A Test Lab Techno Corp.

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MPE Report

Test Report No.	：	1803RS11-01
Applicant	：	Datto Canada Enterprises, Inc.
Product Type	：	WiFi Access Point
Trade Name	：	Open Mesh, Inc. Datto, Inc.
Model Number	：	A62, AP62
Date of Received	：	Oct. 17, 2017
Test Period	：	Jan. 15 ~ Jan. 17, 2018
Date of Issued	：	Apr. 16, 2018
Test Specification	：	ANSI / IEEE Std.C95.1-1992 / IEEE Std. 1528-2013 CANADA RSS-102 Issue 5 March 2015 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 ： Yung-Tan Tsai (Yung Tan Tsai)　　Tested By ： Eric Chao (Eric Chao)

Contents

1. Description of Equipment under Test (EUT)

Applicant	Datto Canada Enterprises, Inc. 5900 Finch Ave. E Toronto, ON M1B 5X7				
Manufacturer	Datto, Inc. 101 Merritt 7 Norwalk, CT 06851, United States				
Product Type	WiFi Access Point				
Trade Name	Open Mesh, Inc. Datto, Inc.				
Model Number	A62, AP62				
Trade Name / Model Number Different Description	Those trade names & model numbers differ from each other in selling region. (A62 for Open Mesh apply, AP62 for Datto apply)				
IC	23500-DNWAP62				
Hardware Version	v1.10				
Software Version	v6.4.6				
Frequency Range	Operate Band			Frequency Range (MHz)	
	IEEE 802.11b / 802.11g IEEE 802.11n 2.4GHz 20MHz (256QAM)			2412 - 2462	
	IEEE 802.11n 2.4GHz 40 MHz (256QAM)			2422 - 2452	
	IEEE 802.11a U-NII Band I			5180 - 5240	
	IEEE 802.11a U-NII Band III			5745 - 5825	
	IEEE 802.1ac / 802.11n 5GHz 20MHz U-NII Band I			5180 - 5240	
	IEEE 802.1ac / 802.11n 5GHz 20MHz U-NII Band III			5745 - 5825	
	IEEE 802.1ac / 802.11n 5GHz 40MHz U-NII Band I			5190 - 5230	
	IEEE 802.1ac / 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	
Antenna Information	ANT	Model	Type	Max. Gain (dBi)	
	ANT-0	6525A0041300	PIFA Antenna	U-NII Band I	3.60
	ANT-1	6525A0041300	PIFA Antenna	U-NII Band I	4.40
	ANT-0	6525A0042300	PIFA Antenna	2.4GHz	4.10
				U-NII Band III	4.20
	ANT-1	6525A0042300	PIFA Antenna	2.4GHz	2.90
				U-NII Band III	4.10
	Directional Gain			2.4GHz	6.53
				U-NII Band I	7.02
				U-NII Band III	7.16
Antenna Delivery	2TX (MIMO/Beamforming on)				
RF Evaluation	7.02 W/m^2				
Temperature Range	0 ~ +50°C				

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 / CANADA RSS-102 Issue 5. 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 MPE limits.

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 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.

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. Applicable Standard

(A) Limits for General Population / Uncontrolled Exposure

Frequency Range (MHz)	Electric Field (V/m rms)	Magnetic Field (A/m rms)	Power Density (W/m2)	Reference Period (minutes)
0.003-10[21]	83	90	-	Instantaneous*
0.1-10	-	0.73/ f	-	6**
1.1-10	87/ $f^{0.5}$	-	-	6**
10-20	27.46	0.0728	2	6
20-48	58.07/ $f^{0.25}$	0.1540/ $f^{0.25}$	8.944/ $f^{0.5}$	6
48-300	22.06	0.05852	1.291	6
300-6000	3.142 $f^{0.3417}$	0.008335 $f^{0.3417}$	0.02619$f^{0.6834}$	6
6000-15000	61.4	0.163	10	6
15000-150000	61.4	0.163	10	616000/ $f^{1.2}$
150000-300000	0.158 $f^{0.5}$	4.21 x 10^{-4} $f^{0.5}$	6.67 x 10^{-5} f	616000/ $f^{1.2}$
Note: f is frequency in MHz. *Based on nerve stimulation (NS). ** Based on specific absorption rate (SAR).				

