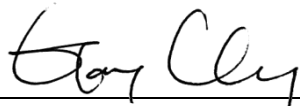


# FCC Test Report

**FCC ID** : MXF-WLTCS105  
**Equipment** : Band 41 TD-LTE Outdoor CPE  
**Model No.** : WLTCS-105  
**Brand Name** : Gemtek  
**Applicant** : Gemtek Technology Co., Ltd.  
**Address** : No. 15-1 Zhonghua Road, Hsinchu Industrial  
Park, Hukou, Hsinchu, Taiwan, 30352.  
**Standard** : 47 CFR FCC Part 27 Subpart M  
**Received Date** : Feb. 18, 2014  
**Tested Date** : Apr. 14 ~ Apr. 15, 2014

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

Approved & Reviewed by:



Gary Chang / Manager



Testing Laboratory  
2732

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## Release Record

| Report No.   | Version | Description   | Issued Date   |
|--------------|---------|---------------|---------------|
| FG421804P27M | Rev. 01 | Initial issue | Apr. 30, 2014 |

## Summary of Test Results

| FCC Rules               | Description of Test      | Measured                            | Result |
|-------------------------|--------------------------|-------------------------------------|--------|
| 2.1046 / 27.50(h)(2)    | Output power             | Conducted Power[dBm]:<br>LTE: 23.15 | Pass   |
| 2.1053 / 27.53(l)(4)(6) | Radiated Emissions       | Meet the requirement of limit       | Pass   |
| 2.1051 / 27.53(l)(4)(6) | Conducted Emissions      | Meet the requirement of limit       | Pass   |
| 2.1051 / 27.53(l)(4)(6) | Channel Edge Measurement | Meet the requirement of limit       | Pass   |
| 2.1049(h) / 27.53(l)(6) | Emission Bandwidth       | Meet the requirement of limit       | Pass   |
| 2.1055 / 27.54          | Frequency Stability      | Meet the requirement of limit       | Pass   |

# 1 General Description

## 1.1 Information

The EUT has two versions, with VOIP and without VOIP functions.

The minor difference is only for non-transmitter portions (Components of VOIP function is soldered or not)  
RF part is identical to each version

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

|                                  |   |
|----------------------------------|---|
| <b>Operating Frequency (MHz)</b> | Channel Bandwidth: 5MHz: 2498.5~2687.5<br>Channel Bandwidth: 10MHz: 2501~2685<br>Channel Bandwidth: 15MHz: 2503.5~2682.5<br>Channel Bandwidth: 20MHz: 2506~2680 |
| <b>Modulation Type</b>           | Uplink : QPSK, 16QAM<br>Downlink : QPSK, 16QAM, 64QAM   |
| <b>Duplex Mode</b>               | TDD   |
| <b>Category</b>                  | 4   |
| <b>Release Version</b>           | 9   |
| <b>H/W Version</b>               | Mother board: V02A ; Daughter board: V02  |
| <b>S/W Version</b>               | 01.01.02.016  |

### 1.1.2 Maximum EIRP, Frequency Tolerance and Emission Designator

| Mode                   | Modulation | Maximum Conducted Power (W) | Emission Designator |
|------------------------|------------|-----------------------------|---------------------|
| LTE Band 41, CB: 5MHz  | QPSK       | 0.2065                      | 4M47G7D             |
| LTE Band 41, CB: 5MHz  | 16QAM      | 0.1799                      | 4M46W7D             |
| LTE Band 41, CB: 10MHz | QPSK       | 0.1936                      | 8M98G7D             |
| LTE Band 41, CB: 10MHz | 16QAM      | 0.1629                      | 8M96W7D             |
| LTE Band 41, CB: 15MHz | QPSK       | 0.2056                      | 13M3G7D             |
| LTE Band 41, CB: 15MHz | 16QAM      | 0.1698                      | 13M4W7D             |
| LTE Band 41, CB: 20MHz | QPSK       | 0.1816                      | 17M9G7D             |
| LTE Band 41, CB: 20MHz | 16QAM      | 0.1592                      | 17M9W7D             |

### 1.1.3 Antenna Details

| Ant. No. | Type  | Gain (dBi) | Connector | Remark |
|----------|-------|------------|-----------|--------|
| 1        | Patch | 15.15      | MHF       | ---    |

### 1.1.4 EUT Operational Condition

|                             |   |   |  |
|-----------------------------|---|---|--|
| <b>Power Supply Type</b>    | 56Vdc from POE                                  |   |  |
| <b>Operational Climatic</b> | <input checked="" type="checkbox"/> Tnom (20°C) | <input checked="" type="checkbox"/> Tmax (55°C) | <input checked="" type="checkbox"/> Tmin (-40°C) |

### 1.1.5 Operating Channel List

| LTE Band 41             |         |                 |
|-------------------------|---------|-----------------|
| Channel Bandwidth (MHz) | Channel | Frequency (MHz) |
| 5                       | 39675   | 2498.5          |
| 5                       | 40620   | 2593.0          |
| 5                       | 41565   | 2687.5          |
| 10                      | 39700   | 2501.0          |
| 10                      | 40620   | 2593.0          |
| 10                      | 41540   | 2685.0          |
| 15                      | 39725   | 2503.5          |
| 15                      | 40620   | 2593.0          |
| 15                      | 41515   | 2682.5          |
| 20                      | 39750   | 2506.0          |
| 20                      | 40620   | 2593.0          |
| 20                      | 41490   | 2680.0          |

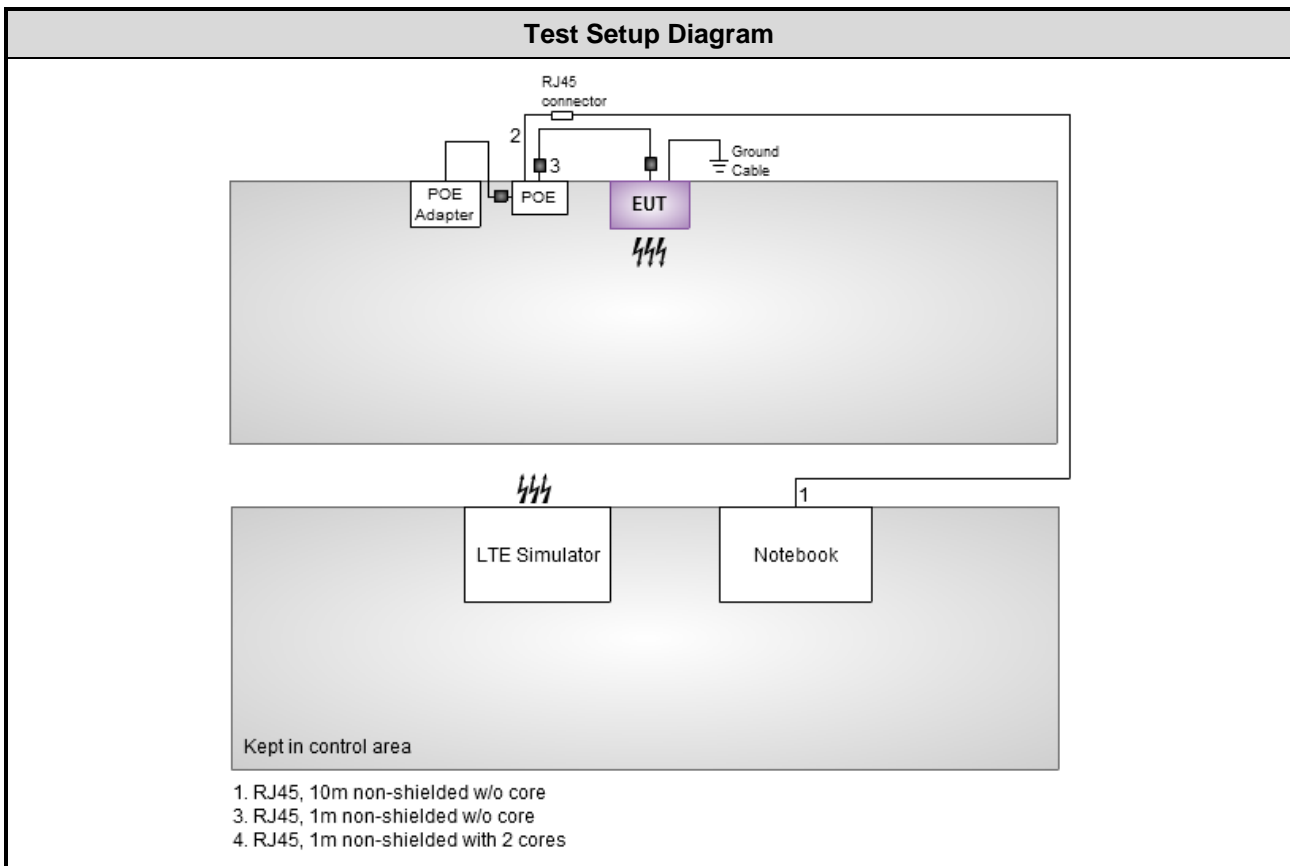
## 1.2 Accessories

| Accessories |           |   |
|-------------|-----------|---|
| No.         | Equipment | Description   |
| 1           | POE       | Brand Name: PHIHONG<br>Model Name: PSM25R-560<br>Power Rating:<br>I/P: 100-240Vac, 50-60Hz, 0.5A<br>O/P: 56Vdc, 0.45A<br>Power Line:<br>DC 1.7m non-shielded cable with 1 core<br>DC Output Connector: RJ45, 1m non-shielded cable w/o core |

## 1.3 Local Support Equipment List

| Support Equipment List |           |       |       |     |        |                                 |
|------------------------|-----------|-------|-------|-----|--------|---------------------------------|
| No.                    | Equipment | Brand | Model | S/N | FCC ID | Signal cable / Length (m)       |
| 1                      | Notebook  | DELL  | E6430 | --- | ---    | RJ45, 1m non-shielded w/o core. |

## 1.4 Test Setup Chart



## 1.5 The Equipment List

| Test Item               | Radiated Emission           |             |                  |                  |                   |
|-------------------------|-----------------------------|-------------|------------------|------------------|-------------------|
| Test Site               | 966 chamber 1 / (03CH01-WS) |             |                  |                  |                   |
| Instrument              | Manufacturer                | Model No.   | Serial No.       | Calibration Date | Calibration Until |
| Spectrum Analyzer       | R&S                         | FSV40       | 101499           | Feb. 08, 2014    | Feb. 07, 2015     |
| Receiver                | R&S                         | ESR3        | 101657           | Jan. 18, 2014    | Jan. 17, 2015     |
| Bilog Antenna           | SCHWARZBECK                 | VULB9168    | VULB9168-524     | Jan. 08, 2014    | Jan. 07, 2015     |
| Horn Antenna<br>1G-18G  | SCHWARZBECK                 | BBHA 9120 D | BBHA 9120 D 1095 | Jan. 07, 2014    | Jan. 06, 2015     |
| Horn Antenna<br>18G-40G | SCHWARZBECK                 | BBHA 9170   | BBHA 9170517     | Dec. 27, 2013    | Dec. 26, 2014     |
| Preamplifier            | Burgeon                     | BPA-530     | 100218           | Dec. 09, 2013    | Dec. 08, 2014     |
| Preamplifier            | Agilent                     | 83017A      | MY39501309       | Dec. 09, 2013    | Dec. 08, 2014     |
| Preamplifier            | EM                          | EM18G40G    | 060572           | Jun. 20, 2013    | Jun. 19, 2014     |
| RF Cable                | HUBER+SUHNER                | SUCOFLEX104 | MY16140/4        | Dec. 17, 2013    | Dec. 16, 2014     |
| RF Cable                | HUBER+SUHNER                | SUCOFLEX104 | MY16018/4        | Dec. 17, 2013    | Dec. 16, 2014     |
| RF Cable                | HUBER+SUHNER                | SUCOFLEX104 | MY16015/4        | Dec. 17, 2013    | Dec. 16, 2014     |
| LF cable 3M             | Woken                       | CFD400NL-LW | CFD400NL-003     | Dec. 17, 2013    | Dec. 16, 2014     |
| LF cable 10M            | Woken                       | CFD400NL-LW | CFD400NL-004     | Dec. 17, 2013    | Dec. 16, 2014     |

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

|              |     |         |        |               |               |
|--------------|-----|---------|--------|---------------|---------------|
| Loop Antenna | R&S | HFH2-Z2 | 100330 | Nov. 15, 2012 | Nov. 14, 2014 |
|--------------|-----|---------|--------|---------------|---------------|

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

| Test Item                          | RF Conducted |                  |             |                  |                   |
|------------------------------------|--------------|------------------|-------------|------------------|-------------------|
| Test Site                          | (TH01-WS)    |                  |             |                  |                   |
| Instrument                         | Manufacturer | Model No.        | Serial No.  | Calibration Date | Calibration Until |
| Spectrum Analyzer                  | R&S          | FSV40            | 101063      | Feb. 17, 2014    | Feb. 16, 2015     |
| TEMP&HUMIDITY<br>CHAMBER           | GIANT FORCE  | GCT-225-40-SP-SD | MAF1212-002 | Dec. 11, 2013    | Dec. 10, 2014     |
| Power Meter                        | Anritsu      | ML2495A          | 1241002     | Oct. 24, 2013    | Oct. 23, 2014     |
| Power Sensor                       | Anritsu      | MA2411B          | 1207366     | Oct. 24, 2013    | Oct. 23, 2014     |
| Radio<br>Communication<br>Analyzer | Anritsu      | MT8820C          | 6201240341  | Mar. 18, 2014    | Mar. 17, 2015     |

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



## 1.6 Test Standards

According to the specification of EUT, the EUT must comply with following standards.

