A Test Lab Techno Corp.

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MPE Report

Test Report No.	:	1701FS11-01
Applicant	:	Kpnetworks Ltd.
Product Type	:	Wireless Lan Access Point
Trade Name	:	Kpnetworks
Model Number	:	KPWL-0300
Date of Received	:	Dec.06, 2016
Test Period	:	Dec.12, 2016
Date of Issued	:	Jan. 26, 2017
Test Specification	:	ANSI / IEEE Std.C95.1-1992 / IEEE Std. 1528-2013
		47 CFR § 2.1091
		47 CFR § 1.1310
Location of Test Lab.	:	Chang-an Lab.

1. The test operations have to be performed with cautious behavior, the test results are as attached.
2. The test results are under chamber environment of A Test Lab Techno Corp. A Test Lab Techno Corp. does not assume responsibility for any conclusions and generalizations drawn from the test results with regard to other specimens or samples.
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Approved By : (Bill Hu)

Tested By : (Mark Duan)

Contents

1. Description of Equipment under Test (EUT)

Applicant	Kpnetworks Ltd. 4-5-11-10F Shiba, Minato-ku, Tokyo, 108-0014, Japan			
Manufacturer	Edimax Technology Co., Ltd. No. 3, Wu-Chun 3rd Road., Wuku District, New Taipei City 24891, Taiwan, R.O.C.			
Product Type	Wireless Lan Access Point			
Trade Name	Kpnetworks			
Model Number	KPWL-0300			
FCC ID	2AGR9KPWL0300			
Module Used	DTS Module: QCA9984 (EW-7955MAC) NII Module: QCA9984 (EW-7955MN), Master mode only NII Module: QCA9990 (EW-7944MAC), Master mode + Client mode (U-NII Band I only)			
Frequency Range	Operate Band			Frequency Range (MHz)
	IEEE 802.11b / 802.11g / 802.11n 2.4GHz 20MHz			2412 - 2462
	IEEE 802.11n 2.4GHz 40MHz			2422 - 2452
	IEEE 802.11a U-NII Band I			5180 - 5240
	IEEE 802.11a U-NII Band III			5745 - 5825
	IEEE 802.11ac / 802.11n 5GHz 20MHz U-NII Band I			5180 - 5240
	IEEE 802.11ac / 802.11n 5GHz 20MHz U-NII Band III			5745 - 5825
	IEEE 802.11ac / 802.11n 5GHz 40MHz U-NII Band I			5190 - 5230
	IEEE 802.11ac / 802.11n 5GHz 40MHz U-NII Band III			5755 - 5795
	IEEE 802.11ac 80MHz U-NII Band I			5210
	IEEE 802.11ac 80MHz U-NII Band III			5775
	The IEEE 802.11n support 256QAM.			
Antenna information	Model	Type	Max. Gain (dBi)	Note
	C059-510348-A	External antenna (Reversed-SMA Connector)	2.4GHz: 4.5 5GHz: 6.0	For AP port_4TX
	C059-510347-A	External antenna (Reversed-SMA Connector)	5GHz: 6.0	For P-t-P Port_4TX
	M6060060P1D43602M	External antenna (Reversed-SMA Connector)	2.4GHz: 6.0 5GHz: 6.0	Quad Patct Antenna
	M6060060P23602NB	External antenna (Reversed-SMA Connector)	2.4GHz: 6.0 5GHz: 6.0	MIMO Patct Antenna
	SAA04-22008A	External antenna (Reversed-SMA Connector)	2.4GHz: 4.5 5GHz: 7.0	Omni Directional Antenna
Antenna Delivery	All of operate bands are 4TX/4RX.			
Temperature Range	-20 ~ +50℃			
RF Evaluation	0.757 mW/cm^2			

The above equipment was tested by A Test Lab Techno Corp. For compliance with the requirements set forth in 47 CFR § 2.1091 / 47 CFR § 1.1310. The results of testing in this report apply only to the product/system, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties

2. Human Exposure Assessment

Due to the design and installation of this product, it is not possible to conduct SAR evaluation. This is because client either manufactures or supplies the antenna(s) that will be used in the installation of this product. Therefore, this product will be evaluated as a mobile device per 47 CFR § 1.1310 titled “Radiofrequency radiation exposure limits”, generally referred to as MPE limits.

