











Report No. ENS2201200055W00503R













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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 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 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

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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.

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

8.2.5 Test Results

Chip 1: ANT1

Temperature	e: 26 ℃		Test By:		ZXR
Humidity :	55 %				
Band	Channel Number	Channel Freq. (MHz)	Conducted Power dBm	Limit (dBm)	Verdict
	CH36	5180	12.84	22	Pass
	CH40	5220	12.16	22	Pass
000 11-	CH48	5240	13.21	22	Pass
802.11a	CH149	5745	12.92	29	Pass
	CH157	5785	13.81	29	Pass
	CH165	5825	13.52	29	Pass
	CH36	5180	12.77	22	Pass
	CH40	5220	12.21	22	Pass
802.11n	CH48	5240	13.17	22	Pass
(VHT20)	CH149	5745	12.87	29	Pass
	CH157	5785	13.75	29	Pass
	CH165	5825	13.61	29	Pass
802.11n (VHT40)	CH38	5190	12.46	22	Pass
	CH46	5230	12.83	22	Pass
	CH151	5755	13.44	29	Pass
	CH159	5795	13.52	29	Pass
	CH36	5180	12.85	22	Pass
	CH40	5220	12.21	22	Pass
802.11AC (VHT20)	CH48	5240	13.20	22	Pass
	CH149	5745	13.04	29	Pass
	CH157	5785	13.70	29	Pass
	CH165	5825	13.56	29	Pass
	CH38	5190	12.47	22	Pass
802.11AC	CH46	5230	12.90	22	Pass
(VHT40)	CH151	5755	13.43	29	Pass
	CH159	5795	13.66	29	Pass
802.11AC	CH42	5210	12.57	22	Pass
(VHT80)	CH155	5775	13.46	29	Pass

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Chip 1: ANT2

Temperature	e: 26℃		Test By:		ZXR
Humidity :	55 %				
Band	Channel Number	Channel Freq. (MHz)	Conducted Power dBm	Limit (dBm)	Verdict
	CH36	5180	12.93	22	Pass
	CH40	5220	12.74	22	Pass
902 110	CH48	5240	13.01	22	Pass
002.11a	CH149	5745	13.19	29	Pass
	CH157	5785	13.64	29	Pass
	CH165	5825	12.90	29	Pass
	CH36	5180	13.00	22	Pass
	CH40	5220	12.53	22	Pass
802.11n	CH48	5240	12.97	22	Pass
(VHT20)	CH149	5745	13.20	29	Pass
	CH157	5785	13.47	29	Pass
	CH165	5825	13.12	29	Pass
	CH38	5190	12.58	22	Pass
802.11n	CH46	5230	13.01	22	Pass
(VHT40)	CH151	5755	13.38	29	Pass
	CH159	5795	13.48	29	Pass
	CH36	5180	12.79	22	Pass
	CH40	5220	12.64	22	Pass
802.11AC	CH48	5240	13.07	22	Pass
(VHT20)	CH149	5745	13.35	29	Pass
	CH157	5785	13.55	29	Pass
	CH165	5825	13.11	29	Pass
	CH38	5190	12.57	22	Pass
802.11AC (VHT40)	CH46	5230	12.89	22	Pass
	CH151	5755	13.33	29	Pass
	CH159	5795	13.52	29	Pass
802.11AC	CH42	5210	12.77	22	Pass
(VHT80)	CH155	5775	13.43	29	Pass



Chip 1: MIMC)				
Temperature	: 26 ℃		Test By:		ZXR
Humidity :	55 %				
Band	Channel Number	Channel Freq. (MHz)	Conducted Power dBm	Limit (dBm)	Verdict
	CH36	5180	15.90	22	Pass
	CH40	5220	15.38	22	Pass
802.11n	CH48	5240	16.08	22	Pass
(VHT20)	CH149	5745	16.05	29	Pass
	CH157	5785	16.62	29	Pass
	CH165	5825	16.38	29	Pass
	CH38	5190	15.53	22	Pass
802.11n	CH46	5230	15.93	22	Pass
(VHT40)	CH151	5755	16.42	29	Pass
	CH159	5795	16.51	29	Pass
	CH36	5180	15.83	22	Pass
	CH40	5220	15.44	22	Pass
802.11AC	CH48	5240	16.15	22	Pass
(VHT20)	CH149	5745	16.21	29	Pass
	CH157	5785	16.64	29	Pass
	CH165	5825	16.35	29	Pass
	CH38	5190	15.53	22	Pass
802.11AC	CH46	5230	15.91	22	Pass
(VHT40)	CH151	5755	16.39	29	Pass
	CH159	5795	16.60	29	Pass
802.11AC	CH42	5210	15.68	22	Pass
(VHT80)	CH155	5775	16.46	29	Pass