47 CFR FCC Part 27 Subpart M

ANSI C63.4-2003

ANSI / TIA / EIA-603-C -2004

KDB 971168 D01 Power Meas License Digital Systems v02r01

KDB 412172 D01 Determining ERP and EIRP v01

Note: The EUT has been tested and complied with FCC part 15B requirement. FCC Part 15B test results are issued to another report.

## 1.7 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

| Measurement Uncertainty  |             |
|--------------------------|-------------|
| Parameters               | Uncertainty |
| Bandwidth                | ±34.134 Hz  |
| Conducted power          | ±0.808 dB   |
| Frequency error          | ±34.134 Hz  |
| Conducted emission       | ±2.670 dB   |
| AC conducted emission    | ±2.92 dB    |
| Radiated emission < 1GHz | ±3.26 dB    |
| Radiated emission > 1GHz | ±4.94 dB    |
| Temperature              | ±0.6 °C     |

## 2 Test Configuration

### 2.1 Testing Condition and Location Information

| Test Item          | Test Site | Ambient Condition | Tested By  |
|--------------------|-----------|-------------------|------------|
| RF conducted       | TH01-WS   | 23°C / 61%        | Mark Liao  |
| Radiated Emissions | 03CH02-WS | 23°C / 66%        | Aska Huang |

➤ FCC site registration No.: 657002

➤ IC site registration No.: 10807A-1

### 2.2 The Worst Test Modes and Channel Details

| Test item   | Channel Bandwidth                   | Modulation   | Test channel   | Test Configuration |
|---|-------------------------------------|--|--|--------------------|
| E.I.R.P<br>Conducted Emissions<br>Occupied Bandwidth<br>Peak to Average Ratio | 5 MHz<br>10 MHz<br>15 MHz<br>20 MHz | QPSK / 16QAM<br>QPSK / 16QAM<br>QPSK / 16QAM<br>QPSK / 16QAM | 36975 / 40620 / 41565<br>39700 / 40620 / 41540<br>39725 / 40620 / 41515<br>39750 / 40620 / 41490 | 1                  |
| Radiated Emission ≤ 1GHz  | 5 MHz<br>10 MHz<br>15 MHz<br>20 MHz | QPSK<br>QPSK<br>QPSK<br>QPSK                                 | 40620<br>40620<br>40620<br>40620   | 1, 2               |
| Radiated Emission > 1GHz  | 5 MHz<br>10 MHz<br>15 MHz<br>20 MHz | QPSK<br>QPSK<br>QPSK<br>QPSK                                 | 36975 / 40620 / 41565<br>39700 / 40620 / 41540<br>39725 / 40620 / 41515<br>39750 / 40620 / 41490 | 1                  |
| Band Edge   | 5 MHz<br>10 MHz<br>15 MHz<br>20 MHz | QPSK / 16QAM<br>QPSK / 16QAM<br>QPSK / 16QAM<br>QPSK / 16QAM | 36975 / 41565<br>39700 / 41540<br>39725 / 41515<br>39750 / 41490                                 | 1                  |
| Frequency Stability   | 5 MHz<br>10 MHz<br>15 MHz<br>20 MHz | QPSK<br>QPSK<br>QPSK<br>QPSK                                 | 40620<br>40620<br>40620<br>40620   | 1                  |

**NOTE:**

- The EUT supports diversity function: P0 & P1. After pre-test, P0 has the worst emission value, therefore the following test results came out from this
- The EUT has two versions listed as below. After pre-test, test configuration 2 was found to be the worst case and was selected for final testing
  - without VOIP function;
  - with VOIP functions

### 3 Test Results

#### 3.1 Output Power

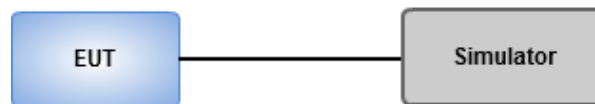
##### 3.1.1 Limit of Output Power

All user stations are limited to 2.0 watts transmitter output power.

##### 3.1.2 Test Procedures

1. The EUT links up with simulator and is set to maximum output power level at low / middle / high channel.
2. Measure the output power of low / middle / high channel of the EUT

##### 3.1.3 Test Setup



### 3.1.4 Test Result of Conducted power (dBm)

| Band / Channel Bandwidth |    |           | LTE Band 41 / CB: 5MHz |       |        |
|--------------------------|----|-----------|------------------------|-------|--------|
| Channel                  |    |           | 39675                  | 40620 | 41565  |
| Frequency (MHz)          |    |           | 2498.5                 | 2593  | 2687.5 |
| Mode                     | RB | RB Offset | Maximum AV Power (dBm) |       |        |
| QPSK                     | 1  | 0         | 23.15                  | 22.57 | 22.48  |
|                          | 1  | 24        | 23.06                  | 22.53 | 22.35  |
|                          | 12 | 6         | 22.68                  | 22.07 | 21.91  |
|                          | 25 | 0         | 22.70                  | 22.09 | 21.94  |
| 16QAM                    | 1  | 0         | 22.55                  | 21.90 | 21.76  |
|                          | 1  | 24        | 22.44                  | 21.86 | 21.69  |
|                          | 12 | 6         | 21.97                  | 21.00 | 20.82  |
|                          | 25 | 0         | 21.99                  | 21.00 | 20.84  |

| Band / Channel Bandwidth |    |           | LTE Band 41 / CB: 10MHz |       |       |
|--------------------------|----|-----------|-------------------------|-------|-------|
| Channel                  |    |           | 39700                   | 40620 | 41540 |
| Frequency (MHz)          |    |           | 2501                    | 2593  | 2685  |
| Mode                     | RB | RB Offset | Maximum AV Power (dBm)  |       |       |
| QPSK                     | 1  | 0         | 22.67                   | 22.87 | 22.82 |
|                          | 1  | 49        | 22.73                   | 22.77 | 22.66 |
|                          | 25 | 12        | 21.71                   | 21.69 | 21.60 |
|                          | 50 | 0         | 21.68                   | 21.68 | 21.61 |
| 16QAM                    | 1  | 0         | 21.79                   | 22.08 | 22.07 |
|                          | 1  | 49        | 21.88                   | 22.00 | 22.12 |
|                          | 25 | 12        | 20.73                   | 20.67 | 20.59 |
|                          | 50 | 0         | 20.75                   | 20.69 | 20.55 |

| Band / Channel Bandwidth |    |           | LTE Band 41 / CB: 15MHz |       |        |
|--------------------------|----|-----------|-------------------------|-------|--------|
| Channel                  |    |           | 39725                   | 40620 | 41515  |
| Frequency (MHz)          |    |           | 2503.5                  | 2593  | 2682.5 |
| Mode                     | RB | RB Offset | Maximum AV Power (dBm)  |       |        |
| QPSK                     | 1  | 0         | 22.88                   | 23.13 | 22.76  |
|                          | 1  | 74        | 22.85                   | 23.02 | 22.54  |
|                          | 36 | 18        | 21.17                   | 20.98 | 21.40  |
|                          | 75 | 0         | 21.12                   | 20.98 | 21.39  |
| 16QAM                    | 1  | 0         | 21.39                   | 21.81 | 22.30  |
|                          | 1  | 74        | 21.59                   | 21.68 | 22.05  |
|                          | 36 | 18        | 20.12                   | 20.03 | 19.74  |
|                          | 75 | 0         | 20.14                   | 20.01 | 19.72  |

| Band / Channel Bandwidth |     |           | LTE Band 41 / CB: 20MHz |       |       |
|--------------------------|-----|-----------|-------------------------|-------|-------|
| Channel                  |     |           | 39750                   | 40620 | 41490 |
| Frequency (MHz)          |     |           | 2506                    | 2593  | 2680  |
| Mode                     | RB  | RB Offset | Maximum AV Power (dBm)  |       |       |
| QPSK                     | 1   | 0         | 22.52                   | 22.59 | 22.51 |
|                          | 1   | 99        | 22.43                   | 22.44 | 22.39 |
|                          | 50  | 25        | 21.08                   | 21.23 | 20.93 |
|                          | 100 | 0         | 20.96                   | 21.17 | 20.85 |
| 16QAM                    | 1   | 0         | 21.79                   | 22.02 | 21.64 |
|                          | 1   | 99        | 21.68                   | 21.90 | 21.30 |
|                          | 50  | 25        | 20.32                   | 20.47 | 19.91 |
|                          | 100 | 0         | 20.24                   | 20.41 | 19.84 |

## 3.2 Radiated Emissions

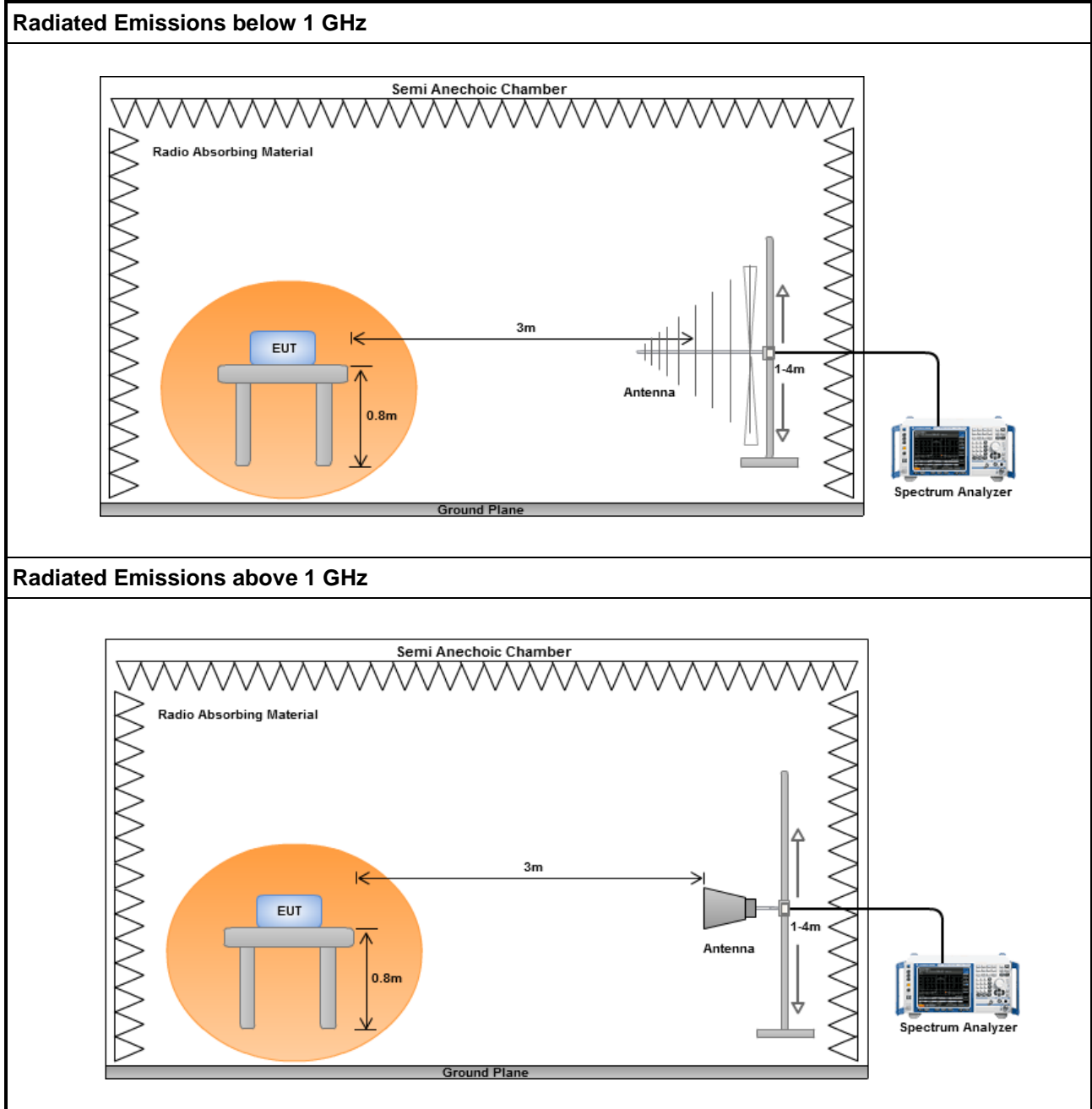
### 3.2.1 Limit of Radiated Emissions

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $55 + 10 \log(P)$  dB equal to -25dBm.

