



# FCC RADIO EXPOSURE TEST REPORT

FCC ID : Z8H89FT0016

Equipment : 5GHz Force 300-16

Brand Name : Cambium Networks

: 5GHz Force 300-16 Model Name

: Cambium Networks Inc. Applicant

3800 Golf Road, Suite 360 Rolling Meadows, IL.

60008, USA

Manufacturer : Cambium Networks Inc.

3800 Golf Road, Suite 360 Rolling Meadows, IL

60008, USA

: 47 CFR Part 2.1091 Standard

The product was received on Mar. 15, 2018, and testing was started from Mar. 15, 2018 and completed on Nov. 30, 2018. We, SPORTON INTERTIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in 47 CFR Part 2.1091, KDB447498 D01 General RF Exposure Guidance v06 and shown compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

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

SPORTON INTERTIONAL INC. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)

TEL: 886-3-656-9065

FAX: 886-3-656-9085

Report Template No.: CB Ver1.0

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: Nov. 30, 2018

Report Version : 02

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# History of this test report

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Report No.	Version	Description	Issued Date
FA7O2407-04	01	Initial issue of report	Aug. 06, 2018
FA7O2407-04	02	<ol> <li>Changing the EUT model name to 5GHz Force 300-16.</li> <li>Changing the approval to full modular approval from end product approval.</li> </ol>	Nov. 30, 2018

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## **Summary of Test Result**

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

#### **Declaration of Conformity:**

The judgment of conformity in the report is based on the measurement results excluding the measurement uncertainty.

#### **Comments and Explanations:**

None

Reviewed by: Sam Chen

Report Producer: Wendy Pan

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## 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	802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM)							
5GHz WLAN	5150-5250 5725-5850	5180-5240 5745-5825	802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM)							

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## 1.2 Testing Location

	Testing Location										
	HWA YA	ADD	:	No. 52, Hwa Ya 1st Rd., Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.							
		TEL	:	886-3-327-3456 FAX : 886-3-327-0973							
$\boxtimes$	JHUBEI	ADD	:	No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.							
		TEL	:	886-3-656-9065 FAX : 886-3-656-9085							

Test site Designation No. TW0006 with FCC.

Test site registered number IC 4086D with Industry Canada.

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### 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/ cm²)	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)*	6
30-300	61.4	0.163	1.0	6
300-1500			F/300	6
1500-100,000			5	6

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(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/ cm²)	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)*	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 73 cm to show compliance with the power density limit.

The following formula was used to calculate the Power Density:

E (V/m) = 
$$\frac{\sqrt{30 \times P \times G}}{d}$$
 Power Density:  $Pd$  (W/m²) =  $\frac{E^2}{377}$ 

**E** = Electric field (V/m)

**P** = RF output power (W)

**G** = EUT Antenna numeric gain (numeric)

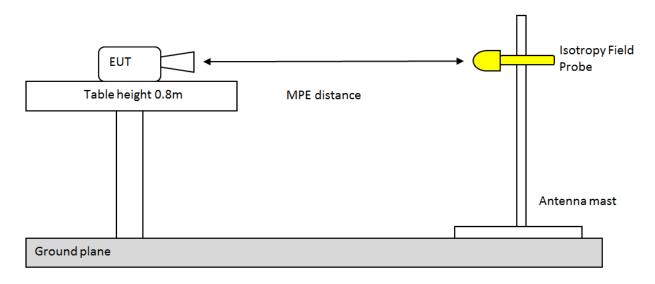
**d** = Separation distance between radiator and human body (m)

The formula can be changed to

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

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#### 2.3 MPE Measurement Method



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#### **Horizontal Plane**

- 1. Align Probe with antenna axis. Probe should same height as Antenna axis.
  - And take power density measurement with Probe.
- 2. Rotate table 45 degree (30 degree if MPE distance is more 60cm).
  - Take power density measurement again.
- 3. Repeat step 2, until complete 360 degree.
  - Each measured power density should be less than MPE limit.

#### **Vertical Plane**

1. Align Probe with antenna axis. Move probe to height of 10cm above ground plane.

Take power density measurement.

Then repeat measure with 10cm increment of probe height until 180 cm.

- 2. Rotate table 45 degree (30 degree if MPE distance is more 60cm).
  - Repeat the power density measure from 10cm to 180cm
- 3. Repeat step 2, until complete 360 degree.

Spatial Average of same vertical plane should be less then MPE limit.

