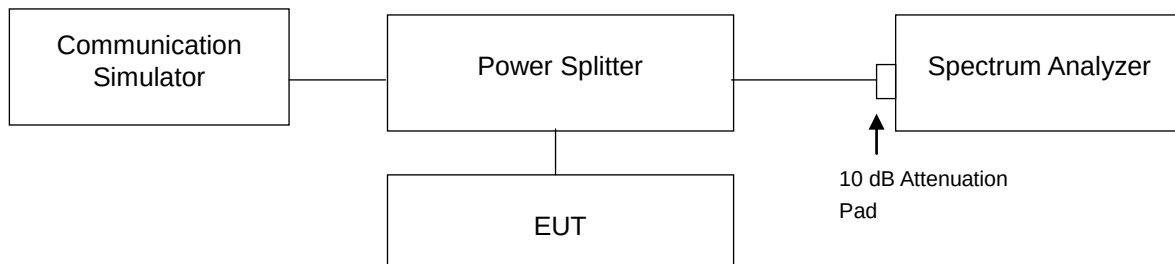


## 4.7 Conducted Spurious Emissions

### 4.7.1 Limits of Conducted Spurious Emissions Measurement

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least  $43 + 10 \log (P)$  dB. The limit of emission is equal to -13 dBm.

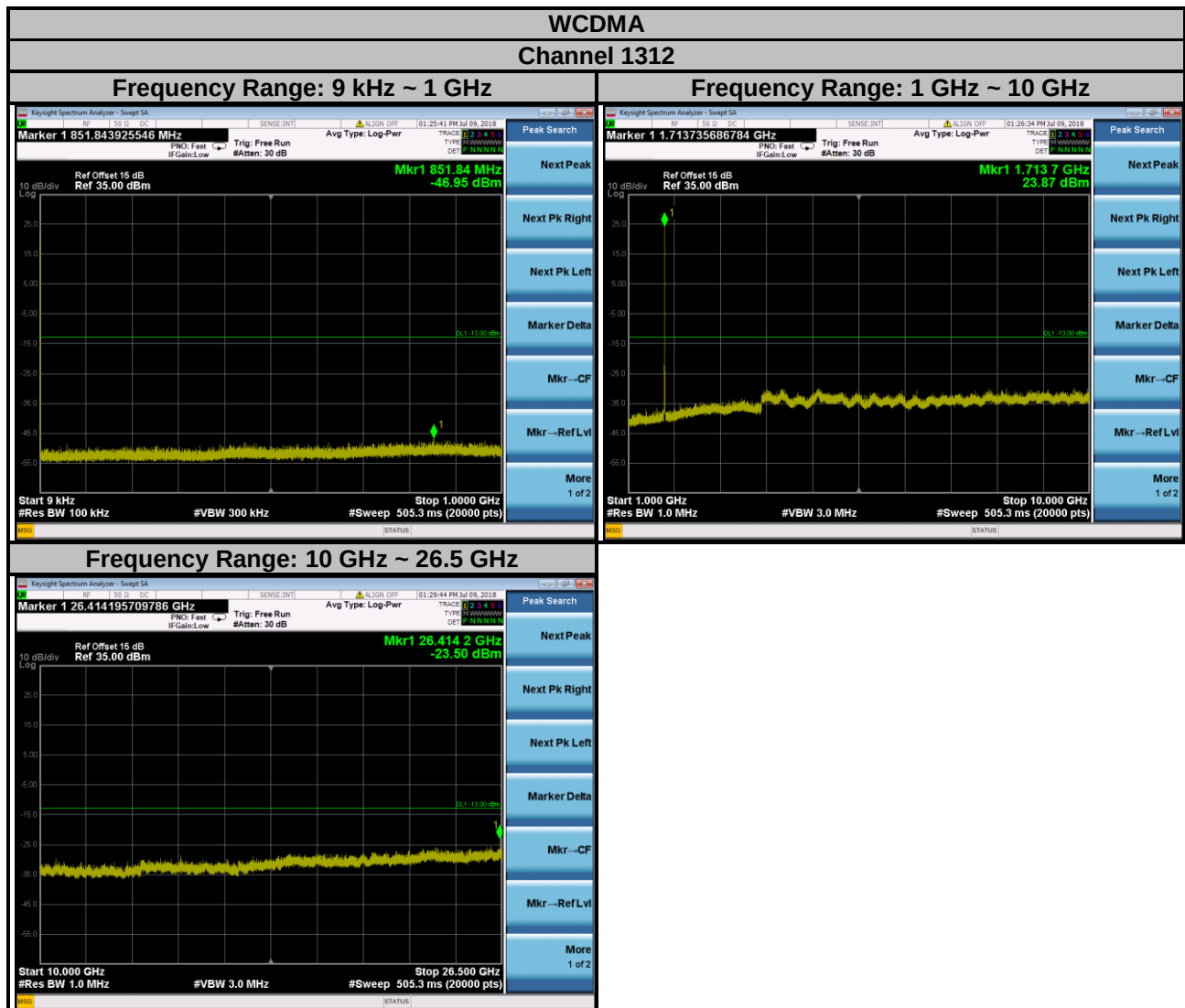
### 4.7.2 Test Setup



### 4.7.3 Test Procedure

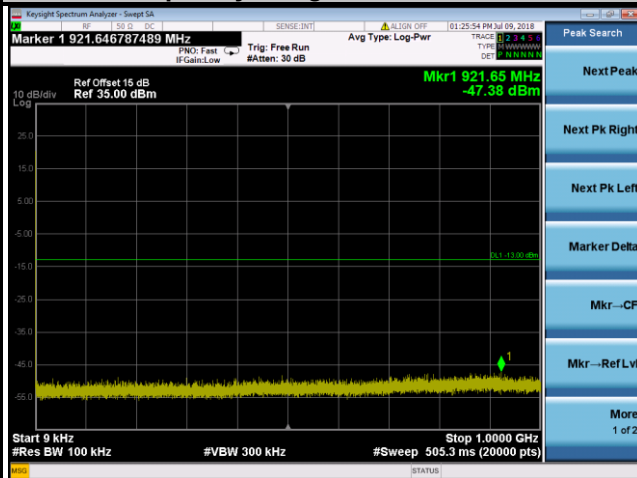
- The EUT makes a phone call to the communication simulator. All measurements were done at low, middle and high operational frequency range.
- Measuring frequency range from 9 kHz to 1 GHz, 10 dB attenuation pad is connected with spectrum. RBW = 100 kHz and VBW = 300 kHz is used for conducted emission measurement.
- Measuring frequency range is from 1 GHz to 26.5 GHz / 27 GHz, 10 dB attenuation pad is connected with spectrum. RBW = 1 MHz and VBW = 3 MHz is used for conducted emission measurement.

#### 4.7.4 Test Results

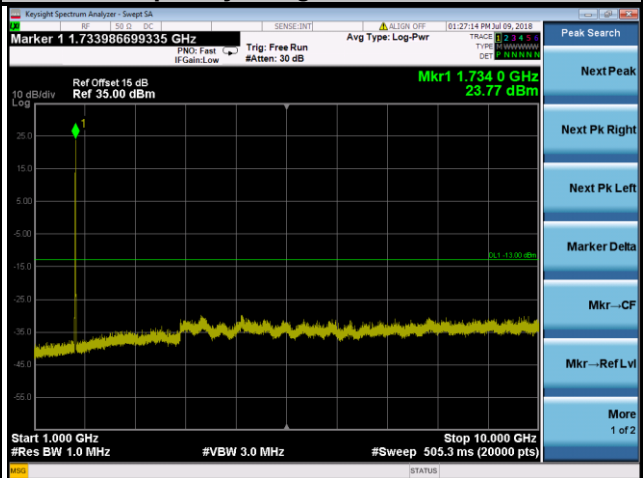


## WCDMA Channel 1413

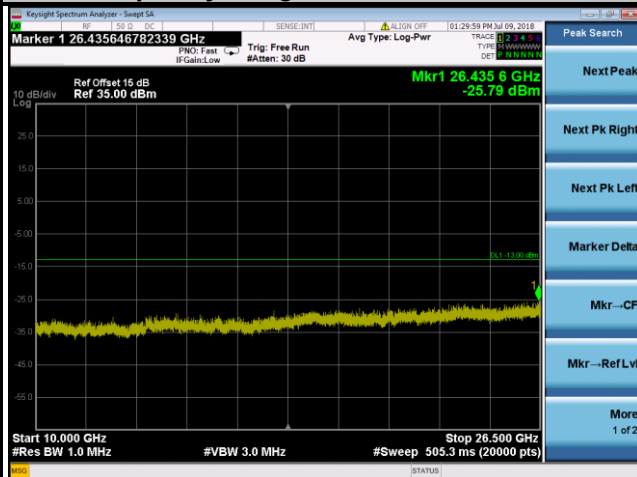
### Frequency Range: 9 kHz ~ 1 GHz



### Frequency Range: 1 GHz ~ 10 GHz

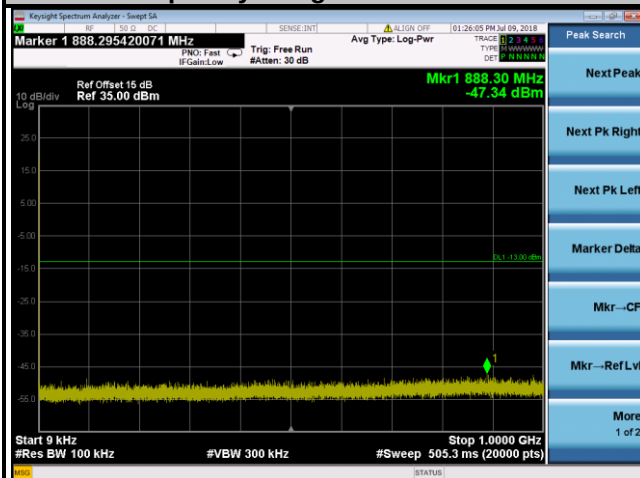


### Frequency Range: 10 GHz ~ 26.5 GHz

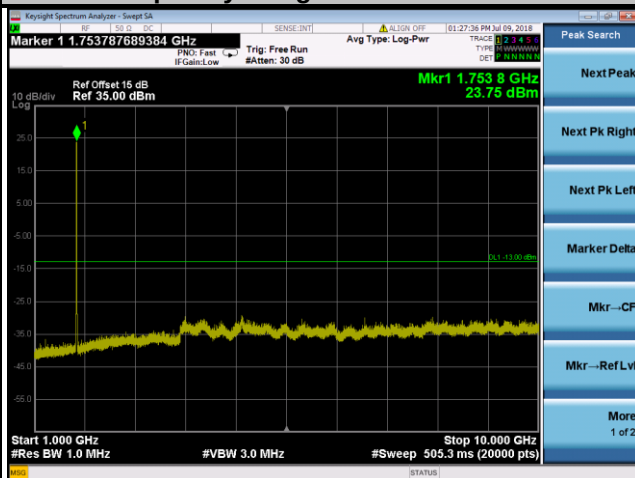


## WCDMA Channel 1513

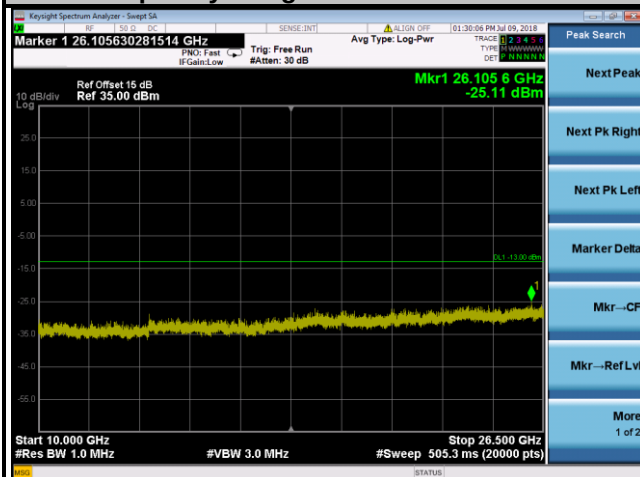
### Frequency Range: 9 kHz ~ 1 GHz



### Frequency Range: 1 GHz ~ 10 GHz



### Frequency Range: 10 GHz ~ 26.5 GHz

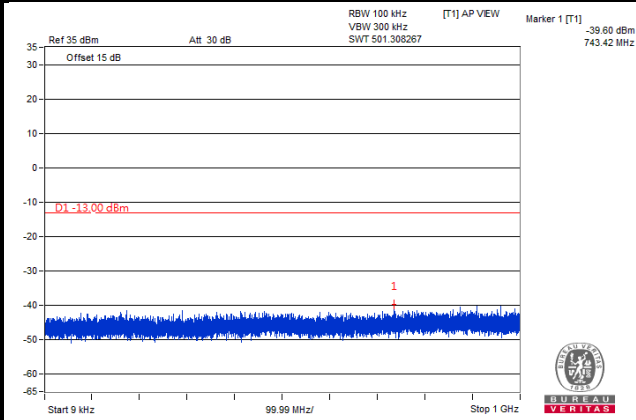


# LTE Band 4

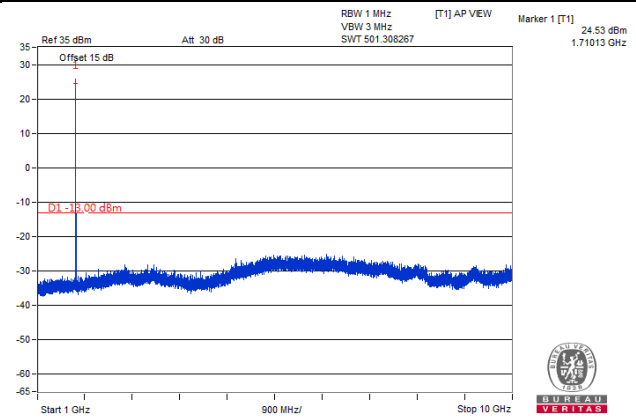
Channel Bandwidth: 1.4 MHz

Channel 19957

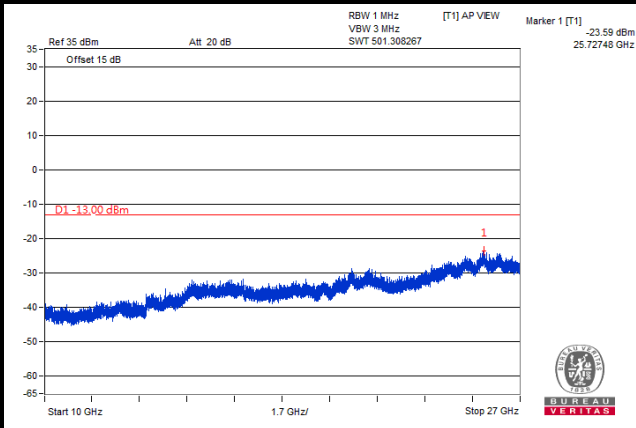
## Frequency Range: 9 kHz ~ 1 GHz



## Frequency Range: 1 GHz ~ 10 GHz



## Frequency Range: 10 GHz ~ 27 GHz

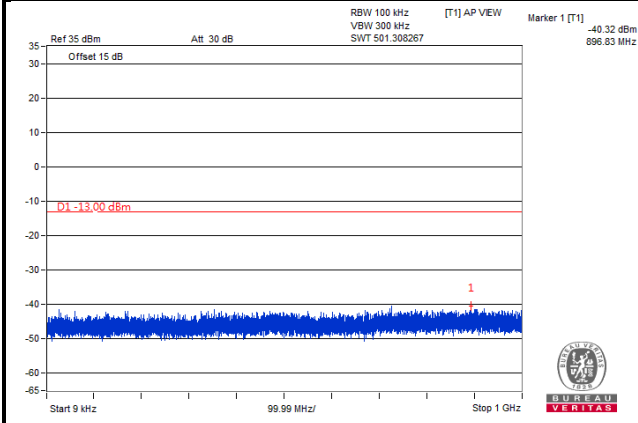


# LTE Band 4

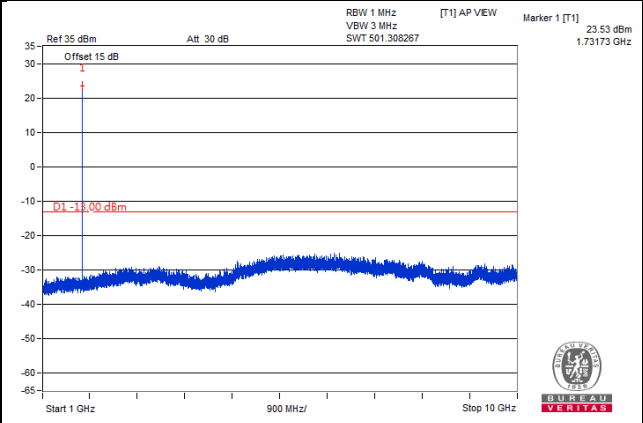
Channel Bandwidth: 1.4 MHz

Channel 20175

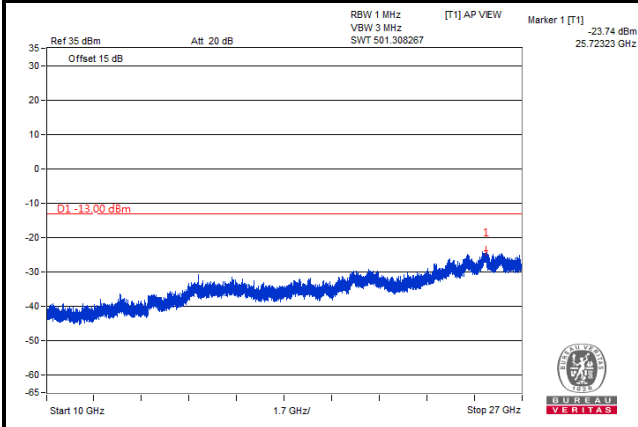
Frequency Range: 9 kHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz



Frequency Range: 10 GHz ~ 27 GHz

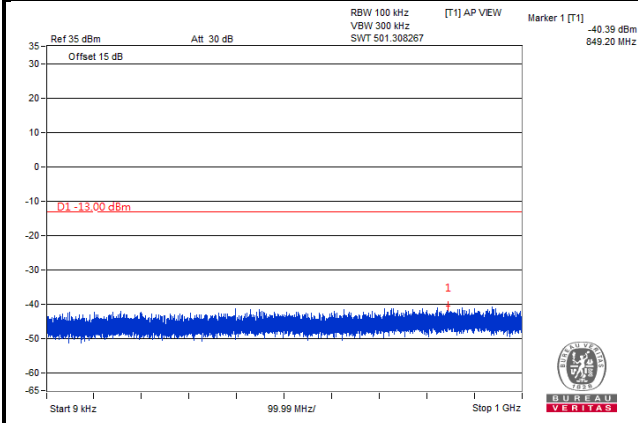


## LTE Band 4

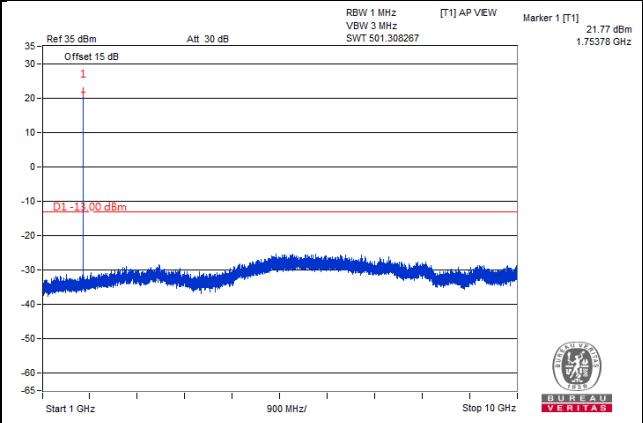
Channel Bandwidth: 1.4 MHz

Channel 20393

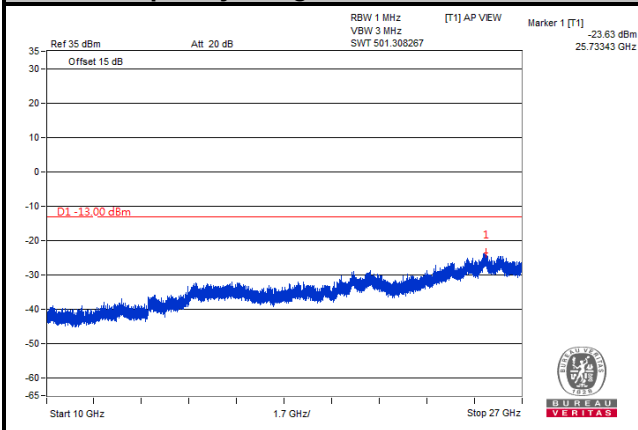
Frequency Range: 9 kHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz



Frequency Range: 10 GHz ~ 27 GHz

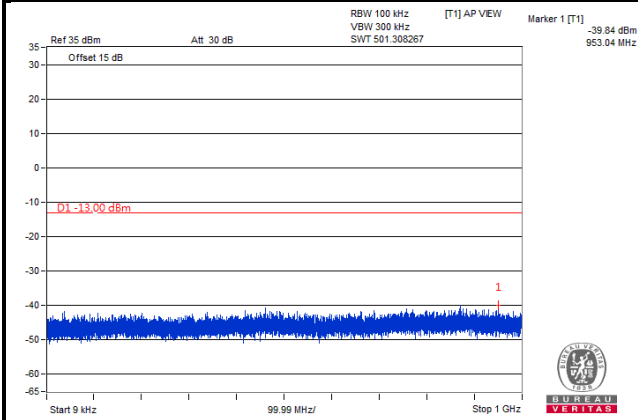


# LTE Band 4

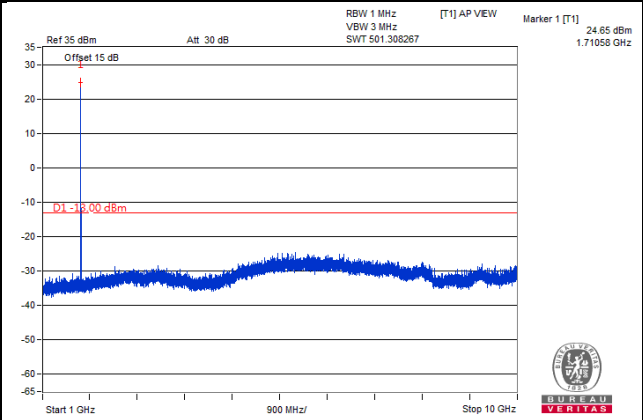
Channel Bandwidth: 3 MHz

Channel 19965

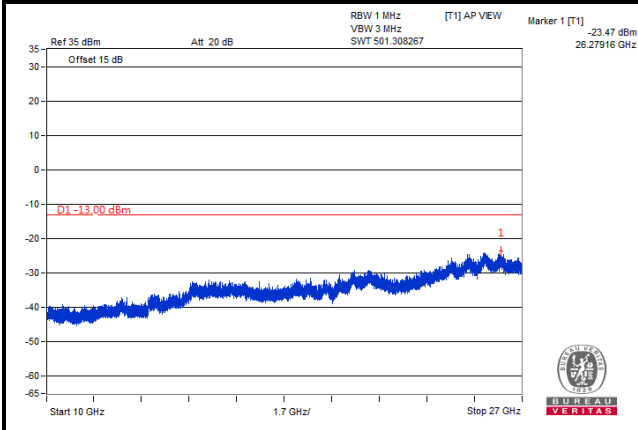
## Frequency Range: 9 kHz ~ 1 GHz



## Frequency Range: 1 GHz ~ 10 GHz



## Frequency Range: 10 GHz ~ 27 GHz

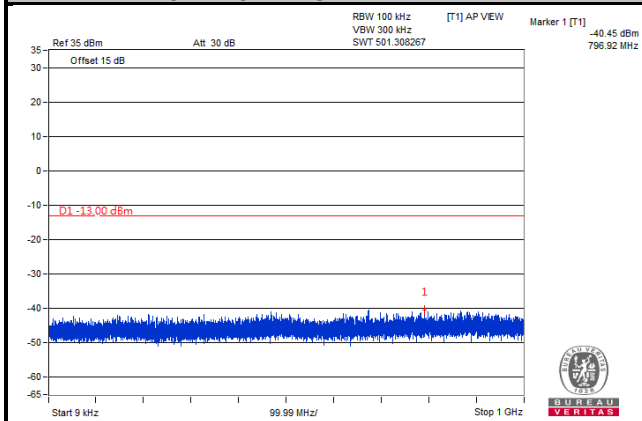


# LTE Band 4

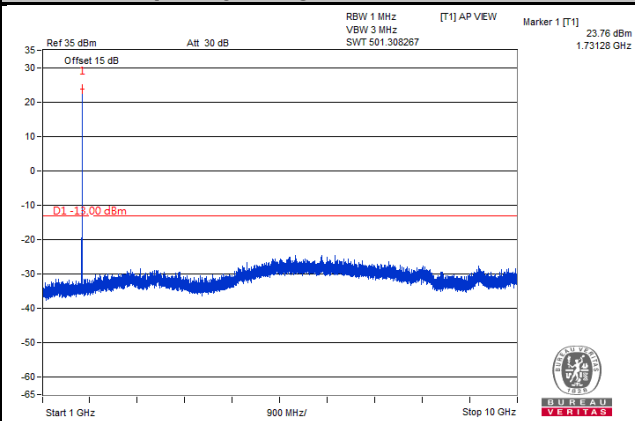
Channel Bandwidth: 3 MHz

Channel 20175

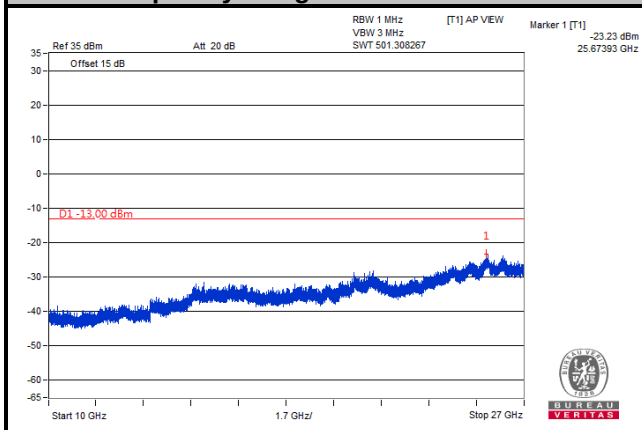
Frequency Range: 9 kHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz



Frequency Range: 10 GHz ~ 27 GHz

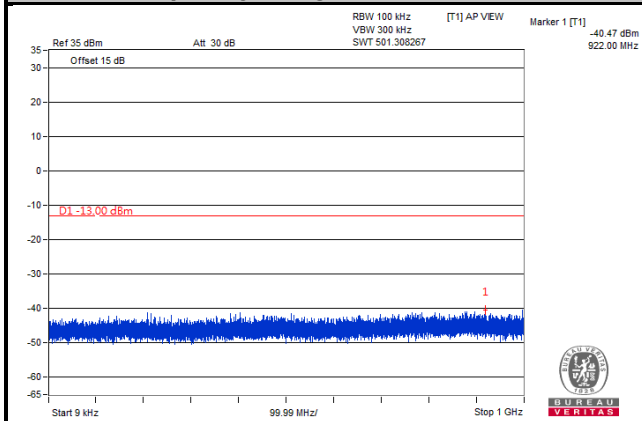


# LTE Band 4

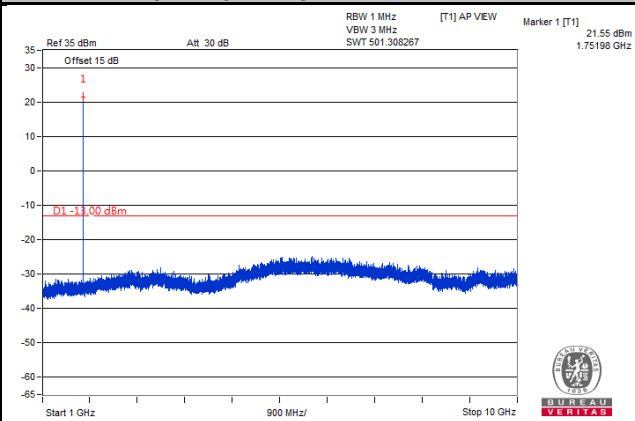
Channel Bandwidth: 3 MHz

Channel 20385

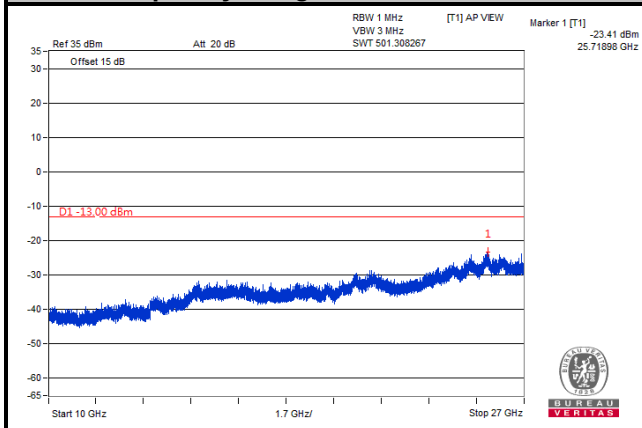
Frequency Range: 9 kHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz



Frequency Range: 10 GHz ~ 27 GHz

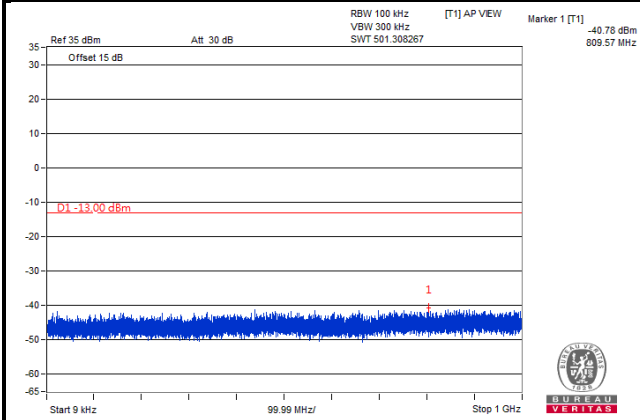


## LTE Band 4

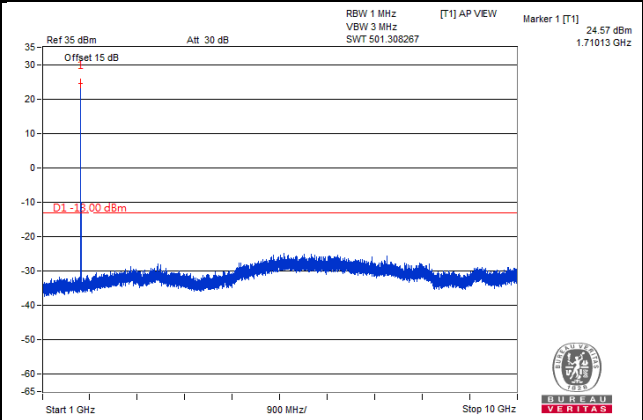
Channel Bandwidth: 5 MHz

Channel 19975

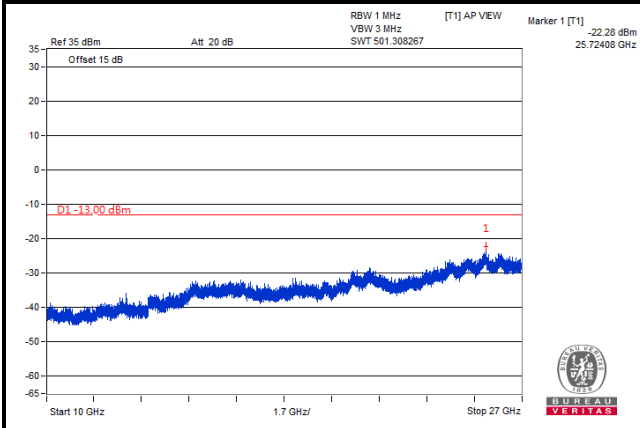
### Frequency Range: 9 kHz ~ 1 GHz



### Frequency Range: 1 GHz ~ 10 GHz



### Frequency Range: 10 GHz ~ 27 GHz

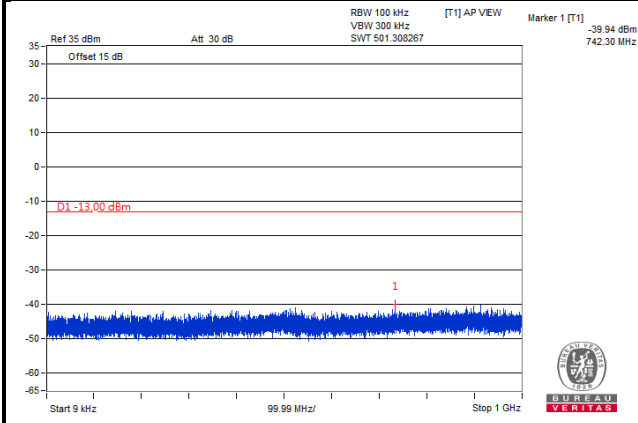


# LTE Band 4

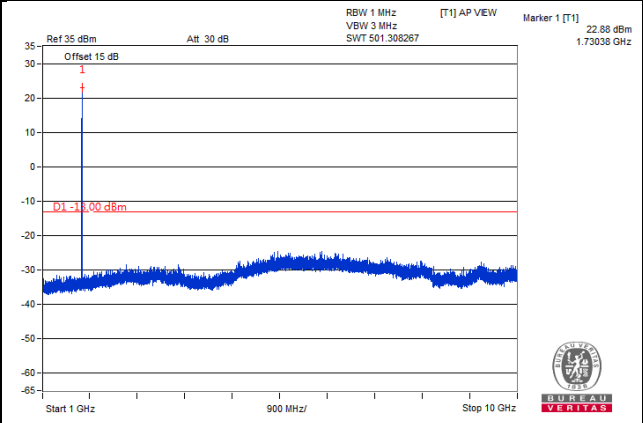
Channel Bandwidth: 5 MHz

Channel 20175

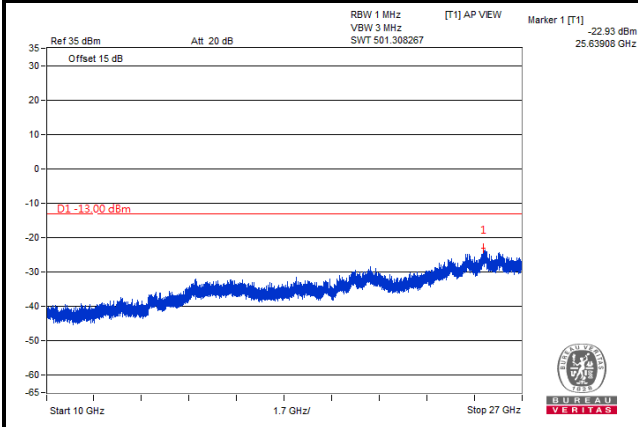
Frequency Range: 9 kHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz



Frequency Range: 10 GHz ~ 27 GHz

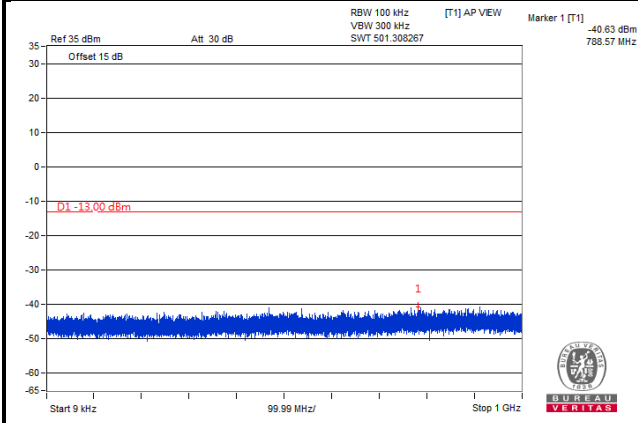


# LTE Band 4

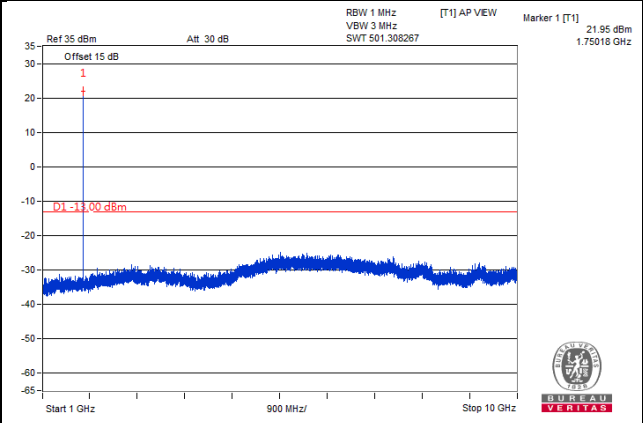
Channel Bandwidth: 5 MHz

Channel 20375

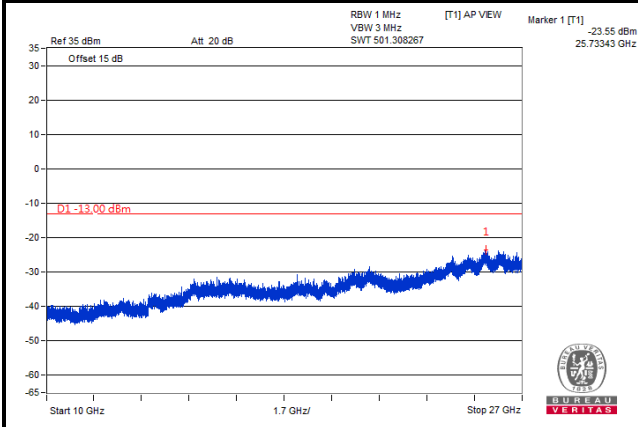
Frequency Range: 9 kHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz



Frequency Range: 10 GHz ~ 27 GHz

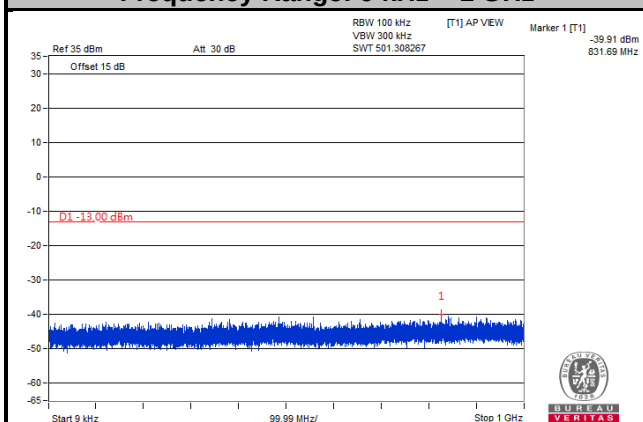


# LTE Band 4

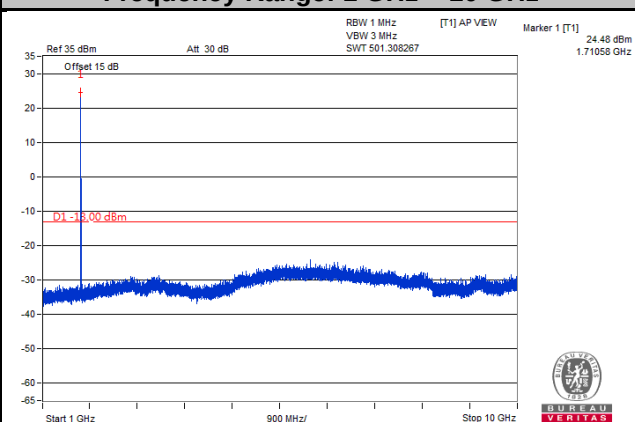
Channel Bandwidth: 10 MHz

Channel 20000

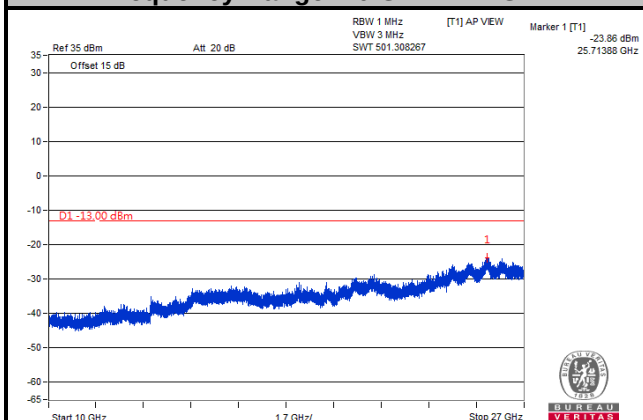
## Frequency Range: 9 kHz ~ 1 GHz



## Frequency Range: 1 GHz ~ 10 GHz



## Frequency Range: 10 GHz ~ 27 GHz

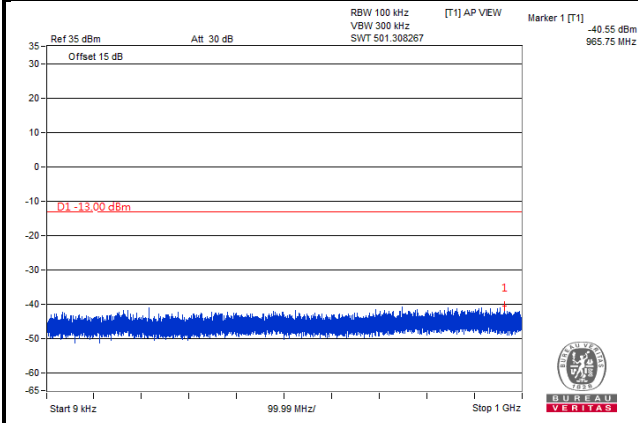


# LTE Band 4

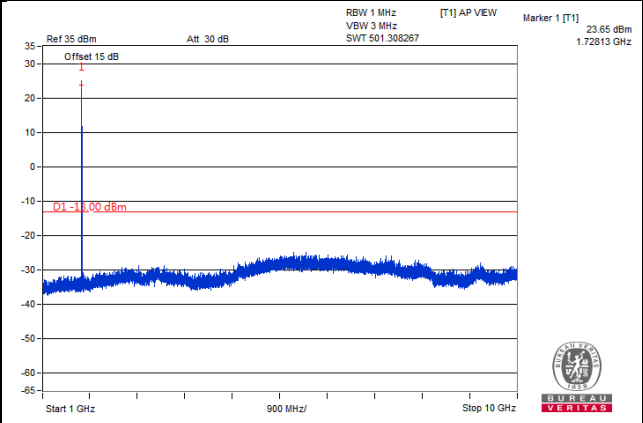
Channel Bandwidth: 10 MHz

Channel 20175

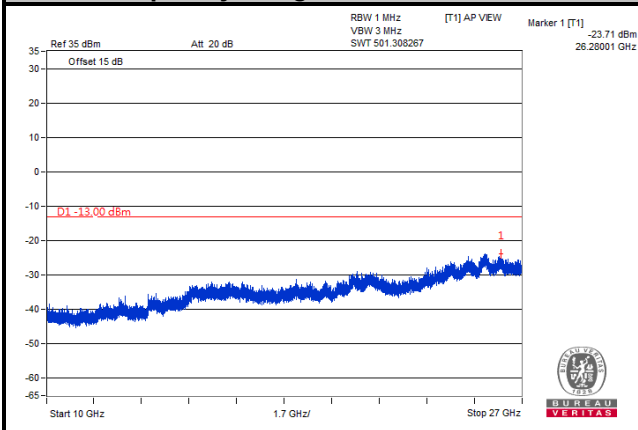
Frequency Range: 9 kHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz



Frequency Range: 10 GHz ~ 27 GHz

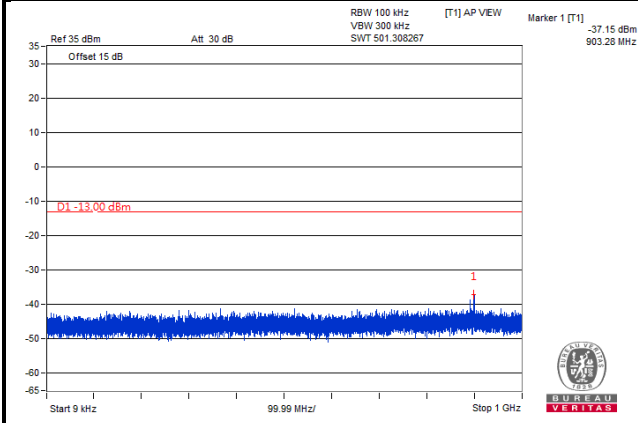


# LTE Band 4

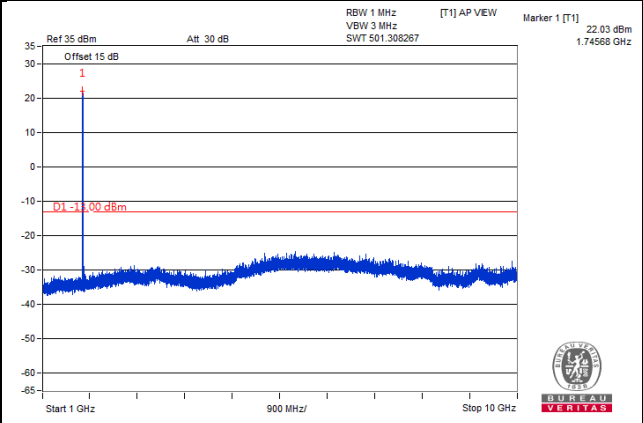
Channel Bandwidth: 10 MHz

Channel 20350

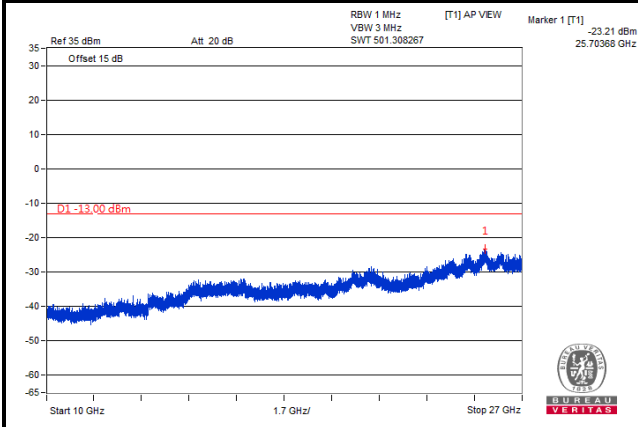
Frequency Range: 9 kHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz



Frequency Range: 10 GHz ~ 27 GHz

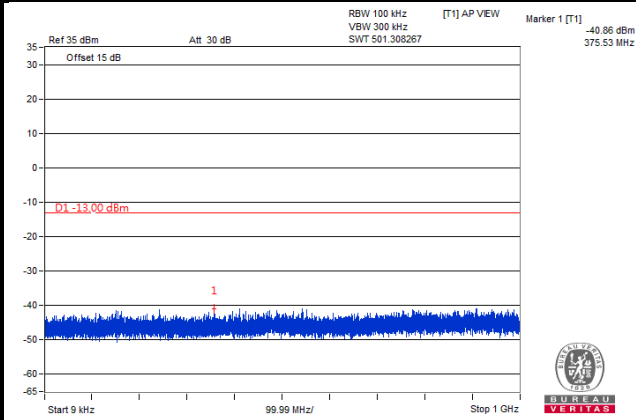


# LTE Band 4

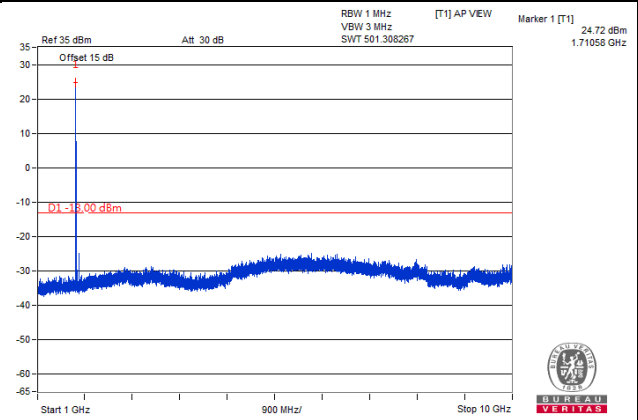
Channel Bandwidth: 15 MHz

Channel 20025

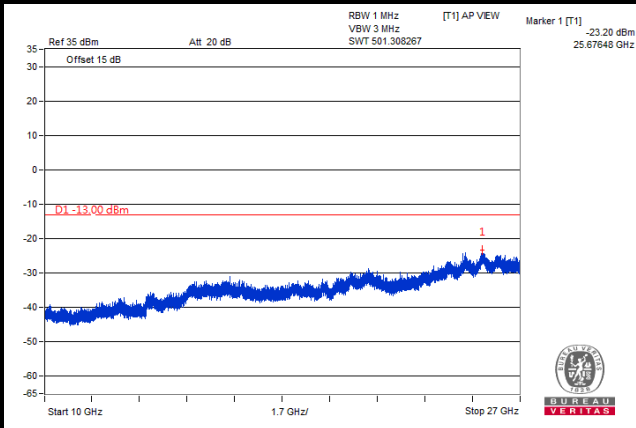
## Frequency Range: 9 kHz ~ 1 GHz



## Frequency Range: 1 GHz ~ 10 GHz



## Frequency Range: 10 GHz ~ 27 GHz

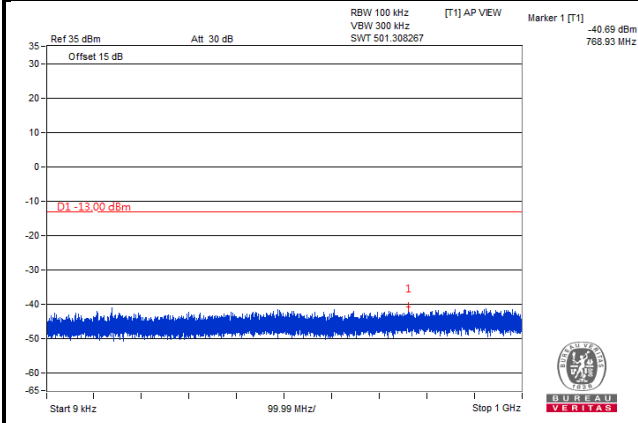


## LTE Band 4

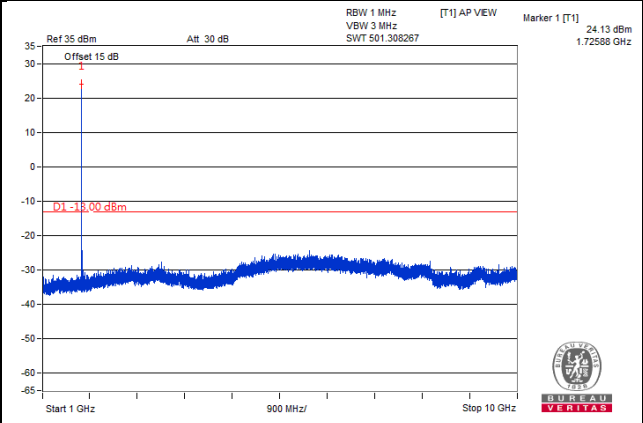
Channel Bandwidth: 15 MHz

Channel 20175

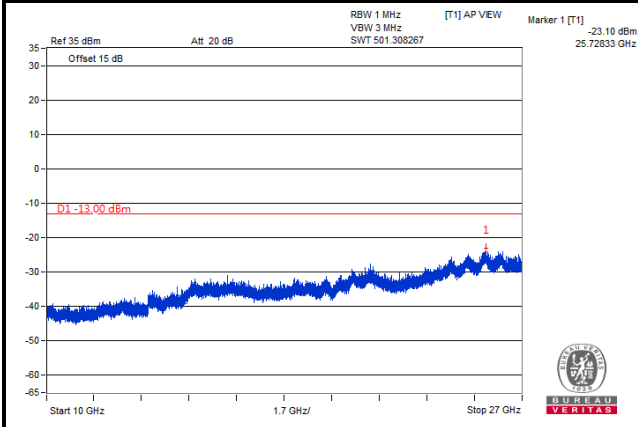
Frequency Range: 9 kHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz



Frequency Range: 10 GHz ~ 27 GHz

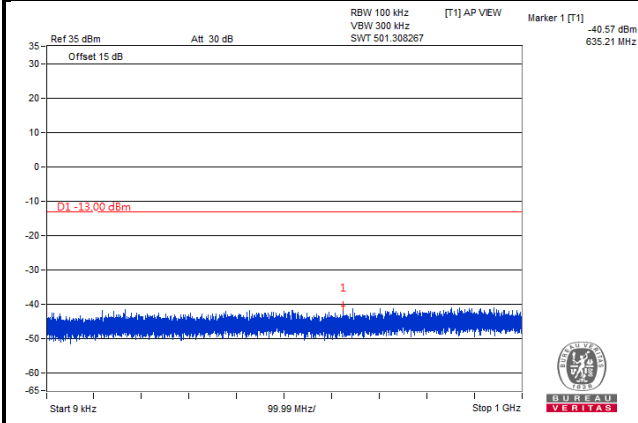


# LTE Band 4

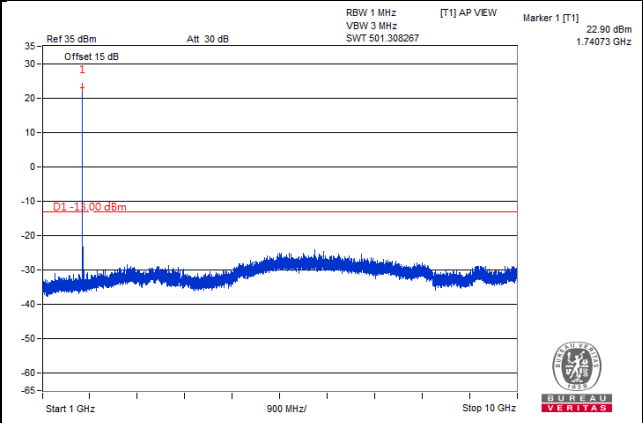
Channel Bandwidth: 15 MHz

Channel 20325

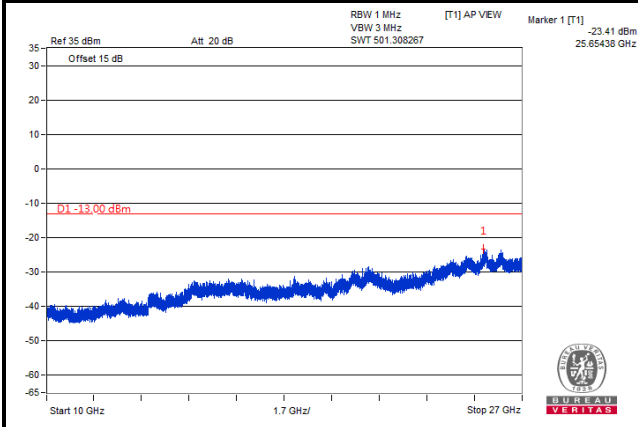
Frequency Range: 9 kHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz



Frequency Range: 10 GHz ~ 27 GHz

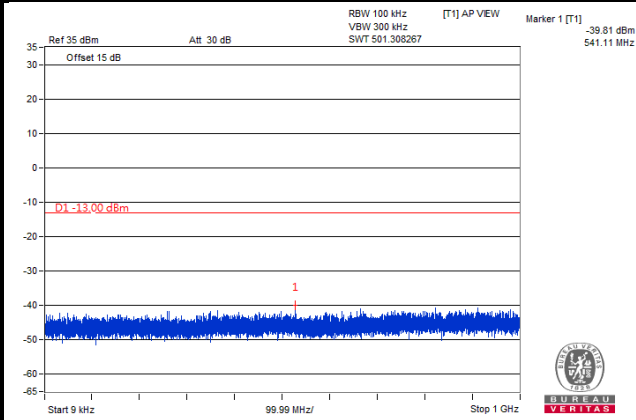


# LTE Band 4

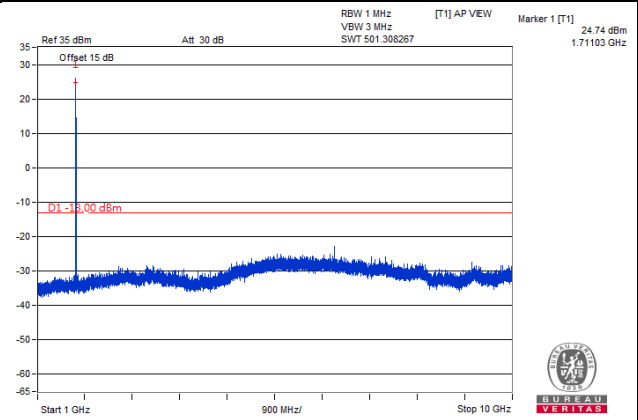
Channel Bandwidth: 20 MHz

Channel 20050

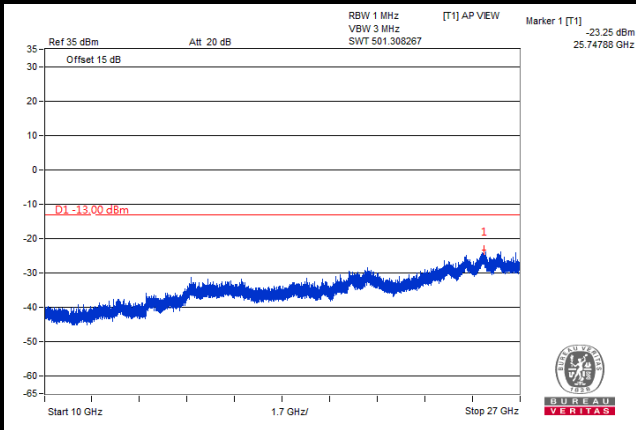
## Frequency Range: 9 kHz ~ 1 GHz



## Frequency Range: 1 GHz ~ 10 GHz



## Frequency Range: 10 GHz ~ 27 GHz

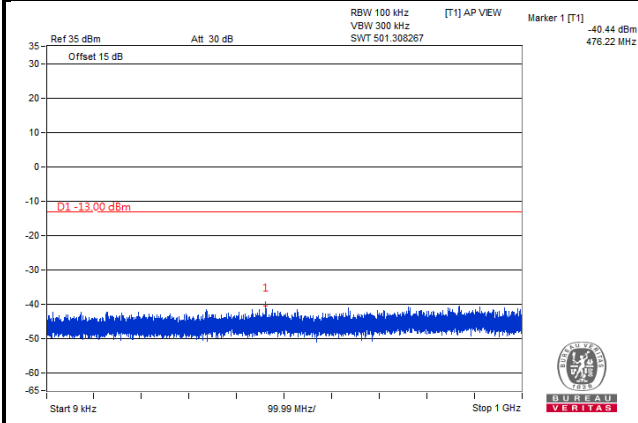


# LTE Band 4

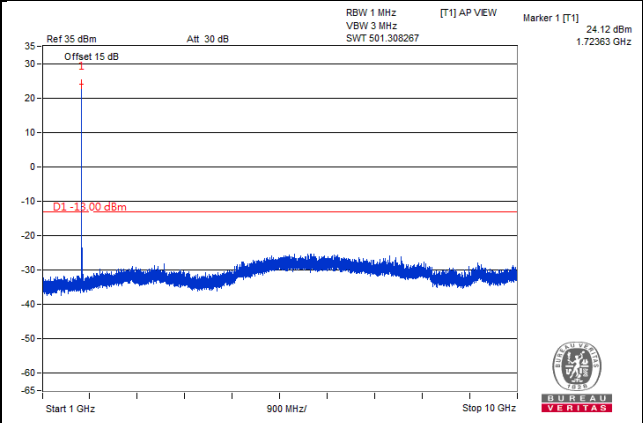
Channel Bandwidth: 20 MHz

Channel 20175

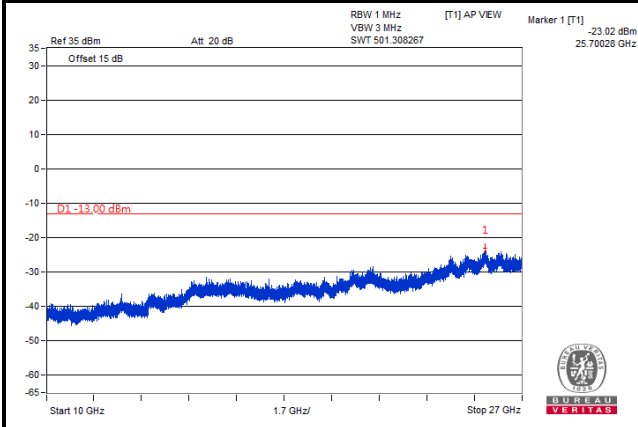
Frequency Range: 9 kHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz



Frequency Range: 10 GHz ~ 27 GHz

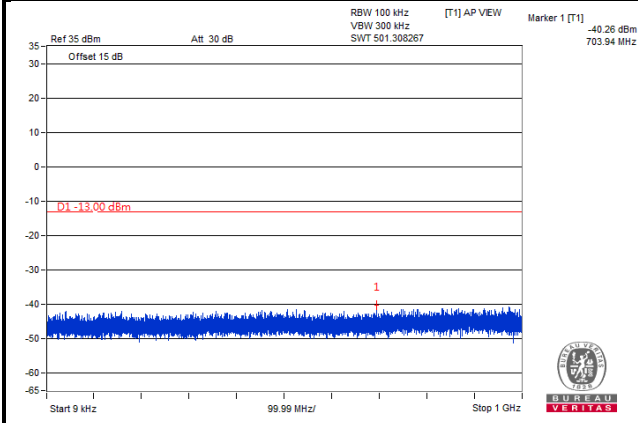


# LTE Band 4

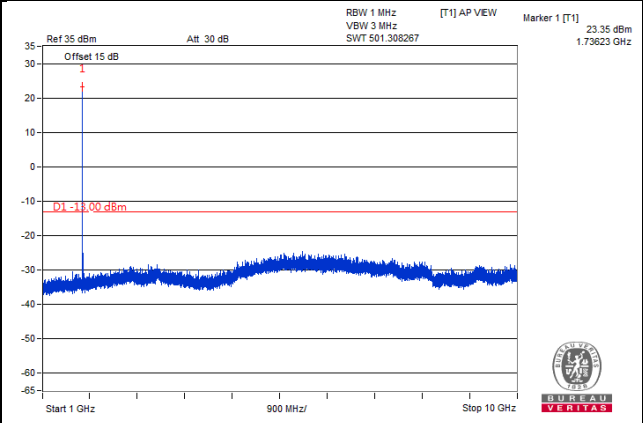
Channel Bandwidth: 20 MHz

Channel 20300

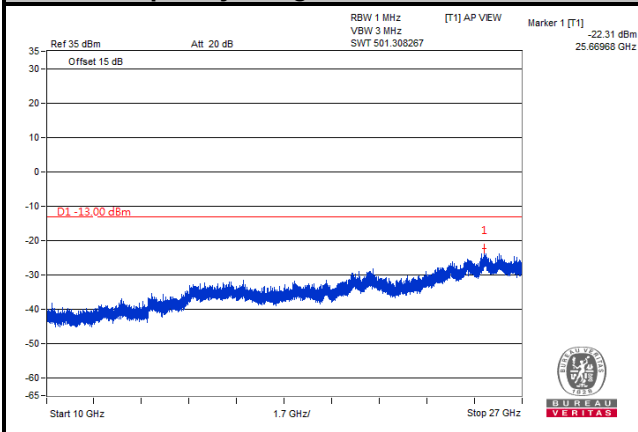
Frequency Range: 9 kHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz



Frequency Range: 10 GHz ~ 27 GHz

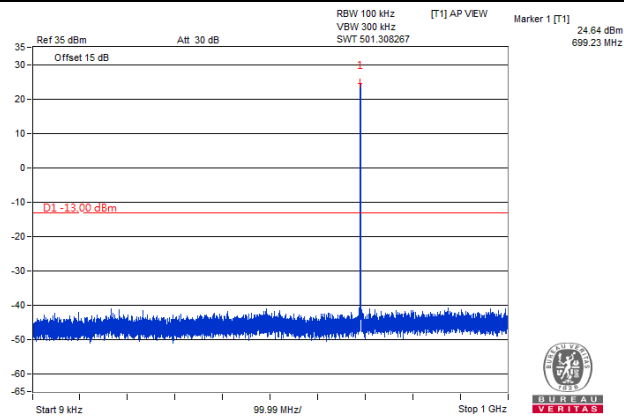


## LTE Band 12

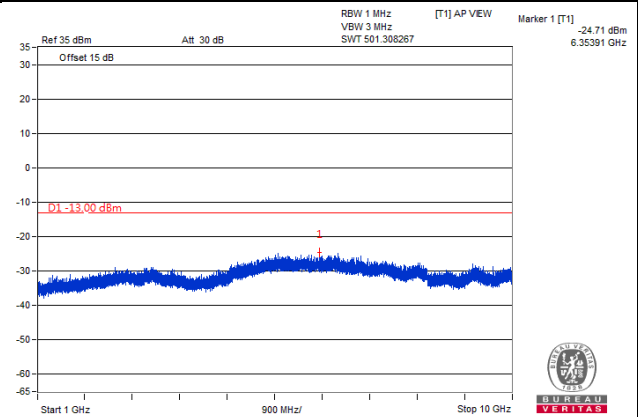
Channel Bandwidth: 1.4 MHz

Channel 23017

Frequency Range: 9 kHz ~ 1 GHz

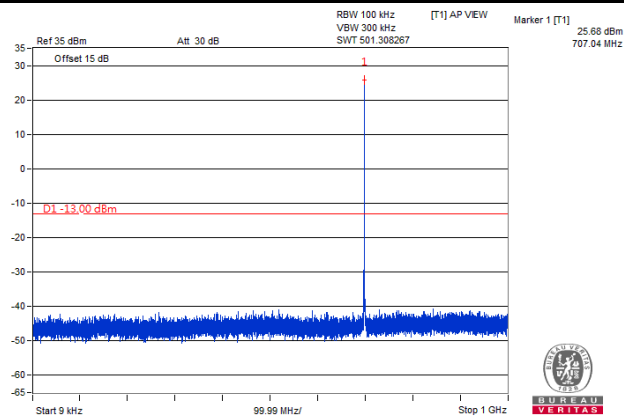


Frequency Range: 1 GHz ~ 10 GHz

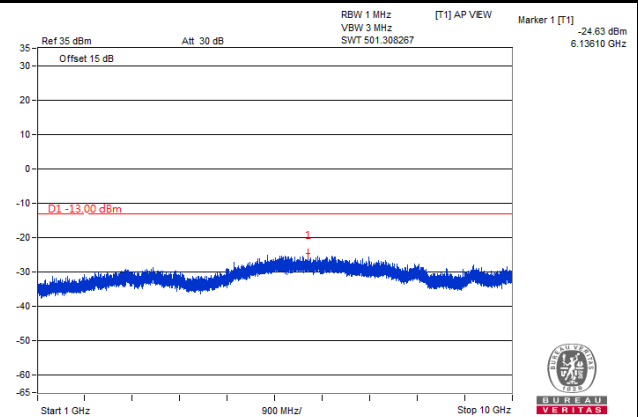


Channel 23095

Frequency Range: 9 kHz ~ 1 GHz

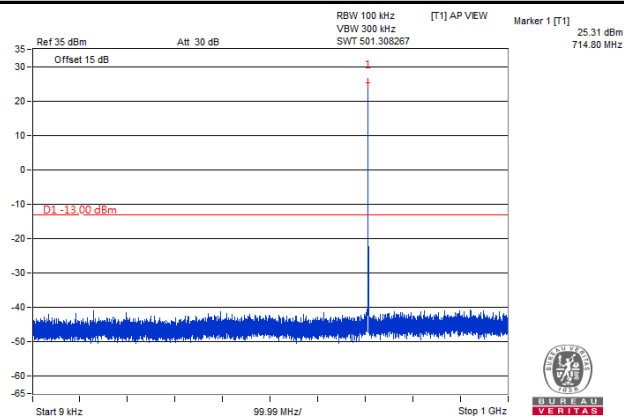


Frequency Range: 1 GHz ~ 10 GHz

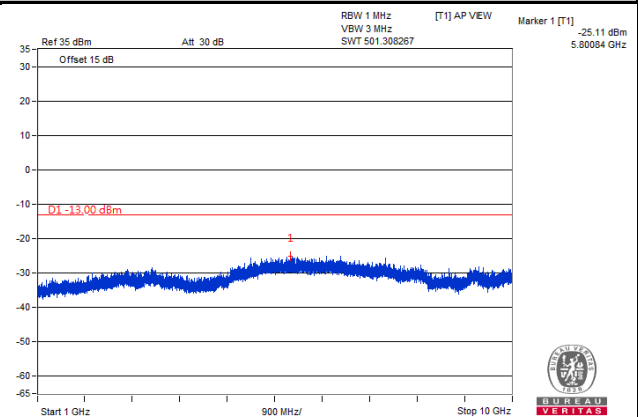


Channel 23173

Frequency Range: 9 kHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz

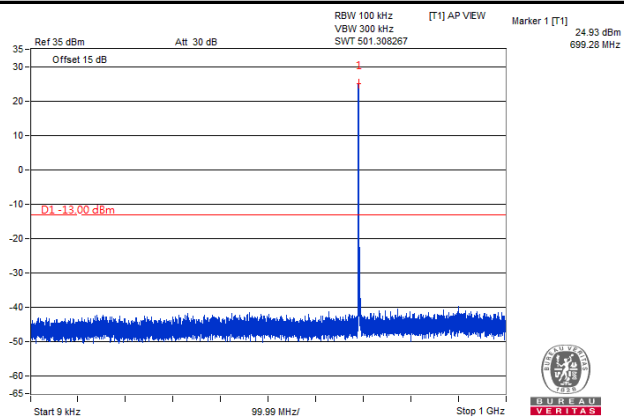


## LTE Band 12

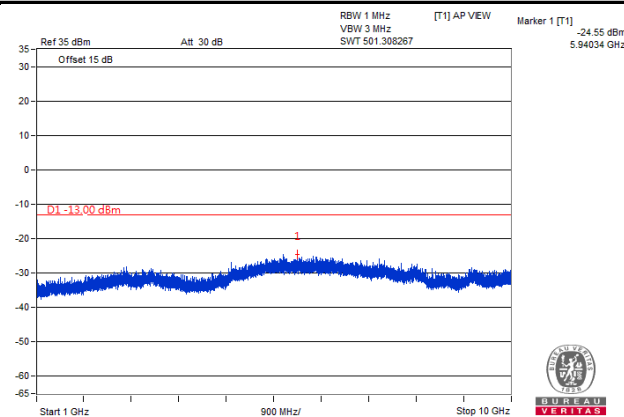
Channel Bandwidth: 3 MHz

Channel 23025

Frequency Range: 9 kHz ~ 1 GHz

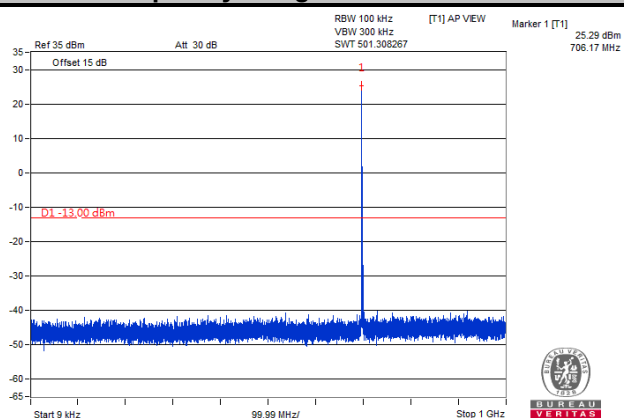


Frequency Range: 1 GHz ~ 10 GHz

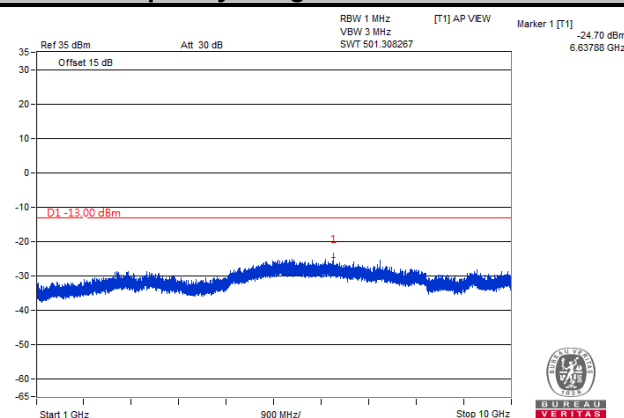


Channel 23095

Frequency Range: 9 kHz ~ 1 GHz

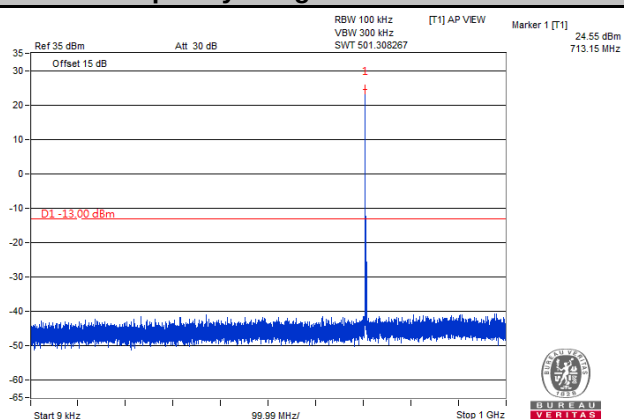


Frequency Range: 1 GHz ~ 10 GHz

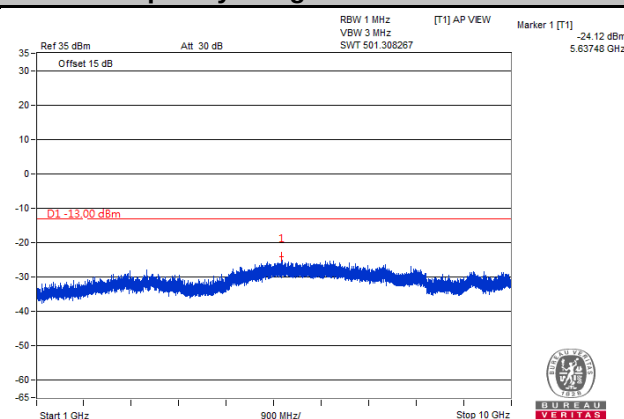


Channel 23165

Frequency Range: 9 kHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz

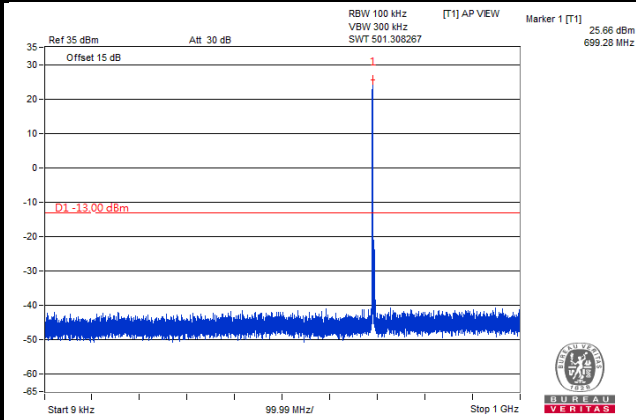


## LTE Band 12

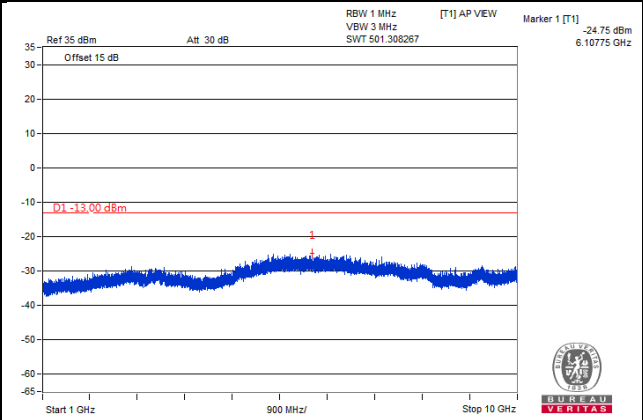
Channel Bandwidth: 5 MHz

Channel 23035

Frequency Range: 9 kHz ~ 1 GHz

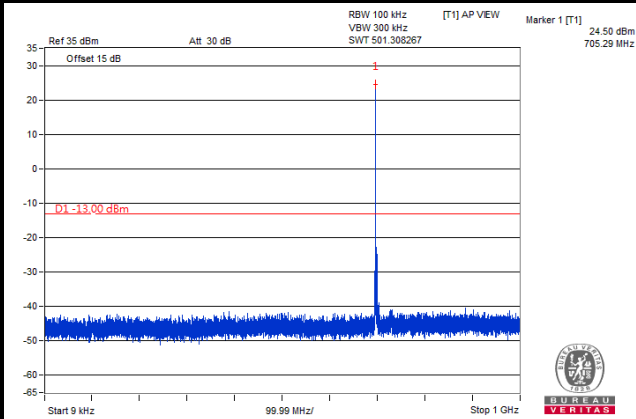


Frequency Range: 1 GHz ~ 10 GHz

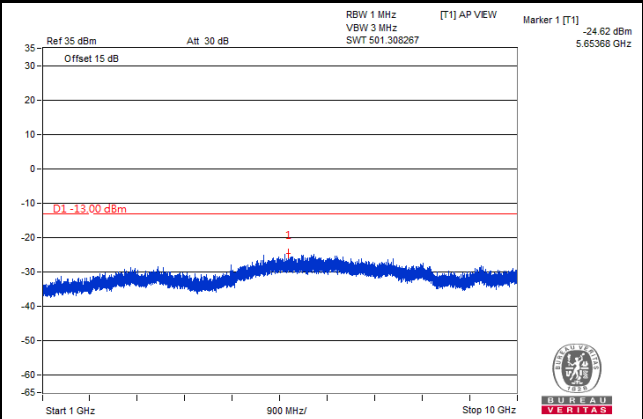


Channel 23095

Frequency Range: 9 kHz ~ 1 GHz

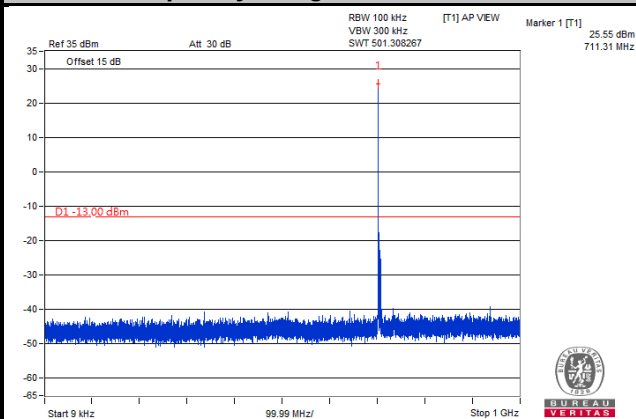


Frequency Range: 1 GHz ~ 10 GHz

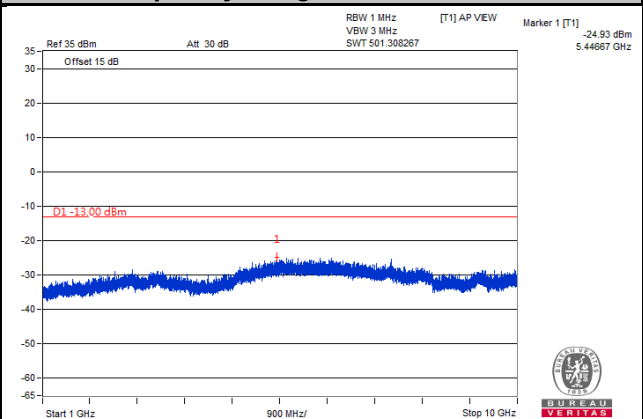


Channel 23155

Frequency Range: 9 kHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz

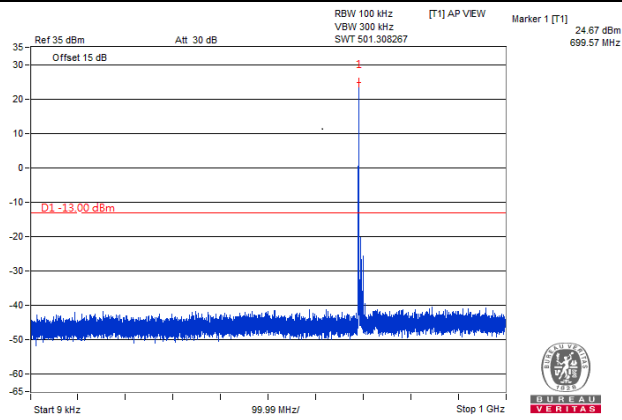


## LTE Band 12

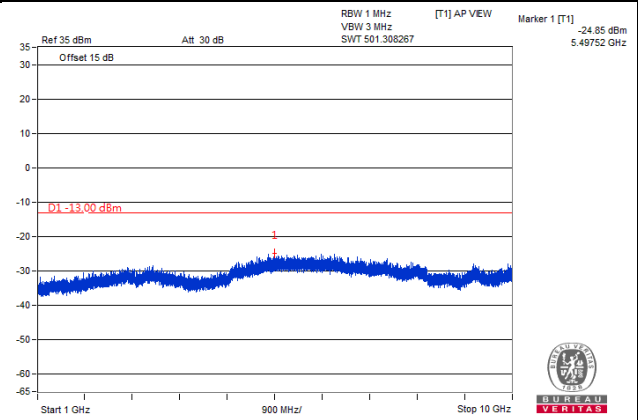
Channel Bandwidth: 10 MHz

Channel 23060

Frequency Range: 9 kHz ~ 1 GHz

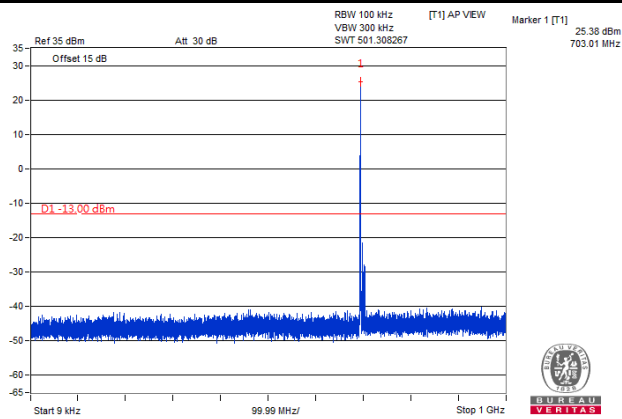


Frequency Range: 1 GHz ~ 10 GHz

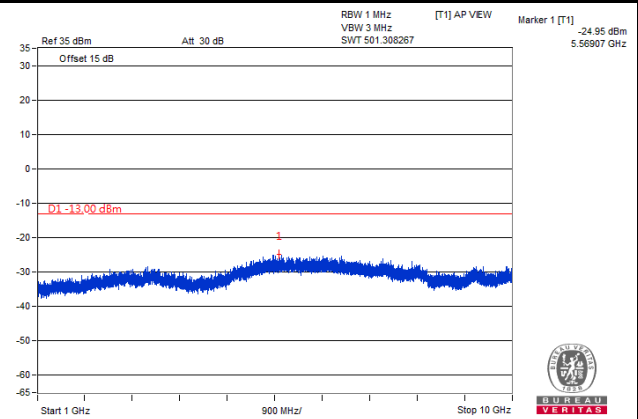


## Channel 23095

Frequency Range: 9 kHz ~ 1 GHz

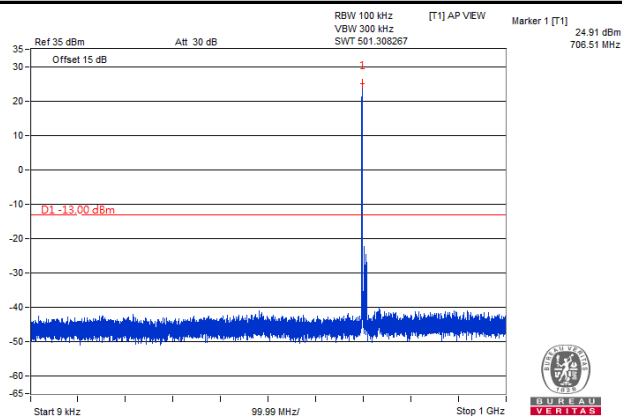


Frequency Range: 1 GHz ~ 10 GHz

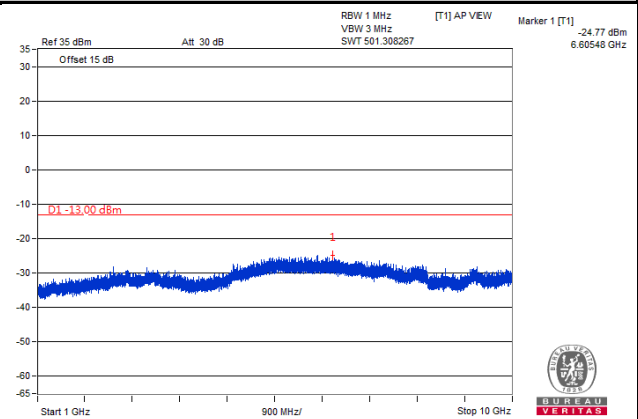


## Channel 23130

Frequency Range: 9 kHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz

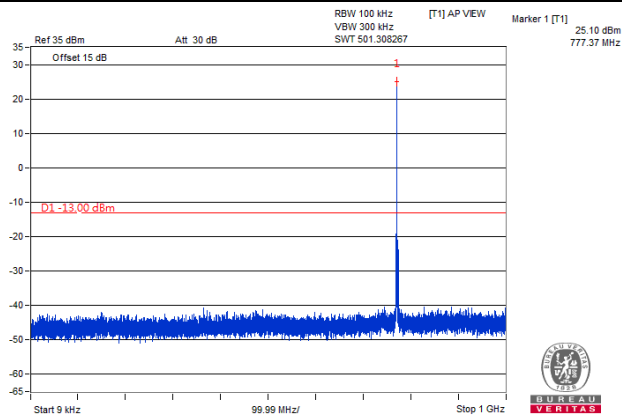


# LTE Band 13

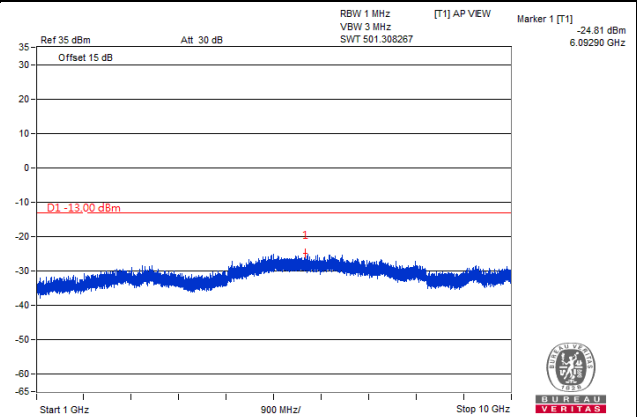
Channel Bandwidth: 5 MHz

Channel 23205

Frequency Range: 9 kHz ~ 1 GHz

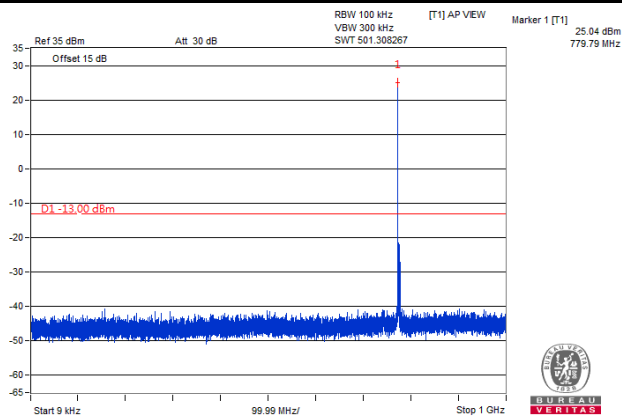


Frequency Range: 1 GHz ~ 10 GHz

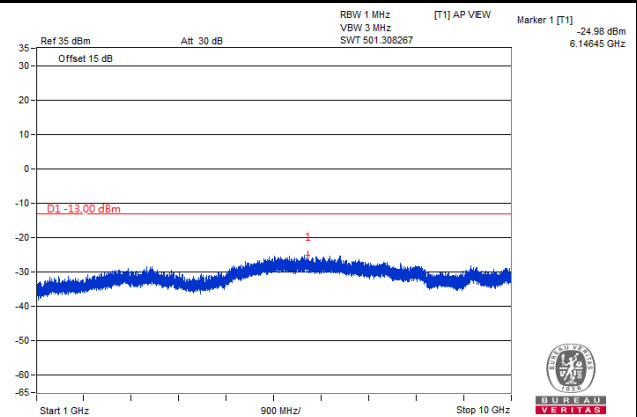


## Channel 23230

Frequency Range: 9 kHz ~ 1 GHz

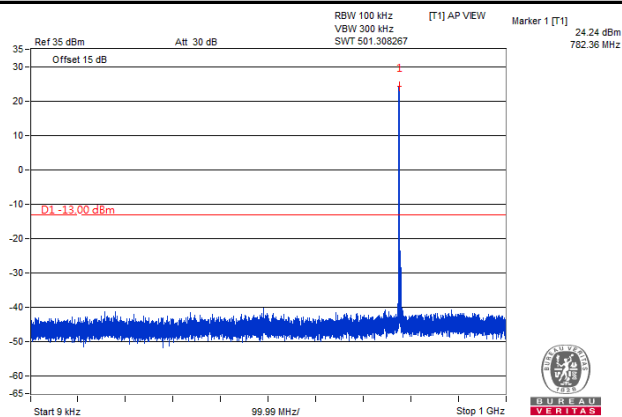


Frequency Range: 1 GHz ~ 10 GHz

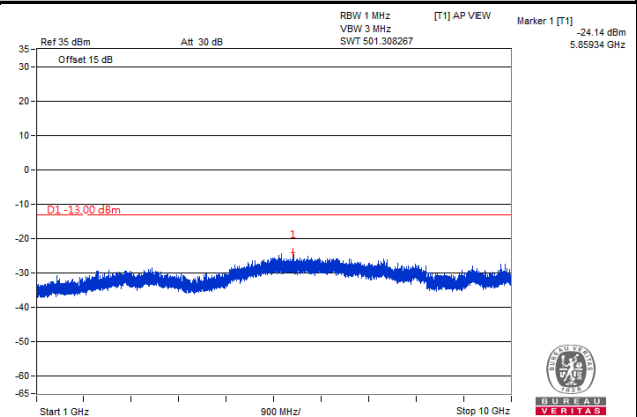


## Channel 23255

Frequency Range: 9 kHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz



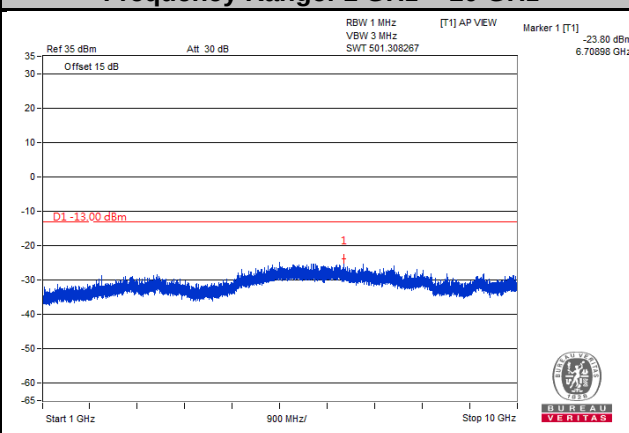
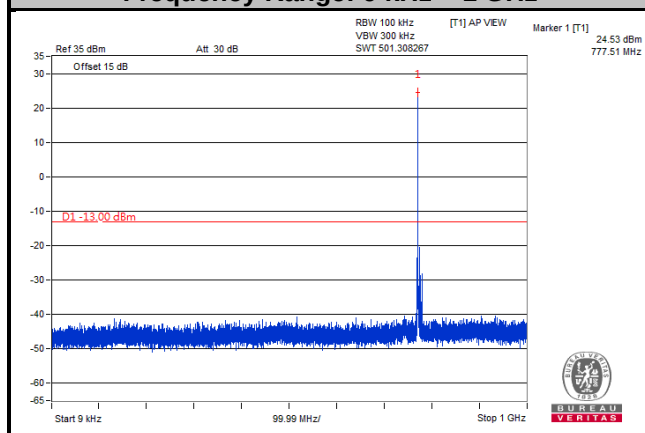
# LTE Band 13

Channel Bandwidth: 10 MHz

Channel 23230

Frequency Range: 9 kHz ~ 1 GHz

Frequency Range: 1 GHz ~ 10 GHz

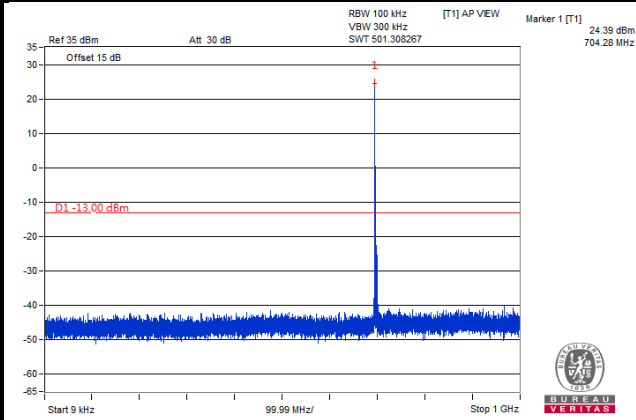


## LTE Band 17

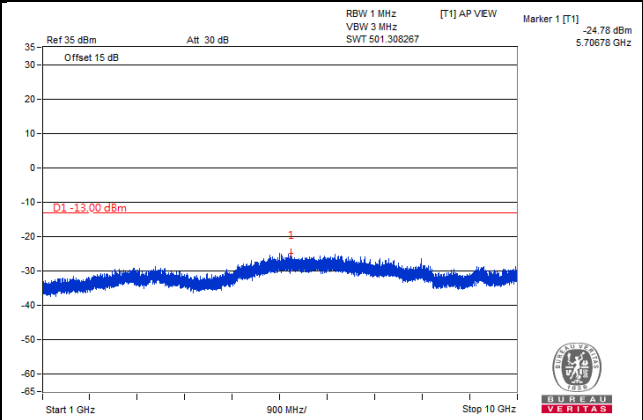
Channel Bandwidth: 5 MHz

Channel 23755

Frequency Range: 9 kHz ~ 1 GHz

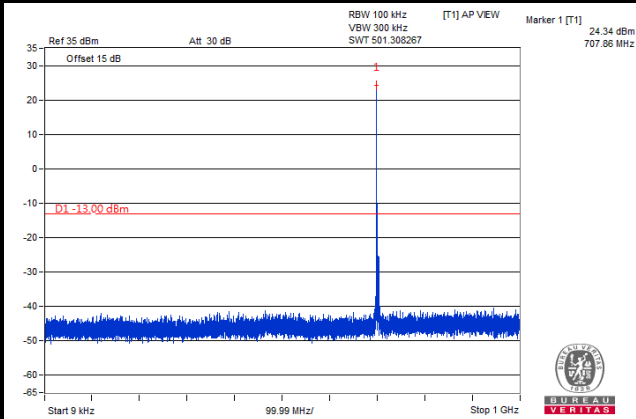


Frequency Range: 1 GHz ~ 10 GHz

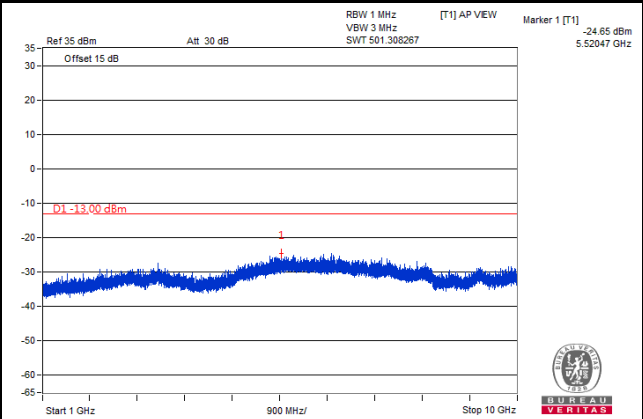


## Channel 23790

Frequency Range: 9 kHz ~ 1 GHz

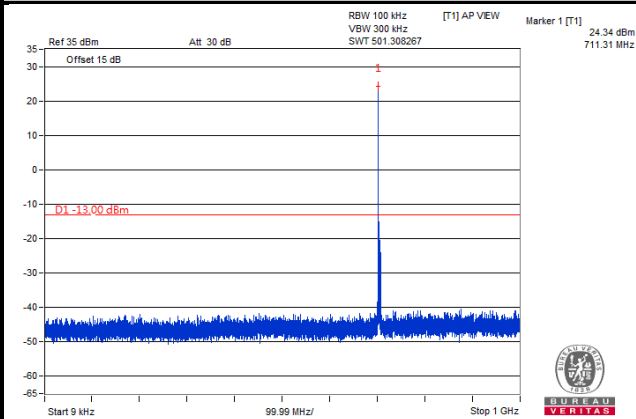


Frequency Range: 1 GHz ~ 10 GHz

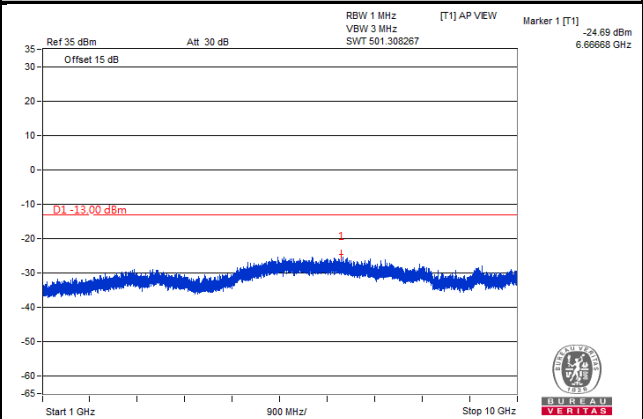


## Channel 23825

Frequency Range: 9 kHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz

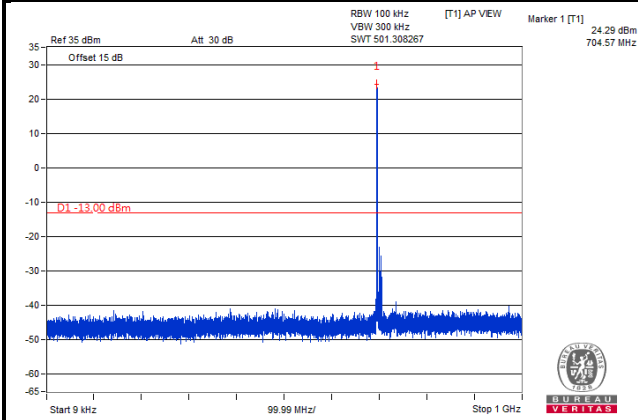


# LTE Band 17

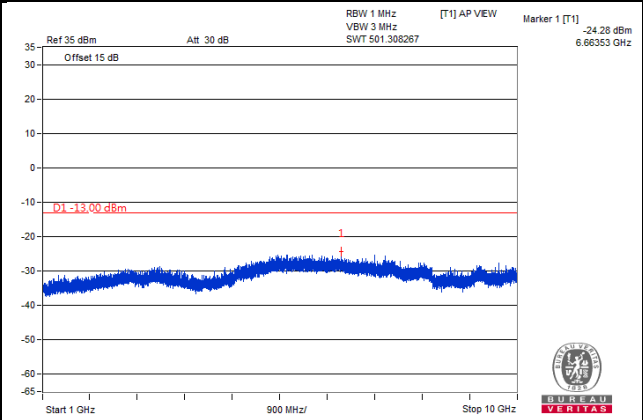
Channel Bandwidth: 10 MHz

Channel 23780

Frequency Range: 9 kHz ~ 1 GHz

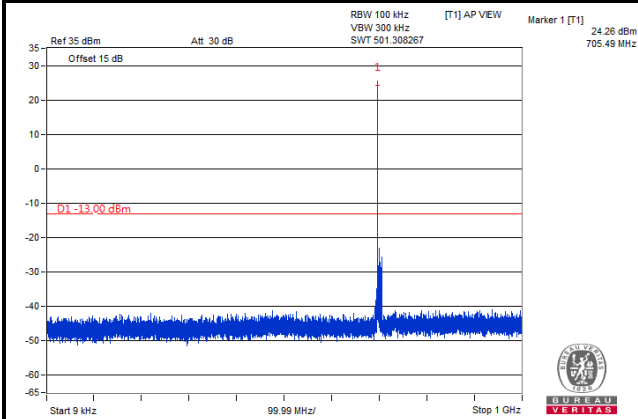


Frequency Range: 1 GHz ~ 10 GHz

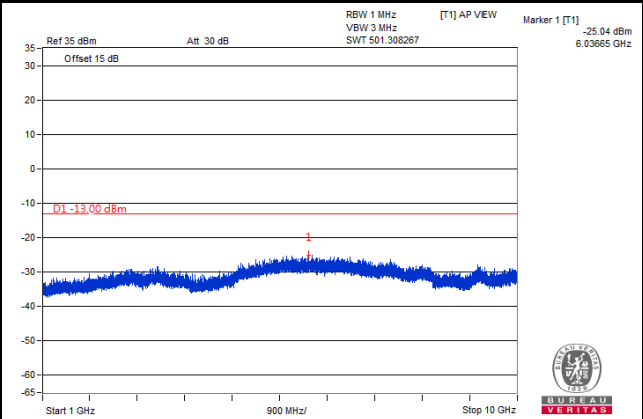


## Channel 23790

Frequency Range: 9 kHz ~ 1 GHz

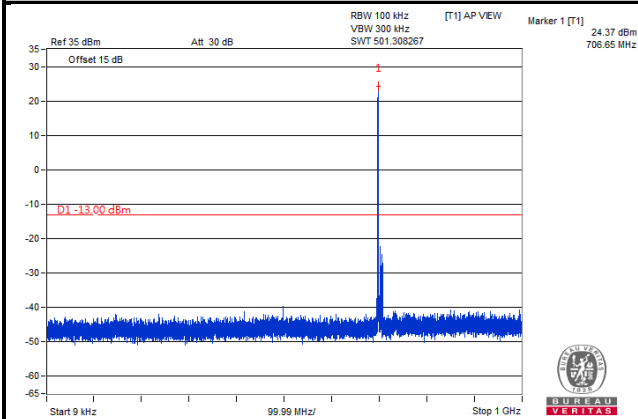


Frequency Range: 1 GHz ~ 10 GHz

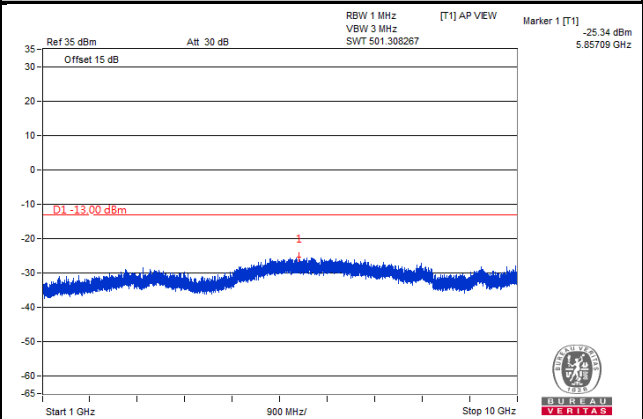


## Channel 23800

Frequency Range: 9 kHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz

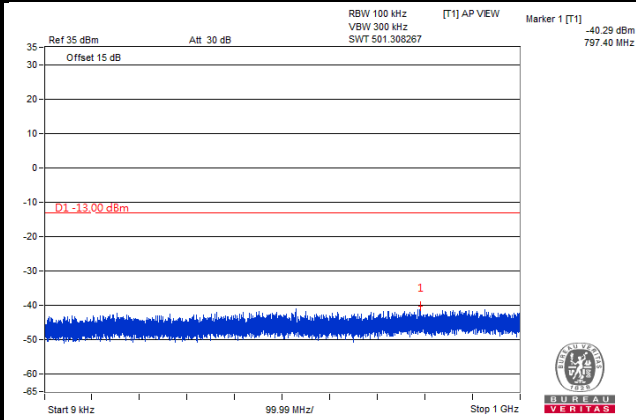


# LTE Band 66

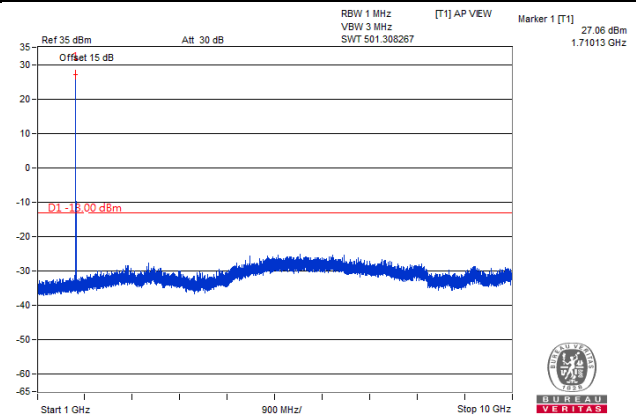
Channel Bandwidth: 1.4 MHz

Channel 131979

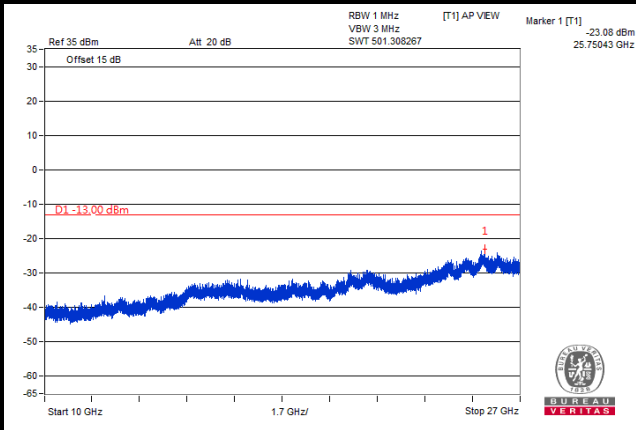
## Frequency Range: 9 kHz ~ 1 GHz



## Frequency Range: 1 GHz ~ 10 GHz



## Frequency Range: 10 GHz ~ 27 GHz

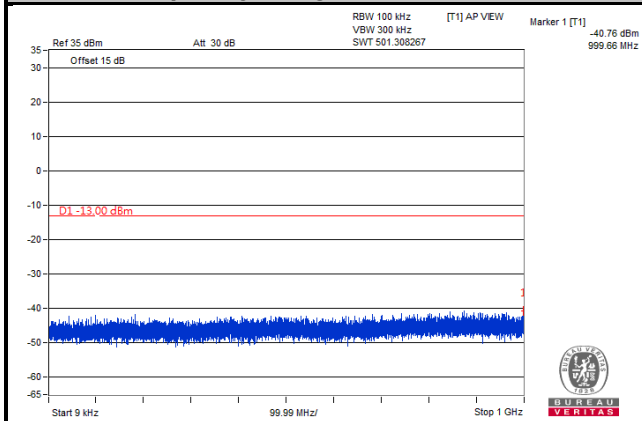


# LTE Band 66

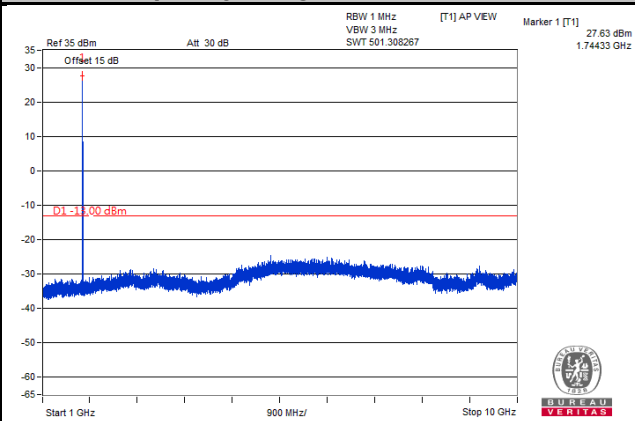
Channel Bandwidth: 1.4 MHz

Channel 132322

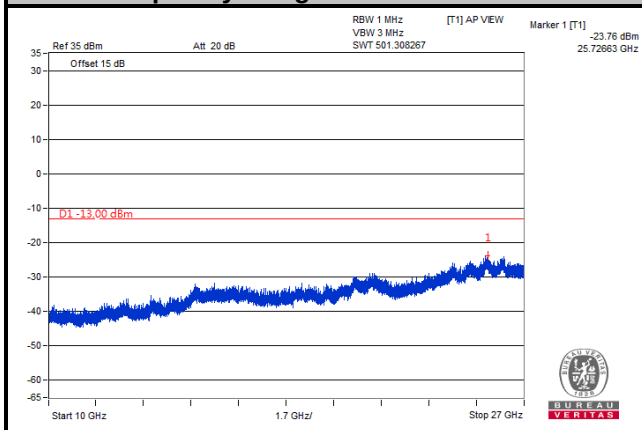
Frequency Range: 9 kHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz



Frequency Range: 10 GHz ~ 27 GHz

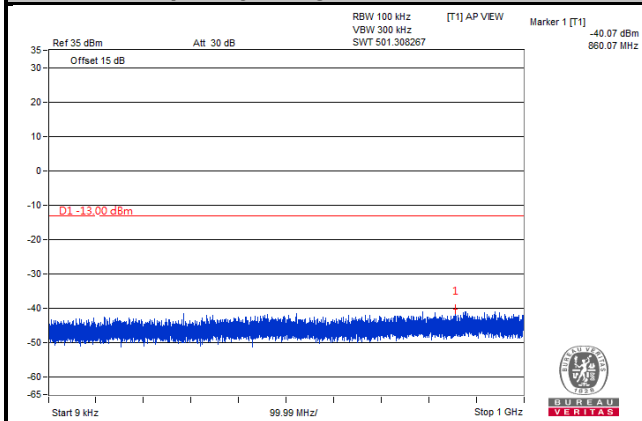


# LTE Band 66

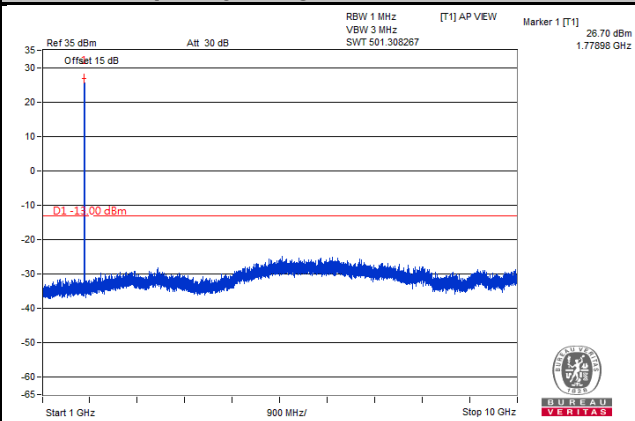
Channel Bandwidth: 1.4 MHz

Channel 132655

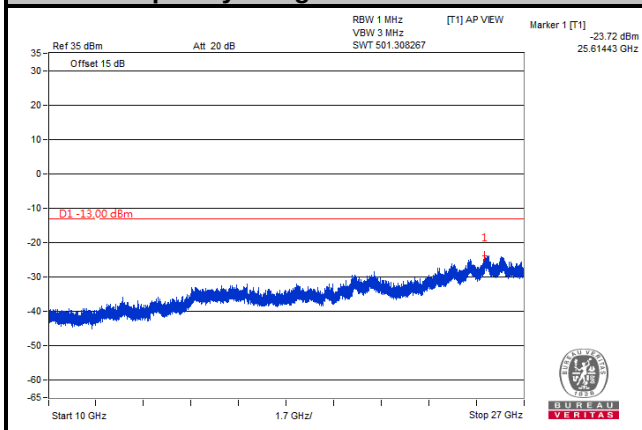
Frequency Range: 9 kHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz



Frequency Range: 10 GHz ~ 27 GHz

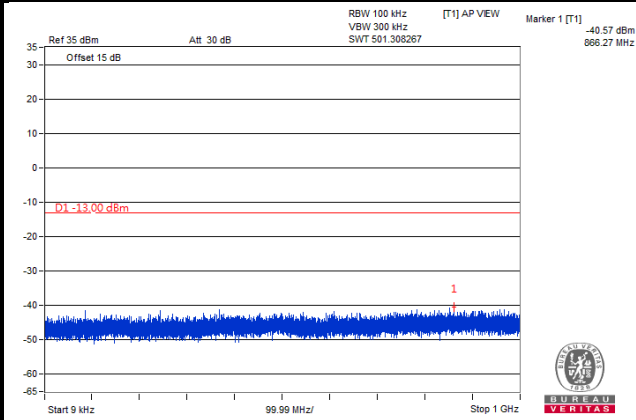


# LTE Band 66

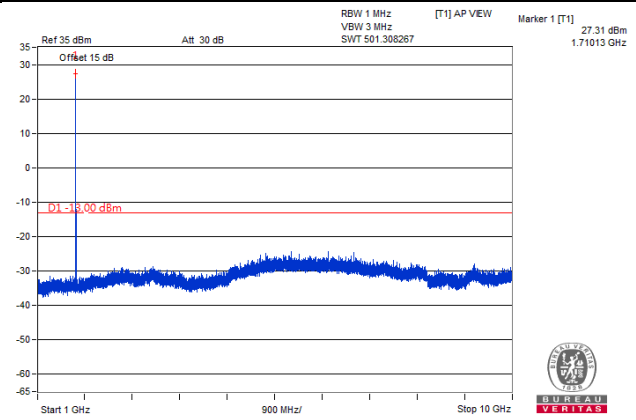
Channel Bandwidth: 3 MHz

Channel 131987

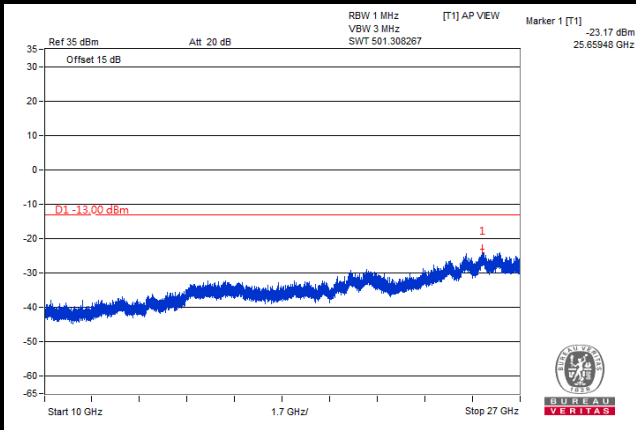
## Frequency Range: 9 kHz ~ 1 GHz



## Frequency Range: 1 GHz ~ 10 GHz



## Frequency Range: 10 GHz ~ 27 GHz

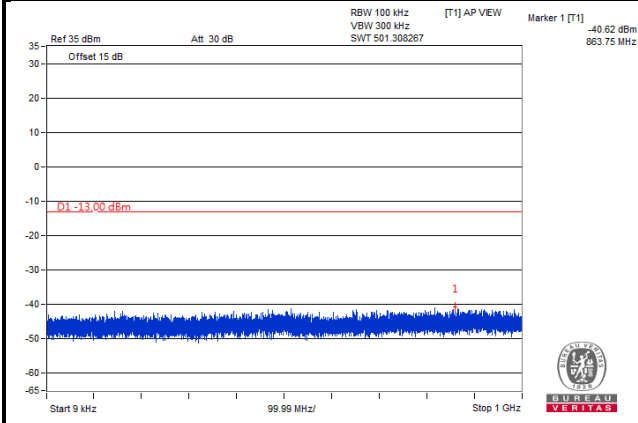


# LTE Band 66

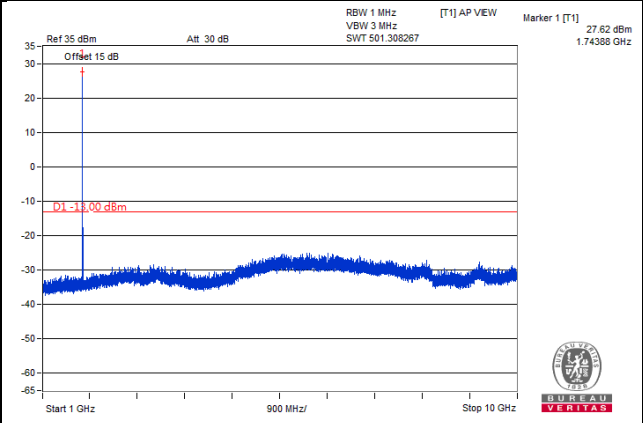
Channel Bandwidth: 3 MHz

Channel 132322

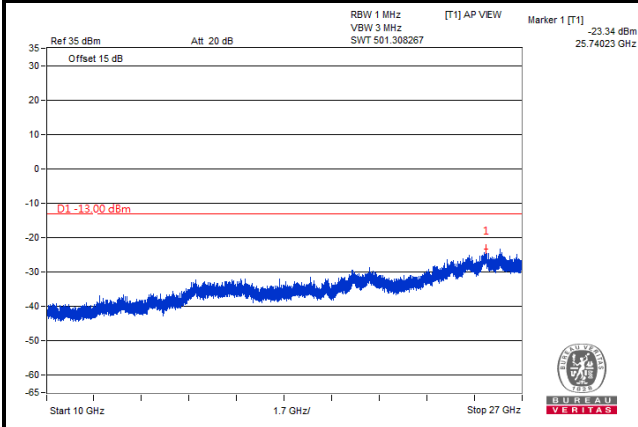
Frequency Range: 9 kHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz



Frequency Range: 10 GHz ~ 27 GHz

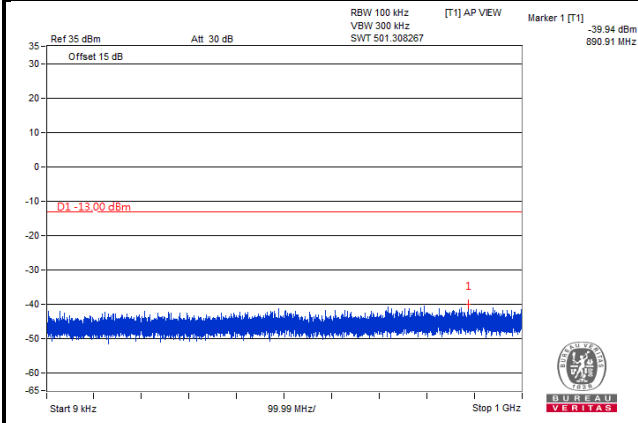


# LTE Band 66

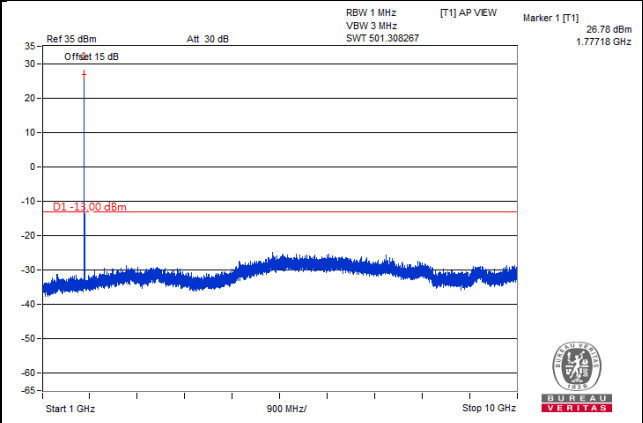
Channel Bandwidth: 3 MHz

Channel 132657

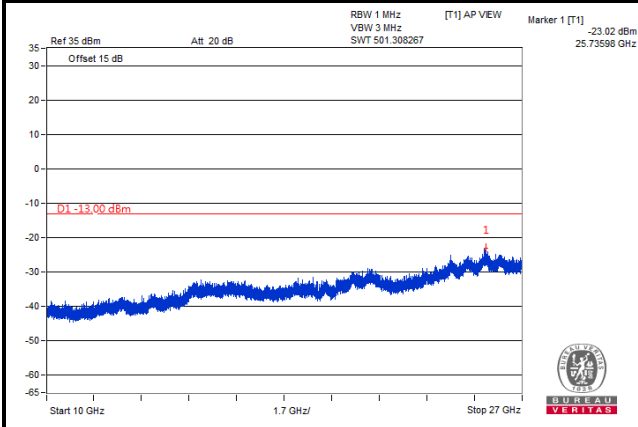
Frequency Range: 9 kHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz



Frequency Range: 10 GHz ~ 27 GHz

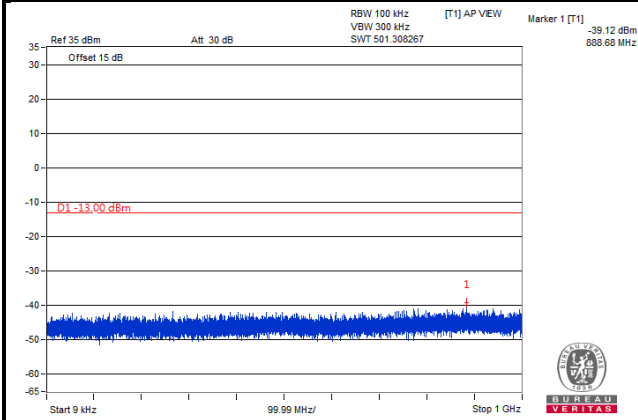


# LTE Band 66

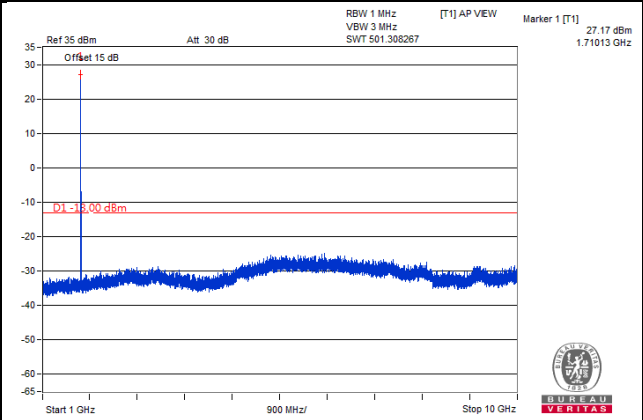
Channel Bandwidth: 5 MHz

Channel 131997

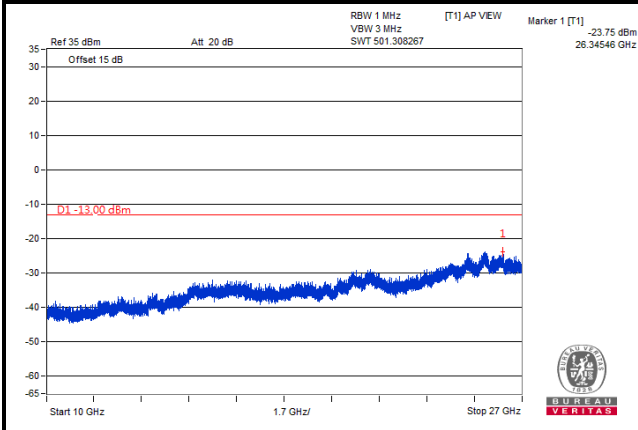
## Frequency Range: 9 kHz ~ 1 GHz



## Frequency Range: 1 GHz ~ 10 GHz



## Frequency Range: 10 GHz ~ 27 GHz

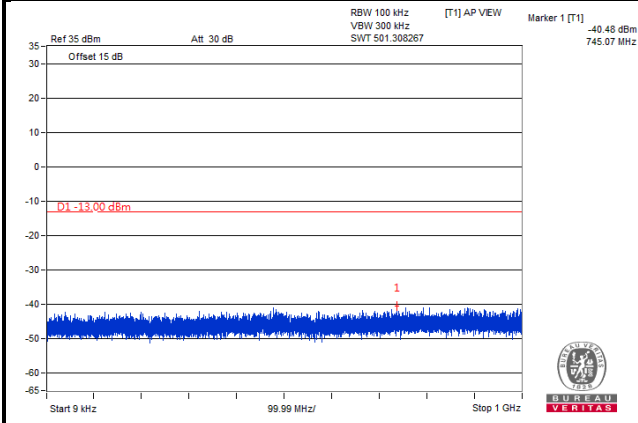


# LTE Band 66

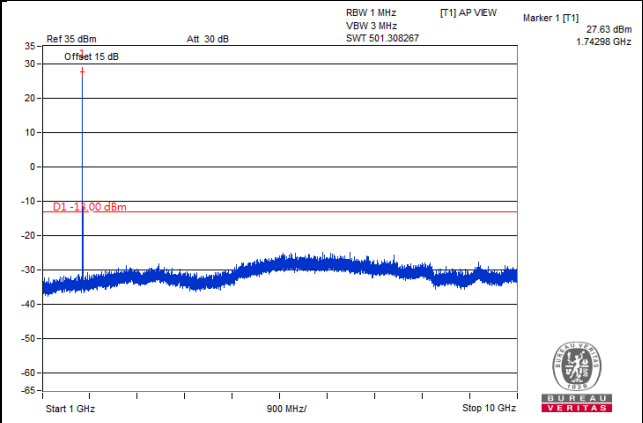
Channel Bandwidth: 5 MHz

Channel 132322

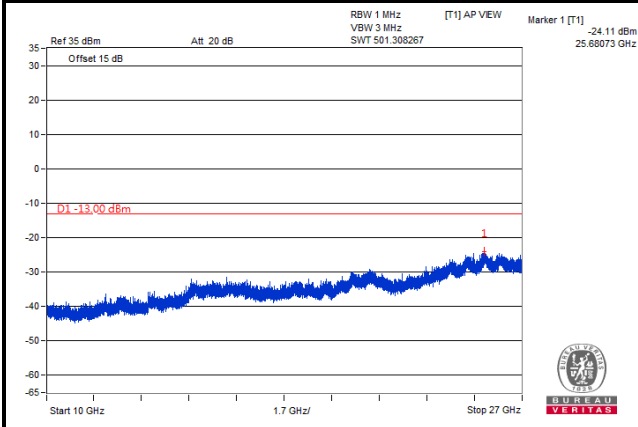
Frequency Range: 9 kHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz



Frequency Range: 10 GHz ~ 27 GHz

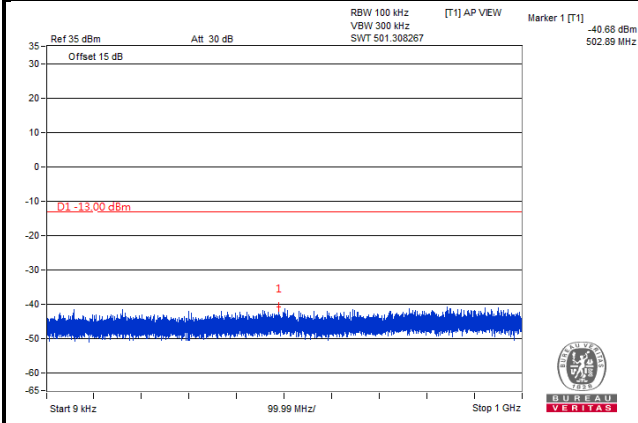


# LTE Band 66

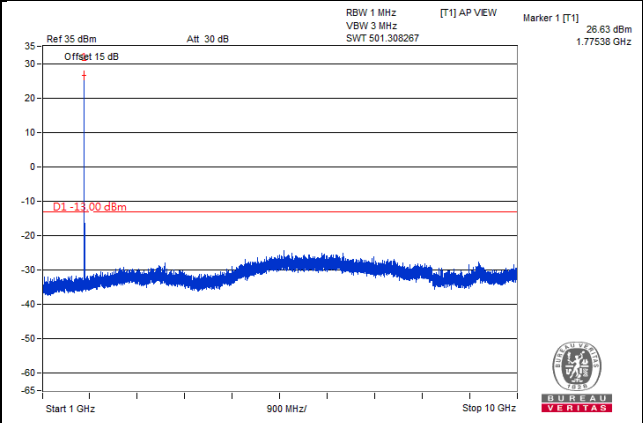
Channel Bandwidth: 5 MHz

Channel 132647

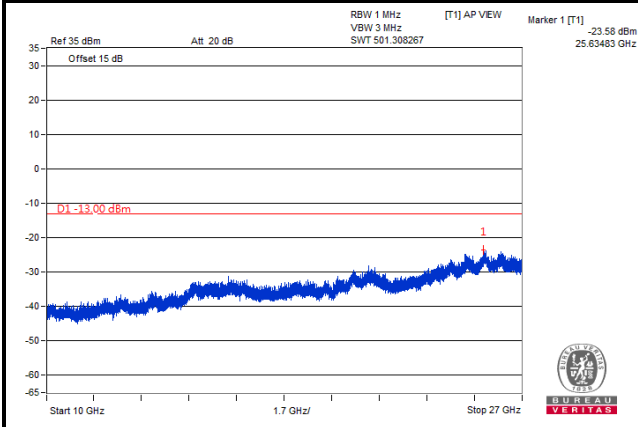
Frequency Range: 9 kHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz



Frequency Range: 10 GHz ~ 27 GHz

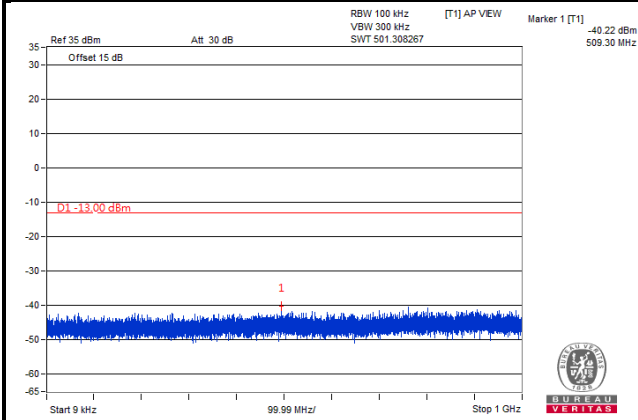


# LTE Band 66

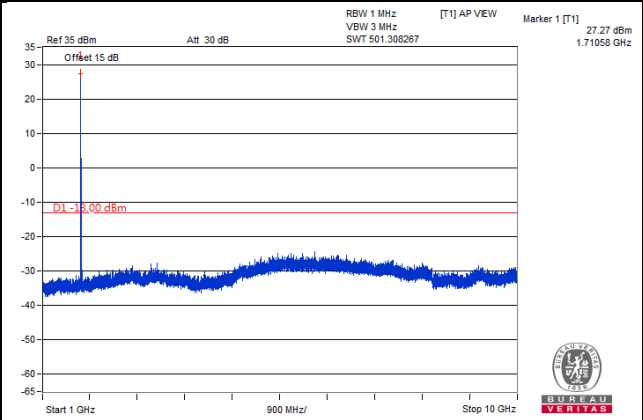
Channel Bandwidth: 10 MHz

Channel 132022

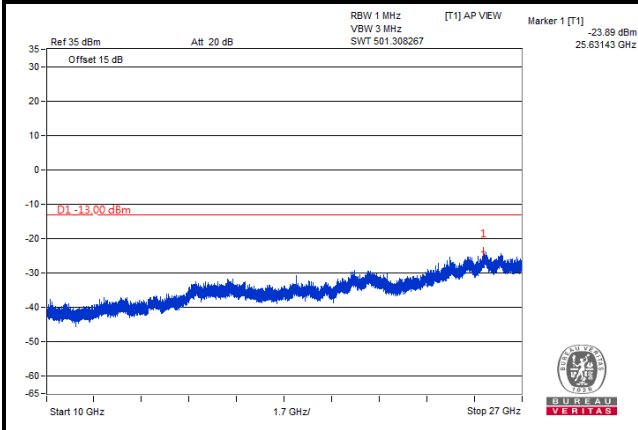
## Frequency Range: 9 kHz ~ 1 GHz



## Frequency Range: 1 GHz ~ 10 GHz



## Frequency Range: 10 GHz ~ 27 GHz

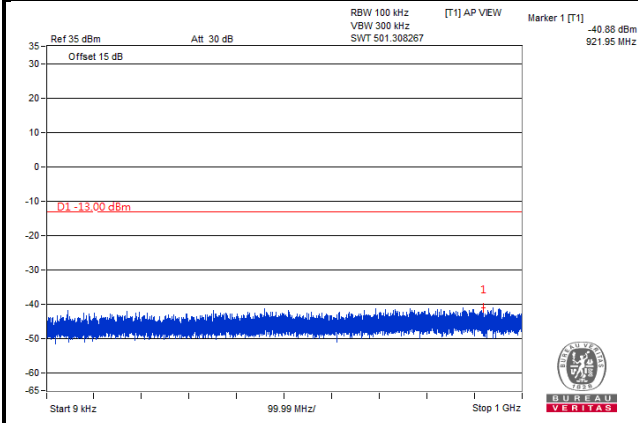


# LTE Band 66

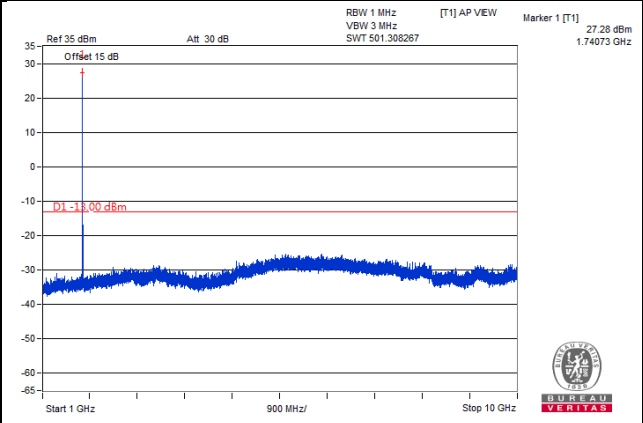
Channel Bandwidth: 10 MHz

Channel 132322

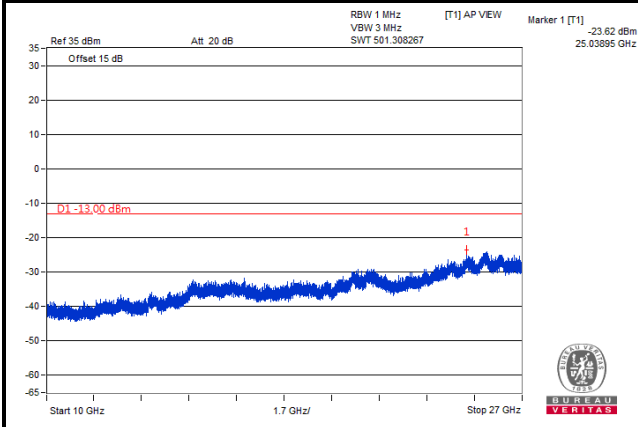
Frequency Range: 9 kHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz



Frequency Range: 10 GHz ~ 27 GHz

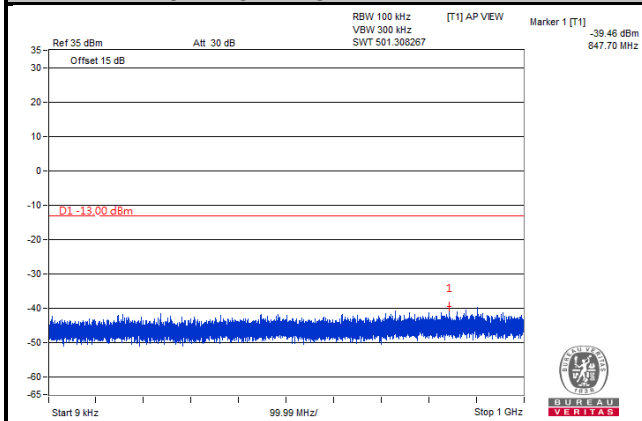


# LTE Band 66

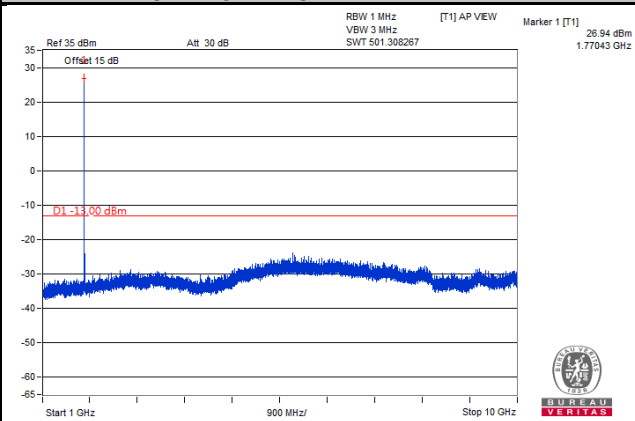
Channel Bandwidth: 10 MHz

Channel 132622

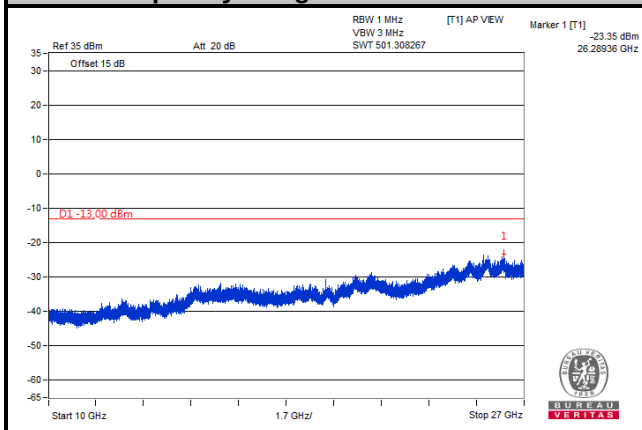
Frequency Range: 9 kHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz



Frequency Range: 10 GHz ~ 27 GHz

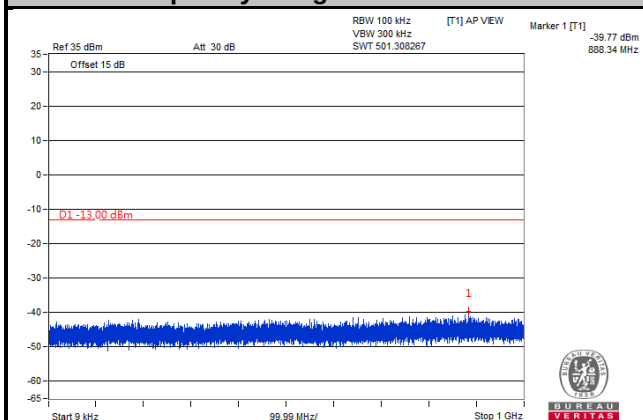


# LTE Band 66

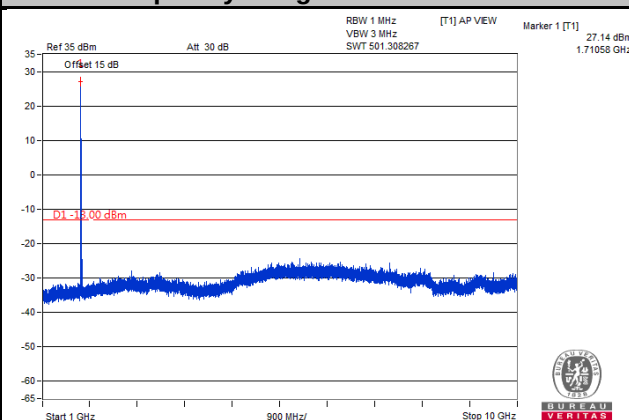
Channel Bandwidth: 15 MHz

Channel 132047

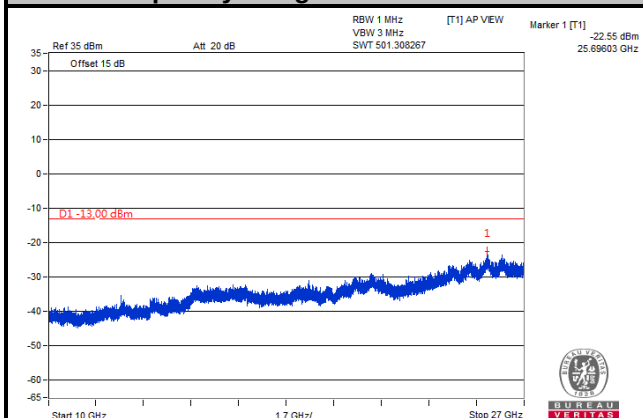
## Frequency Range: 9 kHz ~ 1 GHz



## Frequency Range: 1 GHz ~ 10 GHz



## Frequency Range: 10 GHz ~ 27 GHz

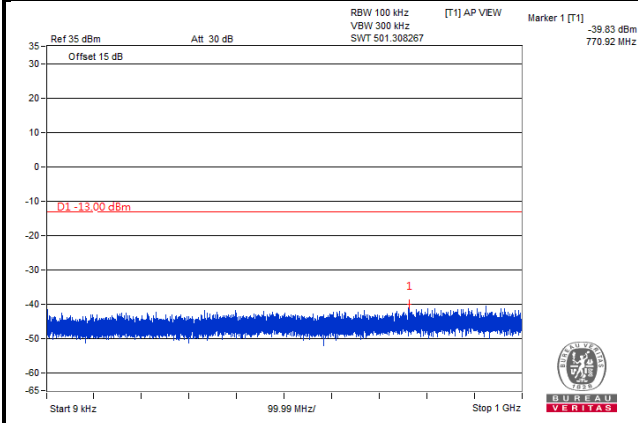


# LTE Band 66

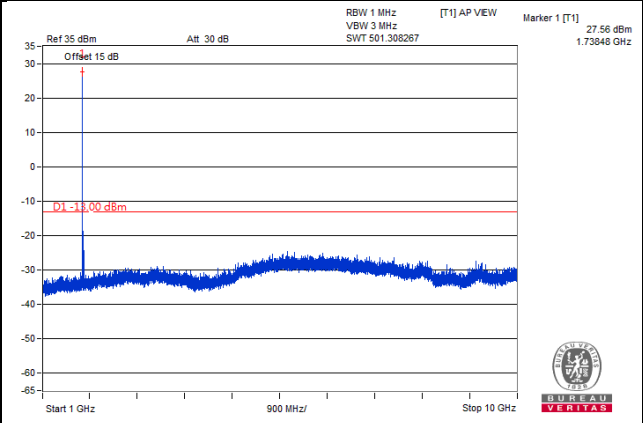
Channel Bandwidth: 15 MHz

Channel 132322

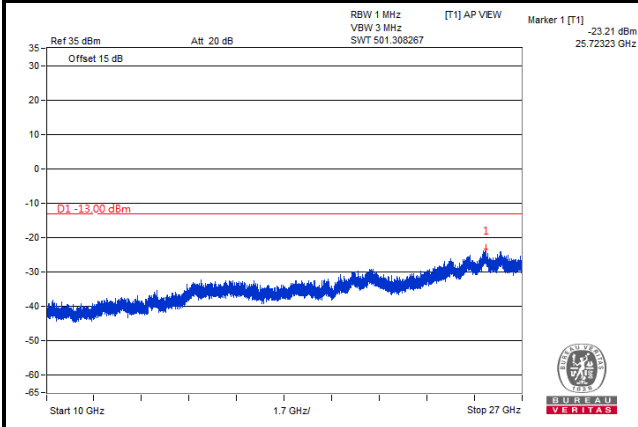
Frequency Range: 9 kHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz



Frequency Range: 10 GHz ~ 27 GHz

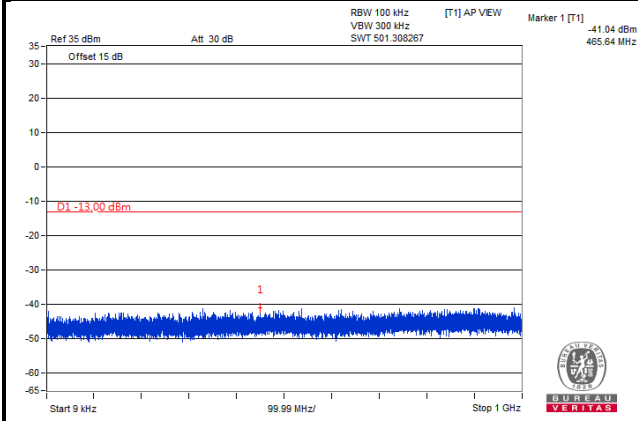


# LTE Band 66

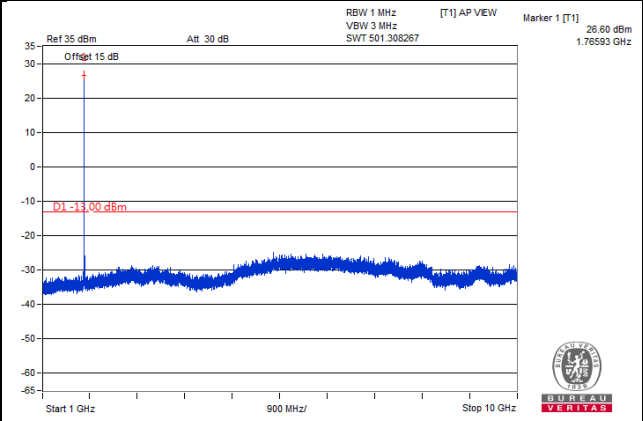
Channel Bandwidth: 15 MHz

Channel 132597

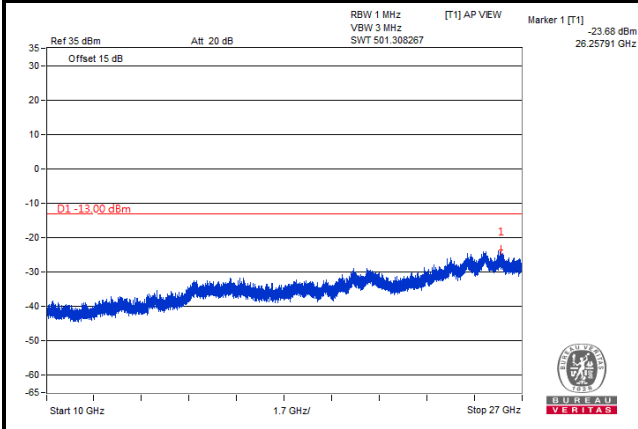
Frequency Range: 9 kHz ~ 1 GHz



Frequency Range: 1 GHz ~ 10 GHz



Frequency Range: 10 GHz ~ 27 GHz

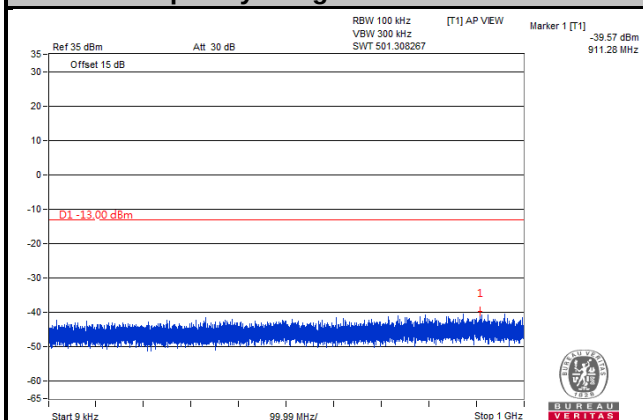


# LTE Band 66

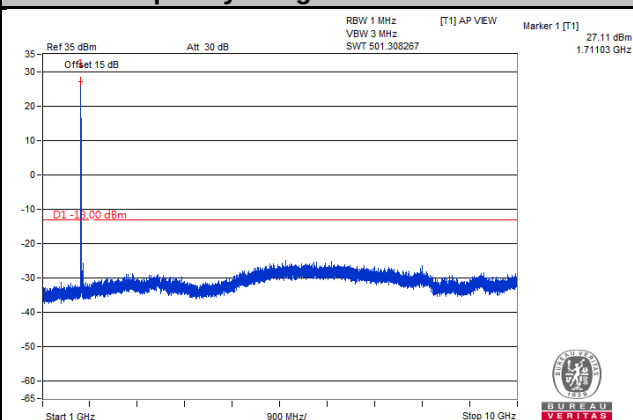
Channel Bandwidth: 20 MHz

Channel 132072

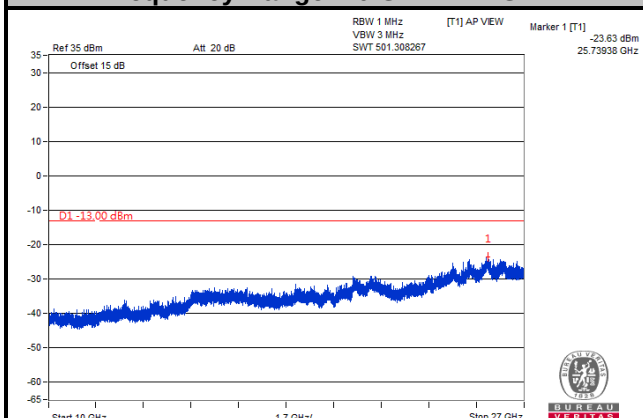
## Frequency Range: 9 kHz ~ 1 GHz

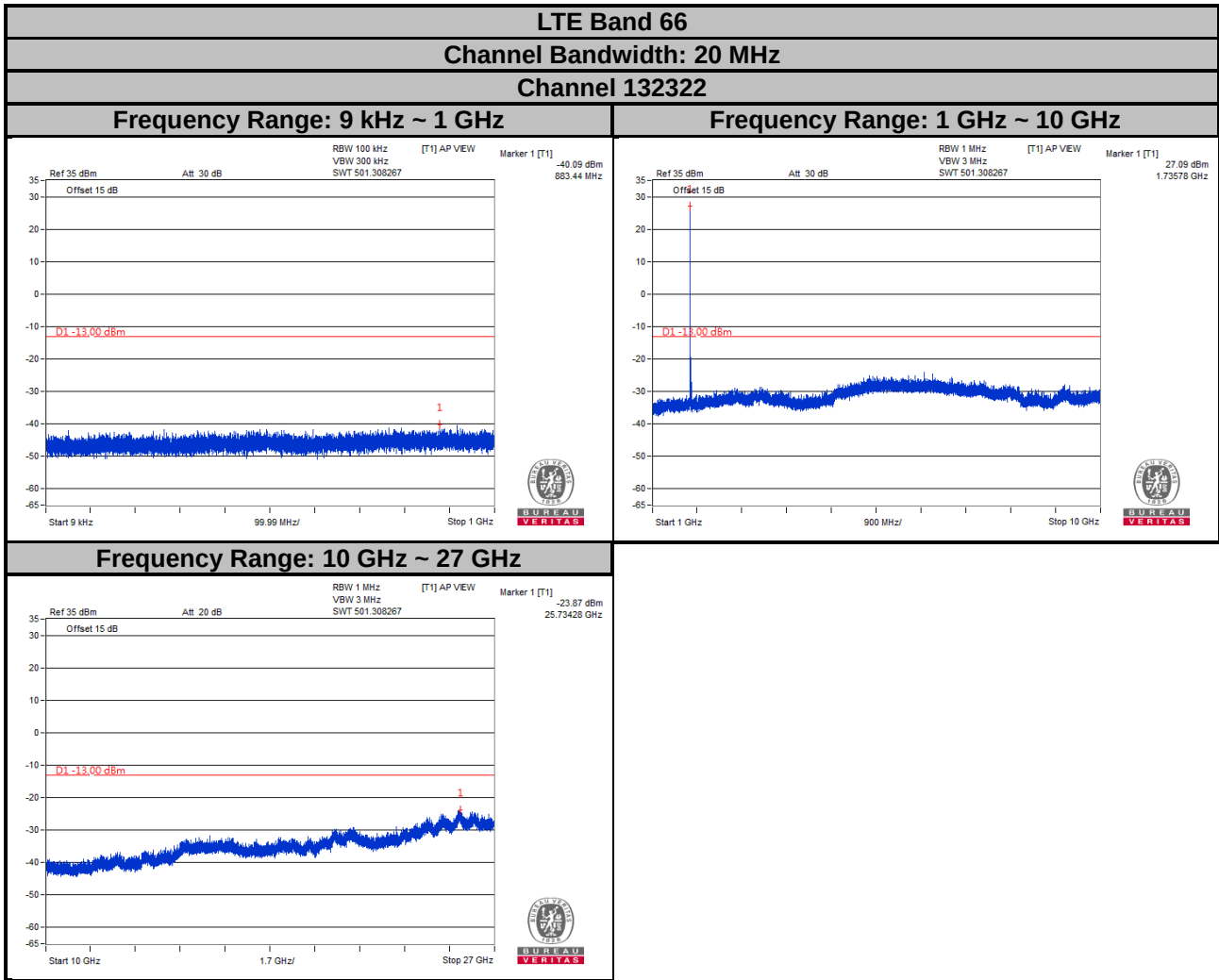


## Frequency Range: 1 GHz ~ 10 GHz



## Frequency Range: 10 GHz ~ 27 GHz



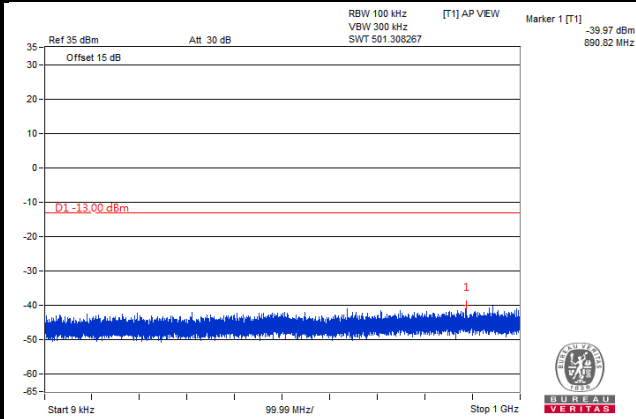


# LTE Band 66

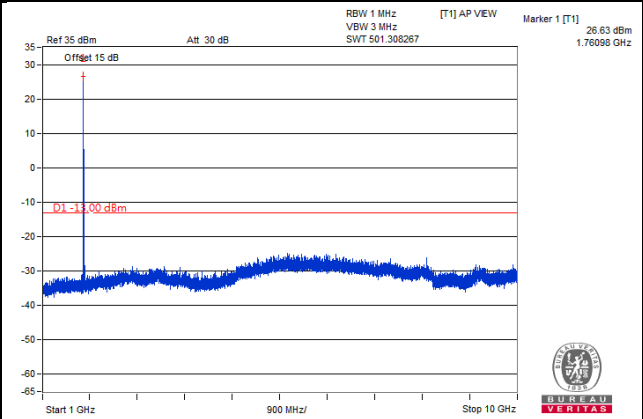
Channel Bandwidth: 20 MHz

Channel 132572

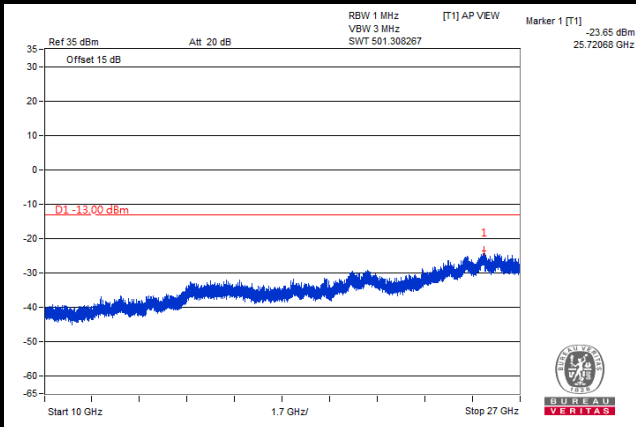
## Frequency Range: 9 kHz ~ 1 GHz



## Frequency Range: 1 GHz ~ 10 GHz



## Frequency Range: 10 GHz ~ 27 GHz



## 4.8 Radiated Emission Measurement

### 4.8.1 Limits of Radiated Emission Measurement

- a. The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least  $43 + 10 \log (P)$  dB. The limit of emission is equal to -13 dBm.
- b. For operations in the 775-788 MHz, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz. The limit of emissions is equal to -40 dBm.

### 4.8.2 Test Procedure

- a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8 m (below or equal 1 GHz) and/or 1.5 m (above 1 GHz) height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1 m to 4 m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- b. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value" of step a. Record the power level of S.G.
- c.  $EIRP = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution horn}$ .
- d. E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole,  $E.R.P \text{ power} = E.I.R.P \text{ power} - 2.15 \text{ dB}$ .

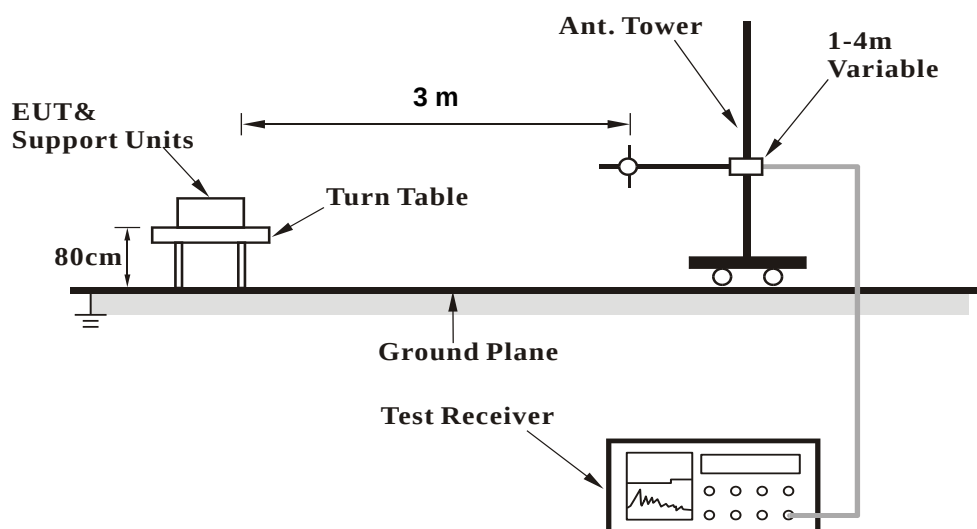
**Note:** The resolution bandwidth of spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz.

### 4.8.3 Deviation from Test Standard

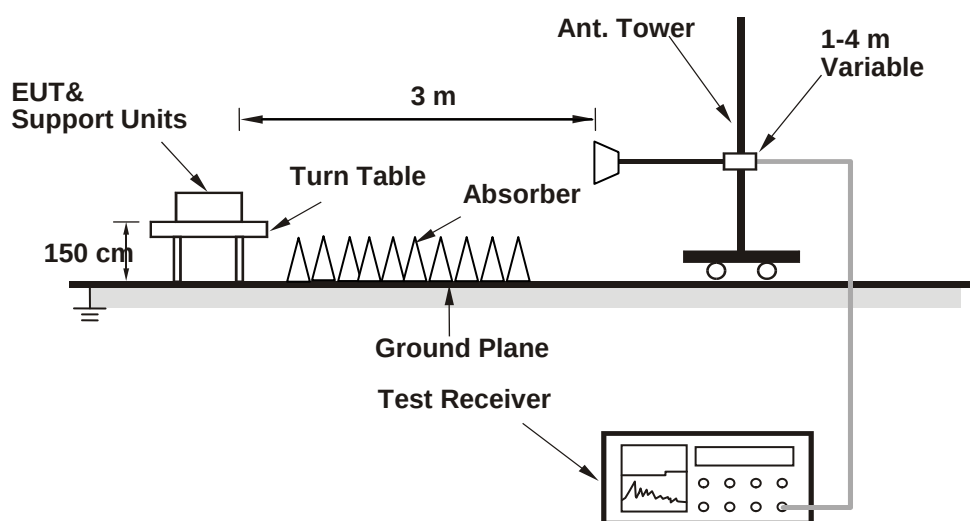
No deviation.

#### 4.8.4 Test Setup

##### <Radiated Emission below or equal 1 GHz>



##### <Radiated Emission above 1 GHz>



For the actual test configuration, please refer to the attached file (Test Setup Photo).