### 3.2.2 Test Procedures

1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. The EUT is placed at a height of 0.8 m test table above the ground plane.
2. Measurement is made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna is varied in height (1m ~ 4m) above the reference ground plane to obtain the maximum signal strength. Distance between EUT and antenna is 3 m.
3. This investigation is performed with the EUT rotated 360°, the antenna height scanned between 1 m and 4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations.
4. After finding the max radiated emission, substitution method will be used for getting effective radiated power. EUT will be removed and substitution antenna will be placed at same position. Signal generator will output CW signal to substitution antenna through a RF cable. Rotate turntable and move antenna to find maximum radiated emission. Adjust output power of signal generator to let the maximum radiated emission is same as step 3. Record the output power level.
5. E.I.R.P = output power of step 4 + gain of substitution antenna – cable loss of RF cable.

### 3.2.3 Test Setup



### 3.2.4 Test Result of Radiated Emissions below 1GHz

| Mode               |                  | LTE Band 41, CB: 5MHz, 1RB, Offset 0, Channel : 39675 |             |             |                   |                       |                        |
|--------------------|------------------|---|-------------|-------------|-------------------|-----------------------|------------------------|
| Test Configuration |                  | 1   |             |             |                   |                       |                        |
| Frequency (MHz)    | Antenna Polarity | E.I.R.P (dBm)   | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Vaule (dBm) | Correction Factor (dB) |
| 47.46              | H                | -43.53  | -25         | -18.53      | -38.91            | -32.28                | -11.25                 |
| 101.78             | H                | -55.56  | -25         | -30.56      | -41.79            | -55.74                | 0.18                   |
| 228.85             | H                | -52.68  | -25         | -27.68      | -42.57            | -57.06                | 4.38                   |
| 296.75             | H                | -52.27  | -25         | -27.27      | -45.08            | -56.48                | 4.21                   |
| 424.79             | H                | -46.57  | -25         | -21.57      | -41.08            | -50.76                | 4.19                   |
| 675.05             | H                | -52.87  | -25         | -27.87      | -51.37            | -56.71                | 3.84                   |
| 47.46              | V                | -31.11  | -25         | -6.11       | -23.19            | -19.86                | -11.25                 |
| 222.06             | V                | -46.38  | -25         | -21.38      | -39.28            | -50.76                | 4.38                   |
| 424.79             | V                | -42.09  | -25         | -17.09      | -39.21            | -46.28                | 4.19                   |
| 524.7              | V                | -52.06  | -25         | -27.06      | -50.18            | -56.18                | 4.12                   |
| 675.05             | V                | -54.38  | -25         | -29.38      | -54.85            | -58.22                | 3.84                   |
| 774.96             | V                | -54.67  | -25         | -29.67      | -56.56            | -57.95                | 3.28                   |

| Mode               |                  | LTE Band 41, CB: 5MHz, 1RB, Offset 0, Channel : 39675 |             |             |                   |                       |                        |
|--------------------|------------------|---|-------------|-------------|-------------------|-----------------------|------------------------|
| Test Configuration |                  | 2   |             |             |                   |                       |                        |
| Frequency (MHz)    | Antenna Polarity | E.I.R.P (dBm)   | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Vaule (dBm) | Correction Factor (dB) |
| 47.89              | H                | -44.66  | -25         | -19.66      | -40.36            | -33.47                | -11.19                 |
| 101.97             | H                | -56.03  | -25         | -31.03      | -42.27            | -56.2                 | 0.17                   |
| 228.41             | H                | -53.19  | -25         | -28.19      | -43.01            | -57.57                | 4.38                   |
| 296.53             | H                | -52.89  | -25         | -27.89      | -45.35            | -57.1                 | 4.21                   |
| 424.88             | H                | -47.21  | -25         | -22.21      | -41.33            | -51.4                 | 4.19                   |
| 675.32             | H                | -53.64  | -25         | -28.64      | -51.97            | -57.48                | 3.84                   |
| 47.58              | V                | -32.05  | -25         | -7.05       | -25.29            | -20.82                | -11.23                 |
| 222.37             | V                | -47.38  | -25         | -22.38      | -40.32            | -51.76                | 4.38                   |
| 424.64             | V                | -43.32  | -25         | -18.32      | -40.32            | -47.51                | 4.19                   |
| 524.36             | V                | -52.4   | -25         | -27.4       | -50.33            | -56.52                | 4.12                   |
| 675.49             | V                | -55.15  | -25         | -30.15      | -55.32            | -58.99                | 3.84                   |
| 774.18             | V                | -55.51  | -25         | -30.51      | -56.97            | -58.79                | 3.28                   |

Note: EIRP = S.G Power value + Correction factor



| Mode               |                  | LTE Band 41, CB: 10MHz, 1RB, Offset 0, Channel : 40620 |             |             |                   |                       |                        |
|--------------------|------------------|--|-------------|-------------|-------------------|-----------------------|------------------------|
| Test Configuration |                  | 1  |             |             |                   |                       |                        |
| Frequency (MHz)    | Antenna Polarity | E.I.R.P (dBm)  | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Vaule (dBm) | Correction Factor (dB) |
| 47.46              | H                | -43.22   | -25         | -18.22      | -38.6             | -31.97                | -11.25                 |
| 101.78             | H                | -55.37   | -25         | -30.37      | -41.6             | -55.55                | 0.18                   |
| 222.06             | H                | -45.97   | -25         | -20.97      | -35.52            | -50.35                | 4.38                   |
| 424.79             | H                | -44.71   | -25         | -19.71      | -39.22            | -48.9                 | 4.19                   |
| 524.7              | H                | -52.15   | -25         | -27.15      | -48.82            | -56.27                | 4.12                   |
| 675.05             | H                | -54.79   | -25         | -29.79      | -53.29            | -58.63                | 3.84                   |
| 48.43              | V                | -30.85   | -25         | -5.85       | -23.35            | -19.73                | -11.12                 |
| 222.06             | V                | -47.60   | -25         | -22.6       | -40.5             | -51.98                | 4.38                   |
| 424.79             | V                | -42.00   | -25         | -17.00      | -39.12            | -46.19                | 4.19                   |
| 501.42             | V                | -49.8  | -25         | -24.8       | -47.76            | -53.9                 | 4.10                   |
| 675.05             | V                | -54.35   | -25         | -29.35      | -54.82            | -58.19                | 3.84                   |
| 972.84             | V                | -55.99   | -25         | -30.99      | -59.64            | -58.74                | 2.75                   |

| Mode               |                  | LTE Band 41, CB: 10MHz, 1RB, Offset 0, Channel : 40620 |             |             |                   |                       |                        |
|--------------------|------------------|--|-------------|-------------|-------------------|-----------------------|------------------------|
| Test Configuration |                  | 2  |             |             |                   |                       |                        |
| Frequency (MHz)    | Antenna Polarity | E.I.R.P (dBm)  | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Vaule (dBm) | Correction Factor (dB) |
| 47.53              | H                | -44.42   | -25         | -19.42      | -40.24            | -33.18                | -11.24                 |
| 101.83             | H                | -56.15   | -25         | -31.15      | -42.37            | -56.33                | 0.18                   |
| 222.41             | H                | -46.93   | -25         | -21.93      | -36.48            | -51.31                | 4.38                   |
| 424.74             | H                | -45.06   | -25         | -20.06      | -39.18            | -49.25                | 4.19                   |
| 524.28             | H                | -53.04   | -25         | -28.04      | -49.57            | -57.16                | 4.12                   |
| 675.18             | H                | -56.28   | -25         | -31.28      | -54.61            | -60.12                | 3.84                   |
| 48.41              | V                | -31.9  | -25         | -6.9        | -25.11            | -20.78                | -11.12                 |
| 222.14             | V                | -48.42   | -25         | -23.42      | -41.36            | -52.8                 | 4.38                   |
| 424.36             | V                | -43.2  | -25         | -18.2       | -40.19            | -47.39                | 4.19                   |
| 501.65             | V                | -50.33   | -25         | -25.33      | -48.29            | -54.43                | 4.1                    |
| 675.31             | V                | -55.44   | -25         | -30.44      | -55.61            | -59.28                | 3.84                   |
| 972.49             | V                | -56.53   | -25         | -31.53      | -59.88            | -59.27                | 2.74                   |

Note: EIRP = S.G Power value + Correction factor

| Mode               |                  | LTE Band 41, CB: 15MHz, 1RB, Offset 0, Channel : 40620 |             |             |                   |                       |                        |
|--------------------|------------------|--|-------------|-------------|-------------------|-----------------------|------------------------|
| Test Configuration |                  | 1  |             |             |                   |                       |                        |
| Frequency (MHz)    | Antenna Polarity | E.I.R.P (dBm)  | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Vaule (dBm) | Correction Factor (dB) |
| 47.46              | H                | -43.16   | -25         | -18.16      | -38.54            | -31.91                | -11.25                 |
| 101.78             | H                | -55.25   | -25         | -30.25      | -41.48            | -55.43                | 0.18                   |
| 222.06             | H                | -46.08   | -25         | -21.08      | -35.63            | -50.46                | 4.38                   |
| 424.79             | H                | -44.92   | -25         | -19.92      | -39.43            | -49.11                | 4.19                   |
| 524.7              | H                | -52.08   | -25         | -27.08      | -48.75            | -56.2                 | 4.12                   |
| 675.05             | H                | -54.98   | -25         | -29.98      | -53.48            | -58.82                | 3.84                   |
| 48.43              | V                | -31.04   | -25         | -6.04       | -23.54            | -19.92                | -11.12                 |
| 222.06             | V                | -47.57   | -25         | -22.57      | -40.47            | -51.95                | 4.38                   |
| 424.79             | V                | -42.21   | -25         | -17.21      | -39.33            | -46.4                 | 4.19                   |
| 501.42             | V                | -49.3  | -25         | -24.3       | -47.26            | -53.4                 | 4.1                    |
| 675.05             | V                | -54.32   | -25         | -29.32      | -54.79            | -58.16                | 3.84                   |
| 972.84             | V                | -55.74   | -25         | -30.74      | -59.39            | -58.49                | 2.75                   |

| Mode               |                  | LTE Band 41, CB: 15MHz, 1RB, Offset 0, Channel : 40620 |             |             |                   |                       |                        |
|--------------------|------------------|--|-------------|-------------|-------------------|-----------------------|------------------------|
| Test Configuration |                  | 2  |             |             |                   |                       |                        |
| Frequency (MHz)    | Antenna Polarity | E.I.R.P (dBm)  | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Vaule (dBm) | Correction Factor (dB) |
| 47.25              | H                | -44.42   | -25         | -19.42      | -40.34            | -33.14                | -11.28                 |
| 101.49             | H                | -56.29   | -25         | -31.29      | -42.47            | -56.49                | 0.2                    |
| 222.18             | H                | -46.89   | -25         | -21.89      | -36.43            | -51.27                | 4.38                   |
| 424.96             | H                | -46.46   | -25         | -21.46      | -40.58            | -50.65                | 4.19                   |
| 524.42             | H                | -52.72   | -25         | -27.72      | -49.25            | -56.84                | 4.12                   |
| 675.39             | H                | -55.77   | -25         | -30.77      | -54.1             | -59.61                | 3.84                   |
| 48.24              | V                | -32.35   | -25         | -7.35       | -25.57            | -21.2                 | -11.15                 |
| 222.38             | V                | -48.27   | -25         | -23.27      | -41.21            | -52.65                | 4.38                   |
| 424.95             | V                | -43.11   | -25         | -18.11      | -40.12            | -47.3                 | 4.19                   |
| 501.26             | V                | -50.49   | -25         | -25.49      | -48.45            | -54.59                | 4.1                    |
| 675.44             | V                | -55.21   | -25         | -30.21      | -55.38            | -59.05                | 3.84                   |
| 972.71             | V                | -56.54   | -25         | -31.54      | -59.89            | -59.29                | 2.75                   |

