



RADIO EXPOSURE TEST REPORT

FCC ID : QXO-AP5060
Equipment : Access Point
Brand Name : Extreme Networks
Model Name : AP5060U
Applicant : Extreme Networks, Inc.
2121 RDU Center Drive Morrisville North Carolina United States 27560
Manufacturer : Extreme Networks, Inc.
2121 RDU Center Drive Morrisville North Carolina United States 27560
Standard : 47 CFR Part 2.1091

The product was received on Jul. 10, 2025, and testing was started from Jul. 29, 2025 and completed on Feb. 02, 2026. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in 47 CFR Part 2.1091 and shown compliance with the applicable technical standards.

The test results in this variant report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

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Photographs of EUT v01



History of this test report

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A1_1 Ver1.1

Page Number : 3 of 19
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Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
2	-	Exposure evaluation	PASS	-

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Sam Chen

Report Producer: Vicky Huang



1 General Description

1.1 EUT General Information

RF General Information			
Evaluation Mode	Frequency Range (MHz)	Operating Frequency (MHz)	Modulation Type
2.4GHz WLAN	2400-2483.5	2412-2462	802.11b: DSSS (DBPSK, DQPSK, CCK) 802.11g/n: OFDM (BPSK, QPSK, 16QAM, 64QAM) VHT: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM) 802.11ax: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM) 802.11be: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM)
5GHz WLAN	5150-5250 5250-5350 5470-5725 5725-5850	5180-5250 5250-5320 5500-5720 5745-5825	802.11a/n: OFDM (BPSK, QPSK, 16QAM, 64QAM) 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM) 802.11ax: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM) 802.11be: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM)
6GHz WLAN	5925-6425 6525-6875	5955-6415 6535-6855	802.11ax: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM) 802.11be: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM)
Bluetooth	2400-2483.5	2402-2480	LE: GFSK
IEEE802.15.4	2400-2483.5	2405-2480	O-QPSK



1.2 Antenna Information

Ant.	Port						Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	WLAN 2.4GHz (Radio 1), 5GHz (Radio 2)	WLAN 5GHz, 6GHz (Radio 1)	WLAN 6GHz (Radio 3)	WLAN 2.4GHz, 5GHz, 6GHz (Scanning Radio 4)	Bluetooth / IEEE802.15.4 (Radio 5)	GPS (Radio 6)					
1	-	1	-	-	-	-	WNC	95XPAM15.G05	Metal PIFA	I-PEX	Note 1
2	-	2	-	-	-	-	WNC	95XPAM15.G06	Metal PIFA	I-PEX	
3	-	3	-	-	-	-	WNC	95XPAM15.G07	Metal PIFA	I-PEX	
4	-	4	-	-	-	-	WNC	95XPAM15.G08	Metal PIFA	I-PEX	
5	1	-	-	-	-	-	WNC	95XPAM15.G01	Metal PIFA	I-PEX	
6	2	-	-	-	-	-	WNC	95XPAM15.G02	Metal PIFA	I-PEX	
7	3	-	-	-	-	-	WNC	95XPAM15.G03	Metal PIFA	I-PEX	
8	4	-	-	-	-	-	WNC	95XPAM15.G04	Metal PIFA	I-PEX	
9	-	-	1	-	-	-	WNC	95XPAM15.G09	Metal PIFA	I-PEX	
10	-	-	2	-	-	-	WNC	95XPAM15.G10	Metal PIFA	I-PEX	
11	-	-	3	-	-	-	WNC	95XPAM15.G11	Metal PIFA	I-PEX	
12	-	-	4	-	-	-	WNC	95XPAM15.G12	Metal PIFA	I-PEX	
13	-	-	-	1	-	-	WNC	95XPAM15.G13	Metal PIFA	I-PEX	
14	-	-	-	2	-	-	WNC	95XPAM15.G14	Metal PIFA	I-PEX	
15	-	-	-	-	2	-	WNC	95XPAM15.G15	Metal PIFA	I-PEX	
16	-	-	-	-	1	-	WNC	95XPAM15.G16	Metal PIFA	I-PEX	
17	-	-	-	-	3	-	WNC	95XPAM15.G17	Metal PIFA	I-PEX	
18	-	-	-	-	-	1	WNC	95XPAM15.G18	Metal PIFA	I-PEX	



Note 1:

Ant.	Antenna Gain (dBi)																												Bluetooth / IEEE 802.15.4 (Radio 5)	GPS (Radio 6)
	WLAN 2.4GHz (Radio 1), 5GHz (Radio 2)					WLAN 5GHz, 6GHz (Radio 1)								WLAN 6GHz (Radio 3)				WLAN 2.4GHz, 5GHz, 6GHz (Scanning Radio 4)												
	2.4G	UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 5	UNII 6	UNII 7	UNII 8	UNII 5	UNII 6	UNII 7	UNII 8	2.4G	UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 5	UNII 6	UNII 7	UNII 8				
1	-	-	-	-	-	4.98	5.38	5.24	5.34	5.62	5.65	5.05	5.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	-	-	-	-	-	3.38	3.71	4.44	4.08	5.32	5.2	5.96	5.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	-	-	-	-	-	3.4	3.73	3.35	2.94	4.28	3.61	2.87	3.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
4	-	-	-	-	-	2.82	2.95	2.99	2.45	2.95	4.53	3.53	3.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5	-0.33	5.57	6.81	6.26	5.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
6	-1.82	3.66	5.09	6.65	5.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
7	2.07	3.91	5.22	4.97	5.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
8	-1.25	3.91	4.88	6.07	4.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9	-	-	-	-	-	-	-	-	-	-	-	-	-	6.62	5.94	5.72	5.88	-	-	-	-	-	-	-	-	-	-	-		
10	-	-	-	-	-	-	-	-	-	-	-	-	-	6.09	5.61	5.72	6.67	-	-	-	-	-	-	-	-	-	-	-		
11	-	-	-	-	-	-	-	-	-	-	-	-	-	2.84	4.27	3.01	3.95	-	-	-	-	-	-	-	-	-	-	-		
12	-	-	-	-	-	-	-	-	-	-	-	-	-	3.44	3.21	3.15	3.32	-	-	-	-	-	-	-	-	-	-	-		
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.74	3.9	5.88	4.78	3.92	3.47	5.58	5.92	6.85	-	-		
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.91	4.85	6.64	6.99	6.33	5.35	4.32	5.01	6.5	-	-		
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.4	-		
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.5	-		
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-		
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4		



Ant.	Directional Gain (dBi)															
	WLAN 5GHz, 6GHz (Radio 1)															
	5GHz UNII 1		5GHz UNII 2A		5GHz UNII 2C		5GHz UNII 3		6GHz UNII 5		6GHz UNII 6		6GHz UNII 7		6GHz UNII 8	
	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S
1~2	6.59	4.98	7.05	5.38	7.22	5.24	6.97	5.34	7.6	5.62	6.62	5.65	7.21	5.96	7.6	5.34

Ant.	Directional Gain (dBi)																							
	WLAN 5GHz, 6GHz (Radio 1)																							
	5GHz UNII 1			5GHz UNII 2A			5GHz UNII 2C			5GHz UNII 3			6GHz UNII 5			6GHz UNII 6			6GHz UNII 7			6GHz UNII 8		
	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S
1~4	5.9	4.98	4.98	5.87	5.38	5.38	6.24	5.24	5.24	5.54	5.34	5.34	5.75	5.62	5.62	5.65	5.65	5.65	5.96	5.96	5.96	5.34	5.34	5.34

Ant.	Directional Gain (dBi)									
	WLAN 2.4GHz (Radio 1), 5GHz (Radio 2)									
	2.4GHz		5GHz UNII 1		5GHz UNII 2A		5GHz UNII 2C		5GHz UNII 3	
	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S
5~6	0.83	-0.33	7.42	5.57	8.02	6.81	7.47	6.65	6.42	5.54

Ant.	Directional Gain (dBi)														
	WLAN 2.4GHz (Radio 1), 5GHz (Radio 2)														
	2.4GHz			5GHz UNII 1			5GHz UNII 2A			5GHz UNII 2C			5GHz UNII 3		
	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S
5~8	4.19	2.07	2.07	8.18	5.57	5.57	8.85	6.81	6.81	9.45	6.65	6.65	8.93	5.93	5.61

Ant.	Directional Gain (dBi)							
	WLAN 6GHz (Radio 3)							
	6GHz UNII 5		6GHz UNII 6		6GHz UNII 7		6GHz UNII 8	
	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S
9~10	8.63	6.62	6.77	5.94	7.1	5.72	7.07	6.67

Ant.	Directional Gain (dBi)											
	WLAN 6GHz (Radio 3)											
	6GHz UNII 5			6GHz UNII 6			6GHz UNII 7			6GHz UNII 8		
	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S
9~12	7.33	6.62	6.62	5.94	5.94	5.94	5.72	5.72	5.72	6.67	6.67	6.67

Ant.	Directional Gain (dBi)																	
	WLAN 2.4GHz, 5GHz, 6GHz (Scanning Radio 4)																	
	2.4GHz		5GHz UNII 1		5GHz UNII 2A		5GHz UNII 2C		5GHz UNII 3		6GHz UNII 5		6GHz UNII 6		6GHz UNII 7		6GHz UNII 8	
	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S
13~14	5.23	2.91	6.17	4.85	7.91	6.64	8.96	6.99	8.08	6.33	5.92	5.35	7.24	5.58	7.24	5.92	8.57	6.85

Note 2: The EUT has eighteen antennas.