(B) Limits for Occupational / Controlled Exposure

Frequency Range (MHz)	Electric Field (V/m rms)	Magnetic Field (A/m rms)	Power Density (W/m2)	Reference Period (minutes)
0.003-10[23]	170	180	-	Instantaneous*
0.1-10	-	1.6/ f	-	6**
1.29-10	193/ $f^{0.5}$	-	-	6**
10-20	61.4	0.163	10	6
20-48	129.8/ $f^{0.25}$	0.3444/ $f^{0.25}$	44.72/ $f^{0.5}$	6
48-100	49.33	0.1309	6.455	6
100-6000	15.60 $f^{0.25}$	0.04138 $f^{0.25}$	0.6455$f^{0.5}$	6
6000-15000	137	0.364	50	6
15000-150000	137	0.364	50	616000/ $f^{1.2}$
150000-300000	0.354 $f^{0.5}$	9.40 x 10^{-4} $f^{0.5}$	3.33 x 10^{-4} f	616000/ $f^{1.2}$
Note: f is frequency in MHz. *Based on nerve stimulation (NS). ** Based on specific absorption rate (SAR).				

4. RF Output Power

The conducted power turn-up tolerance reference manufacturer specification.

Band	Date Rate (Mbps)	Frequency (MHz)	Average Conducted power (dBm)		
			ANT-0	ANT-1	ANT-0+1
IEEE 802.11b	1	2412.0	24.02	23.62	26.83
		2437.0	24.10	24.21	27.17
		2462.0	23.22	23.44	26.34
	2	2437.0	24.05	24.14	27.11
	5.5	2437.0	24.08	24.13	27.12
	11	2437.0	23.98	24.10	27.05
IEEE 802.11g	6	2412.0	19.03	18.79	21.92
		2437.0	24.08	23.60	26.86
		2462.0	19.14	19.29	22.23
	9	2437.0	24.00	23.56	26.80
	12	2437.0	23.98	23.54	26.78
	18	2437.0	23.85	23.50	26.69
	24	2437.0	23.91	23.42	26.68
	36	2437.0	23.86	23.48	26.68
	48	2437.0	23.80	23.40	26.61
	54	2437.0	23.82	23.39	26.62
IEEE 802.11n 2.4GHz 20MHz	13	2412.0	18.99	18.77	21.89
		2437.0	24.05	23.65	26.86
		2462.0	18.27	18.44	21.37
	28.8	2437.0	24.04	23.62	26.85
	43.4	2437.0	24.00	23.63	26.83
	57.8	2437.0	23.93	23.55	26.75
	86.6	2437.0	23.91	23.51	26.72
	115.6	2437.0	23.97	23.54	26.77
	130	2437.0	23.90	23.48	26.71
	144.4	2437.0	23.84	23.46	26.66
	173.4	2437.0	23.81	23.39	26.62
IEEE 802.11n 2.4GHz 40MHz	27	2422.0	17.09	16.70	19.91
		2437.0	19.41	19.57	22.50
		2452.0	16.64	16.86	19.76
	60	2437.0	19.36	19.56	22.47
	90	2437.0	19.33	19.50	22.43
	120	2437.0	19.28	19.47	22.39
	180	2437.0	19.30	19.42	22.37
	240	2437.0	19.21	19.45	22.34
	270	2437.0	19.19	19.40	22.31
	300	2437.0	19.24	19.32	22.29
	360	2437.0	19.15	19.35	22.26
	400	2437.0	19.13	19.33	22.24

Note: The relevant measured result has the offset with cable loss already.

