



RADIO EXPOSURE TEST REPORT

FCC ID : UDX-CW9177I
Equipment : Cisco Wireless 9177D Series Wi-Fi 7 Access Point
Brand Name : CISCO
Model Name : CW9177D
Applicant : Cisco Systems, Inc.
170 West Tasman Drive, San Jose, CA 95134 USA
Manufacturer : Cisco Systems, Inc.
170 West Tasman Drive, San Jose, CA 95134 USA
Standard : 47 CFR Part 2.1091

The product was received on Jan. 05, 2026, and testing was started from Feb. 03, 2026 and completed on Jul. 09, 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 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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History of this test report

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

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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: Sophia Shiung



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

Serial Number	WTT294903TQ
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1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Cross-polar	Radio (R)
1	WNC	95XPAN15.G13	Dipole	I-Pex	V	R1/3
2	WNC	95XPAN15.G14	Dipole	I-Pex	H	R1/3
3	WNC	95XPAN15.G15	Dipole	I-Pex	V	R1/3
4	WNC	95XPAN15.G16	Dipole	I-Pex	H	R1/3
5	WNC	95XPAN15.G17	Dipole	I-Pex	V	R2
6	WNC	95XPAN15.G18	Dipole	I-Pex	H	R2
7	WNC	95XPAN15.G19	Dipole	I-Pex	V	R2
8	WNC	95XPAN15.G20	Dipole	I-Pex	H	R2
9	WNC	95XPAN15.G21	Dipole	I-Pex	H	R0
10	WNC	95XPAN15.G22	Dipole	I-Pex	V	R0
11	WNC	95XPAN15.G23	PIFA	I-Pex	V	R4
12	WNC	95XPAN15.G12	PIFA	I-Pex	V	R5
13	WNC	81VEAR15.G01	Patch	SMA	V	R5

Ant.	Port / Radio (R)		Composite Gain (dBi)					Ant. Gain above 30 degrees (dBi)
	WLAN 2.4GHz	WLAN 5GHz	WLAN 2.4GHz	WLAN 5GHz				WLAN 5GHz
	R1	R3		UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 1
1	1	1	6.6	6.05	6.07	6.48	6.78	1.8
2	2	2	7.82	5.86	6.07	6.44	6.46	0.4
3	3	3	8.06	5.52	5.77	6.54	6.7	2.2
4	4	4	6.2	5.79	6.22	6.49	6.61	1.8

Ant.	Port / Radio (R)		Composite Gain (dBi)					Ant. Gain above 30 degrees (dBi)		
	WLAN 5/6GHz		WLAN 5GHz		WLAN 6GHz			WLAN 6GHz		
	R2		UNII 2C	UNII 3	UNII 5	UNII 6	UNII 7	UNII 5	UNII 6	UNII 7
5	1		5.54	5.95	5.63	5.57	5.81	2.2	2.1	2.1
6	2		6.32	6	5.23	6.38	6.4	0.9	1.1	0.9
7	3		6.53	6.63	7.35	7.9	8.02	0.7	0.2	-0.6
8	4		6.79	7.03	7.46	7.9	8.28	-0.1	-1.3	-1.3

Ant.	Port / Radio (R)	Composite Gain (dBi)							
	WLAN 2.4/5/6GHz	WLAN 2.4GHz	WLAN 5GHz				WLAN 6GHz		
	R0		UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 5	UNII 6	UNII 7
9	1	6.28	6.32	6.45	6.86	7.53	7.43	8.09	8.93
10	2	6.87	6.49	7.06	6.94	7.22	7.74	9.59	9.56

Ant.	Port / Radio (R)		Ant. Gain above 30 degrees (dBi)			
	WLAN 2.4/5/6GHz		WLAN 5GHz	WLAN 6GHz		
	R0		UNII 1	UNII 5	UNII 6	UNII 7
9	1		0.9	-0.9	-2.2	-2.8
10	2		1	0.4	-2	-1.8



Ant.	Port / Radio (R)		Gain (dBi)	
	BT / IEEE 802.15.4	GPS	BT / IEEE 802.15.4	GPS
	R4	R5		
11	1	-	3.4	-
12	-	1	-	3.3
13	-	1	-	2.98

Note 1: The above information was declared by manufacturer.

Note 2: States antenna 6GHz transmission will be restricted per country's regulation.

