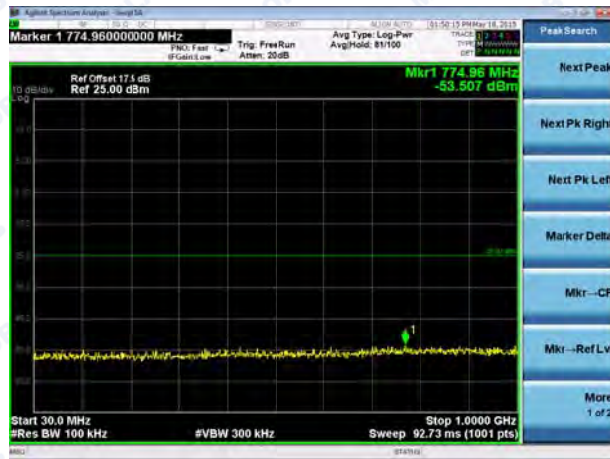




## LTE Band 7 10MHz BW Low Channel

## QPSK



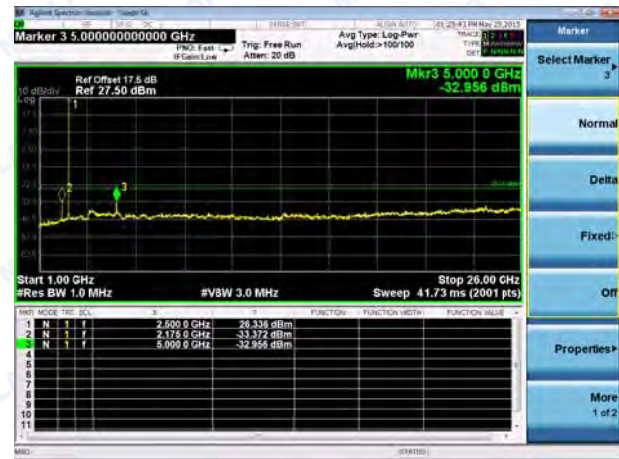
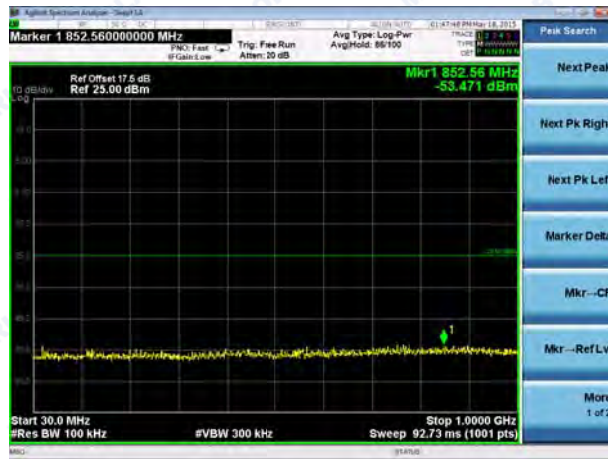
## 16QAM



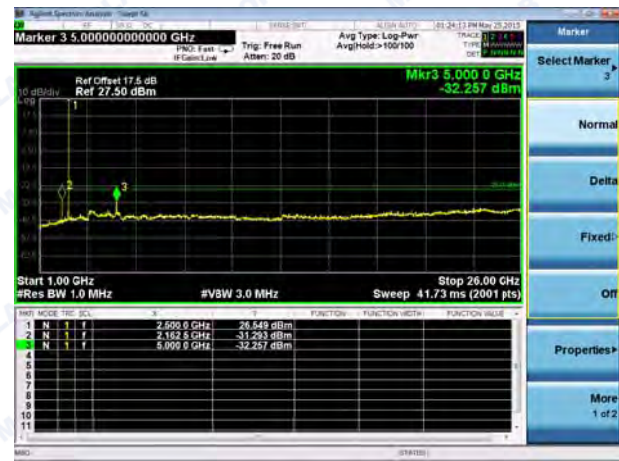


LTE Band 7 15MHz BW Low Channel

QPSK



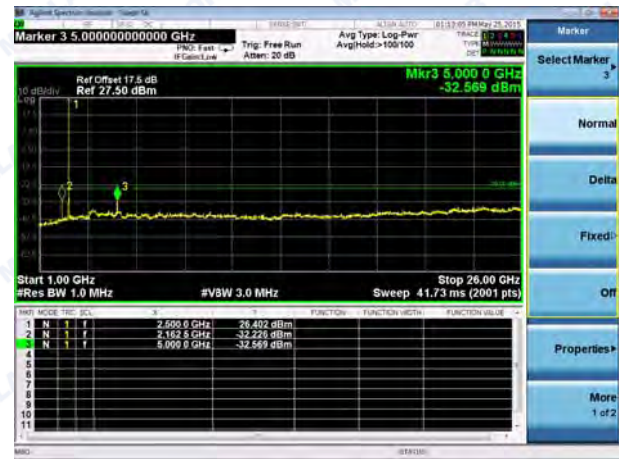
16QAM



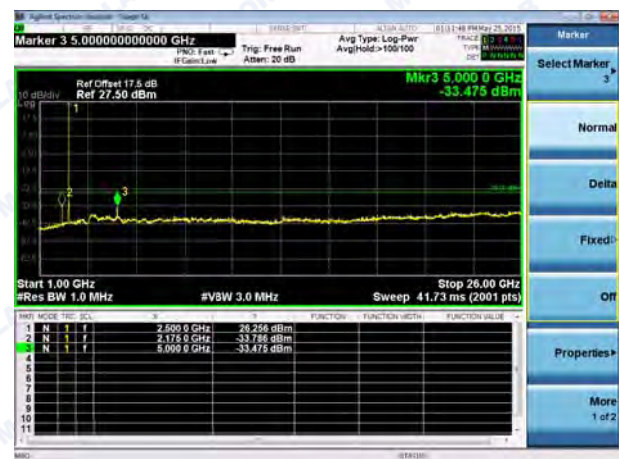
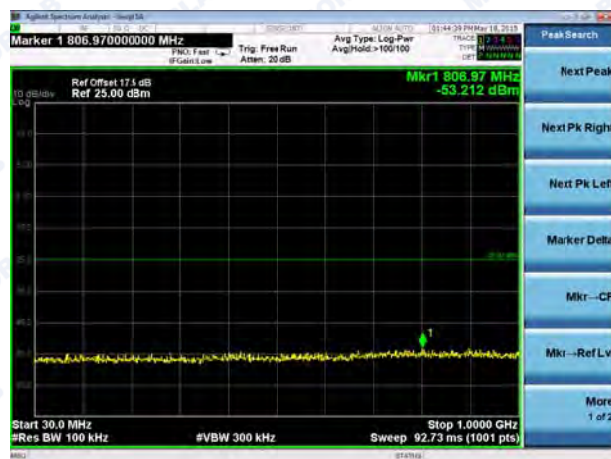


## LTE Band 7 20MHz BW Low Channel

## QPSK



## 16QAM



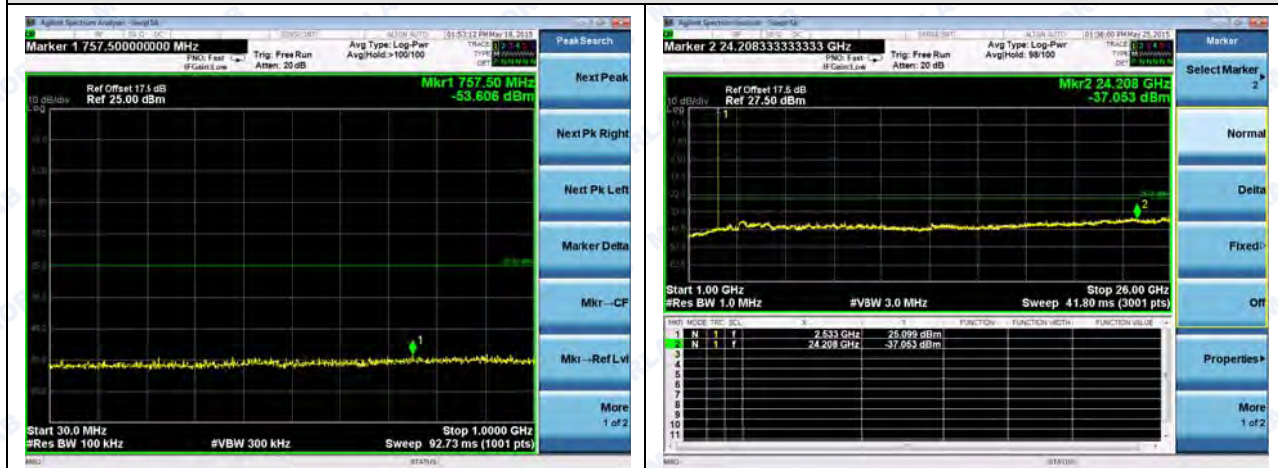


REPORT No.: SZ15040195W02

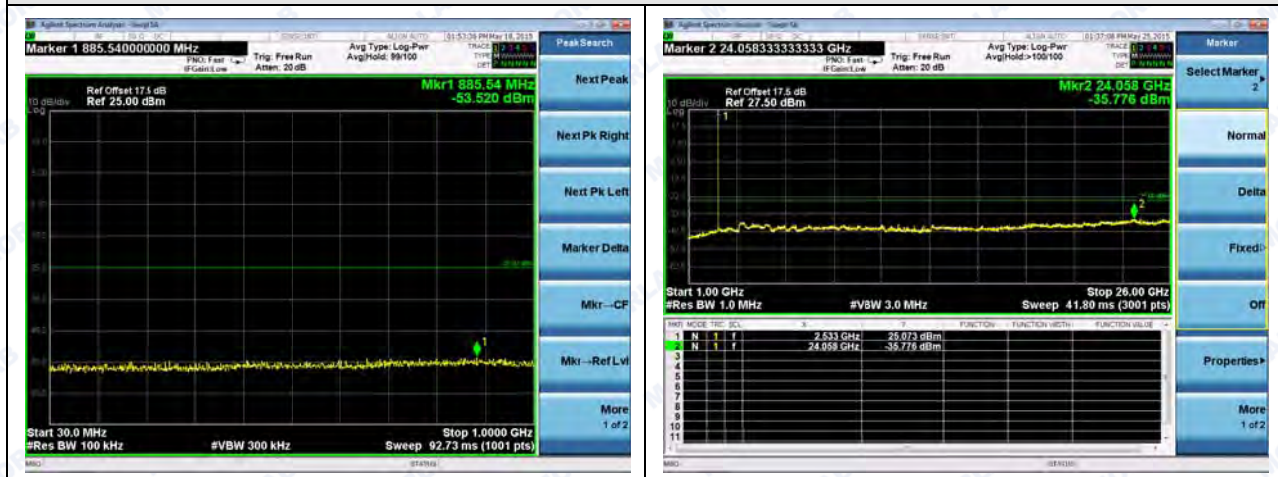
Middle channel:

LTE Band 7 5MHz BW Mid Channel

QPSK



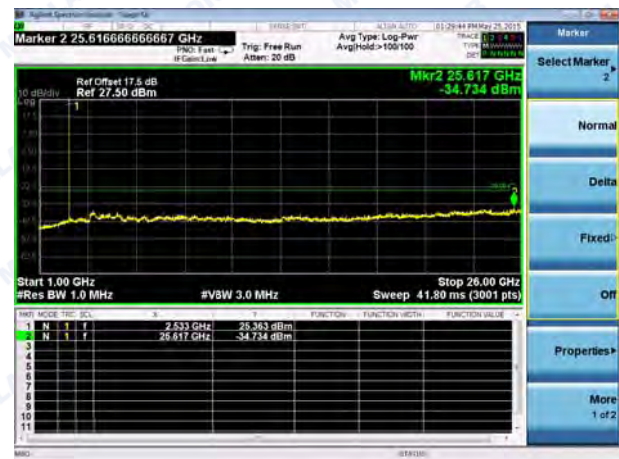
16QAM



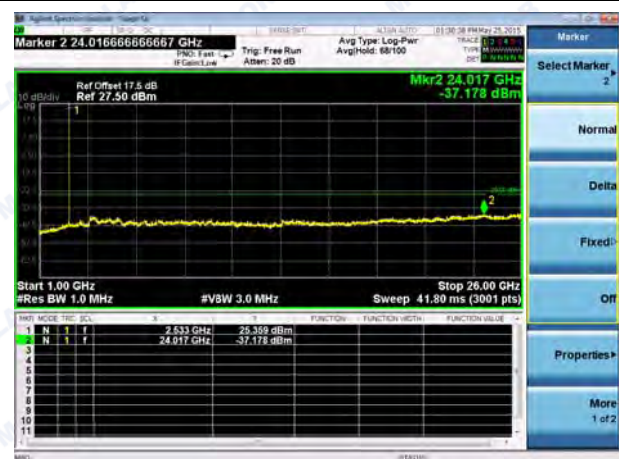
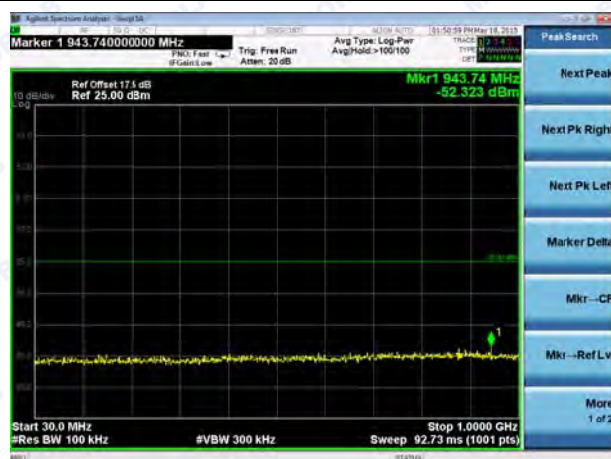


## LTE Band 7 10MHz BW Mid Channel

## QPSK



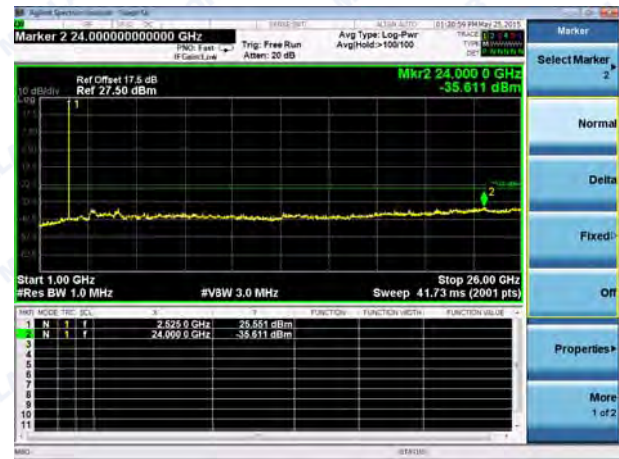
## 16QAM



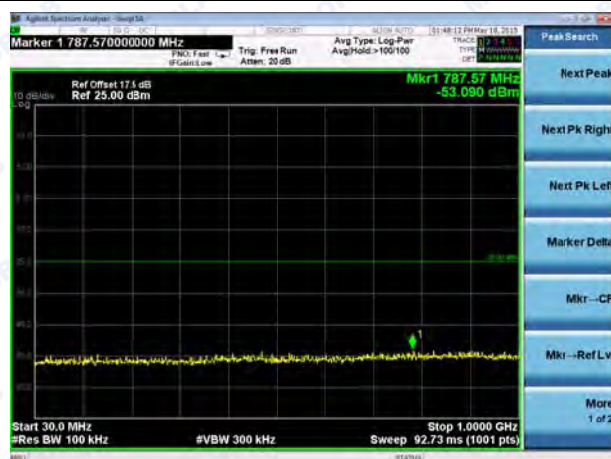


## LTE Band 7 15MHz BW Mid Channel

## QPSK



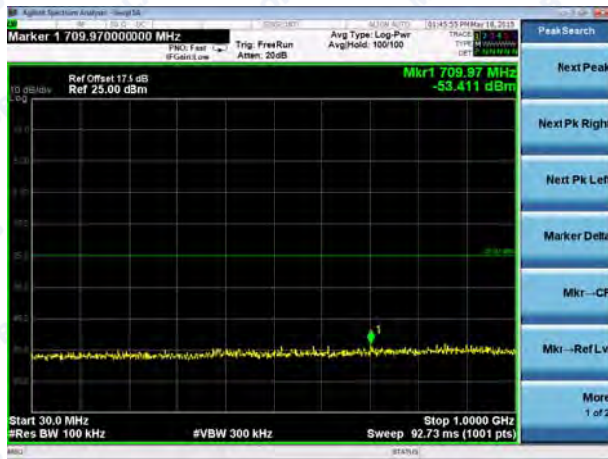
## 16QAM



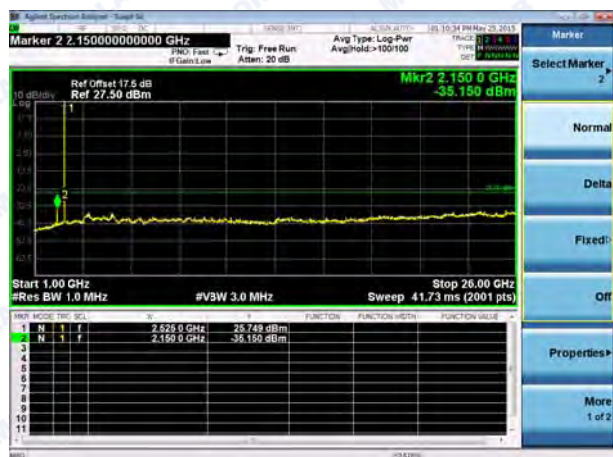
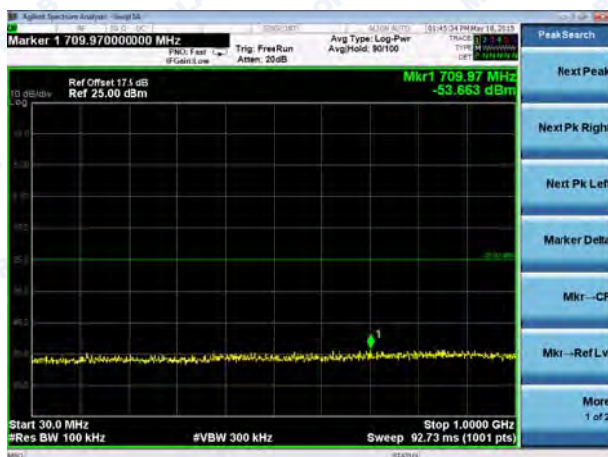


## LTE Band 7 20MHz BW Mid Channel

## QPSK



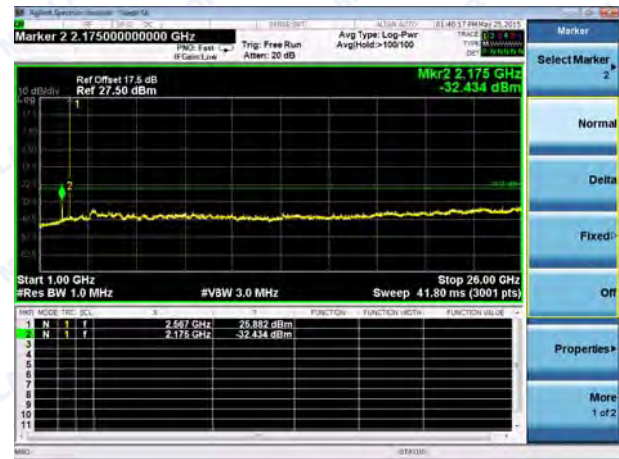
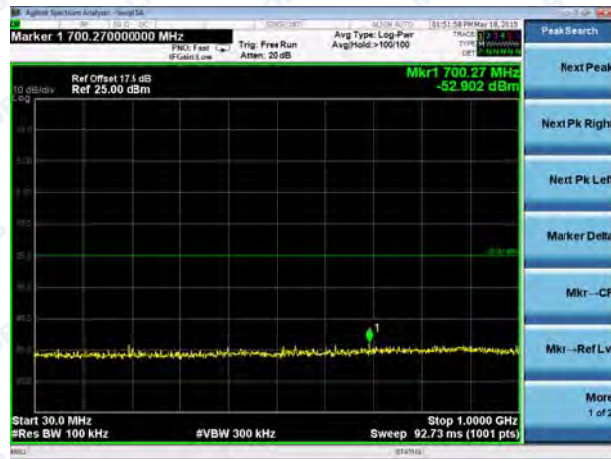
## 16QAM



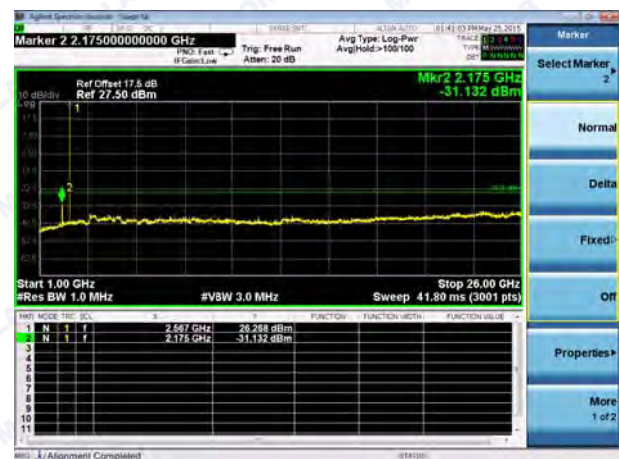


LTE Band 7 5MHz BW High Channel

QPSK



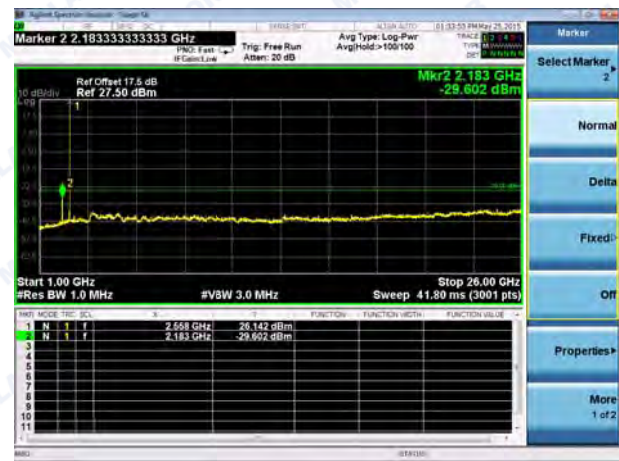
16QAM



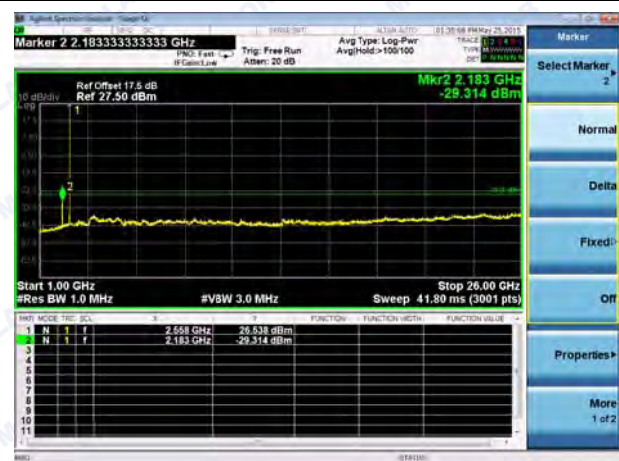
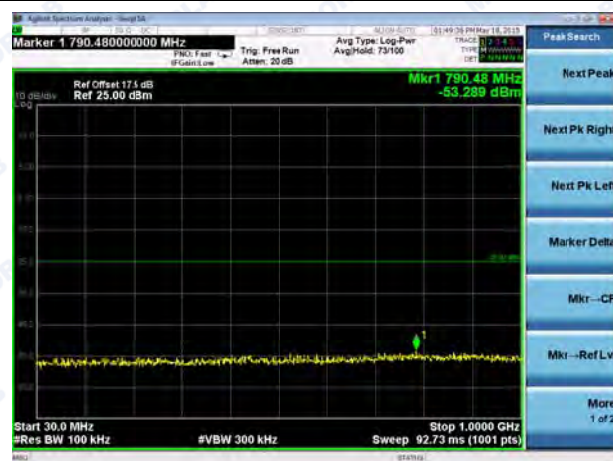


