



RF Exposure Evaluation Report

Equipment : IsoStation M5
Brand Name : UBIQUITI
Model No. : IS-M5
FCC ID : SWX-ISM5
Standard : 47 CFR Part 2.1091
Applicant / : Ubiquiti Networks, Inc.
Manufacturer : 2580 Orchard Parkway San Jose, CA 95131

The product sample received on Jan. 23, 2017 and completely tested on Jan. 23, 2017. We, SPORTON, would like to declare that the tested sample has been evaluated in accordance with 47 CFR Part 2.1091, and pass the limit.

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Jordan Hsiao / Manager





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PHOTOGRAPHS OF EUT V01



1 General Description

1.1 EUT General Information

RF General Information			
Evaluation Mode	Frequency Range (MHz)	Operating Frequency (MHz)	Modulation Type
5GHz WLAN	5150-5250 5725-5850	5180-5240 5745-5825	802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM)

1.2 Testing Location

Testing Location		
<input checked="" type="checkbox"/>	HWA YA	ADD : No. 52, Hwa Ya 1st Rd., Kwei-Shan District, Tao Yuan City, Taiwan, R.O.C. TEL : 886-3-327-3456 FAX : 886-3-327-0973
<input type="checkbox"/>	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

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)*	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)*	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:

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

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

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



2.3 Calculated Result and Limit

Exposure Environment: General Population / Uncontrolled Exposure

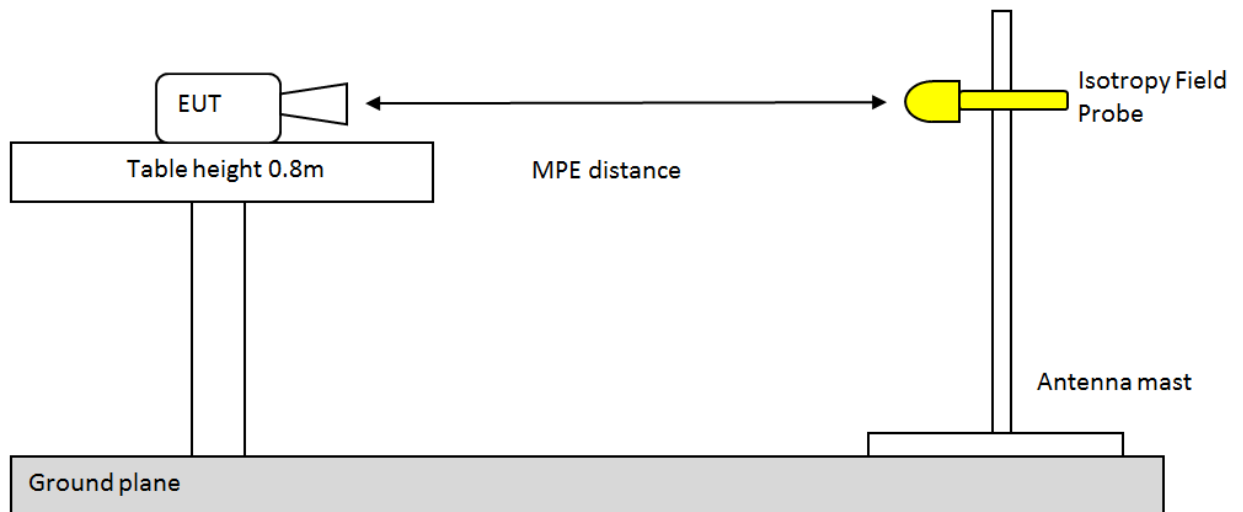
P to M

Mode	DG (dBi)	Power (dBm)	EIRP (dBm)	EIRP (W)	Distance (cm)	S (mW/cm ²)	S Limit (mW/cm ²)
5.2G;D1D	14.00	6.99	20.99	0.12560	40	0.00625	1.00000
5.8G;D1D	14.00	21.99	35.99	3.97191	40	0.19755	1.00000

P to P

Mode	DG (dBi)	Power (dBm)	EIRP (dBm)	EIRP (W)	Distance (cm)	S (mW/cm ²)	S Limit (mW/cm ²)
5.2G;D1D	14.00	24.03	38.03	6.35331	40	0.31599	1.00000
5.8G;D1D	14.00	26.86	40.86	12.18990	40	0.60628	1.00000

2.4 MPE Measurement Method



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 ≥ 300 MHz, and electric and magnetic field strength limits when < 300 MHz.



2.5 Measurement Result and Limit

Test Mode	HT10	Test Frequency (MHz)			5245			MPE Distance (cm)	40
EUT Plane	Horizontal								
Probe height (cm) \ Deg	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°	
	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)	
72	0.75863	0.04025	0.00039	0.00047	0.00031	0.00023	0.02872	0.74638	
Max PSD (mW/cm²)	0.75863								
MPE Limit (mW/cm²)	1								
EUT Plane	Vertical								
Probe height (cm) \ Deg	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°	
	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	0.00066	0.00029	0.00014	0.00022	0.00009	0.00023	0.00015	0.00100	
20	0.00106	0.00044	0.00029	0.00018	0.00023	0.00028	0.00038	0.00088	
30	0.00039	0.00044	0.00036	0.00027	0.00018	0.00048	0.00032	0.00042	
40	0.00023	0.00053	0.00039	0.00006	0.00032	0.00025	0.00061	0.00051	
50	0.00068	0.00035	0.00050	0.00004	0.00032	0.00041	0.00018	0.00055	
60	0.00044	0.00031	0.00035	0.00029	0.00039	0.00046	0.00043	0.00140	
70	0.00191	0.00069	0.00023	0.00028	0.00014	0.00035	0.00087	0.00297	
80	0.05425	0.00064	0.00025	0.00018	0.00007	0.00051	0.00146	0.05524	
90	0.19359	0.00149	0.00044	0.00012	0.00021	0.00105	0.00170	0.19241	
100	0.02691	0.00119	0.00038	0.00007	0.00012	0.00121	0.00205	0.02808	
110	0.00212	0.00060	0.00045	0.00020	0.00003	0.00089	0.00084	0.00220	
120	0.00292	0.00111	0.00048	0.00016	0.00025	0.00029	0.00090	0.00335	
130	0.00036	0.00076	0.00047	0.00029	0.00022	0.00032	0.00059	0.00063	
140	0.00060	0.00061	0.00021	0.00014	0.00010	0.00015	0.00047	0.00053	
150	0.00051	0.00035	0.00018	0.00018	0.00039	0.00034	0.00046	0.00048	
160	0.00032	0.00041	0.00032	0.00024	0.00025	0.00019	0.00024	0.00029	
170	0.00033	0.00046	0.00036	0.00001	0.00020	0.00023	0.00020	0.00089	
180	0.00047	0.00013	0.00010	0.00008	0.00006	0.00013	0.00032	0.00023	
Spatial Average (mW/cm²)	0.01599	0.00060	0.00033	0.00017	0.00020	0.00043	0.00068	0.01623	
Max Spatial Average (mW/cm²)	0.01623								
MPE Limit (mW/cm²)	1								



