	5785	8.10	≤30.00	PASS
11AC20MIMO	total	5785	10.90	≤30.00	PASS
11AC20MIMO	Ant1	5825	7.85	≤30.00	PASS
11AC20MIMO	Ant2	5825	8.20	≤30.00	PASS
11AC20MIMO	total	5825	11.04	≤30.00	PASS
11AC40MIMO	Ant1	5190	5.56	≤23.98	PASS
11AC40MIMO	Ant2	5190	6.26	≤23.98	PASS
11AC40MIMO	total	5190	8.93	≤23.98	PASS
11AC40MIMO	Ant1	5230	6.42	≤23.98	PASS
11AC40MIMO	Ant2	5230	6.45	≤23.98	PASS
11AC40MIMO	total	5230	9.45	≤23.98	PASS
11AC40MIMO	Ant1	5270	6.02	≤23.98	PASS
11AC40MIMO	Ant2	5270	6.03	≤23.98	PASS
11AC40MIMO	total	5270	9.04	≤23.98	PASS
11AC40MIMO	Ant1	5310	5.72	≤23.98	PASS
11AC40MIMO	Ant2	5310	6.51	≤23.98	PASS
11AC40MIMO	total	5310	9.14	≤23.98	PASS
11AC40MIMO	Ant1	5510	5.94	≤23.98	PASS
11AC40MIMO	Ant2	5510	5.25	≤23.98	PASS
11AC40MIMO	total	5510	8.62	≤23.98	PASS
11AC40MIMO	Ant1	5550	6.22	≤23.98	PASS
11AC40MIMO	Ant2	5550	5.73	≤23.98	PASS
11AC40MIMO	total	5550	8.99	≤23.98	PASS
11AC40MIMO	Ant1	5670	6.86	≤23.98	PASS
11AC40MIMO	Ant2	5670	7.48	≤23.98	PASS
11AC40MIMO	total	5670	10.19	≤23.98	PASS
11AC40MIMO	Ant1	5755	6.67	≤30.00	PASS
11AC40MIMO	Ant2	5755	8.09	≤30.00	PASS
11AC40MIMO	total	5755	10.45	≤30.00	PASS
11AC40MIMO	Ant1	5795	6.57	≤30.00	PASS
11AC40MIMO	Ant2	5795	7.50	≤30.00	PASS
11AC40MIMO	total	5795	10.07	≤30.00	PASS
11AC80MIMO	Ant1	5210	6.49	≤23.98	PASS
11AC80MIMO	Ant2	5210	5.96	≤23.98	PASS
11AC80MIMO	total	5210	9.24	≤23.98	PASS
11AC80MIMO	Ant1	5290	5.84	≤23.98	PASS
11AC80MIMO	Ant2	5290	6.24	≤23.98	PASS
11AC80MIMO	total	5290	9.05	≤23.98	PASS
11AC80MIMO	Ant1	5530	5.80	≤23.98	PASS
11AC80MIMO	Ant2	5530	5.20	≤23.98	PASS

