

# FCC Radio Test Report

## FCC ID: VJA-RJ1302

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

**Project No.** : 1608276  
**Equipment** : Mini PCI Radio Module, 1x1, IEEE 802.11 b/g /n, 902 MHz  
**Model Name** : RJ-1302  
**Applicant** : RAJANT CORPORATION  
**Address** : 400 EAST KING STREET, MALVERN PA 19355

**Date of Receipt** : Sep. 01, 2016  
**Date of Test** : Sep. 01, 2016 ~ Nov. 29, 2016  
**Issued Date** : Nov. 30, 2016  
**Tested by** : BTL Inc.

**Testing Engineer** : Rush Kao  
(Rush Kao)

**Technical Manager** : Jeff Yang  
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### **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-1-1608276 | Original Issue. | Nov. 30, 2016 |

## 1. CERTIFICATION

Equipment : Mini PCI Radio Module, 1x1, IEEE 802.11 b/g/n, 902 MHz  
Brand Name : VIZMONET  
Model Name : RJ-1302  
Applicant : RAJANT CORPORATION  
Manufacturer : VIZMONET PTE LTD  
Address : 21, WOODLANDS CLOSE, #08-37, PRIMZ BIZ HUB, SINGAPORE 737 854  
Date of Test : Sep. 01, 2016 ~ Nov. 29, 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-1-1608276) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

## 2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

| Applied Standard(s):<br>FCC 47 CFR Part15 (15.247), Subpart C |                                     |          |        |
|---------------------------------------------------------------|-------------------------------------|----------|--------|
| Standard(s) Section                                           | Test Item                           | Judgment | Remark |
| 15.207                                                        | Conducted Emission                  | PASS     |        |
| 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     |        |
| 15.247(d)                                                     | Band Edge Emissions                 | PASS     |        |

Note:

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

## 2.1 TEST FACILITY

The test facilities used to collect the test data in this report:

### **Conducted emission Test:**

**C05:** (FCC RN:965108; FCC DN:TW1082)

No. 68-1, Ln. 169, Sec.2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

### **Radiated emission Test (Below 1 GHz):**

**CB15:** (FCC RN:674415; FCC DN:TW0659; IC Assigned Code:20088-2)

No. 68-1, Ln. 169, Sec.2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

### **Radiated emission Test (Above 1 GHz):**

**CB15:** (FCC RN:674415; FCC DN:TW0659; IC Assigned Code:20088-2)

No. 68-1, Ln. 169, Sec.2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

## 2.2 MEASUREMENT UNCERTAINTY

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

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

### A. Conducted emission test:

| Test Site | Method | Measurement Frequency Range | $U$ , (dB) |
|-----------|--------|-----------------------------|------------|
| C05       | CISPR  | 150 kHz ~ 30MHz             | 3.06       |

### B. Radiated emission test:

| Test Site    | Method | Measurement Frequency Range | $U$ , (dB) |
|--------------|--------|-----------------------------|------------|
| CB15<br>(3m) | CISPR  | 9kHz ~ 150kHz               | 2.96       |
|              |        | 150kHz ~ 30MHz              | 2.74       |

| Test Site    | Method | Measurement Frequency Range | Ant. | $U$ , (dB) |
|--------------|--------|-----------------------------|------|------------|
| CB15<br>(3m) | CISPR  | 30MHz ~ 200MHz              | V    | 4.76       |
|              |        | 30MHz ~ 200MHz              | H    | 4.28       |
|              |        | 200MHz ~ 1,000MHz           | V    | 5.08       |
|              |        | 200MHz ~ 1,000MHz           | H    | 4.50       |

| Test Site    | Method | Measurement Frequency Range | Ant. | $U$ , (dB) |
|--------------|--------|-----------------------------|------|------------|
| CB15<br>(3m) | CISPR  | 1GHz ~ 6GHz                 | V    | 4.48       |
|              |        | 1GHz ~ 6GHz                 | H    | 4.50       |
|              |        | 6GHz ~ 18GHz                | V    | 4.30       |
|              |        | 6GHz ~ 18GHz                | H    | 4.14       |

Our calculated Measurement Instrumentation Uncertainty is shown in the tables above. These are our  $U_{\text{lab}}$  values in CISPR 16-4-2 terminology.

Since Table 1 of CISPR 16-4-2 has values of measurement instrumentation uncertainty, called  $U_{\text{CISPR}}$ , as follows:

Conducted Disturbance (mains port) – 150 kHz – 30 MHz: 3.6 dB

Radiated Disturbance (electric field strength on an open area test site or alternative test site) – 30 MHz – 1000 MHz: 5.2 dB

It can be seen that our  $U_{\text{lab}}$  values are smaller than  $U_{\text{CISPR}}$ .

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           | Mini PCI Radio Module, 1x1, IEEE 802.11 b/g /n, 902 MHz |                                                                                          |
| Brand Name          | VIZMONET                                                |                                                                                          |
| Model Name          | RJ-1302                                                 |                                                                                          |
| Model Difference    | N/A                                                     |                                                                                          |
| Output Power (Max.) | Operating Frequency                                     | 902 MHz to 928 MHz                                                                       |
|                     | Modulation Technology                                   | 802.11b:DSSS<br>802.11g:OFDM<br>802.11n:OFDM                                             |
|                     | Bit Rate of Transmitter                                 | 802.11b: 11/5.5/2/1 Mbps<br>802.11g:<br>54/48/36/24/18/12/9/6 Mbps<br>802.11n: MCS0~MCS7 |
|                     | Channel Bandwidth                                       | 907MHz: 5/10 MHz<br>912MHz: 5/10/20 MHz<br>917MHz: 5/10/20 MHz<br>922MHz: 5/10 MHz       |
|                     | Output Power (Max.)                                     | 802.11b: 29.57 dBm<br>802.11g: 29.86 dBm<br>802.11n(20MHz): 29.67 dBm                    |
| Power Source        | Supplied from host system.                              |                                                                                          |

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.

2.

| Channel List |                 |         |                 |         |                 |
|--------------|-----------------|---------|-----------------|---------|-----------------|
| Channel      | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 01           | 907             | 03      | 917             |         |                 |
| 02           | 912             | 04      | 922             |         |                 |

3. Table for Filed Antenna

| Ant. | Brand  | Model Name   | Antenna Type | Connector       | Cable loss (min.) | Gain (dBi) |
|------|--------|--------------|--------------|-----------------|-------------------|------------|
| 1    | RAJANT | KMA-915-5-NF | Dipole       | Type N (female) | 0                 | 5          |

### 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 B-20MHZ MODE CHANNEL 02/03         |
| Mode 2       | TX G-5/10MHZ MODE CHANNEL 01/02/03/04 |
| Mode 3       | TX G-20MHZ MODE CHANNEL 02/03         |
| Mode 4       | TX N-20MHZ MODE CHANNEL 02/03         |
| Mode 5       | TX Mode-5/10MHZ                       |
| Mode 6       | TX Mode-20MHZ                         |

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

| For Conducted Test |                 |
|--------------------|-----------------|
| Final Test Mode    | Description     |
| Mode 5             | TX Mode-5/10MHZ |
| Mode 6             | TX Mode-20MHZ   |

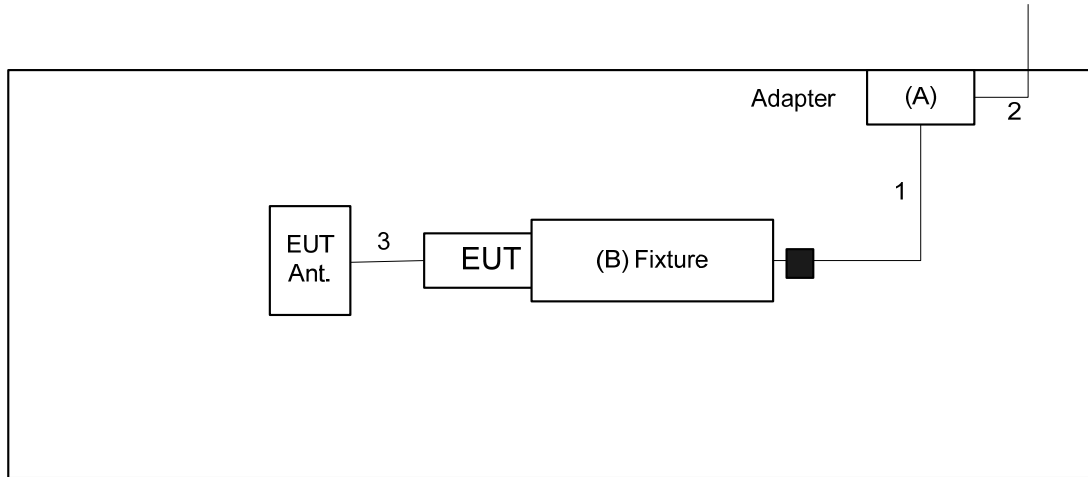
| For Radiated Test |                                       |
|-------------------|---------------------------------------|
| Final Test Mode   | Description                           |
| Mode 1            | TX B-20MHZ MODE CHANNEL 02/03         |
| Mode 2            | TX G-5/10MHZ MODE CHANNEL 01/02/03/04 |
| Mode 3            | TX G-20MHZ MODE CHANNEL 02/03         |
| Mode 4            | TX N-20MHZ MODE CHANNEL 02/03         |

Note:

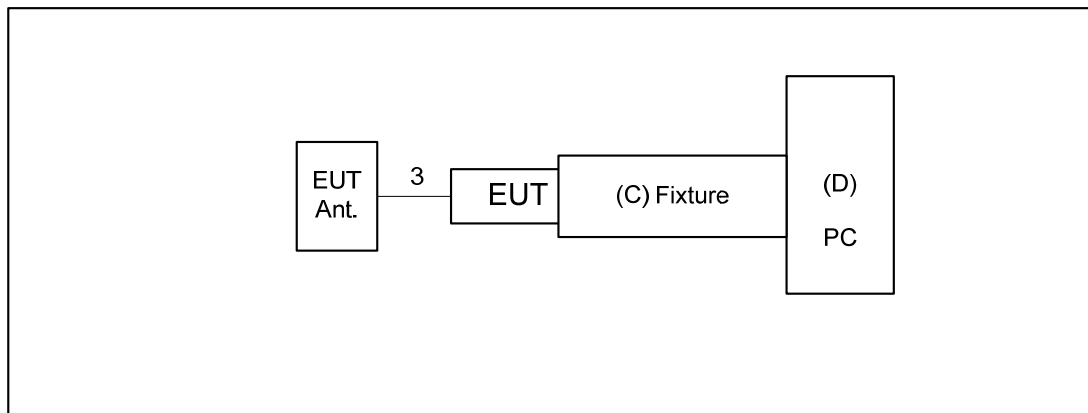
- (1) The measurements are performed at the high, middle, low available channels.
- (2) 802.11b mode: DBPSK (1Mbps)  
802.11g mode: OFDM (6Mbps)  
802.11n HT20 mode : BPSK (6.5Mbps)  
For radiated emission tests, the highest output powers were set for final test.
- (3) For radiated below 1G test, the 802.11g is found to be the worst case and recorded.
- (4) The EUT was programmed to be in continuously transmitting mode and the transmit duty cycle is not less than 98%.
- (5) The EUT was pre-tested on the positioned of each 3 axis. The worst case was found positioned on X-plane. Therefore only the test data of this X-plane was used for radiated emission measurement test.

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

#### Mode 2 and 5



#### Mode 1, 3, 4 and 6



■ Ferrite core

### 3.4 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/IC | Series No. |
|------|--------------|-----------|----------------|-----------|------------|
| A    | Adapter      | DVE       | DSA-0421S-24   | N/A       | N/A        |
| B    | RFID Fixture | N/A       | N/A            | N/A       | N/A        |
| C    | RFID Fixture | N/A       | N/A            | N/A       | N/A        |
| D    | PC           | N/A       | N/A            | N/A       | N/A        |

| Item | Shielded Type | Ferrite Core | Length | Note        |
|------|---------------|--------------|--------|-------------|
| 1    | NO            | YES          | 0.8m   | Power Cable |
| 2    | NO            | NO           | 1.0m   | Power Cable |
| 3    | NO            | NO           | 0.15m  | Data Cable  |

## 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    |

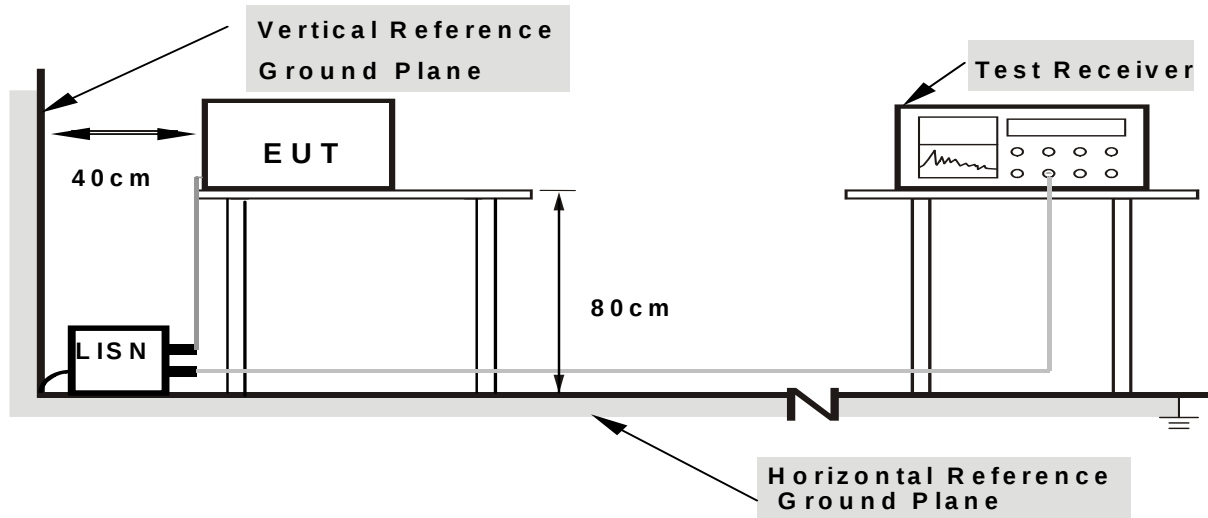
#### 4.1.2 TEST PROCEDURE

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

#### 4.1.3 DEVIATION FROM TEST STANDARD

No deviation

#### 4.1.4 TEST SETUP



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

#### 4.1.5 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical 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: 25°C  
Relative Humidity: 55%  
Test Voltage: AC 120V/60Hz

#### 4.1.7 TEST RESULTS

Please refer to the Attachment A.

Remark:

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

## 4.2 RADIATED EMISSION MEASUREMENT

### 4.2.1 RADIATED EMISSION LIMITS (Frequency Range 9KHz -1000MHz)

20dBc in any 100 kHz bandwidth outside the operating frequency band. 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.

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

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

| Frequency (MHz) | dB(uV/m) (at 3 meters) |         |
|-----------------|------------------------|---------|
|                 | Peak                   | Average |
| Above 1000      | 74                     | 54      |

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

| Spectrum Parameter                         | Setting                                          |
|--------------------------------------------|--------------------------------------------------|
| Attenuation                                | Auto                                             |
| Start Frequency                            | 1000 MHz                                         |
| Stop Frequency                             | 10th carrier harmonic                            |
| RBW / VBW<br>(emission in restricted band) | 1 MHz / 1 MHz for Peak, 1 MHz / 10Hz for Average |

| Spectrum 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

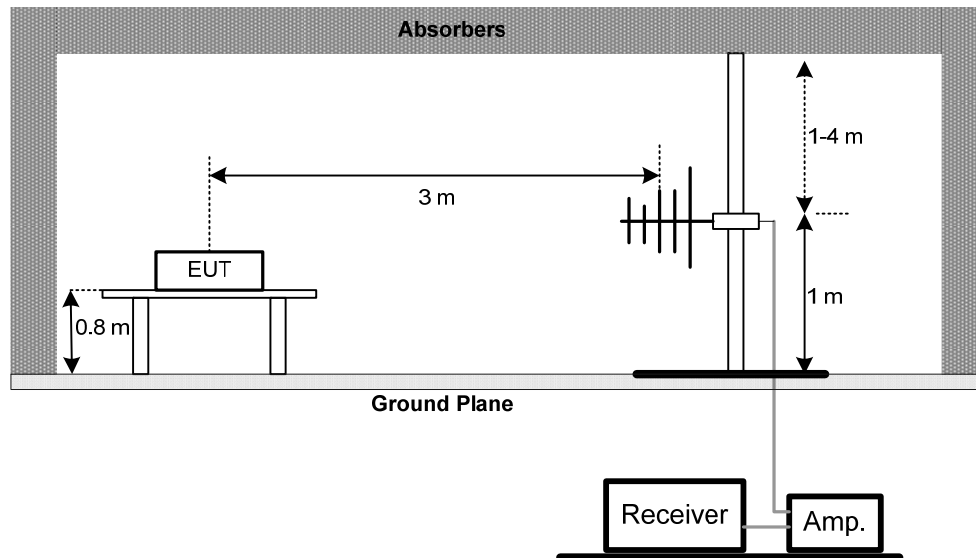
- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- The measuring distance of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

#### 4.2.3 DEVIATION FROM TEST STANDARD

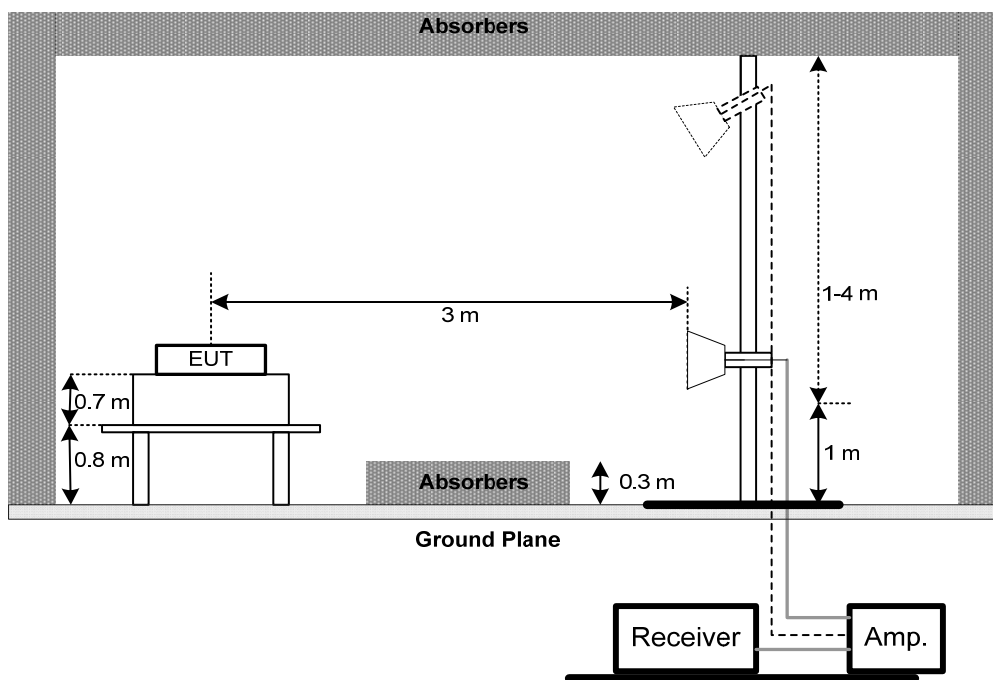
No deviation

#### 4.2.4 TEST SETUP

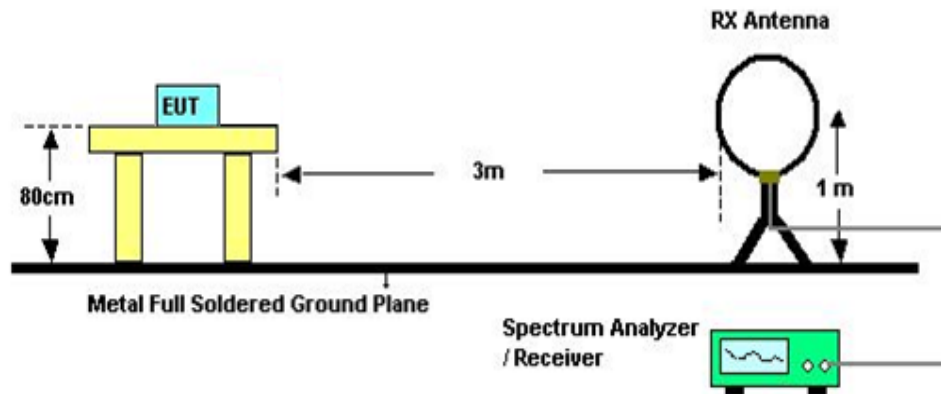
##### (A) Radiated Emission Test Set-Up Frequency Below 1 GHz



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



(C) For radiated emissions below 30MHz



#### 4.2.5 EUT OPERATING CONDITIONS

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

#### 4.2.6 EUT TEST CONDITIONS

Temperature: 25°C

Relative Humidity: 65%

Test Voltage: AC 120V/60Hz

#### 4.2.7 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 =  $40 \log (\text{specific distance} / \text{test distance})$  (dB).
- (3) Limit line = specific limits (dBuV) + distance extrapolation factor.

#### **4.2.8 TEST RESULTS (30MHZ TO 1000 MHZ)**

**Please refer to the Attachment C.**

Remark:

- (1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120KHz; SPA setting in RBW=120KHz, VBW=120KHz, Swp. Time = 0.3 sec./MHz.
- (2) 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.
- (3) Measuring frequency range from 30MHz to 1000MHz.
- (4) If the peak scan value lower limit more than 20dB, then this signal data does not show in table.

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

**Please refer to the Attachment D.**

Remark:

- (1) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission
- (2) 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

| FCC Part15 (15.247) , Subpart C |           |                       |
|---------------------------------|-----------|-----------------------|
| Section                         | Test Item | Frequency Range (MHz) |
| 15.247(a)(2)                    | Bandwidth | 902-928               |

### 5.2 TEST PROCEDURE

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

### 5.3 DEVIATION FROM STANDARD

No deviation.

### 5.4 TEST SETUP



### 5.5 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.

### 5.6 EUT TEST CONDITIONS

Temperature: 25°C

Relative Humidity: 55%

Test Voltage: AC 120V/60Hz

### 5.7 TEST RESULTS

Please refer to the Attachment E

## 6. PEAK OUTPUT POWER TEST

### 6.1 APPLIED PROCEDURES

| FCC Part15 (15.247) , Subpart C |                   |                 |                       |        |
|---------------------------------|-------------------|-----------------|-----------------------|--------|
| Section                         | Test Item         | Limit           | Frequency Range (MHz) | Result |
| 15.247(b)(3)                    | Peak Output Power | 1 Watt or 30dBm | 902-928               | PASS   |

### 6.2 TEST PROCEDURE

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

### 6.3 DEVIATION FROM STANDARD

No deviation.

### 6.4 TEST SETUP



### 6.5 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.

### 6.6 EUT TEST CONDITIONS

Temperature: 25°C

Relative Humidity: 55%

Test Voltage: AC 120V/60Hz

### 6.7 TEST RESULTS

Please refer to the Attachment F

## 7. ANTENNA CONDUCTED SPURIOUS EMISSION

### 7.1 APPLIED PROCEDURES

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.

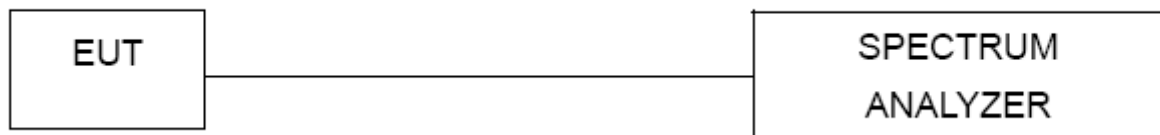
### 7.2 TEST PROCEDURE

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

### 7.3 DEVIATION FROM STANDARD

No deviation.

### 7.4 TEST SETUP



### 7.5 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.

### 7.6 EUT TEST CONDITIONS

Temperature: 25°C

Relative Humidity: 55%

Test Voltage: AC 120V/60Hz

### 7.7 TEST RESULTS

Please refer to the Attachment G

## 8. POWER SPECTRAL DENSITY TEST

### 8.1 APPLIED PROCEDURES

| FCC Part15 (15.247) , Subpart C |                        |                     |                       |        |
|---------------------------------|------------------------|---------------------|-----------------------|--------|
| Section                         | Test Item              | Limit               | Frequency Range (MHz) | Result |
| 15.247(e)                       | Power Spectral Density | 8 dBm (in any 3KHz) | 902-928               | PASS   |

### 8.2 TEST PROCEDURE

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

### 8.3 DEVIATION FROM STANDARD

No deviation.

### 8.4 TEST SETUP



### 8.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

### 8.6 EUT TEST CONDITIONS

Temperature: 25°C

Relative Humidity: 55%

Test Voltage: AC 120V/60Hz

### 8.7 TEST RESULTS

Please refer to the Attachment H.

## 9. MEASUREMENT INSTRUMENTS LIST

| Conducted Emission Measurement |                      |              |                         |            |                  |
|--------------------------------|----------------------|--------------|-------------------------|------------|------------------|
| Item                           | Kind of Equipment    | Manufacturer | Type No.                | Serial No. | Calibrated until |
| 1                              | TWO-LINE V-NETWORK   | R&S          | ENV216                  | 101050     | Jan. 26, 2017    |
| 2                              | Test Cable           | TIMES        | CFD300-NL               | C02        | Jun. 15, 2017    |
| 3                              | EMI Test Receiver    | R&S          | ESR7                    | 101433     | Dec. 10, 2016    |
| 4                              | Measurement Software | EZ           | EZ EMC (Version NB-03A) | N/A        | N/A              |

| Radiated Emission Measurement |                          |              |                   |            |                  |
|-------------------------------|--------------------------|--------------|-------------------|------------|------------------|
| Item                          | Kind of Equipment        | Manufacturer | Type No.          | Serial No. | Calibrated until |
| 1                             | Trilog-Broadband Antenna | Schwarzbeck  | VULB9168-352      | 9168-352   | Feb. 04, 2017    |
| 2                             | Horn Antenna             | Schwarzbeck  | BBHA 9120         | D-546      | Nov. 05, 2017    |
| 3                             | Pre-Amplifier            | HP           | 8447D             | 2944A08891 | Mar. 09 2017     |
| 4                             | Pre-Amplifier            | Agilent      | 8449B             | 3008A02331 | Jan. 24, 2017    |
| 5                             | Test Cable               | EMCI         | EMC8D-NM-NM-8000  | 150301     | Mar. 09, 2017    |
| 6                             | Test Cable               | EMCI         | EMC104-SM-SM-2500 | 150303     | Mar. 09, 2017    |
| 7                             | Test Cable               | EMCI         | EMC104-NM-SM-1000 | 150304     | Mar. 09, 2017    |
| 8                             | Test Cable               | EMCI         | EMC104-SM-SM-5000 | 150302     | Mar. 29, 2017    |
| 9                             | Test Cable               | EMCI         | EMC104-SM-SM-800  | 150305     | Mar. 29, 2017    |
| 10                            | EXA Spectrum Analyzer    | Agilent      | N9010A            | MY52220990 | Feb. 24, 2017    |
| 11                            | EMI Test Receiver        | Agilent      | N9038A            | MY51210215 | Jan. 08, 2017    |
| 12                            | Loop Antenna             | EMCO         | 6502              | 00042960   | Nov. 06. 2016    |

| Bandwidth |                   |              |          |            |                  |
|-----------|-------------------|--------------|----------|------------|------------------|
| Item      | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until |
| 1         | Spectrum Analyzer | R&S          | FSP-40   | 100129     | Jan. 18, 2017    |

| Peak Output Power |                   |              |          |            |                  |
|-------------------|-------------------|--------------|----------|------------|------------------|
| Item              | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until |
| 1                 | Spectrum Analyzer | R&S          | FSP-40   | 100129     | Jan. 18, 2017    |

| Antenna Conducted Spurious Emission |                   |              |          |            |                  |
|-------------------------------------|-------------------|--------------|----------|------------|------------------|
| Item                                | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until |
| 1                                   | Spectrum Analyzer | R&S          | FSP-40   | 100129     | Jan. 18, 2017    |

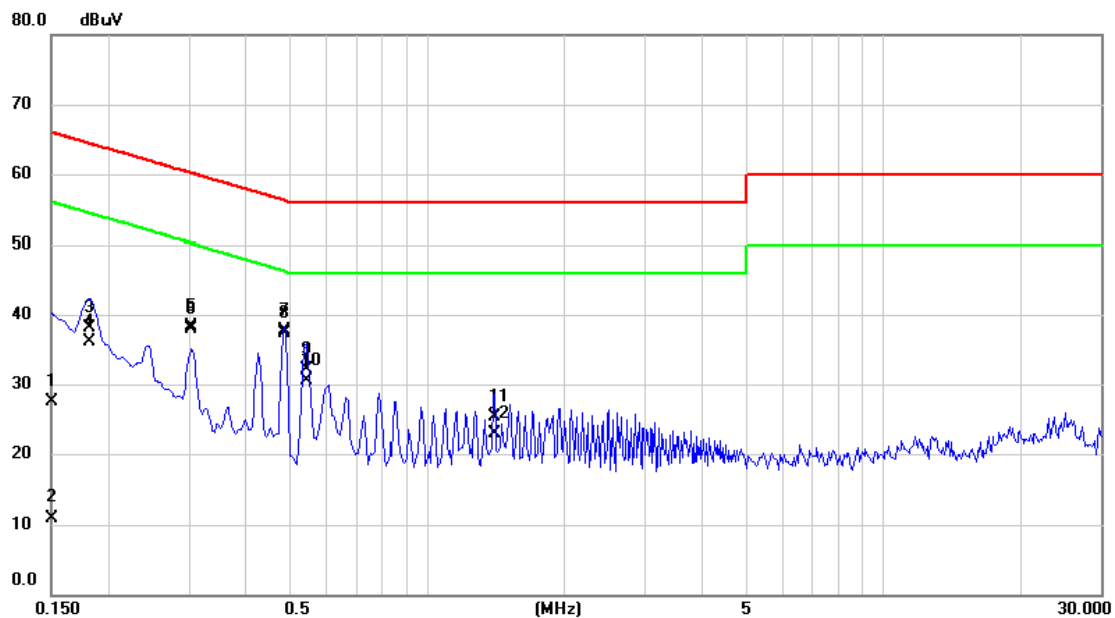
| Power Spectral Density |                   |              |          |            |                  |
|------------------------|-------------------|--------------|----------|------------|------------------|
| Item                   | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until |
| 1                      | Spectrum Analyzer | R&S          | FSP-40   | 100129     | Jan. 18, 2017    |

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

## ATTACHMENT A - CONDUCTED EMISSION

Test Mode: TX Mode-5/10MHZ

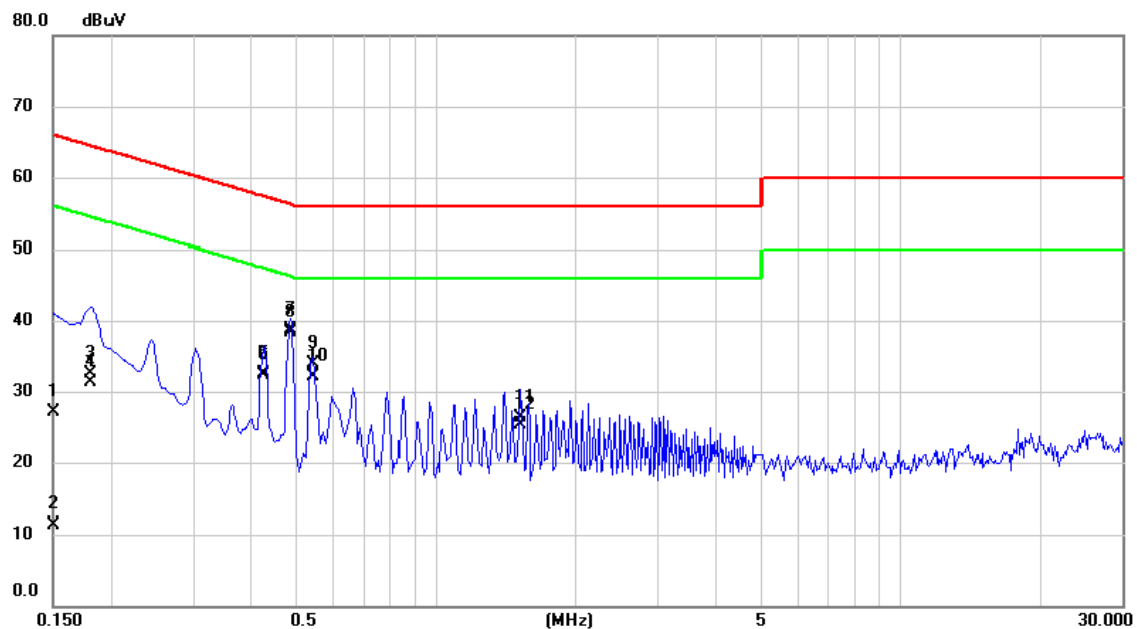
### Line



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV | Limit<br>dBuV | Margin<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|--------------------------|---------------|--------------|----------|---------|
| 1   |     | 0.1500       | 17.90                    | 9.66                    | 27.56                    | 66.00         | -38.44       | QP       |         |
| 2   |     | 0.1500       | 1.30                     | 9.66                    | 10.96                    | 56.00         | -45.04       | AVG      |         |
| 3   |     | 0.1822       | 28.40                    | 9.66                    | 38.06                    | 64.38         | -26.32       | QP       |         |
| 4   |     | 0.1822       | 26.40                    | 9.66                    | 36.06                    | 54.38         | -18.32       | AVG      |         |
| 5   |     | 0.3040       | 28.60                    | 9.66                    | 38.26                    | 60.13         | -21.87       | QP       |         |
| 6   |     | 0.3040       | 28.30                    | 9.66                    | 37.96                    | 50.13         | -12.17       | AVG      |         |
| 7   |     | 0.4867       | 28.00                    | 9.67                    | 37.67                    | 56.22         | -18.55       | QP       |         |
| 8   | *   | 0.4867       | 27.70                    | 9.67                    | 37.37                    | 46.22         | -8.85        | AVG      |         |
| 9   |     | 0.5450       | 22.50                    | 9.67                    | 32.17                    | 56.00         | -23.83       | QP       |         |
| 10  |     | 0.5450       | 20.90                    | 9.67                    | 30.57                    | 46.00         | -15.43       | AVG      |         |
| 11  |     | 1.4000       | 15.60                    | 9.69                    | 25.29                    | 56.00         | -30.71       | QP       |         |
| 12  |     | 1.4000       | 13.30                    | 9.69                    | 22.99                    | 46.00         | -23.01       | AVG      |         |

Test Mode: TX Mode-5/10MHZ

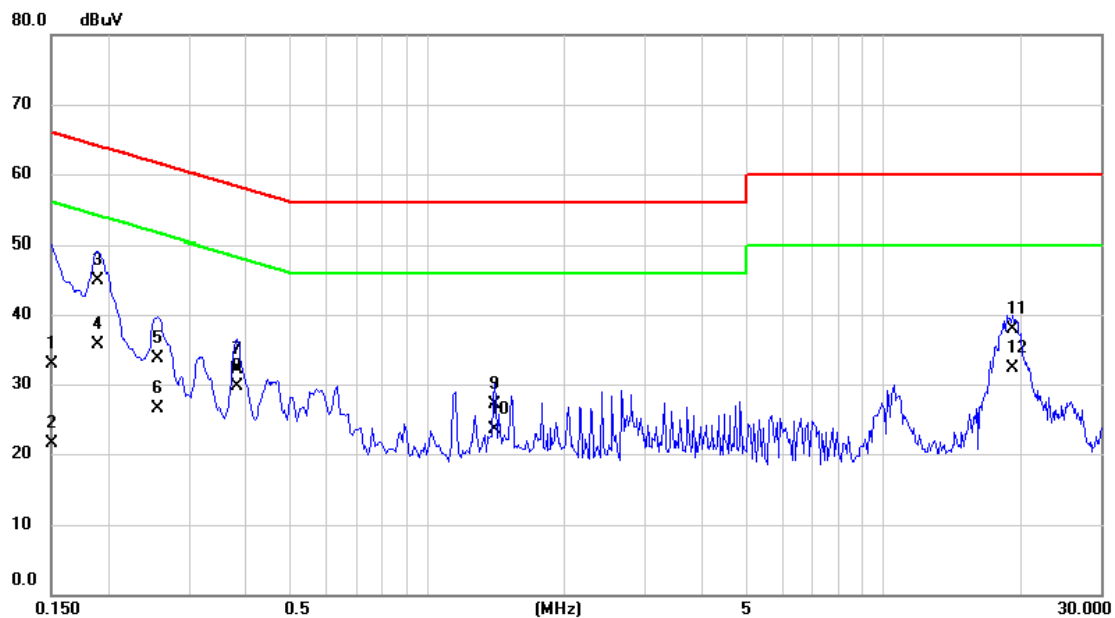
### Neutral



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV | Limit<br>dBuV | Margin<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|--------------------------|---------------|--------------|----------|---------|
| 1   |     | 0.1500       | 17.50                    | 9.67                    | 27.17                    | 66.00         | -38.83       | QP       |         |
| 2   |     | 0.1500       | 1.70                     | 9.67                    | 11.37                    | 56.00         | -44.63       | AVG      |         |
| 3   |     | 0.1808       | 22.80                    | 9.66                    | 32.46                    | 64.45         | -31.99       | QP       |         |
| 4   |     | 0.1808       | 21.60                    | 9.66                    | 31.26                    | 54.45         | -23.19       | AVG      |         |
| 5   |     | 0.4258       | 22.90                    | 9.67                    | 32.57                    | 57.33         | -24.76       | QP       |         |
| 6   |     | 0.4258       | 22.60                    | 9.67                    | 32.27                    | 47.33         | -15.06       | AVG      |         |
| 7   |     | 0.4874       | 29.10                    | 9.67                    | 38.77                    | 56.21         | -17.44       | QP       |         |
| 8   | *   | 0.4874       | 28.70                    | 9.67                    | 38.37                    | 46.21         | -7.84        | AVG      |         |
| 9   |     | 0.5450       | 24.20                    | 9.67                    | 33.87                    | 56.00         | -22.13       | QP       |         |
| 10  |     | 0.5450       | 22.40                    | 9.67                    | 32.07                    | 46.00         | -13.93       | AVG      |         |
| 11  |     | 1.5170       | 16.50                    | 9.72                    | 26.22                    | 56.00         | -29.78       | QP       |         |
| 12  |     | 1.5170       | 15.50                    | 9.72                    | 25.22                    | 46.00         | -20.78       | AVG      |         |

Test Mode: TX Mode-20MHZ

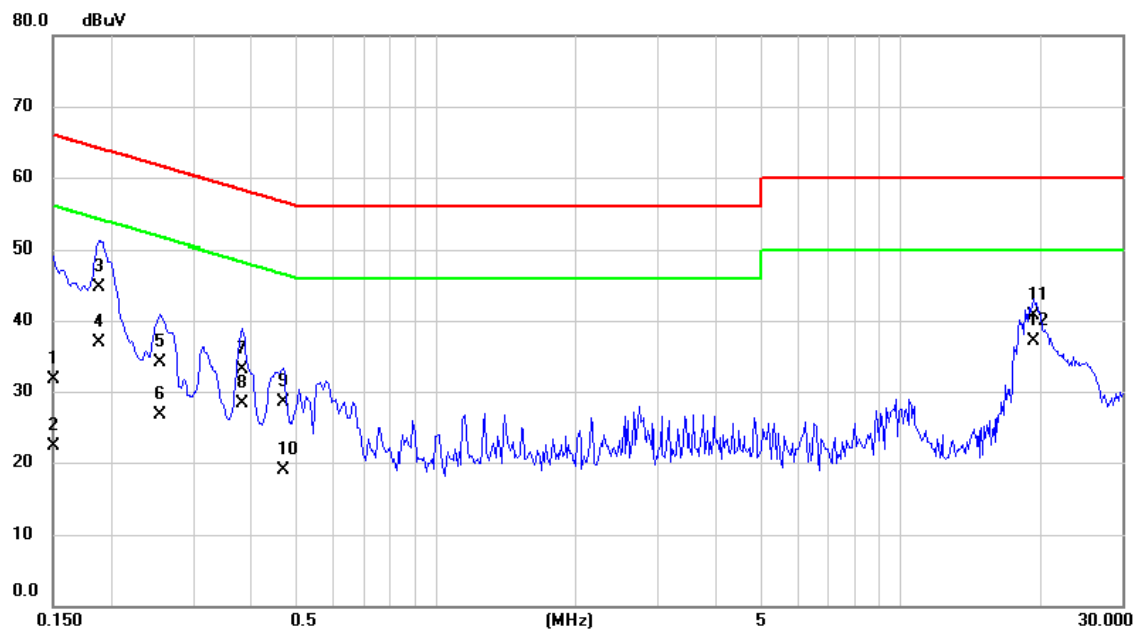
# Line



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV | Limit<br>dBuV | Margin<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|--------------------------|---------------|--------------|----------|---------|
| 1   |     | 0.1500       | 23.20                    | 9.66                    | 32.86                    | 66.00         | -33.14       | QP       |         |
| 2   |     | 0.1500       | 11.90                    | 9.66                    | 21.56                    | 56.00         | -34.44       | AVG      |         |
| 3   |     | 0.1906       | 35.30                    | 9.66                    | 44.96                    | 64.01         | -19.05       | QP       |         |
| 4   |     | 0.1906       | 26.00                    | 9.66                    | 35.66                    | 54.01         | -18.35       | AVG      |         |
| 5   |     | 0.2550       | 24.10                    | 9.66                    | 33.76                    | 61.59         | -27.83       | QP       |         |
| 6   |     | 0.2550       | 16.80                    | 9.66                    | 26.46                    | 51.59         | -25.13       | AVG      |         |
| 7   |     | 0.3824       | 22.50                    | 9.66                    | 32.16                    | 58.23         | -26.07       | QP       |         |
| 8   |     | 0.3824       | 20.10                    | 9.66                    | 29.76                    | 48.23         | -18.47       | AVG      |         |
| 9   |     | 1.4000       | 17.50                    | 9.69                    | 27.19                    | 56.00         | -28.81       | QP       |         |
| 10  |     | 1.4000       | 13.90                    | 9.69                    | 23.59                    | 46.00         | -22.41       | AVG      |         |
| 11  |     | 19.1500      | 28.00                    | 9.97                    | 37.97                    | 60.00         | -22.03       | QP       |         |
| 12  | *   | 19.1500      | 22.40                    | 9.97                    | 32.37                    | 50.00         | -17.63       | AVG      |         |