Test Mode	HT20	Test Frequency (MHz)	5200			MPE Distance (cm)	40	
EUT Plane	Horizontal							
Probe height (cm) \ Deg	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°
	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)
73	0.75377	0.04035	0.00039	0.00047	0.00031	0.00023	0.02885	0.73644
Max PSD (mW/cm ²)	0.75377							
MPE Limit (mW/cm ²)	1							
EUT Plane	Vertical							
Probe height (cm) \ Deg	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°
	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)
10	0.00080	0.00018	0.00014	0.00022	0.00015	0.00029	0.00016	0.00101
20	0.00110	0.00047	0.00030	0.00018	0.00013	0.00025	0.00029	0.00096
30	0.00042	0.00046	0.00055	0.00010	0.00034	0.00045	0.00027	0.00045
40	0.00036	0.00059	0.00034	0.00013	0.00032	0.00039	0.00059	0.00061
50	0.00067	0.00032	0.00037	0.00025	0.00040	0.00038	0.00014	0.00051
60	0.00043	0.00031	0.00037	0.00039	0.00046	0.00060	0.00042	0.00033
70	0.00186	0.00073	0.00026	0.00019	0.00009	0.00037	0.00081	0.00197
80	0.05440	0.00062	0.00022	0.00031	0.00018	0.00064	0.00144	0.05523
90	0.19367	0.00149	0.00055	0.00002	0.00008	0.00094	0.00178	0.19243
100	0.02695	0.00126	0.00039	0.00002	0.00008	0.00120	0.00196	0.02799
110	0.00198	0.00066	0.00060	0.00019	0.00019	0.00080	0.00081	0.00217
120	0.00295	0.00114	0.00056	0.00008	0.00028	0.00025	0.00094	0.00340
130	0.00032	0.00091	0.00046	0.00017	0.00015	0.00041	0.00055	0.00057
140	0.00053	0.00063	0.00018	0.00003	0.00011	0.00017	0.00061	0.00059
150	0.00041	0.00033	0.00019	0.00018	0.00048	0.00023	0.00041	0.00043
160	0.00021	0.00043	0.00031	0.00024	0.00022	0.00024	0.00027	0.00027
170	0.00043	0.00039	0.00035	0.00019	0.00010	0.00022	0.00018	0.00048
180	0.00056	0.00017	0.00003	0.00012	0.00015	0.00017	0.00027	0.00034
Spatial Average (mW/cm ²)	0.01600	0.00062	0.00034	0.00017	0.00022	0.00044	0.00066	0.01610
Max Spatial Average (mW/cm ²)	0.01610							
MPE Limit (mW/cm ²)	1							



Test Mode	HT20	Test Frequency (MHz)	5240			MPE Distance (cm)	40	
EUT Plane	Horizontal							
Probe height (cm) \ Deg	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°
	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)
74	0.75288	0.03337	0.00062	0.00031	0.00076	0.00069	0.03448	0.73814
Max PSD (mW/cm ²)	0.75288							
MPE Limit (mW/cm ²)	1							
EUT Plane	Vertical							
Probe height (cm) \ Deg	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°
	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)
10	0.00094	0.00024	0.00021	0.00030	0.00011	0.00028	0.00010	0.00095
20	0.00106	0.00051	0.00028	0.00028	0.00016	0.00021	0.00018	0.00098
30	0.00036	0.00043	0.00068	0.00032	0.00027	0.00042	0.00027	0.00031
40	0.00048	0.00070	0.00039	0.00011	0.00025	0.00033	0.00055	0.00063
50	0.00051	0.00039	0.00038	0.00022	0.00046	0.00035	0.00010	0.00040
60	0.00040	0.00031	0.00042	0.00036	0.00033	0.00060	0.00056	0.00030
70	0.00195	0.00074	0.00030	0.00029	0.00032	0.00039	0.00077	0.00191
80	0.05445	0.00044	0.00033	0.00039	0.00018	0.00075	0.00135	0.05531
90	0.19368	0.00152	0.00055	0.00024	0.00015	0.00094	0.00178	0.19238
100	0.02679	0.00133	0.00034	0.00037	0.00024	0.00117	0.00202	0.02797
110	0.00197	0.00082	0.00043	0.00019	0.00031	0.00081	0.00096	0.00218
120	0.00294	0.00103	0.00048	0.00007	0.00023	0.00016	0.00083	0.00335
130	0.00030	0.00100	0.00050	0.00021	0.00005	0.00051	0.00059	0.00064
140	0.00044	0.00068	0.00013	0.00016	0.00004	0.00022	0.00068	0.00055
150	0.00053	0.00032	0.00016	0.00010	0.00054	0.00025	0.00045	0.00041
160	0.00007	0.00030	0.00027	0.00025	0.00027	0.00018	0.00030	0.00032
170	0.00032	0.00034	0.00038	0.00032	0.00006	0.00019	0.00020	0.00054
180	0.00060	0.00026	0.00011	0.00008	0.00011	0.00021	0.00035	0.00032
Spatial Average (mW/cm ²)	0.01599	0.00063	0.00035	0.00024	0.00023	0.00044	0.00067	0.01608
Max Spatial Average (mW/cm ²)	0.01608							
MPE Limit (mW/cm ²)	1							



