

# FCC Radio Test Report

## FCC ID: QIS-TE10-R

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

**Project No.** : 1608C052  
**Equipment** : Videoconferencing Endpoint  
**Model Name** : HUAWEI TE10  
**Applicant** : Huawei Technologies Co., Ltd.  
**Address** : Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District Shenzhen, 518129, P.R.C

**Date of Receipt** : Aug. 04, 2016  
**Date of Test** : Aug. 04, 2016 ~ Aug. 30, 2016  
**Issued Date** : Aug. 31, 2016  
**Tested by** : BTL Inc.

**Testing Engineer** : Shawn Xiao  
(Shawn Xiao)

**Technical Manager** : David Mao  
(David Mao)

**Authorized Signatory** : Steven Lu  
(Steven Lu)

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

No.3, Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.

TEL: +86-769-8318-3000 FAX: +86-769-8319-6000

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**BTL's** laboratory quality assurance procedures are in compliance with the **ISO Guide 17025** requirements, and accredited by the conformity assessment authorities listed in this test report.

### **Limitation**

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

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### REPORT ISSUED HISTORY

| Issued No.          | Description     | Issued Date   |
|---------------------|-----------------|---------------|
| BTL-FCCP-5-1608C052 | Original Issue. | Aug. 31, 2016 |

## 1. CERTIFICATION

Equipment : Videoconferencing Endpoint  
Brand Name : HUAWEI  
Model Name : HUAWEI TE10  
Applicant : Huawei Technologies Co., Ltd.  
Manufacturer : Huawei Technologies Co.,Ltd.  
Address : Administration Building, Headquarters of Huawei Technologies Co., Ltd.,  
Bantian, Longgang District Shenzhen,518129, P.R.C  
Factory : Maintek Computer (Suzhou) Co., Ltd.  
Address : No. 233, JinFeng Road, New District, SuZhou, China  
Date of Test : Aug. 04, 2016 ~ Aug. 30, 2016  
Test Sample : Engineering Sample  
Standard(s) : FCC Part15, Subpart C (15.247) / ANSI C63.10-2013

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

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-5-1608C052) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

**Test results included in this report is only for the IEEE 802.15.4 part of remote.**

## 2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

| Applied Standard(s): FCC Part15 (15.247) , Subpart C |               |                                     |          |        |
|--|---------------|-------------------------------------|----------|--------|
| Standard(s)  | Section       | Test Item                           | Judgment | Remark |
|  | 15.207        | Conducted Emission                  | N/A      | NOTE 1 |
|  | 15.247(d)     | Antenna conducted Spurious Emission | PASS     |        |
|  | 15.247(a)(2)  | 6dB Bandwidth                       | PASS     |        |
|  | 15.247(b)(3)  | Peak Output Power                   | PASS     |        |
|  | 15.247(e)     | Power Spectral Density              | PASS     |        |
|  | 15.203        | Antenna Requirement                 | PASS     |        |
|  | 15.209/15.205 | Transmitter Radiated Emissions      | PASS     |        |

NOTE:

(1) "N/A" denotes test is not applicable to this device.

## 2.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.3, Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.  
 BTL's test firm number for FCC: 319330

## 2.2 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. The measurement instrumentation uncertainty considerations contained in CISPR 16-4-2.

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

### A. Radiated Measurement :

| Test Site | Method | Measurement Frequency Range | Ant. H / V | U, (dB) |
|-----------|--------|-----------------------------|------------|---------|
| DG-CB03   | CISPR  | 9KHz~30MHz                  | V          | 3.79    |
|           |        | 9KHz~30MHz                  | H          | 3.57    |
|           |        | 30MHz ~ 200MHz              | V          | 3.82    |
|           |        | 30MHz ~ 200MHz              | H          | 3.78    |
|           |        | 200MHz ~ 1,000MHz           | V          | 4.10    |
|           |        | 200MHz ~ 1,000MHz           | H          | 4.06    |
|           |        | 1GHz~18GHz                  | V          | 3.12    |
|           |        | 1GHz~18GHz                  | H          | 3.68    |
|           |        | 18GHz~40GHz                 | V          | 4.15    |
|           |        | 18GHz~40GHz                 | H          | 4.14    |

Note: Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

### 3. GENERAL INFORMATION

#### 3.1 GENERAL DESCRIPTION OF EUT

|                     |                             |               |  |
|---------------------|-----------------------------|---------------|--|
| Equipment           | Videoconferencing Endpoint  |               |  |
| Brand Name          | HUAWEI                      |               |  |
| Model Name          | HUAWEI TE10                 |               |  |
| Model Difference    | N/A                         |               |  |
| Product Description | Operation Frequency         | 2425~2475 MHz |  |
|                     | Modulation Technology       | DSSS          |  |
|                     | Bit Rate of Transmitter     | 1Mbps         |  |
|                     | Output Power (Max.)         | 0.44dBm       |  |
| Power Source        | Supplied from 2*AA battery. |               |  |
| Power Rating        | DC 3V                       |               |  |

Note:

- For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
- Channel List:

| Channel | Frequency (MHz) | Channel | Frequency (MHz) |
|---------|-----------------|---------|-----------------|
| 01      | 2425            | 07      | 2455            |
| 02      | 2430            | 08      | 2460            |
| 03      | 2435            | 09      | 2465            |
| 04      | 2440            | 10      | 2470            |
| 05      | 2445            | 11      | 2475            |
| 06      | 2450            |         |                 |

#### 3. Table for Filed Antenna:

| Ant. | Brand | Model Name | Antenna Type | Connector | Gain (dBi) |
|------|-------|------------|--------------|-----------|------------|
| 1    | N/A   | N/A        | Internal     | N/A       | 2          |

### 3.2 DESCRIPTION OF TEST MODES

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

| Pretest Mode | Description             |
|--------------|-------------------------|
| Mode 1       | TX Mode <b>NOTE (1)</b> |

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

| For Radiated Test |                         |
|-------------------|-------------------------|
| Final Test Mode   | Description             |
| Mode 1            | TX Mode <b>NOTE (1)</b> |

Note:

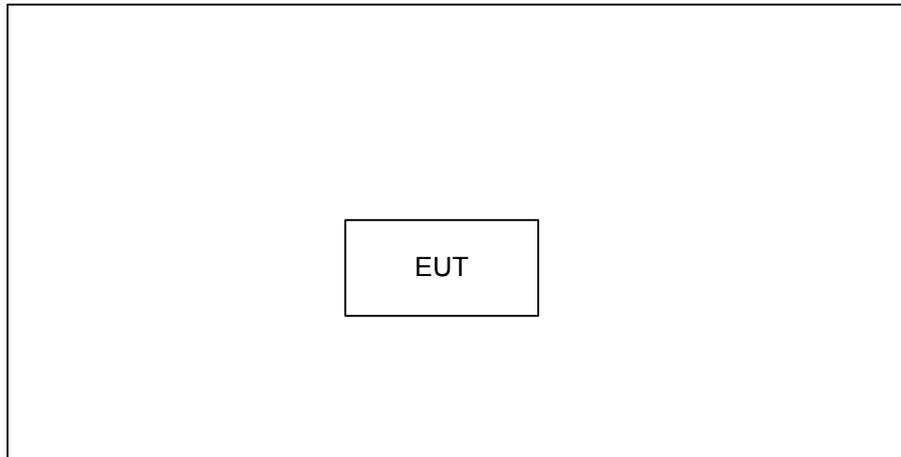
- (1) The measurements are performed at the high, middle, low available channels.
- (2) The measurements for radiated emission, the worst case are high and low channels, only worst case was documented.

### 3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product power parameters of IEEE 802.15.4.

| Test Software Version | DutApi_w8887_BrdigeEth |      |      |
|-----------------------|------------------------|------|------|
| Frequency (MHz)       | 2425                   | 2450 | 2475 |
| IEEE 802.15.4         | 0                      | 0    | 0    |

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



### 3.5 DESCRIPTION OF SUPPORT UNITS

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

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

| Item | Shielded Type | Ferrite Core | Length | Note |
|------|---------------|--------------|--------|------|
| -    | -             | -            | -      | -    |

## 4. EMC EMISSION TEST

### 4.1 CONDUCTED EMISSION MEASUREMENT

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

| Frequency of Emission (MHz) | Conducted Limit (dBμV) |           |
|-----------------------------|------------------------|-----------|
|                             | Quasi-peak             | Average   |
| 0.15 -0.5                   | 66 to 56*              | 56 to 46* |
| 0.50 -5.0                   | 56                     | 46        |
| 5.0 -30.0                   | 60                     | 50        |

Note:

- (1) The limit of " \* " decreases with the logarithm of the frequency
- (2) The test result calculated as following:  
 Measurement Value = Reading Level + Correct Factor  
 Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)  
 Margin Level = Measurement Value - Limit Value

The following table is the setting of the receiver

| Receiver Parameters | Setting  |
|---------------------|----------|
| Attenuation         | 10 dB    |
| Start Frequency     | 0.15 MHz |
| Stop Frequency      | 30 MHz   |
| IF Bandwidth        | 9 kHz    |

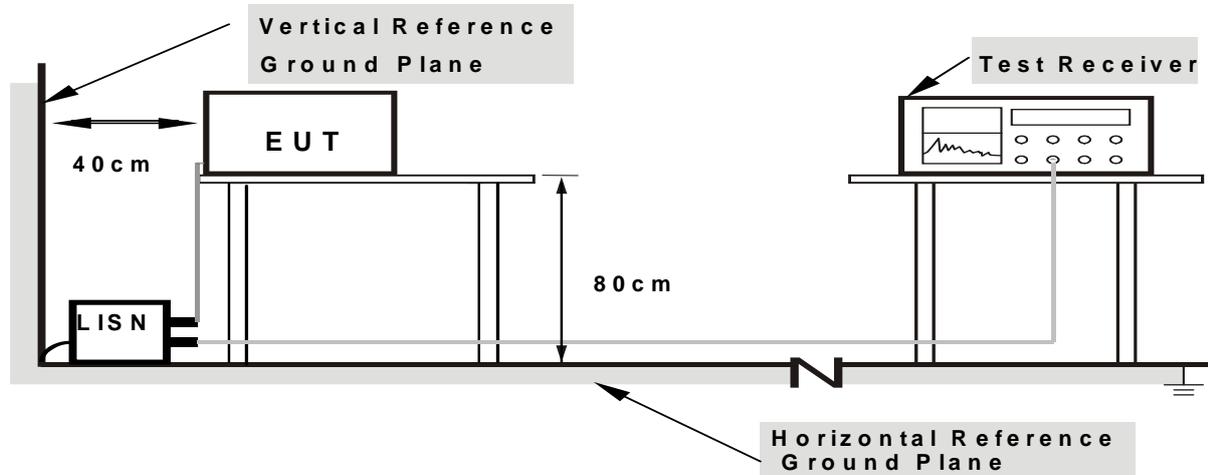
#### 4.1.2 TEST PROCEDURE

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

#### 4.1.3 DEVIATION FROM TEST STANDARD

No deviation

#### 4.1.4 TEST SETUP



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

#### 4.1.5 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical function (as a customer would normally use it), EUT was programmed to be in continuously transmitting/receiving data or hopping on mode.

#### 4.1.6 EUT TEST CONDITIONS

Temperature: N/A°C  
 Relative Humidity: N/A%  
 Test Voltage: N/A

#### 4.1.7 TEST RESULTS

Please refer to the Attachment A.

Remark:

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

## 4.2 RADIATED EMISSION MEASUREMENT

### 4.2.1 RADIATED EMISSION LIMITS

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

#### LIMITS OF RADIATED EMISSION MEASUREMENT (9KHz-1000MHz)

| Frequency (MHz) | Field Strength (microvolts/meter) | Measurement Distance (meters) |
|-----------------|-----------------------------------|-------------------------------|
| 0.009~0.490     | 2400/F(KHz)                       | 300                           |
| 0.490~1.705     | 24000/F(KHz)                      | 30                            |
| 1.705~30.0      | 30                                | 30                            |
| 30~88           | 100                               | 3                             |
| 88~216          | 150                               | 3                             |
| 216~960         | 200                               | 3                             |
| 960~1000        | 500                               | 3                             |

#### LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

| Frequency (MHz) | Band edge at 3m (dB $\mu$ V/m) |         | Harmonic at 1.5m (dB $\mu$ V/m) |            |
|-----------------|--------------------------------|---------|---------------------------------|------------|
|                 | Peak                           | Average | Peak                            | Average    |
| Above 1000      | 74                             | 54      | 80 (Note 5)                     | 60(Note 5) |

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).
- (4) The test result calculated as following:  
 Measurement Value = Reading Level + Correct Factor  
 Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)  
 Margin Level = Measurement Value - Limit Value

$$(5) \quad FS_{\text{limit}} = FS_{\text{max}} - 20 \log \left( \frac{d_{\text{limit}}}{d_{\text{measure}}} \right)$$

$$20 \log d_{\text{limit}}/d_{\text{measure}} = 20 \log 3/1.5 = 6 \text{dB.}$$

| Spectrum Parameter                         | Setting   |
|--|---|
| Attenuation                                | Auto  |
| Start Frequency                            | 1000 MHz  |
| Stop Frequency                             | 10th carrier harmonic   |
| RBW / VBW<br>(Emission in restricted band) | RBW 1MHz VBW 3MHz peak detector for Pk value<br>RMS detector for AV value |

| Receiver Parameter     | Setting                           |
|------------------------|-----------------------------------|
| Attenuation            | Auto                              |
| Start ~ Stop Frequency | 9KHz~90KHz for PK/AVG detector    |
| Start ~ Stop Frequency | 90KHz~110KHz for QP detector      |
| Start ~ Stop Frequency | 110KHz~490KHz for PK/AVG detector |
| Start ~ Stop Frequency | 490KHz~30MHz for QP detector      |
| Start ~ Stop Frequency | 30MHz~1000MHz for QP detector     |

#### 4.2.2 TEST PROCEDURE

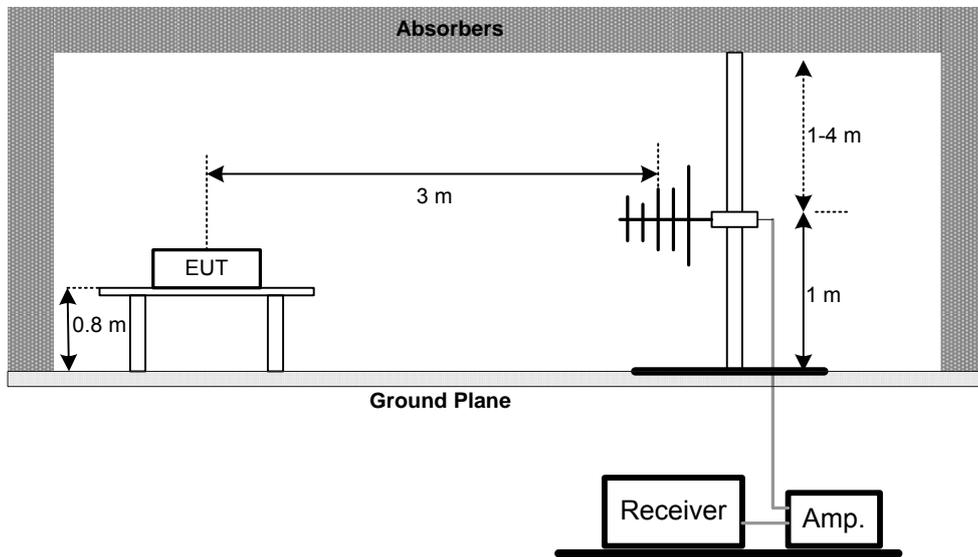
- a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- b. The measuring distance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