In 47 CFR § 2.1091, paragraph (b) defines a mobile device as “a transmitting device designed to be used in other than fixed locations and to generally be used in such a way that a separation distance of at least 20 cm is normally maintained between the transmitter’s radiating structure(s) and the body of the user or nearby persons. ” This product is intended to be installed into a vehicle such that the unit is physically secured at one location. In the installation guide supplied with the product,

Client has made the following statement: “IMPORTANT: To meet the FCC’s RF Exposure Guidelines, the antenna should be installed so there is at least 20 cm of separation between the body of the user and nearby persons and the antenna”. Based on the installation of the transceiver and the antenna, the transmitters radiating structure is more than 20 cm from the user. Thus, this product is a “mobile device” as defined in section § 2.1091 paragraph (b).

Exposure evaluation
$$S = \frac{PG}{4\pi R^2}$$ Where S: power density P: power input to the antenna G: power gain of the antenna in the direction of interest relative to an isotropic radiator. R: distance to the center of radiation of the antenna.

3. RF Output Power

The conducted power turn-up tolerance reference manufacturer specification.

DTS module: QCA9984 (EW-7955MAC)							
Band	Date Rate (Mbps)	Frequency (MHz)	Average Conducted power (dBm)				
			ANT-0	ANT-1	ANT-2	ANT-3	ANT-0+1+2+3
IEEE 802.11b	1	2412	16.69	16.96	18.11	16.88	23.22
		2437	16.38	17.01	17.74	17.00	23.08
		2462	16.05	16.38	17.07	16.22	22.47
	2	2437	15.99	16.49	16.75	16.16	22.38
	5.5	2437	16.19	16.95	17.48	16.81	22.90
	11	2437	16.04	16.60	16.82	16.55	22.53
IEEE 802.11g	6	2412	10.56	11.08	11.91	11.01	17.19
		2437	17.19	17.75	18.32	17.31	23.69
		2462	10.82	11.24	11.54	10.96	17.17
	9	2437	16.49	17.47	18.22	16.98	23.36
	12	2437	16.99	17.63	18.29	17.13	23.56
	18	2437	17.13	17.75	18.32	17.31	23.67
	24	2437	16.39	17.26	18.05	16.85	23.20
	36	2437	16.25	17.10	17.87	16.81	23.07
	48	2437	16.65	17.33	18.19	16.90	23.33
	54	2437	16.22	17.07	17.82	16.79	23.03
IEEE 802.11n 2.4GHz 20MHz	26	2412	9.70	10.19	11.12	10.04	16.32
		2437	10.98	11.44	12.30	11.18	17.53
		2462	9.82	10.18	10.56	9.91	16.15
	57.6	2437	10.55	10.98	11.95	10.74	17.11
	86.8	2437	10.35	10.73	11.86	10.54	16.93
	115.6	2437	10.31	10.60	11.70	10.31	16.79
	173.2	2437	10.81	11.29	12.21	11.01	17.38
	231.2	2437	10.43	10.81	11.90	10.66	17.01
	260	2437	10.71	11.22	12.16	10.92	17.31
	288.8	2437	10.34	10.67	11.73	10.44	16.85
	346.8	2437	10.64	11.20	12.07	10.85	17.25

DTS module: QCA9984 (EW-7955MAC)							
Band	Date Rate (Mbps)	Frequency (MHz)	Average Conducted power (dBm)				
			ANT-0	ANT-1	ANT-2	ANT-3	ANT-0+1+2+3
IEEE 802.11n 2.4GHz 40MHz	54	2422	7.07	7.54	8.28	7.45	13.63
		2437	10.58	10.89	11.31	10.53	16.86
		2452	7.56	7.82	8.31	7.39	13.80
	120	2437	9.75	10.73	11.05	10.38	16.52
	180	2437	9.56	9.94	10.62	9.59	15.97
	240	2437	9.69	10.53	10.96	10.04	16.35
	360	2437	9.66	10.20	10.79	9.82	16.16
	480	2437	10.40	10.85	11.28	10.49	16.79
	540	2437	9.66	10.11	10.71	9.78	16.11
	600	2437	9.97	10.84	11.20	10.39	16.65
	720	2437	9.67	10.45	10.91	9.84	16.27
	800	2437	9.58	10.00	10.69	9.60	16.01