For Probe or measurement equipment requirement, please see FCC OET Bulletin 65 97-01 Note:

Either peak or spatially averaged results may be applied to determine compliance; and with respect to plane-wave equivalent power density limits when  $\geq$  300 MHz, and electric and magnetic field strength limits when  $\leq$  300 MHz.

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### 2.4 Measurement Result and Limit

#### For 5.8G;D1D (Ant.2)

For 5.8G;DTD (An	,	Toot		MDE				
Test Mode	VHT20	Test	5745	MPE	73	Power	2	n
rest wode	VH120	Frequency (MHz)	5745	Distance	13	Setting	2	9
FUT Diama		(IVITIZ)		(cm)				
EUT Plane	- 1=0	.=0		Horiz				
	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°
Probe height (cm) \	Max PSD	Max PSD	Max PSD	Max PSD	Max PSD	Max PSD	Max PSD	Max PSD
Deg	(mW/cm²)	(mW/cm²)	(mW/cm²)	(mW/cm²)	(mW/cm²)	(mW/cm²)	(mW/cm²)	(mW/cm²)
	, í						` ,	
187	0.87485	0.03444	0.00453	0.00109	0.00155	0.00464	0.02667	0.86476
Max PSD (mW/cm²)				0.87	485			
MPE Limit (mW/cm²)				1				
EUT Plane				Vert	tical			
	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°
Probe height (cm) \	Marri DOD	Mara DOD	Marri DOD	M DOD	M DOD	M DOD	Marri DOD	Marri DOD
Deg	Max PSD	Max PSD	Max PSD	Max PSD	Max PSD	Max PSD	Max PSD	Max PSD
	(mW/cm²)	(mW/cm²)	(mW/cm²)	(mW/cm²)	(mW/cm²)	(mW/cm²)	(mW/cm²)	(mW/cm²)
10	0.00462	0.00561	0.00075	0.00194	0.00286	0.00127	0.00161	0.04389
20	0.04849	0.00641	0.00095	0.00199	0.00171	0.00076	0.00214	0.04744
30	0.00984	0.00564	0.00113	0.00231	0.00231	0.00142	0.00286	0.01051
40	0.03951	0.00369	0.00136	0.00226	0.00194	0.00105	0.00198	0.03902
50	0.08636	0.00491	0.03410	0.00124	0.00132	0.00331	0.00493	0.06441
60	0.55698	0.00569	0.00495	0.00146	0.00145	0.00712	0.00948	0.46701
70	0.80726	0.01024	0.00791	0.00144	0.00109	0.00477	0.01542	0.68751
80	0.81898	0.01114	0.00768	0.00145	0.00128	0.00671	0.01643	0.77271
90	0.42573	0.00645	0.00338	0.00171	0.00131	0.00392	0.01044	0.34165
100	0.14579	0.00382	0.00381	0.00131	0.00128	0.00231	0.00475	0.12984
110	0.01840	0.00184	0.00205	0.00137	0.00139	0.00902	0.00255	0.01849
120	0.00252	0.00201	0.00072	0.00185	0.00211	0.00055	0.00117	0.00288
130	0.00379	0.00165	0.00067	0.00195	0.00206	0.00039	0.00108	0.00261
140	0.01388	0.00237	0.00084	0.00138	0.00135	0.00044	0.00107	0.01269
150	0.01403	0.00214	0.00072	0.00141	0.00143	0.00054	0.00081	0.01434
160	0.02043	0.00210	0.00210	0.00097	0.00082	0.00056	0.00110	0.01936
170	0.01349	0.00169	0.00059	0.00087	0.00081	0.00076	0.00910	0.01304
180	0.01434	0.00099	0.00099	0.00084	0.00065	0.00500	0.00096	0.01296
Spatial Average	0.160135550	0.004255	0.00445	0.001541607	0.001500444	0.00277000	0.004883333	0.15000
(mW/cm²)	0.169135556	0.004355	0.00415	0.001541667	0.001509444	0.002772222	0.004882222	0.15002
Max Spatial Average				0.16	:014			
(mW/cm²)				U.10	14 E			
MPE Limit (mW/cm²)				1	<u> </u>			