Chip 2: ANT1

Temperature Humidity :	: 26℃ 55 %		Test By:		ZXR
Band	Channel Number	Channel Freq. (MHz)	Conducted Power dBm	Limit (dBm)	Verdict
	CH36	5180	14.36	22	Pass
	CH40	5220	13.02	22	Pass
902 110	CH48	5240	12.53	22	Pass
002.11a	CH149	5745	12.23	29	Pass
	CH157	5785	12.41	29	Pass
	CH165	5825	12.81	29	Pass
	CH36	5180	14.02	22	Pass
	CH40	5220	13.12	22	Pass
802.11n	CH48	5240	12.42	22	Pass
(VHT20)	CH149	5745	12.06	29	Pass
	CH157	5785	12.23	29	Pass
	CH165	5825	12.8	29	Pass
802.11n	CH38	5190	14.8	22	Pass
	CH46	5230	13.68	22	Pass
(VHT40)	CH151	5755	12.98	29	Pass
	CH159	5795	13.3	29	Pass
	CH36	5180	12.58	22	Pass
	CH40	5220	11.42	22	Pass
802.11AC	CH48	5240	10.85	22	Pass
(VHT20)	CH149	5745	10.58	29	Pass
	CH157	5785	10.37	29	Pass
	CH165	5825	10.82	29	Pass
802.11AC (VHT40)	CH38	5190	10.8	22	Pass
	CH46	5230	10.85	22	Pass
	CH151	5755	10.6	29	Pass
	CH159	5795	10.51	29	Pass
802.11AC	CH42	5210	10.36	22	Pass
(VHT80)	CH155	5775	7.61	29	Pass

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Chip 2: ANT2

Temperature	e: 26℃		Test By:		ZXR
Humidity :	55 %				
Band	Channel Number	Channel Freq. (MHz)	Conducted Power dBm	Limit (dBm)	Verdict
	CH36	5180	13.5	22	Pass
	CH40	5220	12.58	22	Pass
902 112	CH48	5240	12.06	22	Pass
002.11a	CH149	5745	12.96	29	Pass
	CH157	5785	13.35	29	Pass
	CH165	5825	13.8	29	Pass
	CH36	5180	13.31	22	Pass
	CH40	5220	12.42	22	Pass
802.11n	CH48	5240	12.05	22	Pass
(VHT20)	CH149	5745	12.99	29	Pass
	CH157	5785	13.27	29	Pass
	CH165	5825	13.7	29	Pass
	CH38	5190	13.95	22	Pass
802.11n	CH46	5230	13.01	22	Pass
(VHT40)	CH151	5755	13.76	29	Pass
	CH159	5795	14.07	29	Pass
	CH36	5180	11.88	22	Pass
	CH40	5220	10.63	22	Pass
802.11AC	CH48	5240	10.39	22	Pass
(VHT20)	CH149	5745	10.92	29	Pass
	CH157	5785	11.13	29	Pass
	CH165	5825	11.87	29	Pass
802.11AC (VHT40)	CH38	5190	11.14	22	Pass
	CH46	5230	10.36	22	Pass
	CH151	5755	10.91	29	Pass
	CH159	5795	11.1	29	Pass
802.11AC	CH42	5210	8.48	22	Pass
(VHT80)	CH155	5775	8	29	Pass