#### 4.2.3 DEVIATION FROM TEST STANDARD

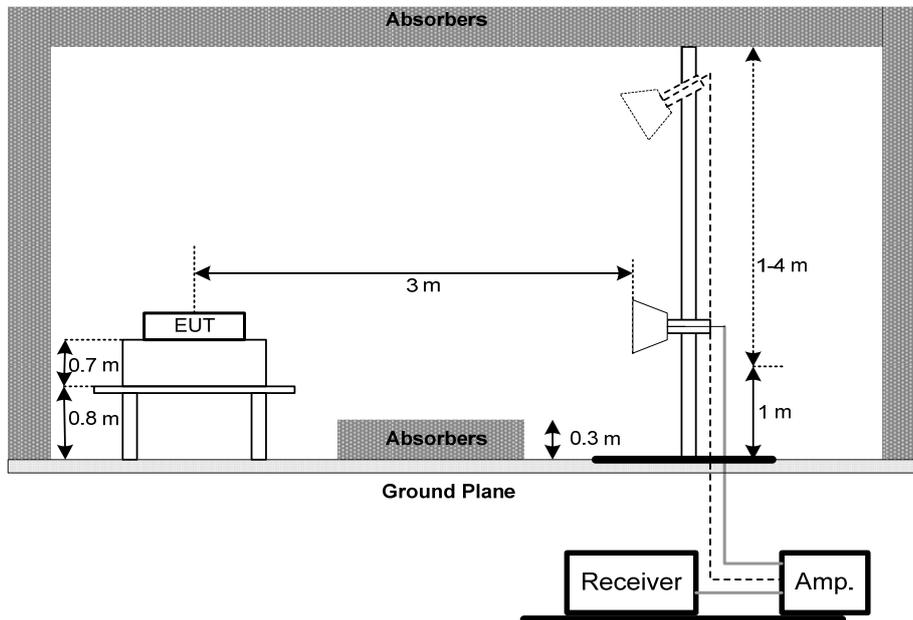
No deviation

**4.2.4 TEST SETUP**

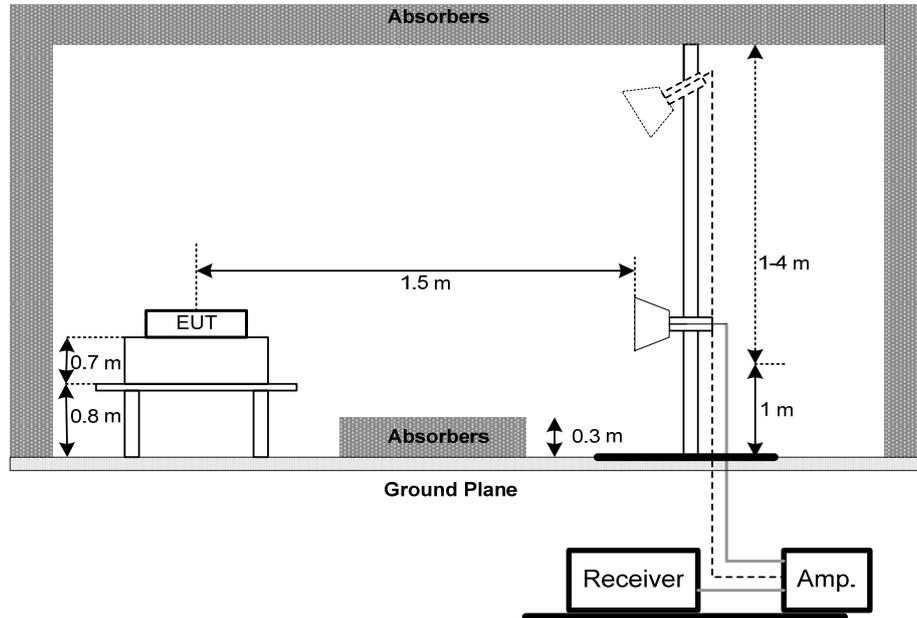
(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



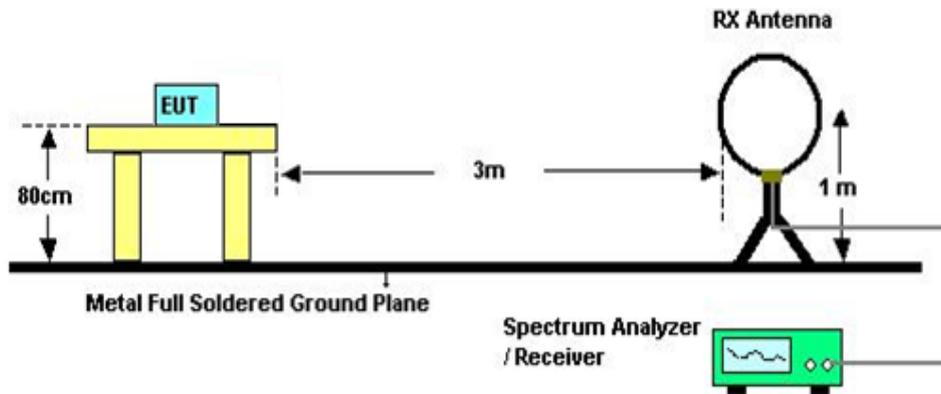
(B) Radiated Emission Test Set-Up Frequency Above 1 GHz  
Band edge



Harmonic



(C) For Radiated Emissions Below 30MHz



**4.2.5 EUT TEST CONDITIONS**

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

**4.2.6 TEST RESULTS (9KHZ TO 30MHZ)**

Please refer to the Attachment B.

Remark:

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

#### **4.2.7 TEST RESULTS (BETWEEN 30MHZ TO 1000 MHZ)**

Please refer to the Attachment C.

Remark:

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

#### **4.2.8 TEST RESULTS (ABOVE 1000 MHZ)**

Please refer to the Attachment D.

Remark:

- (1) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission
- (2) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (3) EUT Orthogonal Axis:  
"X" - denotes Laid on Table ; "Y" - denotes Vertical Stand ; "Z" - denotes Side Stand
- (4) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna
- (5) No limit: This is fundamental signal, the judgment is not applicable.  
For fundamental signal judgment was referred to Peak output test.

## 5. BANDWIDTH TEST

### 5.1 APPLIED PROCEDURES / LIMIT

| FCC Part15 (15.247) , Subpart C |           |   |                       |        |
|---------------------------------|-----------|---|-----------------------|--------|
| Section                         | Test Item | Limit                                   | Frequency Range (MHz) | Result |
| 15.247(a)(2)                    | Bandwidth | $\geq 500\text{KHz}$<br>(6dB bandwidth) | 2425~2475 MHz         | PASS   |

#### 5.1.1 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- b. Spectrum Setting : RBW= 100KHz, VBW=300KHz, Sweep time = 2.5 ms.

#### 5.1.2 DEVIATION FROM STANDARD

No deviation.

#### 5.1.3 TEST SETUP



#### 5.1.4 EUT OPERATION CONDITIONS

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

#### 5.1.5 EUT TEST CONDITIONS

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

#### 5.1.6 TEST RESULTS

Please refer to the Attachment E.

## 6. MAXIMUM OUTPUT POWER TEST

### 6.1 APPLIED PROCEDURES / LIMIT

| FCC Part15 (15.247) , Subpart C |                      |                 |                       |        |
|---------------------------------|----------------------|-----------------|-----------------------|--------|
| Section                         | Test Item            | Limit           | Frequency Range (MHz) | Result |
| 15.247(b)(3)                    | Maximum Output Power | 1 watt or 30dBm | 2425~2475 MHz         | PASS   |

#### 6.1.1 TEST PROCEDURE

- a. The EUT was directly connected to the power meter and antenna output port as show in the block diagram below,
- b. The maximum peak conducted output power was performed in accordance with method 9.1.2 of FCC KDB 558074 D01 DTS Meas Guidance v03r05.

#### 6.1.2 DEVIATION FROM STANDARD

No deviation.

#### 6.1.3 TEST SETUP



#### 6.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing. Transmit output power was measured while the host equipment supply voltage was varied from 85 % to 115 % of the nominal rated supply voltage. No change in transmit output power was observed.

#### 6.1.5 EUT TEST CONDITIONS

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

#### 6.1.6 TEST RESULTS

Please refer to the Attachment F.

## 7. ANTENNA CONDUCTED SPURIOUS EMISSION

### 7.1 APPLIED PROCEDURES / LIMIT

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted measurement, provided the transmitter demonstrates compliance with the peak conducted power limits.

#### 7.1.1 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- b. Spectrum Setting : RBW= 100KHz, VBW=300KHz, Sweep time = 10 ms.
- c. Offset=antenna gain + cable loss

#### 7.1.2 DEVIATION FROM STANDARD

No deviation.

#### 7.1.3 TEST SETUP



#### 7.1.4 EUT OPERATION CONDITIONS

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

#### 7.1.5 EUT OPERATION CONDITIONS

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

#### 7.1.6 TEST RESULTS

Please refer to the Attachment G.

## 8. POWER SPECTRAL DENSITY TEST

### 8.1 APPLIED PROCEDURES / LIMIT

| FCC Part15 (15.247) , Subpart C |                        |                        |                       |        |
|---------------------------------|------------------------|------------------------|-----------------------|--------|
| Section                         | Test Item              | Limit                  | Frequency Range (MHz) | Result |
| 15.247(e)                       | Power Spectral Density | 8 dBm<br>(in any 3KHz) | 2425~2475 MHz         | PASS   |

#### 8.1.1 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- b. Spectrum Setting: RBW=3KHz, VBW=10 KHz, Sweep time = auto.

#### 8.1.2 DEVIATION FROM STANDARD

No deviation.

#### 8.1.3 TEST SETUP



#### 8.1.4 EUT OPERATION CONDITIONS

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

#### 8.1.5 EUT TEST CONDITIONS

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

#### 8.1.6 TEST RESULTS

Please refer to the Attachment H.

## 9. MEASUREMENT INSTRUMENTS LIST

| Radiated Emission Measurement |                                      |                |                                   |               |                  |
|-------------------------------|--------------------------------------|----------------|-----------------------------------|---------------|------------------|
| Item                          | Kind of Equipment                    | Manufacturer   | Type No.                          | Serial No.    | Calibrated until |
| 1                             | Antenna                              | Schwarbeck     | VULB9160                          | 9160-3232     | Mar. 27, 2017    |
| 2                             | Amplifier                            | HP             | 8447D                             | 2944A09673    | Nov. 09, 2016    |
| 3                             | Receiver                             | AGILENT        | N9038A                            | MY52130039    | Oct. 11, 2016    |
| 4                             | Test Cable                           | emci           | LMR-400(30MHz-1GHz)               | C-01          | Jun. 26, 2017    |
| 5                             | Controller                           | CT             | SC100                             | N/A           | N/A              |
| 6                             | Measurement Software                 | Farad          | EZ-EMC Ver.NB-03A1-01             | N/A           | N/A              |
| 7                             | Antenna                              | ETS            | 3115                              | 00075789      | Mar. 27, 2017    |
| 8                             | Amplifier                            | Agilent        | 8449B                             | 3008A02274    | Nov. 01, 2016    |
| 9                             | Receiver                             | AGILENT        | N9038A                            | MY52130039    | Oct. 11, 2016    |
| 10                            | Test Cable                           | emci           | EMC104-SM-S M-10000(1GHz-26.5GHz) | C-68          | Jun. 26, 2017    |
| 11                            | Broad-Band Horn Antenna              | Schwarzbeck    | BBHA 9170                         | 9170319       | Mar. 27, 2017    |
| 12                            | Microwave Pre-amplifier With Adaptor | EMC INSTRUMENT | EMC2654045                        | 980039 & HA01 | Mar. 27, 2017    |
| 13                            | Active Loop Antenna                  | R&S            | HFH2-Z2                           | 830749/020    | Sep. 07, 2016    |

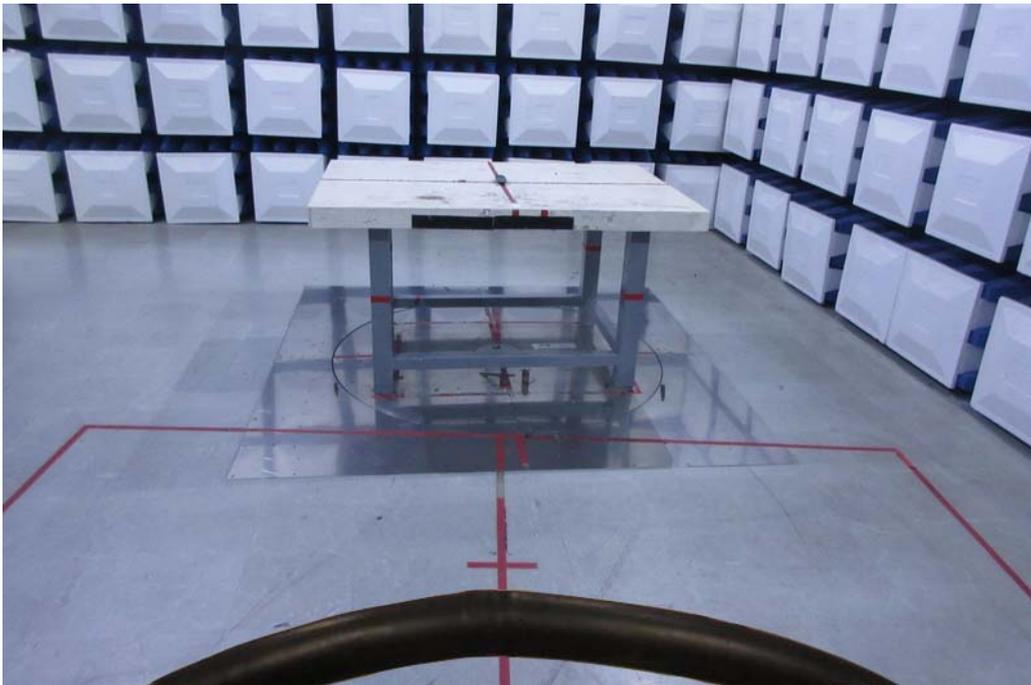
| 6dB Bandwidth Measurement |                   |              |          |            |                  |
|---------------------------|-------------------|--------------|----------|------------|------------------|
| Item                      | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until |
| 1                         | Spectrum Analyzer | R&S          | FSP 40   | 100185     | Oct. 11, 2016    |

| Peak Output Power Measurement |                    |              |          |            |                  |
|-------------------------------|--------------------|--------------|----------|------------|------------------|
| Item                          | Kind of Equipment  | Manufacturer | Type No. | Serial No. | Calibrated until |
| 1                             | power Meter        | ANRITSU      | ML2495A  | 1128009    | Mar. 27, 2017    |
| 2                             | Pulse Power Sensor | ANRITSU      | MA 2411B | 1027500    | Mar. 27, 2017    |

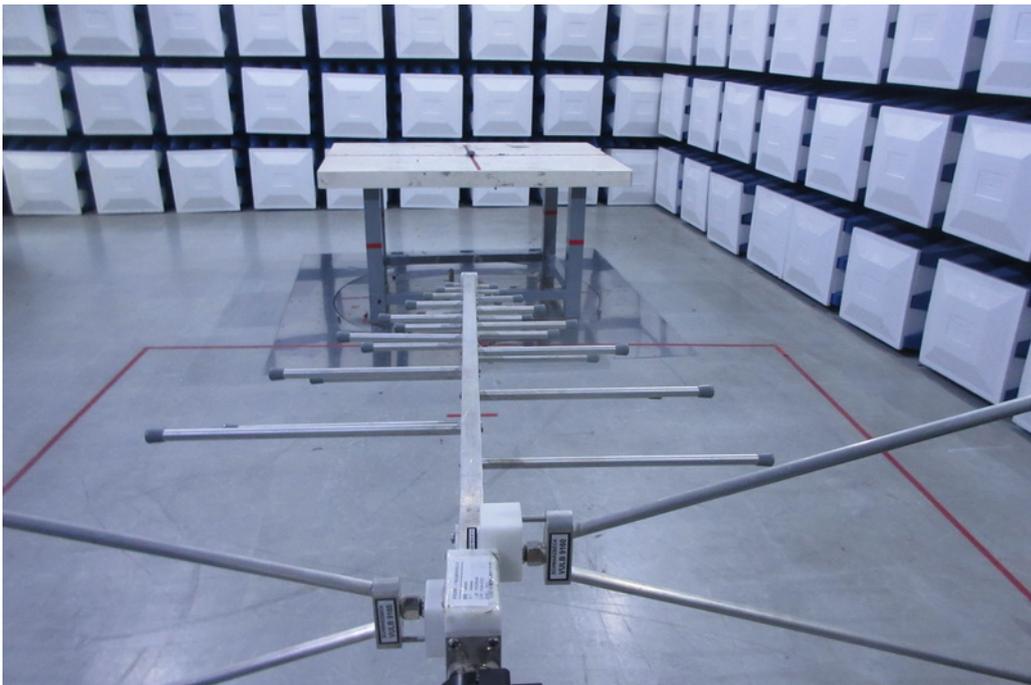
| Antenna Conducted Spurious Emission Measurement |                   |              |          |            |                  |
|---|-------------------|--------------|----------|------------|------------------|
| Item  | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until |
| 1   | Spectrum Analyzer | R&S          | FSP 40   | 100185     | Oct. 11, 2016    |

| Power Spectral Density Measurement |                   |              |          |            |                  |
|------------------------------------|-------------------|--------------|----------|------------|------------------|
| Item                               | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until |
| 1                                  | Spectrum Analyzer | R&S          | FSP 40   | 100185     | Oct. 11, 2016    |

