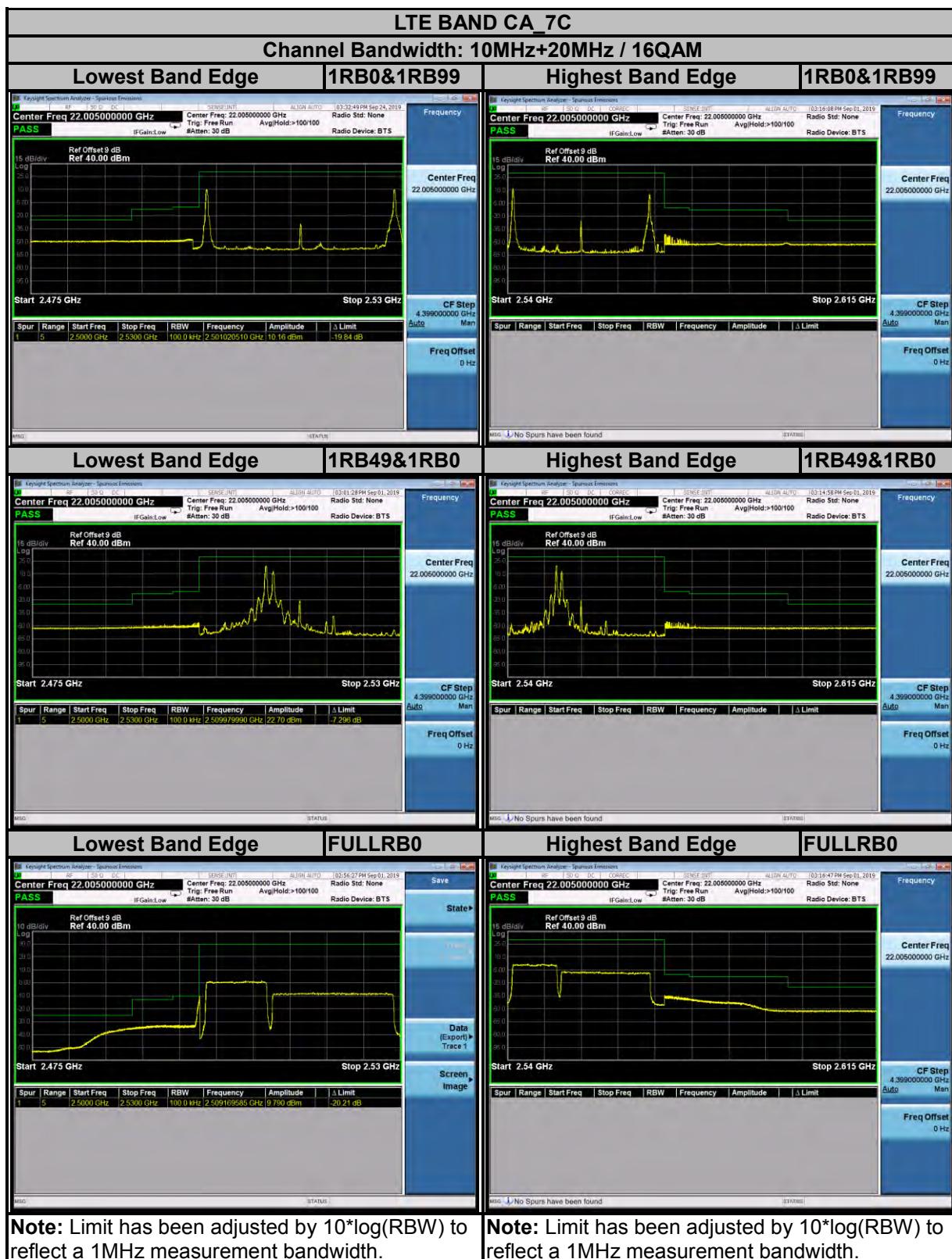




BUREAU  
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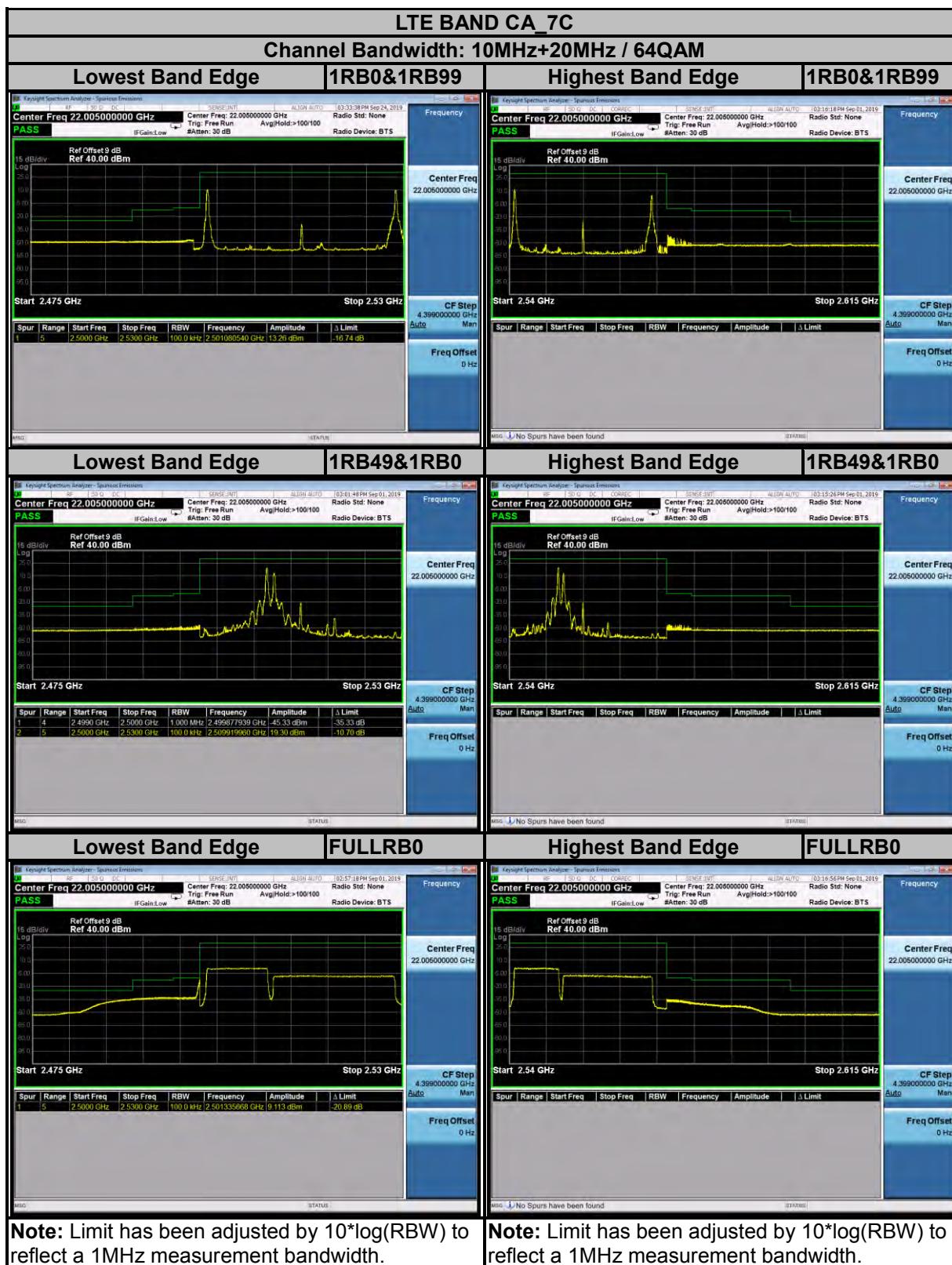
Test Report No.: RF190823W003-7





BUREAU  
VERITAS

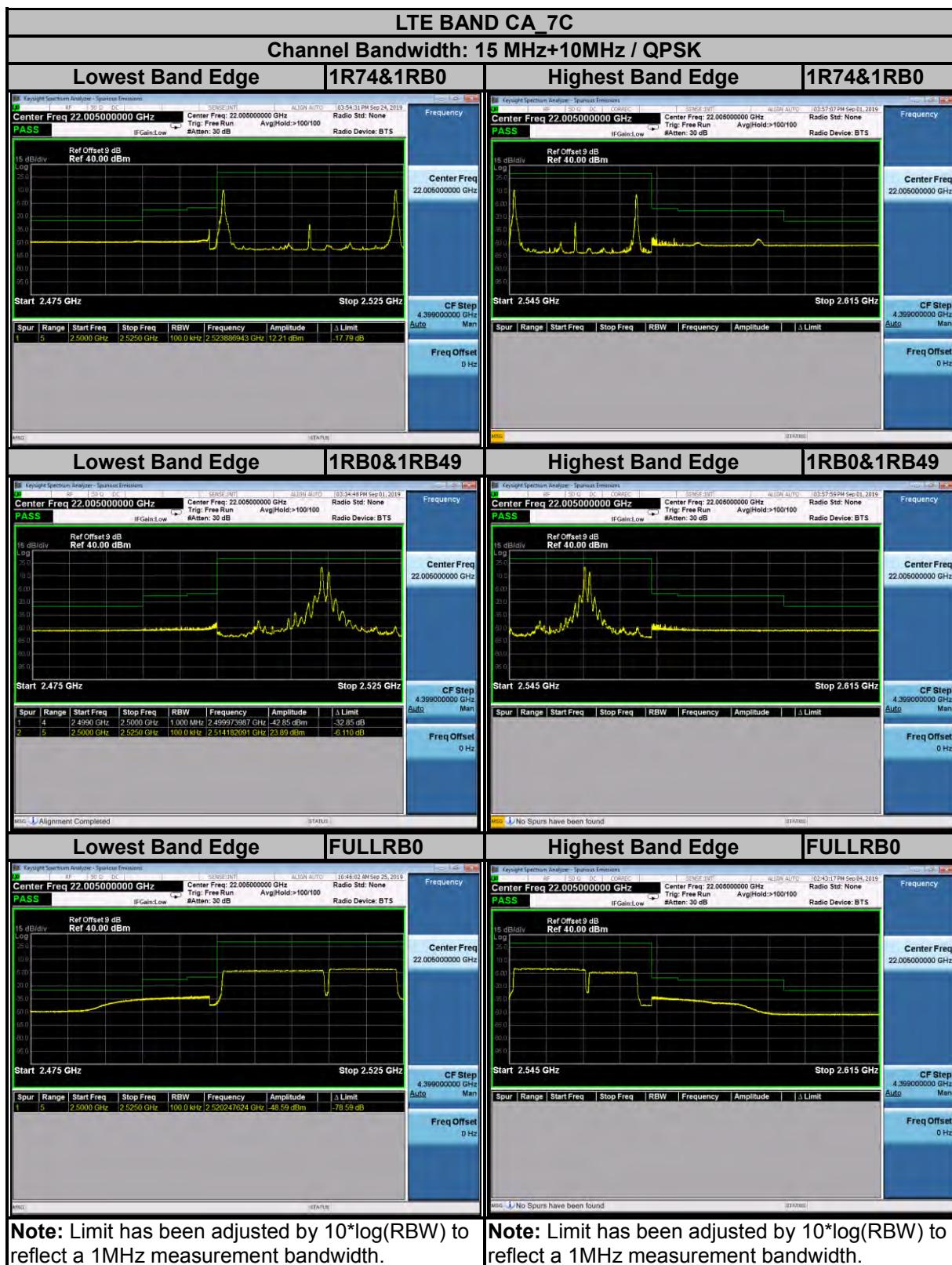
Test Report No.: RF190823W003-7





BUREAU  
VERITAS

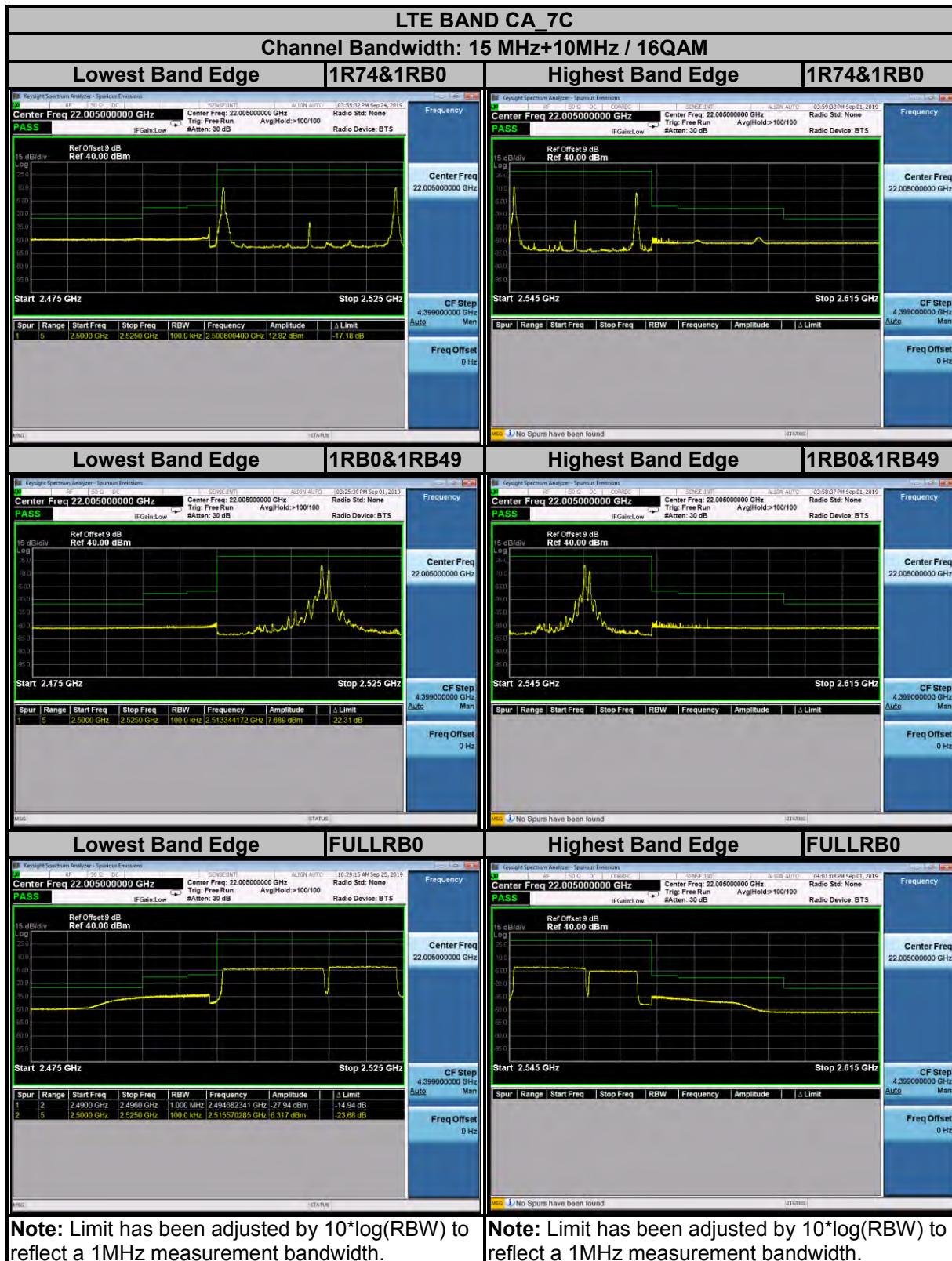
Test Report No.: RF190823W003-7





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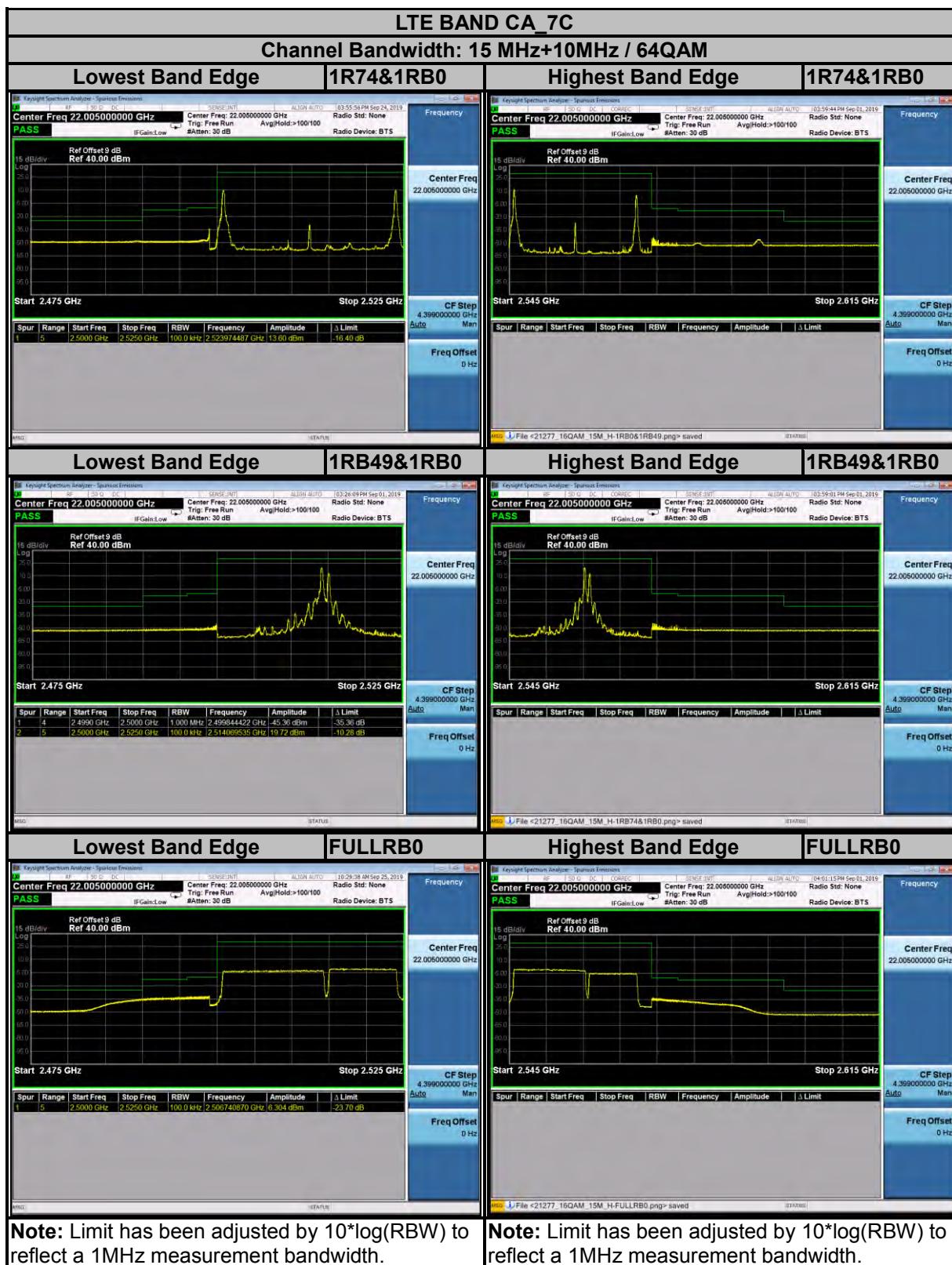
Test Report No.: RF190823W003-7