## LTE Band 7 10MHz BW High Channel

## QPSK



## 16QAM

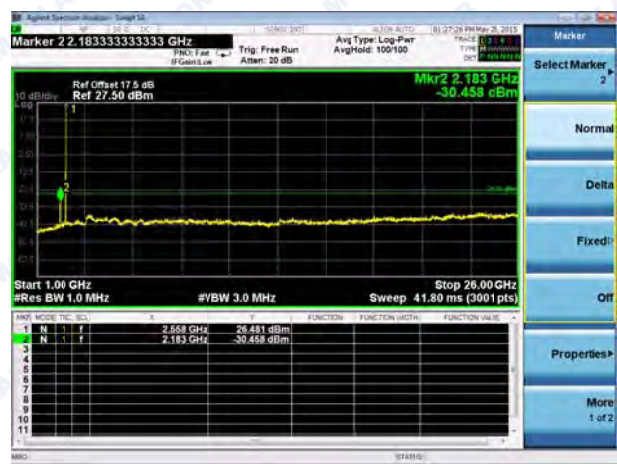




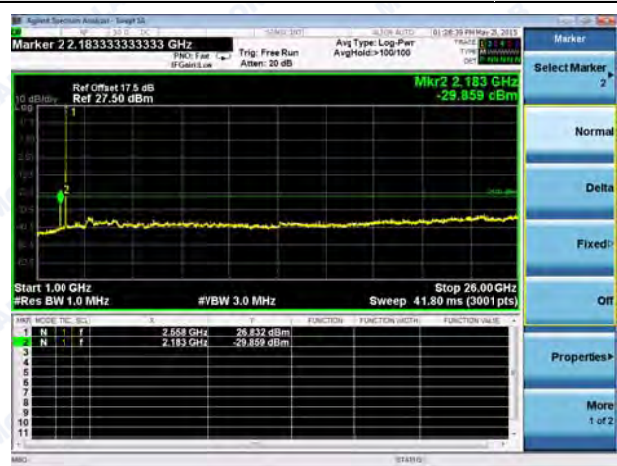
REPORT No.: SZ15040195W02

LTE Band 7 15MHz BW High Channel

QPSK



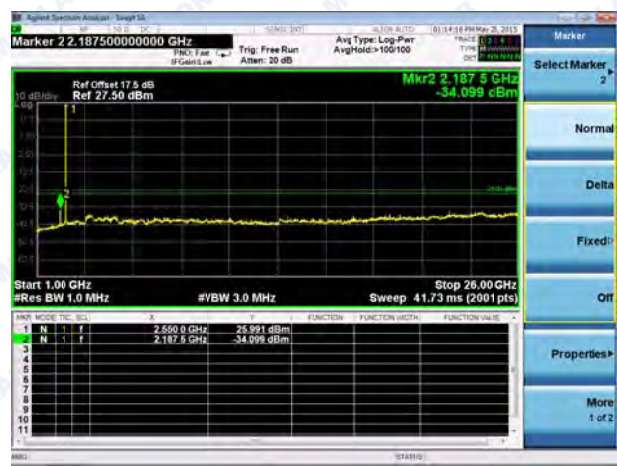
16QAM



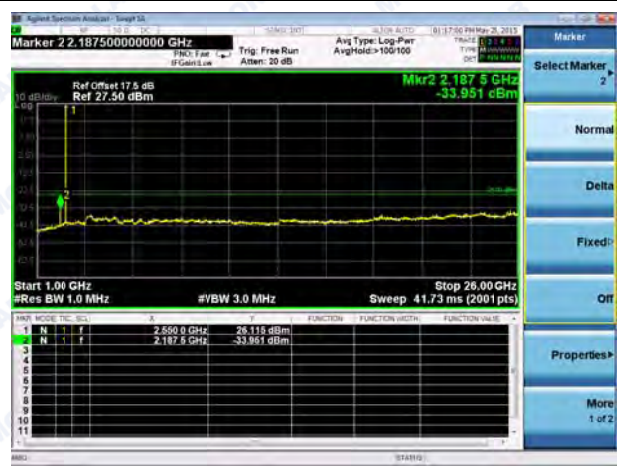
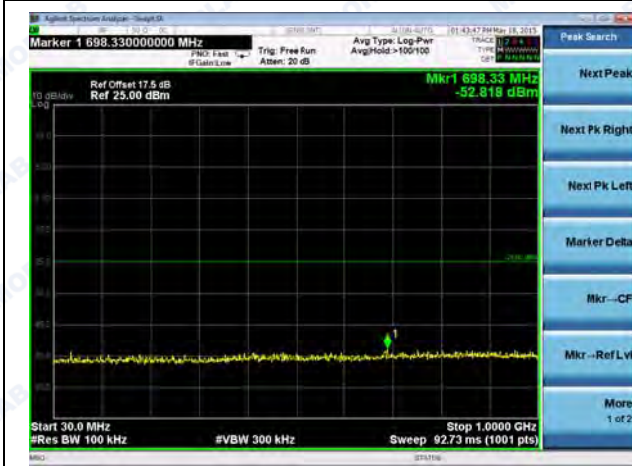


LTE Band 7 20MHz BW High Channel

QPSK



16QAM





## 2.6 Band Edge

### 2.6.1 Requirement

According to FCC section 27.53(g) (h), (g) For operations in the 698–746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least  $43 + 10 \log (P)$  dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

(h) For operations in the 1710–1755 MHz bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least  $43 + 10 \log_{10}(P)$  dB.

### 2.6.2 Test Description

See section 2.1.2 of this report.

### 2.6.3 Test Result

The center frequency of spectrum is the band edge frequency and span is 2MHz, Record the max trace into the test report.

PASS. See the attached plots.



## LTE Band 2

Channel Bandwidth: 1.4MHz

| Channel | 18607 | RB Size 1 | RB Offset 0 | Channel | 18607 | RB Size 6 | RB Offset 0 |
|---------|-------|-----------|-------------|---------|-------|-----------|-------------|
|---------|-------|-----------|-------------|---------|-------|-----------|-------------|



Channel Bandwidth: 1.4MHz

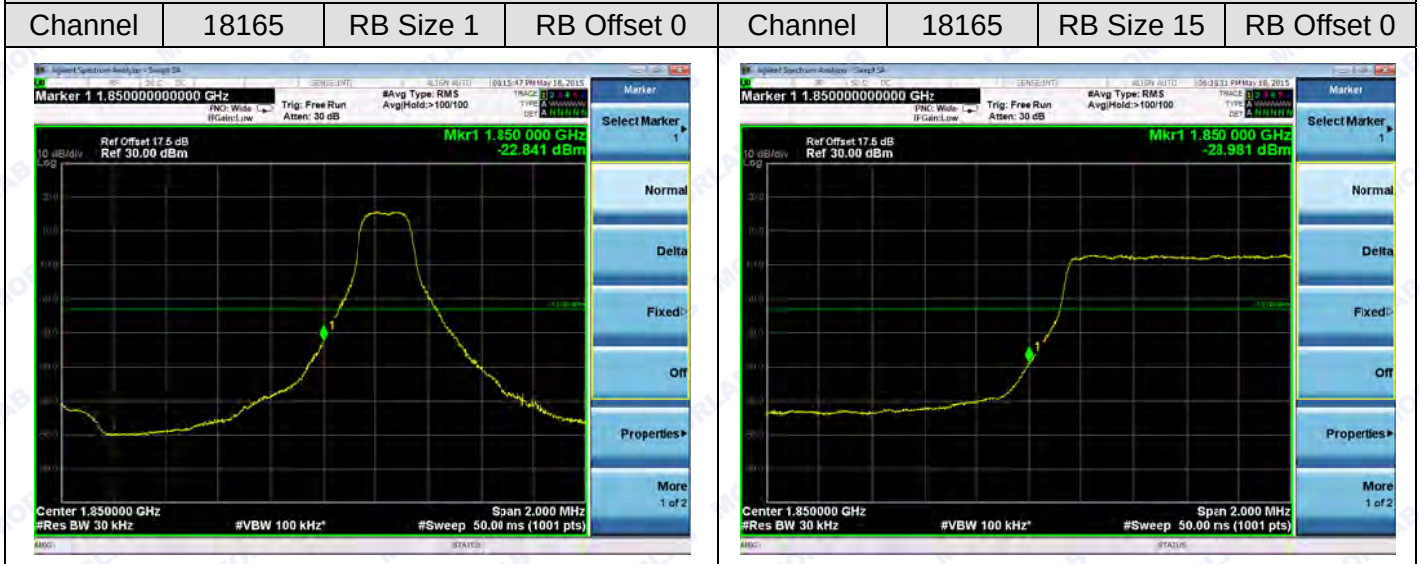
| Channel | 19192 | RB Size 1 | RB Offset 5 | Channel | 19192 | RB Size 6 | RB Offset 0 |
|---------|-------|-----------|-------------|---------|-------|-----------|-------------|
|---------|-------|-----------|-------------|---------|-------|-----------|-------------|



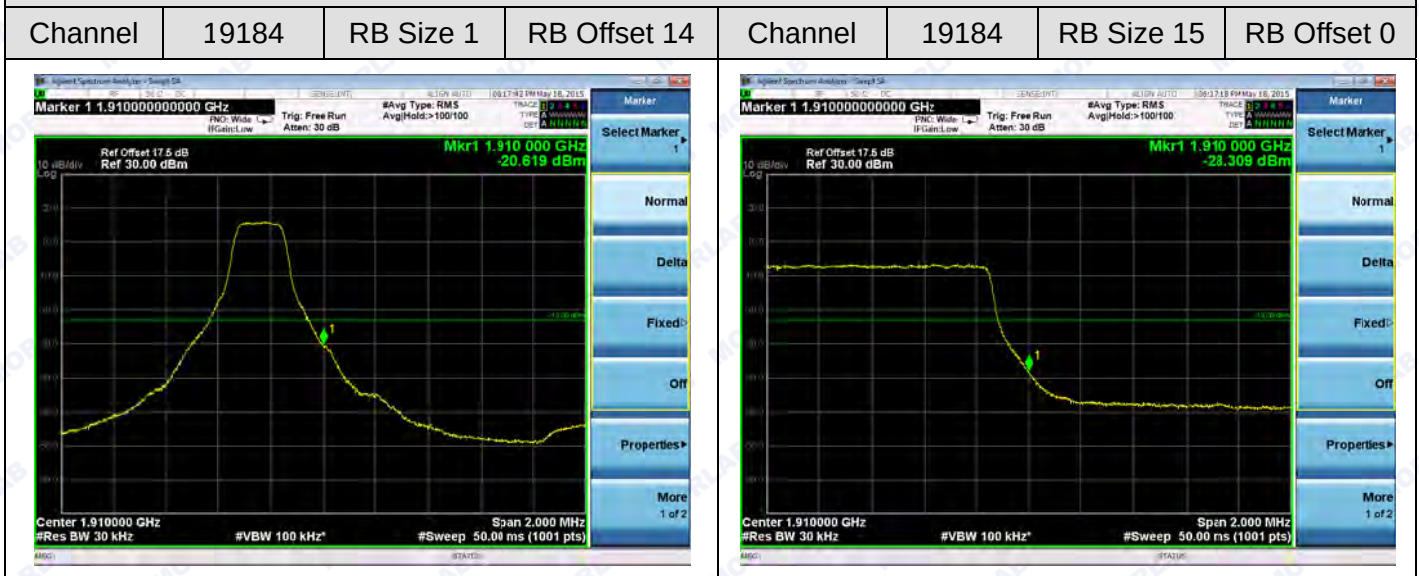


## LTE Band 2

Channel Bandwidth: 3MHz



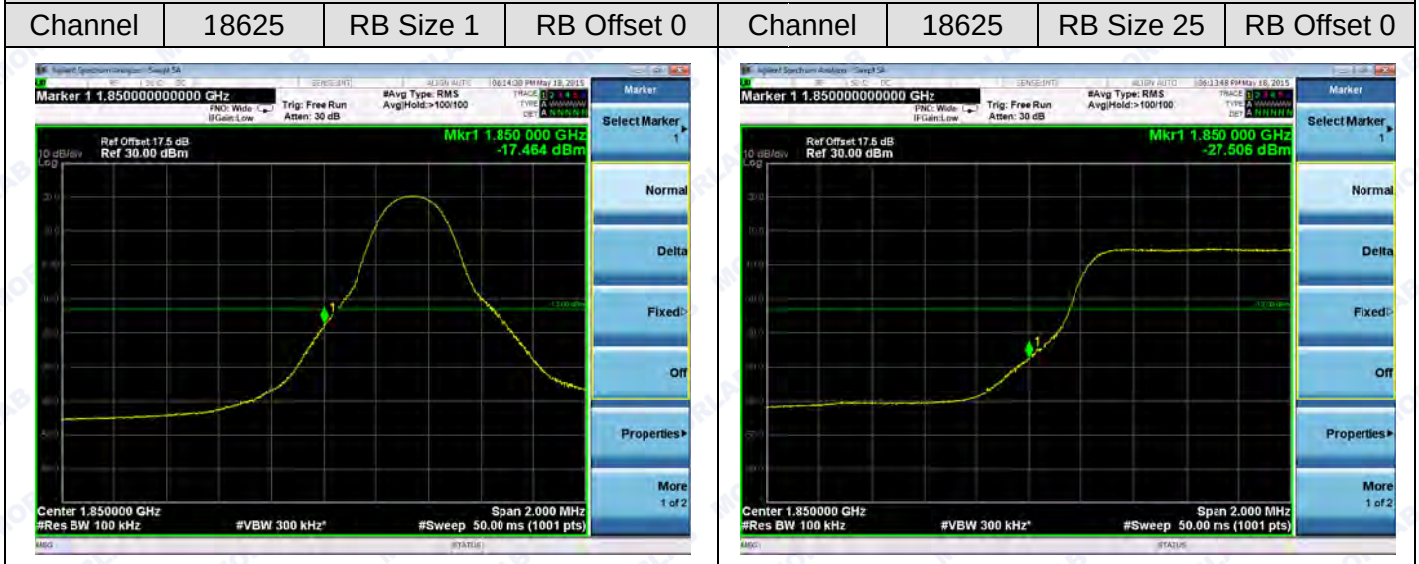
Channel Bandwidth: 3MHz



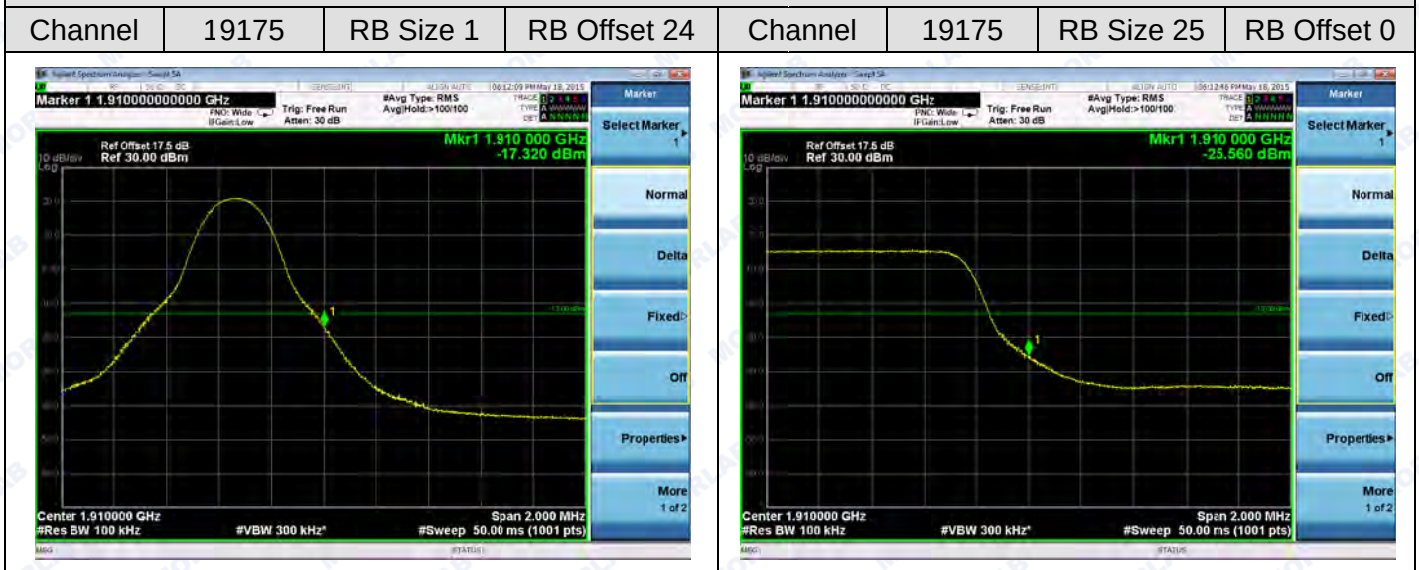


## LTE Band 2

Channel Bandwidth: 5MHz



Channel Bandwidth: 5MHz





REPORT No.: SZ15040195W02

## LTE Band 2

Channel Bandwidth: 10MHz

| Channel | 18650 | RB Size 1 | RB Offset 0 | Channel | 18650 | RB Size 50 | RB Offset 0 |
|---------|-------|-----------|-------------|---------|-------|------------|-------------|
|---------|-------|-----------|-------------|---------|-------|------------|-------------|



Channel Bandwidth: 10MHz

| Channel | 19150 | RB Size 1 | RB Offset 49 | Channel | 19150 | RB Size 50 | RB Offset 0 |
|---------|-------|-----------|--------------|---------|-------|------------|-------------|
|---------|-------|-----------|--------------|---------|-------|------------|-------------|

