















8.2 MAXIMUM CONDUCTED OUTPUT POWER

8.2.1 Applicable Standard

According to FCC Part 15.407(a)(1) for UNII Band I

According to FCC Part 15.407(a)(2) for UNII Band II-A and UNII Band II-C

According to FCC Part 15.407(a)(3) for UNII Band III

According to 789033 D02 Section II(E)

8.2.2 Conformance Limit

■ For the band 5.15-5.25 GHz,

(a) (1) (i) For an outdoor 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. 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. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

(a) (1) (ii) 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. 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.

(a) (1) (iii) For fixed point-to-point access points 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. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(a) (1) (iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. 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.

■ For the 5.25-5.35 GHz and 5.47-5.725 GHz bands

(a) (2) the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 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.

■ For the band 5.725-5.85 GHz

(a) (3) For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz 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.

8.2.3 Test Configuration

Test according to clause 6.1 radio frequency test setup 1.

8.2.4 Test Procedure

The maximum average conducted output power can be measured using Method PM-G (Measurement using a gated RF average power meter):

Measurements may be performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

- The Transmitter output (antenna port) was connected to the power meter.
- Turn on the EUT and power meter and then record the power value.
- Repeat above procedures on all channels needed to be tested.

8.2.5 Test Results

Temperature :	25°C	ATM Pressure:	1011 mbar
Humidity :	45 %	Test Engineer:	XXH

For 802.11a, the limit as below.

Frequency [MHz]	Conducted Limit [dBm]	EIRP Limit [dBm]
5150~5250MHz Band	23.98	N/A
5250~5350MHz Band	23.98	N/A
5470~5725MHz Band	23.98	N/A
5725~5850MHz Band	30	N/A

For others, the limit as below.

Frequency [MHz]	Conducted Limit [dBm]	EIRP Limit [dBm]
5150~5250MHz Band	22.6	N/A
5250~5350MHz Band	22.6	N/A
5470~5725MHz Band	22.6	N/A
5725~5850MHz Band	28.62	N/A

Test Mode	Antenna	Frequency [MHz]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11A	Ant1	5180	99.53	0.02	14.86	≤23.98	1.40	16.26	---	PASS
11A	Ant2	5180	99.05	0.04	14.69	≤23.98	1.40	16.09	---	PASS
11A	Ant1	5200	99.53	0.02	14.44	≤23.98	1.40	15.84	---	PASS
11A	Ant2	5200	99.05	0.04	14.27	≤23.98	1.40	15.67	---	PASS
11A	Ant1	5240	99.53	0.02	14.85	≤23.98	1.40	16.25	---	PASS
11A	Ant2	5240	99.53	0.02	14.67	≤23.98	1.40	16.07	---	PASS
11A	Ant1	5260	99.53	0.02	15.08	≤23.85	1.40	16.48	---	PASS
11A	Ant2	5260	99.53	0.02	15.13	≤23.83	1.40	16.53	---	PASS
11A	Ant1	5280	99.05	0.04	15.24	≤23.85	1.40	16.64	---	PASS
11A	Ant2	5280	99.53	0.02	15.21	≤23.81	1.40	16.61	---	PASS
11A	Ant1	5320	99.53	0.02	14.37	≤23.85	1.40	15.77	---	PASS
11A	Ant2	5320	99.53	0.02	15.01	≤23.84	1.40	16.41	---	PASS
11A	Ant1	5500	99.53	0.02	13.16	≤23.81	1.40	14.56	---	PASS
11A	Ant2	5500	99.05	0.04	12.19	≤23.83	1.40	13.59	---	PASS
11A	Ant1	5580	98.58	0.06	14.04	≤23.85	1.40	15.44	---	PASS
11A	Ant2	5580	99.05	0.04	12.78	≤23.82	1.40	14.18	---	PASS
11A	Ant1	5700	99.53	0.02	14.54	≤23.81	1.40	15.94	---	PASS
11A	Ant2	5700	99.53	0.02	14.06	≤23.83	1.40	15.46	---	PASS
11A	Ant1	5745	99.53	0.02	14.60	≤30.00	1.40	16.00	---	PASS
11A	Ant2	5745	99.53	0.02	14.30	≤30.00	1.40	15.70	---	PASS
11A	Ant1	5785	99.53	0.02	14.73	≤30.00	1.40	16.13	---	PASS
11A	Ant2	5785	99.53	0.02	14.14	≤30.00	1.40	15.54	---	PASS
11A	Ant1	5825	99.05	0.04	14.72	≤30.00	1.40	16.12	---	PASS
11A	Ant2	5825	99.53	0.02	14.38	≤30.00	1.40	15.78	---	PASS
11N20MIMO	Ant1	5180	99.63	0.02	12.97	≤23.98	1.40	14.37	---	PASS
11N20MIMO	Ant2	5180	99.63	0.02	10.84	≤23.9	1.40	12.2	---	PASS

