

Radio Exposure Evaluation Report

FCC ID : QXO-AP4060
Equipment : Access Point
Brand Name : Extreme Networks
Model Name : AP4060
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 FCC Part 2 Subpart J, section 2.1091

The product was received on Feb. 19, 2025, and testing was started from Apr. 22, 2025 and completed on Jul. 11, 2025. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in 47 CFR FCC Part 2 Subpart J, section 2.1091 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.



Approved by: Jackson Tsai

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Table of Contents

HISTORY OF THIS TEST REPORT	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Information.....	5
1.2 Applicable Standards	6
1.3 Testing Location	8
2 MAXIMUM PERMISSIBLE EXPOSURE	9
2.1 Limit of Maximum Permissible Exposure	9
2.2 RF Exposure Exempt Measurement	10
2.3 Multiple RF Sources Exposure.....	11
2.4 MPE Calculation Method	12
2.5 Calculated Result and Limit.....	13

Photographs of EUT V01



History of this test report

Report No.	Version	Description	Issued Date
FA512205-01A	01	Initial issue of report	Sep. 01, 2025



Summary of Test Result

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

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

None

Reviewed by: Barry Hsiao

Report Producer: Amber Chiu



1 General Description

1.1 Information

1.1.1 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) 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	5180-5240 5260-5320 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: DSSS (GFSK)
802.15.4	2400-2483.5	2405-2480	DSSS (QPSK)

**1.1.2 Antenna Information**

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	Sercomm	6172008GWA-1	PIFA	I-Pex	2.4G+5G	Radio 1_2.4G Radio 2_5G
2	Sercomm	6172008GWA-2	PIFA	I-Pex	2.4G+5G	Radio 1_2.4G Radio 2_5G
3	Sercomm	6172008GWA-3	Dipole	I-Pex	5G+6G	Radio 3_5GL/6G
4	Sercomm	6172008GWA-4	Dipole	I-Pex	5G+6G	Radio 3_5GL/6G
5	Sercomm	6172008GWA-8	PIFA	I-Pex	2.4G+5G+6G	Radio 1_Scan
6	Sercomm	6172008GWA-5	PIFA	I-Pex	BT+802.15.4	BLE_chain 1_H
7	Sercomm	6172008GWA-6	PIFA	I-Pex	BT+802.15.4	BLE_chain 1_V
8	Sercomm	6172008GWA-7	PIFA	I-Pex	BT+802.15.4	BLE_chain 0
9	Sercomm	6172008GWA-9	PIFA	I-Pex	GPS	GPS

Ant.	Port	Gain (dBi)												
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BT1H	BT1V	BT0	GPS
1	1	4.97	3.2	3.51	5.51	5.28	-	-	-	-	-	-	-	-
2	2	3.08	3.51	3.3	4.19	5.82	-	-	-	-	-	-	-	-
3	1	-	10.46	9.56	-	-	11.33	11.31	10.51	11.39	-	-	-	-
4	2	-	9.34	9.87	-	-	10.61	10.75	10.62	10.52	-	-	-	-
5	1	5.33	2.89	3.35	4.93	3.56	4.96	3.88	3.55	4.32	-	-	-	-
6	1	-	-	-	-	-	-	-	-	-	3.15	-	-	-
7	2	-	-	-	-	-	-	-	-	-	-	4.25	-	-
8	1	-	-	-	-	-	-	-	-	-	-	-	3.77	-
9	1	-	-	-	-	-	-	-	-	-	-	-	-	N/A

Ant.		Composite Gain (dBi)								
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8
1~2	DG [1SS]	5.62	4.5	5.67	6.92	6.42	-	-	-	-
	DG [2SS]	4.97	3.51	3.51	5.51	5.82	-	-	-	-
3~4	DG [1SS]	-	12.93	12.57	12.57	12.74	13.79	13.99	13.55	13.95
	DG [2SS]	-	10.46	9.87	9.72	9.82	11.33	11.31	10.62	11.39



Ant.	30 Degree Gain (dBi)			
	UNII-1	UNII-5	UNII-6	UNII-7
1~2	1.63	-	-	-
3~4	4.13	0.53	1.38	2.76

Note 1: The EUT has nine antennas.

Note 2: The composite gain is derived as KDB 662911 D03 v02 which was used as directional gain. For more detail information, please refer to the Antenna Pattern Report AP512205-01.

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax/be mode (1TX/2RX) < **Radio 1** >

Ant. 1 (port 1) could transmit

Ant. 1 (port 1) and Ant. 2 (port 2) receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax/be mode (2TX/2RX) < **Radio 1** >

Ant. 1 (port 1) and Ant. 2 (port 2) could transmit/receive simultaneously.