Test Mode	HT30	Test Frequency (MHz)	5235			MPE Distance (cm)	40		
EUT Plane	Horizontal								
Probe height (cm) \ Deg	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°	
	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)	
73	0.74318	0.04011	0.00088	0.00027	0.00074	0.00059	0.03583	0.73194	
Max PSD (mW/cm²)	0.74318								
MPE Limit (mW/cm²)	1								
EUT Plane	Vertical								
Probe height (cm) \ Deg	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°	
	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	0.00061	0.00035	0.00002	0.00027	0.00005	0.00019	0.00012	0.00098	
20	0.00117	0.00032	0.00018	0.00022	0.00023	0.00032	0.00041	0.00064	
30	0.00060	0.00052	0.00052	0.00025	0.00023	0.00057	0.00049	0.00043	
40	0.00020	0.00055	0.00050	0.00007	0.00035	0.00037	0.00053	0.00049	
50	0.00076	0.00050	0.00053	0.00010	0.00025	0.00046	0.00004	0.00058	
60	0.00052	0.00031	0.00047	0.00029	0.00034	0.00059	0.00044	0.00037	
70	0.00183	0.00081	0.00032	0.00025	0.00020	0.00028	0.00093	0.00384	
80	0.05427	0.00071	0.00030	0.00018	0.00054	0.00055	0.00154	0.05519	
90	0.19357	0.00145	0.00050	0.00018	0.00032	0.00124	0.00180	0.19221	
100	0.02694	0.00115	0.00034	0.00013	0.00029	0.00111	0.00187	0.02799	
110	0.00214	0.00070	0.00034	0.00002	0.00020	0.00099	0.00093	0.00229	
120	0.00298	0.00106	0.00044	0.00008	0.00020	0.00030	0.00092	0.00332	
130	0.00012	0.00092	0.00045	0.00047	0.00017	0.00043	0.00069	0.00062	
140	0.00056	0.00068	0.00027	0.00022	0.00018	0.00023	0.00060	0.00037	
150	0.00051	0.00016	0.00022	0.00030	0.00048	0.00044	0.00038	0.00035	
160	0.00031	0.00050	0.00043	0.00022	0.00030	0.00021	0.00020	0.00034	
170	0.00036	0.00065	0.00051	0.00007	0.00010	0.00035	0.00015	0.00057	
180	0.00033	0.00020	0.00031	0.00016	0.00022	0.00022	0.00038	0.00035	
Spatial Average (mW/cm²)	0.01599	0.00064	0.00037	0.00019	0.00026	0.00049	0.00069	0.01616	
Max Spatial Average (mW/cm²)	0.01616								
MPE Limit (mW/cm²)	1								



RF Exposure Evaluation Report

Report No. : FA6N2218-01

Test Mode	HT40	Test Frequency (MHz)			5230			MPE Distance (cm)	40
EUT Plane	Horizontal								
Probe height (cm) \ Deg	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°	
	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)	
72	0.74876	0.04023	0.00090	0.00033	0.00073	0.00062	0.08577	0.73626	
Max PSD (mW/cm²)	0.74876								
MPE Limit (mW/cm²)	1								
EUT Plane	Vertical								
Probe height (cm) \ Deg	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°	
	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	0.00065	0.00033	0.00008	0.00038	0.00014	0.00019	0.00011	0.00096	
20	0.00115	0.00033	0.00021	0.00024	0.00021	0.00025	0.00039	0.00076	
30	0.00052	0.00058	0.00055	0.00027	0.00031	0.00042	0.00036	0.00043	
40	0.00018	0.00057	0.00041	0.00003	0.00041	0.00041	0.00055	0.00046	
50	0.00069	0.00046	0.00060	0.00003	0.00032	0.00036	0.00004	0.00060	
60	0.00048	0.00025	0.00046	0.00022	0.00042	0.00058	0.00051	0.00035	
70	0.00178	0.00080	0.00026	0.00033	0.00025	0.00037	0.00095	0.00387	
80	0.05427	0.00068	0.00032	0.00027	0.00051	0.00057	0.00152	0.05529	
90	0.19351	0.00148	0.00063	0.00012	0.00019	0.00115	0.00171	0.19226	
100	0.02698	0.00124	0.00043	0.00008	0.00021	0.00115	0.00194	0.02806	
110	0.00221	0.00067	0.00046	0.00006	0.00009	0.00098	0.00086	0.00233	
120	0.00291	0.00114	0.00060	0.00004	0.00017	0.00035	0.00090	0.00341	
130	0.00030	0.00079	0.00034	0.00032	0.00025	0.00038	0.00063	0.00073	
140	0.00057	0.00068	0.00027	0.00014	0.00013	0.00016	0.00048	0.00051	
150	0.00051	0.00030	0.00026	0.00032	0.00044	0.00033	0.00037	0.00036	
160	0.00033	0.00042	0.00041	0.00023	0.00027	0.00018	0.00023	0.00033	
170	0.00035	0.00054	0.00037	0.00012	0.00014	0.00027	0.00014	0.00059	
180	0.00040	0.00023	0.00028	0.00011	0.00023	0.00019	0.00032	0.00030	
Spatial Average (mW/cm²)	0.01599	0.00064	0.00039	0.00019	0.00026	0.00046	0.00067	0.01620	
Max Spatial Average (mW/cm²)	0.01620								
MPE Limit (mW/cm²)	1								