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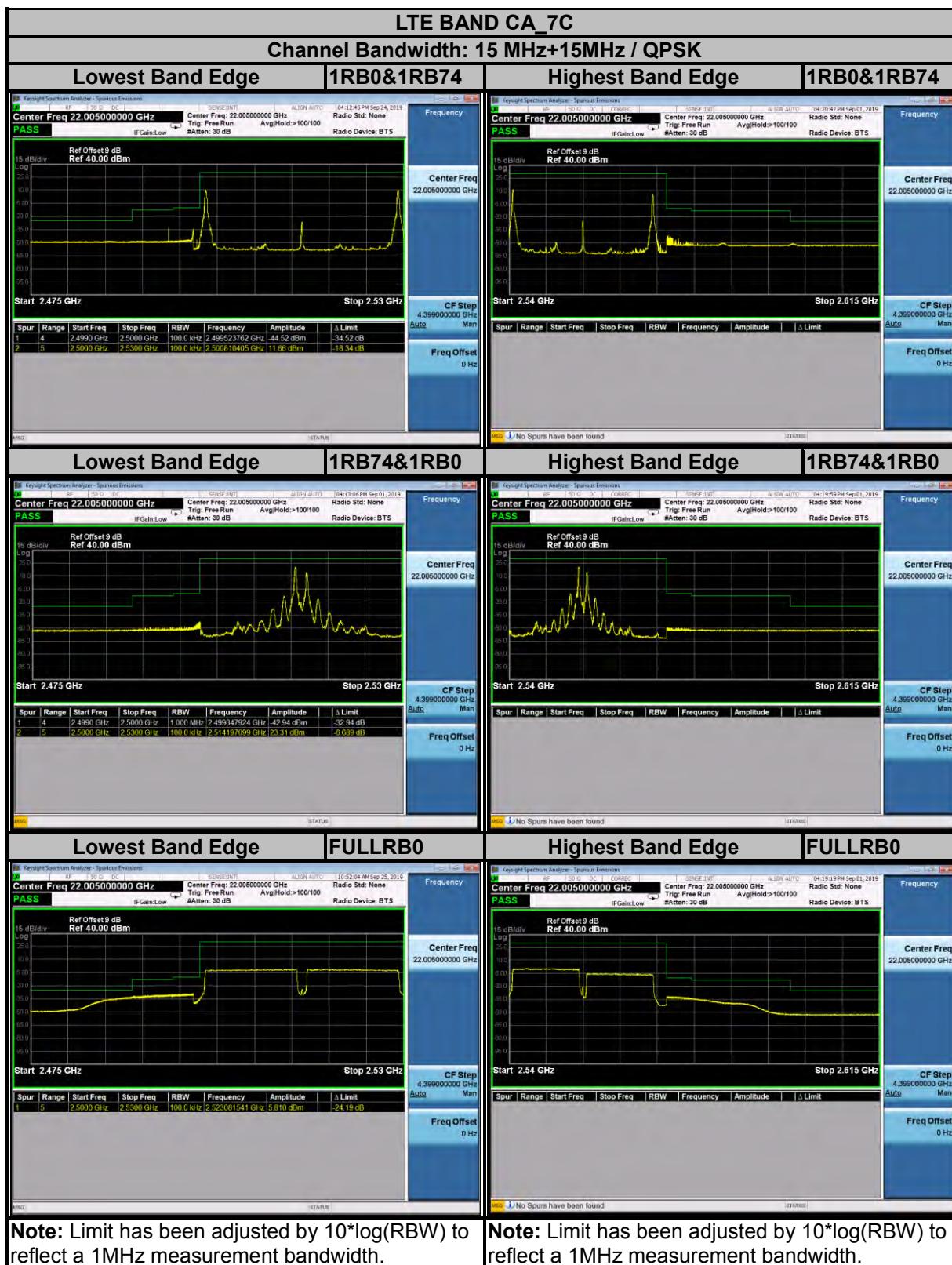
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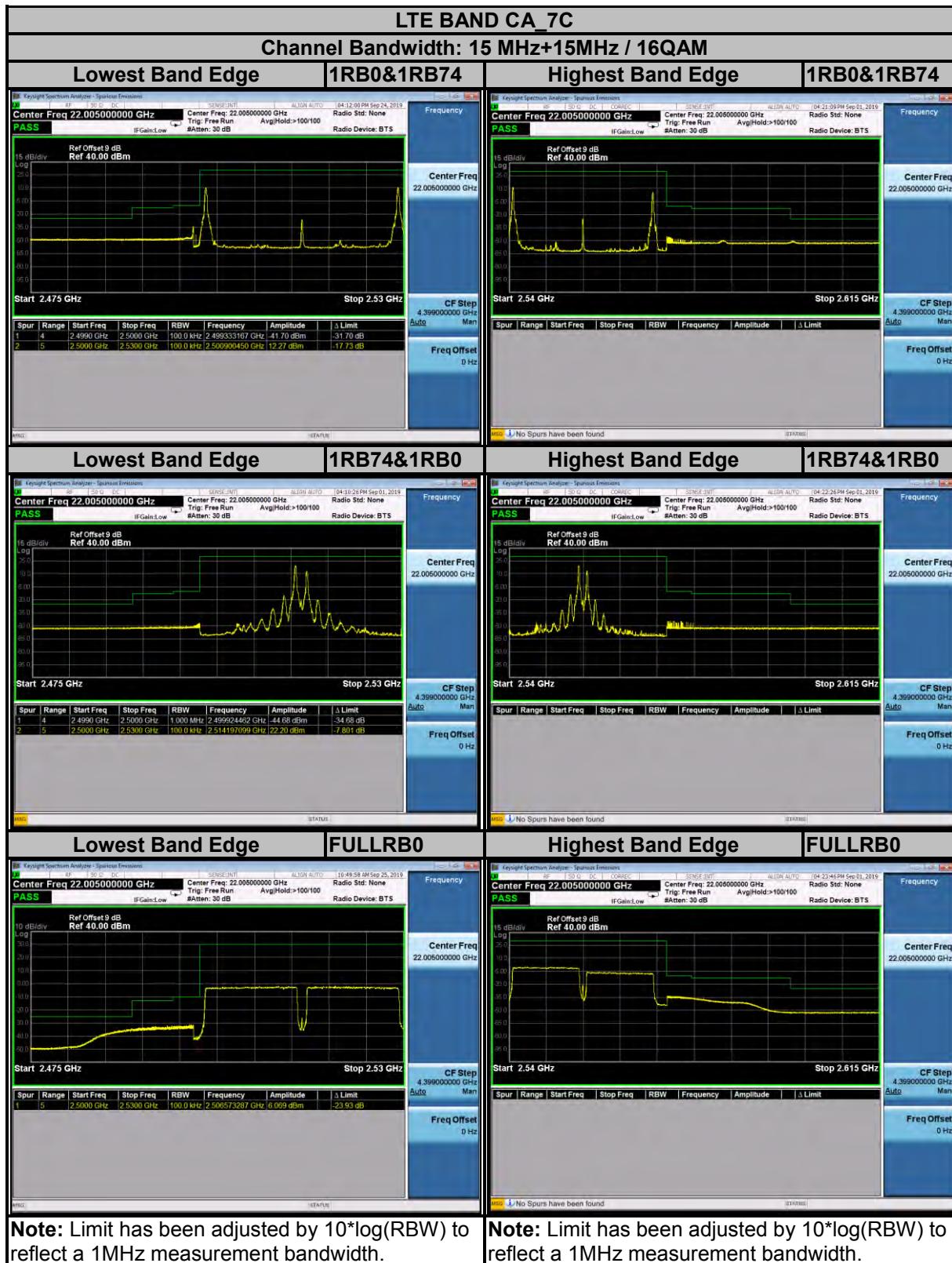
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BUREAU  
VERITAS