Test Mode: TX Mode-20MHZ

### Neutral

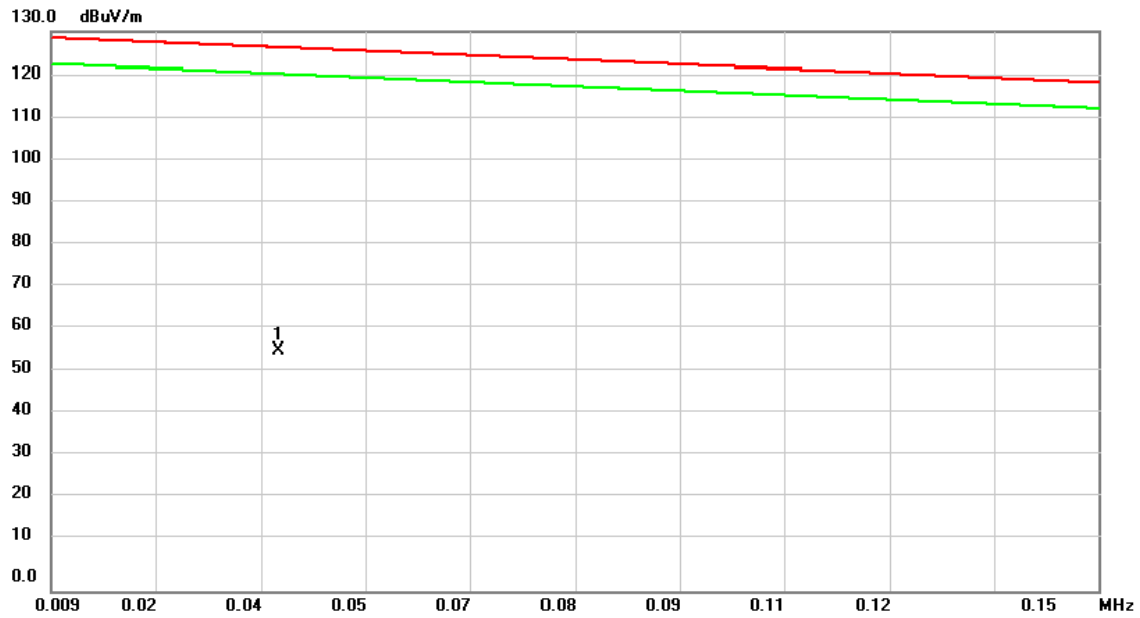


| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV | Limit<br>dBuV | Margin<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|--------------------------|---------------|--------------|----------|---------|
| 1   |     | 0.1500       | 22.00                    | 9.67                    | 31.67                    | 66.00         | -34.33       | QP       |         |
| 2   |     | 0.1500       | 12.60                    | 9.67                    | 22.27                    | 56.00         | -33.73       | AVG      |         |
| 3   |     | 0.1892       | 35.10                    | 9.66                    | 44.76                    | 64.07         | -19.31       | QP       |         |
| 4   |     | 0.1892       | 27.20                    | 9.66                    | 36.86                    | 54.07         | -17.21       | AVG      |         |
| 5   |     | 0.2543       | 24.40                    | 9.66                    | 34.06                    | 61.62         | -27.56       | QP       |         |
| 6   |     | 0.2543       | 17.00                    | 9.66                    | 26.66                    | 51.62         | -24.96       | AVG      |         |
| 7   |     | 0.3831       | 23.50                    | 9.66                    | 33.16                    | 58.21         | -25.05       | QP       |         |
| 8   |     | 0.3831       | 18.60                    | 9.66                    | 28.26                    | 48.21         | -19.95       | AVG      |         |
| 9   |     | 0.4692       | 18.80                    | 9.67                    | 28.47                    | 56.53         | -28.06       | QP       |         |
| 10  |     | 0.4692       | 9.20                     | 9.67                    | 18.87                    | 46.53         | -27.66       | AVG      |         |
| 11  |     | 19.2500      | 30.80                    | 9.97                    | 40.77                    | 60.00         | -19.23       | QP       |         |
| 12  | *   | 19.2500      | 27.10                    | 9.97                    | 37.07                    | 50.00         | -12.93       | AVG      |         |

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

Test Mode: TX Mode-5/10MHZ

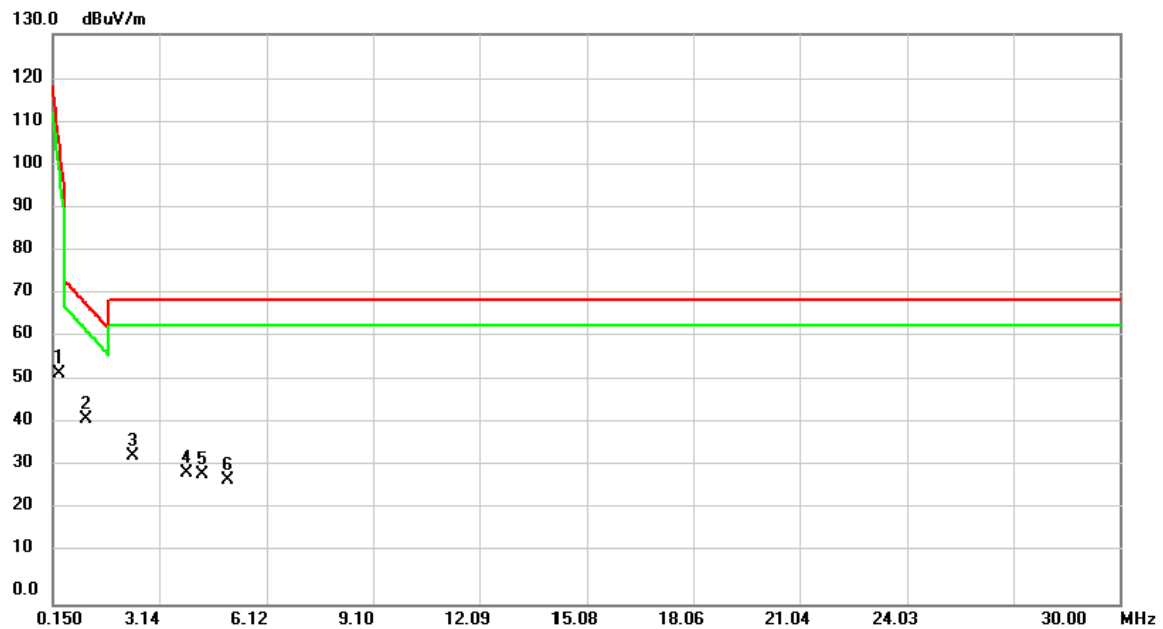
Open



| 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   | *   | 0.0395       | 42.02                    | 14.05                   | 56.07                      | 126.32          | -70.25       | peak     |         |

Test Mode: TX Mode-5/10MHZ

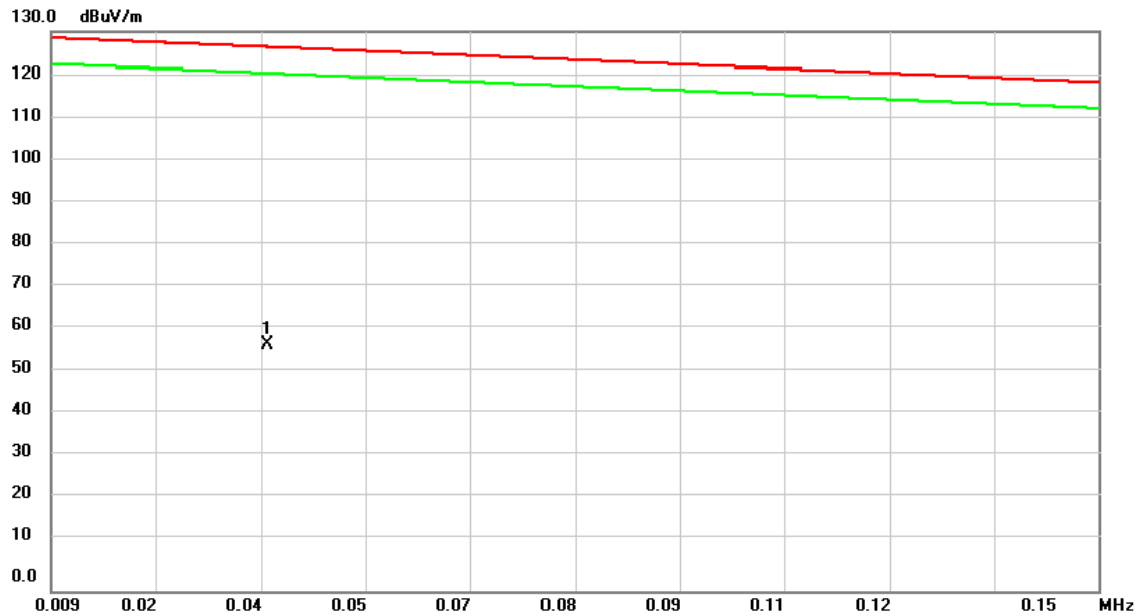
Open



| No. | Mk. | Freq.  | Reading Level | Correct Factor | Measure-ment | Limit  | Margin |          |         |
|-----|-----|--------|---------------|----------------|--------------|--------|--------|----------|---------|
|     |     | MHz    | dBuV          | dB             | dBuV/m       | dBuV/m | dB     | Detector | Comment |
| 1   |     | 0.3291 | 40.93         | 11.80          | 52.73        | 105.41 | -52.68 | peak     |         |
| 2   | *   | 1.0750 | 30.36         | 11.97          | 42.33        | 68.59  | -26.26 | peak     |         |
| 3   |     | 2.3887 | 22.56         | 11.38          | 33.94        | 69.54  | -35.60 | peak     |         |
| 4   |     | 3.9110 | 18.67         | 11.24          | 29.91        | 69.54  | -39.63 | peak     |         |
| 5   |     | 4.3290 | 18.38         | 11.30          | 29.68        | 69.54  | -39.86 | peak     |         |
| 6   |     | 5.0750 | 16.98         | 11.40          | 28.38        | 69.54  | -41.16 | peak     |         |

Test Mode: TX Mode-5/10MHZ

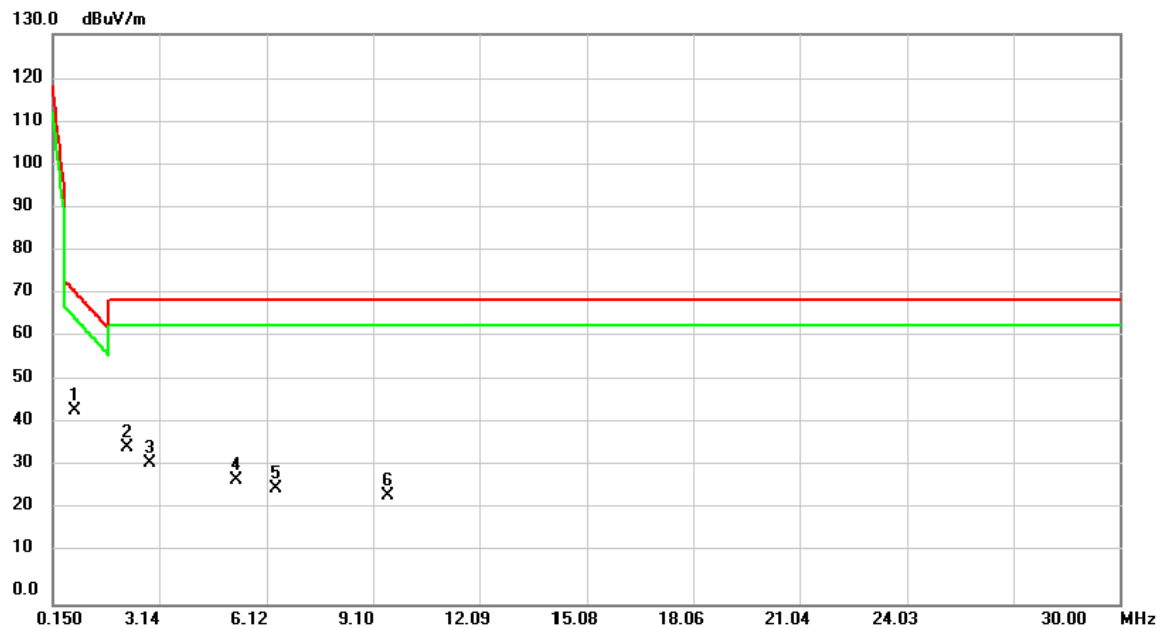
Close



| No. | Mk. | Freq.  | Reading<br>Level | Correct<br>Factor | Measure-<br>ment | Limit  | Margin |          |         |
|-----|-----|--------|------------------|-------------------|------------------|--------|--------|----------|---------|
|     |     | MHz    | dBuV             | dB                | dBuV/m           | dBuV/m | dB     | Detector | Comment |
| 1   | *   | 0.0380 | 43.20            | 14.20             | 57.40            | 126.43 | -69.03 | peak     |         |

Test Mode: TX Mode-5/10MHZ

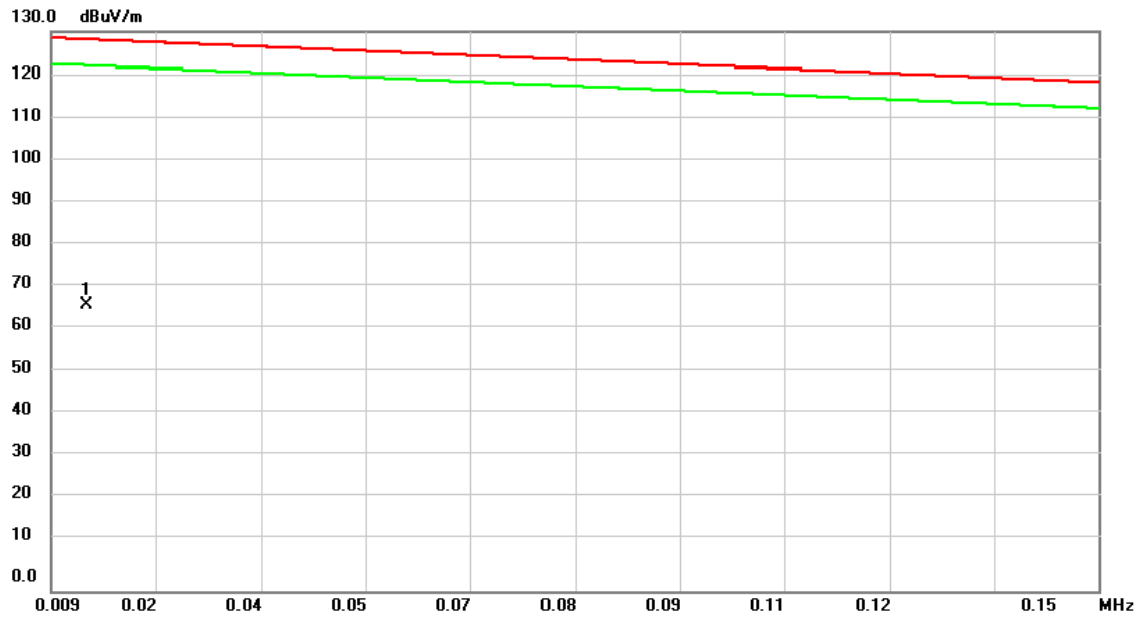
Close



| No. | Mk. | Freq.  | Reading Level | Correct Factor | Measure-ment | Limit  | Margin |          |         |
|-----|-----|--------|---------------|----------------|--------------|--------|--------|----------|---------|
|     |     | MHz    | dBuV          | dB             | dBuV/m       | dBuV/m | dB     | Detector | Comment |
| 1   | *   | 0.7470 | 32.44         | 11.90          | 44.34        | 71.51  | -27.17 | peak     |         |
| 2   |     | 2.2395 | 24.62         | 11.44          | 36.06        | 69.54  | -33.48 | peak     |         |
| 3   |     | 2.8664 | 21.25         | 11.16          | 32.41        | 69.54  | -37.13 | peak     |         |
| 4   |     | 5.2842 | 16.97         | 11.39          | 28.36        | 69.54  | -41.18 | peak     |         |
| 5   |     | 6.3887 | 15.28         | 11.37          | 26.65        | 69.54  | -42.89 | peak     |         |
| 6   |     | 9.5228 | 13.44         | 11.31          | 24.75        | 69.54  | -44.79 | peak     |         |

Test Mode: TX Mode-20MHZ

Open



| No. | Mk. | Freq.  | Reading Level | Correct Factor | Measurement | Limit  | Margin |          |         |
|-----|-----|--------|---------------|----------------|-------------|--------|--------|----------|---------|
|     |     | MHz    | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector | Comment |
| 1   | *   | 0.0137 | 47.07         | 19.48          | 66.55       | 128.18 | -61.63 | peak     |         |

Test Mode: TX Mode-20MHZ

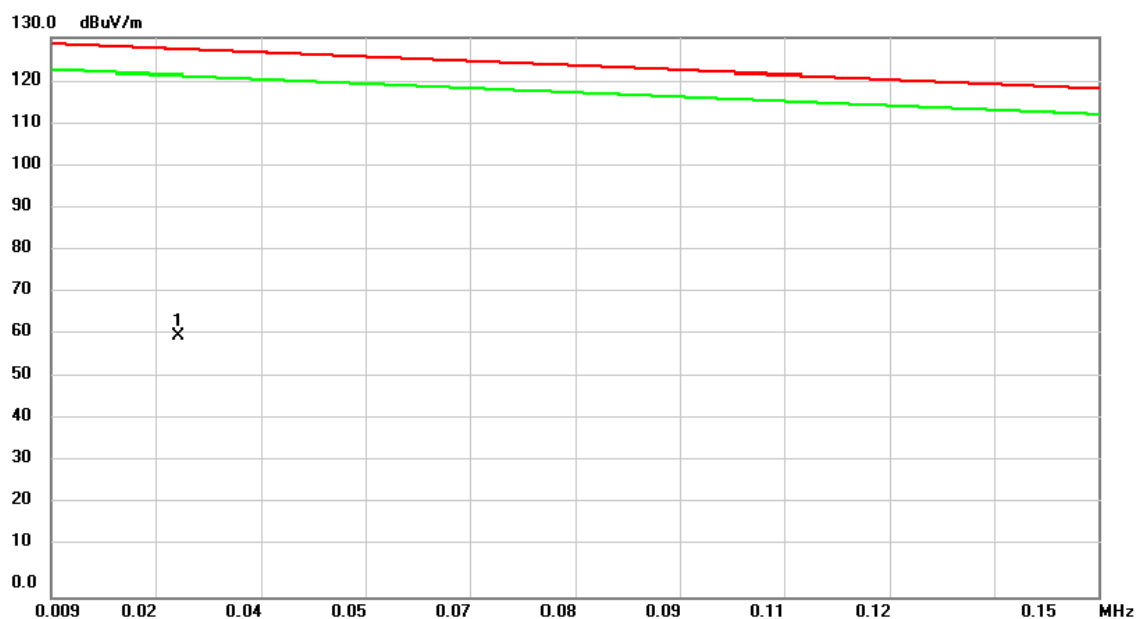
Open



| No. | Mk. | Freq.  | Reading Level | Correct Factor | Measure-ment | Limit  | Margin |          |         |
|-----|-----|--------|---------------|----------------|--------------|--------|--------|----------|---------|
|     |     | MHz    | dBuV          | dB             | dBuV/m       | dBuV/m | dB     | Detector | Comment |
| 1   |     | 0.1800 | 44.87         | 11.98          | 56.85        | 116.18 | -59.33 | peak     |         |
| 2   | *   | 0.5675 | 35.40         | 11.83          | 47.23        | 73.11  | -25.88 | peak     |         |
| 3   |     | 1.0750 | 30.36         | 11.97          | 42.33        | 68.59  | -26.26 | peak     |         |
| 4   |     | 1.3440 | 27.36         | 11.85          | 39.21        | 66.19  | -26.98 | peak     |         |
| 5   |     | 1.8810 | 24.44         | 11.60          | 36.04        | 69.54  | -33.50 | peak     |         |
| 6   |     | 2.3887 | 22.56         | 11.38          | 33.94        | 69.54  | -35.60 | peak     |         |

|            |               |
|------------|---------------|
| Test Mode: | TX Mode-20MHZ |
|------------|---------------|

### Close



| 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   | *   | 0.0262       | 44.44                    | 16.04                   | 60.48                      | 127.28          | -66.80       | peak     |         |

Test Mode: TX Mode-20MHZ

Close

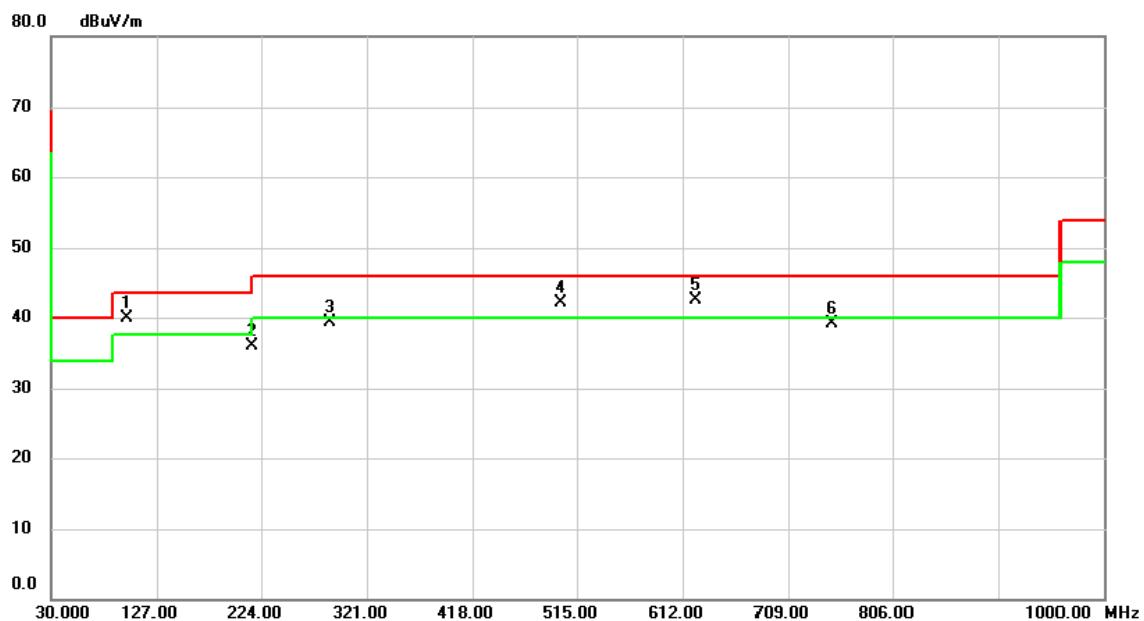


| No. | Mk. | Freq.  | Reading Level | Correct Factor | Measure-ment | Limit  | Margin |          |         |
|-----|-----|--------|---------------|----------------|--------------|--------|--------|----------|---------|
|     |     | MHz    | dBuV          | dB             | dBuV/m       | dBuV/m | dB     | Detector | Comment |
| 1   |     | 0.1800 | 46.94         | 11.98          | 58.92        | 116.18 | -57.26 | peak     |         |
| 2   | *   | 0.9858 | 29.83         | 11.99          | 41.82        | 69.38  | -27.56 | peak     |         |
| 3   |     | 2.2395 | 24.62         | 11.44          | 36.06        | 69.54  | -33.48 | peak     |         |
| 4   |     | 2.8664 | 21.25         | 11.16          | 32.41        | 69.54  | -37.13 | peak     |         |
| 5   |     | 5.2842 | 16.97         | 11.39          | 28.36        | 69.54  | -41.18 | peak     |         |
| 6   |     | 6.3887 | 15.28         | 11.37          | 26.65        | 69.54  | -42.89 | peak     |         |

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

Test Mode: TX Mode-5/10MHZ

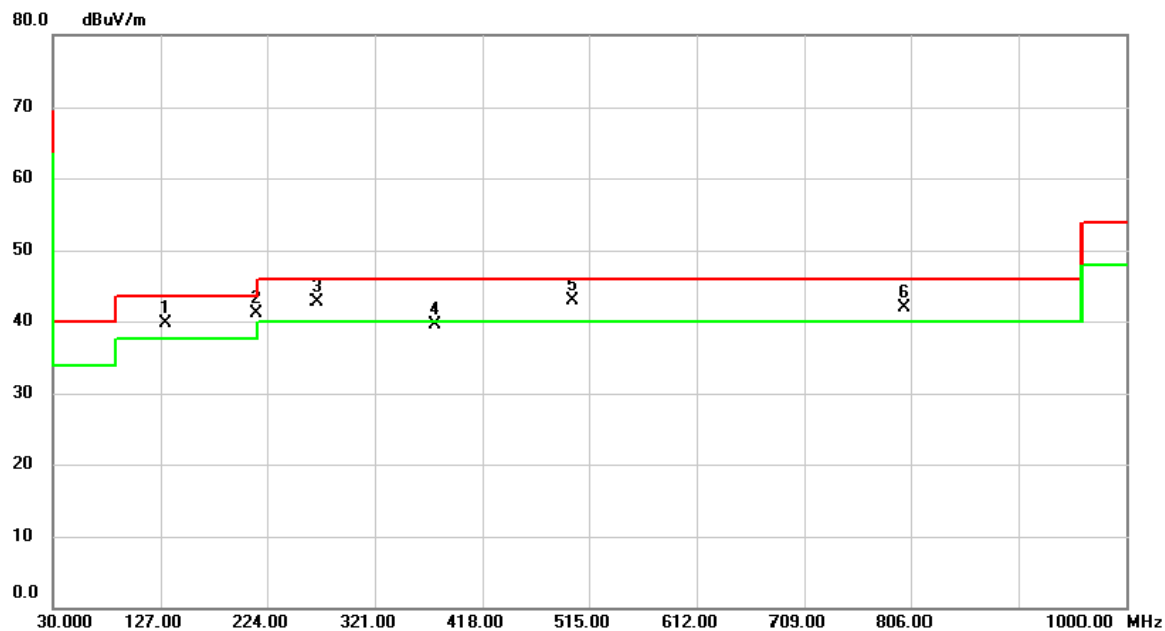
# Vertical



| No. | Mk. | Freq.    | Reading | Correct | Measure- | Limit  | Margin |          |         |
|-----|-----|----------|---------|---------|----------|--------|--------|----------|---------|
|     |     | MHz      | Level   | Factor  | ment     |        |        | Detector | Comment |
|     |     |          | dBuV    | dB      | dBuV/m   | dBuV/m | dB     |          |         |
| 1   | !   | 99.8400  | 52.65   | -12.70  | 39.95    | 43.50  | -3.55  | peak     |         |
| 2   |     | 215.2700 | 46.76   | -10.88  | 35.88    | 43.50  | -7.62  | peak     |         |
| 3   |     | 286.0800 | 46.98   | -7.75   | 39.23    | 46.00  | -6.77  | peak     |         |
| 4   | !   | 500.4500 | 44.77   | -2.64   | 42.13    | 46.00  | -3.87  | peak     |         |
| 5   | *   | 624.6100 | 42.52   | -0.02   | 42.50    | 46.00  | -3.50  | peak     |         |
| 6   |     | 749.7400 | 36.77   | 2.33    | 39.10    | 46.00  | -6.90  | peak     |         |

Test Mode: TX Mode-5/10MHZ

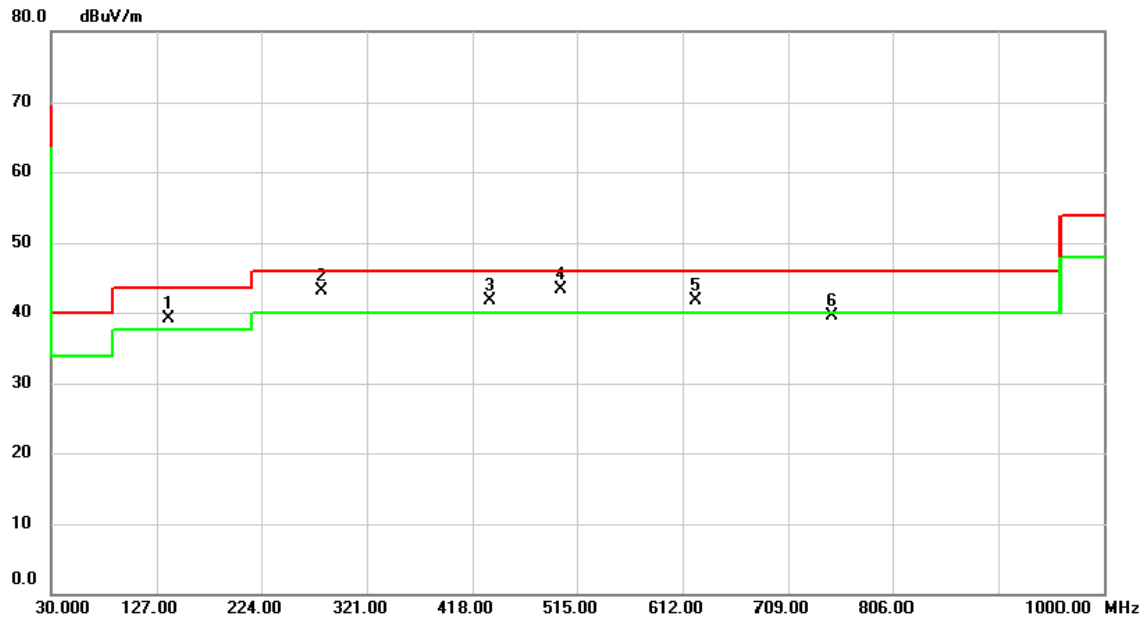
# Horizontal



| 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   | !   | 132.1733     | 49.14                    | -9.36                   | 39.78                      | 43.50           | -3.72        | peak     |         |
| 2   | *   | 214.3000     | 51.89                    | -10.88                  | 41.01                      | 43.50           | -2.49        | peak     |         |
| 3   | !   | 268.6200     | 51.18                    | -8.43                   | 42.75                      | 46.00           | -3.25        | peak     |         |
| 4   |     | 375.3200     | 44.99                    | -5.44                   | 39.55                      | 46.00           | -6.45        | peak     |         |
| 5   | !   | 500.4500     | 45.64                    | -2.64                   | 43.00                      | 46.00           | -3.00        | peak     |         |
| 6   | !   | 800.1800     | 39.06                    | 2.88                    | 41.94                      | 46.00           | -4.06        | peak     |         |

Test Mode: TX Mode-20MHZ

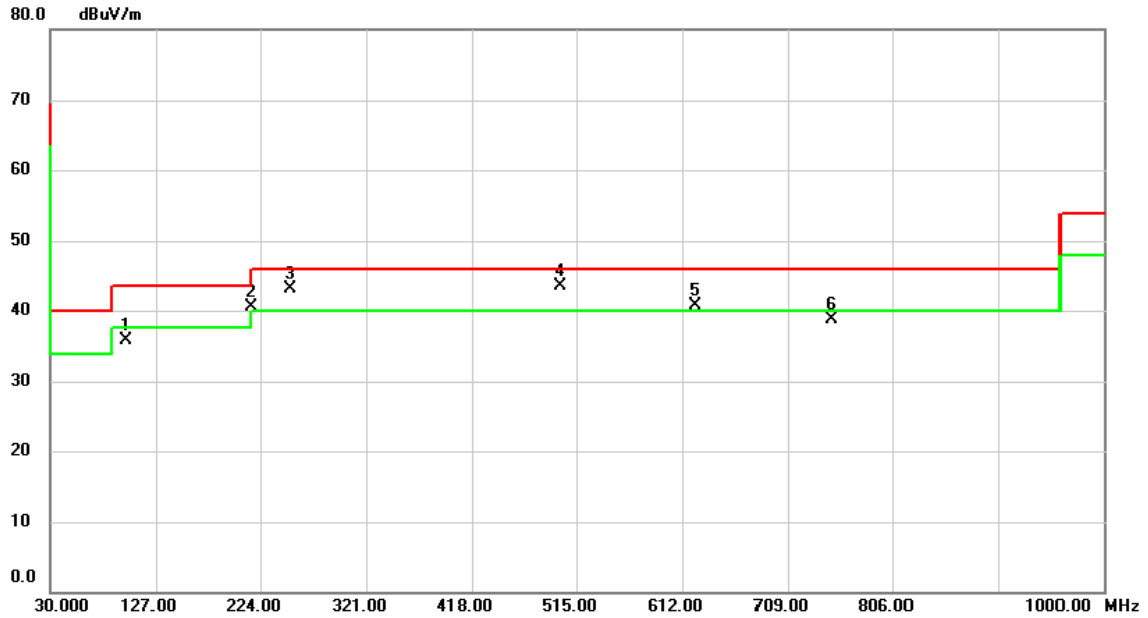
# Vertical



| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit  | Margin |          |         |
|-----|-----|----------|---------------|----------------|--------------|--------|--------|----------|---------|
|     |     | MHz      | dBuV          | dB             | dBuV/m       | dBuV/m | dB     | Detector | Comment |
| 1   | !   | 138.6400 | 47.80         | -8.77          | 39.03        | 43.50  | -4.47  | peak     |         |
| 2   | !   | 279.2900 | 51.08         | -7.98          | 43.10        | 46.00  | -2.90  | peak     |         |
| 3   | !   | 433.5200 | 45.70         | -3.98          | 41.72        | 46.00  | -4.28  | peak     |         |
| 4   | *   | 500.4500 | 45.99         | -2.64          | 43.35        | 46.00  | -2.65  | peak     |         |
| 5   | !   | 624.6100 | 41.64         | -0.02          | 41.62        | 46.00  | -4.38  | peak     |         |
| 6   |     | 749.7400 | 37.19         | 2.33           | 39.52        | 46.00  | -6.48  | peak     |         |

Test Mode: TX Mode-20MHZ

### Horizontal

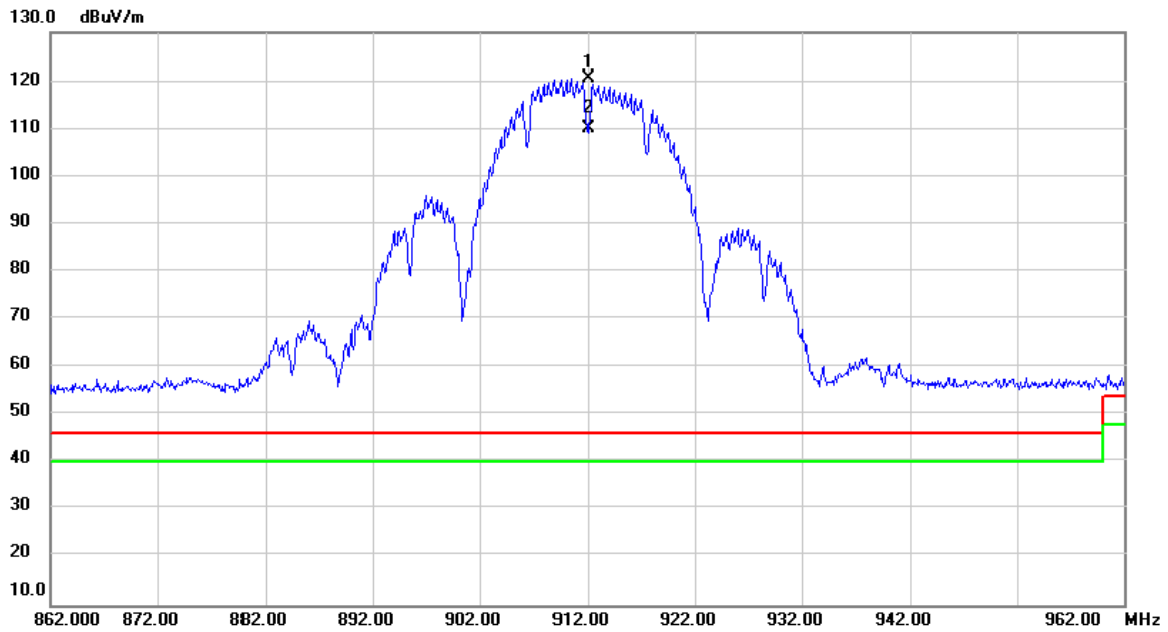


| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit  | Margin |          |         |
|-----|-----|----------|---------------|----------------|--------------|--------|--------|----------|---------|
|     |     | MHz      | dBuV          | dB             | dBuV/m       | dBuV/m | dB     | Detector | Comment |
| 1   |     | 99.8400  | 48.44         | -12.70         | 35.74        | 43.50  | -7.76  | peak     |         |
| 2   | !   | 215.2700 | 51.32         | -10.88         | 40.44        | 43.50  | -3.06  | peak     |         |
| 3   | !   | 252.1300 | 52.31         | -9.11          | 43.20        | 46.00  | -2.80  | peak     |         |
| 4   | *   | 500.4500 | 46.11         | -2.64          | 43.47        | 46.00  | -2.53  | peak     |         |
| 5   | !   | 624.6100 | 40.80         | -0.02          | 40.78        | 46.00  | -5.22  | peak     |         |
| 6   |     | 749.7400 | 36.47         | 2.33           | 38.80        | 46.00  | -7.20  | peak     |         |