11AC80MIMO	total	5530	8.52	≤23.98	PASS
11AC80MIMO	Ant1	5610	7.25	≤23.98	PASS
11AC80MIMO	Ant2	5610	6.20	≤23.98	PASS
11AC80MIMO	total	5610	9.77	≤23.98	PASS
11AC80MIMO	Ant1	5775	6.70	≤30.00	PASS
11AC80MIMO	Ant2	5775	7.47	≤30.00	PASS
11AC80MIMO	total	5775	10.11	≤30.00	PASS
11AX20MIMO	Ant1	5180	7.39	≤23.98	PASS
11AX20MIMO	Ant2	5180	7.15	≤23.98	PASS
11AX20MIMO	total	5180	10.28	≤23.98	PASS
11AX20MIMO	Ant1	5200	8.08	≤23.98	PASS
11AX20MIMO	Ant2	5200	7.24	≤23.98	PASS
11AX20MIMO	total	5200	10.69	≤23.98	PASS
11AX20MIMO	Ant1	5240	7.94	≤23.98	PASS
11AX20MIMO	Ant2	5240	6.91	≤23.98	PASS
11AX20MIMO	total	5240	10.47	≤23.98	PASS
11AX20MIMO	Ant1	5260	7.59	≤23.98	PASS
11AX20MIMO	Ant2	5260	6.87	≤23.98	PASS
11AX20MIMO	total	5260	10.26	≤23.98	PASS
11AX20MIMO	Ant1	5280	7.81	≤23.98	PASS
11AX20MIMO	Ant2	5280	7.12	≤23.98	PASS
11AX20MIMO	total	5280	10.49	≤23.98	PASS
11AX20MIMO	Ant1	5320	7.50	≤23.98	PASS
11AX20MIMO	Ant2	5320	7.53	≤23.98	PASS
11AX20MIMO	total	5320	10.53	≤23.98	PASS
11AX20MIMO	Ant1	5500	8.17	≤23.98	PASS
11AX20MIMO	Ant2	5500	6.19	≤23.98	PASS
11AX20MIMO	total	5500	10.30	≤23.98	PASS
11AX20MIMO	Ant1	5580	8.05	≤23.98	PASS
11AX20MIMO	Ant2	5580	7.21	≤23.98	PASS
11AX20MIMO	total	5580	10.66	≤23.98	PASS
11AX20MIMO	Ant1	5700	8.13	≤23.98	PASS
11AX20MIMO	Ant2	5700	8.33	≤23.98	PASS
11AX20MIMO	total	5700	11.24	≤23.98	PASS
11AX20MIMO	Ant1	5745	8.02	≤30.00	PASS
11AX20MIMO	Ant2	5745	8.49	≤30.00	PASS
11AX20MIMO	total	5745	11.27	≤30.00	PASS
11AX20MIMO	Ant1	5785	8.09	≤30.00	PASS
11AX20MIMO	Ant2	5785	8.12	≤30.00	PASS
11AX20MIMO	total	5785	11.12	≤30.00	PASS
11AX20MIMO	Ant1	5825	8.21	≤30.00	PASS
11AX20MIMO	Ant2	5825	8.17	≤30.00	PASS
11AX20MIMO	total	5825	11.20	≤30.00	PASS

11AX40MIMO	Ant1	5190	5.88	≤23.98	PASS
11AX40MIMO	Ant2	5190	6.44	≤23.98	PASS
11AX40MIMO	total	5190	9.18	≤23.98	PASS
11AX40MIMO	Ant1	5230	6.62	≤23.98	PASS
11AX40MIMO	Ant2	5230	6.73	≤23.98	PASS
11AX40MIMO	total	5230	9.69	≤23.98	PASS
11AX40MIMO	Ant1	5270	6.14	≤23.98	PASS
11AX40MIMO	Ant2	5270	6.29	≤23.98	PASS
11AX40MIMO	total	5270	9.23	≤23.98	PASS
11AX40MIMO	Ant1	5310	6.02	≤23.98	PASS
11AX40MIMO	Ant2	5310	6.96	≤23.98	PASS
11AX40MIMO	total	5310	9.53	≤23.98	PASS
11AX40MIMO	Ant1	5510	6.19	≤23.98	PASS
11AX40MIMO	Ant2	5510	5.53	≤23.98	PASS
11AX40MIMO	total	5510	8.88	≤23.98	PASS
11AX40MIMO	Ant1	5550	6.55	≤23.98	PASS
11AX40MIMO	Ant2	5550	6.08	≤23.98	PASS
11AX40MIMO	total	5550	9.33	≤23.98	PASS
11AX40MIMO	Ant1	5670	7.26	≤23.98	PASS
11AX40MIMO	Ant2	5670	7.67	≤23.98	PASS
11AX40MIMO	total	5670	10.48	≤23.98	PASS
11AX40MIMO	Ant1	5755	6.75	≤30.00	PASS
11AX40MIMO	Ant2	5755	7.88	≤30.00	PASS
11AX40MIMO	total	5755	10.36	≤30.00	PASS
11AX40MIMO	Ant1	5795	6.49	≤30.00	PASS
11AX40MIMO	Ant2	5795	7.66	≤30.00	PASS
11AX40MIMO	total	5795	10.12	≤30.00	PASS
11AX80MIMO	Ant1	5210	6.79	≤23.98	PASS
11AX80MIMO	Ant2	5210	6.30	≤23.98	PASS
11AX80MIMO	total	5210	9.56	≤23.98	PASS
11AX80MIMO	Ant1	5290	6.01	≤23.98	PASS
11AX80MIMO	Ant2	5290	6.54	≤23.98	PASS
11AX80MIMO	total	5290	9.29	≤23.98	PASS
11AX80MIMO	Ant1	5530	6.09	≤23.98	PASS
11AX80MIMO	Ant2	5530	5.34	≤23.98	PASS
11AX80MIMO	total	5530	8.74	≤23.98	PASS
11AX80MIMO	Ant1	5610	7.47	≤23.98	PASS
11AX80MIMO	Ant2	5610	6.40	≤23.98	PASS
11AX80MIMO	total	5610	9.98	≤23.98	PASS
11AX80MIMO	Ant1	5775	6.71	≤30.00	PASS
11AX80MIMO	Ant2	5775	7.34	≤30.00	PASS
11AX80MIMO	total	5775	10.05	≤30.00	PASS

