

# LTE Band 7, Channel Bandwidth 10MHz

Channel 20800  
(2505.0MHz)

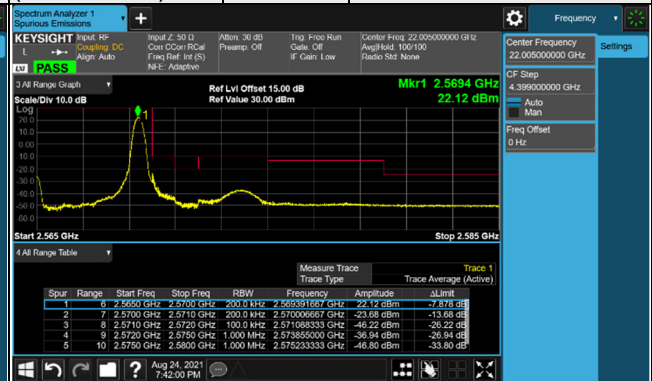
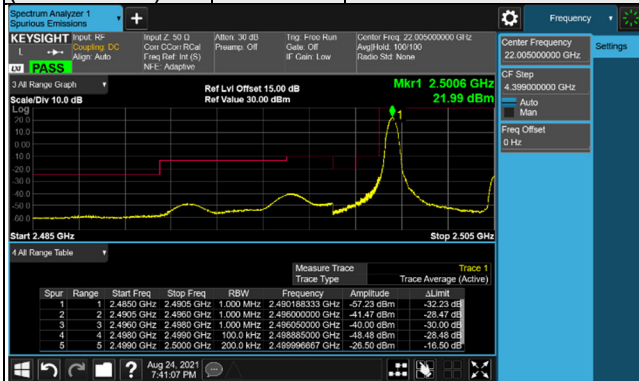
QPSK

1 RB / 0 RB Offset

Channel 21400  
(2565.0MHz)

QPSK

1 RB / 49 RB Offset



Channel 20800  
(2505.0MHz)

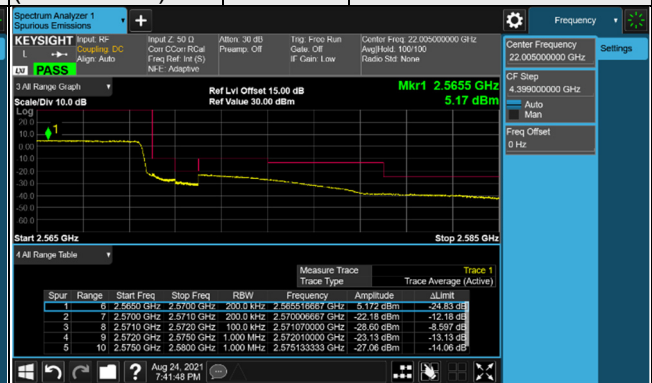
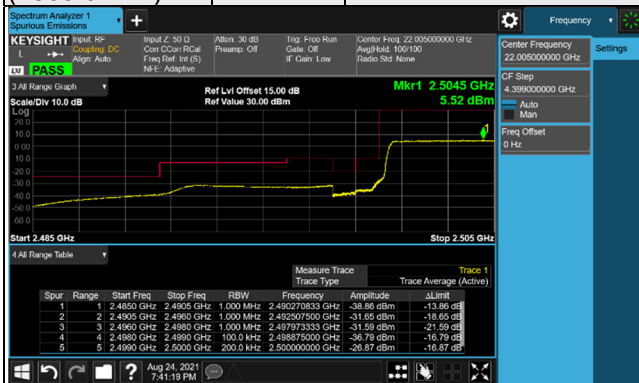
QPSK

50 RB / 0 RB Offset

Channel 21400  
(2565.0MHz)

QPSK

50 RB / 0 RB Offset



# LTE Band 7, Channel Bandwidth 15MHz

Channel 20825  
(2507.5MHz)

