



# RF Exposure Evaluation Report

**Equipment** : UniCAP  
**Brand Name** : CAPWAVE TECHNOLOGIES  
**Model No.** : UC-12-EXP  
**FCC ID** : 2AFGY-UC12EXP  
**Standard** : 47 CFR Part 2.1091  
**Applicant** : Capwave Technologies Inc.  
1501 Ocean Ave, Unit 2601, Asbury Park, NJ 07712,  
USA  
**Manufacturer** : SmartAnt Telecom Co., Ltd  
3F, No.58, Park Avenue II, Science-based Industrial  
Park, Hsinchu 30075, Taiwan, R.O.C.

The product sample received on Feb. 23, 2016 and completely tested on Jul. 26, 2017. We, SPORTON, would like to declare that the tested sample has been evaluated in accordance with 47 CFR Part 2.1091, KDB447498 D01 General RF Exposure Guidance v06 and pass the limit.

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Cliff Chang  
SPORTON INTERNATIONAL INC.





## **TABLE OF CONTENTS**

|                                      |   |                |
|--------------------------------------|---|----------------|
| <b>1</b>                             | <b>GENERAL DESCRIPTION .....</b>            | <b>4</b>       |
| 1.1                                  | EUT General Information .....               | 4              |
| 1.2                                  | Testing Location .....                      | 4              |
| <b>2</b>                             | <b>MAXIMUM PERMISSIBLE EXPOSURE .....</b>   | <b>5</b>       |
| 2.1                                  | Limit of Maximum Permissible Exposure ..... | 5              |
| 2.2                                  | MPE Calculation Method .....                | 5              |
| 2.3                                  | Calculated Result and Limit .....           | 6              |
| 2.4                                  | MPE Measurement Method .....                | 7              |
| 2.5                                  | Measurement Result and Limit .....          | 8              |
| 2.6                                  | List of Measuring Equipments .....          | 21             |
| <b>APPENDIX A. TEST PHOTOS .....</b> |   | <b>A1 ~ A2</b> |
| <b>PHOTOGRAPHS OF EUT V01</b>        |   |                |

## REVISION HISTORY

[illegible]

# 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)<br>802.11g/n: OFDM (BPSK, QPSK, 16QAM, 64QAM)                 |
| 5GHz WLAN              | 5150-5250<br>5725-5850 | 5180-5240<br>5745-5825    | 802.11a/n: OFDM (BPSK, QPSK, 16QAM, 64QAM)<br>802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM) |

## 1.2 Testing Location

| Testing Location                    |        |   |
|-------------------------------------|--------|---|
| <input type="checkbox"/>            | HWA YA | ADD : No. 52, Hwa Ya 1st Rd., Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.<br>TEL : 886-3-327-3456 FAX : 886-3-327-0973   |
| <input checked="" type="checkbox"/> | JHUBEI | ADD : No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.<br>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 <sup>2</sup> ) | Averaging Time  E  <sup>2</sup> , H  <sup>2</sup> 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 <sup>2</sup> ) | Averaging Time  E  <sup>2</sup> , H  <sup>2</sup> 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 47 cm to show compliance with the power density limit.

The following formula was used to calculate the Power Density:

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

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

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

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

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

The formula can be changed to

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

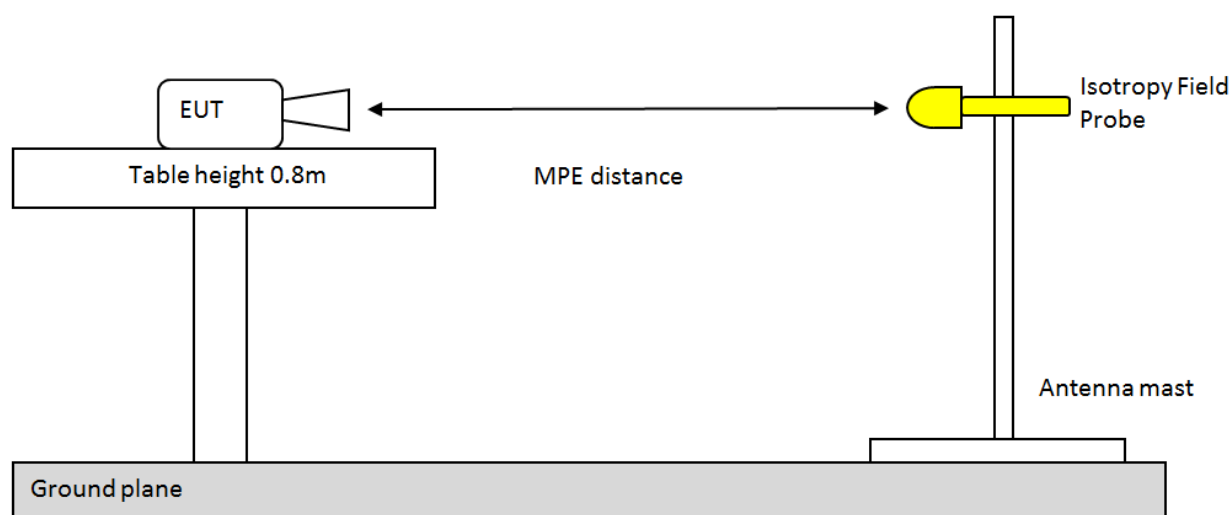


## 2.3 Calculated Result and Limit

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

| Mode               | DG<br>(dBi) | Power<br>(dBm) | EIRP<br>(dBm) | EIRP<br>(W) | Distance<br>(cm) | S<br>(mW/cm <sup>2</sup> ) | S Limit<br>(mW/cm <sup>2</sup> ) | Ratio<br>(S/Limit) |
|--------------------|-------------|----------------|---------------|-------------|------------------|----------------------------|----------------------------------|--------------------|
| 2.4G;D1D (Radio 1) | 11          | 28.14          | 39.14         | 8.20352     | 47               | 0.29567                    | 1                                | 0.29567            |
| 5.8G;D1D (Radio 1) | 12.5        | 24.11          | 36.61         | 4.58142     | 47               | 0.16512                    | 1                                | 0.16512            |
| 2.4G;D1D (Radio 2) | 11          | 28.14          | 39.14         | 8.20352     | 47               | 0.29567                    | 1                                | 0.29567            |
| 5.8G;D1D (Radio 2) | 12.5        | 24.11          | 36.61         | 4.58142     | 47               | 0.16512                    | 1                                | 0.16512            |
|                    |             |                |               |             |                  |                            | Sum Ratio                        | 0.92158            |
|                    |             |                |               |             |                  |                            | Ratio Limit                      | 1                  |

## 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  $\geq 300$  MHz, and electric and magnetic field strength limits when  $< 300$  MHz.