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

All transmit signals are completely uncorrelated with each other;

Directional gain = 3.40dBi

3.5 Power Spectral Density

3.5.1 Limit

FCC Part15, Subpart E (15.407)			
Section	Test Item	Limit	Frequency Range (MHz)
15.407(a)	Power Spectral Density	Master device: 17 dBm/MHz Client device: 11 dBm/MHz	5150-5250
		11 dBm/MHz	5250-5350
		11 dBm/MHz	5470-5725
		30 dBm/500 kHz	5725-5850

Note:

- 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, $\text{offset} = \text{cable loss} + \text{duty factor} + 10 \log(500 \text{ kHz}/300 \text{ kHz})$.

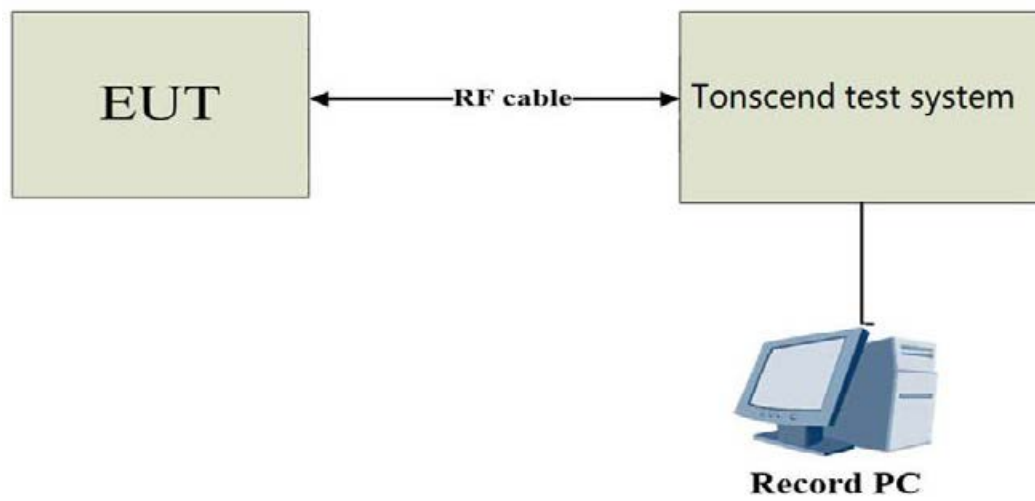
3.5.2 Test Procedure

Test Method	
●Conducted Measurement	○Radiated Measurement
Test Channels	
●Lowest, Middle and Highest Channel	○ Lowest and Highest Channel
Environmental conditions	
●Normal	○Normal and Extreme
Note:●:Test ○:No Test	

a) The EUT was directly connected to the tonscond test system and antenna output port as show in the block diagram below. Spectrum analyser settings as following:

Centre Frequency	The centre frequency of the channel under test
RBW	= 1 MHz (Band1/2/3); = 500kHz (Band4)
VBW	$\geq 3 \times \text{RBW}$
Frequency span	2 x Nominal Channel Bandwidth
Detector Mode	RMS
Trace Mode	Max Hold
Sweep Time	Auto Couple