NII Module: QCA9984 (EW-7955MN)							
Band	Date Rate (Mbps)	Frequency (MHz)	Average Conducted power (dBm)				
			ANT-0	ANT-1	ANT-2	ANT-3	ANT-0+1+2+3
IEEE 802.11a	6	5180	13.75	14.96	15.07	14.40	20.60
		5200	13.81	15.05	15.17	14.05	20.58
		5220	13.79	15.17	15.27	14.21	20.68
		5240	13.82	15.34	15.41	14.38	20.81
		5745	6.14	7.43	7.65	5.76	12.84
		5765	6.19	7.77	7.74	5.88	13.00
		5785	6.26	7.66	7.75	6.01	13.01
		5805	6.44	7.74	7.67	6.19	13.09
		5825	6.41	7.48	7.53	6.65	13.07
	54	5180	13.70	14.90	15.04	14.37	20.55
		5200	13.76	15.03	15.11	14.02	20.54
		5220	13.74	15.15	15.23	14.19	20.64
		5240	13.77	15.32	15.39	14.34	20.78
		5745	6.09	7.40	7.62	5.70	12.80
		5765	6.18	7.76	7.73	5.85	12.99
		5785	6.21	7.60	7.71	5.97	12.96
		5805	6.40	7.68	7.62	6.14	13.04
		5825	6.35	7.45	7.51	6.63	13.03
IEEE 802.11ac 20MHz	26	5180	14.35	15.22	15.24	14.46	20.86
		5200	13.58	15.01	15.43	14.54	20.71
		5220	13.98	15.15	15.18	14.58	20.77
		5240	12.96	14.31	14.65	14.02	20.05
		5745	6.57	7.85	8.22	6.59	13.39
		5765	6.67	8.18	8.32	6.56	13.53
		5785	6.73	8.21	8.27	6.68	13.56
		5805	6.96	8.05	8.12	6.72	13.53
		5825	6.61	7.91	8.14	7.08	13.50
	312	5180	14.33	15.20	15.23	14.41	20.83
		5200	13.73	14.97	15.37	14.51	20.71
		5220	13.93	15.14	15.16	14.54	20.74
		5240	12.91	14.25	14.59	13.98	20.00
		5745	6.54	7.81	8.17	6.53	13.35
		5765	6.61	8.13	8.31	6.51	13.49
		5785	6.70	8.17	8.24	6.63	13.52
		5805	6.91	8.03	8.08	6.70	13.50
		5825	6.59	7.86	8.12	7.04	13.47

NII Module: QCA9984 (EW-7955MN)							
Band	Date Rate (Mbps)	Frequency (MHz)	Average Conducted power (dBm)				
			ANT-0	ANT-1	ANT-2	ANT-3	ANT-0+1+2+3
IEEE 802.11ac 40MHz	54	5190	10.06	11.21	11.50	10.58	16.89
		5230	15.07	16.55	16.38	15.78	22.00
		5755	7.46	8.75	9.13	7.54	14.30
		5795	8.37	9.76	9.96	8.60	15.25
	720	5190	10.02	11.17	11.47	10.53	16.85
		5230	15.02	16.52	16.34	15.73	21.96
		5755	7.45	8.72	9.10	7.53	14.28
		5795	8.35	9.75	9.90	8.55	15.21
IEEE 802.11ac 80MHz	117.2	5210	6.64	7.88	8.54	7.56	13.73
		5775	11.03	12.31	12.55	11.10	17.82
	1560	5210	6.61	7.85	8.52	7.55	13.71
		5775	11.02	12.28	12.53	11.09	17.80