RF Exposure Evaluation Report

Report No. : FA6N2218-01

Test Mode	HT10	Test Frequency (MHz)			5735			MPE Distance (cm)	40
EUT Plane	Horizontal								
Probe height (cm) \ Deg	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°	
	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)	
75	0.87715	0.06457	0.00088	0.00061	0.00031	0.00049	0.08085	0.81605	
Max PSD (mW/cm²)	0.87715								
MPE Limit (mW/cm²)	1								
EUT Plane	Vertical								
Probe height (cm) \ Deg	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°	
	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	0.00092	0.00023	0.00030	0.00025	0.00019	0.00029	0.00031	0.00083	
20	0.00084	0.00040	0.00031	0.00020	0.00019	0.00031	0.00033	0.00083	
30	0.00053	0.00043	0.00031	0.00022	0.00022	0.00030	0.00035	0.00057	
40	0.00042	0.00045	0.00033	0.00018	0.00021	0.00035	0.00039	0.00045	
50	0.00055	0.00033	0.00041	0.00022	0.00022	0.00046	0.00032	0.00053	
60	0.00050	0.00033	0.00038	0.00024	0.00024	0.00037	0.00045	0.00049	
70	0.00187	0.00052	0.00033	0.00022	0.00022	0.00036	0.00070	0.00198	
80	0.05418	0.00069	0.00036	0.00023	0.00023	0.00059	0.00158	0.05527	
90	0.19350	0.00147	0.00039	0.00025	0.00022	0.00118	0.00179	0.19238	
100	0.02681	0.00108	0.00037	0.00021	0.00023	0.00109	0.00210	0.04804	
110	0.00205	0.00060	0.00040	0.00021	0.00023	0.00060	0.00098	0.00228	
120	0.00317	0.00101	0.00059	0.00025	0.00024	0.00033	0.00076	0.00332	
130	0.00058	0.00067	0.00026	0.00022	0.00019	0.00038	0.00058	0.00053	
140	0.00058	0.00047	0.00025	0.00021	0.00025	0.00027	0.00044	0.00051	
150	0.00048	0.00032	0.00026	0.00022	0.00021	0.00026	0.00033	0.00043	
160	0.00039	0.00025	0.00025	0.00020	0.00024	0.00026	0.00030	0.00036	
170	0.00034	0.00026	0.00022	0.00019	0.00021	0.00023	0.00029	0.00034	
180	0.00027	0.00024	0.00022	0.00019	0.00021	0.00021	0.00027	0.00031	
Spatial Average (mW/cm²)	0.01600	0.00054	0.00033	0.00022	0.00022	0.00044	0.00068	0.01719	
Max Spatial Average (mW/cm²)	0.01719								
MPE Limit (mW/cm²)	1								



Test Mode	HT10	Test Frequency (MHz)	5785			MPE Distance (cm)	40	
EUT Plane	Horizontal							
Probe height (cm) \ Deg	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°
	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)
72	0.84549	0.04009	0.00038	0.00047	0.00031	0.00023	0.04851	0.83621
Max PSD (mW/cm²)	0.84549							
MPE Limit (mW/cm²)	1							
EUT Plane	Vertical							
Probe height (cm) \ Deg	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°
	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	0.00078	0.00023	0.00013	0.00023	0.00015	0.00026	0.00018	0.00089
20	0.00095	0.00040	0.00019	0.00012	0.00015	0.00035	0.00035	0.00089
30	0.00048	0.00041	0.00024	0.00028	0.00030	0.00038	0.00027	0.00061
40	0.00036	0.00047	0.00035	0.00009	0.00024	0.00033	0.00045	0.00055
50	0.00053	0.00033	0.00045	0.00010	0.00024	0.00039	0.00026	0.00047
60	0.00048	0.00026	0.00044	0.00024	0.00032	0.00035	0.00035	0.00043
70	0.00186	0.00058	0.00022	0.00028	0.00017	0.00031	0.00083	0.00203
80	0.05422	0.00070	0.00037	0.00016	0.00018	0.00066	0.00153	0.05527
90	0.19352	0.00147	0.00042	0.00020	0.00016	0.00110	0.00175	0.19244
100	0.02678	0.00119	0.00045	0.00004	0.00022	0.00109	0.00212	0.03802
110	0.00210	0.00062	0.00042	0.00020	0.00013	0.00076	0.00093	0.00227
120	0.00305	0.00103	0.00045	0.00018	0.00015	0.00032	0.00085	0.00341
130	0.00053	0.00072	0.00036	0.00020	0.00022	0.00028	0.00062	0.00069
140	0.00067	0.00050	0.00023	0.00014	0.00015	0.00029	0.00054	0.00062
150	0.00056	0.00031	0.00017	0.00012	0.00022	0.00032	0.00038	0.00054
160	0.00038	0.00028	0.00027	0.00028	0.00026	0.00021	0.00022	0.00041
170	0.00037	0.00036	0.00028	0.00010	0.00020	0.00016	0.00031	0.00031
180	0.00029	0.00022	0.00021	0.00016	0.00017	0.00019	0.00018	0.00025
Spatial Average (mW/cm²)	0.01600	0.00056	0.00031	0.00017	0.00020	0.00043	0.00067	0.01667
Max Spatial Average (mW/cm²)	0.01667							
MPE Limit (mW/cm²)	1							



Test Mode	HT10	Test Frequency (MHz)			5840	MPE Distance (cm)		40
EUT Plane	Horizontal							
Probe height (cm) \ Deg	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°
	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)
74	0.86794	0.04566	0.00067	0.00053	0.00019	0.00054	0.05488	0.81888
Max PSD (mW/cm²)	0.86794							
MPE Limit (mW/cm²)	1							
EUT Plane	Vertical							
Probe height (cm) \ Deg	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°
	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	0.00081	0.00025	0.00031	0.00028	0.00023	0.00032	0.00035	0.00087
20	0.00082	0.00039	0.00034	0.00021	0.00026	0.00038	0.00034	0.00086
30	0.00057	0.00045	0.00036	0.00024	0.00022	0.00036	0.00037	0.00059
40	0.00049	0.00049	0.00036	0.00023	0.00021	0.00038	0.00044	0.00046
50	0.00058	0.00032	0.00044	0.00022	0.00024	0.00047	0.00035	0.00054
60	0.00053	0.00035	0.00038	0.00028	0.00025	0.00039	0.00049	0.00509
70	0.00190	0.00053	0.00036	0.00025	0.00024	0.00041	0.00072	0.00199
80	0.05419	0.00071	0.00039	0.00024	0.00026	0.00060	0.00163	0.05532
90	0.19353	0.00148	0.00043	0.00026	0.00028	0.00120	0.00184	0.19241
100	0.02682	0.00111	0.00038	0.00023	0.00024	0.00110	0.00212	0.03804
110	0.00208	0.00062	0.00040	0.00024	0.00024	0.00061	0.00100	0.00229
120	0.00317	0.00099	0.00063	0.00024	0.00024	0.00037	0.00075	0.00337
130	0.00061	0.00070	0.00029	0.00024	0.00022	0.00041	0.00061	0.00052
140	0.00062	0.00048	0.00029	0.00023	0.00024	0.00026	0.00048	0.00051
150	0.00050	0.00033	0.00025	0.00021	0.00023	0.00026	0.00033	0.00046
160	0.00041	0.00030	0.00026	0.00019	0.00021	0.00028	0.00033	0.00037
170	0.00038	0.00029	0.00024	0.00021	0.00020	0.00024	0.00031	0.00037
180	0.00032	0.00028	0.00023	0.00022	0.00020	0.00025	0.00029	0.00032
Spatial Average (mW/cm²)	0.01602	0.00056	0.00035	0.00023	0.00023	0.00046	0.00071	0.01691
Max Spatial Average (mW/cm²)	0.01691							
MPE Limit (mW/cm²)	1							