3.5.3 Test Setup



3.5.4 The Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A-CDD	Ant1	5180	-3.09	≤11.00	PASS
11A-CDD	Ant2	5180	-4.45	≤11.00	PASS
11A-CDD	total	5180	-0.71	≤11.00	PASS
11A-CDD	Ant1	5200	-4.67	≤11.00	PASS
11A-CDD	Ant2	5200	-2.83	≤11.00	PASS
11A-CDD	total	5200	-0.64	≤11.00	PASS
11A-CDD	Ant1	5240	-3.25	≤11.00	PASS
11A-CDD	Ant2	5240	-4.71	≤11.00	PASS
11A-CDD	total	5240	-0.91	≤11.00	PASS
11A-CDD	Ant1	5260	-3.86	≤11.00	PASS
11A-CDD	Ant2	5260	-4.78	≤11.00	PASS
11A-CDD	total	5260	-1.29	≤11.00	PASS
11A-CDD	Ant1	5280	-3.76	≤11.00	PASS
11A-CDD	Ant2	5280	-4.95	≤11.00	PASS
11A-CDD	total	5280	-1.30	≤11.00	PASS
11A-CDD	Ant1	5320	-3.93	≤11.00	PASS
11A-CDD	Ant2	5320	-4.60	≤11.00	PASS
11A-CDD	total	5320	-1.24	≤11.00	PASS
11A-CDD	Ant1	5500	-2.18	≤11.00	PASS
11A-CDD	Ant2	5500	-3.66	≤11.00	PASS
11A-CDD	total	5500	0.15	≤11.00	PASS
11A-CDD	Ant1	5580	0.26	≤11.00	PASS
11A-CDD	Ant2	5580	-0.25	≤11.00	PASS
11A-CDD	total	5580	3.02	≤11.00	PASS
11A-CDD	Ant1	5700	0.75	≤11.00	PASS
11A-CDD	Ant2	5700	0.92	≤11.00	PASS
11A-CDD	total	5700	3.85	≤11.00	PASS
11A-CDD	Ant1	5745	-2.22	≤30.00	PASS
11A-CDD	Ant2	5745	-1.57	≤30.00	PASS
11A-CDD	total	5745	1.13	≤30.00	PASS
11A-CDD	Ant1	5785	-2.27	≤30.00	PASS
11A-CDD	Ant2	5785	-1.91	≤30.00	PASS
11A-CDD	total	5785	0.92	≤30.00	PASS
11A-CDD	Ant1	5825	-2.57	≤30.00	PASS
11A-CDD	Ant2	5825	-1.92	≤30.00	PASS
11A-CDD	total	5825	0.78	≤30.00	PASS
11N20MIMO	Ant1	5180	-3.99	≤11.00	PASS
11N20MIMO	Ant2	5180	-3.33	≤11.00	PASS
11N20MIMO	total	5180	-0.64	≤11.00	PASS
11N20MIMO	Ant1	5200	-3.54	≤11.00	PASS
11N20MIMO	Ant2	5200	-2.96	≤11.00	PASS