#### 4.8.5 Test Results

Mode A

WCDMA:

Low Channel

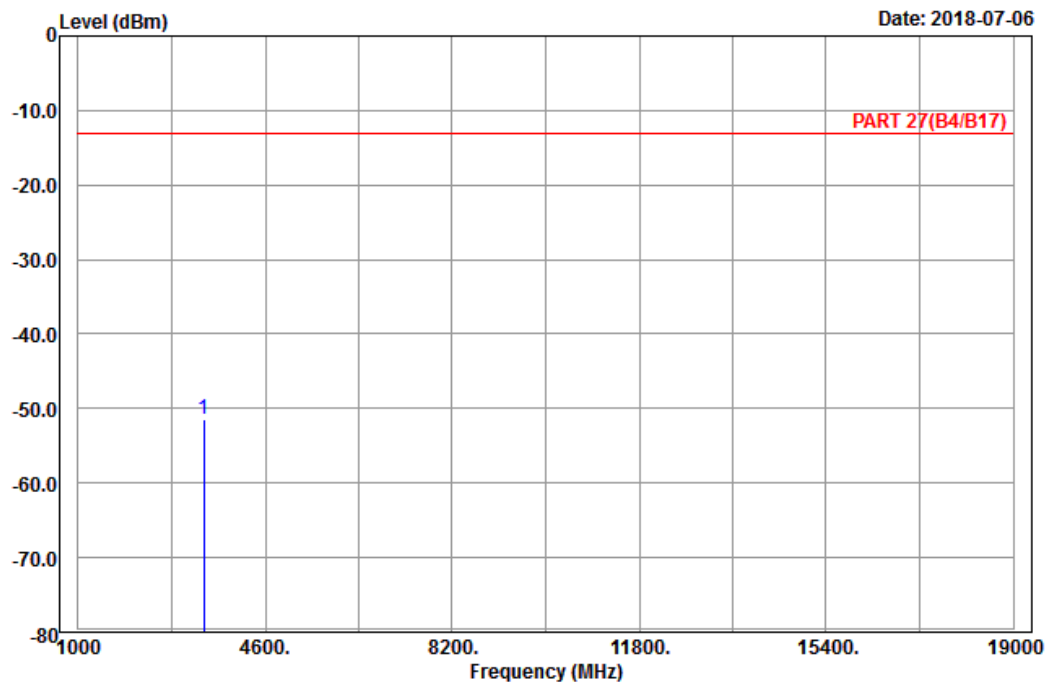


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2018-07-06



Site : 966 chamber 1

Condition: PART 27(B4/B17) Horizontal

Remark : Band IV\_Link\_CH1312

Tested by: Charles Hsiao

|              |        | Read   | Limit  | Over   |        |        |
|--------------|--------|--------|--------|--------|--------|--------|
| Freq         | Level  | Level  | Line   | Limit  | Factor | Remark |
| MHz          | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1 pp 3424.80 | -51.54 | -65.91 | -13.00 | -38.54 | 14.37  | Peak   |

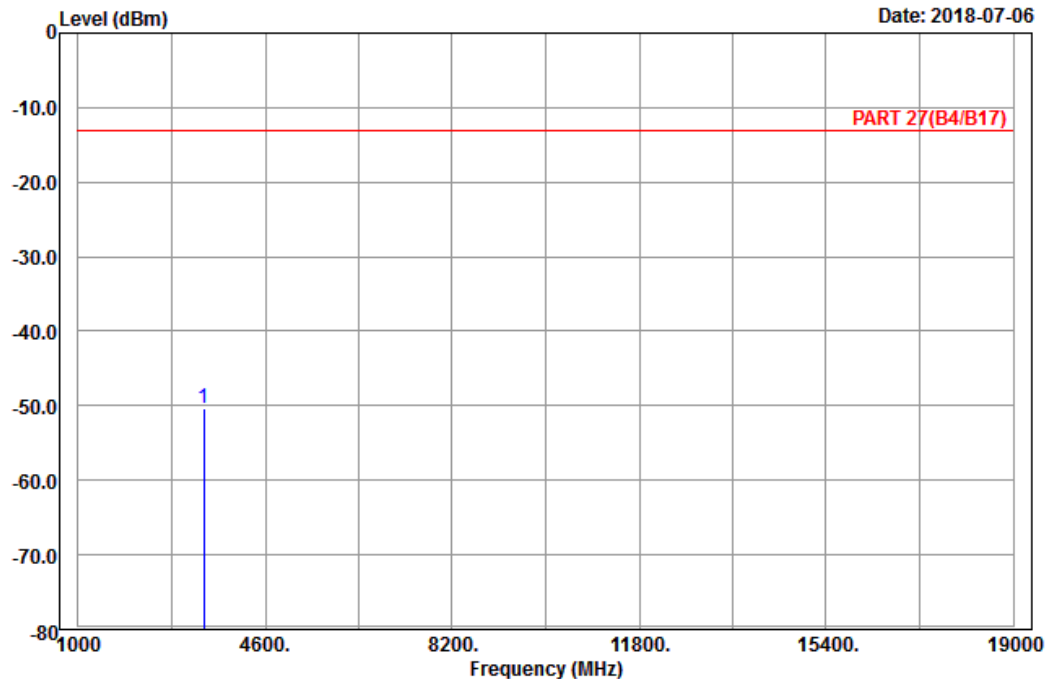


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-07-06



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Vertical  
Remark : Band IV\_Link\_CH1312  
Tested by: Charles Hsiao

|              |        |        | Read   | Limit  | Over   |        |  |
|--------------|--------|--------|--------|--------|--------|--------|--|
| Freq         | Level  | Level  | Line   | Limit  | Factor | Remark |  |
| MHz          | dBm    | dBm    | dBm    | dB     | dB     |        |  |
| 1 pp 3424.80 | -50.43 | -64.80 | -13.00 | -37.43 | 14.37  | Peak   |  |

# Middle Channel

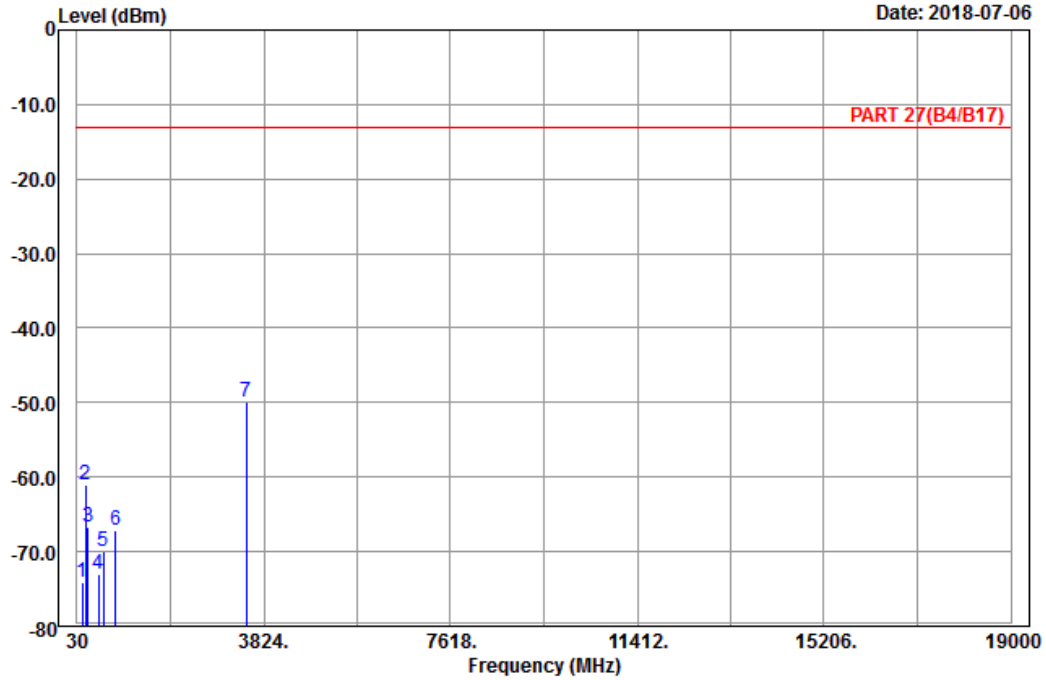


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 13

Date: 2018-07-06



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Horizontal  
Remark : Band IV\_Link\_CH1413  
Tested by: Charles Hsiao

|      |         | Read   | Limit  | Over   |        |        |      |
|------|---------|--------|--------|--------|--------|--------|------|
| Freq | Level   | Level  | Line   | Limit  | Factor | Remark |      |
| MHz  | dBm     | dBm    | dBm    | dB     | dB     |        |      |
| 1    | 131.79  | -74.07 | -66.41 | -13.00 | -61.07 | -7.66  | Peak |
| 2    | 209.55  | -61.13 | -55.08 | -13.00 | -48.13 | -6.05  | Peak |
| 3    | 245.46  | -66.64 | -61.07 | -13.00 | -53.64 | -5.57  | Peak |
| 4    | 468.00  | -73.13 | -68.76 | -13.00 | -60.13 | -4.37  | Peak |
| 5    | 570.90  | -69.97 | -69.19 | -13.00 | -56.97 | -0.78  | Peak |
| 6    | 818.70  | -67.16 | -68.96 | -13.00 | -54.16 | 1.80   | Peak |
| 7 pp | 3465.20 | -49.95 | -64.29 | -13.00 | -36.95 | 14.34  | Peak |

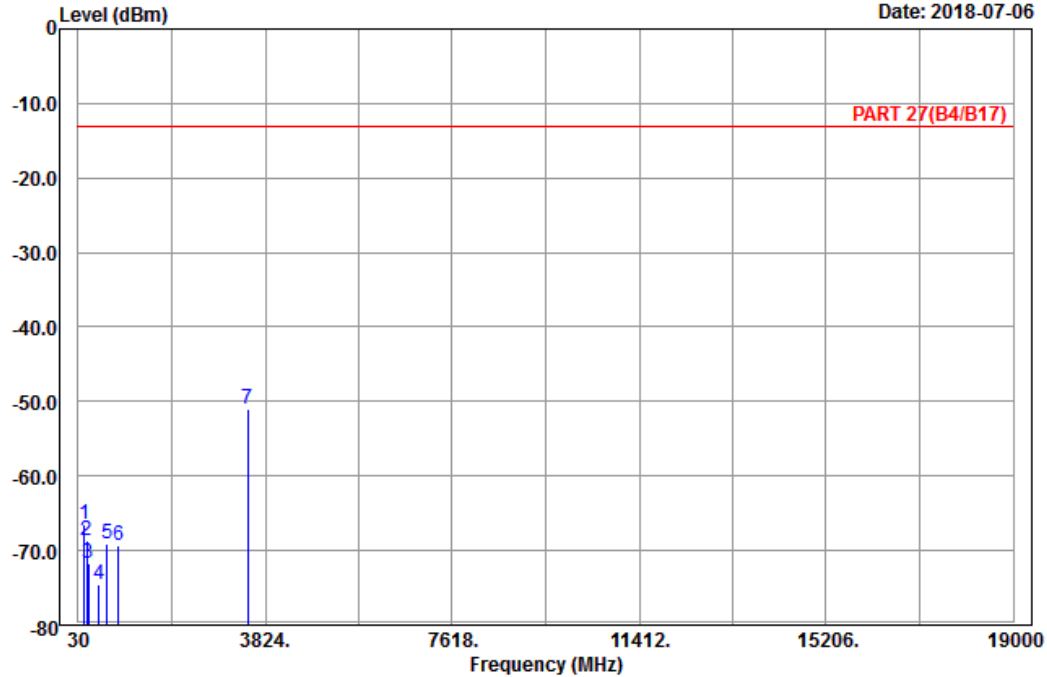


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 14

Date: 2018-07-06



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Vertical  
Remark : Band IV\_Link\_CH1413  
Tested by: Charles Hsiao

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark |
|------|---------|--------|------------|------------|------------|--------|--------|
|      | MHz     | dBm    | dBm        | dBm        | dB         | dB     |        |
| 1    | 158.52  | -66.52 | -58.80     | -13.00     | -53.52     | -7.72  | Peak   |
| 2    | 204.15  | -68.77 | -62.65     | -13.00     | -55.77     | -6.12  | Peak   |
| 3    | 231.42  | -71.66 | -65.91     | -13.00     | -58.66     | -5.75  | Peak   |
| 4    | 444.20  | -74.48 | -70.76     | -13.00     | -61.48     | -3.72  | Peak   |
| 5    | 615.70  | -69.12 | -69.37     | -13.00     | -56.12     | 0.25   | Peak   |
| 6    | 851.60  | -69.30 | -70.80     | -13.00     | -56.30     | 1.50   | Peak   |
| 7 pp | 3465.20 | -51.04 | -65.38     | -13.00     | -38.04     | 14.34  | Peak   |

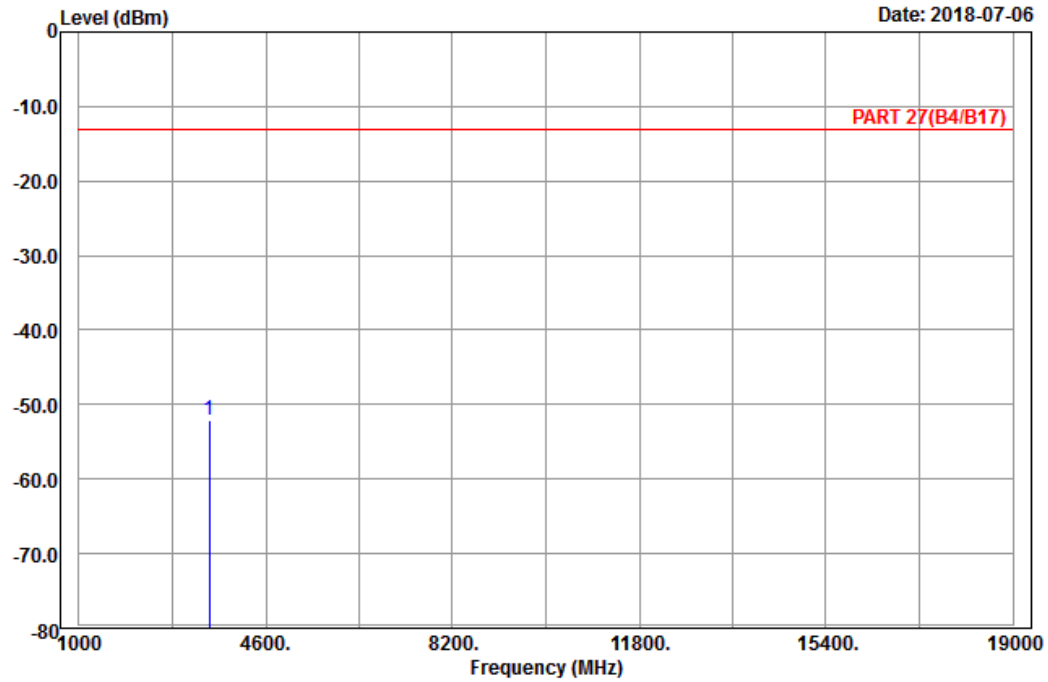
## High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9



Site : 966 chamber 1

Condition: PART 27(B4/B17) Horizontal

Remark : Band IV\_Link\_CH1513

Tested by: Charles Hsiao

|              |        | Read   | Limit  | Over   |        |        |
|--------------|--------|--------|--------|--------|--------|--------|
| Freq         | Level  | Level  | Line   | Limit  | Factor | Remark |
| MHz          | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1 pp 3505.20 | -52.15 | -66.43 | -13.00 | -39.15 | 14.28  | Peak   |

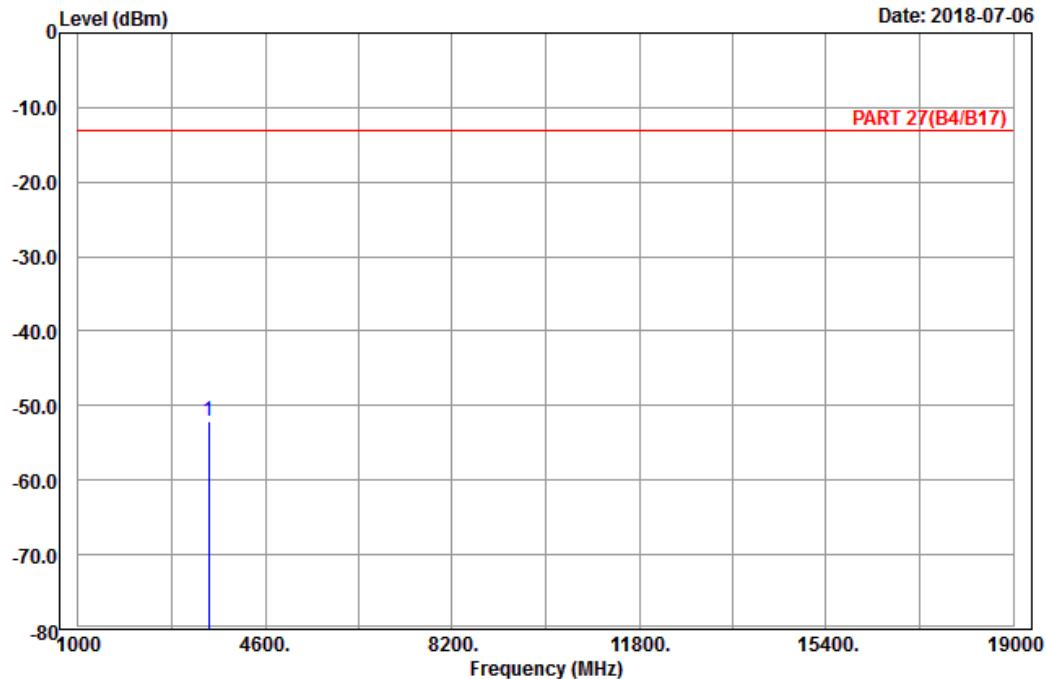


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-07-06



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Vertical  
Remark : Band IV\_Link\_CH1513  
Tested by: Charles Hsiao

| Freq         | Level  | Read   | Limit  | Over   | Factor | Remark |
|--------------|--------|--------|--------|--------|--------|--------|
|              |        | Level  | Line   | Limit  |        |        |
| MHz          | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1 pp 3505.20 | -52.06 | -66.34 | -13.00 | -39.06 | 14.28  | Peak   |

LTE Band 4  
Channel Bandwidth: 1.4 MHz / QPSK  
Low Channel

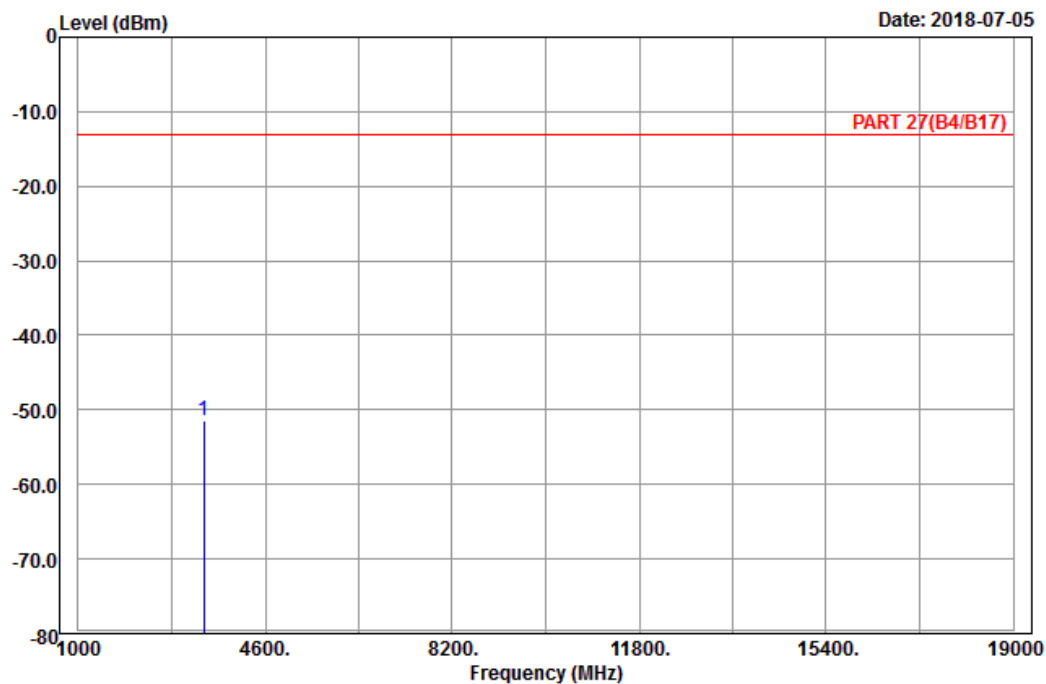


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2018-07-05



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Horizontal  
Remark : LTE\_Band 4\_Link\_CH19957  
Tested by: Karl Lee

|              |        | Read   | Limit  | Over   |        |        |
|--------------|--------|--------|--------|--------|--------|--------|
| Freq         | Level  | Level  | Line   | Limit  | Factor | Remark |
| MHz          | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1 pp 3421.40 | -51.39 | -65.76 | -13.00 | -38.39 | 14.37  | Peak   |

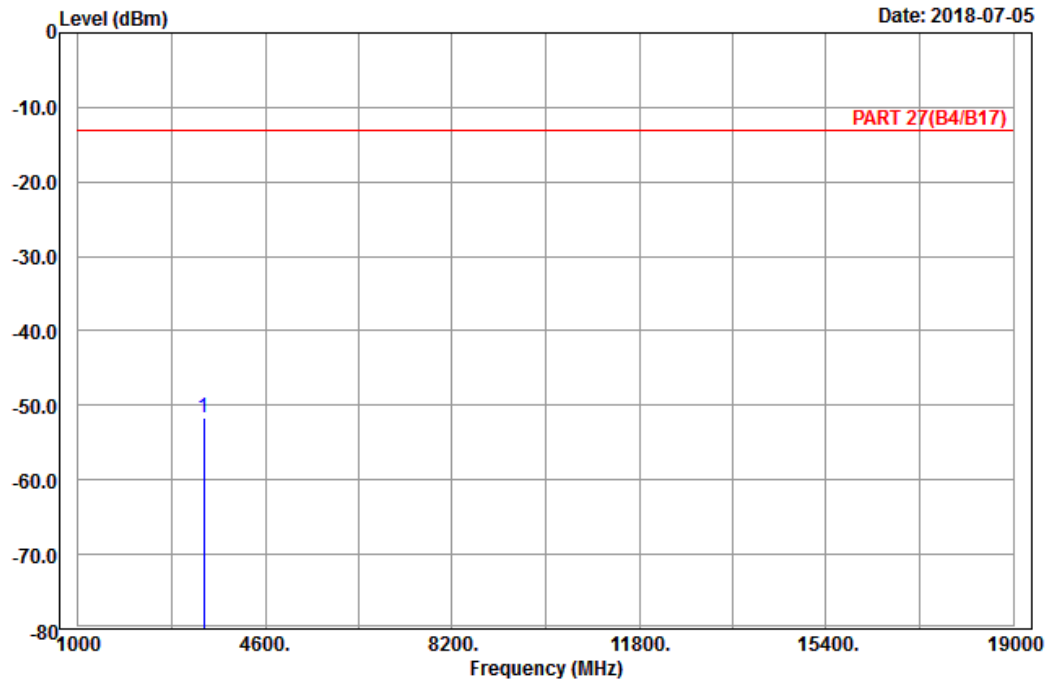


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-07-05



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Vertical  
Remark : LTE\_Band 4\_Link\_CH19957  
Tested by: Karl Lee

|              |        | Read   | Limit  | Over   |        |        |
|--------------|--------|--------|--------|--------|--------|--------|
| Freq         | Level  | Level  | Line   | Limit  | Factor | Remark |
| MHz          | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1 pp 3421.40 | -51.64 | -66.01 | -13.00 | -38.64 | 14.37  | Peak   |

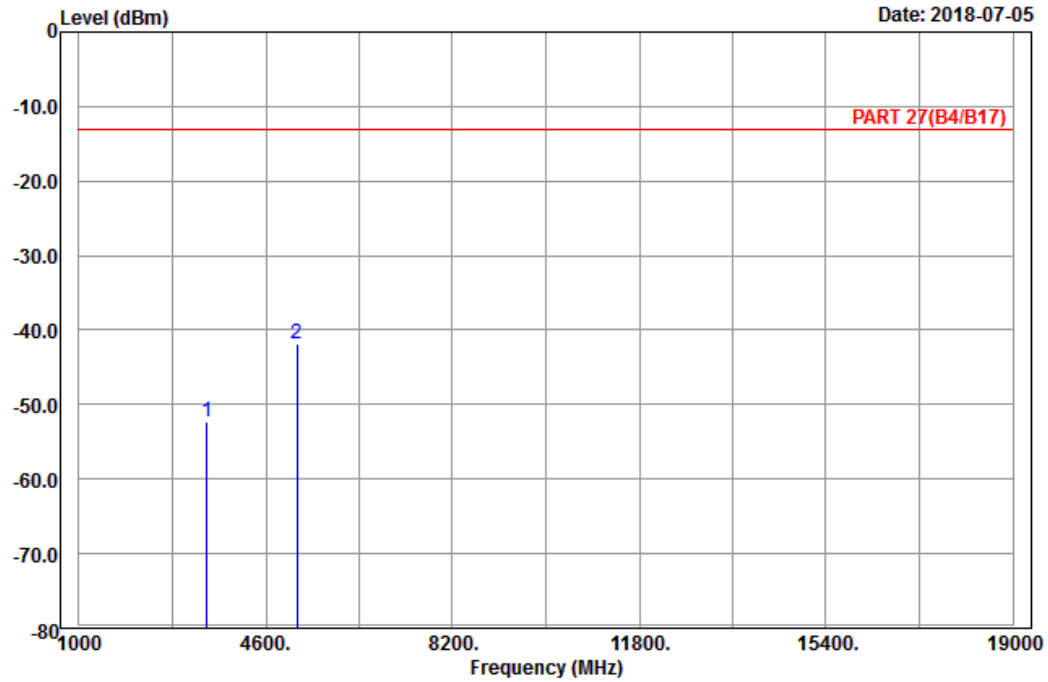
# Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9



Site : 966 chamber 1  
 Condition: PART 27(B4/B17) Horizontal  
 Remark : LTE\_Band 4\_Link\_CH20175  
 Tested by: Karl Lee

|      |         |        | Read   | Limit  | Over   |        |      |
|------|---------|--------|--------|--------|--------|--------|------|
| Freq | Level   | Level  | Line   | Limit  | Factor | Remark |      |
| MHz  | dBm     | dBm    | dBm    | dB     | dB     |        |      |
| 1    | 3465.00 | -52.33 | -66.67 | -13.00 | -39.33 | 14.34  | Peak |
| 2 pp | 5197.50 | -41.82 | -61.94 | -13.00 | -28.82 | 20.12  | Peak |

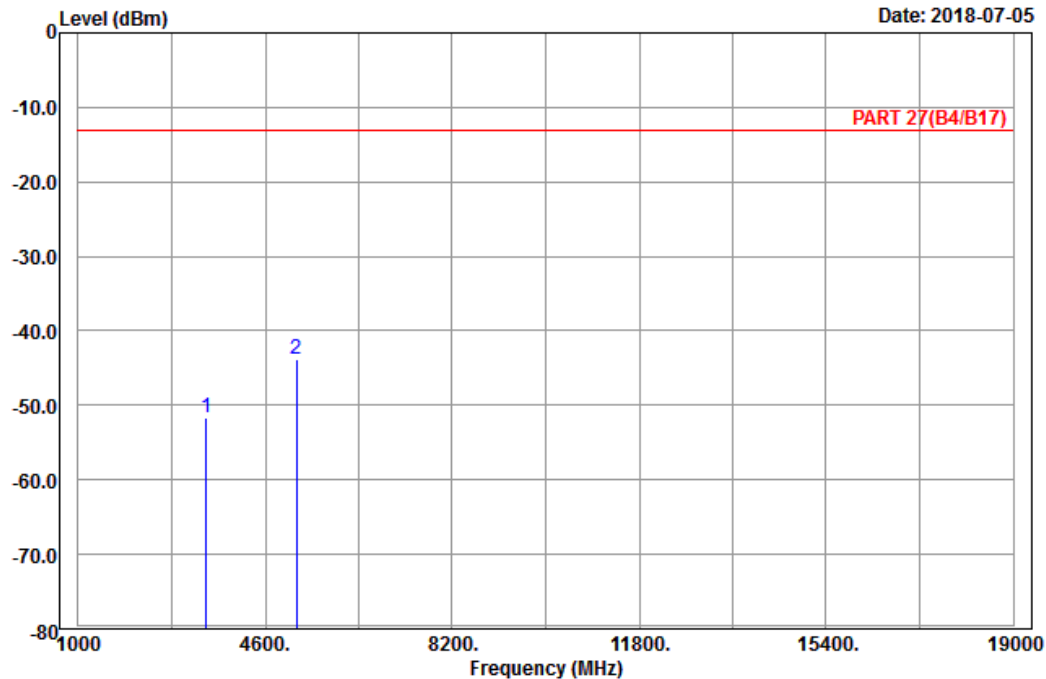


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-07-05



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Vertical  
Remark : LTE\_Band 4\_Link\_CH20175  
Tested by: Karl Lee

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark |
|------|---------|--------|------------|------------|------------|--------|--------|
|      | MHz     | dBm    | dBm        | dBm        | dB         | dB     |        |
| 1    | 3465.00 | -51.62 | -65.96     | -13.00     | -38.62     | 14.34  | Peak   |
| 2 pp | 5197.50 | -43.79 | -63.91     | -13.00     | -30.79     | 20.12  | Peak   |

# High Channel

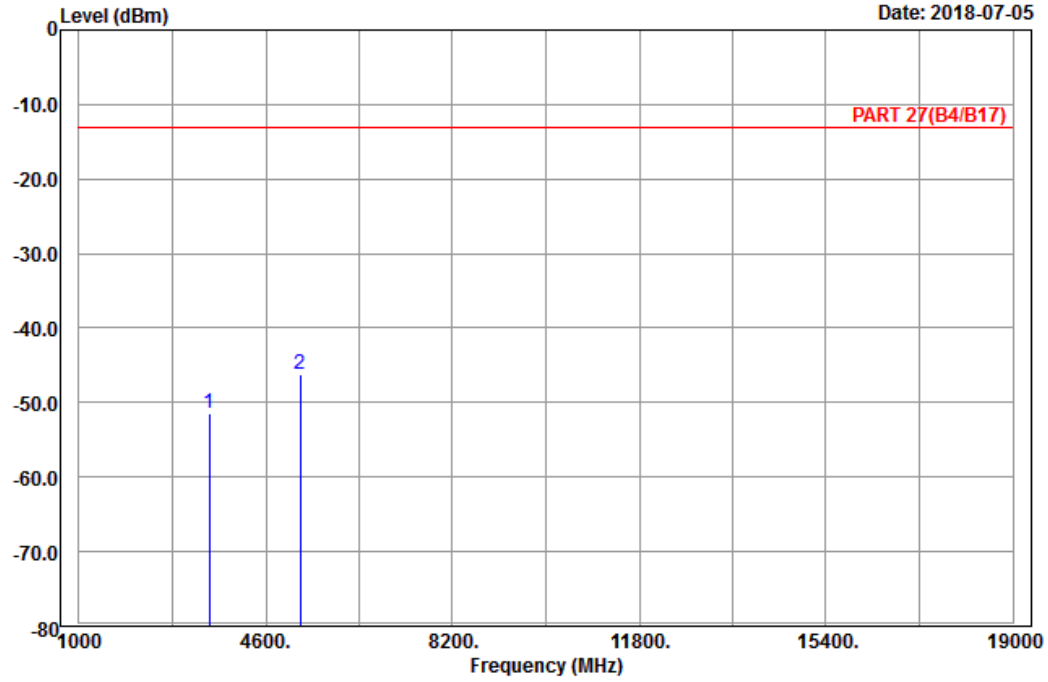


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2018-07-05



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Horizontal  
Remark : LTE\_Band 4\_Link\_CH20393  
Tested by: Karl Lee

|      |         |        | Read   | Limit  | Over   |        |      |
|------|---------|--------|--------|--------|--------|--------|------|
| Freq | Level   | Level  | Line   | Limit  | Factor | Remark |      |
| MHz  | dBm     | dBm    | dBm    | dB     | dB     |        |      |
| 1    | 3508.60 | -51.43 | -65.71 | -13.00 | -38.43 | 14.28  | Peak |
| 2 pp | 5262.90 | -46.24 | -66.44 | -13.00 | -33.24 | 20.20  | Peak |

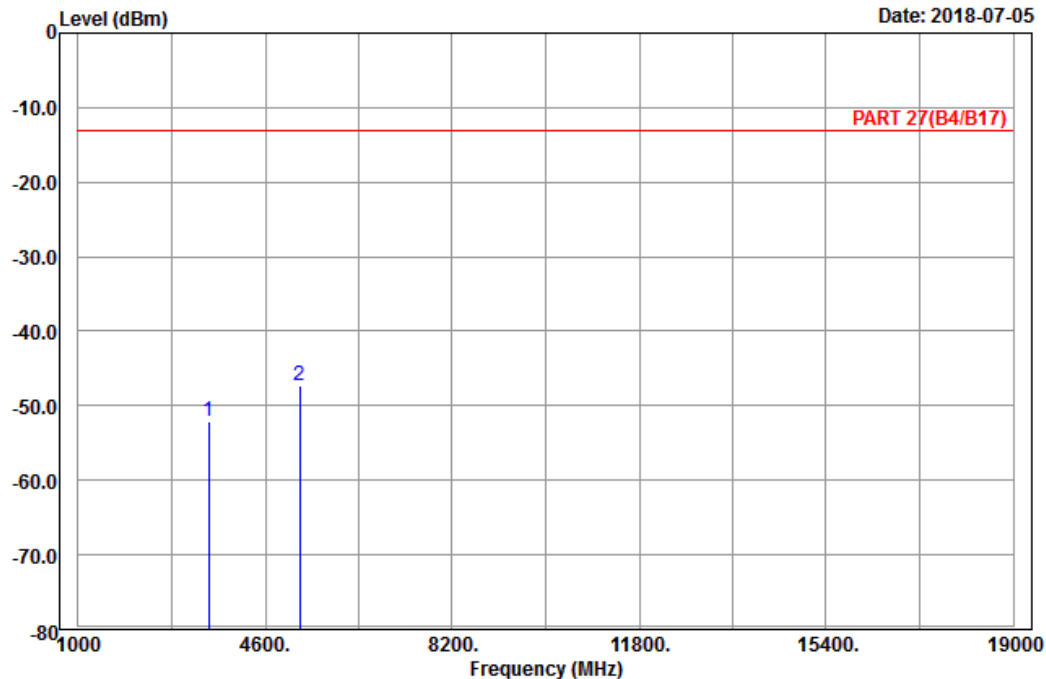


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-07-05



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Vertical  
Remark : LTE\_Band 4\_Link\_CH20393  
Tested by: Karl Lee

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark |
|------|---------|--------|------------|------------|------------|--------|--------|
|      | MHz     | dBm    | dBm        | dBm        | dB         | dB     |        |
| 1    | 3508.60 | -52.04 | -66.32     | -13.00     | -39.04     | 14.28  | Peak   |
| 2 pp | 5262.90 | -47.30 | -67.50     | -13.00     | -34.30     | 20.20  | Peak   |

Channel Bandwidth: 5 MHz / QPSK

Low Channel

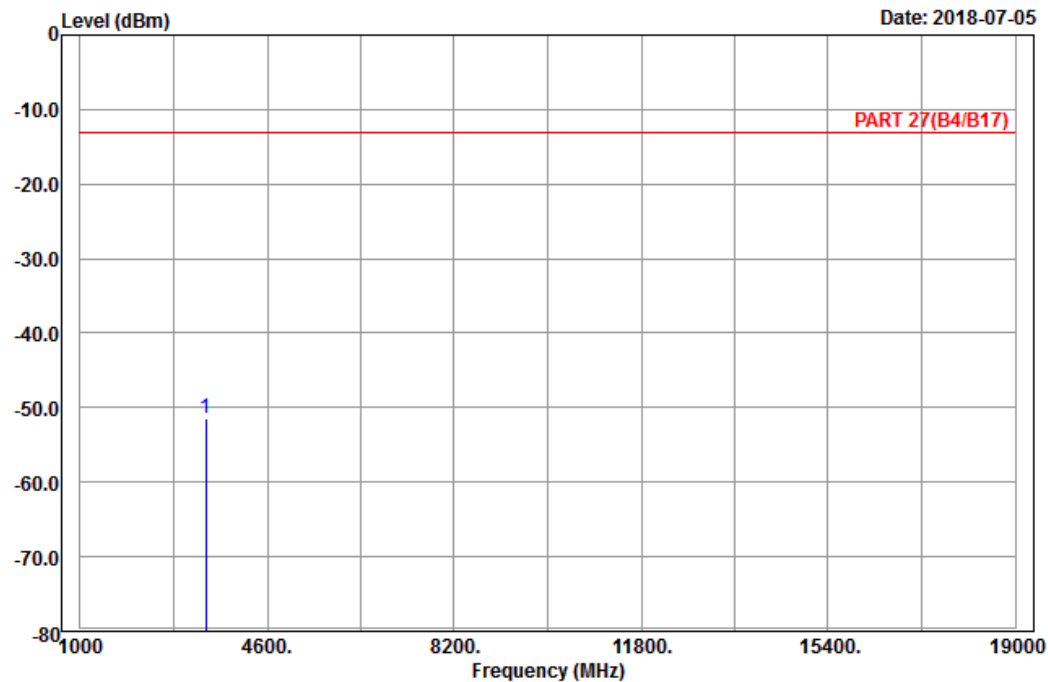


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2018-07-05



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Horizontal  
Remark : LTE\_Band 4\_Link\_CH19975  
Tested by: Karl Lee

|              |        | Read   | Limit  | Over   |        |        |
|--------------|--------|--------|--------|--------|--------|--------|
| Freq         | Level  | Level  | Line   | Limit  | Factor | Remark |
| MHz          | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1 pp 3425.00 | -51.55 | -65.92 | -13.00 | -38.55 | 14.37  | Peak   |

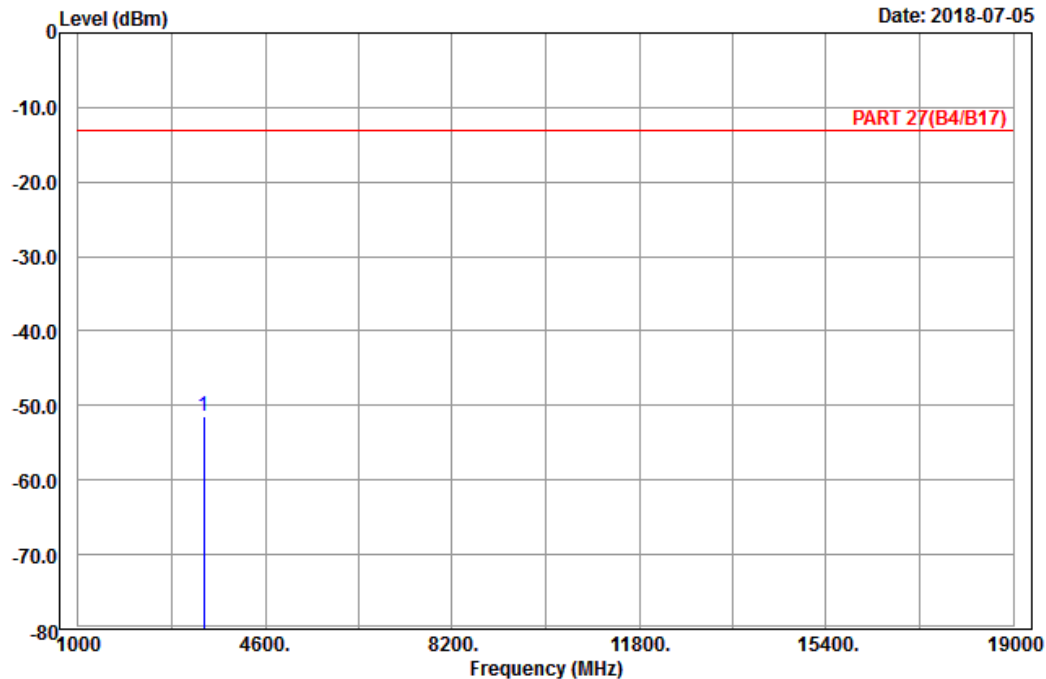


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-07-05



Site : 966 chamber 1  
 Condition: PART 27(B4/B17) Vertical  
 Remark : LTE\_Band 4\_Link\_CH19975  
 Tested by: Karl Lee

|              |        | Read   | Limit  | Over   |        |        |
|--------------|--------|--------|--------|--------|--------|--------|
| Freq         | Level  | Level  | Line   | Limit  | Factor | Remark |
| MHz          | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1 pp 3425.00 | -51.43 | -65.80 | -13.00 | -38.43 | 14.37  | Peak   |

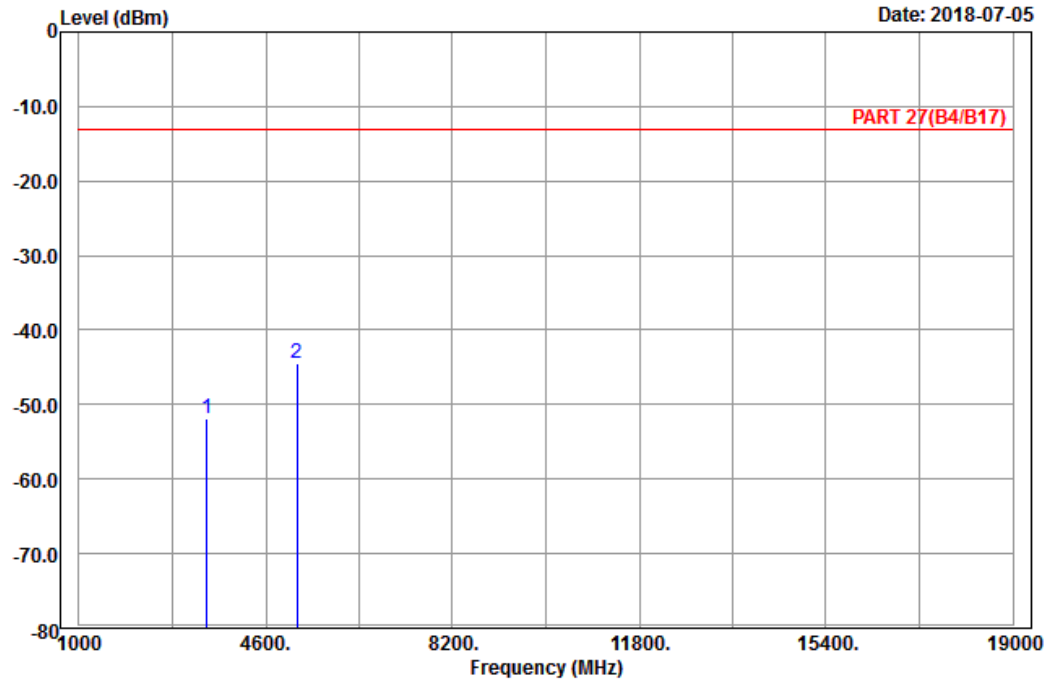
# Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9



Site : 966 chamber 1  
 Condition: PART 27(B4/B17) Horizontal  
 Remark : LTE\_Band 4\_Link\_CH20175  
 Tested by: Karl Lee

|      |         | Read   | Limit  | Over   |        |        |      |
|------|---------|--------|--------|--------|--------|--------|------|
| Freq | Level   | Level  | Line   | Limit  | Factor | Remark |      |
| MHz  | dBm     | dBm    | dBm    | dB     | dB     |        |      |
| 1    | 3465.00 | -51.88 | -66.22 | -13.00 | -38.88 | 14.34  | Peak |
| 2    | 5197.50 | -44.52 | -64.64 | -13.00 | -31.52 | 20.12  | Peak |

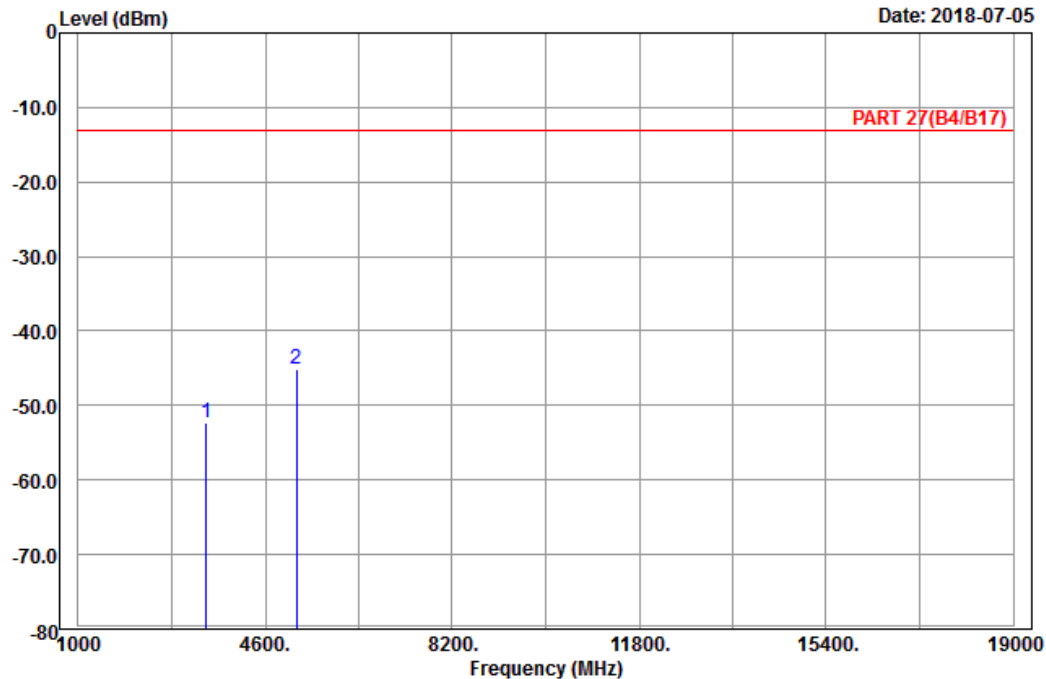


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-07-05



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Vertical  
Remark : LTE\_Band 4\_Link\_CH20175  
Tested by: Karl Lee

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark |
|------|---------|--------|------------|------------|------------|--------|--------|
|      | MHz     | dBm    | dBm        | dBm        | dB         | dB     |        |
| 1    | 3465.00 | -52.24 | -66.58     | -13.00     | -39.24     | 14.34  | Peak   |
| 2 pp | 5197.50 | -45.14 | -65.26     | -13.00     | -32.14     | 20.12  | Peak   |

# High Channel

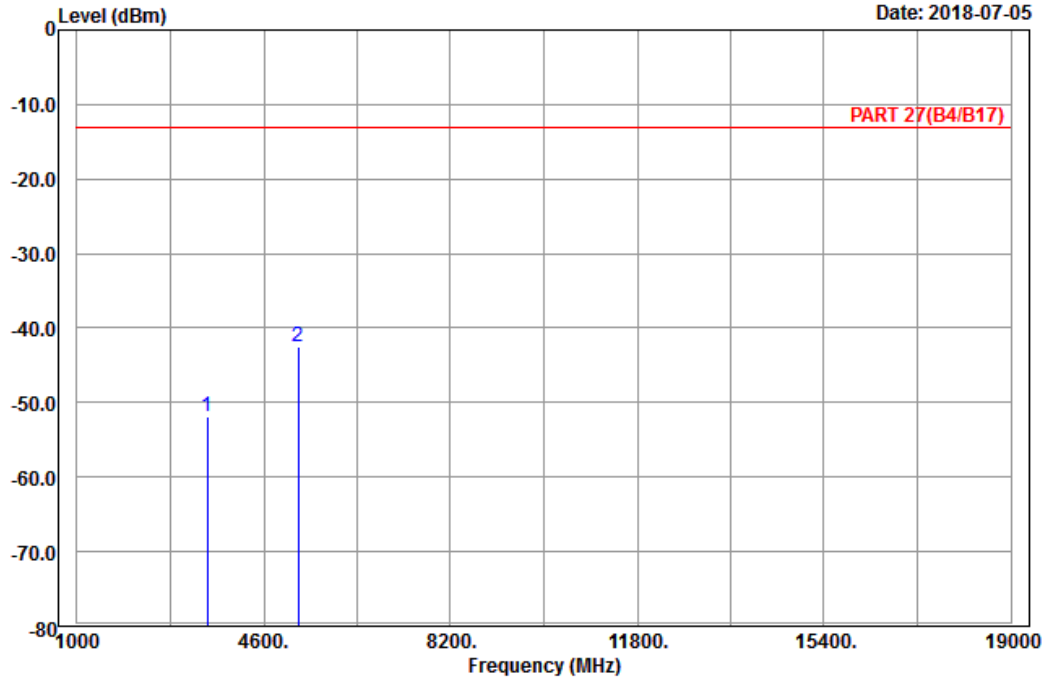


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2018-07-05



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Horizontal  
Remark : LTE\_Band 4\_Link\_CH20375  
Tested by: Karl Lee

|      |         |        | Read   | Limit  | Over   |        |      |
|------|---------|--------|--------|--------|--------|--------|------|
| Freq | Level   | Level  | Line   | Limit  | Factor | Remark |      |
| MHz  | dBm     | dBm    | dBm    | dB     | dB     |        |      |
| 1    | 3505.00 | -51.95 | -66.23 | -13.00 | -38.95 | 14.28  | Peak |
| 2 pp | 5257.50 | -42.54 | -62.74 | -13.00 | -29.54 | 20.20  | Peak |

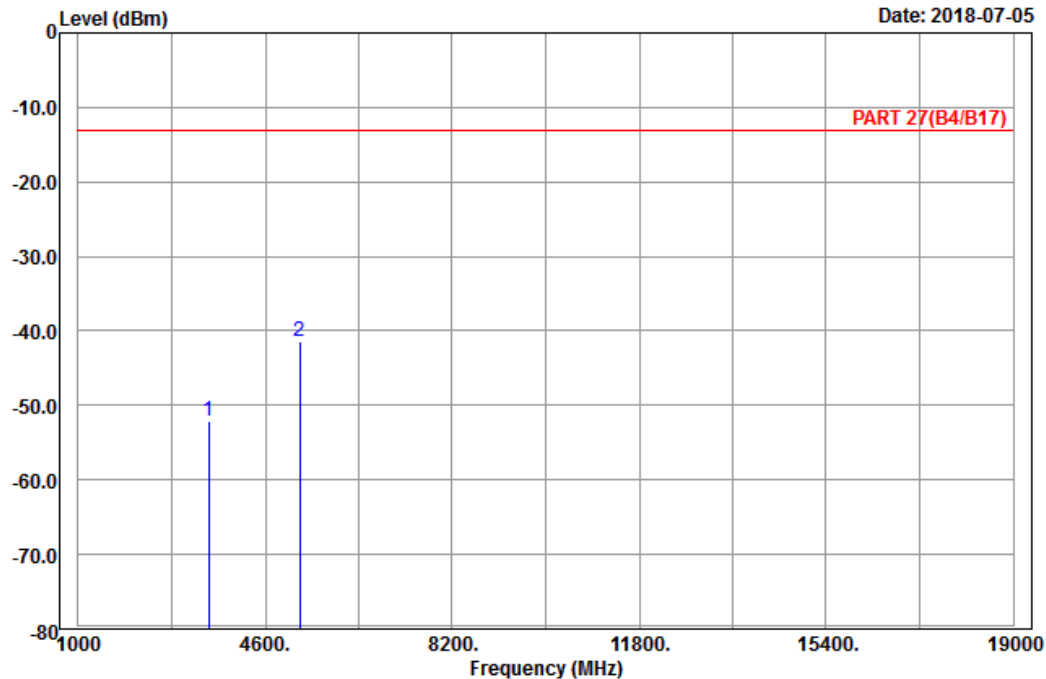


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-07-05



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Vertical  
Remark : LTE\_Band 4\_Link\_CH20375  
Tested by: Karl Lee

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark |
|------|---------|--------|------------|------------|------------|--------|--------|
|      | MHz     | dBm    | dBm        | dBm        | dB         | dB     |        |
| 1    | 3505.00 | -52.07 | -66.35     | -13.00     | -39.07     | 14.28  | Peak   |
| 2 pp | 5257.50 | -41.48 | -61.68     | -13.00     | -28.48     | 20.20  | Peak   |

Channel Bandwidth: 20 MHz / QPSK

Low Channel

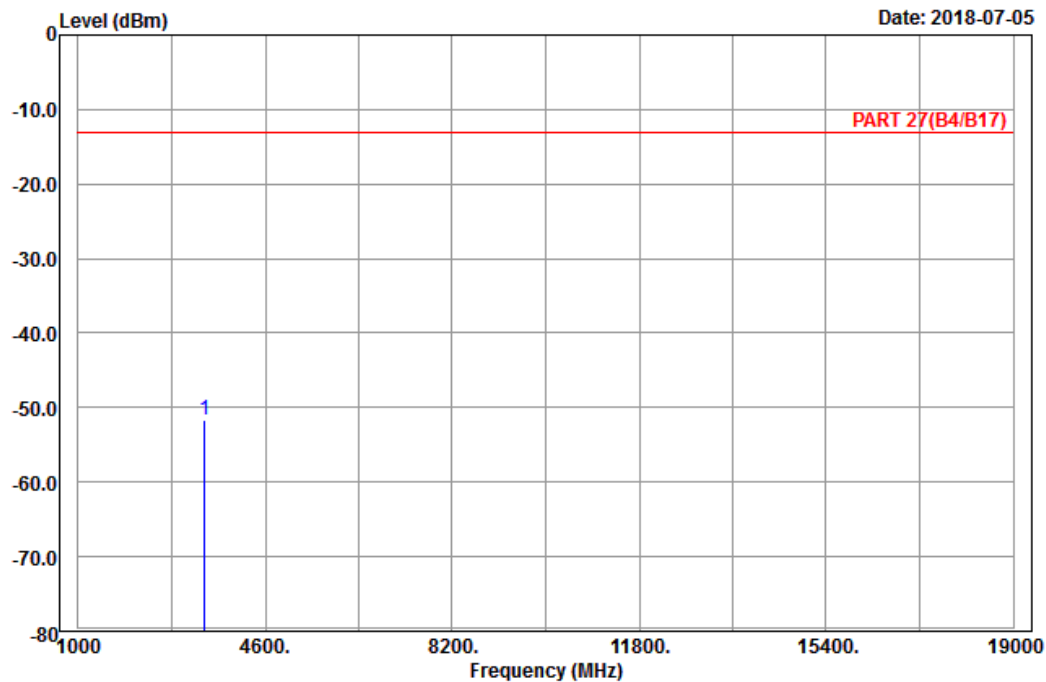


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2018-07-05



Site : 966 chamber 1

Condition: PART 27(B4/B17) Horizontal

Remark : LTE\_Band 4\_Link\_CH20050

Tested by: Karl Lee

|              |        | Read   | Limit  | Over   |        |        |
|--------------|--------|--------|--------|--------|--------|--------|
| Freq         | Level  | Level  | Line   | Limit  | Factor | Remark |
| MHz          | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1 pp 3440.00 | -51.77 | -66.12 | -13.00 | -38.77 | 14.35  | Peak   |

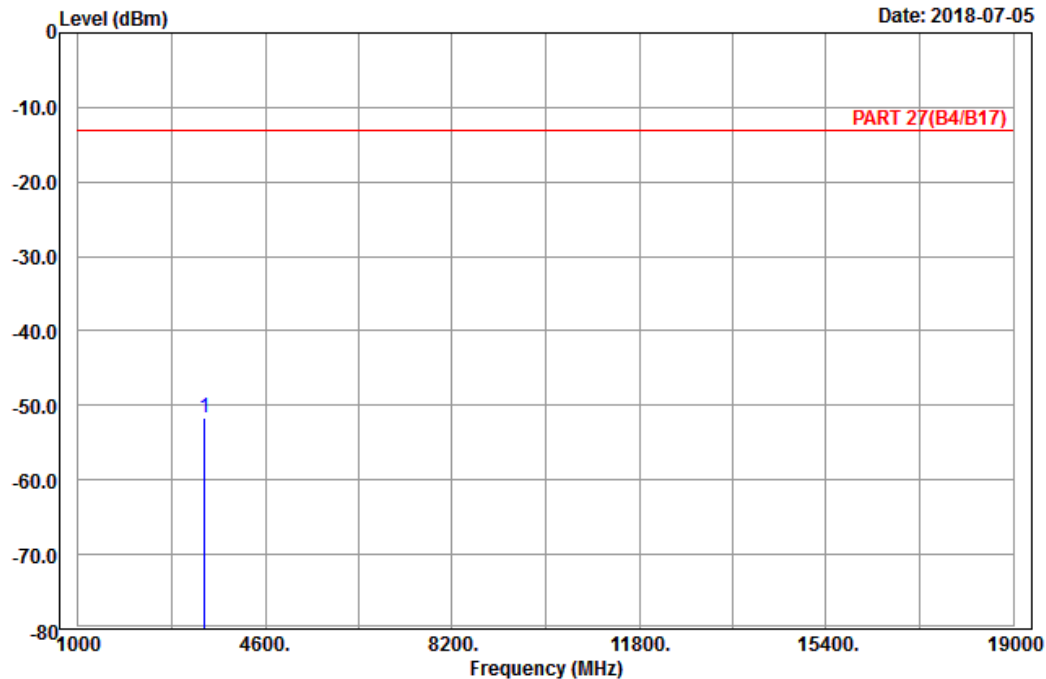


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-07-05



Site : 966 chamber 1  
 Condition: PART 27(B4/B17) Vertical  
 Remark : LTE\_Band 4\_Link\_CH20050  
 Tested by: Karl Lee

|              |        | Read   | Limit  | Over   |        |        |
|--------------|--------|--------|--------|--------|--------|--------|
| Freq         | Level  | Level  | Line   | Limit  | Factor | Remark |
| MHz          | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1 pp 3440.00 | -51.62 | -65.97 | -13.00 | -38.62 | 14.35  | Peak   |

# Middle Channel

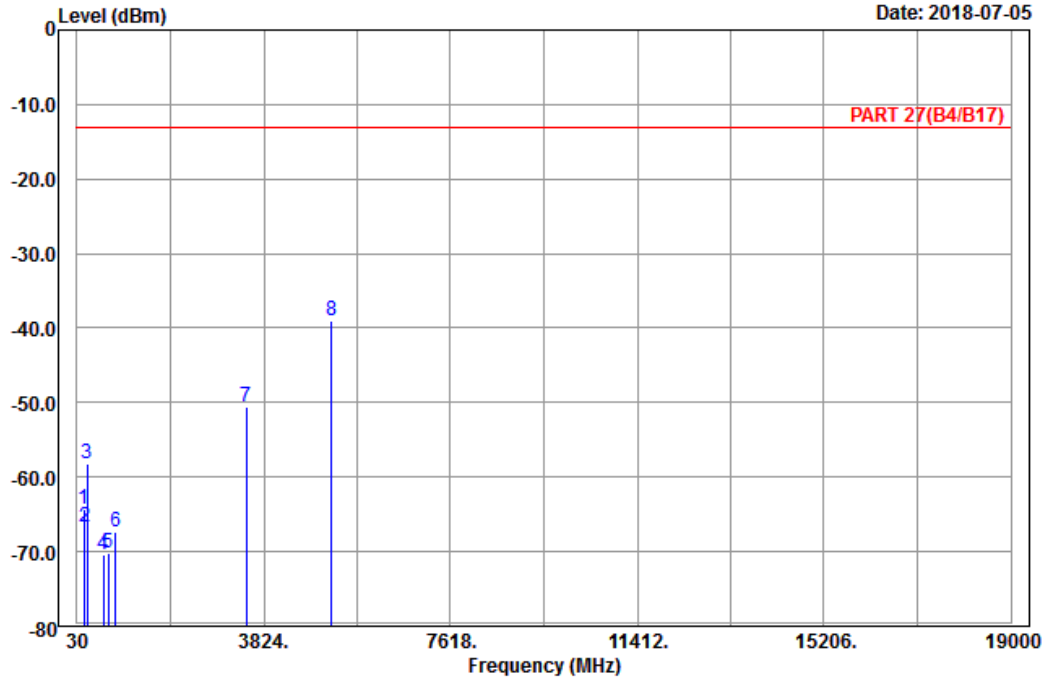


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 13

Date: 2018-07-05



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Horizontal  
Remark : LTE\_Band 4\_Link\_CH20175  
Tested by: Karl Lee

|      |         |        | Read   | Limit  | Over   |        |        |
|------|---------|--------|--------|--------|--------|--------|--------|
|      | Freq    | Level  | Level  | Line   | Limit  | Factor | Remark |
|      | MHz     | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1    | 166.89  | -64.20 | -57.21 | -13.00 | -51.20 | -6.99  | Peak   |
| 2    | 194.43  | -66.75 | -60.79 | -13.00 | -53.75 | -5.96  | Peak   |
| 3    | 230.34  | -58.10 | -52.33 | -13.00 | -45.10 | -5.77  | Peak   |
| 4    | 570.20  | -70.42 | -69.60 | -13.00 | -57.42 | -0.82  | Peak   |
| 5    | 670.30  | -70.20 | -69.97 | -13.00 | -57.20 | -0.23  | Peak   |
| 6    | 820.80  | -67.42 | -69.20 | -13.00 | -54.42 | 1.78   | Peak   |
| 7    | 3465.00 | -50.54 | -64.88 | -13.00 | -37.54 | 14.34  | Peak   |
| 8 pp | 5196.00 | -39.06 | -59.18 | -13.00 | -26.06 | 20.12  | Peak   |