Note: EIRP = S.G Power value + Correction factor

| Mode               |                  | LTE Band 41, CB: 20MHz, 1RB, Offset 0, Channel : 40620 |             |             |                   |                       |                        |
|--------------------|------------------|--|-------------|-------------|-------------------|-----------------------|------------------------|
| Test Configuration |                  | 1  |             |             |                   |                       |                        |
| Frequency (MHz)    | Antenna Polarity | E.I.R.P (dBm)  | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Vaule (dBm) | Correction Factor (dB) |
| 47.46              | H                | -43.1  | -25         | -18.1       | -38.48            | -31.85                | -11.25                 |
| 101.78             | H                | -55.32   | -25         | -30.32      | -41.55            | -55.5                 | 0.18                   |
| 228.85             | H                | -52.64   | -25         | -27.64      | -42.53            | -57.02                | 4.38                   |
| 296.75             | H                | -51.72   | -25         | -26.72      | -44.53            | -55.93                | 4.21                   |
| 424.79             | H                | -46.84   | -25         | -21.84      | -41.35            | -51.03                | 4.19                   |
| 675.05             | H                | -53.16   | -25         | -28.16      | -51.66            | -57                   | 3.84                   |
| 47.46              | V                | -31.02   | -25         | -6.02       | -23.1             | -19.77                | -11.25                 |
| 222.06             | V                | -45.65   | -25         | -20.65      | -38.55            | -50.03                | 4.38                   |
| 424.79             | V                | -41.35   | -25         | -16.35      | -38.47            | -45.54                | 4.19                   |
| 524.7              | V                | -52.41   | -25         | -27.41      | -50.53            | -56.53                | 4.12                   |
| 675.05             | V                | -53.31   | -25         | -28.31      | -53.78            | -57.15                | 3.84                   |
| 774.96             | V                | -53.89   | -25         | -28.89      | -55.78            | -57.17                | 3.28                   |

| Mode               |                  | LTE Band 41, CB: 20MHz, 1RB, Offset 0, Channel : 40620 |             |             |                   |                       |                        |
|--------------------|------------------|--|-------------|-------------|-------------------|-----------------------|------------------------|
| Test Configuration |                  | 2  |             |             |                   |                       |                        |
| Frequency (MHz)    | Antenna Polarity | E.I.R.P (dBm)  | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Vaule (dBm) | Correction Factor (dB) |
| 47.94              | H                | -43.83   | -25         | -18.83      | -39.51            | -32.64                | -11.19                 |
| 101.49             | H                | -56.5  | -25         | -31.5       | -42.68            | -56.7                 | 0.2                    |
| 228.43             | H                | -53.11   | -25         | -28.11      | -42.93            | -57.49                | 4.38                   |
| 296.56             | H                | -52.62   | -25         | -27.62      | -45.08            | -56.83                | 4.21                   |
| 424.32             | H                | -47.47   | -25         | -22.47      | -41.59            | -51.66                | 4.19                   |
| 675.25             | H                | -53.61   | -25         | -28.61      | -51.94            | -57.45                | 3.84                   |
| 47.31              | V                | -31.88   | -25         | -6.88       | -25.13            | -20.61                | -11.27                 |
| 222.19             | V                | -46.34   | -25         | -21.34      | -39.28            | -50.72                | 4.38                   |
| 424.67             | V                | -42.61   | -25         | -17.61      | -39.61            | -46.8                 | 4.19                   |
| 524.93             | V                | -53.55   | -25         | -28.55      | -51.48            | -57.67                | 4.12                   |
| 675.29             | V                | -53.76   | -25         | -28.76      | -53.93            | -57.6                 | 3.84                   |
| 774.84             | V                | -54.39   | -25         | -29.39      | -55.86            | -57.67                | 3.28                   |

Note: EIRP = S.G Power value + Correction factor

### 3.2.5 Test Result of Radiated Emissions above 1GHz

| Mode  |                  |               |             |             |                   |                       |                        |
|---|------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 41, CB: 5MHz, 1RB, Offset 0, Channel : 39675 |                  |               |             |             |                   |                       |                        |
| Frequency (MHz)                                       | Antenna Polarity | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Vaule (dBm) | Correction Factor (dB) |
| 4992.7  | H                | -46.45        | -25         | -21.45      | -63.54            | -52.3                 | 5.85                   |
| 7488.9  | H                | -33.46        | -25         | -8.46       | -54.56            | -36.4                 | 2.94                   |
| 9984.8  | H                | -38.87        | -25         | -13.87      | -64.21            | -40.02                | 1.15                   |
| 4992.7  | V                | -48           | -25         | -23         | -63.77            | -53.85                | 5.85                   |
| 7488.9  | V                | -35.23        | -25         | -10.23      | -54.53            | -38.17                | 2.94                   |
| 9984.8  | V                | -40.59        | -25         | -15.59      | -63.54            | -41.74                | 1.15                   |

| Mode  |                  |               |             |             |                   |                       |                        |
|---|------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 41, CB: 5MHz, 1RB, Offset 0, Channel : 40620 |                  |               |             |             |                   |                       |                        |
| Frequency (MHz)                                       | Antenna Polarity | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Vaule (dBm) | Correction Factor (dB) |
| 5181.7  | H                | -44.7         | -25         | -19.7       | -63.52            | -50.54                | 5.84                   |
| 7772.4  | H                | -33.94        | -25         | -8.94       | -54.98            | -36.29                | 2.35                   |
| 10362.9   | H                | -38.89        | -25         | -13.89      | -64.22            | -39.6                 | 0.71                   |
| 5181.7  | V                | -44.3         | -25         | -19.3       | -61.48            | -50.14                | 5.84                   |
| 7772.4  | V                | -35.32        | -25         | -10.32      | -54.79            | -37.67                | 2.35                   |
| 10362.9   | V                | -41.44        | -25         | -16.44      | -64.54            | -42.15                | 0.71                   |

| Mode  |                  |               |             |             |                   |                       |                        |
|---|------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 41, CB: 5MHz, 1RB, Offset 0, Channel : 41565 |                  |               |             |             |                   |                       |                        |
| Frequency (MHz)                                       | Antenna Polarity | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Vaule (dBm) | Correction Factor (dB) |
| 5370.7  | H                | -44.8         | -25         | -19.8       | -63.49            | -50.7                 | 5.9                    |
| 8056  | H                | -33.64        | -25         | -8.64       | -55.37            | -36.09                | 2.45                   |
| 10741.2   | H                | -39.03        | -25         | -14.03      | -64.28            | -39.36                | 0.33                   |
| 5370.7  | V                | -44.84        | -25         | -19.84      | -61.53            | -50.74                | 5.9                    |
| 8056  | V                | -35.48        | -25         | -10.48      | -55.21            | -37.93                | 2.45                   |
| 10741.2   | V                | -41.23        | -25         | -16.23      | -64.25            | -41.56                | 0.33                   |

Note: EIRP = S.G Power value + Correction factor

| Mode   |                  |               |             |             |                   |                       |                        |
|--|------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 41, CB: 10MHz, 1RB, Offset 0, Channel : 39700 |                  |               |             |             |                   |                       |                        |
| Frequency (MHz)  | Antenna Polarity | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Vaule (dBm) | Correction Factor (dB) |
| 4993.2   | H                | -46.29        | -25         | -21.29      | -63.39            | -52.14                | 5.85                   |
| 7489.7   | H                | -33.59        | -25         | -8.59       | -54.67            | -36.53                | 2.94                   |
| 9986   | H                | -39.07        | -25         | -14.07      | -64.4             | -40.22                | 1.15                   |
| 4993.2   | V                | -46.36        | -25         | -21.36      | -62.13            | -52.21                | 5.85                   |
| 7489.7   | V                | -34.75        | -25         | -9.75       | -54.03            | -37.69                | 2.94                   |
| 9986   | V                | -40.84        | -25         | -15.84      | -63.79            | -41.99                | 1.15                   |

| Mode   |                  |               |             |             |                   |                       |                        |
|--|------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 41, CB: 10MHz, 1RB, Offset 0, Channel : 40620 |                  |               |             |             |                   |                       |                        |
| Frequency (MHz)  | Antenna Polarity | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Vaule (dBm) | Correction Factor (dB) |
| 5177.2   | H                | -44.98        | -25         | -19.98      | -63.76            | -50.82                | 5.84                   |
| 7765.7   | H                | -34.33        | -25         | -9.33       | -55.36            | -36.7                 | 2.37                   |
| 10354.2  | H                | -38.52        | -25         | -13.52      | -63.85            | -39.24                | 0.72                   |
| 5177.2   | V                | -45.22        | -25         | -20.22      | -62.37            | -51.06                | 5.84                   |
| 7765.7   | V                | -34.61        | -25         | -9.61       | -54.07            | -36.98                | 2.37                   |
| 10354.2  | V                | -40.84        | -25         | -15.84      | -63.93            | -41.56                | 0.72                   |

| Mode   |                  |               |             |             |                   |                       |                        |
|--|------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 41, CB: 10MHz, 1RB, Offset 0, Channel : 41540 |                  |               |             |             |                   |                       |                        |
| Frequency (MHz)  | Antenna Polarity | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Vaule (dBm) | Correction Factor (dB) |
| 5361.2   | H                | -44.84        | -25         | -19.84      | -63.55            | -50.74                | 5.9                    |
| 8041.8   | H                | -34.06        | -25         | -9.06       | -55.8             | -36.47                | 2.41                   |
| 10722.4  | H                | -38.08        | -25         | -13.08      | -63.34            | -38.42                | 0.34                   |
| 5361.2   | V                | -44.82        | -25         | -19.82      | -61.55            | -50.72                | 5.9                    |
| 8041.8   | V                | -33.86        | -25         | -8.86       | -53.57            | -36.27                | 2.41                   |
| 10722.4  | V                | -40.6         | -25         | -15.6       | -63.63            | -40.94                | 0.34                   |