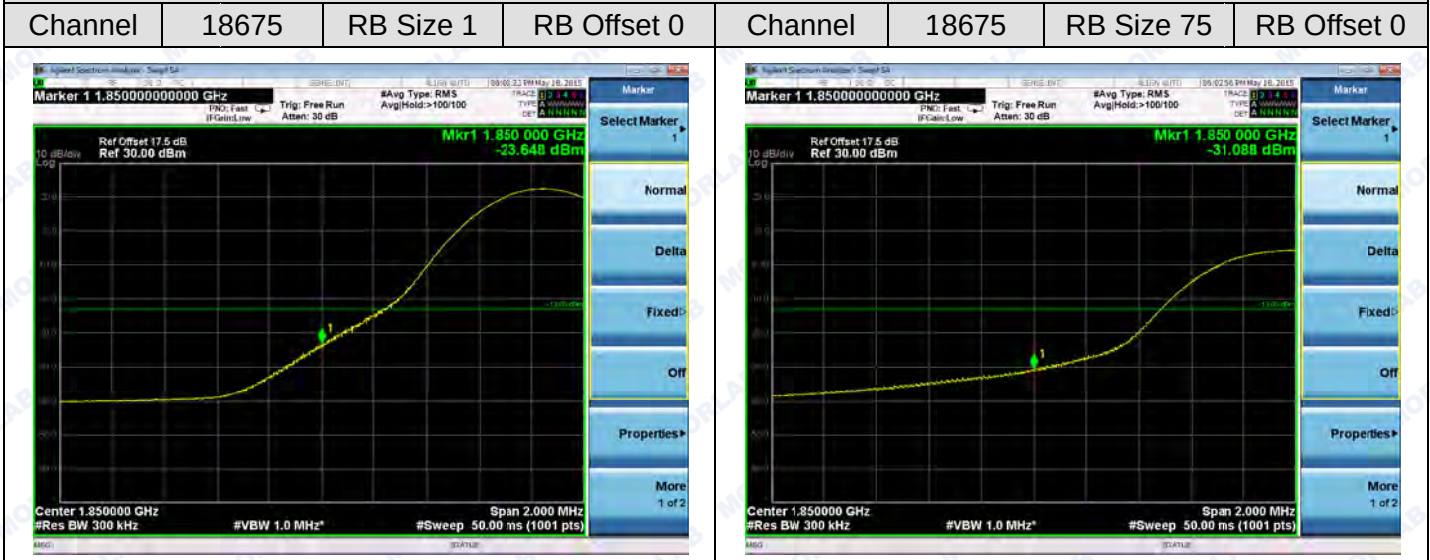




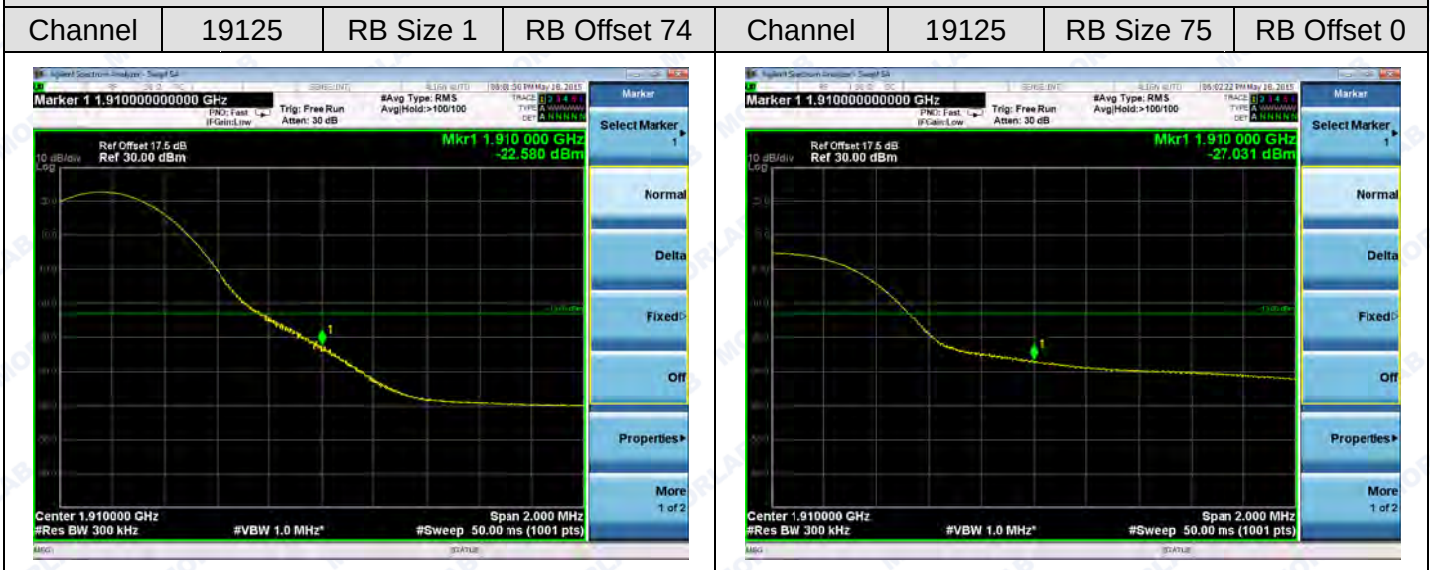
REPORT No.: SZ15040195W02

## LTE Band 2

Channel Bandwidth: 15MHz



Channel Bandwidth: 15MHz

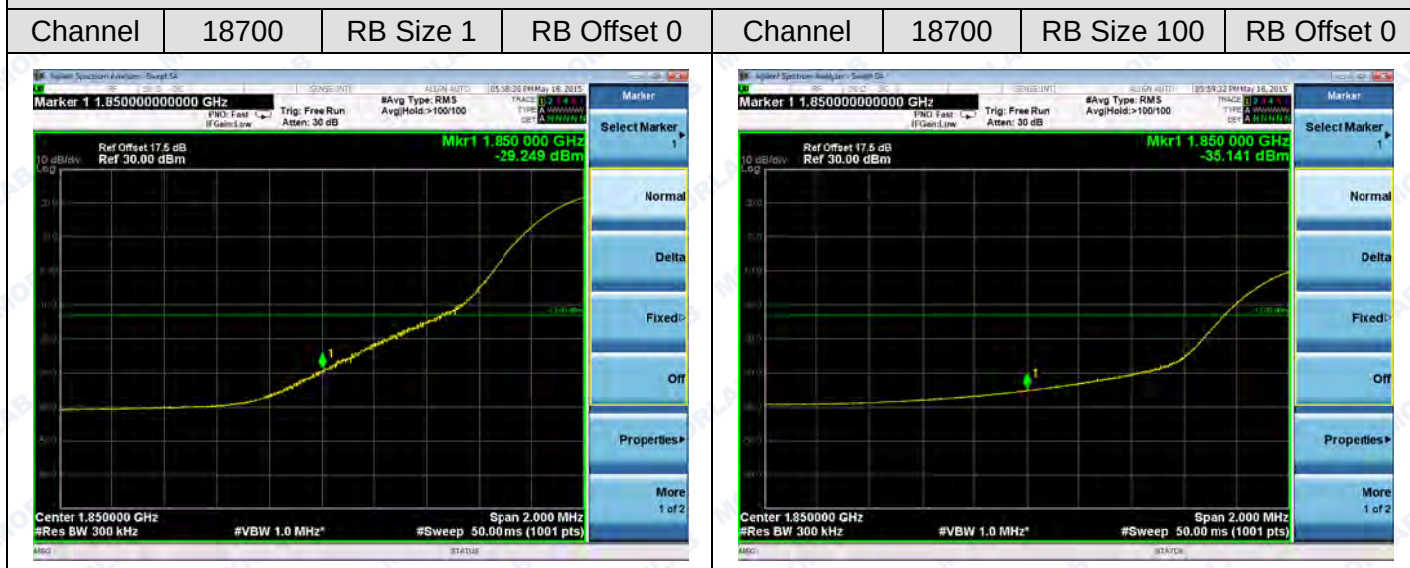




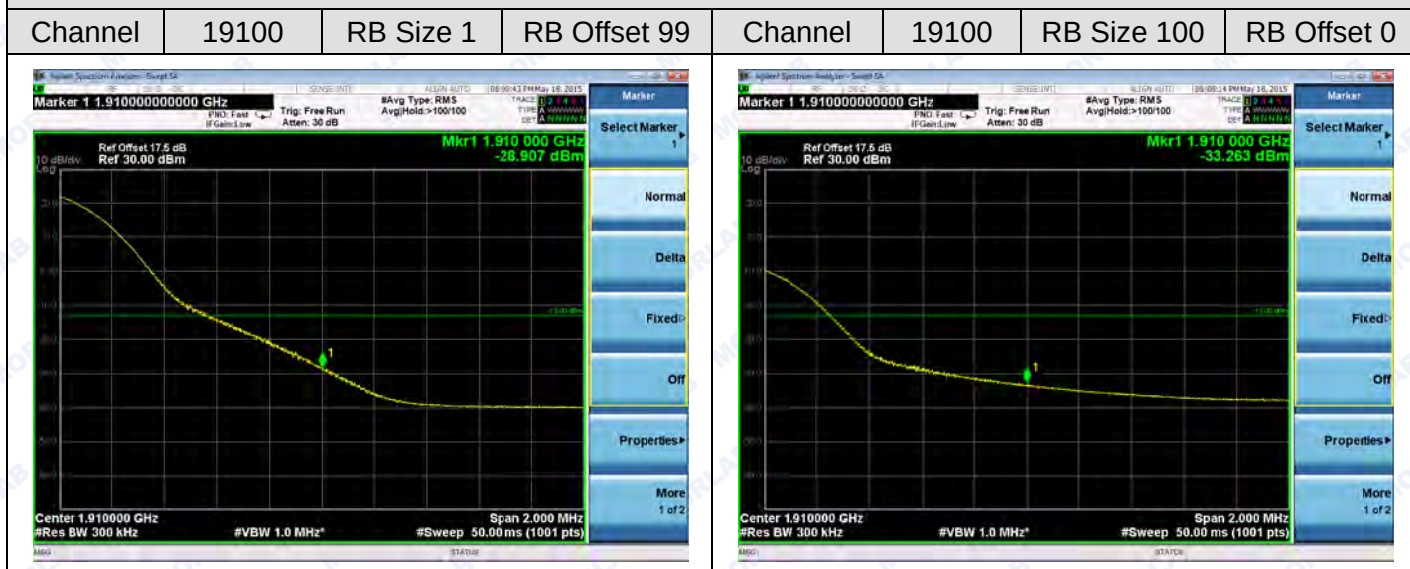
REPORT No.: SZ15040195W02

## LTE Band 2

Channel Bandwidth: 20MHz



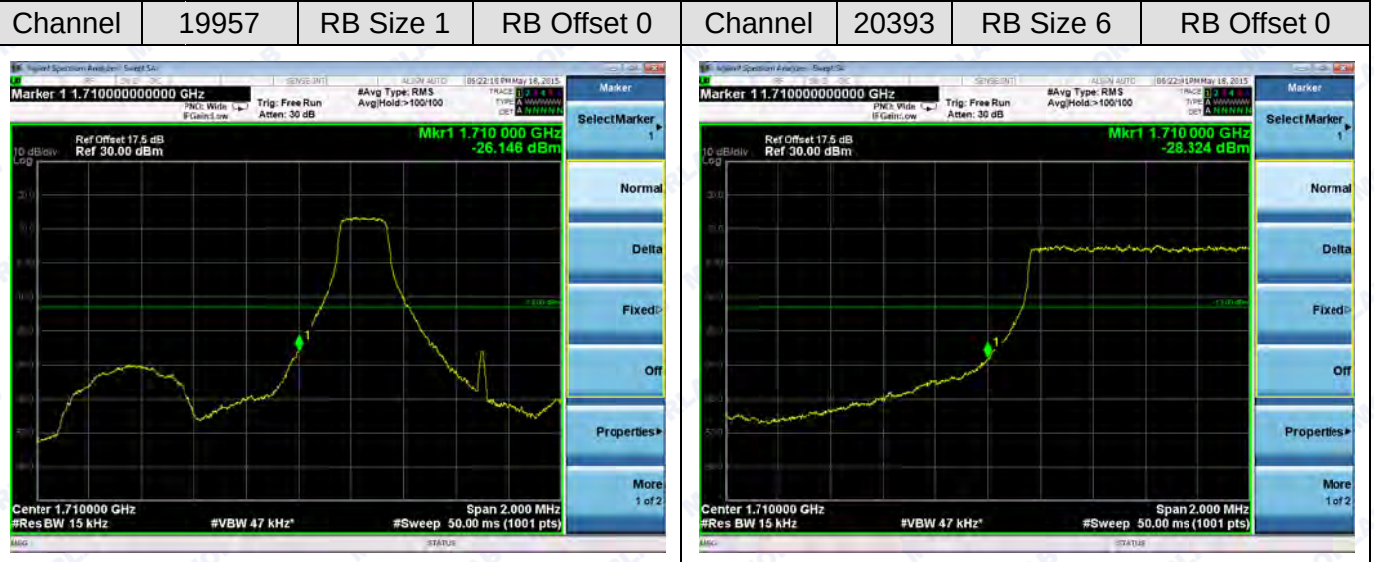
Channel Bandwidth: 20MHz



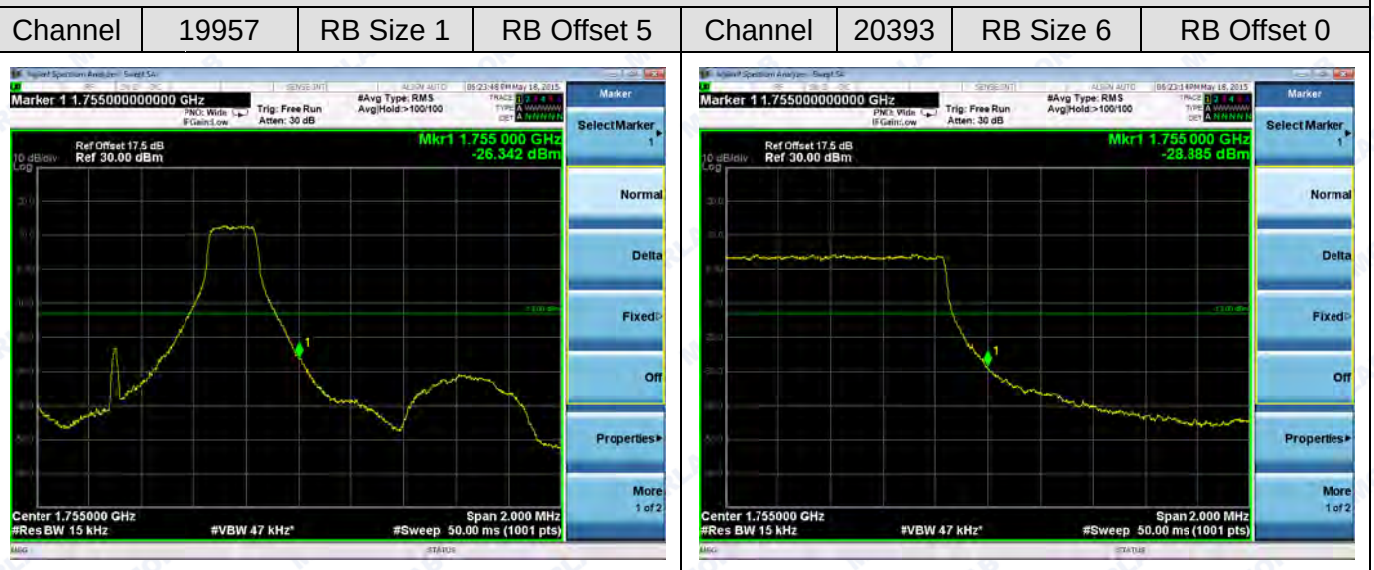


## LTE Band 4

Channel Bandwidth: 1.4MHz



Channel Bandwidth: 1.4MHz

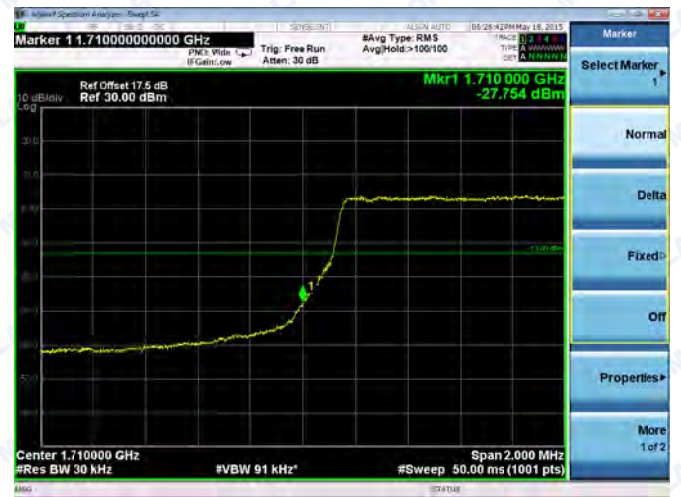




## LTE Band 4

Channel Bandwidth: 3MHz

| Channel | 19965 | RB Size 1 | RB Offset 0 | Channel | 20385 | RB Size 15 | RB Offset 0 |
|---------|-------|-----------|-------------|---------|-------|------------|-------------|
|---------|-------|-----------|-------------|---------|-------|------------|-------------|



Channel Bandwidth: 3MHz

| Channel | 19965 | RB Size 1 | RB Offset 14 | Channel | 20385 | RB Size 15 | RB Offset 0 |
|---------|-------|-----------|--------------|---------|-------|------------|-------------|
|---------|-------|-----------|--------------|---------|-------|------------|-------------|





## LTE Band 4

Channel Bandwidth: 5MHz

| Channel | 19975 | RB Size 1 | RB Offset 0 | Channel | 20375 | RB Size 25 | RB Offset 0 |
|---------|-------|-----------|-------------|---------|-------|------------|-------------|
|---------|-------|-----------|-------------|---------|-------|------------|-------------|



Channel Bandwidth: 5MHz

| Channel | 19975 | RB Size 1 | RB Offset 24 | Channel | 20375 | RB Size 25 | RB Offset 0 |
|---------|-------|-----------|--------------|---------|-------|------------|-------------|
|---------|-------|-----------|--------------|---------|-------|------------|-------------|





REPORT No.: SZ15040195W02

## LTE Band 4

Channel Bandwidth: 10MHz

| Channel | 20000 | RB Size 1 | RB Offset 0 | Channel | 20350 | RB Size 50 | RB Offset 0 |
|---------|-------|-----------|-------------|---------|-------|------------|-------------|
|---------|-------|-----------|-------------|---------|-------|------------|-------------|



Channel Bandwidth: 10MHz

| Channel | 20000 | RB Size 1 | RB Offset 49 | Channel | 20350 | RB Size 50 | RB Offset 0 |
|---------|-------|-----------|--------------|---------|-------|------------|-------------|
|---------|-------|-----------|--------------|---------|-------|------------|-------------|





## LTE Band 4

Channel Bandwidth: 15MHz

| Channel | 20025 | RB Size 1 | RB Offset 0 | Channel | 20325 | RB Size 75 | RB Offset 0 |
|---------|-------|-----------|-------------|---------|-------|------------|-------------|
|---------|-------|-----------|-------------|---------|-------|------------|-------------|



Channel Bandwidth: 15MHz

| Channel | 20025 | RB Size 1 | RB Offset 74 | Channel | 20325 | RB Size 75 | RB Offset 0 |
|---------|-------|-----------|--------------|---------|-------|------------|-------------|
|---------|-------|-----------|--------------|---------|-------|------------|-------------|





### LTE Band 4

Channel Bandwidth: 20MHz

| Channel | 20050 | RB Size 1 | RB Offset 0 | Channel | 20300 | RB Size 100 | RB Offset 0 |
|---------|-------|-----------|-------------|---------|-------|-------------|-------------|
|---------|-------|-----------|-------------|---------|-------|-------------|-------------|



Channel Bandwidth: 20MHz

| Channel | 20050 | RB Size 1 | RB Offset 99 | Channel | 20300 | RB Size 100 | RB Offset 0 |
|---------|-------|-----------|--------------|---------|-------|-------------|-------------|
|---------|-------|-----------|--------------|---------|-------|-------------|-------------|





REPORT No.: SZ15040195W02

## LTE Band 5

Channel Bandwidth: 1.4MHz

| Channel | 20407 | RB Size 1 | RB Offset 0 | Channel | 20407 | RB Size 6 | RB Offset 0 |
|---------|-------|-----------|-------------|---------|-------|-----------|-------------|
|---------|-------|-----------|-------------|---------|-------|-----------|-------------|



Channel Bandwidth: 1.4MHz

| Channel | 20642 | RB Size 1 | RB Offset 5 | Channel | 20642 | RB Size 6 | RB Offset 0 |
|---------|-------|-----------|-------------|---------|-------|-----------|-------------|
|---------|-------|-----------|-------------|---------|-------|-----------|-------------|



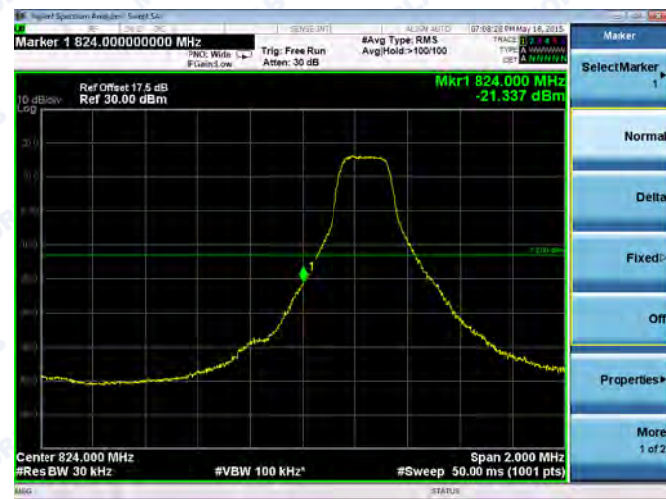


REPORT No.: SZ15040195W02

### LTE Band 5

Channel Bandwidth: 3MHz

| Channel | 20415 | RB Size 1 | RB Offset 0 | Channel | 20415 | RB Size 15 | RB Offset 0 |
|---------|-------|-----------|-------------|---------|-------|------------|-------------|
|---------|-------|-----------|-------------|---------|-------|------------|-------------|



Channel Bandwidth: 3MHz

| Channel | 20634 | RB Size 1 | RB Offset 14 | Channel | 20634 | RB Size 15 | RB Offset 0 |
|---------|-------|-----------|--------------|---------|-------|------------|-------------|
|---------|-------|-----------|--------------|---------|-------|------------|-------------|





## LTE Band 5

Channel Bandwidth: 5MHz

| Channel | 20425 | RB Size 1 | RB Offset 0 | Channel | 20425 | RB Size 25 | RB Offset 0 |
|---------|-------|-----------|-------------|---------|-------|------------|-------------|
|---------|-------|-----------|-------------|---------|-------|------------|-------------|



Channel Bandwidth: 5MHz

| Channel | 20625 | RB Size 1 | RB Offset 24 | Channel | 20625 | RB Size 25 | RB Offset 0 |
|---------|-------|-----------|--------------|---------|-------|------------|-------------|
|---------|-------|-----------|--------------|---------|-------|------------|-------------|





### LTE Band 5

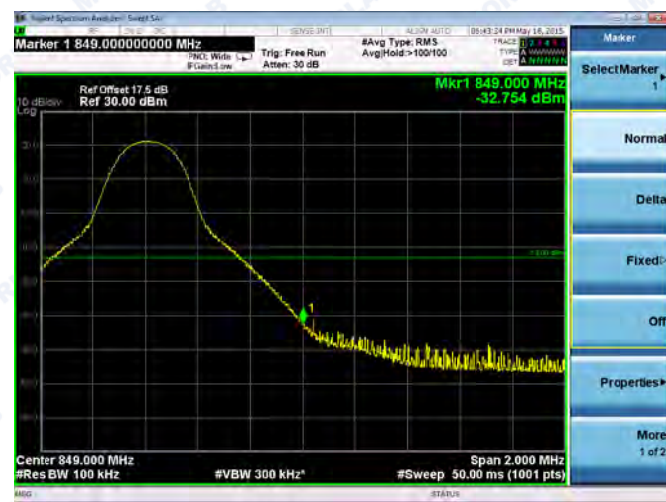
Channel Bandwidth: 10MHz

| Channel | 20450 | RB Size 1 | RB Offset 0 | Channel | 20450 | RB Size 50 | RB Offset 0 |
|---------|-------|-----------|-------------|---------|-------|------------|-------------|
|---------|-------|-----------|-------------|---------|-------|------------|-------------|



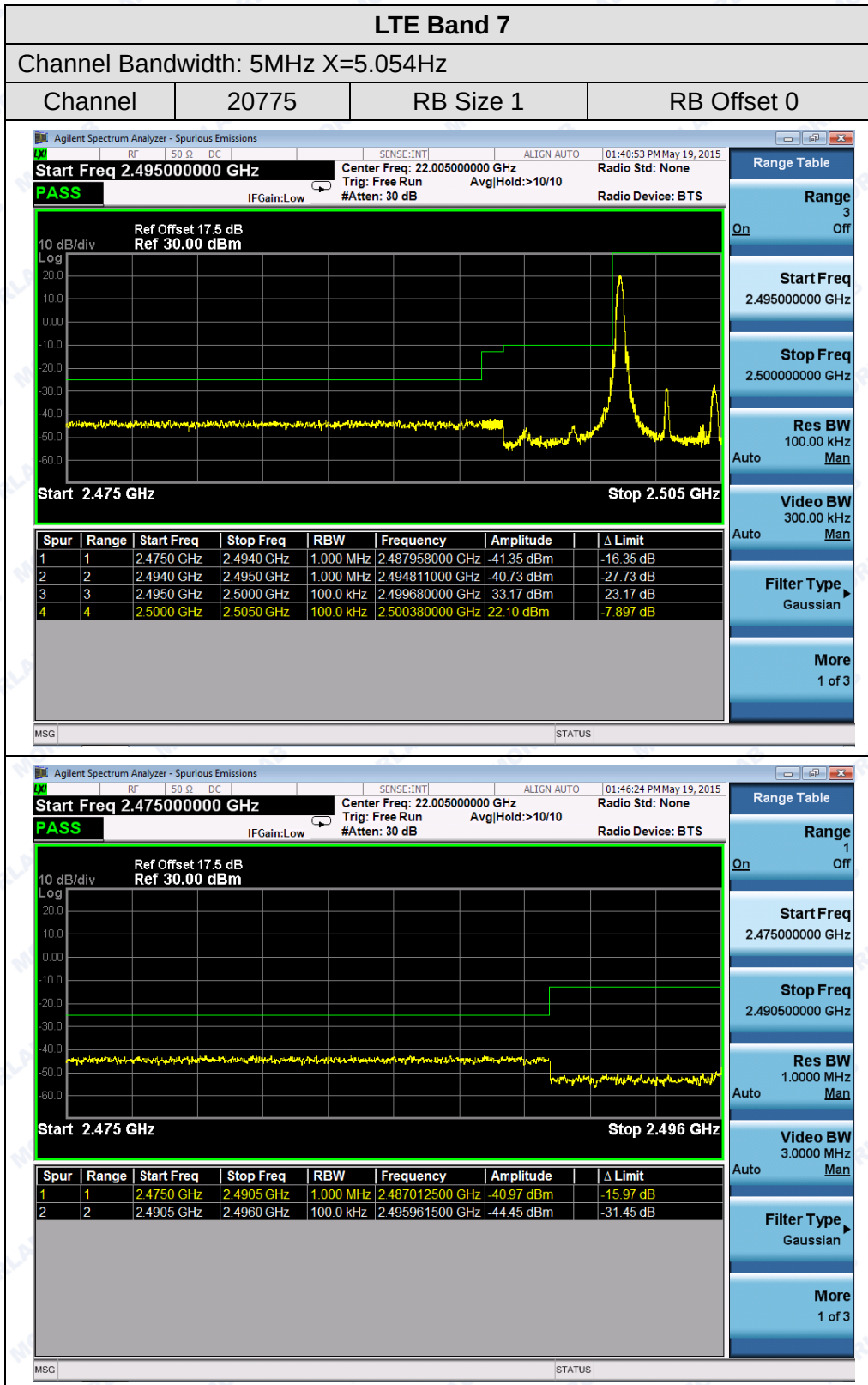
Channel Bandwidth: 10MHz

| Channel | 20600 | RB Size 1 | RB Offset 49 | Channel | 20600 | RB Size 50 | RB Offset 0 |
|---------|-------|-----------|--------------|---------|-------|------------|-------------|
|---------|-------|-----------|--------------|---------|-------|------------|-------------|



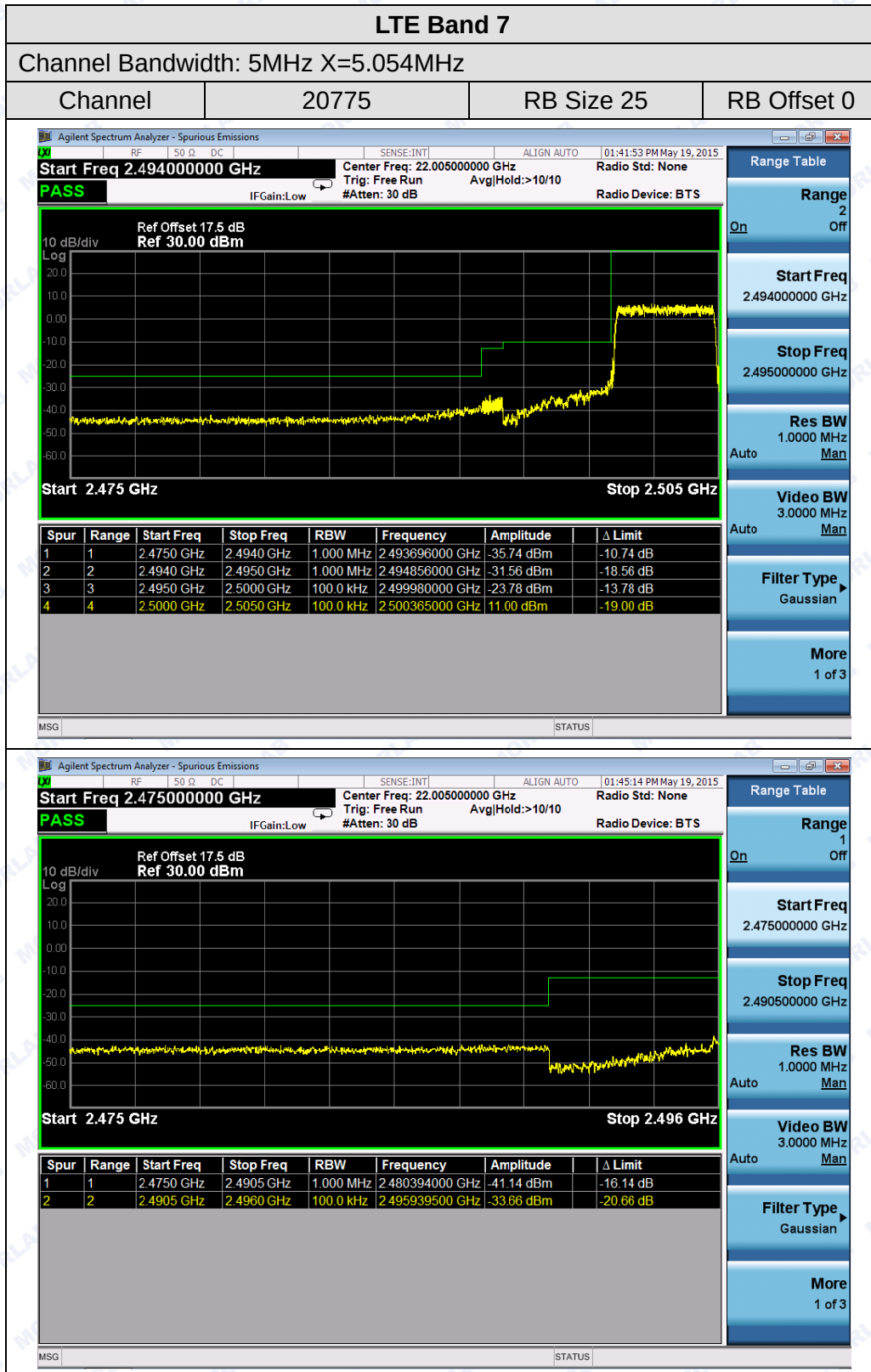


REPORT No.: SZ15040195W02



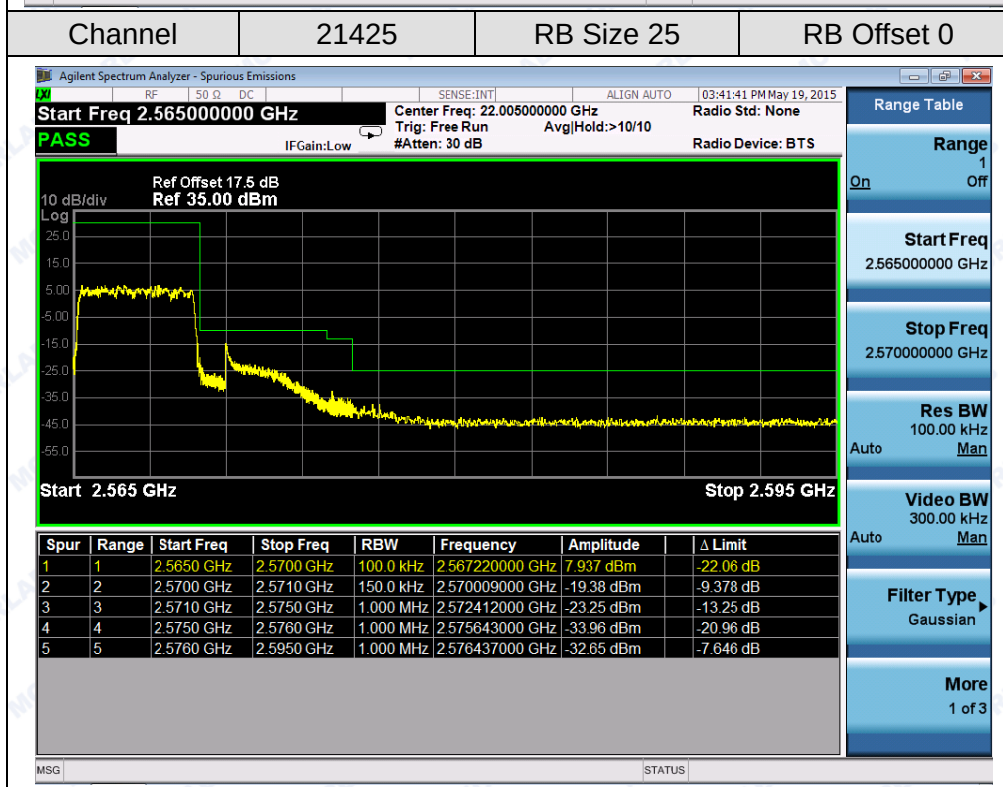
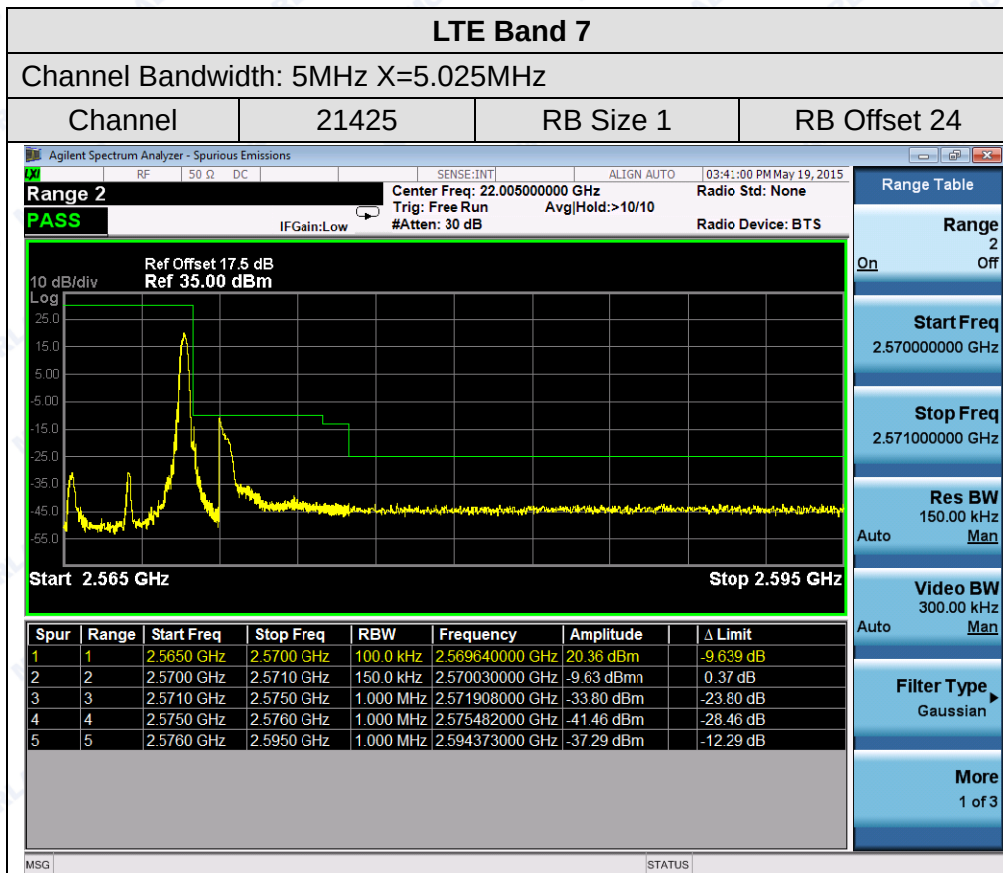