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

|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX B-20MHZ MODE 912 MHz |

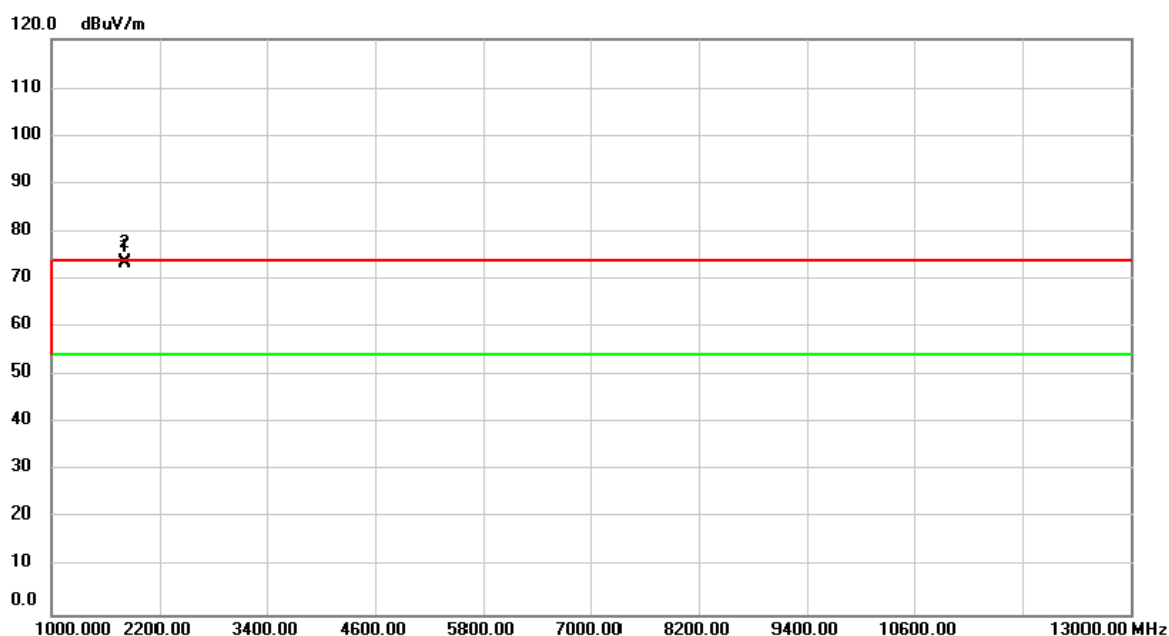
## Vertical



| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Margin |          |          |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|----------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector | Comment  |
| 1   | *   | 912.0000 | 88.67         | 31.79          | 120.46      | 46.00  | 74.46  | peak     | No Limit |
| 2   | X   | 912.0000 | 78.30         | 31.79          | 110.09      | 46.00  | 64.09  | AVG      | No Limit |

|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX B-20MHZ MODE 912 MHz |

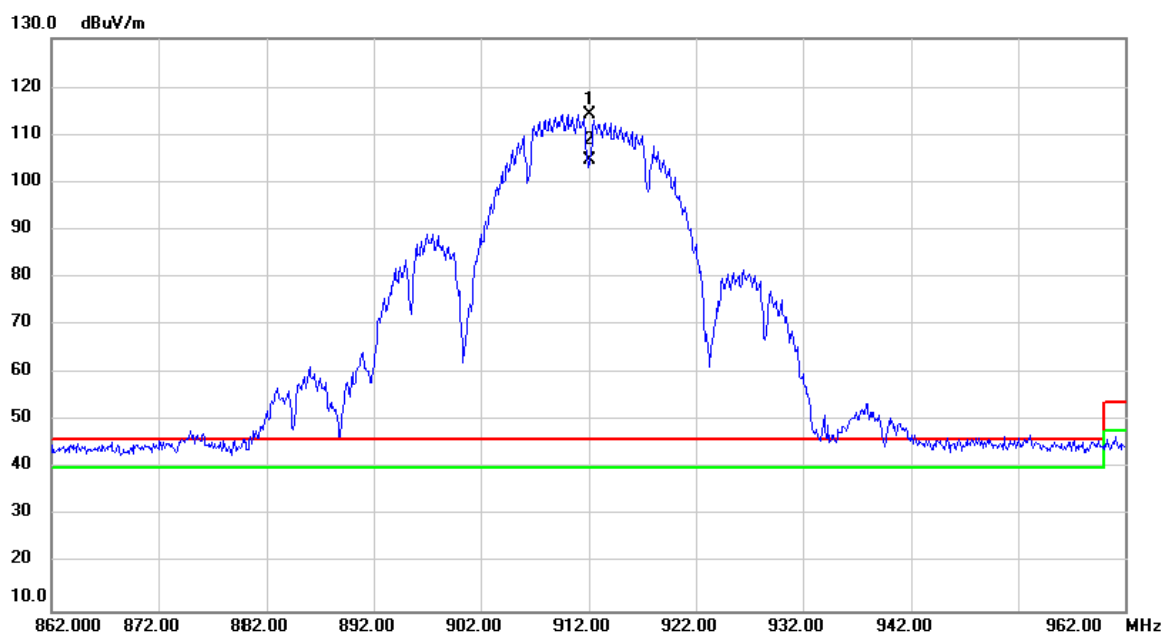
### Vertical



| 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   |     | 1824.000     | 92.17                    | -18.62                  | 73.55                      | 100.46          | -26.91       | peak     |         |
| 2   | *   | 1824.000     | 91.89                    | -18.62                  | 73.27                      | 90.09           | -16.82       | AVG      |         |

|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX B-20MHZ MODE 912 MHz |

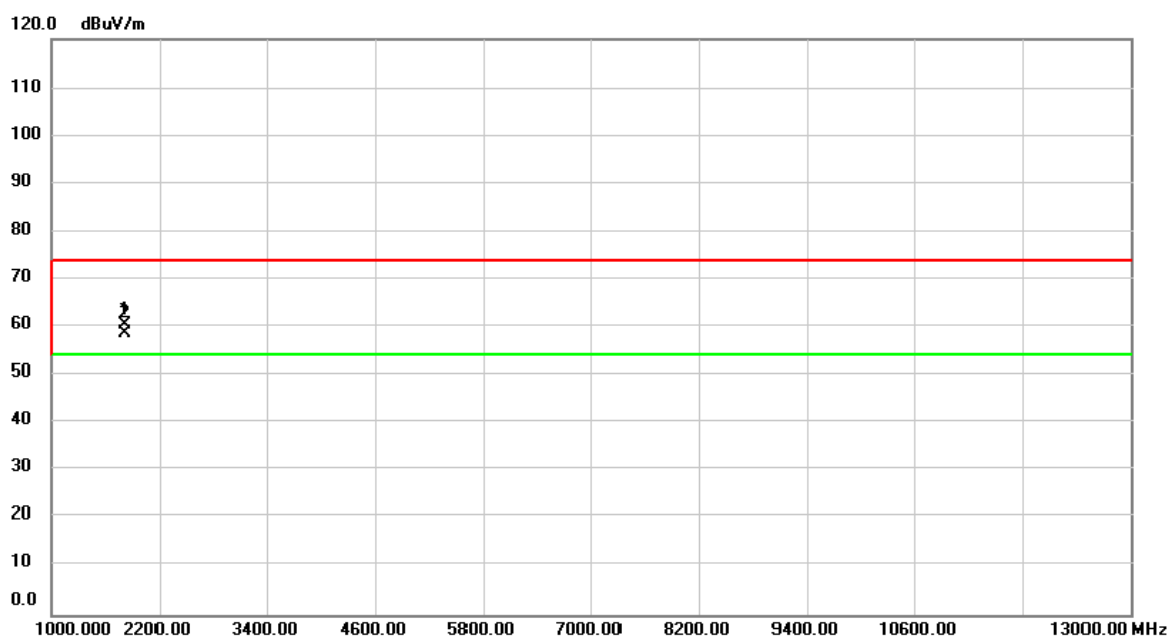
### Horizontal



| 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   | *   | 912.0000     | 82.58                    | 31.79                   | 114.37                     | 46.00           | 68.37        | peak     | No Limit |
| 2   | X   | 912.0000     | 72.77                    | 31.79                   | 104.56                     | 46.00           | 58.56        | AVG      | No Limit |

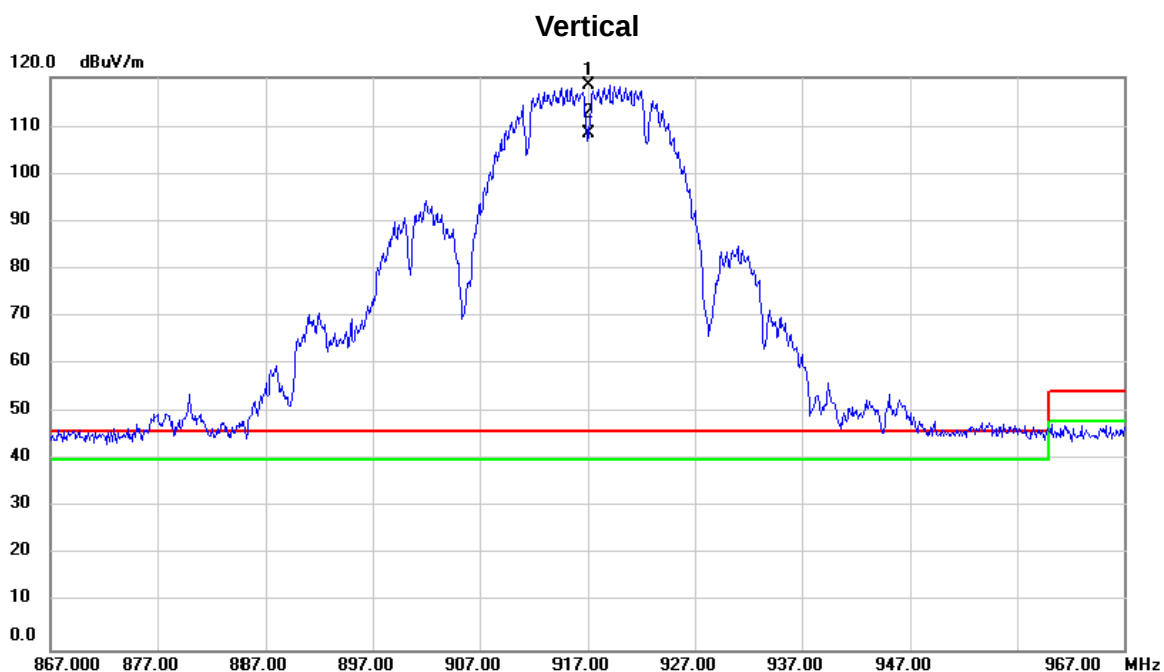
|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX B-20MHZ MODE 912 MHz |

### 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   |     | 1824.000     | 78.97                    | -18.62                  | 60.35                      | 94.37           | -34.02       | peak     |         |
| 2   | *   | 1824.000     | 77.40                    | -18.62                  | 58.78                      | 84.56           | -25.78       | AVG      |         |

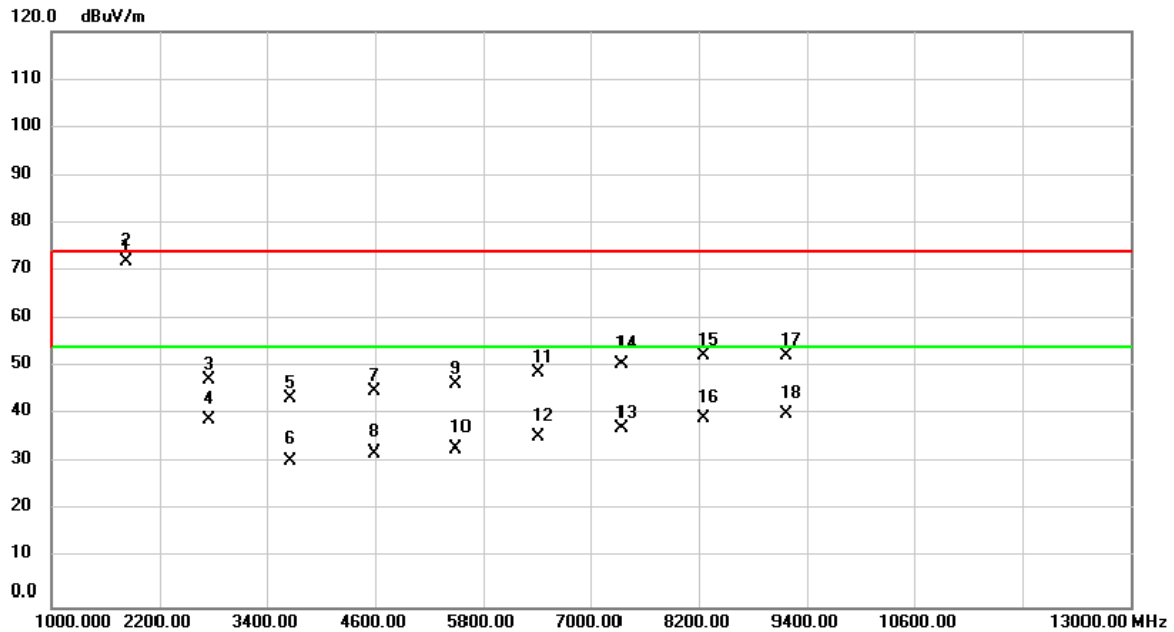
|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX B-20MHZ MODE 917 MHz |



| 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   | *   | 917.0000     | 86.54                    | 31.86                   | 118.40                     | 46.00           | 72.40        | peak     | No Limit |
| 2   | X   | 917.0000     | 76.63                    | 31.86                   | 108.49                     | 46.00           | 62.49        | AVG      | No Limit |

|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX B-20MHZ MODE 917 MHz |

### Vertical



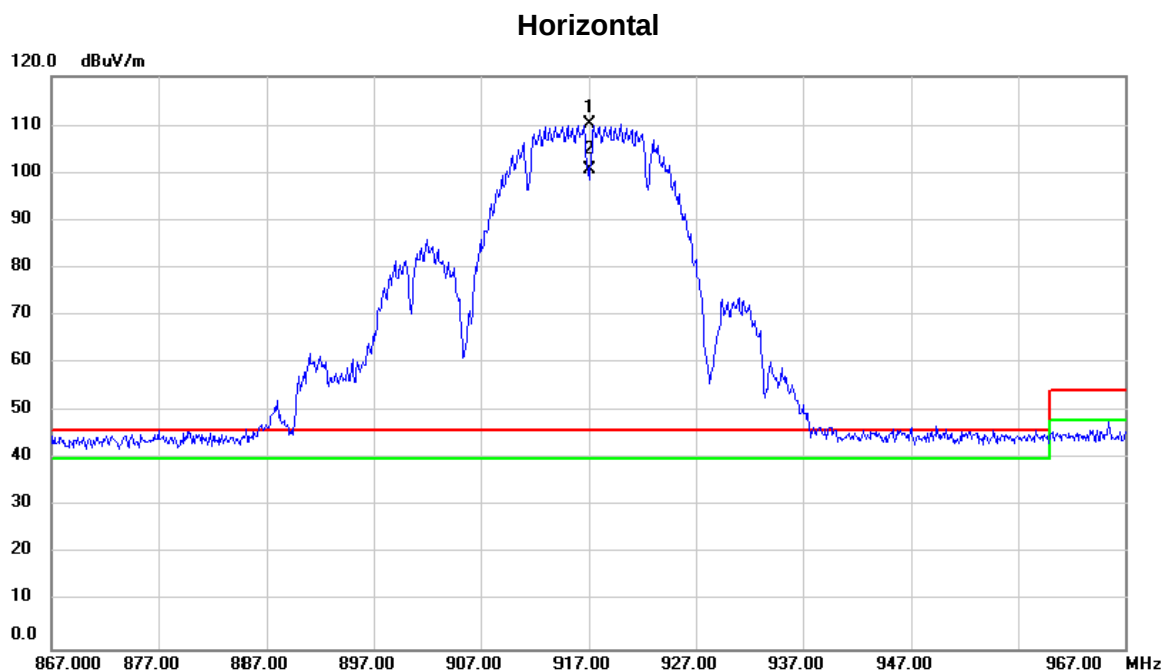
| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|--------------|----------|---------|
| 1   |     | 1833.900     | 90.48                    | -18.58                  | 71.90                      | 98.40           | -26.5        | peak     |         |
| 2   | *   | 1833.900     | 90.45                    | -18.58                  | 71.87                      | 88.49           | -16.62       | AVG      |         |
| 3   |     | 2751.000     | 62.11                    | -14.85                  | 47.26                      | 74.00           | -26.74       | peak     |         |
| 4   |     | 2751.000     | 53.69                    | -14.85                  | 38.84                      | 54.00           | -15.16       | AVG      |         |
| 5   |     | 3668.000     | 56.25                    | -12.90                  | 43.35                      | 74.00           | -30.65       | peak     |         |
| 6   |     | 3668.000     | 43.49                    | -12.90                  | 30.59                      | 54.00           | -23.41       | AVG      |         |
| 7   |     | 4585.000     | 55.57                    | -10.86                  | 44.71                      | 74.00           | -29.29       | peak     |         |
| 8   |     | 4585.000     | 42.95                    | -10.86                  | 32.09                      | 54.00           | -21.91       | AVG      |         |
| 9   |     | 5502.000     | 55.99                    | -9.79                   | 46.20                      | 98.40           | -52.20       | peak     |         |
| 10  |     | 5502.000     | 42.74                    | -9.79                   | 32.95                      | 88.49           | -55.54       | AVG      |         |
| 11  |     | 6419.000     | 55.39                    | -6.67                   | 48.72                      | 98.40           | -49.68       | peak     |         |
| 12  |     | 6419.000     | 41.85                    | -6.67                   | 35.18                      | 88.49           | -53.31       | AVG      |         |
| 13  |     | 7336.000     | 41.03                    | -3.85                   | 37.18                      | 74.00           | -36.82       | peak     |         |

|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX B-20MHZ MODE 917 MHz |

### Vertical

| No. Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Margin |          |         |
|---------|----------|---------------|----------------|-------------|--------|--------|----------|---------|
|         | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector | Comment |
| 14      | 7336.000 | 54.38         | -3.85          | 50.53       | 54.00  | -3.47  | AVG      |         |
| 15      | 8253.000 | 53.24         | -0.98          | 52.26       | 74.00  | -21.74 | peak     |         |
| 16      | 8253.000 | 40.22         | -0.98          | 39.24       | 54.00  | -14.76 | AVG      |         |
| 17      | 9170.000 | 51.72         | 0.61           | 52.33       | 74.00  | -21.67 | peak     |         |
| 18      | 9170.000 | 39.48         | 0.61           | 40.09       | 54.00  | -13.91 | AVG      |         |

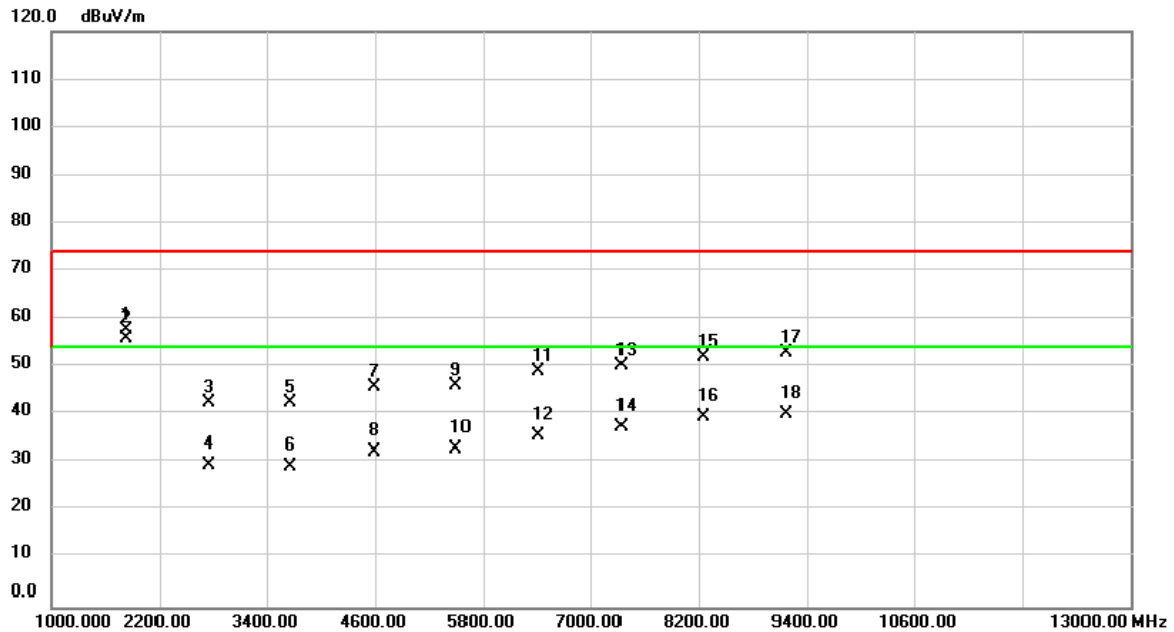
|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX B-20MHZ MODE 917 MHz |



| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Margin |          |          |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|----------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector | Comment  |
| 1   | *   | 917.0000 | 78.52         | 31.86          | 110.38      | 46.00  | 64.38  | peak     | No Limit |
| 2   | X   | 917.0000 | 68.89         | 31.86          | 100.75      | 46.00  | 54.75  | AVG      | No Limit |

|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX B-20MHZ MODE 917 MHz |

### Horizontal



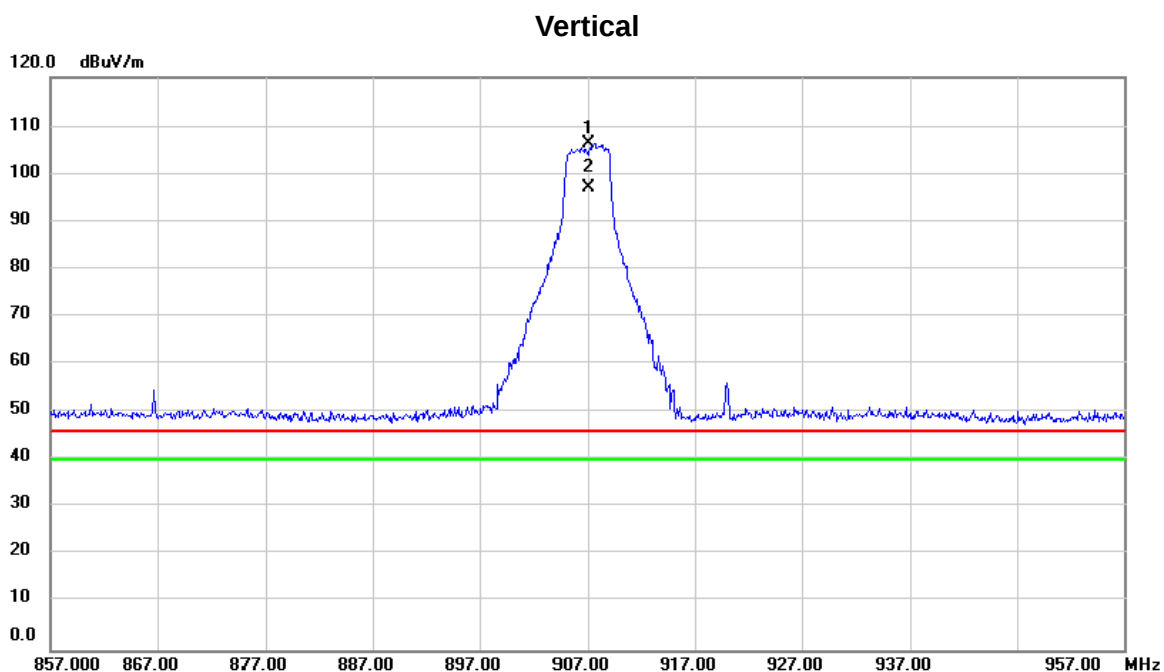
| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|--------------|----------|---------|
| 1   |     | 1834.000     | 76.31                    | -18.58                  | 57.73                      | 90.38           | -32.65       | peak     |         |
| 2   | *   | 1834.000     | 74.40                    | -18.58                  | 55.82                      | 80.75           | -24.93       | AVG      |         |
| 3   |     | 2751.000     | 57.40                    | -14.85                  | 42.55                      | 74.00           | -31.45       | peak     |         |
| 4   |     | 2751.000     | 44.48                    | -14.85                  | 29.63                      | 54.00           | -24.37       | AVG      |         |
| 5   |     | 3668.000     | 55.22                    | -12.90                  | 42.32                      | 74.00           | -31.68       | peak     |         |
| 6   |     | 3668.000     | 42.09                    | -12.90                  | 29.19                      | 54.00           | -24.81       | AVG      |         |
| 7   |     | 4585.000     | 56.56                    | -10.86                  | 45.70                      | 74.00           | -28.30       | peak     |         |
| 8   |     | 4585.000     | 43.25                    | -10.86                  | 32.39                      | 54.00           | -21.61       | AVG      |         |
| 9   |     | 5502.000     | 55.73                    | -9.79                   | 45.94                      | 90.38           | -44.47       | peak     |         |
| 10  |     | 5502.000     | 42.70                    | -9.79                   | 32.91                      | 80.75           | -47.84       | AVG      |         |
| 11  |     | 6419.000     | 55.65                    | -6.67                   | 48.98                      | 90.38           | -41.40       | peak     |         |
| 12  |     | 6419.000     | 42.08                    | -6.67                   | 35.41                      | 80.75           | -45.34       | AVG      |         |
| 13  |     | 7336.000     | 54.22                    | -3.85                   | 50.37                      | 74.00           | -23.63       | peak     |         |

|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX B-20MHZ MODE 917 MHz |

### Horizontal

| No. Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Margin |          |         |
|---------|----------|---------------|----------------|-------------|--------|--------|----------|---------|
|         | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector | Comment |
| 14      | 7336.000 | 41.15         | -3.85          | 37.30       | 54.00  | -16.70 | AVG      |         |
| 15      | 8253.000 | 53.03         | -0.98          | 52.05       | 74.00  | -21.95 | peak     |         |
| 16      | 8253.000 | 40.31         | -0.98          | 39.33       | 54.00  | -14.67 | AVG      |         |
| 17      | 9170.000 | 52.24         | 0.61           | 52.85       | 74.00  | -21.15 | peak     |         |
| 18      | 9170.000 | 39.58         | 0.61           | 40.19       | 54.00  | -13.81 | AVG      |         |

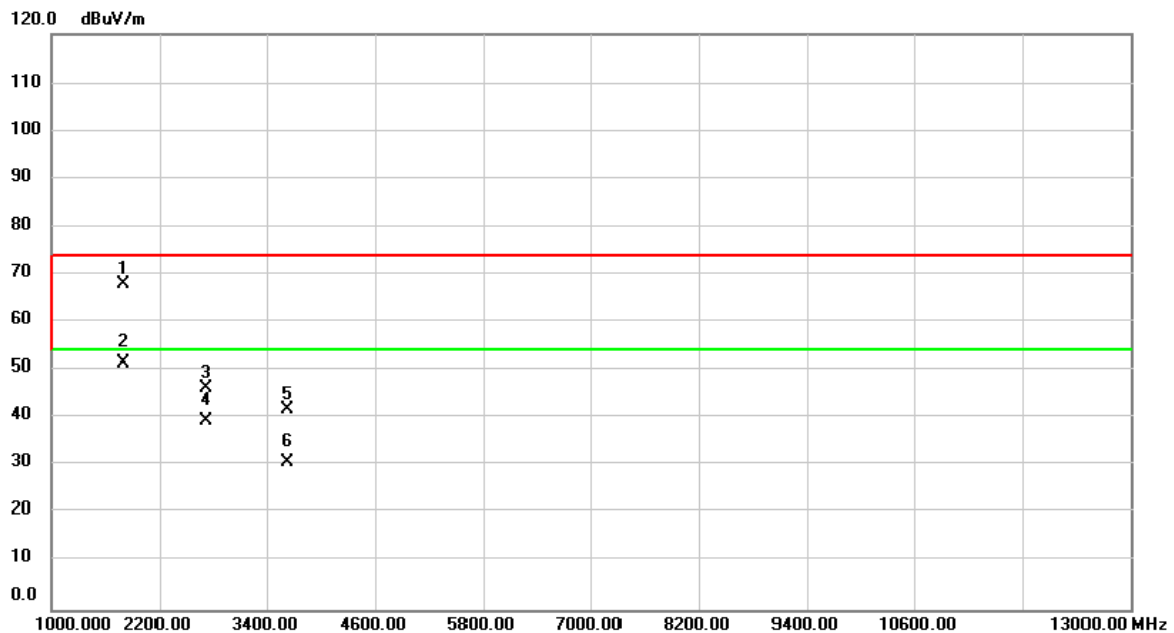
|                   |                        |
|-------------------|------------------------|
| Orthogonal Axis : | X                      |
| Test Mode :       | TX G-5MHZ MODE 907 MHz |



| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Margin |          |          |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|----------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector | Comment  |
| 1   | *   | 907.0000 | 83.20         | 23.19          | 106.39      | 46.00  | 60.39  | peak     | No Limit |
| 2   | X   | 907.0000 | 73.93         | 23.19          | 97.12       | 46.00  | 51.12  | AVG      | No Limit |

|                   |                        |
|-------------------|------------------------|
| Orthogonal Axis : | X                      |
| Test Mode :       | TX G-5MHZ MODE 907 MHz |

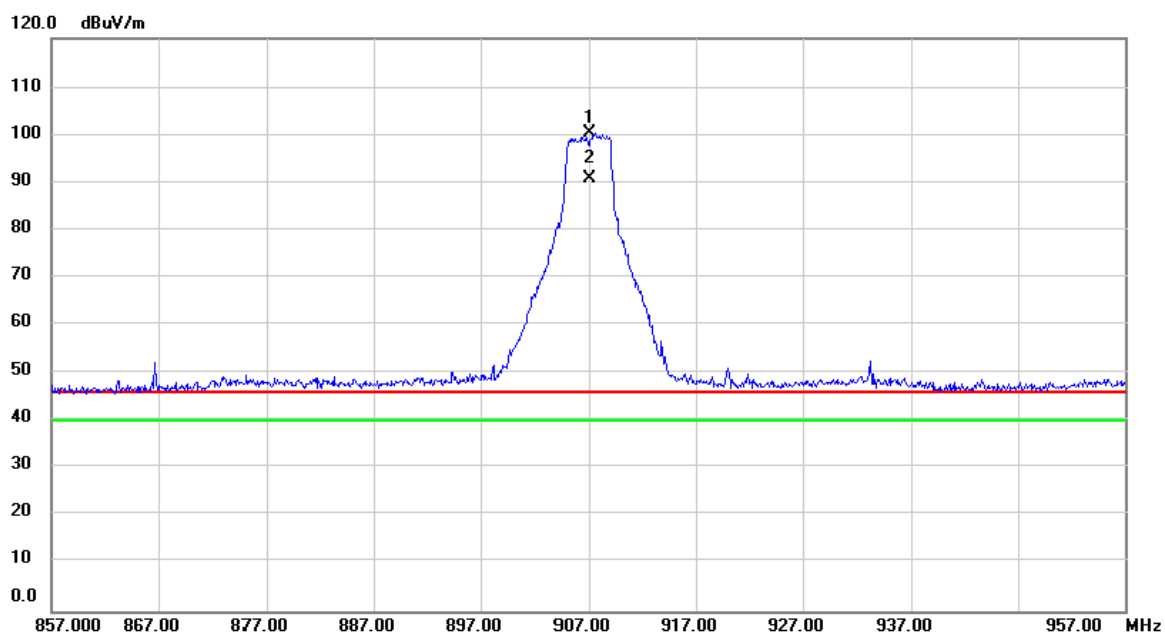
### Vertical



| 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   |     | 1814.000     | 86.64                    | -18.64                  | 68.00                      | 86.39           | -18.36       | peak     |         |
| 2   | *   | 1814.000     | 70.13                    | -18.64                  | 51.49                      | 77.12           | -25.63       | AVG      |         |
| 3   |     | 2721.000     | 61.17                    | -14.97                  | 46.20                      | 74.00           | -27.80       | peak     |         |
| 4   |     | 2721.000     | 54.48                    | -14.97                  | 39.51                      | 54.00           | -14.49       | AVG      |         |
| 5   |     | 3628.000     | 54.80                    | -13.04                  | 41.76                      | 74.00           | -32.24       | peak     |         |
| 6   |     | 3628.000     | 43.74                    | -13.04                  | 30.70                      | 54.00           | -23.30       | AVG      |         |

|                   |                        |
|-------------------|------------------------|
| Orthogonal Axis : | X                      |
| Test Mode :       | TX G-5MHZ MODE 907 MHz |

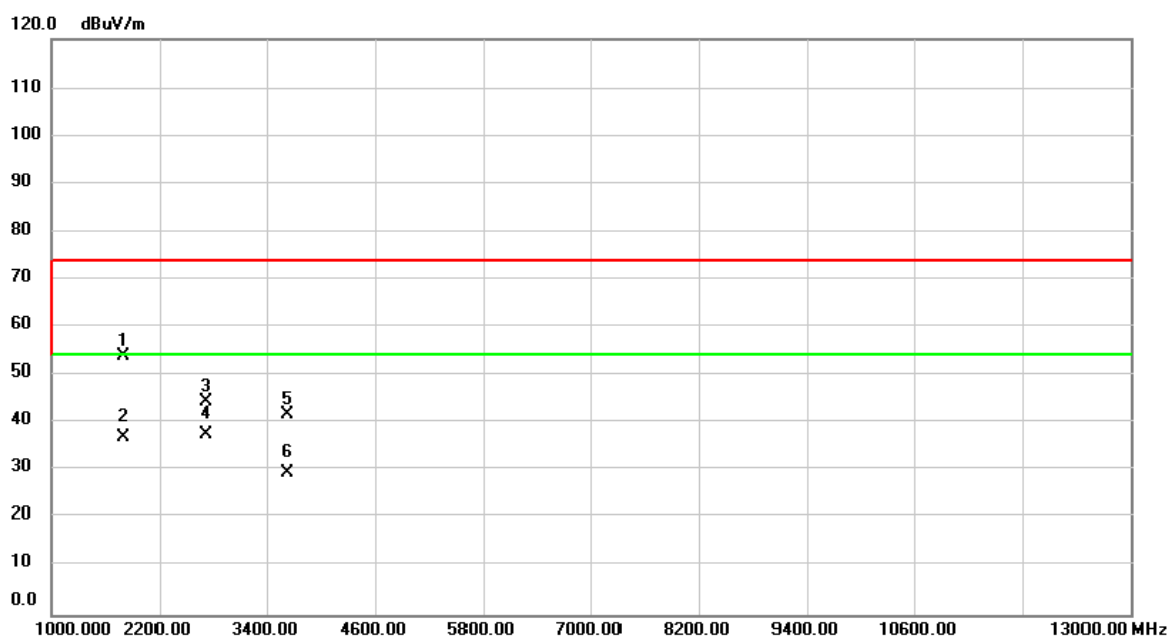
### Horizontal



| 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   | *   | 907.0000     | 75.96                    | 24.28                   | 100.24                     | 46.00           | 54.24        | peak     | No Limit |
| 2   | X   | 907.0000     | 66.52                    | 24.28                   | 90.80                      | 46.00           | 44.80        | AVG      | No Limit |

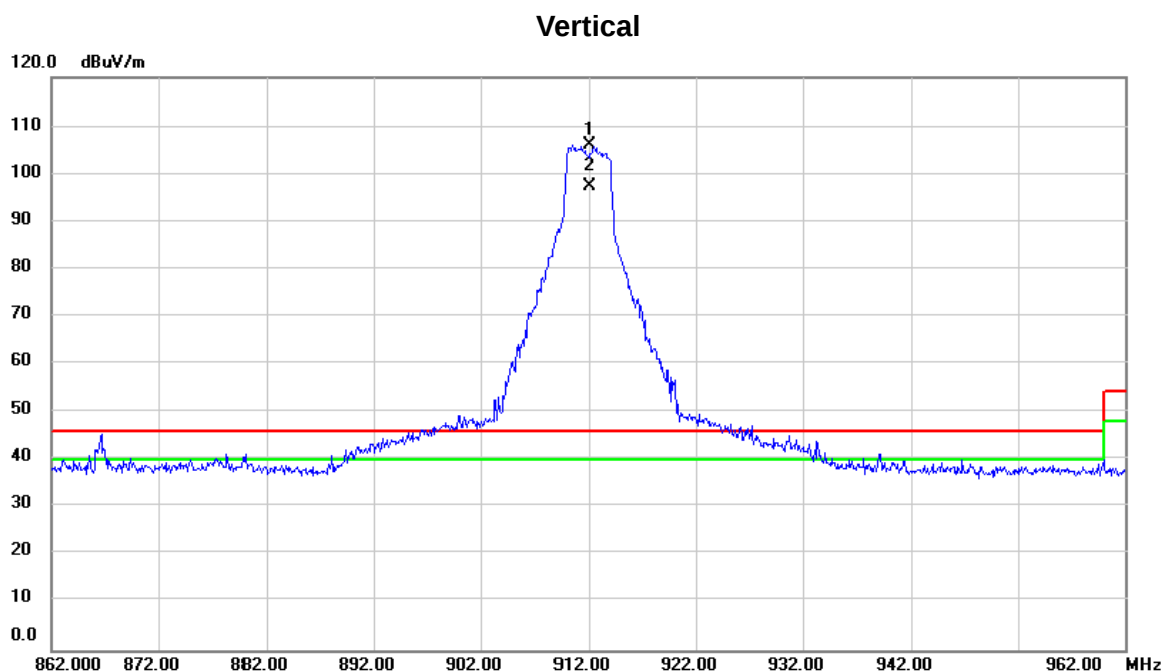
|                   |                        |
|-------------------|------------------------|
| Orthogonal Axis : | X                      |
| Test Mode :       | TX G-5MHZ MODE 907 MHz |

### 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   |     | 1814.000     | 72.35                    | -18.64                  | 53.71                      | 80.24           | -26.53       | peak     |         |
| 2   |     | 1814.000     | 55.79                    | -18.64                  | 37.15                      | 70.80           | -33.65       | AVG      |         |
| 3   |     | 2721.000     | 59.39                    | -14.97                  | 44.42                      | 74.00           | -29.58       | peak     |         |
| 4   | *   | 2721.000     | 52.50                    | -14.97                  | 37.53                      | 54.00           | -16.47       | AVG      |         |
| 5   |     | 3628.000     | 54.76                    | -13.04                  | 41.72                      | 74.00           | -32.28       | peak     |         |
| 6   |     | 3628.000     | 42.50                    | -13.04                  | 29.46                      | 54.00           | -24.54       | AVG      |         |

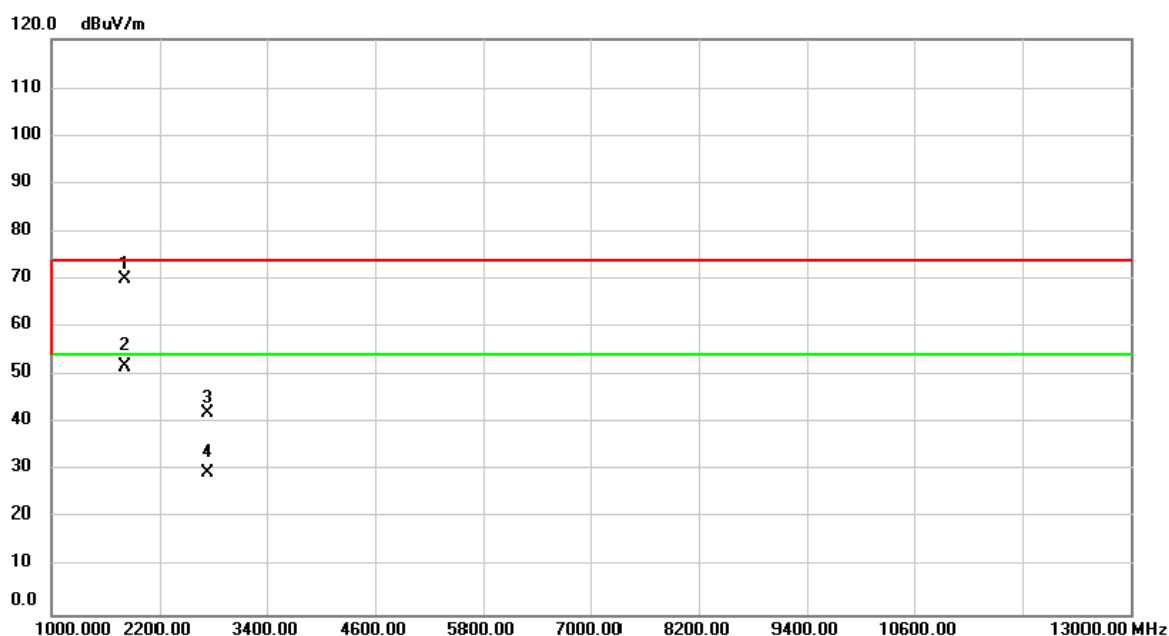
|                   |                        |
|-------------------|------------------------|
| Orthogonal Axis : | X                      |
| Test Mode :       | TX G-5MHZ MODE 912 MHz |



| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Margin |          |          |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|----------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector | Comment  |
| 1   | *   | 912.0000 | 83.11         | 22.98          | 106.09      | 46.00  | 60.09  | peak     | No Limit |
| 2   | X   | 912.0000 | 74.27         | 22.98          | 97.25       | 46.00  | 51.25  | AVG      | No Limit |

|                   |                        |
|-------------------|------------------------|
| Orthogonal Axis : | X                      |
| Test Mode :       | TX G-5MHZ MODE 912 MHz |

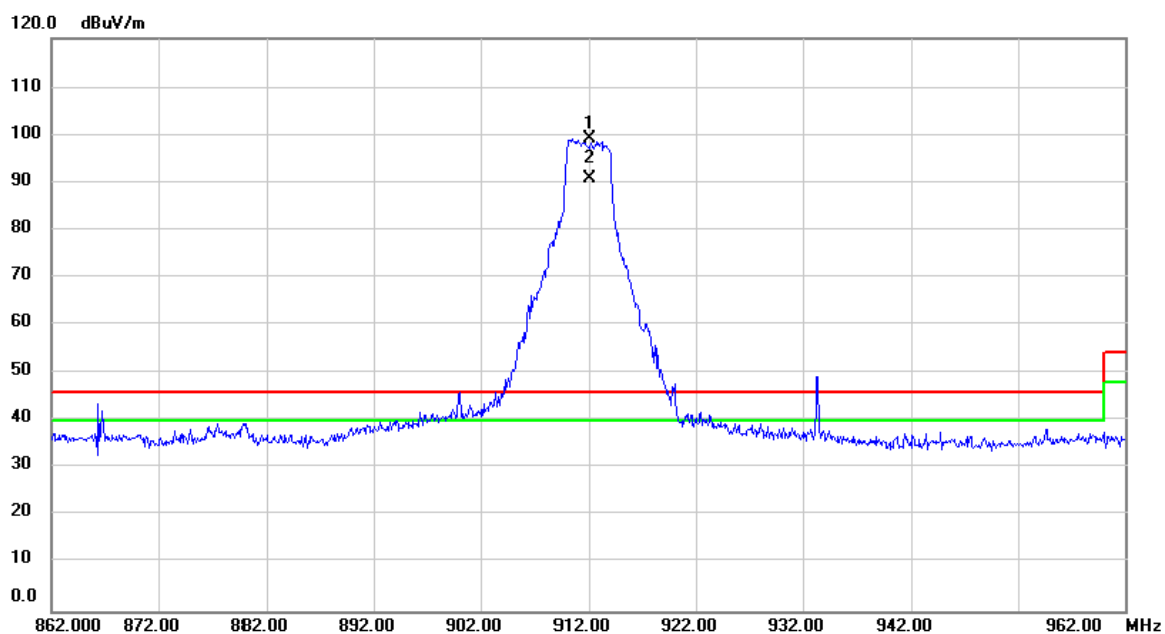
### Vertical



| 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   |     | 1824.000     | 88.62                    | -18.62                  | 70.00                      | 86.09           | -16.09       | peak     |         |
| 2   | *   | 1824.000     | 70.28                    | -18.62                  | 51.66                      | 77.25           | -25.59       | AVG      |         |
| 3   |     | 2736.000     | 57.01                    | -14.91                  | 42.10                      | 74.00           | -31.90       | peak     |         |
| 4   |     | 2736.000     | 44.33                    | -14.91                  | 29.42                      | 54.00           | -24.58       | AVG      |         |

|                   |                        |
|-------------------|------------------------|
| Orthogonal Axis : | X                      |
| Test Mode :       | TX G-5MHZ MODE 912 MHz |