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11N20MIMO	total	5180	---	---	15.04	≤ 23.9 8	1.40	16.4 4	---	PASS
11N20MIMO	Ant1	5200	100.0 0	0.00	12.56	≤ 23.9 8	1.40	13.9 6	---	PASS
11N20MIMO	Ant2	5200	100.0 0	0.00	10.43	≤ 23.9 8	1.40	11.83	---	PASS
11N20MIMO	total	5200	---	---	14.63	≤ 23.9 8	1.40	16.0 3	---	PASS
11N20MIMO	Ant1	5240	100.0 0	0.00	13.02	≤ 23.9 8	1.40	14.4 2	---	PASS
11N20MIMO	Ant2	5240	100.0 0	0.00	10.90	≤ 23.9 8	1.40	12.3 0	---	PASS
11N20MIMO	total	5240	---	---	15.10	≤ 23.9 8	1.40	16.5 0	---	PASS
11N20MIMO	Ant1	5260	99.63	0.02	13.13	≤ 23.9 8	1.40	14.5 3	---	PASS
11N20MIMO	Ant2	5260	99.63	0.02	11.29	≤ 23.9 8	1.40	12.6 9	---	PASS
11N20MIMO	total	5260	---	---	15.32	≤ 23.9 8	1.40	16.7 2	---	PASS
11N20MIMO	Ant1	5280	99.63	0.02	13.19	≤ 23.9 8	1.40	14.5 9	---	PASS
11N20MIMO	Ant2	5280	99.63	0.02	11.35	≤ 23.9 8	1.40	12.7 5	---	PASS
11N20MIMO	total	5280	---	---	15.38	≤ 23.9 8	1.40	16.7 8	---	PASS
11N20MIMO	Ant1	5320	99.63	0.02	12.33	≤ 23.9 8	1.40	13.7 3	---	PASS
11N20MIMO	Ant2	5320	99.63	0.02	11.23	≤ 23.9 8	1.40	12.6 3	---	PASS
11N20MIMO	total	5320	---	---	14.83	≤ 23.9 8	1.40	16.2 3	---	PASS
11N20MIMO	Ant1	5500	100.0 0	0.00	11.20	≤ 23.9 8	1.40	12.6 0	---	PASS
11N20MIMO	Ant2	5500	100.0 0	0.00	8.15	≤ 23.9 8	1.40	9.55	---	PASS
11N20MIMO	total	5500	---	---	12.95	≤ 23.9 8	1.40	14.3 5	---	PASS
11N20MIMO	Ant1	5580	100.0 0	0.00	12.03	≤ 23.9 8	1.40	13.4 3	---	PASS
11N20MIMO	Ant2	5580	100.0 0	0.00	8.65	≤ 23.9 8	1.40	10.0 5	---	PASS
11N20MIMO	total	5580	---	---	13.67	≤ 23.9 8	1.40	15.0 7	---	PASS
11N20MIMO	Ant1	5700	100.0 0	0.00	12.58	≤ 23.9 8	1.40	13.9 8	---	PASS
11N20MIMO	Ant2	5700	100.0 0	0.00	10.09	≤ 23.9 8	1.40	11.49	---	PASS
11N20MIMO	total	5700	---	---	14.52	≤ 23.9 8	1.40	15.9 2	---	PASS
11N20MIMO	Ant1	5745	100.0 0	0.00	12.59	≤ 30.0 0	1.40	13.9 9	---	PASS
11N20MIMO	Ant2	5745	100.0 0	0.00	10.10	≤ 30.0 0	1.40	11.50	---	PASS
11N20MIMO	total	5745	---	---	14.53	≤ 30.0	1.40	15.9	---	PASS