Note 3: Radio 1_5GHz, 6GHz, Radio 1_2.4GHz, Radio 2_5GHz, Radio 3_6GHz and Scan Radio 4_2.4GHz, 5GHz, 6GHz Maximum Directional Gain following KDB662911 D03.

Note 4: Only the highest gain antenna was selected to test and record in this report. Thus, Ant. 16 was selected to perform the test for Radio 5_Bluetooth / IEEE802.15.4.

Note 5: The 6GHz UNII 6, 8 are not enabled for Radio 1, 3, and Scanning Radio 4 at this time.

Note 6: The above information (Radio 5_Bluetooth / IEEE802.15.4 and Radio 6_GPS) was declared by manufacturer.

**EUT operation mode:****For Radio 1****For 2.4GHz:****For IEEE 802.11b/g/n/VHT/ax/be mode (1TX, 2TX, 4TX/4RX):****1TX**

Only Port 1 can be use as transmitting antenna.

2TX

Port 1, Port 2 can be use as transmitting antenna.

Port 1, Port 2 could transmitting simultaneously.

4TX

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit simultaneously.

4RX

Port 1, Port 2, Port 3, Port 4 can be used as receiving antennas.

Port 1, Port 2, Port 3, Port 4 could receive simultaneously.

For 5GHz:**For IEEE 802.11a/n/ac/ax/be mode (1TX, 2TX, 4TX/4RX):****1TX**

Only Port 1 can be use as transmitting antenna.

2TX

Port 1, Port 2 can be use as transmitting antenna.

Port 1, Port 2 could transmitting simultaneously.

4TX

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit simultaneously.

4RX

Port 1, Port 2, Port 3, Port 4 can be used as receiving antennas.

Port 1, Port 2, Port 3, Port 4 could receive simultaneously.

For 6GHz:**For IEEE 802.11ax/be mode (1TX, 2TX, 4TX/4RX):****1TX**

Only Port 1 can be use as transmitting antenna.

2TX

Port 1, Port 2 can be use as transmitting antenna.

Port 1, Port 2 could transmitting simultaneously.

4TX

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit simultaneously.

4RX

Port 1, Port 2, Port 3, Port 4 can be used as receiving antennas.

Port 1, Port 2, Port 3, Port 4 could receive simultaneously.

For Radio 2**For 5GHz:****For IEEE 802.11a/n/ac/ax/be mode (1TX, 2TX, 4TX/4RX):****1TX**

Only Port 1 can be use as transmitting antenna.

2TX

Port 1, Port 2 can be use as transmitting antenna.

Port 1, Port 2 could transmitting simultaneously.

4TX

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit simultaneously.

4RX

Port 1, Port 2, Port 3, Port 4 can be used as receiving antennas.

Port 1, Port 2, Port 3, Port 4 could receive simultaneously.

**For Radio 3****For 6GHz:****For IEEE 802.11ax/be mode (1TX, 2TX, 4TX/4RX):****1TX**

Only Port 1 can be use as transmitting antenna.

2TX

Port 1, Port 2 can be use as transmitting antenna.

Port 1, Port 2 could transmitting simultaneously.

4TX

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit simultaneously.

4RX

Port 1, Port 2, Port 3, Port 4 can be used as receiving antennas.

Port 1, Port 2, Port 3, Port 4 could receive simultaneously.

For Scanning Radio 4**For 2.4GHz:****For IEEE 802.11b/g/n/VHT/ax/be mode (2TX/2RX):**

Port 1, Port 2 can be used as transmitting/receiving antenna.

Port 1, Port 2 could transmit/receive simultaneously.

For 5GHz:**For IEEE 802.11a/n/ac/ax/be mode (2TX/2RX):**

Port 1, Port 2 can be used as transmitting/receiving antenna.

Port 1, Port 2 could transmit/receive simultaneously.

For 6GHz:**For IEEE 802.11ax/be mode (2TX/2RX):**

Port 1, Port 2 can be used as transmitting/receiving antenna.

Port 1, Port 2 could transmit/receive simultaneously.

For Radio 5**Bluetooth / IEEE802.15.4 (1TX/1RX):**

The EUT supports the antenna with TX and RX diversity functions.

Port 1, Port 2, Port 3 support transmit and receive functions, but only one of them will be used at one time.

For Radio 6**GPS (1RX):**

Only Port 1 can be used as receiving antenna.

1.3 Table for EUT Support Function

Function	Support Type
AP	Master
Bridge	Master
Mesh	Master

Note: The above information was declared by manufacturer.