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Test Mode	VHT20	Test Frequency (MHz)	5785	MPE Distance (cm)	73	Power Setting	2	9
EUT Plane		, ,	I .	Horiz	ontal		l	
	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°
Probe height (cm) \ Deg	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)
186	0.98786	0.02464	0.00351	0.00122	0.00109	0.00567	0.02826	0.96629
Max PSD (mW/cm²)				0.98	786			
MPE Limit (mW/cm²)				1				
EUT Plane				Vert	ical			
	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°
Probe height (cm) \ Deg	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)
10	0.01918	0.00436	0.00059	0.00201	0.00259	0.00169	0.00288	0.02113
20	0.02509	0.00959	0.00092	0.00248	0.00258	0.00134	0.00367	0.02594
30	0.01262	0.00751	0.00106	0.00186	0.00118	0.00177	0.00425	0.01314
40	0.08391	0.00291	0.00171	0.00302	0.00302	0.0013	0.00232	0.07663
50	0.10151	0.00496	0.00412	0.00164	0.00174	0.00655	0.00744	0.10589
60	0.59442	0.00754	0.00559	0.0016	0.00141	0.00747	0.01207	0.6531
70	0.89654	0.01504	0.01038	0.00184	0.00858	0.00858	0.01981	0.86047
80	0.8244	0.01514	0.01021	0.0018	0.00186	0.00742	0.01963	0.80262
90	0.36411	0.00587	0.00375	0.00171	0.00128	0.00167	0.01191	0.35489
100	0.18441	0.00561	0.00572	0.00147	0.00102	0.00278	0.00762	0.1249
110	0.02404	0.00235	0.00215	0.00134	0.00139	0.00143	0.00294	0.02431
120	0.00234	0.00192	0.00101	0.00193	0.00183	0.00053	0.00101	0.00319
130	0.00426	0.00196	0.00068	0.00252	0.00249	0.00247	0.00138	0.00442
140	0.02107	0.00268	0.00054	0.00162	0.00084	0.0042	0.00134	0.02012
150	0.02078	0.00124	0.00131	0.00169	0.00168	0.00063	0.00115	0.02084
160	0.02649	0.00303	0.00067	0.00129	0.00137	0.00082	0.00319	0.002701
170	0.01441	0.00241	0.00046	0.00059	0.00063	0.00052	0.00239	0.01537
180	0.01658	0.00178	0.00107	0.00119	0.00072	0.00064	0.00141	0.01738
Spatial Average (mW/cm²)	0.179786667	0.005327778	0.002885556	0.001755556	0.002011667	0.002878333	0.005911667	0.1748355
Max Spatial Average (mW/cm²)				0.17	979			
MPE Limit (mW/cm²)				1				

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Test Mode	VHT20	Test Frequency (MHz)	5825	MPE Distance (cm)	73	Power Setting	2	9
EUT Plane		Horizontal						
	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°
Probe height (cm) \ Deg	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)
186	0.79374	0.02509	0.00331	0.00067	0.00101	0.00406	0.02476	0.76046
Max PSD (mW/cm²)				0.79	374			
MPE Limit (mW/cm²)				1				
EUT Plane				Vert	tical			
	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°
Probe height (cm) \ Deg	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)
10	0.03594	0.00856	0.00093	0.00244	0.00183	0.00178	0.00364	0.03681
20	0.01714	0.00181	0.00049	0.00225	0.00162	0.00132	0.00129	0.01809
30	0.01132	0.00341	0.00171	0.00209	0.00171	0.00221	0.00161	0.01033
40	0.00675	0.00258	0.00174	0.00127	0.00122	0.00217	0.00231	0.00907
50	0.12989	0.00393	0.00178	0.00282	0.00228	0.00339	0.00431	0.12068
60	0.16093	0.00674	0.00361	0.00144	0.00184	0.00561	0.01119	0.19636
70	0.41557	0.00804	0.00445	0.00159	0.00138	0.00486	0.01515	0.42427
80	0.53485	0.00799	0.00364	0.00199	0.00187	0.00461	0.01606	0.54852
90	0.44312	0.00873	0.00579	0.00129	0.00102	0.00423	0.01402	0.46448
100	0.19341	0.00389	0.00171	0.00099	0.00098	0.00168	0.00842	0.25251
110	0.10587	0.00212	0.00133	0.00124	0.00113	0.00218	0.00613	0.12041
120	0.02659	0.00192	0.00058	0.00132	0.00133	0.00094	0.00248	0.02966
130	0.00545	0.00195	0.00103	0.00138	0.00114	0.00048	0.00121	0.00505
140	0.01474	0.00191	0.00096	0.00102	0.00081	0.00058	0.00081	0.01448
150	0.01217	0.00172	0.00104	0.00258	0.00225	0.00049	0.00154	0.01102
160	0.01867	0.00161	0.00063	0.00076	0.00075	0.00064	0.00083	0.01868
170	0.01109	0.00251	0.00052	0.00093	0.00089	0.00066	0.00176	0.01178
180	0.02173	0.00173	0.00109	0.00076	0.00057	0.00063	0.00144	0.02016
Spatial Average (mW/cm²)	0.120290556	0.003952778	0.001834778	0.001564444	0.001367778	0.002136667	0.005233333	0.128464444
Max Spatial Average (mW/cm²)		0.12846						
MPE Limit (mW/cm²)				1	<u> </u>			