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11N20MIMO	Ant1	5785	100.0 0	0.00	12.75	≤ 30.0 0	1.40	14.1 5	---	PASS
11N20MIMO	Ant2	5785	100.0 0	0.00	9.93	≤ 30.0 0	1.40	11.33	---	PASS
11N20MIMO	total	5785	---	---	14.58	≤ 30.0 0	1.40	15.9 8	---	PASS
11N20MIMO	Ant1	5825	100.0 0	0.00	12.70	≤ 30.0 0	1.40	14.1 0	---	PASS
11N20MIMO	Ant2	5825	100.0 0	0.00	9.98	≤ 30.0 0	1.40	11.38	---	PASS
11N20MIMO	total	5825	---	---	14.56	≤ 30.0 0	1.40	15.9 6	---	PASS
11N40MIMO	Ant1	5190	100.0 0	0.00	12.77	≤ 23.9 8	1.40	14.1 7	---	PASS
11N40MIMO	Ant2	5190	100.0 0	0.00	10.81	≤ 23.9 8	1.40	12.2 1	---	PASS
11N40MIMO	total	5190	---	---	14.91	≤ 23.9 8	1.40	16.3 1	---	PASS
11N40MIMO	Ant1	5230	100.0 0	0.00	13.31	≤ 23.9 8	1.40	14.7 1	---	PASS
11N40MIMO	Ant2	5230	100.0 0	0.00	11.27	≤ 23.9 8	1.40	12.6 7	---	PASS
11N40MIMO	total	5230	---	---	15.42	≤ 23.9 8	1.40	16.8 2	---	PASS
11N40MIMO	Ant1	5270	100.0 0	0.00	13.34	≤ 23.9 8	1.40	14.7 4	---	PASS
11N40MIMO	Ant2	5270	100.0 0	0.00	11.63	≤ 23.9 8	1.40	13.0 3	---	PASS
11N40MIMO	total	5270	---	---	15.58	≤ 23.9 8	1.40	16.9 8	---	PASS
11N40MIMO	Ant1	5310	100.0 0	0.00	12.34	≤ 23.9 8	1.40	13.7 4	---	PASS
11N40MIMO	Ant2	5310	100.0 0	0.00	11.39	≤ 23.9 8	1.40	12.7 9	---	PASS
11N40MIMO	total	5310	---	---	14.90	≤ 23.9 8	1.40	16.3 0	---	PASS
11N40MIMO	Ant1	5510	100.0 0	0.00	11.51	≤ 23.9 8	1.40	12.9 1	---	PASS
11N40MIMO	Ant2	5510	100.0 0	0.00	8.49	≤ 23.9 8	1.40	9.89	---	PASS
11N40MIMO	total	5510	---	---	13.27	≤ 23.9 8	1.40	14.6 7	---	PASS
11N40MIMO	Ant1	5550	100.0 0	0.00	11.95	≤ 23.9 8	1.40	13.3 5	---	PASS
11N40MIMO	Ant2	5550	100.0 0	0.00	8.57	≤ 23.9 8	1.40	9.97	---	PASS
11N40MIMO	total	5550	---	---	13.59	≤ 23.9 8	1.40	14.9 9	---	PASS
11N40MIMO	Ant1	5670	100.0 0	0.00	13.22	≤ 23.9 8	1.40	14.6 2	---	PASS
11N40MIMO	Ant2	5670	100.0 0	0.00	10.40	≤ 23.9 8	1.40	11.80	---	PASS
11N40MIMO	total	5670	---	---	15.05	≤ 23.9 8	1.40	16.4 5	---	PASS
11N40MIMO	Ant1	5755	100.0	0.00	12.84	≤ 30.0	1.40	14.2	---	PASS