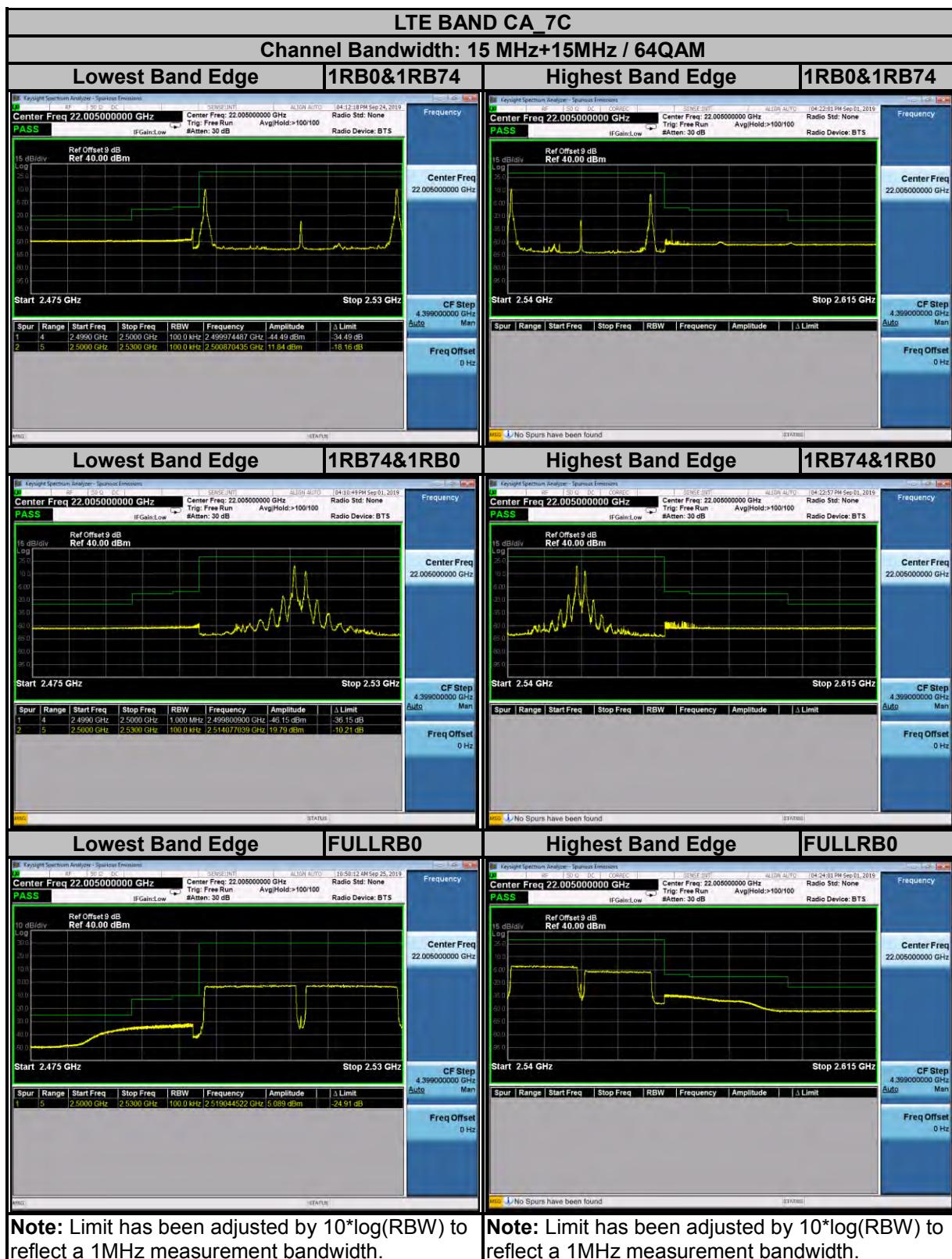
Test Report No.: RF190823W003-7





BUREAU  
VERITAS

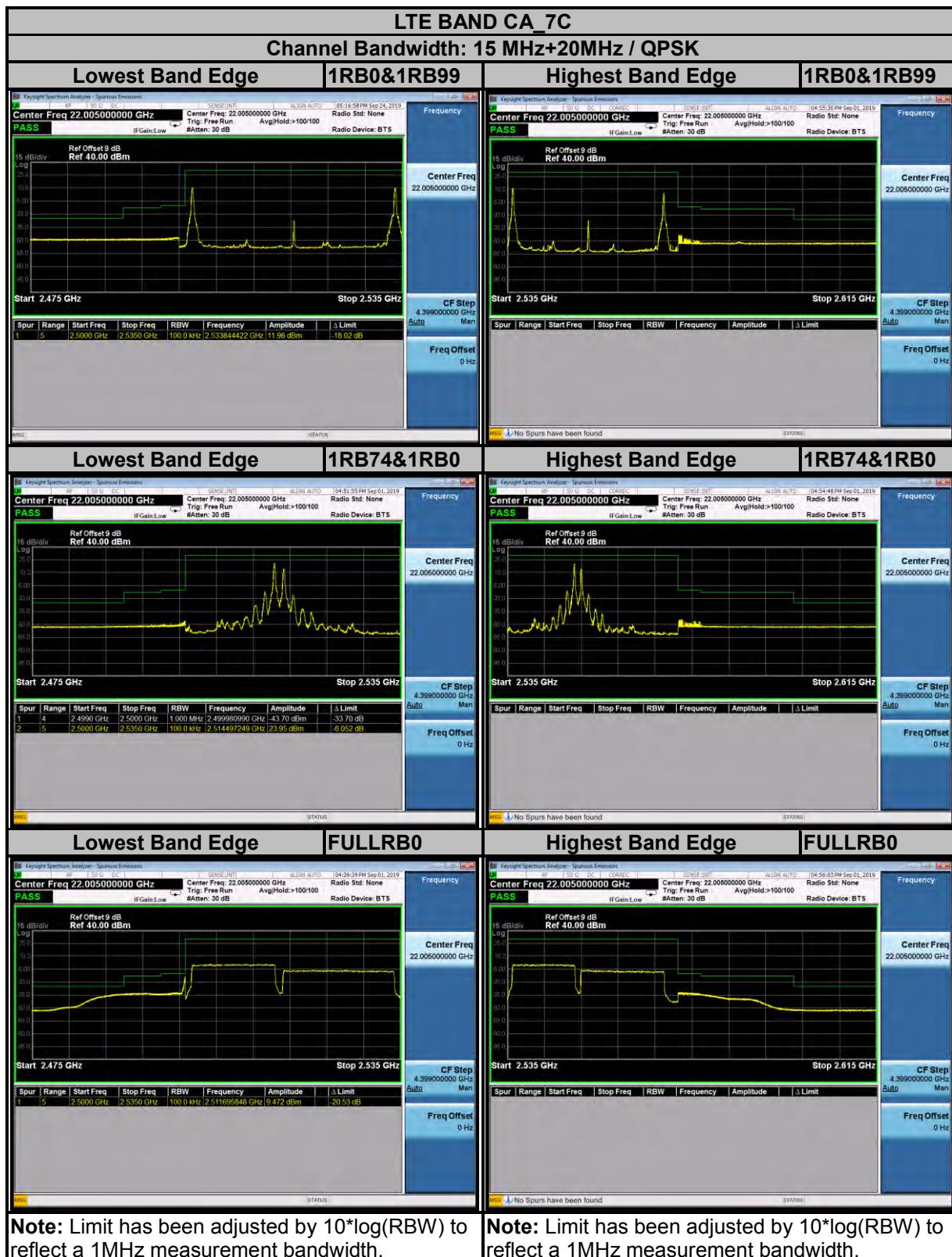
Test Report No.: RF190823W003-7





BUREAU  
VERITAS

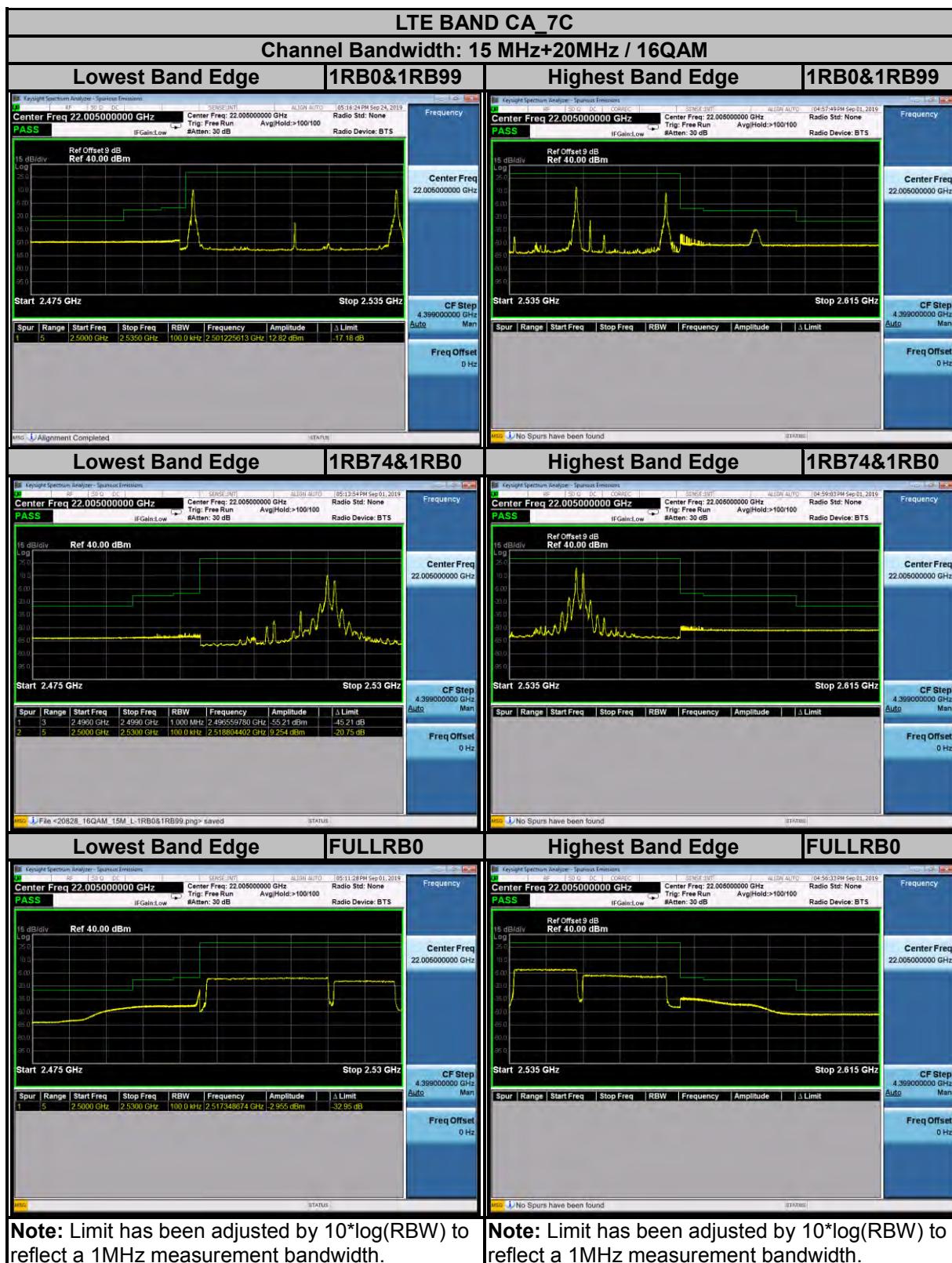
Test Report No.: RF190823W003-7





BUREAU  
VERITAS

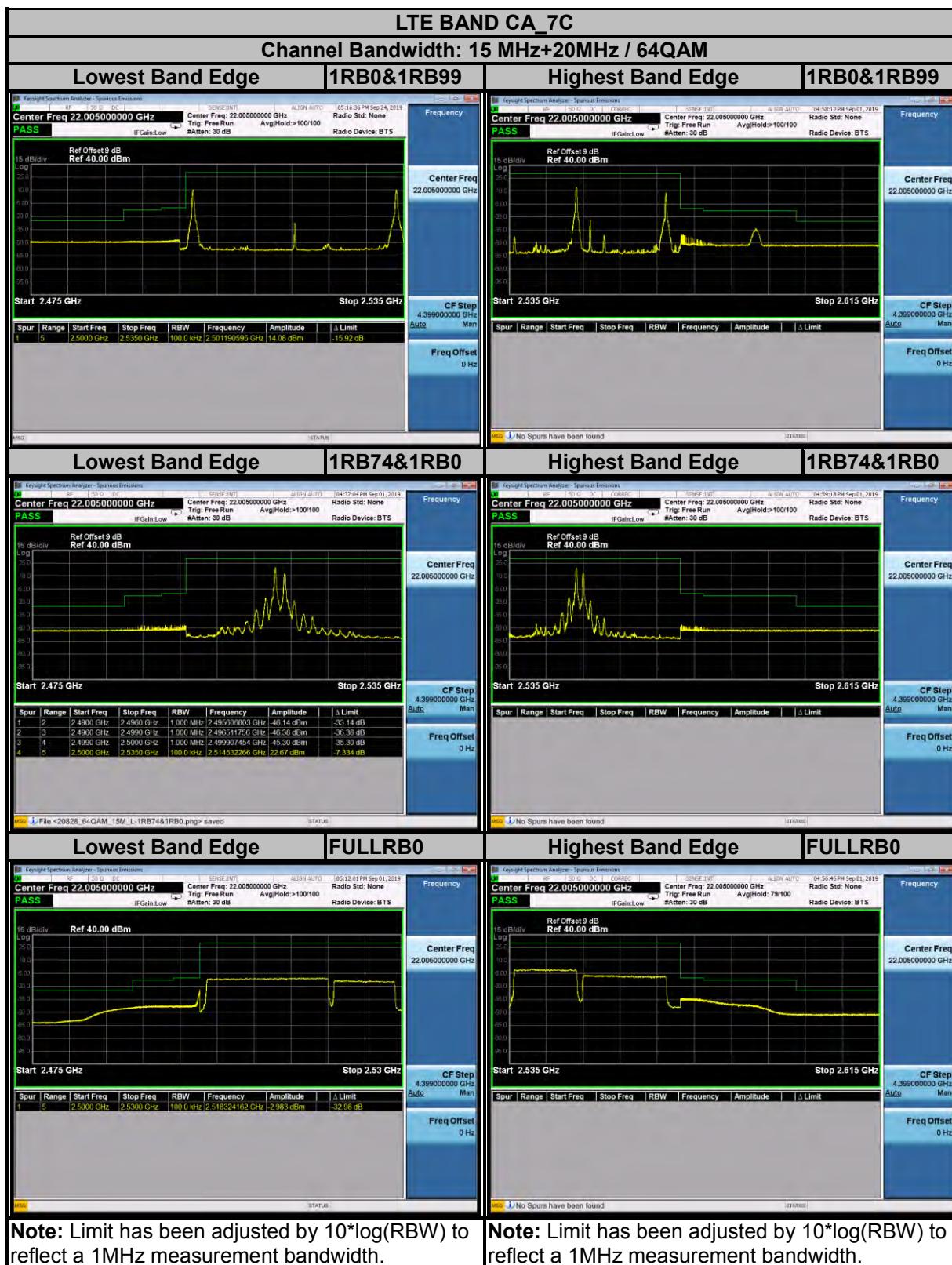
Test Report No.: RF190823W003-7





BUREAU  
VERITAS

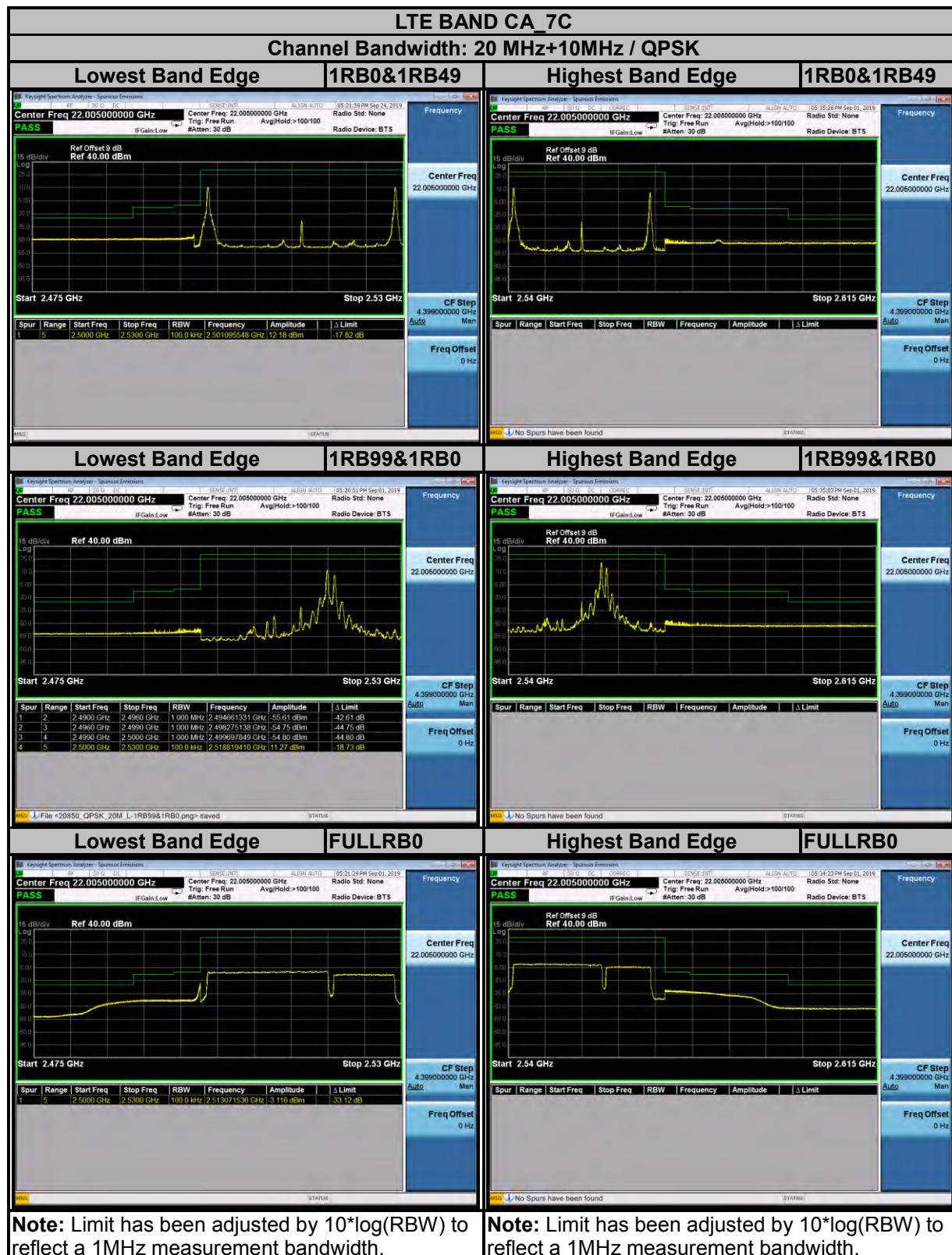
Test Report No.: RF190823W003-7





BUREAU  
VERITAS

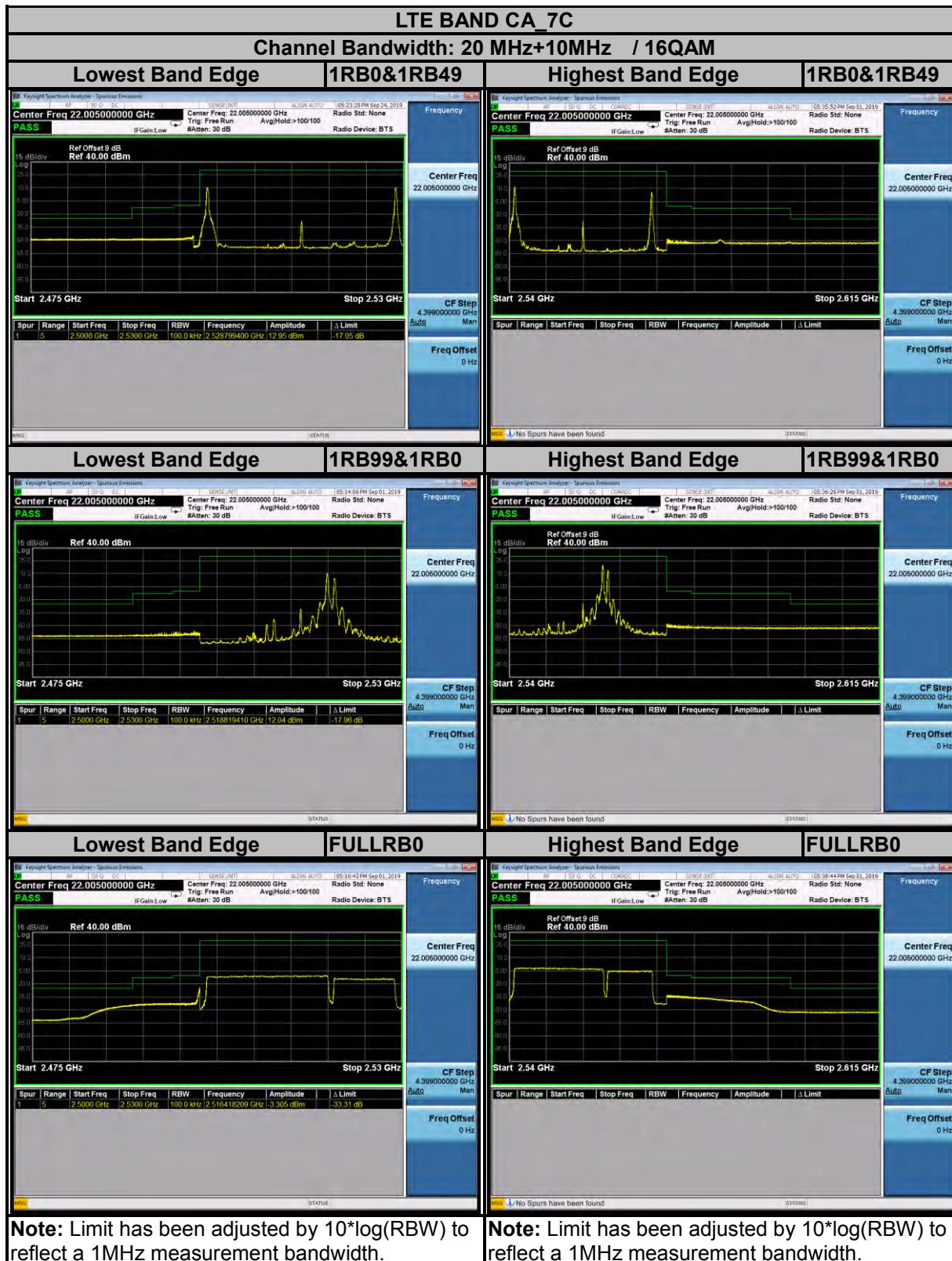
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BUREAU  
VERITAS

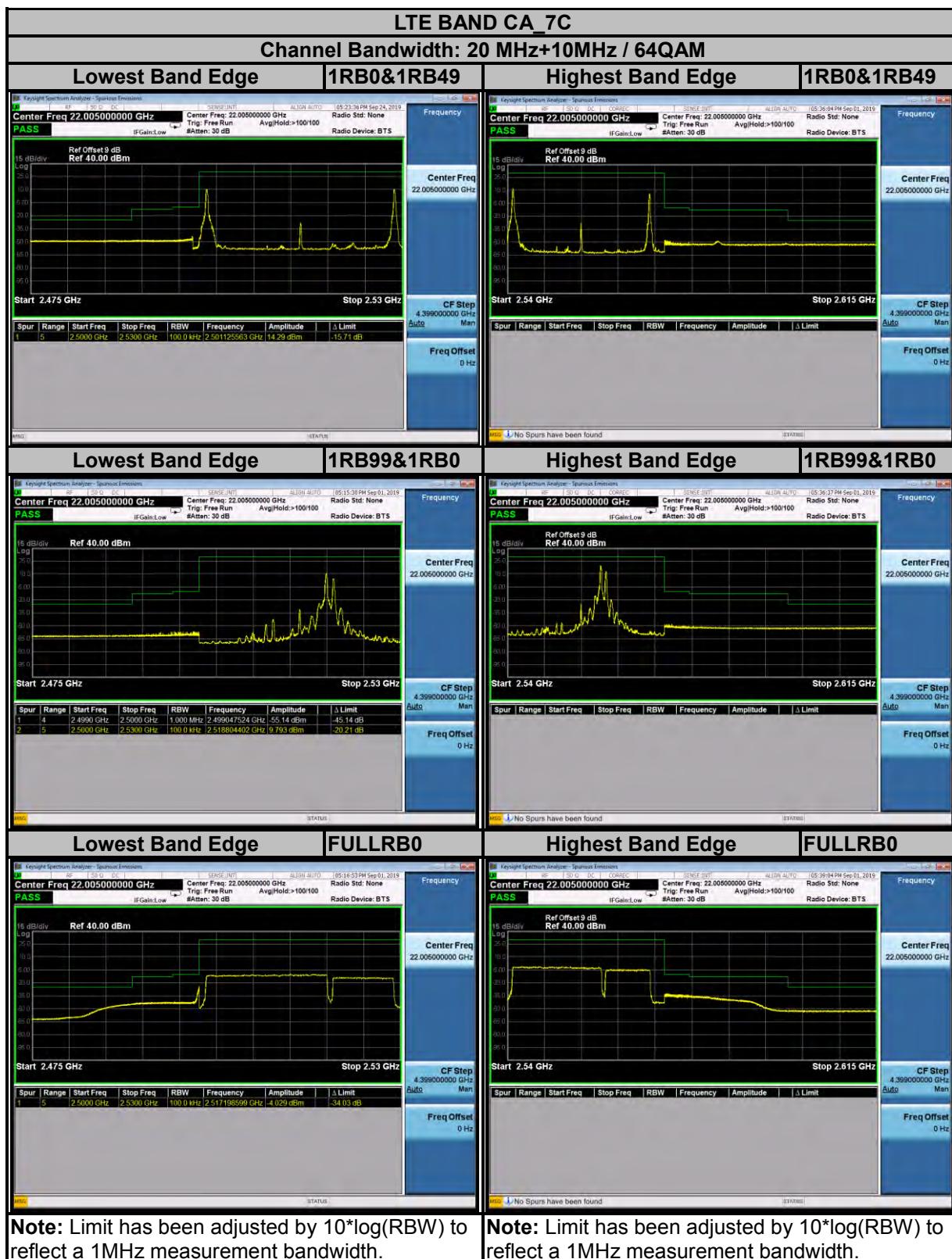
Test Report No.: RF190823W003-7





BUREAU  
VERITAS

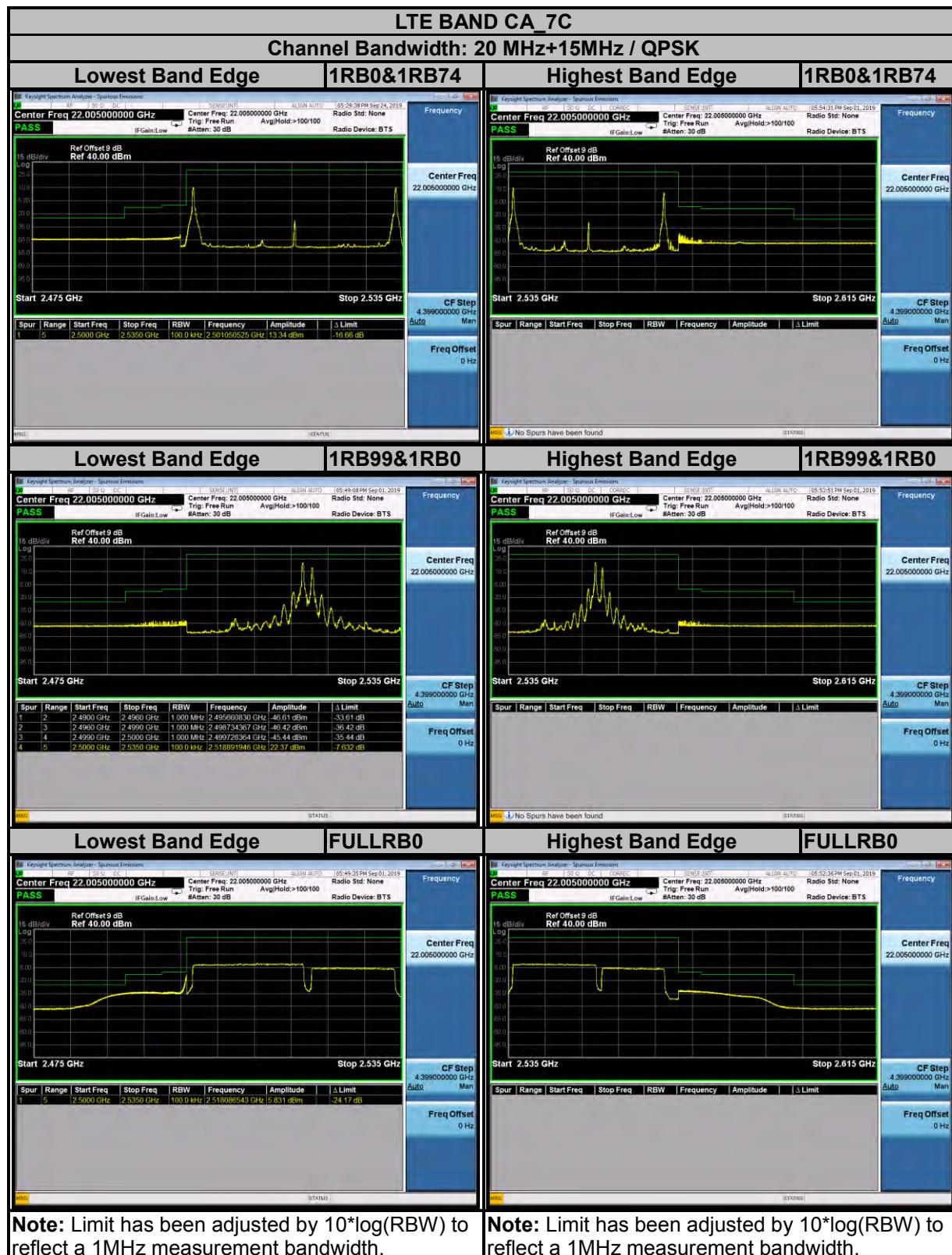
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VERITAS

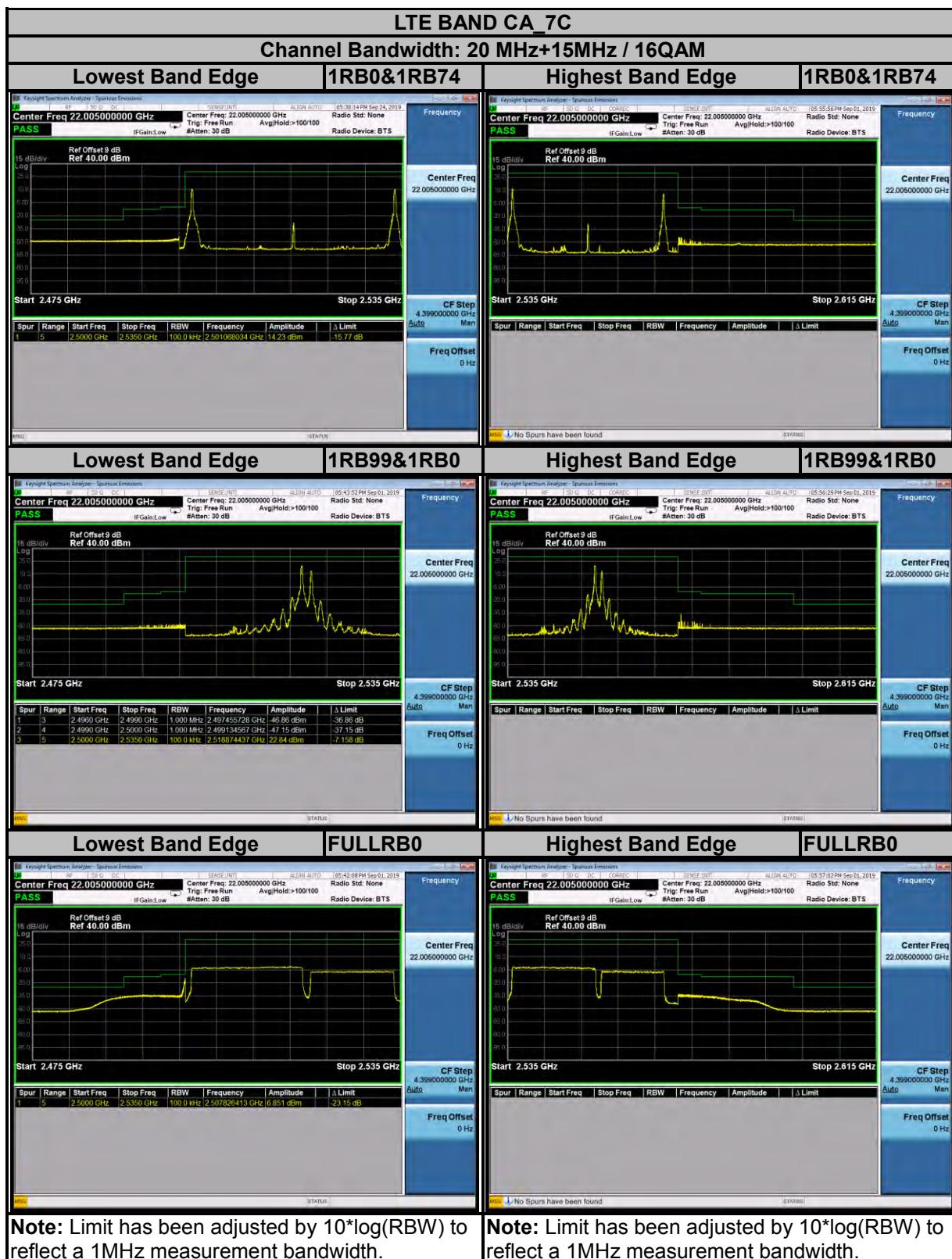
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BUREAU  
VERITAS

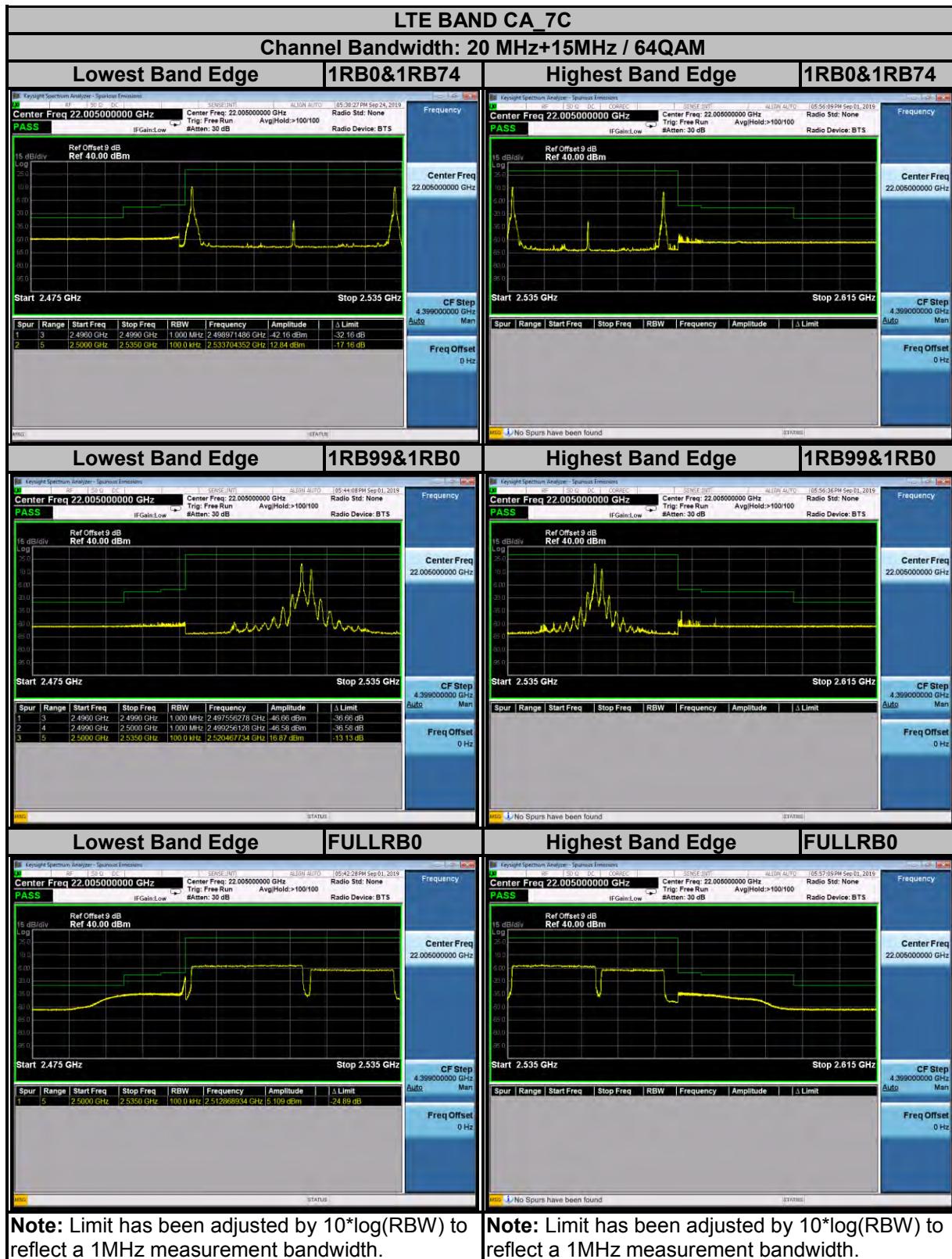
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BUREAU  
VERITAS

