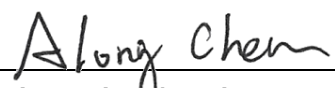


# FCC Co-Location Test Report

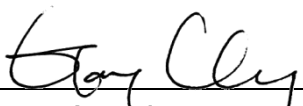
**FCC ID** : I8811ACAP22  
**Equipment** : 802.11ac Wave 2 Dual-Radio Ceiling Mount  
PoE Access Point  
(Refer to item 1.1.1 for more details)  
**Model No.** : NWA1123ACv3  
(Refer to item 1.1.1 for more details)  
**Brand Name** : ZYXEL  
**Applicant** : Zyxel Communications Corporation  
**Address** : No.2 Industry East RD. IX, Hsinchu Science  
Park, Hsinchu 30075, Taiwan, R.O.C  
**Standard** : 47 CFR FCC Part 15.247  
47 CFR FCC Part 15.407  
**Received Date** : Jul. 07, 2020  
**Tested Date** : Jul. 10 ~ Jul. 17, 2020

We, International Certification Corp., would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It may be duplicated completely for legal use with the approval of the applicant. It shall not be reproduced except in full without the written approval of our laboratory.

Reviewed by:

  
Along Chen / Assistant Manager

Approved by:

  
Gary Chang / Manager



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## Release Record

| Report No. | Version | Description   | Issued Date   |
|------------|---------|---------------|---------------|
| FR070801CO | Rev. 01 | Initial issue | Sep. 24, 2020 |

## Summary of Test Results

| FCC Rules                        | Test Items         | Measured                                               | Result |
|----------------------------------|--------------------|--------------------------------------------------------|--------|
| 15.247(d)<br>15.407(b)<br>15.209 | Radiated Emissions | [dBuV/m at 3m]: 41.64MHz<br>36.59(Margin -3.41dB) - PK | Pass   |

**Declaration of Conformity:**

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

**Comments and Explanations:**

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

# 1 General Description

## 1.1 Information

### 1.1.1 Product Details

The following models are provided to this EUT.

| Brand Name                                                                                                                                          | Model Name  | Product Name                                              | Description         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------|---------------------|
| ZYXEL                                                                                                                                               | NWA1123ACv3 | 802.11ac Wave 2 Dual-Radio Ceiling Mount PoE Access Point | Software difference |
| ZYXEL                                                                                                                                               | WAC500      | 802.11ac Wave 2 Dual-Radio Unified Access Point           |                     |
| ✦ The above models, model <b>NWA1123ACv3</b> was selected as a representative one for the final test and only its data was recorded in this report. |             |                                                           |                     |

### 1.1.2 Specification of the Equipment under Test (EUT)

|                     |                                                                                                    |
|---------------------|----------------------------------------------------------------------------------------------------|
| Operating Frequency | 802.11b/g/n: 2412 MHz ~ 2462 MHz<br>802.11a/n/ac: 5180 MHz ~ 5240 MHz, 5745 ~ 5825 MHz             |
| Modulation Type     | 802.11b: DSSS (DBPSK / DQPSK / CCK)<br>802.11a/g/n/ac: OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM) |

### 1.1.3 Antenna Details

| Ant. No. | Brand     | Model       | Type | Connector | Operating Frequency (MHz) / Gain (dBi) |           |           |
|----------|-----------|-------------|------|-----------|----------------------------------------|-----------|-----------|
|          |           |             |      |           | 2400~2483.5                            | 5150~5250 | 5725~5850 |
| 1        | ARISTOTLE | RFA-25-G528 | PIFA | N/A       | 0                                      | 0         | 0         |
| 2        | ARISTOTLE | RFA-25-G526 | PIFA | N/A       | 0                                      | 0         | 0         |

### 1.1.4 Power Supply Type of Equipment under Test (EUT)

|                   |                                         |
|-------------------|-----------------------------------------|
| Power Supply Type | 12Vdc from adapter<br>30~57Vdc from PoE |
|-------------------|-----------------------------------------|

Note: The PoE power supply is not bundled in market.

### 1.1.5 Accessories

| Accessories |                                      |                                                                                                                                                                               |
|-------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No.         | Equipment                            | Description                                                                                                                                                                   |
| 1           | AC adapter<br>(Only for NWA1123ACv3) | Brand: DEE VAN ENTERPRISE CO. LTD.<br>Model: DSA-12PFU-12 FCA 120100<br>I/P: 100-240Vac, 50/60Hz, 0.5A<br>O/P: 12Vdc, 1.0A, 12W<br>Power Line: 1.5m non-shielded without core |