Note 3: Directional gain information

Type	Maximum Output Power	Power Spectral Density
Non-BF	Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$
BF	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$

Ex.

Directional Gain (NSS1) formula :

$$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

For 2TX:

$$NSS1(g1,1) = 10^{G1/20} ; NSS1(g1,2) = 10^{G2/20} ;$$

$$g_{j,k} = (NSS1(g1,1) + NSS1(g1,2))^2$$

$$DG = 10 \log[(NSS1(g1,1) + NSS1(g1,2))^2 / N_{ANT}] \Rightarrow 10 \log[(10^{G1/20} + 10^{G2/20})^2 / N_{ANT}]$$

For 4TX:

$$NSS1(g1,1) = 10^{G1/20} ; NSS1(g1,2) = 10^{G2/20} ; NSS1(g1,3) = 10^{G3/20} ; NSS1(g1,4) = 10^{G4/20}$$

$$g_{j,k} = (NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2$$

$$DG = 10 \log[(NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2 / N_{ANT}] \Rightarrow 10 \log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20} + 10^{G4/20})^2 / N_{ANT}]$$

Where;

Radio	Mode		Max Gain (dBi)				DG (dBi)	Remark
			G1	G2	G3	G4		
0	2.4GHz	2TX	6.28	6.87	-	-	6.87	Cross-Polarized Antenna
	5GHz UNII-1	2TX	6.32	6.49	-	-	6.49	
	5GHz UNII-2A	2TX	6.45	7.06	-	-	7.06	
	5GHz UNII-2C	2TX	6.86	6.94	-	-	6.94	
	5GHz UNII-3	2TX	7.53	7.22	-	-	7.53	
	6GHz UNII-5	2TX	7.43	7.74	-	-	7.74	
	6GHz UNII-6	2TX	8.09	9.59	-	-	9.59	
	6GHz UNII-7	2TX	8.93	9.56	-	-	9.56	



Radio	Mode		Max Gain (dBi)				DG (dBi)	Remark
			G1	G2	G3	G4		
1	2.4GHz	2TX	6.60	7.82	-	-	7.82	Cross-Polarized Antenna
		4TX	6.60	7.82	8.06	6.20	10.25	
2	5GHz UNII-2C	2TX	5.54	6.32	-	-	6.32	
		4TX	5.54	6.32	6.53	6.79	9.33	
	5GHz UNII-3	2TX	5.95	6.00	-	-	6.00	
		4TX	5.95	6.00	6.63	7.03	9.44	
	6GHz UNII-5	2TX	5.63	5.23	-	-	5.63	
		4TX	5.63	5.23	7.35	7.46	9.54	
	6GHz UNII-6	2TX	5.57	6.38	-	-	6.38	
		4TX	5.57	6.38	7.90	7.90	10.06	
	6GHz UNII-7	2TX	5.81	6.40	-	-	6.40	
		4TX	5.81	6.40	8.02	8.28	10.26	
3	5GHz UNII-1	2TX	6.05	5.86	-	-	6.05	
		4TX	6.05	5.86	5.52	5.79	8.82	
	5GHz UNII-2A	2TX	6.07	6.07	-	-	6.07	
		4TX	6.07	6.07	5.77	6.22	9.05	
	5GHz UNII-2C	2TX	6.48	6.44	-	-	6.48	
		4TX	6.48	6.44	6.54	6.49	9.50	
	5GHz UNII-3	2TX	6.78	6.46	-	-	6.78	
		4TX	6.78	6.46	6.70	6.61	9.65	

For Antenna Gain above 30 degrees:

Radio	Mode		Max Gain (dBi)				DG (dBi)	Remark
			G1	G2	G3	G4		
2	6G UNII-5	2TX	2.20	0.90	-	-	2.20	Cross-Polarized Antenna
		4TX	2.20	0.90	0.70	-0.10	4.00	
	6G UNII-6	2TX	2.10	1.10	-	-	2.10	
		4TX	2.10	1.10	0.20	-1.30	3.69	
	6G UNII-7	2TX	2.10	0.90	-	-	2.10	
		4TX	2.10	0.90	-0.60	-1.30	3.47	
3	5G UNII-1	2TX	1.80	0.40	-	-	1.80	
		4TX	1.80	0.40	2.20	1.80	4.60	

Note 4: <Scan Radio 0>

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax (2TX/2RX):

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

Port 1~2 could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax (2TX/2RX):

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

Port 1~2 could transmit/receive simultaneously.

