

# FCC Radio Test Report

## FCC ID: QIST1-A22L

This report concerns (check one): ☒ Original Grant ☐ Class II Change

**Project No.** : 1509C205  
**Equipment** : HUAWEI MediaPad T1 10  
**Model Name** : T1-A22L  
**Applicant** : Huawei Technologies Co.,Ltd.  
**Address** : Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District Shenzhen China

**Date of Receipt** : Sep. 15, 2015  
**Date of Test** : Sep. 15, 2015 ~ Oct. 21, 2015  
**Issued Date** : Oct. 22, 2015  
**Tested by** : BTL Inc.

**Testing Engineer**

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# **B T L I N C .**

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### **Declaration**

**BTL** represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with the standards traceable to National Measurement Laboratory (**NML**) of **R.O.C.**, or National Institute of Standards and Technology (**NIST**) of **U.S.A.**

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### **Limitation**

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### REPORT ISSUED HISTORY

| Issued No.          | Description     | Issued Date   |
|---------------------|-----------------|---------------|
| BTL-FCCP-1-1509C205 | Original Issue. | Oct. 22, 2015 |

## 1. CERTIFICATION

Equipment : HUAWEI MediaPad T1 10  
Brand Name : HUAWEI  
Model Name : T1-A22L  
Applicant : Huawei Technologies Co.,Ltd.  
Manufacturer: Huawei Technologies Co.,Ltd.  
Address : Administration Building, Headquarters of Huawei Technologies Co., Ltd.,  
Bantian, Longgang District Shenzhen China  
Factory : Huawei Technologies Co.,Ltd.  
Address : Administration Building, Headquarters of Huawei Technologies Co., Ltd.,  
Bantian, Longgang District Shenzhen China  
Date of Test : Sep. 15, 2015 ~ Oct. 21, 2015  
Test Sample : Engineering Sample  
Standard(s) : FCC Part15, Subpart E(15.407) / ANSI C63.10-2013

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-1-1509C205) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

## 2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

| FCC Part15, Subpart E  |                                   |          |        |
|------------------------|-----------------------------------|----------|--------|
| Standard(s)<br>Section | Test Item                         | Judgment | Remark |
| 15.207                 | AC Power Line Conducted Emissions | PASS     |        |
| 15.407(a)              | Radiated Emissions                | PASS     |        |

**NOTE:**

(1)" N/A" denotes test is not applicable in this test report.

## 2.1 TEST FACILITY

The test facilities used to collect the test data in this report is **DG-C02/DG-CB03** at the location of No.3, Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.

BTL's test firm number for FCC: 319330

## 2.2 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2 .The BTL measurement uncertainty is less than the CISPR 16-4-2  $U_{\text{CISPR}}$  requirement.

The reported uncertainty of measurement  $y \pm U$ , where expanded uncertainty  $U$  is based on a standard uncertainty multiplied by a coverage factor of  $k=2$ , providing a level of confidence of approximately **95%**.

### A. Conducted Measurement:

| Test Site | Method | Measurement Frequency Range | $U$ , (dB) |
|-----------|--------|-----------------------------|------------|
| DG-C02    | CISPR  | 150 kHz ~ 30MHz             | 2.32       |

### B. Radiated Measurement:

| Test Site       | Method | Measurement Frequency Range | Ant.<br>H / V | $U$ , (dB) |
|-----------------|--------|-----------------------------|---------------|------------|
| DG-CB03<br>(3m) | CISPR  | 9KHz ~ 30MHz                | V             | 3.79       |
|                 |        | 9KHz ~ 30MHz                | H             | 3.57       |
|                 |        | 30MHz ~ 200MHz              | V             | 3.82       |
|                 |        | 30MHz ~ 200MHz              | H             | 3.78       |
|                 |        | 200MHz ~ 1,000MHz           | V             | 4.10       |
|                 |        | 200MHz ~ 1,000MHz           | H             | 4.06       |

| Test Site       | Method | Measurement Frequency Range | Ant.<br>H / V | $U$ , (dB) |
|-----------------|--------|-----------------------------|---------------|------------|
| DG-CB03<br>(3m) | CISPR  | 1GHz ~ 18GHz                | V             | 3.12       |
|                 |        | 1GHz ~ 18GHz                | H             | 3.68       |
|                 |        | 18GHz ~ 40GHz               | V             | 4.15       |
|                 |        | 18GHz ~ 40GHz               | H             | 4.14       |

### 3. GENERAL INFORMATION

#### 3.1 GENERAL DESCRIPTION OF EUT

|                     |                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Equipment           | HUAWEI MediaPad T1 10                                                                                                                                                                                                                                                                                                                                                   |                                                                                                |
| Brand Name          | HUAWEI                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                |
| Model Name          | T1-A22L                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                |
| Mode Different      | N/A                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                |
| Product Description | Operation Frequency                                                                                                                                                                                                                                                                                                                                                     | UNII-1: 5150-5250MHz<br>UNII-2A: 5250-5350MHz<br>UNII-2C: 5470-5725MHz<br>UNII-3: 5725-5850MHz |
|                     | Modulation Type                                                                                                                                                                                                                                                                                                                                                         | OFDM                                                                                           |
|                     | Bit Rate of Transmitter                                                                                                                                                                                                                                                                                                                                                 | 150Mbps                                                                                        |
| Power Source        | #1 DC Voltage supplied from AC/DC adapter.<br>Manufacturer:<br>(1) HUIZHOU BYD ELECTRONIC CO., LTD.<br>(2) Shenzhen Huntkey Electric Co., Ltd.<br>(3) DONGGUAN PHITEK ELECTRONICS CO.,LTD<br>(4) DONGGUAN CITY YINYJU ELECTRONICS.,LTD<br>Model: HW-050100U01<br>#2 Supplied from battery.<br>Manufacturer: Huawei Technologies Co., Ltd.<br>Battery Model: HB3080G1EBW |                                                                                                |
| Power Rating        | #1 I/P: ~100-240V 50/60Hz ,0.2A<br>O/P: 5V == 1A<br>#2 DC 3.8V 4800mAh                                                                                                                                                                                                                                                                                                  |                                                                                                |

Note:

- For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.
- 

| Item      | Mfr/Brand                               | Model.        |
|-----------|-----------------------------------------|---------------|
| USB Cable | Shen Zhen Pang Ngai Industrial Co.,Ltd. | H09-000473    |
|           | HONGLIN TECHNOLOGY CO.,LTD              | 130-41040     |
| Earphone  | GoerTek Inc                             | HG-04         |
|           | MERRY ELECTRONICS CO., LTD              | EMC323-011-01 |

### 3. Channel List:

| 802.11a<br>802.11n 20MHz |                 | 802.11n 40MHz |                 |
|--------------------------|-----------------|---------------|-----------------|
| UNII-1                   |                 | UNII-1        |                 |
| Channel                  | Frequency (MHz) | Channel       | Frequency (MHz) |
| 36                       | 5180            | 38            | 5190            |
| 40                       | 5200            | 46            | 5230            |
| 44                       | 5220            |               |                 |
| 48                       | 5240            |               |                 |

| 802.11a<br>802.11n 20MHz |                 | 802.11n 40MHz |                 |
|--------------------------|-----------------|---------------|-----------------|
| UNII-2A                  |                 | UNII-2A       |                 |
| Channel                  | Frequency (MHz) | Channel       | Frequency (MHz) |
| 52                       | 5260            | 54            | 5270            |
| 56                       | 5280            | 62            | 5310            |
| 60                       | 5300            |               |                 |
| 64                       | 5320            |               |                 |

| 802.11a<br>802.11n 20MHz |                 | 802.11n 40MHz |                 |
|--------------------------|-----------------|---------------|-----------------|
| UNII-2C                  |                 | UNII-2C       |                 |
| Channel                  | Frequency (MHz) | Channel       | Frequency (MHz) |
| 100                      | 5500            | 102           | 5510            |
| 104                      | 5520            | 110           | 5550            |
| 108                      | 5540            | 118           | 5590            |
| 112                      | 5560            | 126           | 5630            |
| 116                      | 5580            | 134           | 5670            |
| 132                      | 5660            |               |                 |
| 136                      | 5680            |               |                 |
| 140                      | 5700            |               |                 |

| 802.11a<br>802.11n 20MHz |                 | 802.11n 40MHz |                 |
|--------------------------|-----------------|---------------|-----------------|
| UNII-3                   |                 | UNII-3        |                 |
| Channel                  | Frequency (MHz) | Channel I     | Frequency (MHz) |
| 149                      | 5745            | 151           | 5755            |
| 153                      | 5765            | 159           | 5795            |
| 157                      | 5785            |               |                 |
| 161                      | 5805            |               |                 |
| 165                      | 5825            |               |                 |

### 3.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

| Pretest Mode | Description                                 |
|--------------|---------------------------------------------|
| Mode 1       | TX A Mode / CH36, CH40, CH48 (UNII-1)       |
| Mode 2       | TX N20 Mode / CH36, CH40, CH48 (UNII-1)     |
| Mode 3       | TX N40 Mode / CH38, CH46 (UNII-1)           |
| Mode 4       | TX A Mode / CH52, CH60, CH64 (UNII-2A)      |
| Mode 5       | TX N20 Mode / CH52, CH60, CH64 (UNII-2A)    |
| Mode 6       | TX N40 Mode / CH54, CH62 (UNII-2A)          |
| Mode 7       | TX A Mode / CH100, CH116, CH140 (UNII-2C)   |
| Mode 8       | TX N20 Mode / CH100, CH116, CH140 (UNII-2C) |
| Mode 9       | TX N40 Mode / CH102, CH110, CH134 (UNII-2C) |
| Mode 10      | TX A Mode / CH149,CH157,CH165 (UNII-3)      |
| Mode 11      | TX N20 Mode / CH149,CH157,CH165 (UNII-3)    |
| Mode 12      | TX N40 Mode / CH151,CH159 (UNII-3)          |
| Mode 13      | TX Mode                                     |

The EUT system operated these modes were found to be the worst case during the pre-scanning test as following:

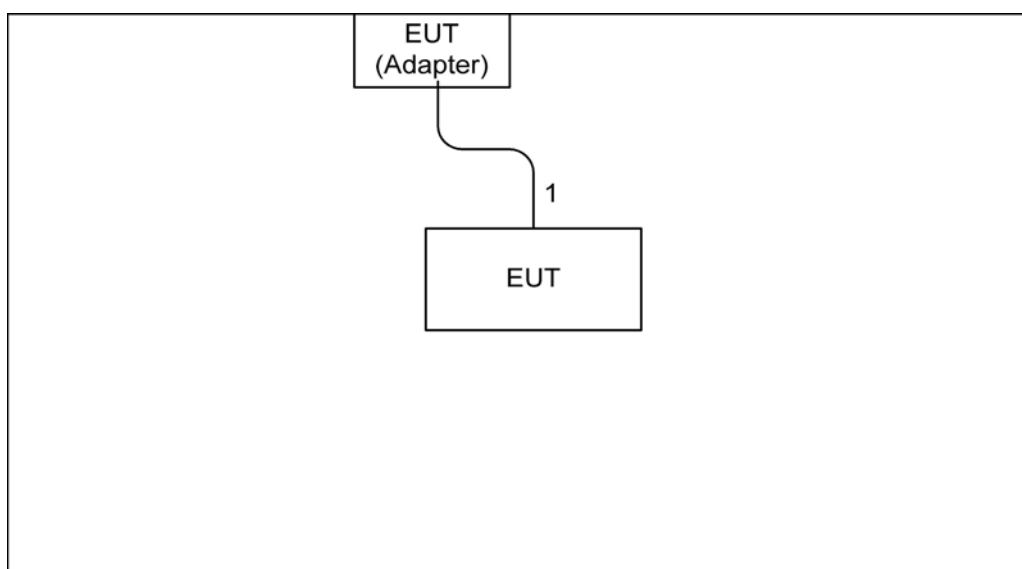
| For Conducted Test |             |
|--------------------|-------------|
| Final Test Mode    | Description |
| Mode 13            | TX Mode     |

| For Radiated Test |                                             |
|-------------------|---------------------------------------------|
| Final Test Mode   | Description                                 |
| Mode 1            | TX A Mode / CH36, CH40, CH48 (UNII-1)       |
| Mode 2            | TX N20 Mode / CH36, CH40, CH48 (UNII-1)     |
| Mode 3            | TX N40 Mode / CH38, CH46 (UNII-1)           |
| Mode 4            | TX A Mode / CH52, CH60, CH64 (UNII-2A)      |
| Mode 5            | TX N20 Mode / CH52, CH60, CH64 (UNII-2A)    |
| Mode 6            | TX N40 Mode / CH54, CH62 (UNII-2A)          |
| Mode 7            | TX A Mode / CH100, CH116, CH140 (UNII-2C)   |
| Mode 8            | TX N20 Mode / CH100, CH116, CH140 (UNII-2C) |
| Mode 9            | TX N40 Mode / CH102, CH110, CH134 (UNII-2C) |
| Mode 10           | TX A Mode / CH149,CH157,CH165 (UNII-3)      |
| Mode 11           | TX N20 Mode / CH149,CH157,CH165 (UNII-3)    |
| Mode 12           | TX N40 Mode / CH151,CH159 (UNII-3)          |

Note: The EUT system operated these modes by adapter (1) HUIZHOU BYD ELECTRONIC CO., LTD. , (2) Shenzhen Huntkey Electric Co., Ltd. , (3) DONGGUAN PHITEK ELECTRONICS CO.,LTD , (4) DONGGUAN CITY YINYJU ELECTRONICS.,LTD, only the worst case recorded in the test report.