## 2.5 Measurement Result and Limit

| Test Mode                       | 11a                 | Test<br>Frequency<br>(MHz) | 5200                | MPE<br>Distance<br>(cm) | 47                  | Power<br>Setting    | 23                  |                     |
|---------------------------------|---------------------|----------------------------|---------------------|-------------------------|---------------------|---------------------|---------------------|---------------------|
| EUT Plane                       | Horizontal          |                            |                     |                         |                     |                     |                     |                     |
| Probe height (cm) \<br>Deg      | 0~45°               | 45~90°                     | 90~135°             | 135~180°                | 180~225°            | 225~270°            | 270~315°            | 315~360°            |
|                                 | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)        | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)     | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) |
| 170                             | 0.00085             | 0.00031                    | 0.00027             | 0.00078                 | 0.00129             | 0.01726             | 0.01555             | 0.00116             |
| Max PSD (mW/cm²)                | 0.01726             |                            |                     |                         |                     |                     |                     |                     |
| MPE Limit (mW/cm²)              | 1                   |                            |                     |                         |                     |                     |                     |                     |
| EUT Plane                       | Vertical            |                            |                     |                         |                     |                     |                     |                     |
| Probe height (cm) \<br>Deg      | 0~45°               | 45~90°                     | 90~135°             | 135~180°                | 180~225°            | 225~270°            | 270~315°            | 315~360°            |
|                                 | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)        | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)     | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) |
| 10                              | 0.00173             | 0.00045                    | 0.00046             | 0.00089                 | 0.00065             | 0.00151             | 0.00561             | 0.00523             |
| 20                              | 0.00490             | 0.00087                    | 0.00137             | 0.00134                 | 0.00102             | 0.00235             | 0.00863             | 0.00951             |
| 30                              | 0.00184             | 0.00083                    | 0.00147             | 0.00175                 | 0.00095             | 0.00173             | 0.00714             | 0.00798             |
| 40                              | 0.00083             | 0.00046                    | 0.00136             | 0.00187                 | 0.00071             | 0.00523             | 0.01845             | 0.01365             |
| 50                              | 0.00176             | 0.00106                    | 0.00158             | 0.00136                 | 0.00082             | 0.00984             | 0.02967             | 0.03064             |
| 60                              | 0.00221             | 0.00113                    | 0.00182             | 0.00134                 | 0.00105             | 0.03597             | 0.08651             | 0.07084             |
| 70                              | 0.02081             | 0.00112                    | 0.00073             | 0.00081                 | 0.00072             | 0.07519             | 0.17624             | 0.05317             |
| 80                              | 0.04468             | 0.00097                    | 0.00031             | 0.00044                 | 0.00249             | 0.48359             | 0.91357             | 0.92482             |
| 90                              | 0.01058             | 0.00079                    | 0.00022             | 0.00027                 | 0.00059             | 0.04752             | 0.10357             | 0.06547             |
| 100                             | 0.00061             | 0.00022                    | 0.00027             | 0.00031                 | 0.00074             | 0.03358             | 0.07432             | 0.06352             |
| 110                             | 0.00142             | 0.00026                    | 0.00017             | 0.00026                 | 0.00046             | 0.00763             | 0.04253             | 0.04250             |
| 120                             | 0.00351             | 0.00017                    | 0.00012             | 0.00024                 | 0.00029             | 0.00257             | 0.02587             | 0.02431             |
| 130                             | 0.00287             | 0.00037                    | 0.00034             | 0.00027                 | 0.00018             | 0.00026             | 0.00485             | 0.00475             |
| 140                             | 0.00128             | 0.00040                    | 0.00012             | 0.00041                 | 0.00010             | 0.00155             | 0.00168             | 0.00177             |
| 150                             | 0.00038             | 0.00023                    | 0.00025             | 0.00029                 | 0.00009             | 0.00194             | 0.00191             | 0.00074             |
| 160                             | 0.00012             | 0.00013                    | 0.00017             | 0.00034                 | 0.00015             | 0.00072             | 0.00092             | 0.00071             |
| 170                             | 0.00016             | 0.00014                    | 0.00012             | 0.00025                 | 0.00013             | 0.00058             | 0.00074             | 0.00078             |
| 180                             | 0.00021             | 0.00015                    | 0.00019             | 0.00015                 | 0.00011             | 0.00054             | 0.00071             | 0.00073             |
| Spatial Average<br>(mW/cm²)     | 0.00555             | 0.000541667                | 0.000615            | 0.000699444             | 0.000625            | 0.039572222         | 0.083495556         | 0.073395556         |
| Max Spatial Average<br>(mW/cm²) | 0.083495556         |                            |                     |                         |                     |                     |                     |                     |
| MPE Limit (mW/cm²)              | 1                   |                            |                     |                         |                     |                     |                     |                     |





# RF Exposure Evaluation Report

Report No. : FA622328

| Test Mode                       | 11a                 | Test<br>Frequency<br>(MHz) | 5240                | MPE<br>Distance<br>(cm) | 47                  | Power<br>Setting    | 25                  |                     |
|---------------------------------|---------------------|----------------------------|---------------------|-------------------------|---------------------|---------------------|---------------------|---------------------|
| EUT Plane                       | Horizontal          |                            |                     |                         |                     |                     |                     |                     |
| Probe height (cm) \<br>Deg      | 0~45°               | 45~90°                     | 90~135°             | 135~180°                | 180~225°            | 225~270°            | 270~315°            | 315~360°            |
|                                 | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)        | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)     | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) |
| 160                             | 0.00095             | 0.00044                    | 0.00030             | 0.00094                 | 0.00135             | 0.01835             | 0.01657             | 0.00133             |
| Max PSD (mW/cm²)                | 0.01835             |                            |                     |                         |                     |                     |                     |                     |
| MPE Limit (mW/cm²)              | 1                   |                            |                     |                         |                     |                     |                     |                     |
| EUT Plane                       | Vertical            |                            |                     |                         |                     |                     |                     |                     |
| Probe height (cm) \<br>Deg      | 0~45°               | 45~90°                     | 90~135°             | 135~180°                | 180~225°            | 225~270°            | 270~315°            | 315~360°            |
|                                 | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)        | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)     | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) |
| 10                              | 0.00056             | 0.00033                    | 0.00062             | 0.00034                 | 0.00053             | 0.00514             | 0.01026             | 0.00634             |
| 20                              | 0.00051             | 0.00064                    | 0.00094             | 0.00069                 | 0.00027             | 0.00768             | 0.01805             | 0.00971             |
| 30                              | 0.00108             | 0.00113                    | 0.00127             | 0.00122                 | 0.00060             | 0.00504             | 0.01684             | 0.01264             |
| 40                              | 0.00086             | 0.00058                    | 0.00069             | 0.00091                 | 0.00038             | 0.00901             | 0.02357             | 0.01499             |
| 50                              | 0.00145             | 0.00047                    | 0.00087             | 0.00085                 | 0.00056             | 0.00931             | 0.03416             | 0.02846             |
| 60                              | 0.00574             | 0.00187                    | 0.00059             | 0.00057                 | 0.00053             | 0.00854             | 0.02348             | 0.00854             |
| 70                              | 0.05462             | 0.00173                    | 0.00042             | 0.00069                 | 0.00074             | 0.06058             | 0.16482             | 0.20458             |
| 80                              | 0.04562             | 0.00183                    | 0.00047             | 0.00066                 | 0.00354             | 0.62375             | 0.07658             | 0.06821             |
| 90                              | 0.01095             | 0.00117                    | 0.00020             | 0.00028                 | 0.00081             | 0.04360             | 0.08368             | 0.07016             |
| 100                             | 0.00154             | 0.00033                    | 0.00018             | 0.00026                 | 0.00098             | 0.01680             | 0.03574             | 0.03485             |
| 110                             | 0.00163             | 0.00015                    | 0.00027             | 0.00025                 | 0.00074             | 0.02596             | 0.06519             | 0.06631             |
| 120                             | 0.00449             | 0.00011                    | 0.00013             | 0.00023                 | 0.00074             | 0.01048             | 0.01005             | 0.04366             |
| 130                             | 0.00324             | 0.00039                    | 0.00038             | 0.00027                 | 0.00028             | 0.00428             | 0.01608             | 0.01657             |
| 140                             | 0.00365             | 0.00026                    | 0.00048             | 0.00045                 | 0.00038             | 0.00056             | 0.00687             | 0.00415             |
| 150                             | 0.00153             | 0.00097                    | 0.00024             | 0.00037                 | 0.00011             | 0.00241             | 0.00271             | 0.00241             |
| 160                             | 0.00052             | 0.00021                    | 0.00051             | 0.00025                 | 0.00013             | 0.00147             | 0.00167             | 0.00123             |
| 170                             | 0.00038             | 0.00023                    | 0.00019             | 0.00039                 | 0.00008             | 0.00152             | 0.00146             | 0.00137             |
| 180                             | 0.00029             | 0.00027                    | 0.00037             | 0.00039                 | 0.00016             | 0.00157             | 0.00131             | 0.00086             |
| Spatial Average<br>(mW/cm²)     | 0.007703333         | 0.000703889                | 0.00049             | 0.000503889             | 0.000642222         | 0.046538889         | 0.032917778         | 0.033057778         |
| Max Spatial Average<br>(mW/cm²) | 0.04654             |                            |                     |                         |                     |                     |                     |                     |
| MPE Limit (mW/cm²)              | 1                   |                            |                     |                         |                     |                     |                     |                     |