For 6GHz function:

For IEEE 802.11 ax (2TX/2RX):

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

Port 1~2 could transmit/receive simultaneously.



<Radio 1>

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax/be (1TX, 2TX, 4TX/4RX):

1TX:

Only Port 1 can be used as transmitting antenna.

2TX:

Both Port 1 and 2 can be used as transmitting antenna.

Port 1~2 could transmit simultaneously.

4TX:

Port 1~4 can be used as transmitting antenna.

Port 1~4 could transmit simultaneously.

4RX:

Port 1~4 can be used as receiving antenna.

Port 1~4 could receive simultaneously.

<Radio 2>

For 5GHz function:

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

1TX:

Only Port 1 can be used as transmitting antenna.

2TX:

Both Port 1 and 2 can be used as transmitting antenna.

Port 1~2 could transmit simultaneously.

4TX:

Port 1~4 can be used as transmitting antenna.

Port 1~4 could transmit simultaneously.

4RX:

Port 1~4 can be used as receiving antenna.

Port 1~4 could receive simultaneously.

For 6GHz function:

For IEEE 802.11 ax/be (1TX, 2TX, 4TX/4RX):

1TX:

Only Port 1 can be used as transmitting antenna.

2TX:

Both Port 1 and 2 can be used as transmitting antenna.

Port 1~2 could transmit simultaneously.

4TX:

Port 1~4 can be used as transmitting antenna.

Port 1~4 could transmit simultaneously.

4RX:

Port 1~4 can be used as receiving antenna.

Port 1~4 could receive simultaneously.

**<Radio 3>****For 5GHz function:****For IEEE 802.11 a/n/ac/ax/be (1TX, 2TX, 4TX/4RX):****1TX:**

Only Port 1 can be used as transmitting antenna.

2TX:

Both Port 1 and 2 can be used as transmitting antenna.

Port 1~2 could transmit simultaneously.

4TX:

Port 1~4 can be used as transmitting antenna.

Port 1~4 could transmit simultaneously.

4RX:

Port 1~4 can be used as receiving antenna.

Port 1~4 could receive simultaneously.

<Radio 4>**For Bluetooth function (1TX/1RX):**

Only Port 1 can be used as transmitting/receiving antenna.

For IEEE 802.15.4 function (1TX/1RX):

Only Port 1 can be used as transmitting/receiving antenna.

<Radio 5>**For GPS function (1RX):**

Ant. 12~13 can be used as receiving antenna, but only one of them will be used at one time.

1.3 Table for SW Information

SW	BW of 5GHz Mode (MHz)	6GHz Mode	Support Function
Catalyst	20/40/80/160	Standard Power Access Point.	AP
			CURWB P2MP Master
		-	CURWB P2MP client with radar detection
Meraki	20/40/80	Standard Power Access Point.	AP

Note: The above information was declared by manufacturer.



1.4 Table for Radio Function

Radio (R)	Support Function	WLAN 2.4GHz	WLAN 5GHz		WLAN 6GHz	BT / IEEE 802.15.4	GPS
			UNII 1~2A	UNII 2C~3			
R0 (Scan Radio)	AP	✓	✓	✓	✓	-	-
	CURWB P2MP Master	-	✓	✓	✓	-	-
	CURWB P2MP client with radar detection	-	✓	✓	-	-	-
R1	AP	✓	-	-	-	-	-
R2	AP & CURWB P2MP Master	-	-	✓	✓	-	-
	CURWB P2MP client with radar detection	-	-	✓	-	-	-
R3 (Note 1)	AP, CURWB P2MP Master & CURWB P2MP client with radar detection	-	✓	✓	-	-	-
R4	AP	-	-	-	-	✓	-
R5	AP	-	-	-	-	-	✓

Note 1: Radio 3 supports operation in 5GHz full band (UNII 1~3) or low band (UNII 1~2A).

Note 2: For WLAN 2.4GHz, R0 and R1 can't operate at the same frequency simultaneously.

For WLAN 5GHz, R0, R2 and R3 can't operate at the same frequency simultaneously.

For WLAN 6GHz, R0 and R2 can't operate at the same frequency simultaneously.

Note 3: The above information was declared by manufacturer.