1.4 Table for Radio Function

Radio (R)	WLAN 2.4GHz	5GHz	Scanning radio (WLAN 2.4GHz / 5GHz / 6GHz)	6GHz	Bluetooth / IEEE802.15.4	GPS
R1	V (AP, Bridge, Mesh)	V (AP for UNII 1~2A, Bridge, Mesh for UNII 1)	-	V (AP for 6GHz UNII 7)	-	-
R2	-	V (AP for UNII 1~3 or UNII 2C~3 / Bridge, Mesh for UNII 3)	-	-	-	-
R3	-	-	-	V (AP for 6GHz UNII 5, 7 or UNII 5)	-	-
R4	-	-	V (AP, for 2.4GHz, 5GHz UNII 1~3, 6GHz UNII 5, 7)	-	-	-
R5	-	-	-	-	V	-
R6	-	-	-	-	-	V

Note: The above information was declared by manufacturer.

1.5 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FA561916AB.
Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
1. Adding 5GHz UNII 2A and UNII 2C (5250~5350 MHz, 5470~5725 MHz). 2. Adding 160MHz for 5GHz.	RF Exposure
3. Adding the Multi_RU/Puncturing function for the device for 5GHz/6GHz.	After evaluating, it's no need to re-test.

Note: The MPE result of WLAN 2.4GHz, WLAN 5GHz UNII 1/UNII 3, WLAN 6GHz UNII 5/UNII 7, IEEE802.15.4 and Bluetooth Band were based on the original report.

1.6 Accessories

Accessories
Bracket*1
Sealing Collar*2



1.7 Testing Location

Testing Location Information	
Test Lab. : Sporton International Inc. Hsinchu Laboratory	
Hsinchu	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)
(TAF: 3787)	TEL: 886-3-656-9065 FAX: 886-3-656-9085
	Test site Designation No. TW3787 with FCC.
	Conformity Assessment Body Identifier (CABID) TW3787 with ISED.



2 Maximum Permissible Exposure

2.1 Limit of Maximum Permissible Exposure

(A) Limits for Occupational / Controlled Exposure

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/ cm ²)	Averaging Time E ² , H ² or S (minutes)
0.3-3.0	614	1.63	*(100)	<6
3.0-30	1842/f	4.89/f	*(900/f ²)	<6
30-300	61.4	0.163	1.0	<6
300-1500	-	-	f/300	<6
1500-100,000	-	-	5	<6

(B) Limits for General Population / Uncontrolled Exposure

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/ cm ²)	Averaging Time E ² , H ² or S (minutes)
0.3-1.34	614	1.63	*(100)	<30
1.34-30	824/f	2.19/f	*(180/f ²)	<30
30-300	27.5	0.073	0.2	<30
300-1500	-	-	f/1500	<30
1500-100,000	-	-	1.0	<30

Note: f = frequency in MHz ; *Plane-wave equivalent power density

2.2 MPE Calculation Method

The MPE was calculated at 40 cm to show compliance with the power density limit.

The following formula was used to calculate the Power Density:

$$E \text{ (V/m)} = \frac{\sqrt{30 \times P \times G}}{d} \quad \text{Power Density: } Pd \text{ (W/m}^2\text{)} = \frac{E^2}{377}$$

E = Electric field (V/m)

P = RF output power (W)

G = EUT Antenna numeric gain (numeric)

d = Separation distance between radiator and human body (m)

The formula can be changed to

$$Pd = \frac{30 \times P \times G}{377 \times d^2}$$



2.3 Calculated Result and Limit

Exposure Environment: General Population / Uncontrolled Exposure

For Radio 1:

Mode	DG (dBi)	Power (dBm)	EIRP (dBm)	Tolerance (dB)	Tune-up EIRP (dBm)	Tune-up EIRP (W)	Distance (cm)	S (mW/cm ²)	S Limit (mW/cm ²)	Ratio (S/Limit)
2.4G;D1D	4.19	27.85	32.04	0.50	32.54	1.79473	40	0.08926	1.00000	0.08926
5.2G;D1D	5.90	27.31	33.21	0.50	33.71	2.34963	40	0.11686	1.00000	0.11686
5.3G;D1D	5.87	23.77	29.64	0.33	29.97	0.99312	40	0.04939	1.00000	0.04939
6.7G;D1D	5.96	29.12	35.08	0.50	35.58	3.61410	40	0.17975	1.00000	0.17975

For Radio 2:

Mode	DG (dBi)	Power (dBm)	EIRP (dBm)	Tolerance (dB)	Tune-up EIRP (dBm)	Tune-up EIRP (W)	Distance (cm)	S (mW/cm ²)	S Limit (mW/cm ²)	Ratio (S/Limit)
5.2G;D1D	8.18	27.61	35.79	0.20	35.99	3.97192	40	0.19754	1.00000	0.19754
5.3G;D1D	8.85	21.11	29.96	0.01	29.97	0.99312	40	0.04939	1.00000	0.04939
5.6G;D1D	9.45	20.51	29.96	0.01	29.97	0.99312	40	0.04939	1.00000	0.04939
5.8G;D1D	8.93	27.03	35.96	0.03	35.99	3.97192	40	0.19754	1.00000	0.19754

For Radio 3:

Mode	DG (dBi)	Power (dBm)	EIRP (dBm)	Tolerance (dB)	Tune-up EIRP (dBm)	Tune-up EIRP (W)	Distance (cm)	S (mW/cm ²)	S Limit (mW/cm ²)	Ratio (S/Limit)
6.2G;D1D	7.33	28.65	35.98	0.01	35.99	3.97192	40	0.19754	1.00000	0.19754
6.7G;D1D	5.72	30.23	35.95	0.04	35.99	3.97192	40	0.19754	1.00000	0.19754

For Radio 4:

Mode	DG (dBi)	Power (dBm)	EIRP (dBm)	Tolerance (dB)	Tune-up EIRP (dBm)	Tune-up EIRP (W)	Distance (cm)	S (mW/cm ²)	S Limit (mW/cm ²)	Ratio (S/Limit)
2.4G;G1D	2.91	29.02	31.93	0.50	32.43	1.74985	40	0.08703	1.00000	0.08703
5.2G;D1D	4.85	26.80	31.65	0.50	32.15	1.64059	40	0.08159	1.00000	0.08159
5.3G;D1D	6.64	23.22	29.86	0.11	29.97	0.99312	40	0.04939	1.00000	0.04939
5.6G;D1D	6.99	22.92	29.91	0.06	29.97	0.99312	40	0.04939	1.00000	0.04939
5.8G;D1D	6.33	29.19	35.52	0.47	35.99	3.97192	40	0.19754	1.00000	0.19754
6.2G;D1D	5.35	30.01	35.36	0.50	35.86	3.85478	40	0.19172	1.00000	0.19172
6.7G;D1D	5.92	28.89	34.81	0.50	35.31	3.39625	40	0.16891	1.00000	0.16891

**For Radio 5:**

Mode	DG (dBi)	Power (dBm)	EIRP (dBm)	Tolerance (dB)	Tune-up EIRP (dBm)	Tune-up EIRP (W)	Distance (cm)	S (mW/cm ²)	S Limit (mW/cm ²)	Ratio (S/Limit)
2.4G;BT-LE	5.50	8.57	14.07	0.50	14.57	0.02864	40	0.00142	1.00000	0.00142
2.4G;G1D (IEEE802.15.4)	5.50	13.62	19.12	0.50	19.62	0.09162	40	0.00456	1.00000	0.00456

Simultaneous Transmission Analysis Mode:**Mode 1: R1 (2.4GHz)+R2 (5GHz UNII 1~3)+R3 (6GHz UNII 5, 7)+Scanning R4 (2.4GHz)+R5 (Bluetooth)**

Mode	DG (dBi)	Power (dBm)	EIRP (dBm)	Tolerance (dB)	Tune-up EIRP (dBm)	Tune-up EIRP (W)	Distance (cm)	S (mW/cm ²)	S Limit (mW/cm ²)	Ratio (S/Limit)
2.4G;D1D	4.19	27.85	32.04	0.50	32.54	1.79473	40	0.08926	1.00000	0.08926
5.8G;D1D	8.93	27.03	35.96	0.03	35.99	3.97192	40	0.19754	1.00000	0.19754
6.2G;D1D	7.33	28.65	35.98	0.01	35.99	3.97192	40	0.19754	1.00000	0.19754
2.4G;G1D	2.91	29.02	31.93	0.50	32.43	1.74985	40	0.08703	1.00000	0.08703
2.4G;BT-LE	5.50	8.57	14.07	0.50	14.57	0.02864	40	0.00142	1.00000	0.00142
									Sum Ratio	0.57279
									Ratio Limit	1

Mode 2: R1 (2.4GHz)+R2 (5GHz UNII 1~3)+R3 (6GHz UNII 5, 7)+Scanning R4 (2.4GHz)+R5 (IEEE 802.15.4)

Mode	DG (dBi)	Power (dBm)	EIRP (dBm)	Tolerance (dB)	Tune-up EIRP (dBm)	Tune-up EIRP (W)	Distance (cm)	S (mW/cm ²)	S Limit (mW/cm ²)	Ratio (S/Limit)
2.4G;D1D	4.19	27.85	32.04	0.50	32.54	1.79473	40	0.08926	1.00000	0.08926
5.8G;D1D	8.93	27.03	35.96	0.03	35.99	3.97192	40	0.19754	1.00000	0.19754
6.2G;D1D	7.33	28.65	35.98	0.01	35.99	3.97192	40	0.19754	1.00000	0.19754
2.4G;G1D	2.91	29.02	31.93	0.50	32.43	1.74985	40	0.08703	1.00000	0.08703
2.4G;G1D (IEEE802.15.4)	5.50	13.62	19.12	0.50	19.62	0.09162	40	0.00456	1.00000	0.00456
									Sum Ratio	0.57593
									Ratio Limit	1