# RF Exposure Evaluation Report

Report No. : FA622328

| Test Mode                       | 11a                 | Test<br>Frequency<br>(MHz) | 5745                | MPE<br>Distance<br>(cm) | 47                  | Power<br>Setting    | 27                  |                     |
|---------------------------------|---------------------|----------------------------|---------------------|-------------------------|---------------------|---------------------|---------------------|---------------------|
| EUT Plane                       | Horizontal          |                            |                     |                         |                     |                     |                     |                     |
| Probe height (cm) \<br>Deg      | 0~45°               | 45~90°                     | 90~135°             | 135~180°                | 180~225°            | 225~270°            | 270~315°            | 315~360°            |
|                                 | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)        | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)     | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) |
| 150                             | 0.00711             | 0.00052                    | 0.00041             | 0.00811                 | 0.01436             | 0.10936             | 0.10681             | 0.01936             |
| Max PSD (mW/cm²)                | 0.10936             |                            |                     |                         |                     |                     |                     |                     |
| MPE Limit (mW/cm²)              | 1                   |                            |                     |                         |                     |                     |                     |                     |
| EUT Plane                       | Vertical            |                            |                     |                         |                     |                     |                     |                     |
| Probe height (cm) \<br>Deg      | 0~45°               | 45~90°                     | 90~135°             | 135~180°                | 180~225°            | 225~270°            | 270~315°            | 315~360°            |
|                                 | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)        | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)     | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) |
| 10                              | 0.00095             | 0.00042                    | 0.00031             | 0.00023                 | 0.00038             | 0.00218             | 0.00291             | 0.00409             |
| 20                              | 0.00201             | 0.00041                    | 0.00013             | 0.00015                 | 0.00071             | 0.00382             | 0.00602             | 0.00701             |
| 30                              | 0.00412             | 0.00031                    | 0.00041             | 0.00014                 | 0.00042             | 0.00225             | 0.01215             | 0.01268             |
| 40                              | 0.00491             | 0.00021                    | 0.00052             | 0.00041                 | 0.00132             | 0.00912             | 0.02872             | 0.00286             |
| 50                              | 0.00357             | 0.00036                    | 0.00022             | 0.00047                 | 0.00184             | 0.02472             | 0.05135             | 0.05132             |
| 60                              | 0.00121             | 0.00038                    | 0.00022             | 0.00035                 | 0.00267             | 0.03523             | 0.03435             | 0.02014             |
| 70                              | 0.00881             | 0.00041                    | 0.00019             | 0.00016                 | 0.00091             | 0.01254             | 0.05436             | 0.06022             |
| 80                              | 0.01935             | 0.00064                    | 0.00024             | 0.00017                 | 0.00032             | 0.07538             | 0.21357             | 0.22235             |
| 90                              | 0.01078             | 0.00072                    | 0.00035             | 0.00014                 | 0.00036             | 0.06218             | 0.10135             | 0.10248             |
| 100                             | 0.00361             | 0.00085                    | 0.00037             | 0.00023                 | 0.00022             | 0.02248             | 0.02821             | 0.01834             |
| 110                             | 0.00129             | 0.00025                    | 0.00039             | 0.00041                 | 0.00061             | 0.00391             | 0.01526             | 0.00612             |
| 120                             | 0.00371             | 0.00028                    | 0.00031             | 0.00029                 | 0.00028             | 0.01521             | 0.02234             | 0.02174             |
| 130                             | 0.00512             | 0.00023                    | 0.00059             | 0.00061                 | 0.00042             | 0.01234             | 0.02783             | 0.02519             |
| 140                             | 0.00331             | 0.00032                    | 0.00075             | 0.00073                 | 0.00075             | 0.00943             | 0.01372             | 0.01528             |
| 150                             | 0.00227             | 0.00046                    | 0.00081             | 0.00038                 | 0.00043             | 0.00648             | 0.00723             | 0.00812             |
| 160                             | 0.00157             | 0.00035                    | 0.00124             | 0.00104                 | 0.00048             | 0.00453             | 0.00516             | 0.00443             |
| 170                             | 0.00085             | 0.00036                    | 0.00079             | 0.00081                 | 0.00045             | 0.00231             | 0.00342             | 0.00257             |
| 180                             | 0.00088             | 0.00041                    | 0.00141             | 0.00092                 | 0.00041             | 0.00172             | 0.00291             | 0.00183             |
| Spatial Average<br>(mW/cm²)     | 0.004351111         | 0.000409444                | 0.000513889         | 0.000424444             | 0.000721111         | 0.016990556         | 0.035047778         | 0.032598333         |
| Max Spatial Average<br>(mW/cm²) | 0.03505             |                            |                     |                         |                     |                     |                     |                     |
| MPE Limit (mW/cm²)              | 1                   |                            |                     |                         |                     |                     |                     |                     |



# RF Exposure Evaluation Report

Report No. : FA622328

|                                 |                     |                            |                     |                         |                     |                     |                     |                     |
|---------------------------------|---------------------|----------------------------|---------------------|-------------------------|---------------------|---------------------|---------------------|---------------------|
| Test Mode                       | 11a                 | Test<br>Frequency<br>(MHz) | 5785                | MPE<br>Distance<br>(cm) | 47                  | Power<br>Setting    | 24                  |                     |
| EUT Plane                       | Horizontal          |                            |                     |                         |                     |                     |                     |                     |
| Probe height (cm) \<br>Deg      | 0~45°               | 45~90°                     | 90~135°             | 135~180°                | 180~225°            | 225~270°            | 270~315°            | 315~360°            |
|                                 | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)        | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)     | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) |
| 150                             | 0.00268             | 0.00032                    | 0.00034             | 0.00287                 | 0.00357             | 0.03762             | 0.03872             | 0.00631             |
| Max PSD (mW/cm²)                | 0.03872             |                            |                     |                         |                     |                     |                     |                     |
| MPE Limit (mW/cm²)              | 1                   |                            |                     |                         |                     |                     |                     |                     |
| EUT Plane                       | Vertical            |                            |                     |                         |                     |                     |                     |                     |
| Probe height (cm) \<br>Deg      | 0~45°               | 45~90°                     | 90~135°             | 135~180°                | 180~225°            | 225~270°            | 270~315°            | 315~360°            |
|                                 | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)        | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)     | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) |
| 10                              | 0.00054             | 0.00033                    | 0.00023             | 0.00016                 | 0.00047             | 0.00338             | 0.00367             | 0.00311             |
| 20                              | 0.00227             | 0.00027                    | 0.00027             | 0.00014                 | 0.00023             | 0.00171             | 0.00243             | 0.00251             |
| 30                              | 0.00241             | 0.00021                    | 0.00033             | 0.00022                 | 0.00024             | 0.00227             | 0.00876             | 0.00921             |
| 40                              | 0.00262             | 0.00022                    | 0.00037             | 0.00029                 | 0.00032             | 0.00801             | 0.02034             | 0.02077             |
| 50                              | 0.00283             | 0.00019                    | 0.00025             | 0.00029                 | 0.00061             | 0.01218             | 0.02438             | 0.02534             |
| 60                              | 0.00107             | 0.00036                    | 0.00016             | 0.00023                 | 0.00182             | 0.02485             | 0.02516             | 0.01762             |
| 70                              | 0.00637             | 0.00024                    | 0.00019             | 0.00013                 | 0.00107             | 0.00936             | 0.02216             | 0.02169             |
| 80                              | 0.01357             | 0.00034                    | 0.00021             | 0.00019                 | 0.00054             | 0.05128             | 0.13281             | 0.13357             |
| 90                              | 0.00843             | 0.00055                    | 0.00028             | 0.00021                 | 0.00027             | 0.04138             | 0.06428             | 0.06316             |
| 100                             | 0.00264             | 0.00048                    | 0.00029             | 0.00011                 | 0.00051             | 0.01834             | 0.01935             | 0.01285             |
| 110                             | 0.00034             | 0.00021                    | 0.00027             | 0.00023                 | 0.00025             | 0.00491             | 0.01134             | 0.00402             |
| 120                             | 0.00227             | 0.00025                    | 0.00024             | 0.00024                 | 0.00026             | 0.01042             | 0.01426             | 0.01337             |
| 130                             | 0.00304             | 0.00019                    | 0.00056             | 0.00045                 | 0.00028             | 0.00876             | 0.00976             | 0.01436             |
| 140                             | 0.00173             | 0.00021                    | 0.00073             | 0.00051                 | 0.00052             | 0.00573             | 0.00701             | 0.00751             |
| 150                             | 0.00103             | 0.00027                    | 0.00064             | 0.00059                 | 0.00031             | 0.00356             | 0.00401             | 0.00375             |
| 160                             | 0.00103             | 0.00022                    | 0.00055             | 0.00033                 | 0.00051             | 0.00196             | 0.00232             | 0.00221             |
| 170                             | 0.00095             | 0.00025                    | 0.00066             | 0.00069                 | 0.00034             | 0.00112             | 0.00162             | 0.00172             |
| 180                             | 0.00082             | 0.00021                    | 0.00061             | 0.00057                 | 0.00031             | 0.00071             | 0.00103             | 0.00142             |
| Spatial Average<br>(mW/cm²)     | 0.002997778         | 0.000277778                | 0.00038             | 0.00031                 | 0.000492222         | 0.011662778         | 0.020816111         | 0.019899444         |
| Max Spatial Average<br>(mW/cm²) | 0.02082             |                            |                     |                         |                     |                     |                     |                     |
| MPE Limit (mW/cm²)              | 1                   |                            |                     |                         |                     |                     |                     |                     |