REPORT No.: SZ15040195W02



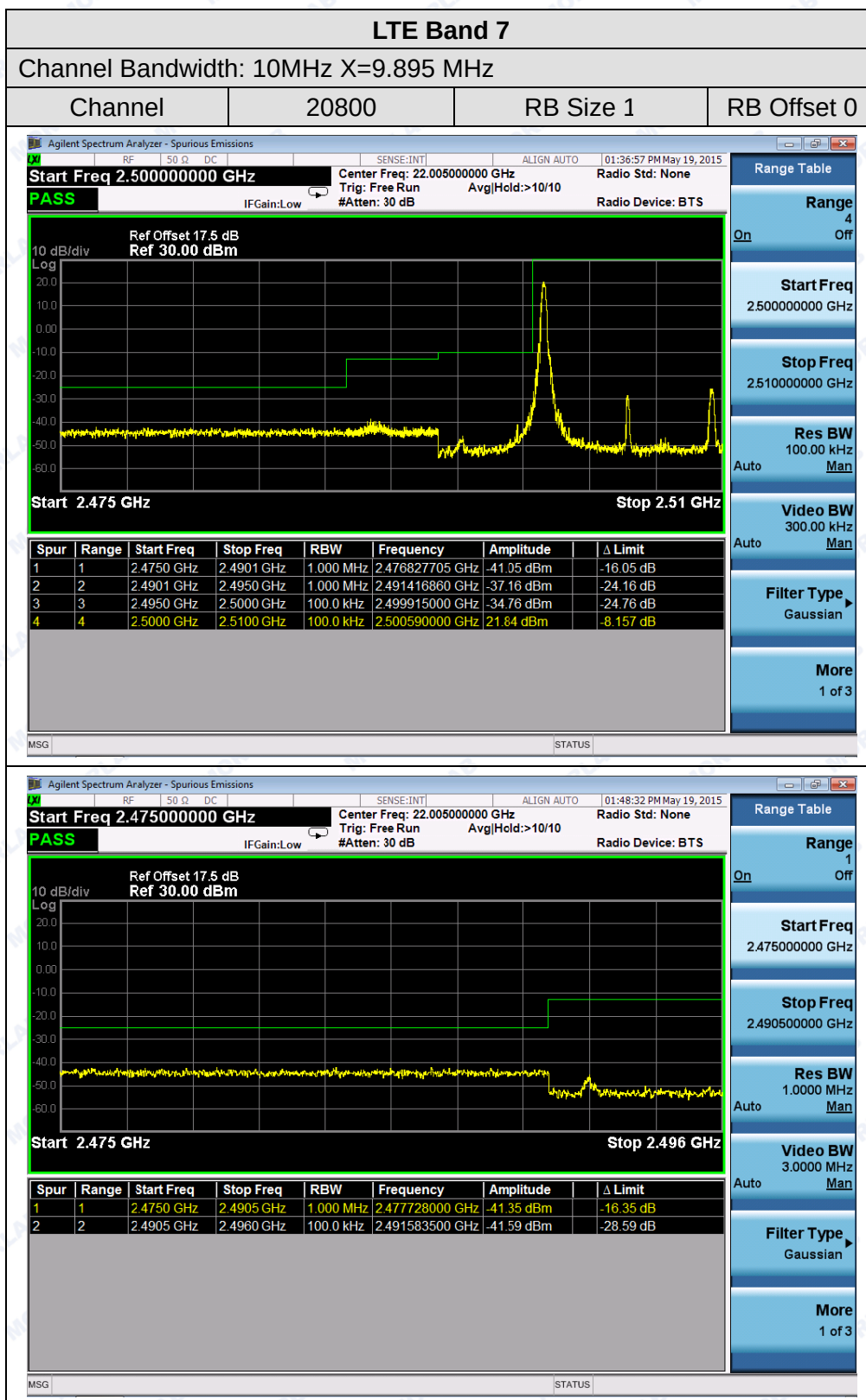


REPORT No.: SZ15040195W02





REPORT No.: SZ15040195W02





REPORT No.: SZ15040195W02





REPORT No.: SZ15040195W02

## LTE Band 7

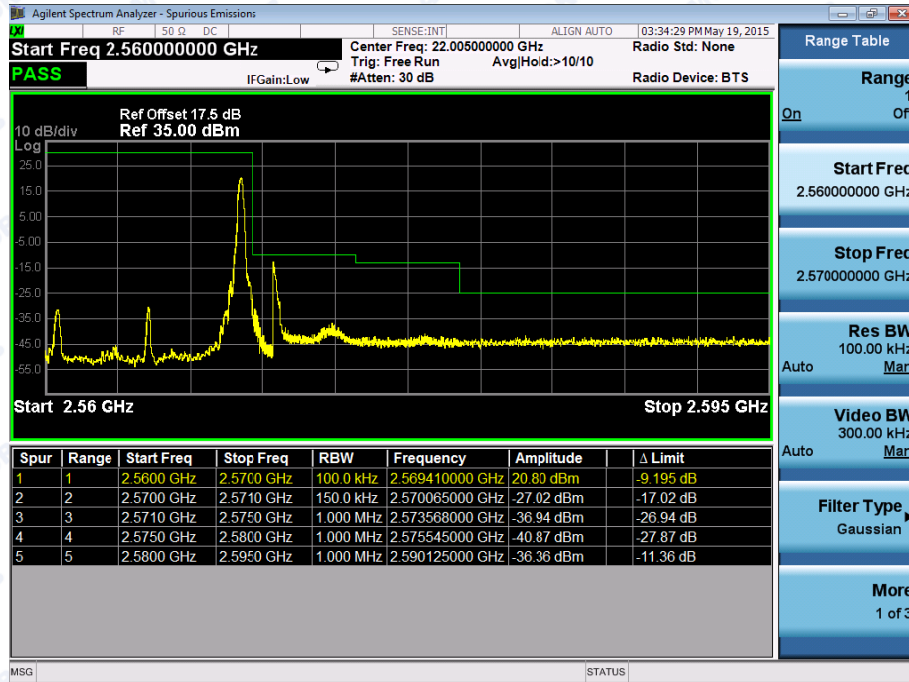
Channel Bandwidth: 10MHz X=10.01 MHz

Channel

21400

RB Size 1

RB Offset 49

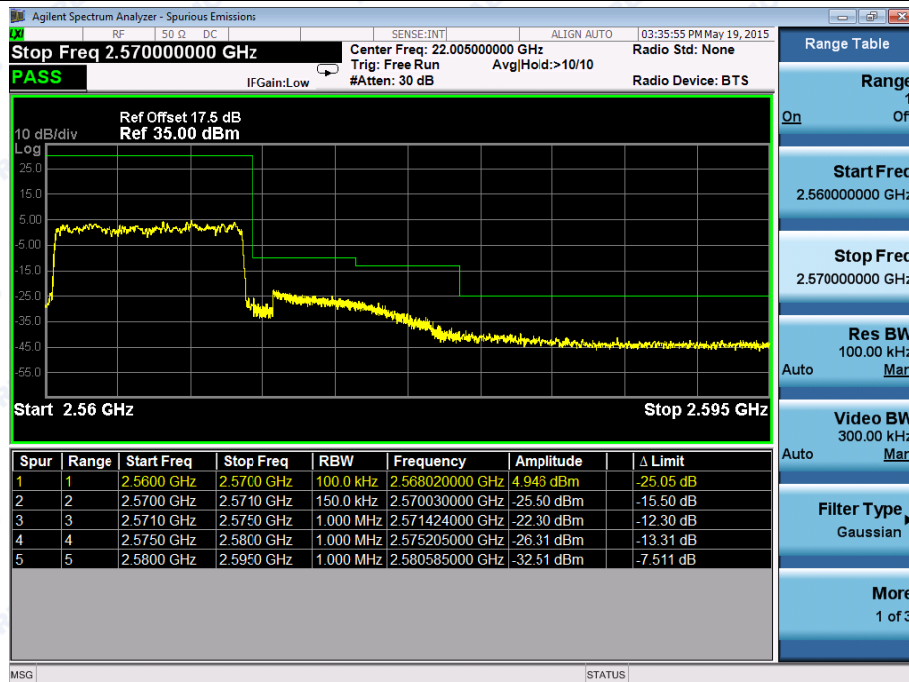


Channel

21400

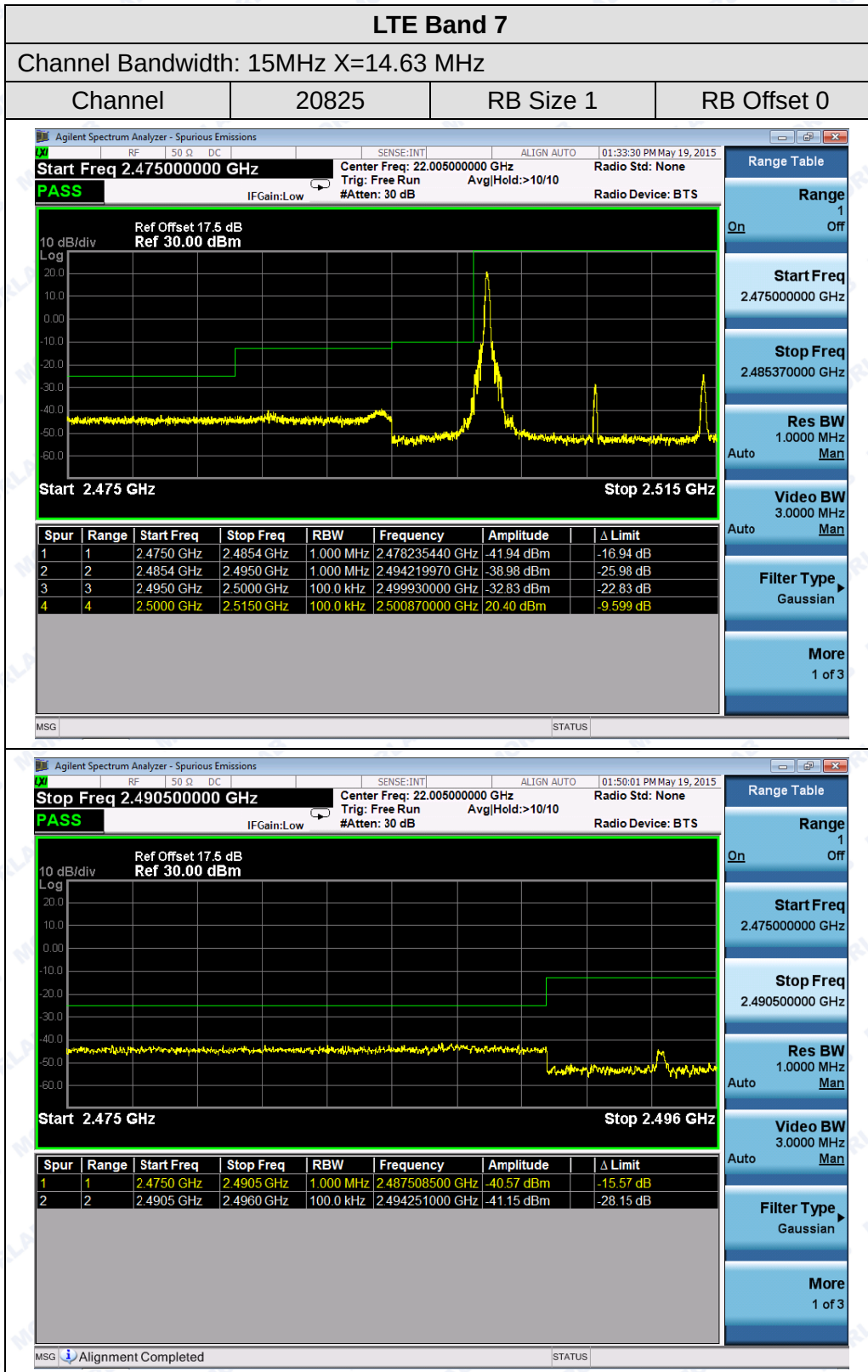
RB Size 50

RB Offset 0



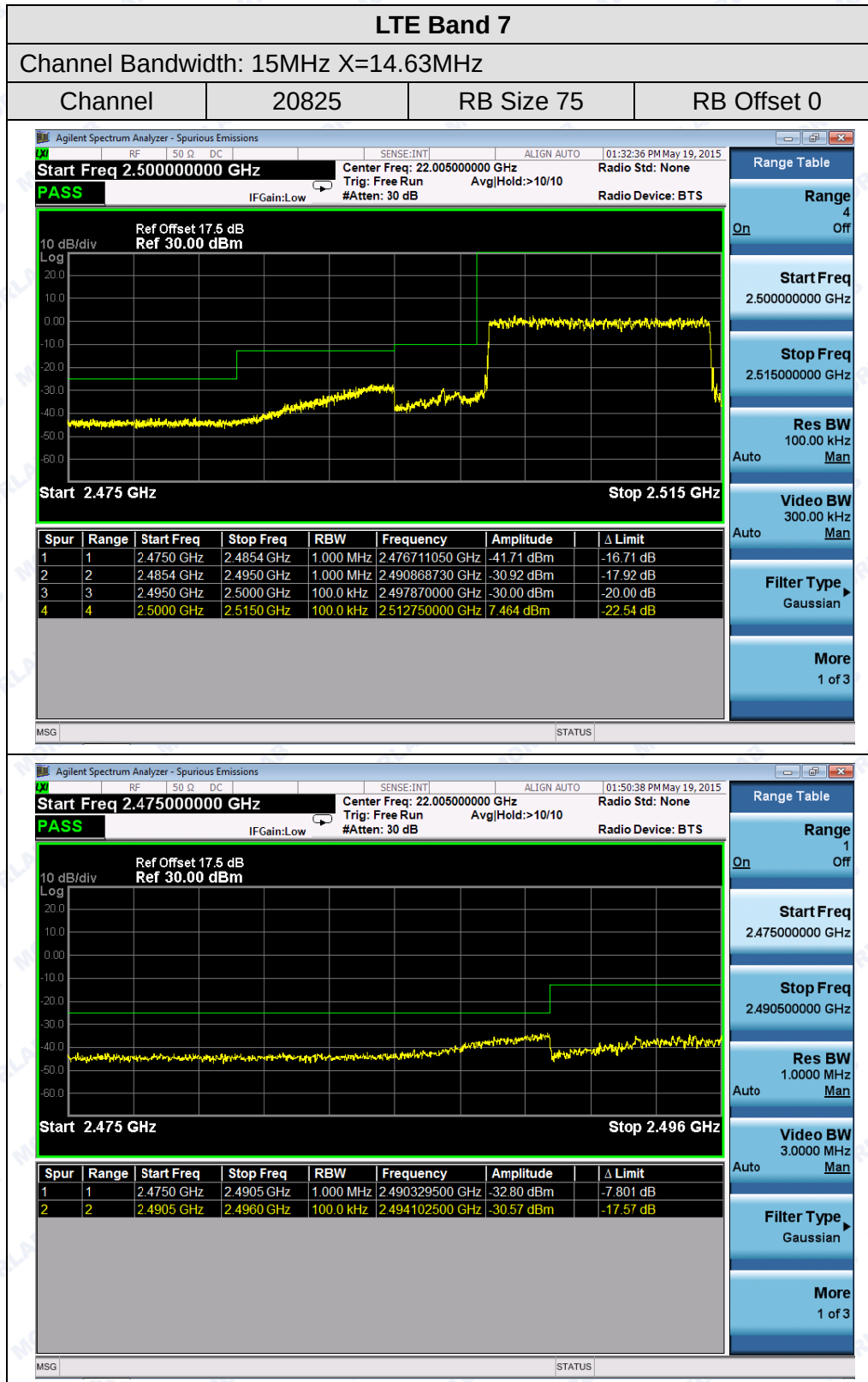


REPORT No.: SZ15040195W02





REPORT No.: SZ15040195W02





REPORT No.: SZ15040195W02

## LTE Band 7

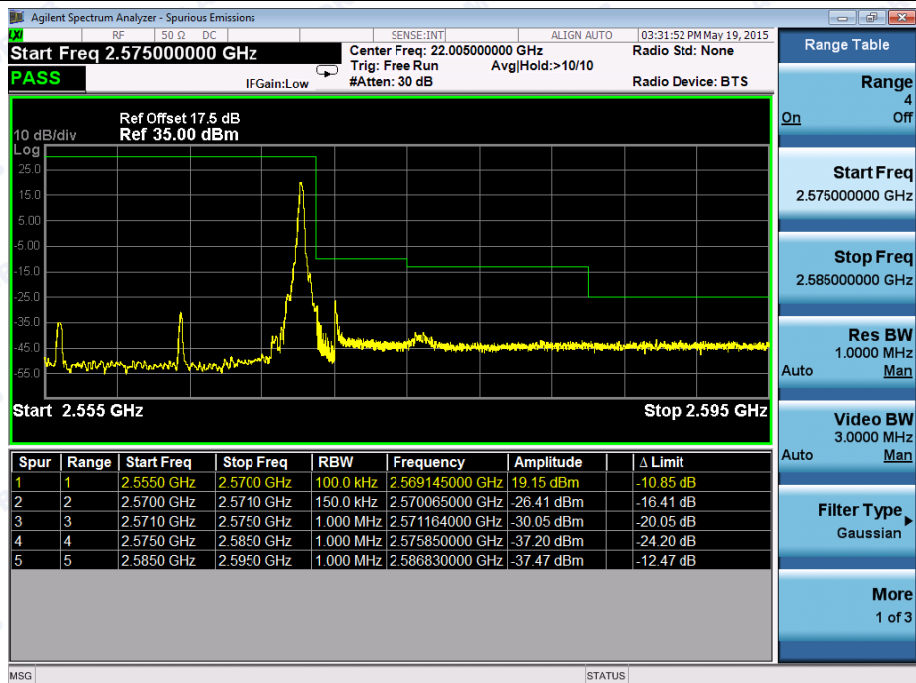
Channel Bandwidth: 15MHz X=14.81MHz

Channel

21375

RB Size 1

RB Offset 74



Channel

21375

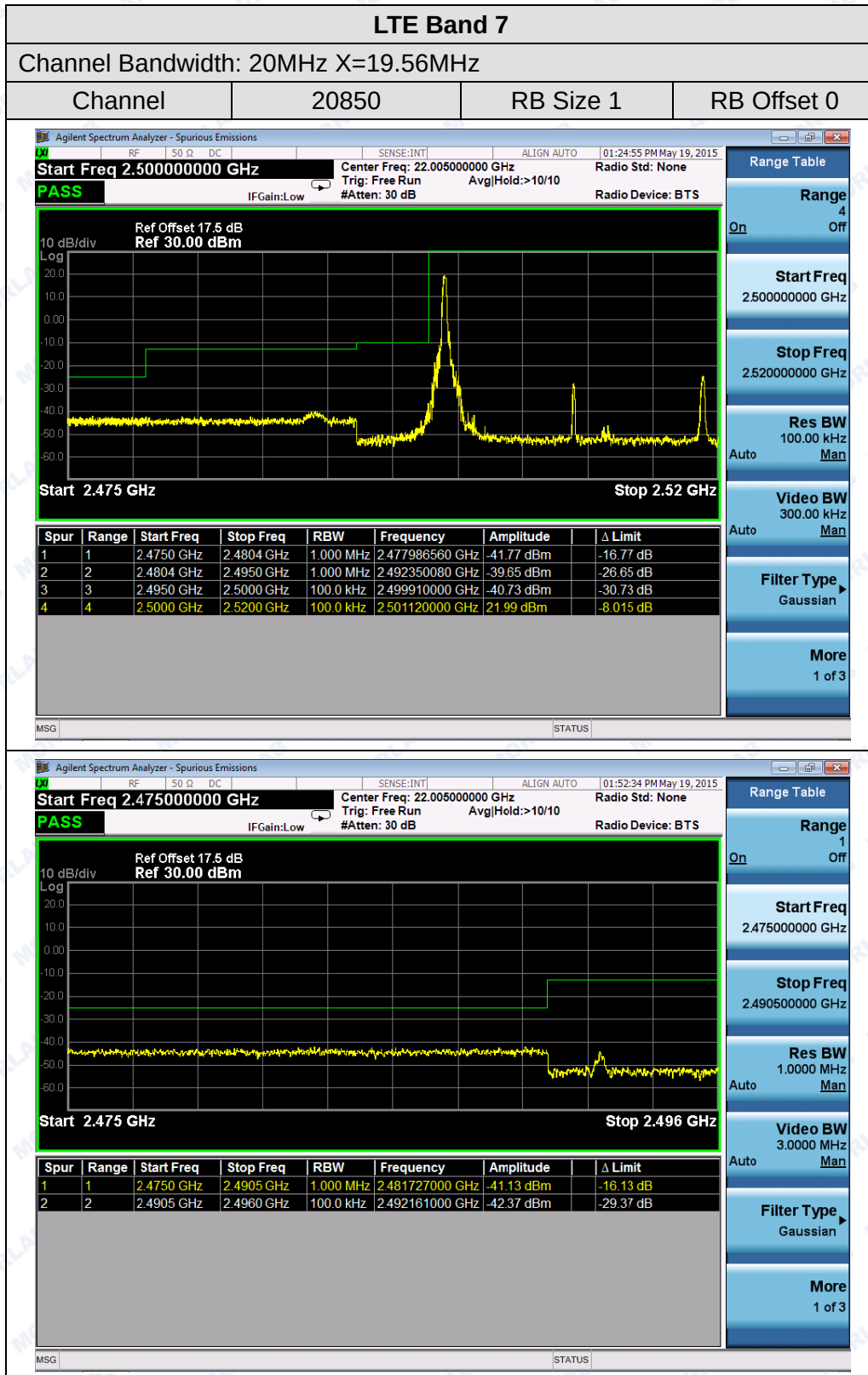
RB Size 75

RB Offset 0



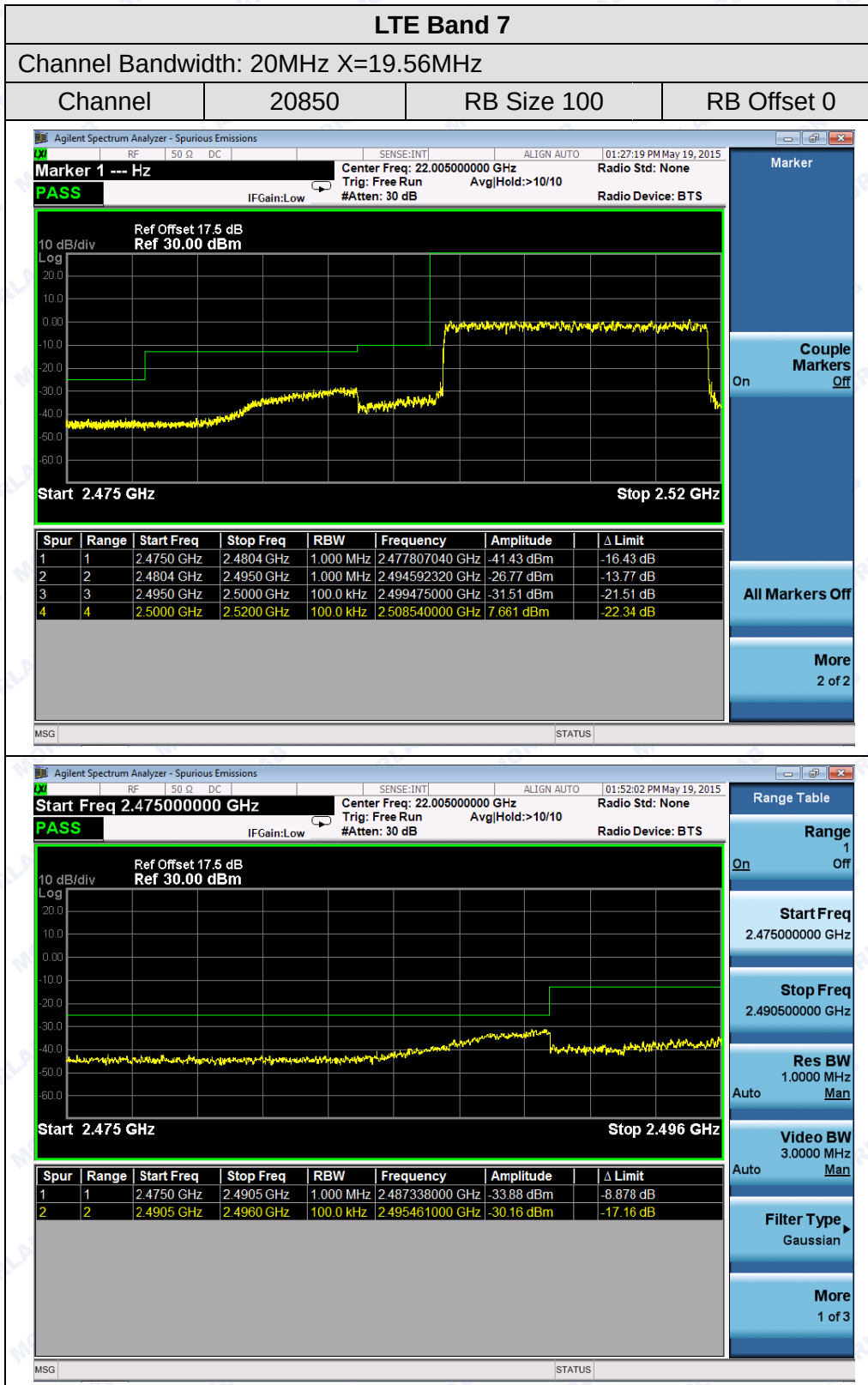


REPORT No.: SZ15040195W02





REPORT No.: SZ15040195W02



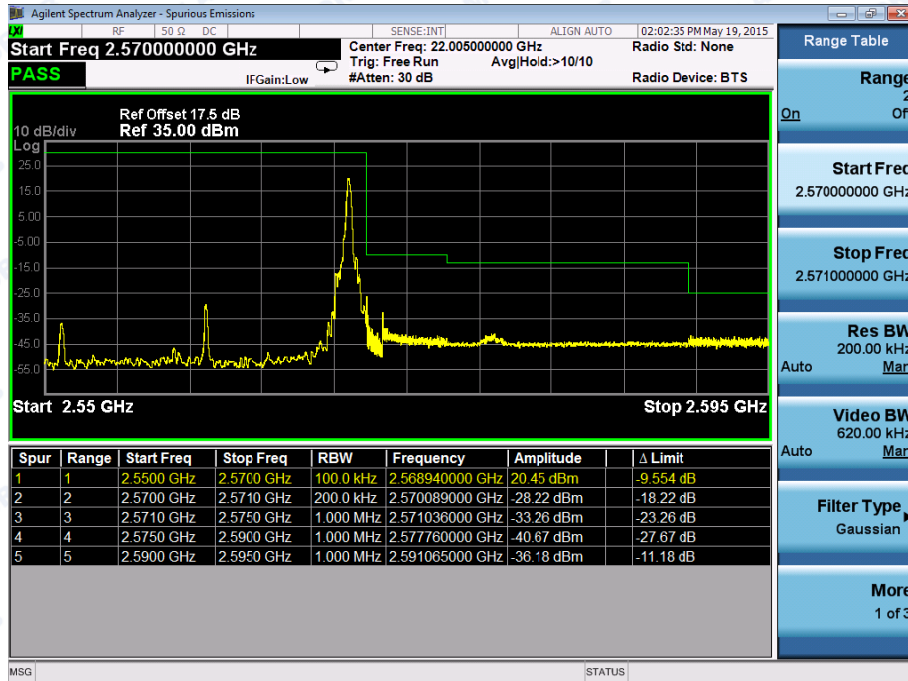


REPORT No.: SZ15040195W02

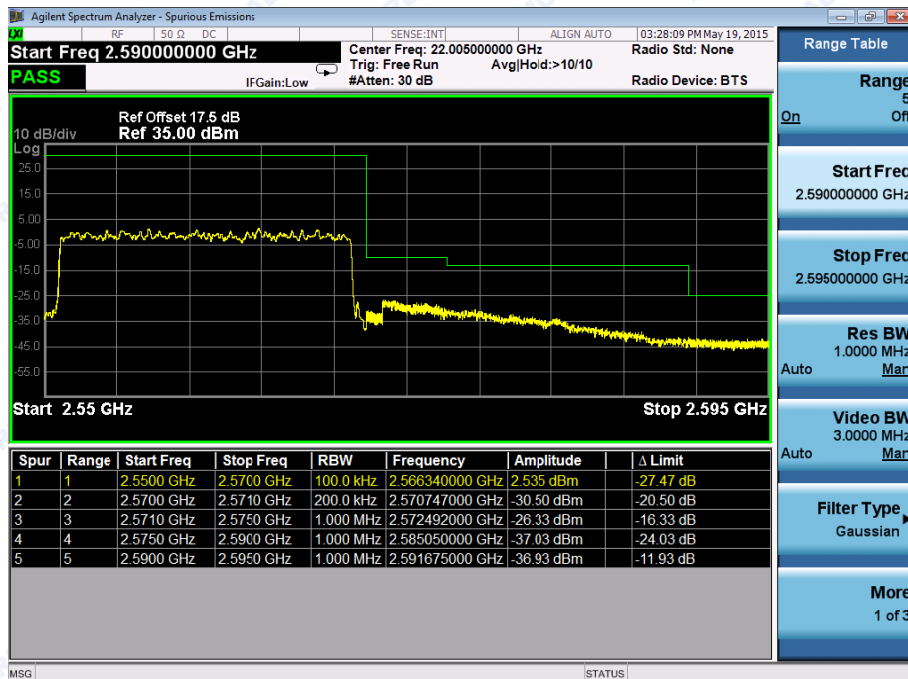
## LTE Band 7

Channel Bandwidth: 20MHz X=19.71MHz

| Channel | 21350 | RB Size 1 | RB Offset 99 |
|---------|-------|-----------|--------------|
|---------|-------|-----------|--------------|



| Channel | 21350 | RB Size 100 | RB Offset 0 |
|---------|-------|-------------|-------------|
|---------|-------|-------------|-------------|



## 2.7 Transmitter Radiated Power (EIRP/ERP)

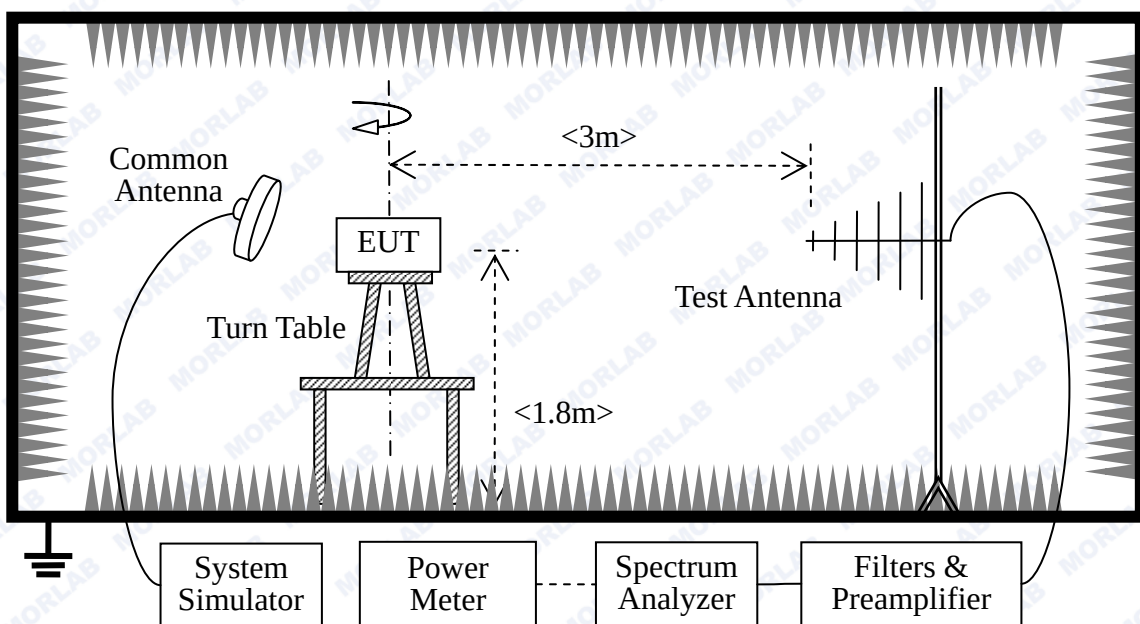
### 2.7.1 Requirement

According to FCC section 27.50 (d), fixed, mobile and portable (hand-held) stations in the 1710-1755MHz band are limited to 1wat EIRP.

Portable stations (hand-held devices) operating in the 704-716MHz band are limited to 3watts ERP.

### 2.7.2 Test Description

Test Setup:



The EUT, which is powered by the PC, is located in a 3m Full-Anechoic Chamber; the cable loss, air loss and so on of the site as factors are pre-calibrated using the "Substitution" method, and calculated to correct the reading.

A call is established between the EUT and the SS via a Common Antenna. The EUT is commanded by the SS to operate at the maximum and minimum output power, and only the test result of the maximum output power was recorded.

The Test Antenna is a Bi-Log one (used for 30MHz to 1GHz) or a Horn one (used for above 3GHz), and it's located at the same height as the EUT. The Filters consists of Notch Filters and High Pass Filter.



## Equipments List:

| Description           | Manufacturer   | Model      | Serial No.                 | Cal. Date  | Cal. Due   |
|-----------------------|----------------|------------|----------------------------|------------|------------|
| System Simulator      | Rohde& Schwarz | CMW500     | 1201.0002k50/<br>124534/wk | 2015.02.26 | 2016.02.25 |
| Spectrum Analyzer     | Rohde& Schwarz | FSL        | 10246                      | 2015.02.26 | 2016.02.25 |
| Spectrum Analyzer     | Agilent        | E4445A     | MY44200685                 | 2015.02.26 | 2016.02.25 |
| Full-Anechoic Chamber | Albatross      | 9m*6m*6m   | (n.a.)                     | 2015.02.26 | 2016.02.25 |
| Test Antenna - Bi-Log | Schwarzbeck    | VULB 9163  | 9163-274                   | 2015.02.26 | 2016.02.25 |
| Test Antenna - Horn   | Schwarzbeck    | BBHA 9120C | 9120C-384                  | 2015.02.26 | 2016.02.25 |

**2.7.3 Test Result**

The EUT was verified under all configurations (RB size and offset) and the worst case radiated power reported for each modulation/channel bandwidth.

The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. The lowest, middle and highest channels are tested.

The substitution corrections are obtained as described below:

$$A_{\text{SUBST}} = P_{\text{SUBST\_TX}} - P_{\text{SUBST\_RX}} - L_{\text{SUBST\_CABLES}} + G_{\text{SUBST\_TX\_ANT}}$$

$$A_{\text{TOT}} = L_{\text{CABLES}} + A_{\text{SUBST}}$$

Where  $A_{\text{SUBST}}$  is the final substitution correction including receive antenna gain.

$P_{\text{SUBST\_TX}}$  is signal generator level,

$P_{\text{SUBST\_RX}}$  is receiver level,

$L_{\text{SUBST\_CABLES}}$  is cable losses including TX cable,

$G_{\text{SUBST\_TX\_ANT}}$  is substitution antenna gain.

$A_{\text{TOT}}$  is total correction factor including cable loss and substitution correction

During the test, the data of  $A_{\text{TOT}}$  was added in the Test Spectrum Analyze, so Spectrum Analyze reading is the final values which contain the data of  $A_{\text{TOT}}$ .



REPORT No.: SZ15040195W02

| Band          | Band Width | Channel    | Freq.(MHz) | Modulation | RB Configuration |           | EIRP<br>(dBm) |
|---------------|------------|------------|------------|------------|------------------|-----------|---------------|
|               |            |            |            |            | RB Size          | RB Offset |               |
| LTE<br>Band 2 | 20MHz      | L<br>18700 | 1860       | QPSK       | 1                | 0         | 21.17         |
|               |            |            |            |            | 1                | 49        | 21.33         |
|               |            |            |            |            | 1                | 99        | 20.74         |
|               |            |            |            |            | 50               | 0         | 20.85         |
|               |            |            |            |            | 50               | 25        | 20.62         |
|               |            |            |            |            | 50               | 49        | 20.71         |
|               |            |            |            |            | 100              | 0         | 20.54         |
|               |            |            |            | 16-QAM     | 1                | 0         | 20.37         |
|               |            |            |            |            | 1                | 49        | 20.17         |
|               |            |            |            |            | 1                | 99        | 20.08         |
|               |            |            |            |            | 50               | 0         | 20.31         |
|               |            |            |            |            | 50               | 25        | 19.96         |
|               |            |            |            |            | 50               | 49        | 19.87         |
|               |            |            |            |            | 100              | 0         | 19.88         |
|               |            | M<br>18900 | 1880       | QPSK       | 1                | 0         | 21.62         |
|               |            |            |            |            | 1                | 49        | 21.71         |
|               |            |            |            |            | 1                | 99        | 21.32         |
|               |            |            |            |            | 50               | 0         | 20.83         |
|               |            |            |            |            | 50               | 25        | 20.29         |
|               |            |            |            |            | 50               | 49        | 20.37         |
|               |            |            |            |            | 100              | 0         | 20.41         |
|               |            |            |            | 16-QAM     | 1                | 0         | 20.53         |
|               |            |            |            |            | 1                | 49        | 20.41         |
|               |            |            |            |            | 1                | 99        | 20.69         |
|               |            |            |            |            | 50               | 0         | 20.32         |
|               |            |            |            |            | 50               | 25        | 20.41         |
|               |            |            |            |            | 50               | 49        | 19.98         |
|               |            |            |            |            | 100              | 0         | 19.68         |
|               |            | H<br>19100 | 1900       | QPSK       | 1                | 0         | 21.34         |
|               |            |            |            |            | 1                | 49        | 21.59         |
|               |            |            |            |            | 1                | 99        | 21.33         |
|               |            |            |            |            | 50               | 0         | 20.87         |
|               |            |            |            |            | 50               | 25        | 20.92         |
|               |            |            |            |            | 50               | 49        | 20.34         |
|               |            |            |            |            | 100              | 0         | 20.18         |
|               |            |            |            | 16-QAM     | 1                | 0         | 20.44         |
|               |            |            |            |            | 1                | 49        | 20.36         |
|               |            |            |            |            | 1                | 99        | 20.41         |
|               |            |            |            |            | 50               | 0         | 19.89         |
|               |            |            |            |            | 50               | 25        | 20.08         |
|               |            |            |            |            | 50               | 49        | 20.17         |
|               |            |            |            |            | 100              | 0         | 20.01         |



REPORT No.: SZ15040195W02

| Band          | Band Width | Channel    | Freq.(MHz) | Modulation | RB Configuration |           | EIRP<br>(dBm) |
|---------------|------------|------------|------------|------------|------------------|-----------|---------------|
|               |            |            |            |            | RB Size          | RB Offset |               |
| LTE<br>Band 2 | 15MHz      | L<br>18675 | 1857.5     | QPSK       | 1                | 0         | 21.46         |
|               |            |            |            |            | 1                | 37        | 20.77         |
|               |            |            |            |            | 1                | 74        | 21.13         |
|               |            |            |            |            | 36               | 0         | 20.87         |
|               |            |            |            |            | 36               | 18        | 20.55         |
|               |            |            |            |            | 36               | 35        | 20.82         |
|               |            |            |            |            | 75               | 0         | 20.37         |
|               |            | M<br>18900 | 1880       | 16-QAM     | 1                | 0         | 20.45         |
|               |            |            |            |            | 1                | 37        | 20.31         |
|               |            |            |            |            | 1                | 74        | 20.44         |
|               |            |            |            |            | 36               | 0         | 20.05         |
|               |            |            |            |            | 36               | 18        | 19.83         |
|               |            |            |            |            | 36               | 35        | 19.95         |
|               |            |            |            |            | 75               | 0         | 19.45         |
|               |            |            |            | QPSK       | 1                | 0         | 21.10         |
|               |            |            |            |            | 1                | 37        | 21.02         |
|               |            |            |            |            | 1                | 74        | 21.17         |
|               |            |            |            |            | 36               | 0         | 20.49         |
|               |            |            |            |            | 36               | 18        | 20.52         |
|               |            |            |            |            | 36               | 35        | 20.31         |
|               |            |            |            |            | 75               | 0         | 20.16         |
|               |            | H<br>19125 | 1902.5     | 16-QAM     | 1                | 0         | 20.84         |
|               |            |            |            |            | 1                | 37        | 20.71         |