### 3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



### 3.5 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

| Item | Equipment | Mfr/Brand | Model/Type No. | FCC ID | Series No. |
|------|-----------|-----------|----------------|--------|------------|
| -    | -         | -         | -              | -      | -          |

| Item | Shielded Type | Ferrite Core | Length | Note      |
|------|---------------|--------------|--------|-----------|
| 1    | NO            | NO           | 1m     | USB Cable |

## 4. EMC EMISSION TEST

### 4.1 CONDUCTED EMISSION MEASUREMENT

#### 4.1.1 POWER LINE CONDUCTED EMISSION (Frequency Range 150KHz-30MHz)

| FREQUENCY (MHz) | Class A (dBuV) |         | Class B (dBuV) |           |
|-----------------|----------------|---------|----------------|-----------|
|                 | Quasi-peak     | Average | Quasi-peak     | Average   |
| 0.15 -0.5       | 79.00          | 66.00   | 66 - 56 *      | 56 - 46 * |
| 0.50 -5.0       | 73.00          | 60.00   | 56.00          | 46.00     |
| 5.0 -30.0       | 73.00          | 60.00   | 60.00          | 50.00     |

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " \* " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

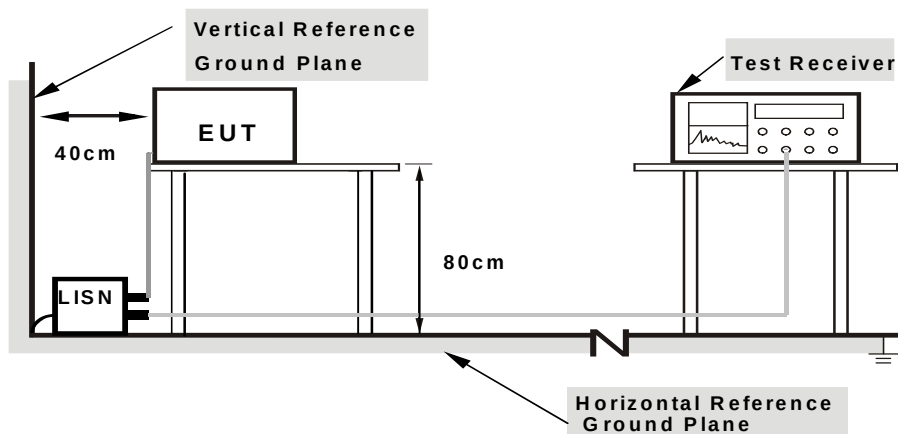
#### 4.1.2 TEST PROCEDURE

- a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

#### 4.1.3 DEVIATION FROM TEST STANDARD

No deviation

#### 4.1.4 TEST SETUP



Note: 1.Support units were connected to second LISN.  
2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

#### 4.1.5 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

The EUT was programmed to be in continuously transmitting/TX Mode mode.

#### 4.1.6 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: AC 120V/60Hz

#### 4.1.7 TEST RESULTS

Please refer to the Attachment A.

Remark:

- (1) All readings are QP Mode value unless otherwise stated AVG in column of『Note』. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform.In this case, a " \* " marked in AVG Mode column of Interference Voltage Measured.
- (2) Measuring frequency range from 150KHz to 30MHz.

## 4.2 RADIATED EMISSION MEASUREMENT

### 4.2.1 RADIATED EMISSION LIMITS

In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

| Frequencies<br>(MHz) | Field Strength<br>(micorvolts/meter) | Measurement Distance<br>(meters) |
|----------------------|--------------------------------------|----------------------------------|
| 0.009~0.490          | 2400/F(KHz)                          | 300                              |
| 0.490~1.705          | 24000/F(KHz)                         | 30                               |
| 1.705~30.0           | 30                                   | 30                               |
| 30~88                | 100                                  | 3                                |
| 88~216               | 150                                  | 3                                |
| 216~960              | 200                                  | 3                                |
| Above 960            | 500                                  | 3                                |

Note:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.

### LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

| Frequencies<br>(MHz) | EIRP Limit (dBm)                       | Equivalent Field Strength<br>at 3m (dBμV/m) |
|----------------------|----------------------------------------|---------------------------------------------|
| 5150-5250            | -27                                    | 68.3                                        |
| 5250-5350            | -27                                    | 68.3                                        |
| 5470-5725            | -27                                    | 68.3                                        |
| 5725-5850            | -27 (beyond 10MHz of the<br>band edge) | 68.3                                        |
|                      | -17 (within 10 MHz of<br>band edge)    | 78.3                                        |

Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field

strength:  $E = \frac{1000000 \sqrt{30P}}{3} \mu\text{V/m}$ , where P is the eirp (Watts)

#### 4.2.2 TEST PROCEDURE

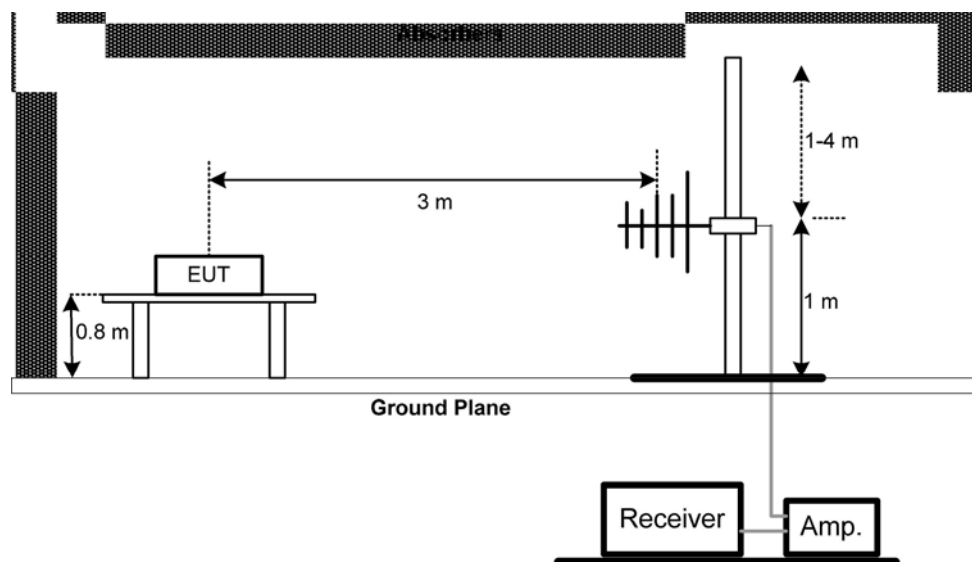
- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
- The height of the equipment or of the substitution antenna shall be 0.8 m or 1.5m, the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform. (below 1GHz)
- All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn't perform. (above 1GHz)
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

#### 4.2.3 DEVIATION FROM TEST STANDARD

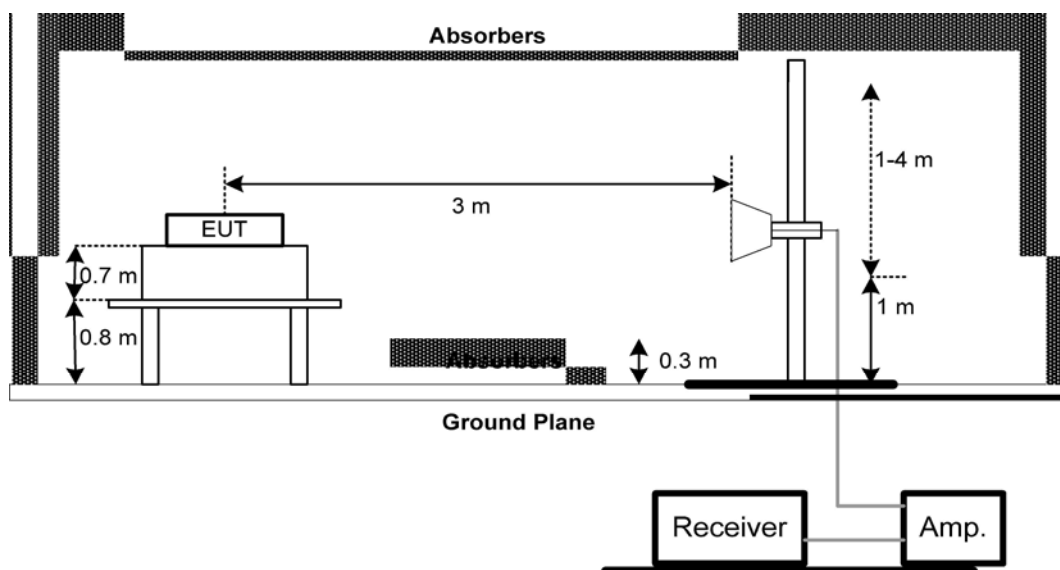
No deviation

#### 4.2.4 TEST SETUP

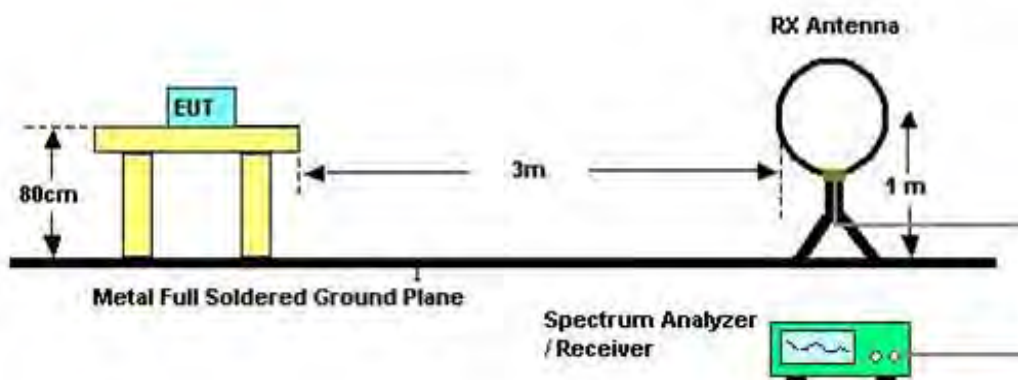
##### (A) Radiated Emission Test Set-Up Frequency 30 - 1000MHz



## (B) Radiated Emission Test Set-Up Frequency Above 1 GHz



## (C) Radiated emissions below 30MHz



### 4.2.5 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 Unless otherwise a special operating condition is specified in the follows during the testing.

### 4.2.6 EUT TEST CONDITIONS

Temperature: 25°C    Relative Humidity: 55%    Test Voltage: AC 120V/60Hz

#### 4.2.7 TEST RESULTS (9K TO 30MHz)

Please refer to the Attachment B

Remark:

- (1) The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.
- (2) Distance extrapolation factor =  $40 \log (\text{specific distance} / \text{test distance})$  (dB);
- (3) Limit line = specific limits (dBuV) + distance extrapolation factor.

#### 4.2.8 TEST RESULTS (BETWEEN 30 TO 1000 MHz)

Please refer to the Attachment C.

Remark:

- (1) Measuring frequency range from 30MHz to 1000MHz.
- (2) If the peak scan value lower limit more than 20dB, then this signal data does not show in table.

#### 4.2.9 TEST RESULTS (ABOVE 1000 MHz)

Please refer to the Attachment D.

Remark:

- (1) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (2) Data of measurement within this frequency range shown " \* " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (4) EUT Orthogonal Axes:  
"X" - denotes Laid on Table ; "Y" - denotes Vertical Stand ; "Z" - denotes Side Stand
- (5) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.
- (6) No limit: This is fundamental signal, the judgment is not applicable.  
For fundamental signal judgment was referred to Peak output test.