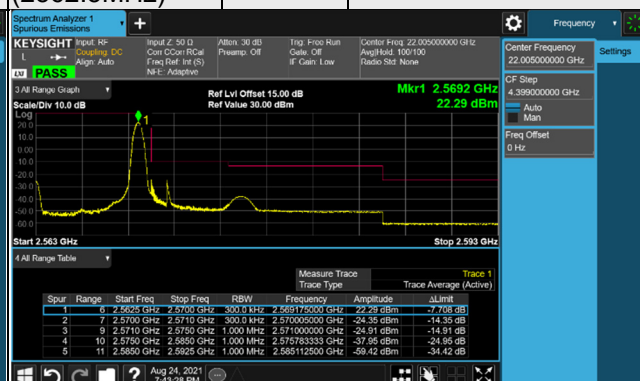
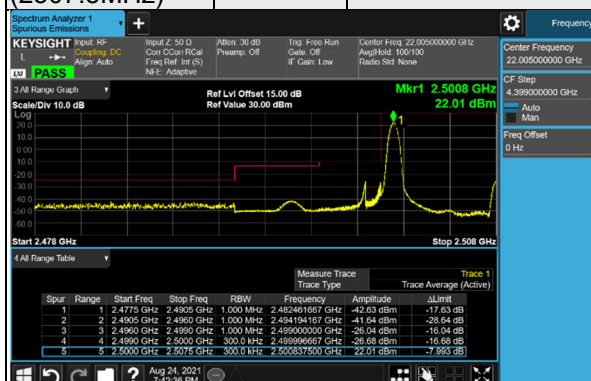
QPSK

1 RB / 0 RB Offset

Channel 21375  
(2562.5MHz)

QPSK

1 RB / 74 RB Offset



Channel 20825  
(2507.5MHz)

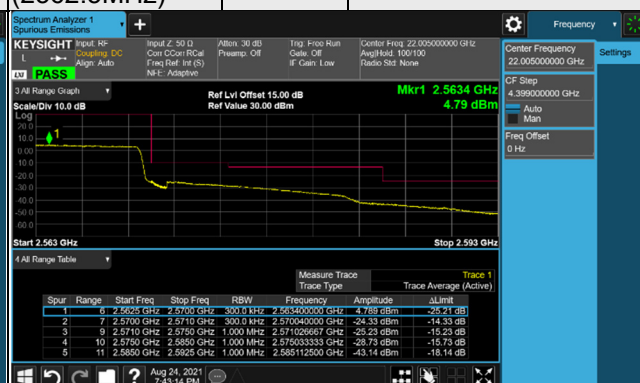
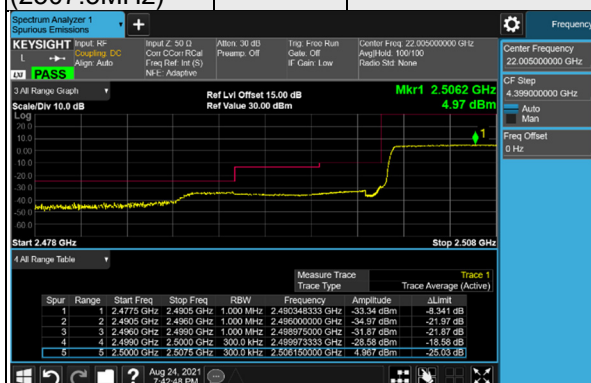
QPSK

75 RB / 0 RB Offset

Channel 21375  
(2562.5MHz)

QPSK

75 RB / 0 RB Offset



# LTE Band 7, Channel Bandwidth 20MHz

Channel 20850  
(2510.0MHz)

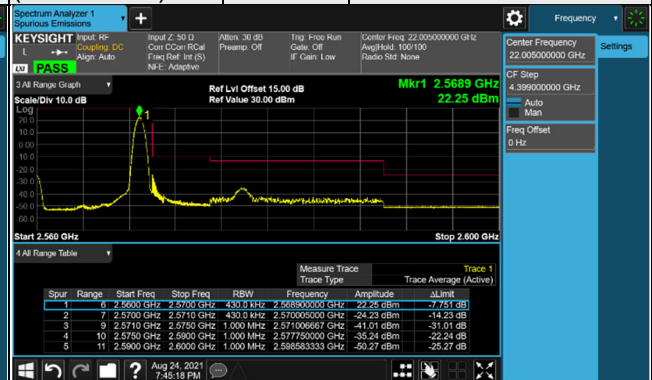
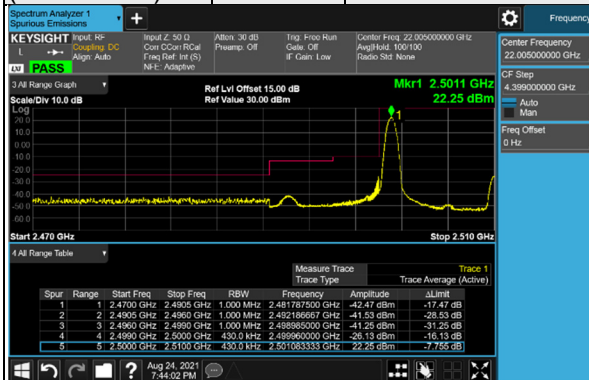
QPSK