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11N40MIMO	Ant2	5755	100.0 0	0.00	10.45	≤30.0 0	1.40	11.85	---	PASS
11N40MIMO	total	5755	---	---	14.82	≤30.0 0	1.40	16.2 2	---	PASS
11N40MIMO	Ant1	5795	100.0 0	0.00	12.75	≤30.0 0	1.40	14.1 5	---	PASS
11N40MIMO	Ant2	5795	100.0 0	0.00	9.87	≤30.0 0	1.40	11.27	---	PASS
11N40MIMO	total	5795	---	---	14.55	≤30.0 0	1.40	15.9 5	---	PASS
11AC20MIMO	Ant1	5180	100.0 0	0.00	12.72	≤23.9 8	1.40	14.1 2	---	PASS
11AC20MIMO	Ant2	5180	100.0 0	0.00	10.70	≤23.9 8	1.40	12.1 0	---	PASS
11AC20MIMO	total	5180	---	---	14.84	≤23.9 8	1.40	16.2 4	---	PASS
11AC20MIMO	Ant1	5200	100.0 0	0.00	12.35	≤23.9 8	1.40	13.7 5	---	PASS
11AC20MIMO	Ant2	5200	100.0 0	0.00	10.35	≤23.9 8	1.40	11.75	---	PASS
11AC20MIMO	total	5200	---	---	14.47	≤23.9 8	1.40	15.8 7	---	PASS
11AC20MIMO	Ant1	5240	100.0 0	0.00	12.93	≤23.9 8	1.40	14.3 3	---	PASS
11AC20MIMO	Ant2	5240	100.0 0	0.00	10.89	≤23.9 8	1.40	12.2 9	---	PASS
11AC20MIMO	total	5240	---	---	15.04	≤23.9 8	1.40	16.4 4	---	PASS
11AC20MIMO	Ant1	5260	100.0 0	0.00	13.06	≤23.9 8	1.40	14.4 6	---	PASS
11AC20MIMO	Ant2	5260	100.0 0	0.00	11.19	≤23.9 8	1.40	12.5 9	---	PASS
11AC20MIMO	total	5260	---	---	15.24	≤23.9 8	1.40	16.6 4	---	PASS
11AC20MIMO	Ant1	5280	100.0 0	0.00	13.19	≤23.9 8	1.40	14.5 9	---	PASS
11AC20MIMO	Ant2	5280	100.0 0	0.00	11.30	≤23.9 8	1.40	12.7 0	---	PASS
11AC20MIMO	total	5280	---	---	15.36	≤23.9 8	1.40	16.7 6	---	PASS
11AC20MIMO	Ant1	5320	100.0 0	0.00	12.39	≤23.9 8	1.40	13.7 9	---	PASS
11AC20MIMO	Ant2	5320	100.0 0	0.00	11.14	≤23.9 8	1.40	12.5 4	---	PASS
11AC20MIMO	total	5320	---	---	14.82	≤23.9 8	1.40	16.2 2	---	PASS
11AC20MIMO	Ant1	5500	100.0 0	0.00	11.02	≤23.9 8	1.40	12.4 2	---	PASS
11AC20MIMO	Ant2	5500	100.0 0	0.00	7.89	≤23.9 8	1.40	9.29	---	PASS
11AC20MIMO	total	5500	---	---	12.74	≤23.9 8	1.40	14.1 4	---	PASS
11AC20MIMO	Ant1	5580	100.0 0	0.00	11.81	≤23.9 8	1.40	13.2 1	---	PASS
11AC20MIM	Ant2	5580	100.0	0.00	8.40	≤23.9	1.40	9.80	---	PASS