## 5. MEASUREMENT INSTRUMENTS LIST

| Conducted Emission Measurement |                      |              |                       |            |                  |
|--------------------------------|----------------------|--------------|-----------------------|------------|------------------|
| Item                           | Kind of Equipment    | Manufacturer | Type No.              | Serial No. | Calibrated until |
| 1                              | LISN                 | EMCO         | 3816/2                | 00052765   | Mar. 28, 2016    |
| 2                              | LISN                 | R&S          | ENV216                | 101447     | Mar. 28, 2016    |
| 3                              | Test Cable           | emci         | RG223(9KHz-30 MHz)    | C_17       | Mar. 13, 2016    |
| 4                              | EMI Test Receiver    | R&S          | ESCS30                | 826547/022 | Mar. 28, 2016    |
| 5                              | 50Ω Terminator       | SHX          | TF2-3G-A              | 08122902   | Mar. 28, 2016    |
| 6                              | Measurement Software | Farad        | EZ-EMC Ver.NB-03A1-01 | N/A        | N/A              |

| Radiated Emission Measurement |                                     |                |                                     |               |                  |
|-------------------------------|-------------------------------------|----------------|-------------------------------------|---------------|------------------|
| Item                          | Kind of Equipment                   | Manufacturer   | Type No.                            | Serial No.    | Calibrated until |
| 1                             | Antenna                             | Schwarbeck     | VULB9160                            | 9160-3232     | Mar. 28, 2016    |
| 2                             | Amplifier                           | HP             | 8447D                               | 2944A09673    | Nov. 17, 2015    |
| 3                             | Receiver                            | AGILENT        | N9038A                              | MY52130039    | Oct. 11, 2016    |
| 4                             | Test Cable                          | emci           | LMR-400(30MHz-1GHz)                 | C-01          | Jun. 28, 2016    |
| 5                             | Antenna                             | ETS            | 3115                                | 00075789      | Mar. 28, 2016    |
| 6                             | Amplifier                           | Agilent        | 8449B                               | 3008A02274    | Nov. 02, 2015    |
| 7                             | Receiver                            | AGILENT        | N9038A                              | MY52130039    | Oct. 11, 2016    |
| 8                             | Test Cable                          | emci           | EMC104-SM-S M-10000(1GHz – 26.5GHz) | C-68          | Jun. 28, 2016    |
| 9                             | Controller                          | CT             | SC100                               | N/A           | N/A              |
| 10                            | Broad-Band Horn Antenna             | Schwarzbeck    | BBHA 9170                           | 9170319       | Mar. 28, 2016    |
| 11                            | Microwave Preamplifier With Adaptor | EMC INSTRUMENT | EMC2654045                          | 980039 & HA01 | Mar. 28, 2016    |
| 12                            | Active Loop Antenna                 | R&S            | HFH2-Z2                             | 830749/020    | Sep. 07, 2016    |
| 13                            | Measurement Software                | Farad          | EZ-EMC Ver.NB-03A1-01               | N/A           | N/A              |

Remark: "N/A" denotes no model name, serial no. or calibration specified.  
All calibration period of equipment list is one year.

## 6. EUT TEST PHOTOS

### Conducted Measurement Photos



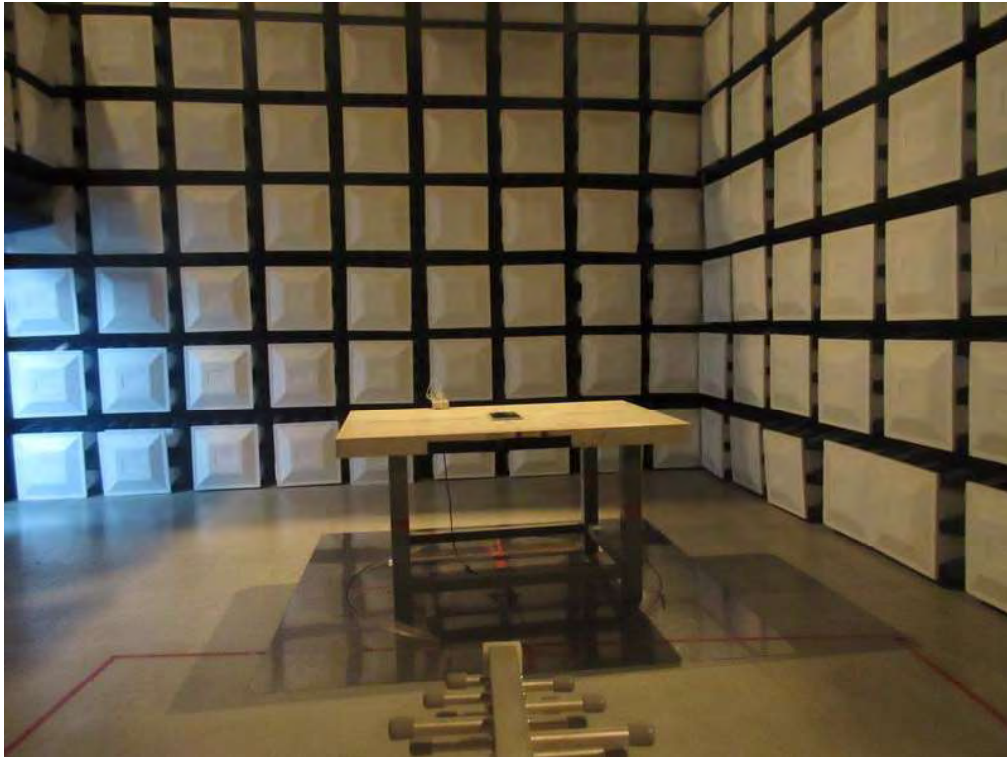
## Radiated Measurement Photos

9KHz to 30MHz



## Radiated Measurement Photos

30MHz to 1000MHz



## Radiated Measurement Photos

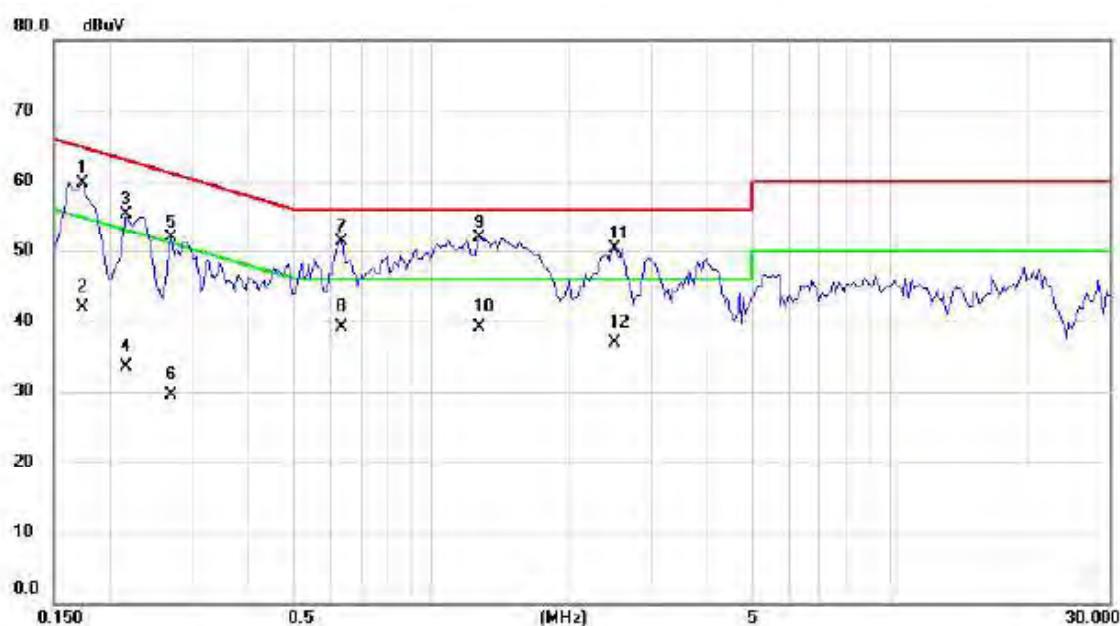
Above 1000MHz



## **ATTACHMENT A - CONDUCTED EMISSION**

Test Mode: TX MODE – Adapter: Shenzhen Huntkey Electric Co., Ltd.

### Line

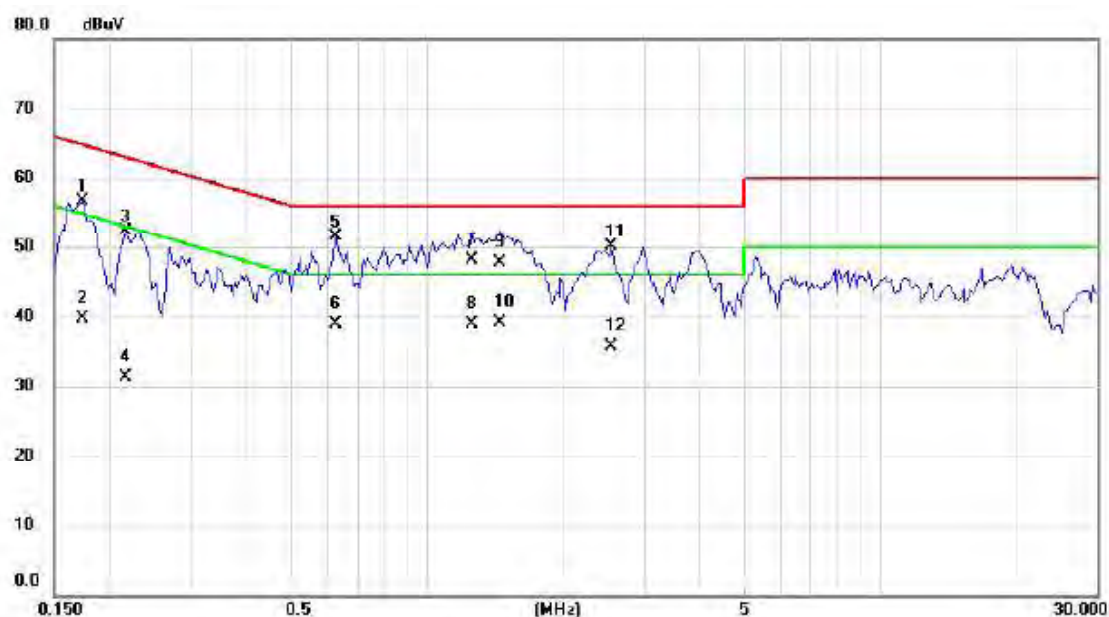


| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV | Limit<br>dBuV | Margin<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|--------------------------|---------------|--------------|----------|---------|
| 1   |     | 0.1734       | 50.23                    | 9.56                    | 59.79                    | 64.80         | -5.01        | peak     |         |
| 2   |     | 0.1734       | 32.40                    | 9.56                    | 41.96                    | 54.80         | -12.84       | AVG      |         |
| 3   |     | 0.2164       | 45.67                    | 9.58                    | 55.25                    | 62.96         | -7.71        | peak     |         |
| 4   |     | 0.2164       | 23.90                    | 9.58                    | 33.48                    | 52.96         | -19.48       | AVG      |         |
| 5   |     | 0.2711       | 42.37                    | 9.62                    | 51.99                    | 61.08         | -9.09        | peak     |         |
| 6   |     | 0.2711       | 19.90                    | 9.62                    | 29.52                    | 51.08         | -21.56       | AVG      |         |
| 7   |     | 0.6382       | 41.58                    | 9.73                    | 51.31                    | 56.00         | -4.69        | peak     |         |
| 8   |     | 0.6382       | 29.30                    | 9.73                    | 39.03                    | 46.00         | -6.97        | AVG      |         |
| 9   | *   | 1.2672       | 42.10                    | 9.82                    | 51.92                    | 56.00         | -4.08        | peak     |         |
| 10  |     | 1.2672       | 29.30                    | 9.82                    | 39.12                    | 46.00         | -6.88        | AVG      |         |
| 11  |     | 2.5094       | 40.34                    | 10.00                   | 50.34                    | 56.00         | -5.66        | peak     |         |
| 12  |     | 2.5094       | 26.90                    | 10.00                   | 36.90                    | 46.00         | -9.10        | AVG      |         |

Note : The test result has included the cable loss.

Test Mode: TX MODE – Adapter: Shenzhen Huntkey Electric Co., Ltd.