For b20/g20 mode (1TX/1RX) < **Radio 1_Scan** >

Ant. 5 (port 1) could transmit/receive.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax/be mode(1TX/2RX) < **Radio 2** >

Ant. 1 (port 1) could transmit

Ant. 1 (port 1) and Ant. 2 (port 2) receive simultaneously.

For IEEE 802.11 a/n/ac/ax/be mode(2TX/2RX) < **Radio 2** >

Ant. 1 (port 1) and Ant. 2 (port 2) could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax/be mode(1TX/2RX) < **Radio 3** > **Low band**

Ant. 3 (port 1) could transmit

Ant. 3 (port 1) and Ant. 4 (port 2) receive simultaneously.

For IEEE 802.11 a/n/ac/ax/be mode(2TX/2RX) < **Radio 3** > **Low band**

Ant. 3 (port 1) and Ant. 4 (port 2) could transmit/receive simultaneously.

For a20/a40/a80/a160 mode (1TX/1RX) < **Radio 1_Scan** >

Ant. 5 (port 1) could transmit/receive.

For 6GHz function:

For IEEE 802.11 a/ax/be mode(1TX/2RX) < **Radio 3** >

Ant. 3 (port 1) could transmit

Ant. 3 (port 1) and Ant. 4 (port 2) receive simultaneously.

For IEEE 802.11 a/ax/be mode(2TX/2RX) < **Radio 3** >

Ant. 3 (port 1) and Ant. 4 (port 2) could transmit/receive simultaneously.

For a20/a40/a80/a160 mode(1TX/1RX) < **Radio 1_Scan** >

Ant. 5 (port 1) could transmit/receive.

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX) < **chain 0** >

Ant. 8 (port 1) could transmit/receive.

For IEEE 802.15.1 Bluetooth mode (1TX/2RX) < **chain 1** >

Ant. 6 (port 1) and Ant. 7 (port 2) could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was Ant. 6(port 1) and it was recorded in this test report.

For 802.15.4 function:

For IEEE 802.15.4 mode (1TX/1RX) < **chain 0** >

Ant. 8 (port 1) could transmit/receive.

For IEEE 802.15.4 mode (1TX/2RX) < **chain 1** >

Ant. 6 (port 1) and Ant. 7 (port 2) could transmit/receive simultaneously.

Support diversity function and pre-tested on each single chain, the worst case was Ant. 6(port 1) and it was recorded in this test report.

1.2 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ 47 CFR FCC Part 2 Subpart J, section 2.1091
 - ♦ KDB 447498 D04 Interim General RF Exposure Guidance v01
- The following reference test guidance is not within the scope of accreditation of TAF.
- ♦ 47 CFR Part 1.1307
 - ♦ 47 CFR Part 1.1310

1.3 Testing Location

Test Lab. : Sporton International Inc. Hsinhua Laboratory			
☒	Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)	
		TEL: 886-3-327-3456	FAX: 886-3-327-0973
Test site Designation No. TW3785 with FCC.			
☐	Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)	
		TEL: 886-3-318-0787	FAX: 886-3-318-0287
Test site Designation No. TW0008 with FCC.			

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

Multiple Transmitters Condition	
Co-location as simultaneously transmitting (co-transmitting) and the evaluation shall be consider that simultaneous transmissions from co-located devices the individual transmitters are evaluated separately. After sum of the individual value (basic restriction / reference level) are measured/calculated also have to under basic restriction / reference level.	
Co-transmitting mode:	
1	R1:2.4G+R2:5G Full+R3:6G Full+R1:Scan 2.4G+R1:Scan 5G +R1:Scan 6G+BT(chain0)
2	R1:2.4G+R2:5G High(Band3/4)+R3:5G Low(Band1/2)+R1:Scan 2.4G+R1:Scan 5G +R1:Scan 6G+BT(chain0)
3	R1:2.4G+R2:5G Full+R3:6G Full+R1:Scan 2.4G+R1:Scan 5G +R1:Scan 6G+BT(chain1)
4	R1:2.4G+R2:5G High(Band3/4)+R3:5G Low(Band1/2)+R1:Scan 2.4G+R1:Scan 5G +R1:Scan 6G+BT(chain1)
5	R1:2.4G+R2:5G Full+R3:6G Full+R1:Scan 2.4G+R1:Scan 5G +R1:Scan 6G+IEEE 802.15.4 (chain0)
6	R1:2.4G+R2:5G High(Band3/4)+R3:5G Low(Band1/2)+R1:Scan 2.4G+R1:Scan 5G +R1:Scan 6G+IEEE 802.15.4 (chain0)
7	R1:2.4G+R2:5G Full+R3:6G Full+R1:Scan 2.4G+R1:Scan 5G +R1:Scan 6G+IEEE 802.15.4 (chain1)
8	R1:2.4G+R2:5G High(Band3/4)+R3:5G Low(Band1/2)+R1:Scan 2.4G+R1:Scan 5G +R1:Scan 6G+IEEE 802.15.4(chain1)