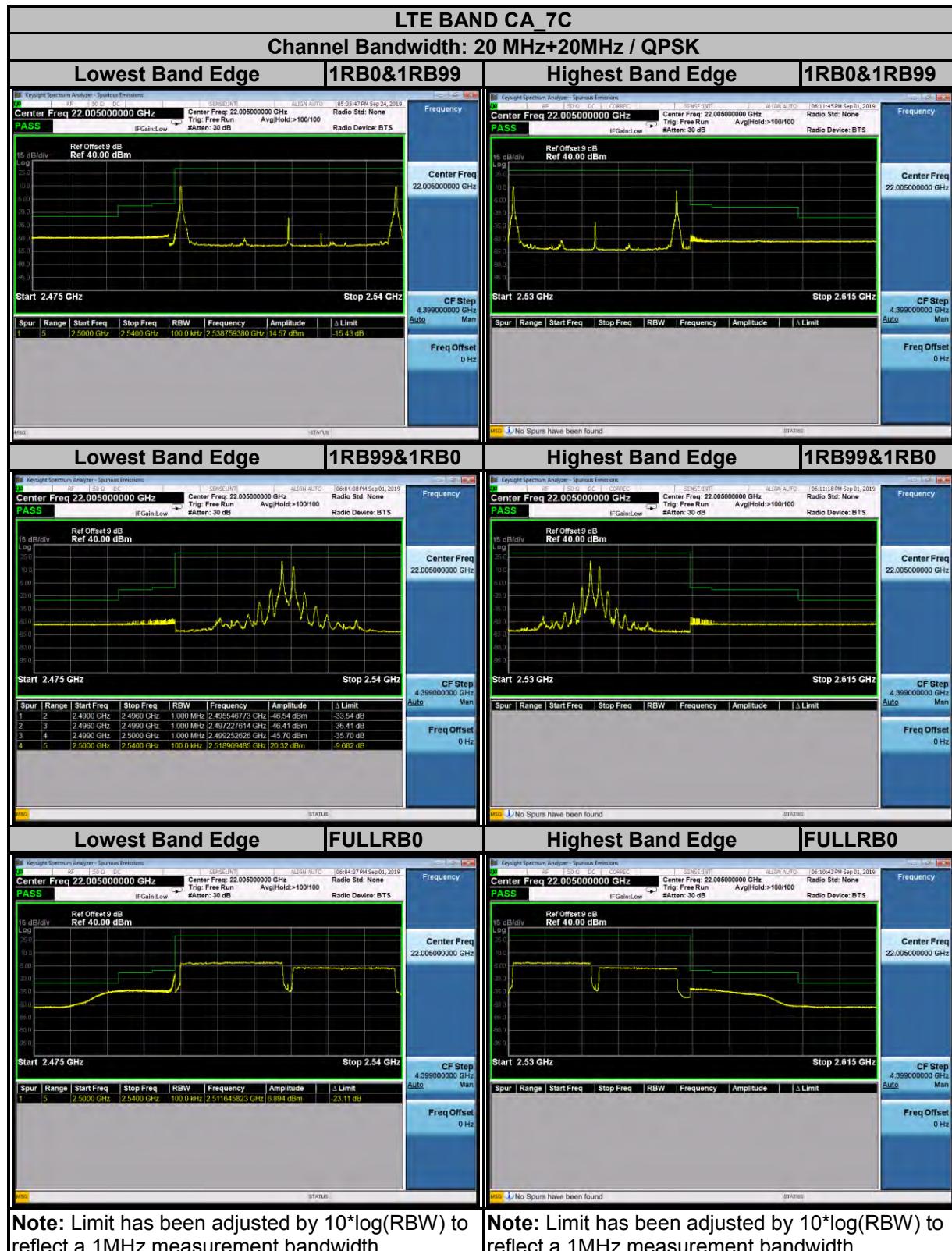
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BUREAU  
VERITAS

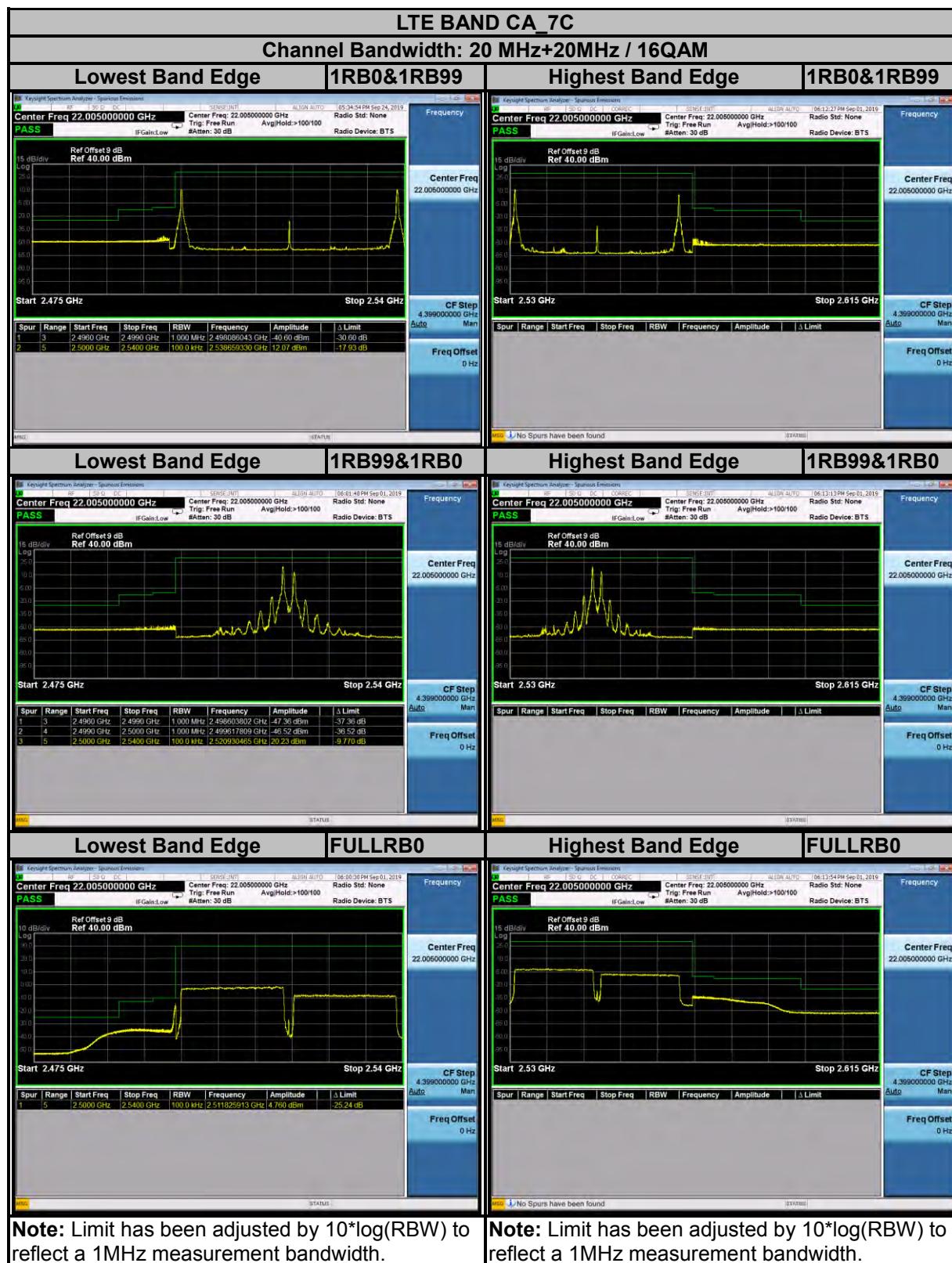
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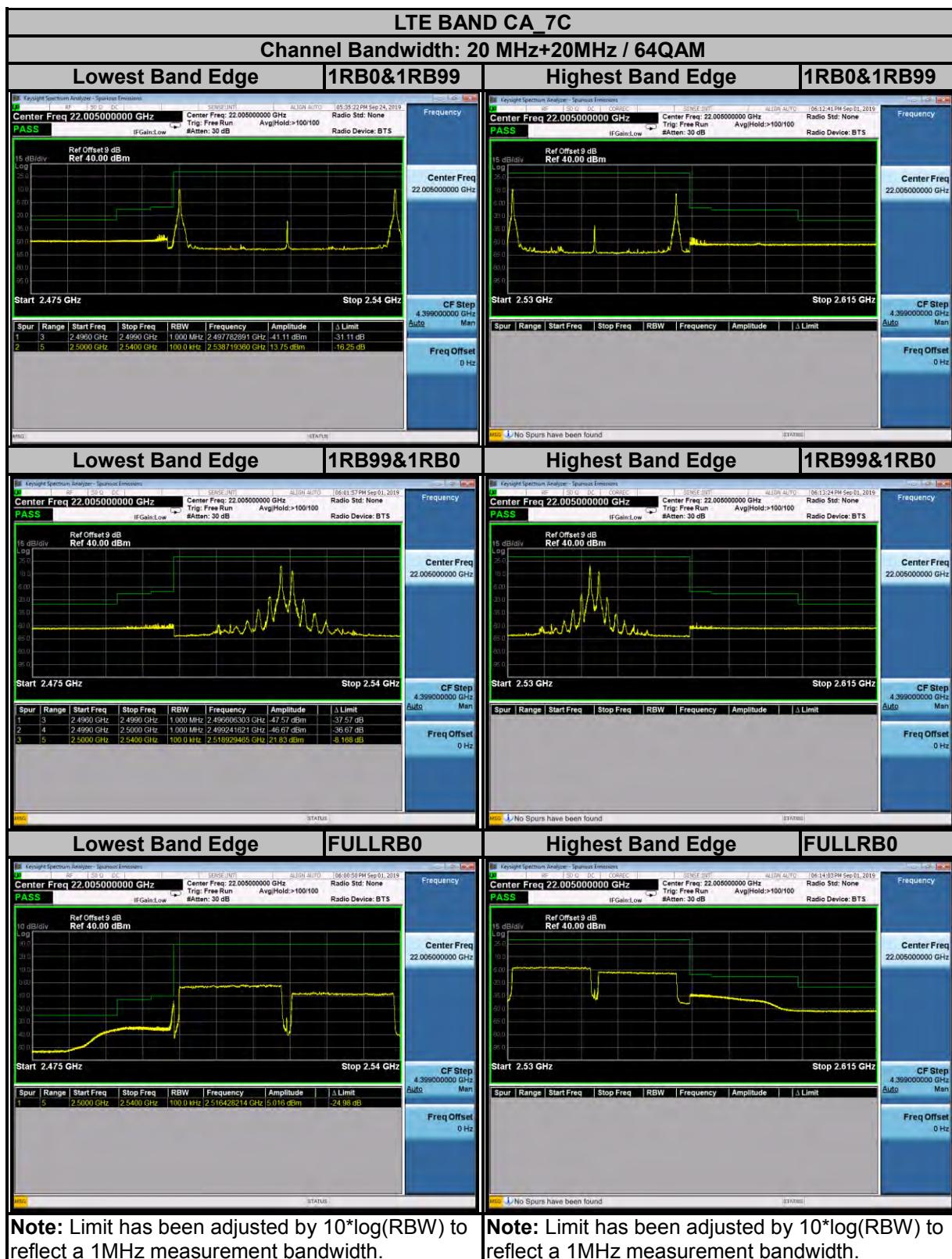
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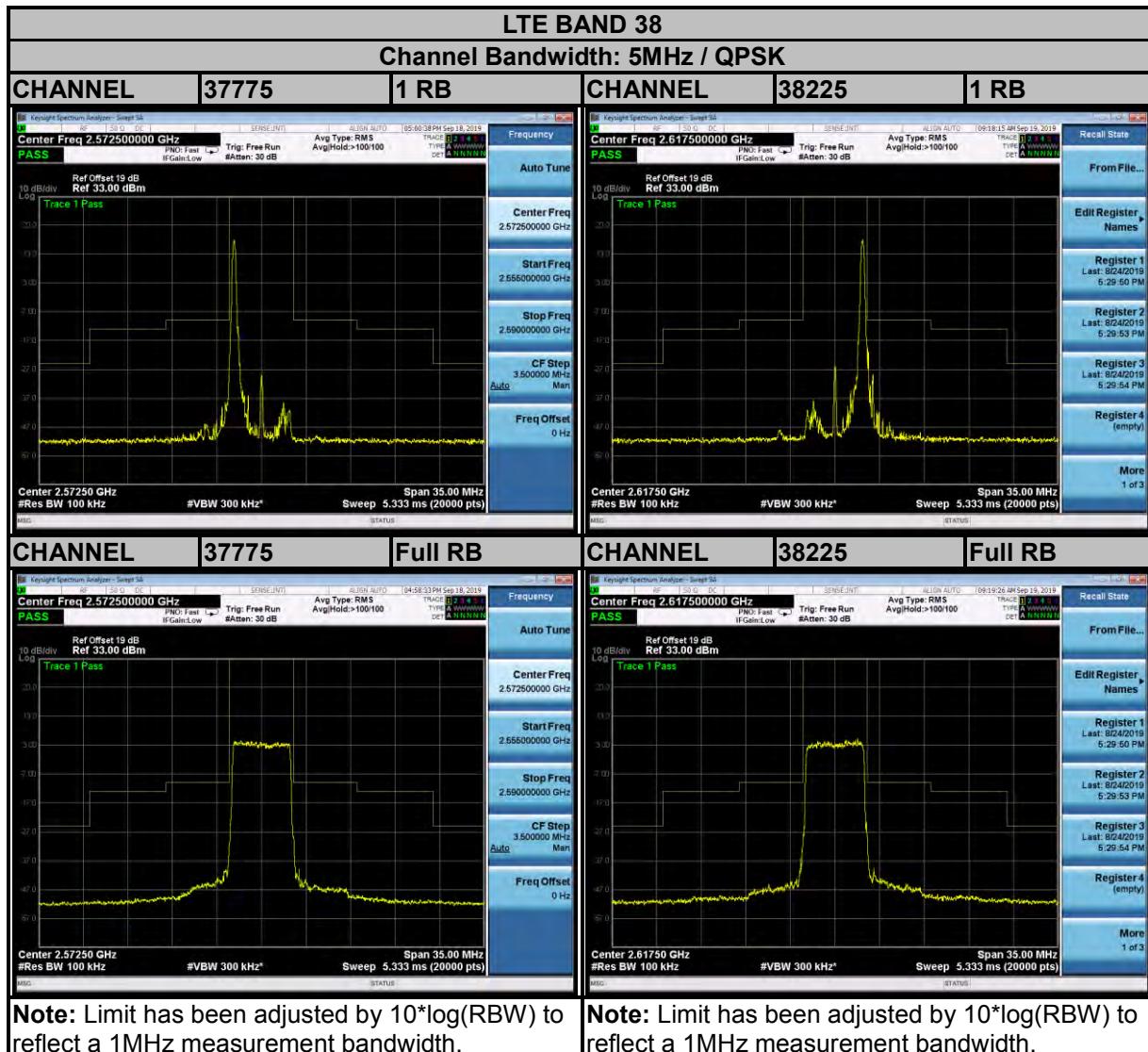
Test Report No.: RF190823W003-7





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VERITAS

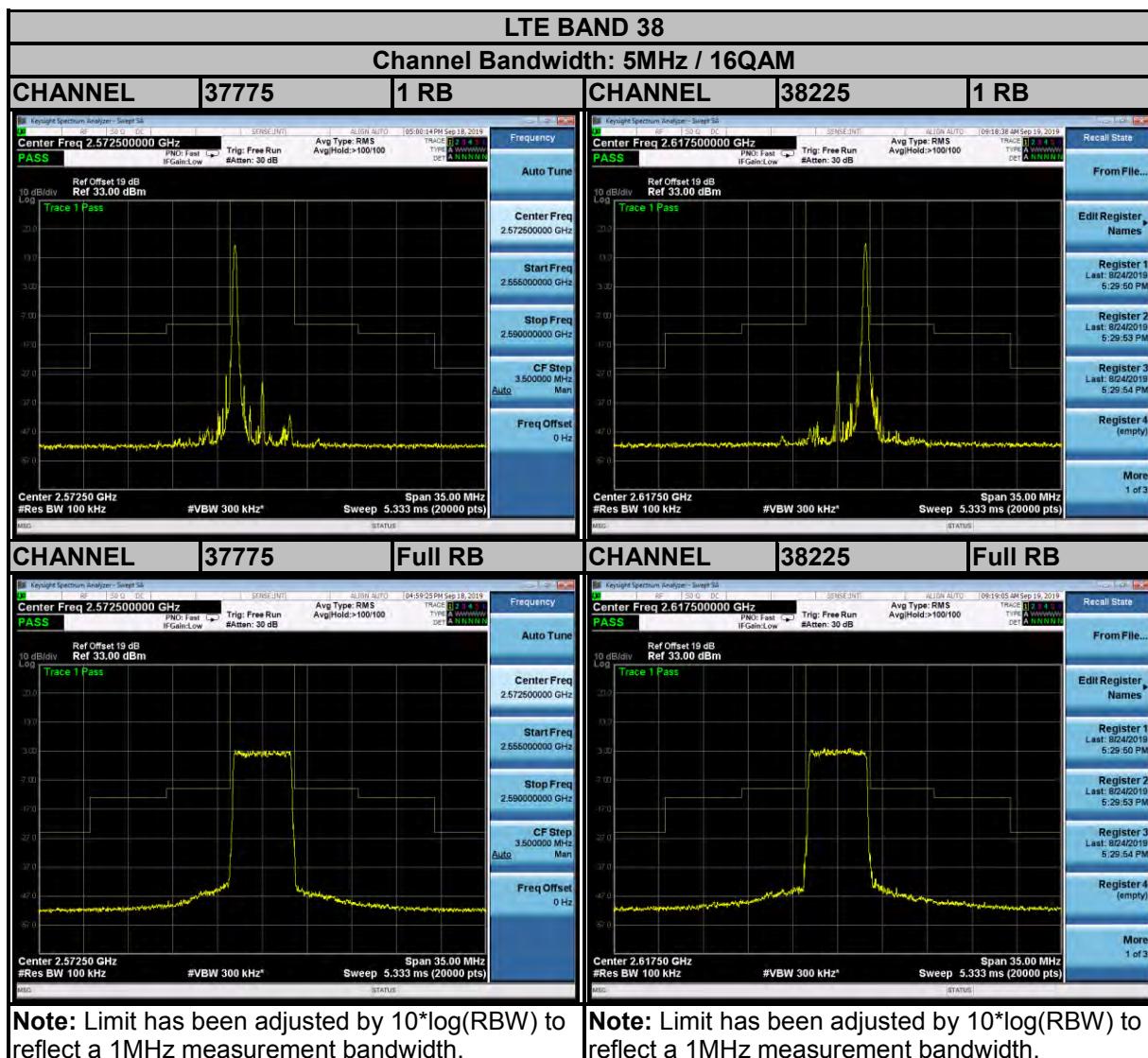
Test Report No.: RF190823W003-7





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VERITAS

Test Report No.: RF190823W003-7



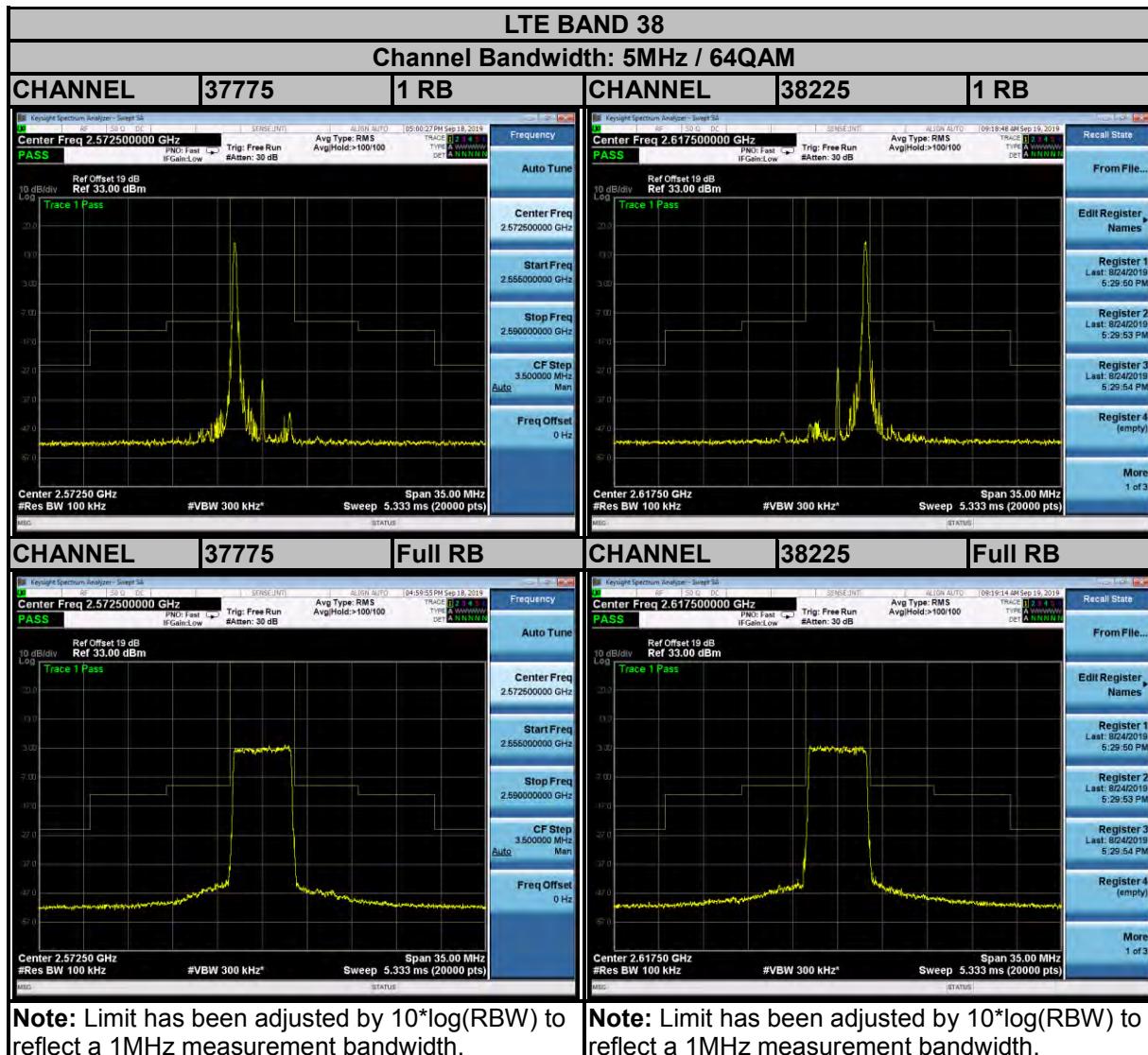
**Note:** Limit has been adjusted by  $10^{\log(\text{RBW})}$  to reflect a 1MHz measurement bandwidth.