|               |            |            |            |            | 1                | 74        | 20.43         |
|               |            |            |            |            | 36               | 0         | 19.88         |
|               |            |            |            |            | 36               | 18        | 19.92         |
|               |            |            |            |            | 36               | 35        | 20.11         |
|               |            |            |            |            | 75               | 0         | 19.89         |
|               |            |            |            | QPSK       | 1                | 0         | 21.33         |
|               |            |            |            |            | 1                | 37        | 21.52         |
|               |            |            |            |            | 1                | 74        | 21.44         |
|               |            |            |            |            | 36               | 0         | 20.71         |
|               |            |            |            |            | 36               | 18        | 20.34         |
|               |            |            |            |            | 36               | 35        | 20.41         |
|               |            |            |            |            | 75               | 0         | 20.22         |
|               |            |            |            | 16-QAM     | 1                | 0         | 20.33         |
|               |            |            |            |            | 1                | 37        | 20.35         |
|               |            |            |            |            | 1                | 74        | 20.29         |
|               |            |            |            |            | 36               | 0         | 20.16         |
|               |            |            |            |            | 36               | 18        | 20.28         |
|               |            |            |            |            | 36               | 35        | 20.06         |
|               |            |            |            |            | 75               | 0         | 19.74         |



REPORT No.: SZ15040195W02

| Band          | Band Width | Channel    | Freq.(MHz) | Modulation | RB Configuration |           | EIRP<br>(dBm) |
|---------------|------------|------------|------------|------------|------------------|-----------|---------------|
|               |            |            |            |            | RB Size          | RB Offset |               |
| LTE<br>Band 2 | 10MHz      | L<br>18650 | 1855       | QPSK       | 1                | 0         | 20.66         |
|               |            |            |            |            | 1                | 24        | 20.44         |
|               |            |            |            |            | 1                | 49        | 20.86         |
|               |            |            |            |            | 25               | 0         | 20.07         |
|               |            |            |            |            | 25               | 12        | 20.14         |
|               |            |            |            |            | 25               | 24        | 20.03         |
|               |            |            |            |            | 50               | 0         | 20.13         |
|               |            |            |            | 16-QAM     | 1                | 0         | 20.23         |
|               |            |            |            |            | 1                | 24        | 20.46         |
|               |            |            |            |            | 1                | 49        | 20.57         |
|               |            |            |            |            | 25               | 0         | 20.33         |
|               |            |            |            |            | 25               | 12        | 20.17         |
|               |            |            |            |            | 25               | 24        | 20.29         |
|               |            |            |            |            | 50               | 0         | 19.12         |
|               |            | M<br>18900 | 1880       | QPSK       | 1                | 0         | 21.17         |
|               |            |            |            |            | 1                | 24        | 21.25         |
|               |            |            |            |            | 1                | 49        | 21.08         |
|               |            |            |            |            | 25               | 0         | 20.13         |
|               |            |            |            |            | 25               | 12        | 20.33         |
|               |            |            |            |            | 25               | 24        | 20.19         |
|               |            |            |            |            | 50               | 0         | 20.13         |
|               |            |            |            | 16-QAM     | 1                | 0         | 20.14         |
|               |            |            |            |            | 1                | 24        | 20.03         |
|               |            |            |            |            | 1                | 49        | 20.17         |
|               |            |            |            |            | 25               | 0         | 20.41         |
|               |            |            |            |            | 25               | 12        | 19.87         |
|               |            |            |            |            | 25               | 24        | 20.02         |
|               |            |            |            |            | 50               | 0         | 19.24         |
|               |            | H<br>19150 | 1905       | QPSK       | 1                | 0         | 20.09         |
|               |            |            |            |            | 1                | 24        | 21.03         |
|               |            |            |            |            | 1                | 49        | 20.98         |
|               |            |            |            |            | 25               | 0         | 20.17         |
|               |            |            |            |            | 25               | 12        | 20.08         |
|               |            |            |            |            | 25               | 24        | 20.16         |
|               |            |            |            |            | 50               | 0         | 20.21         |
|               |            |            |            | 16-QAM     | 1                | 0         | 20.13         |
|               |            |            |            |            | 1                | 24        | 20.11         |
|               |            |            |            |            | 1                | 49        | 20.09         |
|               |            |            |            |            | 25               | 0         | 19.85         |
|               |            |            |            |            | 25               | 12        | 20.33         |
|               |            |            |            |            | 25               | 24        | 19.48         |
|               |            |            |            |            | 50               | 0         | 19.35         |



REPORT No.: SZ15040195W02

| Band          | Band Width | Channel    | Freq.(MHz) | Modulation | RB Configuration |           | EIRP<br>(dBm) |
|---------------|------------|------------|------------|------------|------------------|-----------|---------------|
|               |            |            |            |            | RB Size          | RB Offset |               |
| LTE<br>Band 2 | 5MHz       | L<br>18625 | 1852.5     | QPSK       | 1                | 0         | 21.34         |
|               |            |            |            |            | 1                | 12        | 21.28         |
|               |            |            |            |            | 1                | 24        | 20.87         |
|               |            |            |            |            | 12               | 0         | 20.56         |
|               |            |            |            |            | 12               | 6         | 20.34         |
|               |            |            |            |            | 12               | 11        | 20.48         |
|               |            |            |            |            | 25               | 0         | 20.42         |
|               |            | M<br>18900 | 1880       | 16-QAM     | 1                | 0         | 20.18         |
|               |            |            |            |            | 1                | 12        | 20.21         |
|               |            |            |            |            | 1                | 24        | 20.23         |
|               |            |            |            |            | 12               | 0         | 19.34         |
|               |            |            |            |            | 12               | 6         | 19.53         |
|               |            |            |            |            | 12               | 11        | 19.66         |
|               |            |            |            |            | 25               | 0         | 19.86         |
|               |            |            |            | QPSK       | 1                | 0         | 21.01         |
|               |            |            |            |            | 1                | 12        | 20.74         |
|               |            |            |            |            | 1                | 24        | 20.83         |
|               |            |            |            |            | 12               | 0         | 20.12         |
|               |            |            |            |            | 12               | 6         | 20.51         |
|               |            |            |            |            | 12               | 11        | 20.33         |
|               |            |            |            |            | 25               | 0         | 20.52         |
|               |            | H<br>19175 | 1907.5     | 16-QAM     | 1                | 0         | 20.17         |
|               |            |            |            |            | 1                | 12        | 20.23         |
|               |            |            |            |            | 1                | 24        | 20.11         |
|               |            |            |            |            | 12               | 0         | 19.58         |
|               |            |            |            |            | 12               | 6         | 19.75         |
|               |            |            |            |            | 12               | 11        | 19.62         |
|               |            |            |            |            | 25               | 0         | 20.09         |
|               |            |            |            | QPSK       | 1                | 0         | 21.48         |
|               |            |            |            |            | 1                | 12        | 21.37         |
|               |            |            |            |            | 1                | 24        | 21.24         |
|               |            |            |            |            | 12               | 0         | 20.56         |
|               |            |            |            |            | 12               | 6         | 20.33         |
|               |            |            |            |            | 12               | 11        | 20.41         |
|               |            |            |            |            | 25               | 0         | 20.71         |
|               |            |            |            | 16-QAM     | 1                | 0         | 20.96         |
|               |            |            |            |            | 1                | 12        | 20.81         |
|               |            |            |            |            | 1                | 24        | 21.02         |
|               |            |            |            |            | 12               | 0         | 19.85         |
|               |            |            |            |            | 12               | 6         | 20.05         |
|               |            |            |            |            | 12               | 11        | 19.96         |
|               |            |            |            |            | 25               | 0         | 19.88         |