Chip 2: MIMC)				
Temperature	: 26 ℃		Test By:		ZXR
Humidity :	55 %		1		
Band	Channel Number	Channel Freq. (MHz)	Conducted Power dBm	Limit (dBm)	Verdict
	CH36	5180	16.69	22	Pass
	CH40	5220	15.79	22	Pass
802.11n	CH48	5240	15.25	22	Pass
(VHT20)	CH149	5745	15.56	29	Pass
	CH157	5785	15.79	29	Pass
	CH165	5825	16.28	29	Pass
	CH38	5190	17.41	22	Pass
802.11n	CH46	5230	16.37	22	Pass
(VHT40)	CH151	5755	16.40	29	Pass
	CH159	5795	16.71	29	Pass
	CH36	5180	15.25	22	Pass
	CH40	5220	14.05	22	Pass
802.11AC	CH48	5240	13.64	22	Pass
(VHT20)	CH149	5745	13.76	29	Pass
	CH157	5785	13.78	29	Pass
	CH165	5825	14.39	29	Pass
	CH38	5190	13.98	22	Pass
802.11AC	CH46	5230	13.62	22	Pass
(VHT40)	CH151	5755	13.77	29	Pass
	CH159	5795	13.83	29	Pass
802.11AC	CH42	5210	12.53	22	Pass
(VHT80)	CH155	5775	10.82	29	Pass



Chip 1 : ANT1 and ANT2



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Chip 2 : ANT1 and ANT2
















































































































8.3 MAXIMUM PEAK POWER DENSITY

8.3.1 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(F)

8.3.2 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 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

(b) (2) the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 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.

8.3.3 Test Configuration

Test according to clause 6.1 radio frequency test setup

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8.3.4 Test Procedure

Methods refer to FCC KDB 789033

For devices operating in the bands 5.15-5.25 GHz, 5.25-5.35 GHz, and 5.47-5.725 GHz, the above procedures make use of 1 MHz RBW to satisfy directly the 1 MHz reference bandwidth specified in § 15.407(a)(5). For devices operating in the band 5.725-5.85 GHz, the rules specify a measurement bandwidth of 500 kHz. Many spectrum analyzers do not have 500 kHz RBW, thus a narrower RBW may need to be used. The rules permit the use of a RBWs less than 1 MHz, or 500 kHz, "provided that the measured power is integrated over the full reference bandwidth" to show the total power over the specified measurement bandwidth (i.e., 1 MHz, or 500 kHz). If measurements are performed using a reduced resolution bandwidth (< 1 MHz, or < 500 kHz) and integrated over 1 MHz, or 500 KHz bandwidth, the following adjustments to the procedures apply:

a) Set RBW $\geq 1/T$, where T is defined in section II.B.I.a).

b) Set VBW \geq 3 RBW.

c) If measurement bandwidth of Maximum PSD is specified in 500 kHz, add 10log(500kHz/RBW) to the measured result, whereas RBW (< 500 KHz) is the reduced resolution bandwidth of the spectrum analyzer set during measurement.

d) If measurement bandwidth of Maximum PSD is specified in 1 MHz, add 10log(1MHz/RBW) to the measured result, whereas RBW (< 1 MHz) is the reduced resolution bandwidth of spectrum analyzer set during measurement.

e) Care must be taken to ensure that the measurements are performed during a period of continuous transmission or are corrected upward for duty cycle.

Note: As a practical matter, it is recommended to use reduced RBW of 100 KHz for the sections

5.c) and 5.d) above, since RBW=100 KHZ is available on nearly all spectrum analyzers.



8.3.5 Test Results

Temperature :	28 ℃	Test By:	ZXR
Humidity :	65 %		

Chip 1: ANT1

TestMode	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
	5180	1.804	≤10.00	PASS
	5220	1.204	≤10.00	PASS
11.0	5240	2.403	≤10.00	PASS
IIA	5745	-1.083	≤29.00	PASS
	5785	-0.222	≤29.00	PASS
	5825	-0.207	≤29.00	PASS
	5180	1.392	≤10.00	PASS
	5220	0.800	≤10.00	PASS
1110205150	5240	1.745	≤10.00	PASS
1111203130	5745	-1.030	≤29.00	PASS
	5785	-0.399	≤29.00	PASS
	5825	-0.627	≤29.00	PASS
	5190	-1.774	≤10.00	PASS
1111405150	5230	-0.506	≤10.00	PASS
111403130	5755	-3.371	≤29.00	PASS
	5795	-3.514	≤29.00	PASS
	5180	1.455	≤10.00	PASS
	5220	0.935	≤10.00	PASS
11 1 0000100	5240	2.040	≤10.00	PASS
TIAC205150	5745	-1.411	≤29.00	PASS
	5785	-0.429	≤29.00	PASS
	5825	-0.615	≤29.00	PASS
	5190	-1.681	≤10.00	PASS
11 10 10 21 20	5230	-0.454	≤10.00	PASS
11AC40SISO	5755	-3.265	≤29.00	PASS
	5795	-3.739	≤29.00	PASS
1100805150	5210	-3.139	≤10.00	PASS
Noto:	5775	-6.560	≤29.00	PASS