1 RB / 0 RB Offset

Channel 21350  
(2560.0MHz)

QPSK

1 RB / 99 RB Offset



Channel 20850  
(2510.0MHz)

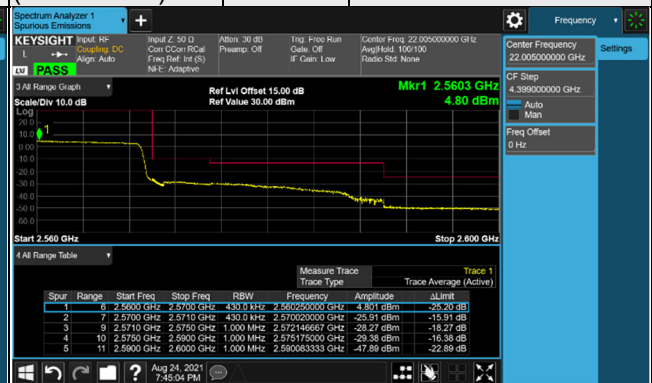
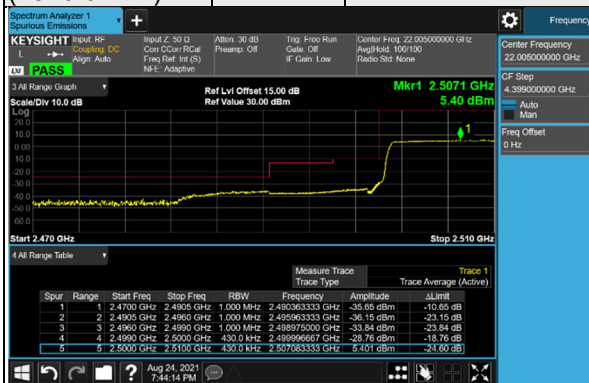
QPSK

100 RB / 0 RB Offset

Channel 21350  
(2560.0MHz)