REPORT No.: SZ15040195W02

| Band          | Band Width | Channel    | Freq.(MHz) | Modulation | RB Configuration |           | EIRP<br>(dBm) |
|---------------|------------|------------|------------|------------|------------------|-----------|---------------|
|               |            |            |            |            | RB Size          | RB Offset |               |
| LTE<br>Band 2 | 3MHz       | L<br>18615 | 1851.5     | QPSK       | 1                | 0         | 21.02         |
|               |            |            |            |            | 1                | 7         | 20.91         |
|               |            |            |            |            | 1                | 14        | 20.84         |
|               |            |            |            |            | 8                | 0         | 19.52         |
|               |            |            |            |            | 8                | 4         | 19.71         |
|               |            |            |            |            | 8                | 7         | 19.63         |
|               |            |            |            |            | 15               | 0         | 20.72         |
|               |            |            |            | 16-QAM     | 1                | 0         | 21.01         |
|               |            |            |            |            | 1                | 7         | 21.09         |
|               |            |            |            |            | 1                | 14        | 21.07         |
|               |            |            |            |            | 8                | 0         | 19.82         |
|               |            |            |            |            | 8                | 4         | 19.56         |
|               |            |            |            |            | 8                | 7         | 20.01         |
|               |            |            |            |            | 15               | 0         | 19.63         |
|               |            | M<br>18900 | 1880       | QPSK       | 1                | 0         | 21.28         |
|               |            |            |            |            | 1                | 7         | 21.35         |
|               |            |            |            |            | 1                | 14        | 21.12         |
|               |            |            |            |            | 8                | 0         | 20.10         |
|               |            |            |            |            | 8                | 4         | 20.09         |
|               |            |            |            |            | 8                | 7         | 20.03         |
|               |            |            |            |            | 15               | 0         | 20.67         |
|               |            |            |            | 16-QAM     | 1                | 0         | 20.54         |
|               |            |            |            |            | 1                | 7         | 20.48         |
|               |            |            |            |            | 1                | 14        | 20.33         |
|               |            |            |            |            | 8                | 0         | 19.85         |
|               |            |            |            |            | 8                | 4         | 19.72         |
|               |            |            |            |            | 8                | 7         | 19.63         |
|               |            |            |            |            | 15               | 0         | 19.86         |
|               |            | H<br>19185 | 1908.5     | QPSK       | 1                | 0         | 20.87         |
|               |            |            |            |            | 1                | 7         | 20.64         |
|               |            |            |            |            | 1                | 14        | 20.77         |
|               |            |            |            |            | 8                | 0         | 19.52         |
|               |            |            |            |            | 8                | 4         | 19.85         |
|               |            |            |            |            | 8                | 7         | 19.67         |
|               |            |            |            |            | 15               | 0         | 20.11         |
|               |            |            |            | 16-QAM     | 1                | 0         | 20.83         |
|               |            |            |            |            | 1                | 7         | 20.46         |
|               |            |            |            |            | 1                | 14        | 20.37         |
|               |            |            |            |            | 8                | 0         | 20.06         |
|               |            |            |            |            | 8                | 4         | 19.83         |
|               |            |            |            |            | 8                | 7         | 19.92         |
|               |            |            |            |            | 15               | 0         | 19.64         |



REPORT No.: SZ15040195W02

| Band              | Band Width | Channel        | Freq.(MHz) | Modulation | RB Configuration |           | EIRP<br>(dBm) |
|-------------------|------------|----------------|------------|------------|------------------|-----------|---------------|
|                   |            |                |            |            | RB Size          | RB Offset |               |
| LTE<br><br>Band 2 | 1.4MHz     | L<br><br>18607 | 1850.7     | QPSK       | 1                | 0         | 20.48         |
|                   |            |                |            |            | 1                | 2         | 20.52         |
|                   |            |                |            |            | 1                | 5         | 20.71         |
|                   |            |                |            |            | 3                | 0         | 20.88         |
|                   |            |                |            |            | 3                | 1         | 20.71         |
|                   |            |                |            |            | 3                | 2         | 20.80         |
|                   |            |                |            |            | 6                | 0         | 20.15         |
|                   |            |                |            | 16-QAM     | 1                | 0         | 20.11         |
|                   |            |                |            |            | 1                | 2         | 20.32         |
|                   |            |                |            |            | 1                | 5         | 20.24         |
|                   |            |                |            |            | 3                | 0         | 19.52         |
|                   |            |                |            |            | 3                | 1         | 19.71         |
|                   |            |                |            |            | 3                | 2         | 19.66         |
|                   |            | M<br><br>18900 | 1880       | QPSK       | 6                | 0         | 19.83         |
|                   |            |                |            |            | 1                | 0         | 21.03         |
|                   |            |                |            |            | 1                | 2         | 21.07         |
|                   |            |                |            |            | 1                | 5         | 21.11         |
|                   |            |                |            |            | 3                | 0         | 21.14         |
|                   |            |                |            |            | 3                | 1         | 20.85         |
|                   |            |                |            |            | 3                | 2         | 21.21         |
|                   |            |                |            | 16-QAM     | 6                | 0         | 20.84         |
|                   |            |                |            |            | 1                | 0         | 20.01         |
|                   |            |                |            |            | 1                | 2         | 20.27         |
|                   |            |                |            |            | 1                | 5         | 20.40         |
|                   |            |                |            |            | 3                | 0         | 19.78         |
|                   |            |                |            |            | 3                | 2         | 20.11         |
|                   |            | H<br><br>19193 | 1909.3     | QPSK       | 3                | 5         | 19.82         |
|                   |            |                |            |            | 6                | 0         | 19.77         |
|                   |            |                |            |            | 1                | 0         | 21.81         |
|                   |            |                |            |            | 1                | 2         | 21.94         |
|                   |            |                |            |            | 1                | 5         | 21.65         |
|                   |            |                |            |            | 3                | 0         | 21.77         |
|                   |            |                |            |            | 3                | 1         | 21.38         |
|                   |            |                |            | 16-QAM     | 3                | 2         | 21.53         |
|                   |            |                |            |            | 6                | 0         | 20.51         |
|                   |            |                |            |            | 1                | 0         | 20.34         |
| 1                 | 2          |                |            |            | 20.23            |           |               |
| 1                 | 5          |                |            |            | 20.17            |           |               |
| 3                 | 0          |                |            |            | 19.85            |           |               |
| 3                 | 1          | 20.06          |            |            |                  |           |               |
| 3                 | 2          | 19.90          |            |            |                  |           |               |
| 6                 | 0          | 19.93          |            |            |                  |           |               |



REPORT No.: SZ15040195W02

| Band          | Band Width | Channel    | Freq.(MHz) | Modulation | RB Configuration |           | EIRP<br>(dBm) |
|---------------|------------|------------|------------|------------|------------------|-----------|---------------|
|               |            |            |            |            | RB Size          | RB Offset |               |
| LTE<br>Band 4 | 20MHz      | L<br>20050 | 1720.0     | QPSK       | 1                | 0         | 21.65         |
|               |            |            |            |            | 1                | 49        | 21.72         |
|               |            |            |            |            | 1                | 99        | 21.77         |
|               |            |            |            |            | 50               | 0         | 21.62         |
|               |            |            |            |            | 50               | 25        | 21.08         |
|               |            |            |            |            | 50               | 49        | 21.34         |
|               |            |            |            |            | 100              | 0         | 21.48         |
|               |            |            |            | 16-QAM     | 1                | 0         | 20.82         |
|               |            |            |            |            | 1                | 49        | 21.37         |
|               |            |            |            |            | 1                | 99        | 21.02         |
|               |            |            |            |            | 50               | 0         | 20.45         |
|               |            |            |            |            | 50               | 25        | 20.62         |
|               |            |            |            |            | 50               | 49        | 20.38         |
|               |            |            |            |            | 100              | 0         | 20.01         |
|               |            | M<br>20175 | 1732.5     | QPSK       | 1                | 0         | 21.84         |
|               |            |            |            |            | 1                | 49        | 21.79         |
|               |            |            |            |            | 1                | 99        | 21.68         |
|               |            |            |            |            | 50               | 0         | 21.15         |
|               |            |            |            |            | 50               | 25        | 21.08         |
|               |            |            |            |            | 50               | 49        | 21.02         |
|               |            |            |            |            | 100              | 0         | 21.10         |
|               |            |            |            | 16-QAM     | 1                | 0         | 21.64         |
|               |            |            |            |            | 1                | 49        | 21.55         |
|               |            |            |            |            | 1                | 99        | 21.47         |
|               |            |            |            |            | 50               | 0         | 20.52         |
|               |            |            |            |            | 50               | 25        | 20.39         |
|               |            |            |            |            | 50               | 49        | 20.46         |
|               |            |            |            |            | 100              | 0         | 20.34         |
|               |            | H<br>20300 | 1745.0     | QPSK       | 1                | 0         | 21.31         |
|               |            |            |            |            | 1                | 49        | 21.73         |
|               |            |            |            |            | 1                | 99        | 21.62         |
|               |            |            |            |            | 50               | 0         | 21.44         |
|               |            |            |            |            | 50               | 25        | 21.53         |
|               |            |            |            |            | 50               | 49        | 21.67         |
|               |            |            |            |            | 100              | 0         | 21.44         |
|               |            |            |            | 16-QAM     | 1                | 0         | 20.37         |
|               |            |            |            |            | 1                | 49        | 20.64         |
|               |            |            |            |            | 1                | 99        | 20.51         |
|               |            |            |            |            | 50               | 0         | 19.82         |
|               |            |            |            |            | 50               | 25        | 20.06         |
|               |            |            |            |            | 50               | 49        | 19.94         |
|               |            |            |            |            | 100              | 0         | 20.12         |



REPORT No.: SZ15040195W02

| Band          | Band Width | Channel    | Freq.(MHz) | Modulation | RB Configuration |           | EIRP<br>(dBm) |
|---------------|------------|------------|------------|------------|------------------|-----------|---------------|
|               |            |            |            |            | RB Size          | RB Offset |               |
| LTE<br>Band 4 | 15MHz      | L<br>20025 | 1717.5     | QPSK       | 1                | 0         | 21.77         |
|               |            |            |            |            | 1                | 37        | 21.54         |
|               |            |            |            |            | 1                | 74        | 21.83         |
|               |            |            |            |            | 36               | 0         | 21.23         |
|               |            |            |            |            | 36               | 18        | 21.39         |
|               |            |            |            |            | 36               | 35        | 21.30         |
|               |            |            |            |            | 75               | 0         | 21.02         |
|               |            | M<br>20175 | 1732.5     | 16-QAM     | 1                | 0         | 21.25         |
|               |            |            |            |            | 1                | 37        | 20.72         |
|               |            |            |            |            | 1                | 74        | 20.77         |
|               |            |            |            |            | 36               | 0         | 20.04         |
|               |            |            |            |            | 36               | 18        | 19.86         |
|               |            |            |            |            | 36               | 35        | 20.11         |
|               |            |            |            |            | 75               | 0         | 20.15         |
|               |            | H<br>20325 | 1747.5     | QPSK       | 1                | 0         | 21.85         |
|               |            |            |            |            | 1                | 37        | 21.69         |
|               |            |            |            |            | 1                | 74        | 21.81         |
|               |            |            |            |            | 36               | 0         | 21.19         |
|               |            |            |            |            | 36               | 18        | 21.08         |
|               |            |            |            |            | 36               | 35        | 21.24         |
|               |            |            |            |            | 75               | 0         | 21.17         |
|               |            |            |            | 16-QAM     | 1                | 0         | 21.62         |
|               |            |            |            |            | 1                | 37        | 21.41         |
|               |            |            |            |            | 1                | 74        | 21.67         |
|               |            |            |            |            | 36               | 0         | 20.51         |
|               |            |            |            |            | 36               | 18        | 20.33         |
|               |            |            |            |            | 36               | 35        | 20.44         |
|               |            |            |            |            | 75               | 0         | 20.09         |
|               |            |            |            | QPSK       | 1                | 0         | 21.89         |
|               |            |            |            |            | 1                | 37        | 21.72         |
|               |            |            |            |            | 1                | 74        | 21.91         |
|               |            |            |            |            | 36               | 0         | 20.93         |
|               |            |            |            |            | 36               | 18        | 20.47         |
|               |            |            |            |            | 36               | 35        | 20.86         |
|               |            |            |            |            | 75               | 0         | 20.63         |
|               |            |            |            | 16-QAM     | 1                | 0         | 21.02         |
|               |            |            |            |            | 1                | 37        | 20.63         |
|               |            |            |            |            | 1                | 74        | 20.71         |
|               |            |            |            |            | 36               | 0         | 20.14         |
|               |            |            |            |            | 36               | 18        | 19.97         |
|               |            |            |            |            | 36               | 35        | 20.08         |
|               |            |            |            |            | 75               | 0         | 20.03         |



REPORT No.: SZ15040195W02

| Band          | Band Width | Channel    | Freq.(MHz) | Modulation | RB Configuration |           | EIRP<br>(dBm) |
|---------------|------------|------------|------------|------------|------------------|-----------|---------------|
|               |            |            |            |            | RB Size          | RB Offset |               |
| LTE<br>Band 4 | 10MHz      | L<br>20000 | 1715.0     | QPSK       | 1                | 0         | 21.14         |
|               |            |            |            |            | 1                | 24        | 21.83         |
|               |            |            |            |            | 1                | 49        | 21.94         |
|               |            |            |            |            | 25               | 0         | 21.27         |
|               |            |            |            |            | 25               | 12        | 21.53         |
|               |            |            |            |            | 25               | 24        | 21.34         |
|               |            |            |            |            | 50               | 0         | 21.42         |
|               |            | M<br>20175 | 1732.5     | 16-QAM     | 1                | 0         | 21.13         |
|               |            |            |            |            | 1                | 24        | 21.26         |
|               |            |            |            |            | 1                | 49        | 20.98         |
|               |            |            |            |            | 25               | 0         | 20.57         |
|               |            |            |            |            | 25               | 12        | 20.46         |
|               |            |            |            |            | 25               | 24        | 20.62         |
|               |            |            |            |            | 50               | 0         | 20.24         |
|               |            | H<br>20350 | 1750.0     | QPSK       | 1                | 0         | 21.97         |
|               |            |            |            |            | 1                | 24        | 21.53         |
|               |            |            |            |            | 1                | 49        | 21.37         |
|               |            |            |            |            | 25               | 0         | 20.62         |
|               |            |            |            |            | 25               | 12        | 20.33         |
|               |            |            |            |            | 25               | 24        | 20.47         |
|               |            |            |            |            | 50               | 0         | 21.32         |
|               |            |            |            | 16-QAM     | 1                | 0         | 20.59         |
|               |            |            |            |            | 1                | 24        | 21.18         |
|               |            |            |            |            | 1                | 49        | 21.47         |
|               |            |            |            |            | 25               | 0         | 20.37         |
|               |            |            |            |            | 25               | 12        | 20.16         |
|               |            |            |            |            | 25               | 24        | 19.92         |
|               |            |            |            |            | 50               | 0         | 19.83         |
|               |            |            |            | QPSK       | 1                | 0         | 21.75         |
|               |            |            |            |            | 1                | 24        | 21.63         |
|               |            |            |            |            | 1                | 49        | 21.77         |
|               |            |            |            |            | 25               | 0         | 20.84         |
|               |            |            |            |            | 25               | 12        | 20.55         |
|               |            |            |            |            | 25               | 24        | 20.72         |
|               |            |            |            |            | 50               | 0         | 20.79         |
|               |            |            |            | 16-QAM     | 1                | 0         | 21.09         |
|               |            |            |            |            | 1                | 24        | 21.01         |
|               |            |            |            |            | 1                | 49        | 20.58         |
|               |            |            |            |            | 25               | 0         | 20.13         |
|               |            |            |            |            | 25               | 12        | 20.22         |
|               |            |            |            |            | 25               | 24        | 20.04         |
|               |            |            |            |            | 50               | 0         | 19.69         |



REPORT No.: SZ15040195W02

| Band          | Band Width | Channel    | Freq.(MHz) | Modulation | RB Configuration |           | EIRP<br>(dBm) |
|---------------|------------|------------|------------|------------|------------------|-----------|---------------|
|               |            |            |            |            | RB Size          | RB Offset |               |
| LTE<br>Band 4 | 5MHz       | L<br>19975 | 1712.5     | QPSK       | 1                | 0         | 21.92         |
|               |            |            |            |            | 1                | 12        | 21.81         |
|               |            |            |            |            | 1                | 24        | 21.90         |
|               |            |            |            |            | 12               | 0         | 20.88         |
|               |            |            |            |            | 12               | 6         | 20.71         |
|               |            |            |            |            | 12               | 11        | 20.95         |
|               |            |            |            |            | 25               | 0         | 20.28         |
|               |            | M<br>20175 | 1732.5     | 16-QAM     | 1                | 0         | 21.06         |
|               |            |            |            |            | 1                | 12        | 21.17         |
|               |            |            |            |            | 1                | 24        | 20.93         |
|               |            |            |            |            | 12               | 0         | 20.14         |
|               |            |            |            |            | 12               | 6         | 19.99         |
|               |            |            |            |            | 12               | 11        | 20.08         |
|               |            |            |            |            | 25               | 0         | 20.42         |
|               |            | H<br>20375 | 1752.5     | QPSK       | 1                | 0         | 21.88         |
|               |            |            |            |            | 1                | 12        | 21.73         |
|               |            |            |            |            | 1                | 24        | 21.92         |
|               |            |            |            |            | 12               | 0         | 20.89         |
|               |            |            |            |            | 12               | 6         | 21.02         |
|               |            |            |            |            | 12               | 11        | 20.75         |
|               |            |            |            |            | 25               | 0         | 21.33         |
|               |            |            |            | 16-QAM     | 1                | 0         | 20.56         |
|               |            |            |            |            | 1                | 12        | 20.82         |
|               |            |            |            |            | 1                | 24        | 20.71         |
|               |            |            |            |            | 12               | 0         | 19.96         |
|               |            |            |            |            | 12               | 6         | 20.16         |
|               |            |            |            |            | 12               | 11        | 20.05         |
|               |            |            |            |            | 25               | 0         | 20.01         |
|               |            |            |            | QPSK       | 1                | 0         | 20.17         |
|               |            |            |            |            | 1                | 12        | 20.43         |
|               |            |            |            |            | 1                | 24        | 21.03         |
|               |            |            |            |            | 12               | 0         | 20.32         |
|               |            |            |            |            | 12               | 6         | 20.41         |
|               |            |            |            |            | 12               | 11        | 20.50         |
|               |            |            |            |            | 25               | 0         | 20.87         |
|               |            |            |            | 16-QAM     | 1                | 0         | 21.08         |
|               |            |            |            |            | 1                | 12        | 21.12         |
|               |            |            |            |            | 1                | 24        | 21.46         |
|               |            |            |            |            | 12               | 0         | 20.52         |
|               |            |            |            |            | 12               | 6         | 20.44         |
|               |            |            |            |            | 12               | 11        | 20.23         |
|               |            |            |            |            | 25               | 0         | 19.65         |



REPORT No.: SZ15040195W02

| Band          | Band Width | Channel    | Freq.(MHz) | Modulation | RB Configuration |           | EIRP<br>(dBm) |
|---------------|------------|------------|------------|------------|------------------|-----------|---------------|
|               |            |            |            |            | RB Size          | RB Offset |               |
| LTE<br>Band 4 | 3MHz       | L<br>19965 | 1711.5     | QPSK       | 1                | 0         | 21.89         |
|               |            |            |            |            | 1                | 7         | 21.92         |
|               |            |            |            |            | 1                | 14        | 21.53         |
|               |            |            |            |            | 8                | 0         | 21.08         |
|               |            |            |            |            | 8                | 4         | 20.96         |
|               |            |            |            |            | 8                | 7         | 21.23         |
|               |            |            |            |            | 15               | 0         | 21.32         |
|               |            | M<br>20175 | 1732.5     | 16-QAM     | 1                | 0         | 21.07         |
|               |            |            |            |            | 1                | 7         | 20.98         |
|               |            |            |            |            | 1                | 14        | 21.11         |
|               |            |            |            |            | 8                | 0         | 20.35         |
|               |            |            |            |            | 8                | 4         | 20.27         |
|               |            |            |            |            | 8                | 7         | 20.46         |
|               |            |            |            |            | 15               | 0         | 20.08         |
|               |            | H<br>20385 | 1753.5     | QPSK       | 1                | 0         | 21.96         |
|               |            |            |            |            | 1                | 7         | 21.76         |
|               |            |            |            |            | 1                | 14        | 21.83         |
|               |            |            |            |            | 8                | 0         | 20.89         |
|               |            |            |            |            | 8                | 4         | 21.08         |
|               |            |            |            |            | 8                | 7         | 21.11         |
|               |            |            |            |            | 15               | 0         | 21.18         |
|               |            |            |            | 16-QAM     | 1                | 0         | 20.89         |
|               |            |            |            |            | 1                | 7         | 20.53         |
|               |            |            |            |            | 1                | 14        | 20.69         |
|               |            |            |            |            | 8                | 0         | 20.14         |
|               |            |            |            |            | 8                | 4         | 20.09         |
|               |            |            |            |            | 8                | 7         | 20.23         |
|               |            |            |            |            | 15               | 0         | 20.16         |
|               |            |            |            | QPSK       | 1                | 0         | 21.55         |
|               |            |            |            |            | 1                | 7         | 21.73         |
|               |            |            |            |            | 1                | 14        | 21.68         |
|               |            |            |            |            | 8                | 0         | 20.44         |
|               |            |            |            |            | 8                | 4         | 20.75         |
|               |            |            |            |            | 8                | 7         | 20.37         |
|               |            |            |            |            | 15               | 0         | 21.06         |
|               |            |            |            | 16-QAM     | 1                | 0         | 20.51         |
|               |            |            |            |            | 1                | 7         | 20.49         |
|               |            |            |            |            | 1                | 14        | 20.82         |
|               |            |            |            |            | 8                | 0         | 20.03         |
|               |            |            |            |            | 8                | 4         | 19.85         |
|               |            |            |            |            | 8                | 7         | 19.56         |
|               |            |            |            |            | 15               | 0         | 19.87         |



REPORT No.: SZ15040195W02

| Band          | Band Width | Channel    | Freq.(MHz) | Modulation | RB Configuration |           | EIRP<br>(dBm) |
|---------------|------------|------------|------------|------------|------------------|-----------|---------------|
|               |            |            |            |            | RB Size          | RB Offset |               |
| LTE<br>Band 4 | 1.4MHz     | L<br>19957 | 1710.7     | QPSK       | 1                | 0         | 21.77         |
|               |            |            |            |            | 1                | 2         | 21.99         |
|               |            |            |            |            | 1                | 5         | 22.07         |
|               |            |            |            |            | 3                | 0         | 21.74         |
|               |            |            |            |            | 3                | 1         | 21.33         |
|               |            |            |            |            | 3                | 2         | 21.16         |
|               |            |            |            |            | 6                | 0         | 20.63         |
|               |            |            |            | 16-QAM     | 1                | 0         | 20.82         |
|               |            |            |            |            | 1                | 2         | 21.09         |
|               |            |            |            |            | 1                | 5         | 21.21         |
|               |            |            |            |            | 3                | 0         | 20.21         |
|               |            |            |            |            | 3                | 1         | 20.38         |
|               |            |            |            |            | 3                | 2         | 20.13         |
|               |            |            |            |            | 6                | 0         | 20.42         |
|               |            | M<br>20175 | 1732.5     | QPSK       | 1                | 0         | 21.87         |
|               |            |            |            |            | 1                | 2         | 21.92         |
|               |            |            |            |            | 1                | 5         | 22.09         |
|               |            |            |            |            | 3                | 0         | 21.56         |
|               |            |            |            |            | 3                | 1         | 21.64         |
|               |            |            |            |            | 3                | 2         | 21.98         |
|               |            |            |            |            | 6                | 0         | 20.28         |
|               |            |            |            | 16-QAM     | 1                | 0         | 21.09         |
|               |            |            |            |            | 1                | 2         | 21.34         |
|               |            |            |            |            | 1                | 5         | 21.11         |
|               |            |            |            |            | 3                | 0         | 20.81         |
|               |            |            |            |            | 3                | 2         | 20.48         |
|               |            |            |            |            | 3                | 5         | 20.30         |
|               |            |            |            |            | 6                | 0         | 20.38         |
|               |            | H<br>20393 | 1754.3     | QPSK       | 1                | 0         | 21.65         |
|               |            |            |            |            | 1                | 2         | 21.27         |
|               |            |            |            |            | 1                | 5         | 21.78         |
|               |            |            |            |            | 3                | 0         | 20.86         |
|               |            |            |            |            | 3                | 1         | 20.77         |
|               |            |            |            |            | 3                | 2         | 21.02         |
|               |            |            |            |            | 6                | 0         | 20.44         |
|               |            |            |            | 16-QAM     | 1                | 0         | 20.88         |
|               |            |            |            |            | 1                | 2         | 20.57         |
|               |            |            |            |            | 1                | 5         | 20.68         |
|               |            |            |            |            | 3                | 0         | 20.10         |
|               |            |            |            |            | 3                | 1         | 20.24         |
|               |            |            |            |            | 3                | 2         | 20.17         |
|               |            |            |            |            | 6                | 0         | 20.03         |