Note: EIRP = S.G Power value + Correction factor

| Mode   |                  |               |             |             |                   |                       |                        |
|--|------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 41, CB: 15MHz, 1RB, Offset 0, Channel : 39725 |                  |               |             |             |                   |                       |                        |
| Frequency (MHz)  | Antenna Polarity | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Vaule (dBm) | Correction Factor (dB) |
| 4993.6   | H                | -46.48        | -25         | -21.48      | -63.58            | -52.33                | 5.85                   |
| 7490.5   | H                | -33.4         | -25         | -8.4        | -54.48            | -36.34                | 2.94                   |
| 9987.6   | H                | -38.92        | -25         | -13.92      | -64.24            | -40.07                | 1.15                   |
| 4993.6   | V                | -47.21        | -25         | -22.21      | -62.99            | -53.06                | 5.85                   |
| 7490.5   | V                | -34.69        | -25         | -9.69       | -53.97            | -37.63                | 2.94                   |
| 9987.6   | V                | -40.62        | -25         | -15.62      | -63.55            | -41.77                | 1.15                   |

| Mode   |                  |               |             |             |                   |                       |                        |
|--|------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 41, CB: 15MHz, 1RB, Offset 0, Channel : 40620 |                  |               |             |             |                   |                       |                        |
| Frequency (MHz)  | Antenna Polarity | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Vaule (dBm) | Correction Factor (dB) |
| 5172.6   | H                | -44.84        | -25         | -19.84      | -63.58            | -50.68                | 5.84                   |
| 7759   | H                | -34.48        | -25         | -9.48       | -55.48            | -36.88                | 2.4                    |
| 10345.6  | H                | -38.43        | -25         | -13.43      | -63.75            | -39.16                | 0.73                   |
| 5172.6   | V                | -45.42        | -25         | -20.42      | -62.53            | -51.26                | 5.84                   |
| 7759   | V                | -34.71        | -25         | -9.71       | -54.14            | -37.11                | 2.4                    |
| 10345.6  | V                | -40.69        | -25         | -15.69      | -63.77            | -41.42                | 0.73                   |

| Mode   |                  |               |             |             |                   |                       |                        |
|--|------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 41, CB: 15MHz, 1RB, Offset 0, Channel : 41515 |                  |               |             |             |                   |                       |                        |
| Frequency (MHz)  | Antenna Polarity | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Vaule (dBm) | Correction Factor (dB) |
| 5351.6   | H                | -44.8         | -25         | -19.8       | -63.53            | -50.69                | 5.89                   |
| 8027.5   | H                | -33.48        | -25         | -8.48       | -55.25            | -35.85                | 2.37                   |
| 10703.6  | H                | -38.2         | -25         | -13.2       | -63.46            | -38.56                | 0.36                   |
| 5351.6   | V                | -44.79        | -25         | -19.79      | -61.55            | -50.68                | 5.89                   |
| 8027.5   | V                | -33.77        | -25         | -8.77       | -63.47            | -36.14                | 2.37                   |
| 10703.6  | V                | -40.84        | -25         | -15.84      | -63.88            | -41.2                 | 0.36                   |

Note: EIRP = S.G Power value + Correction factor

| Mode   |                  |               |             |             |                   |                       |                        |
|--|------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 41, CB: 20MHz, 1RB, Offset 0, Channel : 39750 |                  |               |             |             |                   |                       |                        |
| Frequency (MHz)  | Antenna Polarity | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Vaule (dBm) | Correction Factor (dB) |
| 4994.2   | H                | -46.34        | -25         | -21.34      | -63.44            | -52.19                | 5.85                   |
| 7491.3   | H                | -33.5         | -25         | -8.5        | -54.58            | -36.44                | 2.94                   |
| 9988.4   | H                | -39.03        | -25         | -14.03      | -64.35            | -40.18                | 1.15                   |
| 4994.2   | V                | -47.73        | -25         | -22.73      | -63.51            | -53.58                | 5.85                   |
| 7491.3   | V                | -34.96        | -25         | -9.96       | -54.24            | -37.9                 | 2.94                   |
| 9988.4   | V                | -40.55        | -25         | -15.55      | -63.47            | -41.7                 | 1.15                   |

| Mode   |                  |               |             |             |                   |                       |                        |
|--|------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 41, CB: 20MHz, 1RB, Offset 0, Channel : 40620 |                  |               |             |             |                   |                       |                        |
| Frequency (MHz)  | Antenna Polarity | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Vaule (dBm) | Correction Factor (dB) |
| 5168.1   | H                | -44.8         | -25         | -19.8       | -63.5             | -50.64                | 5.84                   |
| 7752.3   | H                | -33.8         | -25         | -8.8        | -54.79            | -36.23                | 2.43                   |
| 10336.8  | H                | -38.7         | -25         | -13.7       | -64.02            | -39.44                | 0.74                   |
| 5168.1   | V                | -44.36        | -25         | -19.36      | -61.44            | -50.2                 | 5.84                   |
| 7752.3   | V                | -34.99        | -25         | -9.99       | -54.41            | -37.42                | 2.43                   |
| 10336.8  | V                | -41.19        | -25         | -16.19      | -64.26            | -41.93                | 0.74                   |

| Mode   |                  |               |             |             |                   |                       |                        |
|--|------------------|---------------|-------------|-------------|-------------------|-----------------------|------------------------|
| LTE Band 41, CB: 20MHz, 1RB, Offset 0, Channel : 41490 |                  |               |             |             |                   |                       |                        |
| Frequency (MHz)  | Antenna Polarity | E.I.R.P (dBm) | Limit (dBm) | Margin (dB) | S.A Reading (dBm) | S.G Power Vaule (dBm) | Correction Factor (dB) |
| 5342.1   | H                | -44.75        | -25         | -19.75      | -63.49            | -50.64                | 5.89                   |
| 8013.3   | H                | -33.84        | -25         | -8.84       | -55.62            | -36.18                | 2.34                   |
| 10684.8  | H                | -39.1         | -25         | -14.1       | -64.38            | -39.48                | 0.38                   |
| 5342.1   | V                | -44.78        | -25         | -19.78      | -61.57            | -50.67                | 5.89                   |
| 8013.3   | V                | -35.38        | -25         | -10.38      | -55.06            | -37.72                | 2.34                   |
| 10684.8  | V                | -41.31        | -25         | -16.31      | -64.38            | -41.69                | 0.38                   |

Note: EIRP = S.G Power value + Correction factor

### 3.3 Conducted Emissions

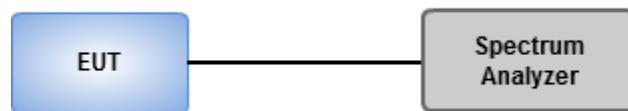
#### 3.3.1 Limit of Conducted Emissions

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $55 + 10 \log(P)$  dB equal to -25dBm.

#### 3.3.2 Test Procedures

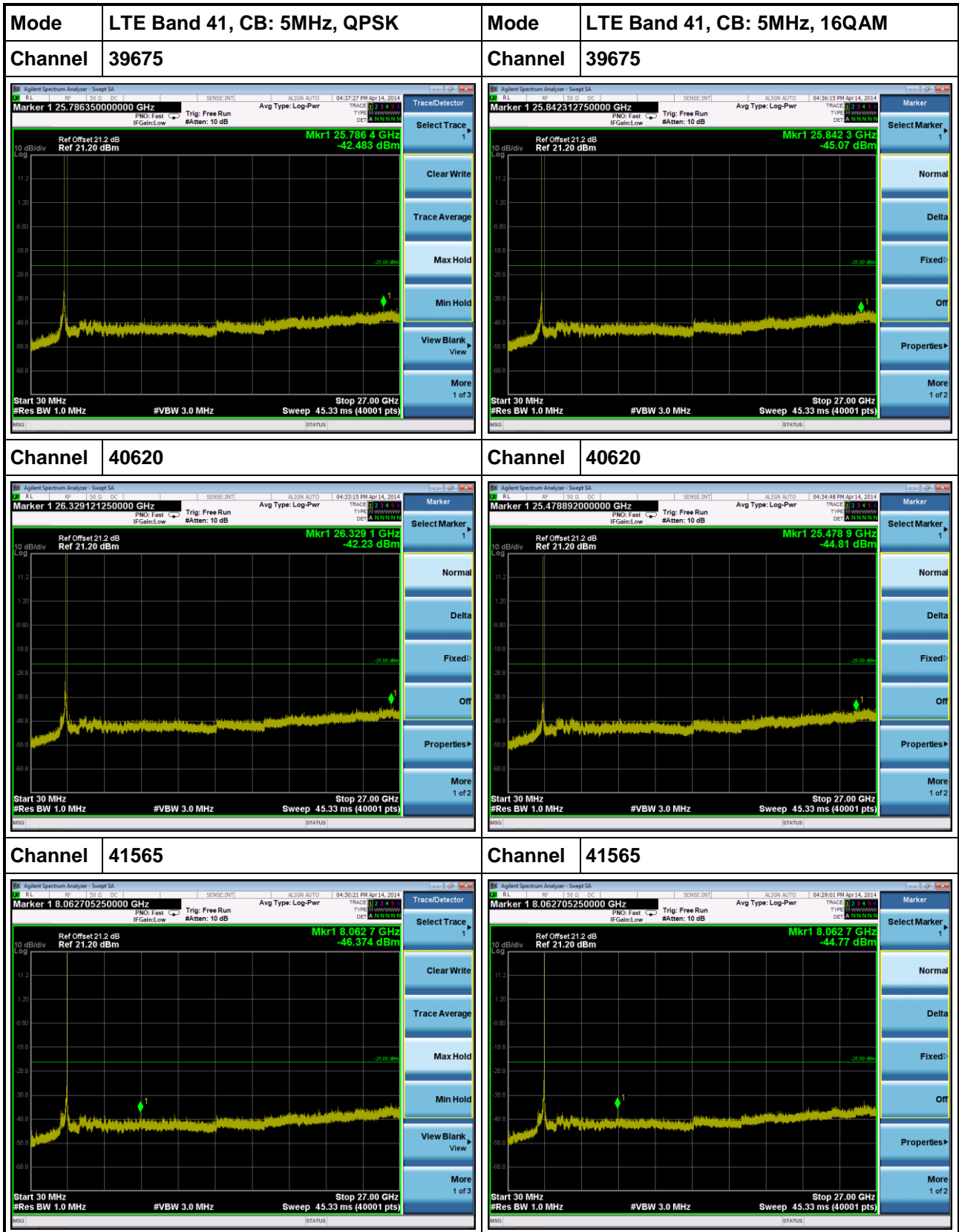
1. Lowest, middle and highest operating channels are tested for this item.
2. Scan frequency range is from 30MHz~27GHz.
3. Set RBW = 1MHz, VBW = 3MHz, detector = average, sweep time = auto.
4. Record the max trace value and capture the test plot of each sub frequency band.