2.2 RF Exposure Exempt Measurement

Option	Refer Std.	Exemption Exposure Thresholds (TL)
A	§1.1307(b)(3)(i)(A)	Available maximum time-averaged power is no more than 1 mW
B	§1.1307(b)(3)(i)(B)	$P_{th}(mW) = \begin{cases} ERP_{20cm} (d / 20cm)^x \rightarrow d \leq 20cm \\ ERP_{20cm} \rightarrow 20cm < d \leq 40cm \end{cases}$ $x = -\log_{10} \left(\frac{60}{ERP_{20cm} \sqrt{f}} \right) \text{ and } f \text{ is in GHz}$ $\begin{cases} ERP_{20cm} : 0.3GHz \leq f < 1.5GHz \rightarrow 2040 f(mW) \\ ERP_{20cm} : 1.5GHz \leq f \leq 6GHz \rightarrow 3060(mW) \end{cases}$
C	§1.1307(b)(3)(i)(C)	$\begin{cases} 0.3 \sim 1.34MHz \rightarrow ERP(W) = 1920 R^2 \\ 1.34 \sim 30MHz \rightarrow ERP(W) = 3450 R^2 / f^2 \\ 30 \sim 300MHz \rightarrow ERP(W) = 3.83R^2 \\ 300 \sim 1500MHz \rightarrow ERP(W) = 0.0128 R^2 f \\ 1500 \sim 100000MHz \rightarrow ERP(W) = 19.2R^2 \end{cases}$ f is in MHz; R is in m; $R > \lambda / 2\pi$

2.3 Multiple RF Sources Exposure

Refer Std.	Exemption Exposure Thresholds (TL)
§1.1307(b)(3)(ii)(A)	The available maximum time-averaged power of each source is no more than 1 mW and there is a separation distance of two centimeters between any portion of a radiating structure operating and the nearest portion of any other radiating structure in the same device, except if the sum of multiple sources is less than 1 mW during the time-averaging period, in which case they may be treated as a single source (separation is not required)
§1.1307(b)(3)(ii)(B)	$\sum_{i=1}^a \frac{P_i}{P_{th,i}} + \sum_{j=1}^b \frac{ERP_j}{ERP_{th,j}} + \sum_{k=1}^c \frac{Evaluated_k}{ExposureLimit_k} \leq 1$ a = number of fixed, mobile, or portable RF sources claiming exemption using paragraph §1.1307(b)(3)(i)(B) of this section for P , including existing exempt transmitters and those being added. b = number of fixed, mobile, or portable RF sources claiming exemption using paragraph §1.1307(b)(3)(i)(C) of this section for Threshold ERP, including existing exempt transmitters and those being added. c = number of existing fixed, mobile, or portable RF sources with known evaluation for the specified minimum distance including existing evaluated transmitters. P_i = the available maximum time-averaged power or the ERP, whichever is greater, for fixed, mobile, or portable RF source i at a distance between 0.5 cm and 40 cm (inclusive). $P_{th,i}$ = the exemption threshold power (P_{th}) according to paragraph §1.1307(b)(3)(i)(B) of this section for fixed, mobile, or portable RF source i. ERP_j = the ERP of fixed, mobile, or portable RF source j. $ERP_{th,j}$ = exemption threshold ERP for fixed, mobile, or portable RF source j, at a distance of at least $\lambda/2\pi$ according to the applicable formula of paragraph §1.1307(b)(3)(i)(C) of this section. $Evaluated_k$ = the maximum reported SAR or MPE of fixed, mobile, or portable RF source k either in the device or at the transmitter site from an existing evaluation at the location of exposure. $Evaluated Limit_k$ = either the general population/uncontrolled maximum permissible exposure (MPE) or specific absorption rate (SAR) limit for each fixed, mobile, or portable RF source k, as applicable from § 1.1310 of this chapter.



2.4 MPE Calculation Method

The MPE was calculated at 49 cm to show compliance with the power density limit.
The following formula was used to calculate the Power Density:

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

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

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



2.5 Calculated Result and Limit

Exposure Environment: General Population / Uncontrolled Exposure

WLAN 2.4GHz_Non-Beamforming_Radio 1_Scan

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;G1D	5.33	21.95	25.13	0.50	365.595	49	C	4609.920	0.07933
2.4G;D1D	5.33	20.28	23.46	0.50	248.886	49	C	4609.920	0.05400

WLAN 2.4GHz_Non-Beamforming_Radio 1_1T1S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;G1D	4.97	20.29	23.11	0.50	229.615	49	C	4609.920	0.04982
2.4G;D1D	4.97	19.41	22.23	0.50	187.499	49	C	4609.920	0.04068