### Neutral



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV | Limit<br>dBuV | Margin<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|--------------------------|---------------|--------------|----------|---------|
| 1   |     | 0.1734       | 47.13                    | 9.48                    | 56.61                    | 64.80         | -8.19        | peak     |         |
| 2   |     | 0.1734       | 30.20                    | 9.48                    | 39.68                    | 54.80         | -15.12       | AVG      |         |
| 3   |     | 0.2164       | 42.77                    | 9.50                    | 52.27                    | 62.96         | -10.69       | peak     |         |
| 4   |     | 0.2164       | 21.80                    | 9.50                    | 31.30                    | 52.96         | -21.66       | AVG      |         |
| 5   | *   | 0.6266       | 41.86                    | 9.55                    | 51.41                    | 56.00         | -4.59        | peak     |         |
| 6   |     | 0.6266       | 29.30                    | 9.55                    | 38.85                    | 46.00         | -7.15        | AVG      |         |
| 7   |     | 1.2555       | 38.50                    | 9.64                    | 48.14                    | 56.00         | -7.86        | QP       |         |
| 8   |     | 1.2555       | 29.30                    | 9.64                    | 38.94                    | 46.00         | -7.06        | AVG      |         |
| 9   |     | 1.4470       | 38.10                    | 9.65                    | 47.75                    | 56.00         | -8.25        | QP       |         |
| 10  |     | 1.4470       | 29.40                    | 9.65                    | 39.05                    | 46.00         | -6.95        | AVG      |         |
| 11  |     | 2.5328       | 40.35                    | 9.77                    | 50.12                    | 56.00         | -5.88        | peak     |         |
| 12  |     | 2.5328       | 26.00                    | 9.77                    | 35.77                    | 46.00         | -10.23       | AVG      |         |

Note : The test result has included the cable loss.

## **ATTACHMENT B - RADIATED EMISSION (9KHZ TO 30MHZ)**

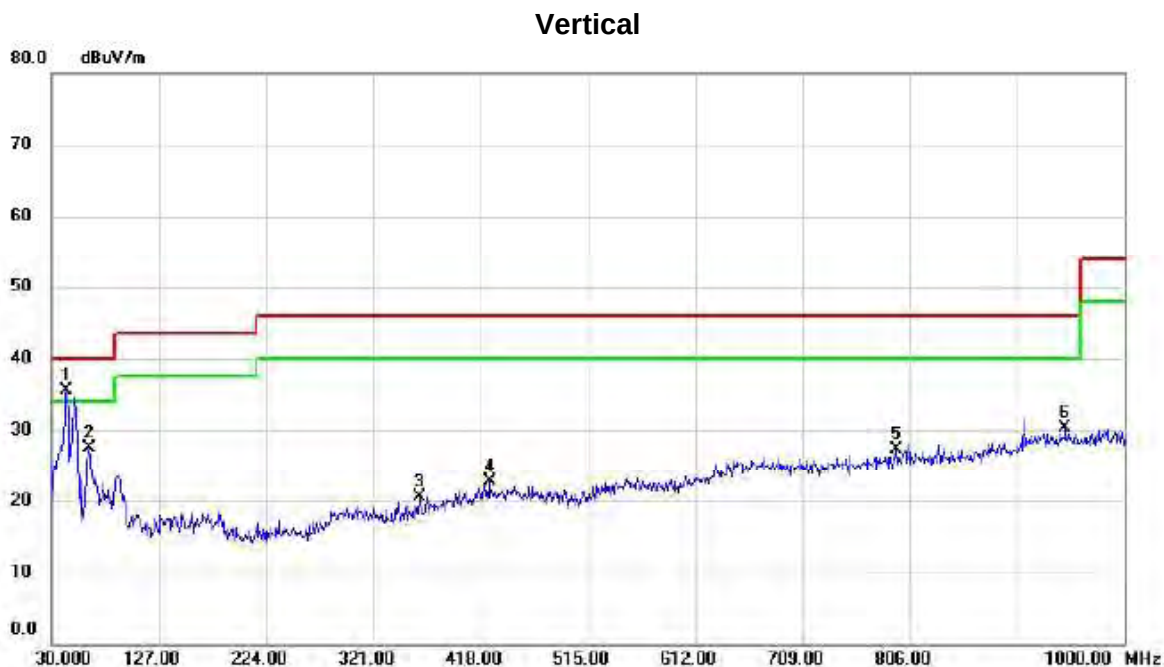
|            |                                                        |
|------------|--------------------------------------------------------|
| Test Mode: | TX MODE – Adapter: DONGGUAN PHITEK ELECTRONICS CO.,LTD |
|------------|--------------------------------------------------------|

| Frequency (MHz) | Ant 0°/90° | Read level dBuV/m | Factor (dB) | Measured(FS) (dBuV/m) | Limit(QP) (dBuV/m) | Margin (dB) | Note |
|-----------------|------------|-------------------|-------------|-----------------------|--------------------|-------------|------|
| 0.0095          | 0°         | 13.53             | 24.96       | 38.49                 | 128.03             | -89.54      | AVG  |
| 0.0095          | 0°         | 14.36             | 24.96       | 39.32                 | 148.03             | -108.71     | PEAK |
| 0.0237          | 0°         | 6.82              | 24.07       | 30.89                 | 120.11             | -89.22      | AVG  |
| 0.0237          | 0°         | 8.43              | 24.07       | 32.50                 | 140.11             | -107.61     | PEAK |
| 0.0344          | 0°         | 3.42              | 23.39       | 26.81                 | 116.87             | -90.07      | AVG  |
| 0.0344          | 0°         | 5.79              | 23.39       | 29.18                 | 136.87             | -107.70     | PEAK |
| 0.0436          | 0°         | 1.22              | 22.81       | 24.03                 | 114.81             | -90.79      | AVG  |
| 0.0436          | 0°         | 2.68              | 22.81       | 25.49                 | 134.81             | -109.33     | PEAK |
| 0.4953          | 0°         | 19.58             | 19.81       | 39.39                 | 73.71              | -34.32      | QP   |
| 1.7273          | 0°         | 23.94             | 19.53       | 43.47                 | 69.54              | -26.07      | QP   |

| Frequency (MHz) | Ant 0°/90° | Read level dBuV/m | Factor (dB) | Measured(FS) (dBuV/m) | Limit(QP) (dBuV/m) | Margin (dB) | Note |
|-----------------|------------|-------------------|-------------|-----------------------|--------------------|-------------|------|
| 0.0096          | 90°        | 13.41             | 24.30       | 37.71                 | 127.94             | -90.23      | AVG  |
| 0.0096          | 90°        | 15.02             | 24.30       | 39.32                 | 147.94             | -108.62     | PEAK |
| 0.0247          | 90°        | 7.39              | 24.00       | 31.39                 | 119.75             | -88.36      | AVG  |
| 0.0247          | 90°        | 9.03              | 24.00       | 33.03                 | 139.75             | -106.72     | PEAK |
| 0.0335          | 90°        | 5.36              | 23.45       | 28.81                 | 117.10             | -88.30      | AVG  |
| 0.0335          | 90°        | 6.21              | 23.45       | 29.66                 | 137.10             | -107.45     | PEAK |
| 0.0458          | 90°        | 1.73              | 22.67       | 24.40                 | 114.39             | -89.99      | AVG  |
| 0.0458          | 90°        | 2.93              | 22.67       | 25.60                 | 134.39             | -108.79     | PEAK |
| 0.4962          | 90°        | 22.43             | 19.81       | 42.24                 | 73.69              | -31.45      | QP   |
| 1.7218          | 90°        | 24.87             | 19.53       | 44.40                 | 69.54              | -25.14      | QP   |

## **ATTACHMENT C - RADIATED EMISSION (30MHZ TO 1000MHZ)**

|            |                                                                         |
|------------|-------------------------------------------------------------------------|
| Test Mode: | UNII-1/TX A Mode 5180MHz – Adapter: DONGGUAN PHITEK ELECTRONICS CO.,LTD |
|------------|-------------------------------------------------------------------------|



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1   | *   | 43.5800      | 47.46                    | -12.04                  | 35.42                      | 40.00           | -4.58      | peak     |         |
| 2   |     | 63.9500      | 41.50                    | -13.96                  | 27.54                      | 40.00           | -12.46     | peak     |         |
| 3   |     | 362.7100     | 29.76                    | -9.24                   | 20.52                      | 46.00           | -25.48     | peak     |         |
| 4   |     | 425.7600     | 29.16                    | -6.55                   | 22.61                      | 46.00           | -23.39     | peak     |         |
| 5   |     | 793.3900     | 27.31                    | -0.05                   | 27.26                      | 46.00           | -18.74     | peak     |         |
| 6   |     | 946.6500     | 27.27                    | 2.98                    | 30.25                      | 46.00           | -15.75     | peak     |         |

|            |                                                                         |
|------------|-------------------------------------------------------------------------|
| Test Mode: | UNII-1/TX A Mode 5180MHz – Adapter: DONGGUAN PHITEK ELECTRONICS CO.,LTD |
|------------|-------------------------------------------------------------------------|

### Horizontal



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1   | *   | 57.1600      | 35.10                    | -13.03                  | 22.07                      | 40.00           | -17.93     | peak     |         |
| 2   |     | 200.7200     | 34.49                    | -13.58                  | 20.91                      | 43.50           | -22.59     | peak     |         |
| 3   |     | 305.4800     | 32.77                    | -9.63                   | 23.14                      | 46.00           | -22.86     | peak     |         |
| 4   |     | 444.1900     | 28.49                    | -6.06                   | 22.43                      | 46.00           | -23.57     | peak     |         |
| 5   |     | 681.8400     | 28.19                    | -1.53                   | 26.66                      | 46.00           | -19.34     | peak     |         |
| 6   |     | 978.6600     | 26.98                    | 3.04                    | 30.02                      | 54.00           | -23.98     | peak     |         |

|            |                                                                         |
|------------|-------------------------------------------------------------------------|
| Test Mode: | UNII-1/TX A Mode 5200MHz – Adapter: DONGGUAN PHITEK ELECTRONICS CO.,LTD |
|------------|-------------------------------------------------------------------------|

### Vertical



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1   | *   | 44.5500      | 47.85                    | -11.94                  | 35.91                      | 40.00           | -4.09      | peak     |         |
| 2   |     | 90.1400      | 40.07                    | -16.02                  | 24.05                      | 43.50           | -19.45     | peak     |         |
| 3   |     | 296.7500     | 28.77                    | -9.66                   | 19.11                      | 46.00           | -26.89     | peak     |         |
| 4   |     | 417.0300     | 29.80                    | -6.80                   | 23.00                      | 46.00           | -23.00     | peak     |         |
| 5   |     | 590.6600     | 28.91                    | -4.64                   | 24.27                      | 46.00           | -21.73     | peak     |         |
| 6   |     | 797.2700     | 26.98                    | 0.08                    | 27.06                      | 46.00           | -18.94     | peak     |         |

|            |                                                                         |
|------------|-------------------------------------------------------------------------|
| Test Mode: | UNII-1/TX A Mode 5200MHz – Adapter: DONGGUAN PHITEK ELECTRONICS CO.,LTD |
|------------|-------------------------------------------------------------------------|

### Horizontal



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1   | *   | 57.1600      | 35.17                    | -13.03                  | 22.14                      | 40.00           | -17.86     | peak     |         |
| 2   |     | 133.7900     | 32.74                    | -11.53                  | 21.21                      | 43.50           | -22.29     | peak     |         |
| 3   |     | 305.4800     | 32.43                    | -9.63                   | 22.80                      | 46.00           | -23.20     | peak     |         |
| 4   |     | 473.2900     | 30.13                    | -6.60                   | 23.53                      | 46.00           | -22.47     | peak     |         |
| 5   |     | 676.9900     | 27.97                    | -1.55                   | 26.42                      | 46.00           | -19.58     | peak     |         |
| 6   |     | 960.2300     | 27.43                    | 3.07                    | 30.50                      | 54.00           | -23.50     | peak     |         |

|            |                                                                         |
|------------|-------------------------------------------------------------------------|
| Test Mode: | UNII-1/TX A Mode 5240MHz – Adapter: DONGGUAN PHITEK ELECTRONICS CO.,LTD |
|------------|-------------------------------------------------------------------------|