NII Module: QCA9990 (EW-7944MAC), Master mode							
Band	Date Rate (Mbps)	Frequency (MHz)	Average Conducted power (dBm)				
			ANT-0	ANT-1	ANT-2	ANT-3	ANT-0+1+2+3
IEEE 802.11a	6	5180	15.01	16.19	15.66	15.19	21.56
		5200	15.00	16.09	15.59	14.20	21.30
		5220	15.05	16.08	15.55	15.17	21.50
		5240	15.15	16.22	15.62	15.34	21.62
		5745	7.93	9.59	9.63	8.91	15.09
		5765	7.81	9.64	9.69	8.90	15.09
		5785	7.99	9.69	9.60	8.98	15.14
		5805	8.13	9.68	9.47	9.05	15.14
		5825	8.72	10.32	9.61	9.35	15.56
	54	5180	14.87	16.01	15.63	15.00	21.42
		5200	14.98	16.05	15.55	14.14	21.26
		5220	14.91	15.99	15.46	14.99	21.38
		5240	15.08	16.12	15.56	15.26	21.54
		5745	7.88	9.52	9.44	8.88	15.00
		5765	7.72	9.51	9.57	8.85	14.99
		5785	7.83	9.64	9.48	8.86	15.03
		5805	8.07	9.56	9.33	8.96	15.04
		5825	8.69	10.27	9.50	9.31	15.50
IEEE 802.11ac 20MHz	26	5180	14.97	16.15	15.65	14.92	21.47
		5200	14.89	17.18	15.59	16.02	22.02
		5220	16.46	17.64	17.11	16.53	22.98
		5240	16.56	17.66	17.15	16.57	23.03
		5745	8.04	9.60	9.81	9.28	15.25
		5765	7.92	9.59	9.85	9.21	15.22
		5785	8.49	10.19	10.28	9.71	15.74
		5805	8.60	10.25	10.23	10.34	15.93
		5825	9.33	10.99	10.50	10.26	16.33
	312	5180	14.97	16.15	15.65	14.92	21.47
		5200	14.89	17.18	15.59	16.02	22.02
		5220	16.46	17.64	17.11	16.53	22.98
		5240	16.56	17.66	17.15	16.57	23.03
		5745	8.04	9.60	9.81	9.28	15.25
		5765	7.92	9.59	9.85	9.21	15.22
		5785	8.49	10.19	10.28	9.71	15.74
		5805	8.60	10.25	10.23	10.34	15.93
		5825	9.33	10.99	10.50	10.26	16.33

NII Module: QCA9990 (EW-7944MAC), Master mode							
Band	Date Rate (Mbps)	Frequency (MHz)	Average Conducted power (dBm)				
			ANT-0	ANT-1	ANT-2	ANT-3	ANT-0+1+2+3
IEEE 802.11ac 40MHz	54	5190	14.56	15.89	15.66	15.04	21.34
		5230	17.05	18.27	17.85	17.65	23.75
		5755	8.61	10.05	10.32	9.74	15.75
		5795	11.49	12.50	12.72	12.58	18.37
	720	5190	14.48	15.85	15.64	14.92	21.28
		5230	16.95	18.16	17.73	17.48	23.62
		5755	8.45	9.95	10.17	9.58	15.61
		5795	11.35	12.35	12.56	12.42	18.22
IEEE 802.11ac 80MHz	117.2	5210	16.75	18.26	17.72	17.48	23.61
		5775	11.64	12.92	13.06	12.78	18.66
	1560	5210	16.67	18.20	17.52	17.43	23.51
		5775	11.56	12.88	13.00	12.62	18.57

NII Module: QCA9990 (EW-7944MAC), Client mode							
Band	Date Rate (Mbps)	Frequency (MHz)	Average Conducted power (dBm)				
			ANT-0	ANT-1	ANT-2	ANT-3	ANT-0+1+2+3
IEEE 802.11a	6	5180	9.36	10.32	9.73	9.13	15.68
		5200	9.38	10.36	9.70	9.27	15.72
		5220	9.41	10.34	9.66	9.29	15.72
		5240	9.51	10.41	9.62	9.36	15.77
	54	5180	9.26	10.21	9.69	9.06	15.60
		5200	9.27	10.20	9.57	9.13	15.58
		5220	9.39	10.25	9.51	9.15	15.62
		5240	9.49	10.36	9.50	9.34	15.71
IEEE 802.11ac 20MHz	26	5180	9.33	10.29	9.76	9.01	15.64
		5200	9.34	10.34	9.75	9.07	15.67
		5220	9.44	10.31	9.69	9.19	15.70
		5240	9.47	10.33	9.68	9.34	15.74
	312	5180	9.25	10.19	9.65	8.96	15.56
		5200	9.26	10.24	9.73	9.00	15.60
		5220	9.40	10.31	9.65	9.04	15.65
		5240	9.32	10.25	9.65	9.23	15.65
IEEE 802.11ac 40MHz	54	5190	10.92	12.33	11.93	11.38	17.69
		5230	11.00	12.39	11.89	11.64	17.78
	720	5190	10.78	12.30	11.82	11.28	17.60
		5230	10.84	12.26	11.73	11.59	17.65
IEEE 802.11ac 80MHz	117.2	5210	10.99	12.36	11.76	11.67	17.74
	1560	5210	10.93	12.30	11.71	11.62	17.69