1.5 Accessories

Accessories
M25 cap*4
DC jack cap*1
SMA Sealed cap*1
M25 RJ-45 Cable gland*2
Bracket (Optional)*1

1.6 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 ISCED.



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 58 cm to show compliance with the power density limit.

The following formula was used to calculate the Power Density:

$$E \text{ (V/m)} = \frac{\sqrt{30 \times P \times G}}{d}$$

$$\text{Power Density: } Pd \text{ (W/m}^2\text{)} = \frac{E^2}{377}$$

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

<Radio 0>

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)
2.4G;G1D	6.87	29.11	35.98	0.01	35.99	3.97192	58	0.09396	1.00000
5.2G;D1D	6.49	26.33	32.82	0.50	33.32	2.14783	58	0.05081	1.00000
5.3G;D1D	7.06	22.42	29.48	0.49	29.97	0.99312	58	0.02349	1.00000
5.6G;D1D	6.94	22.80	29.74	0.23	29.97	0.99312	58	0.02349	1.00000
5.8G;D1D	7.53	28.41	35.94	0.05	35.99	3.97192	58	0.09396	1.00000
6.2G;D1D	7.74	28.17	35.91	0.08	35.99	3.97192	58	0.09396	1.00000
6.7G;D1D	9.56	26.40	35.96	0.03	35.99	3.97192	58	0.09396	1.00000

<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)
2.4G;D1D	7.82	28.15	35.97	0.02	35.99	3.97192	58	0.09396	1.00000

<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)
5.6G;D1D	6.79	23.15	29.94	0.03	29.97	0.99312	58	0.02349	1.00000
5.8G;D1D	9.44	26.54	35.98	0.01	35.99	3.97192	58	0.09396	1.00000
6.2G;D1D	-	-	34.30	0.50	34.80	3.01995	58	0.07144	1.00000
6.7G;D1D	-	-	34.57	0.50	35.07	3.21366	58	0.07602	1.00000

<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)
5.2G;D1D	8.82	26.77	35.59	0.40	35.99	3.97192	58	0.09396	1.00000
5.3G;D1D	6.07	23.87	29.94	0.03	29.97	0.99312	58	0.02349	1.00000
5.6G;D1D	6.48	23.48	29.96	0.01	29.97	0.99312	58	0.02349	1.00000
5.8G;D1D	9.65	26.33	35.98	0.01	35.99	3.97192	58	0.09396	1.00000

<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)
2.4G;BT-LE	3.40	19.24	22.64	0.50	23.14	0.20606	58	0.00487	1.00000
2.4G;G1D (802.15.4)	3.40	19.33	22.73	0.50	23.23	0.21038	58	0.00498	1.00000

**Simultaneous Transmission Analysis Mode:****Mode 1: R0: 2.4GHz + R1: 2.4GHz + R2: 6GHz + R3: 5GHz UNII 1~3 + R4: BT**

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	6.87	29.11	35.98	0.01	35.99	3.97192	58	0.09396	1.00000	0.09396
2.4G;D1D	7.82	28.15	35.97	0.02	35.99	3.97192	58	0.09396	1.00000	0.09396
6.7G;D1D	-	-	34.85	0.50	35.35	3.42768	58	0.08108	1.00000	0.08108
5.8G;D1D	9.65	26.33	35.98	0.01	35.99	3.97192	58	0.09396	1.00000	0.09396
2.4G;BT-LE	3.40	19.24	22.64	0.50	23.14	0.20606	58	0.00487	1.00000	0.00487
									Sum Ratio	0.36783
									Ratio Limit	1

Mode 2: R0: 2.4GHz + R1: 2.4GHz + R2: 6GHz + R3: 5GHz UNII 1~3 + R4: 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;G1D	6.87	29.11	35.98	0.01	35.99	3.97192	58	0.09396	1.00000	0.09396
2.4G;D1D	7.82	28.15	35.97	0.02	35.99	3.97192	58	0.09396	1.00000	0.09396
6.7G;D1D	-	-	34.85	0.50	35.35	3.42768	58	0.08108	1.00000	0.08108
5.8G;D1D	9.65	26.33	35.98	0.01	35.99	3.97192	58	0.09396	1.00000	0.09396
2.4G;G1D (802.15.4)	3.40	19.33	22.73	0.50	23.23	0.21038	58	0.00498	1.00000	0.00498
									Sum Ratio	0.36794
									Ratio Limit	1