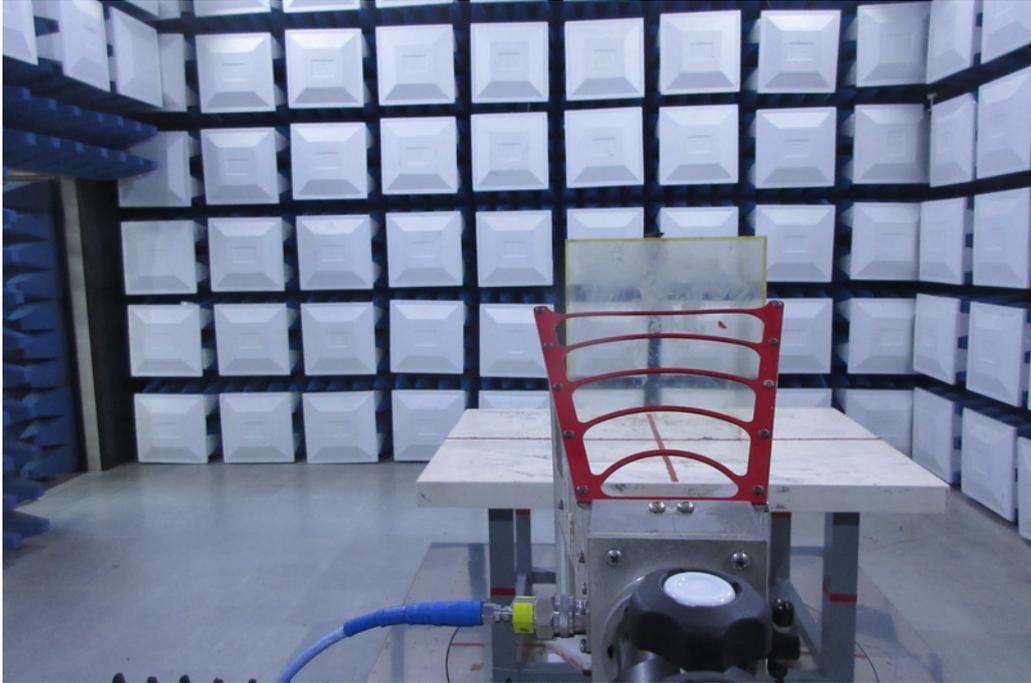
Remark: "N/A" denotes no model name, serial no. or calibration specified.  
 All calibration period of equipment list is one year.

**10. EUT TEST PHOTO****9KHz to 30MHz Radiated Measurement Photos**

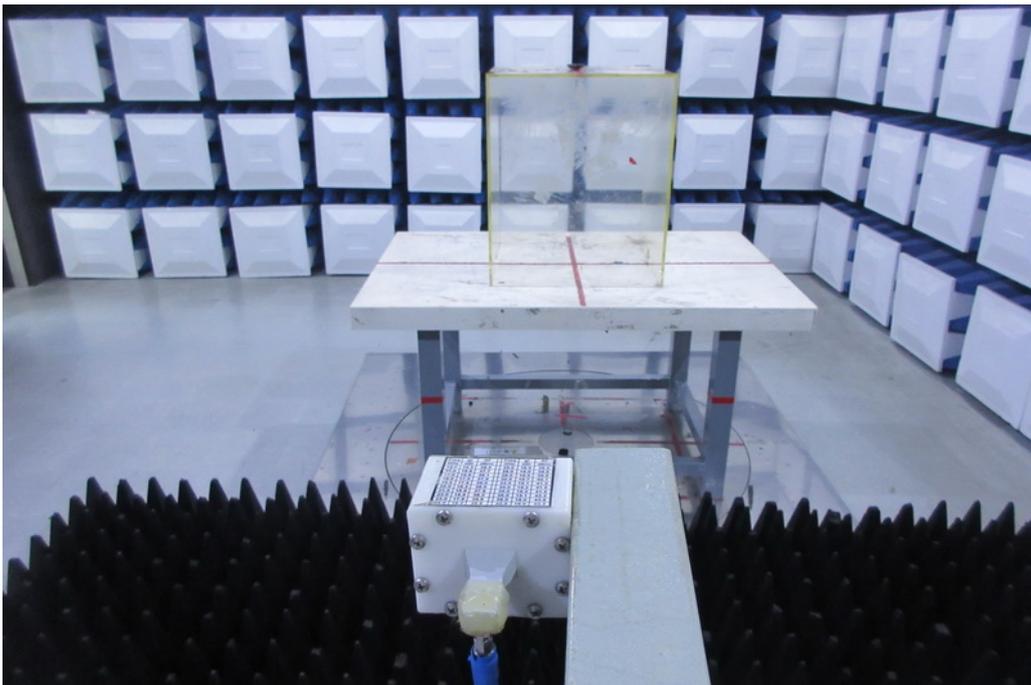
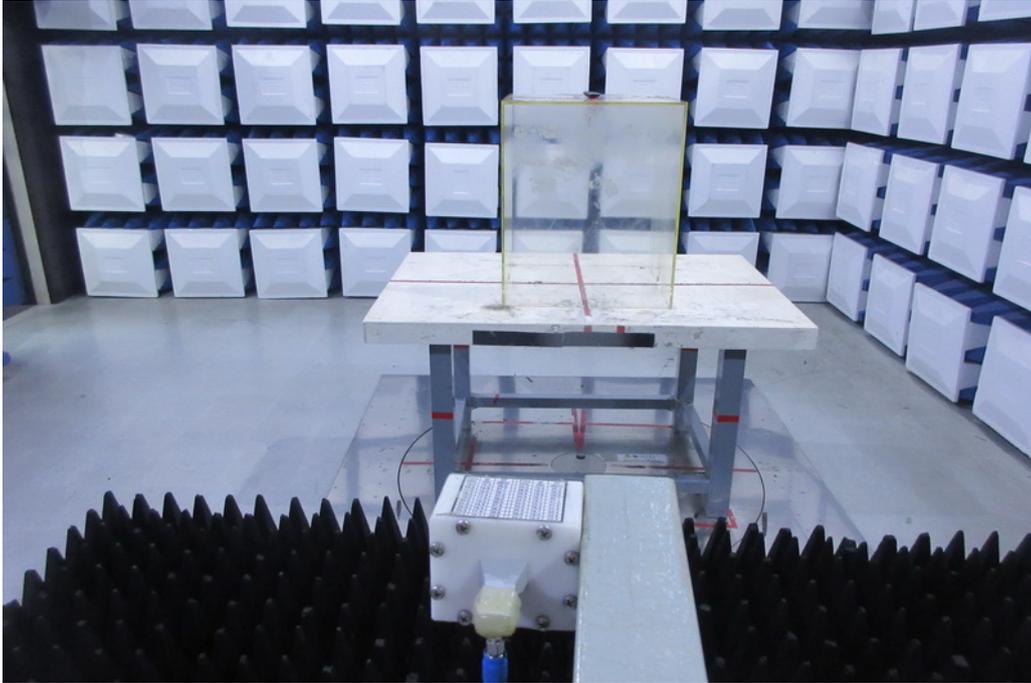
**30MHz to 1000MHz Radiated Measurement Photos**



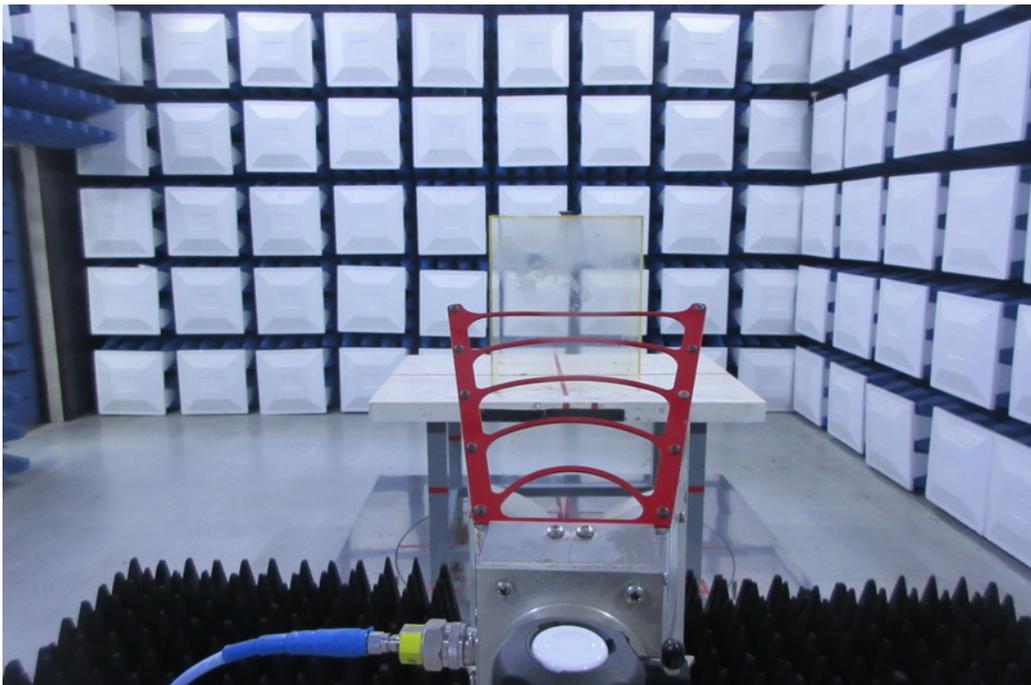
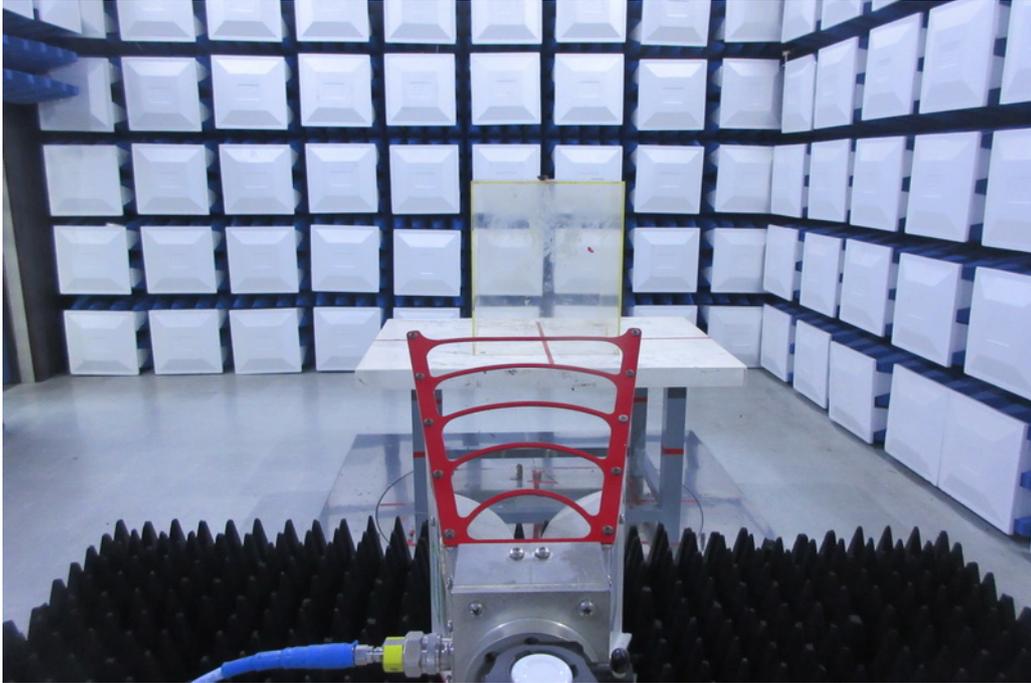
**1GHz to 18GHz Radiated Measurement Photos**



**18GHz to 26.5GHz Radiated Measurement Photos**



**Band Edge Measurement Photos**



## ATTACHMENT A - CONDUCTED EMISSION

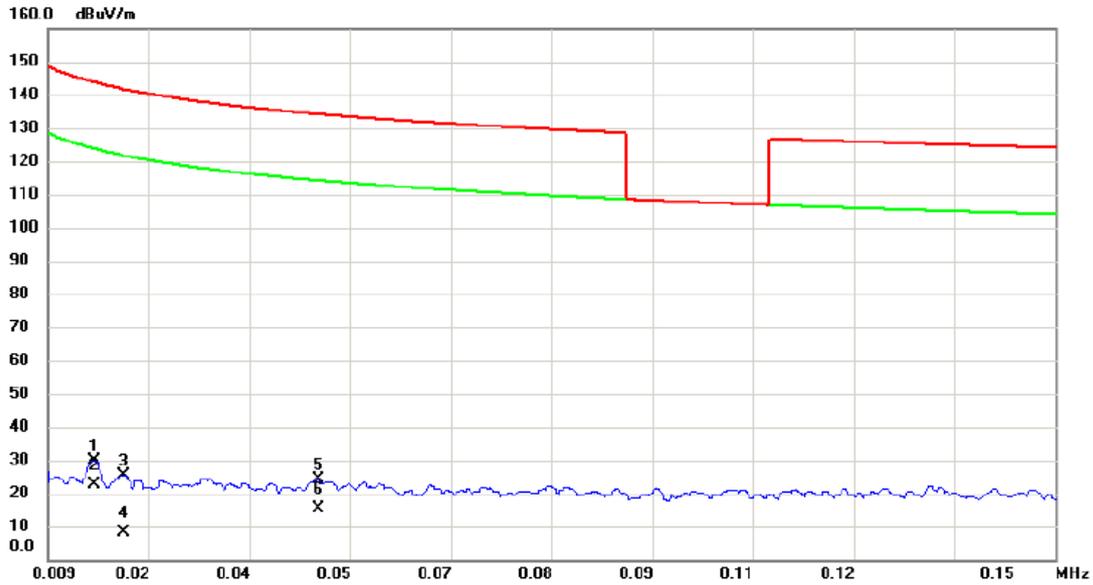
**Test Mode: N/A**

Note: "N/A" denotes test is not applicable to this device.