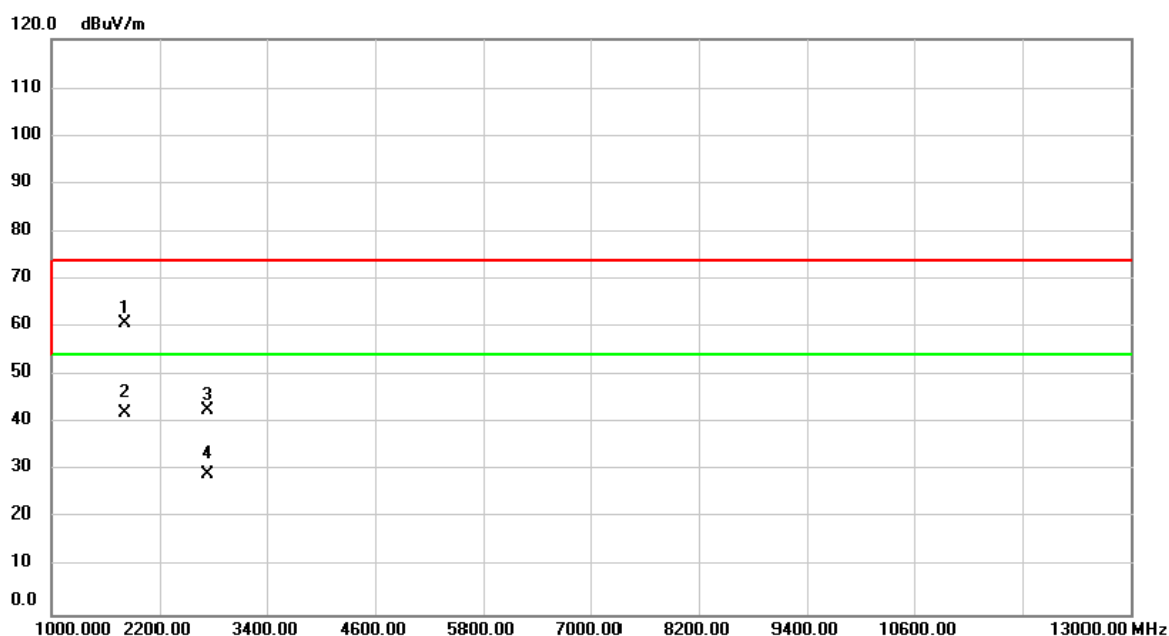
### Horizontal



| 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   | *   | 912.0000     | 74.93                    | 24.10                   | 99.03                      | 46.00           | 53.03        | peak     | No Limit |
| 2   | X   | 912.0000     | 66.59                    | 24.10                   | 90.69                      | 46.00           | 44.69        | AVG      | No Limit |

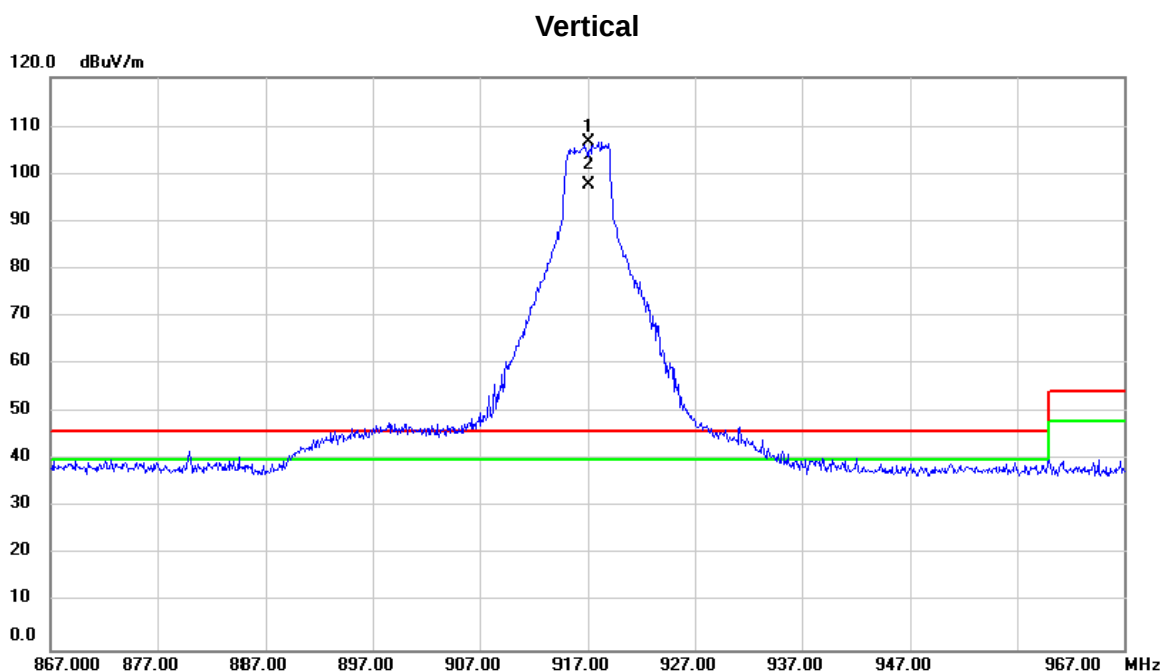
|                   |                        |
|-------------------|------------------------|
| Orthogonal Axis : | X                      |
| Test Mode :       | TX G-5MHZ MODE 912 MHz |

### 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   |     | 1824.000     | 79.38                    | -18.62                  | 60.76                      | 79.03           | -18.27       | peak     |         |
| 2   | *   | 1824.000     | 60.81                    | -18.62                  | 42.19                      | 70.69           | -28.50       | AVG      |         |
| 3   |     | 2736.000     | 57.52                    | -14.91                  | 42.61                      | 74.00           | -31.39       | peak     |         |
| 4   |     | 2736.000     | 44.02                    | -14.91                  | 29.11                      | 54.00           | -24.89       | AVG      |         |

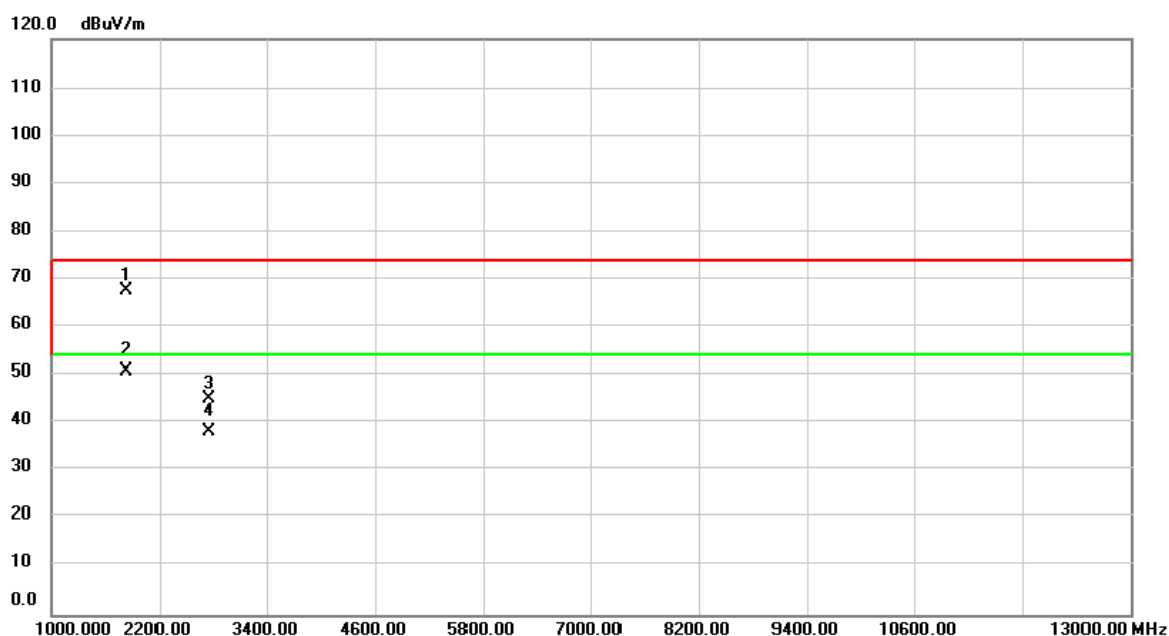
|                   |                        |
|-------------------|------------------------|
| Orthogonal Axis : | X                      |
| Test Mode :       | TX G-5MHZ MODE 917 MHz |



| 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   | *   | 917.0000     | 83.22                    | 23.39                   | 106.61                     | 46.00           | 60.61        | peak     | No Limit |
| 2   | X   | 917.0000     | 74.41                    | 23.39                   | 97.80                      | 46.00           | 51.80        | AVG      | No Limit |

|                   |                        |
|-------------------|------------------------|
| Orthogonal Axis : | X                      |
| Test Mode :       | TX G-5MHZ MODE 917 MHz |

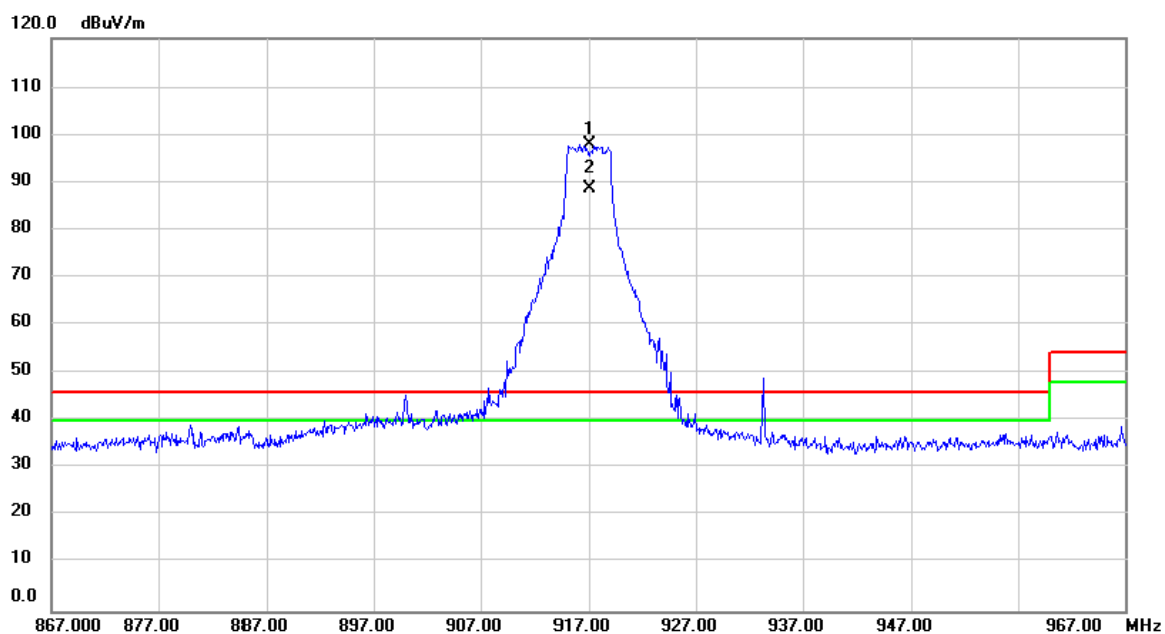
### Vertical



| 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   |     | 1834.000     | 86.38                    | -18.58                  | 67.80                      | 86.61           | -18.81       | peak     |         |
| 2   | *   | 1834.000     | 69.48                    | -18.58                  | 50.90                      | 77.80           | -26.9        | AVG      |         |
| 3   |     | 2751.000     | 59.88                    | -14.85                  | 45.03                      | 74.00           | -28.97       | peak     |         |
| 4   |     | 2751.000     | 53.07                    | -14.85                  | 38.22                      | 54.00           | -15.78       | AVG      |         |

|                   |                        |
|-------------------|------------------------|
| Orthogonal Axis : | X                      |
| Test Mode :       | TX G-5MHZ MODE 917 MHz |

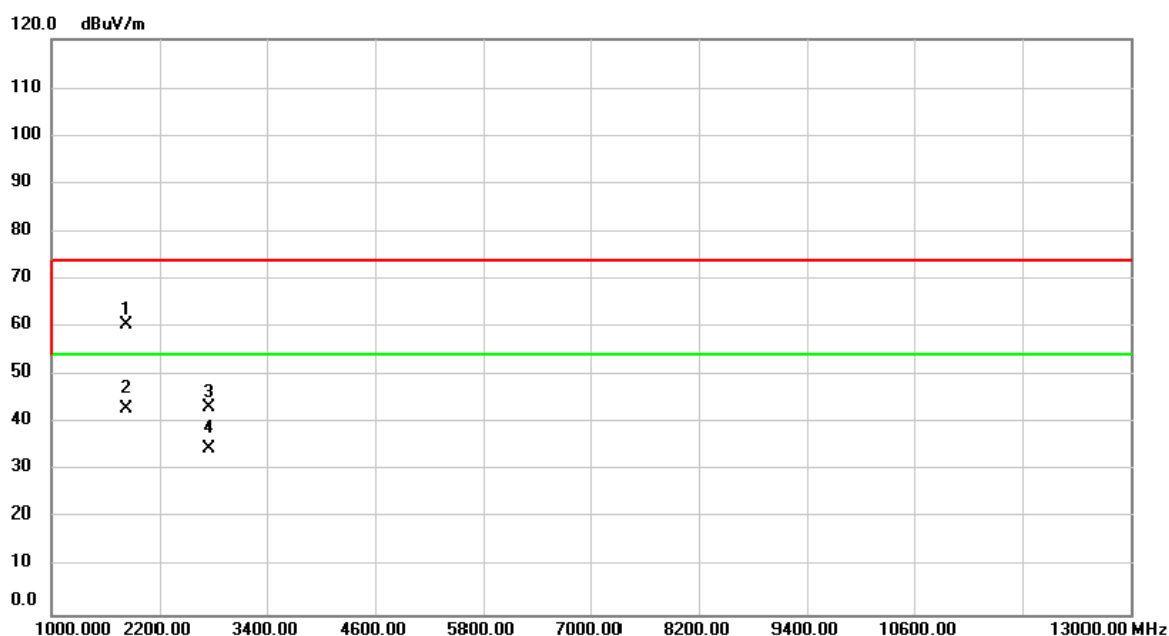
### Horizontal



| 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   | *   | 917.0000     | 74.30                    | 23.67                   | 97.97                      | 46.00           | 51.97        | peak     | No Limit |
| 2   | X   | 917.0000     | 65.10                    | 23.67                   | 88.77                      | 46.00           | 42.77        | AVG      | No Limit |

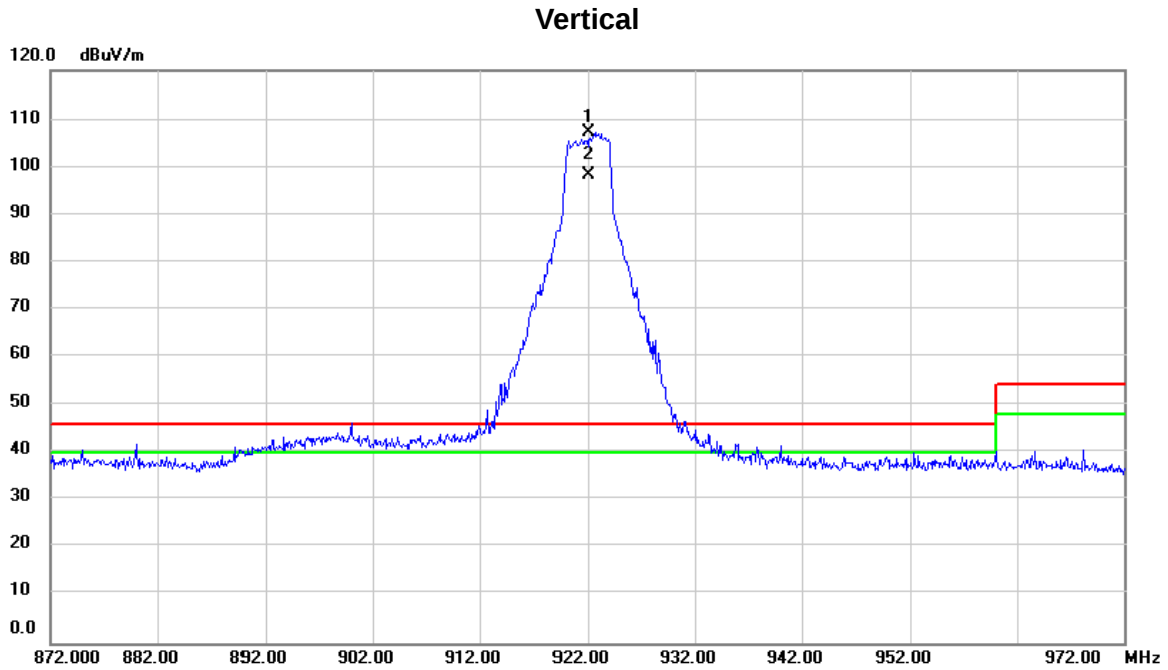
|                   |                        |
|-------------------|------------------------|
| Orthogonal Axis : | X                      |
| Test Mode :       | TX G-5MHZ MODE 917 MHz |

### 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   |     | 1834.000     | 78.91                    | -18.58                  | 60.33                      | 77.97           | -17.64       | peak     |         |
| 2   | *   | 1834.000     | 61.75                    | -18.58                  | 43.17                      | 68.77           | -25.60       | AVG      |         |
| 3   |     | 2751.000     | 58.20                    | -14.85                  | 43.35                      | 74.00           | -30.65       | peak     |         |
| 4   |     | 2751.000     | 49.48                    | -14.85                  | 34.63                      | 54.00           | -19.37       | AVG      |         |

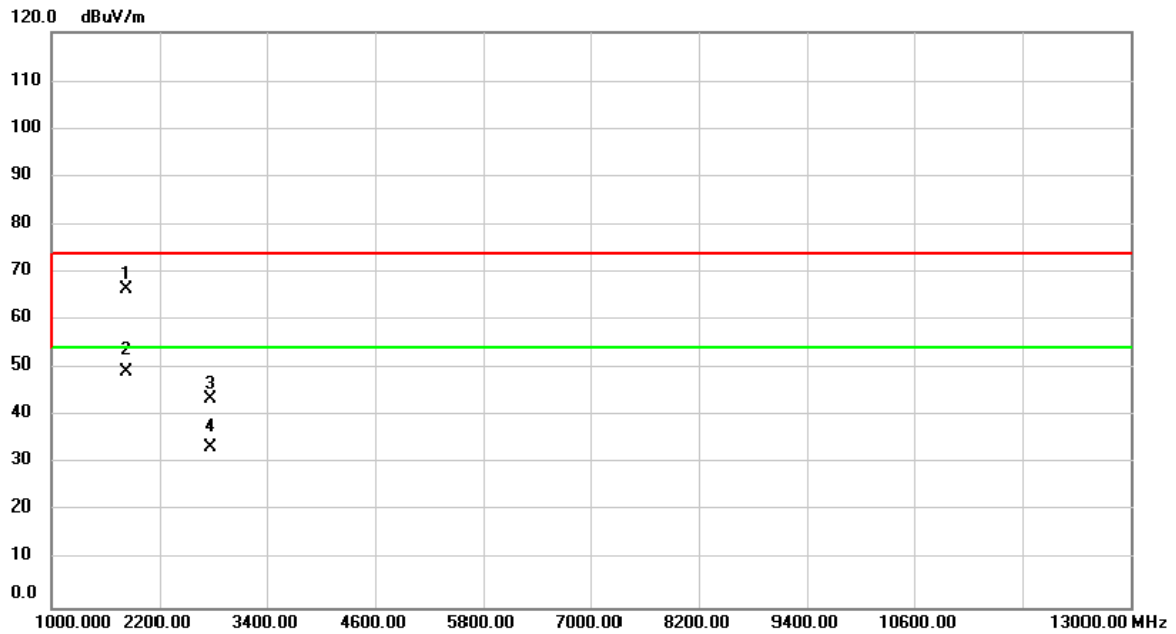
|                   |                        |
|-------------------|------------------------|
| Orthogonal Axis : | X                      |
| Test Mode :       | TX G-5MHZ MODE 922 MHz |



| 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   | *   | 922.0000     | 82.66                    | 24.52                   | 107.18                     | 46.00           | 61.18        | peak     | No Limit |
| 2   | X   | 922.0000     | 73.62                    | 24.52                   | 98.14                      | 46.00           | 52.14        | AVG      | No Limit |

|                   |                        |
|-------------------|------------------------|
| Orthogonal Axis : | X                      |
| Test Mode :       | TX G-5MHZ MODE 922 MHz |

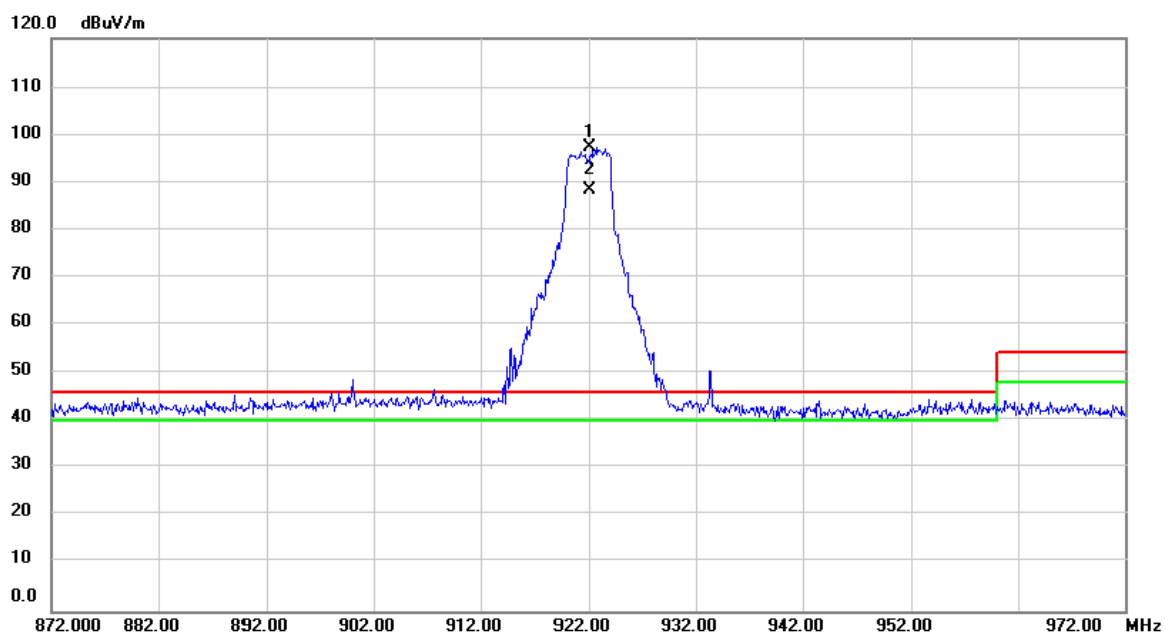
### Vertical



| 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   |     | 1844.000     | 85.16                    | -18.56                  | 66.60                      | 87.18           | -20.58       | peak     |         |
| 2   | *   | 1844.000     | 67.85                    | -18.56                  | 49.29                      | 78.14           | -28.85       | AVG      |         |
| 3   |     | 2766.000     | 58.59                    | -14.79                  | 43.80                      | 74.00           | -30.20       | peak     |         |
| 4   |     | 2766.000     | 48.14                    | -14.79                  | 33.35                      | 54.00           | -20.65       | AVG      |         |

|                   |                        |
|-------------------|------------------------|
| Orthogonal Axis : | X                      |
| Test Mode :       | TX G-5MHZ MODE 922 MHz |

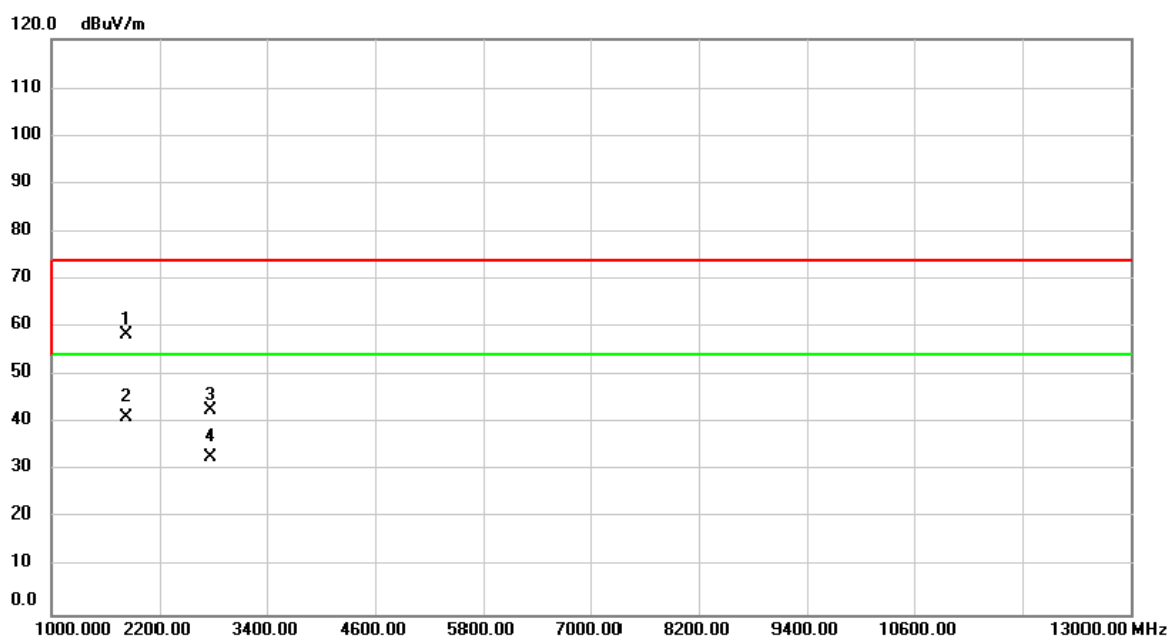
### Horizontal



| 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   | *   | 922.0000     | 74.25                    | 23.09                   | 97.34                      | 46.00           | 51.34        | peak     | No Limit |
| 2   | X   | 922.0000     | 65.17                    | 23.09                   | 88.26                      | 46.00           | 42.26        | AVG      | No Limit |

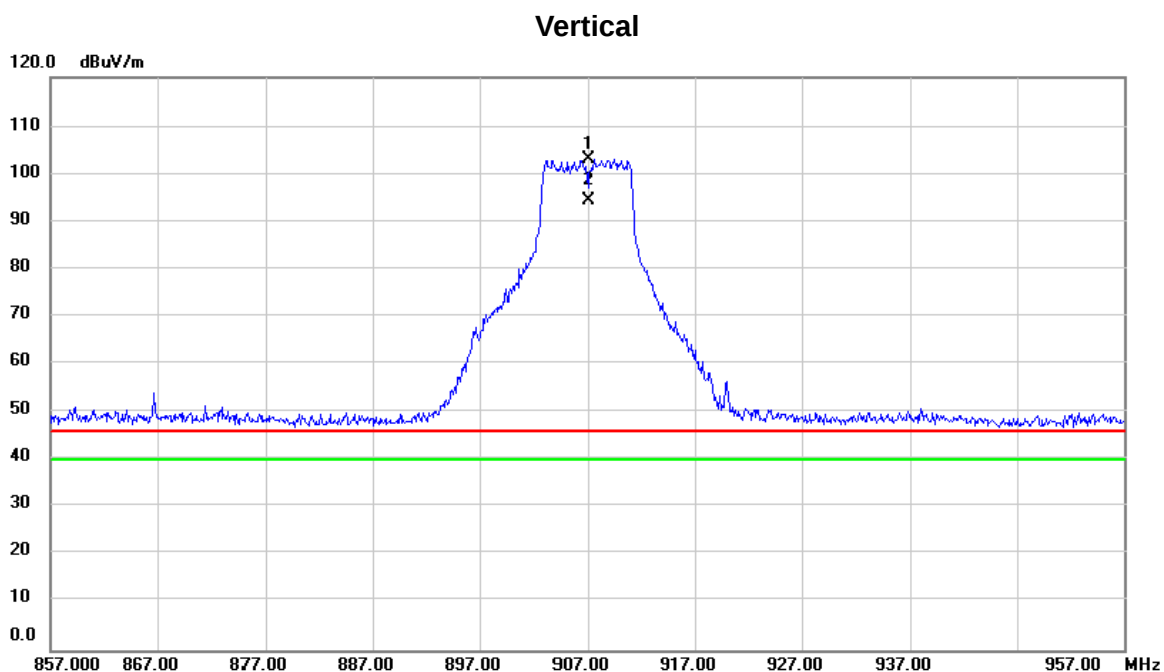
|                   |                        |
|-------------------|------------------------|
| Orthogonal Axis : | X                      |
| Test Mode :       | TX G-5MHZ MODE 922 MHz |

### 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   |     | 1844.000     | 76.90                    | -18.56                  | 58.34                      | 77.34           | -19.00       | peak     |         |
| 2   | *   | 1844.000     | 59.96                    | -18.56                  | 41.40                      | 68.26           | -26.86       | AVG      |         |
| 3   |     | 2766.000     | 57.69                    | -14.79                  | 42.90                      | 74.00           | -31.10       | peak     |         |
| 4   |     | 2766.000     | 47.73                    | -14.79                  | 32.94                      | 54.00           | -21.06       | AVG      |         |

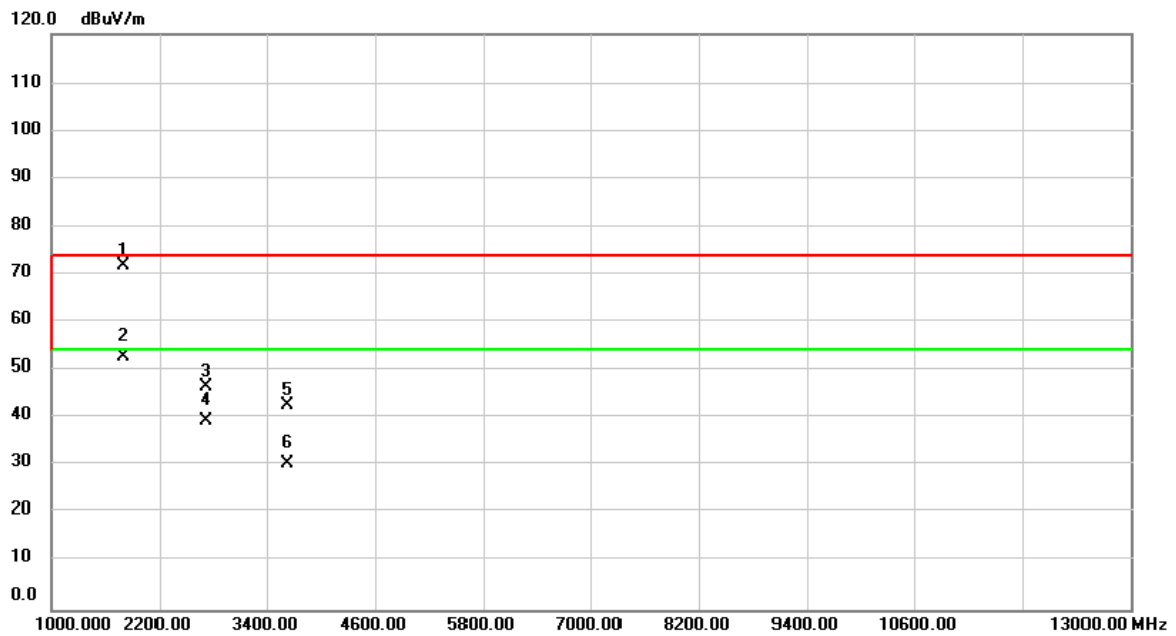
|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX G-10MHZ MODE 907 MHz |



| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Margin |          |          |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|----------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector | Comment  |
| 1   | *   | 907.0000 | 79.93         | 23.19          | 103.12      | 46.00  | 57.12  | peak     | No Limit |
| 2   | X   | 907.0000 | 71.23         | 23.19          | 94.42       | 46.00  | 48.42  | AVG      | No Limit |

|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX G-10MHZ MODE 907 MHz |

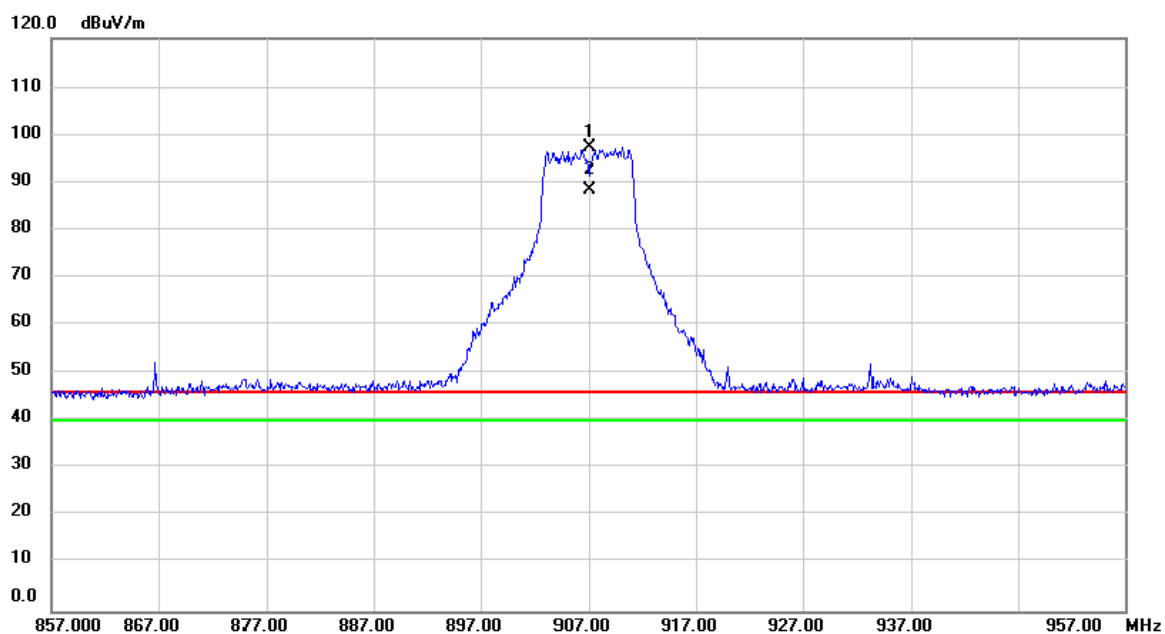
### Vertical



| 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   |     | 1814.000     | 90.48                    | -18.64                  | 71.84                      | 83.12           | -11.28       | peak     |         |
| 2   | *   | 1814.000     | 71.34                    | -18.64                  | 52.70                      | 74.42           | -21.72       | AVG      |         |
| 3   |     | 2721.000     | 61.70                    | -14.97                  | 46.73                      | 74.00           | -27.27       | peak     |         |
| 4   |     | 2721.000     | 54.32                    | -14.97                  | 39.35                      | 54.00           | -14.65       | AVG      |         |
| 5   |     | 3628.000     | 55.69                    | -13.04                  | 42.65                      | 74.00           | -31.35       | peak     |         |
| 6   |     | 3628.000     | 43.58                    | -13.04                  | 30.54                      | 54.00           | -23.46       | AVG      |         |

|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX G-10MHZ MODE 907 MHz |

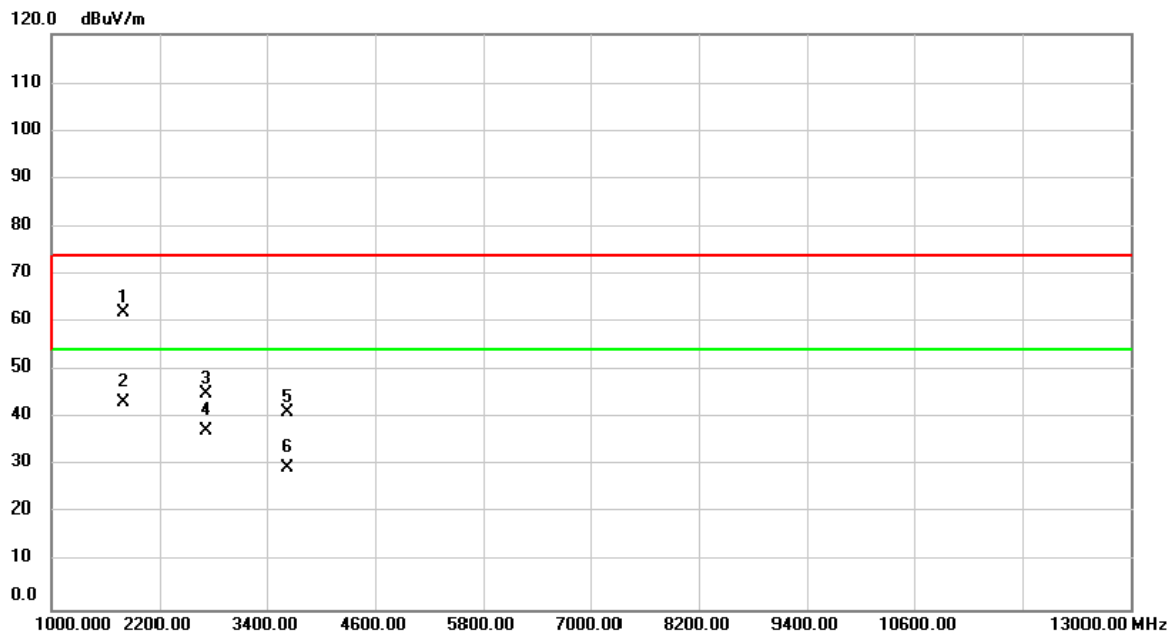
### Horizontal



| 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   | *   | 907.0000     | 72.97                    | 24.28                   | 97.25                      | 46.00           | 51.25        | peak     | No Limit |
| 2   | X   | 907.0000     | 64.17                    | 24.28                   | 88.45                      | 46.00           | 42.45        | AVG      | No Limit |

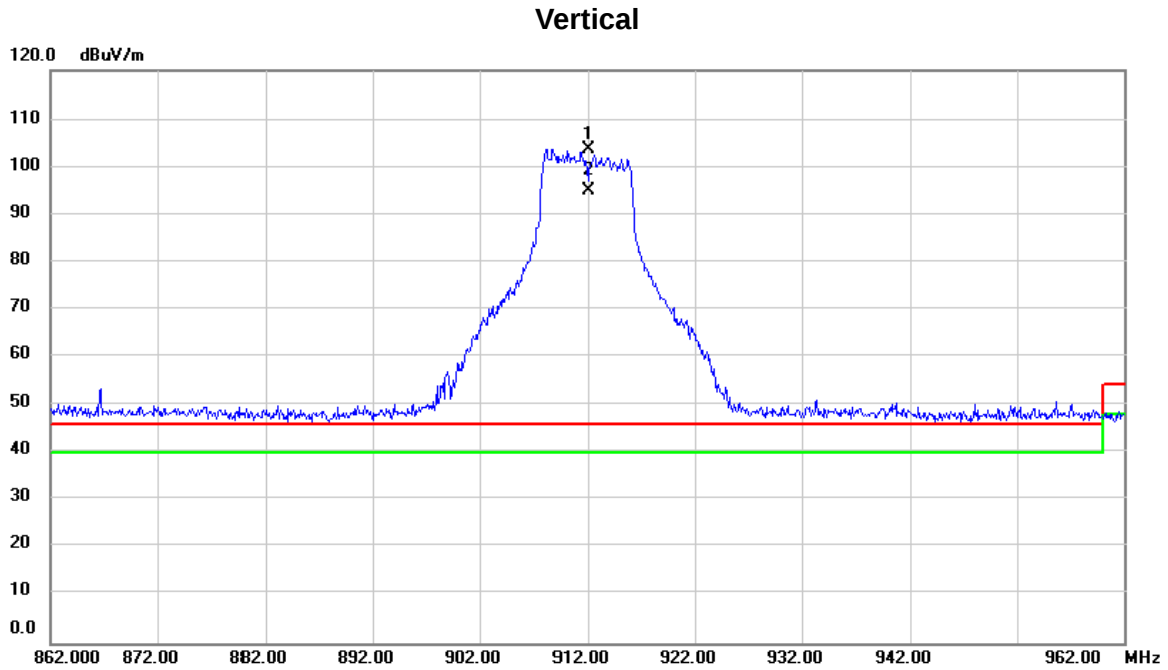
|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX G-10MHZ MODE 907 MHz |

### 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   |     | 1814.000     | 80.62                    | -18.64                  | 61.98                      | 77.25           | -15.27       | peak     |         |
| 2   | *   | 1814.000     | 61.98                    | -18.64                  | 43.34                      | 68.45           | -25.11       | AVG      |         |
| 3   |     | 2721.000     | 60.10                    | -14.97                  | 45.13                      | 74.00           | -28.87       | peak     |         |
| 4   |     | 2721.000     | 52.21                    | -14.97                  | 37.24                      | 54.00           | -16.76       | AVG      |         |
| 5   |     | 3628.000     | 54.15                    | -13.04                  | 41.11                      | 74.00           | -32.89       | peak     |         |
| 6   |     | 3628.000     | 42.54                    | -13.04                  | 29.50                      | 54.00           | -24.50       | AVG      |         |