## 1.2 The Equipment List

| Test Item               | Radiated Emission           |                       |                         |                  |                   |
|-------------------------|-----------------------------|-----------------------|-------------------------|------------------|-------------------|
| Test Site               | 966 chamber 3 / (03CH03-WS) |                       |                         |                  |                   |
| Tested Date             | Jul. 10 ~ Jul. 17, 2020     |                       |                         |                  |                   |
| Instrument              | Manufacturer                | Model No.             | Serial No.              | Calibration Date | Calibration Until |
| Spectrum Analyzer       | R&S                         | FSV40                 | 101499                  | Jan. 09, 2020    | Jan. 08, 2021     |
| Receiver                | R&S                         | ESR3                  | 101657                  | Feb. 14, 2020    | Feb. 13, 2021     |
| Bilog Antenna           | SCHWARZBECK                 | VULB9168              | VULB9168-685            | Apr. 29, 2020    | Apr. 28, 2021     |
| Horn Antenna<br>1G-18G  | SCHWARZBECK                 | BBHA 9120 D           | BBHA 9120 D 1206        | Dec. 27, 2019    | Dec. 26, 2020     |
| Horn Antenna<br>18G-40G | SCHWARZBECK                 | BBHA 9170             | BBHA 9170517            | Nov. 15, 2019    | Nov. 14, 2020     |
| Loop Antenna            | R&S                         | HFH2-Z2               | 100330                  | Nov. 13, 2019    | Nov. 12, 2020     |
| Loop Antenna Cable      | KOAX KABEL                  | 101354-BW             | 101354-BW               | Oct. 07, 2019    | Oct. 06, 2020     |
| Preamplifier            | EMC                         | EMC02325              | 980187                  | Aug. 14, 2019    | Aug. 13, 2020     |
| Preamplifier            | Agilent                     | 83017A                | MY39501309              | Sep. 24, 2019    | Sep. 23, 2020     |
| Preamplifier            | EMC                         | EMC184045B            | 980192                  | Aug. 01, 2019    | Jul. 31, 2020     |
| RF cable-3M             | HUBER+SUHNER                | SUCOFLEX104           | MY22620/4               | Sep. 27, 2019    | Sep. 26, 2020     |
| RF cable-8M             | EMC                         | EMC104-SM-SM-80<br>00 | 181107                  | Sep. 27, 2019    | Sep. 26, 2020     |
| RF cable-1M             | HUBER+SUHNER                | SUCOFLEX104           | MY22624/4               | Sep. 27, 2019    | Sep. 26, 2020     |
| LF cable-0.8M           | EMC                         | EMC8D-NM-NM-800       | EMC8D-NM-NM-800<br>-001 | Sep. 27, 2019    | Sep. 26, 2020     |
| LF cable-3M             | EMC                         | EMC8D-NM-NM-300<br>0  | 131103                  | Sep. 27, 2019    | Sep. 26, 2020     |
| LF cable-13M            | EMC                         | EMC8D-NM-NM-130<br>00 | 131104                  | Sep. 27, 2019    | Sep. 26, 2020     |
| Measurement<br>Software | AUDIX                       | e3                    | 6.120210g               | NA               | NA                |

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

| Test Item               | RF Conducted            |           |            |                  |                   |
|-------------------------|-------------------------|-----------|------------|------------------|-------------------|
| Test Site               | (TH01-WS)               |           |            |                  |                   |
| Tested Date             | Jul. 10 ~ Jul. 17, 2020 |           |            |                  |                   |
| Instrument              | Manufacturer            | Model No. | Serial No. | Calibration Date | Calibration Until |
| Spectrum Analyzer       | R&S                     | FSV40     | 101063     | Apr. 30, 2020    | Apr. 29, 2021     |
| Power Meter             | Anritsu                 | ML2495A   | 1241002    | Oct. 23, 2019    | Oct. 22, 2020     |
| Power Sensor            | Anritsu                 | MA2411B   | 1207366    | Oct. 23, 2019    | Oct. 22, 2020     |
| DC POWER<br>SOURCE      | GW INSTRUK              | GPC-6030D | GES855395  | Oct. 29, 2019    | Oct. 28, 2020     |
| AC POWER<br>SOURCE      | APC                     | AFC-500W  | F312060012 | Dec. 02, 2019    | Dec. 01, 2020     |
| Measurement<br>Software | Sporton                 | Sporton_1 | 1.3.30     | NA               | NA                |

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

### 1.3 Test Standards

47 CFR FCC Part 15.247

47 CFR FCC Part 15.407

ANSI C63.10-2013

FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01

### 1.4 Reference Guidance

FCC KDB 558074 D01 15.247 Meas Guidance v05r02

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

FCC KDB 412172 D01 Determining ERP and EIRP v01r01

### 1.5 Deviation from Test Standard and Measurement Procedure

None

### 1.6 Measurement Uncertainty

The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor ( $k=2$ )).

| Measurement Uncertainty       |               |
|-------------------------------|---------------|
| Parameters                    | Uncertainty   |
| Radiated emission $\leq$ 1GHz | $\pm 3.96$ dB |
| Radiated emission $>$ 1GHz    | $\pm 4.51$ dB |

## 2 Test Configuration

### 2.1 Testing Facility

|                             |                                                                                           |
|-----------------------------|-------------------------------------------------------------------------------------------|
| <b>Test Laboratory</b>      | International Certification Corp.                                                         |
| <b>Test Site</b>            | TH01-WS                                                                                   |
| <b>Address of Test Site</b> | No. 3-1, Lane 6, Wen San 3rd St., Kwei Shan District, Tao Yuan City 333, Taiwan, R.O.C.   |
| <b>Test Site</b>            | 03CH03-WS                                                                                 |
| <b>Address of Test Site</b> | No. 14-1, Lane 19, Wen San 3rd St., Kwei Shan District, Tao Yuan City 333, Taiwan, R.O.C. |

- FCC Designation No.: TW0009
- FCC site registration No.: 207696
- ISED#: 10807A
- CAB identifier: TW2732

### 2.2 The Worst Test Modes and Channel Details

| Test item                                                                                                                                                                                                               | Modulation Mode            | Test Configuration |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------|
| Radiated Emissions ≤1GHz                                                                                                                                                                                                | 2.4G 11g CH6 + 5G 11A CH40 | 1, 2               |
| Radiated Emissions >1GHz                                                                                                                                                                                                |                            | 1                  |
| Conducted Emissions                                                                                                                                                                                                     |                            | 1                  |
| <b>NOTE:</b><br>1. The selected channel is the maximum power channel of Wi-Fi mode.<br>2. The EUT had been tested by following test configurations.<br>1) Configuration 1: Adapter mode<br>2) Configuration 2: PoE mode |                            |                    |