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

Test Mode: TX Mode

Ant 0°



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|--------------|----------|---------|
| 1   |     | 0.0155       | 8.46                     | 21.40                   | 29.86                      | 143.80          | -113.94      | peak     |         |
| 2   |     | 0.0155       | 1.20                     | 21.40                   | 22.60                      | 123.80          | -101.20      | AVG      |         |
| 3   |     | 0.0196       | 4.23                     | 21.33                   | 25.56                      | 141.76          | -116.20      | peak     |         |
| 4   |     | 0.0196       | -13.10                   | 21.33                   | 8.23                       | 121.76          | -113.53      | AVG      |         |
| 5   |     | 0.0468       | 2.59                     | 21.59                   | 24.18                      | 134.20          | -110.02      | peak     |         |
| 6   | *   | 0.0468       | -6.20                    | 21.59                   | 15.39                      | 114.20          | -98.81       | AVG      |         |

Test Mode: TX Mode

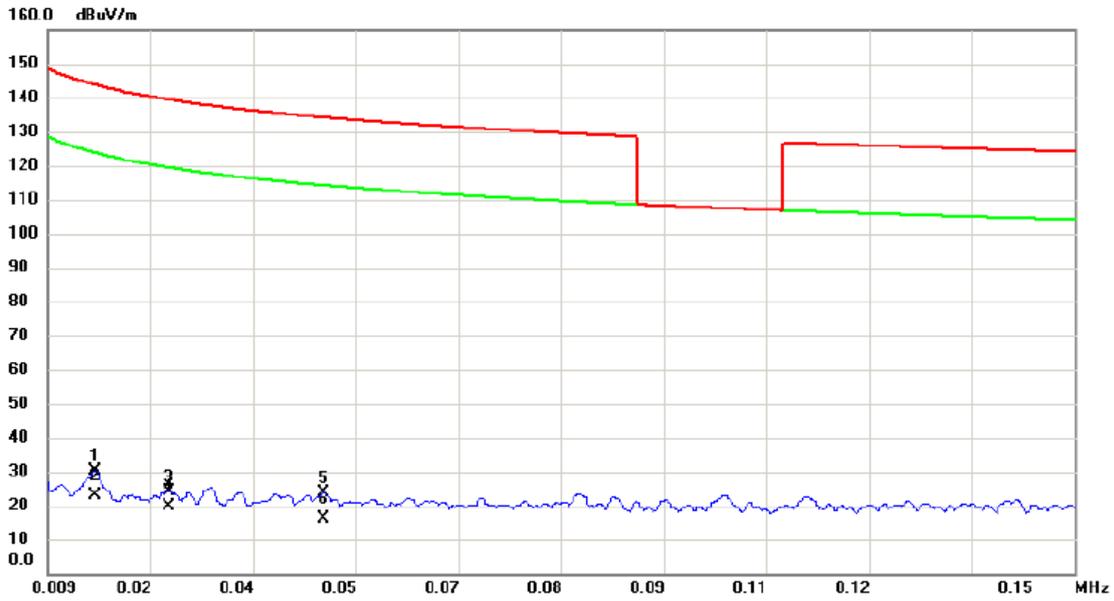
Ant 0°



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|--------------|----------|---------|
| 1   |     | 0.4485       | 25.55                    | 20.98                   | 46.53                      | 114.57          | -68.04       | peak     |         |
| 2   |     | 0.4485       | 9.80                     | 20.98                   | 30.78                      | 94.57           | -63.79       | AVG      |         |
| 3   | *   | 2.1798       | 35.70                    | 21.70                   | 57.40                      | 69.54           | -12.14       | QP       |         |
| 4   |     | 3.2244       | 28.50                    | 21.93                   | 50.43                      | 69.54           | -19.11       | QP       |         |

Test Mode: TX Mode

Ant 90°



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|--------------|----------|---------|
| 1   |     | 0.0154       | 8.72                     | 21.40                   | 30.12                      | 143.85          | -113.73      | peak     |         |
| 2   |     | 0.0154       | 1.70                     | 21.40                   | 23.10                      | 123.85          | -100.75      | AVG      |         |
| 3   |     | 0.0256       | 2.86                     | 21.38                   | 24.24                      | 139.44          | -115.20      | peak     |         |
| 4   |     | 0.0256       | -1.40                    | 21.38                   | 19.98                      | 119.44          | -99.46       | AVG      |         |
| 5   |     | 0.0468       | 2.36                     | 21.59                   | 23.95                      | 134.20          | -110.25      | peak     |         |
| 6   | *   | 0.0468       | -5.50                    | 21.59                   | 16.09                      | 114.20          | -98.11       | AVG      |         |

Test Mode: TX Mode

Ant 90°

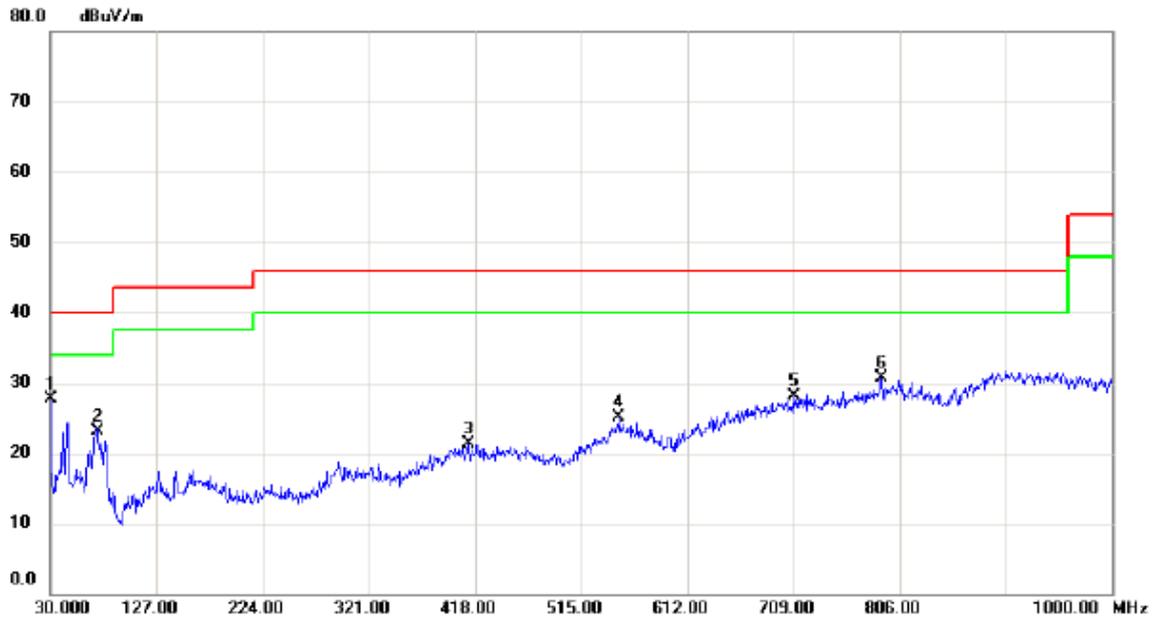


| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|--------------|----------|---------|
| 1   |     | 0.4485       | 29.12                    | 20.98                   | 50.10                      | 114.57          | -64.47       | peak     |         |
| 2   |     | 0.4485       | 14.30                    | 20.98                   | 35.28                      | 94.57           | -59.29       | AVG      |         |
| 3   | *   | 1.6724       | 35.40                    | 21.60                   | 57.00                      | 63.14           | -6.14        | QP       |         |
| 4   |     | 2.1798       | 41.70                    | 21.70                   | 63.40                      | 69.54           | -6.14        | QP       |         |

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

Test Mode: TX 2425MHz

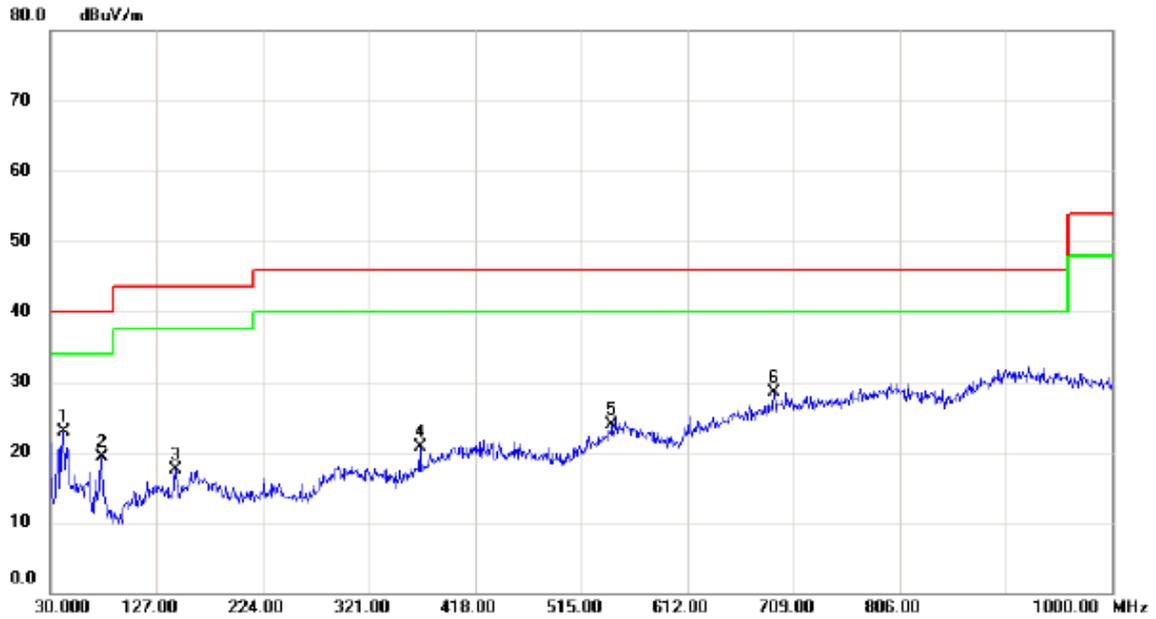
Vertical



| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Margin | Detector | Comment |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     |          |         |
| 1   | *   | 30.0000  | 41.75         | -14.03         | 27.72       | 40.00  | -12.28 | peak     |         |
| 2   |     | 72.6800  | 39.74         | -16.55         | 23.19       | 40.00  | -16.81 | peak     |         |
| 3   |     | 412.1800 | 29.12         | -7.84          | 21.28       | 46.00  | -24.72 | peak     |         |
| 4   |     | 549.9200 | 29.62         | -4.55          | 25.07       | 46.00  | -20.93 | peak     |         |
| 5   |     | 709.9700 | 30.23         | -2.08          | 28.15       | 46.00  | -17.85 | peak     |         |
| 6   |     | 789.5100 | 30.97         | -0.20          | 30.77       | 46.00  | -15.23 | peak     |         |

Test Mode: TX 2425MHz

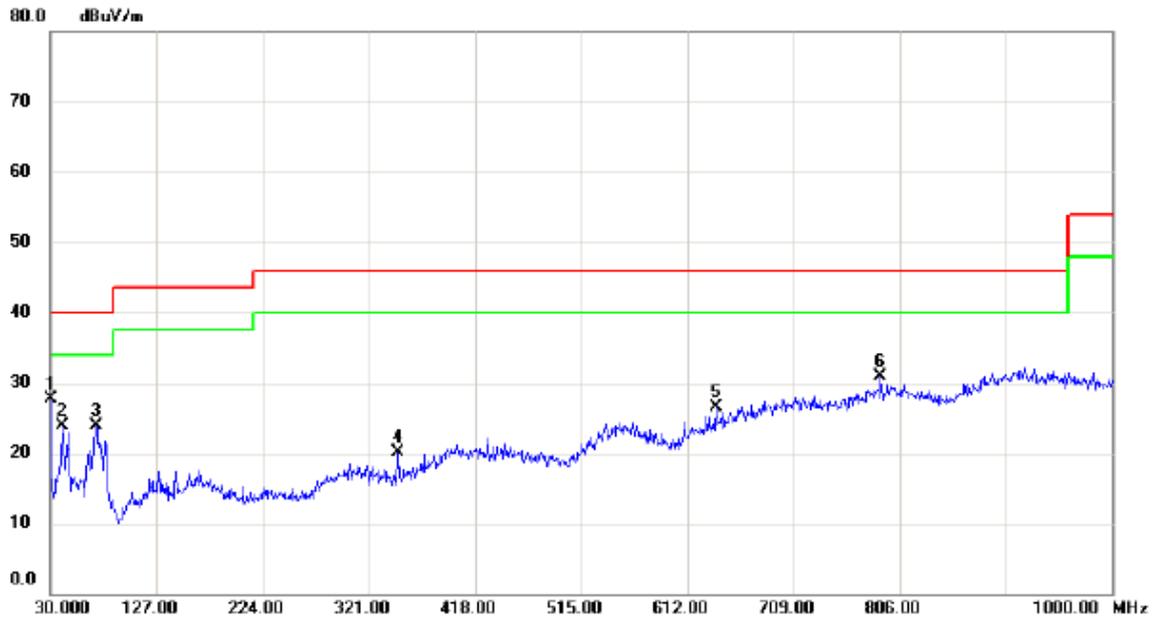
**Horizontal**



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|--------------|----------|---------|
| 1   | *   | 41.6400      | 36.43                    | -13.56                  | 22.87                      | 40.00           | -17.13       | peak     |         |
| 2   |     | 76.5600      | 35.67                    | -16.41                  | 19.26                      | 40.00           | -20.74       | peak     |         |
| 3   |     | 144.4600     | 30.98                    | -13.39                  | 17.59                      | 43.50           | -25.91       | peak     |         |
| 4   |     | 367.5600     | 30.64                    | -10.01                  | 20.63                      | 46.00           | -25.37       | peak     |         |
| 5   |     | 543.1300     | 29.18                    | -5.25                   | 23.93                      | 46.00           | -22.07       | peak     |         |
| 6   |     | 691.5400     | 30.99                    | -2.45                   | 28.54                      | 46.00           | -17.46       | peak     |         |

Test Mode: TX 2475MHz

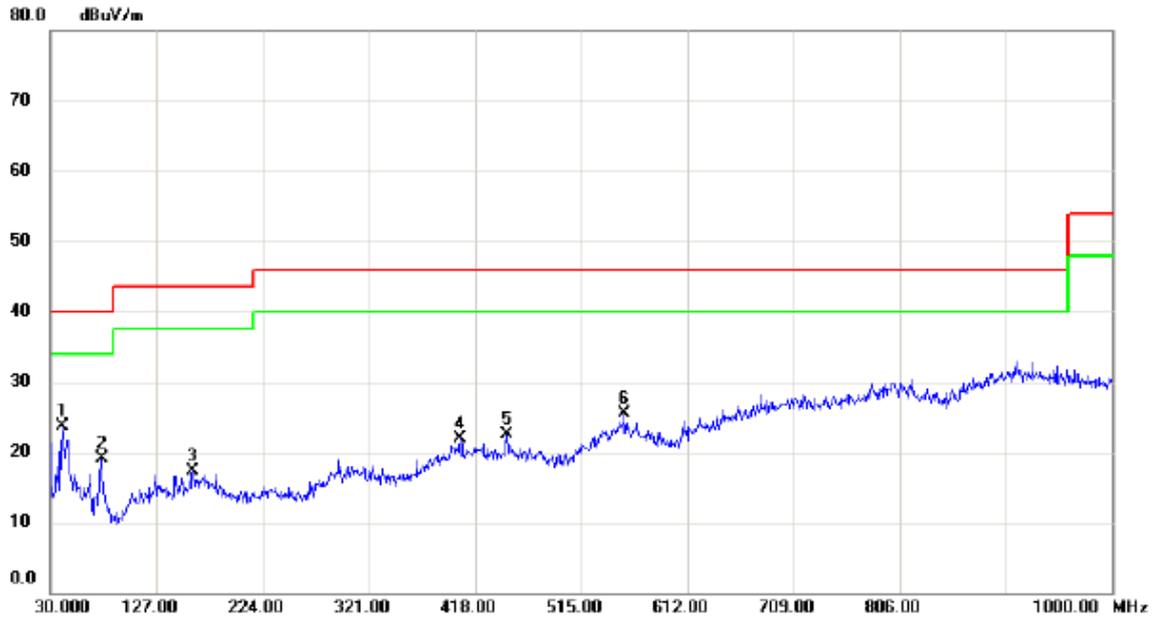
**Vertical**



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|--------------|----------|---------|
| 1   | *   | 30.0000      | 41.72                    | -14.03                  | 27.69                      | 40.00           | -12.31       | peak     |         |
| 2   |     | 40.6700      | 37.58                    | -13.77                  | 23.81                      | 40.00           | -16.19       | peak     |         |
| 3   |     | 71.7100      | 40.47                    | -16.54                  | 23.93                      | 40.00           | -16.07       | peak     |         |
| 4   |     | 347.1900     | 31.27                    | -11.15                  | 20.12                      | 46.00           | -25.88       | peak     |         |
| 5   |     | 638.1900     | 31.44                    | -4.85                   | 26.59                      | 46.00           | -19.41       | peak     |         |
| 6   |     | 788.5400     | 31.23                    | -0.26                   | 30.97                      | 46.00           | -15.03       | peak     |         |