**Mode 3: R1 (2.4GHz)+R2 (5GHz UNII 1~3)+R3 (6GHz UNII 5, 7)+Scanning R4 (5GHz)+R5 (Bluetooth)**

Mode	DG (dBi)	Power (dBm)	EIRP (dBm)	Tolerance (dB)	Tune-up EIRP (dBm)	Tune-up EIRP (W)	Distance (cm)	S (mW/cm ²)	S Limit (mW/cm ²)	Ratio (S/Limit)
2.4G;D1D	4.19	27.85	32.04	0.50	32.54	1.79473	40	0.08926	1.00000	0.08926
5.8G;D1D	8.93	27.03	35.96	0.03	35.99	3.97192	40	0.19754	1.00000	0.19754
6.2G;D1D	7.33	28.65	35.98	0.01	35.99	3.97192	40	0.19754	1.00000	0.19754
5.8G;D1D	6.33	29.19	35.52	0.47	35.99	3.97192	40	0.19754	1.00000	0.19754
2.4G;BT-LE	5.50	8.57	14.07	0.50	14.57	0.02864	40	0.00142	1.00000	0.00142
									Sum Ratio	0.68330
									Ratio Limit	1

Mode 4: R1 (2.4GHz)+R2 (5GHz UNII 1~3)+R3 (6GHz UNII 5, 7)+Scanning R4 (5GHz)+R5 (IEEE 802.15.4)

Mode	DG (dBi)	Power (dBm)	EIRP (dBm)	Tolerance (dB)	Tune-up EIRP (dBm)	Tune-up EIRP (W)	Distance (cm)	S (mW/cm ²)	S Limit (mW/cm ²)	Ratio (S/Limit)
2.4G;D1D	4.19	27.85	32.04	0.50	32.54	1.79473	40	0.08926	1.00000	0.08926
5.8G;D1D	8.93	27.03	35.96	0.03	35.99	3.97192	40	0.19754	1.00000	0.19754
6.2G;D1D	7.33	28.65	35.98	0.01	35.99	3.97192	40	0.19754	1.00000	0.19754
5.8G;D1D	6.33	29.19	35.52	0.47	35.99	3.97192	40	0.19754	1.00000	0.19754
2.4G;G1D (IEEE802.15.4)	5.50	13.62	19.12	0.50	19.62	0.09162	40	0.00456	1.00000	0.00456
									Sum Ratio	0.68644
									Ratio Limit	1

Mode 5: R1 (2.4GHz)+R2 (5GHz UNII 1~3)+R3 (6GHz UNII 5, 7)+Scanning R4 (6GHz)+R5 (Bluetooth)

Mode	DG (dBi)	Power (dBm)	EIRP (dBm)	Tolerance (dB)	Tune-up EIRP (dBm)	Tune-up EIRP (W)	Distance (cm)	S (mW/cm ²)	S Limit (mW/cm ²)	Ratio (S/Limit)
2.4G;D1D	4.19	27.85	32.04	0.50	32.54	1.79473	40	0.08926	1.00000	0.08926
5.8G;D1D	8.93	27.03	35.96	0.03	35.99	3.97192	40	0.19754	1.00000	0.19754
6.2G;D1D	7.33	28.65	35.98	0.01	35.99	3.97192	40	0.19754	1.00000	0.19754
6.2G;D1D	5.35	30.01	35.36	0.50	35.86	3.85478	40	0.19172	1.00000	0.19172
2.4G;BT-LE	5.50	8.57	14.07	0.50	14.57	0.02864	40	0.00142	1.00000	0.00142
									Sum Ratio	0.67748
									Ratio Limit	1

**Mode 6: R1 (2.4GHz)+R2 (5GHz UNII 1~3)+R3 (6GHz UNII 5, 7)+Scanning R4 (6GHz)+R5 (IEEE 802.15.4)**

Mode	DG (dBi)	Power (dBm)	EIRP (dBm)	Tolerance (dB)	Tune-up EIRP (dBm)	Tune-up EIRP (W)	Distance (cm)	S (mW/cm ²)	S Limit (mW/cm ²)	Ratio (S/Limit)
2.4G;D1D	4.19	27.85	32.04	0.50	32.54	1.79473	40	0.08926	1.00000	0.08926
5.8G;D1D	8.93	27.03	35.96	0.03	35.99	3.97192	40	0.19754	1.00000	0.19754
6.2G;D1D	7.33	28.65	35.98	0.01	35.99	3.97192	40	0.19754	1.00000	0.19754
6.2G;D1D	5.35	30.01	35.36	0.50	35.86	3.85478	40	0.19172	1.00000	0.19172
2.4G;G1D (IEEE802.15.4)	5.50	13.62	19.12	0.50	19.62	0.09162	40	0.00456	1.00000	0.00456
									Sum Ratio	0.68062
									Ratio Limit	1