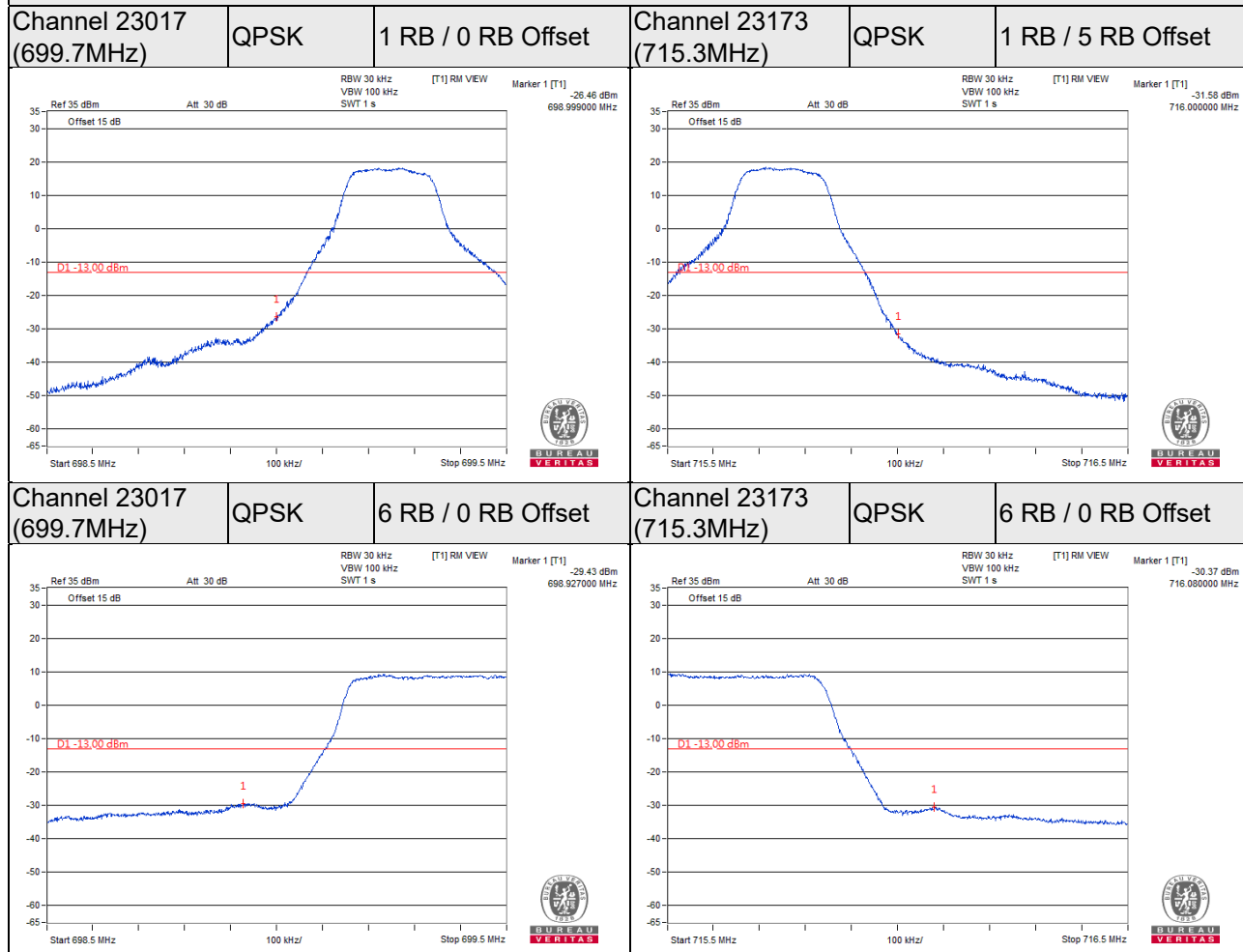
QPSK

100 RB / 0 RB Offset

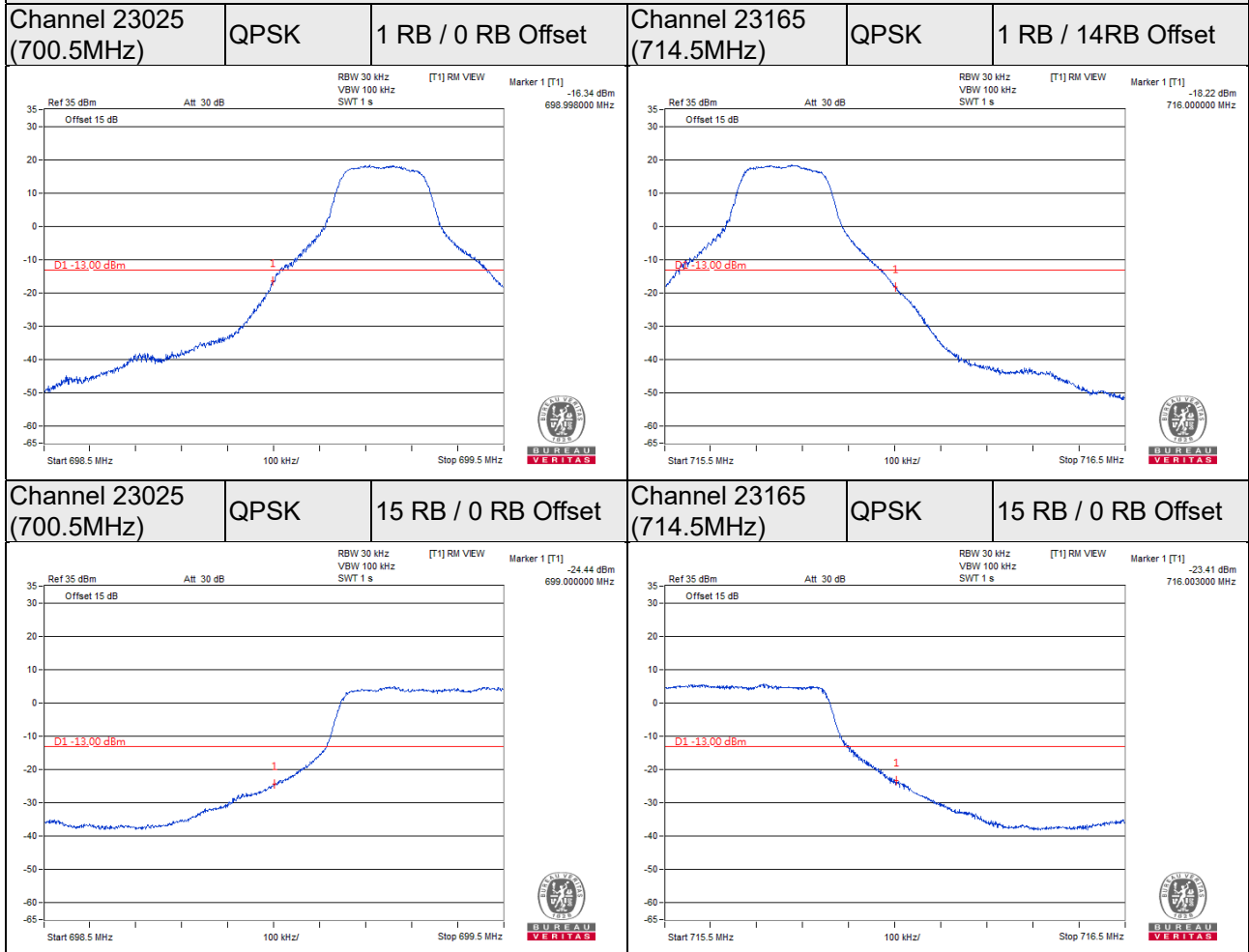