11N20MIMO	total	5200	-0.23	≤11.00	PASS
11N20MIMO	Ant1	5240	-3.92	≤11.00	PASS
11N20MIMO	Ant2	5240	-3.56	≤11.00	PASS
11N20MIMO	total	5240	-0.73	≤11.00	PASS
11N20MIMO	Ant1	5260	-4.19	≤11.00	PASS
11N20MIMO	Ant2	5260	-3.76	≤11.00	PASS
11N20MIMO	total	5260	-0.96	≤11.00	PASS
11N20MIMO	Ant1	5280	-3.92	≤11.00	PASS
11N20MIMO	Ant2	5280	-3.60	≤11.00	PASS
11N20MIMO	total	5280	-0.75	≤11.00	PASS
11N20MIMO	Ant1	5320	-4.32	≤11.00	PASS
11N20MIMO	Ant2	5320	-2.79	≤11.00	PASS
11N20MIMO	total	5320	-0.48	≤11.00	PASS
11N20MIMO	Ant1	5500	-2.67	≤11.00	PASS
11N20MIMO	Ant2	5500	-3.74	≤11.00	PASS
11N20MIMO	total	5500	-0.16	≤11.00	PASS
11N20MIMO	Ant1	5580	-3.24	≤11.00	PASS
11N20MIMO	Ant2	5580	-3.43	≤11.00	PASS
11N20MIMO	total	5580	-0.32	≤11.00	PASS
11N20MIMO	Ant1	5700	-2.81	≤11.00	PASS
11N20MIMO	Ant2	5700	-2.02	≤11.00	PASS
11N20MIMO	total	5700	0.61	≤11.00	PASS
11N20MIMO	Ant1	5745	-5.63	≤30.00	PASS
11N20MIMO	Ant2	5745	-4.54	≤30.00	PASS
11N20MIMO	total	5745	-2.04	≤30.00	PASS
11N20MIMO	Ant1	5785	-5.51	≤30.00	PASS
11N20MIMO	Ant2	5785	-4.93	≤30.00	PASS
11N20MIMO	total	5785	-2.20	≤30.00	PASS
11N20MIMO	Ant1	5825	-6.08	≤30.00	PASS
11N20MIMO	Ant2	5825	-5.09	≤30.00	PASS
11N20MIMO	total	5825	-2.55	≤30.00	PASS
11N40MIMO	Ant1	5190	-6.95	≤11.00	PASS
11N40MIMO	Ant2	5190	-6.19	≤11.00	PASS
11N40MIMO	total	5190	-3.54	≤11.00	PASS
11N40MIMO	Ant1	5230	-6.45	≤11.00	PASS
11N40MIMO	Ant2	5230	-6.33	≤11.00	PASS
11N40MIMO	total	5230	-3.38	≤11.00	PASS
11N40MIMO	Ant1	5270	-6.84	≤11.00	PASS
11N40MIMO	Ant2	5270	-6.76	≤11.00	PASS
11N40MIMO	total	5270	-3.79	≤11.00	PASS
11N40MIMO	Ant1	5310	-6.96	≤11.00	PASS
11N40MIMO	Ant2	5310	-6.07	≤11.00	PASS
11N40MIMO	total	5310	-3.48	≤11.00	PASS

11N40MIMO	Ant1	5510	-6.55	≤11.00	PASS
11N40MIMO	Ant2	5510	-7.15	≤11.00	PASS
11N40MIMO	total	5510	-3.83	≤11.00	PASS
11N40MIMO	Ant1	5550	-6.51	≤11.00	PASS
11N40MIMO	Ant2	5550	-7.12	≤11.00	PASS
11N40MIMO	total	5550	-3.79	≤11.00	PASS
11N40MIMO	Ant1	5670	-6.08	≤11.00	PASS
11N40MIMO	Ant2	5670	-5.23	≤11.00	PASS
11N40MIMO	total	5670	-2.62	≤11.00	PASS
11N40MIMO	Ant1	5755	-8.77	≤30.00	PASS
11N40MIMO	Ant2	5755	-7.54	≤30.00	PASS
11N40MIMO	total	5755	-5.10	≤30.00	PASS
11N40MIMO	Ant1	5795	-9.11	≤30.00	PASS
11N40MIMO	Ant2	5795	-8.12	≤30.00	PASS
11N40MIMO	total	5795	-5.58	≤30.00	PASS
11AC20MIMO	Ant1	5180	-3.36	≤11.00	PASS
11AC20MIMO	Ant2	5180	-3.36	≤11.00	PASS
11AC20MIMO	total	5180	-0.35	≤11.00	PASS
11AC20MIMO	Ant1	5200	-2.77	≤11.00	PASS
11AC20MIMO	Ant2	5200	-3.35	≤11.00	PASS
11AC20MIMO	total	5200	-0.04	≤11.00	PASS
11AC20MIMO	Ant1	5240	-2.63	≤11.00	PASS
11AC20MIMO	Ant2	5240	-3.32	≤11.00	PASS
11AC20MIMO	total	5240	0.05	≤11.00	PASS
11AC20MIMO	Ant1	5260	-3.26	≤11.00	PASS
11AC20MIMO	Ant2	5260	-3.38	≤11.00	PASS
11AC20MIMO	total	5260	-0.31	≤11.00	PASS
11AC20MIMO	Ant1	5280	-3.29	≤11.00	PASS
11AC20MIMO	Ant2	5280	-3.85	≤11.00	PASS
11AC20MIMO	total	5280	-0.55	≤11.00	PASS
11AC20MIMO	Ant1	5320	-3.38	≤11.00	PASS
11AC20MIMO	Ant2	5320	-2.99	≤11.00	PASS
11AC20MIMO	total	5320	-0.17	≤11.00	PASS
11AC20MIMO	Ant1	5500	-2.78	≤11.00	PASS
11AC20MIMO	Ant2	5500	-4.23	≤11.00	PASS
11AC20MIMO	total	5500	-0.43	≤11.00	PASS
11AC20MIMO	Ant1	5580	-3.01	≤11.00	PASS
11AC20MIMO	Ant2	5580	-3.56	≤11.00	PASS
11AC20MIMO	total	5580	-0.27	≤11.00	PASS
11AC20MIMO	Ant1	5700	-3.02	≤11.00	PASS
11AC20MIMO	Ant2	5700	-2.32	≤11.00	PASS
11AC20MIMO	total	5700	0.35	≤11.00	PASS
11AC20MIMO	Ant1	5745	-5.70	≤30.00	PASS