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11AC20MIMO	total	5580	---	---	13.44	≤ 23.9 8	1.40	14.8 4	---	PASS
11AC20MIMO	Ant1	5700	100.0 0	0.00	12.58	≤ 23.9 8	1.40	13.9 8	---	PASS
11AC20MIMO	Ant2	5700	100.0 0	0.00	10.17	≤ 23.9 8	1.40	11.57	---	PASS
11AC20MIMO	total	5700	---	---	14.55	≤ 23.9 8	1.40	15.9 5	---	PASS
11AC20MIMO	Ant1	5745	100.0 0	0.00	12.64	≤ 30.0 0	1.40	14.0 4	---	PASS
11AC20MIMO	Ant2	5745	100.0 0	0.00	10.21	≤ 30.0 0	1.40	11.61	---	PASS
11AC20MIMO	total	5745	---	---	14.60	≤ 30.0 0	1.40	16.0 0	---	PASS
11AC20MIMO	Ant1	5785	100.0 0	0.00	12.84	≤ 30.0 0	1.40	14.2 4	---	PASS
11AC20MIMO	Ant2	5785	100.0 0	0.00	10.03	≤ 30.0 0	1.40	11.43	---	PASS
11AC20MIMO	total	5785	---	---	14.67	≤ 30.0 0	1.40	16.0 7	---	PASS
11AC20MIMO	Ant1	5825	100.0 0	0.00	12.82	≤ 30.0 0	1.40	14.2 2	---	PASS
11AC20MIMO	Ant2	5825	100.0 0	0.00	9.95	≤ 30.0 0	1.40	11.35	---	PASS
11AC20MIMO	total	5825	---	---	14.63	≤ 30.0 0	1.40	16.0 3	---	PASS
11AC40MIMO	Ant1	5190	100.0 0	0.00	12.79	≤ 23.9 8	1.40	14.1 9	---	PASS
11AC40MIMO	Ant2	5190	100.0 0	0.00	10.68	≤ 23.9 8	1.40	12.0 8	---	PASS
11AC40MIMO	total	5190	---	---	14.87	≤ 23.9 8	1.40	16.2 7	---	PASS
11AC40MIMO	Ant1	5230	100.0 0	0.00	13.37	≤ 23.9 8	1.40	14.7 7	---	PASS
11AC40MIMO	Ant2	5230	100.0 0	0.00	11.22	≤ 23.9 8	1.40	12.6 2	---	PASS
11AC40MIMO	total	5230	---	---	15.44	≤ 23.9 8	1.40	16.8 4	---	PASS
11AC40MIMO	Ant1	5270	100.0 0	0.00	13.49	≤ 23.9 8	1.40	14.8 9	---	PASS
11AC40MIMO	Ant2	5270	100.0 0	0.00	11.59	≤ 23.9 8	1.40	12.9 9	---	PASS
11AC40MIMO	total	5270	---	---	15.65	≤ 23.9 8	1.40	17.0 5	---	PASS
11AC40MIMO	Ant1	5310	100.0 0	0.00	12.61	≤ 23.9 8	1.40	14.0 1	---	PASS
11AC40MIMO	Ant2	5310	100.0 0	0.00	11.31	≤ 23.9 8	1.40	12.7 1	---	PASS
11AC40MIMO	total	5310	---	---	15.02	≤ 23.9 8	1.40	16.4 2	---	PASS
11AC40MIMO	Ant1	5510	100.0 0	0.00	11.53	≤ 23.9 8	1.40	12.9 3	---	PASS
11AC40MIMO	Ant2	5510	100.0 0	0.00	8.26	≤ 23.9 8	1.40	9.66	---	PASS
11AC40MIM	total	5510	---	---	13.21	≤ 23.9	1.40	14.6	---	PASS