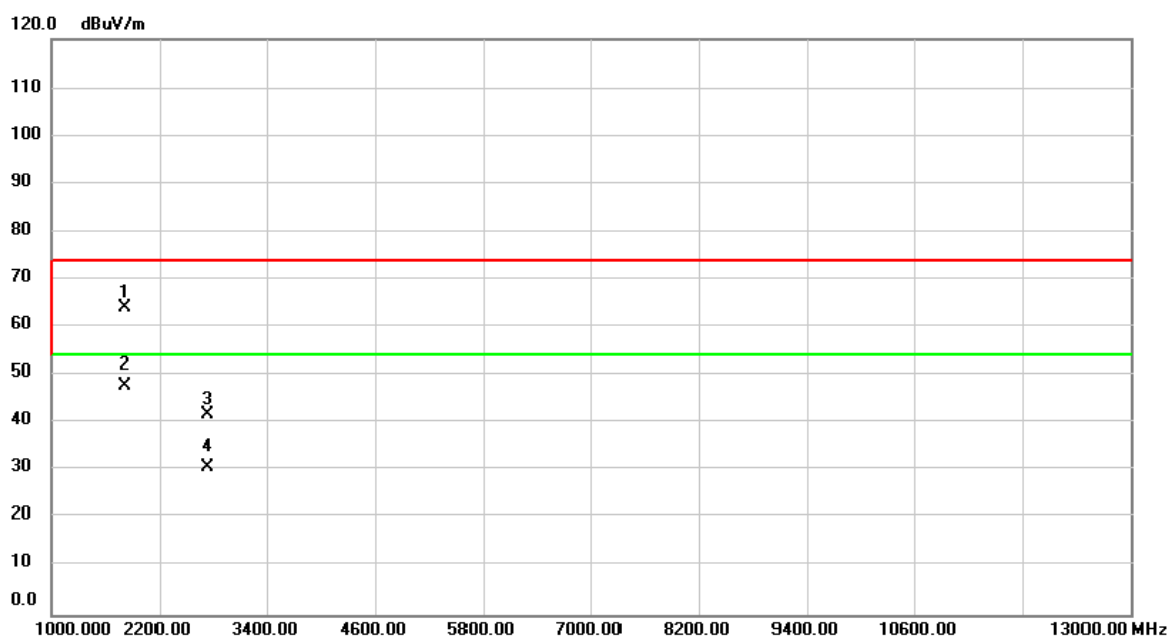
|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX G-10MHZ MODE 912 MHz |



| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Margin |          |          |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|----------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector | Comment  |
| 1   | *   | 912.0000 | 80.76         | 22.98          | 103.74      | 46.00  | 57.74  | peak     | No Limit |
| 2   | X   | 912.0000 | 71.83         | 22.98          | 94.81       | 46.00  | 48.81  | AVG      | No Limit |

|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX G-10MHZ MODE 912 MHz |

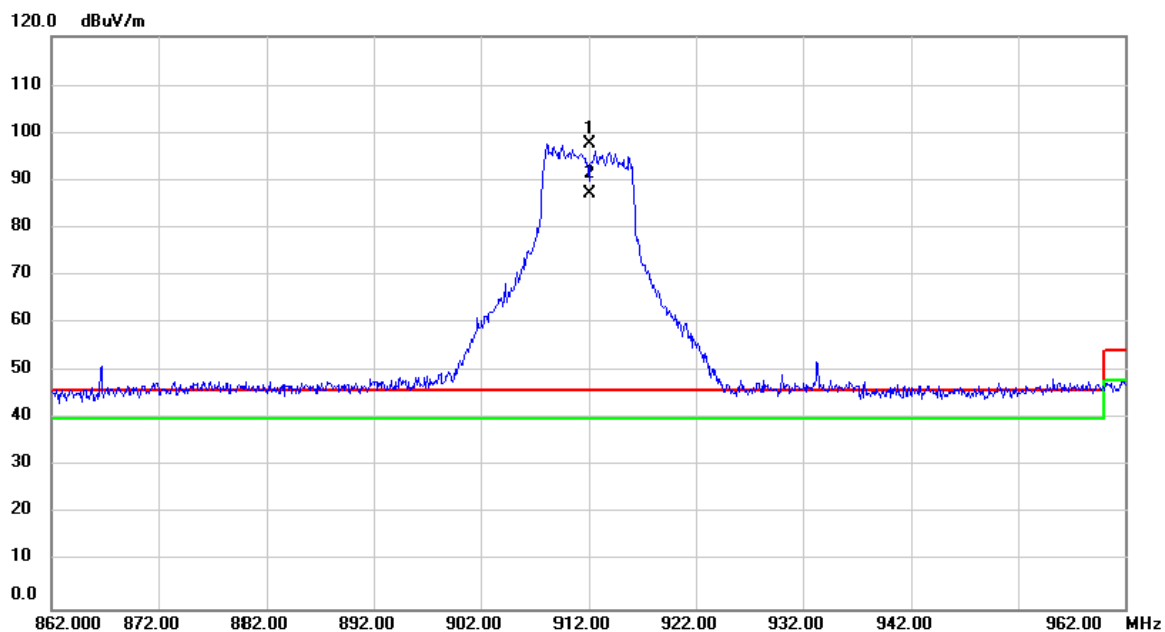
### Vertical



| 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   |     | 1824.000     | 82.60                    | -18.62                  | 63.98                      | 83.74           | -19.76       | peak     |         |
| 2   | *   | 1824.000     | 66.47                    | -18.62                  | 47.85                      | 74.81           | -26.96       | AVG      |         |
| 3   |     | 2736.000     | 56.91                    | -14.91                  | 42.00                      | 74.00           | -32.00       | peak     |         |
| 4   |     | 2736.000     | 45.68                    | -14.91                  | 30.77                      | 54.00           | -23.23       | AVG      |         |

|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX G-10MHZ MODE 912 MHz |

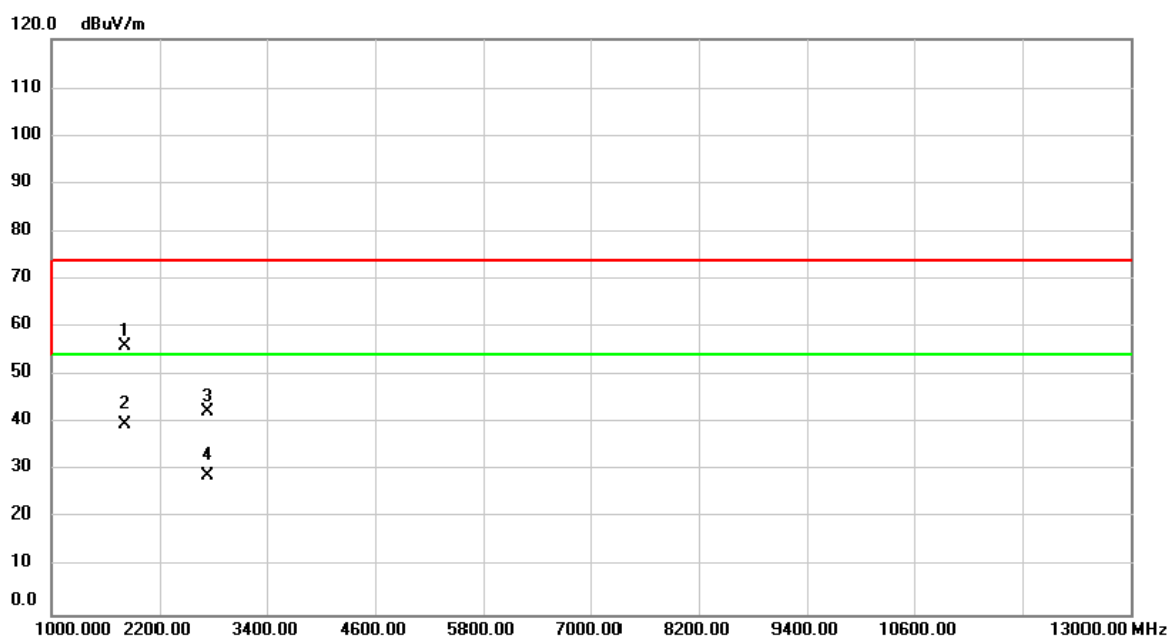
### Horizontal



| 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   | *   | 912.0000     | 73.42                    | 24.10                   | 97.52                      | 46.00           | 51.52        | peak     | No Limit |
| 2   | X   | 912.0000     | 62.97                    | 24.10                   | 87.07                      | 46.00           | 41.07        | AVG      | No Limit |

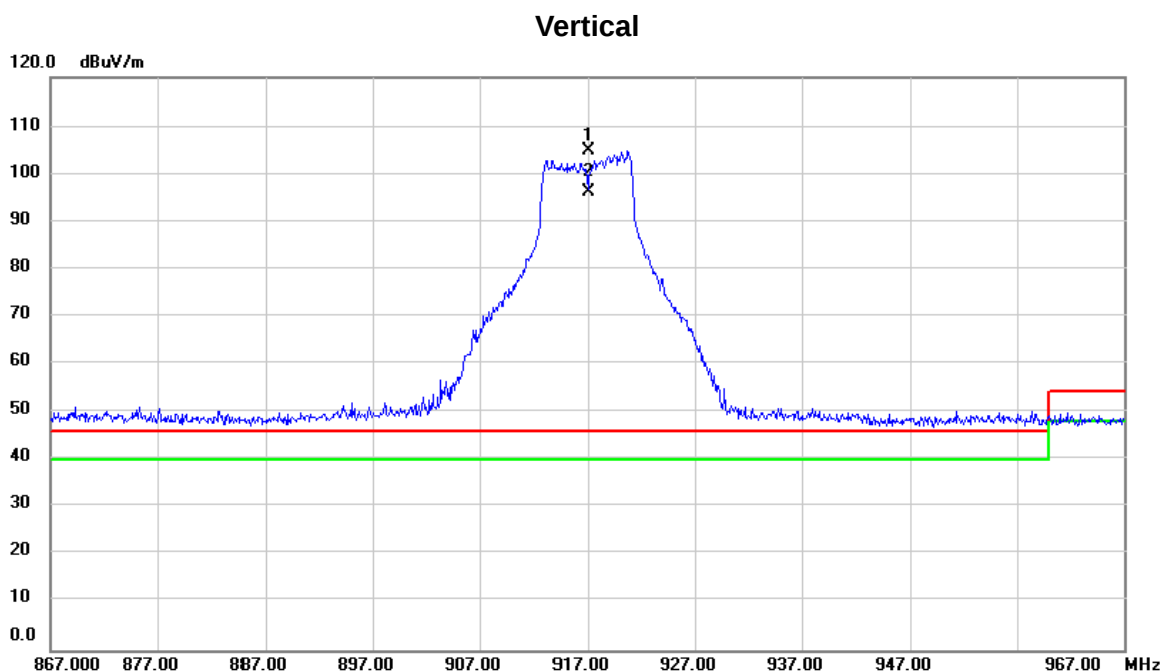
|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX G-10MHZ MODE 912 MHz |

### 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   |     | 1824.000     | 74.57                    | -18.62                  | 55.95                      | 77.52           | -21.57       | peak     |         |
| 2   | *   | 1824.000     | 58.39                    | -18.62                  | 39.77                      | 67.07           | -27.30       | AVG      |         |
| 3   |     | 2736.000     | 57.47                    | -14.91                  | 42.56                      | 74.00           | -31.44       | peak     |         |
| 4   |     | 2736.000     | 43.99                    | -14.91                  | 29.08                      | 54.00           | -24.92       | AVG      |         |

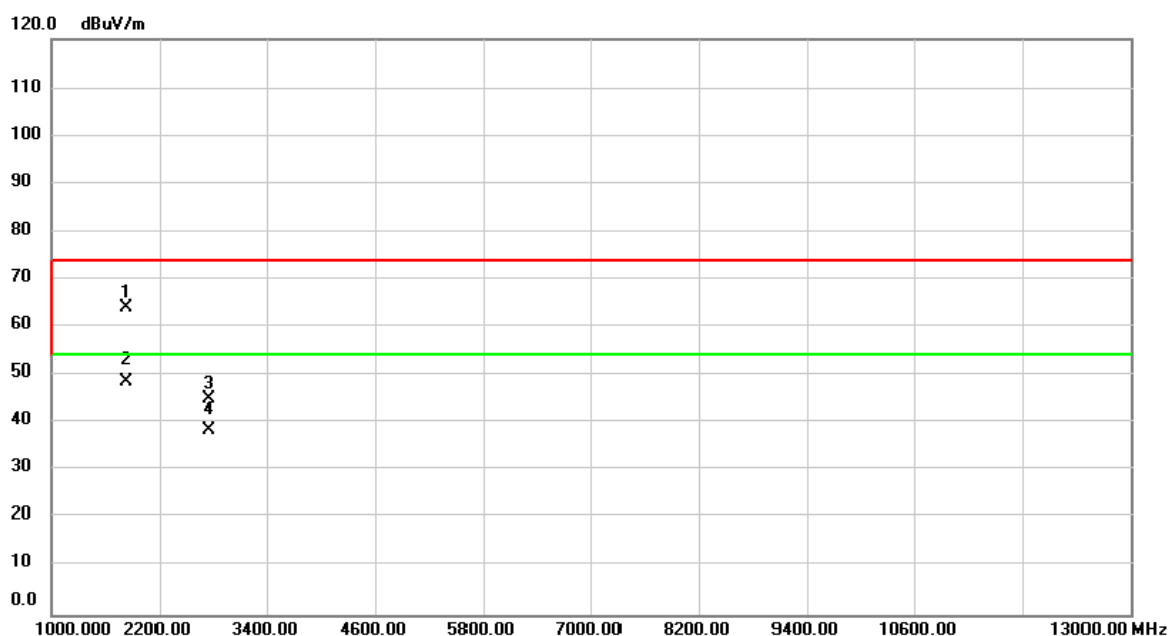
|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX G-10MHZ MODE 917 MHz |



| 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   | *   | 917.0000     | 81.45                    | 23.39                   | 104.84                     | 46.00           | 58.84        | peak     | No Limit |
| 2   | X   | 917.0000     | 72.82                    | 23.39                   | 96.21                      | 46.00           | 50.21        | AVG      | No Limit |

|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX G-10MHZ MODE 917 MHz |

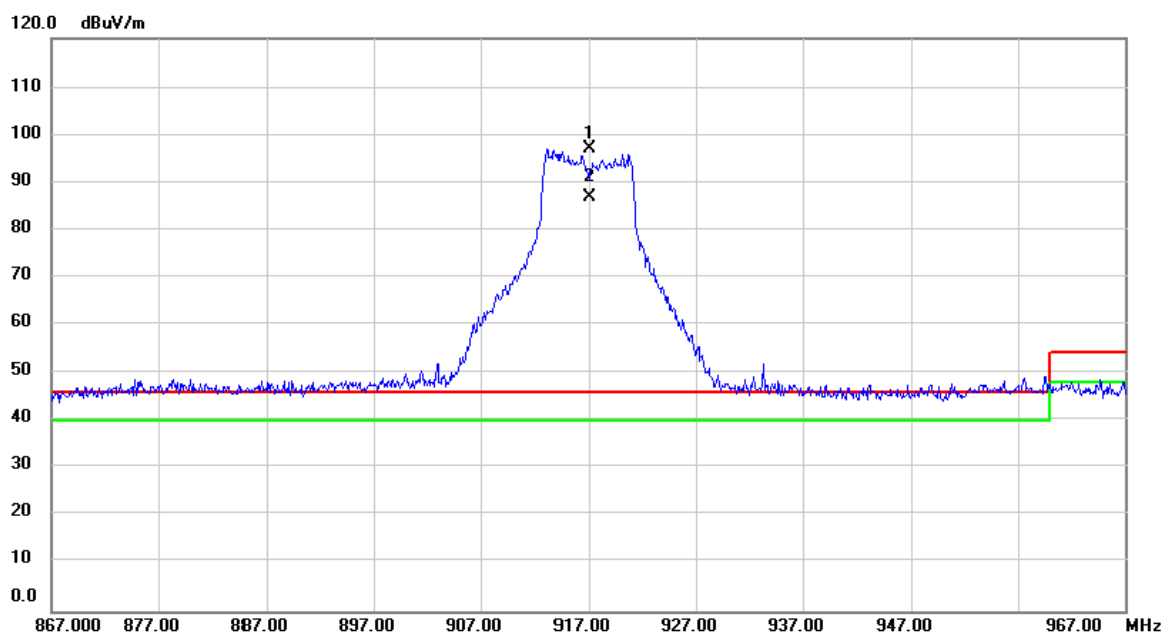
### Vertical



| 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   |     | 1834.000     | 82.70                    | -18.58                  | 64.12                      | 84.84           | -20.72       | peak     |         |
| 2   | *   | 1834.000     | 67.33                    | -18.58                  | 48.75                      | 76.21           | -27.46       | AVG      |         |
| 3   |     | 2751.000     | 60.12                    | -14.85                  | 45.27                      | 74.00           | -28.73       | peak     |         |
| 4   |     | 2751.000     | 53.44                    | -14.85                  | 38.59                      | 54.00           | -15.41       | AVG      |         |

|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX G-10MHZ MODE 917 MHz |

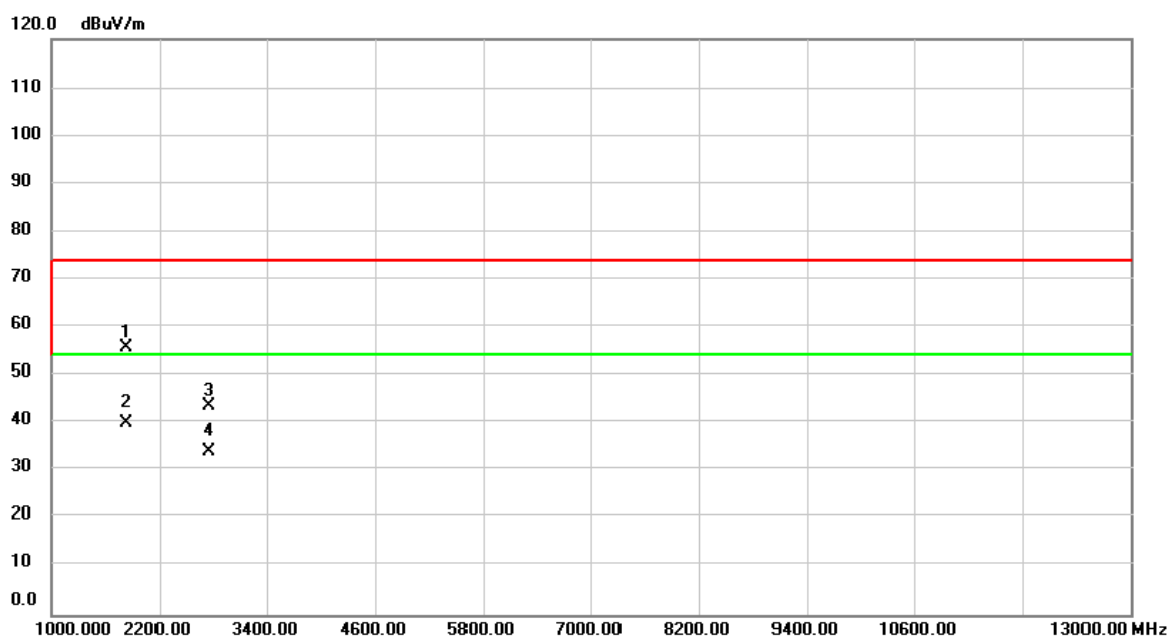
### Horizontal



| 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   | *   | 917.0000     | 73.24                    | 23.67                   | 96.91                      | 46.00           | 50.91        | peak     | No Limit |
| 2   | X   | 917.0000     | 63.18                    | 23.67                   | 86.85                      | 46.00           | 40.85        | AVG      | No Limit |

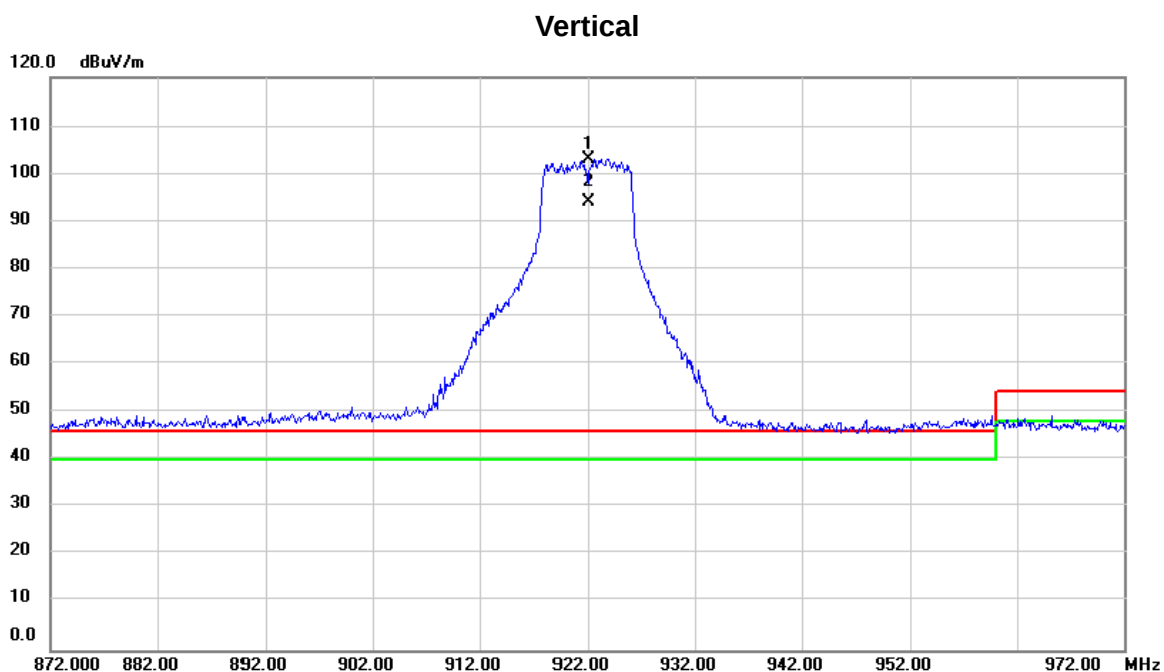
|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX G-10MHZ MODE 917 MHz |

### 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   |     | 1834.000     | 74.25                    | -18.58                  | 55.67                      | 76.91           | -21.24       | peak     |         |
| 2   | *   | 1834.000     | 58.53                    | -18.58                  | 39.95                      | 66.85           | -26.90       | AVG      |         |
| 3   |     | 2751.000     | 58.49                    | -14.85                  | 43.64                      | 74.00           | -30.36       | peak     |         |
| 4   |     | 2751.000     | 48.99                    | -14.85                  | 34.14                      | 54.00           | -19.86       | AVG      |         |

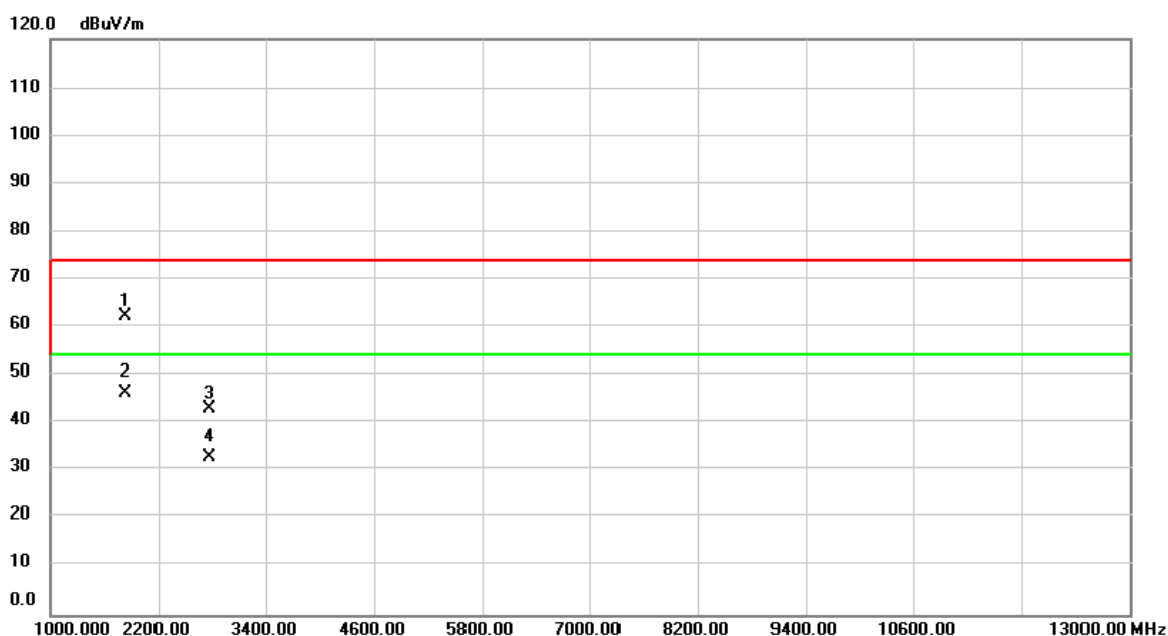
|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX G-10MHZ MODE 922 MHz |



| 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   | *   | 922.0000     | 80.07                    | 23.09                   | 103.16                     | 46.00           | 57.16        | peak     | No Limit |
| 2   | X   | 922.0000     | 71.09                    | 23.09                   | 94.18                      | 46.00           | 48.18        | AVG      | No Limit |

|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX G-10MHZ MODE 922 MHz |

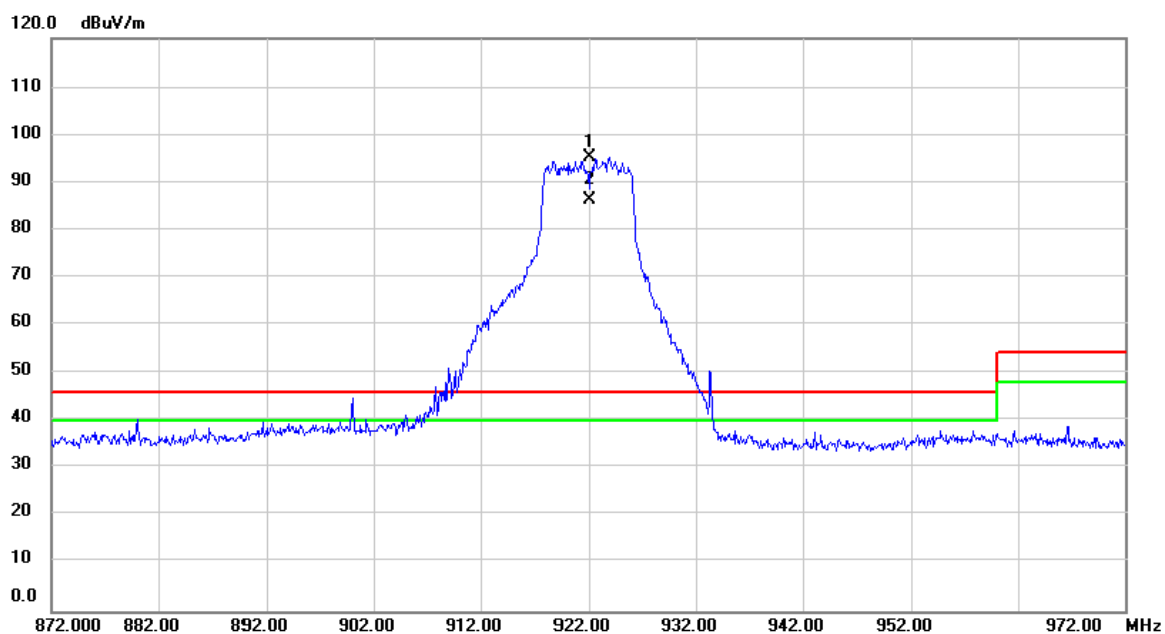
### Vertical



| 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   |     | 1844.000     | 80.76                    | -18.56                  | 62.20                      | 83.16           | -20.96       | peak     |         |
| 2   | *   | 1844.000     | 64.93                    | -18.56                  | 46.37                      | 74.18           | -27.81       | AVG      |         |
| 3   |     | 2766.000     | 57.79                    | -14.79                  | 43.00                      | 74.00           | -31.00       | peak     |         |
| 4   |     | 2766.000     | 47.57                    | -14.79                  | 32.78                      | 54.00           | -21.22       | AVG      |         |

|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX G-10MHZ MODE 922 MHz |

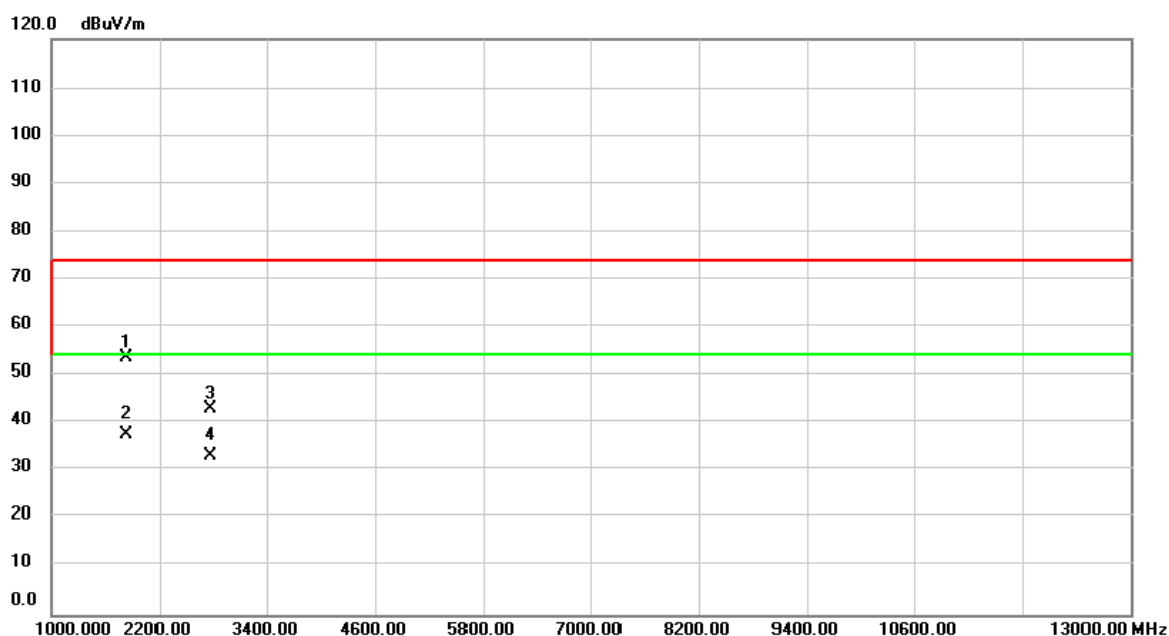
### Horizontal



| 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   | *   | 922.0000     | 72.12                    | 23.09                   | 95.21                      | 46.00           | 49.21        | peak     | No Limit |
| 2   | X   | 922.0000     | 63.24                    | 23.09                   | 86.33                      | 46.00           | 40.33        | AVG      | No Limit |

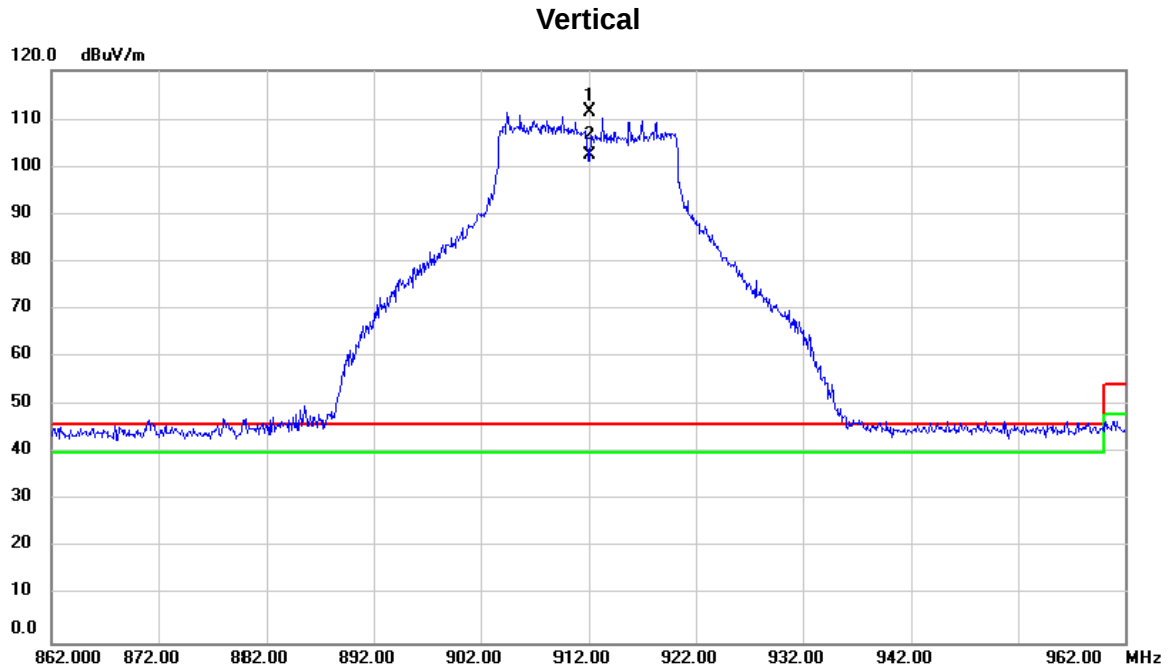
|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX G-10MHZ MODE 922 MHz |

### 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   |     | 1844.000     | 72.14                    | -18.56                  | 53.58                      | 75.21           | -21.63       | peak     |         |
| 2   | *   | 1844.000     | 56.19                    | -18.56                  | 37.63                      | 66.33           | -28.70       | AVG      |         |
| 3   |     | 2766.000     | 57.74                    | -14.79                  | 42.95                      | 74.00           | -31.05       | peak     |         |
| 4   |     | 2766.000     | 47.94                    | -14.79                  | 33.15                      | 54.00           | -20.85       | AVG      |         |

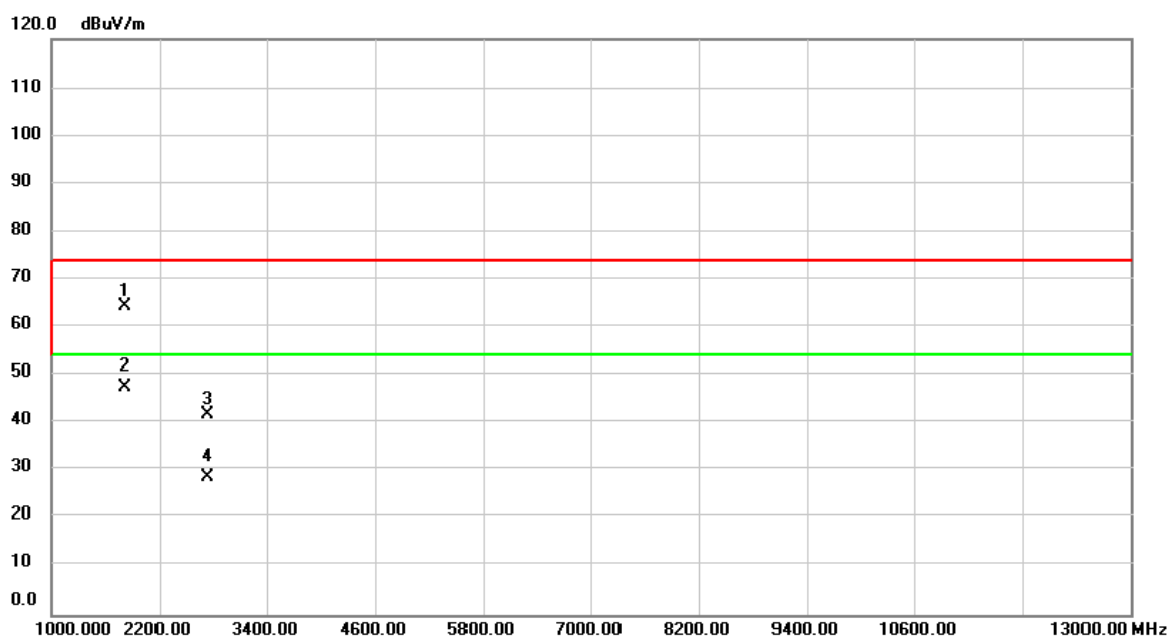
|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX G-20MHZ MODE 912 MHz |



| 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   | *   | 912.0000     | 79.71                    | 31.79                   | 111.50                     | 46.00           | 65.50        | peak     | No Limit |
| 2   | X   | 912.0000     | 70.53                    | 31.79                   | 102.32                     | 46.00           | 56.32        | AVG      | No Limit |

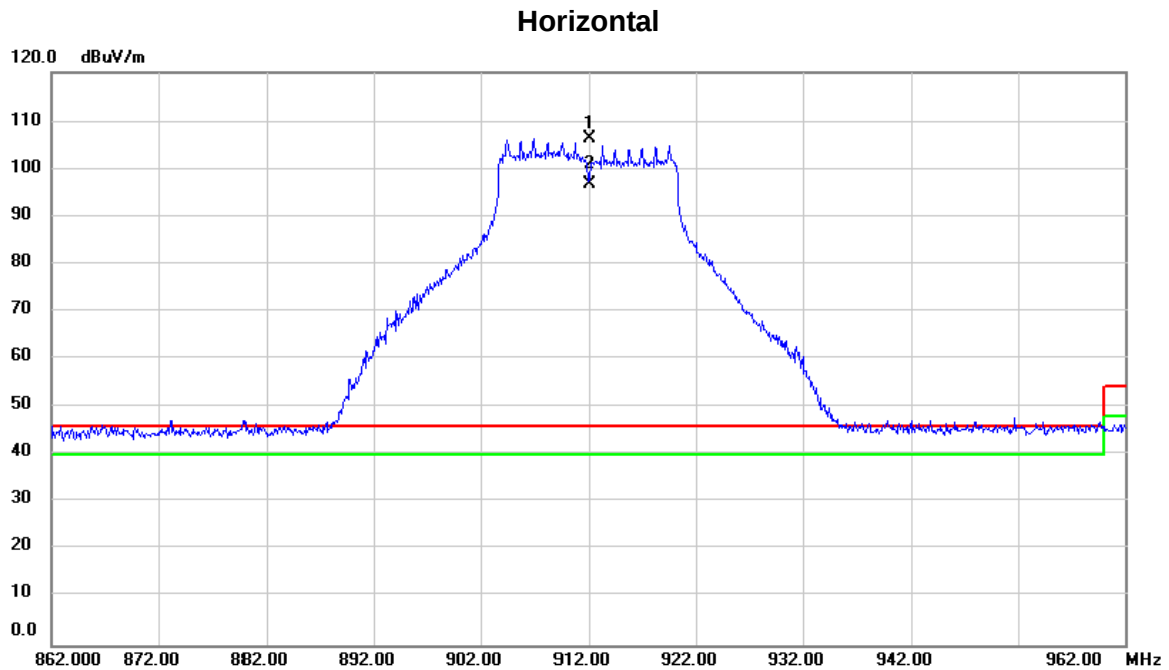
|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX G-20MHZ MODE 912 MHz |

### 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   |     | 1824.000     | 83.04                    | -18.62                  | 64.42                      | 91.50           | -27.08       | peak     |         |
| 2   | *   | 1824.000     | 66.07                    | -18.62                  | 47.45                      | 82.32           | -34.87       | AVG      |         |
| 3   |     | 2736.000     | 56.83                    | -14.91                  | 41.92                      | 74.00           | -32.08       | peak     |         |
| 4   |     | 2736.000     | 43.57                    | -14.91                  | 28.66                      | 54.00           | -25.34       | AVG      |         |

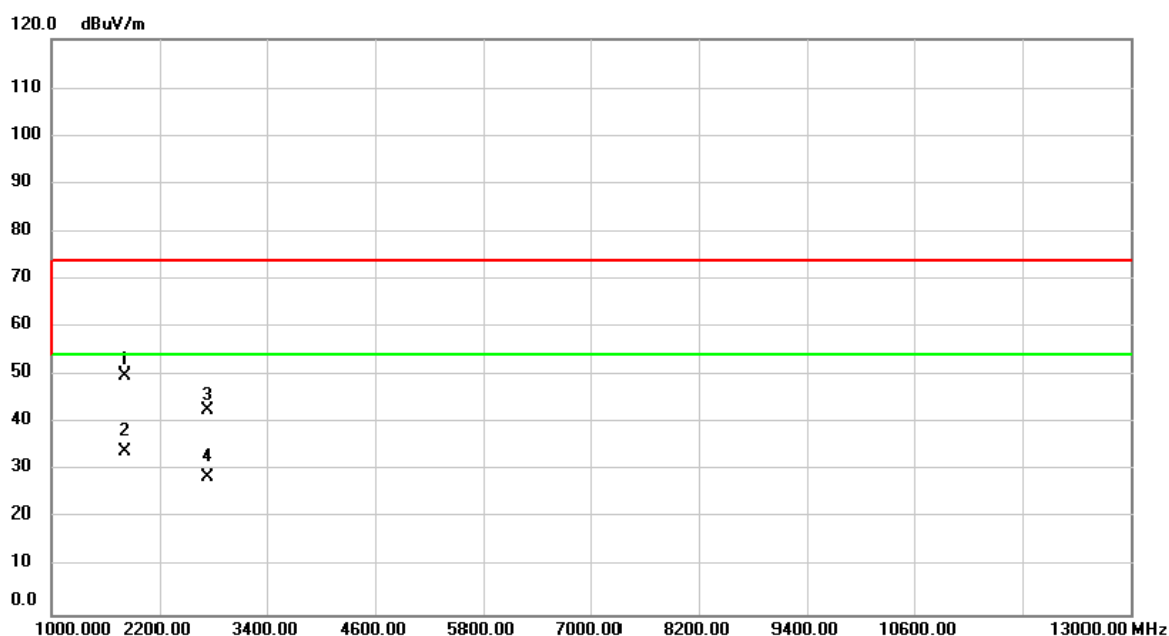
|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX G-20MHZ MODE 912 MHz |



| 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   | *   | 912.0000     | 74.61                    | 31.79                   | 106.40                     | 46.00           | 60.40        | peak     | No Limit |
| 2   | X   | 912.0000     | 65.09                    | 31.79                   | 96.88                      | 46.00           | 50.88        | AVG      | No Limit |