Band	Date Rate (Mbps)	Frequency (MHz)	Average Conducted power (dBm)		
			ANT-0	ANT-1	ANT-0+1
IEEE 802.11a	6	5180.0	9.91	10.06	13.00
		5200.0	9.94	10.23	13.10
		5220.0	10.62	10.53	13.59
		5240.0	10.16	10.27	13.23
		5745.0	19.74	19.99	22.88
		5765.0	19.61	20.00	22.82
		5785.0	19.60	20.06	22.85
		5805.0	19.62	20.03	22.84
		5825.0	19.77	19.90	22.85
	54	5180.0	9.58	9.82	12.71
		5200.0	9.65	9.97	12.82
		5220.0	10.38	10.30	13.35
		5240.0	9.93	10.00	12.98
		5745.0	19.53	19.62	22.59
		5765.0	19.43	19.75	22.60
		5785.0	19.35	19.81	22.60
		5805.0	19.36	19.74	22.56
		5825.0	19.50	19.62	22.57
IEEE 802.11ac 20MHz	13	5180.0	10.43	10.58	13.52
		5200.0	10.49	10.66	13.59
		5220.0	10.95	10.97	13.97
		5240.0	10.67	10.37	13.53
		5745.0	18.87	19.85	22.40
		5765.0	18.68	19.80	22.29
		5785.0	19.50	19.90	22.71
		5805.0	19.55	19.88	22.73
		5825.0	19.50	19.78	22.65
	173.4	5180.0	10.16	10.26	13.22
		5200.0	10.22	10.41	13.33
		5220.0	10.72	10.68	13.71
		5240.0	10.47	10.12	13.31
		5745.0	18.56	19.63	22.14
		5765.0	18.50	19.58	22.08
		5785.0	19.16	19.64	22.42
		5805.0	19.29	19.60	22.46
		5825.0	19.28	19.57	22.44

Note: The relevant measured result has the offset with cable loss already.

Band	Date Rate (Mbps)	Frequency (MHz)	Average Conducted power (dBm)		
			ANT-0	ANT-1	ANT-0+1
IEEE 802.11ac 40MHz	27	5190.0	12.98	12.69	15.85
		5230.0	12.75	12.39	15.58
		5755.0	19.90	20.28	23.10
		5795.0	20.01	20.30	23.17
	400	5190.0	12.68	12.45	15.58
		5230.0	12.51	12.12	15.33
		5755.0	19.69	20.00	22.86
		5795.0	19.83	19.99	22.92
IEEE 802.11ac 80MHz	58.6	5210.0	12.95	12.71	15.84
		5775.0	19.63	19.87	22.76
	866.6	5210.0	12.68	12.53	15.62
		5775.0	19.41	19.60	22.52

Note: The relevant measured result has the offset with cable loss already.

Beamforming on

Band	Date Rate (Mbps)	Frequency (MHz)	Average Conducted power (dBm)		
			ANT-0	ANT-1	ANT-0+1
IEEE 802.11b	1	2412.0	20.58	20.15	23.38
		2437.0	20.75	20.76	23.77
		2462.0	19.86	19.94	22.91
	2	2437.0	20.72	20.74	23.74
	5.5	2437.0	20.70	20.72	23.72
	11	2437.0	20.65	20.67	23.67
IEEE 802.11g	6	2412.0	15.84	15.48	18.67
		2437.0	20.61	20.50	23.57
		2462.0	15.89	16.16	19.04
	9	2437.0	20.58	20.47	23.54
	12	2437.0	20.52	20.42	23.48
	18	2437.0	20.43	20.40	23.43
	24	2437.0	20.44	20.34	23.40
	36	2437.0	20.40	20.28	23.35
	48	2437.0	20.35	20.23	23.30
	54	2437.0	20.33	20.30	23.33
IEEE 802.11n 2.4GHz 20MHz	13	2412.0	15.67	15.38	18.54
		2437.0	20.52	20.51	23.53
		2462.0	14.88	15.18	18.04
	28.8	2437.0	20.50	20.48	23.50
	43.4	2437.0	20.48	20.42	23.46
	57.8	2437.0	20.42	20.33	23.39
	86.6	2437.0	20.34	20.38	23.37
	115.6	2437.0	20.36	20.30	23.34
	130	2437.0	20.38	20.28	23.34
	144.4	2437.0	20.28	20.21	23.26
	173.4	2437.0	20.22	20.18	23.21
IEEE 802.11n 2.4GHz 40MHz	27	2422.0	13.88	13.64	16.77
		2437.0	16.03	16.20	19.13
		2452.0	13.48	13.82	16.66
	60	2437.0	16.00	16.18	19.10
	90	2437.0	15.99	16.11	19.06
	120	2437.0	15.93	16.07	19.01
	180	2437.0	15.81	15.90	18.87
	240	2437.0	15.89	16.03	18.97
	270	2437.0	15.83	15.98	18.92
	300	2437.0	15.78	15.90	18.85
	360	2437.0	15.73	15.83	18.79
	400	2437.0	15.67	15.77	18.73