### 3 Transmitter Test Results

#### 3.1 Unwanted Emissions into Restricted Frequency Bands

##### 3.1.1 Limit of Unwanted Emissions into Restricted Frequency Bands

| Restricted Band Emissions Limit |                       |                         |                      |
|---------------------------------|-----------------------|-------------------------|----------------------|
| Frequency Range (MHz)           | Field Strength (uV/m) | Field Strength (dBuV/m) | Measure Distance (m) |
| 0.009~0.490                     | 2400/F(kHz)           | 48.5 - 13.8             | 300                  |
| 0.490~1.705                     | 24000/F(kHz)          | 33.8 - 23               | 30                   |
| 1.705~30.0                      | 30                    | 29                      | 30                   |
| 30~88                           | 100                   | 40                      | 3                    |
| 88~216                          | 150                   | 43.5                    | 3                    |
| 216~960                         | 200                   | 46                      | 3                    |
| Above 960                       | 500                   | 54                      | 3                    |

**Note 1:**  
Qusai-Peak value is measured for frequency below 1GHz except for 9~90 kHz, 110~490 kHz frequency band. Peak and average value are measured for frequency above 1GHz. The limit on average radio frequency emission is as above table. The limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit

**Note 2:**  
Measurements may be performed at a distance other than what is specified provided. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor as below, Frequency at or above 30 MHz: 20 dB/decade Frequency below 30 MHz: 40 dB/decade.

##### 3.1.2 Test Procedures

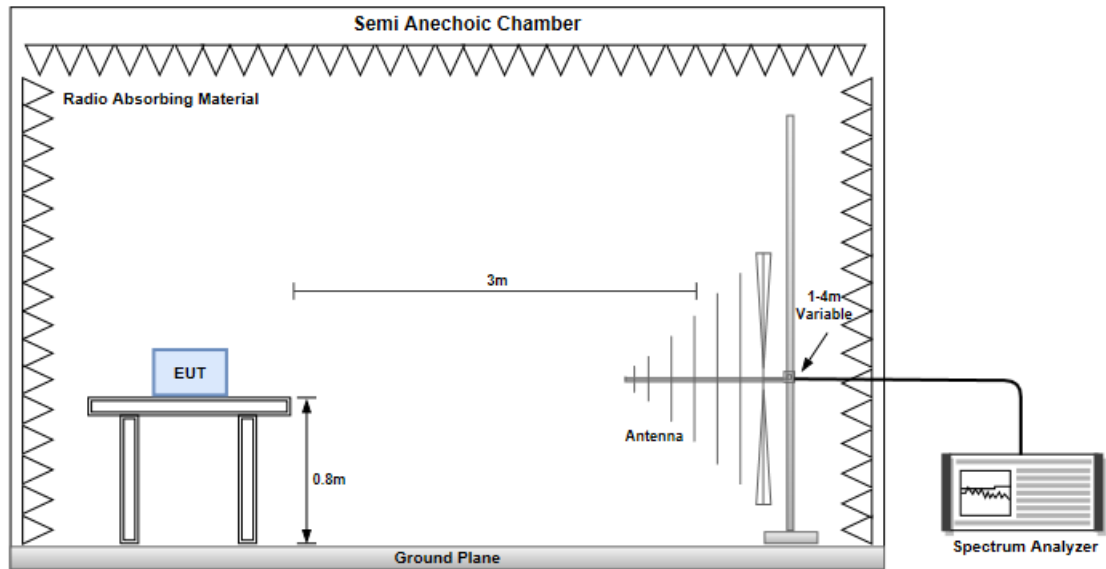
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. The EUT is placed at test table. For emissions testing at or below 1 GHz, the table height is 80 cm above the reference ground plane. For emission measurements above 1 GHz, the table height is 1.5 m.
2. Measurement is made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna is varied in height (1m ~ 4m) above the reference ground plane to obtain the maximum signal strength. Distance between EUT and antenna is 3 m.
3. This investigation is performed with the EUT rotated 360°, the antenna height scanned between 1 m and 4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations.

Note:

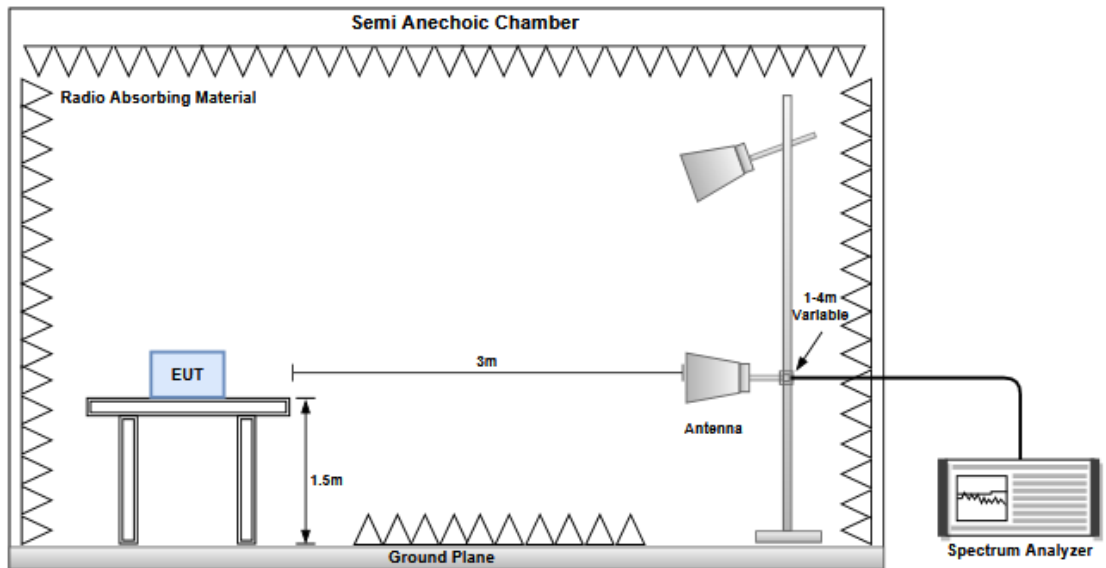
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above 1GHz.