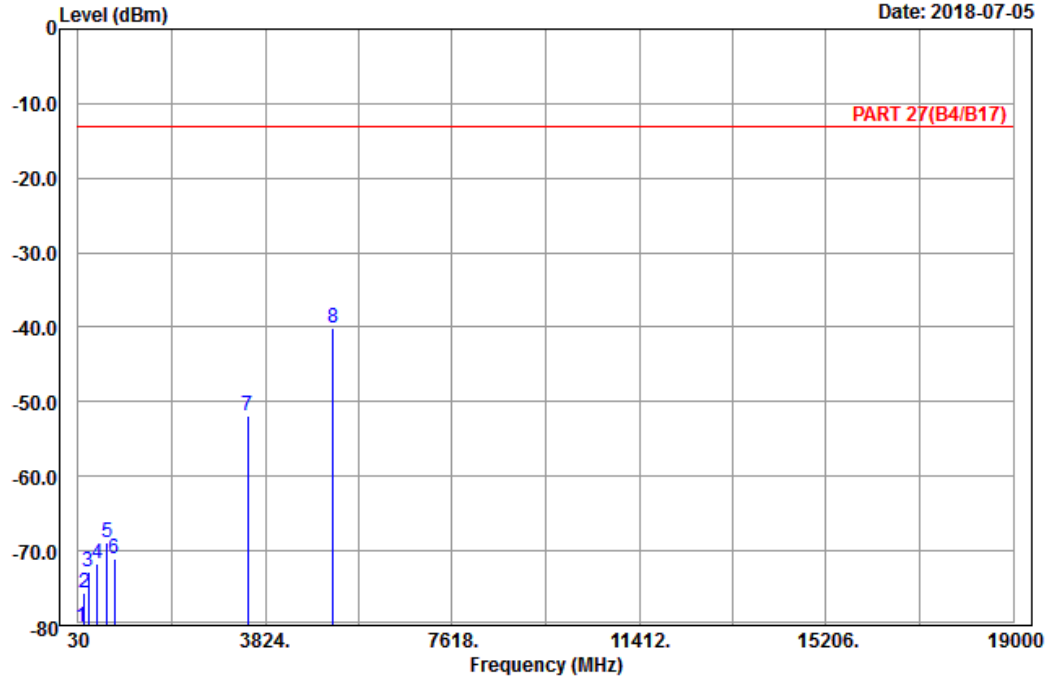


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 14

Date: 2018-07-05



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Vertical  
Remark : LTE\_Band 4\_Link\_CH20175  
Tested by: Karl Lee

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark |
|------|---------|--------|------------|------------|------------|--------|--------|
|      | MHz     | dBm    | dBm        | dBm        | dB         | dB     |        |
| 1    | 99.12   | -80.17 | -69.99     | -13.00     | -67.17     | -10.18 | Peak   |
| 2    | 150.15  | -75.59 | -67.64     | -13.00     | -62.59     | -7.95  | Peak   |
| 3    | 230.34  | -72.78 | -67.01     | -13.00     | -59.78     | -5.77  | Peak   |
| 4    | 416.20  | -71.82 | -68.72     | -13.00     | -58.82     | -3.10  | Peak   |
| 5    | 616.40  | -68.86 | -69.10     | -13.00     | -55.86     | 0.24   | Peak   |
| 6    | 771.10  | -71.01 | -71.10     | -13.00     | -58.01     | 0.09   | Peak   |
| 7    | 3465.00 | -51.87 | -66.21     | -13.00     | -38.87     | 14.34  | Peak   |
| 8 pp | 5197.50 | -40.12 | -60.24     | -13.00     | -27.12     | 20.12  | Peak   |

# High Channel

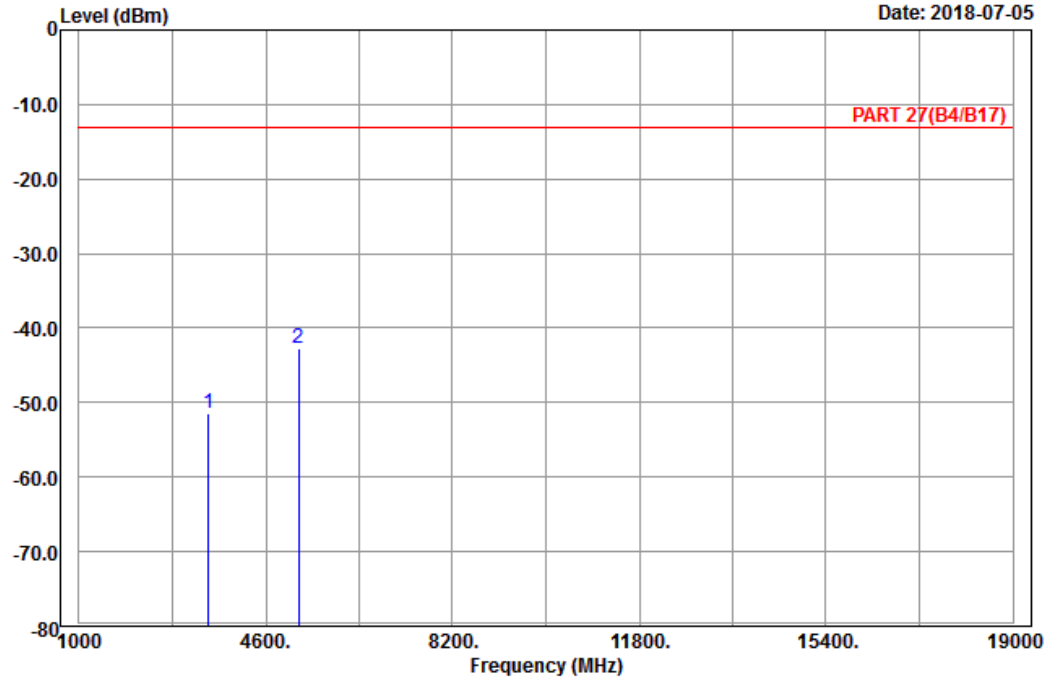


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2018-07-05



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Horizontal  
Remark : LTE\_Band 4\_Link\_CH20300  
Tested by: Karl Lee

|      |         |        | Read   | Limit  | Over   |        |      |
|------|---------|--------|--------|--------|--------|--------|------|
| Freq | Level   | Level  | Line   | Limit  | Factor | Remark |      |
| MHz  | dBm     | dBm    | dBm    | dB     | dB     |        |      |
| 1    | 3490.00 | -51.34 | -65.65 | -13.00 | -38.34 | 14.31  | Peak |
| 2 pp | 5235.00 | -42.63 | -62.79 | -13.00 | -29.63 | 20.16  | Peak |

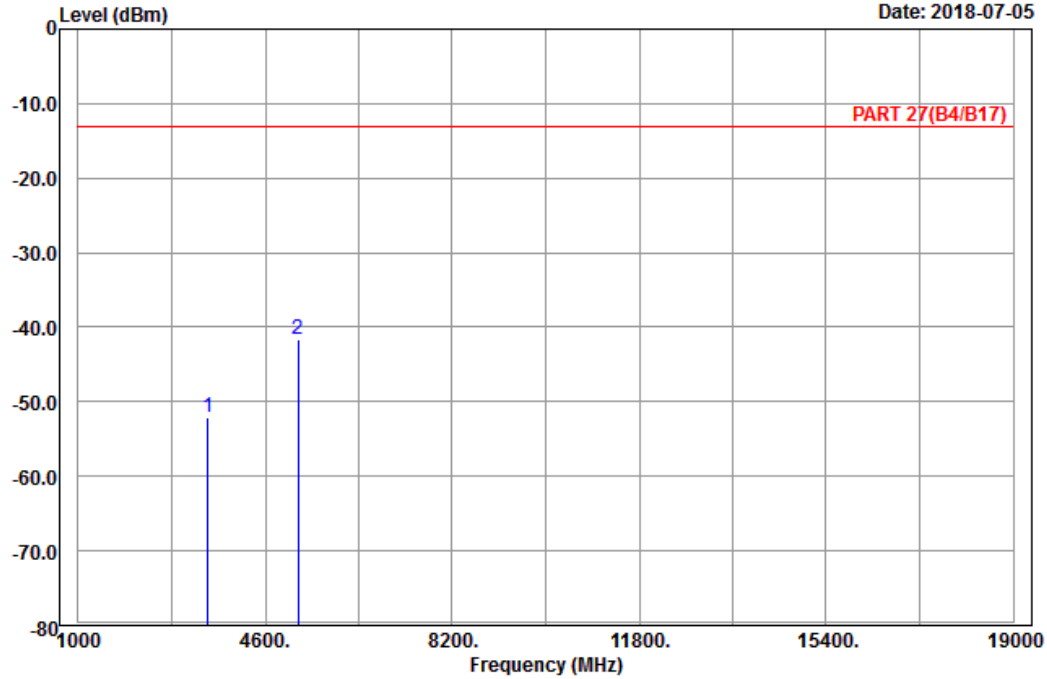


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-07-05



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Vertical  
Remark : LTE\_Band 4\_Link\_CH20300  
Tested by: Karl Lee

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark |
|------|---------|--------|------------|------------|------------|--------|--------|
|      | MHz     | dBm    | dBm        | dBm        | dB         | dB     |        |
| 1    | 3490.00 | -51.99 | -66.30     | -13.00     | -38.99     | 14.31  | Peak   |
| 2 pp | 5235.00 | -41.71 | -61.87     | -13.00     | -28.71     | 20.16  | Peak   |

LTE Band 12  
Channel Bandwidth: 1.4 MHz / QPSK  
Low Channel

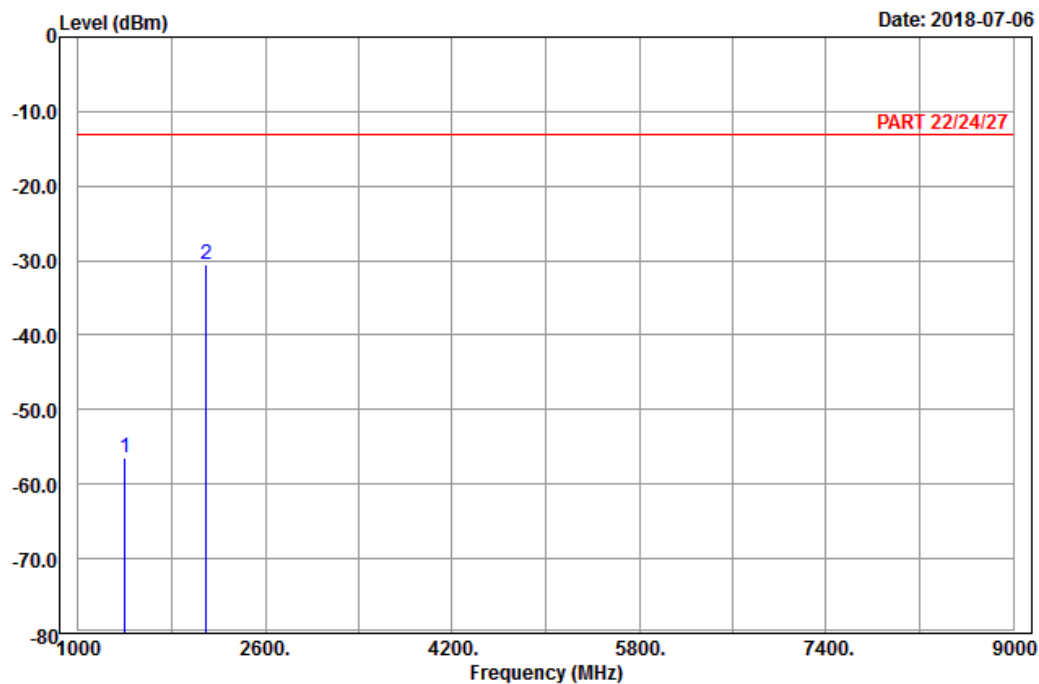


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5

Date: 2018-07-06



Site : 966 chamber 1  
Condition: PART 22/24/27 Horizontal  
Remark : LTE\_Band 12\_Link\_CH23017  
Tested by: Harry Hsueh

|      |         | Read   | Limit  | Over   |        |               |
|------|---------|--------|--------|--------|--------|---------------|
|      | Freq    | Level  | Level  | Line   | Limit  | Factor Remark |
|      | MHz     | dBm    | dBm    | dBm    | dB     | dB            |
| 1    | 1399.40 | -56.46 | -62.56 | -13.00 | -43.46 | 6.10 Peak     |
| 2 pp | 2099.10 | -30.46 | -41.39 | -13.00 | -17.46 | 10.93 Peak    |

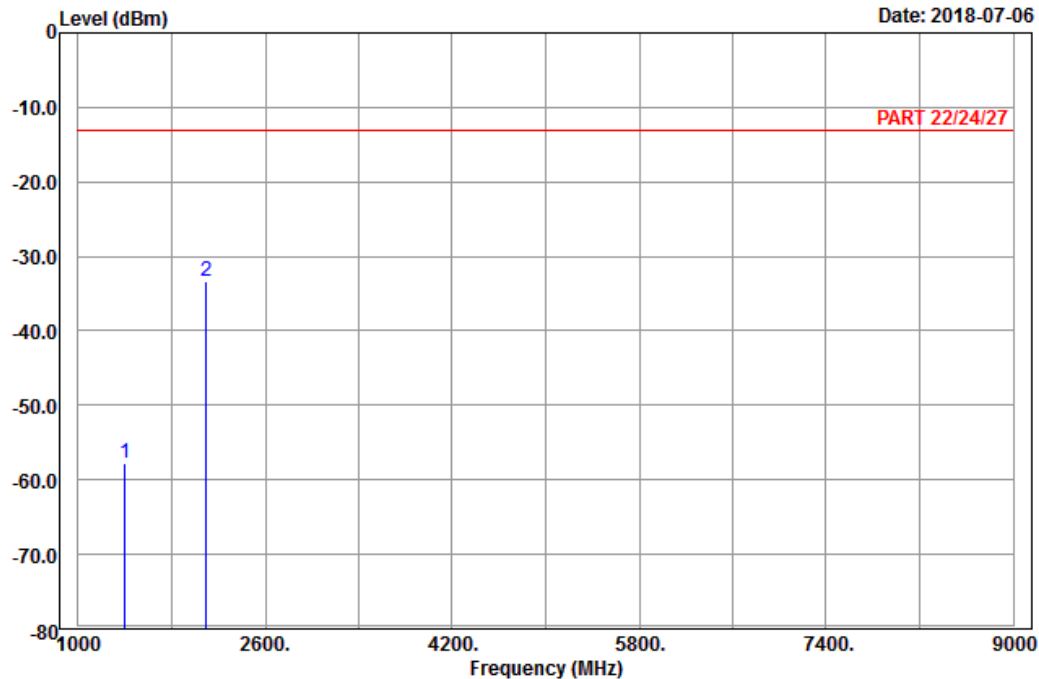


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2018-07-06



Site : 966 chamber 1  
Condition: PART 22/24/27 Vertical  
Remark : LTE\_Band 12\_Link\_CH23017  
Tested by: Harry Hsueh

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark |
|------|---------|--------|------------|------------|------------|--------|--------|
|      | MHz     | dBm    | dBm        | dBm        | dB         | dB     |        |
| 1    | 1399.40 | -57.80 | -63.90     | -13.00     | -44.80     | 6.10   | Peak   |
| 2 pp | 2099.10 | -33.28 | -44.21     | -13.00     | -20.28     | 10.93  | Peak   |

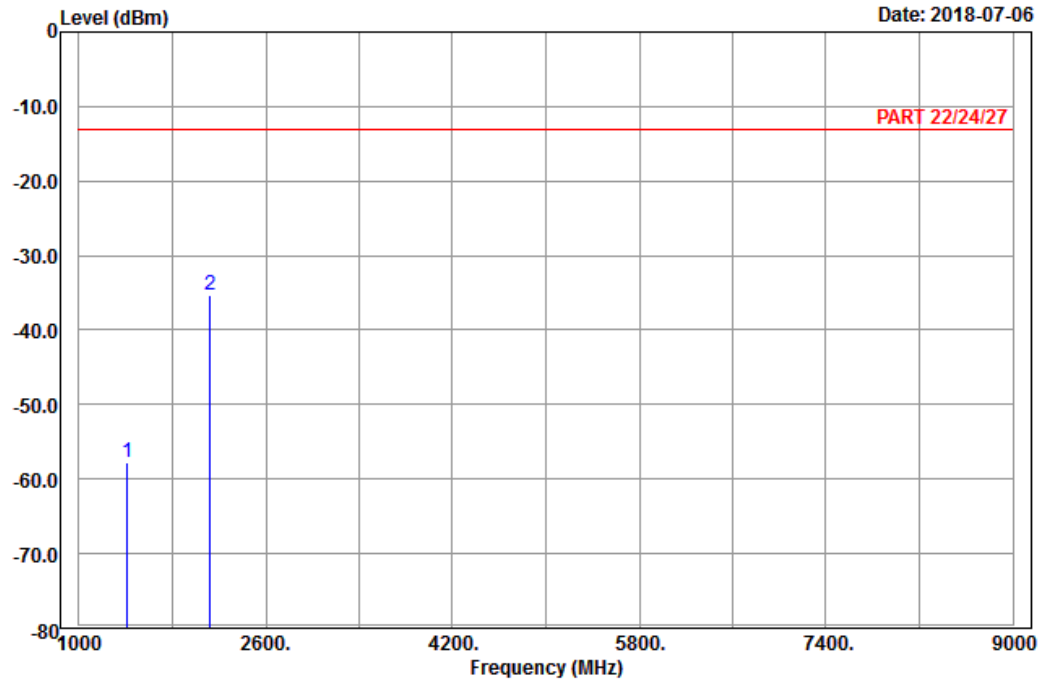
# Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5



Site : 966 chamber 1  
Condition: PART 22/24/27 Horizontal  
Remark : LTE\_Band 12\_Link\_CH23095  
Tested by: Harry Hsueh

|      |         |        | Read   | Limit  | Over   |        |      |
|------|---------|--------|--------|--------|--------|--------|------|
| Freq | Level   | Level  | Line   | Limit  | Factor | Remark |      |
| MHz  | dBm     | dBm    | dBm    | dB     | dB     |        |      |
| 1    | 1415.00 | -57.81 | -64.17 | -13.00 | -44.81 | 6.36   | Peak |
| 2 pp | 2122.50 | -35.25 | -46.36 | -13.00 | -22.25 | 11.11  | Peak |

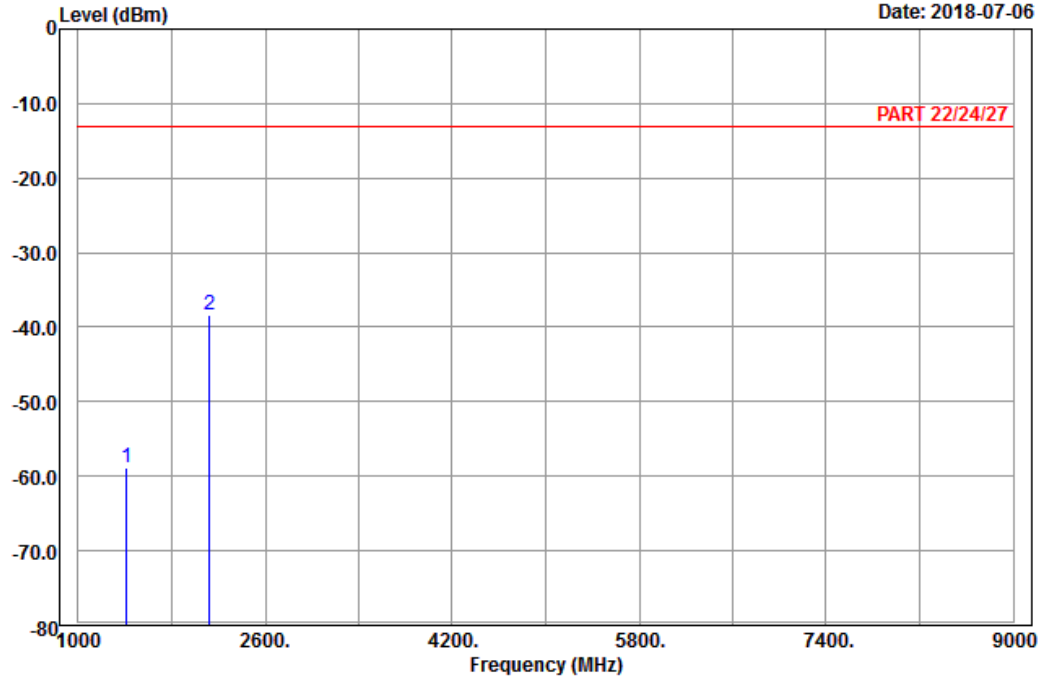


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2018-07-06



Site : 966 chamber 1  
Condition: PART 22/24/27 Vertical  
Remark : LTE\_Band 12\_Link\_CH23095  
Tested by: Harry Hsueh

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark |
|------|---------|--------|------------|------------|------------|--------|--------|
|      | MHz     | dBm    | dBm        | dBm        | dB         | dB     |        |
| 1    | 1415.00 | -58.86 | -65.22     | -13.00     | -45.86     | 6.36   | Peak   |
| 2 pp | 2122.50 | -38.31 | -49.42     | -13.00     | -25.31     | 11.11  | Peak   |

# High Channel

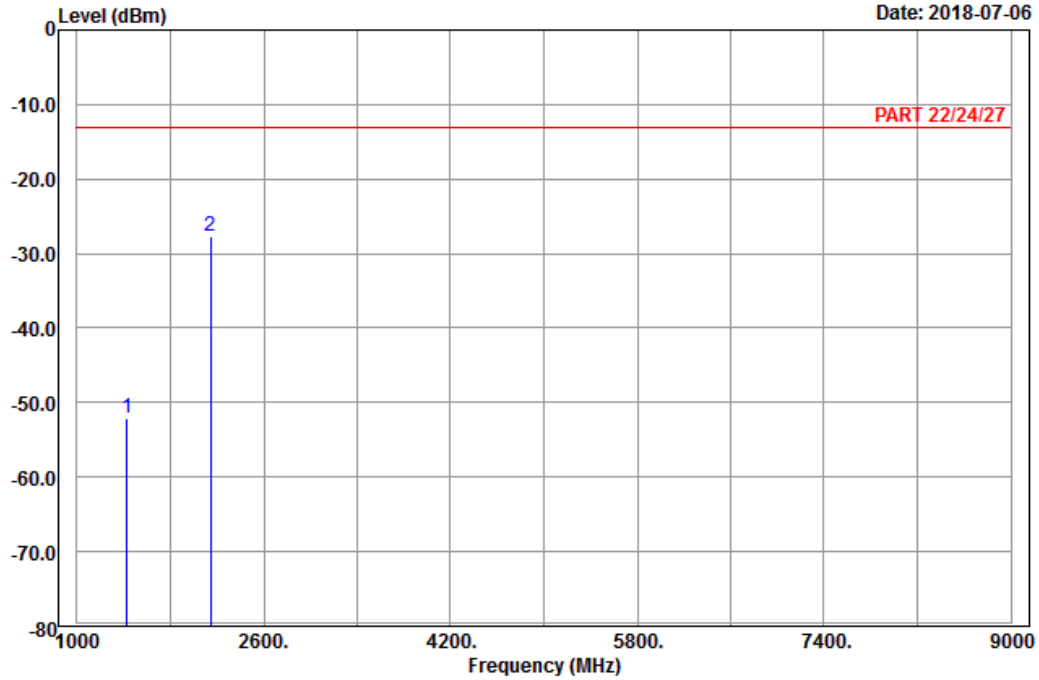


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5

Date: 2018-07-06



Site : 966 chamber 1

Condition: PART 22/24/27 Horizontal

Remark : LTE\_Band 12\_Link\_CH23173

Tested by: Harry Hsueh

|   |            |        | Read   | Limit  | Over   |        |        |
|---|------------|--------|--------|--------|--------|--------|--------|
|   | Freq       | Level  | Level  | Line   | Limit  | Factor | Remark |
|   | MHz        | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1 | 1430.60    | -52.06 | -58.30 | -13.00 | -39.06 | 6.24   | Peak   |
| 2 | pp 2145.90 | -27.72 | -38.97 | -13.00 | -14.72 | 11.25  | Peak   |

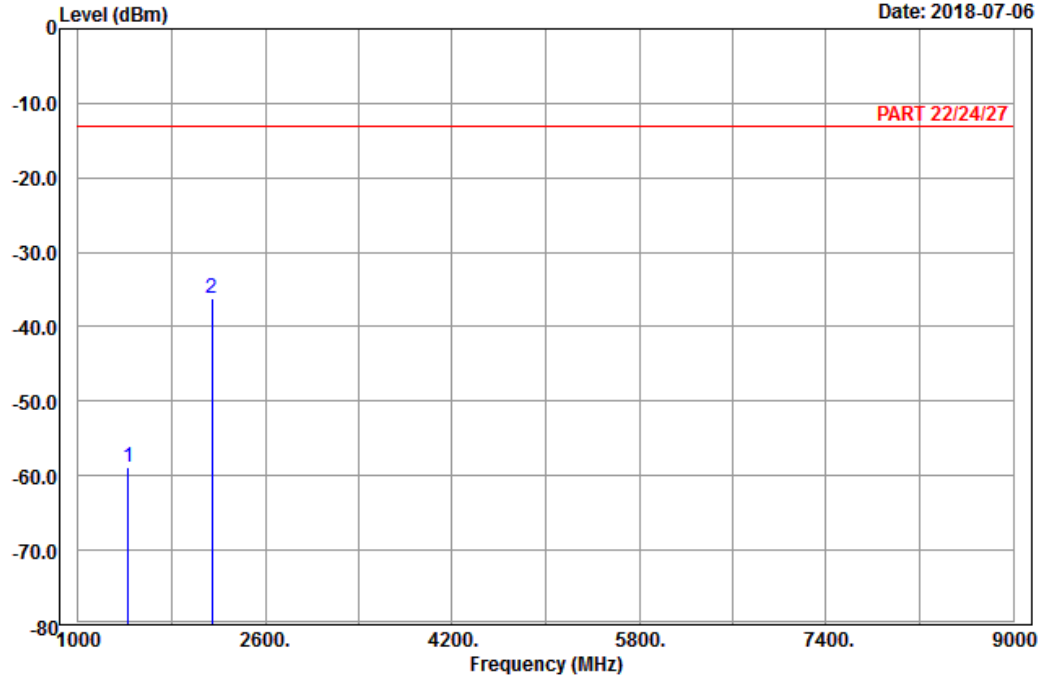


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2018-07-06



Site : 966 chamber 1  
Condition: PART 22/24/27 Vertical  
Remark : LTE\_Band 12\_Link\_CH23173  
Tested by: Harry Hsueh

|      |         |        | Read   | Limit  | Over   |        |        |
|------|---------|--------|--------|--------|--------|--------|--------|
|      | Freq    | Level  | Level  | Line   | Limit  | Factor | Remark |
|      | MHz     | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1    | 1430.60 | -58.96 | -65.20 | -13.00 | -45.96 | 6.24   | Peak   |
| 2 pp | 2145.90 | -36.26 | -47.51 | -13.00 | -23.26 | 11.25  | Peak   |

Channel Bandwidth: 5 MHz / QPSK

Low Channel

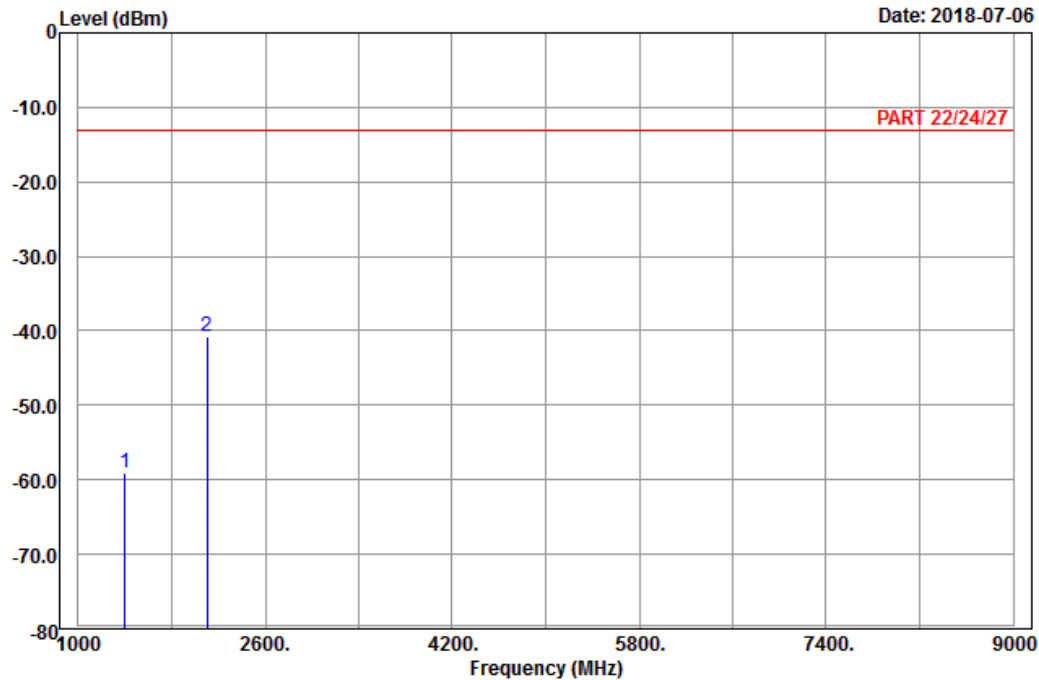


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5

Date: 2018-07-06



Site : 966 chamber 1  
Condition: PART 22/24/27 Horizontal  
Remark : LTE\_Band 12\_Link\_CH23035  
Tested by: Harry Hsueh

|      |         | Read   | Limit  | Over   |        |        |        |
|------|---------|--------|--------|--------|--------|--------|--------|
|      | Freq    | Level  | Level  | Line   | Limit  | Factor | Remark |
|      | MHz     | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1    | 1403.00 | -59.02 | -65.12 | -13.00 | -46.02 | 6.10   | Peak   |
| 2 pp | 2104.50 | -40.81 | -51.74 | -13.00 | -27.81 | 10.93  | Peak   |

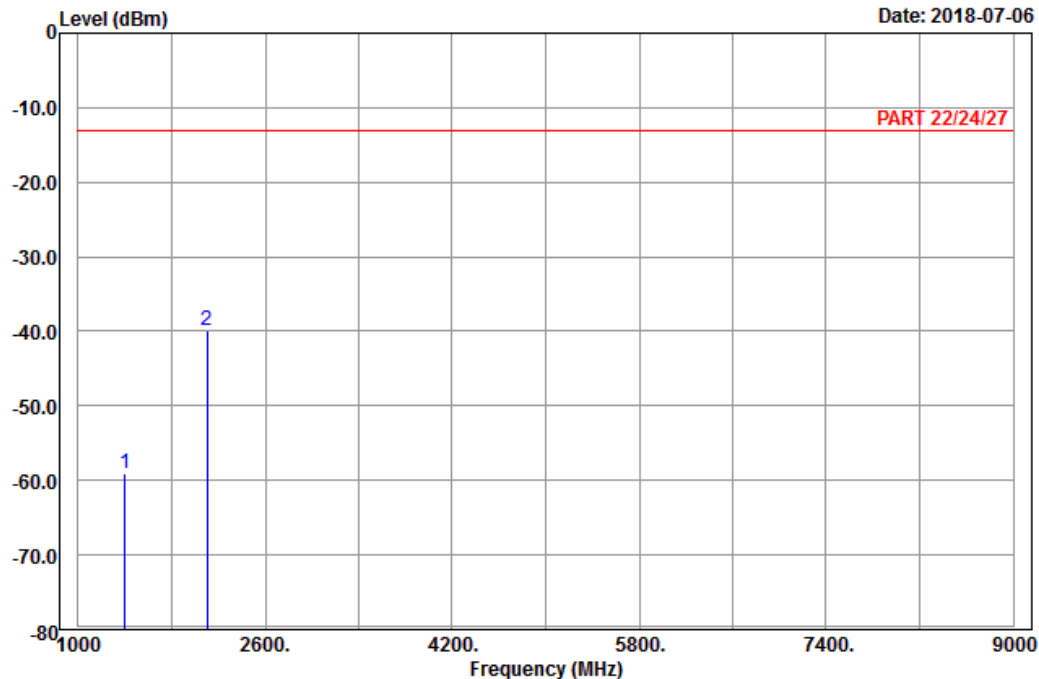


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2018-07-06



Site : 966 chamber 1  
Condition: PART 22/24/27 Vertical  
Remark : LTE\_Band 12\_Link\_CH23035  
Tested by: Harry Hsueh

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark |
|------|---------|--------|------------|------------|------------|--------|--------|
|      | MHz     | dBm    | dBm        | dBm        | dB         | dB     |        |
| 1    | 1403.00 | -59.16 | -65.26     | -13.00     | -46.16     | 6.10   | Peak   |
| 2 pp | 2104.50 | -39.92 | -50.85     | -13.00     | -26.92     | 10.93  | Peak   |

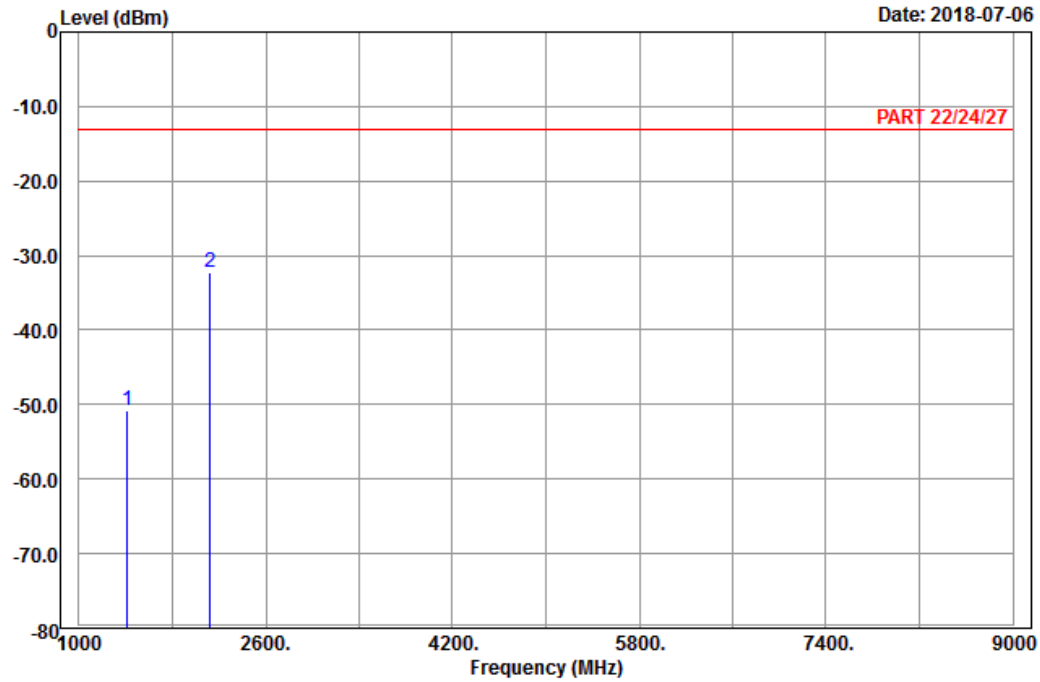
# Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5



Site : 966 chamber 1  
 Condition: PART 22/24/27 Horizontal  
 Remark : LTE\_Band 12\_Link\_CH23095  
 Tested by: Harry Hsueh

|      |         |        | Read   | Limit  | Over   |        |      |
|------|---------|--------|--------|--------|--------|--------|------|
| Freq | Level   | Level  | Line   | Limit  | Factor | Remark |      |
| MHz  | dBm     | dBm    | dBm    | dB     | dB     |        |      |
| 1    | 1415.00 | -50.75 | -57.11 | -13.00 | -37.75 | 6.36   | Peak |
| 2 pp | 2122.50 | -32.21 | -43.32 | -13.00 | -19.21 | 11.11  | Peak |

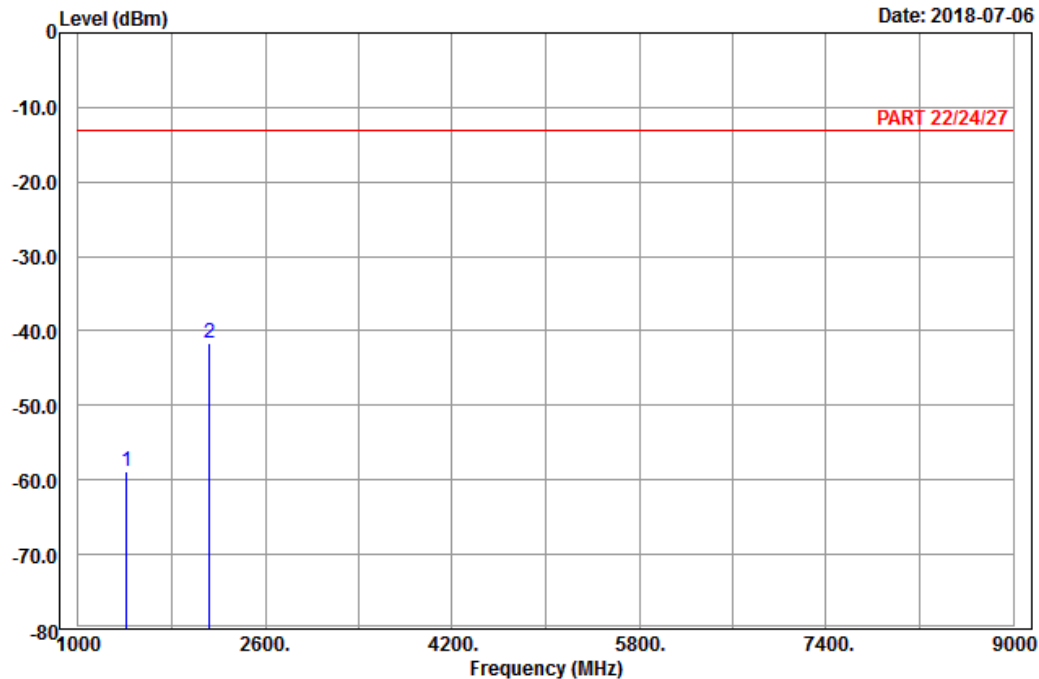


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2018-07-06



Site : 966 chamber 1  
Condition: PART 22/24/27 Vertical  
Remark : LTE\_Band 12\_Link\_CH23095  
Tested by: Harry Hsueh

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark |
|------|---------|--------|------------|------------|------------|--------|--------|
|      | MHz     | dBm    | dBm        | dBm        | dB         | dB     |        |
| 1    | 1415.00 | -58.90 | -65.26     | -13.00     | -45.90     | 6.36   | Peak   |
| 2 pp | 2122.50 | -41.72 | -52.83     | -13.00     | -28.72     | 11.11  | Peak   |

# High Channel

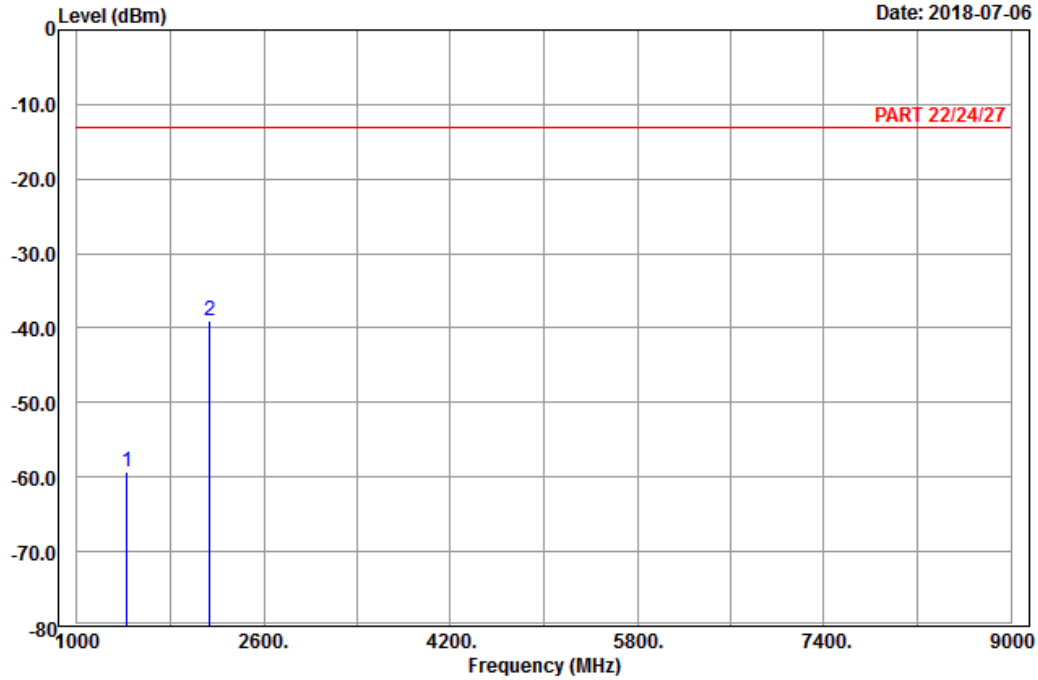


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5

Date: 2018-07-06



Site : 966 chamber 1  
Condition: PART 22/24/27 Horizontal  
Remark : LTE\_Band 12\_Link\_CH23155  
Tested by: Harry Hsueh

|      |         | Read   | Limit  | Over   |        |            |
|------|---------|--------|--------|--------|--------|------------|
| Freq | Level   | Level  | Line   | Limit  | Factor | Remark     |
| MHz  | dBm     | dBm    | dBm    | dB     | dB     |            |
| 1    | 1427.00 | -59.20 | -65.44 | -13.00 | -46.20 | 6.24 Peak  |
| 2 pp | 2140.50 | -39.11 | -50.39 | -13.00 | -26.11 | 11.28 Peak |

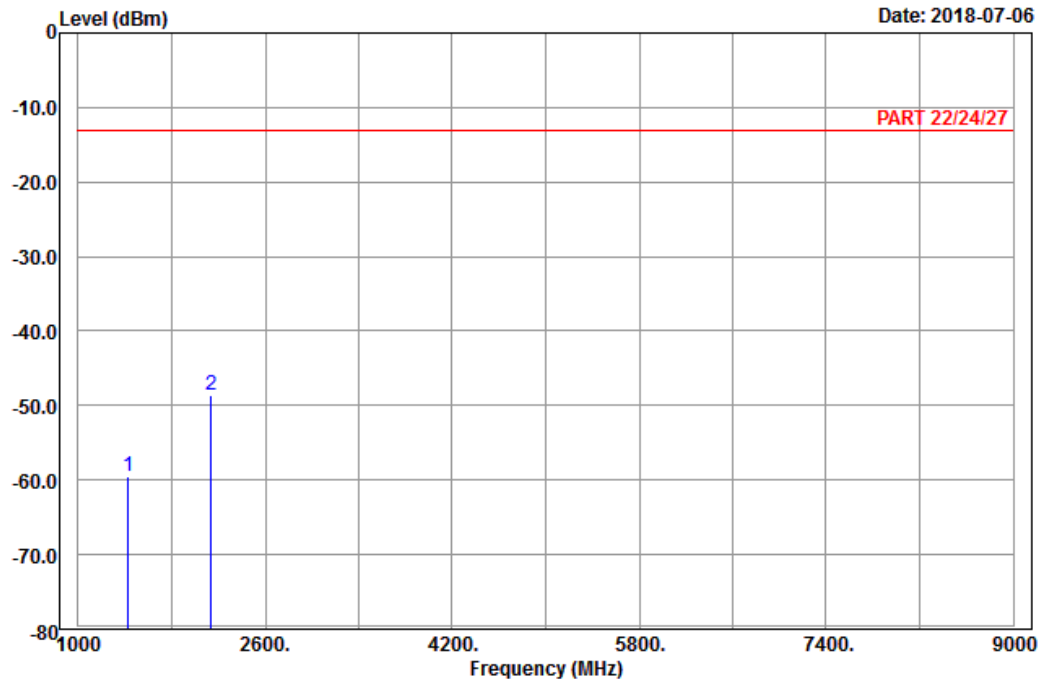


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2018-07-06



Site : 966 chamber 1  
Condition: PART 22/24/27 Vertical  
Remark : LTE\_Band 12\_Link\_CH23155  
Tested by: Harry Hsueh

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark |
|------|---------|--------|------------|------------|------------|--------|--------|
|      | MHz     | dBm    | dBm        | dBm        | dB         | dB     |        |
| 1    | 1427.00 | -59.46 | -65.70     | -13.00     | -46.46     | 6.24   | Peak   |
| 2 pp | 2140.50 | -48.51 | -59.79     | -13.00     | -35.51     | 11.28  | Peak   |

Channel Bandwidth: 10 MHz / QPSK  
Low Channel

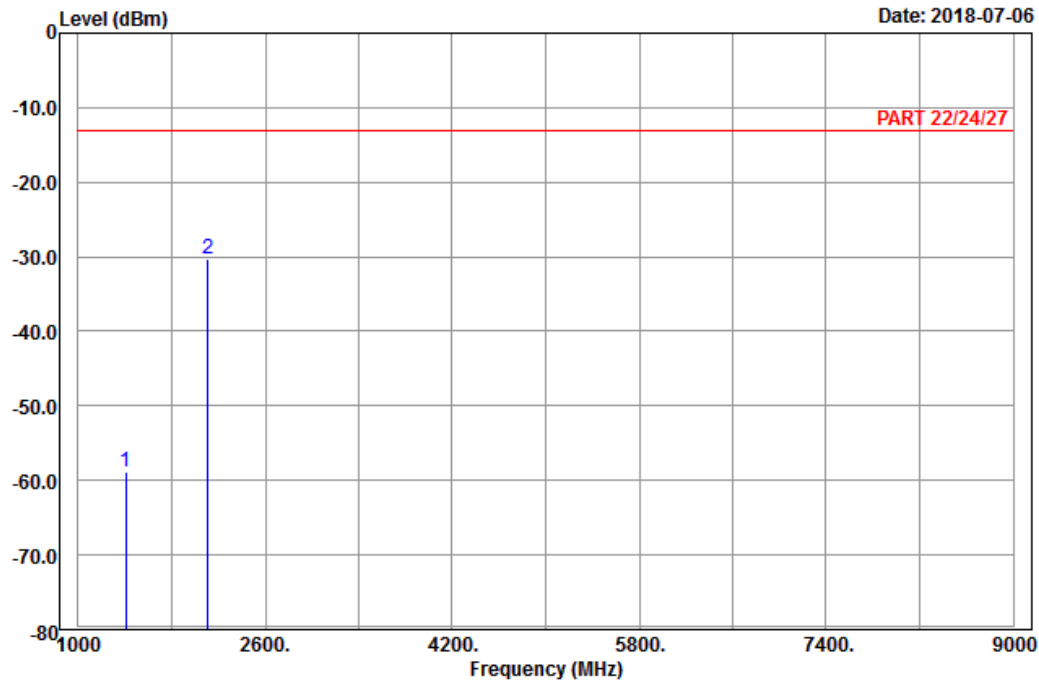


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5

Date: 2018-07-06



Site : 966 chamber 1  
Condition: PART 22/24/27 Horizontal  
Remark : LTE\_Band 12\_Link\_CH23060  
Tested by: Karl Lee

|      |         | Read   | Limit  | Over   |        |        |        |
|------|---------|--------|--------|--------|--------|--------|--------|
|      | Freq    | Level  | Level  | Line   | Limit  | Factor | Remark |
|      | MHz     | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1    | 1408.00 | -58.90 | -65.26 | -13.00 | -45.90 | 6.36   | Peak   |
| 2 pp | 2112.00 | -30.28 | -41.39 | -13.00 | -17.28 | 11.11  | Peak   |

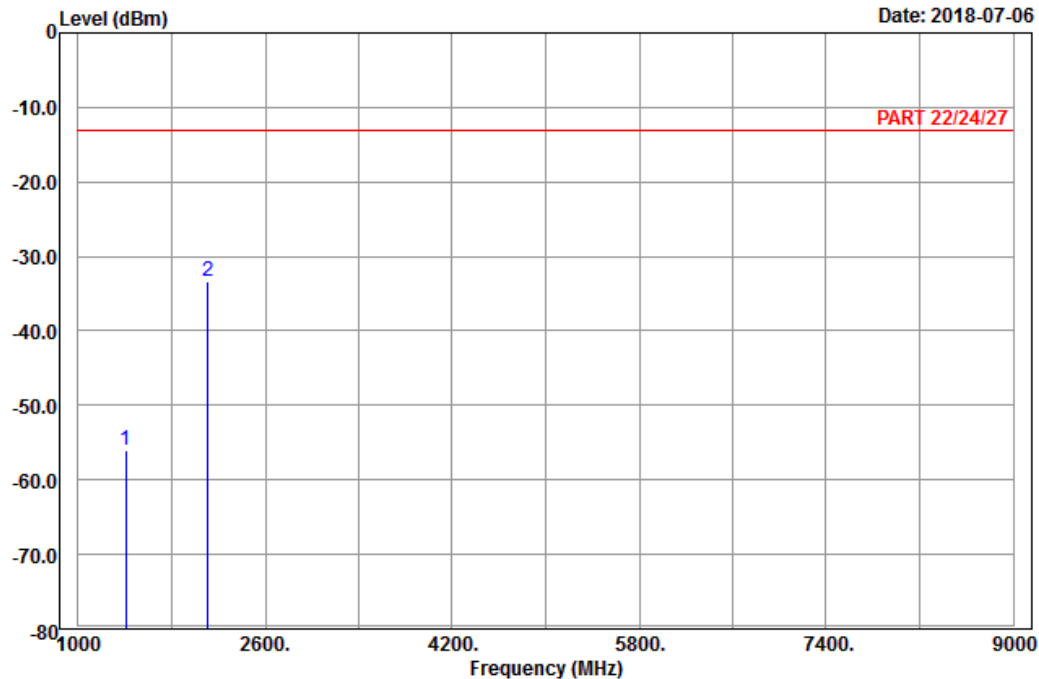


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2018-07-06



Site : 966 chamber 1  
Condition: PART 22/24/27 Vertical  
Remark : LTE\_Band 12\_Link\_CH23060  
Tested by: Karl Lee

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark |
|------|---------|--------|------------|------------|------------|--------|--------|
|      | MHz     | dBm    | dBm        | dBm        | dB         | dB     |        |
| 1    | 1408.00 | -56.08 | -62.44     | -13.00     | -43.08     | 6.36   | Peak   |
| 2 pp | 2112.00 | -33.31 | -44.42     | -13.00     | -20.31     | 11.11  | Peak   |

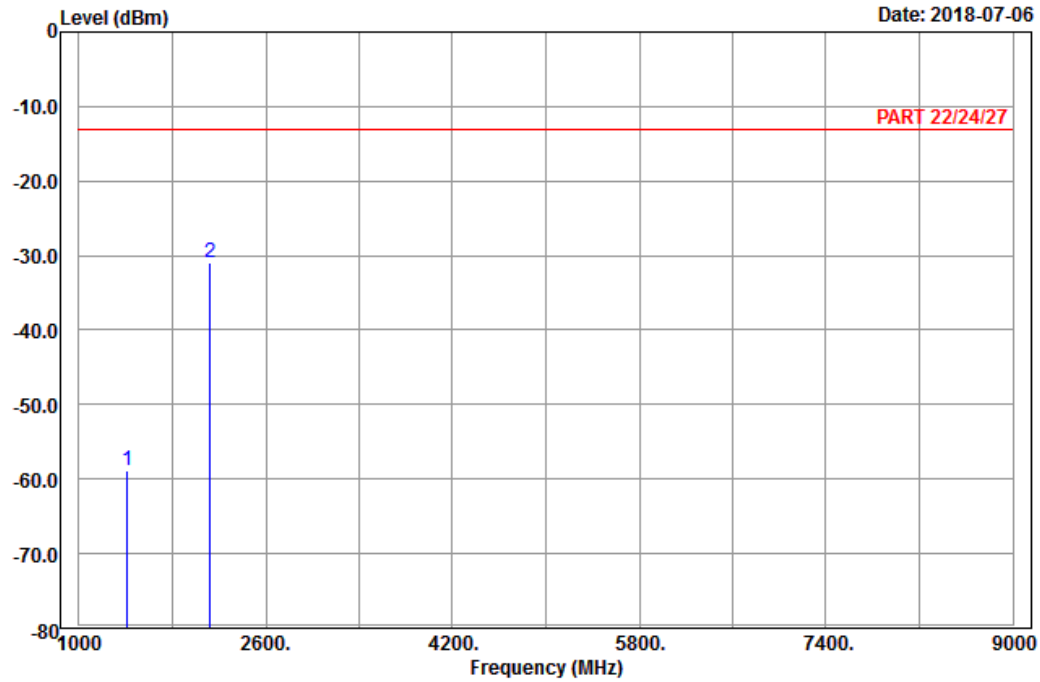
# Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5



Site : 966 chamber 1  
 Condition: PART 22/24/27 Horizontal  
 Remark : LTE\_Band 12\_Link\_CH23095  
 Tested by: Karl Lee

|      |         |        | Read   | Limit  | Over   |        |      |
|------|---------|--------|--------|--------|--------|--------|------|
| Freq | Level   | Level  | Line   | Limit  | Factor | Remark |      |
| MHz  | dBm     | dBm    | dBm    | dB     | dB     |        |      |
| 1    | 1415.00 | -58.76 | -65.12 | -13.00 | -45.76 | 6.36   | Peak |
| 2 pp | 2122.50 | -30.89 | -42.00 | -13.00 | -17.89 | 11.11  | Peak |

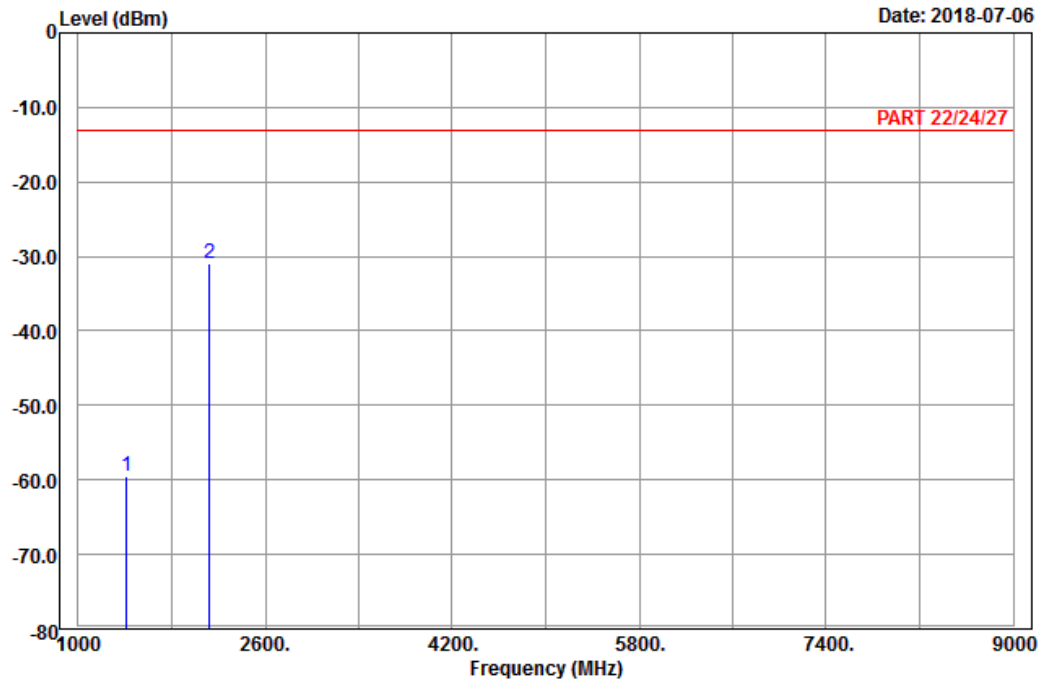


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2018-07-06



Site : 966 chamber 1  
Condition: PART 22/24/27 Vertical  
Remark : LTE\_Band 12\_Link\_CH23095  
Tested by: Karl Lee