Note: The relevant measured result has the offset with cable loss already.

Band	Date Rate (Mbps)	Frequency (MHz)	Average Conducted power (dBm)		
			ANT-0	ANT-1	ANT-0+1
IEEE 802.11a	6	5180.0	6.72	6.58	9.66
		5200.0	6.94	6.62	9.79
		5220.0	7.65	7.39	10.53
		5240.0	7.26	7.06	10.17
		5745.0	16.46	16.60	19.54
		5765.0	16.35	16.62	19.50
		5785.0	16.42	16.66	19.55
		5805.0	16.49	16.67	19.59
		5825.0	16.52	16.88	19.71
	54	5180.0	6.48	6.32	9.41
		5200.0	6.68	6.39	9.55
		5220.0	7.45	7.12	10.30
		5240.0	7.00	6.87	9.95
		5745.0	16.25	16.33	19.30
		5765.0	16.12	16.36	19.25
		5785.0	16.21	16.33	19.28
		5805.0	16.21	16.41	19.32
		5825.0	16.32	16.67	19.51
IEEE 802.11ac 20MHz	13	5180.0	7.11	6.99	10.06
		5200.0	7.24	7.07	10.17
		5220.0	7.62	7.27	10.46
		5240.0	7.53	7.46	10.51
		5745.0	15.96	16.03	19.01
		5765.0	15.83	16.02	18.94
		5785.0	16.32	16.62	19.48
		5805.0	16.30	16.65	19.49
		5825.0	16.32	16.76	19.56
	173.4	5180.0	6.88	6.72	9.81
		5200.0	7.00	6.83	9.93
		5220.0	7.39	7.01	10.21
		5240.0	7.30	7.21	10.27
		5745.0	15.67	15.71	18.70
		5765.0	15.55	15.68	18.63
		5785.0	15.99	16.37	19.19
		5805.0	16.08	16.43	19.27
		5825.0	16.12	16.53	19.34

Note: The relevant measured result has the offset with cable loss already.

Band	Date Rate (Mbps)	Frequency (MHz)	Average Conducted power (dBm)		
			ANT-0	ANT-1	ANT-0+1
IEEE 802.11ac 40MHz	27	5190.0	9.69	9.81	12.76
		5230.0	9.37	9.44	12.42
		5755.0	16.46	16.70	19.59
		5795.0	16.58	16.75	19.68
	400	5190.0	9.48	9.55	12.53
		5230.0	9.11	9.16	12.15
		5755.0	16.21	16.48	19.36
		5795.0	16.32	16.45	19.40
IEEE 802.11ac 80MHz	58.6	5210.0	9.68	9.72	12.71
		5775.0	16.21	16.38	19.31
	866.6	5210.0	9.37	9.50	12.45
		5775.0	15.98	16.12	19.06

Note: The relevant measured result has the offset with cable loss already.