Mode 3: R0: 5GHz + R1: 2.4GHz + R2: 6GHz + R3: 5GHz UNII 1~3 + R4: BT

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)
5.8G;D1D	7.53	28.41	35.94	0.05	35.99	3.97192	58	0.09396	1.00000	0.09396
2.4G;D1D	7.82	28.15	35.97	0.02	35.99	3.97192	58	0.09396	1.00000	0.09396
6.7G;D1D	-	-	34.85	0.50	35.35	3.42768	58	0.08108	1.00000	0.08108
5.8G;D1D	9.65	26.33	35.98	0.01	35.99	3.97192	58	0.09396	1.00000	0.09396
2.4G;BT-LE	3.40	19.24	22.64	0.50	23.14	0.20606	58	0.00487	1.00000	0.00487
									Sum Ratio	0.36783
									Ratio Limit	1

**Mode 4: R0: 5GHz + R1: 2.4GHz + R2: 6GHz + R3: 5GHz UNII 1~3 + R4: 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)
5.8G;D1D	7.53	28.41	35.94	0.05	35.99	3.97192	58	0.09396	1.00000	0.09396
2.4G;D1D	7.82	28.15	35.97	0.02	35.99	3.97192	58	0.09396	1.00000	0.09396
6.7G;D1D	-	-	34.85	0.50	35.35	3.42768	58	0.08108	1.00000	0.08108
5.8G;D1D	9.65	26.33	35.98	0.01	35.99	3.97192	58	0.09396	1.00000	0.09396
2.4G;G1D (802.15.4)	3.40	19.33	22.73	0.50	23.23	0.21038	58	0.00498	1.00000	0.00498
									Sum Ratio	0.36794
									Ratio Limit	1

Mode 5: R0: 6GHz + R1: 2.4GHz + R2: 6GHz + R3: 5GHz UNII 1~3 + R4: BT

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	9.56	26.40	35.96	0.03	35.99	3.97192	58	0.09396	1.00000	0.09396
2.4G;D1D	7.82	28.15	35.97	0.02	35.99	3.97192	58	0.09396	1.00000	0.09396
6.7G;D1D	-	-	34.85	0.50	35.35	3.42768	58	0.08108	1.00000	0.08108
5.8G;D1D	9.65	26.33	35.98	0.01	35.99	3.97192	58	0.09396	1.00000	0.09396
2.4G;BT-LE	3.40	19.24	22.64	0.50	23.14	0.20606	58	0.00487	1.00000	0.00487
									Sum Ratio	0.36783
									Ratio Limit	1

Mode 6: R0: 6GHz + R1: 2.4GHz + R2: 6GHz + R3: 5GHz UNII 1~3 + R4: 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)
6.2G;D1D	9.56	26.40	35.96	0.03	35.99	3.97192	58	0.09396	1.00000	0.09396
2.4G;D1D	7.82	28.15	35.97	0.02	35.99	3.97192	58	0.09396	1.00000	0.09396
6.7G;D1D	-	-	34.85	0.50	35.35	3.42768	58	0.08108	1.00000	0.08108
5.8G;D1D	9.65	26.33	35.98	0.01	35.99	3.97192	58	0.09396	1.00000	0.09396
2.4G;G1D (802.15.4)	3.40	19.33	22.73	0.50	23.23	0.21038	58	0.00498	1.00000	0.00498
									Sum Ratio	0.36794
									Ratio Limit	1

**Mode 7: R0: 2.4GHz + R1: 2.4GHz + R2: 5GHz + R3: 5GHz UNII 1~2A + R4: BT**

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	6.87	29.11	35.98	0.01	35.99	3.97192	58	0.09396	1.00000	0.09396
2.4G;D1D	7.82	28.15	35.97	0.02	35.99	3.97192	58	0.09396	1.00000	0.09396
5.8G;D1D	9.44	26.54	35.98	0.01	35.99	3.97192	58	0.09396	1.00000	0.09396
5.2G;D1D	8.82	26.77	35.59	0.40	35.99	3.97192	58	0.09396	1.00000	0.09396
2.4G;BT-LE	3.40	19.24	22.64	0.50	23.14	0.20606	58	0.00487	1.00000	0.00487
									Sum Ratio	0.38071
									Ratio Limit	1