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark |
|------|---------|--------|------------|------------|------------|--------|--------|
|      | MHz     | dBm    | dBm        | dBm        | dB         | dB     |        |
| 1    | 1415.00 | -59.56 | -65.92     | -13.00     | -46.56     | 6.36   | Peak   |
| 2 pp | 2122.50 | -30.88 | -41.99     | -13.00     | -17.88     | 11.11  | Peak   |

# High Channel

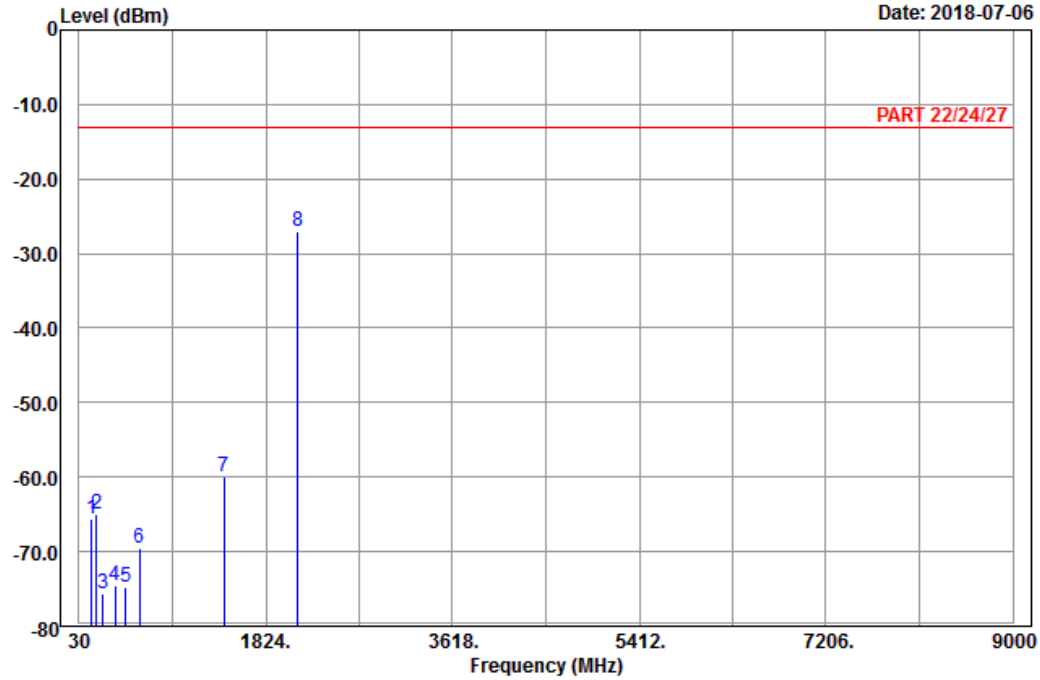


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2018-07-06



Site : 966 chamber 1  
Condition: PART 22/24/27 Horizontal  
Remark : LTE\_Band 12\_Link\_CH23130  
Tested by: Karl Lee

|      |         |        | Read   | Limit  | Over   |        |        |
|------|---------|--------|--------|--------|--------|--------|--------|
|      | Freq    | Level  | Level  | Line   | Limit  | Factor | Remark |
|      | MHz     | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1    | 151.77  | -65.59 | -57.70 | -13.00 | -52.59 | -7.89  | Peak   |
| 2    | 196.05  | -64.95 | -58.95 | -13.00 | -51.95 | -6.00  | Peak   |
| 3    | 257.61  | -75.64 | -70.06 | -13.00 | -62.64 | -5.58  | Peak   |
| 4    | 378.40  | -74.46 | -70.58 | -13.00 | -61.46 | -3.88  | Peak   |
| 5    | 481.30  | -74.71 | -69.98 | -13.00 | -61.71 | -4.73  | Peak   |
| 6    | 607.30  | -69.48 | -69.83 | -13.00 | -56.48 | 0.35   | Peak   |
| 7    | 1422.00 | -59.90 | -66.26 | -13.00 | -46.90 | 6.36   | Peak   |
| 8 pp | 2133.00 | -27.11 | -38.39 | -13.00 | -14.11 | 11.28  | Peak   |

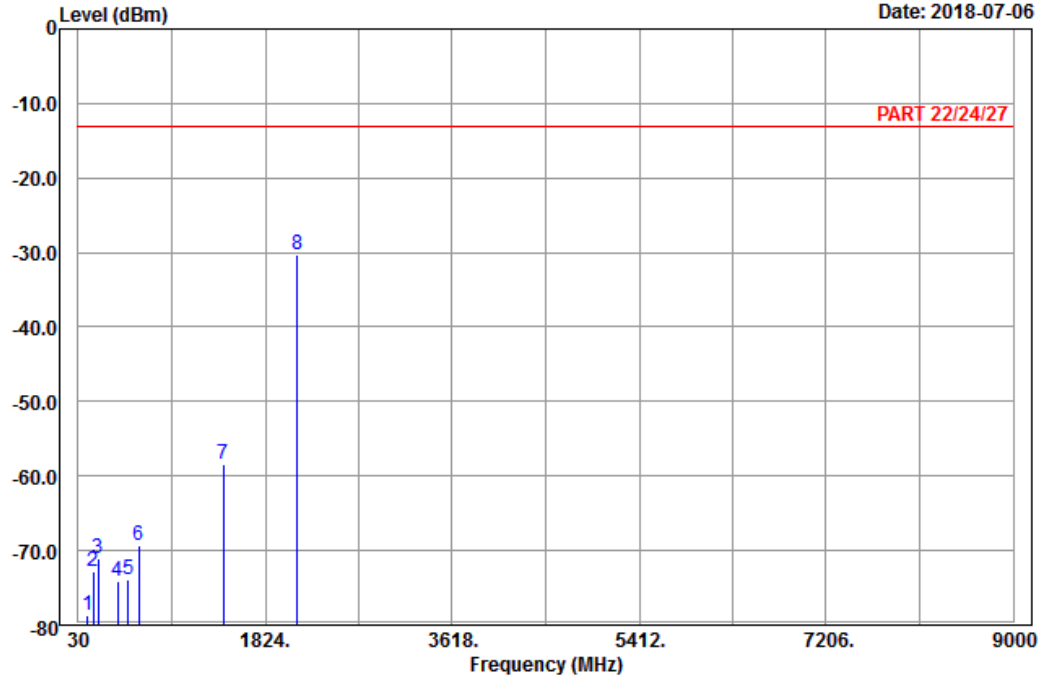


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-07-06



Site : 966 chamber 1  
Condition: PART 22/24/27 Vertical  
Remark : LTE\_Band 12\_Link\_CH23130  
Tested by: Karl Lee

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark |
|------|---------|--------|------------|------------|------------|--------|--------|
|      | MHz     | dBm    | dBm        | dBm        | dB         | dB     |        |
| 1    | 122.07  | -78.73 | -70.60     | -13.00     | -65.73     | -8.13  | Peak   |
| 2    | 172.83  | -72.78 | -66.38     | -13.00     | -59.78     | -6.40  | Peak   |
| 3    | 218.19  | -71.15 | -65.21     | -13.00     | -58.15     | -5.94  | Peak   |
| 4    | 407.80  | -74.22 | -71.31     | -13.00     | -61.22     | -2.91  | Peak   |
| 5    | 511.40  | -73.81 | -69.31     | -13.00     | -60.81     | -4.50  | Peak   |
| 6    | 607.30  | -69.22 | -69.57     | -13.00     | -56.22     | 0.35   | Peak   |
| 7    | 1422.00 | -58.46 | -64.82     | -13.00     | -45.46     | 6.36   | Peak   |
| 8 pp | 2133.00 | -30.29 | -41.57     | -13.00     | -17.29     | 11.28  | Peak   |

LTE Band 13  
Channel Bandwidth: 5 MHz / QPSK  
Low Channel

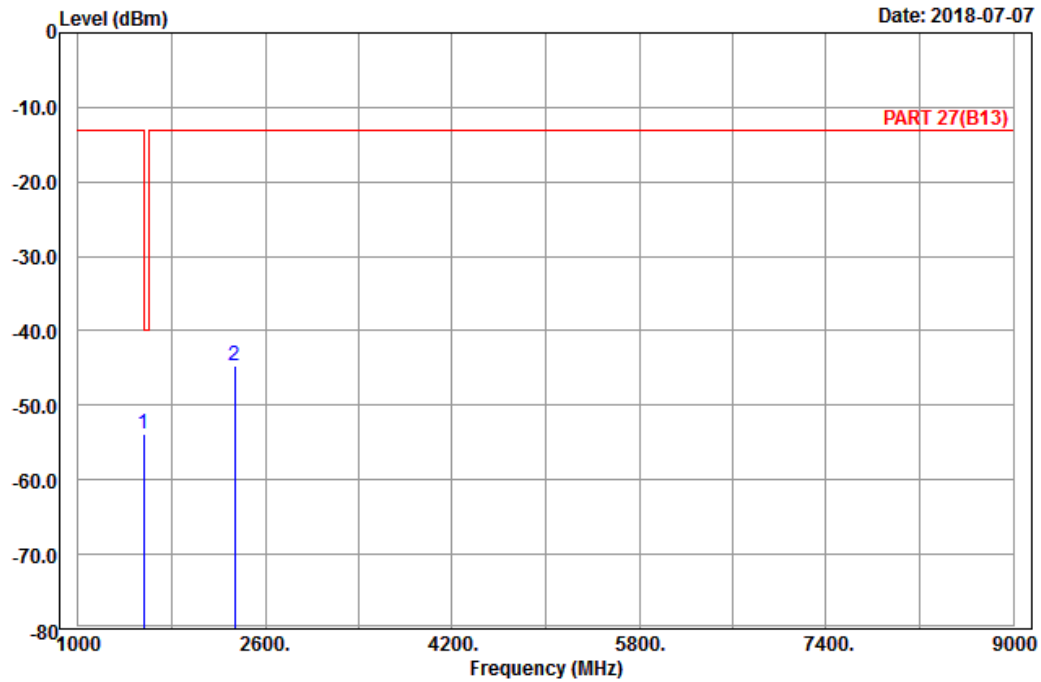


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5

Date: 2018-07-07



Site : 966 chamber 1  
Condition: PART 27(B13) Horizontal  
Remark : LTE\_Band 13\_Link\_CH23205  
Tested by: Karl Lee

|      |         | Read   | Limit  | Over   |        |               |
|------|---------|--------|--------|--------|--------|---------------|
|      | Freq    | Level  | Level  | Line   | Limit  | Factor Remark |
|      | MHz     | dBm    | dBm    | dBm    | dB     | dB            |
| 1 pp | 1559.00 | -53.90 | -60.76 | -40.00 | -13.90 | 6.86 Peak     |
| 2    | 2338.50 | -44.74 | -55.70 | -13.00 | -31.74 | 10.96 Peak    |

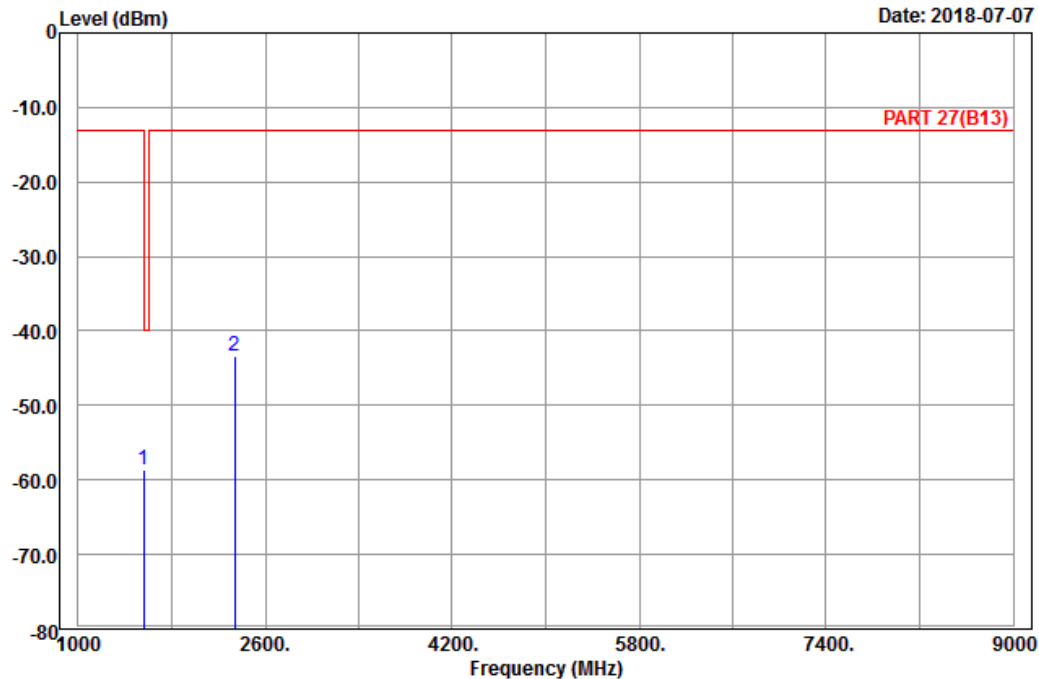


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2018-07-07



Site : 966 chamber 1  
Condition: PART 27(B13) Vertical  
Remark : LTE\_Band 13\_Link\_CH23205  
Tested by: Karl Lee

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark |
|------|---------|--------|------------|------------|------------|--------|--------|
|      | MHz     | dBm    | dBm        | dBm        | dB         | dB     |        |
| 1 pp | 1559.00 | -58.73 | -65.59     | -40.00     | -18.73     | 6.86   | Peak   |
| 2    | 2338.50 | -43.43 | -54.39     | -13.00     | -30.43     | 10.96  | Peak   |

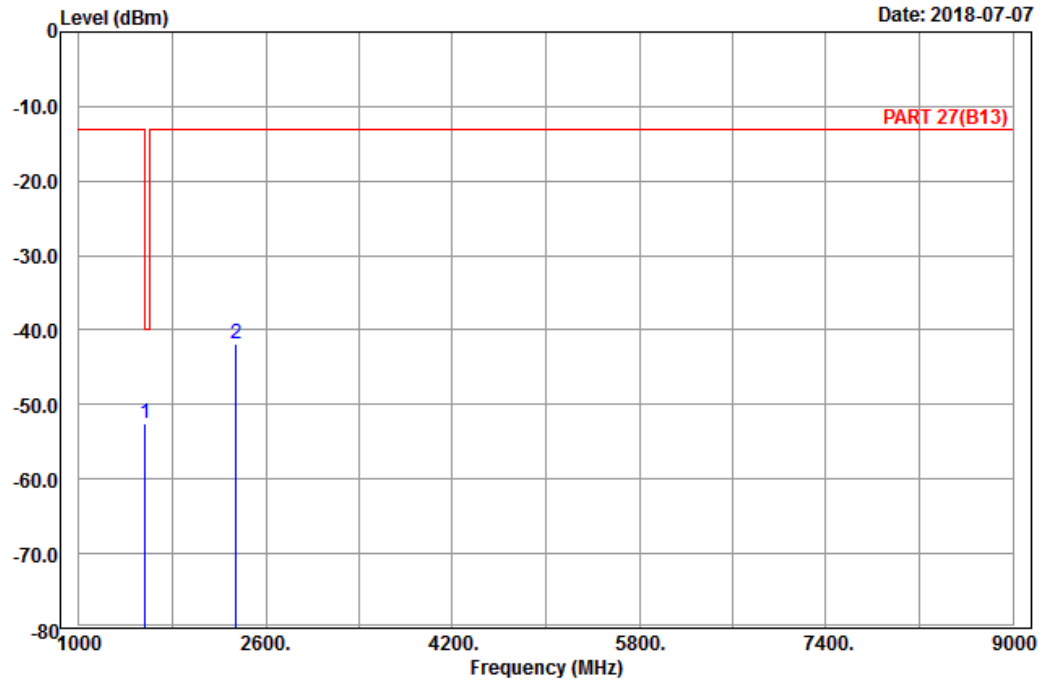
## Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5



Site : 966 chamber 1  
 Condition: PART 27(B13) Horizontal  
 Remark : LTE\_Band 13\_Link\_CH23230  
 Tested by: Karl Lee

|   |      |         | Read   | Limit  | Over   |        |            |
|---|------|---------|--------|--------|--------|--------|------------|
|   | Freq | Level   | Level  | Line   | Limit  | Factor | Remark     |
|   | MHz  | dBm     | dBm    | dBm    | dB     | dB     |            |
| 1 | pp   | 1564.00 | -52.59 | -59.45 | -40.00 | -12.59 | 6.86 Peak  |
| 2 |      | 2346.00 | -41.88 | -52.82 | -13.00 | -28.88 | 10.94 Peak |

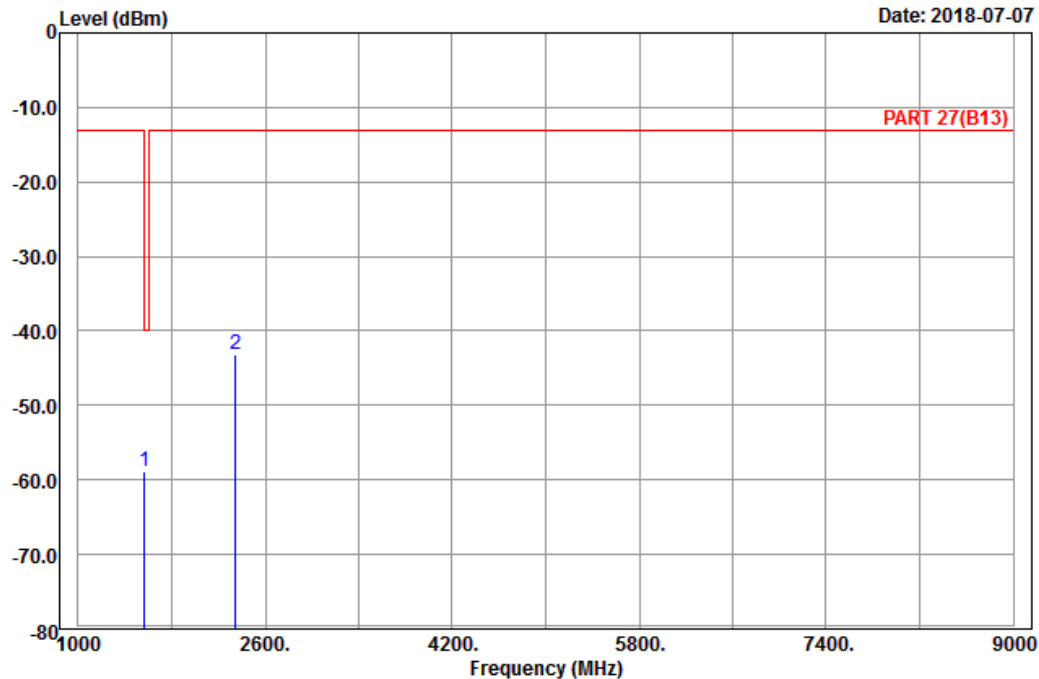


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2018-07-07



Site : 966 chamber 1  
Condition: PART 27(B13) Vertical  
Remark : LTE\_Band 13\_Link\_CH23230  
Tested by: Karl Lee

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark |
|------|---------|--------|------------|------------|------------|--------|--------|
|      | MHz     | dBm    | dBm        | dBm        | dB         | dB     |        |
| 1 pp | 1564.00 | -58.86 | -65.72     | -40.00     | -18.86     | 6.86   | Peak   |
| 2    | 2346.00 | -43.06 | -54.00     | -13.00     | -30.06     | 10.94  | Peak   |

## High Channel

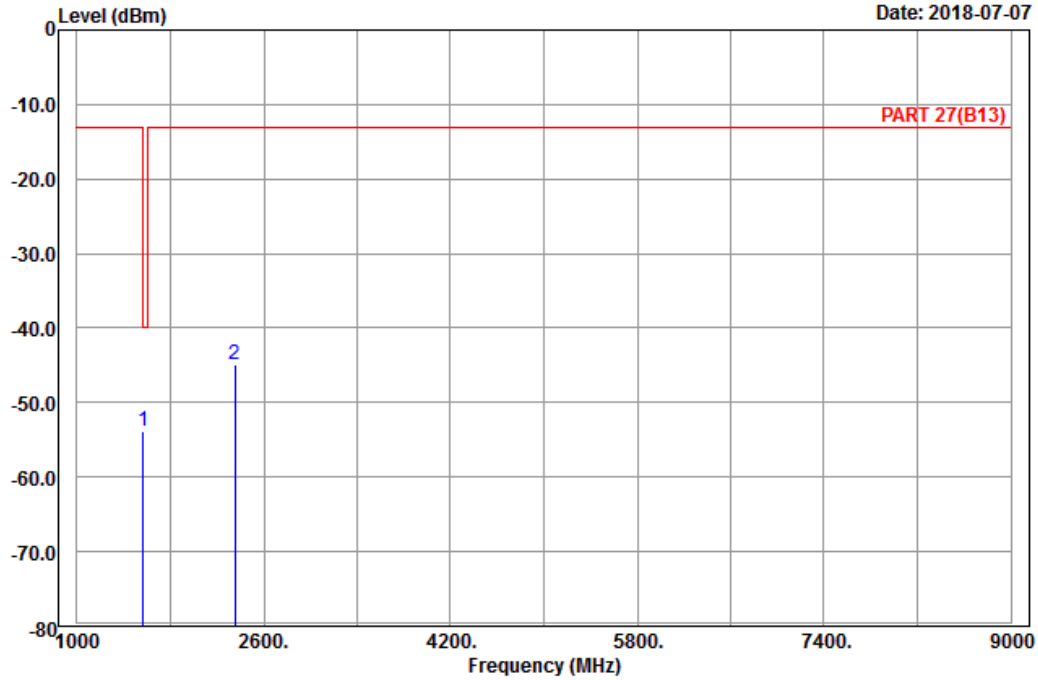


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5

Date: 2018-07-07



Site : 966 chamber 1  
Condition: PART 27(B13) Horizontal  
Remark : LTE\_Band 13\_Link\_CH23255  
Tested by: Karl Lee

|      |         |        | Read   | Limit  | Over   |        |        |
|------|---------|--------|--------|--------|--------|--------|--------|
|      | Freq    | Level  | Level  | Line   | Limit  | Factor | Remark |
|      | MHz     | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1 pp | 1569.00 | -53.79 | -60.83 | -40.00 | -13.79 | 7.04   | Peak   |
| 2    | 2353.50 | -44.83 | -55.77 | -13.00 | -31.83 | 10.94  | Peak   |

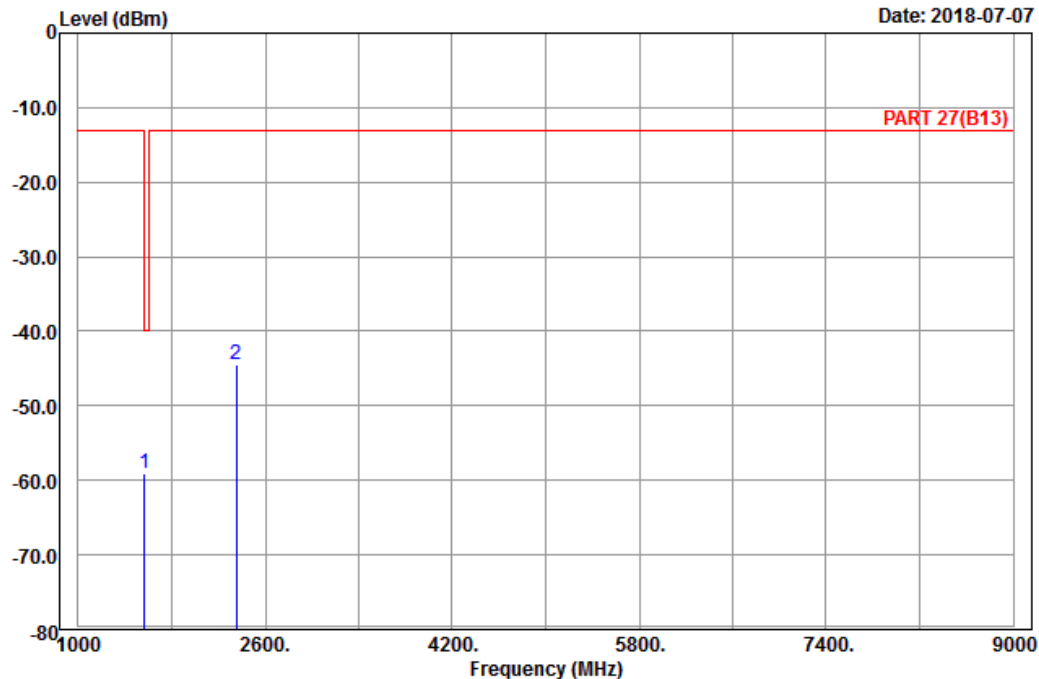


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2018-07-07



Site : 966 chamber 1  
Condition: PART 27(B13) Vertical  
Remark : LTE\_Band 13\_Link\_CH23255  
Tested by: Karl Lee

|   | Freq       | Level  | Read Level | Limit Line | Over Limit | Factor | Remark |
|---|------------|--------|------------|------------|------------|--------|--------|
|   | MHz        | dBm    | dBm        | dBm        | dB         | dB     |        |
| 1 | pp 1569.00 | -59.07 | -66.11     | -40.00     | -19.07     | 7.04   | Peak   |
| 2 | 2353.50    | -44.40 | -55.34     | -13.00     | -31.40     | 10.94  | Peak   |

Channel Bandwidth: 10 MHz / QPSK  
Middle Channel

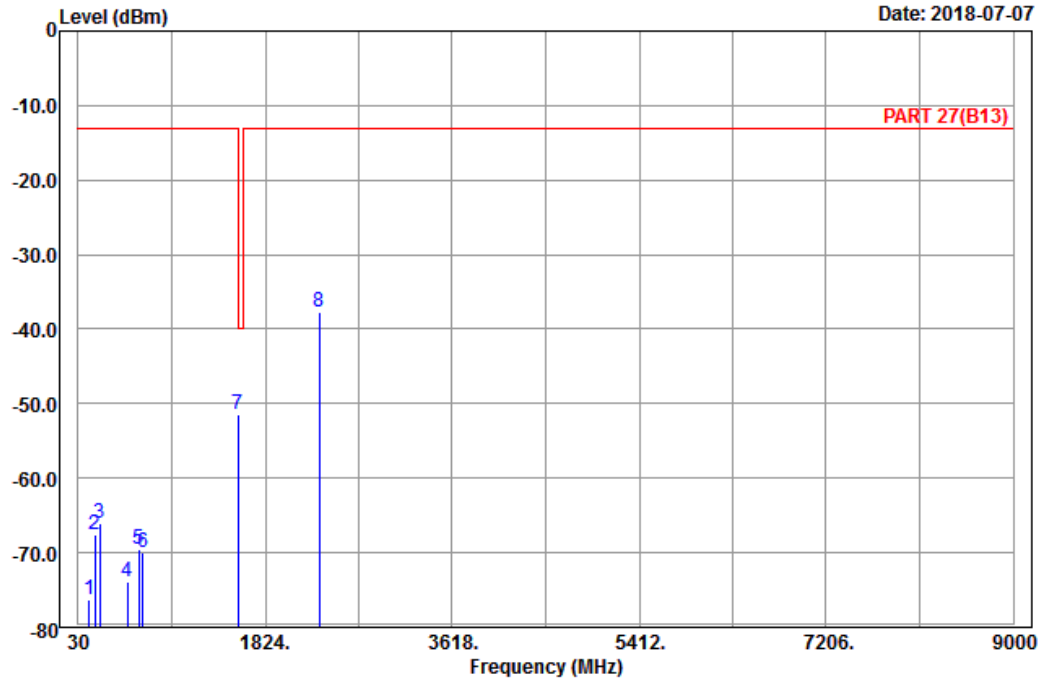


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2018-07-07



Site : 966 chamber 1  
Condition: PART 27(B13) Horizontal  
Remark : LTE\_Band 13\_Link\_CH23230  
Tested by: Karl Lee

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark |
|------|---------|--------|------------|------------|------------|--------|--------|
|      | MHz     | dBm    | dBm        | dBm        | dB         | dB     |        |
| 1    | 133.68  | -76.31 | -68.65     | -13.00     | -63.31     | -7.66  | Peak   |
| 2    | 193.35  | -67.54 | -61.67     | -13.00     | -54.54     | -5.87  | Peak   |
| 3    | 240.60  | -66.00 | -60.36     | -13.00     | -53.00     | -5.64  | Peak   |
| 4    | 504.40  | -73.91 | -68.91     | -13.00     | -60.91     | -5.00  | Peak   |
| 5    | 608.70  | -69.59 | -69.92     | -13.00     | -56.59     | 0.33   | Peak   |
| 6    | 649.30  | -70.02 | -69.90     | -13.00     | -57.02     | -0.12  | Peak   |
| 7 pp | 1564.00 | -51.47 | -58.33     | -40.00     | -11.47     | 6.86   | Peak   |
| 8    | 2346.00 | -37.70 | -48.64     | -13.00     | -24.70     | 10.94  | Peak   |

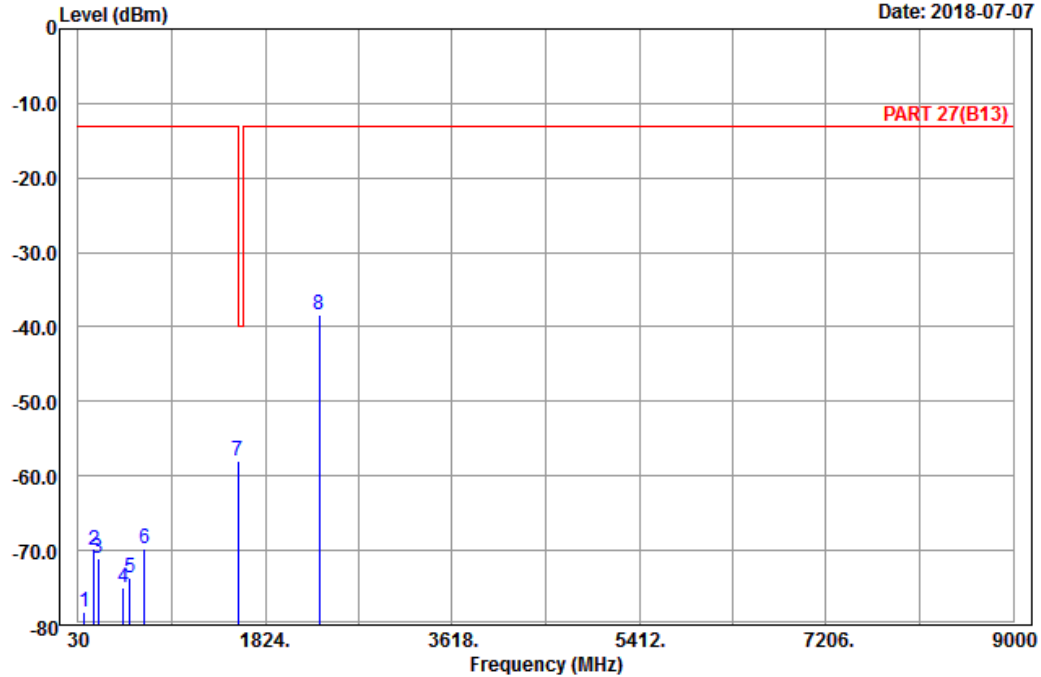


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-07-07



Site : 966 chamber 1  
Condition: PART 27(B13) Vertical  
Remark : LTE\_Band 13\_Link\_CH23230  
Tested by: Karl Lee

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark |
|------|---------|--------|------------|------------|------------|--------|--------|
|      | MHz     | dBm    | dBm        | dBm        | dB         | dB     |        |
| 1    | 88.59   | -78.35 | -67.46     | -13.00     | -65.35     | -10.89 | Peak   |
| 2    | 179.85  | -70.02 | -64.34     | -13.00     | -57.02     | -5.68  | Peak   |
| 3    | 222.51  | -71.11 | -65.23     | -13.00     | -58.11     | -5.88  | Peak   |
| 4    | 465.20  | -74.89 | -70.60     | -13.00     | -61.89     | -4.29  | Peak   |
| 5    | 528.90  | -73.78 | -70.56     | -13.00     | -60.78     | -3.22  | Peak   |
| 6    | 666.10  | -69.70 | -69.49     | -13.00     | -56.70     | -0.21  | Peak   |
| 7 pp | 1564.00 | -57.91 | -64.77     | -40.00     | -17.91     | 6.86   | Peak   |
| 8    | 2346.00 | -38.40 | -49.34     | -13.00     | -25.40     | 10.94  | Peak   |

LTE Band 17  
Channel Bandwidth: 5 MHz / QPSK  
Low Channel

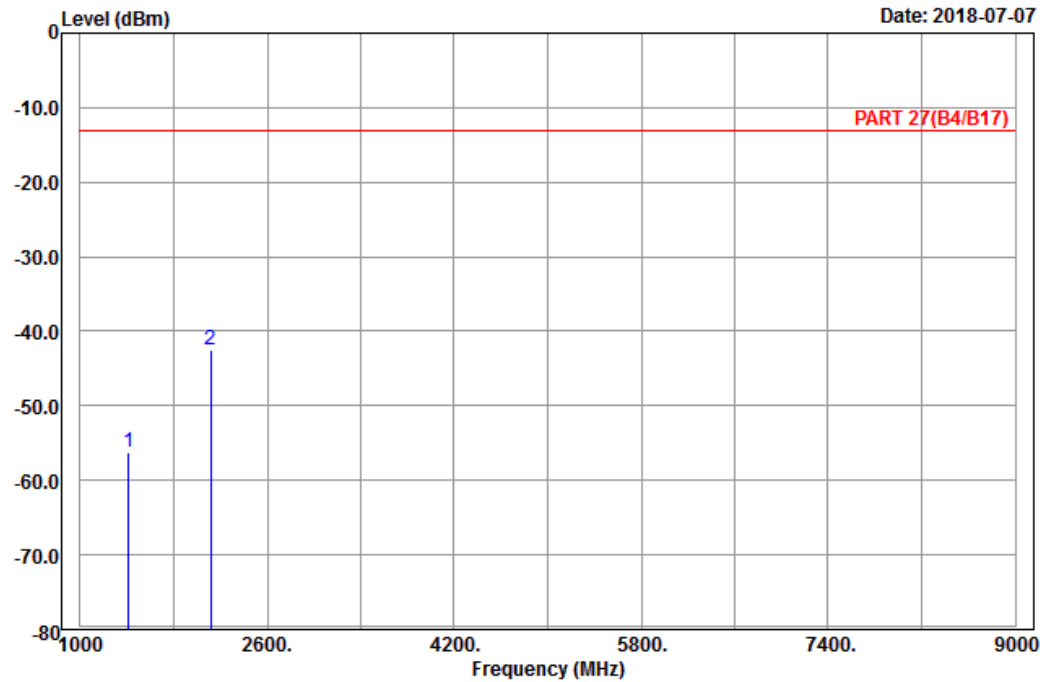


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5

Date: 2018-07-07



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Horizontal  
Remark : LTE\_Band 17\_Link\_CH23755  
Tested by: Karl Lee

|      |         | Read   | Limit  | Over   |        |               |
|------|---------|--------|--------|--------|--------|---------------|
|      | Freq    | Level  | Level  | Line   | Limit  | Factor Remark |
|      | MHz     | dBm    | dBm    | dBm    | dB     | dB            |
| 1    | 1413.00 | -56.17 | -62.53 | -13.00 | -43.17 | 6.36 Peak     |
| 2 pp | 2119.50 | -42.48 | -53.59 | -13.00 | -29.48 | 11.11 Peak    |

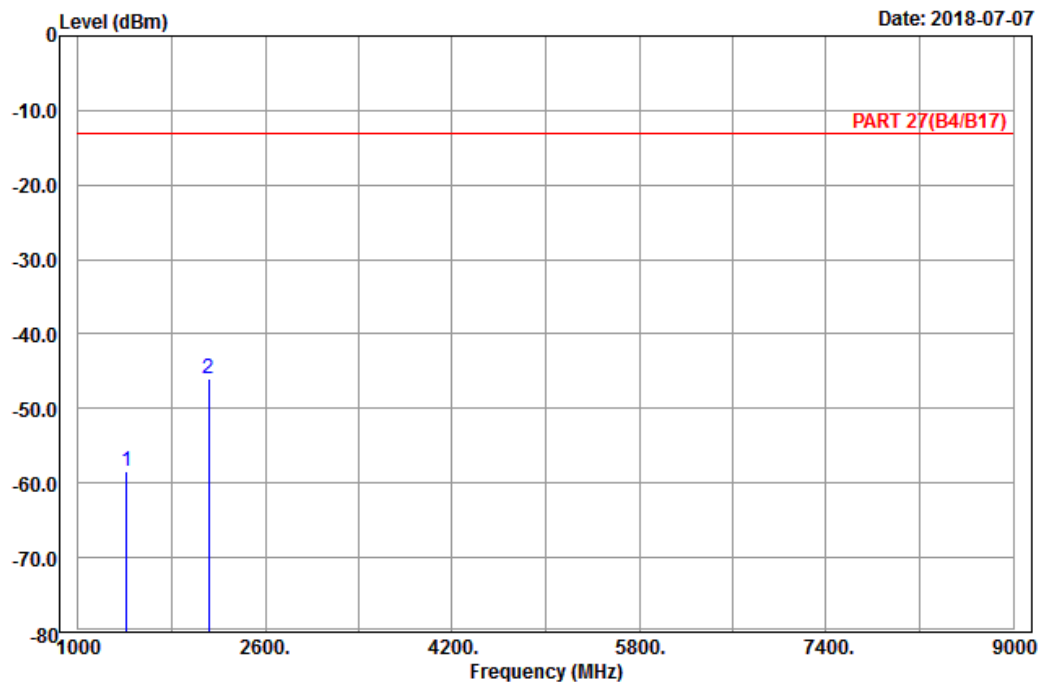


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2018-07-07



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Vertical  
Remark : LTE\_Band 17\_Link\_CH23755  
Tested by: Karl Lee

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark |
|------|---------|--------|------------|------------|------------|--------|--------|
|      | MHz     | dBm    | dBm        | dBm        | dB         | dB     |        |
| 1    | 1413.00 | -58.50 | -64.86     | -13.00     | -45.50     | 6.36   | Peak   |
| 2 pp | 2119.50 | -45.96 | -57.07     | -13.00     | -32.96     | 11.11  | Peak   |

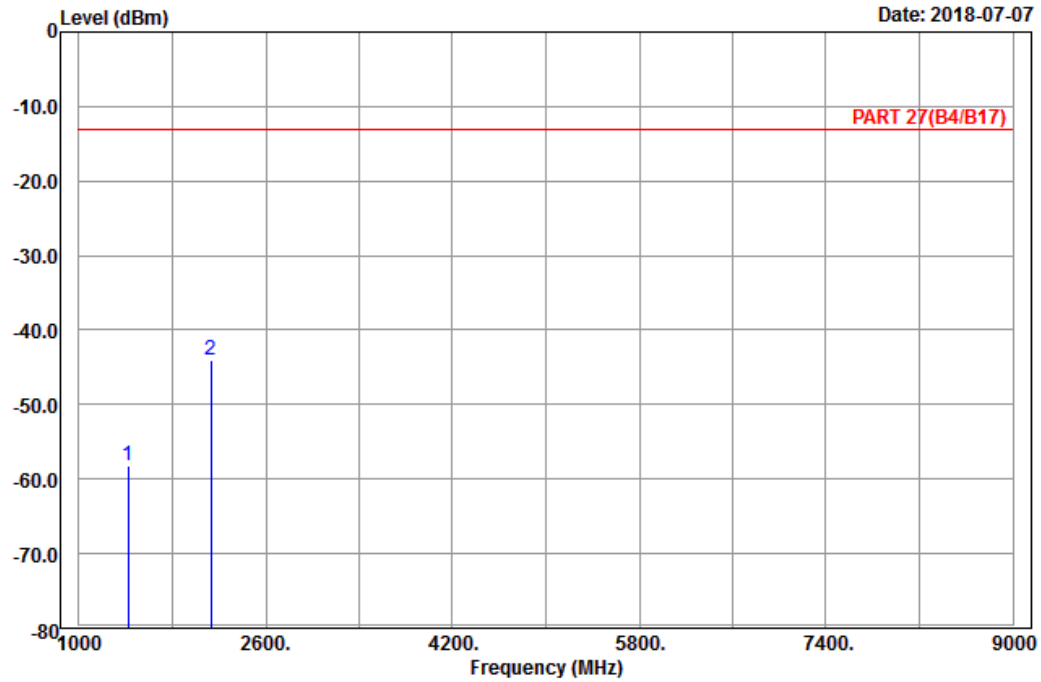
# Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5



Site : 966 chamber 1  
 Condition: PART 27(B4/B17) Horizontal  
 Remark : LTE\_Band 17\_Link\_CH23790  
 Tested by: Karl Lee

|      |         |        | Read   | Limit  | Over   |        |      |
|------|---------|--------|--------|--------|--------|--------|------|
| Freq | Level   | Level  | Line   | Limit  | Factor | Remark |      |
| MHz  | dBm     | dBm    | dBm    | dB     | dB     |        |      |
| 1    | 1420.00 | -58.23 | -64.59 | -13.00 | -45.23 | 6.36   | Peak |
| 2 pp | 2130.00 | -43.94 | -55.22 | -13.00 | -30.94 | 11.28  | Peak |

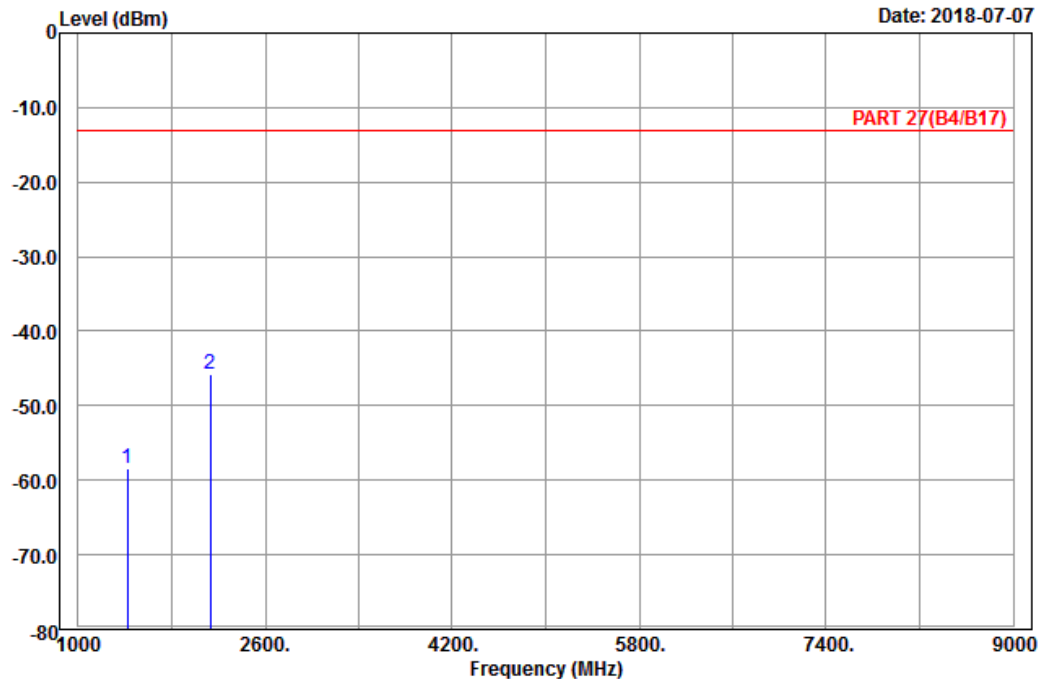


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2018-07-07



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Vertical  
Remark : LTE\_Band 17\_Link\_CH23790  
Tested by: Karl Lee

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark |
|------|---------|--------|------------|------------|------------|--------|--------|
|      | MHz     | dBm    | dBm        | dBm        | dB         | dB     |        |
| 1    | 1420.00 | -58.35 | -64.71     | -13.00     | -45.35     | 6.36   | Peak   |
| 2 pp | 2130.00 | -45.88 | -57.16     | -13.00     | -32.88     | 11.28  | Peak   |

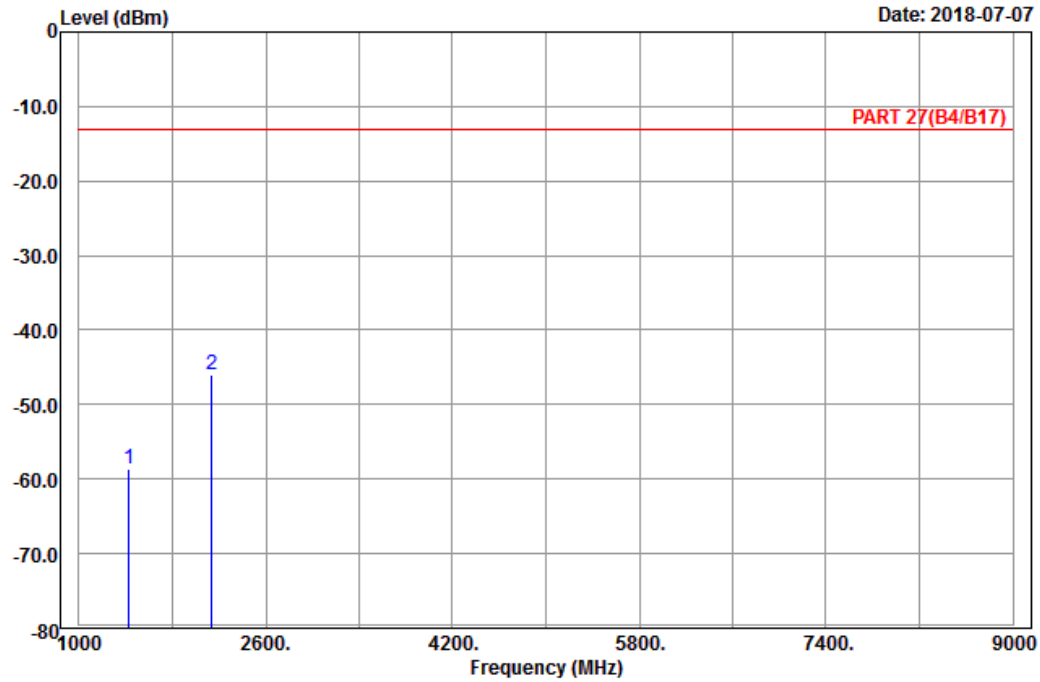
# High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5



Site : 966 chamber 1  
 Condition: PART 27(B4/B17) Horizontal  
 Remark : LTE\_Band 17\_Link\_CH23825  
 Tested by: Karl Lee

|      |         |        | Read   | Limit  | Over   |        |        |
|------|---------|--------|--------|--------|--------|--------|--------|
|      | Freq    | Level  | Level  | Line   | Limit  | Factor | Remark |
|      | MHz     | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1    | 1427.00 | -58.61 | -64.85 | -13.00 | -45.61 | 6.24   | Peak   |
| 2 pp | 2140.50 | -45.91 | -57.19 | -13.00 | -32.91 | 11.28  | Peak   |

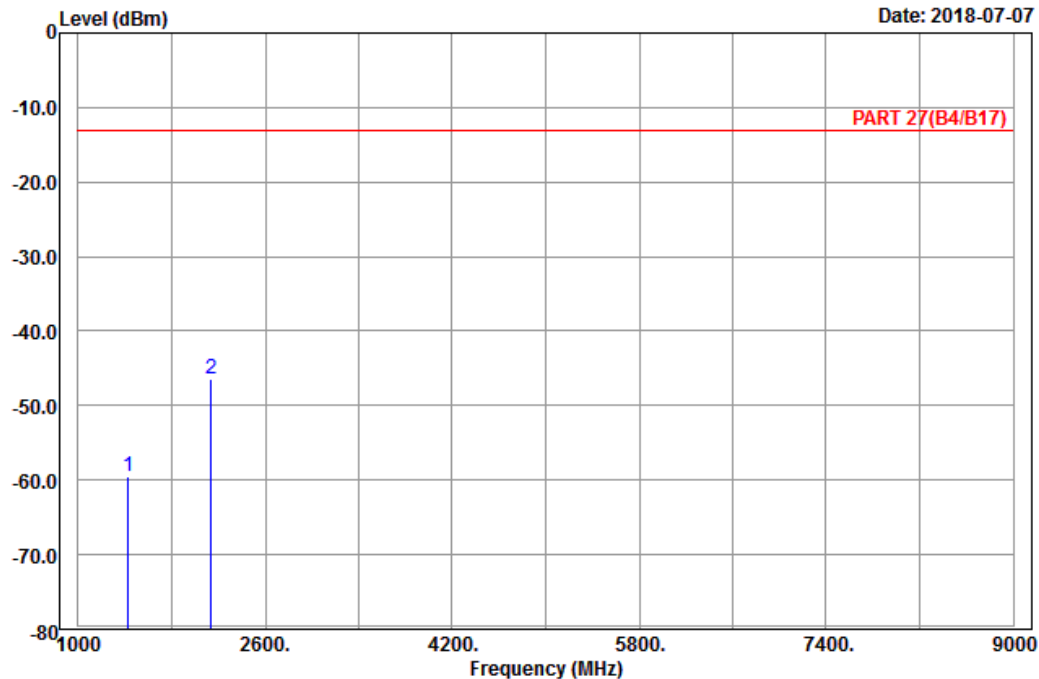


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2018-07-07



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Vertical  
Remark : LTE\_Band 17\_Link\_CH23825  
Tested by: Karl Lee

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark |
|------|---------|--------|------------|------------|------------|--------|--------|
|      | MHz     | dBm    | dBm        | dBm        | dB         | dB     |        |
| 1    | 1427.00 | -59.48 | -65.72     | -13.00     | -46.48     | 6.24   | Peak   |
| 2 pp | 2140.50 | -46.52 | -57.80     | -13.00     | -33.52     | 11.28  | Peak   |

Channel Bandwidth: 10 MHz / QPSK  
Low Channel

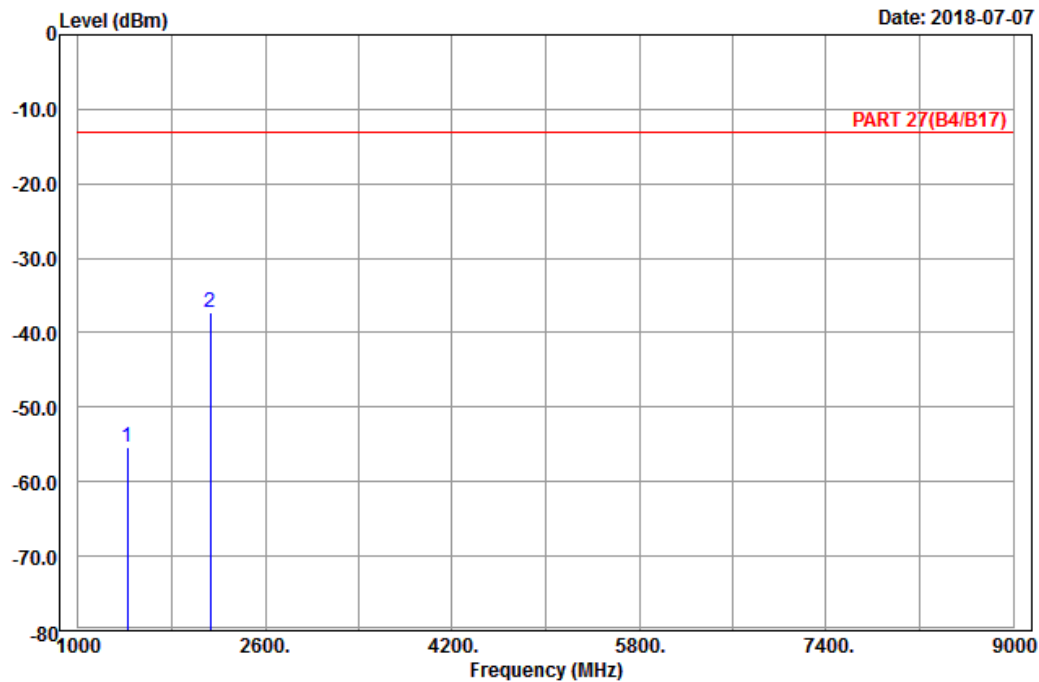


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5

Date: 2018-07-07



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Horizontal  
Remark : LTE\_Band 17\_Link\_CH23780  
Tested by: Karl Lee

|      |         | Read   | Limit  | Over   |        |        |        |
|------|---------|--------|--------|--------|--------|--------|--------|
|      | Freq    | Level  | Level  | Line   | Limit  | Factor | Remark |
|      | MHz     | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1    | 1418.00 | -55.28 | -61.64 | -13.00 | -42.28 | 6.36   | Peak   |
| 2 pp | 2127.00 | -37.29 | -48.57 | -13.00 | -24.29 | 11.28  | Peak   |

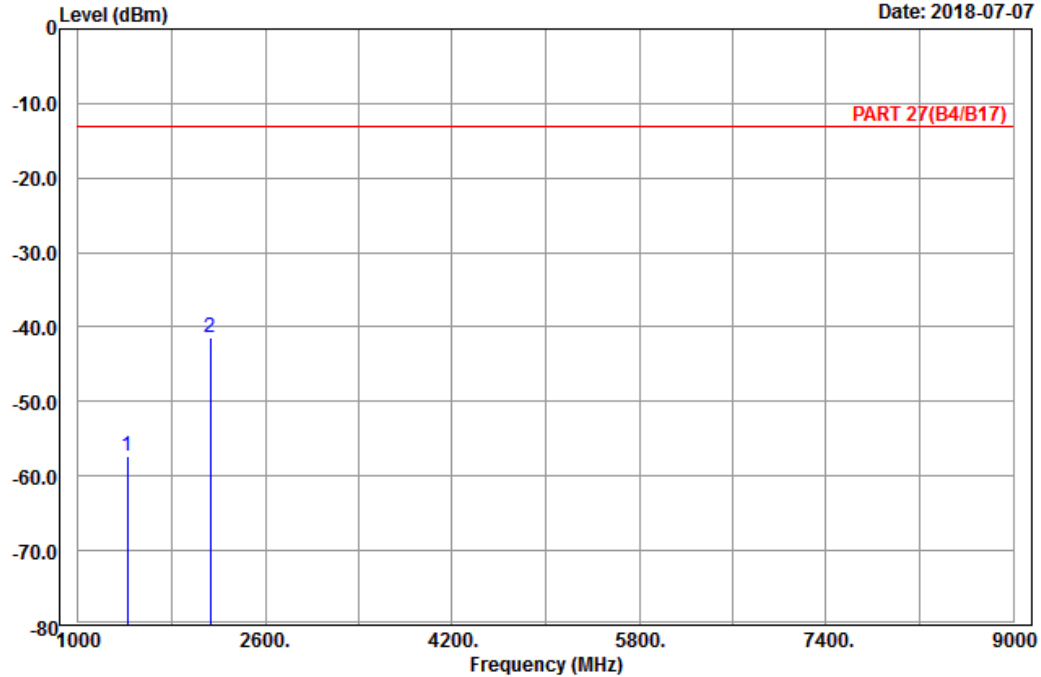


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2018-07-07



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Vertical  
Remark : LTE\_Band 17\_Link\_CH23780  
Tested by: Karl Lee

|      | Freq    | Level  | Read<br>Level | Limit<br>Line | Over<br>Limit | Factor | Remark |
|------|---------|--------|---------------|---------------|---------------|--------|--------|
|      | MHz     | dBm    | dBm           | dBm           | dB            | dB     |        |
| 1    | 1418.00 | -57.43 | -63.79        | -13.00        | -44.43        | 6.36   | Peak   |
| 2 pp | 2127.00 | -41.48 | -52.76        | -13.00        | -28.48        | 11.28  | Peak   |