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11AC40MIMO	Ant1	5550	100.00	0.00	11.92	≤23.98	1.40	13.32	---	PASS
11AC40MIMO	Ant2	5550	100.00	0.00	8.58	≤23.98	1.40	9.98	---	PASS
11AC40MIMO	total	5550	---	---	13.57	≤23.98	1.40	14.97	---	PASS
11AC40MIMO	Ant1	5670	100.00	0.00	13.23	≤23.98	1.40	14.63	---	PASS
11AC40MIMO	Ant2	5670	100.00	0.00	10.38	≤23.98	1.40	11.78	---	PASS
11AC40MIMO	total	5670	---	---	15.05	≤23.98	1.40	16.45	---	PASS
11AC40MIMO	Ant1	5755	100.00	0.00	13.28	≤30.00	1.40	14.68	---	PASS
11AC40MIMO	Ant2	5755	100.00	0.00	11.07	≤30.00	1.40	12.47	---	PASS
11AC40MIMO	total	5755	---	---	15.32	≤30.00	1.40	16.72	---	PASS
11AC40MIMO	Ant1	5795	100.00	0.00	13.13	≤30.00	1.40	14.53	---	PASS
11AC40MIMO	Ant2	5795	100.00	0.00	10.46	≤30.00	1.40	11.86	---	PASS
11AC40MIMO	total	5795	---	---	15.01	≤30.00	1.40	16.41	---	PASS
11AC80MIMO	Ant1	5210	100.00	0.00	13.27	≤23.98	1.40	14.67	---	PASS
11AC80MIMO	Ant2	5210	100.00	0.00	11.52	≤23.98	1.40	12.92	---	PASS
11AC80MIMO	total	5210	---	---	15.49	≤23.98	1.40	16.89	---	PASS
11AC80MIMO	Ant1	5290	100.00	0.00	12.98	≤23.98	1.40	14.38	---	PASS
11AC80MIMO	Ant2	5290	100.00	0.00	11.53	≤23.98	1.40	12.93	---	PASS
11AC80MIMO	total	5290	---	---	15.33	≤23.98	1.40	16.73	---	PASS
11AC80MIMO	Ant1	5530	100.00	0.00	12.07	≤23.98	1.40	13.47	---	PASS
11AC80MIMO	Ant2	5530	100.00	0.00	8.31	≤23.98	1.40	9.71	---	PASS
11AC80MIMO	total	5530	---	---	13.60	≤23.98	1.40	15.00	---	PASS
11AC80MIMO	Ant1	5610	100.00	0.00	12.51	≤23.98	1.40	13.91	---	PASS
11AC80MIMO	Ant2	5610	100.00	0.00	8.93	≤23.98	1.40	10.33	---	PASS
11AC80MIMO	total	5610	---	---	14.09	≤23.98	1.40	15.49	---	PASS
11AC80MIMO	Ant1	5775	100.00	0.00	13.13	≤30.00	1.40	14.53	---	PASS
11AC80MIMO	Ant2	5775	100.00	0.00	10.75	≤30.00	1.40	12.15	---	PASS
11AC80MIMO	total	5775	---	---	15.11	≤30.00	1.40	16.51	---	PASS
11AX20MIM	Ant1	5180	100.0	0.00	12.94	≤23.9	1.40	14.3	---	PASS