Test Mode	HT20	Test Frequency (MHz)	5740			MPE Distance (cm)	40	
EUT Plane	Horizontal							
Probe height (cm) \ Deg	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°
	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)
74	0.85390	0.03371	0.00048	0.00043	0.00013	0.00031	0.03482	0.81884
Max PSD (mW/cm ²)	0.85390							
MPE Limit (mW/cm ²)	1							
EUT Plane	Vertical							
Probe height (cm) \ Deg	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°
	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)
10	0.00082	0.00027	0.00029	0.00030	0.00020	0.00034	0.00017	0.00077
20	0.00081	0.00046	0.00046	0.00030	0.00024	0.00039	0.00045	0.00086
30	0.00057	0.00029	0.00011	0.00017	0.00023	0.00045	0.00026	0.00057
40	0.00040	0.00046	0.00030	0.00025	0.00024	0.00030	0.00034	0.00043
50	0.00064	0.00012	0.00040	0.00023	0.00022	0.00043	0.00034	0.00066
60	0.00055	0.00034	0.00033	0.00025	0.00006	0.00041	0.00038	0.00048
70	0.00200	0.00045	0.00046	0.00012	0.00018	0.00040	0.00068	0.00204
80	0.05421	0.00070	0.00043	0.00026	0.00029	0.00065	0.00148	0.05527
90	0.19356	0.00161	0.00038	0.00028	0.00033	0.00112	0.00186	0.19237
100	0.04680	0.00103	0.00031	0.00013	0.00004	0.00105	0.00217	0.03795
110	0.00198	0.00069	0.00029	0.00020	0.00023	0.00069	0.00087	0.00233
120	0.00324	0.00106	0.00057	0.00027	0.00027	0.00024	0.00072	0.00331
130	0.00055	0.00074	0.00039	0.00030	0.00013	0.00040	0.00061	0.00042
140	0.00048	0.00039	0.00023	0.00035	0.00027	0.00028	0.00058	0.00055
150	0.00059	0.00026	0.00027	0.00023	0.00023	0.00013	0.00022	0.00034
160	0.00034	0.00033	0.00018	0.00016	0.00021	0.00013	0.00036	0.00038
170	0.00034	0.00020	0.00011	0.00028	0.00026	0.00022	0.00013	0.00030
180	0.00035	0.00014	0.00019	0.00016	0.00018	0.00020	0.00029	0.00026
Spatial Average (mW/cm ²)	0.01712	0.00053	0.00032	0.00024	0.00021	0.00044	0.00066	0.01663
Max Spatial Average (mW/cm ²)	0.01712							
MPE Limit (mW/cm ²)	1							



RF Exposure Evaluation Report

Report No. : FA6N2218-01

Test Mode	HT20	Test Frequency (MHz)			5785			MPE Distance (cm)	40
EUT Plane	Horizontal								
Probe height (cm) \ Deg	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°	
	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)	
72	0.83587	0.02184	0.00035	0.00042	0.00021	0.00009	0.02270	0.83853	
Max PSD (mW/cm²)	0.83853								
MPE Limit (mW/cm²)	1								
EUT Plane	Vertical								
Probe height (cm) \ Deg	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°	
	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	0.00086	0.00023	0.00030	0.00025	0.00021	0.00030	0.00033	0.00085	
20	0.00083	0.00036	0.00031	0.00021	0.00022	0.00033	0.00034	0.00084	
30	0.00054	0.00044	0.00033	0.00023	0.00019	0.00033	0.00034	0.00056	
40	0.00045	0.00046	0.00033	0.00022	0.00019	0.00035	0.00039	0.00045	
50	0.00055	0.00029	0.00043	0.00021	0.00022	0.00045	0.00034	0.00053	
60	0.00049	0.00031	0.00038	0.00025	0.00024	0.00036	0.00045	0.00049	
70	0.00188	0.00053	0.00034	0.00023	0.00022	0.00038	0.00070	0.00196	
80	0.05418	0.00068	0.00038	0.00024	0.00023	0.00059	0.00160	0.05529	
90	0.19351	0.00146	0.00040	0.00023	0.00027	0.00116	0.00181	0.19238	
100	0.05679	0.00109	0.00035	0.00021	0.00022	0.00108	0.00210	0.05802	
110	0.00207	0.00061	0.00039	0.00023	0.00021	0.00059	0.00097	0.00226	
120	0.00317	0.00099	0.00061	0.00022	0.00023	0.00034	0.00074	0.00332	
130	0.00058	0.00067	0.00027	0.00023	0.00021	0.00038	0.00058	0.00052	
140	0.00059	0.00044	0.00025	0.00021	0.00021	0.00024	0.00045	0.00052	
150	0.00047	0.00033	0.00024	0.00020	0.00021	0.00024	0.00033	0.00044	
160	0.00038	0.00028	0.00025	0.00018	0.00019	0.00026	0.00030	0.00036	
170	0.00035	0.00027	0.00022	0.00018	0.00019	0.00023	0.00029	0.00036	
180	0.00029	0.00024	0.00020	0.00019	0.00018	0.00022	0.00027	0.00030	
Spatial Average (mW/cm²)	0.01767	0.00054	0.00033	0.00022	0.00021	0.00044	0.00069	0.01775	
Max Spatial Average (mW/cm²)	0.01775								
MPE Limit (mW/cm²)	1								