Vertical



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1   | *   | 43.5800      | 46.96                    | -12.04                  | 34.92                      | 40.00           | -5.08      | peak     |         |
| 2   | !   | 50.3700      | 46.74                    | -12.48                  | 34.26                      | 40.00           | -5.74      | peak     |         |
| 3   |     | 90.1400      | 41.73                    | -16.02                  | 25.71                      | 43.50           | -17.79     | peak     |         |
| 4   |     | 425.7600     | 31.16                    | -6.55                   | 24.61                      | 46.00           | -21.39     | peak     |         |
| 5   |     | 687.6600     | 27.69                    | -1.51                   | 26.18                      | 46.00           | -19.82     | peak     |         |
| 6   |     | 805.0300     | 26.70                    | 0.15                    | 26.85                      | 46.00           | -19.15     | peak     |         |

|            |                                                                         |
|------------|-------------------------------------------------------------------------|
| Test Mode: | UNII-1/TX A Mode 5240MHz – Adapter: DONGGUAN PHITEK ELECTRONICS CO.,LTD |
|------------|-------------------------------------------------------------------------|

### Horizontal



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1   | *   | 57.1600      | 35.10                    | -13.03                  | 22.07                      | 40.00           | -17.93     | peak     |         |
| 2   |     | 200.7200     | 34.49                    | -13.58                  | 20.91                      | 43.50           | -22.59     | peak     |         |
| 3   |     | 443.2200     | 27.96                    | -6.08                   | 21.88                      | 46.00           | -24.12     | peak     |         |
| 4   |     | 681.8400     | 25.19                    | -1.53                   | 23.66                      | 46.00           | -22.34     | peak     |         |
| 5   |     | 828.3100     | 25.71                    | 0.13                    | 25.84                      | 46.00           | -20.16     | peak     |         |
| 6   |     | 978.6600     | 26.48                    | 3.04                    | 29.52                      | 54.00           | -24.48     | peak     |         |

|            |                                                                          |
|------------|--------------------------------------------------------------------------|
| Test Mode: | UNII-2A/TX A Mode 5260MHz – Adapter: DONGGUAN PHITEK ELECTRONICS CO.,LTD |
|------------|--------------------------------------------------------------------------|

### Vertical



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1   | *   | 44.5500      | 47.85                    | -11.94                  | 35.91                      | 40.00           | -4.09      | peak     |         |
| 2   | !   | 51.3400      | 48.13                    | -12.52                  | 35.61                      | 40.00           | -4.39      | peak     |         |
| 3   |     | 385.9900     | 27.98                    | -8.00                   | 19.98                      | 46.00           | -26.02     | peak     |         |
| 4   |     | 590.6600     | 27.91                    | -4.64                   | 23.27                      | 46.00           | -22.73     | peak     |         |
| 5   |     | 797.2700     | 25.98                    | 0.08                    | 26.06                      | 46.00           | -19.94     | peak     |         |
| 6   |     | 983.5100     | 26.05                    | 3.03                    | 29.08                      | 54.00           | -24.92     | peak     |         |

|            |                                                                          |
|------------|--------------------------------------------------------------------------|
| Test Mode: | UNII-2A/TX A Mode 5260MHz – Adapter: DONGGUAN PHITEK ELECTRONICS CO.,LTD |
|------------|--------------------------------------------------------------------------|

### Horizontal



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1   | *   | 50.3700      | 35.09                    | -12.48                  | 22.61                      | 40.00           | -17.39     | peak     |         |
| 2   |     | 171.6200     | 33.95                    | -11.17                  | 22.78                      | 43.50           | -20.72     | peak     |         |
| 3   |     | 305.4800     | 33.43                    | -9.63                   | 23.80                      | 46.00           | -22.20     | peak     |         |
| 4   |     | 473.2900     | 30.13                    | -6.60                   | 23.53                      | 46.00           | -22.47     | peak     |         |
| 5   |     | 676.9900     | 28.97                    | -1.55                   | 27.42                      | 46.00           | -18.58     | peak     |         |
| 6   |     | 817.6400     | 27.45                    | 0.15                    | 27.60                      | 46.00           | -18.40     | peak     |         |

|            |                                                                          |
|------------|--------------------------------------------------------------------------|
| Test Mode: | UNII-2A/TX A Mode 5300MHz – Adapter: DONGGUAN PHITEK ELECTRONICS CO.,LTD |
|------------|--------------------------------------------------------------------------|

### Vertical



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1   | *   | 43.5800      | 46.46                    | -12.04                  | 34.42                      | 40.00           | -5.58      | peak     |         |
| 2   |     | 63.9500      | 40.50                    | -13.96                  | 26.54                      | 40.00           | -13.46     | peak     |         |
| 3   |     | 90.1400      | 38.73                    | -16.02                  | 22.71                      | 43.50           | -20.79     | peak     |         |
| 4   |     | 420.9100     | 30.15                    | -6.69                   | 23.46                      | 46.00           | -22.54     | peak     |         |
| 5   |     | 663.4100     | 28.28                    | -1.59                   | 26.69                      | 46.00           | -19.31     | peak     |         |
| 6   |     | 908.8200     | 29.08                    | 1.91                    | 30.99                      | 46.00           | -15.01     | peak     |         |

|            |                                                                          |
|------------|--------------------------------------------------------------------------|
| Test Mode: | UNII-2A/TX A Mode 5300MHz – Adapter: DONGGUAN PHITEK ELECTRONICS CO.,LTD |
|------------|--------------------------------------------------------------------------|

### Horizontal



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1   | *   | 57.1600      | 34.10                    | -13.03                  | 21.07                      | 40.00           | -18.93     | peak     |         |
| 2   |     | 200.7200     | 33.49                    | -13.58                  | 19.91                      | 43.50           | -23.59     | peak     |         |
| 3   |     | 305.4800     | 31.77                    | -9.63                   | 22.14                      | 46.00           | -23.86     | peak     |         |
| 4   |     | 444.1900     | 28.49                    | -6.06                   | 22.43                      | 46.00           | -23.57     | peak     |         |
| 5   |     | 681.8400     | 28.19                    | -1.53                   | 26.66                      | 46.00           | -19.34     | peak     |         |
| 6   |     | 978.6600     | 26.98                    | 3.04                    | 30.02                      | 54.00           | -23.98     | peak     |         |

|            |                                                                          |
|------------|--------------------------------------------------------------------------|
| Test Mode: | UNII-2A/TX A Mode 5320MHz – Adapter: DONGGUAN PHITEK ELECTRONICS CO.,LTD |
|------------|--------------------------------------------------------------------------|



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1   | *   | 44.5500      | 47.35                    | -11.94                  | 35.41                      | 40.00           | -4.59      | peak     |         |
| 2   |     | 90.1400      | 39.07                    | -16.02                  | 23.05                      | 43.50           | -20.45     | peak     |         |
| 3   |     | 296.7500     | 28.77                    | -9.66                   | 19.11                      | 46.00           | -26.89     | peak     |         |
| 4   |     | 445.1600     | 27.84                    | -6.03                   | 21.81                      | 46.00           | -24.19     | peak     |         |
| 5   |     | 674.0800     | 27.31                    | -1.55                   | 25.76                      | 46.00           | -20.24     | peak     |         |
| 6   |     | 797.2700     | 26.98                    | 0.08                    | 27.06                      | 46.00           | -18.94     | peak     |         |

|            |                                                                          |
|------------|--------------------------------------------------------------------------|
| Test Mode: | UNII-2A/TX A Mode 5320MHz – Adapter: DONGGUAN PHITEK ELECTRONICS CO.,LTD |
|------------|--------------------------------------------------------------------------|

### Horizontal



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1   | *   | 57.1600      | 35.17                    | -13.03                  | 22.14                      | 40.00           | -17.86     | peak     |         |
| 2   |     | 266.6800     | 33.52                    | -12.07                  | 21.45                      | 46.00           | -24.55     | peak     |         |
| 3   |     | 473.2900     | 30.13                    | -6.60                   | 23.53                      | 46.00           | -22.47     | peak     |         |
| 4   |     | 676.9900     | 27.97                    | -1.55                   | 26.42                      | 46.00           | -19.58     | peak     |         |
| 5   |     | 837.0400     | 27.56                    | 0.12                    | 27.68                      | 46.00           | -18.32     | peak     |         |
| 6   |     | 960.2300     | 27.43                    | 3.07                    | 30.50                      | 54.00           | -23.50     | peak     |         |

|            |                                                                          |
|------------|--------------------------------------------------------------------------|
| Test Mode: | UNII-2C/TX A Mode 5500MHz – Adapter: DONGGUAN PHITEK ELECTRONICS CO.,LTD |
|------------|--------------------------------------------------------------------------|

### Vertical



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1   | *   | 43.5800      | 46.46                    | -12.04                  | 34.42                      | 40.00           | -5.58      | peak     |         |
| 2   |     | 63.9500      | 40.50                    | -13.96                  | 26.54                      | 40.00           | -13.46     | peak     |         |
| 3   |     | 305.4800     | 28.73                    | -9.63                   | 19.10                      | 46.00           | -26.90     | peak     |         |
| 4   |     | 425.7600     | 28.16                    | -6.55                   | 21.61                      | 46.00           | -24.39     | peak     |         |
| 5   |     | 687.6600     | 26.69                    | -1.51                   | 25.18                      | 46.00           | -20.82     | peak     |         |
| 6   |     | 908.8200     | 28.58                    | 1.91                    | 30.49                      | 46.00           | -15.51     | peak     |         |

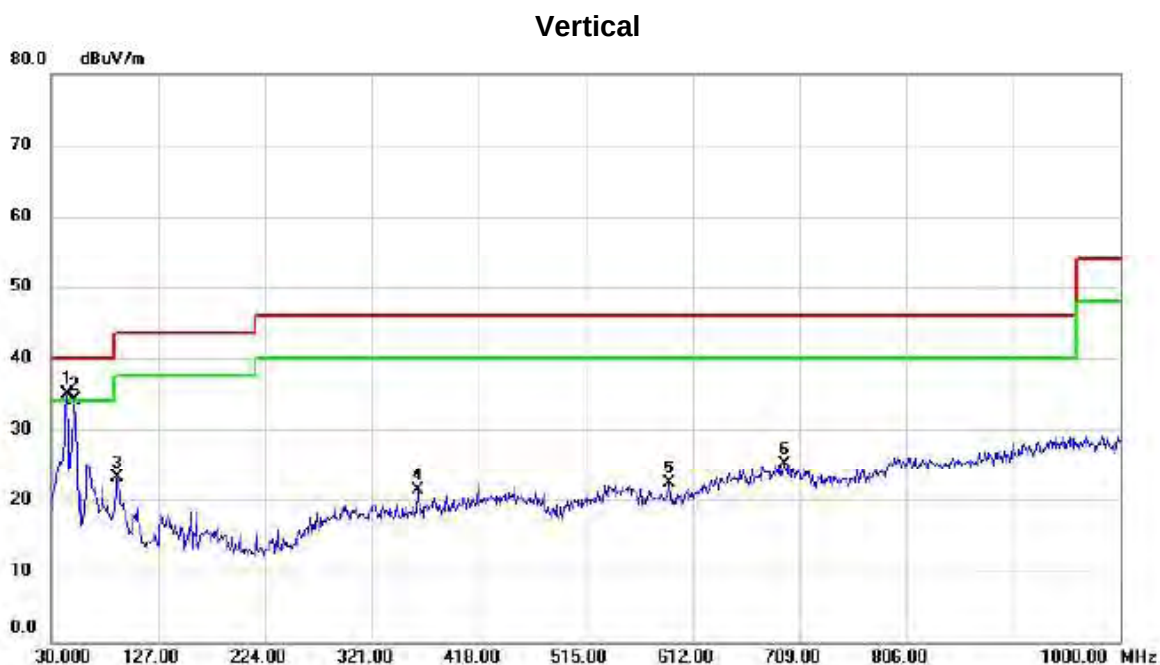
|            |                                                                          |
|------------|--------------------------------------------------------------------------|
| Test Mode: | UNII-2C/TX A Mode 5500MHz – Adapter: DONGGUAN PHITEK ELECTRONICS CO.,LTD |
|------------|--------------------------------------------------------------------------|

### Horizontal



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1   |     | 57.1600      | 35.10                    | -13.03                  | 22.07                      | 40.00           | -17.93     | peak     |         |
| 2   |     | 200.7200     | 34.49                    | -13.58                  | 20.91                      | 43.50           | -22.59     | peak     |         |
| 3   |     | 305.4800     | 32.77                    | -9.63                   | 23.14                      | 46.00           | -22.86     | peak     |         |
| 4   |     | 566.4100     | 28.13                    | -4.63                   | 23.50                      | 46.00           | -22.50     | peak     |         |
| 5   |     | 681.8400     | 28.19                    | -1.53                   | 26.66                      | 46.00           | -19.34     | peak     |         |
| 6   | *   | 908.8200     | 26.51                    | 1.91                    | 28.42                      | 46.00           | -17.58     | peak     |         |

|            |                                                                          |
|------------|--------------------------------------------------------------------------|
| Test Mode: | UNII-2C/TX A Mode 5580MHz – Adapter: DONGGUAN PHITEK ELECTRONICS CO.,LTD |
|------------|--------------------------------------------------------------------------|