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11AX20MIMO	Ant2	5180	100.00	0.00	11.01	≤23.98	1.40	12.41	---	PASS
11AX20MIMO	total	5180	---	---	15.09	≤23.98	1.40	16.49	---	PASS
11AX20MIMO	Ant1	5200	100.00	0.00	12.56	≤23.98	1.40	13.96	---	PASS
11AX20MIMO	Ant2	5200	100.00	0.00	10.71	≤23.98	1.40	12.11	---	PASS
11AX20MIMO	total	5200	---	---	14.74	≤23.98	1.40	16.14	---	PASS
11AX20MIMO	Ant1	5240	100.00	0.00	13.15	≤23.98	1.40	14.55	---	PASS
11AX20MIMO	Ant2	5240	100.00	0.00	11.34	≤23.98	1.40	12.74	---	PASS
11AX20MIMO	total	5240	---	---	15.35	≤23.98	1.40	16.75	---	PASS
11AX20MIMO	Ant1	5260	100.00	0.00	13.26	≤23.98	1.40	14.66	---	PASS
11AX20MIMO	Ant2	5260	100.00	0.00	11.74	≤23.98	1.40	13.14	---	PASS
11AX20MIMO	total	5260	---	---	15.58	≤23.98	1.40	16.98	---	PASS
11AX20MIMO	Ant1	5280	100.00	0.00	13.39	≤23.98	1.40	14.79	---	PASS
11AX20MIMO	Ant2	5280	100.00	0.00	11.82	≤23.98	1.40	13.22	---	PASS
11AX20MIMO	total	5280	---	---	15.69	≤23.98	1.40	17.09	---	PASS
11AX20MIMO	Ant1	5320	100.00	0.00	12.61	≤23.98	1.40	14.01	---	PASS
11AX20MIMO	Ant2	5320	100.00	0.00	11.58	≤23.98	1.40	12.98	---	PASS
11AX20MIMO	total	5320	---	---	15.14	≤23.98	1.40	16.54	---	PASS
11AX20MIMO	Ant1	5500	100.00	0.00	11.41	≤23.98	1.40	12.81	---	PASS
11AX20MIMO	Ant2	5500	100.00	0.00	7.94	≤23.98	1.40	9.34	---	PASS
11AX20MIMO	total	5500	---	---	13.02	≤23.98	1.40	14.42	---	PASS
11AX20MIMO	Ant1	5580	100.00	0.00	12.19	≤23.98	1.40	13.59	---	PASS
11AX20MIMO	Ant2	5580	100.00	0.00	8.48	≤23.98	1.40	9.88	---	PASS
11AX20MIMO	total	5580	---	---	13.73	≤23.98	1.40	15.13	---	PASS
11AX20MIMO	Ant1	5700	100.00	0.00	12.78	≤23.98	1.40	14.18	---	PASS
11AX20MIMO	Ant2	5700	100.00	0.00	10.54	≤23.98	1.40	11.94	---	PASS
11AX20MIMO	total	5700	---	---	14.81	≤23.98	1.40	16.21	---	PASS
11AX20MIMO	Ant1	5745	100.00	0.00	12.84	≤30.00	1.40	14.24	---	PASS
11AX20MIM	Ant2	5745	100.0	0.00	10.73	≤30.0	1.40	12.1	---	PASS

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11AX20MIMO	total	5745	---	---	14.92	≤ 30.0 0	1.40	16.3 2
11AX20MIMO	Ant1	5785	100.0 0	0.00	13.03	≤ 30.0 0	1.40	14.4 3
11AX20MIMO	Ant2	5785	100.0 0	0.00	10.52	≤ 30.0 0	1.40	11.92
11AX20MIMO	total	5785	---	---	14.96	≤ 30.0 0	1.40	16.3 6
11AX20MIMO	Ant1	5825	100.0 0	0.00	13.00	≤ 30.0 0	1.40	14.4 0
11AX20MIMO	Ant2	5825	100.0 0	0.00	10.30	≤ 30.0 0	1.40	11.70
11AX20MIMO	total	5825	---	---	14.87	≤ 30.0 0	1.40	16.2 7
11AX40MIMO	Ant1	5190	100.0 0	0.00	12.67	≤ 23.9 8	1.40	14.0 7
11AX40MIMO	Ant2	5190	100.0 0	0.00	10.80	≤ 23.9 8	1.40	12.2 0
11AX40MIMO	total	5190	---	---	14.85	≤ 23.9 8	1.40	16.2 5
11AX40MIMO	Ant1	5230	100.0 0	0.00	13.25	≤ 23.9 8	1.40	14.6 5
11AX40MIMO	Ant2	5230	100.0 0	0.00	11.44	≤ 23.9 8	1.40	12.8 4
11AX40MIMO	total	5230	---	---	15.45	≤ 23.9 8	1.40	16.8 5
11AX40MIMO	Ant1	5270	100.0 0	0.00	13.38	≤ 23.9 8	1.40	14.7 8
11AX40MIMO	Ant2	5270	100.0 0	0.00	11.90	≤ 23.9 8	1.40	13.3 0
11AX40MIMO	total	5270	---	---	15.71	≤ 23.9 8	1.40	17.11
11AX40MIMO	Ant1	5310	100.0 0	0.00	12.50	≤ 23.9 8	1.40	13.9 0
11AX40MIMO	Ant2	5310	100.0 0	0.00	11.58	≤ 23.9 8	1.40	12.9 8
11AX40MIMO	total	5310	---	---	15.07	≤ 23.9 8	1.40	16.4 7
11AX40MIMO	Ant1	5510	100.0 0	0.00	11.63	≤ 23.9 8	1.40	13.0 3
11AX40MIMO	Ant2	5510	100.0 0	0.00	8.10	≤ 23.9 8	1.40	9.50
11AX40MIMO	total	5510	---	---	13.22	≤ 23.9 8	1.40	14.6 2
11AX40MIMO	Ant1	5550	100.0 0	0.00	12.06	≤ 23.9 8	1.40	13.4 6
11AX40MIMO	Ant2	5550	100.0 0	0.00	8.42	≤ 23.9 8	1.40	9.82
11AX40MIMO	total	5550	---	---	13.62	≤ 23.9 8	1.40	15.0 2
11AX40MIMO	Ant1	5670	100.0 0	0.00	13.24	≤ 23.9 8	1.40	14.6 4
11AX40MIMO	Ant2	5670	100.0 0	0.00	10.40	≤ 23.9 8	1.40	11.80
11AX40MIM	total	5670	---	---	15.06	≤ 23.9	1.40	16.4