# Middle Channel

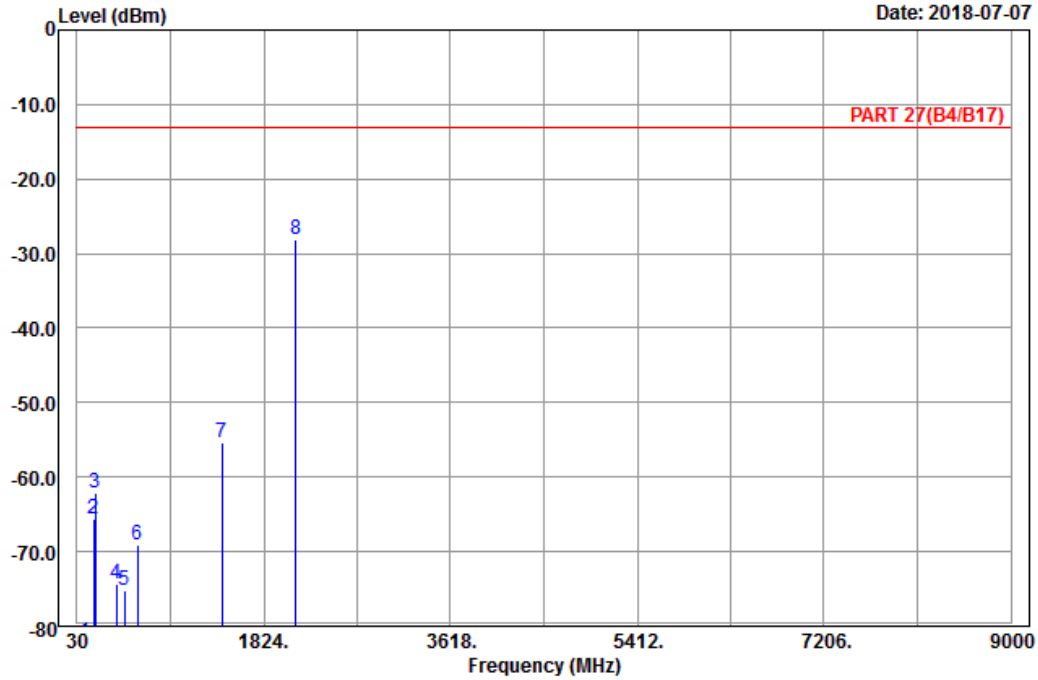


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2018-07-07



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Horizontal  
Remark : LTE\_Band 17\_Link\_CH23790  
Tested by: Karl Lee

|      |         | Read   | Limit  | Over   |        |        |      |
|------|---------|--------|--------|--------|--------|--------|------|
| Freq | Level   | Level  | Line   | Limit  | Factor | Remark |      |
| MHz  | dBm     | dBm    | dBm    | dB     | dB     |        |      |
| 1    | 110.46  | -82.18 | -73.30 | -13.00 | -69.18 | -8.88  | Peak |
| 2    | 192.27  | -65.59 | -59.77 | -13.00 | -52.59 | -5.82  | Peak |
| 3    | 208.47  | -62.20 | -56.13 | -13.00 | -49.20 | -6.07  | Peak |
| 4    | 406.40  | -74.36 | -71.47 | -13.00 | -61.36 | -2.89  | Peak |
| 5    | 484.80  | -75.10 | -70.26 | -13.00 | -62.10 | -4.84  | Peak |
| 6    | 613.60  | -69.07 | -69.34 | -13.00 | -56.07 | 0.27   | Peak |
| 7    | 1420.00 | -55.46 | -61.82 | -13.00 | -42.46 | 6.36   | Peak |
| 8 pp | 2130.00 | -28.11 | -39.39 | -13.00 | -15.11 | 11.28  | Peak |

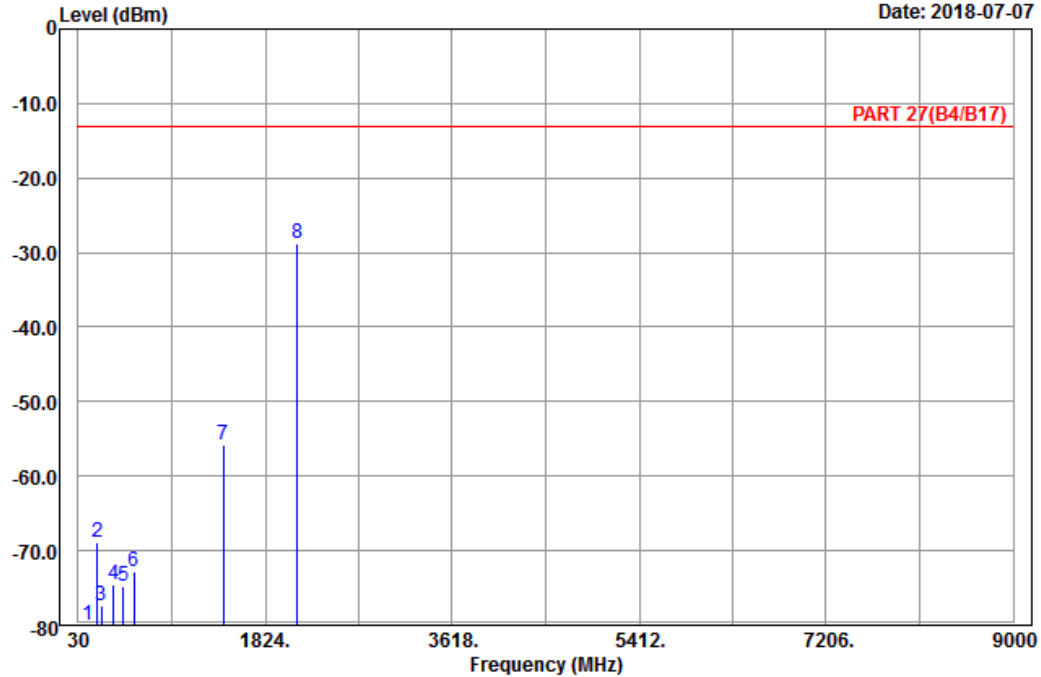


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-07-07



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Vertical  
Remark : LTE\_Band 17\_Link\_CH23790  
Tested by: Karl Lee

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark |
|------|---------|--------|------------|------------|------------|--------|--------|
|      | MHz     | dBm    | dBm        | dBm        | dB         | dB     |        |
| 1    | 126.39  | -80.00 | -72.11     | -13.00     | -67.00     | -7.89  | Peak   |
| 2    | 215.22  | -68.84 | -62.86     | -13.00     | -55.84     | -5.98  | Peak   |
| 3    | 252.21  | -77.42 | -71.90     | -13.00     | -64.42     | -5.52  | Peak   |
| 4    | 371.40  | -74.47 | -70.23     | -13.00     | -61.47     | -4.24  | Peak   |
| 5    | 464.50  | -74.70 | -70.44     | -13.00     | -61.70     | -4.26  | Peak   |
| 6    | 566.00  | -72.70 | -71.72     | -13.00     | -59.70     | -0.98  | Peak   |
| 7    | 1420.00 | -55.84 | -62.20     | -13.00     | -42.84     | 6.36   | Peak   |
| 8 pp | 2130.00 | -28.87 | -40.15     | -13.00     | -15.87     | 11.28  | Peak   |

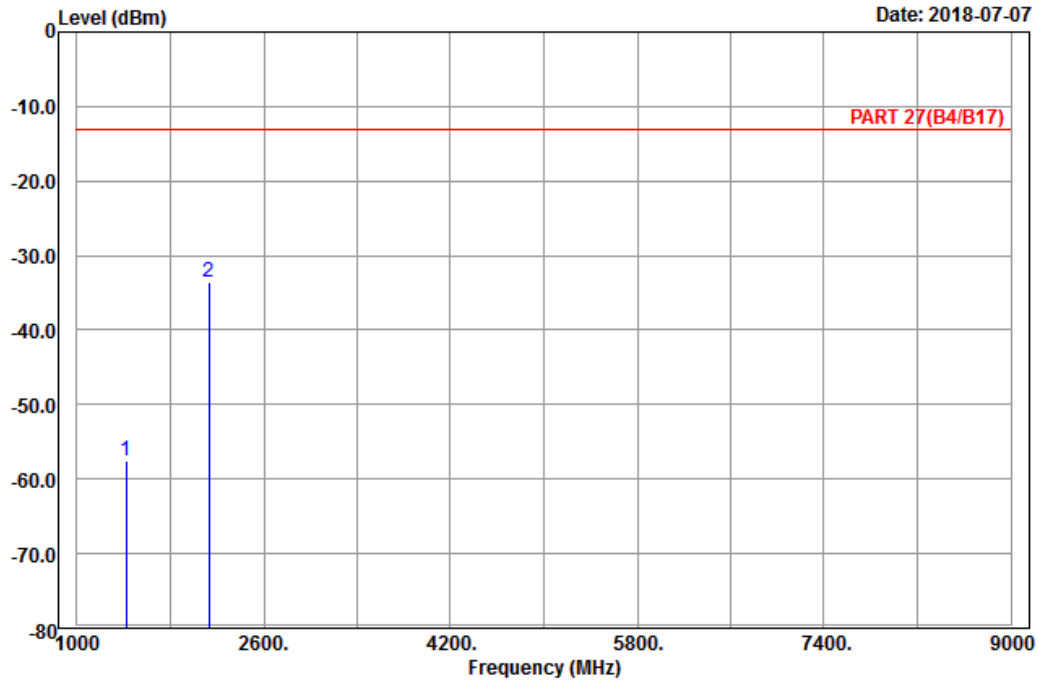
# High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 5



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Horizontal  
Remark : LTE\_Band 17\_Link\_CH23800  
Tested by: Karl Lee

|      |         |        | Read   | Limit  | Over   |        |      |
|------|---------|--------|--------|--------|--------|--------|------|
| Freq | Level   | Level  | Line   | Limit  | Factor | Remark |      |
| MHz  | dBm     | dBm    | dBm    | dB     | dB     |        |      |
| 1    | 1422.00 | -57.56 | -63.92 | -13.00 | -44.56 | 6.36   | Peak |
| 2 pp | 2133.00 | -33.52 | -44.80 | -13.00 | -20.52 | 11.28  | Peak |

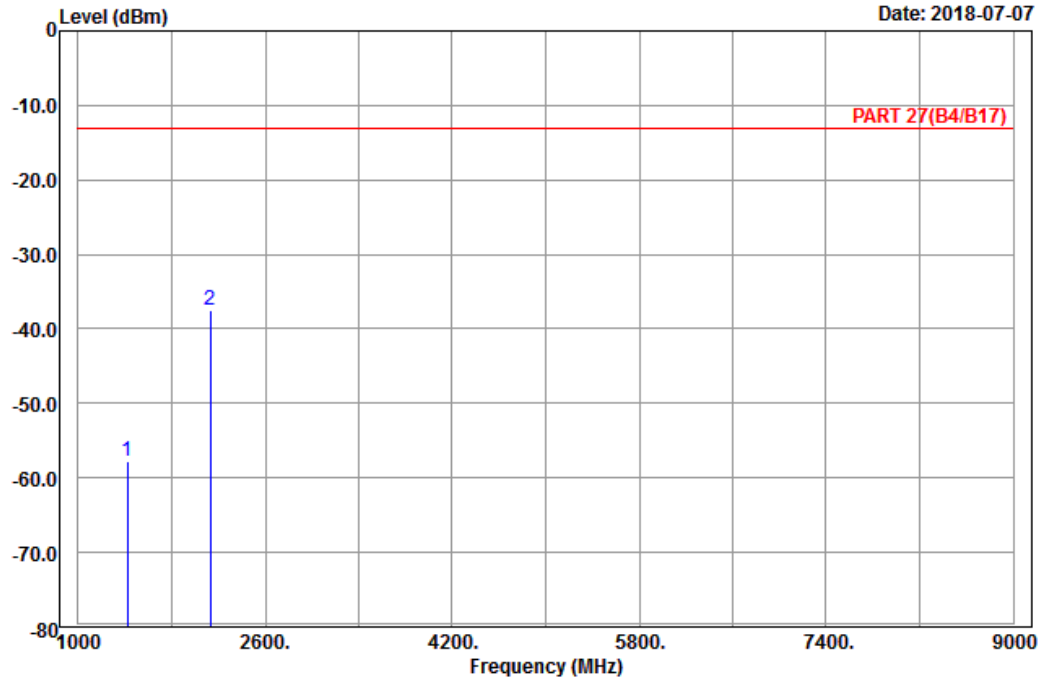


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 6

Date: 2018-07-07



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Vertical  
Remark : LTE\_Band 17\_Link\_CH23800  
Tested by: Karl Lee

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark |
|------|---------|--------|------------|------------|------------|--------|--------|
|      | MHz     | dBm    | dBm        | dBm        | dB         | dB     |        |
| 1    | 1422.00 | -57.86 | -64.22     | -13.00     | -44.86     | 6.36   | Peak   |
| 2 pp | 2133.00 | -37.58 | -48.86     | -13.00     | -24.58     | 11.28  | Peak   |

LTE Band 66:  
Channel Bandwidth: 1.4 MHz / QPSK  
Low Channel

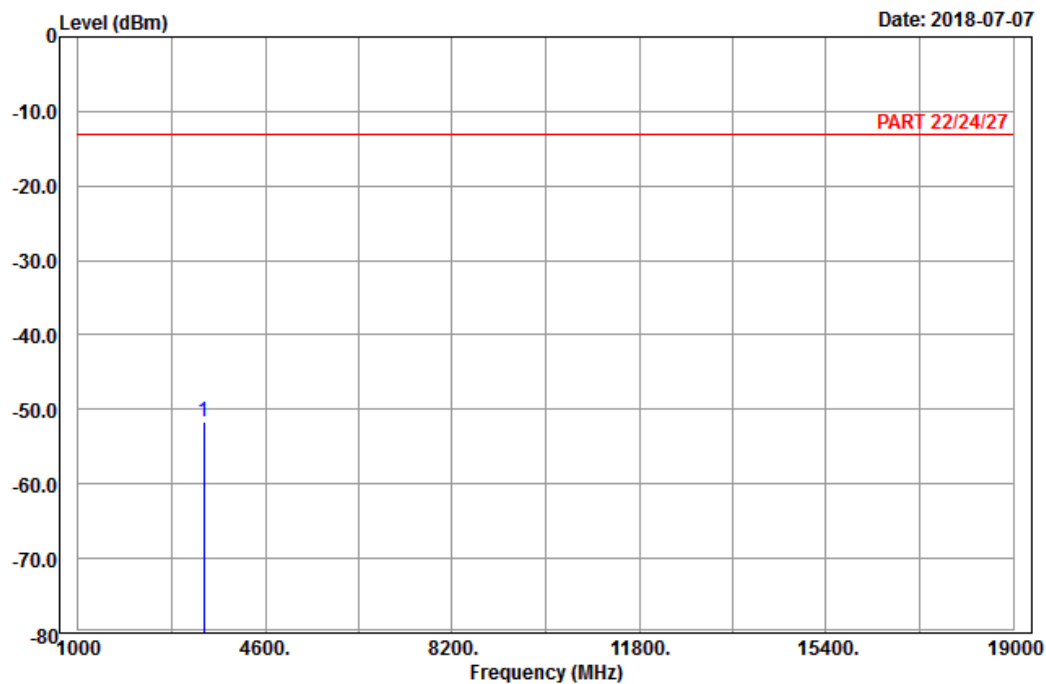


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2018-07-07



Site : 966 chamber 1  
Condition: PART 22/24/27 Horizontal  
Remark : LTE\_Band 66\_Link\_CH131979  
Tested by: Karl Lee

|              |        | Read   | Limit  | Over   |        |        |
|--------------|--------|--------|--------|--------|--------|--------|
| Freq         | Level  | Level  | Line   | Limit  | Factor | Remark |
| MHz          | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1 pp 3421.40 | -51.66 | -66.03 | -13.00 | -38.66 | 14.37  | Peak   |

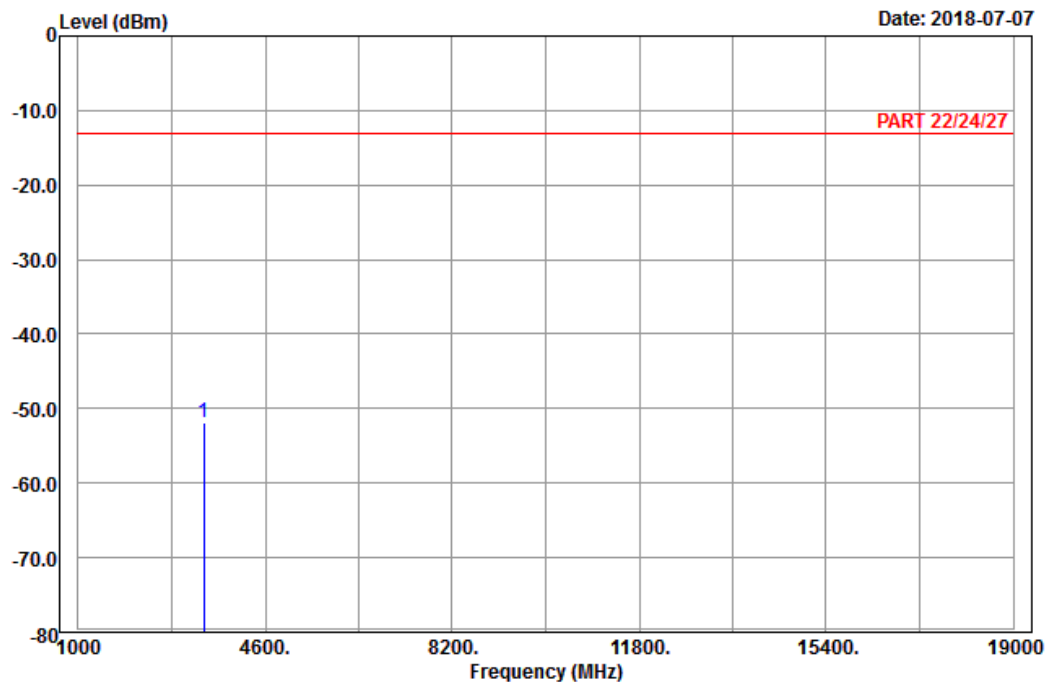


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-07-07



Site : 966 chamber 1  
Condition: PART 22/24/27 Vertical  
Remark : LTE\_Band 66\_Link\_CH131979  
Tested by: Karl Lee

|              |        | Read   | Limit  | Over   |        |        |
|--------------|--------|--------|--------|--------|--------|--------|
| Freq         | Level  | Level  | Line   | Limit  | Factor | Remark |
| MHz          | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1 pp 3421.40 | -51.79 | -66.16 | -13.00 | -38.79 | 14.37  | Peak   |

# Middle Channel

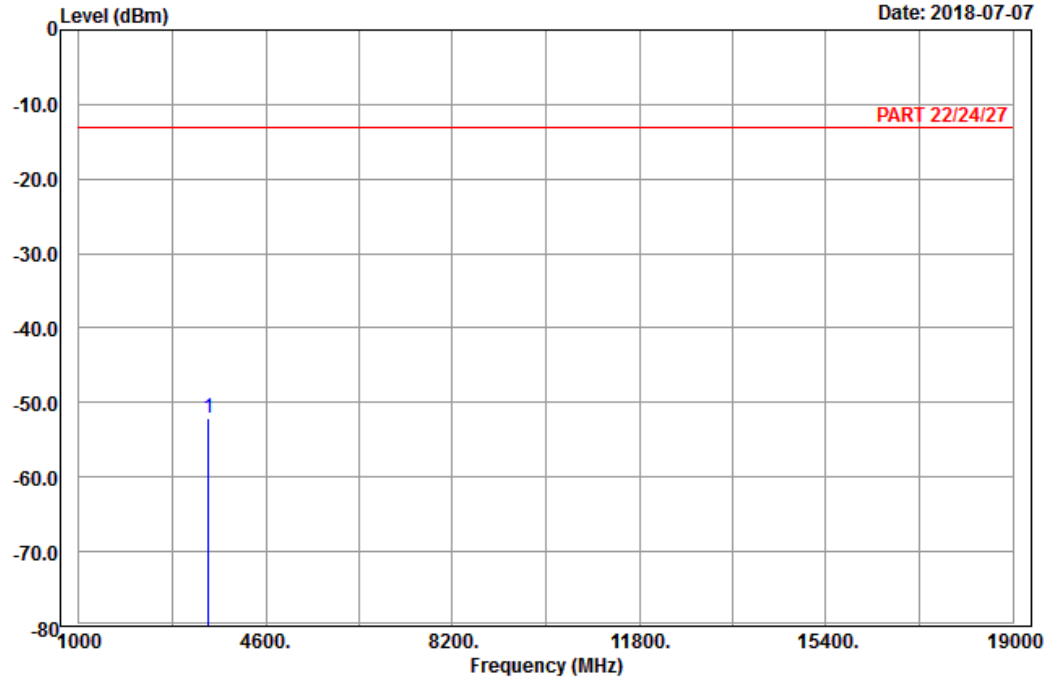


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2018-07-07



Site : 966 chamber 1  
Condition: PART 22/24/27 Horizontal  
Remark : LTE\_Band 66\_Link\_CH132322  
Tested by: Karl Lee

|              |        | Read   | Limit  | Over   |        |        |
|--------------|--------|--------|--------|--------|--------|--------|
| Freq         | Level  | Level  | Line   | Limit  | Factor | Remark |
| MHz          | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1 pp 3490.00 | -52.06 | -66.37 | -13.00 | -39.06 | 14.31  | Peak   |

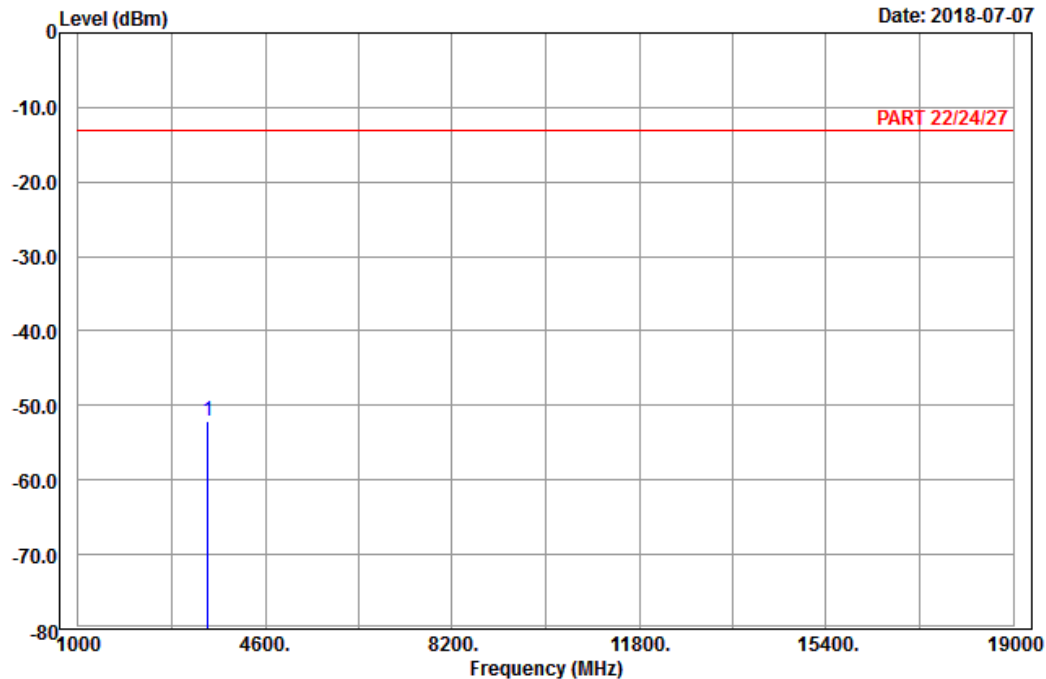


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-07-07



Site : 966 chamber 1  
Condition: PART 22/24/27 Vertical  
Remark : LTE\_Band 66\_Link\_CH132322  
Tested by: Karl Lee

|              |        | Read   | Limit  | Over   |        |        |
|--------------|--------|--------|--------|--------|--------|--------|
| Freq         | Level  | Level  | Line   | Limit  | Factor | Remark |
| MHz          | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1 pp 3490.00 | -52.15 | -66.46 | -13.00 | -39.15 | 14.31  | Peak   |

# High Channel

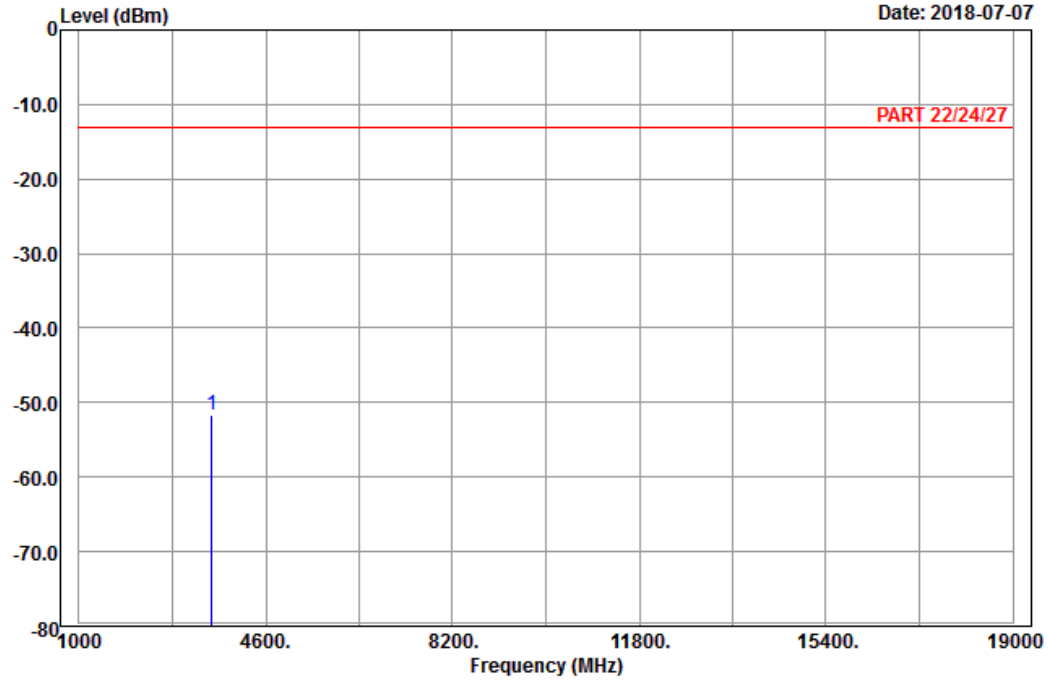


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2018-07-07



Site : 966 chamber 1  
Condition: PART 22/24/27 Horizontal  
Remark : LTE\_Band 66\_Link\_CH132665  
Tested by: Karl Lee

|              |        | Read   | Limit  | Over   |        |        |
|--------------|--------|--------|--------|--------|--------|--------|
| Freq         | Level  | Level  | Line   | Limit  | Factor | Remark |
| MHz          | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1 pp 3558.60 | -51.72 | -66.91 | -13.00 | -38.72 | 15.19  | Peak   |

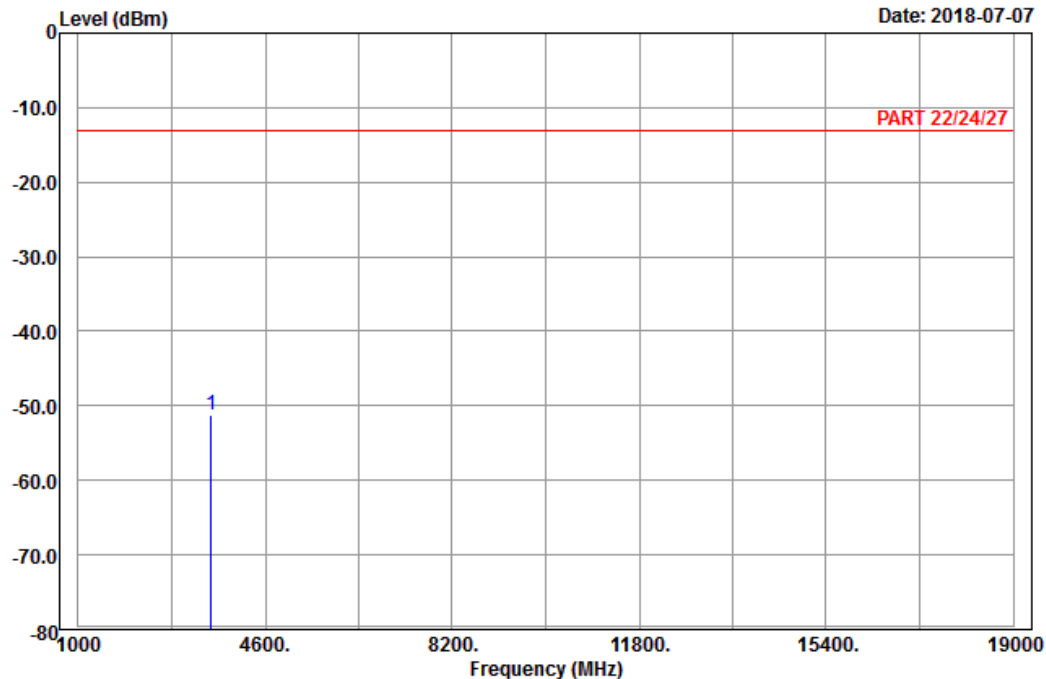


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-07-07



Site : 966 chamber 1  
Condition: PART 22/24/27 Vertical  
Remark : LTE\_Band 66\_Link\_CH132665  
Tested by: Karl Lee

|              |        | Read   | Limit  | Over   |        |        |
|--------------|--------|--------|--------|--------|--------|--------|
| Freq         | Level  | Level  | Line   | Limit  | Factor | Remark |
| MHz          | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1 pp 3558.60 | -51.25 | -66.44 | -13.00 | -38.25 | 15.19  | Peak   |

Channel Bandwidth: 5 MHz / QPSK  
Low Channel

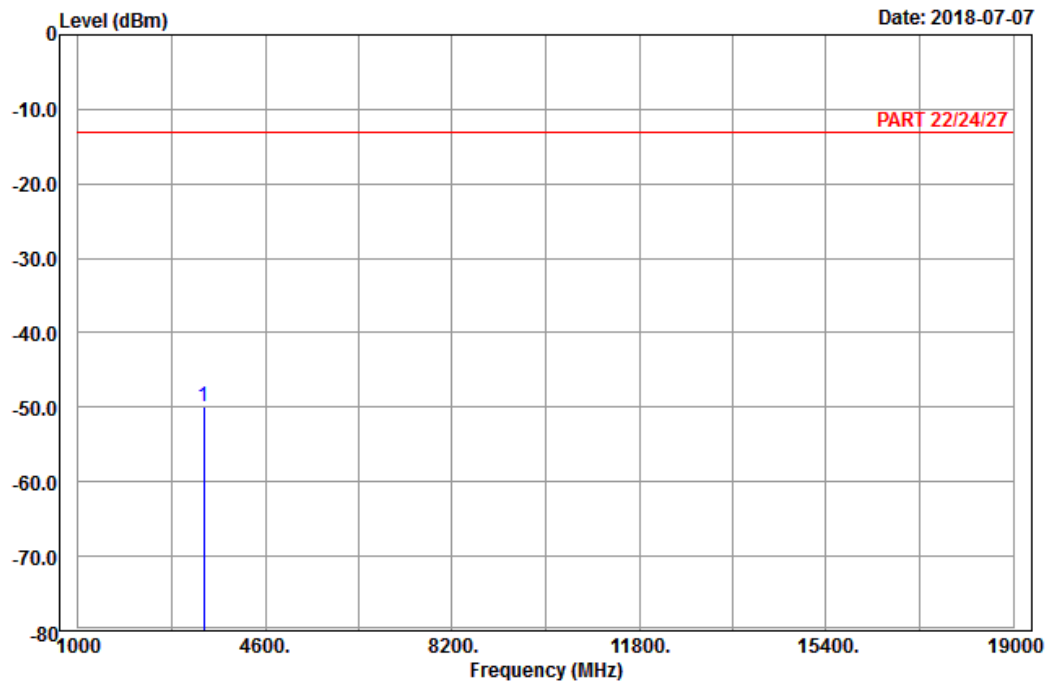


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2018-07-07



Site : 966 chamber 1  
Condition: PART 22/24/27 Horizontal  
Remark : LTE\_Band 66\_Link\_CH131997  
Tested by: Karl Lee

|              |        | Read   | Limit  | Over   |        |        |
|--------------|--------|--------|--------|--------|--------|--------|
| Freq         | Level  | Level  | Line   | Limit  | Factor | Remark |
| MHz          | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1 pp 3425.00 | -50.01 | -64.38 | -13.00 | -37.01 | 14.37  | Peak   |

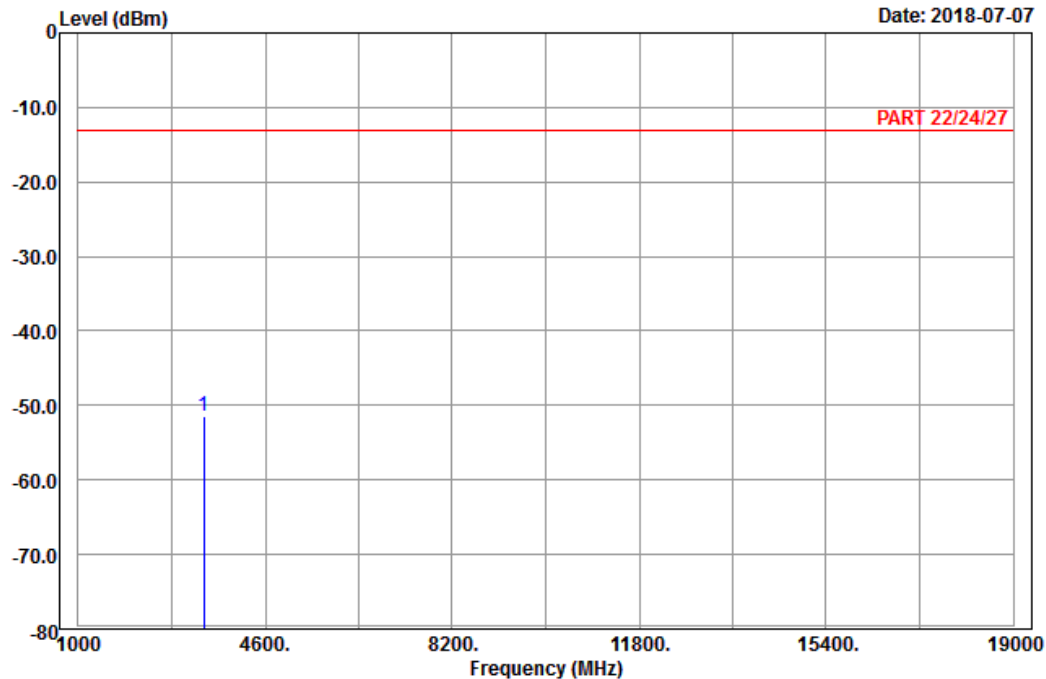


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-07-07



Site : 966 chamber 1  
Condition: PART 22/24/27 Vertical  
Remark : LTE\_Band 66\_Link\_CH131997  
Tested by: Karl Lee

|              |        | Read   | Limit  | Over   |        |        |
|--------------|--------|--------|--------|--------|--------|--------|
| Freq         | Level  | Level  | Line   | Limit  | Factor | Remark |
| MHz          | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1 pp 3425.00 | -51.51 | -65.88 | -13.00 | -38.51 | 14.37  | Peak   |

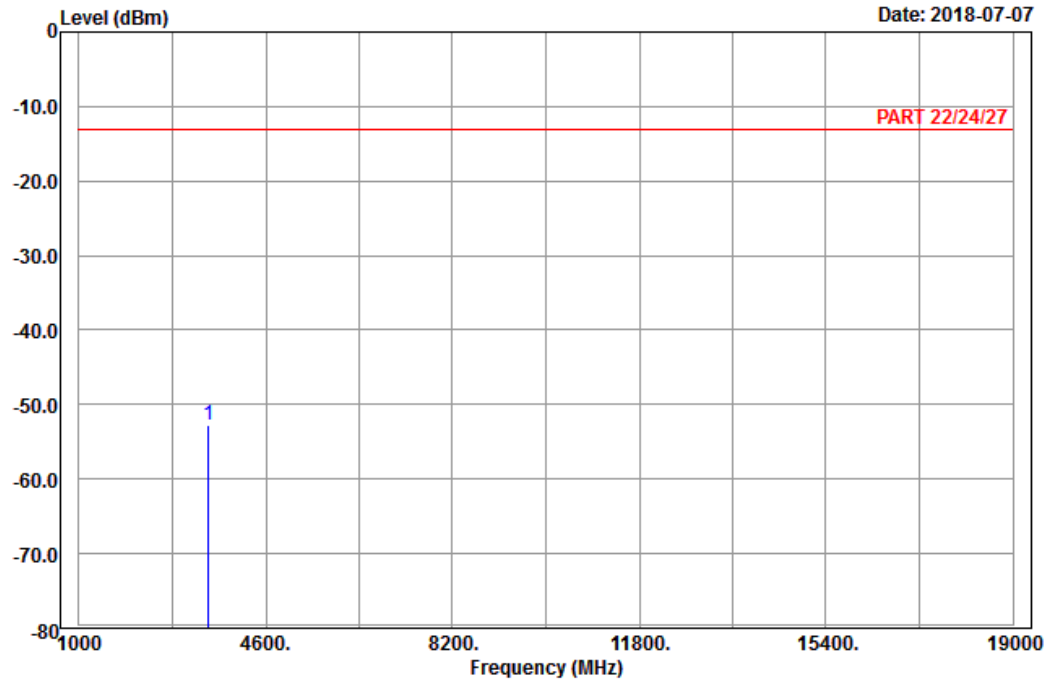
# Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9



Site : 966 chamber 1  
Condition: PART 22/24/27 Horizontal  
Remark : LTE\_Band 66\_Link\_CH132322  
Tested by: Karl Lee

|              |        | Read   | Limit  | Over   |        |        |
|--------------|--------|--------|--------|--------|--------|--------|
| Freq         | Level  | Level  | Line   | Limit  | Factor | Remark |
| MHz          | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1 pp 3490.00 | -52.80 | -67.11 | -13.00 | -39.80 | 14.31  | Peak   |

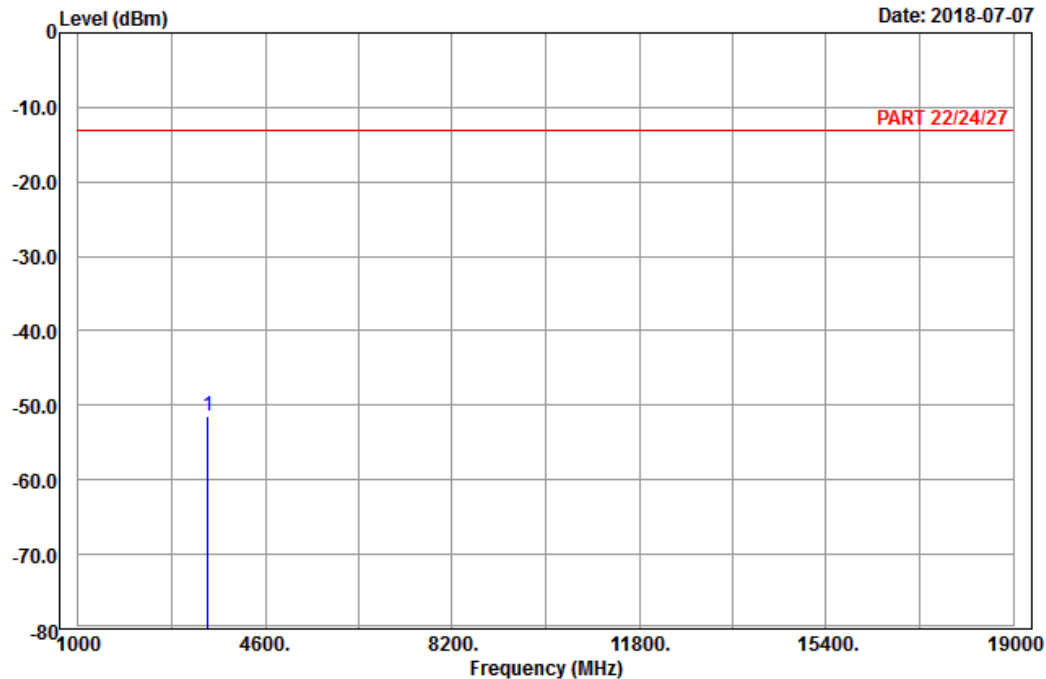


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-07-07



Site : 966 chamber 1  
 Condition: PART 22/24/27 Vertical  
 Remark : LTE\_Band 66\_Link\_CH132322  
 Tested by: Karl Lee

|              |        | Read   | Limit  | Over   |        |        |
|--------------|--------|--------|--------|--------|--------|--------|
| Freq         | Level  | Level  | Line   | Limit  | Factor | Remark |
| MHz          | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1 pp 3490.00 | -51.41 | -65.72 | -13.00 | -38.41 | 14.31  | Peak   |

# High Channel

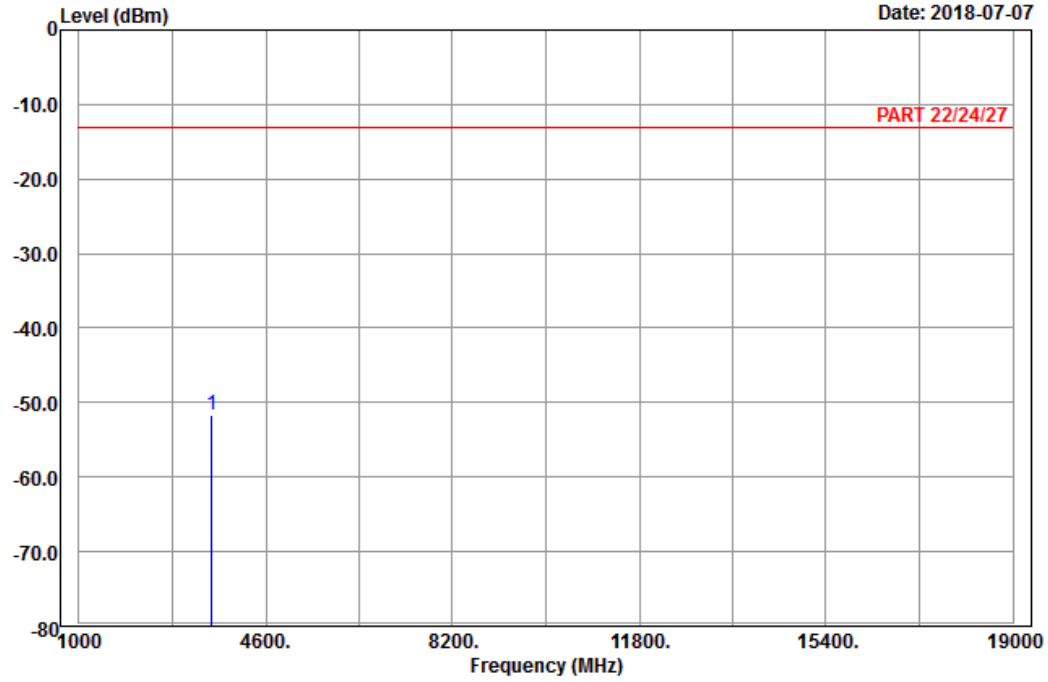


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2018-07-07



Site : 966 chamber 1  
Condition: PART 22/24/27 Horizontal  
Remark : LTE\_Band 66\_Link\_CH132647  
Tested by: Karl Lee

|              |        | Read   | Limit  | Over   |        |        |
|--------------|--------|--------|--------|--------|--------|--------|
| Freq         | Level  | Level  | Line   | Limit  | Factor | Remark |
| MHz          | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1 pp 3555.00 | -51.62 | -66.81 | -13.00 | -38.62 | 15.19  | Peak   |

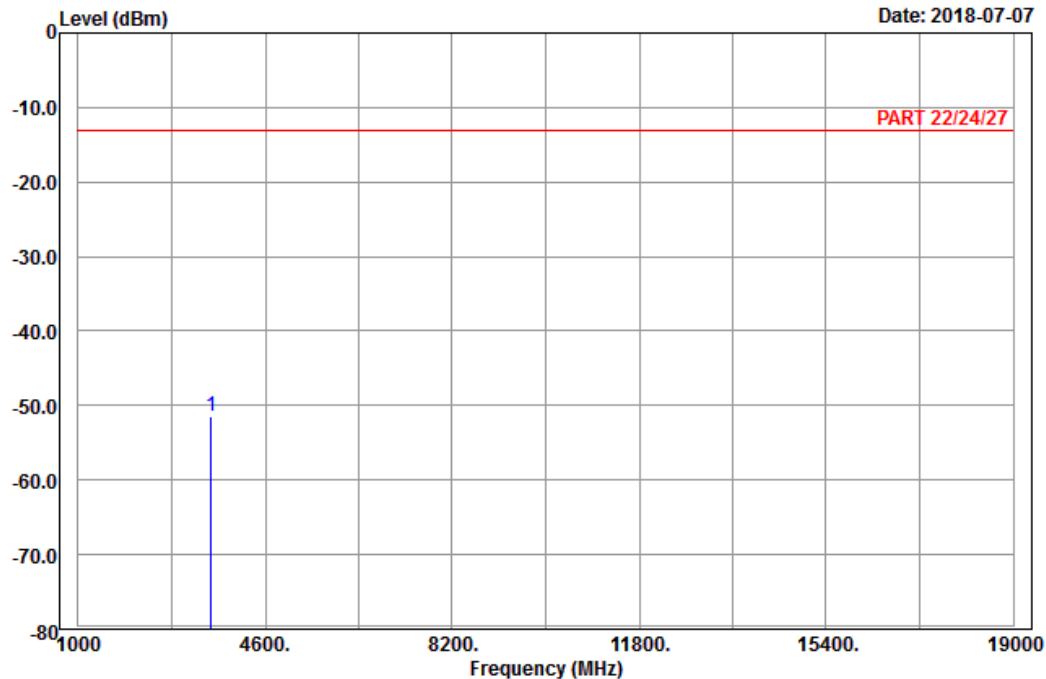


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-07-07



Site : 966 chamber 1  
Condition: PART 22/24/27 Vertical  
Remark : LTE\_Band 66\_Link\_CH132647  
Tested by: Karl Lee

|              |        | Read   | Limit  | Over   |        |        |
|--------------|--------|--------|--------|--------|--------|--------|
| Freq         | Level  | Level  | Line   | Limit  | Factor | Remark |
| MHz          | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1 pp 3555.00 | -51.43 | -66.62 | -13.00 | -38.43 | 15.19  | Peak   |

Channel Bandwidth: 20 MHz / QPSK  
Low Channel

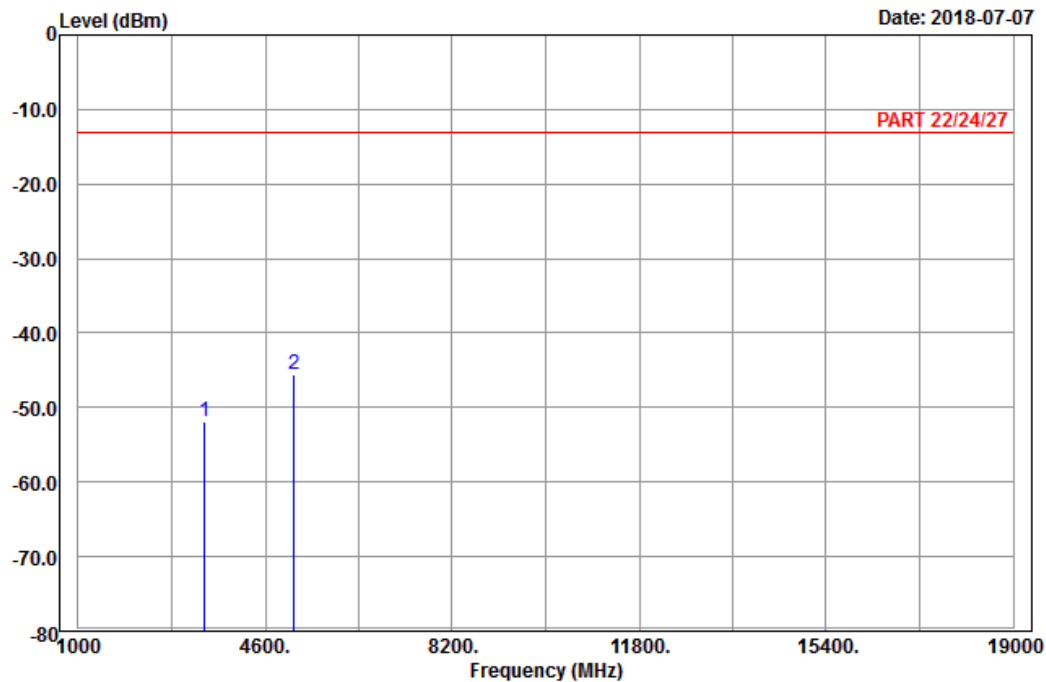


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2018-07-07



Site : 966 chamber 1  
Condition: PART 22/24/27 Horizontal  
Remark : LTE\_Band 66\_Link\_CH132072  
Tested by: Karl Lee

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark |
|------|---------|--------|------------|------------|------------|--------|--------|
|      | MHz     | dBm    | dBm        | dBm        | dB         | dB     |        |
| 1    | 3440.00 | -51.81 | -66.16     | -13.00     | -38.81     | 14.35  | Peak   |
| 2 pp | 5160.00 | -45.50 | -65.42     | -13.00     | -32.50     | 19.92  | Peak   |

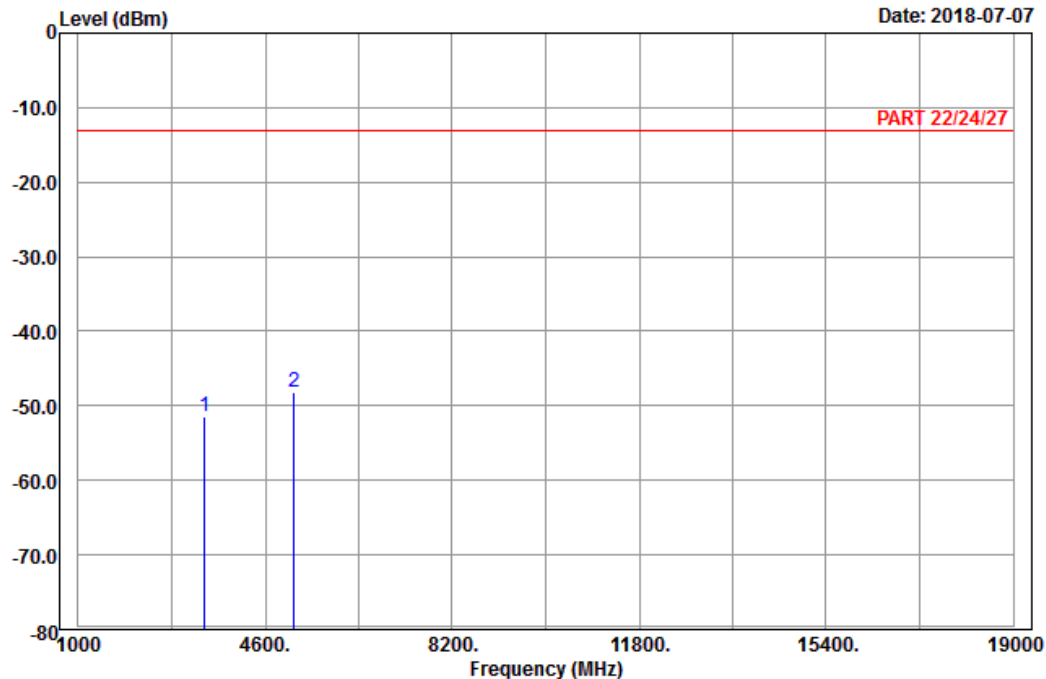


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-07-07



Site : 966 chamber 1  
Condition: PART 22/24/27 Vertical  
Remark : LTE\_Band 66\_Link\_CH132072  
Tested by: Karl Lee

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark |
|------|---------|--------|------------|------------|------------|--------|--------|
|      | MHz     | dBm    | dBm        | dBm        | dB         | dB     |        |
| 1    | 3440.00 | -51.40 | -65.75     | -13.00     | -38.40     | 14.35  | Peak   |
| 2 pp | 5160.00 | -48.11 | -68.03     | -13.00     | -35.11     | 19.92  | Peak   |

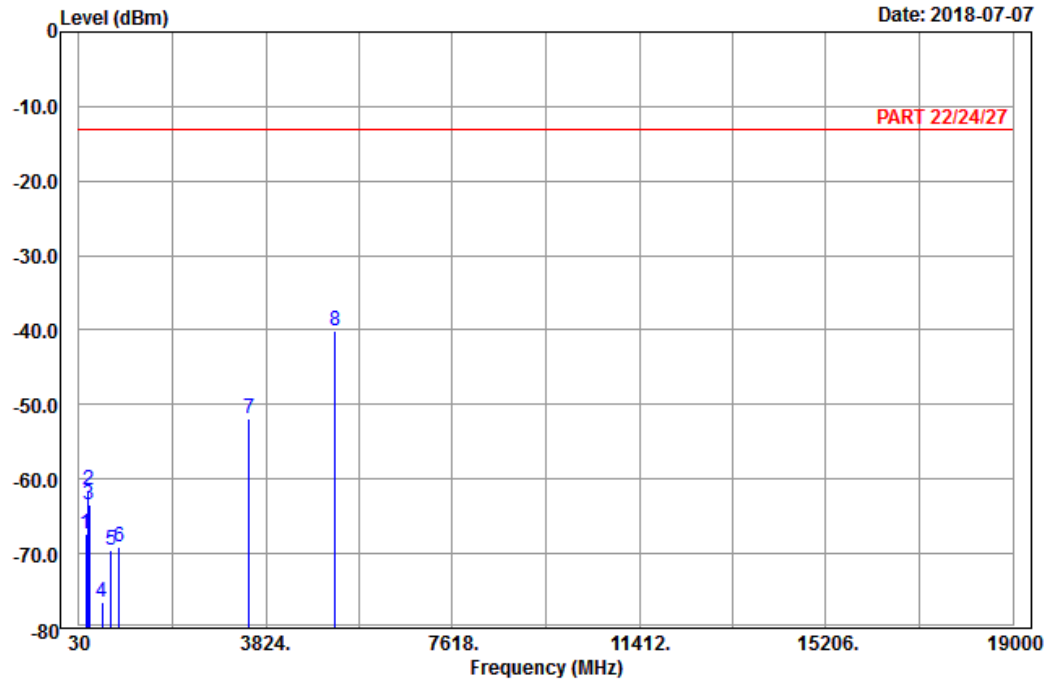
# Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 13