11AC20MIMO	Ant2	5745	-4.91	≤30.00	PASS
11AC20MIMO	total	5745	-2.28	≤30.00	PASS
11AC20MIMO	Ant1	5785	-5.67	≤30.00	PASS
11AC20MIMO	Ant2	5785	-5.11	≤30.00	PASS
11AC20MIMO	total	5785	-2.37	≤30.00	PASS
11AC20MIMO	Ant1	5825	-5.53	≤30.00	PASS
11AC20MIMO	Ant2	5825	-5.22	≤30.00	PASS
11AC20MIMO	total	5825	-2.36	≤30.00	PASS
11AC40MIMO	Ant1	5190	-7.06	≤11.00	PASS
11AC40MIMO	Ant2	5190	-6.69	≤11.00	PASS
11AC40MIMO	total	5190	-3.86	≤11.00	PASS
11AC40MIMO	Ant1	5230	-6.42	≤11.00	PASS
11AC40MIMO	Ant2	5230	-6.37	≤11.00	PASS
11AC40MIMO	total	5230	-3.38	≤11.00	PASS
11AC40MIMO	Ant1	5270	-6.78	≤11.00	PASS
11AC40MIMO	Ant2	5270	-6.79	≤11.00	PASS
11AC40MIMO	total	5270	-3.77	≤11.00	PASS
11AC40MIMO	Ant1	5310	-7.10	≤11.00	PASS
11AC40MIMO	Ant2	5310	-6.23	≤11.00	PASS
11AC40MIMO	total	5310	-3.63	≤11.00	PASS
11AC40MIMO	Ant1	5510	-6.68	≤11.00	PASS
11AC40MIMO	Ant2	5510	-7.44	≤11.00	PASS
11AC40MIMO	total	5510	-4.03	≤11.00	PASS
11AC40MIMO	Ant1	5550	-6.51	≤11.00	PASS
11AC40MIMO	Ant2	5550	-6.83	≤11.00	PASS
11AC40MIMO	total	5550	-3.66	≤11.00	PASS
11AC40MIMO	Ant1	5670	-6.00	≤11.00	PASS
11AC40MIMO	Ant2	5670	-5.43	≤11.00	PASS
11AC40MIMO	total	5670	-2.70	≤11.00	PASS
11AC40MIMO	Ant1	5755	-8.97	≤30.00	PASS
11AC40MIMO	Ant2	5755	-7.48	≤30.00	PASS
11AC40MIMO	total	5755	-5.15	≤30.00	PASS
11AC40MIMO	Ant1	5795	-8.97	≤30.00	PASS
11AC40MIMO	Ant2	5795	-8.26	≤30.00	PASS
11AC40MIMO	total	5795	-5.59	≤30.00	PASS
11AC80MIMO	Ant1	5210	-9.93	≤11.00	PASS
11AC80MIMO	Ant2	5210	-10.14	≤11.00	PASS
11AC80MIMO	total	5210	-7.02	≤11.00	PASS
11AC80MIMO	Ant1	5290	-10.36	≤11.00	PASS
11AC80MIMO	Ant2	5290	-9.92	≤11.00	PASS
11AC80MIMO	total	5290	-7.12	≤11.00	PASS
11AC80MIMO	Ant1	5530	-10.47	≤11.00	PASS
11AC80MIMO	Ant2	5530	-11.36	≤11.00	PASS