# RF Exposure Evaluation Report

Report No. : FA622328

| Test Mode                       | 11a                 | Test<br>Frequency<br>(MHz) | 5825                | MPE<br>Distance<br>(cm) | 47                  | Power<br>Setting    | 24                  |                     |
|---------------------------------|---------------------|----------------------------|---------------------|-------------------------|---------------------|---------------------|---------------------|---------------------|
| EUT Plane                       | Horizontal          |                            |                     |                         |                     |                     |                     |                     |
| Probe height (cm) \<br>Deg      | 0~45°               | 45~90°                     | 90~135°             | 135~180°                | 180~225°            | 225~270°            | 270~315°            | 315~360°            |
|                                 | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)        | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)     | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) |
| 150                             | 0.00264             | 0.00037                    | 0.00038             | 0.00233                 | 0.00272             | 0.03978             | 0.04136             | 0.00701             |
| Max PSD (mW/cm²)                | 0.04136             |                            |                     |                         |                     |                     |                     |                     |
| MPE Limit (mW/cm²)              | 1                   |                            |                     |                         |                     |                     |                     |                     |
| EUT Plane                       | Vertical            |                            |                     |                         |                     |                     |                     |                     |
| Probe height (cm) \<br>Deg      | 0~45°               | 45~90°                     | 90~135°             | 135~180°                | 180~225°            | 225~270°            | 270~315°            | 315~360°            |
|                                 | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)        | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)     | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) |
| 10                              | 0.00032             | 0.00021                    | 0.00017             | 0.00011                 | 0.00042             | 0.00321             | 0.00401             | 0.00333             |
| 20                              | 0.00094             | 0.00028                    | 0.00032             | 0.00014                 | 0.00044             | 0.00278             | 0.00361             | 0.00412             |
| 30                              | 0.00111             | 0.00026                    | 0.00028             | 0.00021                 | 0.00036             | 0.00111             | 0.00579             | 0.00601             |
| 40                              | 0.00255             | 0.00023                    | 0.00043             | 0.00031                 | 0.00028             | 0.00331             | 0.01352             | 0.01425             |
| 50                              | 0.00295             | 0.00022                    | 0.00025             | 0.00027                 | 0.00102             | 0.01112             | 0.01368             | 0.03025             |
| 60                              | 0.00222             | 0.00017                    | 0.00025             | 0.00032                 | 0.00153             | 0.02625             | 0.03217             | 0.02815             |
| 70                              | 0.00281             | 0.00052                    | 0.00023             | 0.00015                 | 0.00123             | 0.02412             | 0.02401             | 0.01524             |
| 80                              | 0.01348             | 0.00032                    | 0.00021             | 0.00017                 | 0.00042             | 0.02015             | 0.08736             | 0.09135             |
| 90                              | 0.01335             | 0.00043                    | 0.00022             | 0.00019                 | 0.00071             | 0.05172             | 0.01435             | 0.01251             |
| 100                             | 0.00443             | 0.00051                    | 0.00018             | 0.00016                 | 0.00015             | 0.01736             | 0.03215             | 0.03315             |
| 110                             | 0.00201             | 0.00051                    | 0.00014             | 0.00021                 | 0.00025             | 0.00913             | 0.02135             | 0.00602             |
| 120                             | 0.00072             | 0.00014                    | 0.00028             | 0.00023                 | 0.00053             | 0.00721             | 0.00832             | 0.00596             |
| 130                             | 0.00355             | 0.00021                    | 0.00029             | 0.00023                 | 0.00029             | 0.01013             | 0.01841             | 0.01832             |
| 140                             | 0.00234             | 0.00023                    | 0.00041             | 0.00062                 | 0.00041             | 0.00601             | 0.00853             | 0.00891             |
| 150                             | 0.00152             | 0.00025                    | 0.00038             | 0.00038                 | 0.00032             | 0.00412             | 0.00482             | 0.00536             |
| 160                             | 0.00132             | 0.00023                    | 0.00051             | 0.00047                 | 0.00037             | 0.00259             | 0.00272             | 0.00352             |
| 170                             | 0.00086             | 0.00017                    | 0.00061             | 0.00067                 | 0.00042             | 0.00164             | 0.00215             | 0.00204             |
| 180                             | 0.00132             | 0.00018                    | 0.00047             | 0.00028                 | 0.00034             | 0.00116             | 0.00175             | 0.00251             |
| Spatial Average<br>(mW/cm²)     | 0.003211111         | 0.000281667                | 0.000312778         | 0.000284444             | 0.000527222         | 0.011284444         | 0.016594444         | 0.016166667         |
| Max Spatial Average<br>(mW/cm²) | 0.01659             |                            |                     |                         |                     |                     |                     |                     |
| MPE Limit (mW/cm²)              | 1                   |                            |                     |                         |                     |                     |                     |                     |



# RF Exposure Evaluation Report

Report No. : FA622328

|                                 |                     |                            |                     |                         |                     |                     |                     |                     |
|---------------------------------|---------------------|----------------------------|---------------------|-------------------------|---------------------|---------------------|---------------------|---------------------|
| Test Mode                       | VHT 20              | Test<br>Frequency<br>(MHz) | 5200                | MPE<br>Distance<br>(cm) | 47                  | Power<br>Setting    | 24                  |                     |
| EUT Plane                       | Horizontal          |                            |                     |                         |                     |                     |                     |                     |
| Probe height (cm) \<br>Deg      | 0~45°               | 45~90°                     | 90~135°             | 135~180°                | 180~225°            | 225~270°            | 270~315°            | 315~360°            |
|                                 | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)        | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)     | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) |
| 80                              | 0.00214             | 0.00036                    | 0.00043             | 0.00052                 | 0.00621             | 0.10699             | 0.10721             | 0.01443             |
| Max PSD (mW/cm²)                | 0.10721             |                            |                     |                         |                     |                     |                     |                     |
| MPE Limit (mW/cm²)              | 1                   |                            |                     |                         |                     |                     |                     |                     |
| EUT Plane                       | Vertical            |                            |                     |                         |                     |                     |                     |                     |
| Probe height (cm) \<br>Deg      | 0~45°               | 45~90°                     | 90~135°             | 135~180°                | 180~225°            | 225~270°            | 270~315°            | 315~360°            |
|                                 | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)        | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)     | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) |
| 10                              | 0.00062             | 0.00102                    | 0.00073             | 0.00081                 | 0.00045             | 0.00302             | 0.00843             | 0.00863             |
| 20                              | 0.00117             | 0.00041                    | 0.00026             | 0.00055                 | 0.00052             | 0.00663             | 0.01243             | 0.01433             |
| 30                              | 0.00183             | 0.00072                    | 0.00083             | 0.00092                 | 0.00035             | 0.00467             | 0.01132             | 0.01433             |
| 40                              | 0.00163             | 0.00057                    | 0.00024             | 0.00068                 | 0.00061             | 0.00591             | 0.01532             | 0.01125             |
| 50                              | 0.00124             | 0.00049                    | 0.00091             | 0.00106                 | 0.00082             | 0.00753             | 0.02018             | 0.00714             |
| 60                              | 0.00483             | 0.00086                    | 0.00057             | 0.00055                 | 0.00032             | 0.00891             | 0.01242             | 0.00593             |
| 70                              | 0.01725             | 0.00111                    | 0.00052             | 0.00035                 | 0.00081             | 0.04518             | 0.07836             | 0.10351             |
| 80                              | 0.03229             | 0.00097                    | 0.00038             | 0.00072                 | 0.00326             | 0.34251             | 0.61352             | 0.60321             |
| 90                              | 0.01734             | 0.00082                    | 0.00035             | 0.00076                 | 0.00181             | 0.21852             | 0.34258             | 0.30215             |
| 100                             | 0.00333             | 0.00051                    | 0.00022             | 0.00022                 | 0.00053             | 0.00108             | 0.00353             | 0.00457             |
| 110                             | 0.00075             | 0.00029                    | 0.00021             | 0.00023                 | 0.00078             | 0.03128             | 0.04932             | 0.04769             |
| 120                             | 0.00164             | 0.00026                    | 0.00031             | 0.00019                 | 0.00077             | 0.01425             | 0.04328             | 0.04328             |
| 130                             | 0.00366             | 0.00027                    | 0.00024             | 0.00028                 | 0.00035             | 0.00531             | 0.02843             | 0.02852             |
| 140                             | 0.00304             | 0.00047                    | 0.00022             | 0.00015                 | 0.00027             | 0.00192             | 0.00962             | 0.00962             |
| 150                             | 0.00282             | 0.00048                    | 0.00071             | 0.00067                 | 0.00033             | 0.00083             | 0.00232             | 0.00183             |
| 160                             | 0.00072             | 0.00049                    | 0.00022             | 0.00052                 | 0.00013             | 0.00153             | 0.00222             | 0.00192             |
| 170                             | 0.00033             | 0.00024                    | 0.00042             | 0.00047                 | 0.00014             | 0.00221             | 0.00232             | 0.00134             |
| 180                             | 0.00042             | 0.00039                    | 0.00029             | 0.00041                 | 0.00016             | 0.00197             | 0.00192             | 0.00092             |
| Spatial Average<br>(mW/cm²)     | 0.005272778         | 0.000576111                | 0.000423889         | 0.00053                 | 0.000689444         | 0.03907             | 0.069862222         | 0.067231667         |
| Max Spatial Average<br>(mW/cm²) | 0.06986             |                            |                     |                         |                     |                     |                     |                     |
| MPE Limit (mW/cm²)              | 1                   |                            |                     |                         |                     |                     |                     |                     |