Test Mode: TX 2475MHz

**Horizontal**

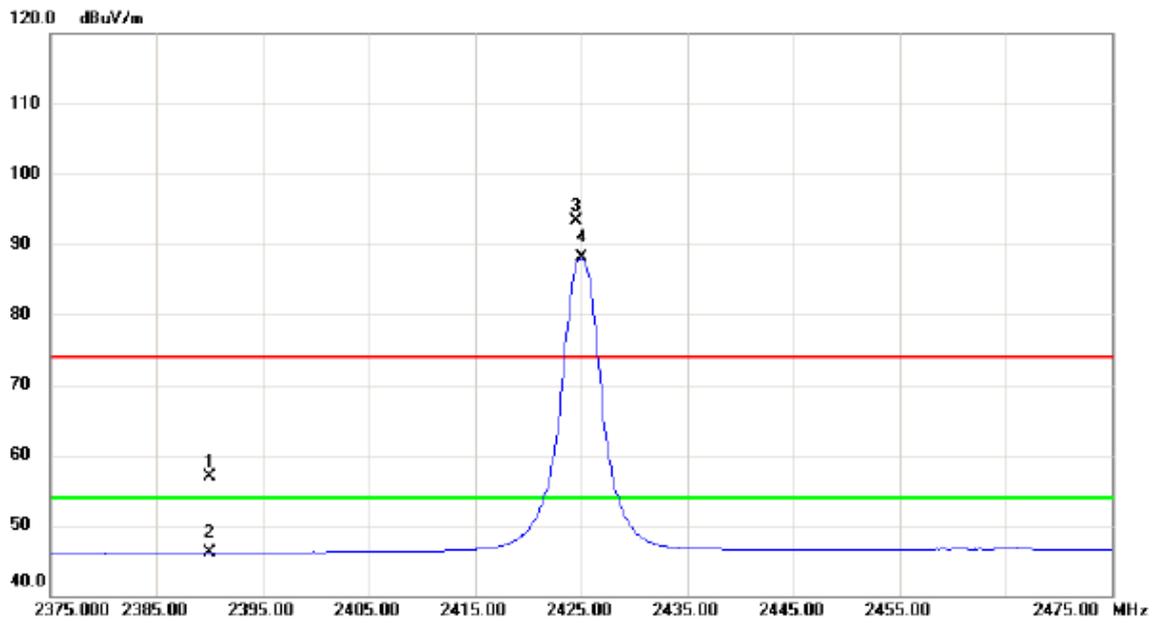


| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|--------------|----------|---------|
| 1   | *   | 40.6700      | 37.38                    | -13.77                  | 23.61                      | 40.00           | -16.39       | peak     |         |
| 2   |     | 76.5600      | 35.58                    | -16.41                  | 19.17                      | 40.00           | -20.83       | peak     |         |
| 3   |     | 159.9800     | 29.52                    | -12.15                  | 17.37                      | 43.50           | -26.13       | peak     |         |
| 4   |     | 404.4200     | 29.69                    | -7.80                   | 21.89                      | 46.00           | -24.11       | peak     |         |
| 5   |     | 447.1000     | 30.40                    | -7.99                   | 22.41                      | 46.00           | -23.59       | peak     |         |
| 6   |     | 554.7700     | 30.20                    | -4.79                   | 25.41                      | 46.00           | -20.59       | peak     |         |

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

|                   |            |
|-------------------|------------|
| Orthogonal Axis : | X          |
| Test Mode :       | TX 2425MHz |

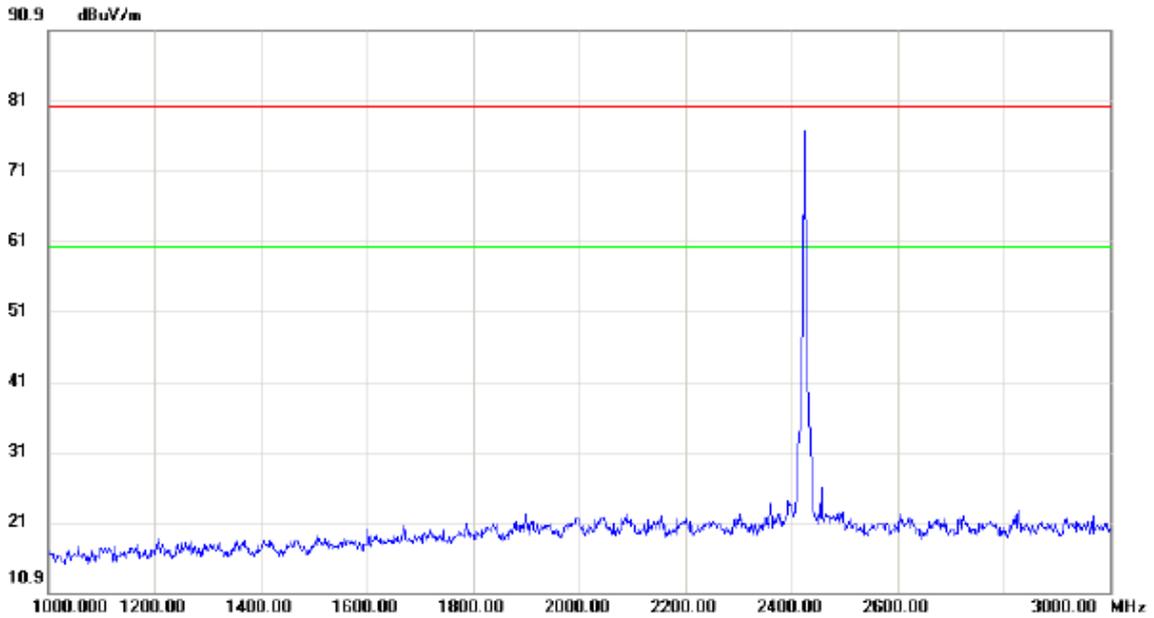
### Vertical



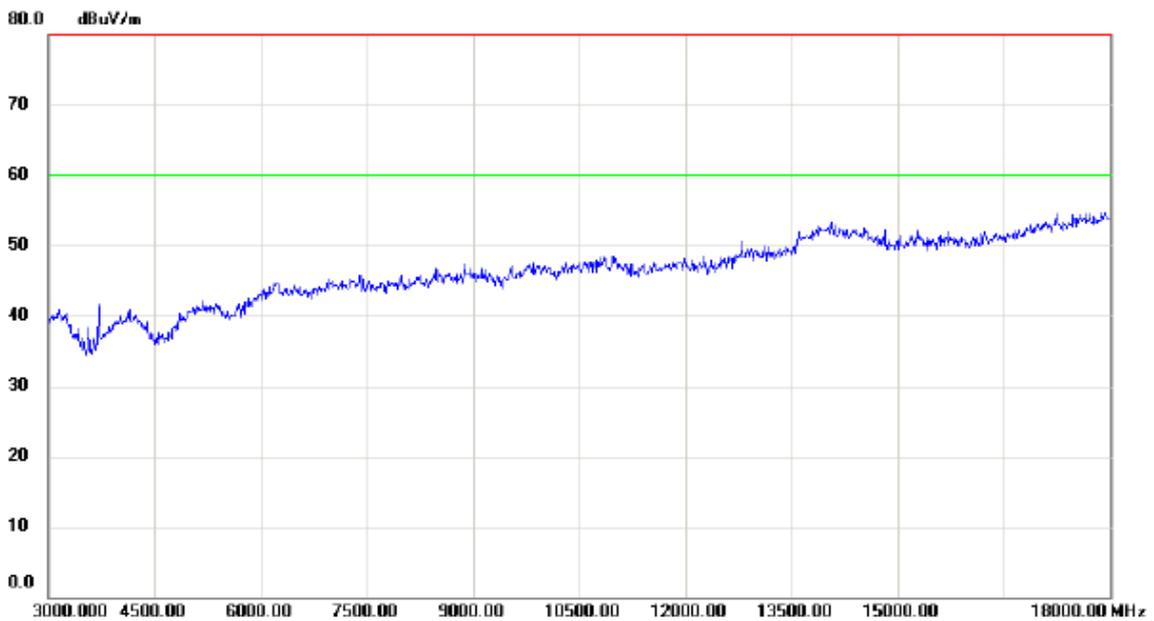
| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Margin | Detector | Comment  |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|----------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     |          |          |
| 1   |     | 2390.000 | 23.89         | 33.01          | 56.90       | 74.00  | -17.10 | peak     |          |
| 2   |     | 2390.000 | 13.09         | 33.01          | 46.10       | 54.00  | -7.90  | AVG      |          |
| 3   | X   | 2424.500 | 60.08         | 33.16          | 93.24       | 74.00  | 19.24  | peak     | No Limit |
| 4   | *   | 2425.000 | 54.87         | 33.16          | 88.03       | 54.00  | 34.03  | AVG      | No Limit |

|                   |            |
|-------------------|------------|
| Orthogonal Axis : | X          |
| Test Mode :       | TX 2425MHz |

**Vertical**



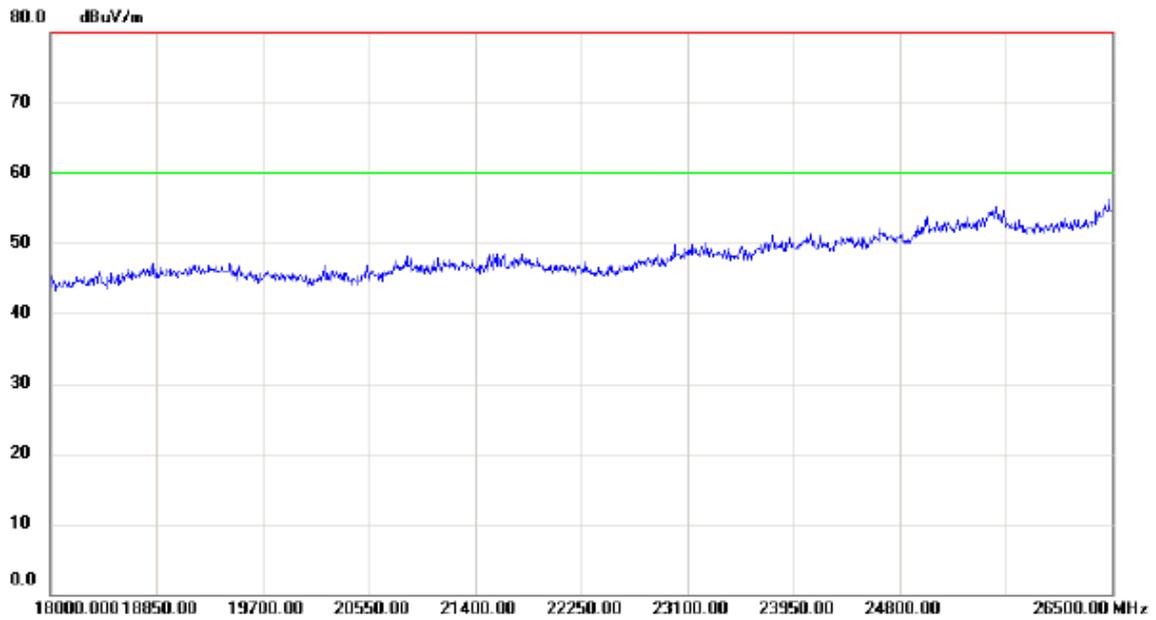
| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit  | Margin | Detector | Comment |
|-----|-----|-------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz   | dBuV          | dB             | dBuV/m      | dBuV/m | dB     |          |         |



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit  | Margin | Detector | Comment |
|-----|-----|-------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz   | dBuV          | dB             | dBuV/m      | dBuV/m | dB     |          |         |

|                   |            |
|-------------------|------------|
| Orthogonal Axis : | X          |
| Test Mode :       | TX 2425MHz |

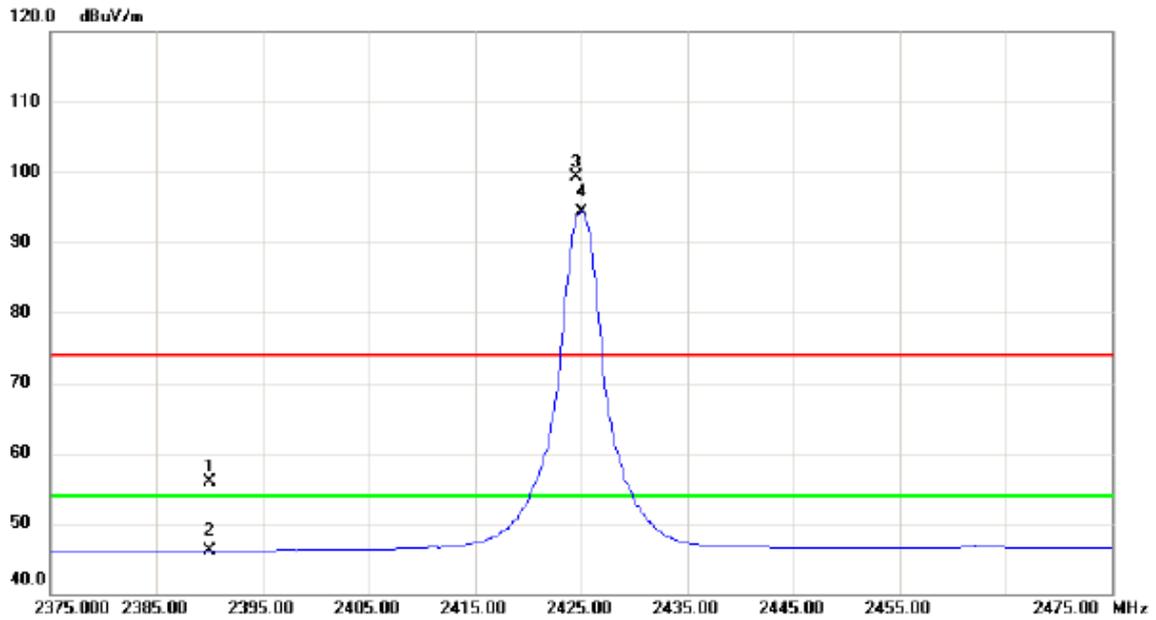
### Vertical



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit  | Margin | Detector | Comment |
|-----|-----|-------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz   | dBuV          | dB             | dBuV/m      | dBuV/m | dB     |          |         |
|     |     |       |               |                |             |        |        |          |         |

|                   |            |
|-------------------|------------|
| Orthogonal Axis : | X          |
| Test Mode :       | TX 2425MHz |

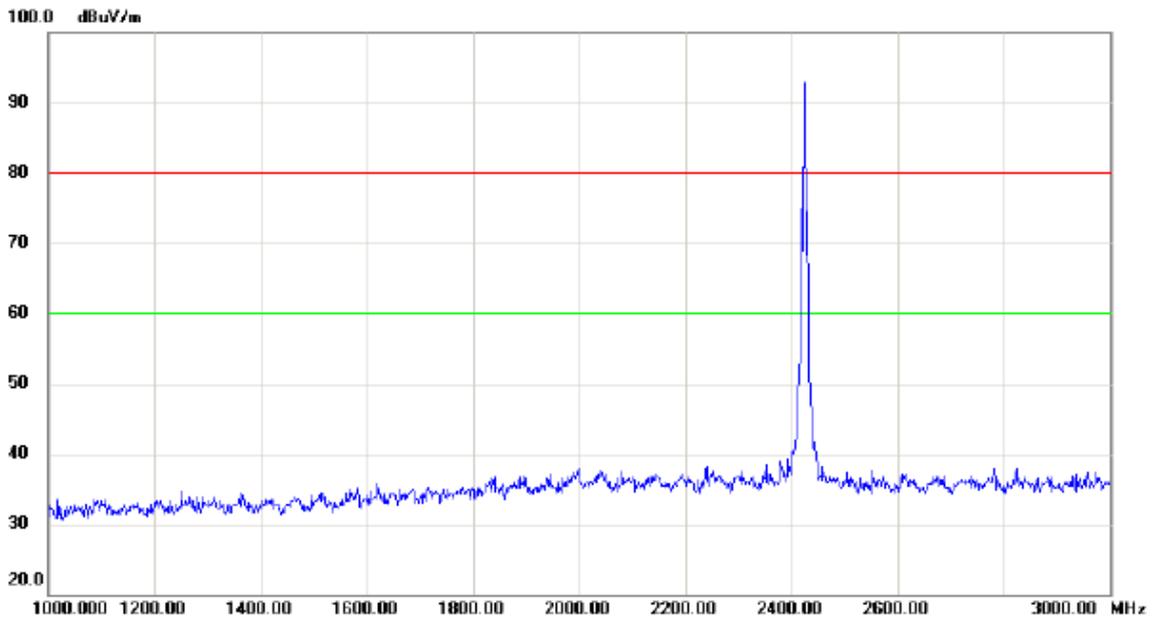
### Horizontal



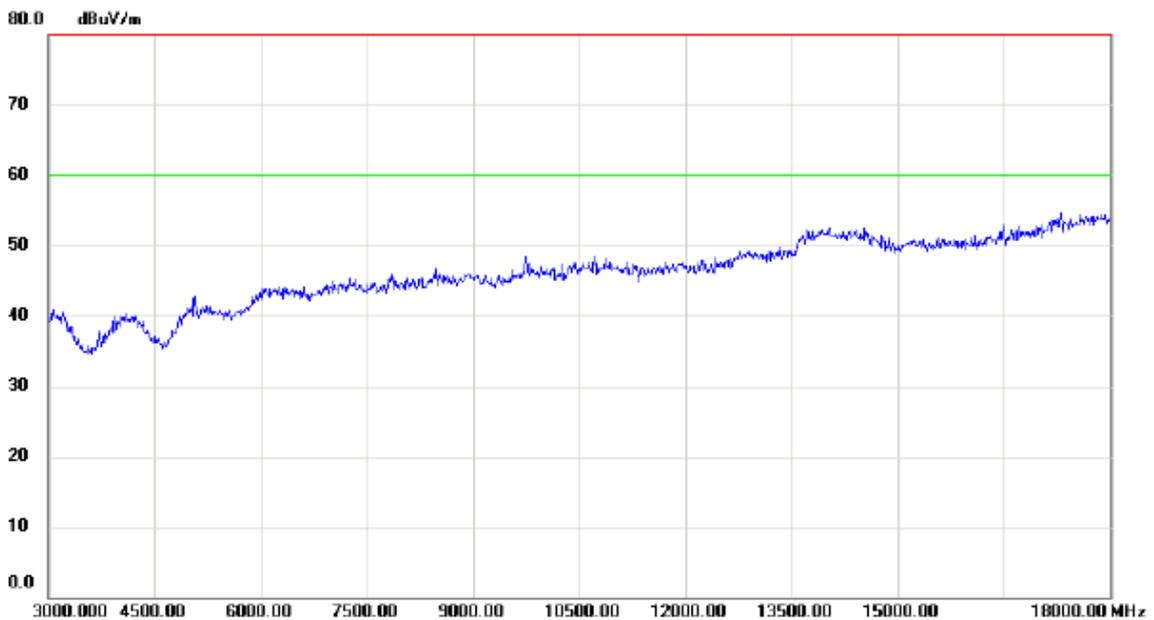
| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | Detector | Comment  |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|--------------|----------|----------|
| 1   |     | 2390.000     | 22.90                    | 33.01                   | 55.91                      | 74.00           | -18.09       | peak     |          |
| 2   |     | 2390.000     | 13.10                    | 33.01                   | 46.11                      | 54.00           | -7.89        | AVG      |          |
| 3   | X   | 2424.500     | 66.23                    | 33.16                   | 99.39                      | 74.00           | 25.39        | peak     | No Limit |
| 4   | *   | 2425.000     | 61.19                    | 33.16                   | 94.35                      | 54.00           | 40.35        | AVG      | No Limit |

|                   |            |
|-------------------|------------|
| Orthogonal Axis : | X          |
| Test Mode :       | TX 2425MHz |