11AC80MIMO	total	5530	-7.88	≤11.00	PASS
11AC80MIMO	Ant1	5610	-9.00	≤11.00	PASS
11AC80MIMO	Ant2	5610	-9.74	≤11.00	PASS
11AC80MIMO	total	5610	-6.34	≤11.00	PASS
11AC80MIMO	Ant1	5775	-12.13	≤30.00	PASS
11AC80MIMO	Ant2	5775	-11.42	≤30.00	PASS
11AC80MIMO	total	5775	-8.75	≤30.00	PASS
11AX20MIMO	Ant1	5180	-3.65	≤11.00	PASS
11AX20MIMO	Ant2	5180	-3.65	≤11.00	PASS
11AX20MIMO	total	5180	-0.64	≤11.00	PASS
11AX20MIMO	Ant1	5200	-3.01	≤11.00	PASS
11AX20MIMO	Ant2	5200	-3.96	≤11.00	PASS
11AX20MIMO	total	5200	-0.45	≤11.00	PASS
11AX20MIMO	Ant1	5240	-3.03	≤11.00	PASS
11AX20MIMO	Ant2	5240	-3.62	≤11.00	PASS
11AX20MIMO	total	5240	-0.30	≤11.00	PASS
11AX20MIMO	Ant1	5260	-3.28	≤11.00	PASS
11AX20MIMO	Ant2	5260	-4.10	≤11.00	PASS
11AX20MIMO	total	5260	-0.66	≤11.00	PASS
11AX20MIMO	Ant1	5280	-3.07	≤11.00	PASS
11AX20MIMO	Ant2	5280	-4.02	≤11.00	PASS
11AX20MIMO	total	5280	-0.51	≤11.00	PASS
11AX20MIMO	Ant1	5320	-3.75	≤11.00	PASS
11AX20MIMO	Ant2	5320	-3.37	≤11.00	PASS
11AX20MIMO	total	5320	-0.55	≤11.00	PASS
11AX20MIMO	Ant1	5500	-2.81	≤11.00	PASS
11AX20MIMO	Ant2	5500	-4.67	≤11.00	PASS
11AX20MIMO	total	5500	-0.63	≤11.00	PASS
11AX20MIMO	Ant1	5580	-3.03	≤11.00	PASS
11AX20MIMO	Ant2	5580	-4.03	≤11.00	PASS
11AX20MIMO	total	5580	-0.49	≤11.00	PASS
11AX20MIMO	Ant1	5700	-2.69	≤11.00	PASS
11AX20MIMO	Ant2	5700	-2.72	≤11.00	PASS
11AX20MIMO	total	5700	0.31	≤11.00	PASS
11AX20MIMO	Ant1	5745	-5.94	≤30.00	PASS
11AX20MIMO	Ant2	5745	-5.20	≤30.00	PASS
11AX20MIMO	total	5745	-2.54	≤30.00	PASS
11AX20MIMO	Ant1	5785	-5.34	≤30.00	PASS
11AX20MIMO	Ant2	5785	-5.55	≤30.00	PASS
11AX20MIMO	total	5785	-2.43	≤30.00	PASS
11AX20MIMO	Ant1	5825	-5.65	≤30.00	PASS
11AX20MIMO	Ant2	5825	-5.72	≤30.00	PASS
11AX20MIMO	total	5825	-2.67	≤30.00	PASS