4. Test Results

DTS module: QCA9984 (EW-7955MAC)										
Band	Data Rate (Mbps)	Frequency (MHz)	Limit (mw)	Distance [R] (cm)	Max tune-up Power (upper limit) [P] (dBm)	ANT Gain (dBi)	Numeric Gain [G]	Duty Cycle	[P] x [G] with Duty cycle [TP] (mW)	Power Density [S] (mw/cm^2)
IEEE 802.11b CDD	1	2412	1	29	23.30	6.00	3.98	1	850.91	0.081
		2437	1	29	23.30	6.00	3.98	1	850.91	0.081
		2462	1	29	23.30	6.00	3.98	1	850.91	0.081
IEEE 802.11g CDD	6	2412	1	29	17.20	6.00	3.98	1	208.87	0.020
		2437	1	29	23.70	6.00	3.98	1	933	0.088
		2462	1	29	17.20	6.00	3.98	1	208.87	0.020
IEEE 802.11n 2.4GHz 20MHz MIMO	26	2412	1	29	16.40	12.02	15.92	1	694.93	0.066
		2437	1	29	17.60	12.02	15.92	1	916.1	0.087
		2462	1	29	16.20	12.02	15.92	1	663.66	0.063
IEEE 802.11n 2.4GHz 40MHz MIMO	54	2422	1	29	13.70	12.02	15.92	1	373.2	0.035
		2437	1	29	16.90	12.02	15.92	1	779.73	0.074
		2452	1	29	13.90	12.02	15.92	1	390.79	0.037

NII Module: QCA9984 (EW-7955MN)										
Band	Data Rate (Mbps)	Frequency (MHz)	Limit (mw)	Distance [R] (cm)	Max tune-up Power (upper limit) [P] (dBm)	ANT Gain (dBi)	Numeric Gain [G]	Duty Cycle	[P] x [G] with Duty cycle [TP] (mW)	Power Density [S] (mw/cm^2)
IEEE 802.11a CDD	6	5180	1	29	21	7	5.01	1	630.72	0.060
		5200	1	29	21	7	5.01	1	630.72	0.060
		5220	1	29	21	7	5.01	1	630.72	0.060
		5240	1	29	21	7	5.01	1	630.72	0.060
		5745	1	29	13.1	7	5.01	1	102.29	0.010
		5765	1	29	13.1	7	5.01	1	102.29	0.010
		5785	1	29	13.1	7	5.01	1	102.29	0.010
		5805	1	29	13.1	7	5.01	1	102.29	0.010
		5825	1	29	13.1	7	5.01	1	102.29	0.010
IEEE 802.11ac 20MHz MIMO	26	5180	1	29	21	13.02	20.04	1	2522.89	0.239
		5200	1	29	21	13.02	20.04	1	2522.89	0.239
		5220	1	29	21	13.02	20.04	1	2522.89	0.239
		5240	1	29	21	13.02	20.04	1	2522.89	0.239
		5745	1	29	13.6	13.02	20.04	1	459.09	0.043
		5765	1	29	13.6	13.02	20.04	1	459.09	0.043
		5785	1	29	13.6	13.02	20.04	1	459.09	0.043
		5805	1	29	13.6	13.02	20.04	1	459.09	0.043
		5825	1	29	13.6	13.02	20.04	1	459.09	0.043
IEEE 802.11ac 40MHz MIMO	54	5190	1	29	17	13.02	20.04	1	1004.38	0.095
		5230	1	29	22.1	13.02	20.04	1	3250.11	0.308
		5755	1	29	14.4	13.02	20.04	1	551.95	0.052
		5795	1	29	15.3	13.02	20.04	1	679.04	0.064
IEEE 802.11ac 80MHz MIMO	117.2	5210	1	29	13.8	13.02	20.04	1	480.73	0.045
		5775	1	29	18	13.02	20.04	1	1264.44	0.120