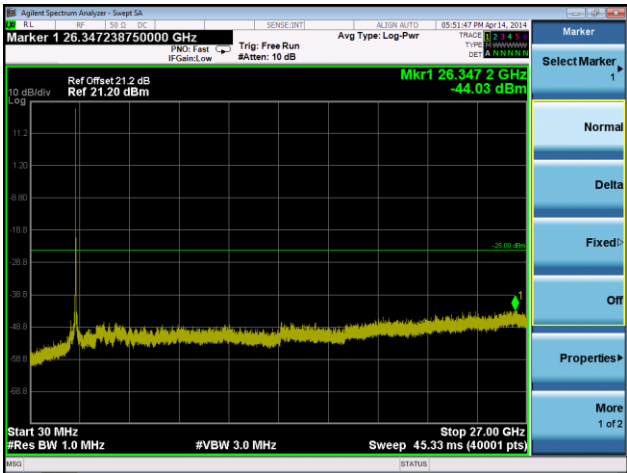
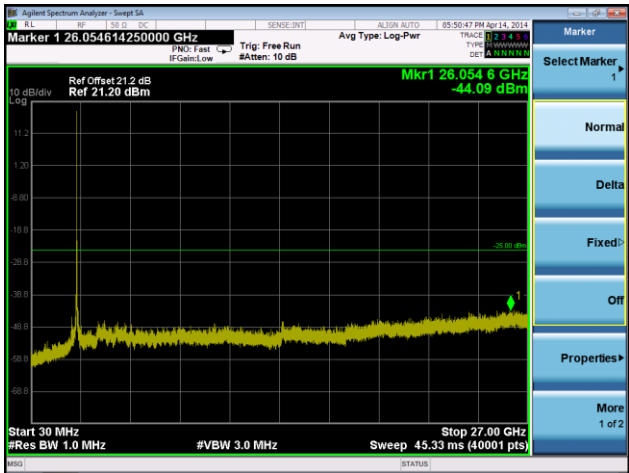
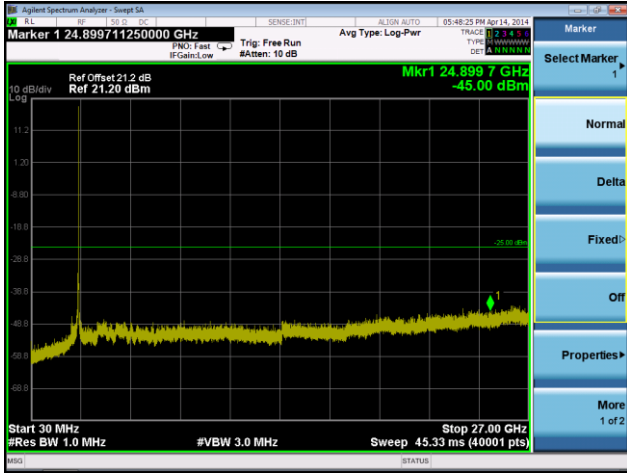
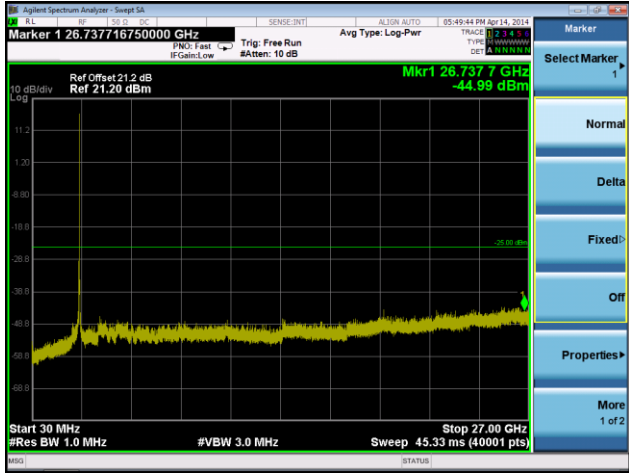
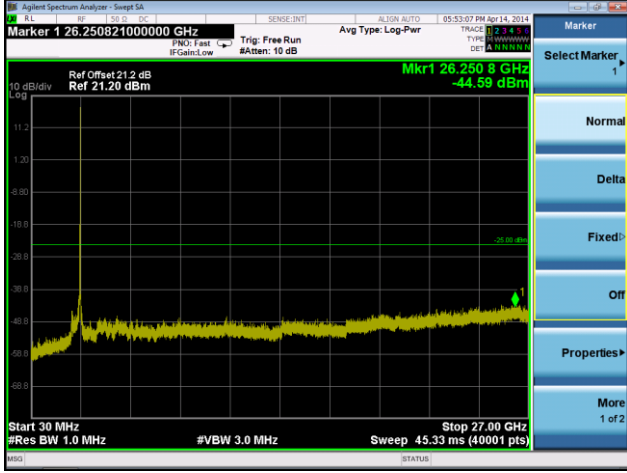
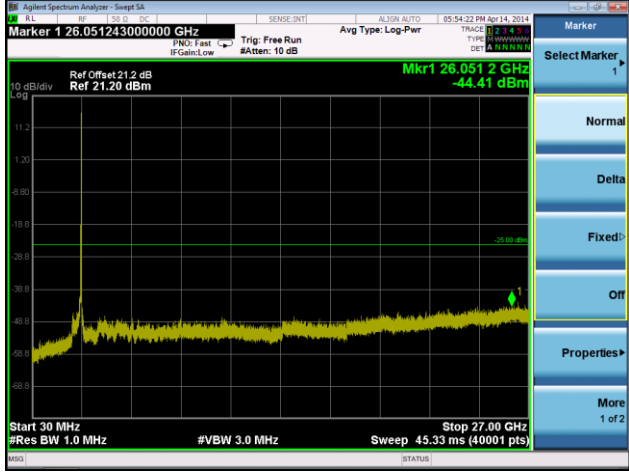
#### 3.3.3 Test Setup

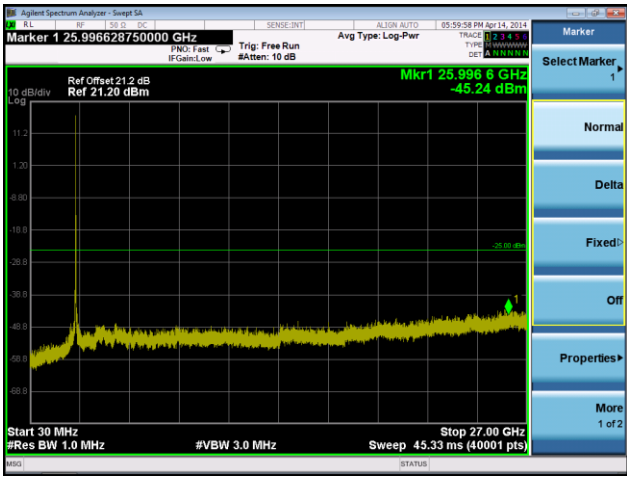
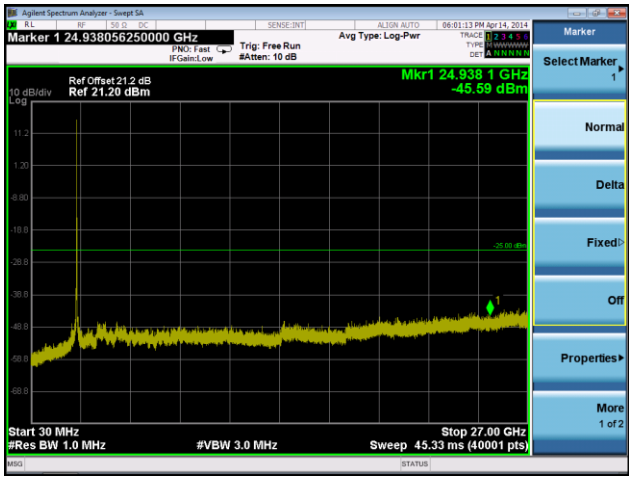
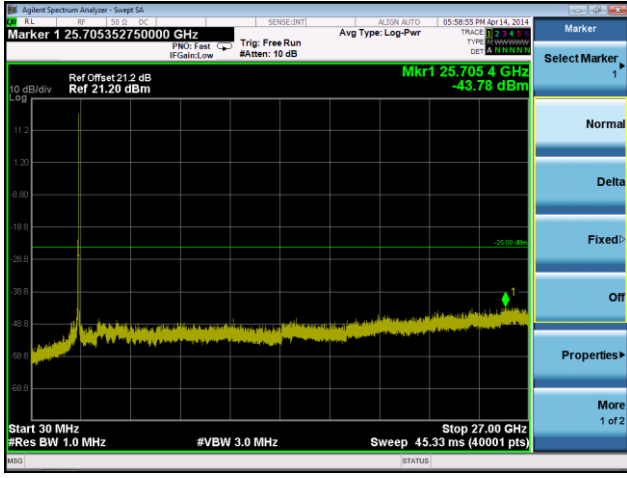
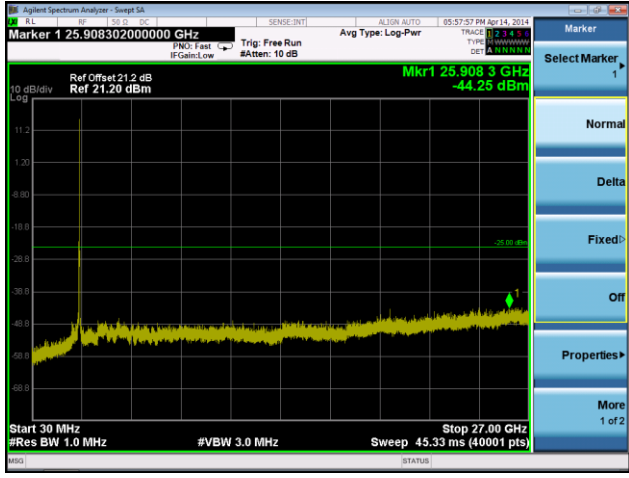
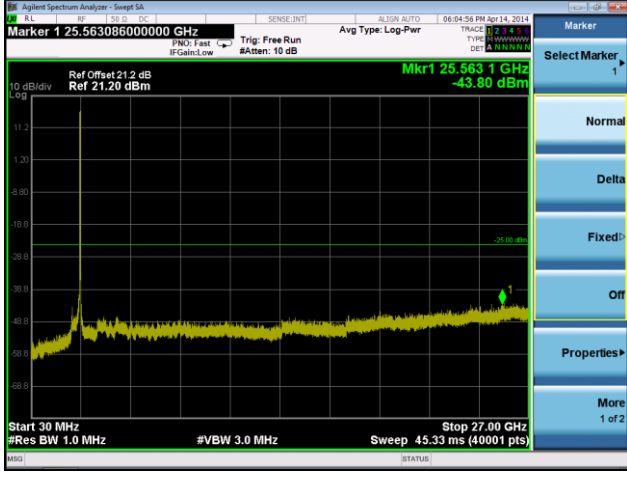
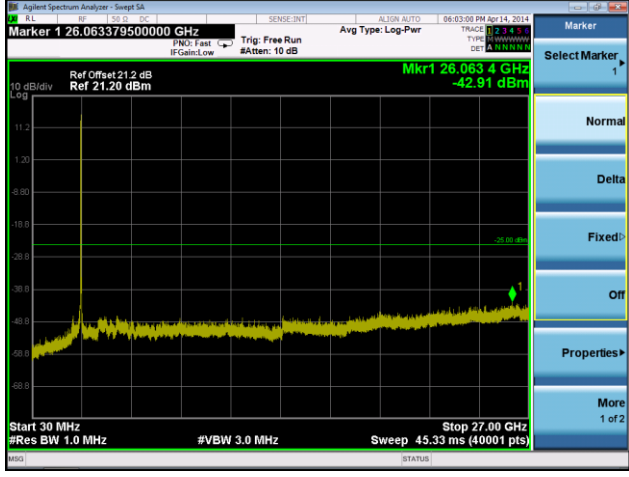


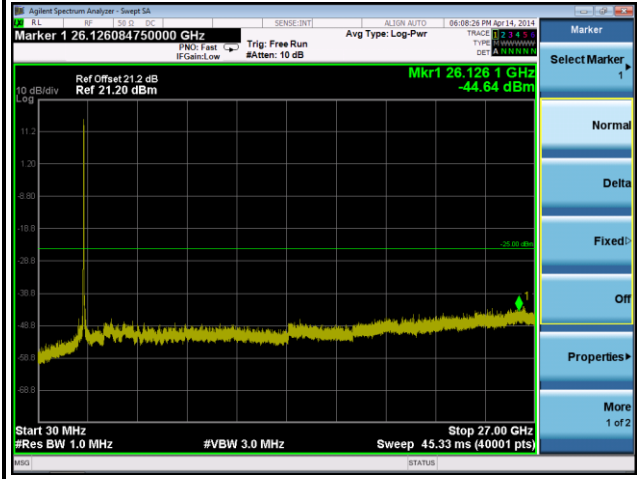
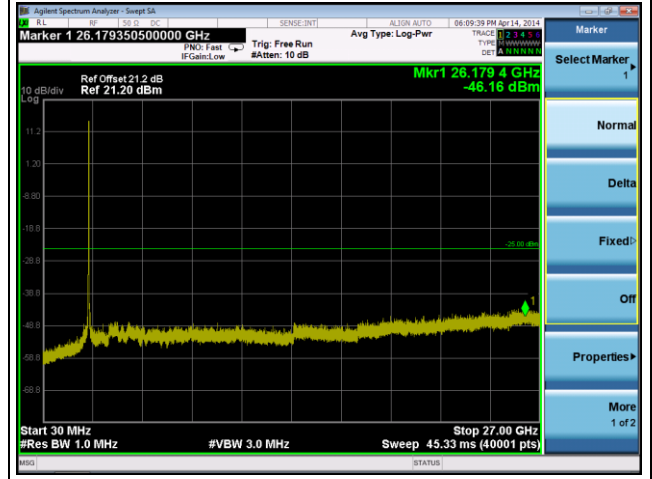
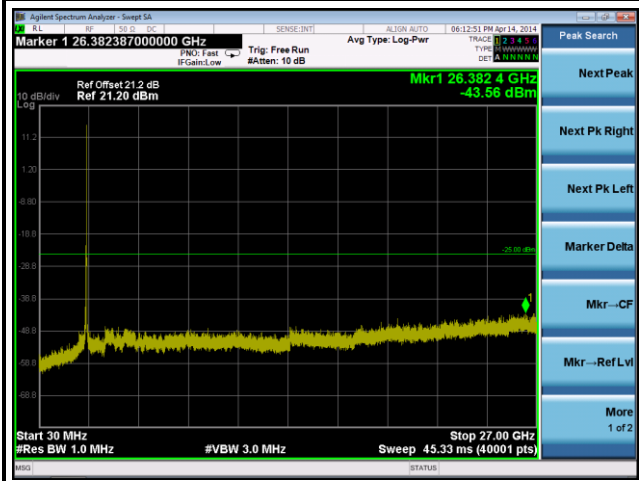
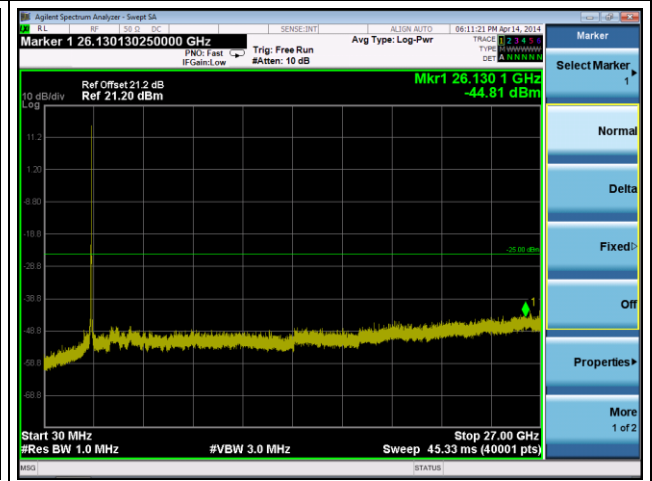
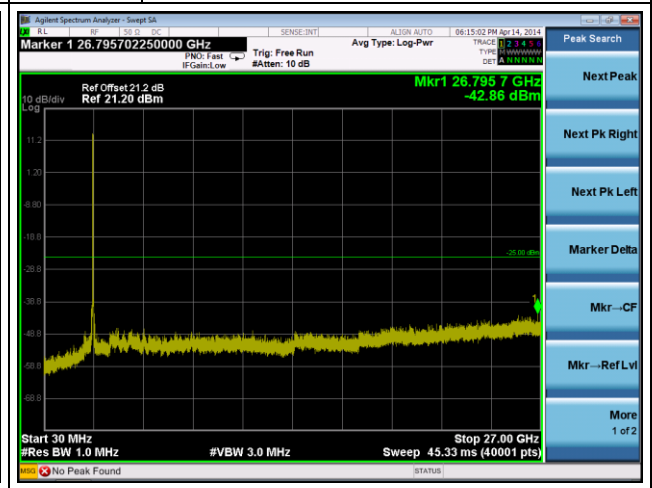