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Test Mode	VHT40	Test Frequency (MHz)	5755	MPE Distance (cm)	73	Power Setting	2	4	
EUT Plane		Horizontal							
	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°	
Probe height (cm) \ Deg	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	
187	0.80923	0.02113	0.00329	0.00098	0.00073	0.00314	0.01972	0.78329	
Max PSD (mW/cm²)				0.80	923				
MPE Limit (mW/cm²)				1					
EUT Plane				Vert	ical				
	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°	
Probe height (cm) \ Deg	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	
10	0.06044	0.00413	0.00074	0.00156	0.00165	0.00111	0.00281	0.06492	
20	0.02249	0.00404	0.00103	0.00119	0.00064	0.00121	0.00213	0.02178	
30	0.00793	0.00245	0.00076	0.00212	0.00129	0.00152	0.00158	0.00796	
40	0.00525	0.00234	0.00231	0.00122	0.00079	0.00129	0.00192	0.00721	
50	0.12521	0.00341	0.00172	0.00163	0.00094	0.00279	0.00344	0.11015	
60	0.20234	0.00584	0.00404	0.00107	0.00111	0.00398	0.00771	0.17925	
70	0.35205	0.00645	0.00342	0.00122	0.00107	0.00416	0.01075	0.31369	
80	0.47344	0.00684	0.00469	0.00105	0.00098	0.00421	0.01073	0.47987	
90	0.52326	0.00724	0.00452	0.00115	0.00086	0.00531	0.01125	0.58562	
100	0.19991	0.00262	0.00132	0.00084	0.00088	0.00203	0.00701	0.17456	
110	0.06172	0.00139	0.00077	0.00092	0.00092	0.00135	0.00341	0.06286	
120	0.01491	0.00131	0.00061	0.00113	0.00106	0.00051	0.00169	0.01448	
130	0.00369	0.00131	0.00051	0.00087	0.00088	0.00038	0.00094	0.00357	
140	0.00231	0.00116	0.00045	0.00102	0.00116	0.00041	0.00081	0.00242	
150	0.00991	0.00191	0.00046	0.00111	0.00074	0.00033	0.00101	0.00921	
160	0.01219	0.00142	0.00058	0.00064	0.00052	0.00037	0.00065	0.01199	
170	0.01575	0.00193	0.00038	0.00096	0.00067	0.00044	0.00102	0.01661	
180	0.00922	0.00203	0.00042	0.00086	0.00083	0.00067	0.00103	0.00941	
Spatial Average (mW/cm²)	0.116778889	0.003212222	0.001596111	0.001142222	0.000943889	0.001781667	0.003882778	0.115308889	
Max Spatial Average (mW/cm²)		0.11678							
MPE Limit (mW/cm²)				1					