NII Module: QCA9990 (EW-7944MAC), Master mode										
Band	Data Rate (Mbps)	Frequency (MHz)	Limit (mw)	Distance [R] (cm)	Max tune-up Power (upper limit) [P] (dBm)	ANT Gain (dBi)	Numeric Gain [G]	Duty Cycle	[P] x [G] with Duty cycle [TP] (mW)	Power Density [S] (mw/cm^2)
IEEE 802.11a CDD	6	5180	1	29	21.7	6	3.98	1	588.69	0.056
		5200	1	29	21.7	6	3.98	1	588.69	0.056
		5220	1	29	21.7	6	3.98	1	588.69	0.056
		5240	1	29	21.7	6	3.98	1	588.69	0.056
		5745	1	29	15.6	6	3.98	1	144.51	0.014
		5765	1	29	15.6	6	3.98	1	144.51	0.014
		5785	1	29	15.6	6	3.98	1	144.51	0.014
		5805	1	29	15.6	6	3.98	1	144.51	0.014
		5825	1	29	15.6	6	3.98	1	144.51	0.014
IEEE 802.11ac 20MHz MIMO	26	5180	1	29	23.1	12.02	15.92	1	3250.45	0.308
		5200	1	29	23.1	12.02	15.92	1	3250.45	0.308
		5220	1	29	23.1	12.02	15.92	1	3250.45	0.308
		5240	1	29	23.1	12.02	15.92	1	3250.45	0.308
		5745	1	29	16.4	12.02	15.92	1	694.93	0.066
		5765	1	29	16.4	12.02	15.92	1	694.93	0.066
		5785	1	29	16.4	12.02	15.92	1	694.93	0.066
		5805	1	29	16.4	12.02	15.92	1	694.93	0.066
		5825	1	29	16.4	12.02	15.92	1	694.93	0.066
IEEE 802.11ac 40MHz MIMO	54	5190	1	29	21.4	12.02	15.92	1	2197.57	0.208
		5230	1	29	23.8	12.02	15.92	1	3818.94	0.361
		5755	1	29	15.8	12.02	15.92	1	605.26	0.057
		5795	1	29	18.4	12.02	15.92	1	1101.39	0.104
IEEE 802.11ac 80MHz MIMO	117.2	5210	1	29	23.7	12.02	15.92	1	3732.01	0.353
		5775	1	29	18.7	12.02	15.92	1	1180.17	0.112

NII Module: QCA9990 (EW-7944MAC), Client mode										
Band	Data Rate (Mbps)	Frequency (MHz)	Limit (mw)	Distance [R] (cm)	Max tune-up Power (upper limit) [P] (dBm)	ANT Gain (dBi)	Numeric Gain [G]	Duty Cycle	[P] x [G] with Duty cycle [TP] (mW)	Power Density [S] (mw/cm^2)
IEEE 802.11a CDD	6	5180	1	29	15.8	6	3.98	1	151.32	0.014
		5200	1	29	15.8	6	3.98	1	151.32	0.014
		5220	1	29	15.8	6	3.98	1	151.32	0.014
		5240	1	29	15.8	6	3.98	1	151.32	0.014
IEEE 802.11ac 20MHz MIMO	26	5180	1	29	15.8	12.02	15.92	1	605.26	0.057
		5200	1	29	15.8	12.02	15.92	1	605.26	0.057
		5220	1	29	15.8	12.02	15.92	1	605.26	0.057
		5240	1	29	15.8	12.02	15.92	1	605.26	0.057
IEEE 802.11ac 40MHz MIMO	54	5190	1	29	17.8	12.02	15.92	1	959.27	0.091
		5230	1	29	17.8	12.02	15.92	1	959.27	0.091
IEEE 802.11ac 80MHz MIMO	117.2	5210	1	29	17.8	12.02	15.92	1	959.27	0.091

Note:
1. Mobile or fixed location transmitters, minimum separation distance is 20cm, even if calculations indicate MPE distance is less.
2. The Numeric Gain calculated by 10^(ant. Gain(dBi) /10).
3. Each band max power which perform MPE of any configurations.
4. The MPE results are evaluated by lowest data rate for WLAN.
5. The device operating IEEE 802.11 a/b/g mode is 4TX CDD.
6. The device operating IEEE 802.11 ac/n mode is 4TX MIMO.

Simultaneous Transmitting:

Simultaneous MPE:

2.4GHz MPE + 5GHz (QCA9984 (EW-7955MN)) MPE + 5GHz QCA9990 (EW-7944MAC) MPE

= 0.088 + 0.308 + 0.361 = 0.757 mw/cm^2