**Note:** Limit has been adjusted by  $10^{\log(\text{RBW})}$  to reflect a 1MHz measurement bandwidth.



BUREAU  
VERITAS

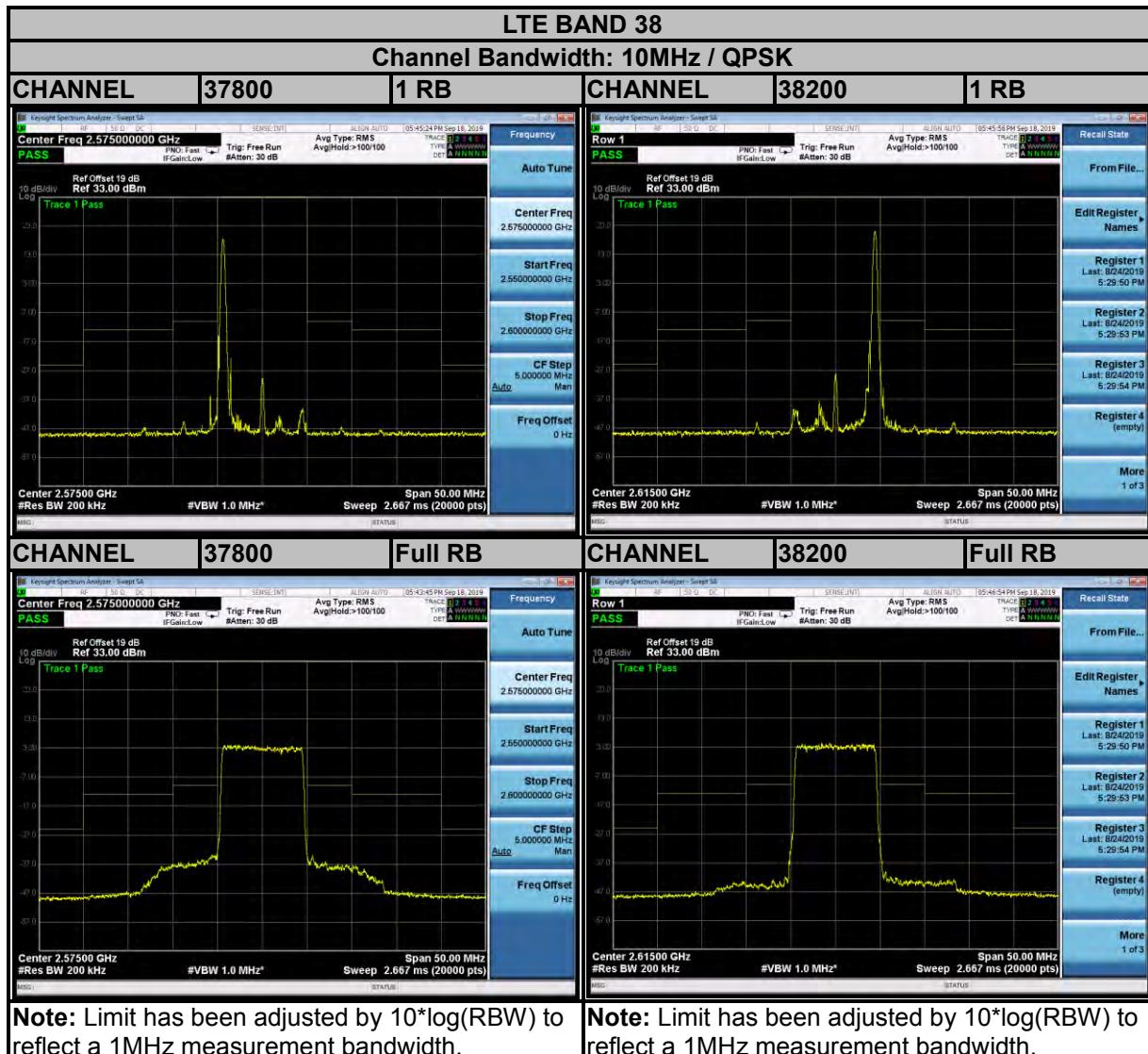
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BUREAU  
VERITAS

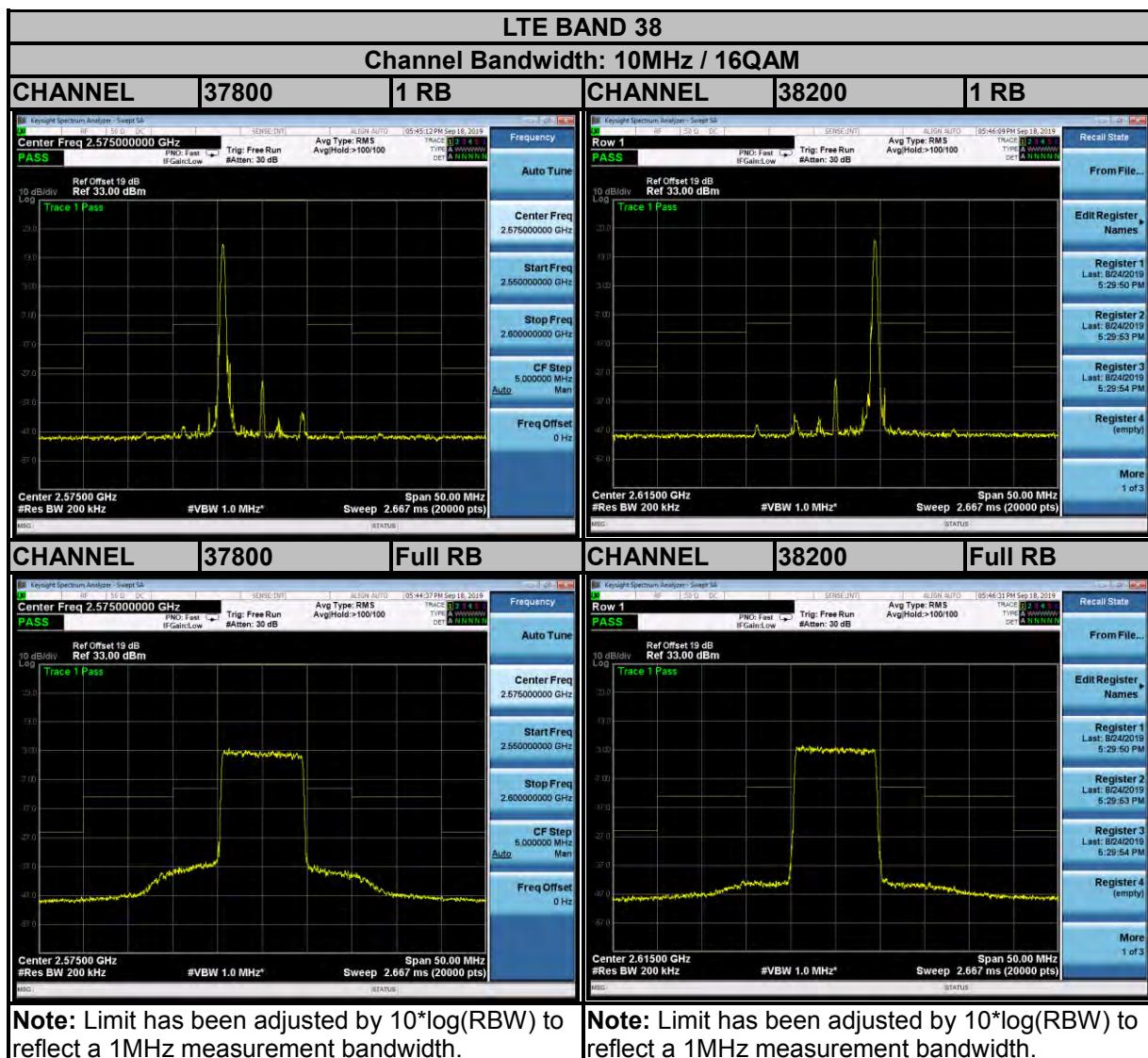
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VERITAS