WLAN 2.4GHz_Non-Beamforming_Radio 1_2T1S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;G1D	4.97	23.22	26.04	0.50	450.817	49	C	4609.920	0.09782
2.4G;D1D	4.97	21.60	24.42	0.50	310.456	49	C	4609.920	0.06736

WLAN 2.4GHz_Non-Beamforming_Radio 1_2T2S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;D1D	4.97	21.37	24.19	0.50	294.442	49	C	4609.920	0.06389

**WLAN 5GHz_Non-Beamforming_Radio 1_Scan_Indoor**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	2.89	18.34	19.08	0.50	90.782	49	C	4609.920	0.01970
5.3G;D1D	3.35	18.30	19.50	0.50	100.000	49	C	4609.920	0.02170
5.6G;D1D	4.93	19.14	21.92	0.50	174.582	49	C	4609.920	0.03788
5.8G;D1D	3.56	20.39	21.80	0.50	169.824	49	C	4609.920	0.03685

WLAN 5GHz_Non-Beamforming_Radio 2_1T1S_Indoor

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	3.20	20.40	21.45	0.50	156.675	49	C	4609.920	0.03400
5.3G;D1D	3.51	19.98	21.34	0.50	152.757	49	C	4609.920	0.03314
5.6G;D1D	5.51	20.29	23.65	0.50	260.016	49	C	4609.920	0.05642
5.8G;D1D	5.28	21.55	24.68	0.50	329.610	49	C	4609.920	0.07152

WLAN 5GHz_Non-Beamforming_Radio 2_2T1S_Indoor

	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	3.51	23.13	24.49	0.50	315.500	49	C	4609.920	0.06846
5.3G;D1D	3.51	22.52	23.88	0.50	274.157	49	C	4609.920	0.05949
5.6G;D1D	5.51	22.48	25.84	0.50	430.527	49	C	4609.920	0.09341
5.8G;D1D	5.82	24.31	27.98	0.50	704.693	49	C	4609.920	0.15290

WLAN 5GHz_Non-Beamforming_Radio 2_2T2S_Indoor

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	3.51	23.07	24.43	0.50	311.172	49	C	4609.920	0.06752
5.3G;D1D	3.51	22.52	23.88	0.50	274.157	49	C	4609.920	0.05949
5.6G;D1D	5.51	22.52	25.88	0.50	434.510	49	C	4609.920	0.09428
5.8G;D1D	5.82	24.38	28.05	0.50	716.143	49	C	4609.920	0.15539

WLAN 5GHz_Non-Beamforming_Radio 3_1T1S_Indoor

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	10.46	20.12	28.43	0.50	781.628	49	C	4609.920	0.16960
5.3G;D1D	9.56	19.88	27.29	0.50	601.174	49	C	4609.920	0.13044

WLAN 5GHz_Non-Beamforming_Radio 3_2T1S_Indoor

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	10.46	23.04	31.35	0.50	1531.087	49	C	4609.920	0.33221
5.3G;D1D	9.87	19.46	27.18	0.50	586.138	49	C	4609.920	0.12718

**WLAN 5GHz_Non-Beamforming_Radio 3_2T2S_Indoor**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	10.46	23.00	31.31	0.50	1517.050	49	C	4609.920	0.32917
5.3G;D1D	9.87	19.52	27.24	0.50	594.292	49	C	4609.920	0.12895

WLAN 5GHz_Non-Beamforming_Radio 1_Scan_Outdoor

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	2.89	17.59	18.33	0.50	76.384	49	C	4609.920	0.01657
5.3G;D1D	3.35	18.30	19.50	0.50	100.000	49	C	4609.920	0.02170
5.6G;D1D	4.93	19.14	21.92	0.50	174.582	49	C	4609.920	0.03788
5.8G;D1D	3.56	20.39	21.80	0.50	169.824	49	C	4609.920	0.03685

WLAN 5GHz_Non-Beamforming_Radio 2_1T1S_Peak Gain_Outdoor

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	3.20	17.27	18.32	0.50	76.208	49	C	4609.920	0.01654
5.3G;D1D	3.51	19.98	21.34	0.50	152.757	49	C	4609.920	0.03314
5.6G;D1D	5.51	20.29	23.65	0.50	260.016	49	C	4609.920	0.05642
5.8G;D1D	5.28	21.55	24.68	0.50	329.610	49	C	4609.920	0.07152

WLAN 5GHz_Non-Beamforming_Radio 2_2T1S_Peak Gain_Outdoor

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	3.51	16.97	18.33	0.50	76.384	49	C	4609.920	0.01657
5.3G;D1D	3.51	22.52	23.88	0.50	274.157	49	C	4609.920	0.05949
5.6G;D1D	5.51	22.48	25.84	0.50	430.527	49	C	4609.920	0.09341
5.8G;D1D	5.82	24.31	27.98	0.50	704.693	49	C	4609.920	0.15290