Test Mode	HT20	Test Frequency (MHz)	5835			MPE Distance (cm)	40	
EUT Plane	Horizontal							
Probe height (cm) \ Deg	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°
	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)
74	0.82798	0.03207	0.00037	0.00030	0.00021	0.00026	0.02412	0.83191
Max PSD (mW/cm ²)	0.83191							
MPE Limit (mW/cm ²)	1							
EUT Plane	Vertical							
Probe height (cm) \ Deg	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°
	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)
10	0.00087	0.00015	0.00038	0.00023	0.00022	0.00028	0.00029	0.00072
20	0.00086	0.00037	0.00026	0.00024	0.00013	0.00028	0.00020	0.00088
30	0.00048	0.00045	0.00041	0.00028	0.00039	0.00045	0.00037	0.00066
40	0.00034	0.00039	0.00040	0.00021	0.00030	0.00052	0.00036	0.00047
50	0.00058	0.00039	0.00032	0.00029	0.00018	0.00050	0.00032	0.00057
60	0.00046	0.00027	0.00041	0.00010	0.00024	0.00036	0.00051	0.00036
70	0.00194	0.00038	0.00027	0.00025	0.00021	0.00044	0.00073	0.00195
80	0.05406	0.00057	0.00052	0.00027	0.00040	0.00045	0.00156	0.05528
90	0.19358	0.00140	0.00039	0.00028	0.00022	0.00112	0.00193	0.19238
100	0.02676	0.00109	0.00036	0.00028	0.00025	0.00094	0.00204	0.02788
110	0.00212	0.00061	0.00036	0.00011	0.00023	0.00069	0.00086	0.00217
120	0.00304	0.00096	0.00049	0.00025	0.00030	0.00040	0.00071	0.00322
130	0.00063	0.00050	0.00024	0.00015	0.00018	0.00043	0.00058	0.00052
140	0.00053	0.00032	0.00015	0.00019	0.00015	0.00018	0.00046	0.00056
150	0.00050	0.00036	0.00029	0.00020	0.00025	0.00027	0.00046	0.00032
160	0.00039	0.00028	0.00033	0.00039	0.00034	0.00015	0.00037	0.00020
170	0.00031	0.00024	0.00034	0.00026	0.00027	0.00013	0.00027	0.00041
180	0.00032	0.00018	0.00033	0.00018	0.00019	0.00031	0.00023	0.00043
Spatial Average (mW/cm ²)	0.01599	0.00050	0.00035	0.00023	0.00025	0.00044	0.00068	0.01605
Max Spatial Average (mW/cm ²)	0.01605							
MPE Limit (mW/cm ²)	1							



Test Mode	HT30	Test Frequency (MHz)	5745			MPE Distance (cm)	40	
EUT Plane	Horizontal							
Probe height (cm) \ Deg	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°
	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)
74	0.84034	0.03044	0.00024	0.00027	0.00084	0.00023	0.02715	0.83719
Max PSD (mW/cm ²)	0.84034							
MPE Limit (mW/cm ²)	1							
EUT Plane	Vertical							
Probe height (cm) \ Deg	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°
	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)
10	0.00086	0.00023	0.00033	0.00022	0.00021	0.00031	0.00032	0.00084
20	0.00081	0.00037	0.00029	0.00021	0.00021	0.00031	0.00033	0.00084
30	0.00051	0.00045	0.00032	0.00022	0.00022	0.00031	0.00034	0.00058
40	0.00044	0.00046	0.00035	0.00019	0.00021	0.00035	0.00039	0.00045
50	0.00055	0.00033	0.00041	0.00021	0.00020	0.00045	0.00033	0.00052
60	0.00051	0.00033	0.00037	0.00024	0.00025	0.00035	0.00045	0.00050
70	0.00187	0.00051	0.00034	0.00021	0.00020	0.00038	0.00072	0.00197
80	0.05417	0.00067	0.00038	0.00024	0.00021	0.00059	0.00159	0.05530
90	0.19348	0.00146	0.00040	0.00024	0.00025	0.00117	0.00178	0.19236
100	0.02680	0.00111	0.00035	0.00020	0.00025	0.00108	0.00211	0.02801
110	0.00205	0.00061	0.00041	0.00020	0.00023	0.00059	0.00094	0.00228
120	0.00317	0.00100	0.00061	0.00022	0.00021	0.00033	0.00075	0.00332
130	0.00059	0.00068	0.00024	0.00020	0.00019	0.00038	0.00058	0.00052
140	0.00057	0.00044	0.00027	0.00021	0.00022	0.00025	0.00043	0.00052
150	0.00048	0.00031	0.00024	0.00022	0.00021	0.00024	0.00033	0.00046
160	0.00038	0.00025	0.00026	0.00021	0.00021	0.00023	0.00032	0.00037
170	0.00032	0.00025	0.00022	0.00020	0.00020	0.00024	0.00027	0.00035
180	0.00027	0.00026	0.00021	0.00020	0.00019	0.00022	0.00027	0.00029
Spatial Average (mW/cm ²)	0.01599	0.00054	0.00033	0.00021	0.00022	0.00043	0.00068	0.01608
Max Spatial Average (mW/cm ²)	0.01608							
MPE Limit (mW/cm ²)	1							



Test Mode	HT30	Test Frequency (MHz)	5785			MPE Distance (cm)	40	
EUT Plane	Horizontal							
Probe height (cm) \ Deg	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°
	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)
75	0.81830	0.02426	0.00029	0.00020	0.00009	0.00015	0.02807	0.83606
Max PSD (mW/cm ²)	0.83606							
MPE Limit (mW/cm ²)	1							
EUT Plane	Vertical							
Probe height (cm) \ Deg	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°
	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)
10	0.00086	0.00021	0.00028	0.00021	0.00021	0.00029	0.00032	0.00085
20	0.00083	0.00039	0.00030	0.00021	0.00023	0.00032	0.00033	0.00085
30	0.00053	0.00044	0.00031	0.00024	0.00022	0.00031	0.00035	0.00057
40	0.00045	0.00049	0.00032	0.00019	0.00022	0.00033	0.00041	0.00044
50	0.00055	0.00032	0.00040	0.00023	0.00021	0.00047	0.00033	0.00052
60	0.00050	0.00031	0.00039	0.00024	0.00024	0.00035	0.00045	0.00050
70	0.00187	0.00053	0.00033	0.00021	0.00020	0.00037	0.00069	0.00195
80	0.05418	0.00067	0.00038	0.00023	0.00023	0.00059	0.00159	0.05528
90	0.19349	0.00145	0.00040	0.00025	0.00028	0.00117	0.00180	0.19236
100	0.02678	0.00110	0.00036	0.00021	0.00022	0.00108	0.00210	0.02803
110	0.00204	0.00057	0.00041	0.00021	0.00023	0.00061	0.00095	0.00228
120	0.00318	0.00101	0.00061	0.00023	0.00025	0.00033	0.00074	0.00332
130	0.00058	0.00068	0.00026	0.00020	0.00023	0.00035	0.00058	0.00052
140	0.00058	0.00043	0.00026	0.00019	0.00020	0.00025	0.00042	0.00052
150	0.00047	0.00030	0.00023	0.00019	0.00018	0.00025	0.00034	0.00045
160	0.00040	0.00026	0.00025	0.00020	0.00019	0.00024	0.00028	0.00036
170	0.00034	0.00027	0.00024	0.00019	0.00018	0.00021	0.00030	0.00034
180	0.00026	0.00023	0.00023	0.00020	0.00019	0.00022	0.00028	0.00029
Spatial Average (mW/cm ²)	0.01599	0.00054	0.00033	0.00021	0.00022	0.00043	0.00068	0.01608
Max Spatial Average (mW/cm ²)	0.01608							
MPE Limit (mW/cm ²)	1							