**Horizontal**



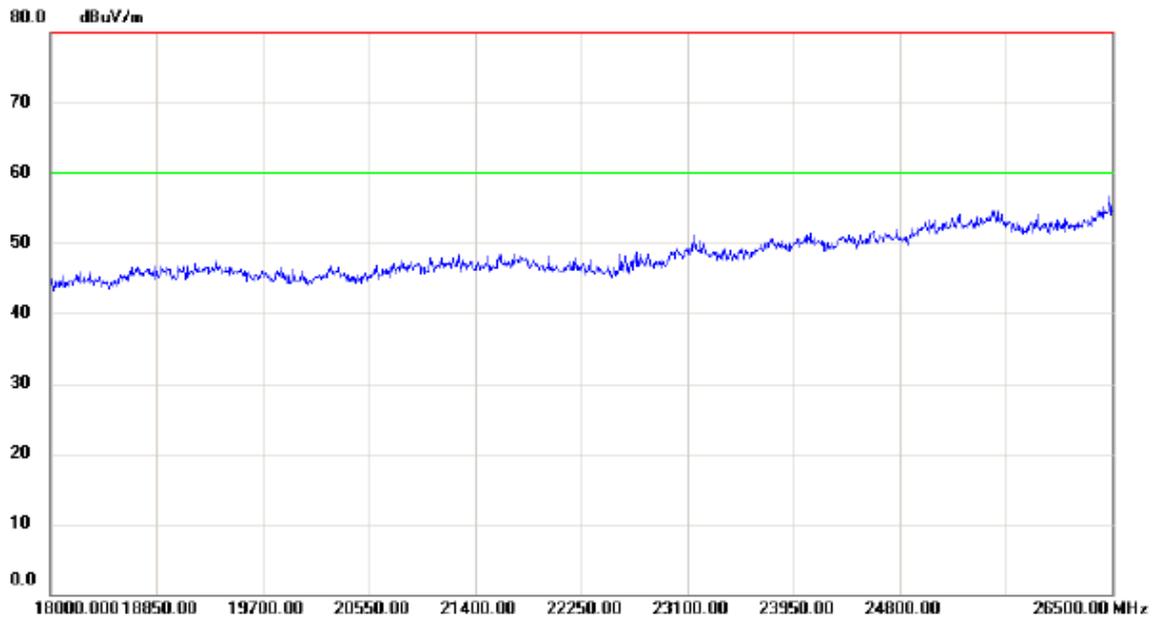
| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit  | Margin | Detector | Comment |
|-----|-----|-------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz   | dBuV          | dB             | dBuV/m      | dBuV/m | dB     |          |         |



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit  | Margin | Detector | Comment |
|-----|-----|-------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz   | dBuV          | dB             | dBuV/m      | dBuV/m | dB     |          |         |

|                   |            |
|-------------------|------------|
| Orthogonal Axis : | X          |
| Test Mode :       | TX 2425MHz |

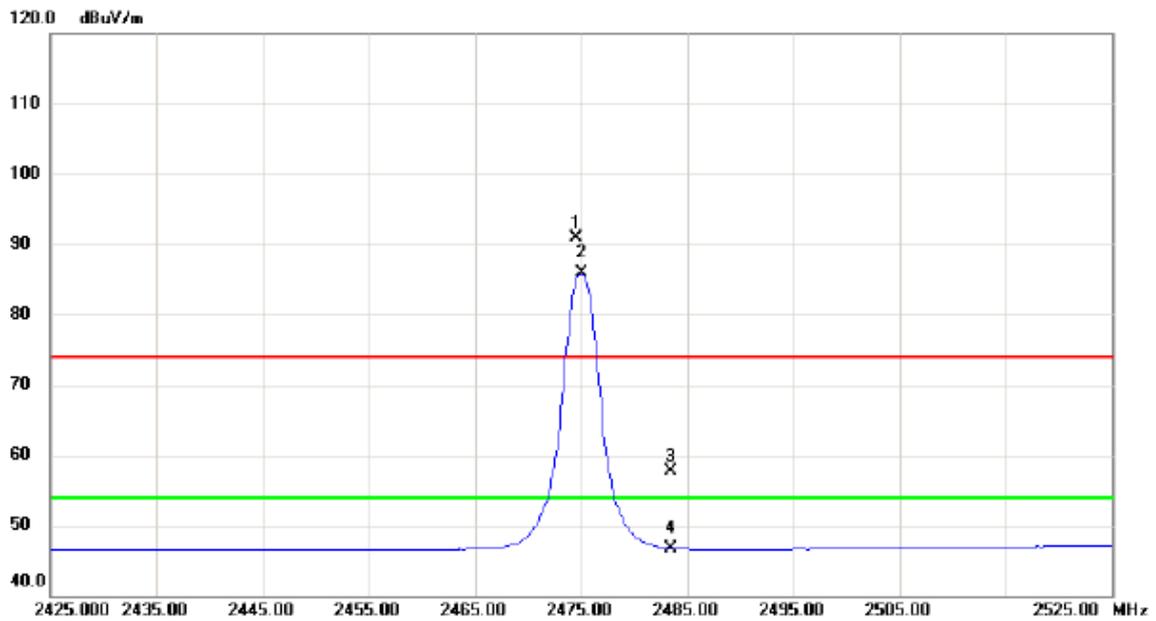
### Horizontal



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit  | Margin | Detector | Comment |
|-----|-----|-------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz   | dBuV          | dB             | dBuV/m      | dBuV/m | dB     |          |         |

|                   |            |
|-------------------|------------|
| Orthogonal Axis : | X          |
| Test Mode :       | TX 2475MHz |

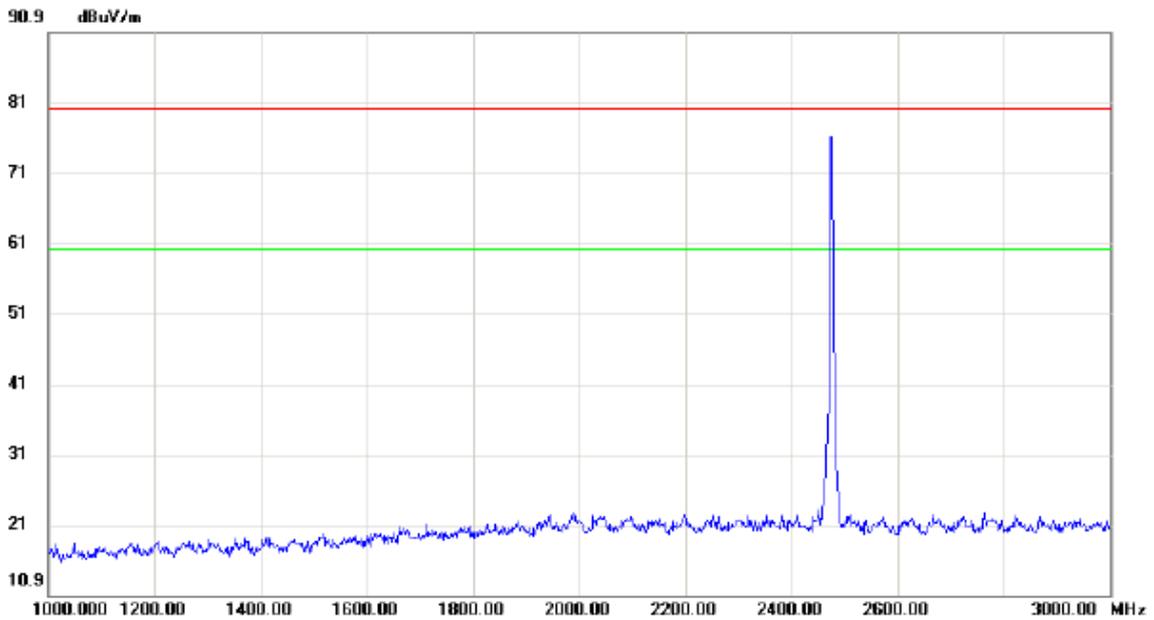
### Vertical



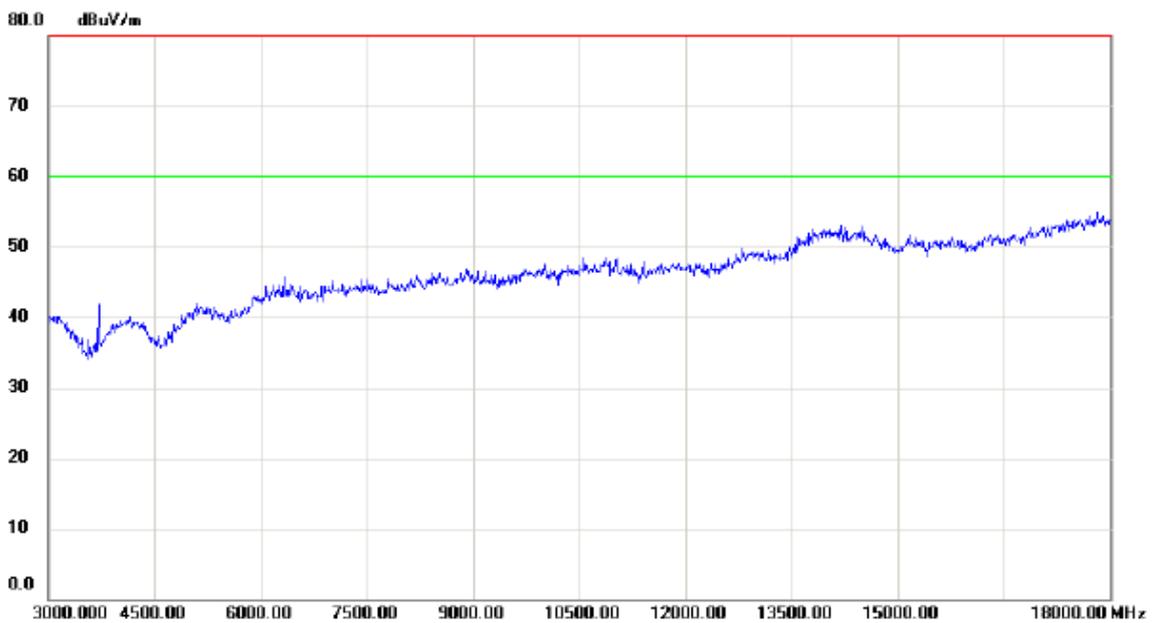
| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Margin | Detector | Comment  |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|----------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     |          |          |
| 1   | X   | 2474.500 | 57.62         | 33.37          | 90.99       | 74.00  | 16.99  | peak     | No Limit |
| 2   | *   | 2475.000 | 52.47         | 33.37          | 85.84       | 54.00  | 31.84  | AVG      | No Limit |
| 3   |     | 2483.500 | 24.40         | 33.40          | 57.80       | 74.00  | -16.20 | peak     |          |
| 4   |     | 2483.500 | 13.35         | 33.40          | 46.75       | 54.00  | -7.25  | AVG      |          |

|                   |            |
|-------------------|------------|
| Orthogonal Axis : | X          |
| Test Mode :       | TX 2475MHz |

**Vertical**



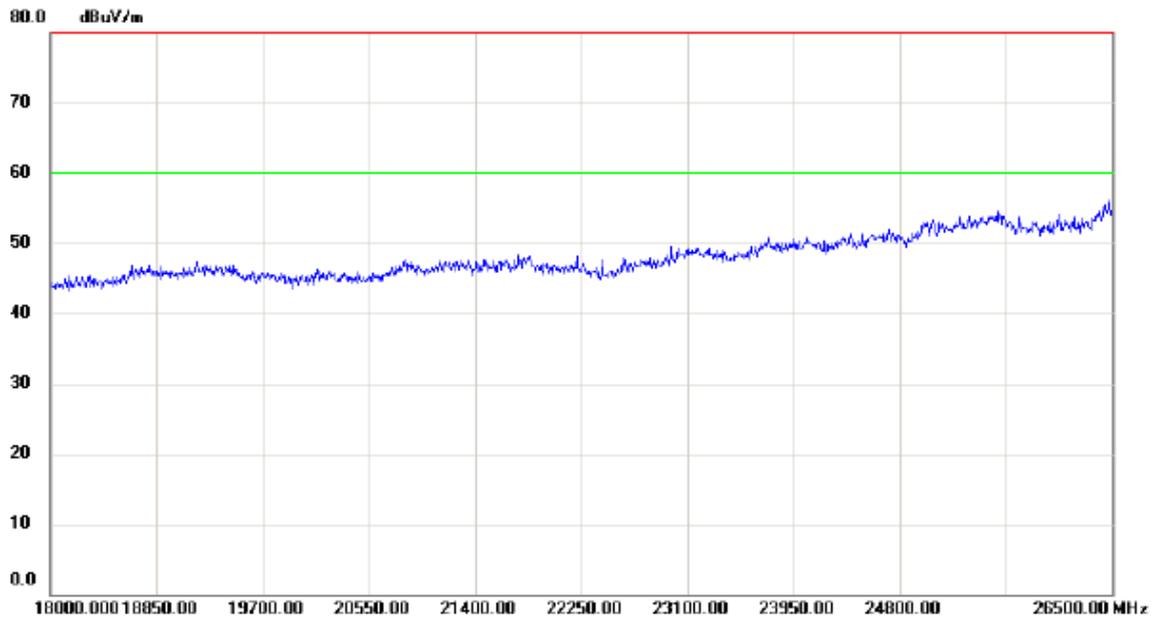
| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit  | Margin | Detector | Comment |
|-----|-----|-------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz   | dBuV          | dB             | dBuV/m      | dBuV/m | dB     |          |         |



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit  | Margin | Detector | Comment |
|-----|-----|-------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz   | dBuV          | dB             | dBuV/m      | dBuV/m | dB     |          |         |

|                   |            |
|-------------------|------------|
| Orthogonal Axis : | X          |
| Test Mode :       | TX 2475MHz |