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1   | *   | 44.5500      | 46.85                    | -11.94                  | 34.91                      | 40.00           | -5.09      | peak     |         |
| 2   | !   | 51.3400      | 46.63                    | -12.52                  | 34.11                      | 40.00           | -5.89      | peak     |         |
| 3   |     | 90.1400      | 39.07                    | -16.02                  | 23.05                      | 43.50           | -20.45     | peak     |         |
| 4   |     | 362.7100     | 30.47                    | -9.24                   | 21.23                      | 46.00           | -24.77     | peak     |         |
| 5   |     | 590.6600     | 26.91                    | -4.64                   | 22.27                      | 46.00           | -23.73     | peak     |         |
| 6   |     | 695.4200     | 26.51                    | -1.49                   | 25.02                      | 46.00           | -20.98     | peak     |         |

|            |                                                                          |
|------------|--------------------------------------------------------------------------|
| Test Mode: | UNII-2C/TX A Mode 5580MHz – Adapter: DONGGUAN PHITEK ELECTRONICS CO.,LTD |
|------------|--------------------------------------------------------------------------|

### Horizontal



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1   | *   | 57.1600      | 35.17                    | -13.03                  | 22.14                      | 40.00           | -17.86     | peak     |         |
| 2   |     | 171.6200     | 31.95                    | -11.17                  | 20.78                      | 43.50           | -22.72     | peak     |         |
| 3   |     | 305.4800     | 32.43                    | -9.63                   | 22.80                      | 46.00           | -23.20     | peak     |         |
| 4   |     | 473.2900     | 28.13                    | -6.60                   | 21.53                      | 46.00           | -24.47     | peak     |         |
| 5   |     | 676.9900     | 25.97                    | -1.55                   | 24.42                      | 46.00           | -21.58     | peak     |         |
| 6   |     | 960.2300     | 25.43                    | 3.07                    | 28.50                      | 54.00           | -25.50     | peak     |         |

|            |                                                                          |
|------------|--------------------------------------------------------------------------|
| Test Mode: | UNII-2C/TX A Mode 5700MHz – Adapter: DONGGUAN PHITEK ELECTRONICS CO.,LTD |
|------------|--------------------------------------------------------------------------|



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1   | *   | 43.5800      | 46.46                    | -12.04                  | 34.42                      | 40.00           | -5.58      | peak     |         |
| 2   |     | 63.9500      | 40.50                    | -13.96                  | 26.54                      | 40.00           | -13.46     | peak     |         |
| 3   |     | 149.3100     | 29.75                    | -11.59                  | 18.16                      | 43.50           | -25.34     | peak     |         |
| 4   |     | 425.7600     | 28.16                    | -6.55                   | 21.61                      | 46.00           | -24.39     | peak     |         |
| 5   |     | 687.6600     | 26.69                    | -1.51                   | 25.18                      | 46.00           | -20.82     | peak     |         |
| 6   |     | 805.0300     | 26.70                    | 0.15                    | 26.85                      | 46.00           | -19.15     | peak     |         |

|            |                                                                          |
|------------|--------------------------------------------------------------------------|
| Test Mode: | UNII-2C/TX A Mode 5700MHz – Adapter: DONGGUAN PHITEK ELECTRONICS CO.,LTD |
|------------|--------------------------------------------------------------------------|

### Horizontal



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1   |     | 57.1600      | 34.10                    | -13.03                  | 21.07                      | 40.00           | -18.93     | peak     |         |
| 2   |     | 200.7200     | 33.49                    | -13.58                  | 19.91                      | 43.50           | -23.59     | peak     |         |
| 3   |     | 305.4800     | 32.77                    | -9.63                   | 23.14                      | 46.00           | -22.86     | peak     |         |
| 4   |     | 444.1900     | 29.49                    | -6.06                   | 23.43                      | 46.00           | -22.57     | peak     |         |
| 5   |     | 681.8400     | 29.19                    | -1.53                   | 27.66                      | 46.00           | -18.34     | peak     |         |
| 6   | *   | 886.5100     | 28.04                    | 1.25                    | 29.29                      | 46.00           | -16.71     | peak     |         |

|            |                                                                         |
|------------|-------------------------------------------------------------------------|
| Test Mode: | UNII-3/TX A Mode 5745MHz – Adapter: DONGGUAN PHITEK ELECTRONICS CO.,LTD |
|------------|-------------------------------------------------------------------------|

### Vertical



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1   | *   | 44.5500      | 45.85                    | -11.94                  | 33.91                      | 40.00           | -6.09      | peak     |         |
| 2   |     | 63.9500      | 39.14                    | -13.96                  | 25.18                      | 40.00           | -14.82     | peak     |         |
| 3   |     | 362.7100     | 31.47                    | -9.24                   | 22.23                      | 46.00           | -23.77     | peak     |         |
| 4   |     | 590.6600     | 29.41                    | -4.64                   | 24.77                      | 46.00           | -21.23     | peak     |         |
| 5   |     | 797.2700     | 27.98                    | 0.08                    | 28.06                      | 46.00           | -17.94     | peak     |         |
| 6   |     | 902.0300     | 27.80                    | 1.72                    | 29.52                      | 46.00           | -16.48     | peak     |         |

|            |                                                                         |
|------------|-------------------------------------------------------------------------|
| Test Mode: | UNII-3/TX A Mode 5745MHz – Adapter: DONGGUAN PHITEK ELECTRONICS CO.,LTD |
|------------|-------------------------------------------------------------------------|

### Horizontal



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1   | *   | 57.1600      | 35.17                    | -13.03                  | 22.14                      | 40.00           | -17.86     | peak     |         |
| 2   |     | 266.6800     | 33.52                    | -12.07                  | 21.45                      | 46.00           | -24.55     | peak     |         |
| 3   |     | 305.4800     | 32.43                    | -9.63                   | 22.80                      | 46.00           | -23.20     | peak     |         |
| 4   |     | 473.2900     | 30.13                    | -6.60                   | 23.53                      | 46.00           | -22.47     | peak     |         |
| 5   |     | 676.9900     | 27.97                    | -1.55                   | 26.42                      | 46.00           | -19.58     | peak     |         |
| 6   |     | 805.0300     | 27.15                    | 0.15                    | 27.30                      | 46.00           | -18.70     | peak     |         |

|            |                                                                         |
|------------|-------------------------------------------------------------------------|
| Test Mode: | UNII-3/TX A Mode 5785MHz – Adapter: DONGGUAN PHITEK ELECTRONICS CO.,LTD |
|------------|-------------------------------------------------------------------------|

### Vertical



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1   | *   | 43.5800      | 46.46                    | -12.04                  | 34.42                      | 40.00           | -5.58      | peak     |         |
| 2   |     | 63.9500      | 40.50                    | -13.96                  | 26.54                      | 40.00           | -13.46     | peak     |         |
| 3   |     | 149.3100     | 27.75                    | -11.59                  | 16.16                      | 43.50           | -27.34     | peak     |         |
| 4   |     | 425.7600     | 28.16                    | -6.55                   | 21.61                      | 46.00           | -24.39     | peak     |         |
| 5   |     | 687.6600     | 25.69                    | -1.51                   | 24.18                      | 46.00           | -21.82     | peak     |         |
| 6   |     | 805.0300     | 25.70                    | 0.15                    | 25.85                      | 46.00           | -20.15     | peak     |         |

|            |                                                                         |
|------------|-------------------------------------------------------------------------|
| Test Mode: | UNII-3/TX A Mode 5785MHz – Adapter: DONGGUAN PHITEK ELECTRONICS CO.,LTD |
|------------|-------------------------------------------------------------------------|

### Horizontal



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1   | *   | 57.1600      | 35.10                    | -13.03                  | 22.07                      | 40.00           | -17.93     | peak     |         |
| 2   |     | 200.7200     | 34.49                    | -13.58                  | 20.91                      | 43.50           | -22.59     | peak     |         |
| 3   |     | 266.6800     | 33.65                    | -12.07                  | 21.58                      | 46.00           | -24.42     | peak     |         |
| 4   |     | 305.4800     | 32.77                    | -9.63                   | 23.14                      | 46.00           | -22.86     | peak     |         |
| 5   |     | 596.4800     | 28.34                    | -4.64                   | 23.70                      | 46.00           | -22.30     | peak     |         |
| 6   |     | 681.8400     | 28.19                    | -1.53                   | 26.66                      | 46.00           | -19.34     | peak     |         |

|            |                                                                         |
|------------|-------------------------------------------------------------------------|
| Test Mode: | UNII-3/TX A Mode 5825MHz – Adapter: DONGGUAN PHITEK ELECTRONICS CO.,LTD |
|------------|-------------------------------------------------------------------------|

# Vertical



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1   | *   | 44.5500      | 47.35                    | -11.94                  | 35.41                      | 40.00           | -4.59      | peak     |         |
| 2   |     | 63.9500      | 40.14                    | -13.96                  | 26.18                      | 40.00           | -13.82     | peak     |         |
| 3   |     | 362.7100     | 29.47                    | -9.24                   | 20.23                      | 46.00           | -25.77     | peak     |         |
| 4   |     | 634.3100     | 25.73                    | -2.58                   | 23.15                      | 46.00           | -22.85     | peak     |         |
| 5   |     | 797.2700     | 24.98                    | 0.08                    | 25.06                      | 46.00           | -20.94     | peak     |         |
| 6   |     | 941.8000     | 26.06                    | 2.84                    | 28.90                      | 46.00           | -17.10     | peak     |         |

|            |                                                                         |
|------------|-------------------------------------------------------------------------|
| Test Mode: | UNII-3/TX A Mode 5825MHz – Adapter: DONGGUAN PHITEK ELECTRONICS CO.,LTD |
|------------|-------------------------------------------------------------------------|

### Horizontal

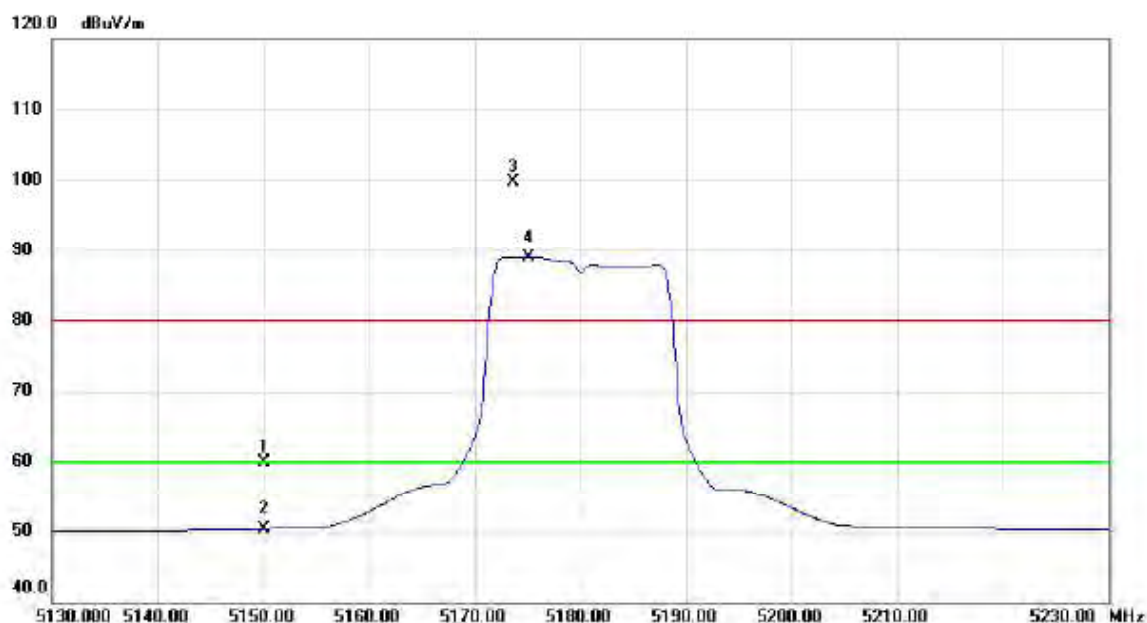


| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1   | *   | 57.1600      | 36.17                    | -13.03                  | 23.14                      | 40.00           | -16.86     | peak     |         |
| 2   |     | 171.6200     | 33.95                    | -11.17                  | 22.78                      | 43.50           | -20.72     | peak     |         |
| 3   |     | 305.4800     | 34.43                    | -9.63                   | 24.80                      | 46.00           | -21.20     | peak     |         |
| 4   |     | 473.2900     | 31.13                    | -6.60                   | 24.53                      | 46.00           | -21.47     | peak     |         |
| 5   |     | 675.0500     | 26.36                    | -1.56                   | 24.80                      | 46.00           | -21.20     | peak     |         |
| 6   |     | 805.0300     | 26.15                    | 0.15                    | 26.30                      | 46.00           | -19.70     | peak     |         |