# RF Exposure Evaluation Report

Report No. : FA622328

|                                 |                     |                            |                     |                         |                     |                     |                     |                     |
|---------------------------------|---------------------|----------------------------|---------------------|-------------------------|---------------------|---------------------|---------------------|---------------------|
| Test Mode                       | VHT 20              | Test<br>Frequency<br>(MHz) | 5240                | MPE<br>Distance<br>(cm) | 47                  | Power<br>Setting    | 25.5                |                     |
| EUT Plane                       | Horizontal          |                            |                     |                         |                     |                     |                     |                     |
| Probe height (cm) \<br>Deg      | 0~45°               | 45~90°                     | 90~135°             | 135~180°                | 180~225°            | 225~270°            | 270~315°            | 315~360°            |
|                                 | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)        | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)     | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) |
| 70                              | 0.00194             | 0.00051                    | 0.00022             | 0.00082                 | 0.00176             | 0.02513             | 0.02736             | 0.00372             |
| Max PSD (mW/cm²)                | 0.02736             |                            |                     |                         |                     |                     |                     |                     |
| MPE Limit (mW/cm²)              | 1                   |                            |                     |                         |                     |                     |                     |                     |
| EUT Plane                       | Vertical            |                            |                     |                         |                     |                     |                     |                     |
| Probe height (cm) \<br>Deg      | 0~45°               | 45~90°                     | 90~135°             | 135~180°                | 180~225°            | 225~270°            | 270~315°            | 315~360°            |
|                                 | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)        | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)     | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) |
| 10                              | 0.00254             | 0.00097                    | 0.00097             | 0.00133                 | 0.00073             | 0.00463             | 0.00773             | 0.00752             |
| 20                              | 0.00132             | 0.00028                    | 0.00038             | 0.00041                 | 0.00079             | 0.00639             | 0.01826             | 0.01799             |
| 30                              | 0.00266             | 0.00085                    | 0.00132             | 0.00102                 | 0.00041             | 0.00611             | 0.02034             | 0.02571             |
| 40                              | 0.00163             | 0.00054                    | 0.00045             | 0.00134                 | 0.00146             | 0.00891             | 0.02536             | 0.02549             |
| 50                              | 0.00163             | 0.00042                    | 0.00158             | 0.00136                 | 0.00115             | 0.01179             | 0.03124             | 0.01823             |
| 60                              | 0.00601             | 0.00174                    | 0.00042             | 0.00054                 | 0.00044             | 0.01275             | 0.01536             | 0.01024             |
| 70                              | 0.03342             | 0.00099                    | 0.00058             | 0.00063                 | 0.00111             | 0.06621             | 0.12321             | 0.17216             |
| 80                              | 0.06135             | 0.00111                    | 0.00056             | 0.00073                 | 0.00362             | 0.30644             | 0.75362             | 0.75362             |
| 90                              | 0.03025             | 0.00187                    | 0.00032             | 0.00035                 | 0.00146             | 0.18367             | 0.40361             | 0.34215             |
| 100                             | 0.00258             | 0.00072                    | 0.00022             | 0.00023                 | 0.00056             | 0.00812             | 0.01035             | 0.00811             |
| 110                             | 0.00251             | 0.00025                    | 0.00027             | 0.00031                 | 0.00162             | 0.04325             | 0.08962             | 0.09021             |
| 120                             | 0.00536             | 0.00031                    | 0.00032             | 0.00035                 | 0.00063             | 0.01912             | 0.02385             | 0.06342             |
| 130                             | 0.00597             | 0.00057                    | 0.00021             | 0.00041                 | 0.00056             | 0.00888             | 0.03577             | 0.03627             |
| 140                             | 0.00512             | 0.00056                    | 0.00052             | 0.00029                 | 0.00037             | 0.00198             | 0.01593             | 0.01621             |
| 150                             | 0.00428             | 0.00113                    | 0.00074             | 0.00052                 | 0.00032             | 0.00072             | 0.00501             | 0.00286             |
| 160                             | 0.00071             | 0.00054                    | 0.00066             | 0.00084                 | 0.00019             | 0.00147             | 0.00267             | 0.00272             |
| 170                             | 0.00082             | 0.00039                    | 0.00057             | 0.00021                 | 0.00018             | 0.00214             | 0.00216             | 0.00185             |
| 180                             | 0.00026             | 0.00036                    | 0.00041             | 0.00051                 | 0.00019             | 0.00222             | 0.00222             | 0.00122             |
| Spatial Average<br>(mW/cm²)     | 0.009356667         | 0.000755556                | 0.000583333         | 0.000632222             | 0.000877222         | 0.0386              | 0.088128333         | 0.088665556         |
| Max Spatial Average<br>(mW/cm²) | 0.08867             |                            |                     |                         |                     |                     |                     |                     |
| MPE Limit (mW/cm²)              | 1                   |                            |                     |                         |                     |                     |                     |                     |