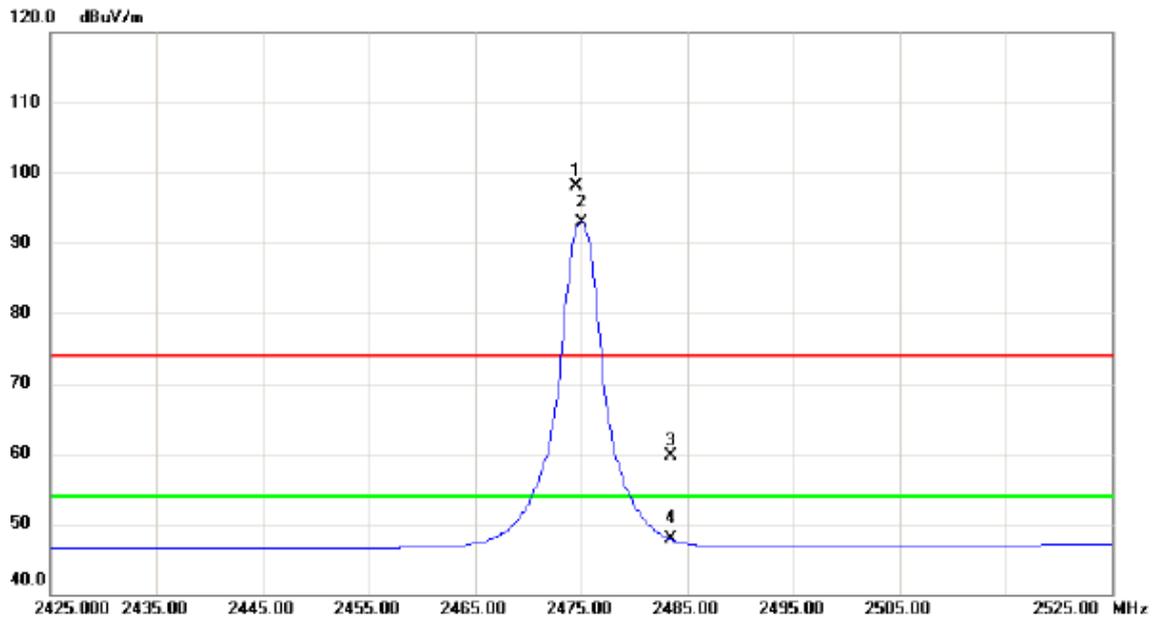
### Vertical



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit  | Margin | Detector | Comment |
|-----|-----|-------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz   | dBuV          | dB             | dBuV/m      | dBuV/m | dB     |          |         |

|                   |            |
|-------------------|------------|
| Orthogonal Axis : | X          |
| Test Mode :       | TX 2475MHz |

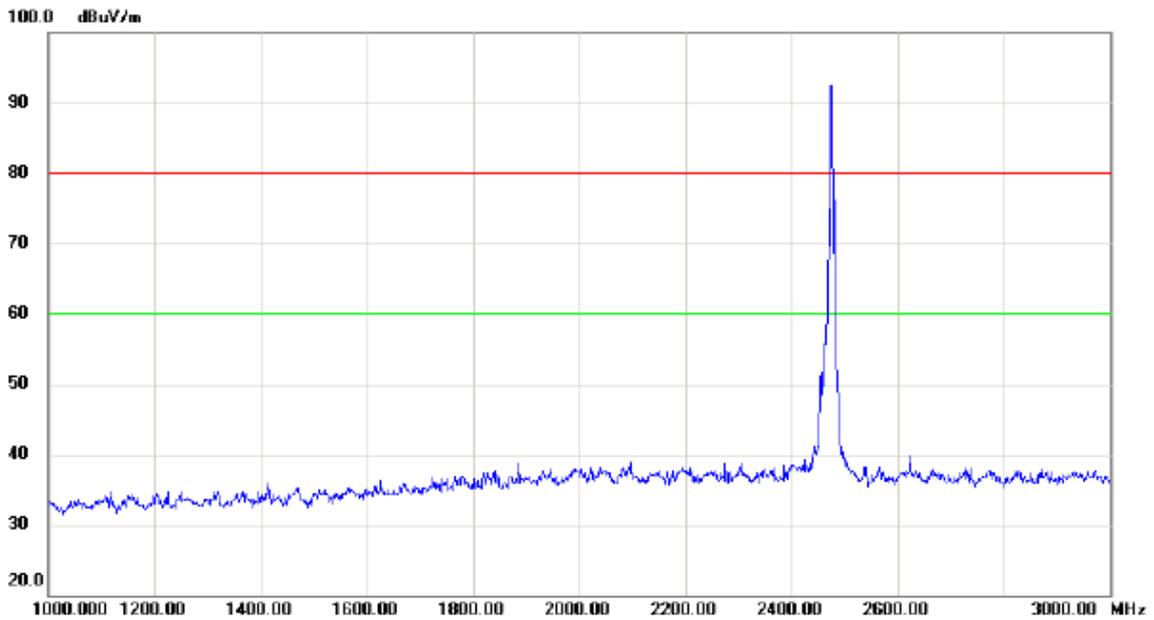
### Horizontal



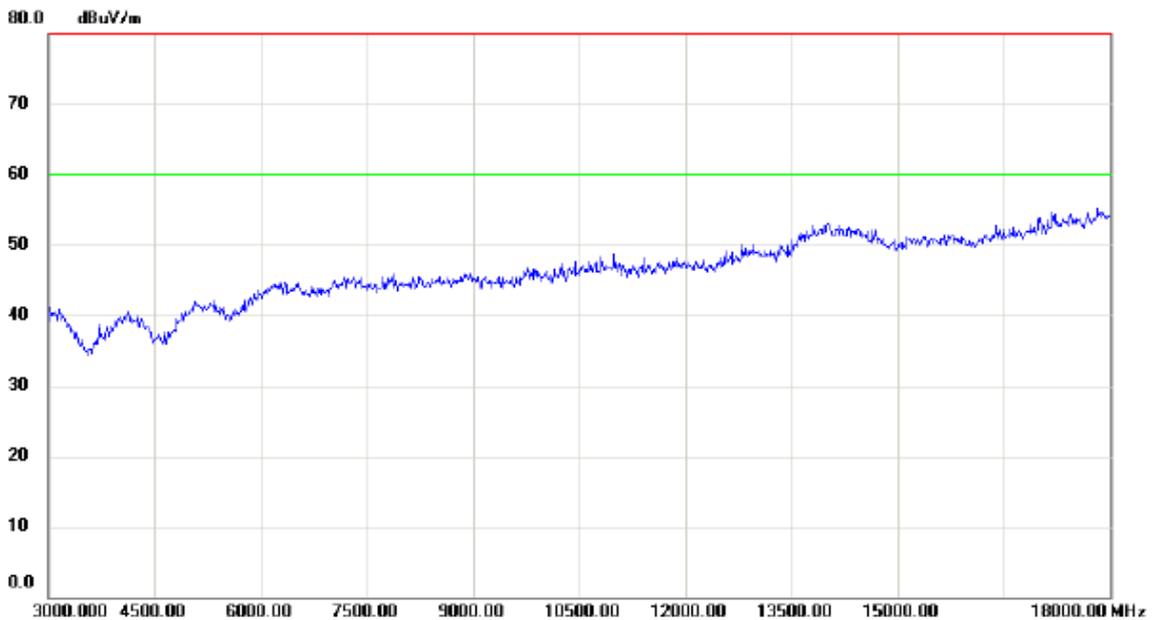
| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | Detector | Comment  |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|--------------|----------|----------|
| 1   | X   | 2474.500     | 64.76                    | 33.37                   | 98.13                      | 74.00           | 24.13        | peak     | No Limit |
| 2   | *   | 2475.000     | 59.63                    | 33.37                   | 93.00                      | 54.00           | 39.00        | AVG      | No Limit |
| 3   |     | 2483.500     | 26.26                    | 33.40                   | 59.66                      | 74.00           | -14.34       | peak     |          |
| 4   |     | 2483.500     | 14.42                    | 33.40                   | 47.82                      | 54.00           | -6.18        | AVG      |          |

|                   |            |
|-------------------|------------|
| Orthogonal Axis : | X          |
| Test Mode :       | TX 2475MHz |

**Horizontal**



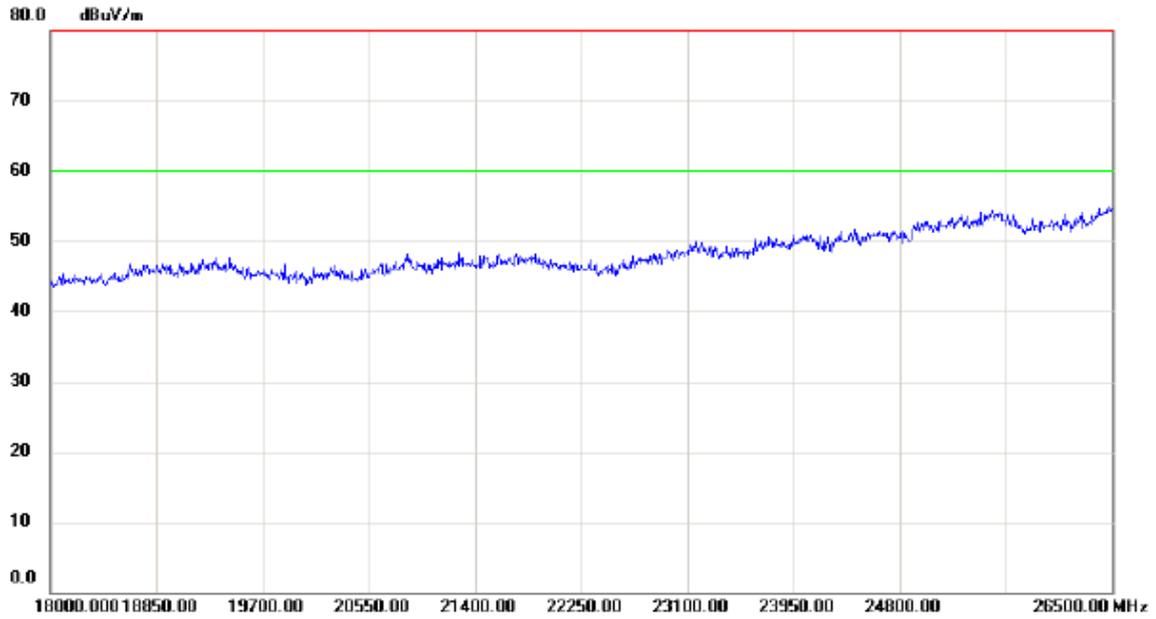
| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit  | Margin | Detector | Comment |
|-----|-----|-------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz   | dBuV          | dB             | dBuV/m      | dBuV/m | dB     |          |         |



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit  | Margin | Detector | Comment |
|-----|-----|-------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz   | dBuV          | dB             | dBuV/m      | dBuV/m | dB     |          |         |

|                   |            |
|-------------------|------------|
| Orthogonal Axis : | X          |
| Test Mode :       | TX 2475MHz |

### Horizontal

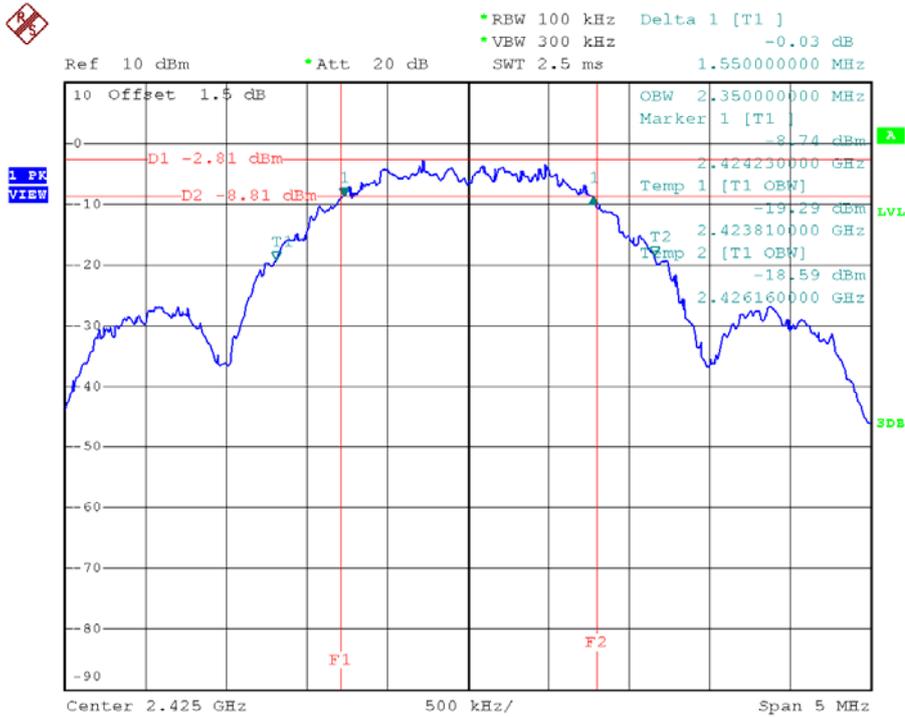


| No. | Mk. | Freq. | Reading Level | Correct Factor | Measurement | Limit  | Margin | Detector | Comment |
|-----|-----|-------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz   | dBuV          | dB             | dBuV/m      | dBuV/m | dB     |          |         |

## ATTACHMENT E - BANDWIDTH

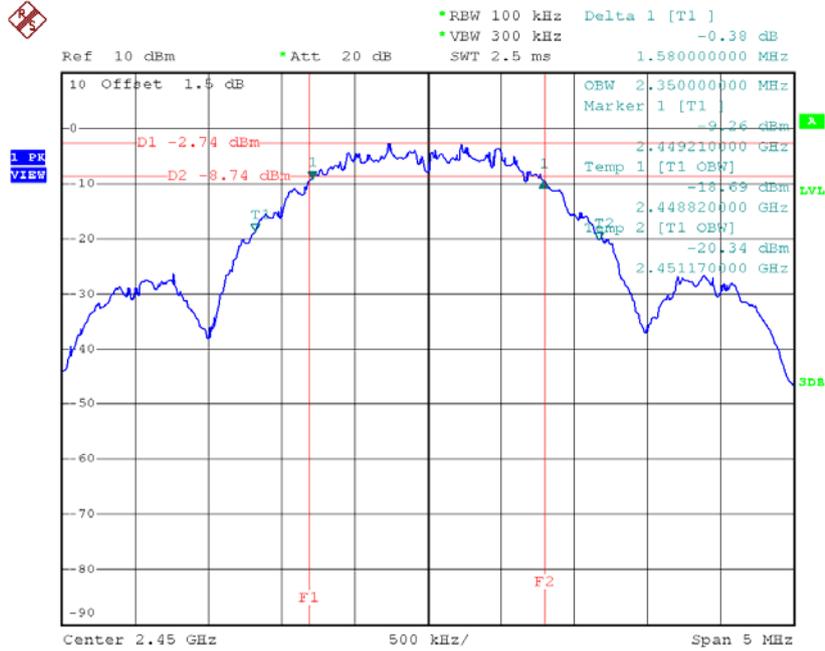
| Frequency (MHz) | 6dB Bandwidth (MHz) | 99% Occupied BW (MHz) | Min. Limit (kHz) | Test Result |
|-----------------|---------------------|-----------------------|------------------|-------------|
| 2425            | 1.550               | 2.350                 | 500              | Complies    |
| 2450            | 1.580               | 2.350                 | 500              | Complies    |
| 2475            | 1.600               | 2.350                 | 500              | Complies    |