11AX40MIMO	Ant1	5190	-6.94	≤11.00	PASS
11AX40MIMO	Ant2	5190	-6.47	≤11.00	PASS
11AX40MIMO	total	5190	-3.69	≤11.00	PASS
11AX40MIMO	Ant1	5230	-6.54	≤11.00	PASS
11AX40MIMO	Ant2	5230	-6.36	≤11.00	PASS
11AX40MIMO	total	5230	-3.44	≤11.00	PASS
11AX40MIMO	Ant1	5270	-6.97	≤11.00	PASS
11AX40MIMO	Ant2	5270	-6.66	≤11.00	PASS
11AX40MIMO	total	5270	-3.80	≤11.00	PASS
11AX40MIMO	Ant1	5310	-7.20	≤11.00	PASS
11AX40MIMO	Ant2	5310	-6.20	≤11.00	PASS
11AX40MIMO	total	5310	-3.66	≤11.00	PASS
11AX40MIMO	Ant1	5510	-7.05	≤11.00	PASS
11AX40MIMO	Ant2	5510	-7.56	≤11.00	PASS
11AX40MIMO	total	5510	-4.29	≤11.00	PASS
11AX40MIMO	Ant1	5550	-6.91	≤11.00	PASS
11AX40MIMO	Ant2	5550	-6.97	≤11.00	PASS
11AX40MIMO	total	5550	-3.93	≤11.00	PASS
11AX40MIMO	Ant1	5670	-6.06	≤11.00	PASS
11AX40MIMO	Ant2	5670	-5.74	≤11.00	PASS
11AX40MIMO	total	5670	-2.89	≤11.00	PASS
11AX40MIMO	Ant1	5755	-8.83	≤30.00	PASS
11AX40MIMO	Ant2	5755	-8.28	≤30.00	PASS
11AX40MIMO	total	5755	-5.54	≤30.00	PASS
11AX40MIMO	Ant1	5795	-8.88	≤30.00	PASS
11AX40MIMO	Ant2	5795	-8.23	≤30.00	PASS
11AX40MIMO	total	5795	-5.53	≤30.00	PASS
11AX80MIMO	Ant1	5210	-9.75	≤11.00	PASS
11AX80MIMO	Ant2	5210	-10.07	≤11.00	PASS
11AX80MIMO	total	5210	-6.90	≤11.00	PASS
11AX80MIMO	Ant1	5290	-9.91	≤11.00	PASS
11AX80MIMO	Ant2	5290	-9.57	≤11.00	PASS
11AX80MIMO	total	5290	-6.73	≤11.00	PASS
11AX80MIMO	Ant1	5530	-10.32	≤11.00	PASS
11AX80MIMO	Ant2	5530	-10.27	≤11.00	PASS
11AX80MIMO	total	5530	-7.28	≤11.00	PASS
11AX80MIMO	Ant1	5610	-9.05	≤11.00	PASS
11AX80MIMO	Ant2	5610	-9.88	≤11.00	PASS
11AX80MIMO	total	5610	-6.43	≤11.00	PASS
11AX80MIMO	Ant1	5775	-12.47	≤30.00	PASS
11AX80MIMO	Ant2	5775	-11.33	≤30.00	PASS
11AX80MIMO	total	5775	-8.85	≤30.00	PASS

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

All transmit signals are completely uncorrelated with each other; Directional gain = 3.40dBi

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, $\text{offset} = \text{cable loss} + \text{duty factor} + 10 \log(500 \text{ kHz}/300 \text{ kHz})$.



11A-CDD-Ant1-5180-PASS



11A-CDD-Ant2-5180-PASS



11A-CDD-Ant1-5200-PASS



11A-CDD-Ant2-5200-PASS



11A-CDD-Ant1-5240-PASS



11A-CDD-Ant2-5240-PASS



11A-CDD-Ant1-5260-PASS



11A-CDD-Ant2-5260-PASS



11A-CDD-Ant1-5280-PASS



11A-CDD-Ant2-5280-PASS



11A-CDD-Ant1-5320-PASS



11A-CDD-Ant2-5320-PASS



11A-CDD-Ant1-5500-PASS



11A-CDD-Ant2-5500-PASS



11A-CDD-Ant1-5580-PASS



11A-CDD-Ant2-5580-PASS



11A-CDD-Ant1-5700-PASS



11A-CDD-Ant2-5700-PASS



11A-CDD-Ant1-5745-PASS



11A-CDD-Ant2-5745-PASS



11A-CDD-Ant1-5785-PASS



11A-CDD-Ant2-5785-PASS



11A-CDD-Ant1-5825-PASS



11A-CDD-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-Ant1-5280-PASS



11N20MIMO-Ant2-5280-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