Mode 7: R1 (5GHz UNII 1~2A)+R2 (5GHz UNII 2C~3)+R3 (6GHz UNII 5, 7)+Scanning R4 (2.4GHz)+R5 (Bluetooth)

Mode	DG (dBi)	Power (dBm)	EIRP (dBm)	Tolerance (dB)	Tune-up EIRP (dBm)	Tune-up EIRP (W)	Distance (cm)	S (mW/cm ²)	S Limit (mW/cm ²)	Ratio (S/Limit)
5.2G;D1D	5.90	27.31	33.21	0.50	33.71	2.34963	40	0.11686	1.00000	0.11686
5.8G;D1D	8.93	27.03	35.96	0.03	35.99	3.97192	40	0.19754	1.00000	0.19754
6.2G;D1D	7.33	28.65	35.98	0.01	35.99	3.97192	40	0.19754	1.00000	0.19754
2.4G;G1D	2.91	29.02	31.93	0.50	32.43	1.74985	40	0.08703	1.00000	0.08703
2.4G;BT-LE	5.50	8.57	14.07	0.50	14.57	0.02864	40	0.00142	1.00000	0.00142
									Sum Ratio	0.60039
									Ratio Limit	1

Mode 8: R1 (5GHz UNII 1~2A)+R2 (5GHz UNII 2C~3)+R3 (6GHz UNII 5, 7)+Scanning R4 (2.4GHz)+R5 (IEEE 802.15.4)

Mode	DG (dBi)	Power (dBm)	EIRP (dBm)	Tolerance (dB)	Tune-up EIRP (dBm)	Tune-up EIRP (W)	Distance (cm)	S (mW/cm ²)	S Limit (mW/cm ²)	Ratio (S/Limit)
5.2G;D1D	5.90	27.31	33.21	0.50	33.71	2.34963	40	0.11686	1.00000	0.11686
5.8G;D1D	8.93	27.03	35.96	0.03	35.99	3.97192	40	0.19754	1.00000	0.19754
6.2G;D1D	7.33	28.65	35.98	0.01	35.99	3.97192	40	0.19754	1.00000	0.19754
2.4G;G1D	2.91	29.02	31.93	0.50	32.43	1.74985	40	0.08703	1.00000	0.08703
2.4G;G1D (IEEE802.15.4)	5.50	13.62	19.12	0.50	19.62	0.09162	40	0.00456	1.00000	0.00456
									Sum Ratio	0.60353
									Ratio Limit	1

**Mode 9: R1 (5GHz UNII 1~2A)+R2 (5GHz UNII 2C~3)+R3 (6GHz UNII 5, 7)+Scanning R4 (5GHz)+R5 (Bluetooth)**

Mode	DG (dBi)	Power (dBm)	EIRP (dBm)	Tolerance (dB)	Tune-up EIRP (dBm)	Tune-up EIRP (W)	Distance (cm)	S (mW/cm ²)	S Limit (mW/cm ²)	Ratio (S/Limit)
5.2G;D1D	5.90	27.31	33.21	0.50	33.71	2.34963	40	0.11686	1.00000	0.11686
5.8G;D1D	8.93	27.03	35.96	0.03	35.99	3.97192	40	0.19754	1.00000	0.19754
6.2G;D1D	7.33	28.65	35.98	0.01	35.99	3.97192	40	0.19754	1.00000	0.19754
5.8G;D1D	6.33	29.19	35.52	0.47	35.99	3.97192	40	0.19754	1.00000	0.19754
2.4G;BT-LE	5.50	8.57	14.07	0.50	14.57	0.02864	40	0.00142	1.00000	0.00142
									Sum Ratio	0.71090
									Ratio Limit	1

Mode 10: R1 (5GHz UNII 1~2A)+R2 (5GHz UNII 2C~3)+R3 (6GHz UNII 5, 7)+Scanning R4 (5GHz)+R5 (IEEE 802.15.4)

Mode	DG (dBi)	Power (dBm)	EIRP (dBm)	Tolerance (dB)	Tune-up EIRP (dBm)	Tune-up EIRP (W)	Distance (cm)	S (mW/cm ²)	S Limit (mW/cm ²)	Ratio (S/Limit)
5.2G;D1D	5.90	27.31	33.21	0.50	33.71	2.34963	40	0.11686	1.00000	0.11686
5.8G;D1D	8.93	27.03	35.96	0.03	35.99	3.97192	40	0.19754	1.00000	0.19754
6.2G;D1D	7.33	28.65	35.98	0.01	35.99	3.97192	40	0.19754	1.00000	0.19754
5.8G;D1D	6.33	29.19	35.52	0.47	35.99	3.97192	40	0.19754	1.00000	0.19754
2.4G;G1D (IEEE802.15.4)	5.50	13.62	19.12	0.50	19.62	0.09162	40	0.00456	1.00000	0.00456
									Sum Ratio	0.71404
									Ratio Limit	1