WLAN 5GHz_Non-Beamforming_Radio 2_2T2S_Peak Gain_Outdoor

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	3.51	16.96	18.32	0.50	76.208	49	C	4609.920	0.01654
5.3G;D1D	3.51	22.52	23.88	0.50	274.157	49	C	4609.920	0.05949
5.6G;D1D	5.51	22.52	25.88	0.50	434.510	49	C	4609.920	0.09428
5.8G;D1D	5.82	24.38	28.05	0.50	716.143	49	C	4609.920	0.15539

WLAN 5GHz_Non-Beamforming_Radio 3_1T1S_Peak Gain_Outdoor

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	10.46	9.99	18.30	0.50	75.858	49	C	4609.920	0.01646
5.3G;D1D	9.56	19.88	27.29	0.50	601.174	49	C	4609.920	0.13044

**WLAN 5GHz_Non-Beamforming_Radio 3_2T1S_Peak Gain_Outdoor**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	10.46	10.02	18.33	0.50	76.384	49	C	4609.920	0.01657
5.3G;D1D	9.87	19.46	27.18	0.50	586.138	49	C	4609.920	0.12718

WLAN 5GHz_Non-Beamforming_Radio 3_2T2S_Peak Gain_Outdoor

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	10.46	9.95	18.26	0.50	75.162	49	C	4609.920	0.01631
5.3G;D1D	9.87	19.52	27.24	0.50	594.292	49	C	4609.920	0.12895

WLAN 5GHz_Non-Beamforming_Radio 2_1T1S_30 Degree Gain_Outdoor

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	1.63	18.84	18.32	0.50	76.208	49	C	4609.920	0.01654
5.3G;D1D	3.51	19.98	21.34	0.50	152.757	49	C	4609.920	0.03314
5.6G;D1D	5.51	20.29	23.65	0.50	260.016	49	C	4609.920	0.05642
5.8G;D1D	5.28	21.55	24.68	0.50	329.610	49	C	4609.920	0.07152

WLAN 5GHz_Non-Beamforming_Radio 2_2T1S_30 Degree Gain_Outdoor

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	1.63	18.85	18.33	0.50	76.384	49	C	4609.920	0.01657
5.3G;D1D	3.51	22.52	23.88	0.50	274.157	49	C	4609.920	0.05949
5.6G;D1D	5.51	22.48	25.84	0.50	430.527	49	C	4609.920	0.09341
5.8G;D1D	5.82	24.31	27.98	0.50	704.693	49	C	4609.920	0.15290

WLAN 5GHz_Non-Beamforming_Radio 2_2T2S_30 Degree Gain_Outdoor

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	1.63	18.84	18.32	0.50	76.208	49	C	4609.920	0.01654
5.3G;D1D	3.51	22.52	23.88	0.50	274.157	49	C	4609.920	0.05949
5.6G;D1D	5.51	22.52	25.88	0.50	434.510	49	C	4609.920	0.09428
5.8G;D1D	5.82	24.38	28.05	0.50	716.143	49	C	4609.920	0.15539

WLAN 5GHz_Non-Beamforming_Radio 3_1T1S_30 Degree Gain_Outdoor

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	4.13	16.35	18.33	0.50	76.384	49	C	4609.920	0.01657
5.3G;D1D	9.56	19.88	27.29	0.50	601.174	49	C	4609.920	0.13044

WLAN 5GHz_Non-Beamforming_Radio 3_2T1S_30 Degree Gain_Outdoor

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	4.13	16.33	18.31	0.50	76.033	49	C	4609.920	0.01650
5.3G;D1D	9.87	19.46	27.18	0.50	586.138	49	C	4609.920	0.12718

**WLAN 5GHz_Non-Beamforming_Radio 3_2T2S_30 Degree Gain_Outdoor**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	4.13	16.35	18.33	0.50	76.384	49	C	4609.920	0.01657
5.3G;D1D	9.87	19.52	27.24	0.50	594.292	49	C	4609.920	0.12895

WLAN 6GHz_Non-Beamforming_Radio 1_Scan_Indoor

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	4.96	19.93	22.74	0.50	210.863	49	C	4609.920	0.04575
6.7G;D1D	3.55	19.89	21.29	0.50	151.008	49	C	4609.920	0.03277

WLAN 6GHz_Non-Beamforming_Radio 3_1T1S_Indoor

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	11.33	20.91	30.09	0.50	1145.513	49	C	4609.920	0.24855
6.7G;D1D	10.51	21.34	29.70	0.50	1047.129	49	C	4609.920	0.22720

WLAN 6GHz_Non-Beamforming_Radio 3_2T1S_Indoor

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	11.33	24.10	33.28	0.50	2387.811	49	C	4609.920	0.51810
6.7G;D1D	10.62	23.93	32.40	0.50	1949.845	49	C	4609.920	0.42307