## **ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)**

|                  |                           |
|------------------|---------------------------|
| Orthogonal Axis: | X                         |
| Test Mode:       | UNII-1/ TX A Mode 5180MHz |

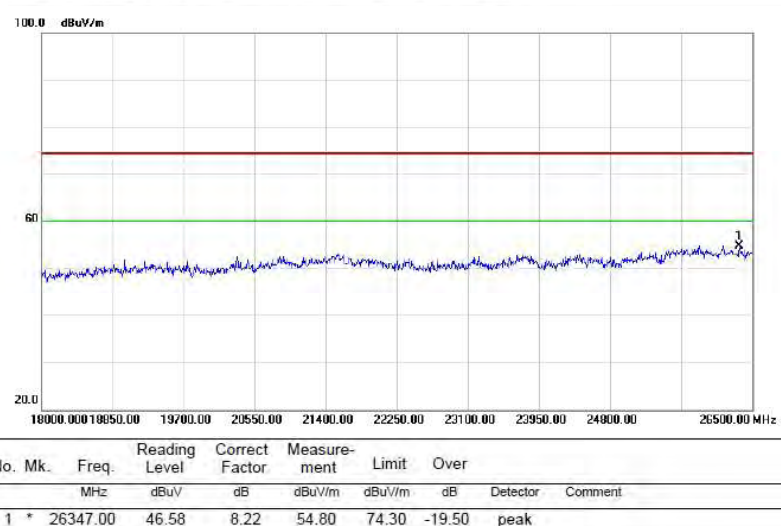
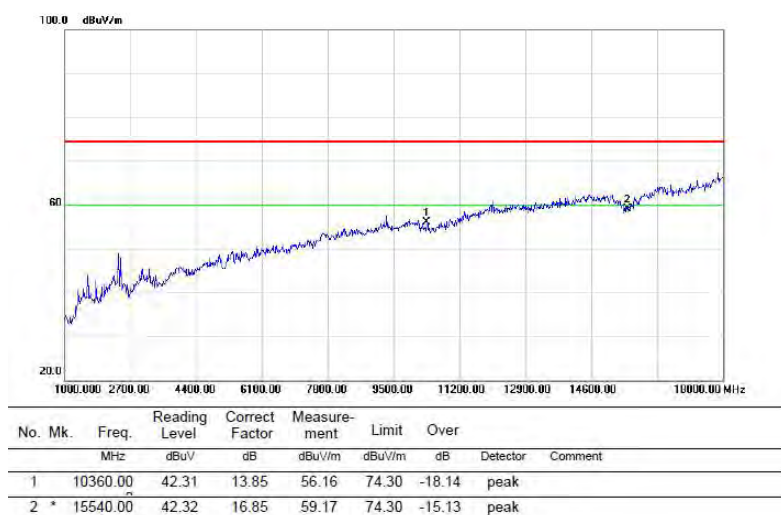
### Vertical



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | Detector | Comment  |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|--------------|----------|----------|
| 1   |     | 5150.000     | 21.94                    | 37.89                   | 59.83                      | 80.00           | -20.17       | peak     |          |
| 2   |     | 5150.000     | 12.48                    | 37.89                   | 50.37                      | 60.00           | -9.63        | AVG      |          |
| 3   | X   | 5173.600     | 61.62                    | 38.00                   | 99.62                      | 80.00           | 19.62        | peak     | No Limit |
| 4   | *   | 5175.100     | 50.95                    | 38.01                   | 88.96                      | 60.00           | 28.96        | AVG      | No Limit |

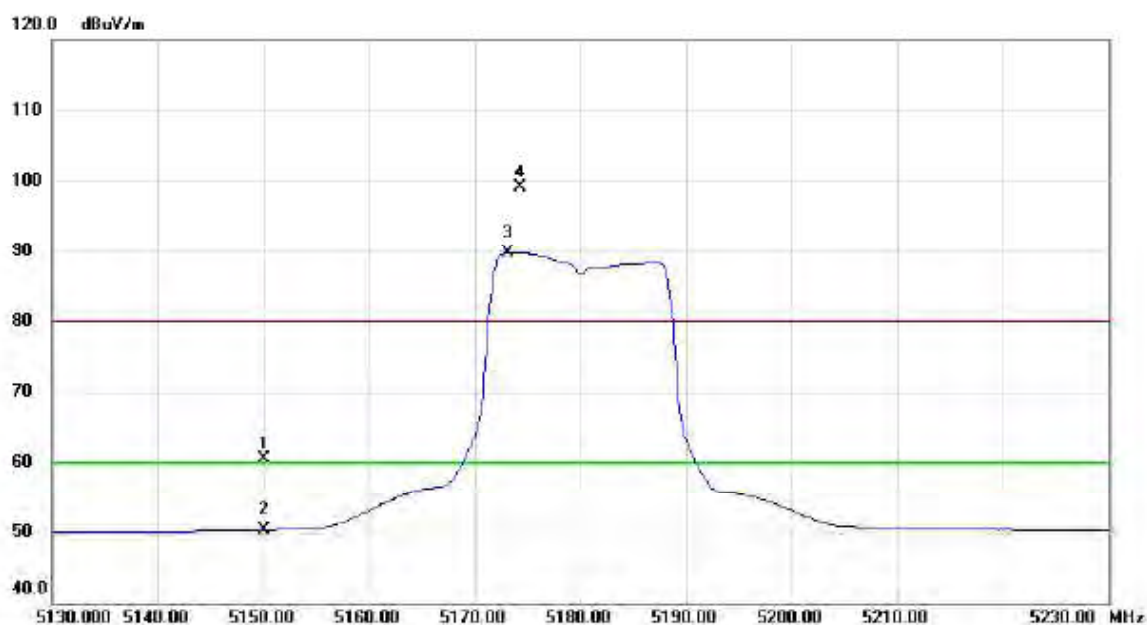
|                  |                           |
|------------------|---------------------------|
| Orthogonal Axis: | X                         |
| Test Mode:       | UNII-1/ TX A Mode 5180MHz |

### Vertical



|                  |                           |
|------------------|---------------------------|
| Orthogonal Axis: | X                         |
| Test Mode:       | UNII-1/ TX A Mode 5180MHz |

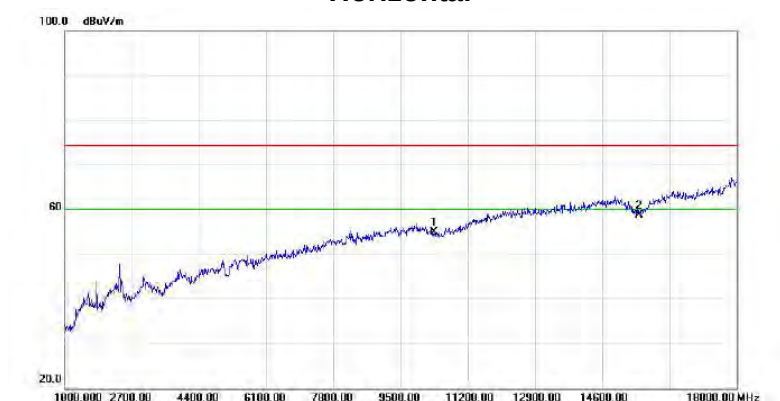
### Horizontal



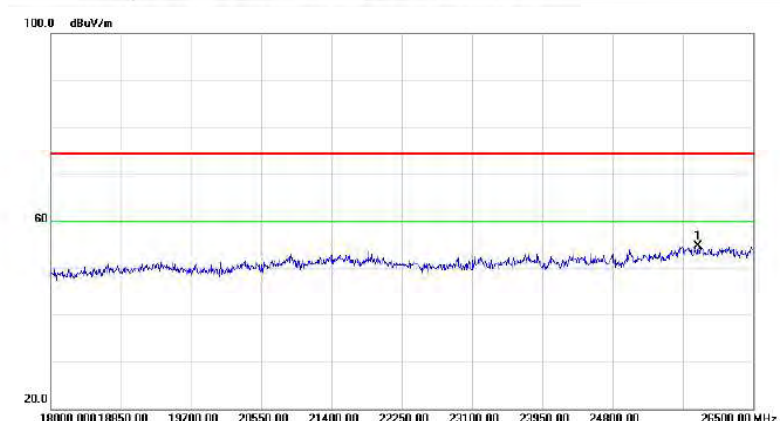
| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | Detector | Comment  |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|--------------|----------|----------|
| 1   |     | 5150.000     | 22.68                    | 37.89                   | 60.57                      | 80.00           | -19.43       | peak     |          |
| 2   |     | 5150.000     | 12.47                    | 37.89                   | 50.36                      | 60.00           | -9.64        | AVG      |          |
| 3   | *   | 5173.200     | 51.66                    | 38.00                   | 89.66                      | 60.00           | 29.66        | AVG      | No Limit |
| 4   | X   | 5174.300     | 61.13                    | 38.00                   | 99.13                      | 80.00           | 19.13        | peak     | No Limit |

|                  |                           |
|------------------|---------------------------|
| Orthogonal Axis: | X                         |
| Test Mode:       | UNII-1/ TX A Mode 5180MHz |

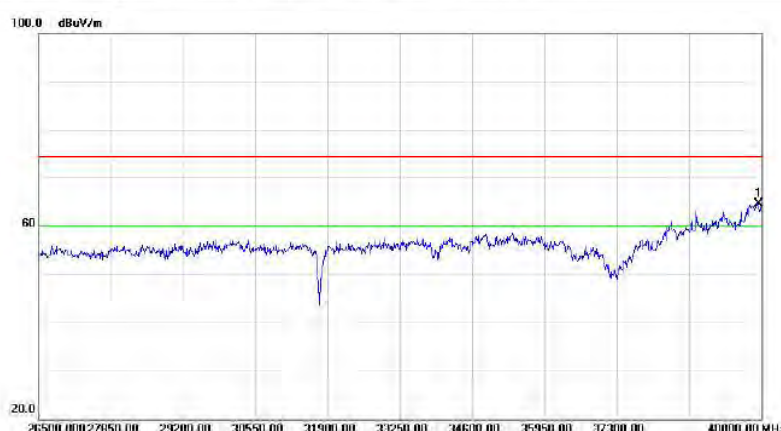
### Horizontal



| No. Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measurement dBuV/m | Limit dBuV/m | Over dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|---------|----------|---------|
| 1       | 10360.00  | 41.00              | 13.85             | 54.85              | 74.30        | -19.45  | peak     |         |
| 2 *     | 15540.00  | 41.86              | 16.85             | 58.71              | 74.30        | -15.59  | peak     |         |



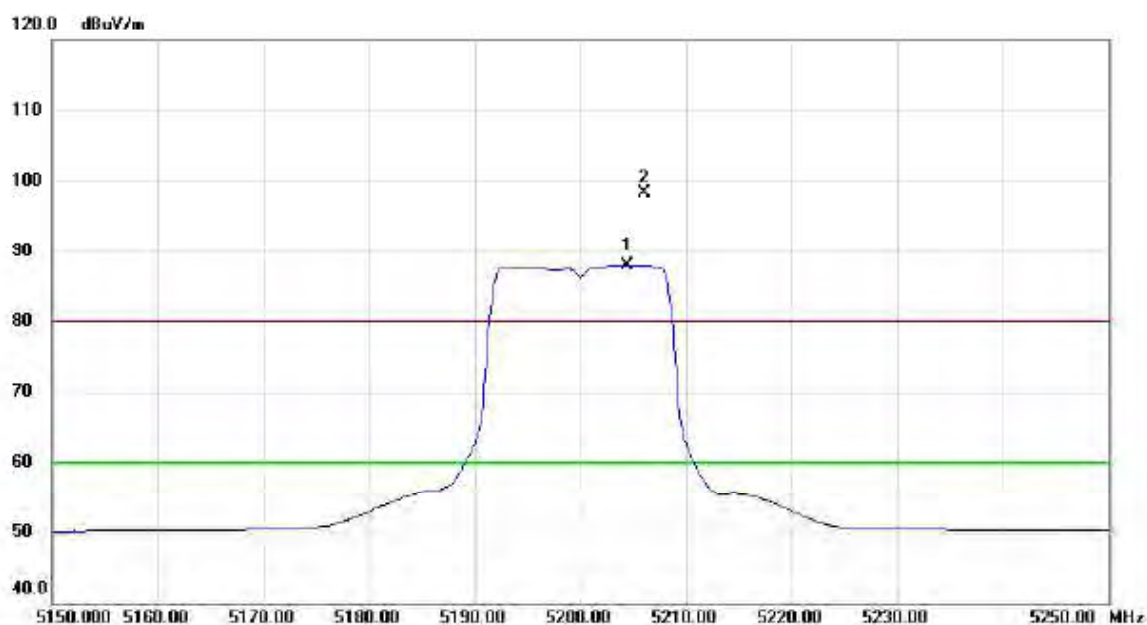
| No. Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measurement dBuV/m | Limit dBuV/m | Over dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|---------|----------|---------|
| 1 *     | 25837.00  | 47.42              | 7.31              | 54.73              | 74.30        | -19.57  | peak     |         |



| No. Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measurement dBuV/m | Limit dBuV/m | Over dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|---------|----------|---------|
| 1 *     | 39946.00  | 47.05              | 17.47             | 64.52              | 74.30        | -9.78   | peak     |         |

|                  |                           |
|------------------|---------------------------|
| Orthogonal Axis: | X                         |
| Test Mode:       | UNII-1/ TX A Mode 5200MHz |