# RF Exposure Evaluation Report

Report No. : FA622328

|                              |                  |                      |                  |                   |                  |                  |                  |                  |
|------------------------------|------------------|----------------------|------------------|-------------------|------------------|------------------|------------------|------------------|
| Test Mode                    | VHT 20           | Test Frequency (MHz) | 5745             | MPE Distance (cm) | 47               | Power Setting    | 24               |                  |
| 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) |
| 150                          | 0.00503          | 0.00038              | 0.00039          | 0.00555           | 0.00817          | 0.06932          | 0.07082          | 0.01112          |
| Max PSD (mW/cm²)             | 0.07082          |                      |                  |                   |                  |                  |                  |                  |
| 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                           | 0.00095          | 0.00042              | 0.00022          | 0.00026           | 0.00041          | 0.00232          | 0.00316          | 0.00416          |
| 20                           | 0.00151          | 0.00085              | 0.00064          | 0.00073           | 0.00039          | 0.00432          | 0.00458          | 0.00512          |
| 30                           | 0.00533          | 0.00079              | 0.00044          | 0.00049           | 0.00052          | 0.00071          | 0.00501          | 0.00822          |
| 40                           | 0.00628          | 0.00055              | 0.00062          | 0.00062           | 0.00049          | 0.00421          | 0.02081          | 0.02135          |
| 50                           | 0.00492          | 0.00033              | 0.00029          | 0.00037           | 0.00067          | 0.01341          | 0.03825          | 0.04468          |
| 60                           | 0.00302          | 0.00046              | 0.00049          | 0.00045           | 0.00155          | 0.03483          | 0.03173          | 0.03265          |
| 70                           | 0.00444          | 0.00041              | 0.00018          | 0.00016           | 0.00095          | 0.02265          | 0.02055          | 0.02541          |
| 80                           | 0.01865          | 0.00042              | 0.00062          | 0.00014           | 0.00034          | 0.03146          | 0.14382          | 0.15734          |
| 90                           | 0.00143          | 0.00047              | 0.00036          | 0.00022           | 0.00029          | 0.06782          | 0.14233          | 0.15376          |
| 100                          | 0.00394          | 0.00091              | 0.00033          | 0.00024           | 0.00023          | 0.02077          | 0.03015          | 0.03422          |
| 110                          | 0.00145          | 0.00051              | 0.00033          | 0.00023           | 0.00029          | 0.00831          | 0.02015          | 0.00744          |
| 120                          | 0.00223          | 0.00022              | 0.00019          | 0.00038           | 0.00033          | 0.00793          | 0.01243          | 0.01214          |
| 130                          | 0.00497          | 0.00026              | 0.00052          | 0.00038           | 0.00032          | 0.01011          | 0.02935          | 0.02911          |
| 140                          | 0.00337          | 0.00033              | 0.00073          | 0.00086           | 0.00053          | 0.00791          | 0.01546          | 0.01622          |
| 150                          | 0.00264          | 0.00029              | 0.00096          | 0.00091           | 0.00057          | 0.00488          | 0.00506          | 0.00766          |
| 160                          | 0.00193          | 0.00033              | 0.00101          | 0.00091           | 0.00039          | 0.00375          | 0.00486          | 0.00458          |
| 170                          | 0.00124          | 0.00044              | 0.00068          | 0.00068           | 0.00041          | 0.00201          | 0.00312          | 0.00183          |
| 180                          | 0.00094          | 0.00033              | 0.00084          | 0.00084           | 0.00039          | 0.00121          | 0.00263          | 0.00173          |
| Spatial Average (mW/cm²)     | 0.003846667      | 0.000462222          | 0.000525         | 0.000492778       | 0.000503889      | 0.013811667      | 0.029636111      | 0.031534444      |
| Max Spatial Average (mW/cm²) | 0.03153          |                      |                  |                   |                  |                  |                  |                  |
| MPE Limit (mW/cm²)           | 1                |                      |                  |                   |                  |                  |                  |                  |



# RF Exposure Evaluation Report

Report No. : FA622328

| Test Mode                       | VHT 20              | Test<br>Frequency<br>(MHz) | 5785                | MPE<br>Distance<br>(cm) | 47                  | Power<br>Setting    | 23                  |                     |
|---------------------------------|---------------------|----------------------------|---------------------|-------------------------|---------------------|---------------------|---------------------|---------------------|
| EUT Plane                       | Horizontal          |                            |                     |                         |                     |                     |                     |                     |
| Probe height (cm) \<br>Deg      | 0~45°               | 45~90°                     | 90~135°             | 135~180°                | 180~225°            | 225~270°            | 270~315°            | 315~360°            |
|                                 | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)        | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)     | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) |
| 140                             | 0.00224             | 0.00019                    | 0.00028             | 0.00261                 | 0.00366             | 0.03774             | 0.03774             | 0.00715             |
| Max PSD (mW/cm²)                | 0.03774             |                            |                     |                         |                     |                     |                     |                     |
| MPE Limit (mW/cm²)              | 1                   |                            |                     |                         |                     |                     |                     |                     |
| EUT Plane                       | Vertical            |                            |                     |                         |                     |                     |                     |                     |
| Probe height (cm) \<br>Deg      | 0~45°               | 45~90°                     | 90~135°             | 135~180°                | 180~225°            | 225~270°            | 270~315°            | 315~360°            |
|                                 | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)        | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)     | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) |
| 10                              | 0.00039             | 0.00025                    | 0.00015             | 0.00012                 | 0.00038             | 0.00224             | 0.00322             | 0.00258             |
| 20                              | 0.00077             | 0.00031                    | 0.00025             | 0.00028                 | 0.00045             | 0.00248             | 0.00257             | 0.00272             |
| 30                              | 0.00205             | 0.00024                    | 0.00023             | 0.00015                 | 0.00026             | 0.00072             | 0.00412             | 0.00531             |
| 40                              | 0.00249             | 0.00017                    | 0.00026             | 0.00027                 | 0.00022             | 0.00225             | 0.01065             | 0.01062             |
| 50                              | 0.00224             | 0.00017                    | 0.00027             | 0.00026                 | 0.00043             | 0.00859             | 0.02146             | 0.02146             |
| 60                              | 0.00147             | 0.00018                    | 0.00019             | 0.00025                 | 0.00107             | 0.01823             | 0.02014             | 0.01822             |
| 70                              | 0.00302             | 0.00044                    | 0.00017             | 0.00014                 | 0.00101             | 0.01635             | 0.01522             | 0.01272             |
| 80                              | 0.00981             | 0.00023                    | 0.00029             | 0.00013                 | 0.00043             | 0.01849             | 0.07324             | 0.07937             |
| 90                              | 0.00961             | 0.00033                    | 0.00017             | 0.00016                 | 0.00047             | 0.04851             | 0.09021             | 0.08736             |
| 100                             | 0.00287             | 0.00049                    | 0.00025             | 0.00011                 | 0.00016             | 0.01435             | 0.01924             | 0.02018             |
| 110                             | 0.00133             | 0.00035                    | 0.00012             | 0.00018                 | 0.00028             | 0.00564             | 0.01212             | 0.00479             |
| 120                             | 0.00102             | 0.00025                    | 0.00029             | 0.00039                 | 0.00041             | 0.00751             | 0.00855             | 0.00662             |
| 130                             | 0.00262             | 0.00015                    | 0.00014             | 0.00018                 | 0.00019             | 0.00739             | 0.01217             | 0.01217             |
| 140                             | 0.00187             | 0.00021                    | 0.00027             | 0.00045                 | 0.00045             | 0.00542             | 0.00741             | 0.00792             |
| 150                             | 0.00113             | 0.00019                    | 0.00037             | 0.00029                 | 0.00028             | 0.00348             | 0.00402             | 0.00333             |
| 160                             | 0.00099             | 0.00017                    | 0.00072             | 0.00053                 | 0.00024             | 0.00201             | 0.00838             | 0.00246             |
| 170                             | 0.00071             | 0.00028                    | 0.00061             | 0.00061                 | 0.00031             | 0.00101             | 0.00142             | 0.00168             |
| 180                             | 0.00067             | 0.00019                    | 0.00048             | 0.00046                 | 0.00024             | 0.00056             | 0.00092             | 0.00121             |
| Spatial Average<br>(mW/cm²)     | 0.002503333         | 0.000255556                | 0.000290556         | 0.000275556             | 0.000404444         | 0.009179444         | 0.017503333         | 0.016706667         |
| Max Spatial Average<br>(mW/cm²) | 0.01750             |                            |                     |                         |                     |                     |                     |                     |
| MPE Limit (mW/cm²)              | 1                   |                            |                     |                         |                     |                     |                     |                     |