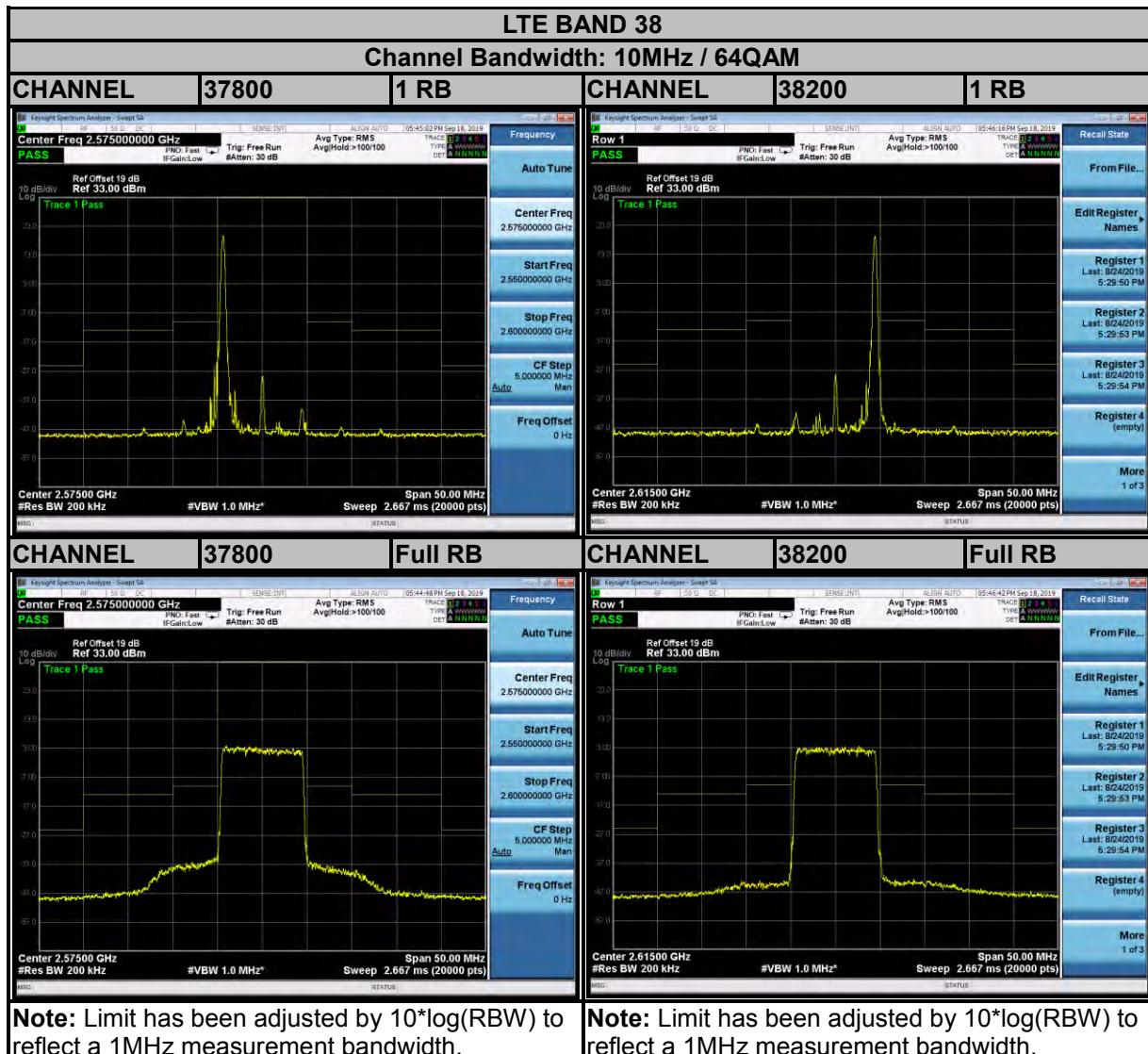
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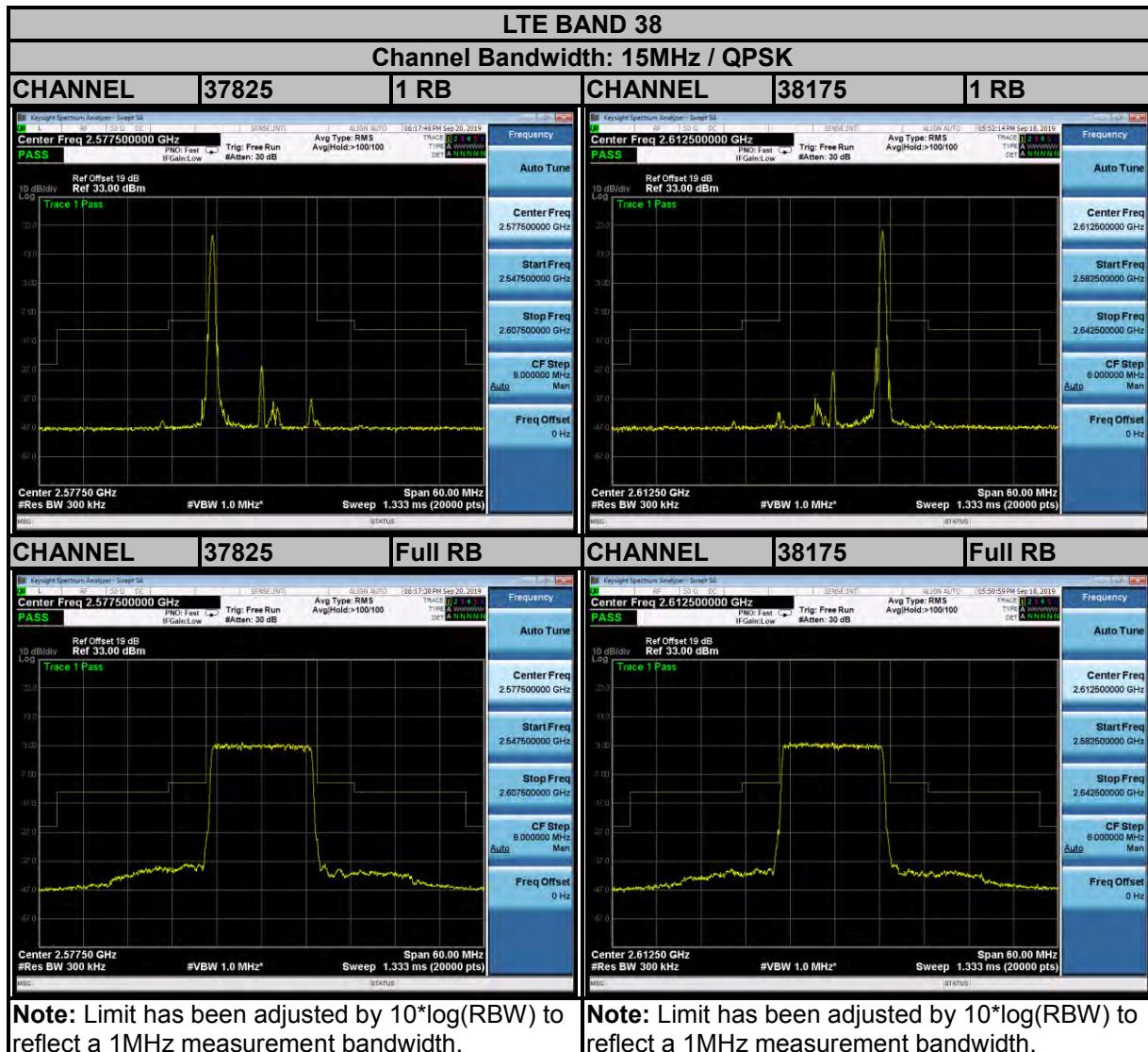
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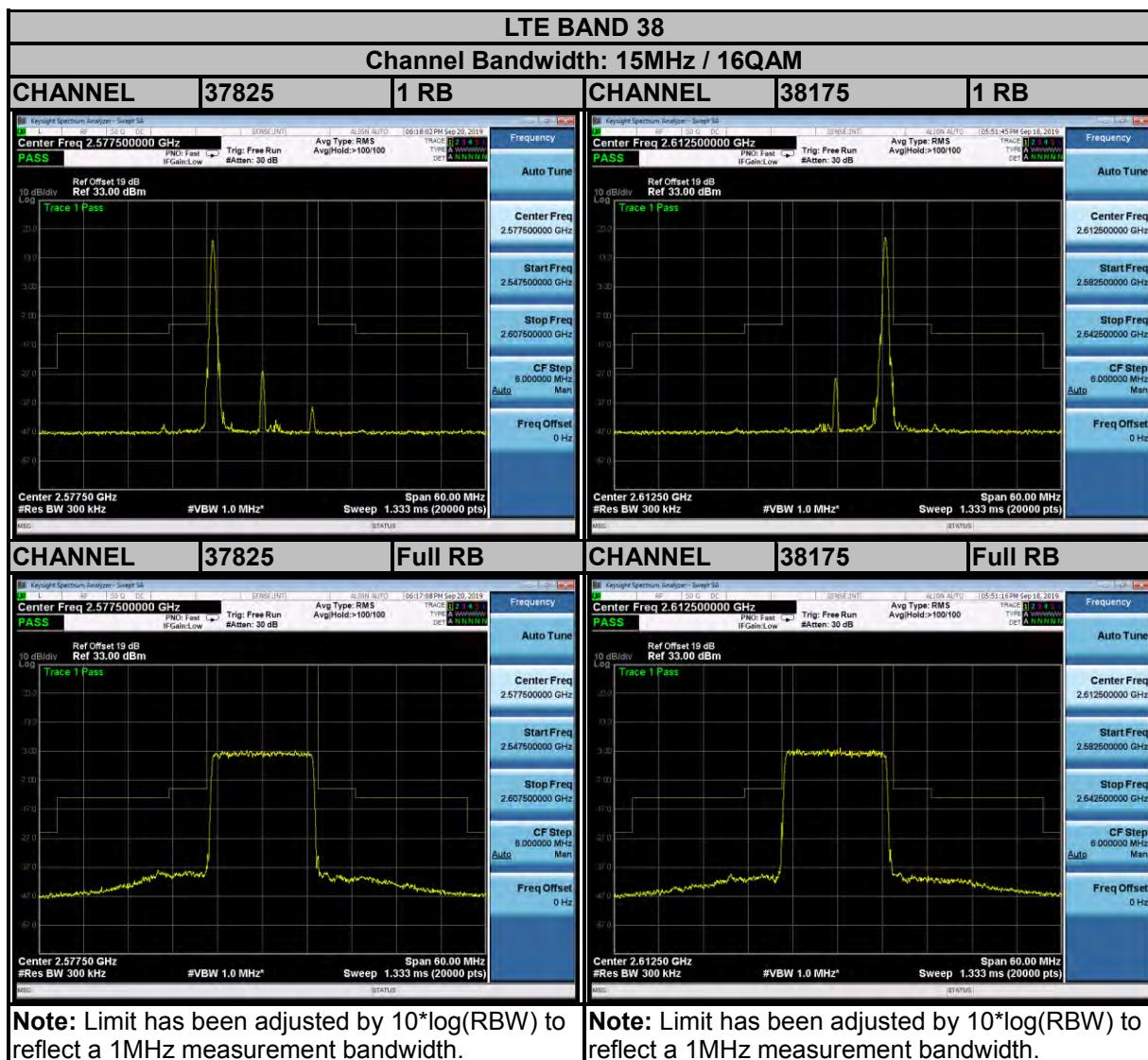
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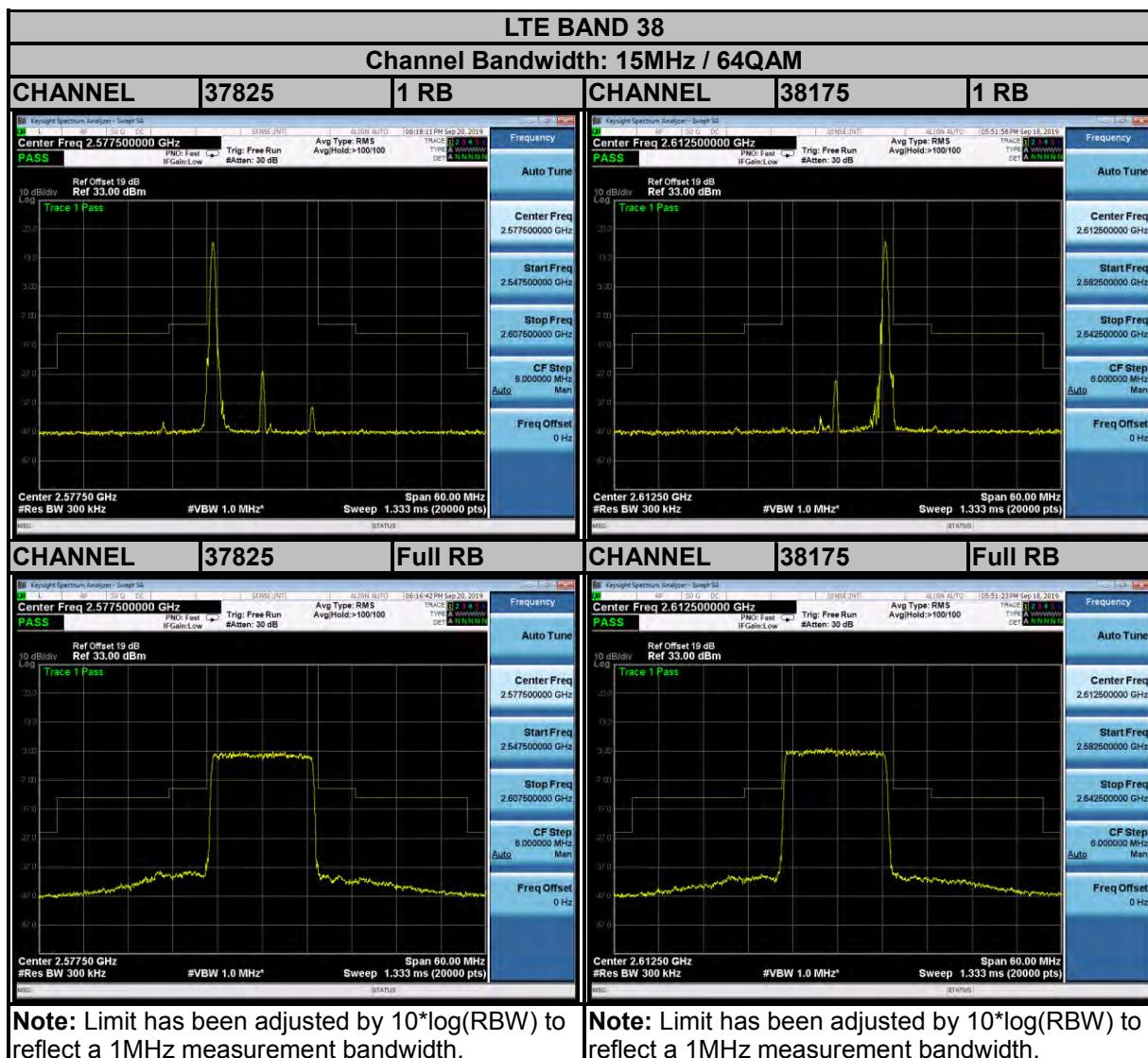
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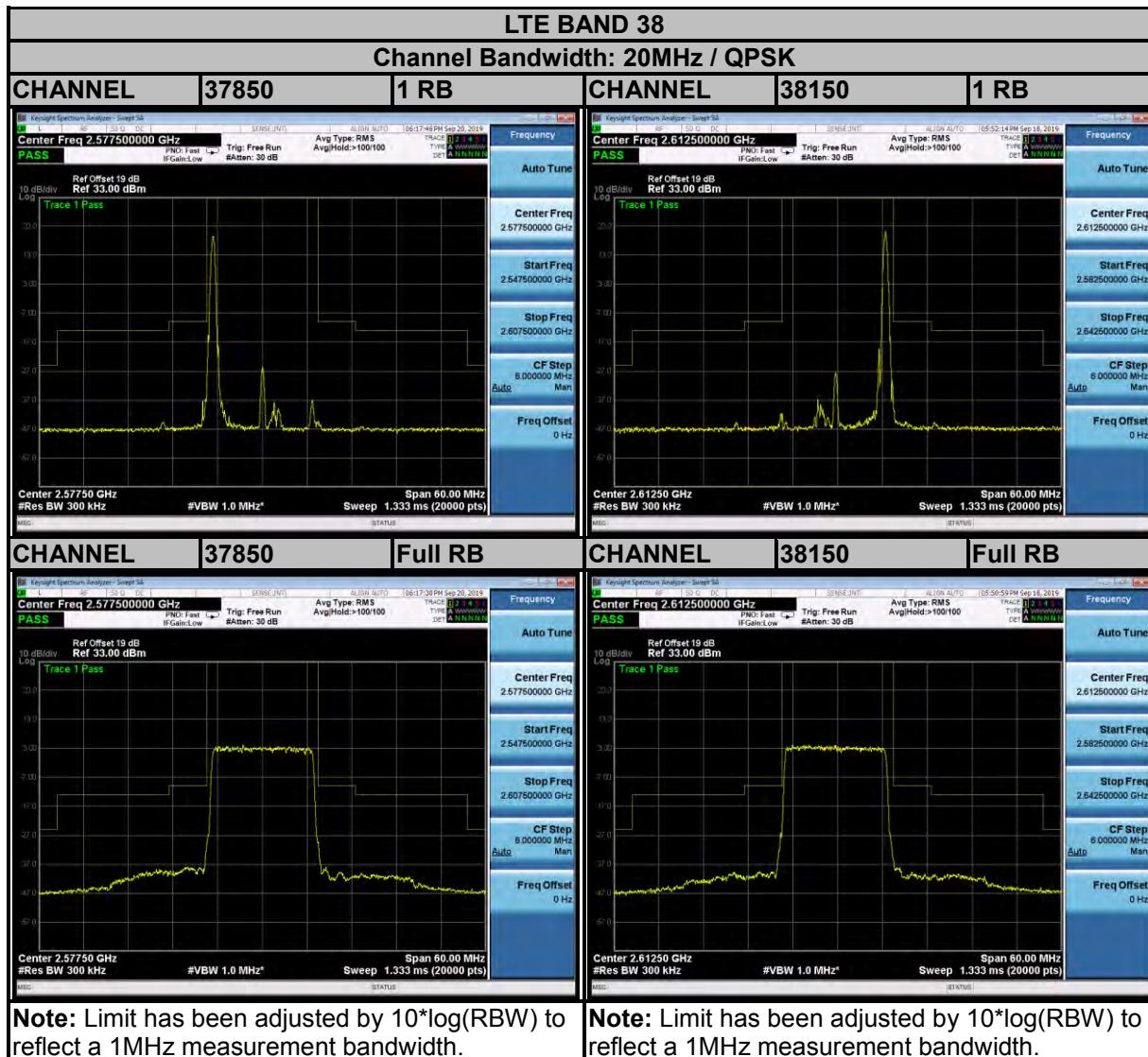
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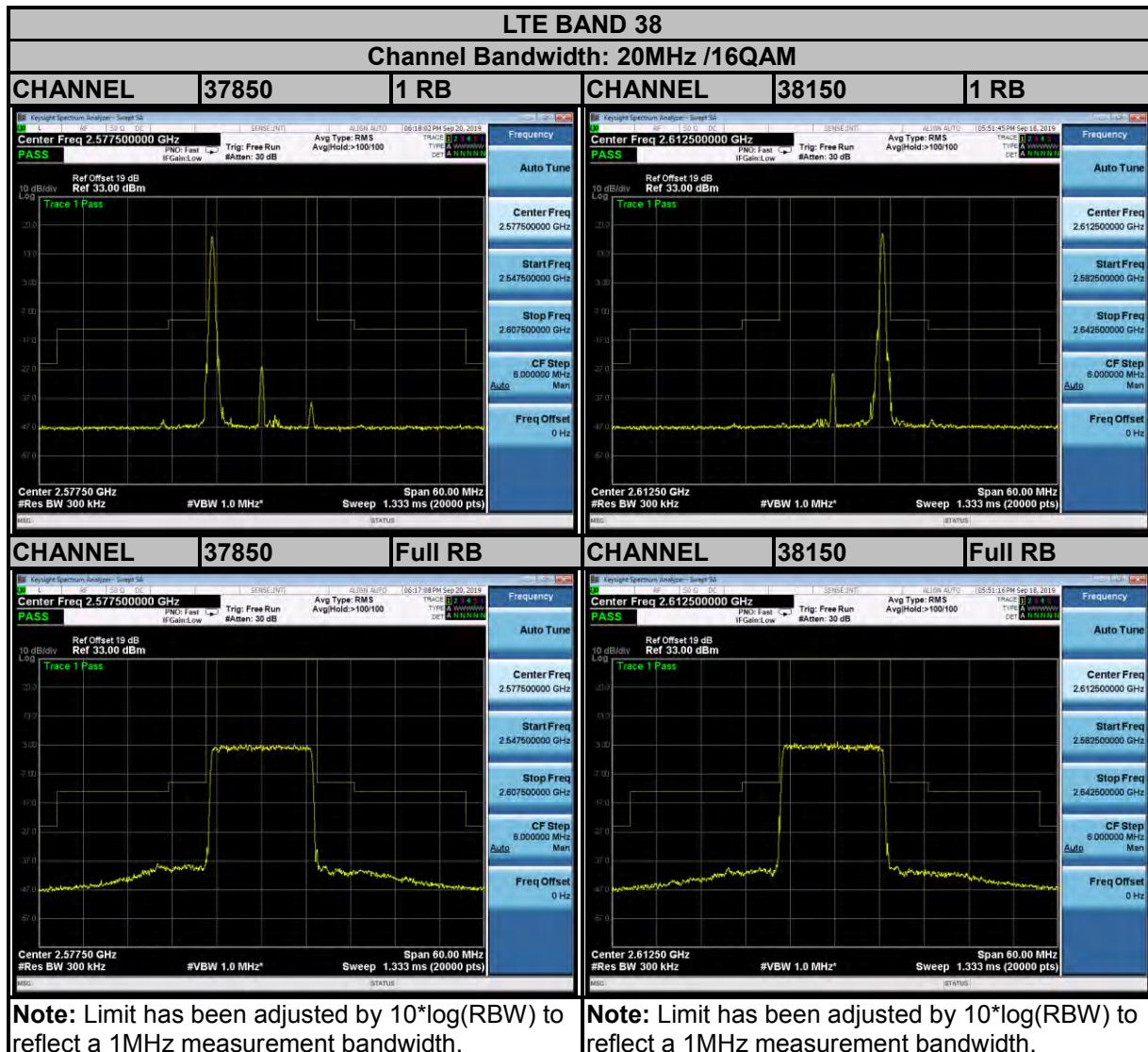
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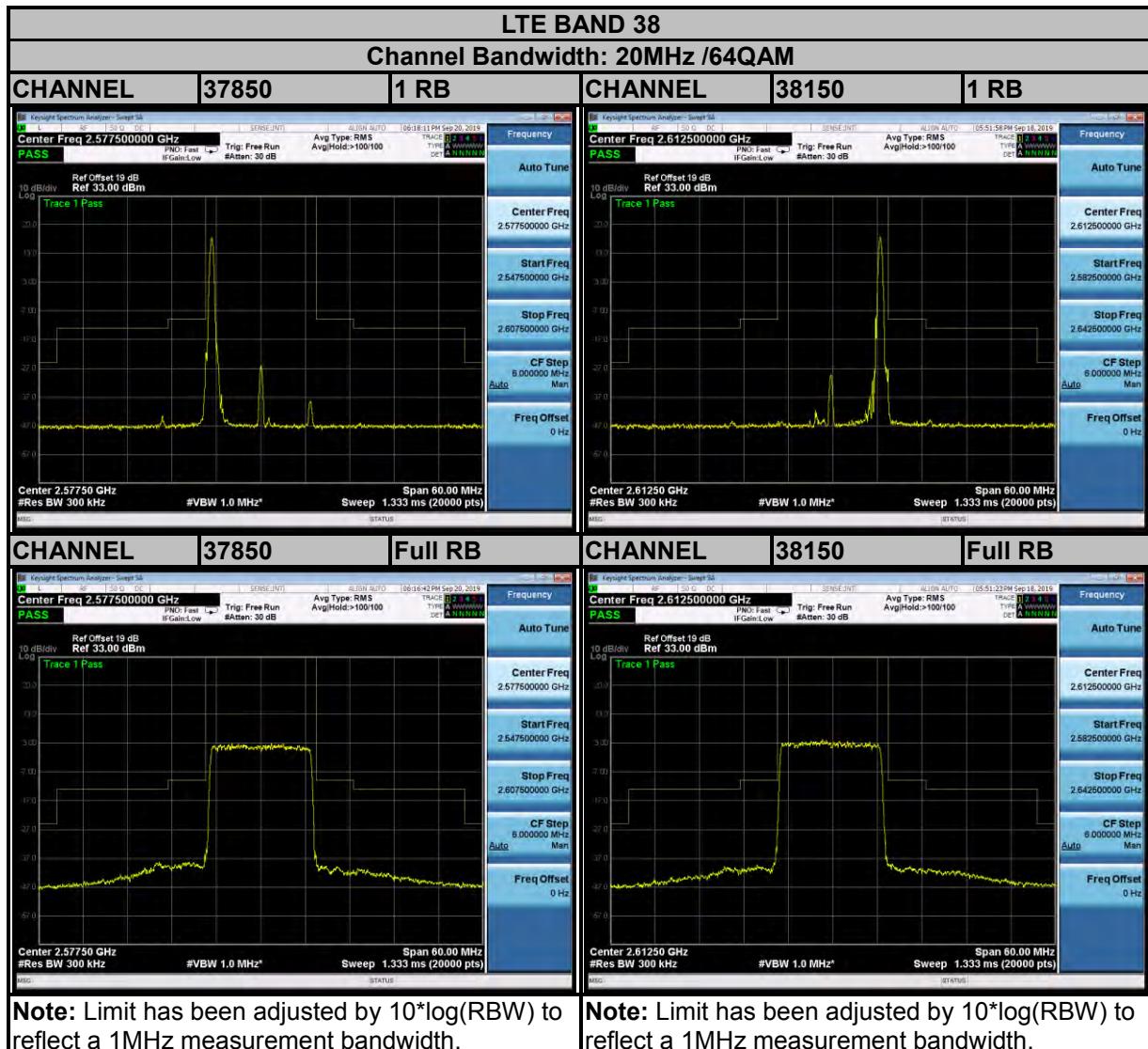
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BUREAU  
VERITAS

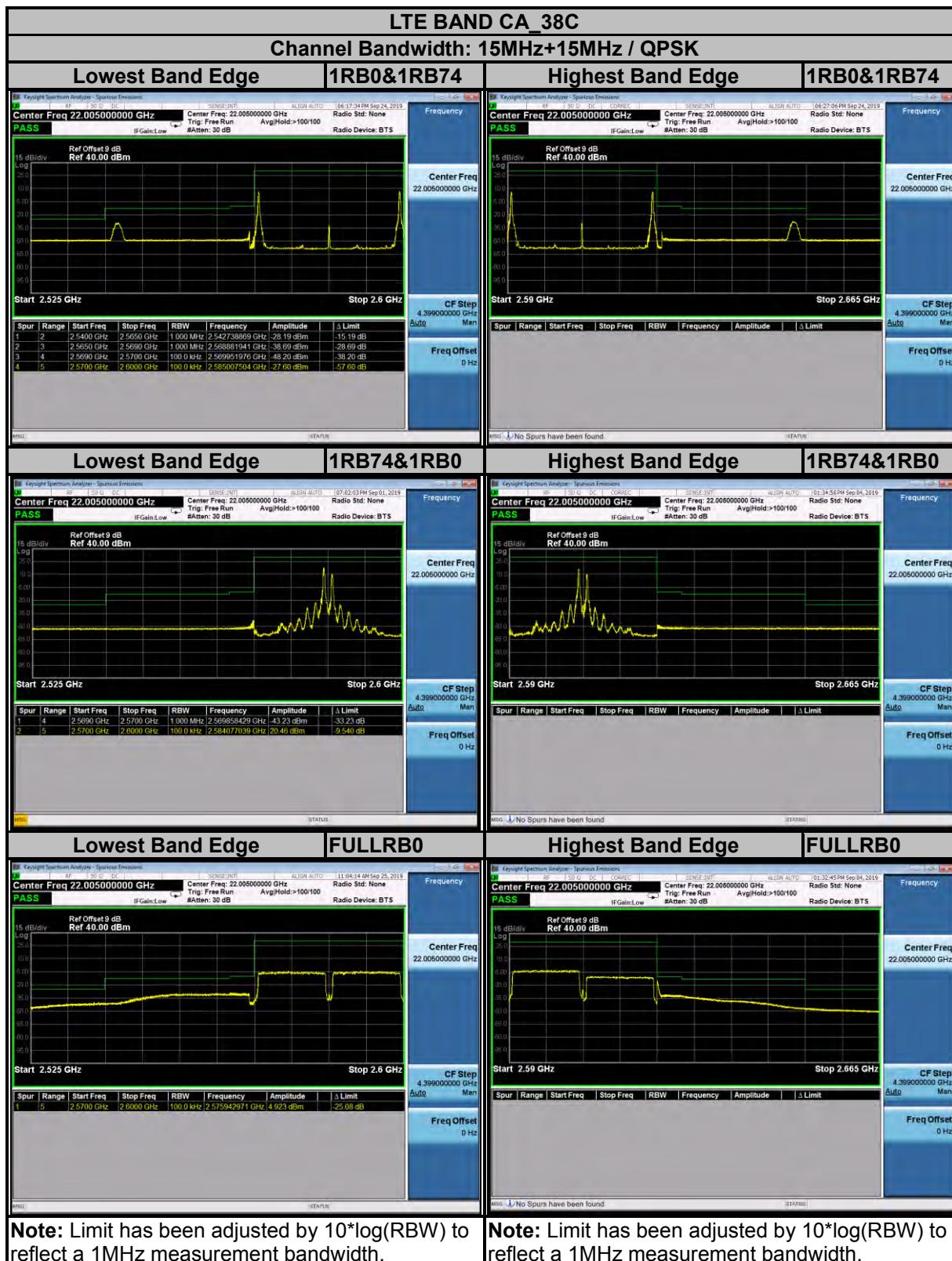
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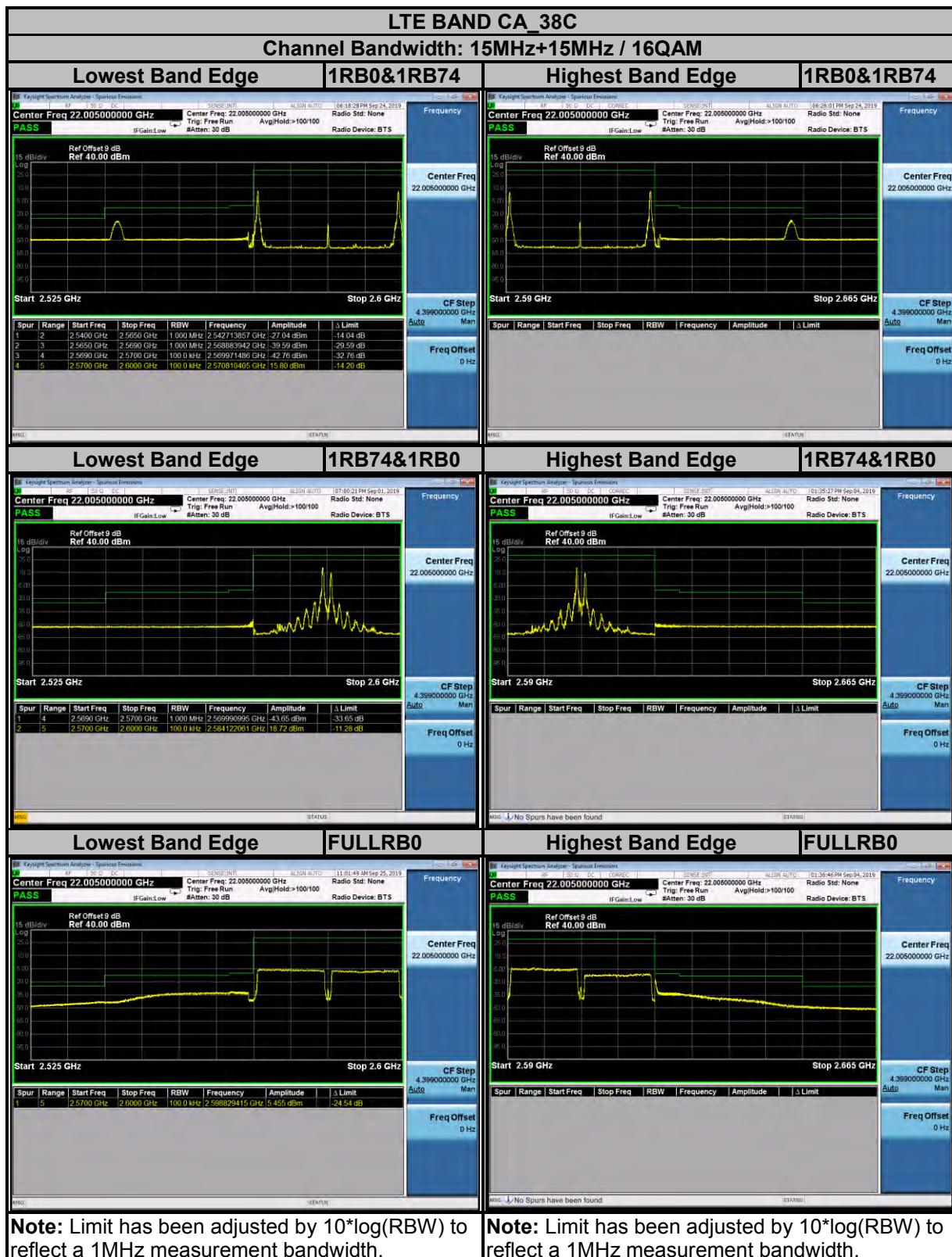
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VERITAS