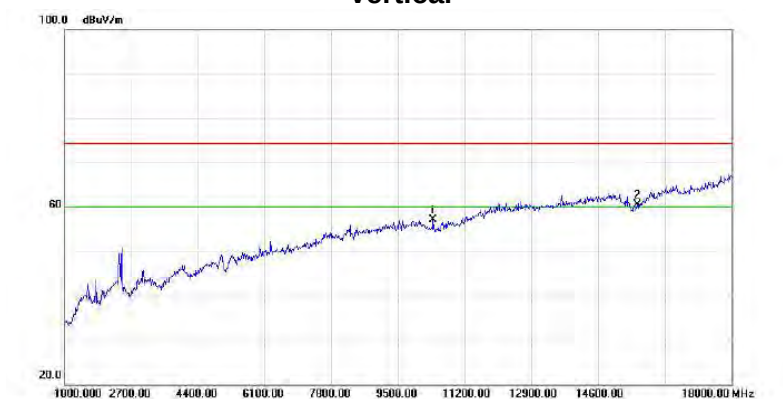
### Vertical



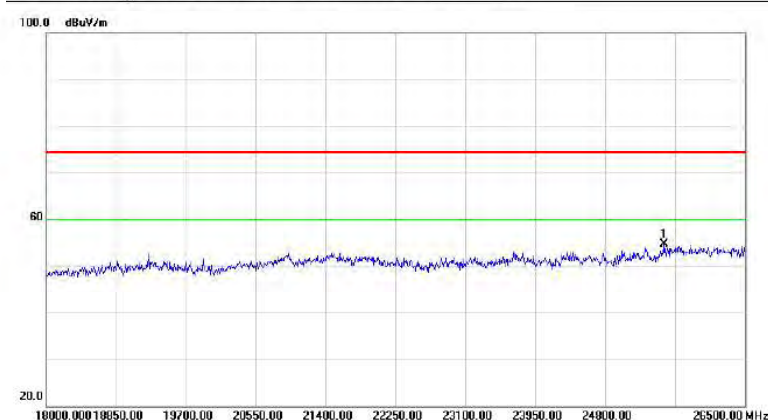
| No. | Mk. | Freq.    | Reading | Correct | Measure- | Limit  | Margin |          |          |
|-----|-----|----------|---------|---------|----------|--------|--------|----------|----------|
|     |     | MHz      | Level   | Factor  | ment     |        |        | Detector | Comment  |
|     |     |          | dBuV    | dB      | dBuV/m   | dBuV/m | dB     |          |          |
| 1   | *   | 5204.500 | 49.84   | 38.14   | 87.98    | 60.00  | 27.98  | AVG      | No Limit |
| 2   | X   | 5206.000 | 60.25   | 38.14   | 98.39    | 80.00  | 18.39  | peak     | No Limit |

|                  |                           |
|------------------|---------------------------|
| Orthogonal Axis: | X                         |
| Test Mode:       | UNII-1/ TX A Mode 5200MHz |

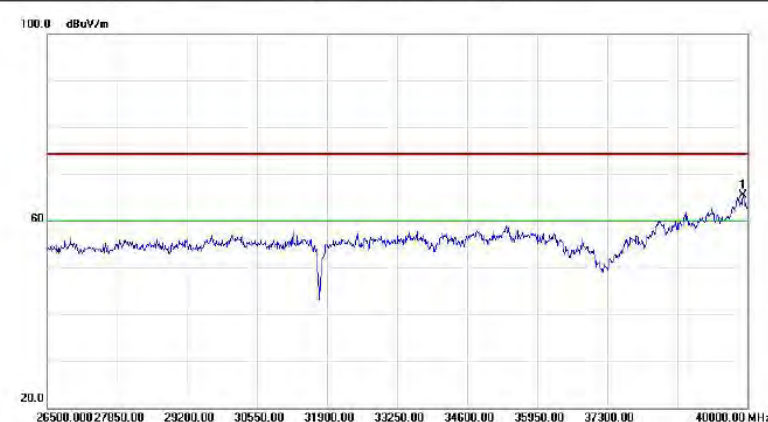
### Vertical



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1   |     | 10400.00     | 43.26                    | 13.80                   | 57.06                      | 74.30           | -17.24     | peak     |         |
| 2   | *   | 15600.00     | 43.36                    | 17.16                   | 60.52                      | 74.30           | -13.78     | peak     |         |



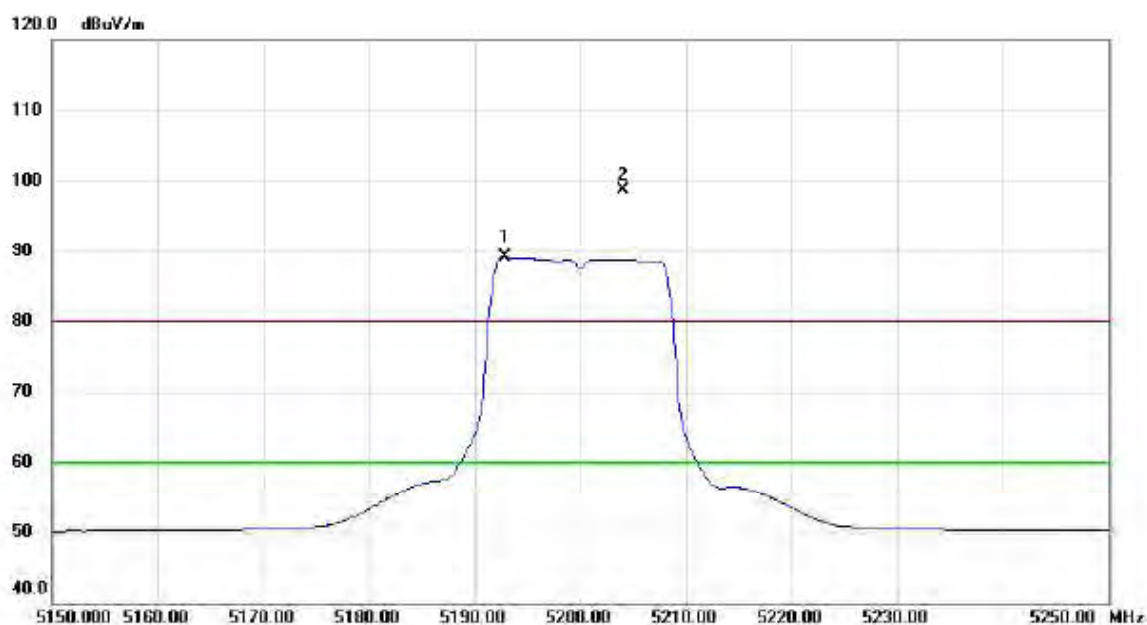
| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1   | *   | 25514.00     | 47.32                    | 7.41                    | 54.73                      | 74.30           | -19.57     | peak     |         |



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1   | *   | 39919.00     | 48.04                    | 17.40                   | 65.44                      | 74.30           | -8.86      | peak     |         |

|                  |                           |
|------------------|---------------------------|
| Orthogonal Axis: | X                         |
| Test Mode:       | UNII-1/ TX A Mode 5200MHz |

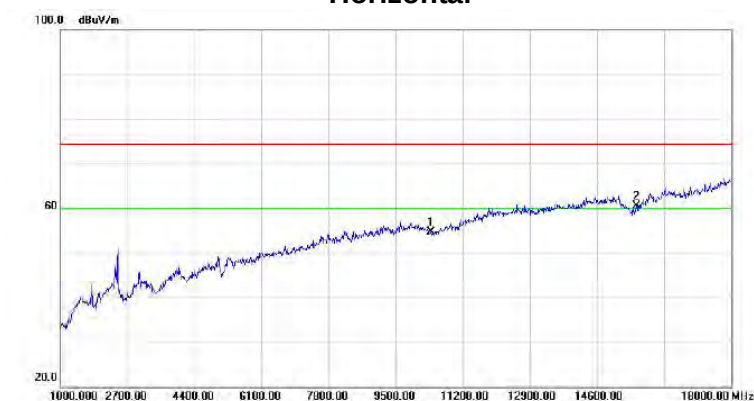
### Horizontal



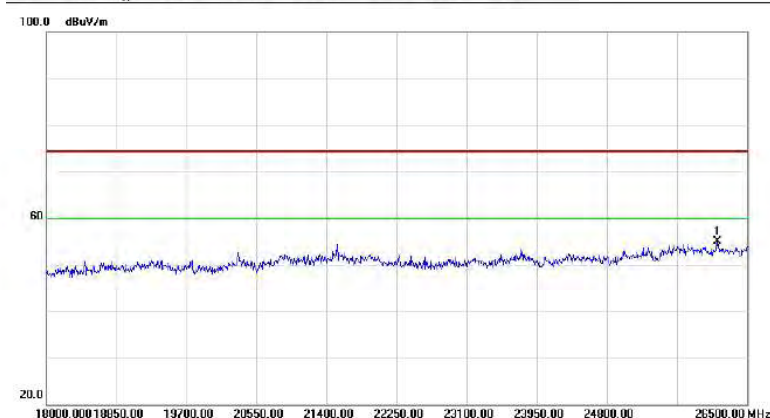
| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | Detector | Comment  |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|--------------|----------|----------|
| 1   | *   | 5192.800     | 50.93                    | 38.08                   | 89.01                      | 60.00           | 29.01        | AVG      | No Limit |
| 2   | X   | 5204.000     | 60.61                    | 38.14                   | 98.75                      | 80.00           | 18.75        | peak     | No Limit |

|                  |                           |
|------------------|---------------------------|
| Orthogonal Axis: | X                         |
| Test Mode:       | UNII-1/ TX A Mode 5200MHz |

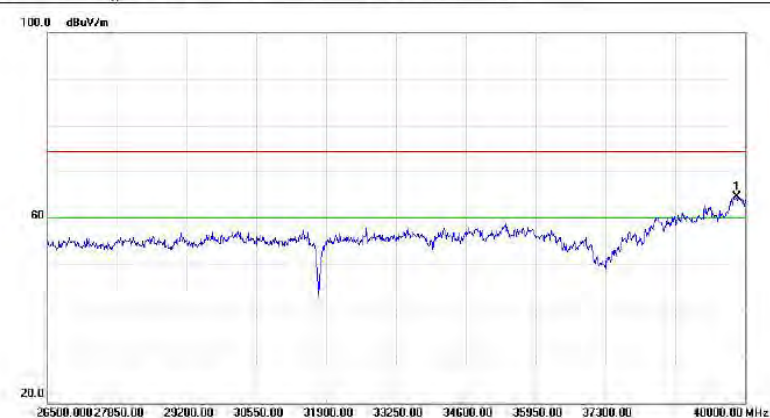
### Horizontal



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1   |     | 10400.00     | 40.90                    | 13.80                   | 54.70                      | 74.30           | -19.60     | peak     |         |
| 2 * |     | 15600.00     | 43.36                    | 17.16                   | 60.52                      | 74.30           | -13.78     | peak     |         |



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1 * |     | 26143.00     | 47.40                    | 7.65                    | 55.05                      | 74.30           | -19.25     | peak     |         |



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1 * |     | 39838.00     | 47.25                    | 17.21                   | 64.46                      | 74.30           | -9.84      | peak     |         |