# RF Exposure Evaluation Report

Report No. : FA622328

|                              |                  |                      |                  |                   |                  |                  |                  |                  |
|------------------------------|------------------|----------------------|------------------|-------------------|------------------|------------------|------------------|------------------|
| Test Mode                    | VHT 20           | Test Frequency (MHz) | 5825             | MPE Distance (cm) | 47               | Power Setting    | 23               |                  |
| 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) |
| 140                          | 0.00204          | 0.00015              | 0.00021          | 0.00168           | 0.00574          | 0.03178          | 0.03369          | 0.00778          |
| Max PSD (mW/cm²)             | 0.03369          |                      |                  |                   |                  |                  |                  |                  |
| 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                           | 0.00045          | 0.0001               | 0.00013          | 0.00011           | 0.00028          | 0.00237          | 0.00275          | 0.00163          |
| 20                           | 0.00111          | 0.00016              | 0.00014          | 0.00012           | 0.00021          | 0.00019          | 0.00184          | 0.00171          |
| 30                           | 0.00145          | 0.00012              | 0.00016          | 0.00013           | 0.00021          | 0.00117          | 0.00519          | 0.00543          |
| 40                           | 0.0012           | 0.00013              | 0.00029          | 0.00028           | 0.00023          | 0.00415          | 0.01417          | 0.01437          |
| 50                           | 0.00194          | 0.00016              | 0.00015          | 0.00019           | 0.00051          | 0.00817          | 0.01845          | 0.02023          |
| 60                           | 0.00078          | 0.00027              | 0.00012          | 0.00018           | 0.00083          | 0.01624          | 0.01947          | 0.01234          |
| 70                           | 0.00471          | 0.00021              | 0.00016          | 0.00013           | 0.00094          | 0.00823          | 0.01163          | 0.02134          |
| 80                           | 0.01002          | 0.00018              | 0.00013          | 0.00011           | 0.00043          | 0.02843          | 0.08121          | 0.08951          |
| 90                           | 0.00687          | 0.00037              | 0.00017          | 0.00012           | 0.00041          | 0.02447          | 0.05013          | 0.05274          |
| 100                          | 0.00248          | 0.00038              | 0.00023          | 0.00009           | 0.00023          | 0.01177          | 0.01352          | 0.00984          |
| 110                          | 0.00037          | 0.00012              | 0.00018          | 0.00015           | 0.00019          | 0.00544          | 0.01064          | 0.00384          |
| 120                          | 0.00106          | 0.00011              | 0.00012          | 0.00014           | 0.00013          | 0.00745          | 0.00985          | 0.00784          |
| 130                          | 0.00183          | 0.00014              | 0.00032          | 0.00024           | 0.00023          | 0.00619          | 0.01085          | 0.01021          |
| 140                          | 0.00125          | 0.00015              | 0.00047          | 0.00037           | 0.00033          | 0.00308          | 0.00395          | 0.00369          |
| 150                          | 0.00087          | 0.00014              | 0.00041          | 0.00037           | 0.00023          | 0.00221          | 0.00232          | 0.00221          |
| 160                          | 0.00081          | 0.00013              | 0.00025          | 0.00018           | 0.00022          | 0.00117          | 0.00134          | 0.00162          |
| 170                          | 0.00072          | 0.00016              | 0.00037          | 0.00033           | 0.00024          | 0.00089          | 0.00125          | 0.00151          |
| 180                          | 0.00081          | 0.00011              | 0.00023          | 0.00018           | 0.00016          | 0.00061          | 0.00102          | 0.00149          |
| Spatial Average (mW/cm²)     | 0.002151667      | 0.000174444          | 0.000223889      | 0.00019           | 0.000333889      | 0.007346111      | 0.014421111      | 0.014530556      |
| Max Spatial Average (mW/cm²) | 0.01453          |                      |                  |                   |                  |                  |                  |                  |
| MPE Limit (mW/cm²)           | 1                |                      |                  |                   |                  |                  |                  |                  |



# RF Exposure Evaluation Report

Report No. : FA622328

|                                 |                     |                            |                     |                         |                     |                     |                     |                     |
|---------------------------------|---------------------|----------------------------|---------------------|-------------------------|---------------------|---------------------|---------------------|---------------------|
| Test Mode                       | VHT 40              | Test<br>Frequency<br>(MHz) | 5755                | MPE<br>Distance<br>(cm) | 47                  | Power<br>Setting    | 25.5                |                     |
| EUT Plane                       | Horizontal          |                            |                     |                         |                     |                     |                     |                     |
| Probe height (cm) \<br>Deg      | 0~45°               | 45~90°                     | 90~135°             | 135~180°                | 180~225°            | 225~270°            | 270~315°            | 315~360°            |
|                                 | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)        | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)     | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) |
| 140                             | 0.00411             | 0.00021                    | 0.00017             | 0.000424                | 0.01125             | 0.05034             | 0.0572              | 0.01231             |
| Max PSD (mW/cm²)                | 0.05720             |                            |                     |                         |                     |                     |                     |                     |
| MPE Limit (mW/cm²)              | 1                   |                            |                     |                         |                     |                     |                     |                     |
| EUT Plane                       | Vertical            |                            |                     |                         |                     |                     |                     |                     |
| Probe height (cm) \<br>Deg      | 0~45°               | 45~90°                     | 90~135°             | 135~180°                | 180~225°            | 225~270°            | 270~315°            | 315~360°            |
|                                 | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)        | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)     | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) |
| 10                              | 0.00084             | 0.00038                    | 0.00018             | 0.00019                 | 0.00027             | 0.00112             | 0.00137             | 0.00265             |
| 20                              | 0.00119             | 0.00031                    | 0.00016             | 0.00018                 | 0.00053             | 0.00330             | 0.00526             | 0.00614             |
| 30                              | 0.00374             | 0.00022                    | 0.00034             | 0.00018                 | 0.00023             | 0.00145             | 0.00751             | 0.01298             |
| 40                              | 0.00487             | 0.00021                    | 0.00029             | 0.00031                 | 0.00046             | 0.00735             | 0.02191             | 0.02416             |
| 50                              | 0.00397             | 0.00038                    | 0.00022             | 0.00029                 | 0.00107             | 0.01784             | 0.04218             | 0.04002             |
| 60                              | 0.00104             | 0.00034                    | 0.00014             | 0.00027                 | 0.00165             | 0.03217             | 0.03239             | 0.01624             |
| 70                              | 0.00943             | 0.00035                    | 0.00012             | 0.00011                 | 0.00053             | 0.01148             | 0.03814             | 0.05312             |
| 80                              | 0.01784             | 0.00037                    | 0.00021             | 0.00012                 | 0.00025             | 0.05246             | 0.20174             | 0.20547             |
| 90                              | 0.00986             | 0.00067                    | 0.00031             | 0.00012                 | 0.00025             | 0.04735             | 0.09814             | 0.08762             |
| 100                             | 0.00328             | 0.00059                    | 0.00026             | 0.00019                 | 0.00017             | 0.01732             | 0.02175             | 0.01607             |
| 110                             | 0.00089             | 0.00018                    | 0.00028             | 0.00032                 | 0.00045             | 0.00322             | 0.01072             | 0.00715             |
| 120                             | 0.00335             | 0.00019                    | 0.00021             | 0.00025                 | 0.00024             | 0.01101             | 0.02147             | 0.02125             |
| 130                             | 0.00407             | 0.00023                    | 0.00027             | 0.00037                 | 0.00026             | 0.00934             | 0.02258             | 0.02024             |
| 140                             | 0.00287             | 0.00008                    | 0.00037             | 0.00047                 | 0.00027             | 0.00707             | 0.01034             | 0.01237             |
| 150                             | 0.00187             | 0.00023                    | 0.00051             | 0.00049                 | 0.00037             | 0.00428             | 0.00618             | 0.00678             |
| 160                             | 0.00161             | 0.00031                    | 0.00117             | 0.00101                 | 0.00043             | 0.00345             | 0.00487             | 0.00377             |
| 170                             | 0.00091             | 0.00043                    | 0.00072             | 0.00057                 | 0.00039             | 0.00148             | 0.00263             | 0.00201             |
| 180                             | 0.00083             | 0.00029                    | 0.00052             | 0.00073                 | 0.00034             | 0.00127             | 0.00237             | 0.00161             |
| Spatial Average<br>(mW/cm²)     | 0.004025556         | 0.00032                    | 0.000348889         | 0.000342778             | 0.000453333         | 0.012942222         | 0.030641667         | 0.029980556         |
| Max Spatial Average<br>(mW/cm²) | 0.03064             |                            |                     |                         |                     |                     |                     |                     |
| MPE Limit (mW/cm²)              | 1                   |                            |                     |                         |                     |                     |                     |                     |