Mode 11: R1 (5GHz UNII 1~2A)+R2 (5GHz UNII 2C~3)+R3 (6GHz UNII 5, 7)+Scanning R4 (6GHz)+R5 (Bluetooth)

Mode	DG (dBi)	Power (dBm)	EIRP (dBm)	Tolerance (dB)	Tune-up EIRP (dBm)	Tune-up EIRP (W)	Distance (cm)	S (mW/cm ²)	S Limit (mW/cm ²)	Ratio (S/Limit)
5.2G;D1D	5.90	27.31	33.21	0.50	33.71	2.34963	40	0.11686	1.00000	0.11686
5.8G;D1D	8.93	27.03	35.96	0.03	35.99	3.97192	40	0.19754	1.00000	0.19754
6.2G;D1D	7.33	28.65	35.98	0.01	35.99	3.97192	40	0.19754	1.00000	0.19754
6.2G;D1D	5.35	30.01	35.36	0.50	35.86	3.85478	40	0.19172	1.00000	0.19172
2.4G;BT-LE	5.50	8.57	14.07	0.50	14.57	0.02864	40	0.00142	1.00000	0.00142
									Sum Ratio	0.70508
									Ratio Limit	1

**Mode 12: R1 (5GHz UNII 1~2A)+R2 (5GHz UNII 2C~3)+R3 (6GHz UNII 5, 7)+Scanning R4 (6GHz)+R5 (IEEE 802.15.4)**

Mode	DG (dBi)	Power (dBm)	EIRP (dBm)	Tolerance (dB)	Tune-up EIRP (dBm)	Tune-up EIRP (W)	Distance (cm)	S (mW/cm ²)	S Limit (mW/cm ²)	Ratio (S/Limit)
5.2G;D1D	5.90	27.31	33.21	0.50	33.71	2.34963	40	0.11686	1.00000	0.11686
5.8G;D1D	8.93	27.03	35.96	0.03	35.99	3.97192	40	0.19754	1.00000	0.19754
6.2G;D1D	7.33	28.65	35.98	0.01	35.99	3.97192	40	0.19754	1.00000	0.19754
6.2G;D1D	5.35	30.01	35.36	0.50	35.86	3.85478	40	0.19172	1.00000	0.19172
2.4G;G1D (IEEE802.15.4)	5.50	13.62	19.12	0.50	19.62	0.09162	40	0.00456	1.00000	0.00456
									Sum Ratio	0.70822
									Ratio Limit	1

Mode 13: R1 (6GHz UNII 7)+R2 (5GHz UNII 1~3)+R3 (6GHz UNII 5)+Scanning R4 (2.4GHz)+R5 (Bluetooth)

Mode	DG (dBi)	Power (dBm)	EIRP (dBm)	Tolerance (dB)	Tune-up EIRP (dBm)	Tune-up EIRP (W)	Distance (cm)	S (mW/cm ²)	S Limit (mW/cm ²)	Ratio (S/Limit)
6.7G;D1D	5.96	29.12	35.08	0.50	35.58	3.61410	40	0.17975	1.00000	0.17975
5.8G;D1D	8.93	27.03	35.96	0.03	35.99	3.97192	40	0.19754	1.00000	0.19754
6.2G;D1D	7.33	28.65	35.98	0.01	35.99	3.97192	40	0.19754	1.00000	0.19754
2.4G;G1D	2.91	29.02	31.93	0.50	32.43	1.74985	40	0.08703	1.00000	0.08703
2.4G;BT-LE	5.50	8.57	14.07	0.50	14.57	0.02864	40	0.00142	1.00000	0.00142
									Sum Ratio	0.66328
									Ratio Limit	1

Mode 14: R1 (6GHz UNII 7)+R2 (5GHz UNII 1~3)+R3 (6GHz UNII 5)+Scanning R4 (2.4GHz)+R5 (IEEE 802.15.4)

Mode	DG (dBi)	Power (dBm)	EIRP (dBm)	Tolerance (dB)	Tune-up EIRP (dBm)	Tune-up EIRP (W)	Distance (cm)	S (mW/cm ²)	S Limit (mW/cm ²)	Ratio (S/Limit)
6.7G;D1D	5.96	29.12	35.08	0.50	35.58	3.61410	40	0.17975	1.00000	0.17975
5.8G;D1D	8.93	27.03	35.96	0.03	35.99	3.97192	40	0.19754	1.00000	0.19754
6.2G;D1D	7.33	28.65	35.98	0.01	35.99	3.97192	40	0.19754	1.00000	0.19754
2.4G;G1D	2.91	29.02	31.93	0.50	32.43	1.74985	40	0.08703	1.00000	0.08703
2.4G;G1D (IEEE802.15.4)	5.50	13.62	19.12	0.50	19.62	0.09162	40	0.00456	1.00000	0.00456
									Sum Ratio	0.66642
									Ratio Limit	1

————THE END————