### 2425MHz



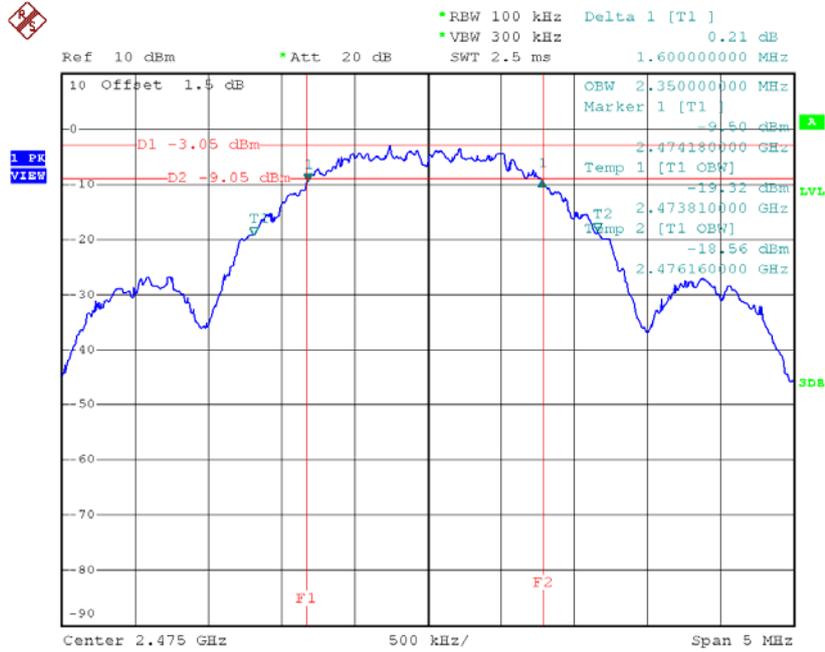
Date: 15.AUG.2016 19:15:22

### 2450MHz



Date: 15.AUG.2016 19:14:19

### 2475MHz



Date: 15.AUG.2016 19:13:22

## ATTACHMENT F - MAXIMUM OUTPUT POWER TEST

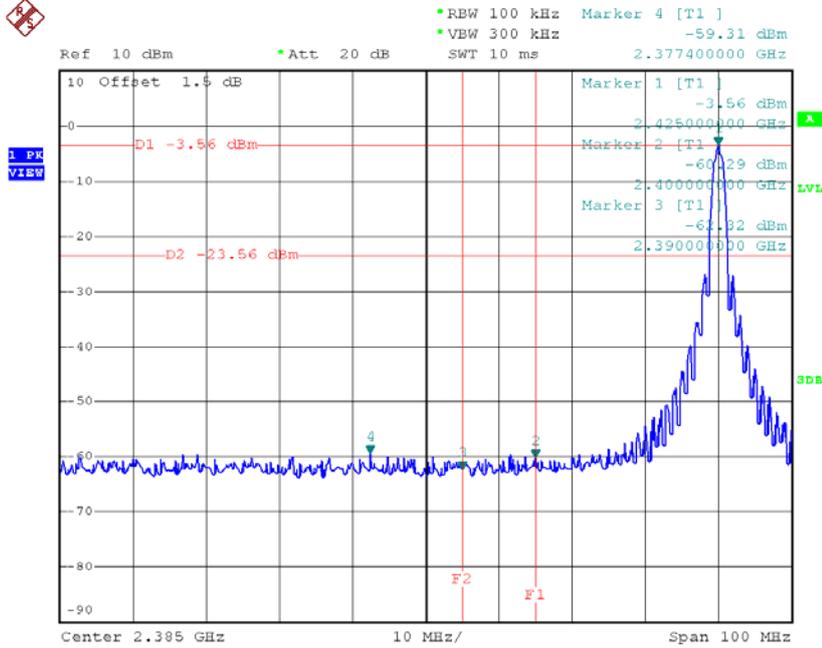
|             |         |
|-------------|---------|
| Test Mode : | TX Mode |
|-------------|---------|

| Frequency<br>(MHz) | Conducted<br>Power (dBm) | Conducted<br>Power (Watt) | Max. Limit<br>(dBm) | Max. Limit<br>(Watt) | Test Result |
|--------------------|--------------------------|---------------------------|---------------------|----------------------|-------------|
| 2425               | 0.44                     | 0.0011                    | 30.00               | 1.00                 | Complies    |
| 2450               | 0.37                     | 0.0011                    | 30.00               | 1.00                 | Complies    |
| 2475               | 0.18                     | 0.0010                    | 30.00               | 1.00                 | Complies    |

# ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION

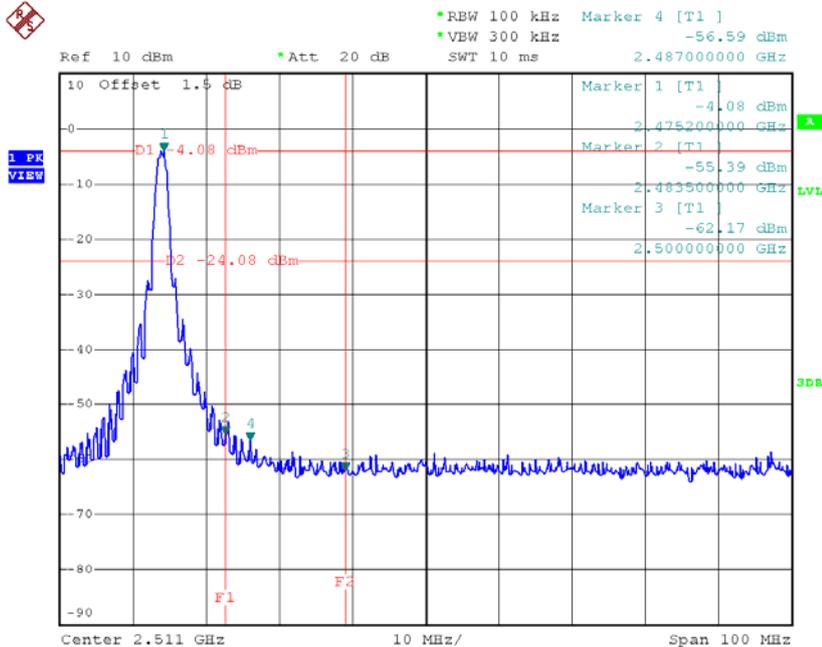
Test Mode : TX Mode

**2425MHz (Lower)**



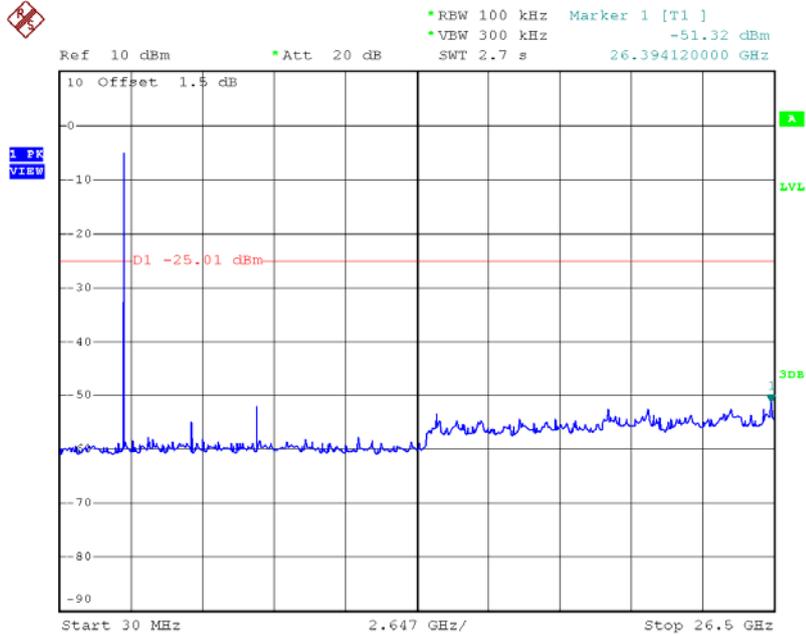
Date: 15.AUG.2016 19:38:51

**2475MHz (upper)**



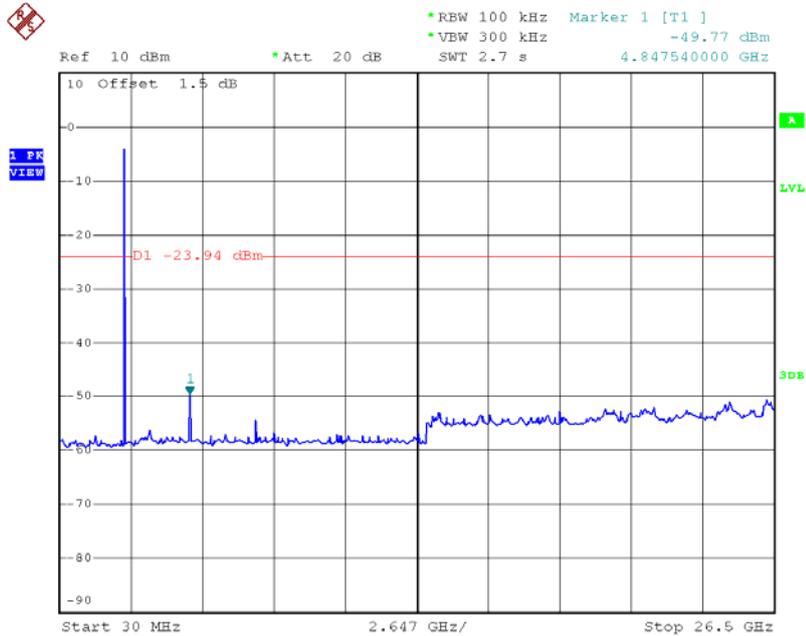
Date: 15.AUG.2016 19:37:15

### 2425MHz (10 Harmonic of the frequency)



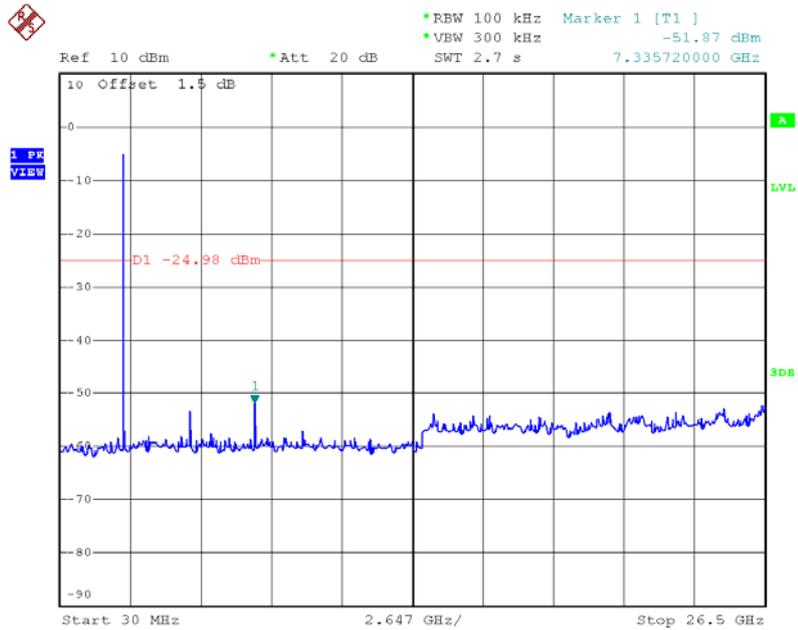
Date: 15.AUG.2016 19:19:15

### 2450MHz (10 Harmonic of the frequency)



Date: 15.AUG.2016 19:27:19

### 2475MHz (10 Harmonic of the frequency)

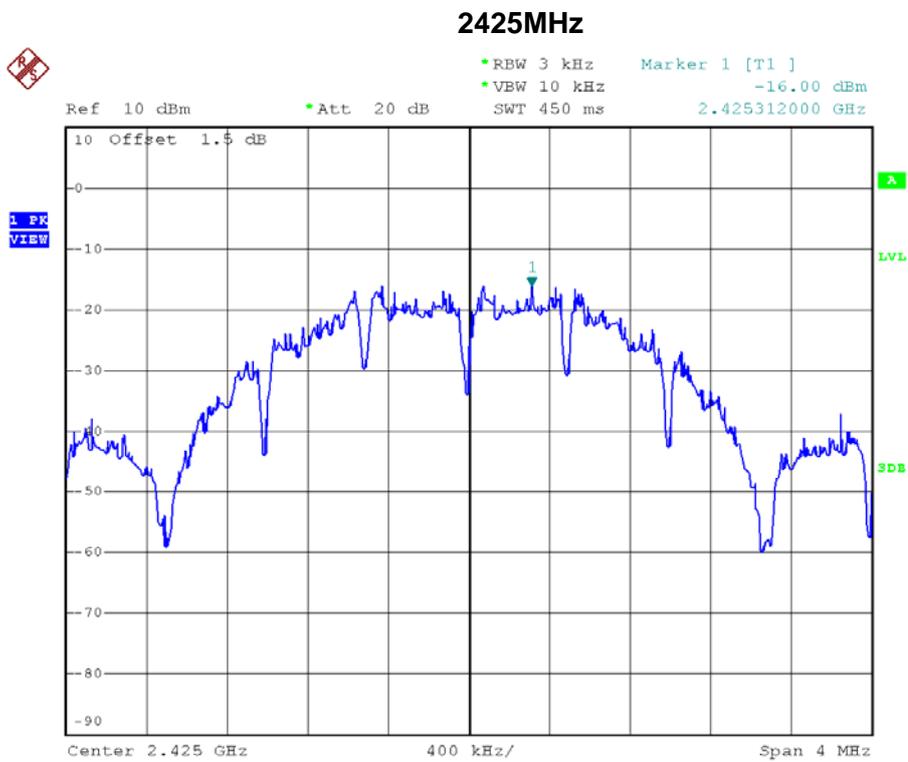


Date: 15.AUG.2016 19:28:35

## ATTACHMENT H - POWER SPECTRAL DENSITY TEST

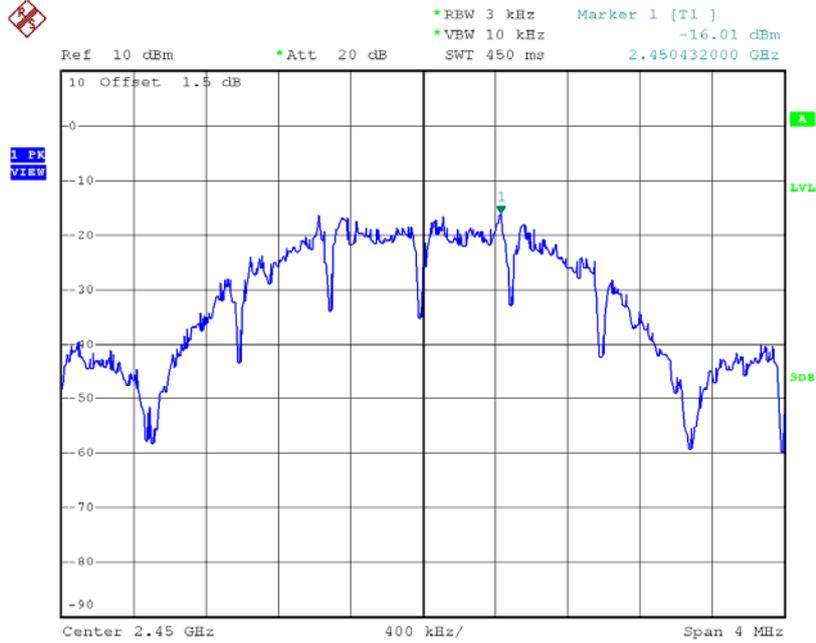
Test Mode : TX Mode

| Frequency (MHz) | Power Density (dBm) | Max. Limit (dBm) | Result   |
|-----------------|---------------------|------------------|----------|
| 2425            | -16.00              | 8                | Complies |
| 2450            | -16.01              | 8                | Complies |
| 2475            | -16.20              | 8                | Complies |



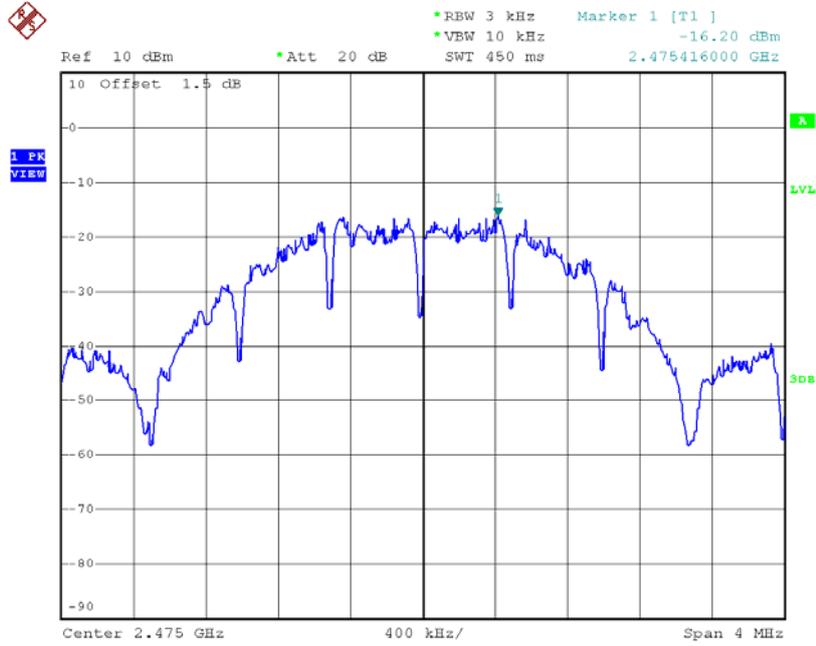
Date: 15.AUG.2016 19:30:55

### 2450MHz



Date: 15.AUG.2016 19:30:21

### TX 2475MHz



Date: 15.AUG.2016 19:29:49