### 3.3.4 Test Result of Conducted Emissions



|   |                              |  |                               |
|---|------------------------------|--|-------------------------------|
| <b>Mode</b>   | LTE Band 41, CB: 10MHz, QPSK | <b>Mode</b>  | LTE Band 41, CB: 10MHz, 16QAM |
| <b>Channel</b>  | 39700                        | <b>Channel</b>   | 39700                         |
|    |                              |    |                               |
| <b>Channel</b>  | 40620                        | <b>Channel</b>   | 40620                         |
|   |                              |   |                               |
| <b>Channel</b>  | 41540                        | <b>Channel</b>   | 41540                         |
|  |                              |  |                               |

|   |                              |  |                               |
|---|------------------------------|--|-------------------------------|
| <b>Mode</b>   | LTE Band 41, CB: 15MHz, QPSK | <b>Mode</b>  | LTE Band 41, CB: 15MHz, 16QAM |
| <b>Channel</b>  | 39725                        | <b>Channel</b>   | 39725                         |
|    |                              |    |                               |
| <b>Channel</b>  | 40620                        | <b>Channel</b>   | 40620                         |
|   |                              |   |                               |
| <b>Channel</b>  | 41515                        | <b>Channel</b>   | 41515                         |
|  |                              |  |                               |

|  |   |
|--|---|
| <b>Mode</b> LTE Band 41, CB: 20MHz, QPSK   | <b>Mode</b> LTE Band 41, CB: 20MHz, 16QAM   |
| <b>Channel</b> 39750   | <b>Channel</b> 39750  |
|  <p>Agilent Spectrum Analyzer - Sweep SA<br/>Marker 1 26.12684750000 GHz<br/>Ref Offset 21.2 dB<br/>Ref 21.20 dBm<br/>Mkr1 26.126 1 GHz<br/>-44.64 dBm<br/>Start 30 MHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 45.33 ms (40001 pts)</p>                     |  <p>Agilent Spectrum Analyzer - Sweep SA<br/>Marker 1 26.17935050000 GHz<br/>Ref Offset 21.2 dB<br/>Ref 21.20 dBm<br/>Mkr1 26.179 4 GHz<br/>-46.16 dBm<br/>Start 30 MHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 45.33 ms (40001 pts)</p>                     |
| <b>Channel</b> 40620   | <b>Channel</b> 40620  |
|  <p>Agilent Spectrum Analyzer - Sweep SA<br/>Marker 1 26.38238700000 GHz<br/>Ref Offset 21.2 dB<br/>Ref 21.20 dBm<br/>Mkr1 26.382 4 GHz<br/>-43.56 dBm<br/>Start 30 MHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 45.33 ms (40001 pts)</p>                    |  <p>Agilent Spectrum Analyzer - Sweep SA<br/>Marker 1 26.13013025000 GHz<br/>Ref Offset 21.2 dB<br/>Ref 21.20 dBm<br/>Mkr1 26.130 1 GHz<br/>-44.81 dBm<br/>Start 30 MHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 45.33 ms (40001 pts)</p>                    |
| <b>Channel</b> 41490   | <b>Channel</b> 41490  |
|  <p>Agilent Spectrum Analyzer - Sweep SA<br/>Marker 1 26.08032300000 GHz<br/>Ref Offset 21.2 dB<br/>Ref 21.20 dBm<br/>Mkr1 26.080 3 GHz<br/>-43.60 dBm<br/>Start 30 MHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 45.33 ms (40001 pts)<br/>No Peak Found</p> |  <p>Agilent Spectrum Analyzer - Sweep SA<br/>Marker 1 26.79570225000 GHz<br/>Ref Offset 21.2 dB<br/>Ref 21.20 dBm<br/>Mkr1 26.795 7 GHz<br/>-42.86 dBm<br/>Start 30 MHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 45.33 ms (40001 pts)<br/>No Peak Found</p> |

## 3.4 Channel Edge

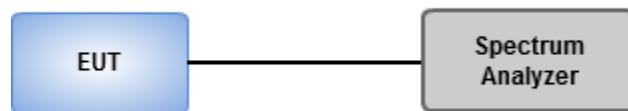
### 3.4.1 Limit of Channel Edge

For mobile digital stations, the attenuation factor shall be not less than  $43 + 10 \log (P)$  dB at the channel edge and  $55 + 10 \log (P)$  dB at 5.5 megahertz from the channel edges

### 3.4.2 Test Procedures

1. Lowest, middle and highest operating channels are tested for this item.
2. Set RBW = 1% of emission bandwidth, VBW = 3 x RBW, detector = RMS, sweep time = auto.
3. Enable adjacent channel power of spectrum analyzer to measure power of channel edge
4. Record the max trace value and capture the test plot.