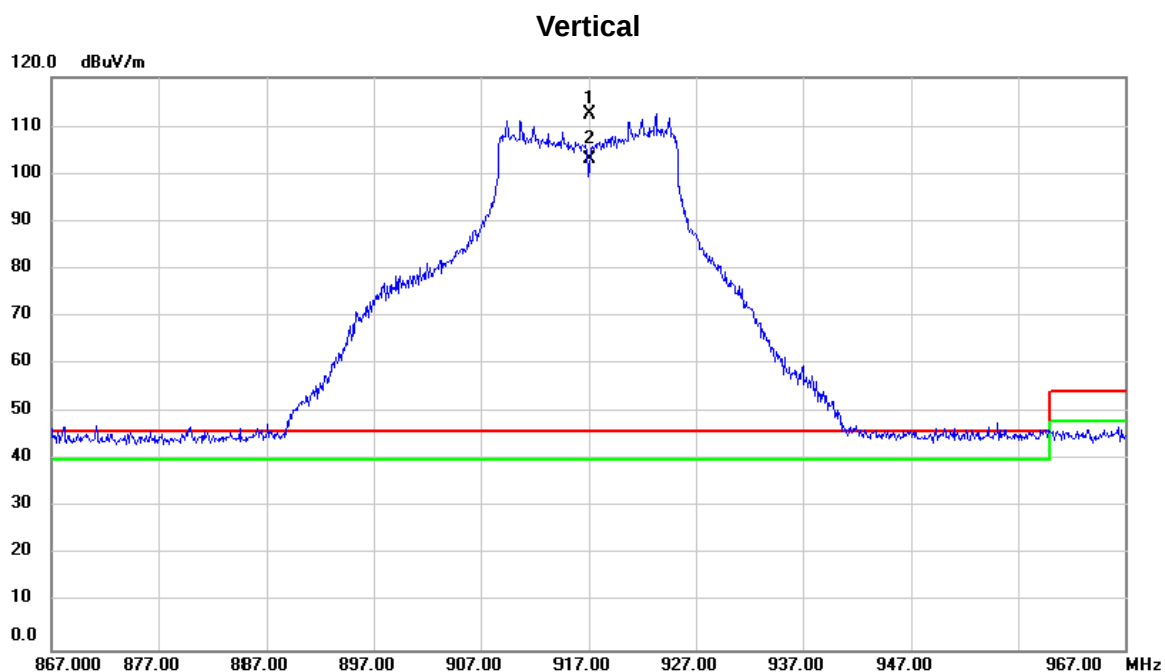
|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX G-20MHZ MODE 912 MHz |

### 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   |     | 1824.000     | 68.62                    | -18.62                  | 50.00                      | 86.40           | -36.40       | peak     |         |
| 2   | *   | 1824.000     | 52.55                    | -18.62                  | 33.93                      | 76.88           | -42.95       | AVG      |         |
| 3   |     | 2736.000     | 57.72                    | -14.91                  | 42.81                      | 74.00           | -31.19       | peak     |         |
| 4   |     | 2736.000     | 43.64                    | -14.91                  | 28.73                      | 54.00           | -25.27       | AVG      |         |

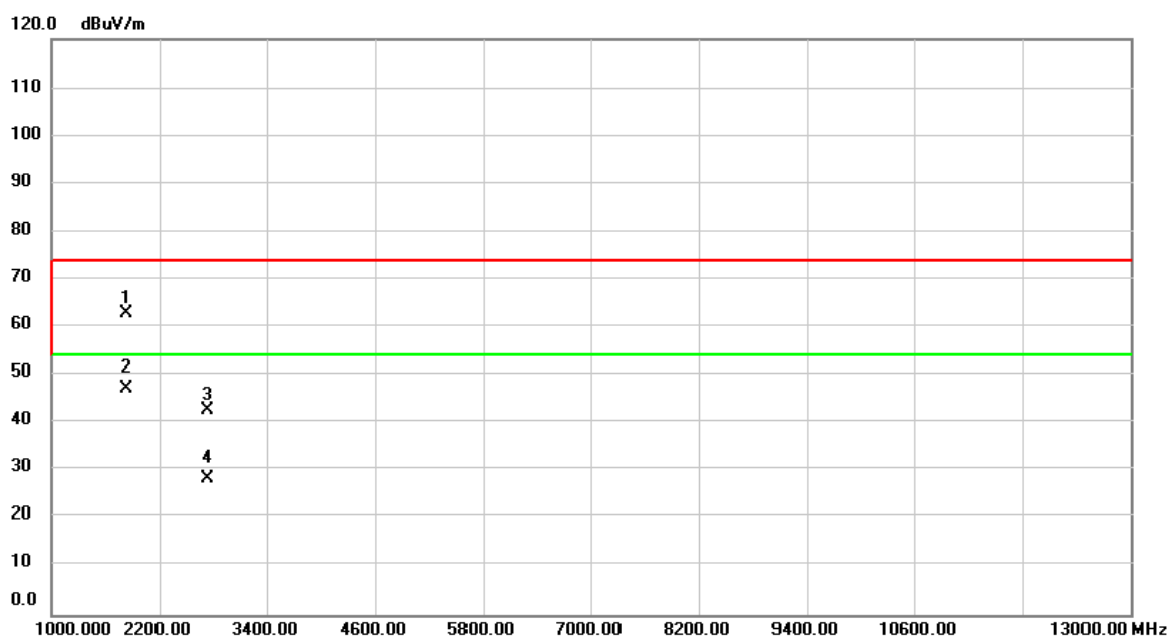
|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX G-20MHZ MODE 917 MHz |



| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Margin |          |          |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|----------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector | Comment  |
| 1   | *   | 917.0000 | 80.39         | 31.86          | 112.25      | 46.00  | 66.25  | peak     | No Limit |
| 2   | X   | 917.0000 | 71.10         | 31.86          | 102.96      | 46.00  | 56.96  | AVG      | No Limit |

|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX G-20MHZ MODE 917 MHz |

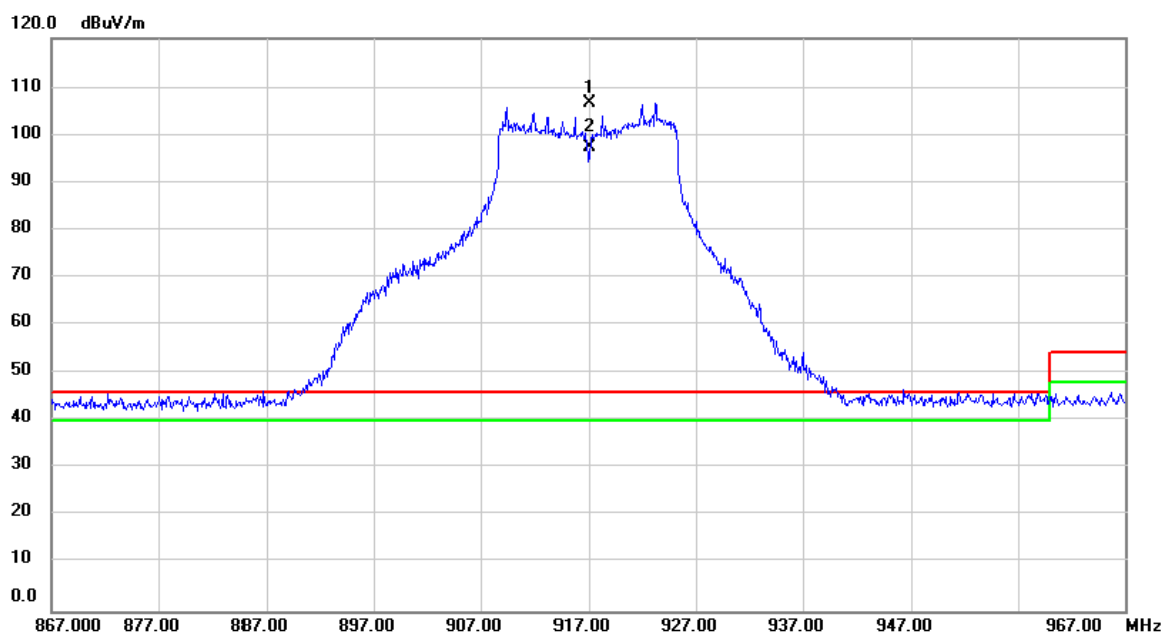
### Vertical



| 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   |     | 1834.000     | 81.30                    | -18.58                  | 62.72                      | 92.25           | -29.53       | peak     |         |
| 2   | *   | 1834.000     | 65.79                    | -18.58                  | 47.21                      | 82.95           | -35.74       | AVG      |         |
| 3   |     | 2741.000     | 57.62                    | -14.89                  | 42.73                      | 74.00           | -31.27       | peak     |         |
| 4   |     | 2741.000     | 43.13                    | -14.89                  | 28.24                      | 54.00           | -25.76       | AVG      |         |

|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX G-20MHZ MODE 917 MHz |

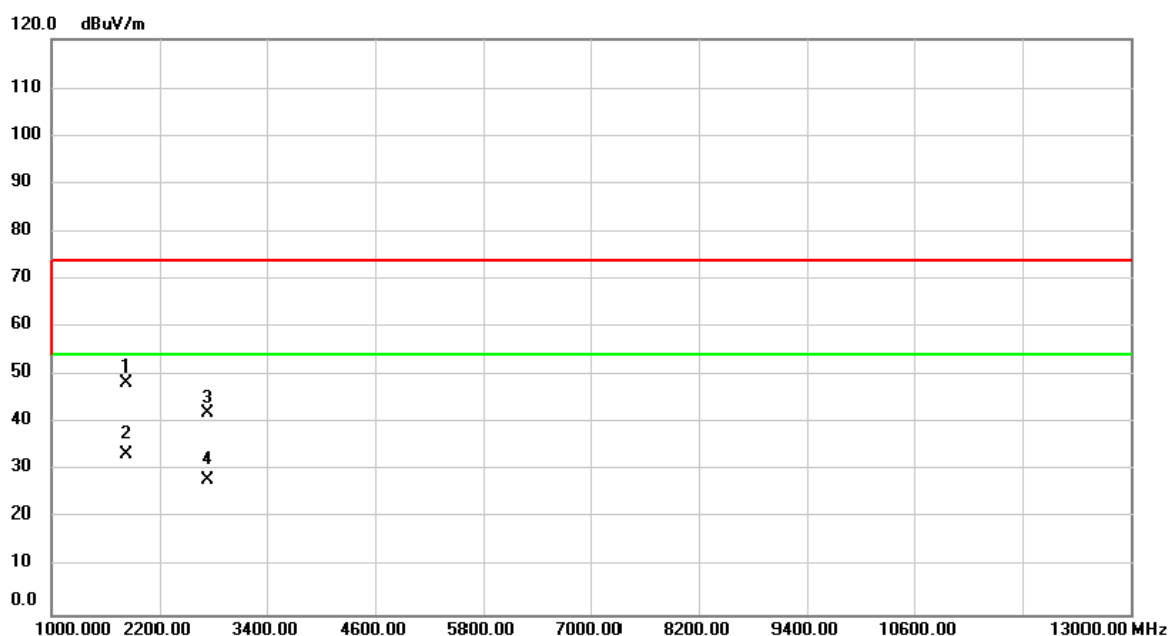
### Horizontal



| 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   | *   | 917.0000     | 74.74                    | 31.86                   | 106.60                     | 46.00           | 60.60        | peak     | No Limit |
| 2   | X   | 917.0000     | 65.40                    | 31.86                   | 97.26                      | 46.00           | 51.26        | AVG      | No Limit |

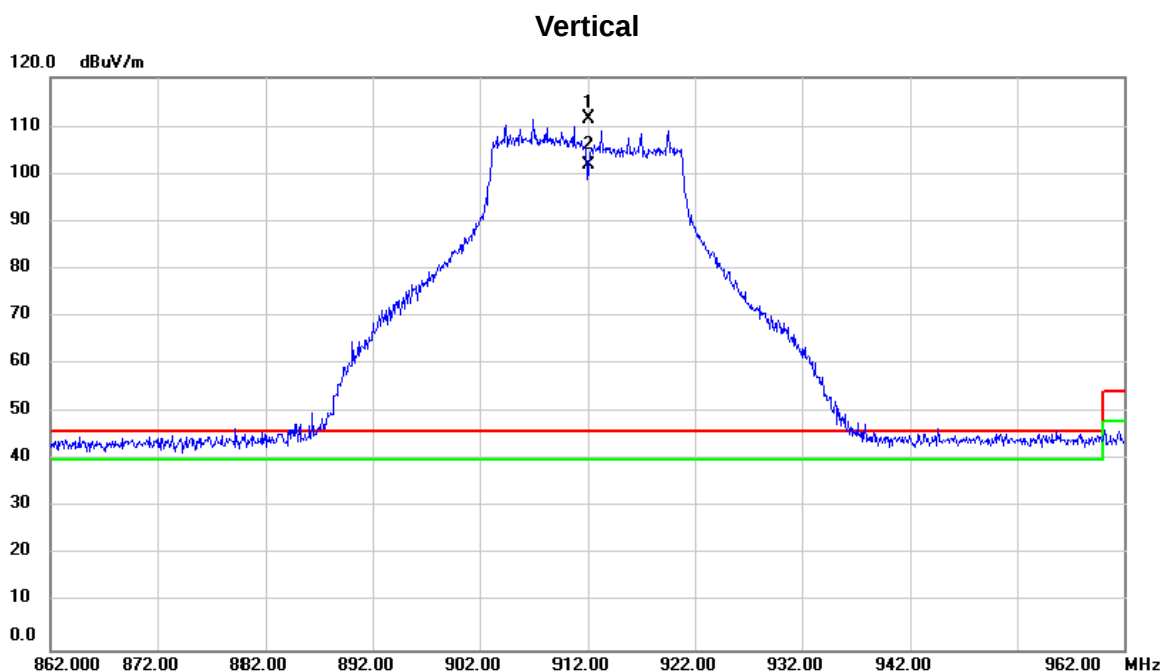
|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX G-20MHZ MODE 917 MHz |

### 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   |     | 1834.000     | 67.17                    | -18.58                  | 48.59                      | 86.60           | -38.01       | peak     |         |
| 2   | *   | 1834.000     | 51.99                    | -18.58                  | 33.41                      | 77.26           | -43.85       | AVG      |         |
| 3   |     | 2741.000     | 57.10                    | -14.89                  | 42.21                      | 74.00           | -31.79       | peak     |         |
| 4   |     | 2741.000     | 43.09                    | -14.89                  | 28.20                      | 54.00           | -25.80       | AVG      |         |

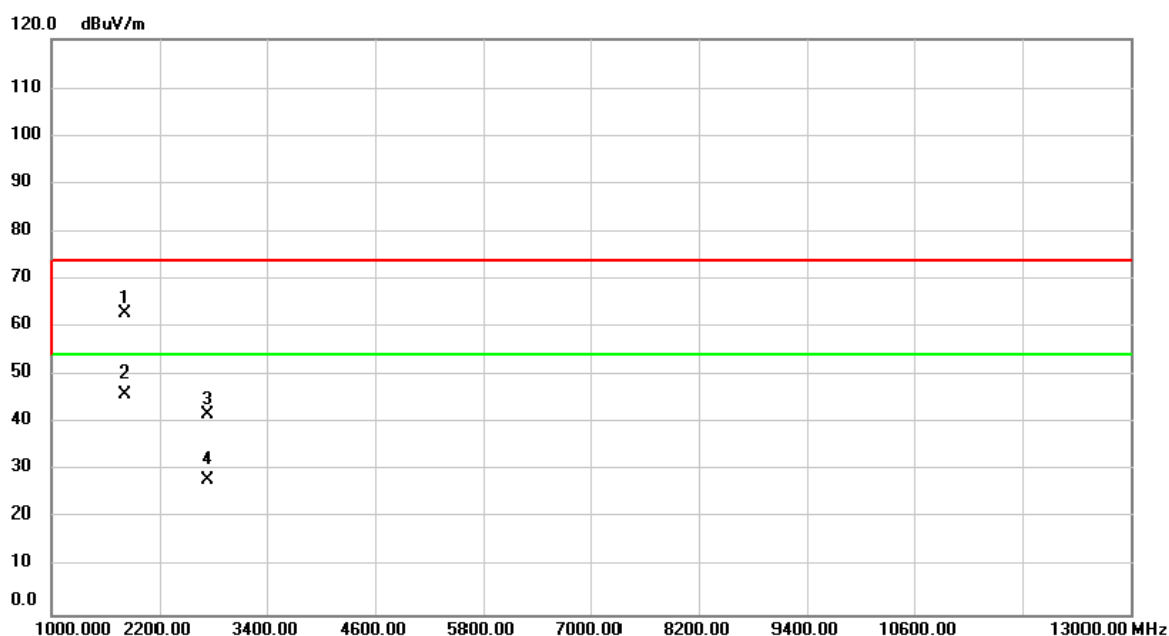
|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX N-20MHZ MODE 912 MHz |



| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Margin |          |          |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|----------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector | Comment  |
| 1   | *   | 912.0000 | 79.69         | 31.79          | 111.48      | 46.00  | 65.48  | peak     | No Limit |
| 2   | X   | 912.0000 | 70.13         | 31.79          | 101.92      | 46.00  | 55.92  | AVG      | No Limit |

|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX N-20MHZ MODE 912 MHz |

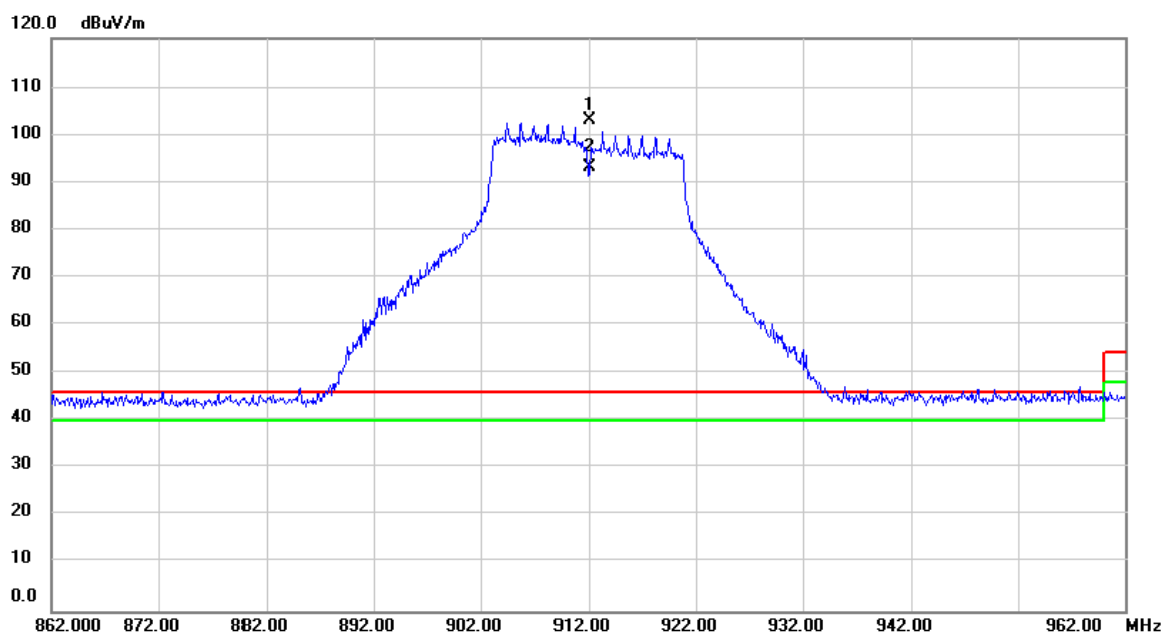
### Vertical



| 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   |     | 1824.000     | 81.49                    | -18.62                  | 62.87                      | 91.48           | -28.61       | peak     |         |
| 2   | *   | 1824.000     | 64.79                    | -18.62                  | 46.17                      | 81.92           | -35.75       | AVG      |         |
| 3   |     | 2736.000     | 56.66                    | -14.91                  | 41.75                      | 74.00           | -32.25       | peak     |         |
| 4   |     | 2736.000     | 43.07                    | -14.91                  | 28.16                      | 54.00           | -25.84       | AVG      |         |

|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX N-20MHZ MODE 912 MHz |

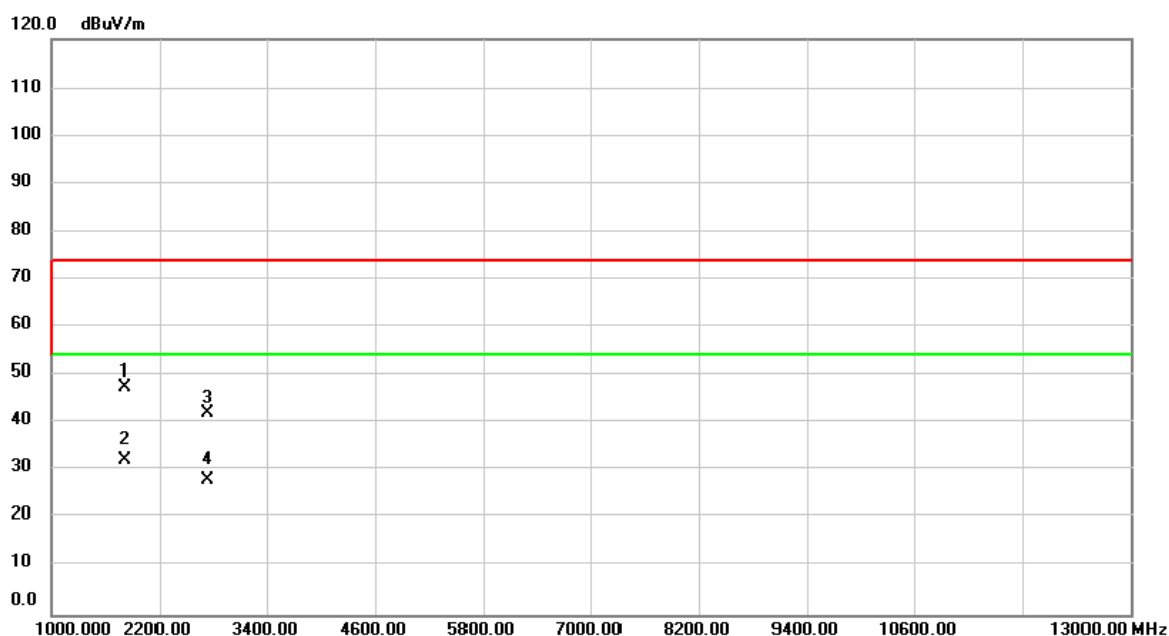
### Horizontal



| 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   | *   | 912.0000     | 71.17                    | 31.79                   | 102.96                     | 46.00           | 56.96        | peak     | No Limit |
| 2   | X   | 912.0000     | 61.42                    | 31.79                   | 93.21                      | 46.00           | 47.21        | AVG      | No Limit |

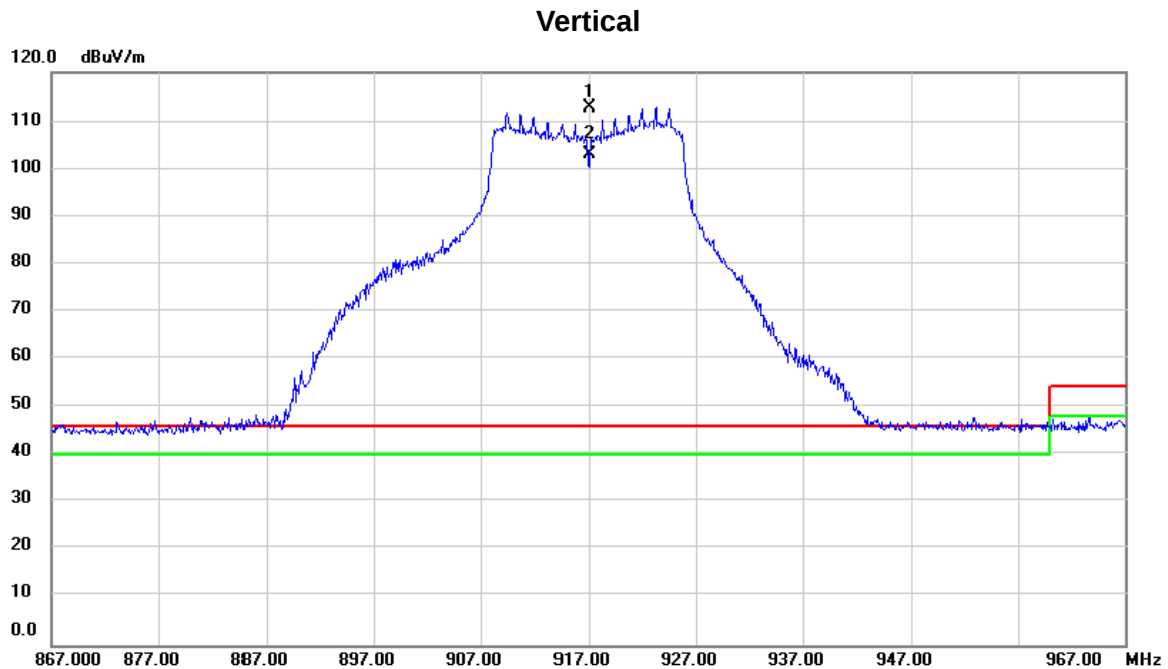
|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX N-20MHZ MODE 912 MHz |

### 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   |     | 1824.000     | 66.03                    | -18.62                  | 47.41                      | 82.95           | -35.54       | peak     |         |
| 2   | *   | 1824.000     | 50.75                    | -18.62                  | 32.13                      | 73.21           | -41.08       | AVG      |         |
| 3   |     | 2736.000     | 56.99                    | -14.91                  | 42.08                      | 74.00           | -31.92       | peak     |         |
| 4   |     | 2736.000     | 43.09                    | -14.91                  | 28.18                      | 54.00           | -25.82       | AVG      |         |

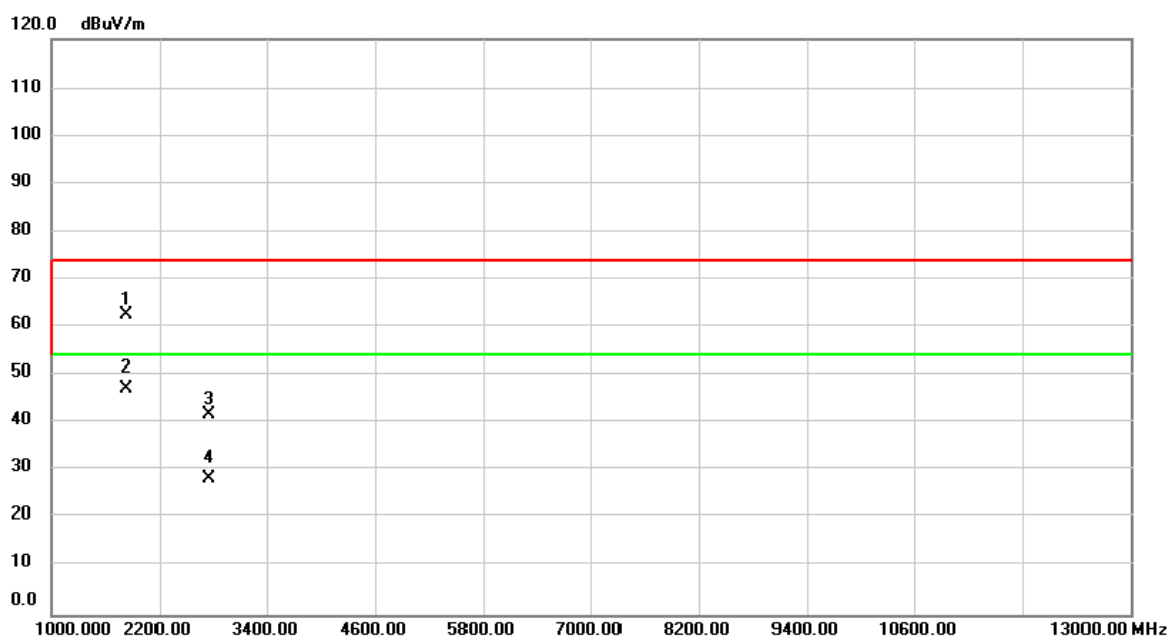
|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX N-20MHZ MODE 917 MHz |



| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Margin |          |          |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|----------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector | Comment  |
| 1   | *   | 917.0000 | 80.67         | 31.86          | 112.53      | 46.00  | 66.53  | peak     | No Limit |
| 2   | X   | 917.0000 | 71.13         | 31.86          | 102.99      | 46.00  | 56.99  | AVG      | No Limit |

|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX N-20MHZ MODE 917 MHz |

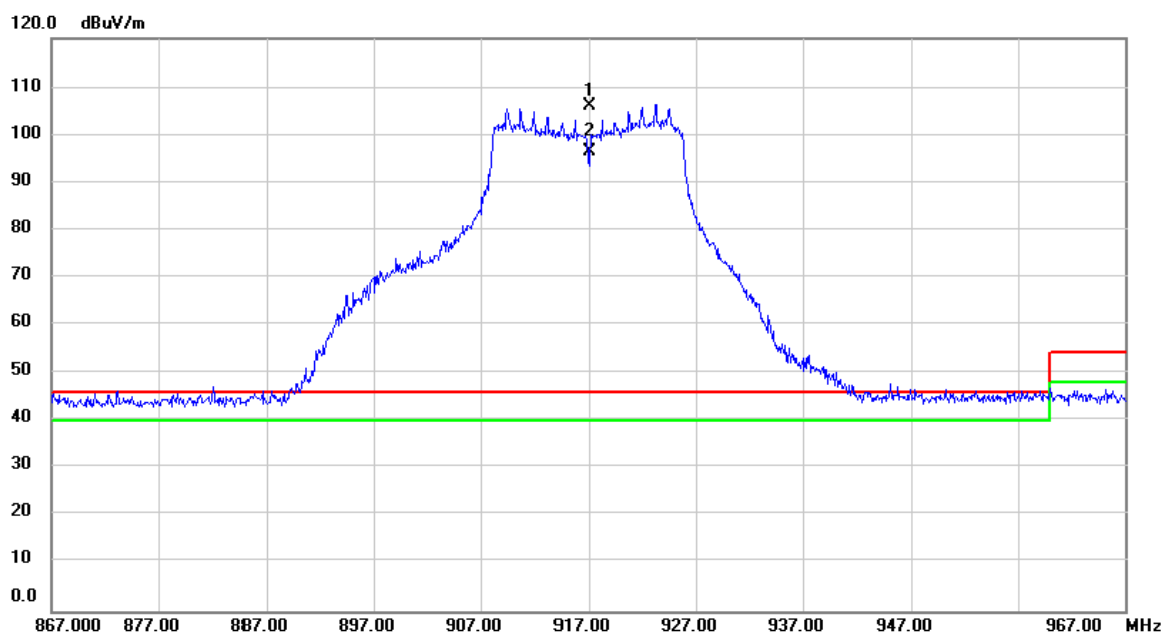
### Vertical



| 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   |     | 1834.000     | 81.21                    | -18.58                  | 62.63                      | 92.53           | -29.9        | peak     |         |
| 2   | *   | 1834.000     | 65.92                    | -18.58                  | 47.34                      | 82.99           | -35.65       | AVG      |         |
| 3   |     | 2751.000     | 56.66                    | -14.85                  | 41.81                      | 74.00           | -32.19       | peak     |         |
| 4   |     | 2751.000     | 43.07                    | -14.85                  | 28.22                      | 54.00           | -25.78       | AVG      |         |

|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX N-20MHZ MODE 917 MHz |

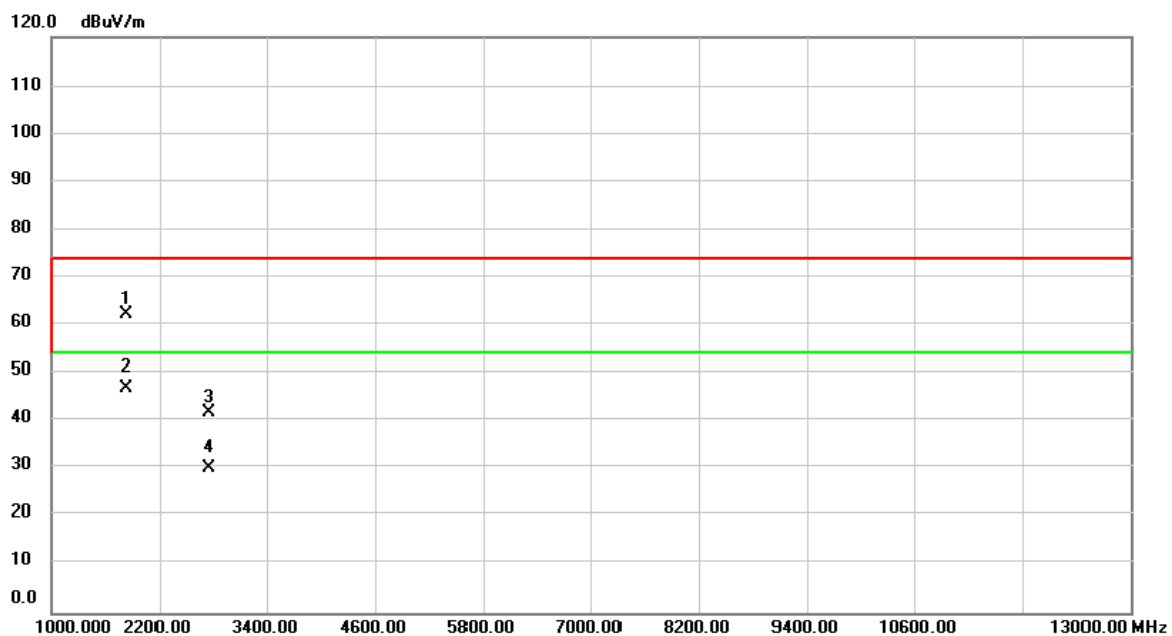
### Horizontal



| 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   | *   | 917.0000     | 74.34                    | 31.86                   | 106.20                     | 46.00           | 60.20        | peak     | No Limit |
| 2   | X   | 917.0000     | 64.67                    | 31.86                   | 96.53                      | 46.00           | 50.53        | AVG      | No Limit |

|                   |                         |
|-------------------|-------------------------|
| Orthogonal Axis : | X                       |
| Test Mode :       | TX N-20MHZ MODE 917 MHz |

### Horizontal



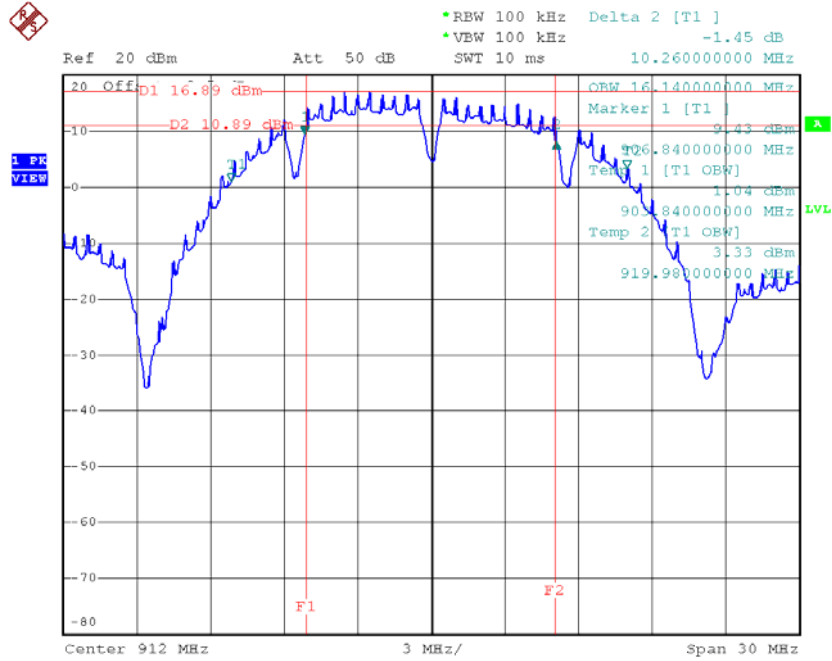
| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|--------------|----------|---------|
| 1   |     | 1834.000     | 80.74                    | -18.58                  | 62.16                      | 86.20           | -24.04       | peak     |         |
| 2   | *   | 1834.000     | 65.39                    | -18.58                  | 46.81                      | 76.53           | -29.72       | AVG      |         |
| 3   |     | 2751.000     | 56.65                    | -14.85                  | 41.80                      | 74.00           | -32.20       | peak     |         |
| 4   |     | 2751.000     | 44.92                    | -14.85                  | 30.07                      | 54.00           | -23.93       | AVG      |         |

## ATTACHMENT E - BANDWIDTH

|             |                               |
|-------------|-------------------------------|
| Test Mode : | TX B-20MHZ MODE CHANNEL 02/03 |
|-------------|-------------------------------|

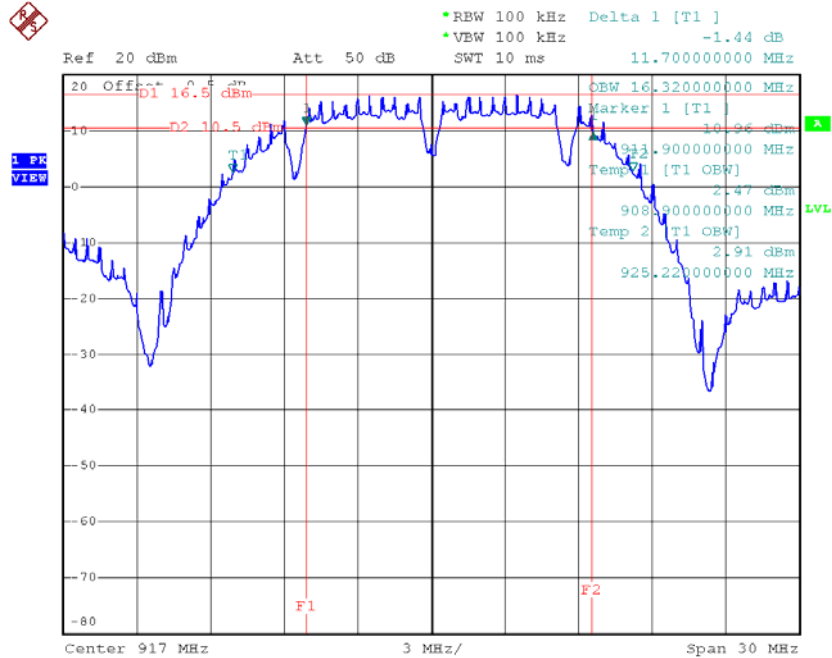
| Frequency<br>(MHz) | 6dB Bandwidth<br>(MHz) | 99% Occupied BW<br>(MHz) | Test Result |
|--------------------|------------------------|--------------------------|-------------|
| 912                | 10.26                  | 16.14                    | Complies    |
| 917                | 11.70                  | 16.32                    | Complies    |

### CH02



Date: 18.JUL.2016 13:05:45

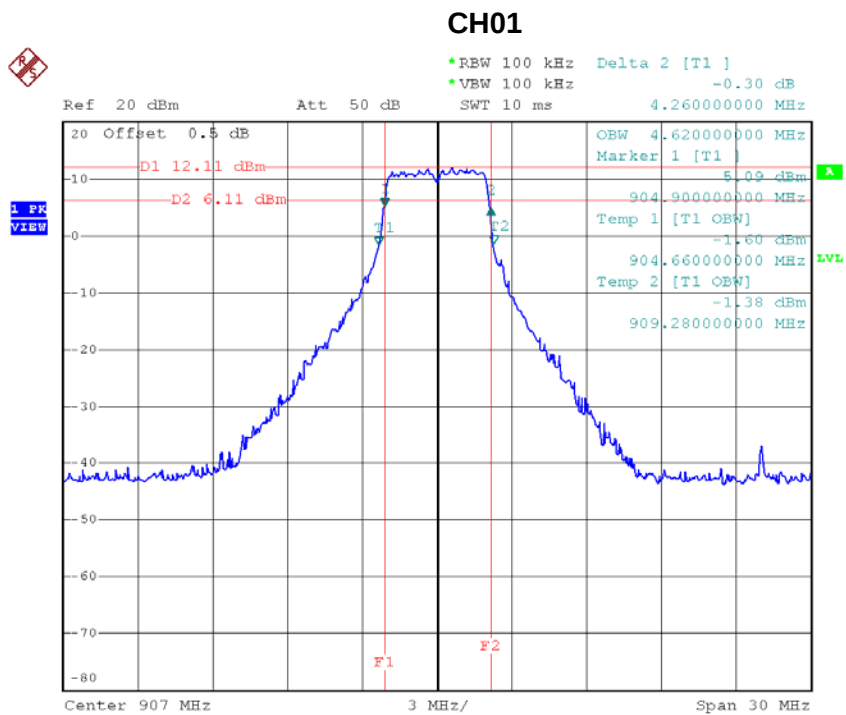
### CH03



Date: 25.JUL.2016 13:21:11

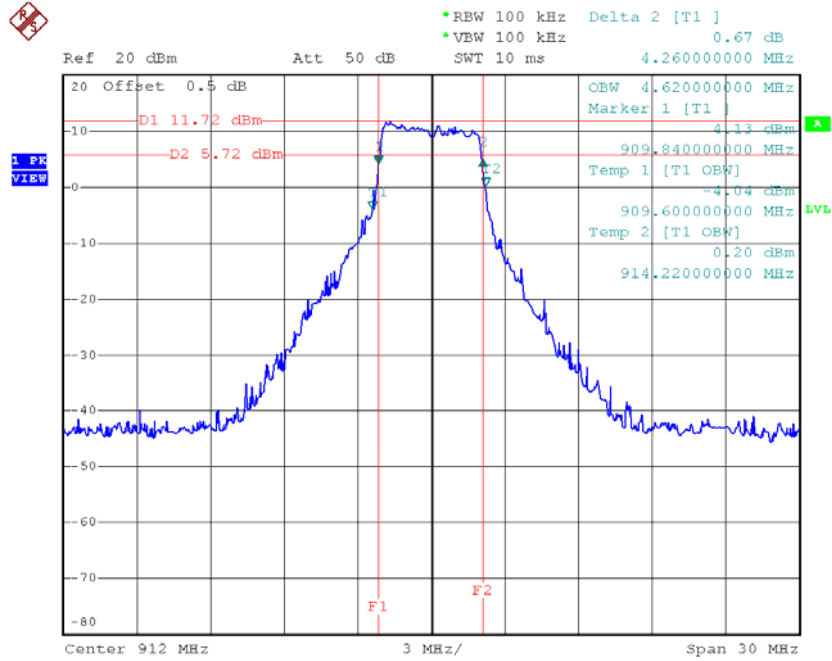
|             |                                 |
|-------------|---------------------------------|
| Test Mode : | TX G-5MHZ MODE CHANNEL 01/02/04 |
|-------------|---------------------------------|

| Frequency<br>(MHz) | 6dB Bandwidth<br>(MHz) | 99% Occupied BW<br>(MHz) | Test Result |
|--------------------|------------------------|--------------------------|-------------|
| 907                | 4.26                   | 4.62                     | Complies    |
| 912                | 4.26                   | 4.62                     | Complies    |
| 922                | 4.20                   | 4.62                     | Complies    |