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Test Mode	VHT40	Test Frequency (MHz)	5795	MPE Distance (cm)	73	Power Setting	2	4
EUT Plane		Horizontal						
	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°
Probe height (cm) \ Deg	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)
187	0.87883	0.00201	0.00388	0.00098	0.00134	0.01034	0.02205	0.87351
Max PSD (mW/cm²)				0.87	883			
MPE Limit (mW/cm²)				1				
EUT Plane				Vert	tical			
	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°
Probe height (cm) \ Deg	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)	Max PSD (mW/cm²)
10	0.02851	0.00539	0.00081	0.00206	0.00259	0.00128	0.00274	0.02881
20	0.01009	0.00531	0.00112	0.00121	0.00094	0.00147	0.00263	0.01011
30	0.02068	0.00262	0.00141	0.00285	0.00235	0.00129	0.00179	0.02049
40	0.01032	0.00252	0.00206	0.00132	0.00116	0.00145	0.00365	0.01068
50	0.18807	0.00413	0.00150	0.00171	0.00162	0.00311	0.00465	0.18804
60	0.35002	0.00841	0.00443	0.00136	0.00124	0.00597	0.01274	0.30097
70	0.49222	0.00703	0.00402	0.00169	0.00186	0.00554	0.01259	0.41012
80	0.54019	0.00816	0.00444	0.00149	0.00182	0.00426	0.01151	0.52173
90	0.43811	0.00789	0.00550	0.00091	0.00117	0.00636	0.01136	0.42542
100	0.13903	0.00236	0.00199	0.00095	0.00092	0.00226	0.00496	0.13399
110	0.03494	0.00151	0.00062	0.00091	0.00072	0.00142	0.00324	0.03531
120	0.00835	0.00152	0.00061	0.00124	0.00112	0.00065	0.00125	0.00834
130	0.00505	0.00145	0.00067	0.00107	0.00105	0.00037	0.00075	0.00476
140	0.00772	0.00148	0.00046	0.00097	0.00096	0.00042	0.00052	0.00745
150	0.01452	0.00248	0.00044	0.00129	0.00131	0.00039	0.00126	0.01206
160	0.01389	0.00215	0.00052	0.00057	0.00054	0.00051	0.00066	0.01396
170	0.01407	0.00208	0.00047	0.00132	0.00127	0.00049	0.00111	0.01301
180	0.01075	0.00222	0.00044	0.00064	0.00064	0.00057	0.00081	0.01023
Spatial Average (mW/cm²)	0.129251667	0.003817222	0.001750556	0.001308889	0.001293333	0.002100556	0.004345556	0.119748889
Max Spatial Average (mW/cm²)				0.12	925			
MPE Limit (mW/cm²)				1	1			

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## 2.5 List of Measuring Equipments

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark	
Isotropic Probe	ETS-LINDGREN	HI-6105	00130664	100kHz-6GHz	Nov. 15, 2017	Nov. 14, 2018	03CH01-CB	

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Note: Calibration Interval of instrument listed above is one year.

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### 2.6 Calculated Result and Limit

### **Exposure Environment: General Population / Uncontrolled Exposure**

Mode	DG (dBi)	Power (dBm)	EIRP (dBm)	Tolerance (dB)	Tune-up EIRP (dBm)	Tune-up EIRP (W)	Distance (cm)	S (mW/cm²)	S Limit (mW/cm²)
2.4G;D1D (Ant.1)	6.00	18.45	24.45	0.50	24.95	0.31261	73	0.00469	1.00000
5.2G;D1D (Ant.2)	16.00	13.33	29.33	0.50	29.83	0.96161	73	0.01436	1.00000
5.8G;D1D (Ant.2)	16.00	29.00	45.00	0.50	45.50	35.48134	73	0.98786	1.00000
5.2G;D1D (Ant.3)	2.00	28.31	30.31	0.50	30.81	1.20504	73	0.01799	1.00000
5.8G;D1D (Ant.3)	2.00	29.19	31.19	0.50	31.69	1.47571	73	0.02204	1.00000

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#### Simultaneous Transmission Analysis Mode: WLAN 2.4GHz+WLAN 5GHz

Mode	DG (dBi)	Power (dBm)	EIRP (dBm)	Tolerance (dB)	Tune-up EIRP (dBm)	Tune-up EIRP (W)	Distance (cm)	S (mW/cm²)	S Limit (mW/cm²)	Ratio (S/Limit)
2.4G;G1D (Ant.1)	6.00	18.45	24.45	0.50	24.95	0.31261	73	0.00469	1	0.00469
5.8G;D1D (Ant.2)	16.00	29.00	45.00	0.50	45.50	35.48134	73	0.98786	1	0.98786
									Sum Ratio	0.99255
									Ratio Limit	1

Mode	DG (dBi)	Power (dBm)	EIRP (dBm)	Tolerance (dB)	Tune-up EIRP (dBm)	Tune-up EIRP (W)	Distance (cm)	S (mW/cm²)	S Limit (mW/cm²)	Ratio (S/Limit)
2.4G;G1D (Ant.1)	6.00	18.45	24.45	0.50	24.95	0.31261	73	0.00469	1	0.00469
5.8G;D1D (Ant.3)	2.00	29.19	31.19	0.50	31.69	1.47571	73	0.02204	1	0.02204
									Sum Ratio	0.02673
									Ratio Limit	1

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