# RF Exposure Evaluation Report

Report No. : FA622328

|                              |                  |                      |                  |                   |                  |                  |                  |                  |
|------------------------------|------------------|----------------------|------------------|-------------------|------------------|------------------|------------------|------------------|
| Test Mode                    | VHT 40           | Test Frequency (MHz) | 5795             | MPE Distance (cm) | 47               | Power Setting    | 25.5             |                  |
| 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) |
| 140                          | 0.00281          | 0.00025              | 0.00026          | 0.00245           | 0.00658          | 0.04321          | 0.04346          | 0.00875          |
| Max PSD (mW/cm²)             | 0.04346          |                      |                  |                   |                  |                  |                  |                  |
| 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                           | 0.00055          | 0.00043              | 0.00011          | 0.00013           | 0.00054          | 0.00214          | 0.00412          | 0.00366          |
| 20                           | 0.00181          | 0.00034              | 0.00015          | 0.00011           | 0.00026          | 0.00247          | 0.00307          | 0.00303          |
| 30                           | 0.00267          | 0.00022              | 0.00023          | 0.00014           | 0.00023          | 0.00114          | 0.00865          | 0.00913          |
| 40                           | 0.00247          | 0.00014              | 0.00047          | 0.00023           | 0.00048          | 0.00739          | 0.02137          | 0.01741          |
| 50                           | 0.00309          | 0.00021              | 0.00025          | 0.00016           | 0.00057          | 0.01487          | 0.02847          | 0.02915          |
| 60                           | 0.00118          | 0.00037              | 0.00021          | 0.00019           | 0.00143          | 0.02931          | 0.02145          | 0.01725          |
| 70                           | 0.00741          | 0.00023              | 0.00018          | 0.00013           | 0.00101          | 0.01125          | 0.02254          | 0.03452          |
| 80                           | 0.01456          | 0.00021              | 0.00015          | 0.00012           | 0.00031          | 0.04531          | 0.14367          | 0.11253          |
| 90                           | 0.00923          | 0.00046              | 0.00016          | 0.00017           | 0.00028          | 0.04123          | 0.07412          | 0.07051          |
| 100                          | 0.00289          | 0.00047              | 0.00024          | 0.00017           | 0.00031          | 0.01789          | 0.02023          | 0.01436          |
| 110                          | 0.00031          | 0.00028              | 0.00012          | 0.00023           | 0.00021          | 0.00454          | 0.01421          | 0.00431          |
| 120                          | 0.00243          | 0.00017              | 0.00018          | 0.00021           | 0.00028          | 0.00913          | 0.01413          | 0.00431          |
| 130                          | 0.00292          | 0.00013              | 0.00034          | 0.00037           | 0.00017          | 0.00715          | 0.01042          | 0.01512          |
| 140                          | 0.00184          | 0.00018              | 0.00053          | 0.00061           | 0.00048          | 0.00532          | 0.00623          | 0.00723          |
| 150                          | 0.00116          | 0.00027              | 0.00009          | 0.00052           | 0.00028          | 0.00341          | 0.00432          | 0.00345          |
| 160                          | 0.00112          | 0.00036              | 0.00039          | 0.00029           | 0.00013          | 0.00186          | 0.00241          | 0.00226          |
| 170                          | 0.00096          | 0.00021              | 0.00062          | 0.00069           | 0.00031          | 0.00078          | 0.00134          | 0.00165          |
| 180                          | 0.00108          | 0.00018              | 0.00056          | 0.00028           | 0.00017          | 0.00069          | 0.00131          | 0.00171          |
| Spatial Average (mW/cm²)     | 0.003204444      | 0.00027              | 0.000276667      | 0.000263889       | 0.000413889      | 0.011437778      | 0.022336667      | 0.019532778      |
| Max Spatial Average (mW/cm²) | 0.02234          |                      |                  |                   |                  |                  |                  |                  |
| MPE Limit (mW/cm²)           | 1                |                      |                  |                   |                  |                  |                  |                  |



# RF Exposure Evaluation Report

Report No. : FA622328

|                                 |                     |                            |                     |                         |                     |                     |                     |                     |
|---------------------------------|---------------------|----------------------------|---------------------|-------------------------|---------------------|---------------------|---------------------|---------------------|
| Test Mode                       | VHT 80              | Test<br>Frequency<br>(MHz) | 5775                | MPE<br>Distance<br>(cm) | 47                  | Power<br>Setting    | 24.5                |                     |
| EUT Plane                       | Horizontal          |                            |                     |                         |                     |                     |                     |                     |
| Probe height (cm) \<br>Deg      | 0~45°               | 45~90°                     | 90~135°             | 135~180°                | 180~225°            | 225~270°            | 270~315°            | 315~360°            |
|                                 | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)        | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)     | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) |
| 140                             | 0.00301             | 0.00021                    | 0.00023             | 0.00308                 | 0.00752             | 0.03742             | 0.04125             | 0.00452             |
| Max PSD (mW/cm²)                | 0.04125             |                            |                     |                         |                     |                     |                     |                     |
| MPE Limit (mW/cm²)              | 1                   |                            |                     |                         |                     |                     |                     |                     |
| EUT Plane                       | Vertical            |                            |                     |                         |                     |                     |                     |                     |
| Probe height (cm) \<br>Deg      | 0~45°               | 45~90°                     | 90~135°             | 135~180°                | 180~225°            | 225~270°            | 270~315°            | 315~360°            |
|                                 | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)        | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²)     | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) | Max PSD<br>(mW/cm²) |
| 10                              | 0.00055             | 0.00036                    | 0.00012             | 0.00016                 | 0.00027             | 0.00154             | 0.00212             | 0.00245             |
| 20                              | 0.00134             | 0.00035                    | 0.00012             | 0.00007                 | 0.00033             | 0.00257             | 0.00387             | 0.00481             |
| 30                              | 0.00279             | 0.00031                    | 0.00029             | 0.00015                 | 0.00029             | 0.00113             | 0.00613             | 0.00731             |
| 40                              | 0.00381             | 0.00018                    | 0.00025             | 0.00011                 | 0.00029             | 0.00601             | 0.01613             | 0.01825             |
| 50                              | 0.00417             | 0.00019                    | 0.00021             | 0.00018                 | 0.00078             | 0.01132             | 0.02142             | 0.03074             |
| 60                              | 0.00167             | 0.00038                    | 0.00011             | 0.00025                 | 0.00121             | 0.02603             | 0.02014             | 0.01424             |
| 70                              | 0.01042             | 0.00021                    | 0.00017             | 0.00013                 | 0.00062             | 0.00912             | 0.02419             | 0.03801             |
| 80                              | 0.01574             | 0.00022                    | 0.00021             | 0.00012                 | 0.00018             | 0.04072             | 0.14352             | 0.15754             |
| 90                              | 0.00928             | 0.00078                    | 0.00033             | 0.00014                 | 0.00018             | 0.03517             | 0.05071             | 0.06217             |
| 100                             | 0.00295             | 0.00045                    | 0.00025             | 0.00013                 | 0.00015             | 0.01257             | 0.01258             | 0.01046             |
| 110                             | 0.00106             | 0.00026                    | 0.00012             | 0.00023                 | 0.00021             | 0.00337             | 0.01075             | 0.00434             |
| 120                             | 0.00246             | 0.00026                    | 0.00016             | 0.00017                 | 0.00015             | 0.00734             | 0.01372             | 0.01486             |
| 130                             | 0.00286             | 0.00012                    | 0.00031             | 0.00038                 | 0.00037             | 0.00451             | 0.01425             | 0.01542             |
| 140                             | 0.00206             | 0.00018                    | 0.00045             | 0.00031                 | 0.00042             | 0.00401             | 0.00546             | 0.00745             |
| 150                             | 0.00151             | 0.00024                    | 0.00043             | 0.00061                 | 0.00024             | 0.00192             | 0.00394             | 0.00321             |
| 160                             | 0.00127             | 0.00011                    | 0.00054             | 0.00026                 | 0.00017             | 0.00181             | 0.00131             | 0.00209             |
| 170                             | 0.00086             | 0.00013                    | 0.00047             | 0.00051                 | 0.00025             | 0.00065             | 0.00101             | 0.00116             |
| 180                             | 0.00085             | 0.00012                    | 0.00052             | 0.00042                 | 0.00019             | 0.00061             | 0.00113             | 0.00094             |
| Spatial Average<br>(mW/cm²)     | 0.003647222         | 0.000269444                | 0.000281111         | 0.000240556             | 0.00035             | 0.009466667         | 0.019576667         | 0.021969444         |
| Max Spatial Average<br>(mW/cm²) | 0.02197             |                            |                     |                         |                     |                     |                     |                     |
| MPE Limit (mW/cm²)              | 1                   |                            |                     |                         |                     |                     |                     |                     |



## 2.6 List of Measuring Equipments

| Instrument      | Manufacturer | Model No. | Serial No. | Characteristics | Calibration Date | Remark    |
|-----------------|--------------|-----------|------------|-----------------|------------------|-----------|
| Isotropic Probe | ETS-LINDGREN | HI-6105   | 00130664   | 100kHz-6GHz     | Oct. 10, 2016    | 03CH01-CB |

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