### 3.1.3 Test Setup

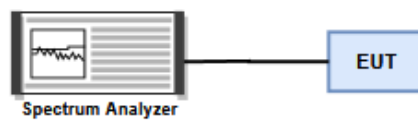
#### Radiated Emissions below 1 GHz



#### Radiated Emissions above 1 GHz



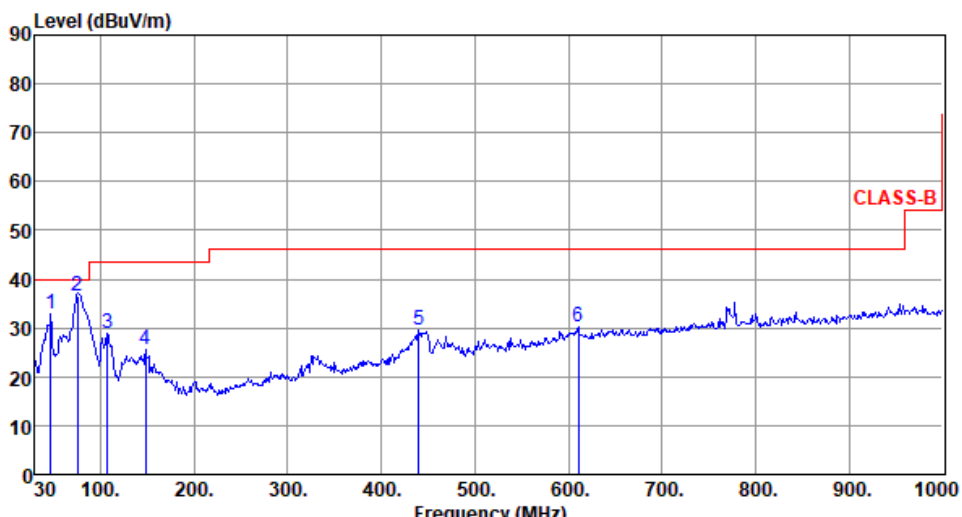
#### Transmitter Conducted Unwanted Emissions (30MHz~40GHz)



## Adapter mode

### 3.1.4 Transmitter Radiated Unwanted Emissions (Below 1GHz)

| Test Mode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2.4G 11g CH6 + 5G 11A CH40 |                             |                 |              |                       |              |        |                   |                      |  |              |                             |                 |              |                       |              |        |                   |                      |   |       |       |       |       |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |      |      |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------|-----------------|--------------|-----------------------|--------------|--------|-------------------|----------------------|--|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|--------|-------------------|----------------------|---|-------|-------|-------|-------|-------|--------|------|-----|-----|---|--------|-------|-------|--------|-------|-------|------|-----|-----|---|--------|-------|-------|--------|-------|-------|------|-----|-----|---|--------|-------|-------|--------|-------|-------|------|-----|-----|---|--------|-------|-------|--------|-------|-------|------|-----|-----|---|--------|-------|-------|--------|-------|------|------|-----|-----|
| Polarization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Horizontal                 |                             |                 |              |                       |              |        |                   |                      |  |              |                             |                 |              |                       |              |        |                   |                      |   |       |       |       |       |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |      |      |     |     |
| Test By :BRAD WU      Temperature(°C):24      Humidity(%):64                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                            |                             |                 |              |                       |              |        |                   |                      |  |              |                             |                 |              |                       |              |        |                   |                      |   |       |       |       |       |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |      |      |     |     |
| <div><div><div>Level (dBUV/m)</div><div></div></div><table><tr><th></th><th>Freq.<br/>MHz</th><th>Emission<br/>level<br/>dBUV/m</th><th>Limit<br/>dBUV/m</th><th>Margin<br/>dB</th><th>SA<br/>reading<br/>dBUV</th><th>Factor<br/>dB</th><th>Remark</th><th>ANT<br/>High<br/>cm</th><th>Turn<br/>Table<br/>deg</th></tr><tr><td>1</td><td>77.53</td><td>30.78</td><td>40.00</td><td>-9.22</td><td>43.73</td><td>-12.95</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>2</td><td>149.31</td><td>26.33</td><td>43.50</td><td>-17.17</td><td>35.31</td><td>-8.98</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>333.61</td><td>24.79</td><td>46.00</td><td>-21.21</td><td>32.06</td><td>-7.27</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>4</td><td>446.13</td><td>31.23</td><td>46.00</td><td>-14.77</td><td>35.16</td><td>-3.93</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>602.30</td><td>30.23</td><td>46.00</td><td>-15.77</td><td>30.78</td><td>-0.55</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>6</td><td>743.92</td><td>31.32</td><td>46.00</td><td>-14.68</td><td>28.84</td><td>2.48</td><td>Peak</td><td>---</td><td>---</td></tr></table></div> |                            |                             |                 |              |                       |              |        |                   |                      |  | Freq.<br>MHz | Emission<br>level<br>dBUV/m | Limit<br>dBUV/m | Margin<br>dB | SA<br>reading<br>dBUV | Factor<br>dB | Remark | ANT<br>High<br>cm | Turn<br>Table<br>deg | 1 | 77.53 | 30.78 | 40.00 | -9.22 | 43.73 | -12.95 | Peak | --- | --- | 2 | 149.31 | 26.33 | 43.50 | -17.17 | 35.31 | -8.98 | Peak | --- | --- | 3 | 333.61 | 24.79 | 46.00 | -21.21 | 32.06 | -7.27 | Peak | --- | --- | 4 | 446.13 | 31.23 | 46.00 | -14.77 | 35.16 | -3.93 | Peak | --- | --- | 5 | 602.30 | 30.23 | 46.00 | -15.77 | 30.78 | -0.55 | Peak | --- | --- | 6 | 743.92 | 31.32 | 46.00 | -14.68 | 28.84 | 2.48 | Peak | --- | --- |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Freq.<br>MHz               | Emission<br>level<br>dBUV/m | Limit<br>dBUV/m | Margin<br>dB | SA<br>reading<br>dBUV | Factor<br>dB | Remark | ANT<br>High<br>cm | Turn<br>Table<br>deg |  |              |                             |                 |              |                       |              |        |                   |                      |   |       |       |       |       |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |      |      |     |     |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 77.53                      | 30.78                       | 40.00           | -9.22        | 43.73                 | -12.95       | Peak   | ---               | ---                  |  |              |                             |                 |              |                       |              |        |                   |                      |   |       |       |       |       |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |      |      |     |     |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 149.31                     | 26.33                       | 43.50           | -17.17       | 35.31                 | -8.98        | Peak   | ---               | ---                  |  |              |                             |                 |              |                       |              |        |                   |                      |   |       |       |       |       |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |      |      |     |     |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 333.61                     | 24.79                       | 46.00           | -21.21       | 32.06                 | -7.27        | Peak   | ---               | ---                  |  |              |                             |                 |              |                       |              |        |                   |                      |   |       |       |       |       |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |      |      |     |     |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 446.13                     | 31.23                       | 46.00           | -14.77       | 35.16                 | -3.93        | Peak   | ---               | ---                  |  |              |                             |                 |              |                       |              |        |                   |                      |   |       |       |       |       |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |      |      |     |     |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 602.30                     | 30.23                       | 46.00           | -15.77       | 30.78                 | -0.55        | Peak   | ---               | ---                  |  |              |                             |                 |              |                       |              |        |                   |                      |   |       |       |       |       |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |      |      |     |     |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 743.92                     | 31.32                       | 46.00           | -14.68       | 28.84                 | 2.48         | Peak   | ---               | ---                  |  |              |                             |                 |              |                       |              |        |                   |                      |   |       |       |       |       |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |      |      |     |     |
| Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB)<br>*Factor includes antenna factor , cable loss and amplifier gain<br>Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).<br>Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                            |                             |                 |              |                       |              |        |                   |                      |  |              |                             |                 |              |                       |              |        |                   |                      |   |       |       |       |       |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |      |      |     |     |