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11AX40MIMO	Ant1	5755	100.00	0.00	12.83	≤30.00	1.40	14.23	---	PASS
11AX40MIMO	Ant2	5755	100.00	0.00	10.78	≤30.00	1.40	12.18	---	PASS
11AX40MIMO	total	5755	---	---	14.94	≤30.00	1.40	16.34	---	PASS
11AX40MIMO	Ant1	5795	100.00	0.00	12.75	≤30.00	1.40	14.15	---	PASS
11AX40MIMO	Ant2	5795	100.00	0.00	10.18	≤30.00	1.40	11.58	---	PASS
11AX40MIMO	total	5795	---	---	14.66	≤30.00	1.40	16.06	---	PASS
11AX80MIMO	Ant1	5210	100.00	0.00	13.30	≤23.98	1.40	14.70	---	PASS
11AX80MIMO	Ant2	5210	100.00	0.00	11.49	≤23.98	1.40	12.89	---	PASS
11AX80MIMO	total	5210	---	---	15.50	≤23.98	1.40	16.90	---	PASS
11AX80MIMO	Ant1	5290	100.00	0.00	12.98	≤23.98	1.40	14.38	---	PASS
11AX80MIMO	Ant2	5290	100.00	0.00	11.55	≤23.98	1.40	12.95	---	PASS
11AX80MIMO	total	5290	---	---	15.33	≤23.98	1.40	16.73	---	PASS
11AX80MIMO	Ant1	5530	100.00	0.00	12.08	≤23.98	1.40	13.48	---	PASS
11AX80MIMO	Ant2	5530	100.00	0.00	8.41	≤23.98	1.40	9.81	---	PASS
11AX80MIMO	total	5530	---	---	13.63	≤23.98	1.40	15.03	---	PASS
11AX80MIMO	Ant1	5610	100.00	0.00	12.57	≤23.98	1.40	13.97	---	PASS
11AX80MIMO	Ant2	5610	100.00	0.00	9.06	≤23.98	1.40	10.46	---	PASS
11AX80MIMO	total	5610	---	---	14.17	≤23.98	1.40	15.57	---	PASS
11AX80MIMO	Ant1	5775	100.00	0.00	13.19	≤30.00	1.40	14.59	---	PASS
11AX80MIMO	Ant2	5775	100.00	0.00	10.86	≤30.00	1.40	12.26	---	PASS
11AX80MIMO	total	5775	---	---	15.19	≤30.00	1.40	16.59	---	PASS

Test Graphs

















































