REPORT No.: SZ15040195W02

| Band          | Band Width | Channel    | Freq.(MHz) | Modulation | RB Configuration |           | EIRP<br>(dBm) |
|---------------|------------|------------|------------|------------|------------------|-----------|---------------|
|               |            |            |            |            | RB Size          | RB Offset |               |
| LTE<br>Band 5 | 10MHz      | L<br>20450 | 829        | QPSK       | 1                | 0         | 22.34         |
|               |            |            |            |            | 1                | 24        | 22.53         |
|               |            |            |            |            | 1                | 49        | 22.41         |
|               |            |            |            |            | 25               | 0         | 21.30         |
|               |            |            |            |            | 25               | 12        | 21.41         |
|               |            |            |            |            | 25               | 24        | 21.52         |
|               |            |            |            |            | 50               | 0         | 21.49         |
|               |            |            |            | 16-QAM     | 1                | 0         | 21.55         |
|               |            |            |            |            | 1                | 24        | 21.43         |
|               |            |            |            |            | 1                | 49        | 21.22         |
|               |            |            |            |            | 25               | 0         | 20.85         |
|               |            |            |            |            | 25               | 12        | 20.79         |
|               |            |            |            |            | 25               | 24        | 20.34         |
|               |            |            |            |            | 50               | 0         | 20.63         |
|               |            | M<br>20525 | 836.5      | QPSK       | 1                | 0         | 22.31         |
|               |            |            |            |            | 1                | 24        | 22.46         |
|               |            |            |            |            | 1                | 49        | 22.37         |
|               |            |            |            |            | 25               | 0         | 21.52         |
|               |            |            |            |            | 25               | 12        | 21.21         |
|               |            |            |            |            | 25               | 24        | 21.49         |
|               |            |            |            |            | 50               | 0         | 21.44         |
|               |            |            |            | 16-QAM     | 1                | 0         | 21.37         |
|               |            |            |            |            | 1                | 24        | 21.44         |
|               |            |            |            |            | 1                | 49        | 21.18         |
|               |            |            |            |            | 25               | 0         | 20.88         |
|               |            |            |            |            | 25               | 12        | 20.31         |
|               |            |            |            |            | 25               | 24        | 20.58         |
|               |            |            |            |            | 50               | 0         | 20.43         |
|               |            | H<br>20600 | 844        | QPSK       | 1                | 0         | 22.45         |
|               |            |            |            |            | 1                | 24        | 22.37         |
|               |            |            |            |            | 1                | 49        | 22.49         |
|               |            |            |            |            | 25               | 0         | 21.45         |
|               |            |            |            |            | 25               | 12        | 21.88         |
|               |            |            |            |            | 25               | 24        | 21.63         |
|               |            |            |            |            | 50               | 0         | 21.52         |
|               |            |            |            | 16-QAM     | 1                | 0         | 21.18         |
|               |            |            |            |            | 1                | 24        | 21.26         |
|               |            |            |            |            | 1                | 49        | 21.03         |
|               |            |            |            |            | 25               | 0         | 20.77         |
|               |            |            |            |            | 25               | 12        | 20.49         |
|               |            |            |            |            | 25               | 24        | 20.11         |
|               |            |            |            |            | 50               | 0         | 20.44         |



REPORT No.: SZ15040195W02

| Band          | Band Width | Channel    | Freq.(MHz) | Modulation | RB Configuration |           | EIRP<br>(dBm) |
|---------------|------------|------------|------------|------------|------------------|-----------|---------------|
|               |            |            |            |            | RB Size          | RB Offset |               |
| LTE<br>Band 5 | 5MHz       | L<br>20425 | 826.5      | QPSK       | 1                | 0         | 22.43         |
|               |            |            |            |            | 1                | 12        | 22.51         |
|               |            |            |            |            | 1                | 24        | 22.33         |
|               |            |            |            |            | 12               | 0         | 21.32         |
|               |            |            |            |            | 12               | 6         | 21.16         |
|               |            |            |            |            | 12               | 11        | 21.52         |
|               |            |            |            |            | 25               | 0         | 21.43         |
|               |            | M<br>20525 | 836.5      | 16-QAM     | 1                | 0         | 21.07         |
|               |            |            |            |            | 1                | 12        | 21.62         |
|               |            |            |            |            | 1                | 24        | 21.28         |
|               |            |            |            |            | 12               | 0         | 20.86         |
|               |            |            |            |            | 12               | 6         | 20.44         |
|               |            |            |            |            | 12               | 11        | 20.52         |
|               |            |            |            |            | 25               | 0         | 20.33         |
|               |            | H<br>20625 | 846.5      | QPSK       | 1                | 0         | 22.37         |
|               |            |            |            |            | 1                | 12        | 22.41         |
|               |            |            |            |            | 1                | 24        | 22.19         |
|               |            |            |            |            | 12               | 0         | 21.30         |
|               |            |            |            |            | 12               | 6         | 21.27         |
|               |            |            |            |            | 12               | 11        | 21.09         |
|               |            |            |            |            | 25               | 0         | 21.37         |
|               |            |            |            | 16-QAM     | 1                | 0         | 21.18         |
|               |            |            |            |            | 1                | 12        | 21.36         |
|               |            |            |            |            | 1                | 24        | 21.03         |
|               |            |            |            |            | 12               | 0         | 20.77         |
|               |            |            |            |            | 12               | 6         | 20.59         |
|               |            |            |            |            | 12               | 11        | 20.42         |
|               |            |            |            |            | 25               | 0         | 20.49         |
|               |            |            |            | QPSK       | 1                | 0         | 22.14         |
|               |            |            |            |            | 1                | 12        | 22.06         |
|               |            |            |            |            | 1                | 24        | 22.43         |
|               |            |            |            |            | 12               | 0         | 21.39         |
|               |            |            |            |            | 12               | 6         | 21.66         |
|               |            |            |            |            | 12               | 11        | 21.45         |
|               |            |            |            |            | 25               | 0         | 21.36         |
|               |            |            |            | 16-QAM     | 1                | 0         | 21.17         |
|               |            |            |            |            | 1                | 12        | 21.52         |
|               |            |            |            |            | 1                | 24        | 21.35         |
|               |            |            |            |            | 12               | 0         | 20.31         |
|               |            |            |            |            | 12               | 6         | 20.44         |
|               |            |            |            |            | 12               | 11        | 20.69         |
|               |            |            |            |            | 25               | 0         | 20.41         |



REPORT No.: SZ15040195W02

| Band          | Band Width | Channel    | Freq.(MHz) | Modulation | RB Configuration |           | EIRP<br>(dBm) |
|---------------|------------|------------|------------|------------|------------------|-----------|---------------|
|               |            |            |            |            | RB Size          | RB Offset |               |
| LTE<br>Band 5 | 3MHz       | L<br>20415 | 825.5      | QPSK       | 1                | 0         | 22.14         |
|               |            |            |            |            | 1                | 7         | 22.31         |
|               |            |            |            |            | 1                | 14        | 22.43         |
|               |            |            |            |            | 8                | 0         | 21.12         |
|               |            |            |            |            | 8                | 4         | 20.89         |
|               |            |            |            |            | 8                | 7         | 21.03         |
|               |            |            |            |            | 15               | 0         | 21.16         |
|               |            |            |            | 16-QAM     | 1                | 0         | 21.28         |
|               |            |            |            |            | 1                | 7         | 21.19         |
|               |            |            |            |            | 1                | 14        | 21.55         |
|               |            |            |            |            | 8                | 0         | 20.94         |
|               |            |            |            |            | 8                | 4         | 20.82         |
|               |            |            |            |            | 8                | 7         | 20.58         |
|               |            |            |            |            | 15               | 0         | 20.43         |
|               |            | M<br>20525 | 836.5      | QPSK       | 1                | 0         | 22.38         |
|               |            |            |            |            | 1                | 7         | 22.41         |
|               |            |            |            |            | 1                | 14        | 22.19         |
|               |            |            |            |            | 8                | 0         | 21.33         |
|               |            |            |            |            | 8                | 4         | 21.26         |
|               |            |            |            |            | 8                | 7         | 21.19         |
|               |            |            |            |            | 15               | 0         | 21.53         |
|               |            |            |            | 16-QAM     | 1                | 0         | 20.37         |
|               |            |            |            |            | 1                | 7         | 21.07         |
|               |            |            |            |            | 1                | 14        | 21.43         |
|               |            |            |            |            | 8                | 0         | 20.55         |
|               |            |            |            |            | 8                | 4         | 20.72         |
|               |            |            |            |            | 8                | 7         | 20.34         |
|               |            |            |            |            | 15               | 0         | 20.51         |
|               |            | H<br>20635 | 847.5      | QPSK       | 1                | 0         | 22.22         |
|               |            |            |            |            | 1                | 7         | 22.18         |
|               |            |            |            |            | 1                | 14        | 22.13         |
|               |            |            |            |            | 8                | 0         | 21.46         |
|               |            |            |            |            | 8                | 4         | 21.82         |
|               |            |            |            |            | 8                | 7         | 21.22         |
|               |            |            |            |            | 15               | 0         | 21.45         |
|               |            |            |            | 16-QAM     | 1                | 0         | 21.29         |
|               |            |            |            |            | 1                | 7         | 21.06         |
|               |            |            |            |            | 1                | 14        | 21.27         |
|               |            |            |            |            | 8                | 0         | 20.46         |
|               |            |            |            |            | 8                | 4         | 20.39         |
|               |            |            |            |            | 8                | 7         | 20.11         |
|               |            |            |            |            | 15               | 0         | 20.13         |



REPORT No.: SZ15040195W02

| Band          | Band Width | Channel    | Freq.(MHz) | Modulation | RB Configuration |           | EIRP<br>(dBm) |
|---------------|------------|------------|------------|------------|------------------|-----------|---------------|
|               |            |            |            |            | RB Size          | RB Offset |               |
| LTE<br>Band 5 | 1.4MHz     | L<br>20407 | 824.7      | QPSK       | 1                | 0         | 22.37         |
|               |            |            |            |            | 1                | 2         | 22.18         |
|               |            |            |            |            | 1                | 5         | 22.23         |
|               |            |            |            |            | 3                | 0         | 22.33         |
|               |            |            |            |            | 3                | 1         | 21.56         |
|               |            |            |            |            | 3                | 2         | 21.77         |
|               |            |            |            |            | 6                | 0         | 21.38         |
|               |            |            |            | 16-QAM     | 1                | 0         | 21.49         |
|               |            |            |            |            | 1                | 2         | 21.64         |
|               |            |            |            |            | 1                | 5         | 20.76         |
|               |            |            |            |            | 3                | 0         | 20.84         |
|               |            |            |            |            | 3                | 1         | 21.08         |
|               |            |            |            |            | 3                | 2         | 20.85         |
|               |            |            |            |            | 6                | 0         | 20.46         |
|               |            | M<br>20525 | 836.5      | QPSK       | 1                | 0         | 22.17         |
|               |            |            |            |            | 1                | 2         | 22.43         |
|               |            |            |            |            | 1                | 5         | 22.26         |
|               |            |            |            |            | 3                | 0         | 21.83         |
|               |            |            |            |            | 3                | 1         | 22.09         |
|               |            |            |            |            | 3                | 2         | 22.35         |
|               |            |            |            |            | 6                | 0         | 21.29         |
|               |            |            |            | 16-QAM     | 1                | 0         | 21.53         |
|               |            |            |            |            | 1                | 2         | 21.88         |
|               |            |            |            |            | 1                | 5         | 21.44         |
|               |            |            |            |            | 3                | 0         | 20.79         |
|               |            |            |            |            | 3                | 2         | 20.55         |
|               |            |            |            |            | 3                | 5         | 20.64         |
|               |            |            |            |            | 6                | 0         | 20.34         |
|               |            | H<br>20643 | 848.3      | QPSK       | 1                | 0         | 22.63         |
|               |            |            |            |            | 1                | 2         | 22.27         |
|               |            |            |            |            | 1                | 5         | 22.46         |
|               |            |            |            |            | 3                | 0         | 22.19         |
|               |            |            |            |            | 3                | 1         | 21.63         |
|               |            |            |            |            | 3                | 2         | 21.29         |
|               |            |            |            |            | 6                | 0         | 21.37         |
|               |            |            |            | 16-QAM     | 1                | 0         | 21.26         |
|               |            |            |            |            | 1                | 2         | 21.44         |
|               |            |            |            |            | 1                | 5         | 21.33         |
|               |            |            |            |            | 3                | 0         | 20.51         |
|               |            |            |            |            | 3                | 1         | 20.30         |
|               |            |            |            |            | 3                | 2         | 20.69         |
|               |            |            |            |            | 6                | 0         | 20.55         |



REPORT No.: SZ15040195W02

| Band          | Band Width | Channel    | Freq.(MHz) | Modulation | RB Configuration |           | EIRP<br>(dBm) |
|---------------|------------|------------|------------|------------|------------------|-----------|---------------|
|               |            |            |            |            | RB Size          | RB Offset |               |
| LTE<br>Band 7 | 20MHz      | L<br>20850 | 2510       | QPSK       | 1                | 0         | 20.96         |
|               |            |            |            |            | 1                | 49        | 20.84         |
|               |            |            |            |            | 1                | 99        | 20.57         |
|               |            |            |            |            | 50               | 0         | 20.07         |
|               |            |            |            |            | 50               | 25        | 20.13         |
|               |            |            |            |            | 50               | 49        | 20.02         |
|               |            |            |            |            | 100              | 0         | 19.94         |
|               |            |            |            | 16-QAM     | 1                | 0         | 20.37         |
|               |            |            |            |            | 1                | 49        | 20.26         |
|               |            |            |            |            | 1                | 99        | 20.14         |
|               |            |            |            |            | 50               | 0         | 19.92         |
|               |            |            |            |            | 50               | 25        | 20.03         |
|               |            |            |            |            | 50               | 49        | 19.84         |
|               |            |            |            |            | 100              | 0         | 19.71         |
|               |            | M<br>21100 | 2535       | QPSK       | 1                | 0         | 21.49         |
|               |            |            |            |            | 1                | 49        | 21.11         |
|               |            |            |            |            | 1                | 99        | 21.02         |
|               |            |            |            |            | 50               | 0         | 20.15         |
|               |            |            |            |            | 50               | 25        | 19.77         |
|               |            |            |            |            | 50               | 49        | 19.81         |
|               |            |            |            |            | 100              | 0         | 19.83         |
|               |            |            |            | 16-QAM     | 1                | 0         | 20.01         |
|               |            |            |            |            | 1                | 49        | 20.37         |
|               |            |            |            |            | 1                | 99        | 20.13         |
|               |            |            |            |            | 50               | 0         | 19.82         |
|               |            |            |            |            | 50               | 25        | 19.72         |
|               |            |            |            |            | 50               | 49        | 19.91         |
|               |            |            |            |            | 100              | 0         | 19.53         |
|               |            | H<br>21350 | 2560       | QPSK       | 1                | 0         | 21.14         |
|               |            |            |            |            | 1                | 49        | 20.52         |
|               |            |            |            |            | 1                | 99        | 20.63         |
|               |            |            |            |            | 50               | 0         | 20.48         |
|               |            |            |            |            | 50               | 25        | 20.16         |
|               |            |            |            |            | 50               | 49        | 19.83         |
|               |            |            |            |            | 100              | 0         | 20.01         |
|               |            |            |            | 16-QAM     | 1                | 0         | 20.75         |
|               |            |            |            |            | 1                | 49        | 20.37         |
|               |            |            |            |            | 1                | 99        | 20.61         |
|               |            |            |            |            | 50               | 0         | 19.86         |
|               |            |            |            |            | 50               | 25        | 20.04         |
|               |            |            |            |            | 50               | 49        | 19.78         |
|               |            |            |            |            | 100              | 0         | 19.13         |



REPORT No.: SZ15040195W02

| Band          | Band Width | Channel    | Freq.(MHz) | Modulation | RB Configuration |           | EIRP<br>(dBm) |
|---------------|------------|------------|------------|------------|------------------|-----------|---------------|
|               |            |            |            |            | RB Size          | RB Offset |               |
| LTE<br>Band 7 | 15MHz      | L<br>20825 | 2507.5     | QPSK       | 1                | 0         | 21.46         |
|               |            |            |            |            | 1                | 37        | 21.33         |
|               |            |            |            |            | 1                | 74        | 21.13         |
|               |            |            |            |            | 36               | 0         | 20.15         |
|               |            |            |            |            | 36               | 18        | 20.49         |
|               |            |            |            |            | 36               | 35        | 20.73         |
|               |            |            |            |            | 75               | 0         | 20.68         |
|               |            | M<br>21100 | 2535       | 16-QAM     | 1                | 0         | 20.33         |
|               |            |            |            |            | 1                | 37        | 20.58         |
|               |            |            |            |            | 1                | 74        | 19.93         |
|               |            |            |            |            | 36               | 0         | 20.04         |
|               |            |            |            |            | 36               | 18        | 19.86         |
|               |            |            |            |            | 36               | 35        | 19.92         |
|               |            |            |            |            | 75               | 0         | 19.42         |
|               |            |            |            | QPSK       | 1                | 0         | 21.48         |
|               |            |            |            |            | 1                | 37        | 20.96         |
|               |            |            |            |            | 1                | 74        | 21.13         |
|               |            |            |            |            | 36               | 0         | 20.01         |
|               |            |            |            |            | 36               | 18        | 20.08         |
|               |            |            |            |            | 36               | 35        | 19.85         |
|               |            |            |            |            | 75               | 0         | 19.67         |
|               |            | H<br>21375 | 2562.5     | 16-QAM     | 1                | 0         | 19.42         |
|               |            |            |            |            | 1                | 37        | 20.05         |
|               |            |            |            |            | 1                | 74        | 19.33         |
|               |            |            |            |            | 36               | 0         | 19.24         |
|               |            |            |            |            | 36               | 18        | 19.16         |
|               |            |            |            |            | 36               | 35        | 19.53         |
|               |            |            |            |            | 75               | 0         | 19.34         |
|               |            |            |            | QPSK       | 1                | 0         | 21.43         |
|               |            |            |            |            | 1                | 37        | 21.01         |
|               |            |            |            |            | 1                | 74        | 20.91         |
|               |            |            |            |            | 36               | 0         | 20.03         |
|               |            |            |            |            | 36               | 18        | 20.16         |
|               |            |            |            |            | 36               | 35        | 19.85         |
|               |            |            |            |            | 75               | 0         | 19.93         |
|               |            |            |            | 16-QAM     | 1                | 0         | 20.14         |
|               |            |            |            |            | 1                | 37        | 20.28         |
|               |            |            |            |            | 1                | 74        | 20.07         |
|               |            |            |            |            | 36               | 0         | 19.73         |
|               |            |            |            |            | 36               | 18        | 20.05         |
|               |            |            |            |            | 36               | 35        | 19.85         |
|               |            |            |            |            | 75               | 0         | 19.21         |



REPORT No.: SZ15040195W02

| Band          | Band Width | Channel    | Freq.(MHz) | Modulation | RB Configuration |           | EIRP<br>(dBm) |
|---------------|------------|------------|------------|------------|------------------|-----------|---------------|
|               |            |            |            |            | RB Size          | RB Offset |               |
| LTE<br>Band 7 | 10MHz      | L<br>20800 | 2505       | QPSK       | 1                | 0         | 21.41         |
|               |            |            |            |            | 1                | 24        | 21.39         |
|               |            |            |            |            | 1                | 49        | 21.33         |
|               |            |            |            |            | 25               | 0         | 20.75         |
|               |            |            |            |            | 25               | 12        | 20.34         |
|               |            |            |            |            | 25               | 24        | 20.03         |
|               |            |            |            |            | 50               | 0         | 20.07         |
|               |            |            |            | 16-QAM     | 1                | 0         | 20.85         |
|               |            |            |            |            | 1                | 24        | 20.49         |
|               |            |            |            |            | 1                | 49        | 20.53         |
|               |            |            |            |            | 25               | 0         | 19.86         |
|               |            |            |            |            | 25               | 12        | 20.03         |
|               |            |            |            |            | 25               | 24        | 19.76         |
|               |            |            |            |            | 50               | 0         | 19.73         |
|               |            | M<br>21100 | 2535       | QPSK       | 1                | 0         | 21.09         |
|               |            |            |            |            | 1                | 24        | 20.78         |
|               |            |            |            |            | 1                | 49        | 20.83         |
|               |            |            |            |            | 25               | 0         | 19.85         |
|               |            |            |            |            | 25               | 12        | 19.73         |
|               |            |            |            |            | 25               | 24        | 19.58         |
|               |            |            |            |            | 50               | 0         | 19.34         |
|               |            |            |            | 16-QAM     | 1                | 0         | 19.89         |
|               |            |            |            |            | 1                | 24        | 20.05         |
|               |            |            |            |            | 1                | 49        | 19.48         |
|               |            |            |            |            | 25               | 0         | 19.86         |
|               |            |            |            |            | 25               | 12        | 19.28         |
|               |            |            |            |            | 25               | 24        | 19.53         |
|               |            |            |            |            | 50               | 0         | 19.37         |
|               |            | H<br>21400 | 2565       | QPSK       | 1                | 0         | 21.01         |
|               |            |            |            |            | 1                | 24        | 20.81         |
|               |            |            |            |            | 1                | 49        | 20.95         |
|               |            |            |            |            | 25               | 0         | 19.37         |
|               |            |            |            |            | 25               | 12        | 20.05         |
|               |            |            |            |            | 25               | 24        | 19.56         |
|               |            |            |            |            | 50               | 0         | 19.71         |
|               |            |            |            | 16-QAM     | 1                | 0         | 19.69         |
|               |            |            |            |            | 1                | 24        | 19.88         |
|               |            |            |            |            | 1                | 49        | 19.45         |
|               |            |            |            |            | 25               | 0         | 19.24         |
|               |            |            |            |            | 25               | 12        | 19.53         |
|               |            |            |            |            | 25               | 24        | 19.72         |
|               |            |            |            |            | 50               | 0         | 19.10         |



REPORT No.: SZ15040195W02

| Band          | Band Width | Channel    | Freq.(MHz) | Modulation | RB Configuration |           | EIRP<br>(dBm) |
|---------------|------------|------------|------------|------------|------------------|-----------|---------------|
|               |            |            |            |            | RB Size          | RB Offset |               |
| LTE<br>Band 7 | 5MHz       | L<br>20775 | 2502.5     | QPSK       | 1                | 0         | 21.34         |
|               |            |            |            |            | 1                | 12        | 21.45         |
|               |            |            |            |            | 1                | 24        | 21.27         |
|               |            |            |            |            | 12               | 0         | 20.85         |
|               |            |            |            |            | 12               | 6         | 20.76         |
|               |            |            |            |            | 12               | 11        | 20.91         |
|               |            |            |            |            | 25               | 0         | 19.83         |
|               |            | M<br>21100 | 2535       | 16-QAM     | 1                | 0         | 20.18         |
|               |            |            |            |            | 1                | 12        | 20.05         |
|               |            |            |            |            | 1                | 24        | 19.76         |
|               |            |            |            |            | 12               | 0         | 19.48         |
|               |            |            |            |            | 12               | 6         | 19.53         |
|               |            |            |            |            | 12               | 11        | 19.66         |
|               |            |            |            |            | 25               | 0         | 19.52         |
|               |            | H<br>21425 | 2567.5     | QPSK       | 1                | 0         | 20.87         |
|               |            |            |            |            | 1                | 12        | 20.78         |
|               |            |            |            |            | 1                | 24        | 20.69         |
|               |            |            |            |            | 12               | 0         | 20.41         |
|               |            |            |            |            | 12               | 6         | 20.33         |
|               |            |            |            |            | 12               | 11        | 20.59         |
|               |            |            |            |            | 25               | 0         | 20.53         |
|               |            |            |            | 16-QAM     | 1                | 0         | 20.48         |
|               |            |            |            |            | 1                | 12        | 20.82         |
|               |            |            |            |            | 1                | 24        | 19.33         |
|               |            |            |            |            | 12               | 0         | 19.58         |
|               |            |            |            |            | 12               | 6         | 19.44         |
|               |            |            |            |            | 12               | 11        | 19.38         |
|               |            |            |            |            | 25               | 0         | 19.21         |
|               |            |            |            | QPSK       | 1                | 0         | 20.86         |
|               |            |            |            |            | 1                | 12        | 20.85         |
|               |            |            |            |            | 1                | 24        | 20.73         |
|               |            |            |            |            | 12               | 0         | 19.74         |
|               |            |            |            |            | 12               | 6         | 19.59         |
|               |            |            |            |            | 12               | 11        | 19.69         |
|               |            |            |            |            | 25               | 0         | 19.83         |
|               |            |            |            | 16-QAM     | 1                | 0         | 20.09         |
|               |            |            |            |            | 1                | 12        | 20.18         |
|               |            |            |            |            | 1                | 24        | 19.45         |
|               |            |            |            |            | 12               | 0         | 19.82         |
|               |            |            |            |            | 12               | 6         | 19.55         |
|               |            |            |            |            | 12               | 11        | 19.89         |
|               |            |            |            |            | 25               | 0         | 19.13         |



## **2.8 Radiated Spurious Emissions**

### **2.8.1 Requirement**

According to FCC section 2.1053 and section 27.53(g), 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  $43+10*\log(P)$ dB. This calculated to be -13dBm.

### **2.8.2 Test Description**

See section 2.7.2 of this report.

Note: when doing measurements above 1GHz, the EUT has been within the 3dB cone width of the horn antenna during horizontal antenna.

### **2.8.3 Test Result**

The measurement frequency range is from 30MHz to the 10th harmonic of the fundamental frequency. The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented.

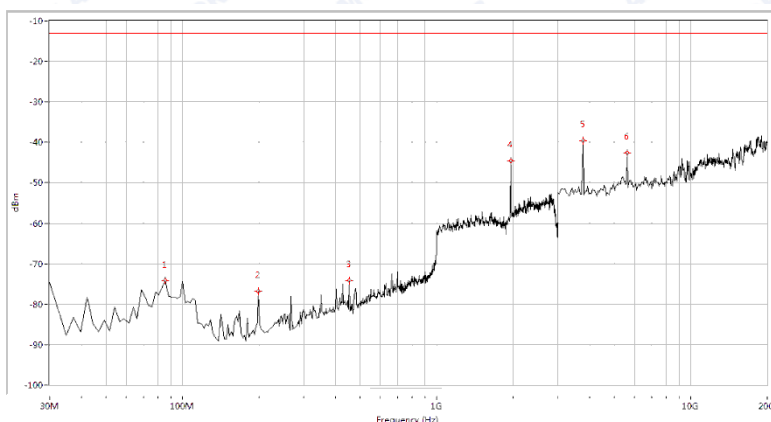
Test Plots for the Whole Measurement Frequency Range:

Note1: the power of the EUT transmitting frequency should be ignored.