| Test Mode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2.4G 11g CH6 + 5G 11A CH40 |          |        |                    |         |        |                |      |       |  |       |          |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |  |  |  |  |  |  |    |     |   |       |       |       |       |       |       |      |     |     |   |       |       |       |       |       |        |    |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------|--------|--------------------|---------|--------|----------------|------|-------|--|-------|----------|-------|--------|----|--------|--------|-----|------|--|-----|-------|--------|----|---------|----|--|------|-------|--|--|--|--|--|--|--|--|----|-----|---|-------|-------|-------|-------|-------|-------|------|-----|-----|---|-------|-------|-------|-------|-------|--------|----|-----|-----|---|--------|-------|-------|--------|-------|--------|------|-----|-----|---|--------|-------|-------|--------|-------|-------|------|-----|-----|---|--------|-------|-------|--------|-------|-------|------|-----|-----|---|--------|-------|-------|--------|-------|-------|------|-----|-----|
| Polarization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Vertical                   |          |        |                    |         |        |                |      |       |  |       |          |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |  |  |  |  |  |  |    |     |   |       |       |       |       |       |       |      |     |     |   |       |       |       |       |       |        |    |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
| Test By                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                            | :BRAD WU |        | Temperature(°C):24 |         |        | Humidity(%):64 |      |       |  |       |          |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |  |  |  |  |  |  |    |     |   |       |       |       |       |       |       |      |     |     |   |       |       |       |       |       |        |    |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
| <div><div><div>Level (dBuV/m)</div><div></div><div>Frequency (MHz)</div></div><table><thead><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>46.49</td><td>33.00</td><td>40.00</td><td>-7.00</td><td>41.75</td><td>-8.75</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>2</td><td>75.59</td><td>36.47</td><td>40.00</td><td>-3.53</td><td>48.74</td><td>-12.27</td><td>QP</td><td>100</td><td>269</td></tr><tr><td>3</td><td>107.60</td><td>28.77</td><td>43.50</td><td>-14.73</td><td>41.31</td><td>-12.54</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>4</td><td>148.34</td><td>25.51</td><td>43.50</td><td>-17.99</td><td>34.53</td><td>-9.02</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>440.31</td><td>29.55</td><td>46.00</td><td>-16.45</td><td>33.84</td><td>-4.29</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>6</td><td>611.03</td><td>30.23</td><td>46.00</td><td>-15.77</td><td>30.28</td><td>-0.05</td><td>Peak</td><td>---</td><td>---</td></tr></tbody></table></div> |                            |          |        |                    |         |        |                |      |       |  | Freq. | Emission | Limit | Margin | SA | Factor | Remark | ANT | Turn |  | MHz | level | dBuV/m | dB | reading | dB |  | High | Table |  |  |  |  |  |  |  |  | cm | deg | 1 | 46.49 | 33.00 | 40.00 | -7.00 | 41.75 | -8.75 | Peak | --- | --- | 2 | 75.59 | 36.47 | 40.00 | -3.53 | 48.74 | -12.27 | QP | 100 | 269 | 3 | 107.60 | 28.77 | 43.50 | -14.73 | 41.31 | -12.54 | Peak | --- | --- | 4 | 148.34 | 25.51 | 43.50 | -17.99 | 34.53 | -9.02 | Peak | --- | --- | 5 | 440.31 | 29.55 | 46.00 | -16.45 | 33.84 | -4.29 | Peak | --- | --- | 6 | 611.03 | 30.23 | 46.00 | -15.77 | 30.28 | -0.05 | Peak | --- | --- |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Freq.                      | Emission | Limit  | Margin             | SA      | Factor | Remark         | ANT  | Turn  |  |       |          |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |  |  |  |  |  |  |    |     |   |       |       |       |       |       |       |      |     |     |   |       |       |       |       |       |        |    |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | MHz                        | level    | dBuV/m | dB                 | reading | dB     |                | High | Table |  |       |          |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |  |  |  |  |  |  |    |     |   |       |       |       |       |       |       |      |     |     |   |       |       |       |       |       |        |    |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                            |          |        |                    |         |        |                | cm   | deg   |  |       |          |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |  |  |  |  |  |  |    |     |   |       |       |       |       |       |       |      |     |     |   |       |       |       |       |       |        |    |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 46.49                      | 33.00    | 40.00  | -7.00              | 41.75   | -8.75  | Peak           | ---  | ---   |  |       |          |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |  |  |  |  |  |  |    |     |   |       |       |       |       |       |       |      |     |     |   |       |       |       |       |       |        |    |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 75.59                      | 36.47    | 40.00  | -3.53              | 48.74   | -12.27 | QP             | 100  | 269   |  |       |          |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |  |  |  |  |  |  |    |     |   |       |       |       |       |       |       |      |     |     |   |       |       |       |       |       |        |    |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 107.60                     | 28.77    | 43.50  | -14.73             | 41.31   | -12.54 | Peak           | ---  | ---   |  |       |          |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |  |  |  |  |  |  |    |     |   |       |       |       |       |       |       |      |     |     |   |       |       |       |       |       |        |    |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 148.34                     | 25.51    | 43.50  | -17.99             | 34.53   | -9.02  | Peak           | ---  | ---   |  |       |          |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |  |  |  |  |  |  |    |     |   |       |       |       |       |       |       |      |     |     |   |       |       |       |       |       |        |    |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 440.31                     | 29.55    | 46.00  | -16.45             | 33.84   | -4.29  | Peak           | ---  | ---   |  |       |          |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |  |  |  |  |  |  |    |     |   |       |       |       |       |       |       |      |     |     |   |       |       |       |       |       |        |    |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 611.03                     | 30.23    | 46.00  | -15.77             | 30.28   | -0.05  | Peak           | ---  | ---   |  |       |          |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |  |  |  |  |  |  |    |     |   |       |       |       |       |       |       |      |     |     |   |       |       |       |       |       |        |    |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
| Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)<br>*Factor includes antenna factor , cable loss and amplifier gain<br>Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).<br>Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                            |          |        |                    |         |        |                |      |       |  |       |          |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |  |  |  |  |  |  |    |     |   |       |       |       |       |       |       |      |     |     |   |       |       |       |       |       |        |    |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |

### 3.1.5 Transmitter Radiated Unwanted Emissions (Above 1GHz)

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| Test Mode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2.4G 11g CH6 + 5G 11A CH40 |  |  |  |  |  |  |  |  |
| Polarization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Horizontal                 |  |  |  |  |  |  |  |  |
| Test By :BRAD WU      Temperature(°C):24      Humidity(%):64                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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(dBuV/m)</div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div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|                            |  |  |  |  |  |  |  |  |

## PoE mode

### 3.1.6 Transmitter Radiated Unwanted Emissions (Below 1GHz)

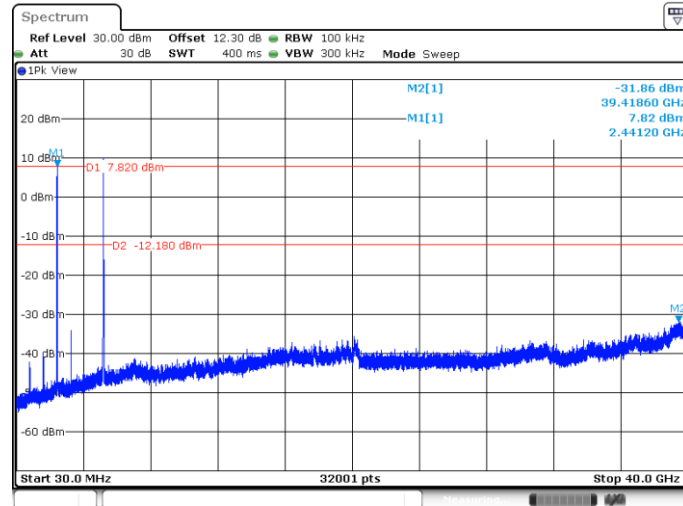
| Test Mode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2.4G 11g CH6 + 5G 11A CH40 |                             |                 |              |                       |              |        |                   |                      |  |              |                             |                 |              |                       |              |        |                   |                      |   |       |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------|-----------------|--------------|-----------------------|--------------|--------|-------------------|----------------------|--|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|--------|-------------------|----------------------|---|-------|-------|-------|--------|-------|-------|------|-----|-----|---|--------|-------|-------|--------|-------|--------|------|-----|-----|---|--------|-------|-------|--------|-------|-------|------|-----|-----|---|--------|-------|-------|--------|-------|--------|------|-----|-----|---|--------|-------|-------|--------|-------|-------|------|-----|-----|---|--------|-------|-------|--------|-------|-------|------|-----|-----|
| Polarization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Horizontal                 |                             |                 |              |                       |              |        |                   |                      |  |              |                             |                 |              |                       |              |        |                   |                      |   |       |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
| Test By :BRAD WU      Temperature(°C):24      Humidity(%):64                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                            |                             |                 |              |                       |              |        |                   |                      |  |              |                             |                 |              |                       |              |        |                   |                      |   |       |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
| <div><div><div>Level (dBuV/m)</div><div></div></div><table><tr><th></th><th>Freq.<br/>MHz</th><th>Emission<br/>level<br/>dBuV/m</th><th>Limit<br/>dBuV/m</th><th>Margin<br/>dB</th><th>SA<br/>reading<br/>dBuV</th><th>Factor<br/>dB</th><th>Remark</th><th>ANT<br/>High<br/>cm</th><th>Turn<br/>Table<br/>deg</th></tr><tr><td>1</td><td>46.49</td><td>29.90</td><td>40.00</td><td>-10.10</td><td>38.65</td><td>-8.75</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>2</td><td>108.57</td><td>25.32</td><td>43.50</td><td>-18.18</td><td>37.75</td><td>-12.43</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>171.62</td><td>28.44</td><td>43.50</td><td>-15.06</td><td>37.85</td><td>-9.41</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>4</td><td>249.22</td><td>24.86</td><td>46.00</td><td>-21.14</td><td>35.04</td><td>-10.18</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>424.79</td><td>25.65</td><td>46.00</td><td>-20.35</td><td>30.65</td><td>-5.00</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>6</td><td>599.39</td><td>29.59</td><td>46.00</td><td>-16.41</td><td>30.30</td><td>-0.71</td><td>Peak</td><td>---</td><td>---</td></tr></table></div> |                            |                             |                 |              |                       |              |        |                   |                      |  | Freq.<br>MHz | Emission<br>level<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | SA<br>reading<br>dBuV | Factor<br>dB | Remark | ANT<br>High<br>cm | Turn<br>Table<br>deg | 1 | 46.49 | 29.90 | 40.00 | -10.10 | 38.65 | -8.75 | Peak | --- | --- | 2 | 108.57 | 25.32 | 43.50 | -18.18 | 37.75 | -12.43 | Peak | --- | --- | 3 | 171.62 | 28.44 | 43.50 | -15.06 | 37.85 | -9.41 | Peak | --- | --- | 4 | 249.22 | 24.86 | 46.00 | -21.14 | 35.04 | -10.18 | Peak | --- | --- | 5 | 424.79 | 25.65 | 46.00 | -20.35 | 30.65 | -5.00 | Peak | --- | --- | 6 | 599.39 | 29.59 | 46.00 | -16.41 | 30.30 | -0.71 | Peak | --- | --- |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Freq.<br>MHz               | Emission<br>level<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | SA<br>reading<br>dBuV | Factor<br>dB | Remark | ANT<br>High<br>cm | Turn<br>Table<br>deg |  |              |                             |                 |              |                       |              |        |                   |                      |   |       |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 46.49                      | 29.90                       | 40.00           | -10.10       | 38.65                 | -8.75        | Peak   | ---               | ---                  |  |              |                             |                 |              |                       |              |        |                   |                      |   |       |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 108.57                     | 25.32                       | 43.50           | -18.18       | 37.75                 | -12.43       | Peak   | ---               | ---                  |  |              |                             |                 |              |                       |              |        |                   |                      |   |       |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 171.62                     | 28.44                       | 43.50           | -15.06       | 37.85                 | -9.41        | Peak   | ---               | ---                  |  |              |                             |                 |              |                       |              |        |                   |                      |   |       |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 249.22                     | 24.86                       | 46.00           | -21.14       | 35.04                 | -10.18       | Peak   | ---               | ---                  |  |              |                             |                 |              |                       |              |        |                   |                      |   |       |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 424.79                     | 25.65                       | 46.00           | -20.35       | 30.65                 | -5.00        | Peak   | ---               | ---                  |  |              |                             |                 |              |                       |              |        |                   |                      |   |       |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 599.39                     | 29.59                       | 46.00           | -16.41       | 30.30                 | -0.71        | Peak   | ---               | ---                  |  |              |                             |                 |              |                       |              |        |                   |                      |   |       |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
| Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)<br>*Factor includes antenna factor , cable loss and amplifier gain<br>Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).<br>Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                            |                             |                 |              |                       |              |        |                   |                      |  |              |                             |                 |              |                       |              |        |                   |                      |   |       |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |

| Test Mode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        | 2.4G 11g CH6 + 5G 11A CH40 |        |                    |         |        |                |      |       |  |       |          |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |  |  |      |  |  |    |     |   |       |       |       |       |       |       |      |     |     |   |       |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------------------|--------|--------------------|---------|--------|----------------|------|-------|--|-------|----------|-------|--------|----|--------|--------|-----|------|--|-----|-------|--------|----|---------|----|--|------|-------|--|--|--------|--|--|------|--|--|----|-----|---|-------|-------|-------|-------|-------|-------|------|-----|-----|---|-------|-------|-------|--------|-------|--------|------|-----|-----|---|--------|-------|-------|--------|-------|-------|------|-----|-----|---|--------|-------|-------|--------|-------|--------|------|-----|-----|---|--------|-------|-------|--------|-------|-------|------|-----|-----|---|--------|-------|-------|--------|-------|-------|------|-----|-----|
| Polarization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        | Vertical                   |        |                    |         |        |                |      |       |  |       |          |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |  |  |      |  |  |    |     |   |       |       |       |       |       |       |      |     |     |   |       |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
| Test By                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        | :BRAD WU                   |        | Temperature(°C):24 |         |        | Humidity(%):64 |      |       |  |       |          |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |  |  |      |  |  |    |     |   |       |       |       |       |       |       |      |     |     |   |       |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
| <div><div><div>Level (dBuV/m)</div><div></div><div>Frequency (MHz)</div></div></div> <table><thead><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>dBuV/m</th><th></th><th></th><th>dBuV</th><th></th><th></th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>41.64</td><td>36.59</td><td>40.00</td><td>-3.41</td><td>45.51</td><td>-8.92</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>2</td><td>76.56</td><td>22.91</td><td>40.00</td><td>-17.09</td><td>35.59</td><td>-12.68</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>171.62</td><td>26.13</td><td>43.50</td><td>-17.37</td><td>35.54</td><td>-9.41</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>4</td><td>249.22</td><td>23.25</td><td>46.00</td><td>-22.75</td><td>33.43</td><td>-10.18</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>470.38</td><td>27.06</td><td>46.00</td><td>-18.94</td><td>30.63</td><td>-3.57</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>6</td><td>602.30</td><td>29.34</td><td>46.00</td><td>-16.66</td><td>29.89</td><td>-0.55</td><td>Peak</td><td>---</td><td>---</td></tr></tbody></table> <div><div>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)</div><div>*Factor includes antenna factor , cable loss and amplifier gain</div><div>Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</div><div>Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.</div></div> |        |                            |        |                    |         |        |                |      |       |  | Freq. | Emission | Limit | Margin | SA | Factor | Remark | ANT | Turn |  | MHz | level | dBuV/m | dB | reading | dB |  | High | Table |  |  | dBuV/m |  |  | dBuV |  |  | cm | deg | 1 | 41.64 | 36.59 | 40.00 | -3.41 | 45.51 | -8.92 | Peak | --- | --- | 2 | 76.56 | 22.91 | 40.00 | -17.09 | 35.59 | -12.68 | Peak | --- | --- | 3 | 171.62 | 26.13 | 43.50 | -17.37 | 35.54 | -9.41 | Peak | --- | --- | 4 | 249.22 | 23.25 | 46.00 | -22.75 | 33.43 | -10.18 | Peak | --- | --- | 5 | 470.38 | 27.06 | 46.00 | -18.94 | 30.63 | -3.57 | Peak | --- | --- | 6 | 602.30 | 29.34 | 46.00 | -16.66 | 29.89 | -0.55 | Peak | --- | --- |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Freq.  | Emission                   | Limit  | Margin             | SA      | Factor | Remark         | ANT  | Turn  |  |       |          |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |  |  |      |  |  |    |     |   |       |       |       |       |       |       |      |     |     |   |       |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | MHz    | level                      | dBuV/m | dB                 | reading | dB     |                | High | Table |  |       |          |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |  |  |      |  |  |    |     |   |       |       |       |       |       |       |      |     |     |   |       |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        | dBuV/m                     |        |                    | dBuV    |        |                | cm   | deg   |  |       |          |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |  |  |      |  |  |    |     |   |       |       |       |       |       |       |      |     |     |   |       |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 41.64  | 36.59                      | 40.00  | -3.41              | 45.51   | -8.92  | Peak           | ---  | ---   |  |       |          |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |  |  |      |  |  |    |     |   |       |       |       |       |       |       |      |     |     |   |       |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 76.56  | 22.91                      | 40.00  | -17.09             | 35.59   | -12.68 | Peak           | ---  | ---   |  |       |          |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |  |  |      |  |  |    |     |   |       |       |       |       |       |       |      |     |     |   |       |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 171.62 | 26.13                      | 43.50  | -17.37             | 35.54   | -9.41  | Peak           | ---  | ---   |  |       |          |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |  |  |      |  |  |    |     |   |       |       |       |       |       |       |      |     |     |   |       |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 249.22 | 23.25                      | 46.00  | -22.75             | 33.43   | -10.18 | Peak           | ---  | ---   |  |       |          |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |  |  |      |  |  |    |     |   |       |       |       |       |       |       |      |     |     |   |       |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 470.38 | 27.06                      | 46.00  | -18.94             | 30.63   | -3.57  | Peak           | ---  | ---   |  |       |          |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |  |  |      |  |  |    |     |   |       |       |       |       |       |       |      |     |     |   |       |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 602.30 | 29.34                      | 46.00  | -16.66             | 29.89   | -0.55  | Peak           | ---  | ---   |  |       |          |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |  |  |      |  |  |    |     |   |       |       |       |       |       |       |      |     |     |   |       |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |        |      |     |     |   |        |       |       |        |       |       |      |     |     |   |        |       |       |        |       |       |      |     |     |

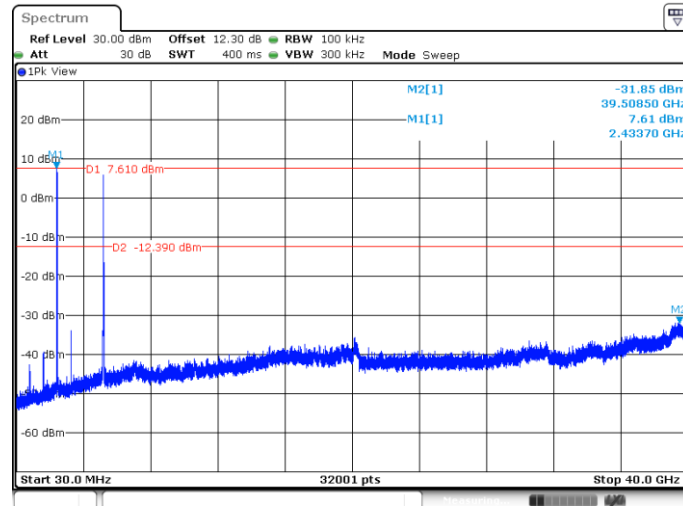
### 3.1.7 Conducted Emissions (30MHz~40GHz)

|                   |            |           |         |
|-------------------|------------|-----------|---------|
| Ambient Condition | 24°C / 64% | Tested By | Brad Wu |
|-------------------|------------|-----------|---------|

Conducted Emission Plots of Antenna port 1



Conducted Emission Plots of Antenna port 2



## 4 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corp (EMC and Wireless Communication Laboratory), it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan District. Location map can be found on our website <http://www.icertifi.com.tw>.

### **Linkou**

Tel: 886-2-2601-1640

No. 30-2, Ding Fwu Tsuen, Lin  
Kou District, New Taipei City,  
Taiwan, R.O.C.

### **Kwei Shan**

Tel: 886-3-271-8666

No. 3-1, Lane 6, Wen San 3rd St.,  
Kwei Shan District, Tao Yuan City  
333, Taiwan, R.O.C.

### **Kwei Shan Site II**

Tel: 886-3-271-8640

No. 14-1, Lane 19, Wen San 3rd  
St., Kwei Shan District, Tao Yuan  
City 333, Taiwan, R.O.C..

If you have any suggestion, please feel free to contact us as below information

Tel: 886-3-271-8666

Fax: 886-3-318-0155

Email: ICC\_Service@icertifi.com.tw

==END==