WLAN 6GHz_Non-Beamforming_Radio 3_2T2S_Indoor

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	11.33	24.16	33.34	0.50	2421.029	49	C	4609.920	0.52531
6.7G;D1D	10.62	24.40	32.87	0.50	2172.701	49	C	4609.920	0.47143

**WLAN 6GHz_Non-Beamforming_Radio 1_Scan_Outdoor**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	4.96	15.52	18.33	0.50	76.384	49	C	4609.920	0.01657
6.7G;D1D	3.55	16.94	18.34	0.50	76.560	49	C	4609.920	0.01661

WLAN 6GHz_Non-Beamforming_Radio 3_1T1S_Outdoor_Peak Gain

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	11.33	9.12	18.30	0.50	75.858	49	C	4609.920	0.01646
6.7G;D1D	10.51	9.97	18.33	0.50	76.384	49	C	4609.920	0.01657

WLAN 6GHz_Non-Beamforming_Radio 3_2T1S_Outdoor_Peak Gain

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	11.33	9.13	18.31	0.50	76.033	49	C	4609.920	0.01650
6.7G;D1D	10.62	9.86	18.33	0.50	76.384	49	C	4609.920	0.01657

WLAN 6GHz_Non-Beamforming_Radio 3_2T2S_Outdoor_Peak Gain

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	11.33	9.15	18.33	0.50	76.384	49	C	4609.920	0.01657
6.7G;D1D	10.62	9.83	18.30	0.50	75.858	49	C	4609.920	0.01646

WLAN 6GHz_Non-Beamforming_Radio 3_1T1S_Outdoor_30 Degree Gain

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	0.53	19.95	18.33	0.50	76.384	49	C	4609.920	0.01657
6.7G;D1D	2.76	17.72	18.33	0.50	76.384	49	C	4609.920	0.01657

WLAN 6GHz_Non-Beamforming_Radio 3_2T1S_Outdoor_30 Degree Gain

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	0.53	19.96	18.34	0.50	76.560	49	C	4609.920	0.01661
6.7G;D1D	2.76	17.72	18.33	0.50	76.384	49	C	4609.920	0.01657

WLAN 6GHz_Non-Beamforming_Radio 3_2T2S_Outdoor_30 Degree Gain

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	0.53	19.96	18.34	0.50	76.560	49	C	4609.920	0.01661
6.7G;D1D	2.76	17.68	18.29	0.50	75.683	49	C	4609.920	0.01642

**BT_Chain 0**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;BT-LE	3.77	12.37	13.99	0.50	28.119	49	C	4609.920	0.00610

BT_Chain 1

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;BT-LE	3.15	12.36	13.36	0.50	24.322	49	C	4609.920	0.00528

802.15.4_Chain 0

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;	3.77	12.38	14.00	0.50	28.184	49	C	4609.920	0.00612

802.15.4_Chain 1

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;	3.15	12.48	13.48	0.50	25.003	49	C	4609.920	0.00543

**WLAN 2.4GHz_Beamforming_Radio 1**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;D1D	5.62	20.99	24.46	0.50	313.329	49	C	4609.920	0.06799

WLAN 5GHz_Beamforming_Radio 2_Indoor

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	4.50	23.13	25.48	0.50	396.278	49	C	4609.920	0.08598
5.3G;D1D	5.67	22.48	26.00	0.50	446.684	49	C	4609.920	0.09692
5.6G;D1D	6.92	22.48	27.25	0.50	595.662	49	C	4609.920	0.12925
5.8G;D1D	6.42	24.31	28.58	0.50	809.096	49	C	4609.920	0.17556

WLAN 5GHz_Beamforming_Radio 3_Indoor

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	12.93	22.49	33.27	0.50	2382.319	49	C	4609.920	0.51691
5.3G;D1D	12.57	16.82	27.24	0.50	594.292	49	C	4609.920	0.12895

WLAN 5GHz_Beamforming_Radio 2_Outdoor

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	4.50	15.96	18.31	0.50	76.033	49	C	4609.920	0.01650
5.3G;D1D	5.67	22.48	26.00	0.50	446.684	49	C	4609.920	0.09692
5.6G;D1D	6.92	22.48	27.25	0.50	595.662	49	C	4609.920	0.12925
5.8G;D1D	6.42	24.31	28.58	0.50	809.096	49	C	4609.920	0.17556

WLAN 5GHz_Beamforming_Radio 3_Outdoor

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	12.93	7.51	18.29	0.50	75.683	49	C	4609.920	0.01642
5.3G;D1D	12.57	16.82	27.24	0.50	594.292	49	C	4609.920	0.12895

WLAN 6GHz_Beamforming_Radio 3_Indoor

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	13.79	21.63	33.27	0.50	2382.319	49	C	4609.920	0.51691
6.7G;D1D	13.55	21.91	33.31	0.50	2404.363	49	C	4609.920	0.52169