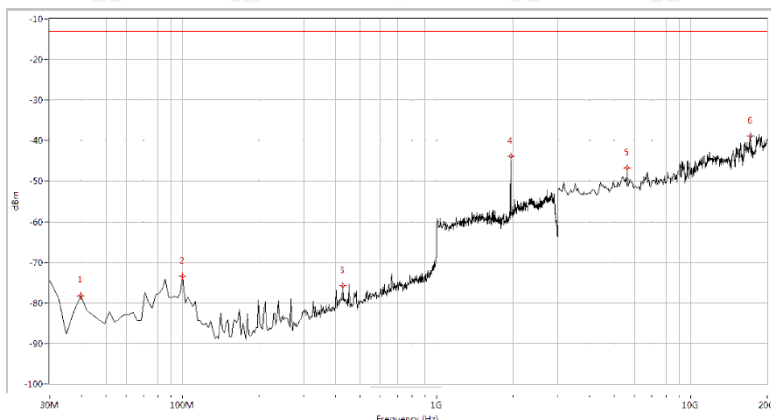
Note2: All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.



## LTE Band 2 1.4MHz BW, Mid Channel, QPSK



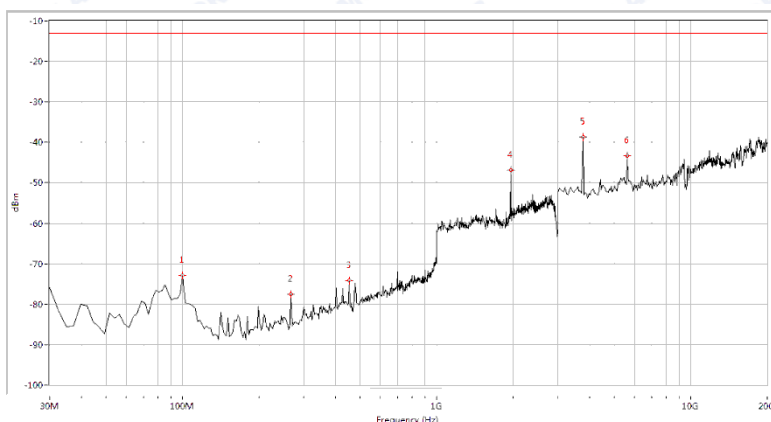
| Fre. (MHz) | Peak   | Limit(PK) | Margin | Degree | Antenna    | Verdict |
|------------|--------|-----------|--------|--------|------------|---------|
| 85.636     | -74.23 | -13.0     | 61.2   | -3.0   | Horizontal | PASS    |
| 199.327    | -76.86 | -13.0     | 63.9   | 252.4  | Horizontal | PASS    |
| 453.317    | -74.23 | -13.0     | 61.2   | 274.3  | Horizontal | PASS    |
| 1957.606   | -44.56 | -13.0     | 31.6   | 309.7  | Horizontal | N.A     |
| 3763.092   | -39.67 | -13.0     | 26.7   | 42.5   | Horizontal | PASS    |
| 5628.429   | -42.70 | -13.0     | 29.7   | 23.2   | Horizontal | PASS    |



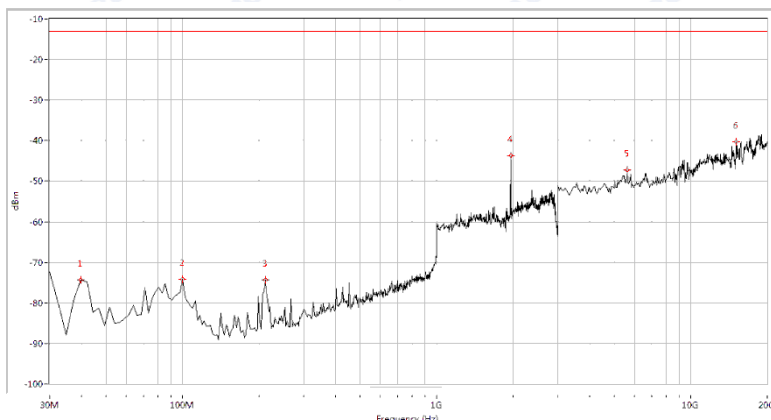
| Fre. (MHz) | Peak   | Limit(PK) | Margin | Degree | Antenna  | Verdict |
|------------|--------|-----------|--------|--------|----------|---------|
| 39.676     | -78.20 | -13.0     | 65.2   | 244.7  | Vertical | PASS    |
| 100.150    | -73.45 | -13.0     | 60.4   | 288.5  | Vertical | PASS    |
| 426.708    | -75.72 | -13.0     | 62.7   | 259.9  | Vertical | PASS    |
| 1957.606   | -43.86 | -13.0     | 30.9   | 249.5  | Vertical | N.A     |
| 5628.429   | -46.73 | -13.0     | 33.7   | 36.5   | Vertical | PASS    |
| 17159.601  | -38.95 | -13.0     | 26.0   | 198.6  | Vertical | PASS    |



LTE Band 2 1.4MHz BW, Mid Channel, 16QAM



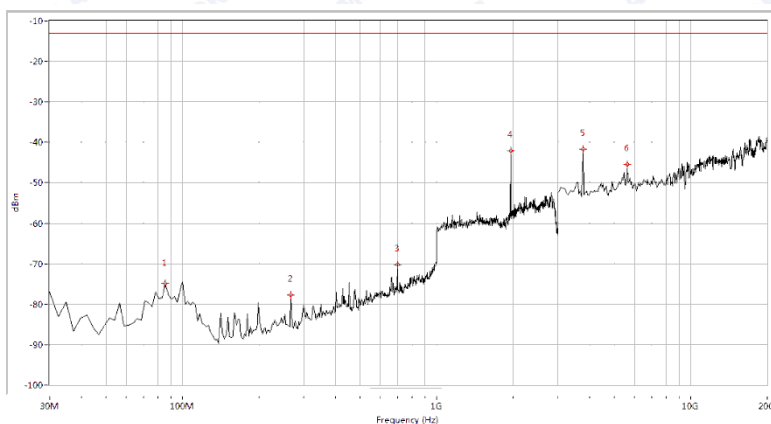
| Fre. (MHz) | Peak   | Limit(PK) | Margin | Degree | Antenna    | Verdict |
|------------|--------|-----------|--------|--------|------------|---------|
| 100.150    | -72.95 | -13.0     | 59.9   | 357.0  | Horizontal | PASS    |
| 267.057    | -77.56 | -13.0     | 64.6   | 335.1  | Horizontal | PASS    |
| 453.317    | -74.22 | -13.0     | 61.2   | 265.6  | Horizontal | PASS    |
| 1957.606   | -46.93 | -13.0     | 33.9   | 301.4  | Horizontal | N.A     |
| 3763.092   | -38.65 | -13.0     | 25.6   | 242.9  | Horizontal | PASS    |
| 5628.429   | -43.39 | -13.0     | 30.4   | 357.0  | Horizontal | PASS    |



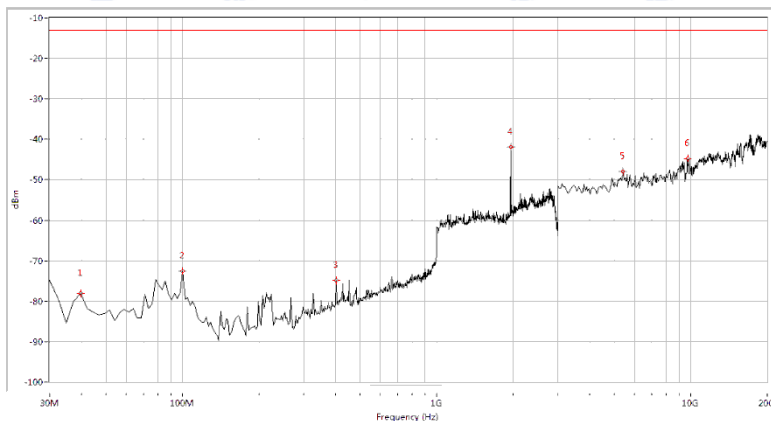
| Fre. (MHz) | Peak   | Limit(PK) | Margin | Degree | Antenna  | Verdict |
|------------|--------|-----------|--------|--------|----------|---------|
| 39.676     | -74.36 | -13.0     | 61.4   | 351.3  | Vertical | PASS    |
| 100.150    | -74.23 | -13.0     | 61.2   | 2.9    | Vertical | PASS    |
| 211.421    | -74.26 | -13.0     | 61.3   | 253.2  | Vertical | PASS    |
| 1957.606   | -43.71 | -13.0     | 30.7   | 269.6  | Vertical | N.A     |
| 5628.429   | -47.31 | -13.0     | 34.3   | 150.5  | Vertical | PASS    |
| 15124.688  | -40.37 | -13.0     | 27.4   | 187.3  | Vertical | PASS    |



## LTE Band 2 3MHz BW, Mid Channel, QPSK



| Fre. (MHz) | Peak   | Limit(PK) | Margin | Degree | Antenna    | Verdict |
|------------|--------|-----------|--------|--------|------------|---------|
| 85.636     | -74.95 | -13.0     | 61.9   | 308.4  | Horizontal | PASS    |
| 267.057    | -77.68 | -13.0     | 64.7   | 267.9  | Horizontal | PASS    |
| 700.050    | -70.25 | -13.0     | 57.3   | 326.8  | Horizontal | PASS    |
| 1957.606   | -42.15 | -13.0     | 29.1   | 289.7  | Horizontal | N.A     |
| 3763.092   | -41.64 | -13.0     | 28.6   | 129.1  | Horizontal | PASS    |
| 5628.429   | -45.39 | -13.0     | 32.4   | 196.0  | Horizontal | PASS    |

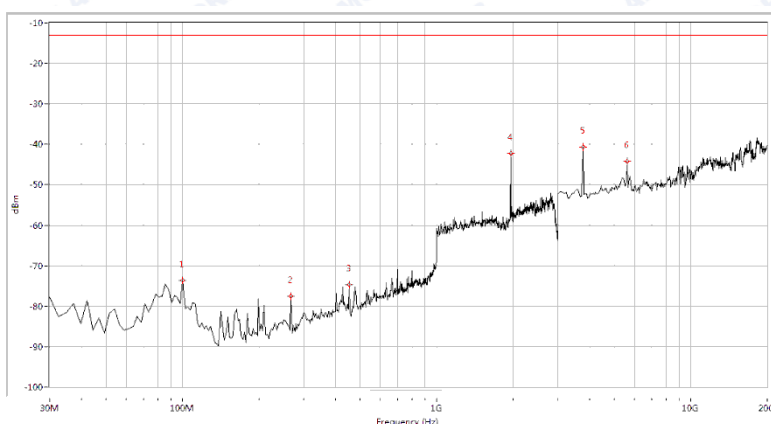


| Fre. (MHz) | Peak   | Limit(PK) | Margin | Degree | Antenna  | Verdict |
|------------|--------|-----------|--------|--------|----------|---------|
| 39.676     | -78.02 | -13.0     | 65.0   | 354.3  | Vertical | PASS    |
| 100.150    | -72.55 | -13.0     | 59.6   | 29.1   | Vertical | PASS    |
| 402.519    | -74.86 | -13.0     | 61.9   | 251.1  | Vertical | PASS    |
| 1957.606   | -41.98 | -13.0     | 29.0   | 293.3  | Vertical | N.A     |
| 5416.459   | -48.02 | -13.0     | 35.0   | 256.6  | Vertical | PASS    |
| 9740.648   | -44.70 | -13.0     | 31.7   | 164.0  | Vertical | PASS    |

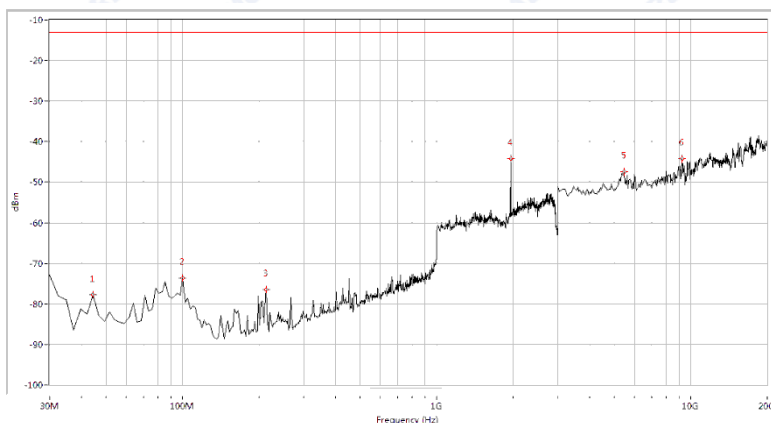


REPORT No.: SZ15040195W02

## LTE Band 2 3MHz BW, Mid Channel, 16QAM



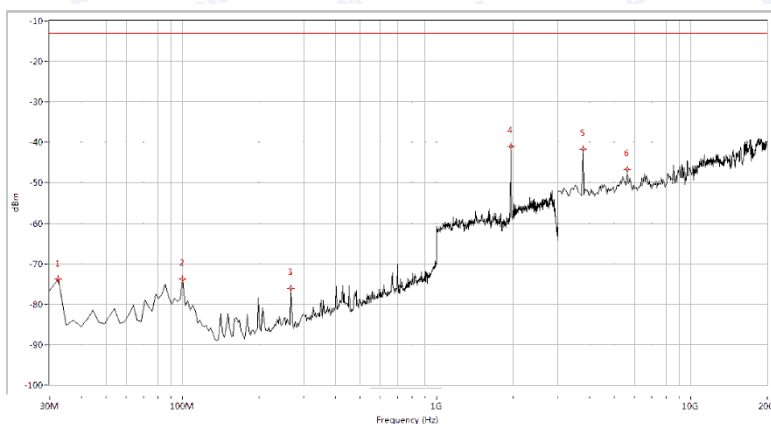
| Fre. (MHz) | Peak   | Limit(PK) | Margin | Degree | Antenna    | Verdict |
|------------|--------|-----------|--------|--------|------------|---------|
| 100.150    | -73.66 | -13.0     | 60.7   | 142.3  | Horizontal | PASS    |
| 267.057    | -77.61 | -13.0     | 64.6   | 294.4  | Horizontal | PASS    |
| 453.317    | -74.75 | -13.0     | 61.7   | 274.4  | Horizontal | PASS    |
| 1957.606   | -42.28 | -13.0     | 29.3   | 305.3  | Horizontal | N.A     |
| 3763.092   | -40.71 | -13.0     | 27.7   | 296.7  | Horizontal | PASS    |
| 5628.429   | -44.25 | -13.0     | 31.3   | 79.9   | Horizontal | PASS    |



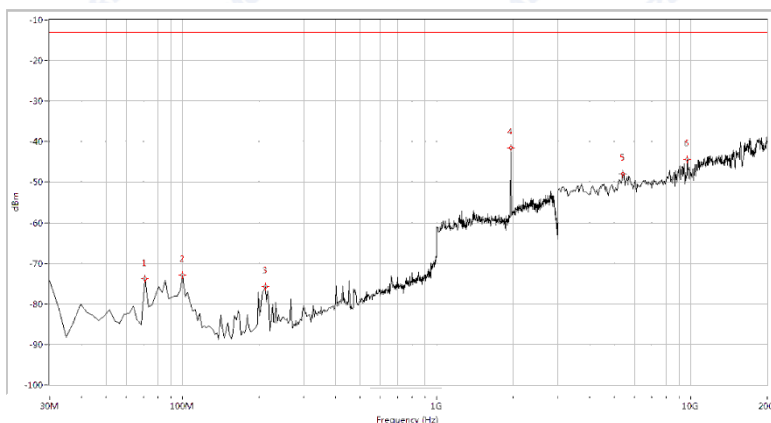
| Fre. (MHz) | Peak   | Limit(PK) | Margin | Degree | Antenna  | Verdict |
|------------|--------|-----------|--------|--------|----------|---------|
| 44.514     | -77.73 | -13.0     | 64.7   | -0.0   | Vertical | PASS    |
| 100.150    | -73.68 | -13.0     | 60.7   | 87.7   | Vertical | PASS    |
| 213.840    | -76.56 | -13.0     | 63.6   | 263.2  | Vertical | PASS    |
| 1957.606   | -44.24 | -13.0     | 31.2   | 282.6  | Vertical | N.A     |
| 5458.853   | -47.51 | -13.0     | 34.5   | 205.9  | Vertical | PASS    |
| 9231.920   | -44.23 | -13.0     | 31.2   | 45.5   | Vertical | PASS    |



## LTE Band 2 5MHz BW, Mid Channel, QPSK



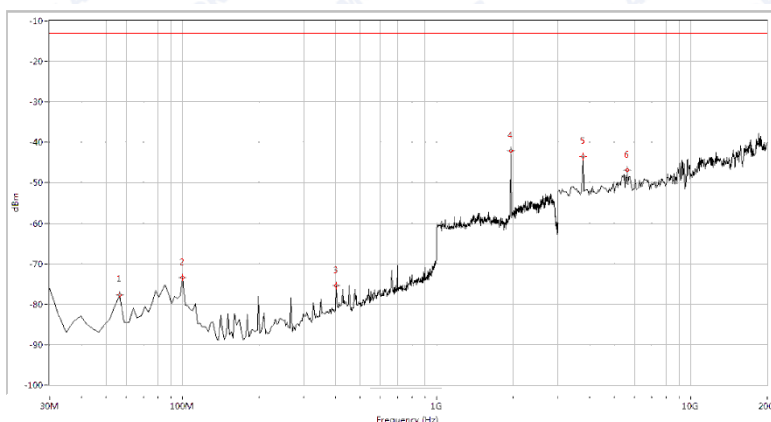
| Fre. (MHz) | Peak   | Limit(PK) | Margin | Degree | Antenna    | Verdict |
|------------|--------|-----------|--------|--------|------------|---------|
| 32.419     | -73.79 | -13.0     | 60.8   | 318.1  | Horizontal | PASS    |
| 100.150    | -73.83 | -13.0     | 60.8   | 312.1  | Horizontal | PASS    |
| 267.057    | -76.19 | -13.0     | 63.2   | 265.3  | Horizontal | PASS    |
| 1957.606   | -41.09 | -13.0     | 28.1   | 306.4  | Horizontal | N.A     |
| 3763.092   | -41.69 | -13.0     | 28.7   | 299.1  | Horizontal | PASS    |
| 5628.429   | -46.65 | -13.0     | 33.6   | 222.8  | Horizontal | PASS    |



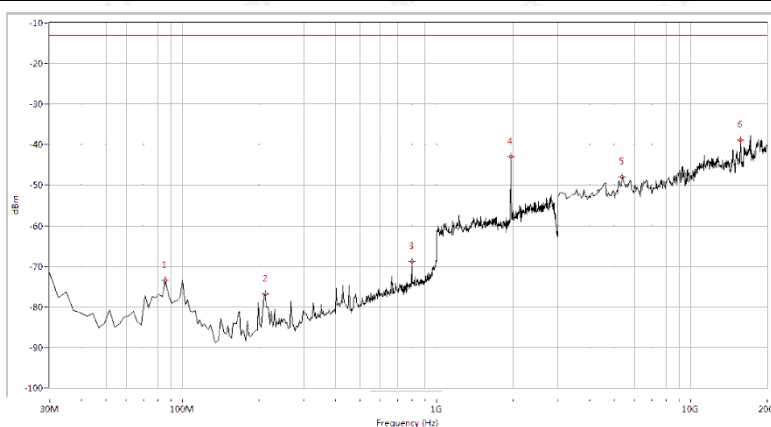
| Fre. (MHz) | Peak   | Limit(PK) | Margin | Degree | Antenna  | Verdict |
|------------|--------|-----------|--------|--------|----------|---------|
| 71.122     | -73.72 | -13.0     | 60.7   | -3.0   | Vertical | PASS    |
| 100.150    | -72.87 | -13.0     | 59.9   | 260.6  | Vertical | PASS    |
| 211.421    | -75.84 | -13.0     | 62.8   | 34.0   | Vertical | PASS    |
| 1957.606   | -41.57 | -13.0     | 28.6   | 269.2  | Vertical | N.A     |
| 5416.459   | -48.05 | -13.0     | 35.0   | 0.0    | Vertical | PASS    |
| 9698.254   | -44.34 | -13.0     | 31.3   | 1.5    | Vertical | PASS    |



## LTE Band 2 5MHz BW, Mid Channel, 16QAM



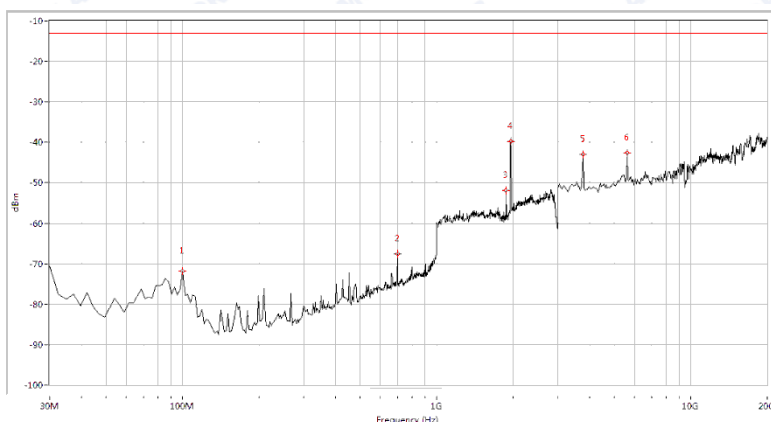
| Fre. (MHz) | Peak   | Limit(PK) | Margin | Degree | Antenna    | Verdict |
|------------|--------|-----------|--------|--------|------------|---------|
| 56.608     | -77.66 | -13.0     | 64.7   | 298.5  | Horizontal | PASS    |
| 100.150    | -73.38 | -13.0     | 60.4   | 93.2   | Horizontal | PASS    |
| 402.519    | -75.42 | -13.0     | 62.4   | 266.9  | Horizontal | PASS    |
| 1957.606   | -42.15 | -13.0     | 29.2   | 308.3  | Horizontal | N.A     |
| 3763.092   | -43.54 | -13.0     | 30.5   | 272.5  | Horizontal | PASS    |
| 5628.429   | -46.91 | -13.0     | 33.9   | 142.6  | Horizontal | PASS    |



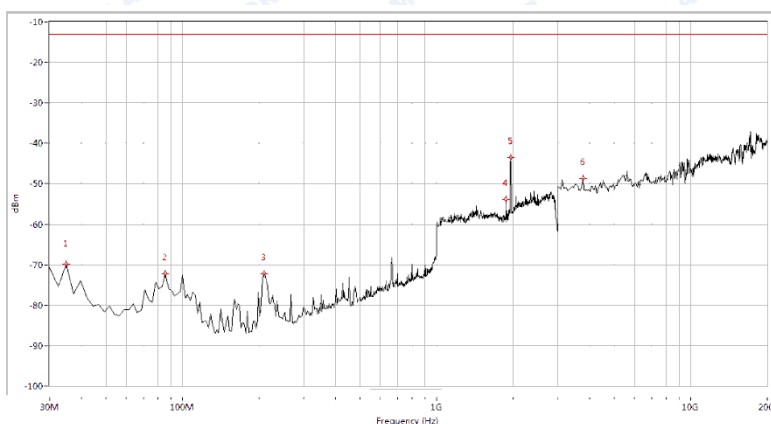
| Fre. (MHz) | Peak   | Limit(PK) | Margin | Degree | Antenna  | Verdict |
|------------|--------|-----------|--------|--------|----------|---------|
| 85.636     | -73.39 | -13.0     | 60.4   | 160.7  | Vertical | PASS    |
| 211.421    | -76.89 | -13.0     | 63.9   | 218.3  | Vertical | PASS    |
| 799.227    | -68.78 | -13.0     | 55.8   | 277.2  | Vertical | PASS    |
| 1957.606   | -43.03 | -13.0     | 30.0   | 264.6  | Vertical | N.A     |
| 5374.065   | -48.03 | -13.0     | 35.0   | 342.5  | Vertical | PASS    |
| 15718.204  | -38.86 | -13.0     | 25.9   | 104.2  | Vertical | PASS    |



LTE Band 2 10MHz BW, Mid Channel, QPSK



| Fre. (MHz) | Peak   | Limit(PK) | Margin | Degree | Antenna    | Verdict |
|------------|--------|-----------|--------|--------|------------|---------|
| 100.150    | -71.76 | -13.0     | 58.8   | 360.0  | Horizontal | PASS    |
| 700.050    | -67.57 | -13.0     | 54.6   | 74.5   | Horizontal | PASS    |
| 1872.818   | -51.94 | -13.0     | 38.9   | 297.2  | Horizontal | N.A     |
| 1957.606   | -39.85 | -13.0     | 26.9   | 127.3  | Horizontal | N.A     |
| 3763.092   | -42.97 | -13.0     | 30.0   | 268.1  | Horizontal | PASS    |
| 5628.429   | -42.59 | -13.0     | 29.6   | -0.0   | Horizontal | PASS    |



| Fre. (MHz) | Peak   | Limit(PK) | Margin | Degree | Antenna  | Verdict |
|------------|--------|-----------|--------|--------|----------|---------|
| 34.838     | -69.96 | -13.0     | 57.0   | 256.1  | Vertical | PASS    |
| 85.636     | -72.20 | -13.0     | 59.2   | 271.0  | Vertical | PASS    |
| 209.002    | -72.25 | -13.0     | 59.2   | 54.4   | Vertical | PASS    |
| 1872.818   | -53.87 | -13.0     | 40.9   | 205.5  | Vertical | N.A     |
| 1957.606   | -43.58 | -13.0     | 30.6   | 222.2  | Vertical | N.A     |
| 3763.092   | -48.59 | -13.0     | 35.6   | -0.0   | Vertical | PASS    |