Test Mode	HT30	Test Frequency (MHz)	5830			MPE Distance (cm)	40	
EUT Plane	Horizontal							
Probe height (cm) \ Deg	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°
	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)
75	0.81134	0.01227	0.00049	0.00023	0.00021	0.00046	0.01585	0.84097
Max PSD (mW/cm²)	0.84097							
MPE Limit (mW/cm²)	1							
EUT Plane	Vertical							
Probe height (cm) \ Deg	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°
	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	0.00065	0.00041	0.00029	0.00027	0.00026	0.00036	0.00039	0.00068
20	0.00091	0.00043	0.00031	0.00023	0.00023	0.00037	0.00041	0.00089
30	0.00062	0.00047	0.00034	0.00023	0.00025	0.00038	0.00046	0.00067
40	0.00051	0.00049	0.00037	0.00025	0.00027	0.00040	0.00052	0.00054
50	0.00046	0.00055	0.00042	0.00025	0.00028	0.00047	0.00057	0.00051
60	0.00146	0.00061	0.00038	0.00029	0.00032	0.00045	0.00063	0.00139
70	0.00289	0.00063	0.00037	0.00028	0.00031	0.00048	0.00104	0.00296
80	0.05267	0.00094	0.00049	0.00029	0.00034	0.00059	0.00159	0.05334
90	0.16378	0.00237	0.00051	0.00031	0.00032	0.00065	0.00171	0.16284
100	0.02359	0.00152	0.00042	0.00027	0.00028	0.00124	0.00227	0.02406
110	0.00225	0.00103	0.00037	0.00025	0.00026	0.00082	0.00095	0.00249
120	0.00207	0.00074	0.00039	0.00026	0.00024	0.00053	0.00064	0.00218
130	0.00093	0.00068	0.00032	0.00027	0.00028	0.00042	0.00052	0.00102
140	0.00067	0.00055	0.00029	0.00023	0.00023	0.00039	0.00043	0.00074
150	0.00047	0.00041	0.00028	0.00021	0.00024	0.00028	0.00029	0.00051
160	0.00045	0.00029	0.00027	0.00022	0.00022	0.00027	0.00028	0.00048
170	0.00038	0.00028	0.00029	0.00022	0.00024	0.00023	0.00028	0.00036
180	0.00036	0.00026	0.00028	0.00019	0.00021	0.00022	0.00026	0.00034
Spatial Average (mW/cm²)	0.01417	0.00070	0.00036	0.00025	0.00027	0.00048	0.00074	0.01422
Max Spatial Average (mW/cm²)	0.01422							
MPE Limit (mW/cm²)	1							



Test Mode	HT40	Test Frequency (MHz)	5785			MPE Distance (cm)	40	
EUT Plane	Horizontal							
Probe height (cm) \ Deg	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°
	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)
72	0.80638	0.01869	0.00060	0.00014	0.00054	0.00062	0.01214	0.83613
Max PSD (mW/cm ²)	0.83613							
MPE Limit (mW/cm ²)	1							
EUT Plane	Vertical							
Probe height (cm) \ Deg	0~45°	45~90°	90~135°	135~180°	180~225°	225~270°	270~315°	315~360°
	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)	Max PSD (mW/cm ²)
10	0.00088	0.00022	0.00020	0.00022	0.00032	0.00026	0.00033	0.00084
20	0.00090	0.00037	0.00040	0.00020	0.00012	0.00028	0.00020	0.00084
30	0.00066	0.00055	0.00034	0.00021	0.00028	0.00021	0.00031	0.00062
40	0.00041	0.00034	0.00022	0.00014	0.00019	0.00028	0.00040	0.00052
50	0.00058	0.00021	0.00042	0.00024	0.00028	0.00048	0.00040	0.00044
60	0.00059	0.00030	0.00044	0.00019	0.00028	0.00036	0.00045	0.00051
70	0.00184	0.00057	0.00041	0.00022	0.00019	0.00042	0.00067	0.00201
80	0.05412	0.00064	0.00037	0.00014	0.00013	0.00062	0.00156	0.05537
90	0.19353	0.00164	0.00041	0.00028	0.00020	0.00120	0.00184	0.19232
100	0.02680	0.00106	0.00027	0.00024	0.00029	0.00107	0.00216	0.02807
110	0.00206	0.00072	0.00054	0.00016	0.00034	0.00065	0.00090	0.00229
120	0.00312	0.00106	0.00059	0.00024	0.00020	0.00021	0.00076	0.00328
130	0.00064	0.00059	0.00026	0.00016	0.00028	0.00024	0.00060	0.00053
140	0.00057	0.00046	0.00024	0.00020	0.00015	0.00025	0.00034	0.00054
150	0.00055	0.00028	0.00033	0.00018	0.00014	0.00028	0.00037	0.00046
160	0.00034	0.00022	0.00040	0.00025	0.00023	0.00020	0.00032	0.00021
170	0.00037	0.00023	0.00024	0.00015	0.00013	0.00034	0.00034	0.00044
180	0.00014	0.00026	0.00026	0.00033	0.00027	0.00020	0.00019	0.00040
Spatial Average (mW/cm ²)	0.01601	0.00054	0.00035	0.00021	0.00022	0.00042	0.00067	0.01609
Max Spatial Average (mW/cm ²)	0.01609							
MPE Limit (mW/cm ²)	1							