WLAN 6GHz_Beamforming_Radio 3_Outdoor

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	13.79	6.69	18.33	0.50	76.384	49	C	4609.920	0.01657
6.7G;D1D	13.55	6.87	18.27	0.50	75.336	49	C	4609.920	0.01635

Note 1: Option A, B and C refer as clause 2.2

Note 2: For option B, Pth(mW) convert to TL ERP(mW); For option C, ERP(W) convert to TL ERP(mW)

Note 3: TL Ratio=Tune-up ERP(mW)/TL ERP(mW)

**Simultaneous Transmission Analysis Mode:****1. R1:2.4G+R2:5G Full+R3:6G Full+R1:Scan 2.4G+R1:Scan 5G +R1:Scan 6G+BT(chain0)**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;G1D	4.97	23.22	26.04	0.50	450.931	49	C	4609.920	0.09782
5.8G;D1D	6.42	24.31	28.58	0.50	809.301	49	C	4609.920	0.17556
6.2G;D1D	11.33	24.16	33.34	0.50	2421.642	49	C	4609.920	0.52531
2.4G;G1D	5.33	21.95	25.13	0.50	365.687	49	C	4609.920	0.07933
5.6G;D1D	4.93	19.14	21.92	0.50	174.626	49	C	4609.920	0.03788
6.2G;D1D	4.96	19.93	22.74	0.50	210.916	49	C	4609.920	0.04575
2.4G;BT-LE	3.77	12.37	13.99	0.50	28.126	49	C	4609.920	0.00610
Sum Ratio	0.96775								
Ratio Limit	1								

2. R1:2.4G+R2:5G High(Band3/4)+R3:5G Low(Band1/2)+R1:Scan 2.4G+R1:Scan 5G +R1:Scan 6G+BT(chain0)

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;G1D	4.97	23.22	26.04	0.50	450.931	49	C	4609.920	0.09782
5.8G;D1D	6.42	24.31	28.58	0.50	809.301	49	C	4609.920	0.17556
5.2G;D1D	10.46	20.12	28.43	0.50	781.826	49	C	4609.920	0.16960
2.4G;G1D	5.33	21.95	25.13	0.50	365.687	49	C	4609.920	0.07933
5.6G;D1D	4.93	19.14	21.92	0.50	174.626	49	C	4609.920	0.03788
6.2G;D1D	4.96	19.93	22.74	0.50	210.916	49	C	4609.920	0.04575
2.4G;BT-LE	3.77	12.37	13.99	0.50	28.126	49	C	4609.920	0.00610
Sum Ratio	0.61203								
Ratio Limit	1								

**3. R1:2.4G+R2:5G Full+R3:6G Full+R1:Scan 2.4G+R1:Scan 5G +R1:Scan 6G+BT(chain1)**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;G1D	4.97	23.22	26.04	0.50	450.931	49	C	4609.920	0.09782
5.8G;D1D	6.42	24.31	28.58	0.50	809.301	49	C	4609.920	0.17556
6.2G;D1D	11.33	24.16	33.34	0.50	2421.642	49	C	4609.920	0.52531
2.4G;G1D	5.33	21.95	25.13	0.50	365.687	49	C	4609.920	0.07933
5.6G;D1D	4.93	19.14	21.92	0.50	174.626	49	C	4609.920	0.03788
6.2G;D1D	4.96	19.93	22.74	0.50	210.916	49	C	4609.920	0.04575
2.4G;BT-LE	3.15	12.36	13.36	0.50	24.328	49	C	4609.920	0.00528
Sum Ratio	0.96692								
Ratio Limit	1								

4. R1:2.4G+R2:5G High(Band3/4)+R3:5G Low(Band1/2)+R1:Scan 2.4G+R1:Scan 5G +R1:Scan 6G+BT(chain1)

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;G1D	4.97	23.22	26.04	0.50	450.931	49	C	4609.920	0.09782
5.8G;D1D	6.42	24.31	28.58	0.50	809.301	49	C	4609.920	0.17556
5.2G;D1D	10.46	20.12	28.43	0.50	781.826	49	C	4609.920	0.16960
2.4G;G1D	5.33	21.95	25.13	0.50	365.687	49	C	4609.920	0.07933
5.6G;D1D	4.93	19.14	21.92	0.50	174.626	49	C	4609.920	0.03788
6.2G;D1D	4.96	19.93	22.74	0.50	210.916	49	C	4609.920	0.04575
2.4G;BT-LE	3.15	12.36	13.36	0.50	24.328	49	C	4609.920	0.00528
Sum Ratio	0.61121								
Ratio Limit	1								