Mode 8: R0: 2.4GHz + R1: 2.4GHz + R2: 5GHz + R3: 5GHz UNII 1~2A + R4: 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;G1D	6.87	29.11	35.98	0.01	35.99	3.97192	58	0.09396	1.00000	0.09396
2.4G;D1D	7.82	28.15	35.97	0.02	35.99	3.97192	58	0.09396	1.00000	0.09396
5.8G;D1D	9.44	26.54	35.98	0.01	35.99	3.97192	58	0.09396	1.00000	0.09396
5.2G;D1D	8.82	26.77	35.59	0.40	35.99	3.97192	58	0.09396	1.00000	0.09396
2.4G;G1D (802.15.4)	3.40	19.33	22.73	0.50	23.23	0.21038	58	0.00498	1.00000	0.00498
									Sum Ratio	0.38082
									Ratio Limit	1

Mode 9: R0: 5GHz + R1: 2.4GHz + R2: 5GHz + R3: 5GHz UNII 1~2A + R4: BT

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)
5.8G;D1D	7.53	28.41	35.94	0.05	35.99	3.97192	58	0.09396	1.00000	0.09396
2.4G;D1D	7.82	28.15	35.97	0.02	35.99	3.97192	58	0.09396	1.00000	0.09396
5.8G;D1D	9.44	26.54	35.98	0.01	35.99	3.97192	58	0.09396	1.00000	0.09396
5.2G;D1D	8.82	26.77	35.59	0.40	35.99	3.97192	58	0.09396	1.00000	0.09396
2.4G;BT-LE	3.40	19.24	22.64	0.50	23.14	0.20606	58	0.00487	1.00000	0.00487
									Sum Ratio	0.38071
									Ratio Limit	1

**Mode 10: R0: 5GHz + R1: 2.4GHz + R2: 5GHz + R3: 5GHz UNII 1~2A + R4: 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)
5.8G;D1D	7.53	28.41	35.94	0.05	35.99	3.97192	58	0.09396	1.00000	0.09396
2.4G;D1D	7.82	28.15	35.97	0.02	35.99	3.97192	58	0.09396	1.00000	0.09396
5.8G;D1D	9.44	26.54	35.98	0.01	35.99	3.97192	58	0.09396	1.00000	0.09396
5.2G;D1D	8.82	26.77	35.59	0.40	35.99	3.97192	58	0.09396	1.00000	0.09396
2.4G;G1D (802.15.4)	3.40	19.33	22.73	0.50	23.23	0.21038	58	0.00498	1.00000	0.00498
									Sum Ratio	0.38082
									Ratio Limit	1

Mode 11: R0: 6GHz + R1: 2.4GHz + R2: 5GHz + R3: 5GHz UNII 1~2A + R4: BT

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	9.56	26.40	35.96	0.03	35.99	3.97192	58	0.09396	1.00000	0.09396
2.4G;D1D	7.82	28.15	35.97	0.02	35.99	3.97192	58	0.09396	1.00000	0.09396
5.8G;D1D	9.44	26.54	35.98	0.01	35.99	3.97192	58	0.09396	1.00000	0.09396
5.2G;D1D	8.82	26.77	35.59	0.40	35.99	3.97192	58	0.09396	1.00000	0.09396
2.4G;BT-LE	3.40	19.24	22.64	0.50	23.14	0.20606	58	0.00487	1.00000	0.00487
									Sum Ratio	0.38071
									Ratio Limit	1

Mode 12: R0: 6GHz + R1: 2.4GHz + R2: 5GHz + R3: 5GHz UNII 1~2A + R4: 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	9.56	26.40	35.96	0.03	35.99	3.97192	58	0.09396	1.00000	0.09396
2.4G;D1D	7.82	28.15	35.97	0.02	35.99	3.97192	58	0.09396	1.00000	0.09396
5.8G;D1D	9.44	26.54	35.98	0.01	35.99	3.97192	58	0.09396	1.00000	0.09396
5.2G;D1D	8.82	26.77	35.59	0.40	35.99	3.97192	58	0.09396	1.00000	0.09396
2.4G;G1D (802.15.4)	3.40	19.33	22.73	0.50	23.23	0.21038	58	0.00498	1.00000	0.00498
									Sum Ratio	0.38082
									Ratio Limit	1

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