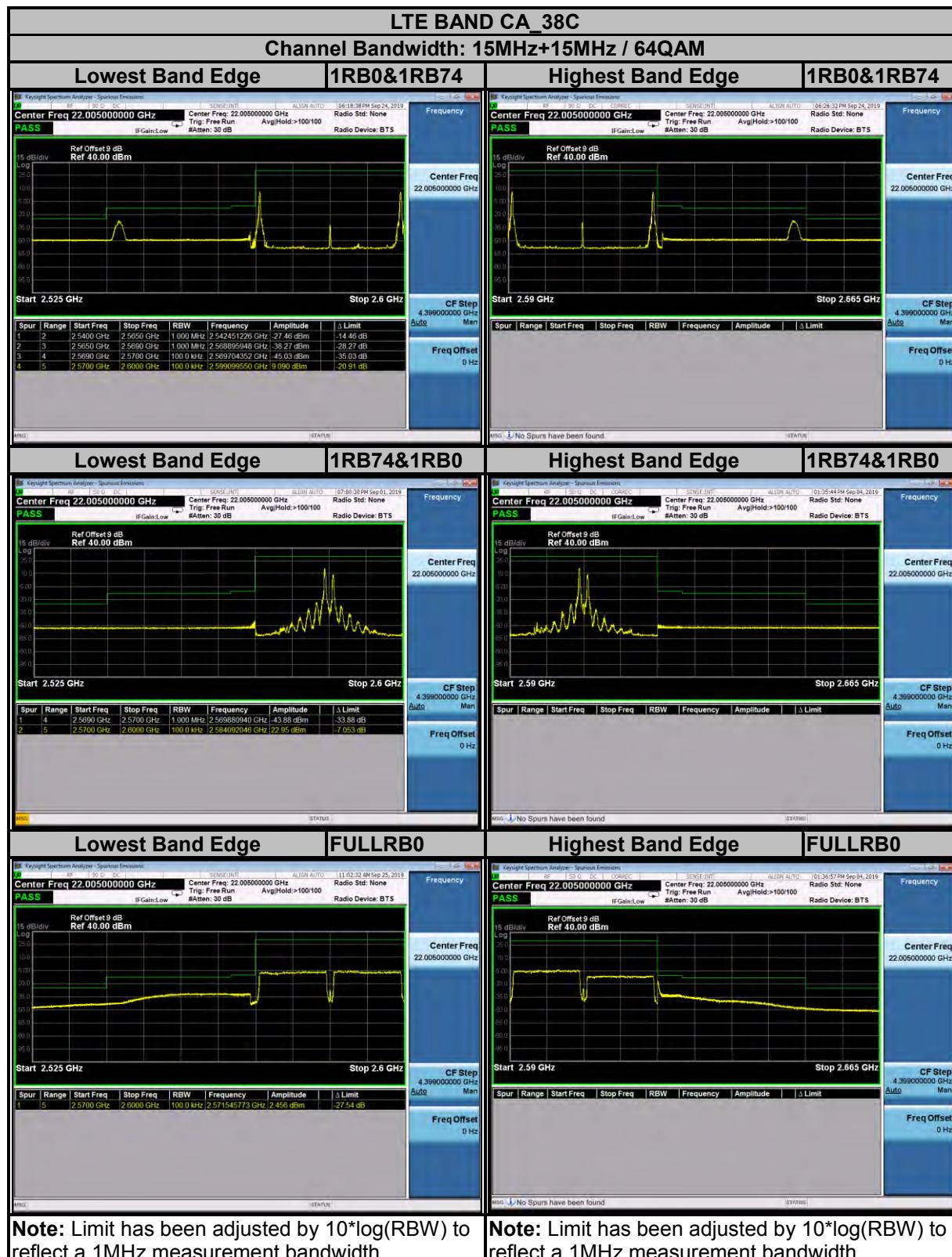
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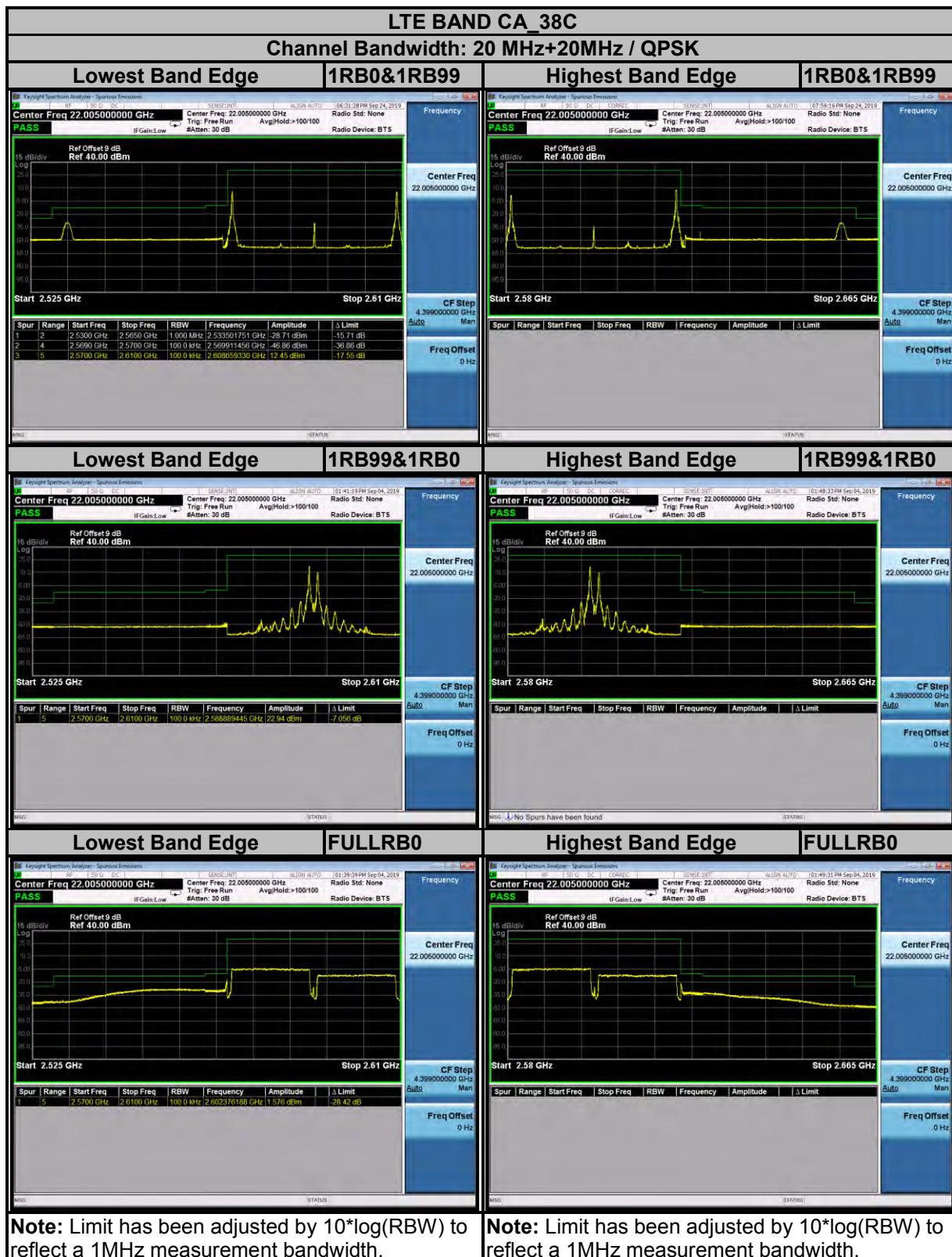
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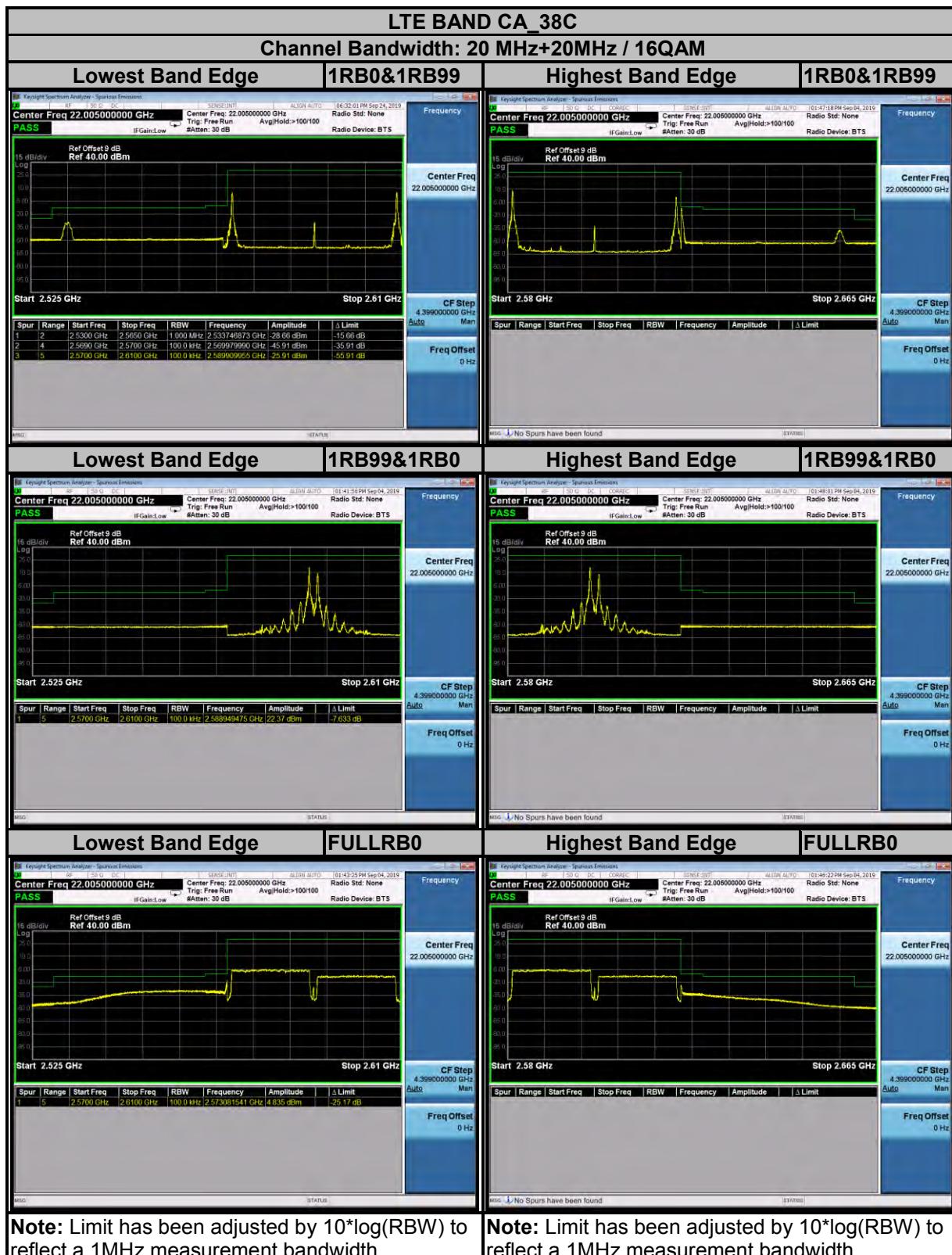
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Test Report No.: RF190823W003-7



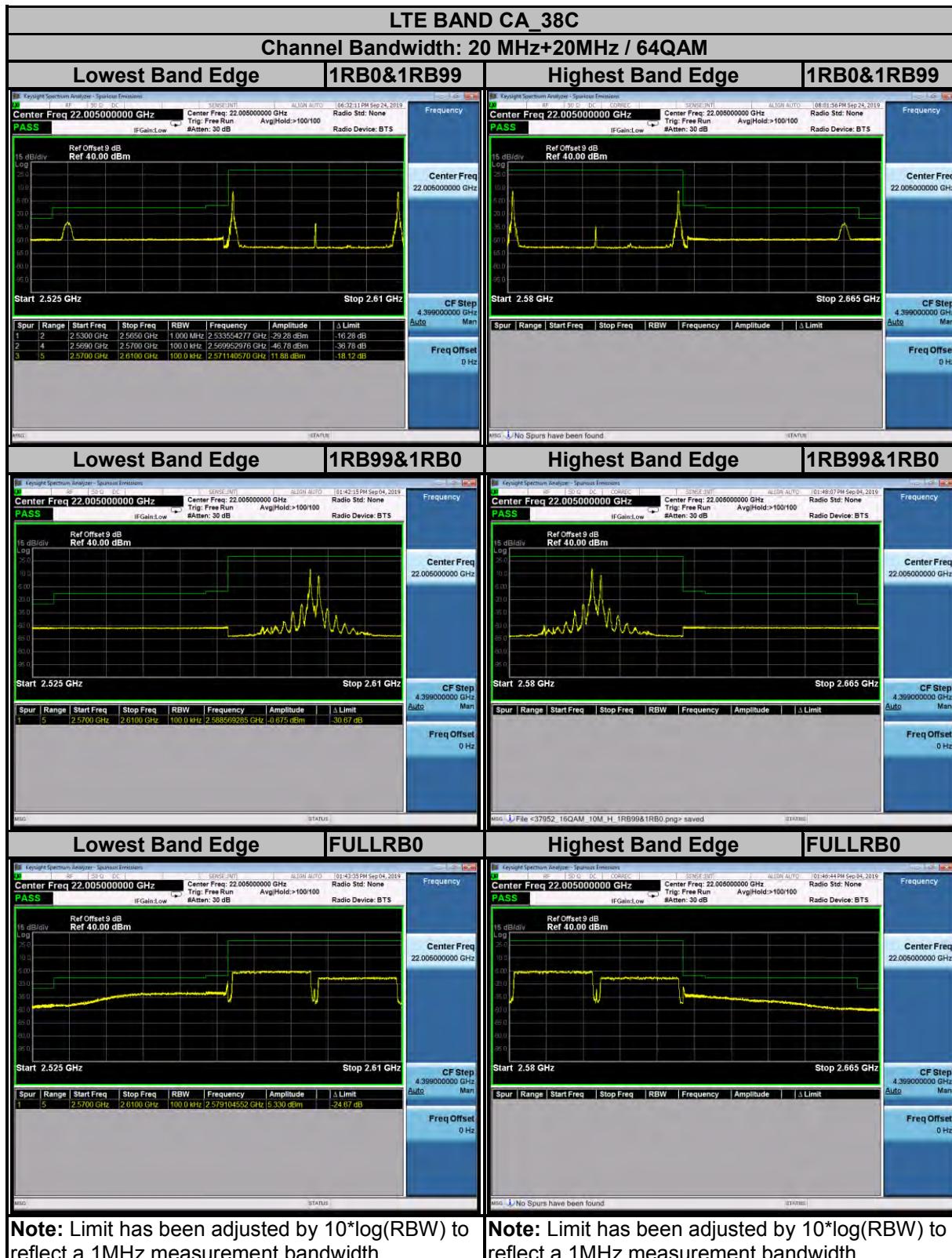
**Note:** Limit has been adjusted by  $10 \cdot \log(\text{RBW})$  to reflect a 1MHz measurement bandwidth.

**Note:** Limit has been adjusted by  $10 \cdot \log(\text{RBW})$  to reflect a 1MHz measurement bandwidth.



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### 3.6 CONDUCTED SPURIOUS EMISSIONS

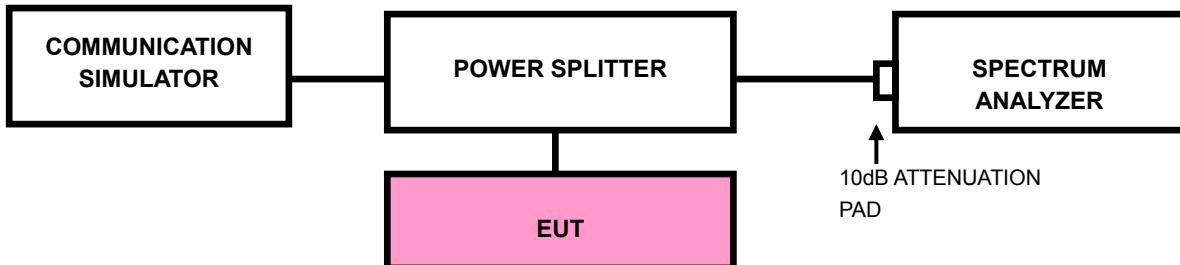
#### 3.6.1 LIMITS OF CONDUCTED SPURIOUS EMISSIONS MEASUREMENT

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least  $55 + 10 \log_{10}(P)$  dB. The limit of emission is equal to -25dBm.

#### 3.6.2 TEST PROCEDURE

- a. The EUT makes a phone call to the communication simulator. All measurements were done at low, middle and high operational frequency range.
- b. Measuring frequency range is from 30MHz~26GHz for LTE Band 7 & 30MHz~27GHz for LTE Band 38. 10dB attenuation pad is connected with spectrum. RBW=1MHz and VBW=3MHz are used for conducted emission measurement.

#### 3.6.3 TEST SETUP





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### 3.6.4 TEST RESULTS

#### LTE BAND 7

##### 5MHz / QPSK

###### CHANNEL 20775

###### FREQUENCY RANGE2E : 30MHz~26GHz



###### CHANNEL 21100

###### FREQUENCY RANGE : 30MHz~26GHz



###### CHANNEL 21425

###### FREQUENCY RANGE : 30MHz~26GHz





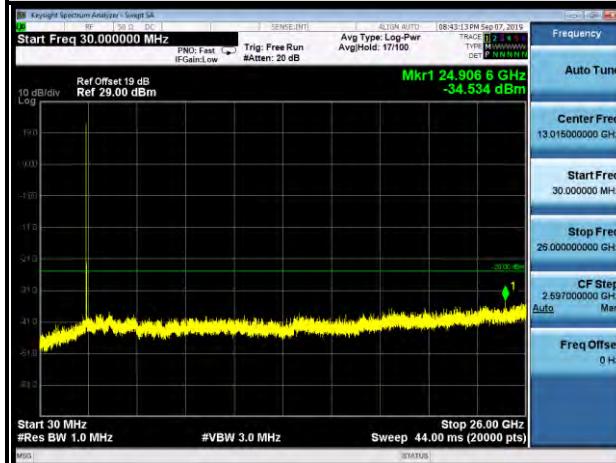
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## 10MHz / QPSK

### CHANNEL 20800

#### FREQUENCY RANG2E : 30MHz~26GHz



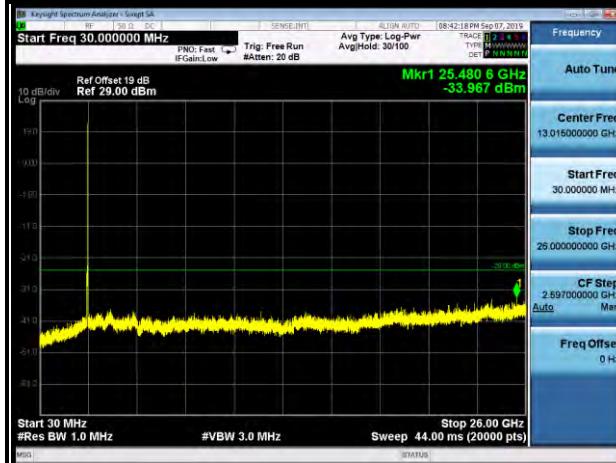
### CHANNEL 21100

#### FREQUENCY RANGE : 30MHz~26GHz



### CHANNEL 21400

#### FREQUENCY RANGE : 30MHz~26GHz





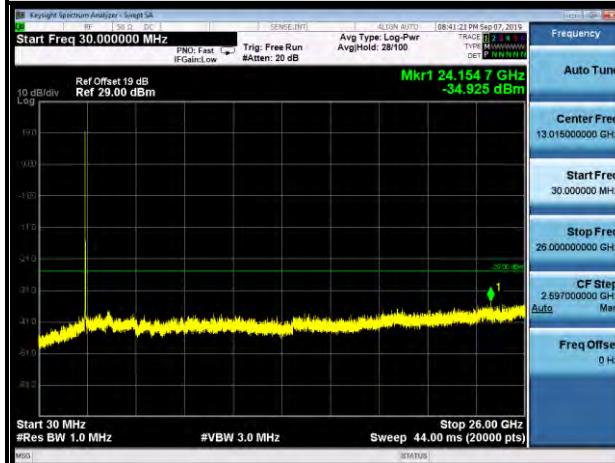
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VERITAS