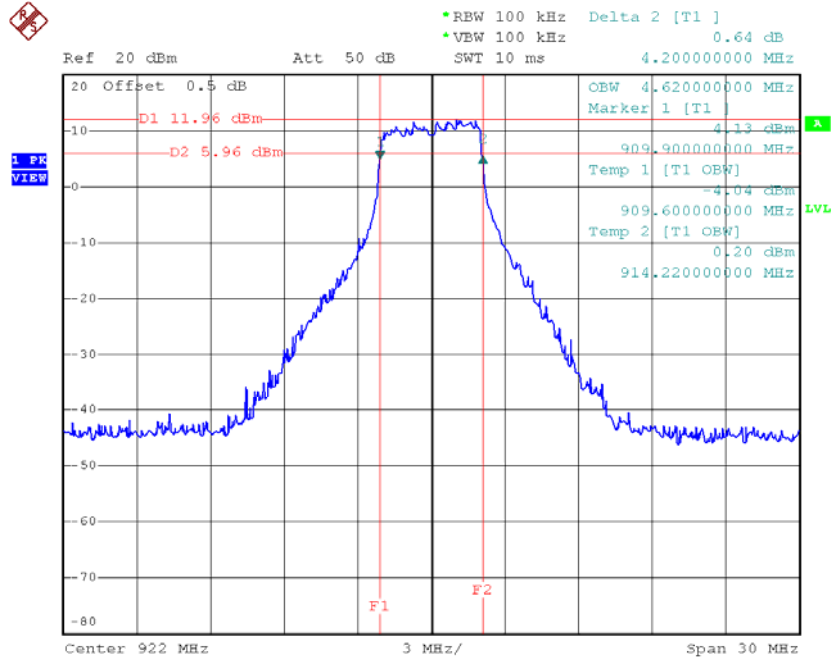
Date: 18.JUL.2016 15:04:59

## CH02



Date: 18.JUL.2016 15:14:09

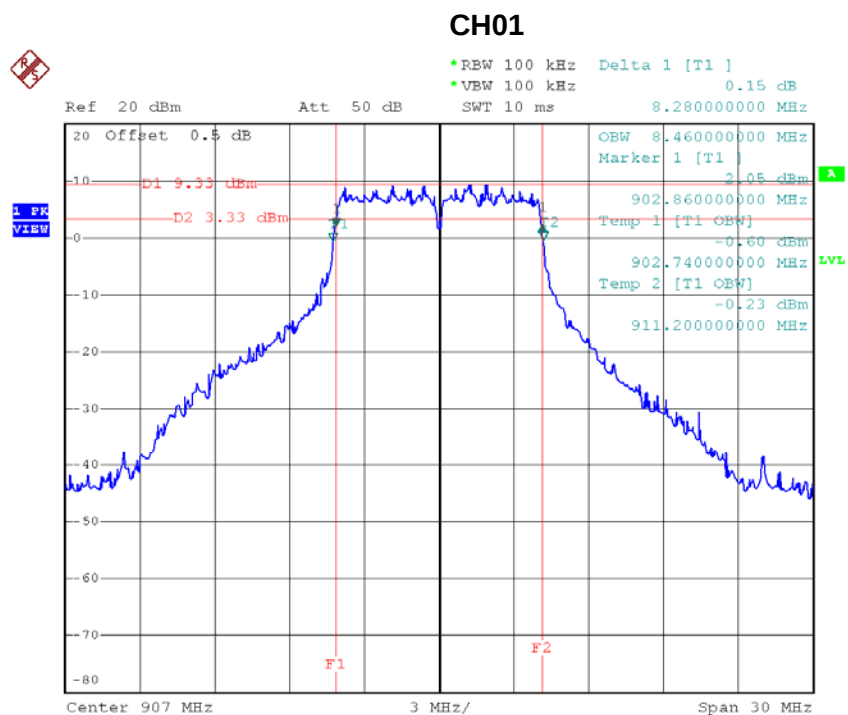
## CH04



Date: 18.JUL.2016 15:18:10

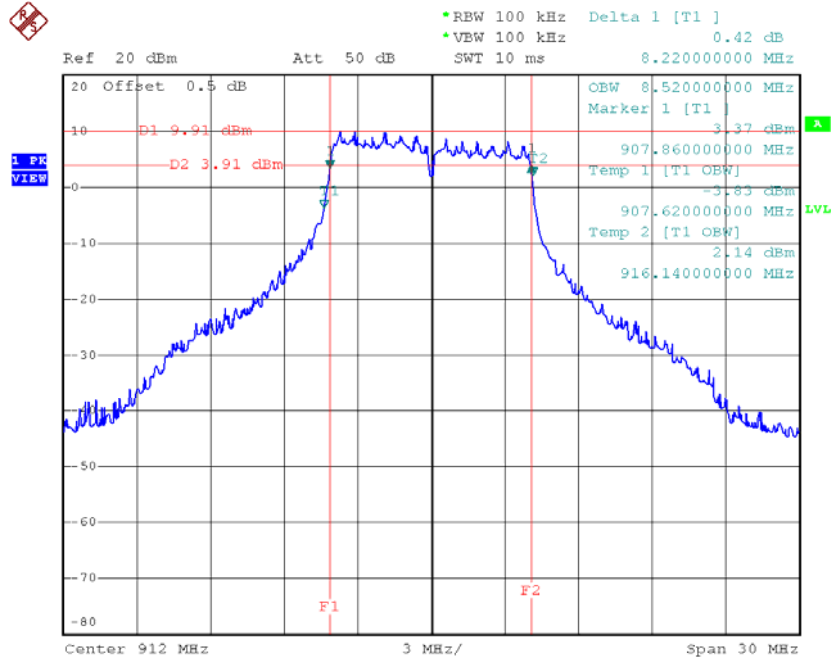
|             |                                  |
|-------------|----------------------------------|
| Test Mode : | TX G-10MHZ MODE CHANNEL 01/02/04 |
|-------------|----------------------------------|

| Frequency<br>(MHz) | 6dB Bandwidth<br>(MHz) | 99% Occupied BW<br>(MHz) | Test Result |
|--------------------|------------------------|--------------------------|-------------|
| 907                | 8.28                   | 8.46                     | Complies    |
| 912                | 8.22                   | 8.52                     | Complies    |
| 922                | 8.28                   | 8.34                     | Complies    |



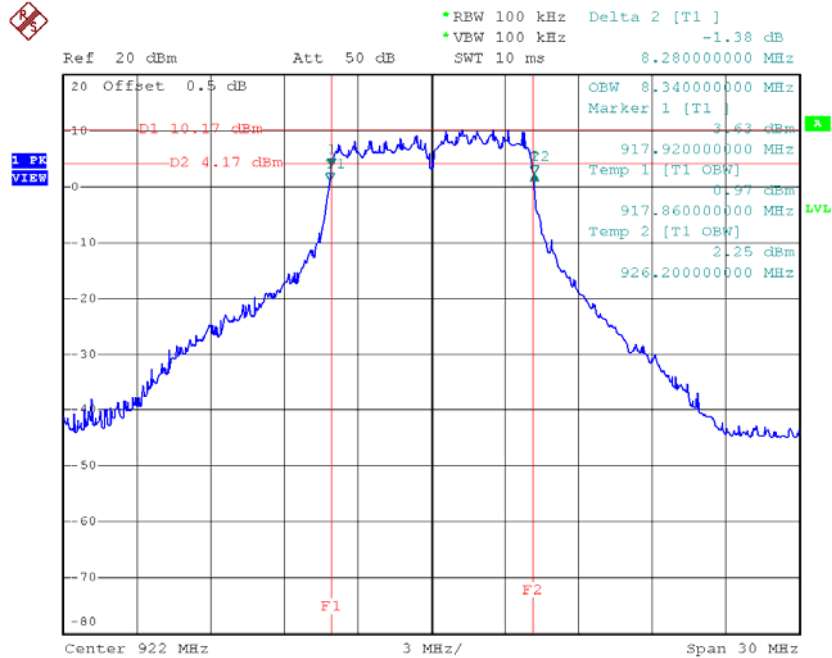
Date: 18.JUL.2016 14:58:50

### CH02



Date: 18.JUL.2016 14:53:02

### CH04

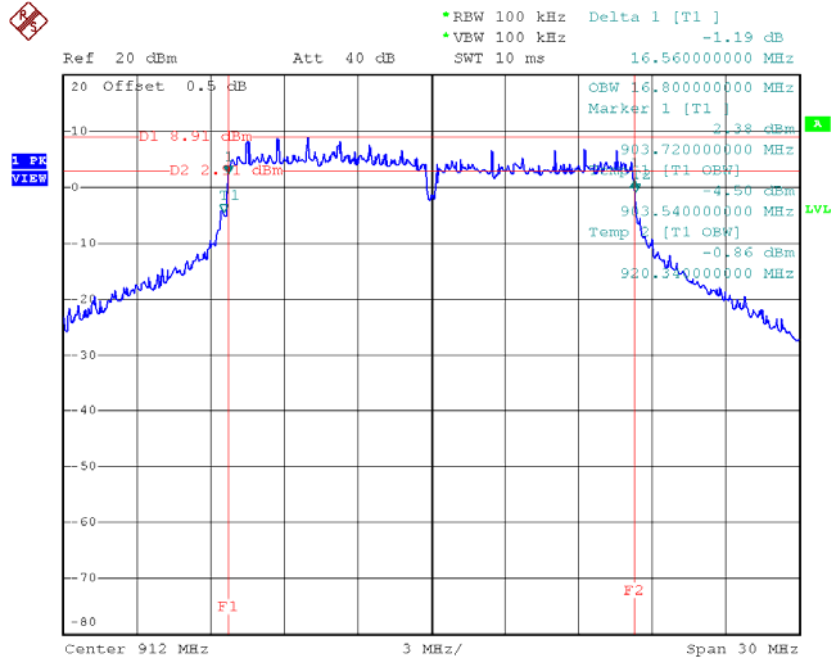


Date: 18.JUL.2016 14:48:14

|             |                               |
|-------------|-------------------------------|
| Test Mode : | TX G-20MHZ MODE CHANNEL 02/03 |
|-------------|-------------------------------|

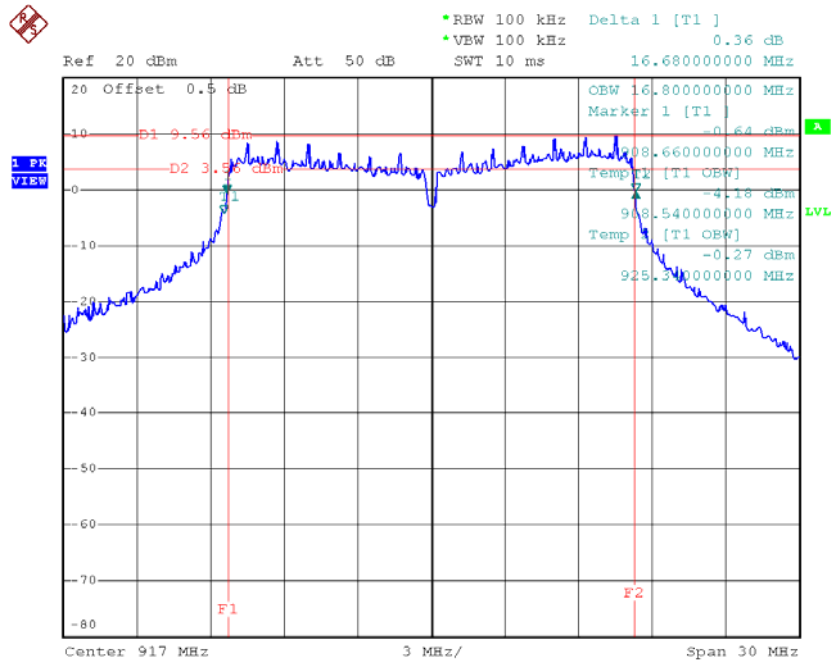
| Frequency<br>(MHz) | 6dB Bandwidth<br>(MHz) | 99% Occupied BW<br>(MHz) | Test Result |
|--------------------|------------------------|--------------------------|-------------|
| 912                | 16.56                  | 16.80                    | Complies    |
| 917                | 16.68                  | 16.80                    | Complies    |

### CH02



Date: 18.JUL.2016 12:53:36

### CH03

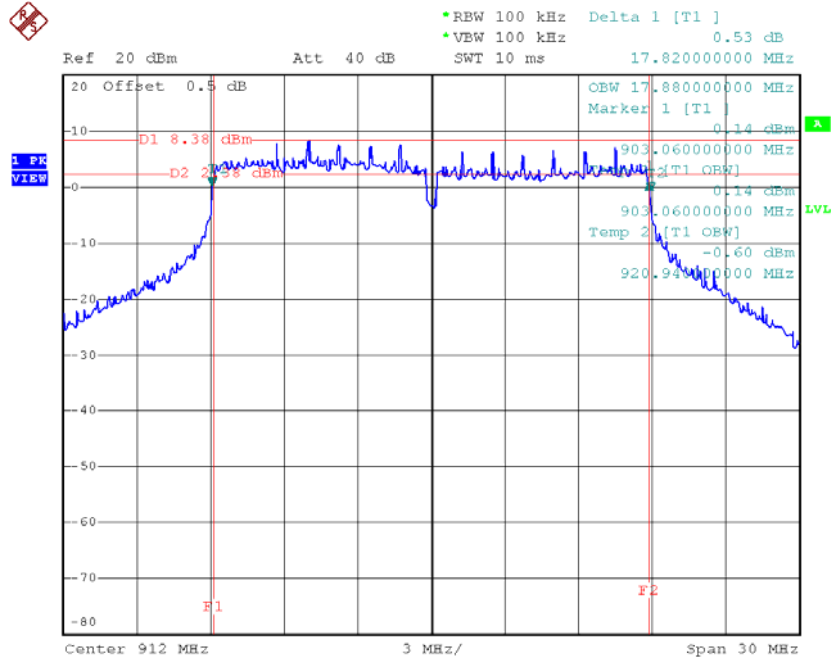


Date: 18.JUL.2016 14:02:14

|             |                               |
|-------------|-------------------------------|
| Test Mode : | TX N-20MHZ MODE CHANNEL 02/03 |
|-------------|-------------------------------|

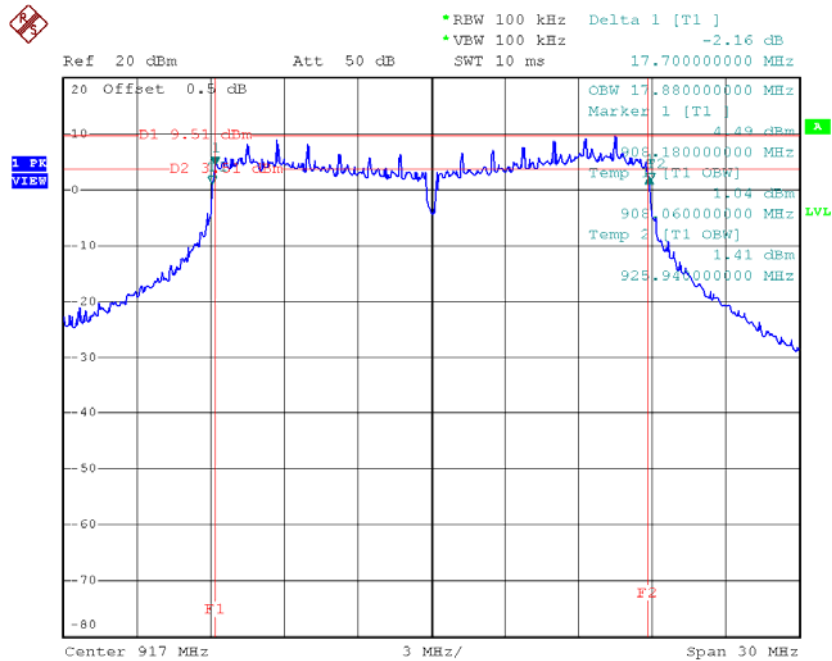
| Frequency<br>(MHz) | 6dB Bandwidth<br>(MHz) | 99% Occupied BW<br>(MHz) | Test Result |
|--------------------|------------------------|--------------------------|-------------|
| 912                | 17.82                  | 17.88                    | Complies    |
| 917                | 17.70                  | 17.88                    | Complies    |

### CH02



Date: 18.JUL.2016 12:51:06

### CH03



Date: 18.JUL.2016 12:47:48

## ATTACHMENT F - PEAK OUTPUT POWER

|             |                               |
|-------------|-------------------------------|
| Test Mode : | TX B-20MHZ MODE CHANNEL 02/03 |
|-------------|-------------------------------|

| Frequency (MHz) | Conducted Power (dBm) | Conducted Power (Watt) | Max. Limit (dBm) | Max. Limit (Watt) | Test Result |
|-----------------|-----------------------|------------------------|------------------|-------------------|-------------|
| 912             | 29.38                 | 0.8670                 | 30.00            | 1.0000            | Complies    |
| 917             | 29.57                 | 0.9057                 | 30.00            | 1.0000            | Complies    |

|             |                                    |
|-------------|------------------------------------|
| Test Mode : | TX G-5MHZ MODE CHANNEL 01/02/03/04 |
|-------------|------------------------------------|

| Frequency (MHz) | Conducted Power (dBm) | Conducted Power (Watt) | Max. Limit (dBm) | Max. Limit (Watt) | Test Result |
|-----------------|-----------------------|------------------------|------------------|-------------------|-------------|
| 907             | 26.91                 | 0.4909                 | 30.00            | 1.0000            | Complies    |
| 912             | 29.40                 | 0.8710                 | 30.00            | 1.0000            | Complies    |
| 917             | 29.20                 | 0.8318                 | 30.00            | 1.0000            | Complies    |
| 922             | 29.36                 | 0.8630                 | 30.00            | 1.0000            | Complies    |

|             |                                     |
|-------------|-------------------------------------|
| Test Mode : | TX G-10MHZ MODE CHANNEL 01/02/03/04 |
|-------------|-------------------------------------|

| Frequency (MHz) | Conducted Power (dBm) | Conducted Power (Watt) | Max. Limit (dBm) | Max. Limit (Watt) | Test Result |
|-----------------|-----------------------|------------------------|------------------|-------------------|-------------|
| 907             | 26.44                 | 0.4406                 | 30.00            | 1.0000            | Complies    |
| 912             | 29.32                 | 0.8551                 | 30.00            | 1.0000            | Complies    |
| 917             | 29.12                 | 0.8166                 | 30.00            | 1.0000            | Complies    |
| 922             | 29.57                 | 0.9057                 | 30.00            | 1.0000            | Complies    |

|             |                               |
|-------------|-------------------------------|
| Test Mode : | TX G-20MHZ MODE CHANNEL 02/03 |
|-------------|-------------------------------|

| Frequency (MHz) | Conducted Power (dBm) | Conducted Power (Watt) | Max. Limit (dBm) | Max. Limit (Watt) | Test Result |
|-----------------|-----------------------|------------------------|------------------|-------------------|-------------|
| 912             | 29.86                 | 0.9683                 | 30.00            | 1.0000            | Complies    |
| 917             | 29.56                 | 0.9036                 | 30.00            | 1.0000            | Complies    |

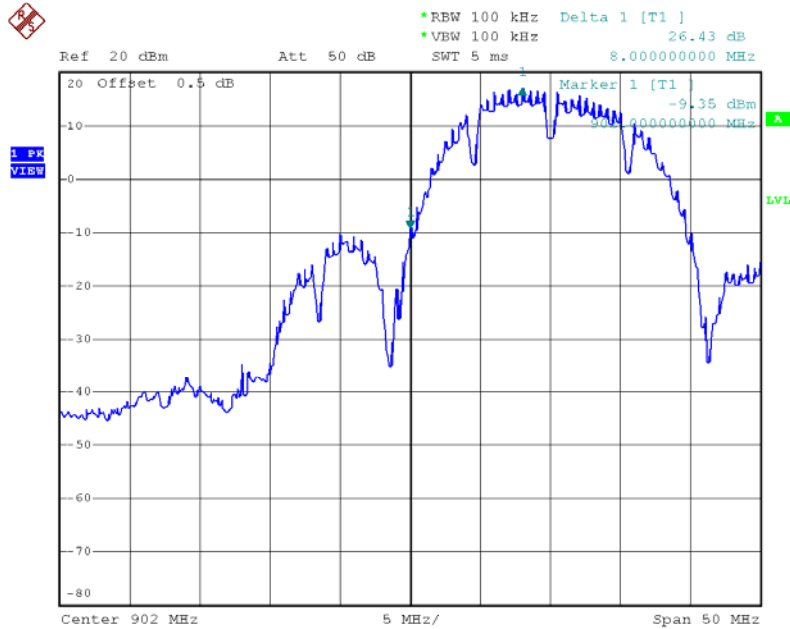
|             |                               |
|-------------|-------------------------------|
| Test Mode : | TX N-20MHZ MODE CHANNEL 02/03 |
|-------------|-------------------------------|

| Frequency (MHz) | Conducted Power (dBm) | Conducted Power (Watt) | Max. Limit (dBm) | Max. Limit (Watt) | Test Result |
|-----------------|-----------------------|------------------------|------------------|-------------------|-------------|
| 912             | 27.78                 | 0.5998                 | 30.00            | 1.0000            | Complies    |
| 917             | 29.67                 | 0.9268                 | 30.00            | 1.0000            | Complies    |

## ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION

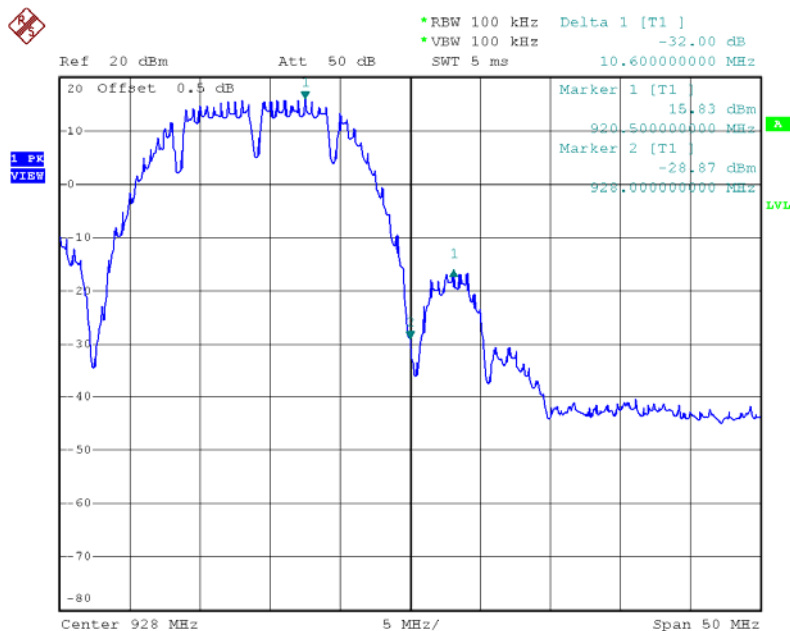
Test Mode : TX B-20MHZ MODE CHANNEL 02/03

### CH02 (Lower)



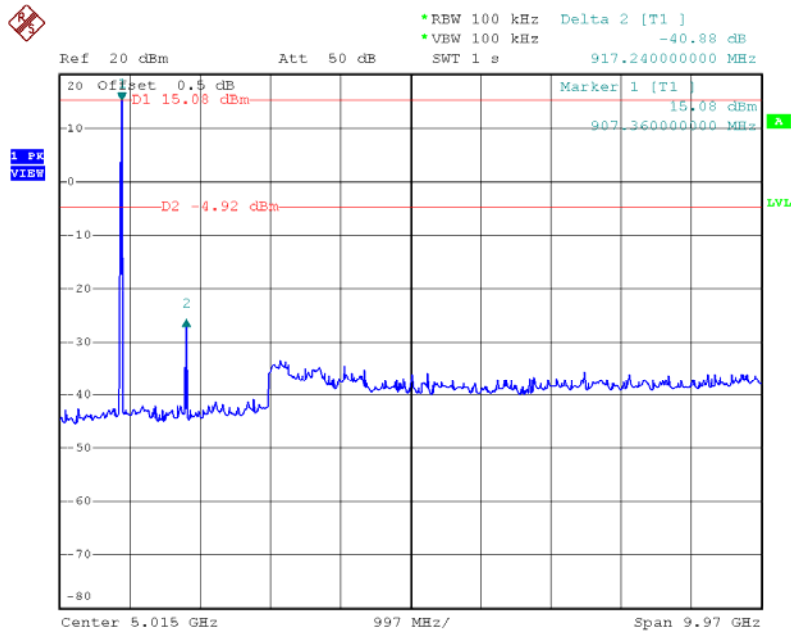
Date: 18.JUL.2016 13:11:57

### CH03 (Upper)



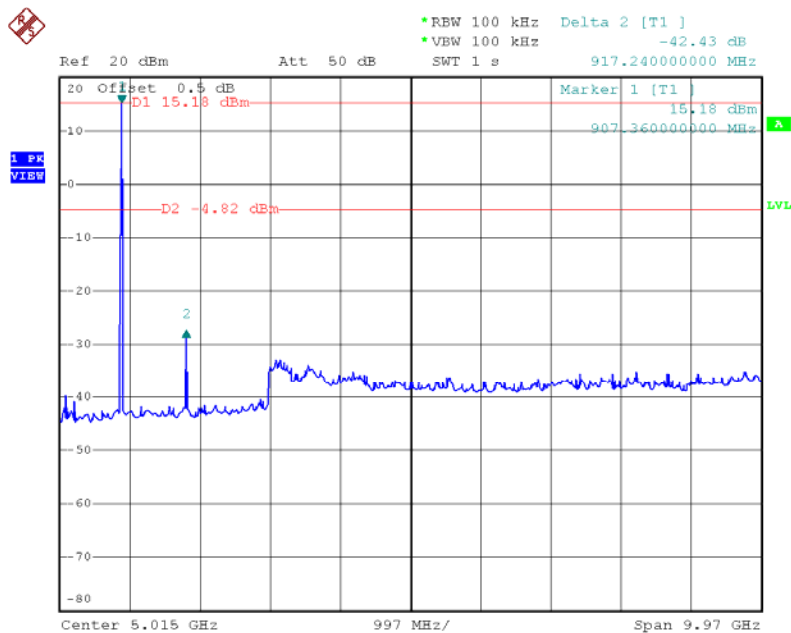
Date: 18.JUL.2016 13:23:30

### CH02 (10 Harmonic of the frequency)



Date: 18.JUL.2016 13:16:19

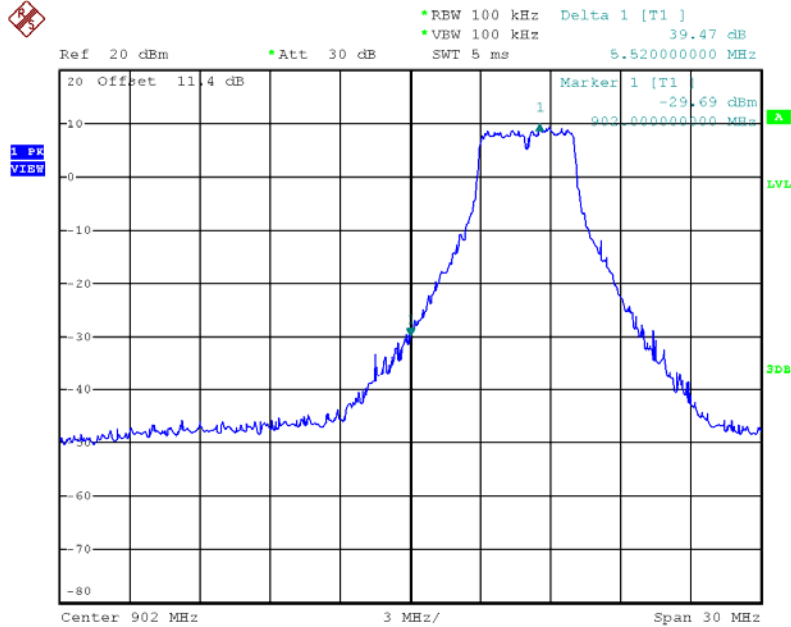
### CH03 (10 Harmonic of the frequency)



Date: 18.JUL.2016 13:18:54

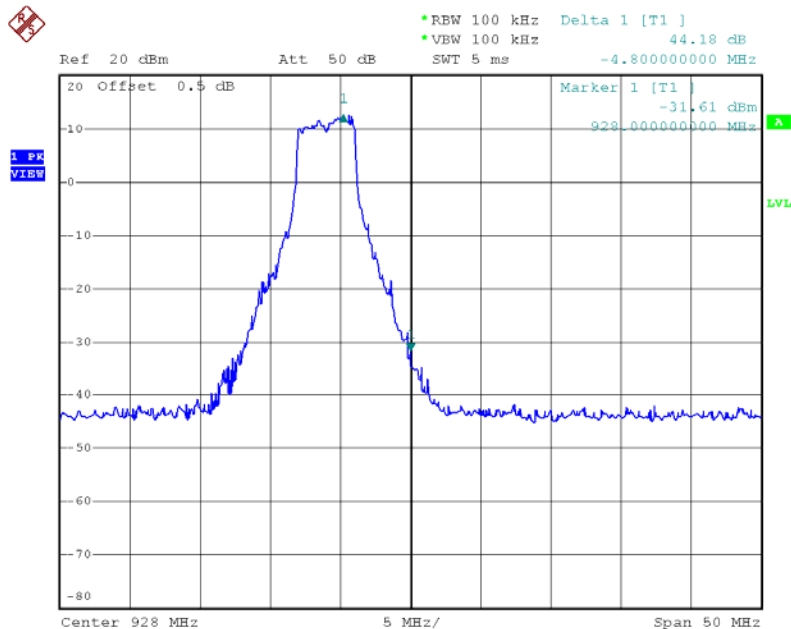
Test Mode : TX G-5MHZ MODE CHANNEL 01/02/04

### CH01 (Lower)



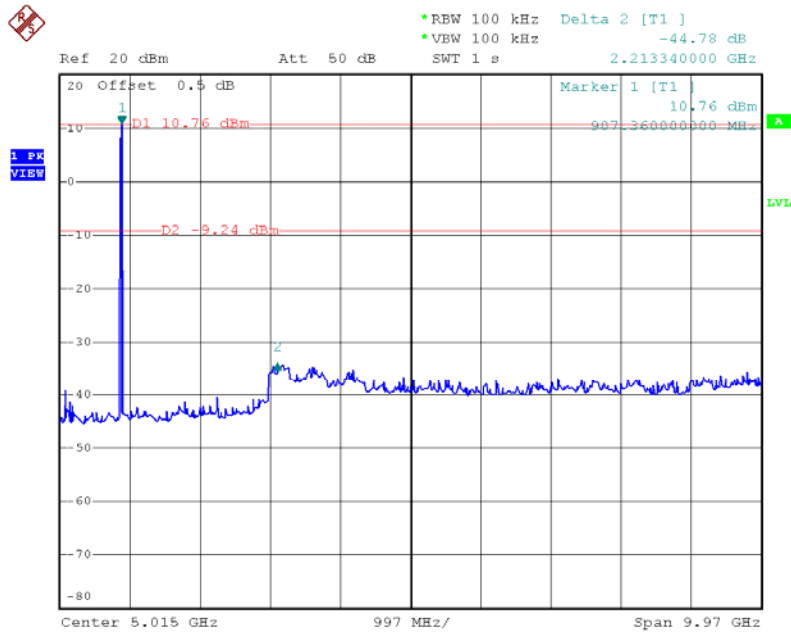
Date: 28.NOV.2016 22:54:28

### CH04(Upper)



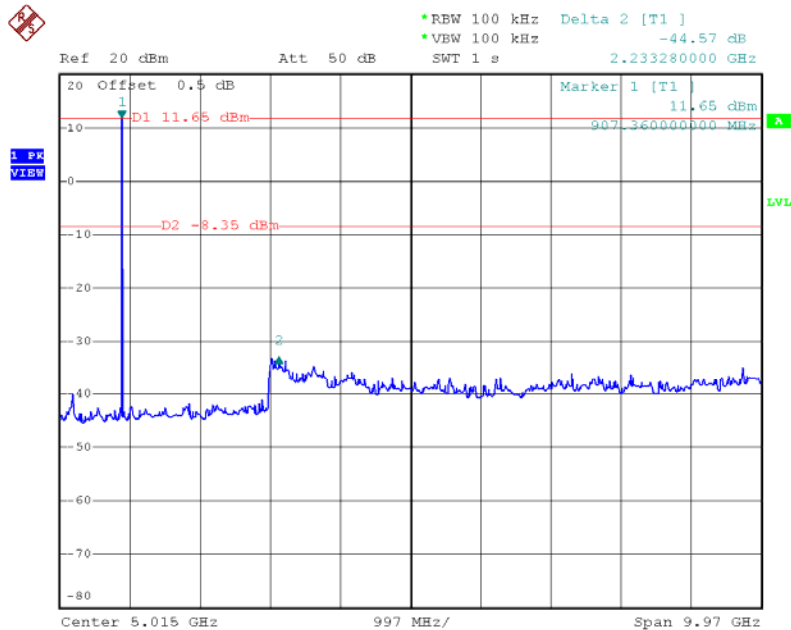
Date: 18.JUL.2016 15:19:43

### CH01 (10 Harmonic of the frequency)



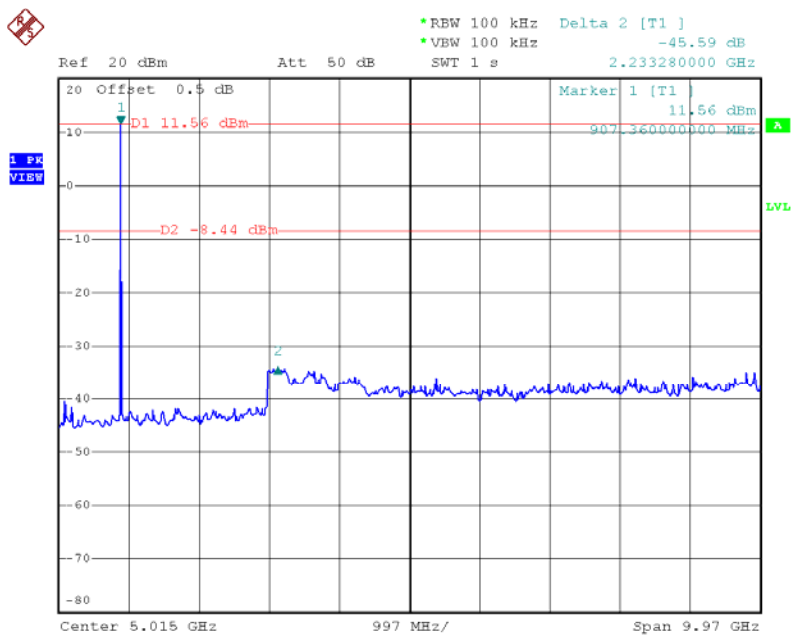
Date: 18.JUL.2016 15:09:28

### CH02 (10 Harmonic of the frequency)



Date: 18.JUL.2016 15:11:51

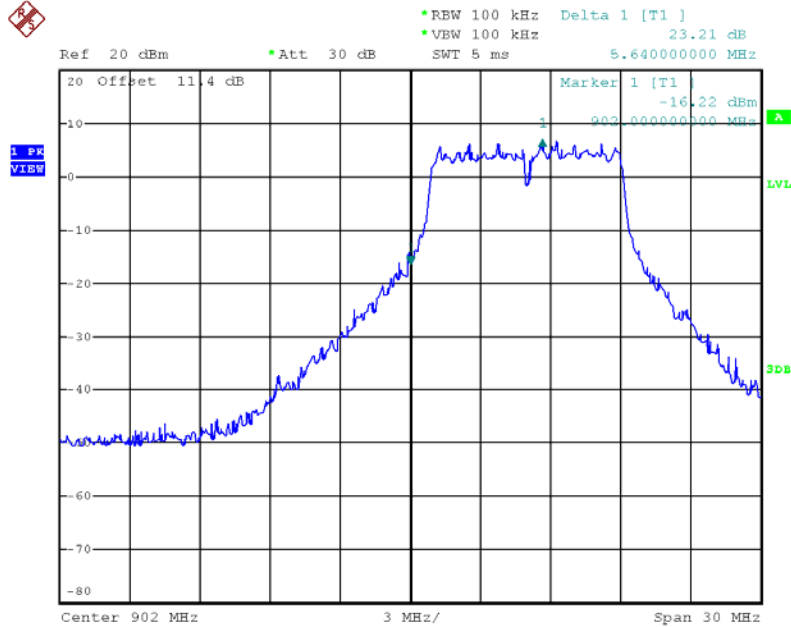
### CH04 (10 Harmonic of the frequency)



Date: 18.JUL.2016 15:21:24

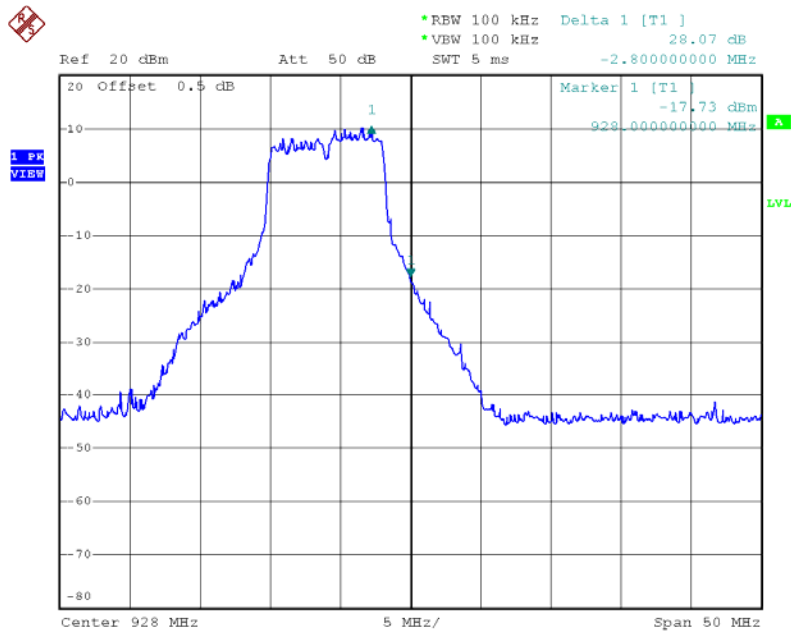
Test Mode : TX G-10MHZ MODE CHANNEL 01/02/04