**5. R1:2.4G+R2:5G Full+R3:6G Full+R1:Scan 2.4G+R1:Scan 5G +R1:Scan 6G+IEEE 802.15.4 (chain0)**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;G1D	4.97	23.22	26.04	0.50	450.931	49	C	4609.920	0.09782
5.8G;D1D	6.42	24.31	28.58	0.50	809.301	49	C	4609.920	0.17556
6.2G;D1D	11.33	24.16	33.34	0.50	2421.642	49	C	4609.920	0.52531
2.4G;G1D	5.33	21.95	25.13	0.50	365.687	49	C	4609.920	0.07933
5.6G;D1D	4.93	19.14	21.92	0.50	174.626	49	C	4609.920	0.03788
6.2G;D1D	4.96	19.93	22.74	0.50	210.916	49	C	4609.920	0.04575
2.4G;	3.77	12.38	14.00	0.50	28.191	49	C	4609.920	0.00612
Sum Ratio	0.96776								
Ratio Limit	1								

6. R1:2.4G+R2:5G High(Band3/4)+R3:5G Low(Band1/2)+R1:Scan 2.4G+R1:Scan 5G +R1:Scan 6G+IEEE 802.15.4 (chain0)

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;G1D	4.97	23.22	26.04	0.50	450.931	49	C	4609.920	0.09782
5.8G;D1D	6.42	24.31	28.58	0.50	809.301	49	C	4609.920	0.17556
5.2G;D1D	10.46	20.12	28.43	0.50	781.826	49	C	4609.920	0.16960
2.4G;G1D	5.33	21.95	25.13	0.50	365.687	49	C	4609.920	0.07933
5.6G;D1D	4.93	19.14	21.92	0.50	174.626	49	C	4609.920	0.03788
6.2G;D1D	4.96	19.93	22.74	0.50	210.916	49	C	4609.920	0.04575
2.4G;	3.77	12.38	14.00	0.50	28.191	49	C	4609.920	0.00612
Sum Ratio	0.61205								
Ratio Limit	1								

**7. R1:2.4G+R2:5G Full+R3:6G Full+R1:Scan 2.4G+R1:Scan 5G +R1:Scan 6G+IEEE 802.15.4 (chain1)**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;G1D	4.97	23.22	26.04	0.50	450.931	49	C	4609.920	0.09782
5.8G;D1D	6.42	24.31	28.58	0.50	809.301	49	C	4609.920	0.17556
6.2G;D1D	11.33	24.16	33.34	0.50	2421.642	49	C	4609.920	0.52531
2.4G;G1D	5.33	21.95	25.13	0.50	365.687	49	C	4609.920	0.07933
5.6G;D1D	4.93	19.14	21.92	0.50	174.626	49	C	4609.920	0.03788
6.2G;D1D	4.96	19.93	22.74	0.50	210.916	49	C	4609.920	0.04575
2.4G;	3.15	12.48	13.48	0.50	25.010	49	C	4609.920	0.00543
Sum Ratio	0.96707								
Ratio Limit	1								

8. R1:2.4G+R2:5G High(Band3/4)+R3:5G Low(Band1/2)+R1:Scan 2.4G+R1:Scan 5G +R1:Scan 6G+IEEE 802.15.4(chain1)

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;G1D	4.97	23.22	26.04	0.50	450.931	49	C	4609.920	0.09782
5.8G;D1D	6.42	24.31	28.58	0.50	809.301	49	C	4609.920	0.17556
5.2G;D1D	10.46	20.12	28.43	0.50	781.826	49	C	4609.920	0.16960
2.4G;G1D	5.33	21.95	25.13	0.50	365.687	49	C	4609.920	0.07933
5.6G;D1D	4.93	19.14	21.92	0.50	174.626	49	C	4609.920	0.03788
6.2G;D1D	4.96	19.93	22.74	0.50	210.916	49	C	4609.920	0.04575
2.4G;	3.15	12.48	13.48	0.50	25.010	49	C	4609.920	0.00543
Sum Ratio	0.61135								
Ratio Limit	1								

Note 1: Option A, B and C refer as clause 2.2

Note 2: For option B, Pth(mW) convert to TL ERP(mW); For option C, ERP(W) convert to TL ERP(mW)

Note 3: TL Ratio=Tune-up ERP(mW)/TL ERP(mW)

Note 4: Refer as clause 2.3 Multiple RF Sources Exposure. Please follow below option and sum TL ration table.

Option	Sum TL Ratio_B	Option	Sum TL Ratio_C	Option	Sum TL Ratio_E
B	$\sum_{i=1}^a \frac{P_i}{P_{th,i}}$	C	$\sum_{j=1}^b \frac{ERP_j}{ERP_{th,j}}$	E	$\sum_{k=1}^c \frac{Evaluated_k}{ExposureLimit_k}$

Note: The above antenna gain was declared by manufacturer.

—THE END—