5. Test Result

WLAN Antenna_MIMO										
Band	Data Rate (Mbps)	Frequency (MHz)	Limit (w)/m^2	Distance (m) [R]	Max tune-up Power (upper limit) [P] (dBm)	ANT Gain (dBi)	Numeric Gain [G]	Duty Cycle	Power with Duty cycle [TP] (W)	Power Density [S] (w)/m^2
IEEE 802.11b	1	2412.0	5.366	0.2	27.30	6.53	4.5	1	2.417	4.808
		2437.0	5.404	0.2	27.30	6.53	4.5	1	2.417	4.808
		2462.0	5.442	0.2	27.30	6.53	4.5	1	2.417	4.808
IEEE 802.11g	6	2412.0	5.366	0.2	22.00	6.53	4.5	1	0.713	1.418
		2437.0	5.404	0.2	27.00	6.53	4.5	1	2.255	4.486
		2462.0	5.442	0.2	22.30	6.53	4.5	1	0.764	1.520
IEEE 802.11n 2.4G 20MHz	13	2412.0	5.366	0.2	22.00	6.53	4.5	1	0.713	1.418
		2437.0	5.404	0.2	27.00	6.53	4.5	1	2.255	4.486
		2462.0	5.442	0.2	21.50	6.53	4.5	1	0.636	1.265
IEEE 802.11n 2.4G 40MHz	27	2422.0	5.381	0.2	20.00	6.53	4.5	1	0.45	0.895
		2437.0	5.404	0.2	22.60	6.53	4.5	1	0.819	1.629
		2452.0	5.427	0.2	19.90	6.53	4.5	1	0.44	0.875
IEEE 802.11a	6	5180.0	9.047	0.2	13.70	7.02	5.04	1	0.118	0.235
		5200.0	9.071	0.2	13.70	7.02	5.04	1	0.118	0.235
		5220.0	9.095	0.2	13.70	7.02	5.04	1	0.118	0.235
		5240.0	9.119	0.2	13.70	7.02	5.04	1	0.118	0.235
		5745.0	9.71	0.2	23.00	7.16	5.2	1	1.038	2.065
		5765.0	9.733	0.2	23.00	7.16	5.2	1	1.038	2.065
		5785.0	9.756	0.2	23.00	7.16	5.2	1	1.038	2.065
		5805.0	9.78	0.2	23.00	7.16	5.2	1	1.038	2.065
		5825.0	9.803	0.2	23.00	7.16	5.2	1	1.038	2.065
IEEE 802.11ac 20MHz	13	5180.0	9.047	0.2	14.10	7.02	5.04	1	0.13	0.259
		5200.0	9.071	0.2	14.10	7.02	5.04	1	0.13	0.259
		5220.0	9.095	0.2	14.10	7.02	5.04	1	0.13	0.259
		5240.0	9.119	0.2	14.10	7.02	5.04	1	0.13	0.259
		5745.0	9.71	0.2	22.80	7.16	5.2	1	0.991	1.972
		5765.0	9.733	0.2	22.80	7.16	5.2	1	0.991	1.972
		5785.0	9.756	0.2	22.80	7.16	5.2	1	0.991	1.972
		5805.0	9.78	0.2	22.80	7.16	5.2	1	0.991	1.972
		5825.0	9.803	0.2	22.80	7.16	5.2	1	0.991	1.972
IEEE 802.11ac 40MHz	27	5190.0	9.059	0.2	16.00	7.02	5.04	1	0.201	0.400
		5230.0	9.107	0.2	16.00	7.02	5.04	1	0.201	0.400
		5755.0	9.722	0.2	23.30	7.16	5.2	1	1.112	2.212
		5795.0	9.768	0.2	23.30	7.16	5.2	1	1.112	2.212
IEEE 802.11ac 80MHz	58.6	5210.0	9.083	0.2	15.90	7.02	5.04	1	0.196	0.390
		5775.0	9.745	0.2	22.90	7.16	5.2	1	1.014	2.017