### CH01 (Lower)



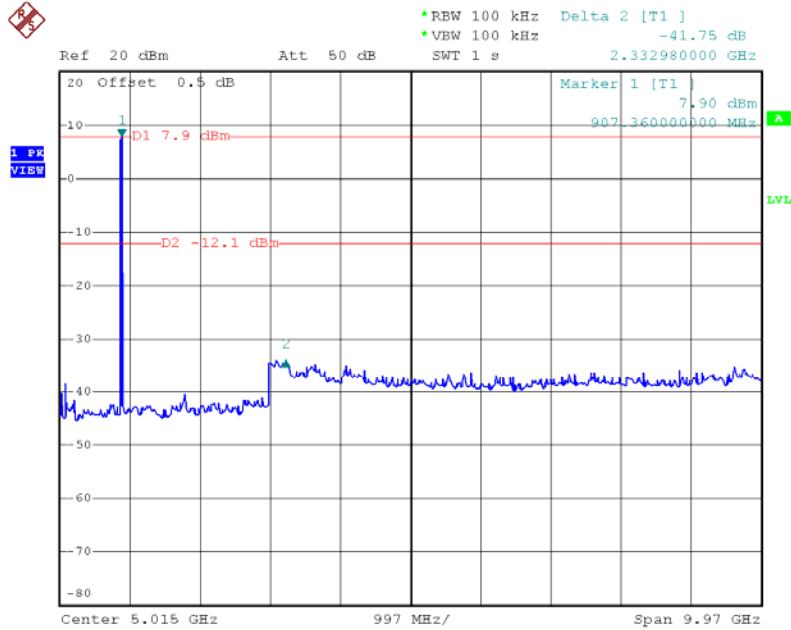
Date: 28.NOV.2016 22:59:29

### CH04(Upper)



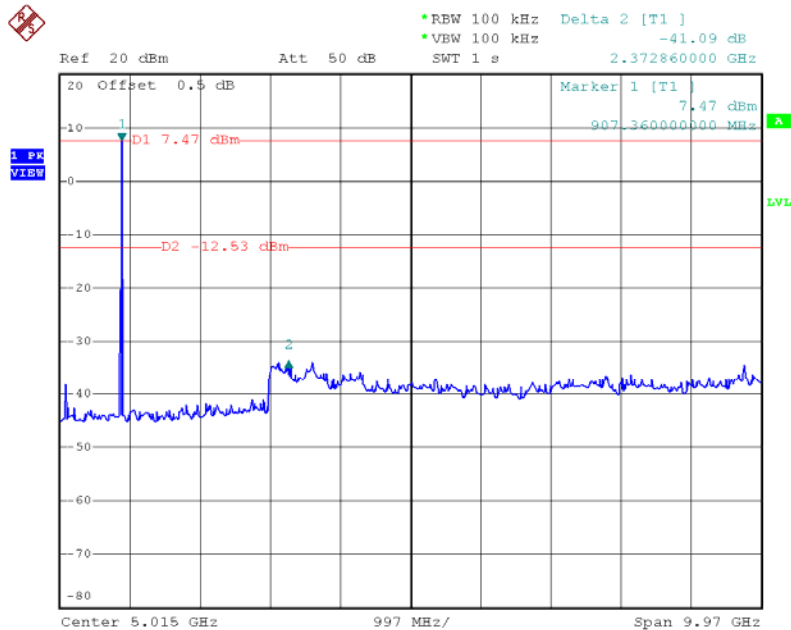
Date: 18.JUL.2016 14:42:15

### CH01 (10 Harmonic of the frequency)



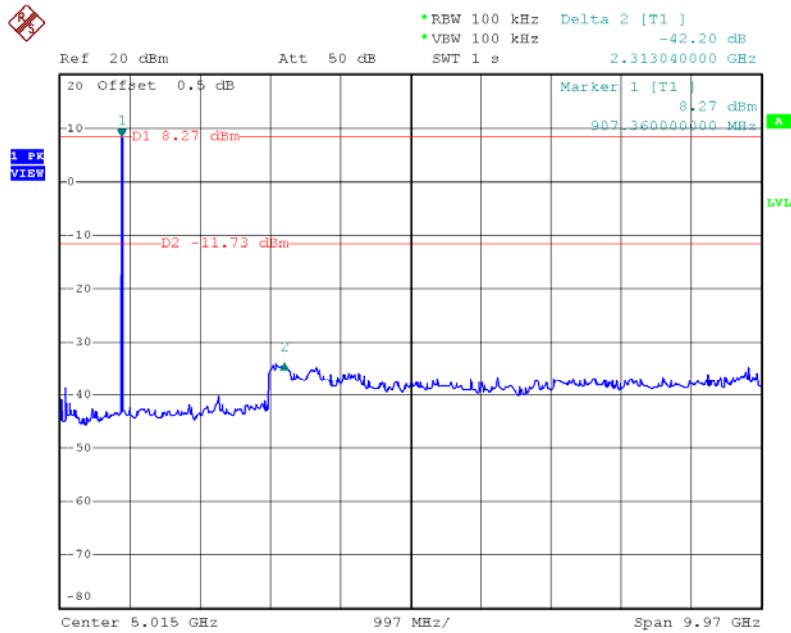
Date: 18.JUL.2016 14:37:08

### CH02 (10 Harmonic of the frequency)



Date: 18.JUL.2016 14:55:02

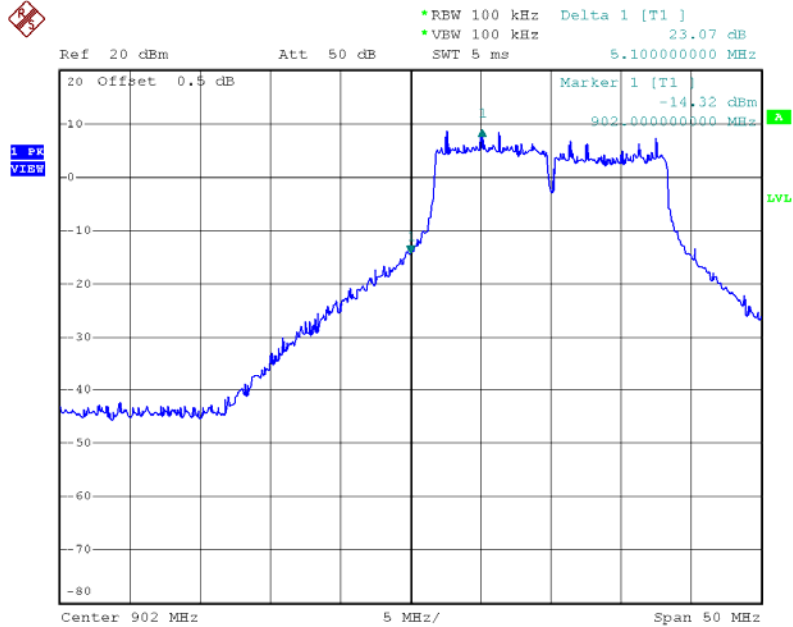
### CH04 (10 Harmonic of the frequency)



Date: 18.JUL.2016 14:44:08

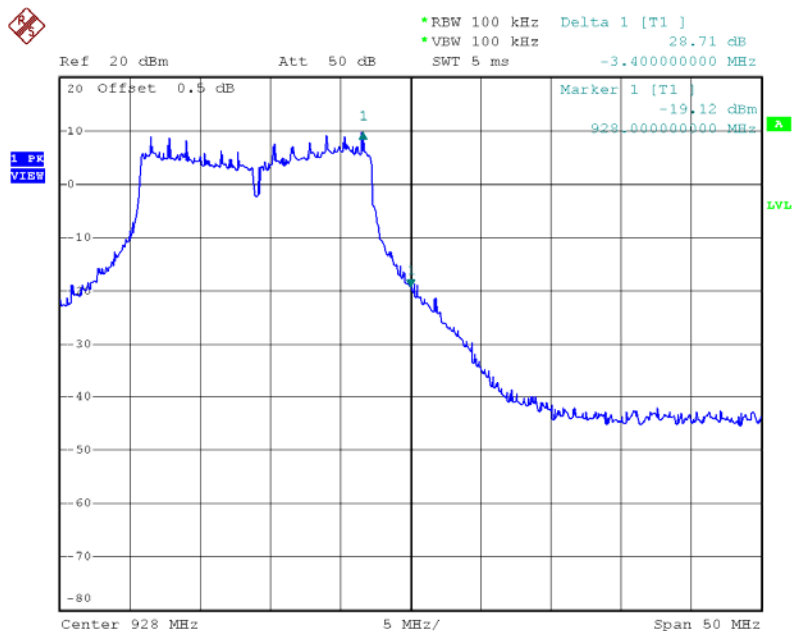
Test Mode : TX G-20MHZ MODE CHANNEL 02/03

### CH02 (Lower)



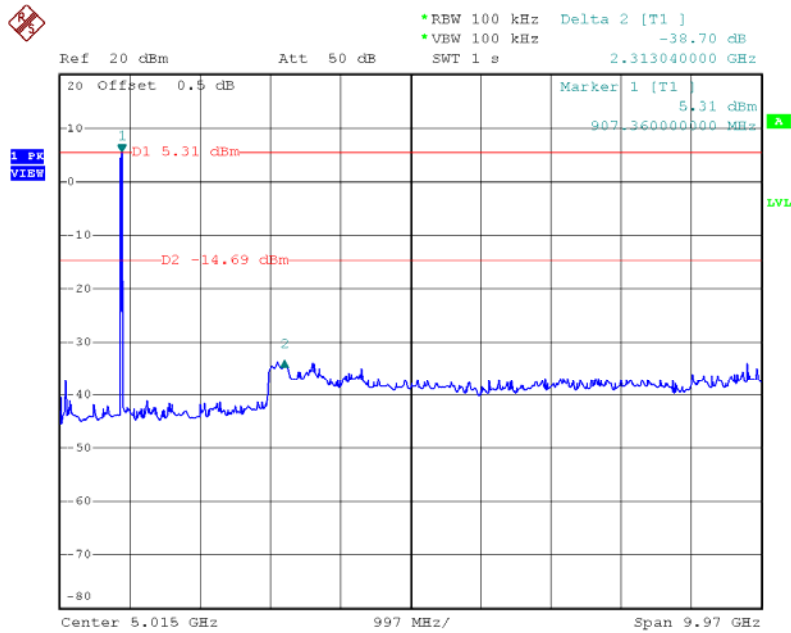
Date: 18.JUL.2016 13:49:41

### CH03 (Upper)



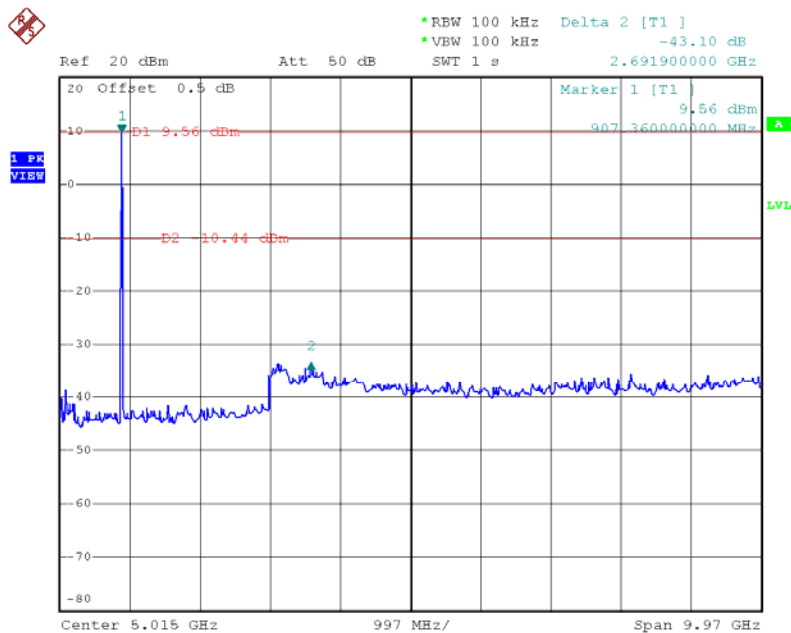
Date: 18.JUL.2016 13:58:46

### CH02 (10 Harmonic of the frequency)



Date: 18.JUL.2016 13:54:45

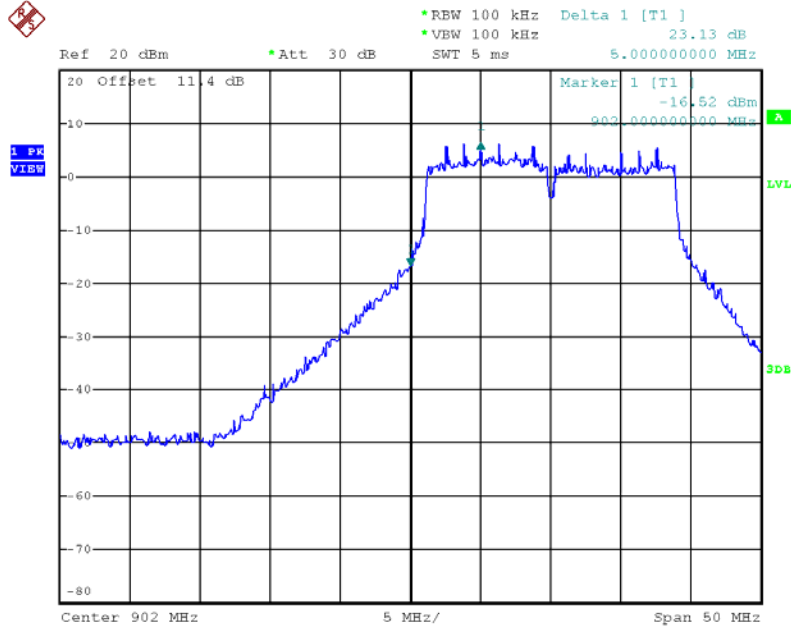
### CH03 (10 Harmonic of the frequency)



Date: 18.JUL.2016 13:56:53

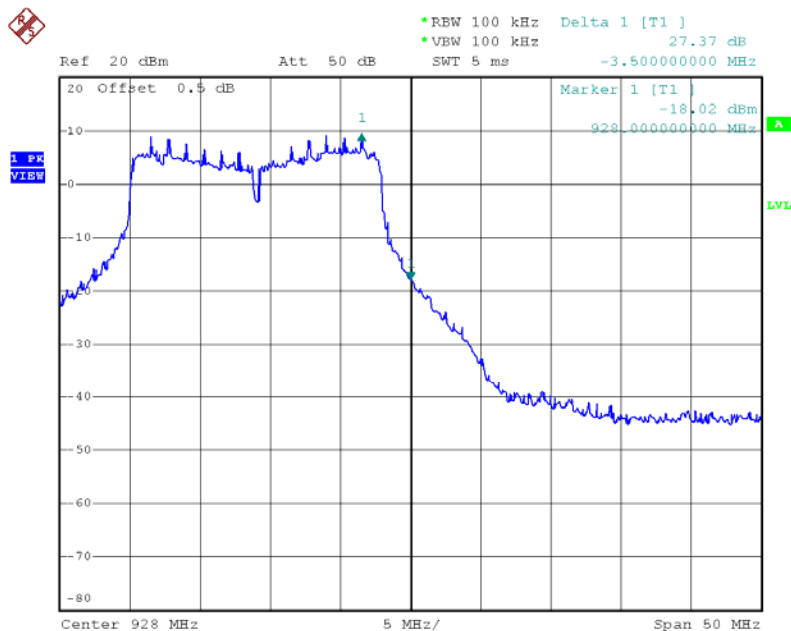
Test Mode : TX N-20MHZ MODE CHANNEL 02/03

### CH02 (Lower)



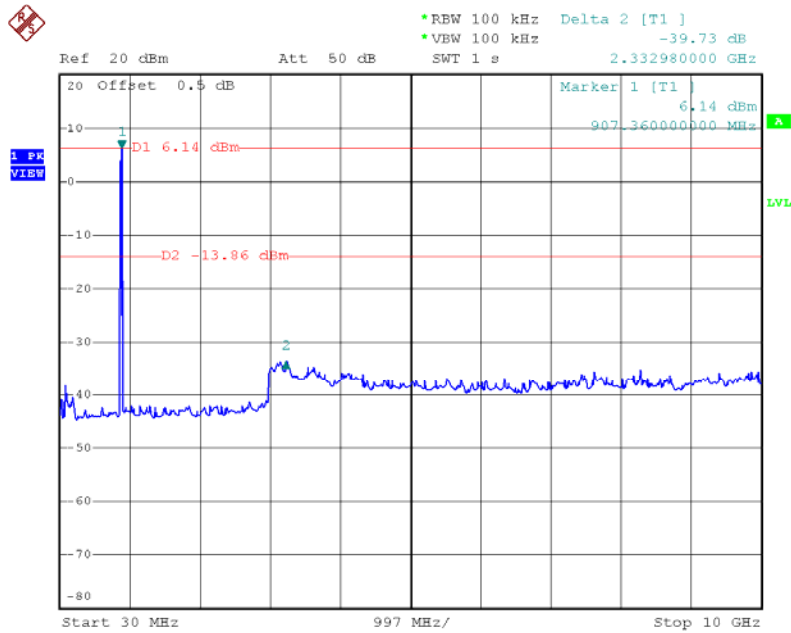
Date: 29.NOV.2016 01:27:10

### CH03 (Upper)



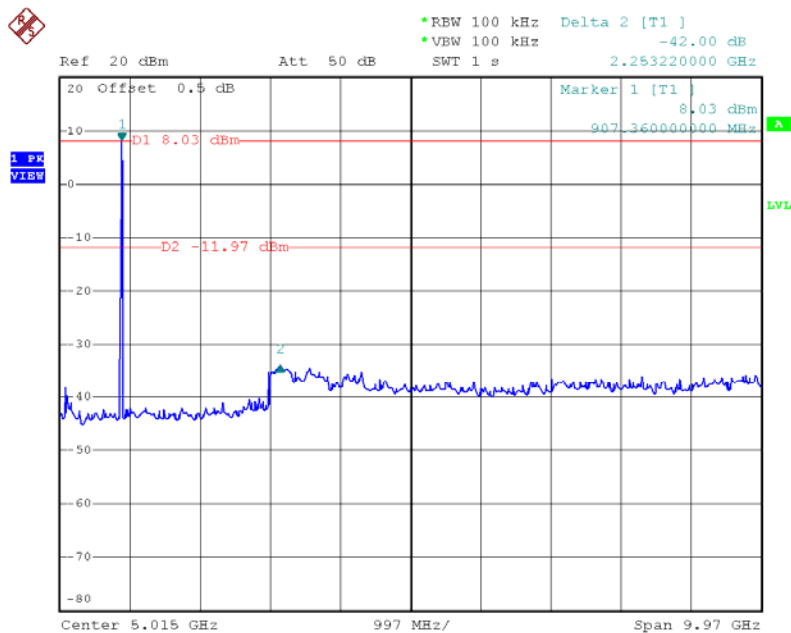
Date: 18.JUL.2016 13:27:07

### CH02 (10 Harmonic of the frequency)



Date: 18.JUL.2016 13:34:34

### CH03 (10 Harmonic of the frequency)



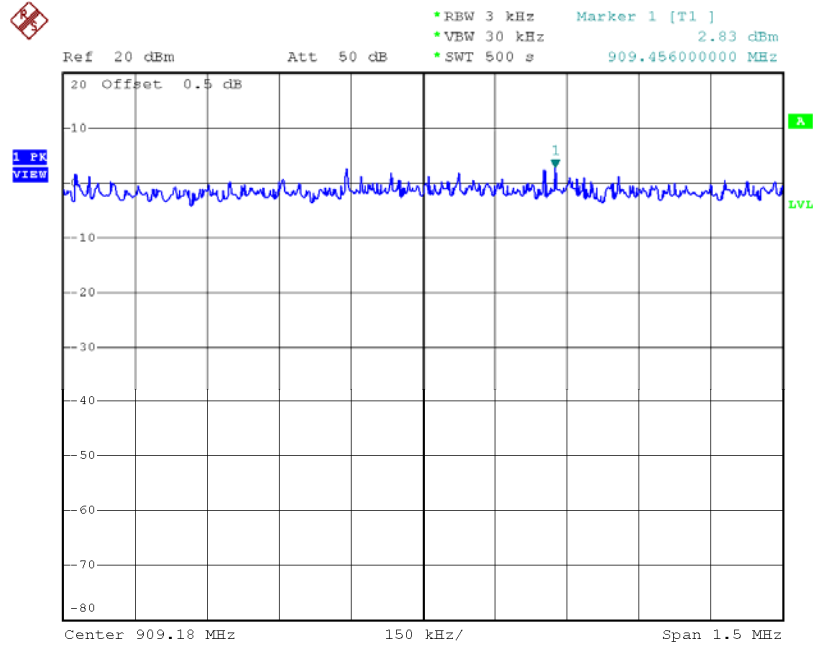
Date: 18.JUL.2016 13:31:13

## ATTACHMENT H - POWER SPECTRAL DENSITY

|             |                               |
|-------------|-------------------------------|
| Test Mode : | TX B-20MHZ MODE CHANNEL 02/03 |
|-------------|-------------------------------|

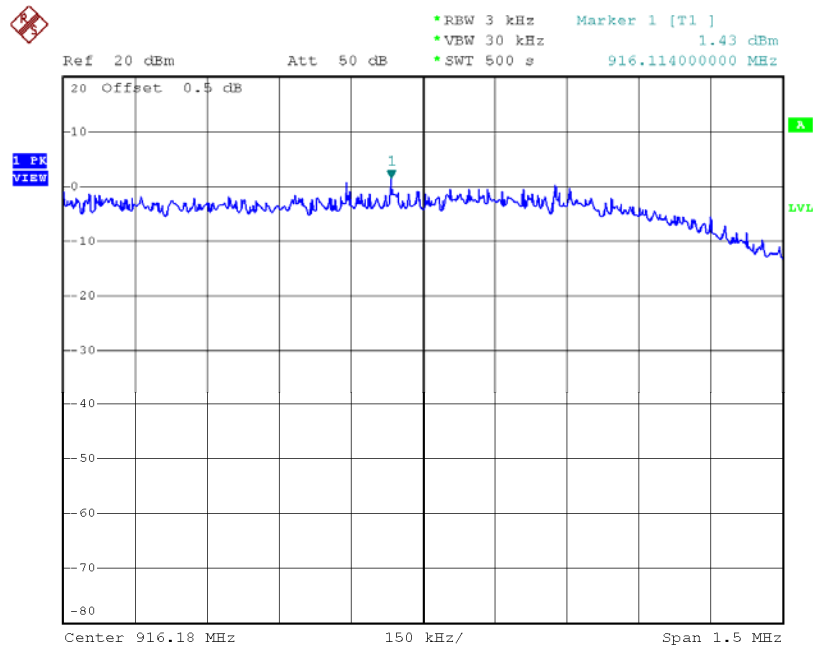
| Frequency<br>(MHz) | Power Density<br>(dBm/3kHz) | Power Density<br>(mW/3kHz) | Max. Limit<br>(dBm/3kHz) | Result   |
|--------------------|-----------------------------|----------------------------|--------------------------|----------|
| 912                | 2.83                        | 1.92                       | 8.00                     | Complies |
| 917                | 1.43                        | 1.39                       | 8.00                     | Complies |

### CH02



Date: 25.JUL.2016 10:34:23

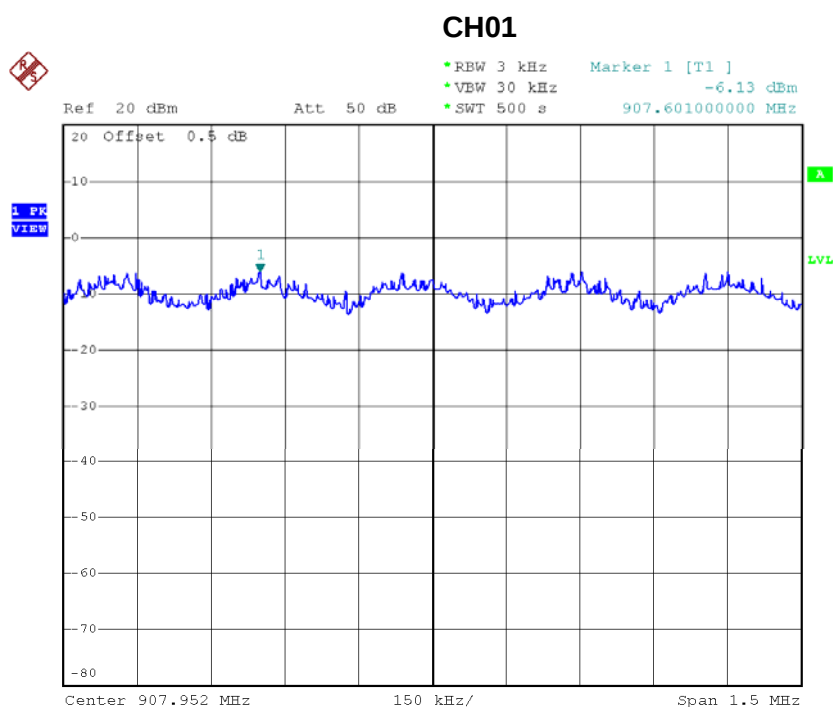
### CH03



Date: 25.JUL.2016 10:42:36

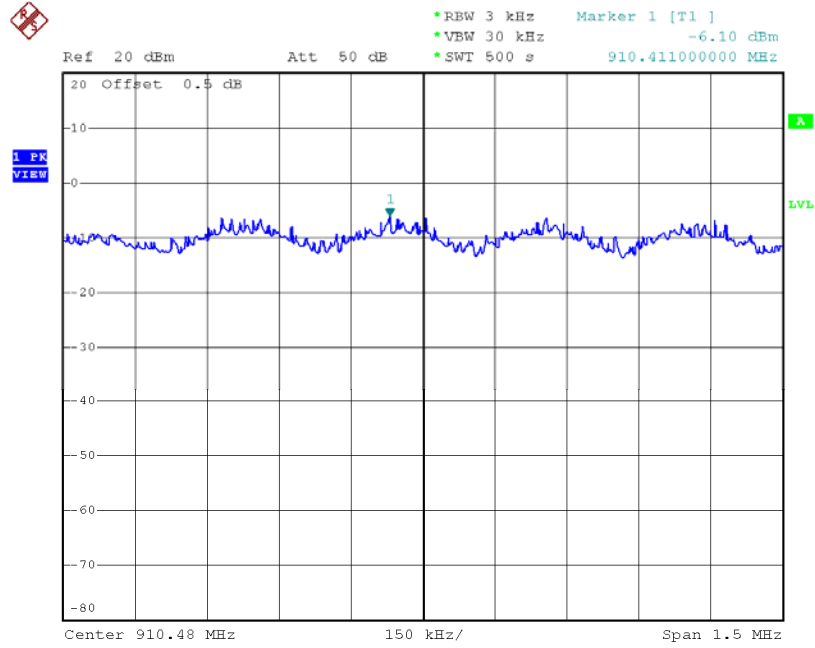
|             |                                 |
|-------------|---------------------------------|
| Test Mode : | TX G-5MHZ MODE CHANNEL 01/02/04 |
|-------------|---------------------------------|

| Frequency (MHz) | Power Density (dBm/3kHz) | Power Density (mW/3kHz) | Max. Limit (dBm/3kHz) | Result   |
|-----------------|--------------------------|-------------------------|-----------------------|----------|
| 907             | -6.13                    | 0.24                    | 8.00                  | Complies |
| 912             | -6.10                    | 0.25                    | 8.00                  | Complies |
| 922             | -4.32                    | 0.37                    | 8.00                  | Complies |



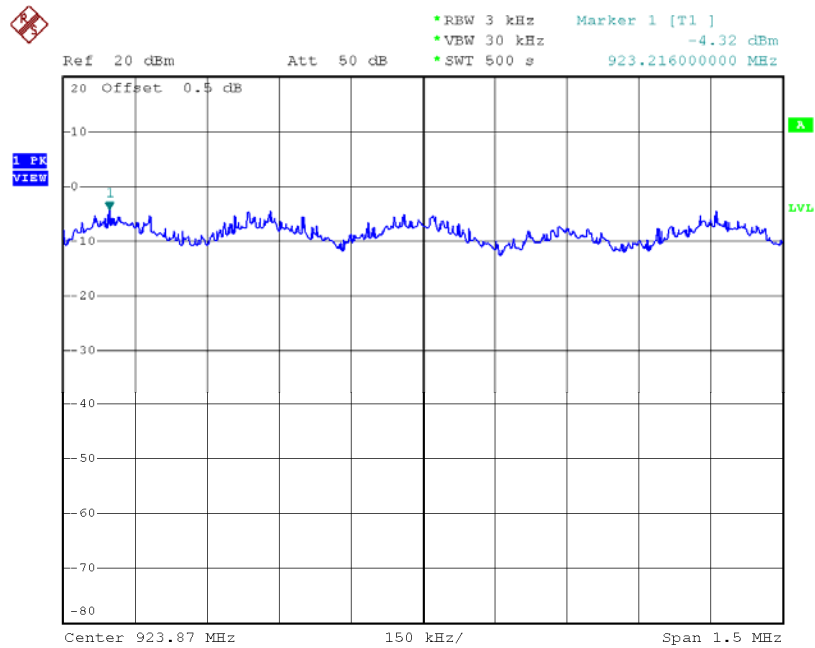
Date: 25.JUL.2016 11:03:38

### CH02



Date: 25.JUL.2016 11:00:37

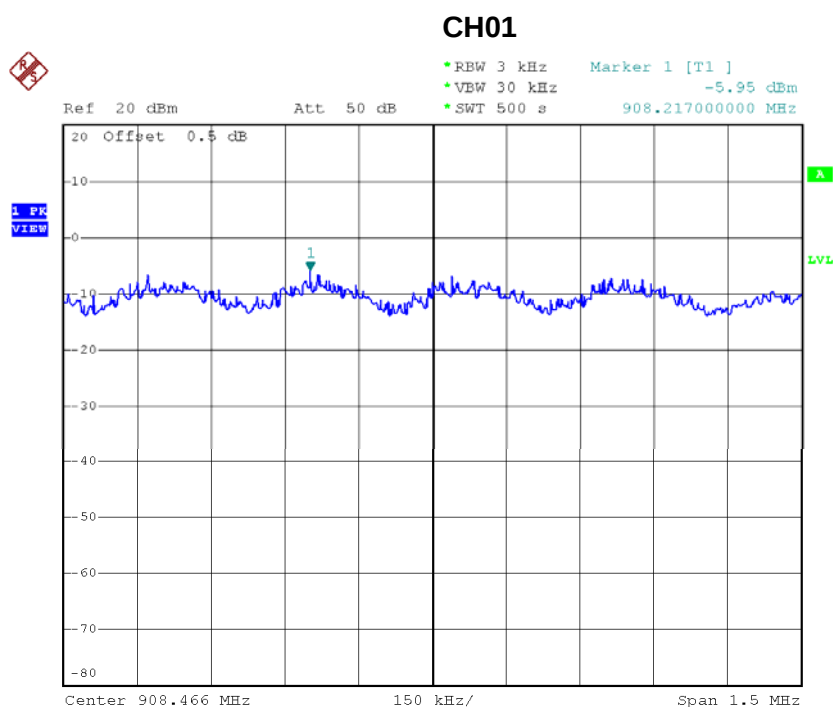
### CH04



Date: 25.JUL.2016 10:58:49

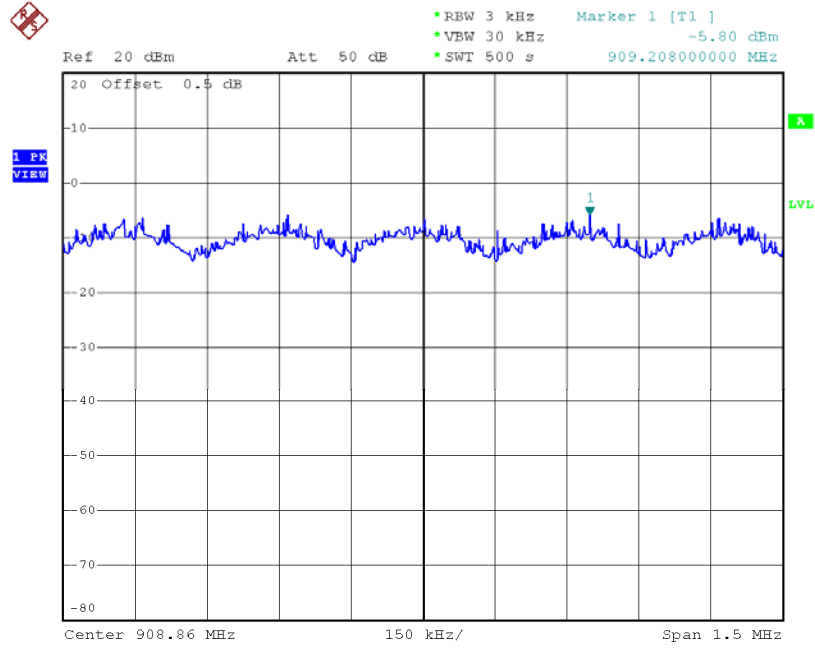
|             |                                  |
|-------------|----------------------------------|
| Test Mode : | TX G-10MHZ MODE CHANNEL 01/02/04 |
|-------------|----------------------------------|

| Frequency (MHz) | Power Density (dBm/3kHz) | Power Density (mW/3kHz) | Max. Limit (dBm/3kHz) | Result   |
|-----------------|--------------------------|-------------------------|-----------------------|----------|
| 907             | -5.95                    | 0.25                    | 8.00                  | Complies |
| 912             | -5.80                    | 0.26                    | 8.00                  | Complies |
| 922             | -3.87                    | 0.41                    | 8.00                  | Complies |



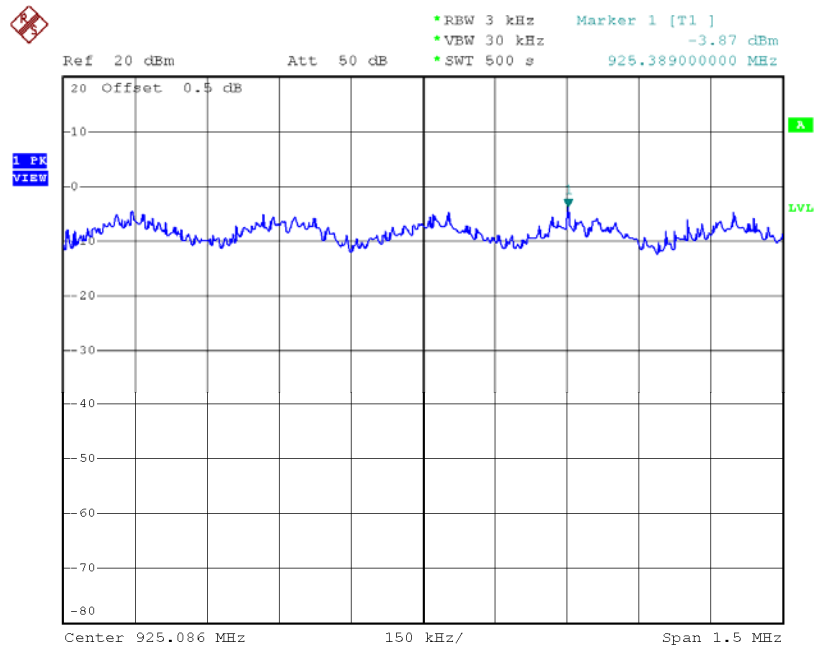
Date: 25.JUL.2016 10:53:33

### CH02



Date: 25.JUL.2016 10:51:20

### CH04

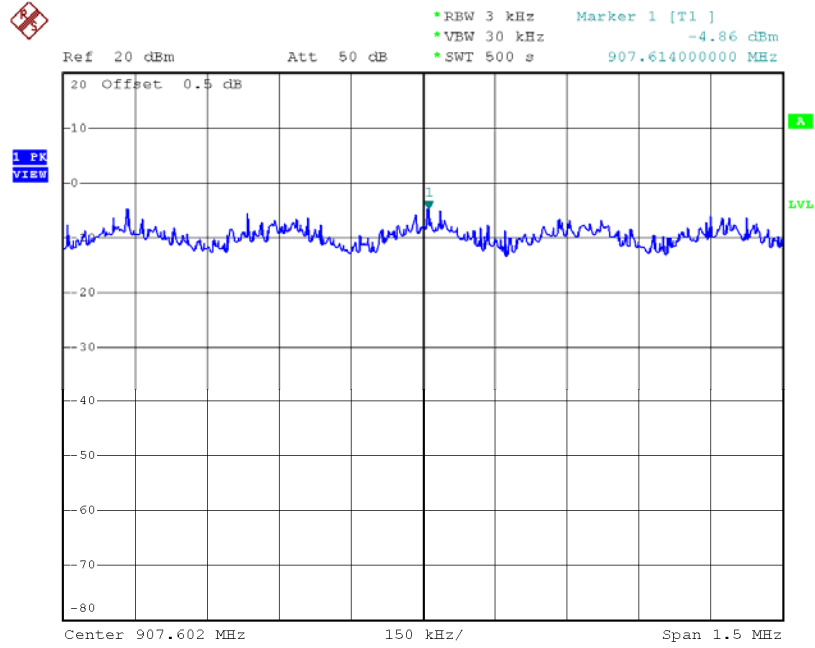


Date: 25.JUL.2016 10:56:29

|             |                               |
|-------------|-------------------------------|
| Test Mode : | TX G-20MHZ MODE CHANNEL 02/03 |
|-------------|-------------------------------|

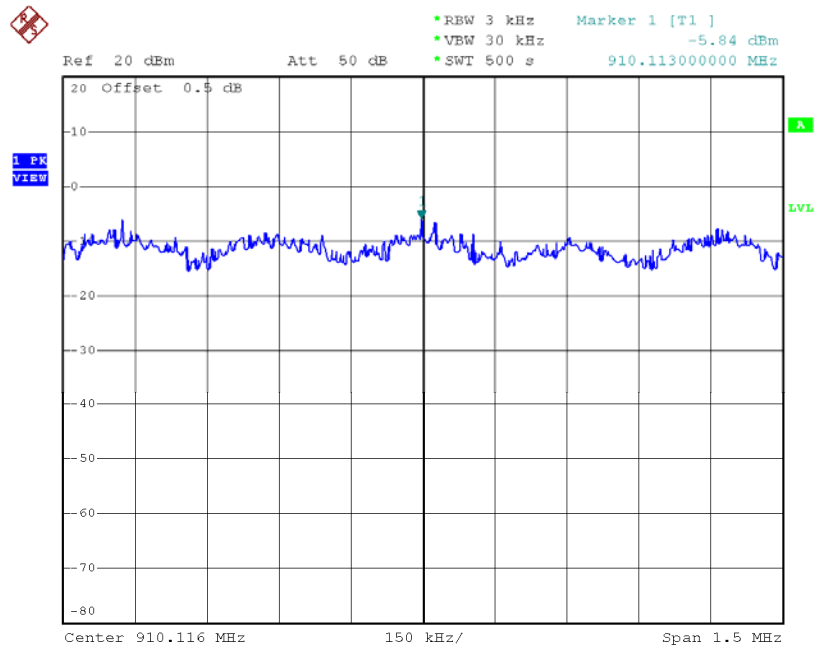
| Frequency<br>(MHz) | Power Density<br>(dBm/3kHz) | Power Density<br>(mW/3kHz) | Max. Limit<br>(dBm/3kHz) | Result   |
|--------------------|-----------------------------|----------------------------|--------------------------|----------|
| 912                | -4.86                       | 0.33                       | 8.00                     | Complies |
| 917                | -5.84                       | 0.26                       | 8.00                     | Complies |

### CH02



Date: 25.JUL.2016 10:49:06

### CH03

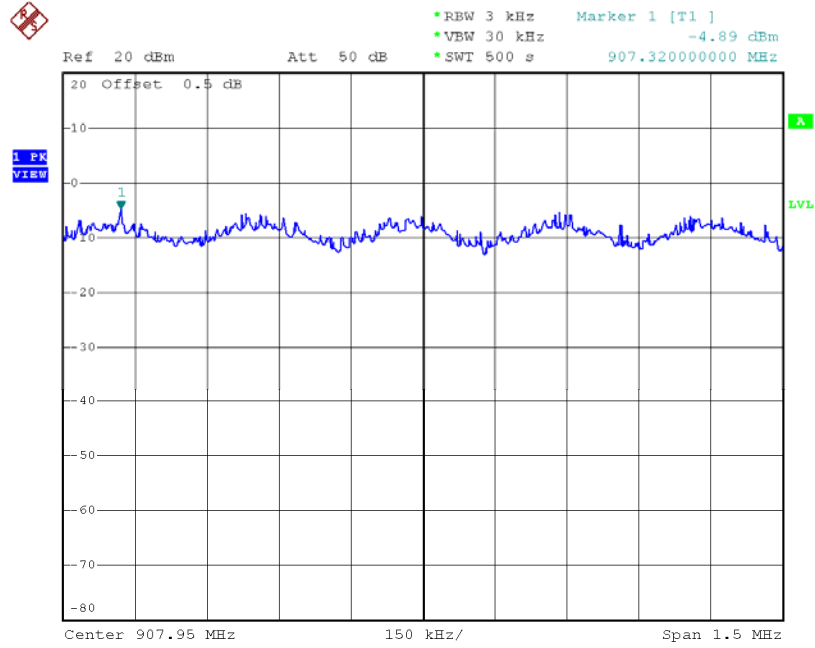


Date: 25.JUL.2016 10:46:30

|             |                               |
|-------------|-------------------------------|
| Test Mode : | TX N-20MHZ MODE CHANNEL 02/03 |
|-------------|-------------------------------|

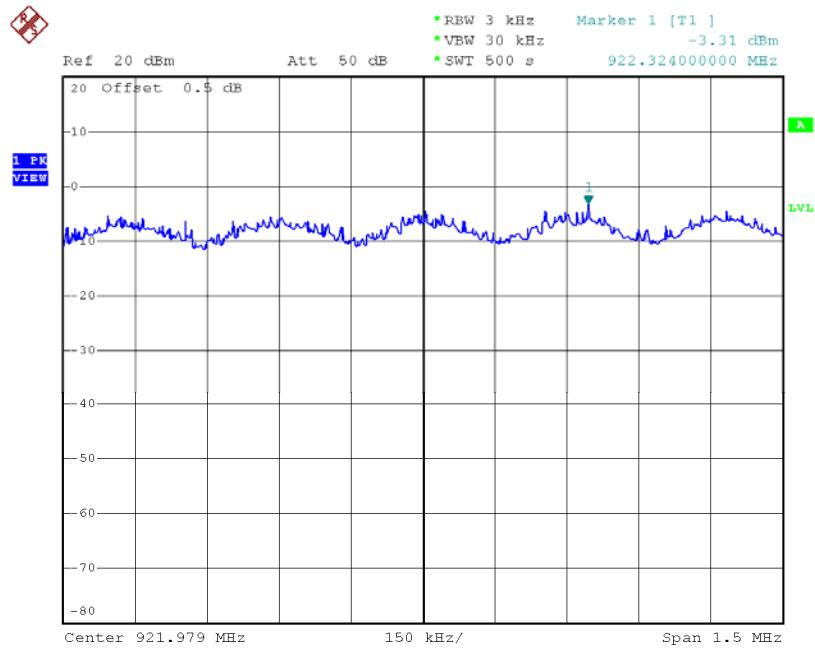
| Frequency<br>(MHz) | Power Density<br>(dBm/3kHz) | Power Density<br>(mW/3kHz) | Max. Limit<br>(dBm/3kHz) | Result   |
|--------------------|-----------------------------|----------------------------|--------------------------|----------|
| 912                | -4.89                       | 0.32                       | 8.00                     | Complies |
| 917                | -3.31                       | 0.47                       | 8.00                     | Complies |

### CH02



Date: 25.JUL.2016 11:09:02

### CH03



Date: 25.JUL.2016 11:21:02