Note:

UNII Band I limit: EIRP-PSD ≤10dBm/1MHz

UNII Band III Limit: Conducted-PSD ≤30dBm /500KHz



TestMode	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
	5180	1.906	≤10.00	PASS
	5220	1.851	≤10.00	PASS
11.0	5240	1.838	≤10.00	PASS
IIA	5745	-0.459	≤29.00	PASS
	5785	-0.324	≤29.00	PASS
	5825	-0.781	≤29.00	PASS
	5180	1.870	≤10.00	PASS
	5220	1.543	≤10.00	PASS
1111205150	5240	1.868	≤10.00	PASS
1111203130	5745	-0.685	≤29.00	PASS
	5785	-0.548	≤29.00	PASS
	5825	-1.142	≤29.00	PASS
	5190	-1.327	≤10.00	PASS
1111/09190	5230	-0.655	≤10.00	PASS
1111405150	5755	-2.923	≤29.00	PASS
	5795	-3.261	≤29.00	PASS
	5180	1.804	≤10.00	PASS
	5220	1.462	≤10.00	PASS
1110200100	5240	1.686	≤10.00	PASS
TIAC203130	5745	-0.674	≤29.00	PASS
	5785	-0.736	≤29.00	PASS
	5825	-0.960	≤29.00	PASS
	5190	-1.341	≤10.00	PASS
11 1 0 10 0 0 0	5230	-0.331	≤10.00	PASS
17403130	5755	-2.801	≤29.00	PASS
Γ	5795	-3.348	≤29.00	PASS
1140805150	5210	-3.174	≤10.00	PASS
1140003130	5775	-6.355	≤29.00	PASS

UNII Band III Limit: Conducted-PSD ≤30dBm /500KHz



TestMode	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
	5180	4.65	≤10.00	PASS
	5220	4.20	≤10.00	PASS
1111205150	5240	4.82	≤10.00	PASS
1111203130	5745	2.16	≤29.00	PASS
	5785	2.54	≤29.00	PASS
	5825	2.13	≤29.00	PASS
	5190	1.47	≤10.00	PASS
1111405150	5230	2.43	≤10.00	PASS
1111403130	5755	-0.13	≤29.00	PASS
	5795	-0.38	≤29.00	PASS
	5180	4.64	≤10.00	PASS
	5220	4.22	≤10.00	PASS
1100205150	5240	4.88	≤10.00	PASS
TIA0203130	5745	1.98	≤29.00	PASS
	5785	2.43	≤29.00	PASS
	5825	2.23	≤29.00	PASS
	5190	1.50	≤10.00	PASS
1100408180	5230	2.62	≤10.00	PASS
11AC405150	5755	-0.02	≤29.00	PASS
	5795	-0.53	≤29.00	PASS
1140905150	5210	-0.15	≤10.00	PASS
1140005150	5775	-3.45	≤29.00	PASS

Chip 1: MIMO

Note:

UNII Band I limit: EIRP-PSD ≤10dBm/1MHz

UNII Band III Limit: Conducted-PSD ≤30dBm /500KHz



TestMode	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
	5180	2.83	≤10.00	PASS
	5220	1.56	≤10.00	PASS
	5240	1.06	≤10.00	PASS
IIA	5745	-1.96	≤29.00	PASS
	5785	-1.78	≤29.00	PASS
	5825	-1.48	≤29.00	PASS
	5180	2.15	≤10.00	PASS
	5220	1.33	≤10.00	PASS
1111205150	5240	0.64	≤10.00	PASS
1111203130	5745	-2.28	≤29.00	PASS
	5785	-2.29	≤29.00	PASS
	5825	-1.73	≤29.00	PASS
	5190	0.01	≤10.00	PASS
1111405150	5230	-1.02	≤10.00	PASS
1111403130	5755	-4.62	≤29.00	PASS
	5795	-4.31	≤29.00	PASS
	5180	1.05	≤10.00	PASS
	5220	-0.05	≤10.00	PASS
1100205150	5240	-0.65	≤10.00	PASS
TIAC203130	5745	-3.18	≤29.00	PASS
	5785	-3.4	≤29.00	PASS
	5825	-3	≤29.00	PASS
	5190	-2.65	≤10.00	PASS
11 1 0 100 100	5230	-3.65	≤10.00	PASS
11AC40SISO -	5755	-5.81	≤29.00	PASS
	5795	-5.99	≤29.00	PASS
1100000000	5210	-7.24	≤10.00	PASS
1140005150	5775	-11.94	≤29.00	PASS
Note: (1)UNII Band I limit: EIRP-PSD ≤10dBm/1MHz.				

Chip 2: ANT1

(2)UNII Band III Limit: Conducted-PSD ≤30dBm /500KHz.

(3)U-NII 3 RBW factors have added to result.



TestMode	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
	5180	1.87	≤10.00	PASS
	5220	1.08	≤10.00	PASS
44.6	5240	0.52	≤10.00	PASS
IIA	5745	-1.16	≤29.00	PASS
	5785	-0.93	≤29.00	PASS
	5825	-0.4	≤29.00	PASS
	5180	1.42	≤10.00	PASS
	5220	0.66	≤10.00	PASS
1111205150	5240	0.23	≤10.00	PASS
1111203130	5745	-1.38	≤29.00	PASS
	5785	-1.22	≤29.00	PASS
	5825	-0.77	≤29.00	PASS
	5190	-0.92	≤10.00	PASS
1111405150	5230	-1.77	≤10.00	PASS
1111405150	5755	-3.87	≤29.00	PASS
	5795	-3.63	≤29.00	PASS
	5180	0.22	≤10.00	PASS
	5220	-1.05	≤10.00	PASS
11 1 0 0 0 0 0 0 0	5240	-1.18	≤10.00	PASS
TIAC205150	5745	-2.82	≤29.00	PASS
	5785	-2.48	≤29.00	PASS
	5825	-1.8	≤29.00	PASS
	5190	-3.52	≤10.00	PASS
1100408180	5230	-4.15	≤10.00	PASS
TIAC405150	5755	-5.44	≤29.00	PASS
	5795	-5.22	≤29.00	PASS
110000000	5210	-8.82	≤10.00	PASS
1140005150	5775	-10.94	≤29.00	PASS
Note: (1)UNII Band Llimit [:] EIRP-PSD <10dBm/1MHz				

Chip 2: ANT2

(2)UNII Band III Limit: Conducted-PSD ≤30dBm /500KHz.
(3)U-NII 3 RBW factors have added to result.



TestMode	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
	5180	4.81	≤10.00	PASS
	5220	4.02	≤10.00	PASS
111000100	5240	3.45	≤10.00	PASS
1111205150	5745	1.20	≤29.00	PASS
	5785	1.29	≤29.00	PASS
	5825	1.79	≤29.00	PASS
	5190	2.58	≤10.00	PASS
1111408180	5230	1.63	≤10.00	PASS
111405150	5755	-1.22	≤29.00	PASS
	5795	-0.95	≤29.00	PASS
	5180	3.67	≤10.00	PASS
	5220	2.49	≤10.00	PASS
110000000	5240	2.10	≤10.00	PASS
11AC203130	5745	0.01	≤29.00	PASS
	5785	0.09	≤29.00	PASS
	5825	0.65	≤29.00	PASS
	5190	-0.05	≤10.00	PASS
11AC40SISO	5230	-0.88	≤10.00	PASS
	5755	-2.61	≤29.00	PASS
	5795	-2.58	≤29.00	PASS
1140000100	5210	-4.95	≤10.00	PASS
TIAC80SISO	5775	-8.40	≤29.00	PASS

Chip 2: MIMO

Note:

(1)UNII Band I limit: EIRP-PSD ≤10dBm/1MHz.

(2)UNII Band III Limit: Conducted-PSD ≤30dBm /500KHz.

(3)U-NII 3 RBW factors have added to result.







Ver. 1.0