Site : 966 chamber 1  
Condition: PART 22/24/27 Horizontal  
Remark : LTE\_Band 66\_Link\_CH132322  
Tested by: Karl Lee

|      |         |        | Read   | Limit  | Over   |        |        |
|------|---------|--------|--------|--------|--------|--------|--------|
|      | Freq    | Level  | Level  | Line   | Limit  | Factor | Remark |
|      | MHz     | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1    | 170.67  | -67.30 | -60.70 | -13.00 | -54.30 | -6.60  | Peak   |
| 2    | 211.71  | -61.41 | -55.38 | -13.00 | -48.41 | -6.03  | Peak   |
| 3    | 230.88  | -63.52 | -57.75 | -13.00 | -50.52 | -5.77  | Peak   |
| 4    | 493.20  | -76.55 | -71.46 | -13.00 | -63.55 | -5.09  | Peak   |
| 5    | 677.30  | -69.56 | -69.29 | -13.00 | -56.56 | -0.27  | Peak   |
| 6    | 838.30  | -69.01 | -70.59 | -13.00 | -56.01 | 1.58   | Peak   |
| 7    | 3490.00 | -51.77 | -66.08 | -13.00 | -38.77 | 14.31  | Peak   |
| 8 pp | 5235.00 | -40.11 | -60.27 | -13.00 | -27.11 | 20.16  | Peak   |

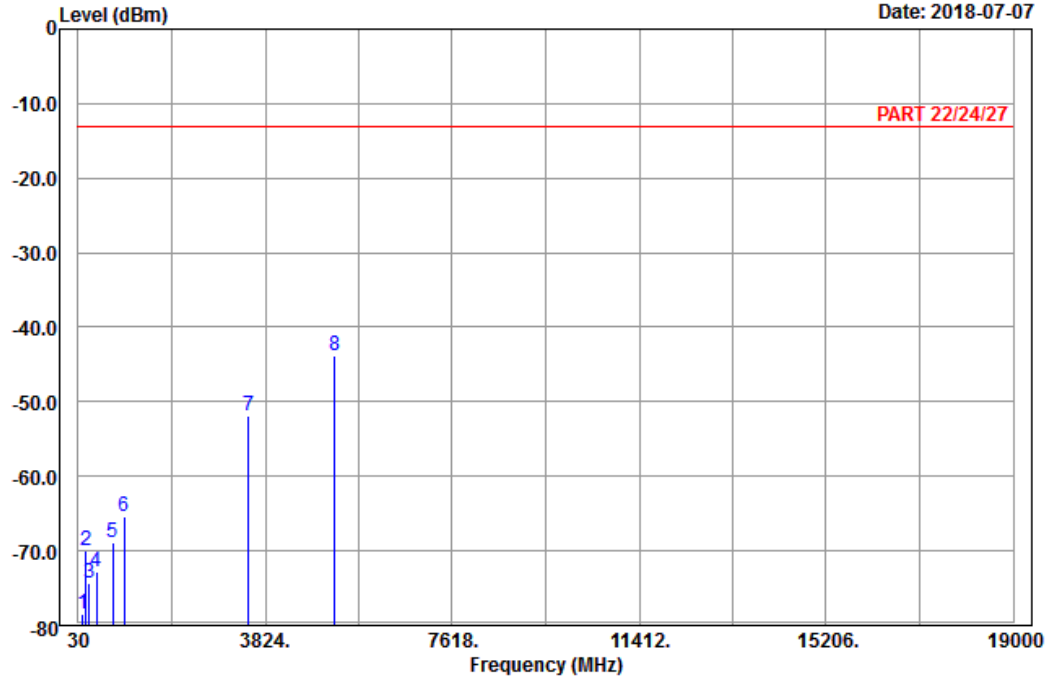


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 14

Date: 2018-07-07



Site : 966 chamber 1  
Condition: PART 22/24/27 Vertical  
Remark : LTE\_Band 66\_Link\_CH132322  
Tested by: Karl Lee

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark |
|------|---------|--------|------------|------------|------------|--------|--------|
|      | MHz     | dBm    | dBm        | dBm        | dB         | dB     |        |
| 1    | 121.26  | -78.37 | -70.18     | -13.00     | -65.37     | -8.19  | Peak   |
| 2    | 187.41  | -69.98 | -64.29     | -13.00     | -56.98     | -5.69  | Peak   |
| 3    | 244.65  | -74.43 | -68.84     | -13.00     | -61.43     | -5.59  | Peak   |
| 4    | 408.50  | -72.84 | -69.91     | -13.00     | -59.84     | -2.93  | Peak   |
| 5    | 725.60  | -68.85 | -68.00     | -13.00     | -55.85     | -0.85  | Peak   |
| 6    | 968.50  | -65.36 | -70.53     | -13.00     | -52.36     | 5.17   | Peak   |
| 7    | 3490.00 | -51.95 | -66.26     | -13.00     | -38.95     | 14.31  | Peak   |
| 8 pp | 5235.00 | -43.71 | -63.87     | -13.00     | -30.71     | 20.16  | Peak   |

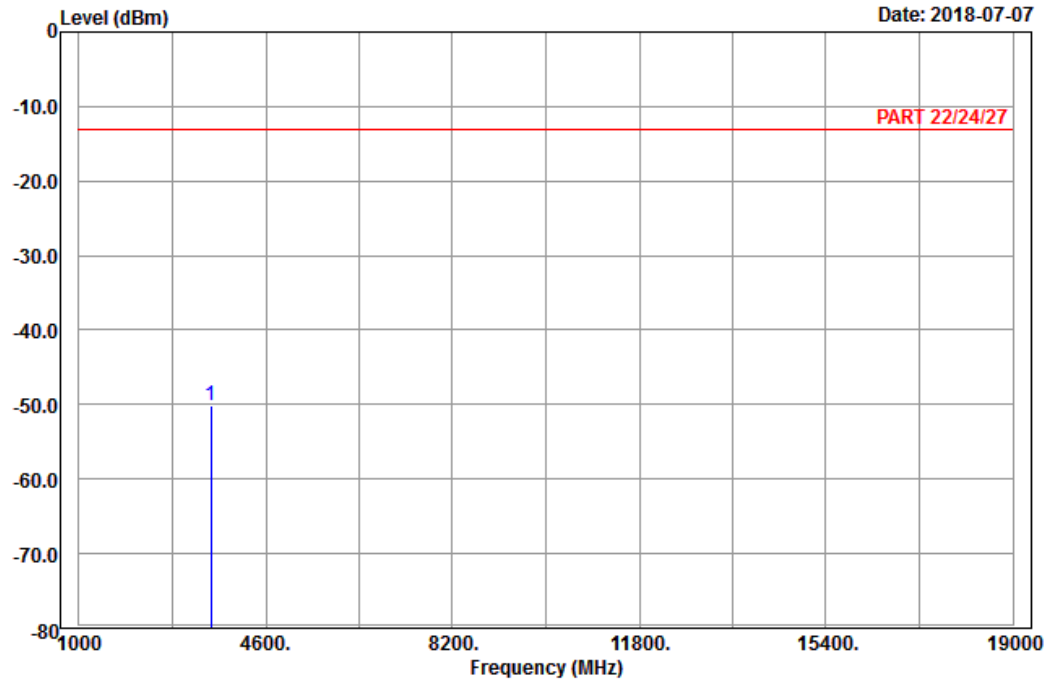
# High Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9



Site : 966 chamber 1  
Condition: PART 22/24/27 Horizontal  
Remark : LTE\_Band 66\_Link\_CH132572  
Tested by: Karl Lee

|              |        | Read   | Limit  | Over   |        |        |
|--------------|--------|--------|--------|--------|--------|--------|
| Freq         | Level  | Level  | Line   | Limit  | Factor | Remark |
| MHz          | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1 pp 3540.00 | -50.16 | -65.05 | -13.00 | -37.16 | 14.89  | Peak   |

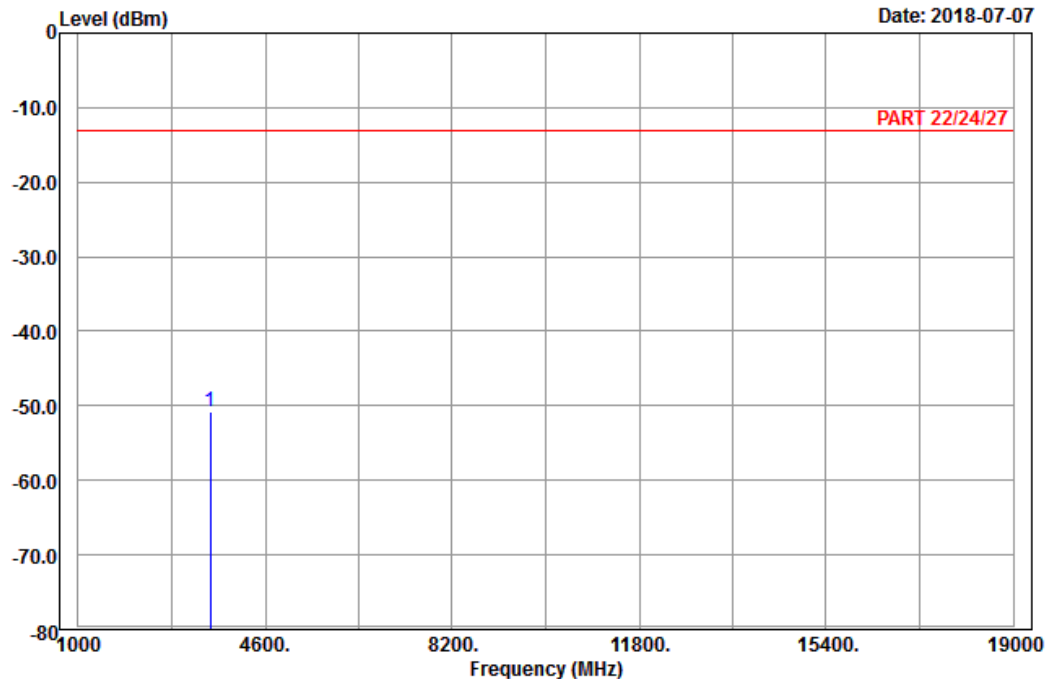


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-07-07



Site : 966 chamber 1  
Condition: PART 22/24/27 Vertical  
Remark : LTE\_Band 66\_Link\_CH132572  
Tested by: Karl Lee

|              |        | Read   | Limit  | Over   |        |        |
|--------------|--------|--------|--------|--------|--------|--------|
| Freq         | Level  | Level  | Line   | Limit  | Factor | Remark |
| MHz          | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1 pp 3540.00 | -50.75 | -65.64 | -13.00 | -37.75 | 14.89  | Peak   |

Mode B  
WCDMA:  
Low Channel

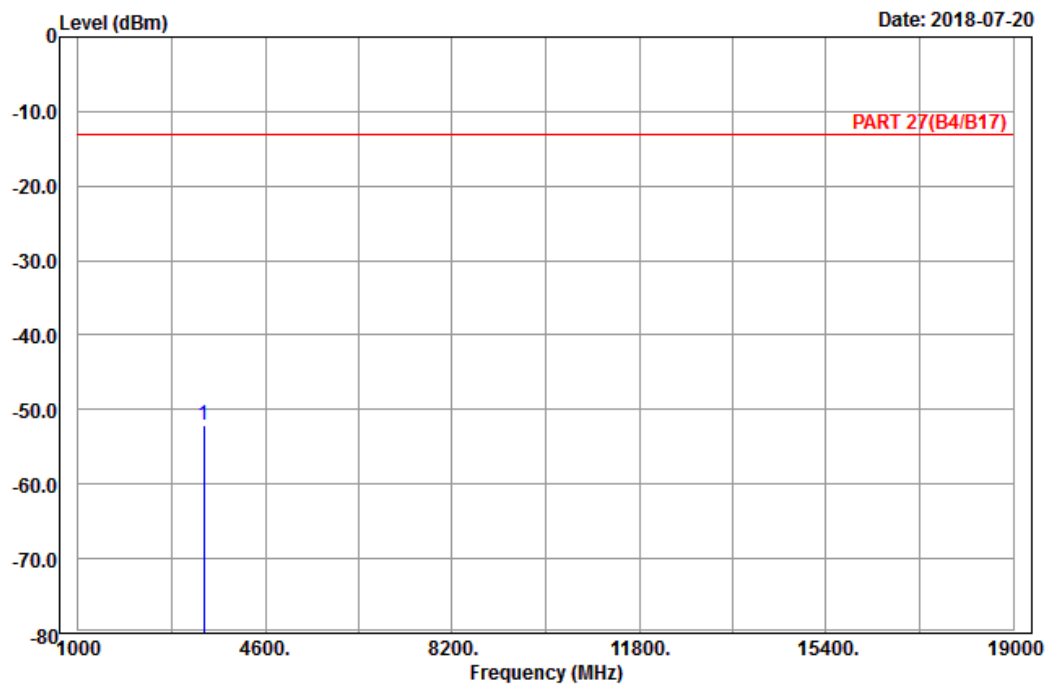


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2018-07-20



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Horizontal  
Remark : Band IV\_Link\_CH1312  
Tested by: Charles Hsiao

|              |        | Read   | Limit  | Over   |        |        |
|--------------|--------|--------|--------|--------|--------|--------|
| Freq         | Level  | Level  | Line   | Limit  | Factor | Remark |
| MHz          | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1 pp 3424.80 | -52.15 | -66.52 | -13.00 | -39.15 | 14.37  | Peak   |

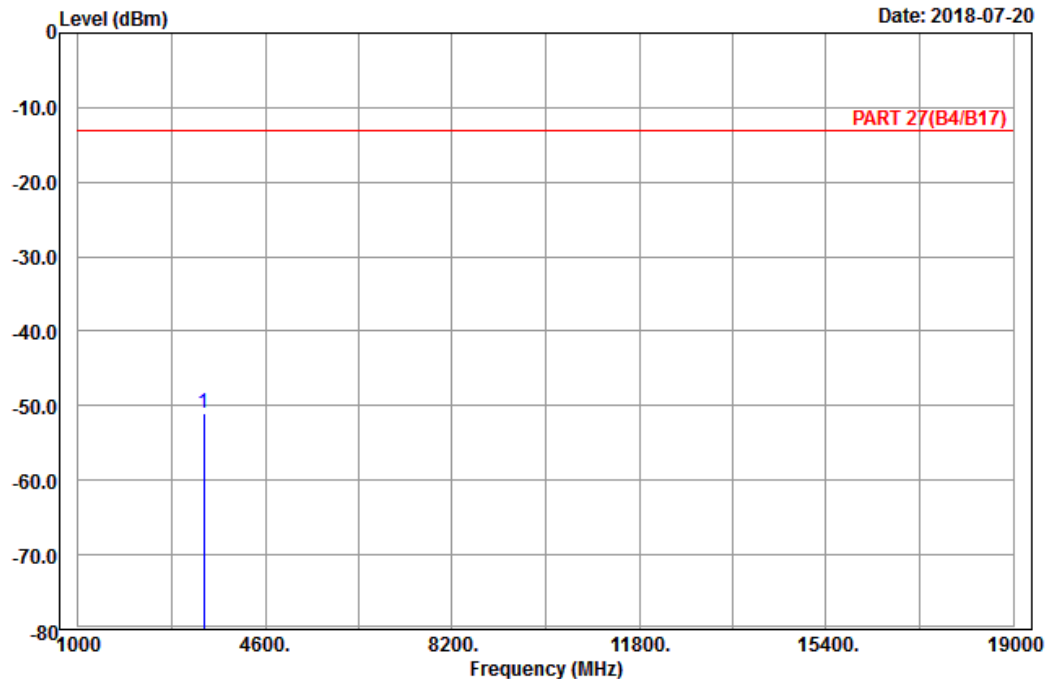


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-07-20



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Vertical  
Remark : Band IV\_Link\_CH1312  
Tested by: Charles Hsiao

|              |        |        | Read   | Limit  | Over   |        |  |
|--------------|--------|--------|--------|--------|--------|--------|--|
| Freq         | Level  | Level  | Line   | Limit  | Factor | Remark |  |
| MHz          | dBm    | dBm    | dBm    | dB     | dB     |        |  |
| 1 pp 3424.80 | -51.02 | -65.39 | -13.00 | -38.02 | 14.37  | Peak   |  |

## Middle Channel

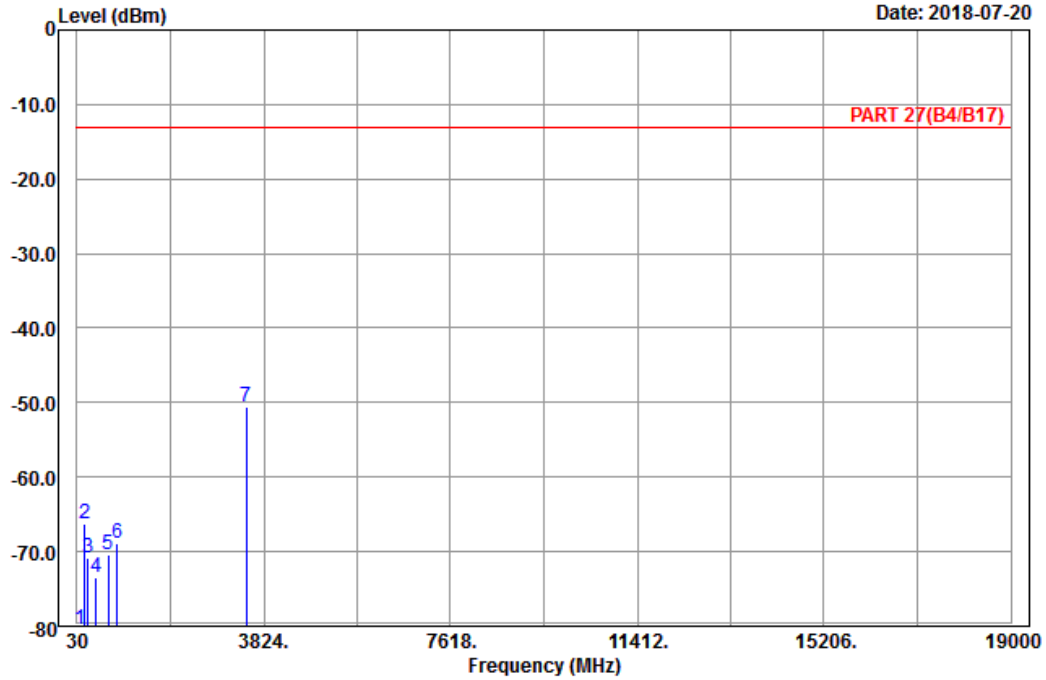


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 13

Date: 2018-07-20



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Horizontal  
Remark : Band IV\_Link\_CH1413  
Tested by: Charles Hsiao

|      |         | Read   | Limit  | Over   |        |        |      |
|------|---------|--------|--------|--------|--------|--------|------|
| Freq | Level   | Level  | Line   | Limit  | Factor | Remark |      |
| MHz  | dBm     | dBm    | dBm    | dB     | dB     |        |      |
| 1    | 105.33  | -80.43 | -71.01 | -13.00 | -67.43 | -9.42  | Peak |
| 2    | 181.74  | -66.26 | -60.67 | -13.00 | -53.26 | -5.59  | Peak |
| 3    | 255.18  | -70.83 | -65.28 | -13.00 | -57.83 | -5.55  | Peak |
| 4    | 411.30  | -73.36 | -70.36 | -13.00 | -60.36 | -3.00  | Peak |
| 5    | 663.30  | -70.45 | -70.25 | -13.00 | -57.45 | -0.20  | Peak |
| 6    | 838.30  | -68.79 | -70.37 | -13.00 | -55.79 | 1.58   | Peak |
| 7 pp | 3465.20 | -50.62 | -64.96 | -13.00 | -37.62 | 14.34  | Peak |

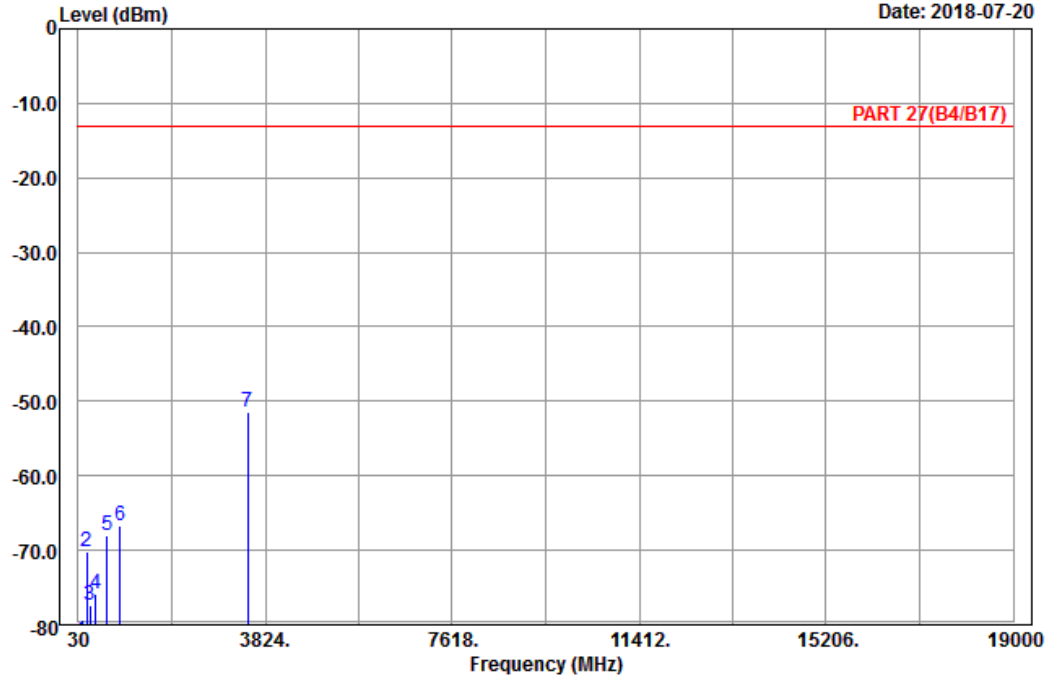


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 14

Date: 2018-07-20



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Vertical  
Remark : Band IV\_Link\_CH1413  
Tested by: Charles Hsiao

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark |
|------|---------|--------|------------|------------|------------|--------|--------|
|      | MHz     | dBm    | dBm        | dBm        | dB         | dB     |        |
| 1    | 103.98  | -82.19 | -72.54     | -13.00     | -69.19     | -9.65  | Peak   |
| 2    | 194.97  | -70.20 | -64.24     | -13.00     | -57.20     | -5.96  | Peak   |
| 3    | 271.38  | -77.45 | -71.75     | -13.00     | -64.45     | -5.70  | Peak   |
| 4    | 383.30  | -75.78 | -72.16     | -13.00     | -62.78     | -3.62  | Peak   |
| 5    | 620.60  | -67.94 | -68.14     | -13.00     | -54.94     | 0.20   | Peak   |
| 6    | 883.80  | -66.72 | -69.14     | -13.00     | -53.72     | 2.42   | Peak   |
| 7 pp | 3465.20 | -51.44 | -65.78     | -13.00     | -38.44     | 14.34  | Peak   |

## High Channel

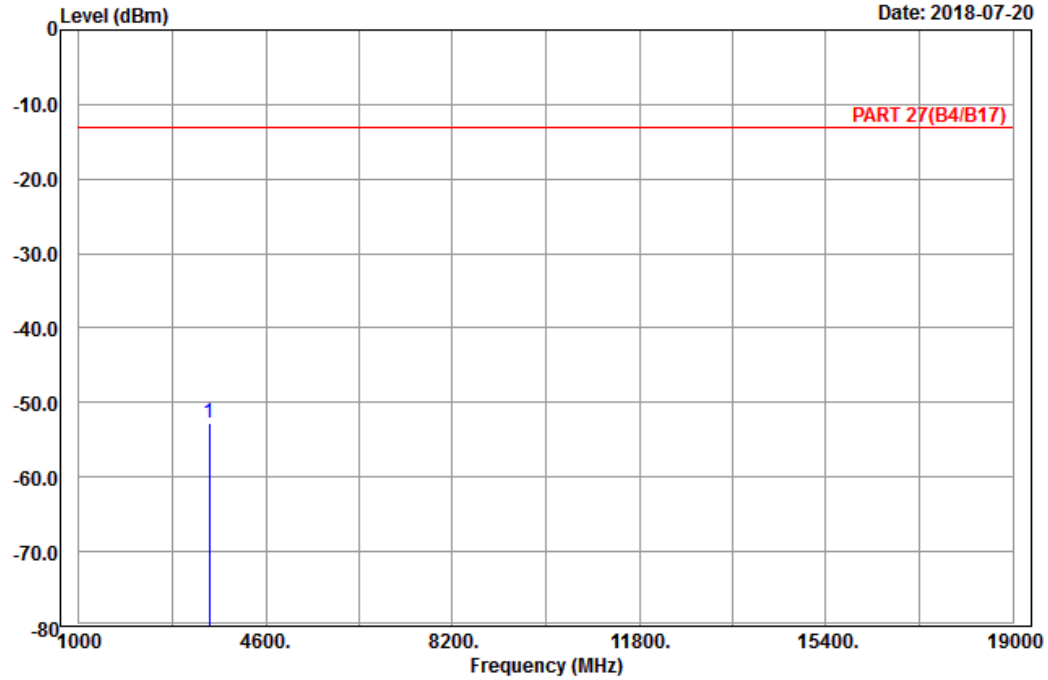


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2018-07-20



Site : 966 chamber 1  
 Condition: PART 27(B4/B17) Horizontal  
 Remark : Band IV\_Link\_CH1513  
 Tested by: Charles Hsiao

|              |        | Read   | Limit  | Over   |        |        |
|--------------|--------|--------|--------|--------|--------|--------|
| Freq         | Level  | Level  | Line   | Limit  | Factor | Remark |
| MHz          | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1 pp 3505.20 | -52.80 | -67.08 | -13.00 | -39.80 | 14.28  | Peak   |

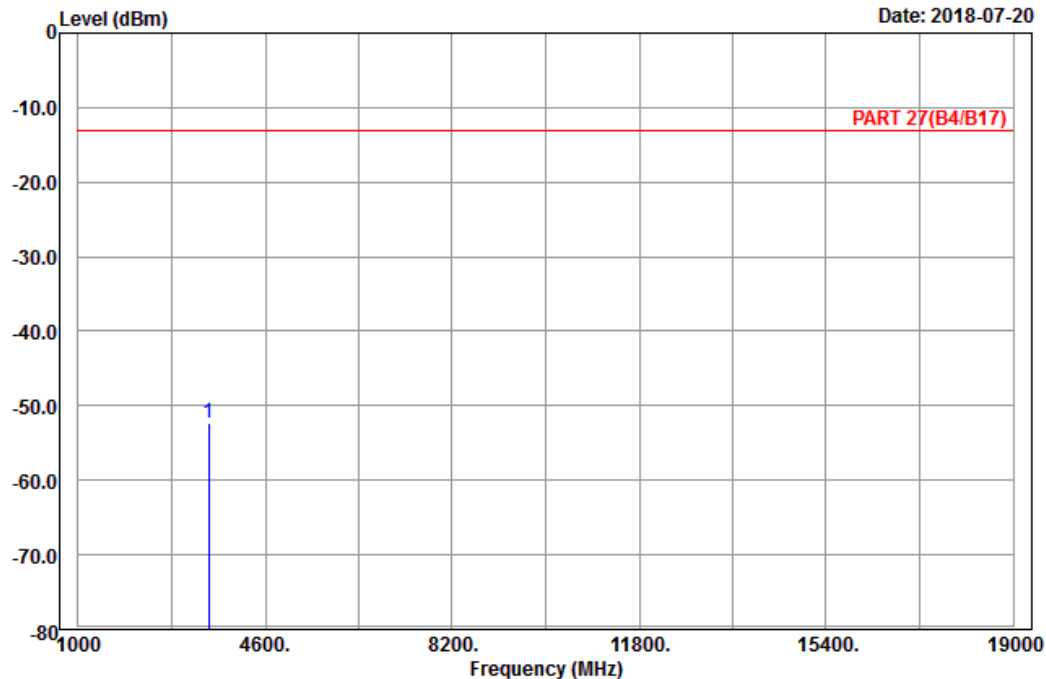


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-07-20



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Vertical  
Remark : Band IV\_Link\_CH1513  
Tested by: Charles Hsiao

| Freq         | Level  | Read   | Limit  | Over   | Factor | Remark |
|--------------|--------|--------|--------|--------|--------|--------|
|              |        | Level  | Line   | Limit  |        |        |
| MHz          | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1 pp 3505.20 | -52.41 | -66.69 | -13.00 | -39.41 | 14.28  | Peak   |

LTE Band 4  
Channel Bandwidth: 20 MHz / QPSK  
Low Channel

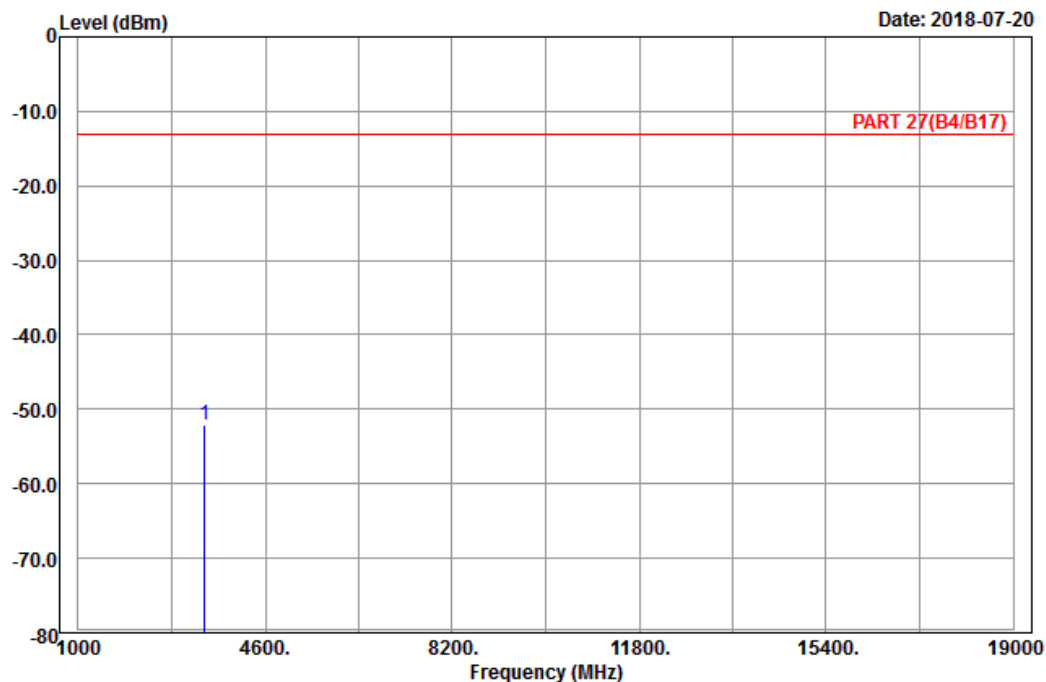


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2018-07-20



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Horizontal  
Remark : LTE\_Band 4\_Link\_CH20050  
Tested by: Karl Lee

|              |        | Read   | Limit  | Over   |        |        |
|--------------|--------|--------|--------|--------|--------|--------|
| Freq         | Level  | Level  | Line   | Limit  | Factor | Remark |
| MHz          | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1 pp 3440.00 | -52.00 | -66.35 | -13.00 | -39.00 | 14.35  | Peak   |

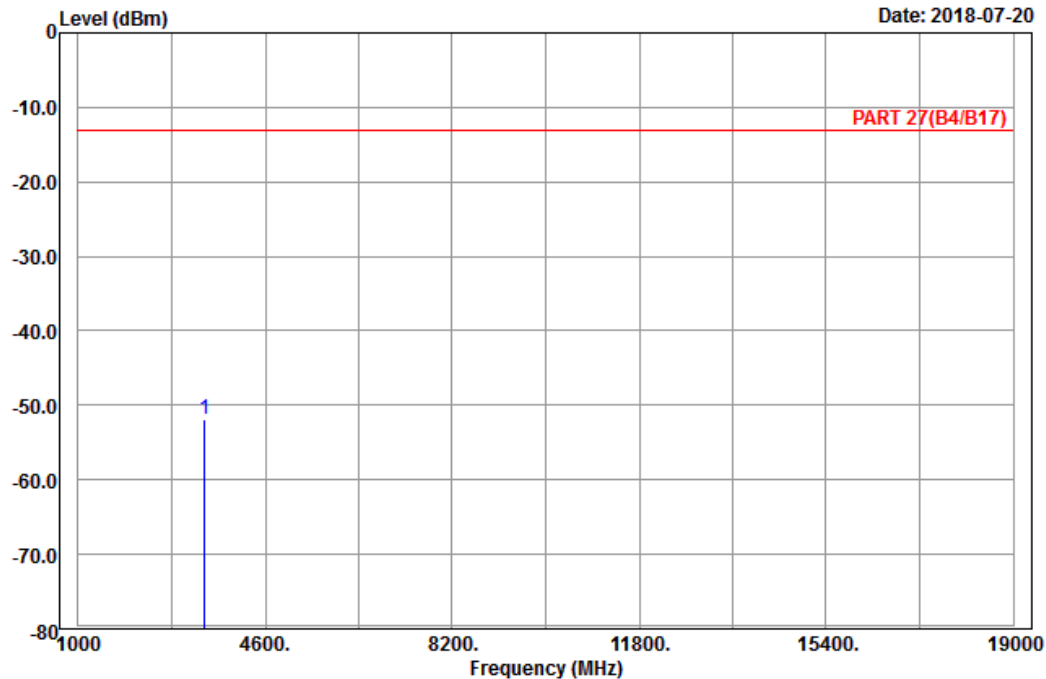


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-07-20



Site : 966 chamber 1  
 Condition: PART 27(B4/B17) Vertical  
 Remark : LTE\_Band 4\_Link\_CH20050  
 Tested by: Karl Lee

|              |        | Read   | Limit  | Over   |        |        |
|--------------|--------|--------|--------|--------|--------|--------|
| Freq         | Level  | Level  | Line   | Limit  | Factor | Remark |
| MHz          | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1 pp 3440.00 | -51.87 | -66.22 | -13.00 | -38.87 | 14.35  | Peak   |

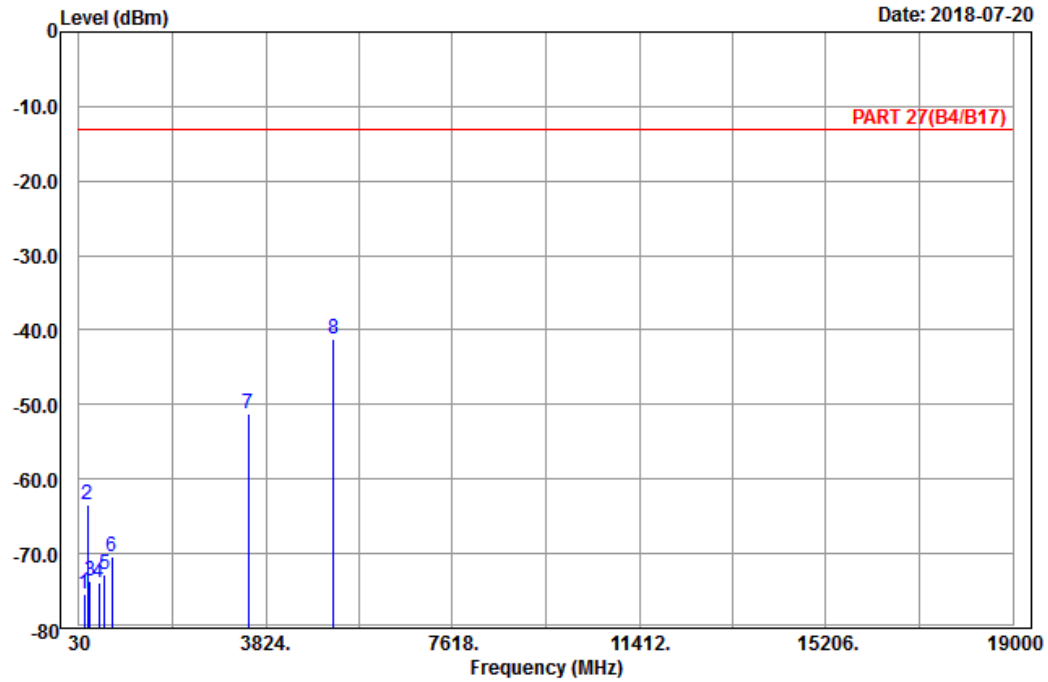
# Middle Channel



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 13



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Horizontal  
Remark : LTE\_Band 4\_Link\_CH20175  
Tested by: Karl Lee

|      |         |        | Read   | Limit  | Over   |        |        |
|------|---------|--------|--------|--------|--------|--------|--------|
|      | Freq    | Level  | Level  | Line   | Limit  | Factor | Remark |
|      | MHz     | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1    | 135.57  | -75.51 | -67.84 | -13.00 | -62.51 | -7.67  | Peak   |
| 2    | 201.45  | -63.54 | -57.38 | -13.00 | -50.54 | -6.16  | Peak   |
| 3    | 250.59  | -73.69 | -68.18 | -13.00 | -60.69 | -5.51  | Peak   |
| 4    | 434.40  | -73.99 | -70.48 | -13.00 | -60.99 | -3.51  | Peak   |
| 5    | 544.30  | -72.83 | -70.74 | -13.00 | -59.83 | -2.09  | Peak   |
| 6    | 699.00  | -70.38 | -70.01 | -13.00 | -57.38 | -0.37  | Peak   |
| 7    | 3465.00 | -51.26 | -65.60 | -13.00 | -38.26 | 14.34  | Peak   |
| 8 pp | 5196.00 | -41.15 | -61.27 | -13.00 | -28.15 | 20.12  | Peak   |

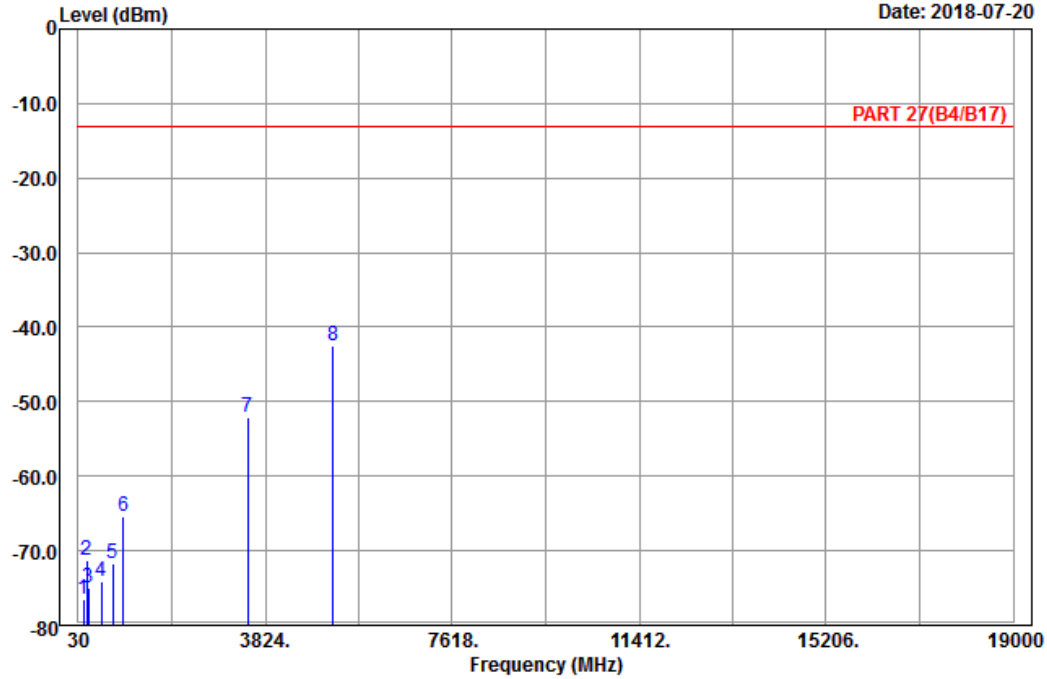


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 14

Date: 2018-07-20



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Vertical  
Remark : LTE\_Band 4\_Link\_CH20175  
Tested by: Karl Lee

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark |
|------|---------|--------|------------|------------|------------|--------|--------|
|      | MHz     | dBm    | dBm        | dBm        | dB         | dB     |        |
| 1    | 144.48  | -76.58 | -68.77     | -13.00     | -63.58     | -7.81  | Peak   |
| 2    | 201.45  | -71.19 | -65.03     | -13.00     | -58.19     | -6.16  | Peak   |
| 3    | 234.39  | -75.03 | -69.31     | -13.00     | -62.03     | -5.72  | Peak   |
| 4    | 503.00  | -74.10 | -69.03     | -13.00     | -61.10     | -5.07  | Peak   |
| 5    | 734.00  | -71.68 | -70.66     | -13.00     | -58.68     | -1.02  | Peak   |
| 6    | 942.60  | -65.33 | -70.13     | -13.00     | -52.33     | 4.80   | Peak   |
| 7    | 3465.00 | -52.02 | -66.36     | -13.00     | -39.02     | 14.34  | Peak   |
| 8 pp | 5197.50 | -42.47 | -62.59     | -13.00     | -29.47     | 20.12  | Peak   |

## High Channel

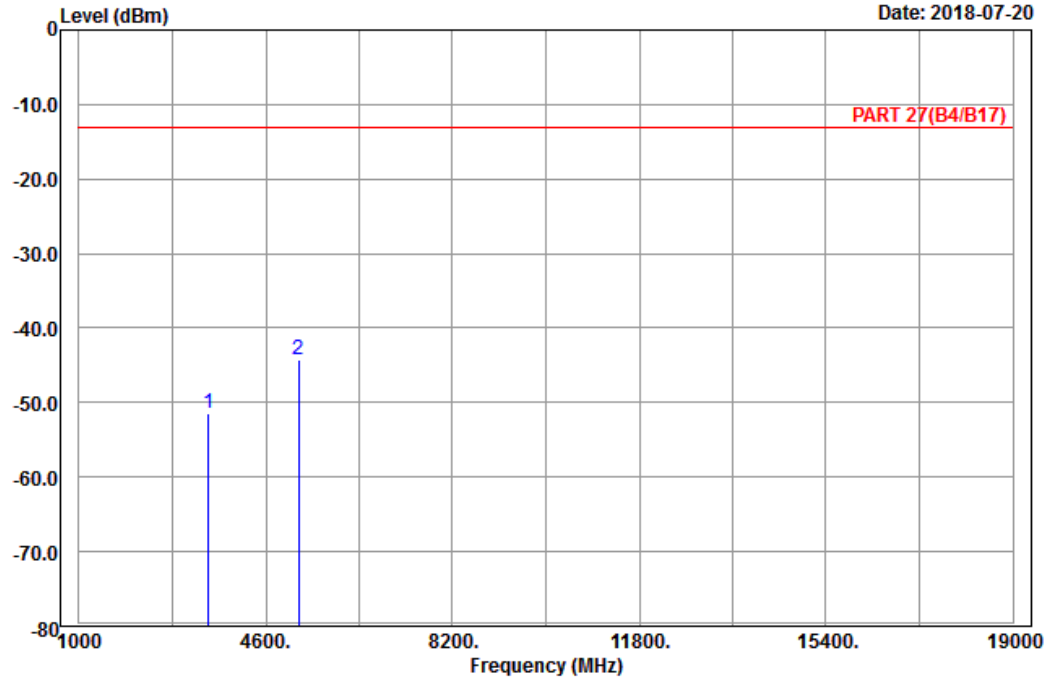


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2018-07-20



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Horizontal  
Remark : LTE\_Band 4\_Link\_CH20300  
Tested by: Karl Lee

|      |         | Read   | Limit  | Over   |        |            |
|------|---------|--------|--------|--------|--------|------------|
| Freq | Level   | Level  | Line   | Limit  | Factor | Remark     |
| MHz  | dBm     | dBm    | dBm    | dB     | dB     |            |
| 1    | 3490.00 | -51.50 | -65.81 | -13.00 | -38.50 | 14.31 Peak |
| 2    | 5235.00 | -44.35 | -64.51 | -13.00 | -31.35 | 20.16 Peak |

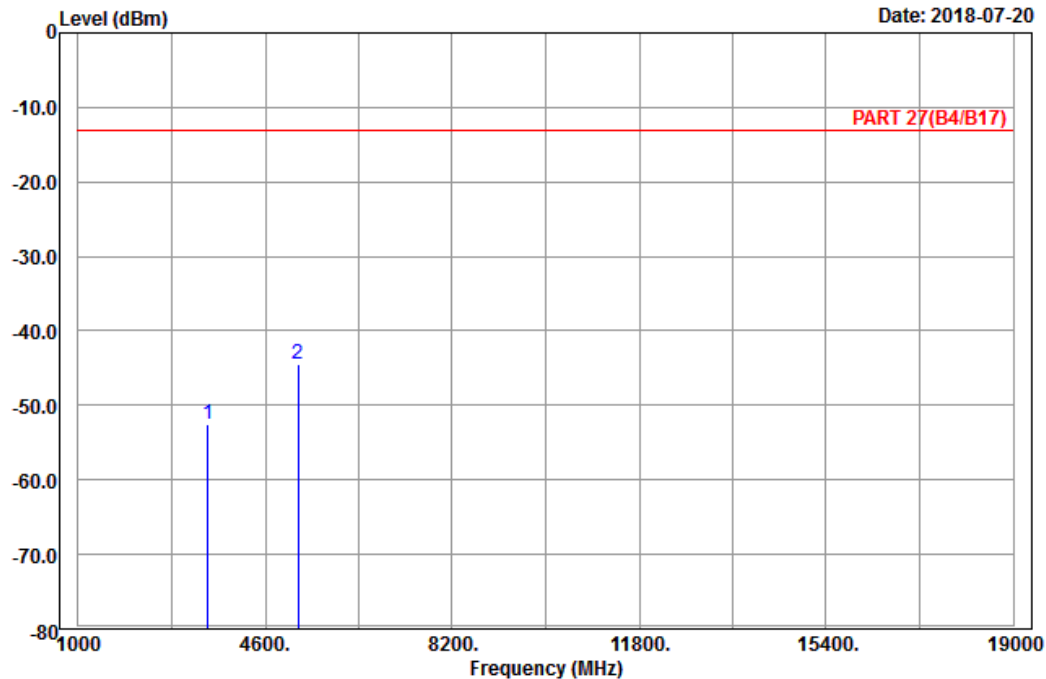


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-07-20



Site : 966 chamber 1  
Condition: PART 27(B4/B17) Vertical  
Remark : LTE\_Band 4\_Link\_CH20300  
Tested by: Karl Lee

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark |
|------|---------|--------|------------|------------|------------|--------|--------|
|      | MHz     | dBm    | dBm        | dBm        | dB         | dB     |        |
| 1    | 3490.00 | -52.47 | -66.78     | -13.00     | -39.47     | 14.31  | Peak   |
| 2 pp | 5235.00 | -44.37 | -64.53     | -13.00     | -31.37     | 20.16  | Peak   |

LTE Band 13  
Channel Bandwidth: 10 MHz / QPSK  
Middle Channel

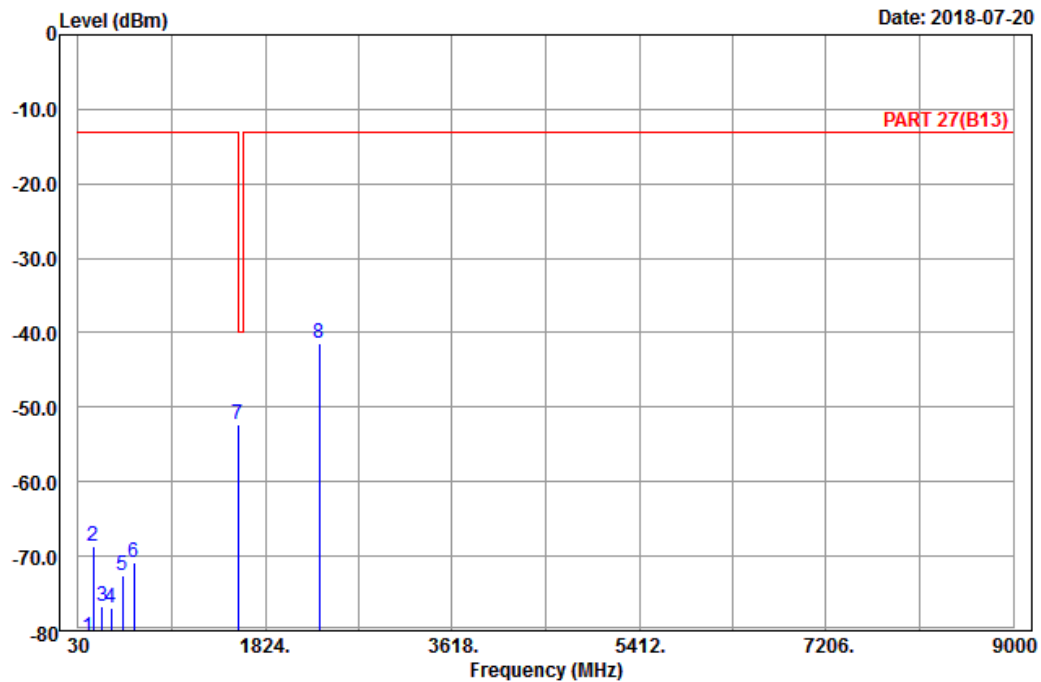


Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 9

Date: 2018-07-20



Site : 966 chamber 1  
Condition: PART 27(B13) Horizontal  
Remark : LTE\_Band 13\_Link\_CH23230  
Tested by: Karl Lee

|      |         |        | Read   | Limit  | Over   |        |        |
|------|---------|--------|--------|--------|--------|--------|--------|
|      | Freq    | Level  | Level  | Line   | Limit  | Factor | Remark |
|      | MHz     | dBm    | dBm    | dBm    | dB     | dB     |        |
| 1    | 123.42  | -80.80 | -72.73 | -13.00 | -67.80 | -8.07  | Peak   |
| 2    | 176.34  | -68.72 | -62.73 | -13.00 | -55.72 | -5.99  | Peak   |
| 3    | 259.23  | -76.67 | -71.08 | -13.00 | -63.67 | -5.59  | Peak   |
| 4    | 345.50  | -77.03 | -71.60 | -13.00 | -64.03 | -5.43  | Peak   |
| 5    | 454.00  | -72.58 | -68.62 | -13.00 | -59.58 | -3.96  | Peak   |
| 6    | 566.00  | -70.84 | -69.86 | -13.00 | -57.84 | -0.98  | Peak   |
| 7 pp | 1564.00 | -52.42 | -59.28 | -40.00 | -12.42 | 6.86   | Peak   |
| 8    | 2346.00 | -41.37 | -52.31 | -13.00 | -28.37 | 10.94  | Peak   |

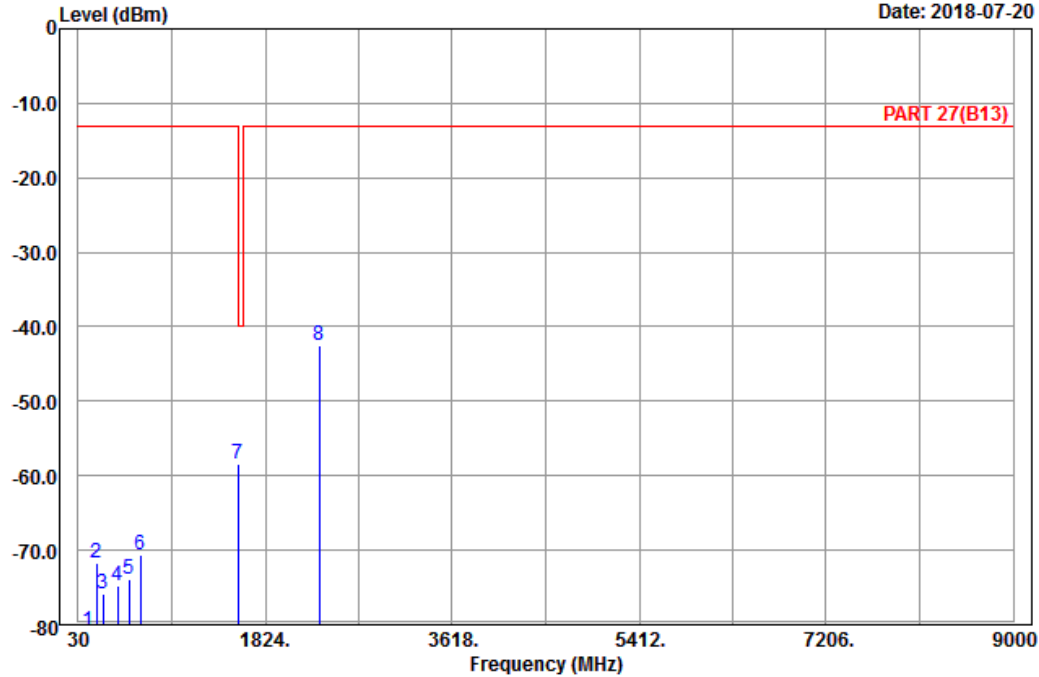


# Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch

A D T

Data: 10

Date: 2018-07-20



Site : 966 chamber 1  
Condition: PART 27(B13) Vertical  
Remark : LTE\_Band 13\_Link\_CH23230  
Tested by: Karl Lee

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark |
|------|---------|--------|------------|------------|------------|--------|--------|
|      | MHz     | dBm    | dBm        | dBm        | dB         | dB     |        |
| 1    | 125.04  | -80.81 | -72.86     | -13.00     | -67.81     | -7.95  | Peak   |
| 2    | 202.53  | -71.65 | -65.51     | -13.00     | -58.65     | -6.14  | Peak   |
| 3    | 268.41  | -75.82 | -70.14     | -13.00     | -62.82     | -5.68  | Peak   |
| 4    | 412.00  | -74.68 | -71.66     | -13.00     | -61.68     | -3.02  | Peak   |
| 5    | 518.40  | -73.94 | -70.01     | -13.00     | -60.94     | -3.93  | Peak   |
| 6    | 626.20  | -70.58 | -70.71     | -13.00     | -57.58     | 0.13   | Peak   |
| 7 pp | 1564.00 | -58.46 | -65.32     | -40.00     | -18.46     | 6.86   | Peak   |
| 8    | 2346.00 | -42.61 | -53.55     | -13.00     | -29.61     | 10.94  | Peak   |

## 5 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo).

## Appendix – Information on the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

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The address and road map of all our labs can be found in our web site also.

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