Test Report No.: RF190823W003-7

## 15MHz / QPSK

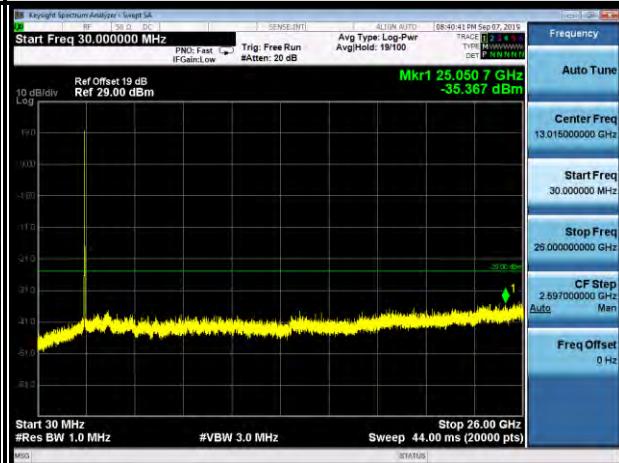
### CHANNEL 20825

#### FREQUENCY RANGE2E : 30MHz~26GHz



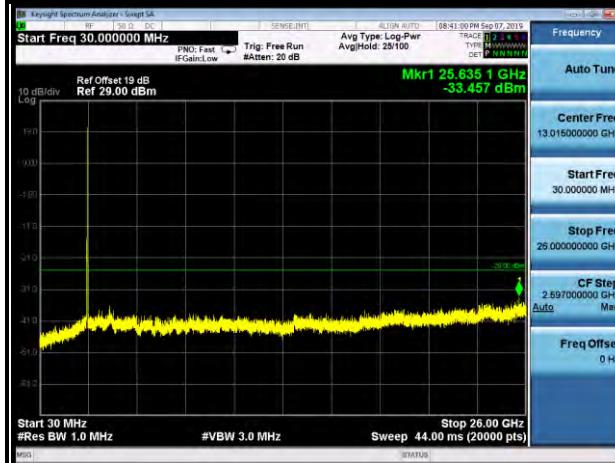
### CHANNEL 21100

#### FREQUENCY RANGE : 30MHz~26GHz



### CHANNEL 21375

#### FREQUENCY RANGE : 30MHz~26GHz





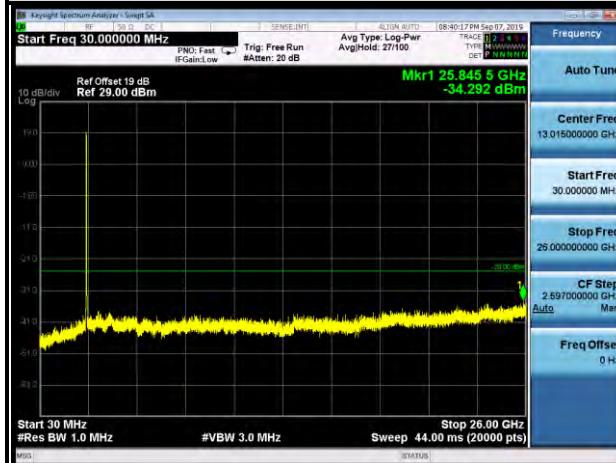
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Test Report No.: RF190823W003-7

## 20MHz / QPSK

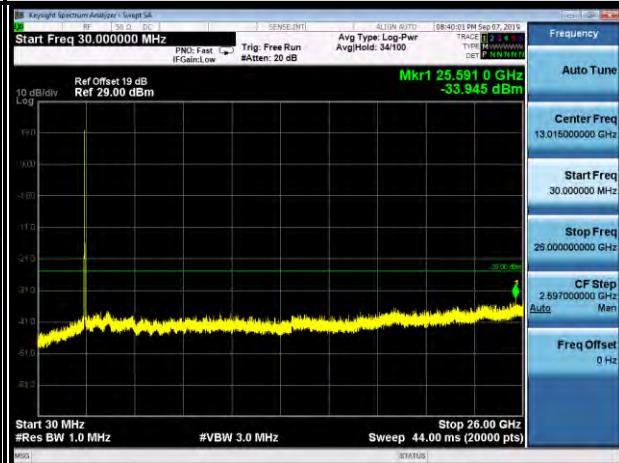
### CHANNEL 20850

#### FREQUENCY RANGE2E : 30MHz~26GHz



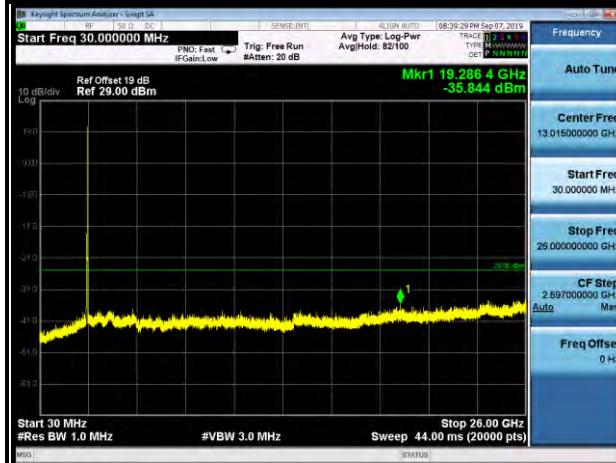
### CHANNEL 21100

#### FREQUENCY RANGE : 30MHz~26GHz



### CHANNEL 21350

#### FREQUENCY RANGE : 30MHz~26GHz





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Test Report No.: RF190823W003-7

## LTE BAND CA\_7C

The figure displays four screenshots of the Keysight Spectrum Analyzer software interface, arranged in a 2x2 grid. Each screenshot shows a spectrum plot with a yellow signal trace. The parameters for each run are listed below the plots.

- Top Left:** Lowest Channel (1RB0 & 1RB99). Frequency Range: 30MHz~26.0GHz. Start Freq: 30.000000 MHz, Stop Freq: 26.000000 GHz. Reference Offset: 9 dB, Reference Level: 29.00 dBm. Mkr1: 23.871 7 GHz, -33.921 dBm.
- Top Right:** Lowest Channel (1RB49 & 1RB0). Frequency Range: 30MHz~26.0GHz. Start Freq: 30.000000 MHz, Stop Freq: 26.000000 GHz. Reference Offset: 9 dB, Reference Level: 29.00 dBm. Mkr1: 25.678 6 GHz, -34.492 dBm.
- Bottom Left:** Lowest Channel (FULLRB0). Frequency Range: 30MHz~26.0GHz. Start Freq: 30.000000 MHz, Stop Freq: 26.000000 GHz. Reference Offset: 9 dB, Reference Level: 29.00 dBm. Mkr1: 23.878 8 GHz, -34.359 dBm.
- Bottom Right:** This section is empty.

BV 7Layers Communications Technology  
(Shenzhen) Co. Ltd

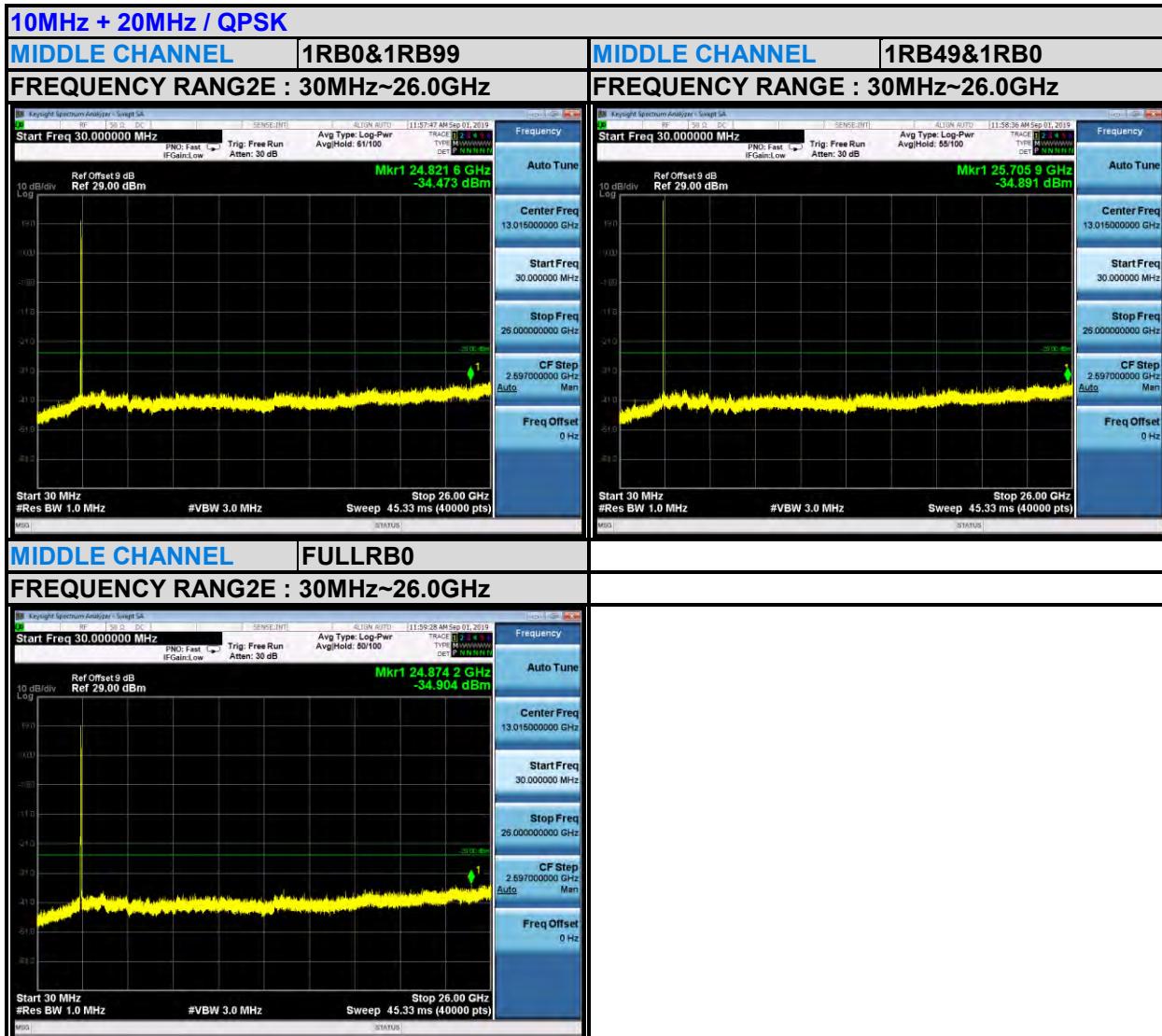
No.B102, Dazu Chuangxin Mansion, North of Beihuan Avenue, North Area, Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong, China

Tel: +86 755 8869 6566  
Fax: +86 755 8869 6577  
Email: [customerservice.dg@cn.bureauveritas.com](mailto:customerservice.dg@cn.bureauveritas.com)



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### 10MHz + 20MHz / QPSK

**HIGHEST CHANNEL** | 1RB0&1RB99

**FREQUENCY RANGE** : 30MHz~26.0GHz



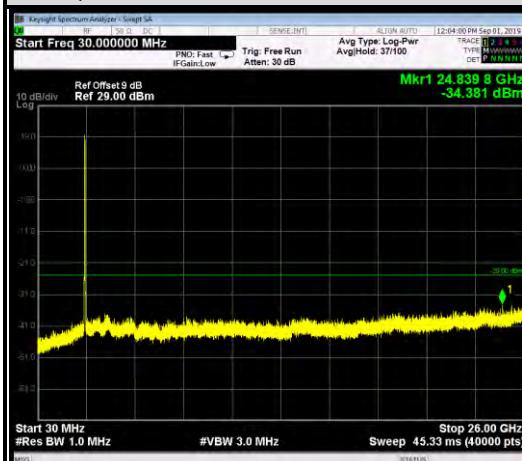
**HIGHEST CHANNEL** | 1RB49&1RB0

**FREQUENCY RANGE** : 30MHz~26.0GHz



**HIGHEST CHANNEL** | FULLRB0

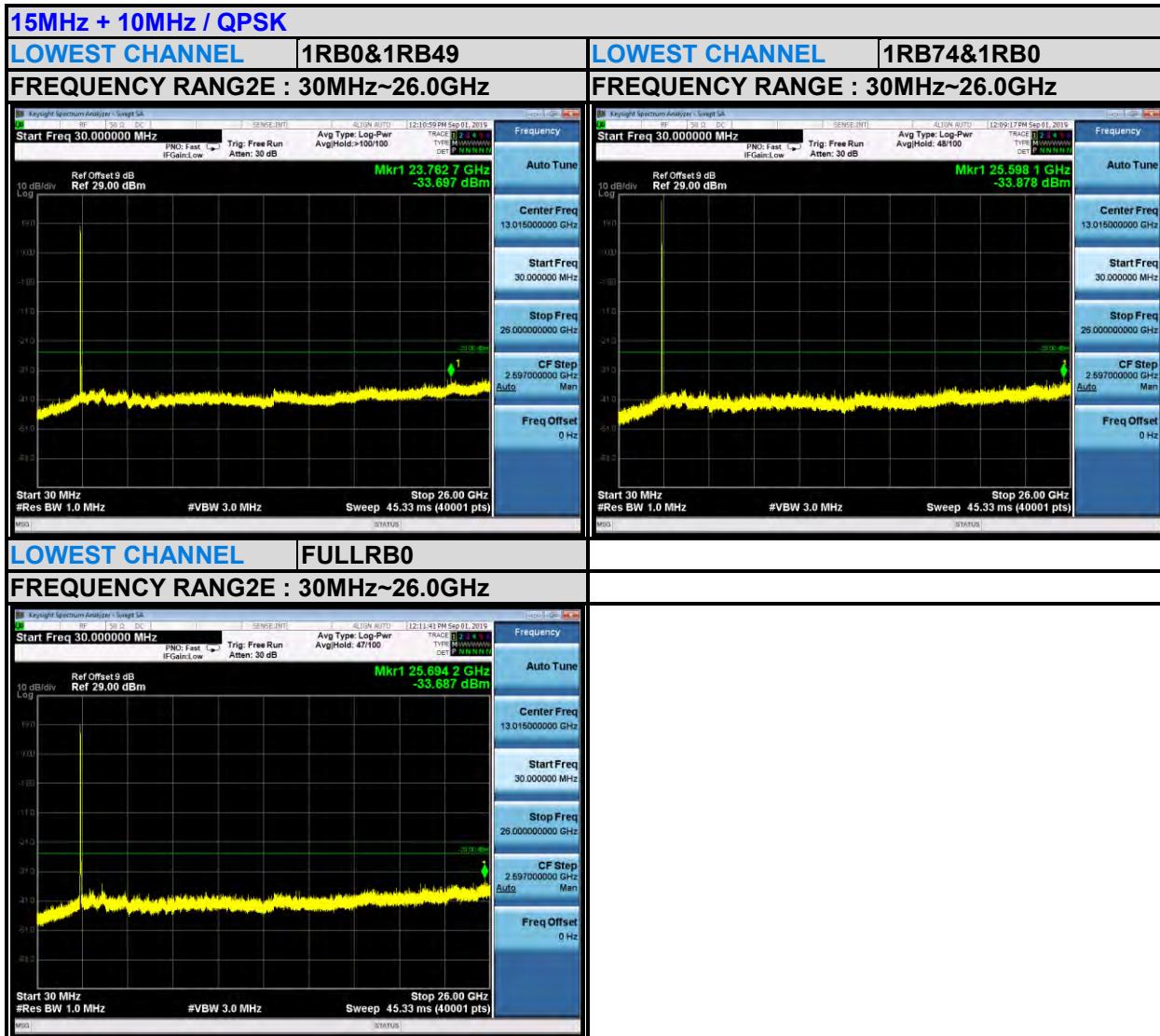
**FREQUENCY RANGE** : 30MHz~26.0GHz





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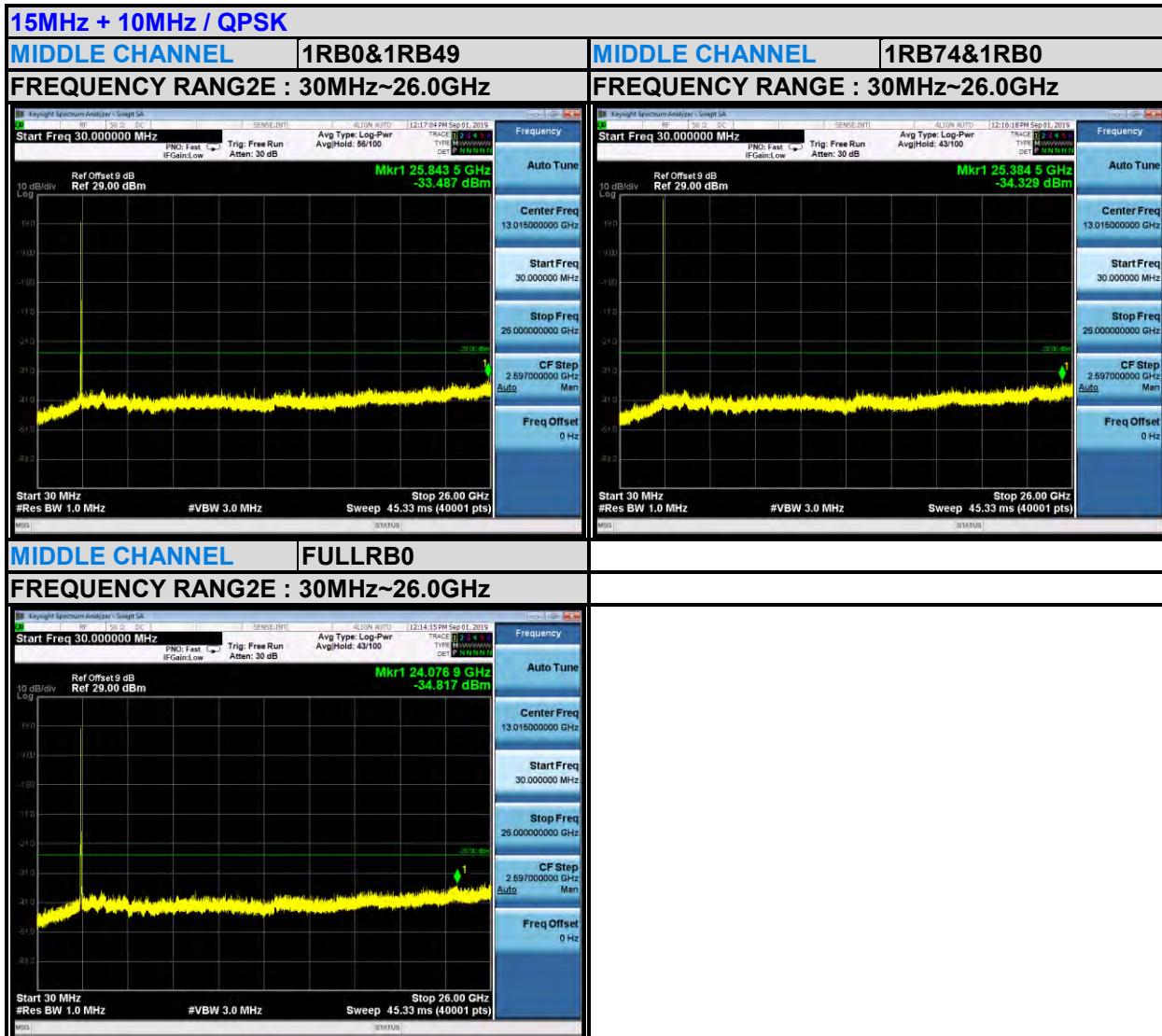
Test Report No.: RF190823W003-7





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Test Report No.: RF190823W003-7





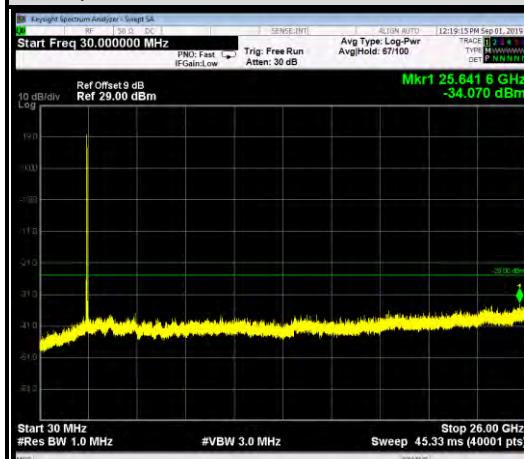
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VERITAS

Test Report No.: RF190823W003-7

### 15MHz + 10MHz / QPSK

HIGHEST CHANNEL 1RB0&1RB49

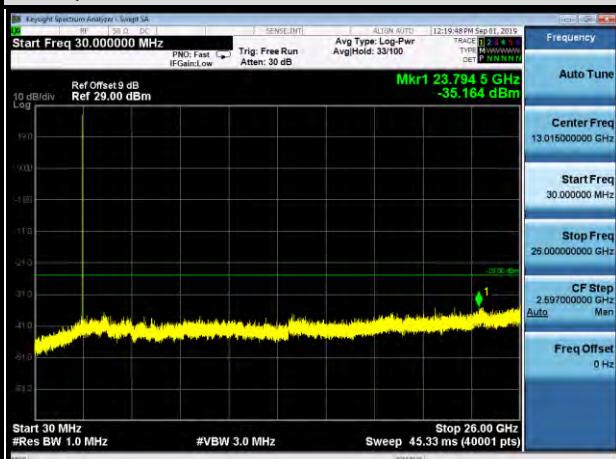
FREQUENCY RANG2E : 30MHz~26.0GHz



HIGHEST CHANNEL

1RB74&1RB0

FREQUENCY RANGE : 30MHz~26.0GHz



HIGHEST CHANNEL

FULLRB0

FREQUENCY RANG2E : 30MHz~26.0GHz