WLAN Antenna_MIMO_Beamforming on										
Band	Data Rate (Mbps)	Frequency (MHz)	Limit (w)/m^2	Distance (m) [R]	max tune-up Power (upper limit) [P] (dBm)	ANT Gain (dBi)	Numeric Gain [G]	Duty Cycle	Power with Duty cycle [TP] (W)	Power Density [S] (w)/m^2
IEEE 802.11b	1	2412.0	5.366	0.2	23.90	6.53	4.5	1	1.105	2.198
		2437.0	5.404	0.2	23.90	6.53	4.5	1	1.105	2.198
		2462.0	5.442	0.2	23.90	6.53	4.5	1	1.105	2.198
IEEE 802.11g	6	2412.0	5.366	0.2	18.80	6.53	4.5	1	0.341	0.678
		2437.0	5.404	0.2	23.70	6.53	4.5	1	1.055	2.099
		2462.0	5.442	0.2	19.10	6.53	4.5	1	0.366	0.728
IEEE 802.11n 2.4G 20MHz	13	2412.0	5.366	0.2	18.60	6.53	4.5	1	0.326	0.649
		2437.0	5.404	0.2	23.60	6.53	4.5	1	1.031	2.051
		2462.0	5.442	0.2	18.10	6.53	4.5	1	0.291	0.579
IEEE 802.11n 2.4G 40MHz	27	2422.0	5.381	0.2	16.90	6.53	4.5	1	0.22	0.438
		2437.0	5.404	0.2	19.20	6.53	4.5	1	0.374	0.744
		2452.0	5.427	0.2	16.80	6.53	4.5	1	0.215	0.428
IEEE 802.11a	6	5180.0	9.047	0.2	10.60	7.02	5.04	1	0.058	0.115
		5200.0	9.071	0.2	10.60	7.02	5.04	1	0.058	0.115
		5220.0	9.095	0.2	10.60	7.02	5.04	1	0.058	0.115
		5240.0	9.119	0.2	10.60	7.02	5.04	1	0.058	0.115
		5745.0	9.71	0.2	19.80	7.16	5.2	1	0.497	0.989
		5765.0	9.733	0.2	19.80	7.16	5.2	1	0.497	0.989
		5785.0	9.756	0.2	19.80	7.16	5.2	1	0.497	0.989
		5805.0	9.78	0.2	19.80	7.16	5.2	1	0.497	0.989
		5825.0	9.803	0.2	19.80	7.16	5.2	1	0.497	0.989
IEEE 802.11ac 20MHz	13	5180.0	9.047	0.2	10.60	7.02	5.04	1	0.058	0.115
		5200.0	9.071	0.2	10.60	7.02	5.04	1	0.058	0.115
		5220.0	9.095	0.2	10.60	7.02	5.04	1	0.058	0.115
		5240.0	9.119	0.2	10.60	7.02	5.04	1	0.058	0.115
		5745.0	9.71	0.2	19.70	7.16	5.2	1	0.485	0.965
		5765.0	9.733	0.2	19.70	7.16	5.2	1	0.485	0.965
		5785.0	9.756	0.2	19.70	7.16	5.2	1	0.485	0.965
		5805.0	9.78	0.2	19.70	7.16	5.2	1	0.485	0.965
		5825.0	9.803	0.2	19.70	7.16	5.2	1	0.485	0.965
IEEE 802.11ac 40MHz	27	5190.0	9.059	0.2	12.90	7.02	5.04	1	0.098	0.195
		5230.0	9.107	0.2	12.90	7.02	5.04	1	0.098	0.195
		5755.0	9.722	0.2	19.80	7.16	5.2	1	0.497	0.989
		5795.0	9.768	0.2	19.80	7.16	5.2	1	0.497	0.989
IEEE 802.11ac 80MHz	58.6	5210.0	9.083	0.2	12.80	7.02	5.04	1	0.096	0.191
		5775.0	9.745	0.2	19.40	7.16	5.2	1	0.453	0.901

Note:

1. Mobile or fixed location transmitters, minimum separation distance is 0.2m, 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 b/g/n/a/ac mode is 2TX MIMO .
6. We used the maximum antenna gain to provide MPE results.

Simultaneous Transmitting：

Total MPE = 2.4GHz MPE + 5GHz MPE = 4.808 + 2.212 = 7.02 (W)/m^2 < 9.768 (W)/m^2