### 3.4.3 Test Setup



### 3.4.4 Test Result of Band Edge

| <b>Mode</b> LTE Band 41, CB: 5MHz, QPSK  |   |             |             |          |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
|--|---|-------------|-------------|----------|--------|--------|--------|--|--|--|--|-----|-----|-----|---|------------------------|-----|--|--|--|--|--|--|-----------|-----------|--------|--------|--------|--|--|-----------|-----------|--------|--------|--------|--|---------------|-----------|-------------|----------|--------|--------|--------|--|-----------|-----------|--------|--------|--------|-----|---|------------------------|-----------|--------|--------|--------|--|--|-----------|-----------|-----------|--------|--------|--|---------------|--------|-------------|-----------|--------|--------|--------|--|--|--|--|-----|-----|-----|---|------------------------|-----|--|--|--|--|--|--|-----------|-----------|--------|--------|--------|--|--|-----------|-----------|--------|--------|--------|--|--|-----------|-----------|--------|--------|--------|--|--|-----------|-----------|--------|--------|--------|--|--|-----------|-----------|--------|--------|--------|--|--|-----------|-----------|--------|--------|--------|
| <b>Channel</b> 39675, 1RB at the lower edge  | <b>Channel</b> 39675, 1RB at the upper edge |             |             |          |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
| <p>Center Freq 2.498500000 GHz<br/>#Res BW 51 kHz<br/>#VBW 160 kHz<br/>Sweep 73.27 ms<br/>Total Carrier Power 23.169 dBm/5.000 MHz</p> <table border="1"> <thead> <tr> <th>Carrier Power</th> <th>Filter</th> <th>Offset Freq</th> <th>Integ BW</th> <th>Lower</th> <th>Upper</th> <th>Filter</th> </tr> <tr> <th></th> <th></th> <th></th> <th></th> <th>dBc</th> <th>dBm</th> <th>dBm</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>23.169 dBm / 5.000 MHz</td> <td>OFF</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>2.525 MHz</td> <td>50.00 kHz</td> <td>-38.21</td> <td>-15.04</td> <td>-30.89</td> </tr> <tr> <td></td> <td></td> <td>4.000 MHz</td> <td>1.000 MHz</td> <td>-47.47</td> <td>-24.30</td> <td>-25.20</td> </tr> <tr> <td></td> <td></td> <td>5.000 MHz</td> <td>1.000 MHz</td> <td>-48.71</td> <td>-25.54</td> <td>-17.92</td> </tr> <tr> <td></td> <td></td> <td>6.000 MHz</td> <td>1.000 MHz</td> <td>-48.95</td> <td>-25.79</td> <td>-18.60</td> </tr> <tr> <td></td> <td></td> <td>7.000 MHz</td> <td>1.000 MHz</td> <td>-50.38</td> <td>-27.21</td> <td>-28.49</td> </tr> <tr> <td></td> <td></td> <td>7.500 MHz</td> <td>1.000 MHz</td> <td>-51.56</td> <td>-28.39</td> <td>-29.29</td> </tr> </tbody> </table> | Carrier Power                               | Filter      | Offset Freq | Integ BW | Lower  | Upper  | Filter |  |  |  |  | dBc | dBm | dBm | 1 | 23.169 dBm / 5.000 MHz | OFF |  |  |  |  |  |  | 2.525 MHz | 50.00 kHz | -38.21 | -15.04 | -30.89 |  |  | 4.000 MHz | 1.000 MHz | -47.47 | -24.30 | -25.20 |  |               | 5.000 MHz | 1.000 MHz   | -48.71   | -25.54 | -17.92 |        |  | 6.000 MHz | 1.000 MHz | -48.95 | -25.79 | -18.60 |     |   | 7.000 MHz              | 1.000 MHz | -50.38 | -27.21 | -28.49 |  |  | 7.500 MHz | 1.000 MHz | -51.56    | -28.39 | -29.29 | <p>Center Freq 2.498500000 GHz<br/>#Res BW 51 kHz<br/>#VBW 160 kHz<br/>Sweep 73.27 ms<br/>Total Carrier Power 23.135 dBm/5.000 MHz</p> <table border="1"> <thead> <tr> <th>Carrier Power</th> <th>Filter</th> <th>Offset Freq</th> <th>Integ BW</th> <th>Lower</th> <th>Upper</th> <th>Filter</th> </tr> <tr> <th></th> <th></th> <th></th> <th></th> <th>dBc</th> <th>dBm</th> <th>dBm</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>23.135 dBm / 5.000 MHz</td> <td>OFF</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>2.525 MHz</td> <td>50.00 kHz</td> <td>-50.56</td> <td>-27.43</td> <td>-39.58</td> </tr> <tr> <td></td> <td></td> <td>4.000 MHz</td> <td>1.000 MHz</td> <td>-48.32</td> <td>-25.18</td> <td>-25.01</td> </tr> <tr> <td></td> <td></td> <td>5.000 MHz</td> <td>1.000 MHz</td> <td>-40.24</td> <td>-17.11</td> <td>-48.47</td> </tr> <tr> <td></td> <td></td> <td>6.000 MHz</td> <td>1.000 MHz</td> <td>-41.20</td> <td>-18.07</td> <td>-49.84</td> </tr> <tr> <td></td> <td></td> <td>7.000 MHz</td> <td>1.000 MHz</td> <td>-50.48</td> <td>-27.33</td> <td>-51.22</td> </tr> <tr> <td></td> <td></td> <td>7.500 MHz</td> <td>1.000 MHz</td> <td>-51.46</td> <td>-28.32</td> <td>-52.09</td> </tr> </tbody> </table> | Carrier Power | Filter | Offset Freq | Integ BW  | Lower  | Upper  | Filter |  |  |  |  | dBc | dBm | dBm | 1 | 23.135 dBm / 5.000 MHz | OFF |  |  |  |  |  |  | 2.525 MHz | 50.00 kHz | -50.56 | -27.43 | -39.58 |  |  | 4.000 MHz | 1.000 MHz | -48.32 | -25.18 | -25.01 |  |  | 5.000 MHz | 1.000 MHz | -40.24 | -17.11 | -48.47 |  |  | 6.000 MHz | 1.000 MHz | -41.20 | -18.07 | -49.84 |  |  | 7.000 MHz | 1.000 MHz | -50.48 | -27.33 | -51.22 |  |  | 7.500 MHz | 1.000 MHz | -51.46 | -28.32 | -52.09 |
| Carrier Power  | Filter                                      | Offset Freq | Integ BW    | Lower    | Upper  | Filter |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
|  |   |             |             | dBc      | dBm    | dBm    |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
| 1  | 23.169 dBm / 5.000 MHz                      | OFF         |             |          |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
|  |   | 2.525 MHz   | 50.00 kHz   | -38.21   | -15.04 | -30.89 |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
|  |   | 4.000 MHz   | 1.000 MHz   | -47.47   | -24.30 | -25.20 |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
|  |   | 5.000 MHz   | 1.000 MHz   | -48.71   | -25.54 | -17.92 |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
|  |   | 6.000 MHz   | 1.000 MHz   | -48.95   | -25.79 | -18.60 |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
|  |   | 7.000 MHz   | 1.000 MHz   | -50.38   | -27.21 | -28.49 |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
|  |   | 7.500 MHz   | 1.000 MHz   | -51.56   | -28.39 | -29.29 |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
| Carrier Power  | Filter                                      | Offset Freq | Integ BW    | Lower    | Upper  | Filter |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
|  |   |             |             | dBc      | dBm    | dBm    |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
| 1  | 23.135 dBm / 5.000 MHz                      | OFF         |             |          |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
|  |   | 2.525 MHz   | 50.00 kHz   | -50.56   | -27.43 | -39.58 |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
|  |   | 4.000 MHz   | 1.000 MHz   | -48.32   | -25.18 | -25.01 |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
|  |   | 5.000 MHz   | 1.000 MHz   | -40.24   | -17.11 | -48.47 |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
|  |   | 6.000 MHz   | 1.000 MHz   | -41.20   | -18.07 | -49.84 |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
|  |   | 7.000 MHz   | 1.000 MHz   | -50.48   | -27.33 | -51.22 |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
|  |   | 7.500 MHz   | 1.000 MHz   | -51.46   | -28.32 | -52.09 |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
| <b>Channel</b> 39675, 1RB at the lower edge  | <b>Channel</b> 39675, 1RB at the upper edge |             |             |          |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
| <p>Center Freq 2.498500000 GHz<br/>#Res BW 51 kHz<br/>#VBW 160 kHz<br/>Sweep 73.27 ms<br/>Total Carrier Power 23.055 dBm/5.000 MHz</p> <table border="1"> <thead> <tr> <th>Carrier Power</th> <th>Filter</th> <th>Offset Freq</th> <th>Integ BW</th> <th>Lower</th> <th>Upper</th> <th>Filter</th> </tr> <tr> <th></th> <th></th> <th></th> <th></th> <th>dBc</th> <th>dBm</th> <th>dBm</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>23.055 dBm / 5.000 MHz</td> <td>OFF</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>8.500 MHz</td> <td>1.000 MHz</td> <td>-53.91</td> <td>-30.85</td> <td>-30.88</td> </tr> <tr> <td></td> <td></td> <td>9.500 MHz</td> <td>1.000 MHz</td> <td>-54.63</td> <td>-31.57</td> <td>-36.10</td> </tr> </tbody> </table>   | Carrier Power                               | Filter      | Offset Freq | Integ BW | Lower  | Upper  | Filter |  |  |  |  | dBc | dBm | dBm | 1 | 23.055 dBm / 5.000 MHz | OFF |  |  |  |  |  |  | 8.500 MHz | 1.000 MHz | -53.91 | -30.85 | -30.88 |  |  | 9.500 MHz | 1.000 MHz | -54.63 | -31.57 | -36.10 | <p>Center Freq 2.498500000 GHz<br/>#Res BW 51 kHz<br/>#VBW 160 kHz<br/>Sweep 73.27 ms<br/>Total Carrier Power 23.005 dBm/5.000 MHz</p> <table border="1"> <thead> <tr> <th>Carrier Power</th> <th>Filter</th> <th>Offset Freq</th> <th>Integ BW</th> <th>Lower</th> <th>Upper</th> <th>Filter</th> </tr> <tr> <th></th> <th></th> <th></th> <th></th> <th>dBc</th> <th>dBm</th> <th>dBm</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>23.005 dBm / 5.000 MHz</td> <td>OFF</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>8.500 MHz</td> <td>1.000 MHz</td> <td>-53.35</td> <td>-30.35</td> <td>-30.34</td> </tr> <tr> <td></td> <td></td> <td>9.500 MHz</td> <td>1.000 MHz</td> <td>-58.54</td> <td>-35.53</td> <td>-30.89</td> </tr> </tbody> </table> | Carrier Power | Filter    | Offset Freq | Integ BW | Lower  | Upper  | Filter |  |           |           |        | dBc    | dBm    | dBm | 1 | 23.005 dBm / 5.000 MHz | OFF       |        |        |        |  |  |           | 8.500 MHz | 1.000 MHz | -53.35 | -30.35 | -30.34   |               |        | 9.500 MHz   | 1.000 MHz | -58.54 | -35.53 | -30.89 |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
| Carrier Power  | Filter                                      | Offset Freq | Integ BW    | Lower    | Upper  | Filter |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
|  |   |             |             | dBc      | dBm    | dBm    |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
| 1  | 23.055 dBm / 5.000 MHz                      | OFF         |             |          |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
|  |   | 8.500 MHz   | 1.000 MHz   | -53.91   | -30.85 | -30.88 |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
|  |   | 9.500 MHz   | 1.000 MHz   | -54.63   | -31.57 | -36.10 |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
| Carrier Power  | Filter                                      | Offset Freq | Integ BW    | Lower    | Upper  | Filter |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
|  |   |             |             | dBc      | dBm    | dBm    |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
| 1  | 23.005 dBm / 5.000 MHz                      | OFF         |             |          |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
|  |   | 8.500 MHz   | 1.000 MHz   | -53.35   | -30.35 | -30.34 |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
|  |   | 9.500 MHz   | 1.000 MHz   | -58.54   | -35.53 | -30.89 |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
| <b>Channel</b> 39675, 100%RB   | <b>Channel</b> 39675, 100%RB                |             |             |          |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
| <p>Center Freq 2.499 GHz<br/>#Res BW 51 kHz<br/>#VBW 160 kHz<br/>Sweep 73.27 ms<br/>Total Carrier Power 22.683 dBm/5.000 MHz</p> <table border="1"> <thead> <tr> <th>Carrier Power</th> <th>Filter</th> <th>Offset Freq</th> <th>Integ BW</th> <th>Lower</th> <th>Upper</th> <th>Filter</th> </tr> <tr> <th></th> <th></th> <th></th> <th></th> <th>dBc</th> <th>dBm</th> <th>dBm</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>22.683 dBm / 5.000 MHz</td> <td>OFF</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>2.525 MHz</td> <td>50.00 kHz</td> <td>-46.68</td> <td>-23.99</td> <td>-45.25</td> </tr> <tr> <td></td> <td></td> <td>4.000 MHz</td> <td>1.000 MHz</td> <td>-38.28</td> <td>-15.60</td> <td>-38.62</td> </tr> <tr> <td></td> <td></td> <td>5.000 MHz</td> <td>1.000 MHz</td> <td>-40.02</td> <td>-17.33</td> <td>-40.71</td> </tr> <tr> <td></td> <td></td> <td>6.000 MHz</td> <td>1.000 MHz</td> <td>-44.51</td> <td>-21.82</td> <td>-45.00</td> </tr> <tr> <td></td> <td></td> <td>7.000 MHz</td> <td>1.000 MHz</td> <td>-53.58</td> <td>-30.80</td> <td>-53.74</td> </tr> <tr> <td></td> <td></td> <td>7.500 MHz</td> <td>1.000 MHz</td> <td>-53.97</td> <td>-31.29</td> <td>-54.51</td> </tr> </tbody> </table>       | Carrier Power                               | Filter      | Offset Freq | Integ BW | Lower  | Upper  | Filter |  |  |  |  | dBc | dBm | dBm | 1 | 22.683 dBm / 5.000 MHz | OFF |  |  |  |  |  |  | 2.525 MHz | 50.00 kHz | -46.68 | -23.99 | -45.25 |  |  | 4.000 MHz | 1.000 MHz | -38.28 | -15.60 | -38.62 |  |               | 5.000 MHz | 1.000 MHz   | -40.02   | -17.33 | -40.71 |        |  | 6.000 MHz | 1.000 MHz | -44.51 | -21.82 | -45.00 |     |   | 7.000 MHz              | 1.000 MHz | -53.58 | -30.80 | -53.74 |  |  | 7.500 MHz | 1.000 MHz | -53.97    | -31.29 | -54.51 | <p>Center Freq 2.499 GHz<br/>#Res BW 51 kHz<br/>#VBW 160 kHz<br/>Sweep 73.27 ms<br/>Total Carrier Power 22.693 dBm/5.000 MHz</p> <table border="1"> <thead> <tr> <th>Carrier Power</th> <th>Filter</th> <th>Offset Freq</th> <th>Integ BW</th> <th>Lower</th> <th>Upper</th> <th>Filter</th> </tr> <tr> <th></th> <th></th> <th></th> <th></th> <th>dBc</th> <th>dBm</th> <th>dBm</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>22.693 dBm / 5.000 MHz</td> <td>OFF</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>8.500 MHz</td> <td>1.000 MHz</td> <td>-56.03</td> <td>-33.33</td> <td>-55.94</td> </tr> <tr> <td></td> <td></td> <td>9.500 MHz</td> <td>1.000 MHz</td> <td>-57.60</td> <td>-34.90</td> <td>-58.55</td> </tr> </tbody> </table>   | Carrier Power | Filter | Offset Freq | Integ BW  | Lower  | Upper  | Filter |  |  |  |  | dBc | dBm | dBm | 1 | 22.693 dBm / 5.000 MHz | OFF |  |  |  |  |  |  | 8.500 MHz | 1.000 MHz | -56.03 | -33.33 | -55.94 |  |  | 9.500 MHz | 1.000 MHz | -57.60 | -34.90 | -58.55 |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
| Carrier Power  | Filter                                      | Offset Freq | Integ BW    | Lower    | Upper  | Filter |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
|  |   |             |             | dBc      | dBm    | dBm    |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
| 1  | 22.683 dBm / 5.000 MHz                      | OFF         |             |          |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
|  |   | 2.525 MHz   | 50.00 kHz   | -46.68   | -23.99 | -45.25 |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
|  |   | 4.000 MHz   | 1.000 MHz   | -38.28   | -15.60 | -38.62 |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
|  |   | 5.000 MHz   | 1.000 MHz   | -40.02   | -17.33 | -40.71 |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
|  |   | 6.000 MHz   | 1.000 MHz   | -44.51   | -21.82 | -45.00 |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
|  |   | 7.000 MHz   | 1.000 MHz   | -53.58   | -30.80 | -53.74 |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
|  |   | 7.500 MHz   | 1.000 MHz   | -53.97   | -31.29 | -54.51 |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
| Carrier Power  | Filter                                      | Offset Freq | Integ BW    | Lower    | Upper  | Filter |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
|  |   |             |             | dBc      | dBm    | dBm    |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
| 1  | 22.693 dBm / 5.000 MHz                      | OFF         |             |          |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
|  |   | 8.500 MHz   | 1.000 MHz   | -56.03   | -33.33 | -55.94 |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |
|  |   | 9.500 MHz   | 1.000 MHz   | -57.60   | -34.90 | -58.55 |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |               |           |             |          |        |        |        |  |           |           |        |        |        |     |   |                        |           |        |        |        |  |  |           |           |           |        |        |  |               |        |             |           |        |        |        |  |  |  |  |     |     |     |   |                        |     |  |  |  |  |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |  |  |           |           |        |        |        |