2.6 List of Measuring Equipments

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date
Isotropic Probe	ETS-LINDGREN	HI-6105	00130664	100kHz-6GHz	10/Oct/2016	09/Oct/2017



Power Table

Mode	Radiated Setting	Bandedge Margin (dB)	Harmonic Margin (dB)	Conducted Setting	Directional Gain (Output Power) (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Directional Gain (PSD) (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	PSD (dBm/MHz)	PSD Limit (dBm/MHz)	Restrict	Note.
HT10_Nss1,(MCS0)_5160	10	-0.64	-8.94	10	14.00	9.31	9.82	12.58	30.00	26.58	Inf	17.01	20.27	Inf	3.26	17.00	Band edge	
HT10_Nss1,(MCS0)_5200	17.5	-0.85	-7.13	17.5	14.00	18.28	17.65	20.99	30.00	34.99	Inf	17.01	28.80	Inf	11.79	17.00	Band edge	
HT10_Nss1,(MCS0)_5240	18	-0.68	-4.83	18	14.00	20.69	19.39	23.10	30.00	37.10	Inf	17.01	30.57	Inf	13.56	17.00	Band edge	This Channel > ERP 3W
HT10_Nss1,(MCS0)_5735	25	-0.26	-3.12	25	14.00	23.64	24.04	26.85	30.00	40.85	Inf	17.01	32.54	Inf	15.53	30.00	Max Setting	This Channel > ERP 3W
HT10_Nss1,(MCS0)_5785	25	-0.67	-3.97	25	14.00	23.40	23.29	26.36	30.00	40.36	Inf	17.01	32.17	Inf	15.16	30.00	Max Setting	This Channel > ERP 3W
HT10_Nss1,(MCS0)_5840	25	-3.19	-1.75	25	14.00	23.80	23.74	26.78	30.00	40.78	Inf	17.01	32.46	Inf	15.45	30.00	Max Setting	This Channel > ERP 3W
HT20_Nss1_5165	5	-0.22	-7.73	5	14.00	5.67	6.35	9.03	30.00	23.03	Inf	17.01	13.24	Inf	-3.77	17.00	Band edge	
HT20_Nss1_5200	19	-0.49	-7.43	19	14.00	21.33	20.15	23.79	30.00	37.79	Inf	17.01	28.23	Inf	11.22	17.00	Band edge	This Channel > ERP 3W
HT20_Nss1_5235	17	-0.12	-7.15	17	14.00	19.68	18.45	22.12	30.00	36.12	Inf	17.01	26.38	Inf	9.37	17.00	Band edge	
HT20_Nss1_5740	25	-0.26	-3.12	25	14.00	23.79	23.81	26.81	30.00	40.81	Inf	17.01	29.57	Inf	12.56	30.00	Max Setting	This Channel > ERP 3W
HT20_Nss1_5785	25	-0.67	-3.97	25	14.00	23.68	23.36	26.53	30.00	40.53	Inf	17.01	29.41	Inf	12.40	30.00	Max Setting	This Channel > ERP 3W
HT20_Nss1_5835	25	-3.19	-1.75	25	14.00	23.72	23.53	26.64	30.00	40.64	Inf	17.01	29.49	Inf	12.48	30.00	Max Setting	This Channel > ERP 3W
HT30_Nss1,(MCS0)_5170	4	-0.4	-8.51	4	14.00	4.40	5.13	7.79	30.00	21.79	Inf	17.01	10.84	Inf	-6.17	17.00	Band edge	
HT30_Nss1,(MCS0)_5200	17	-0.64	-6.72	17	14.00	19.21	18.29	21.78	30.00	35.78	Inf	17.01	24.55	Inf	7.54	17.00	Band edge	
HT30_Nss1,(MCS0)_5230	18	-0.88	-5.88	18	14.00	20.95	19.73	23.39	30.00	37.39	Inf	17.01	26.31	Inf	9.30	17.00	Band edge	This Channel > ERP 3W
HT30_Nss1,(MCS0)_5745	25	-0.03	-4.44	25	14.00	23.66	23.79	26.74	30.00	40.74	Inf	17.01	28.09	Inf	11.08	30.00	Max Setting	This Channel > ERP 3W
HT30_Nss1,(MCS0)_5785	25	-1.12	-6.17	25	14.00	23.12	23.05	26.10	30.00	40.10	Inf	17.01	27.39	Inf	10.38	30.00	Max Setting	This Channel > ERP 3W
HT30_Nss1,(MCS0)_5830	25	-2.38	-1.4	25	14.00	23.84	23.86	26.86	30.00	40.86	Inf	17.01	28.21	Inf	11.20	30.00	Max Setting	This Channel > ERP 3W
HT40_Nss1_5175	2	-0.49	-7.12	2	14.00	3.05	3.44	6.26	30.00	20.26	Inf	17.01	7.85	Inf	-9.16	17.00	Band edge	
HT40_Nss1_5200	14	-0.75	-6.98	14	14.00	15.22	15.22	18.23	30.00	32.23	Inf	17.01	19.88	Inf	2.87	17.00	Band edge	
HT40_Nss1_5225	12	-0.7	-4.5	12	14.00	13.41	14.47	16.98	30.00	30.98	Inf	17.01	18.63	Inf	1.62	17.00	Band edge	
HT40_Nss1_5750	20	-0.28	-3.62	20	14.00	19.70	19.86	22.79	30.00	36.79	Inf	17.01	22.88	Inf	5.87	30.00	Band edge	
HT40_Nss1_5785	22	-0.36	-3.01	22	14.00	20.64	20.68	23.67	30.00	37.67	Inf	17.01	23.65	Inf	6.64	30.00	Band edge	This Channel > ERP 3W
HT40_Nss1_5825	19	-0.73	-5.28	19	14.00	19.14	19.24	22.20	30.00	36.20	Inf	17.01	21.92	Inf	4.91	30.00	Band edge	