## Band Edge

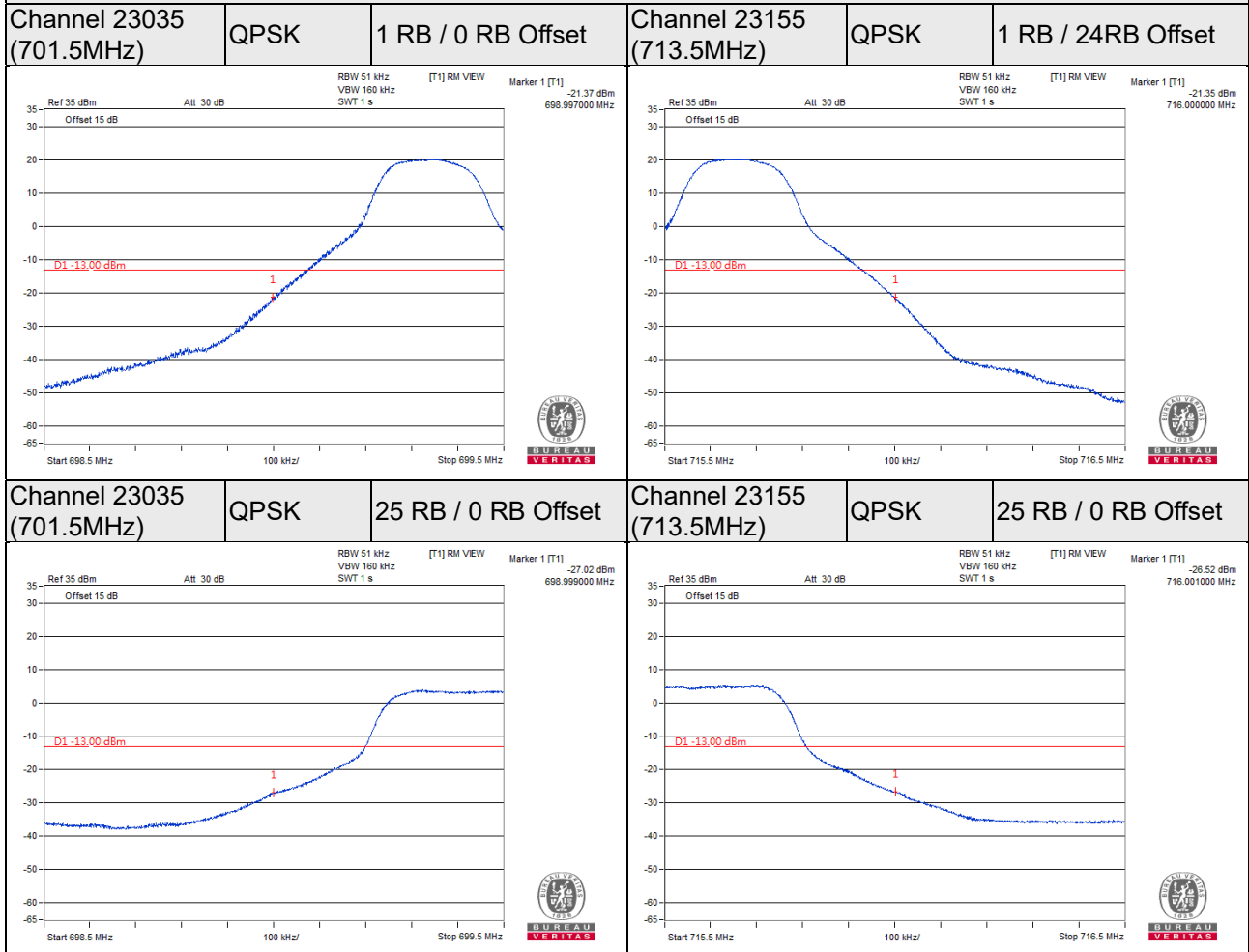
LTE Band 12, Channel Bandwidth 1.4MHz



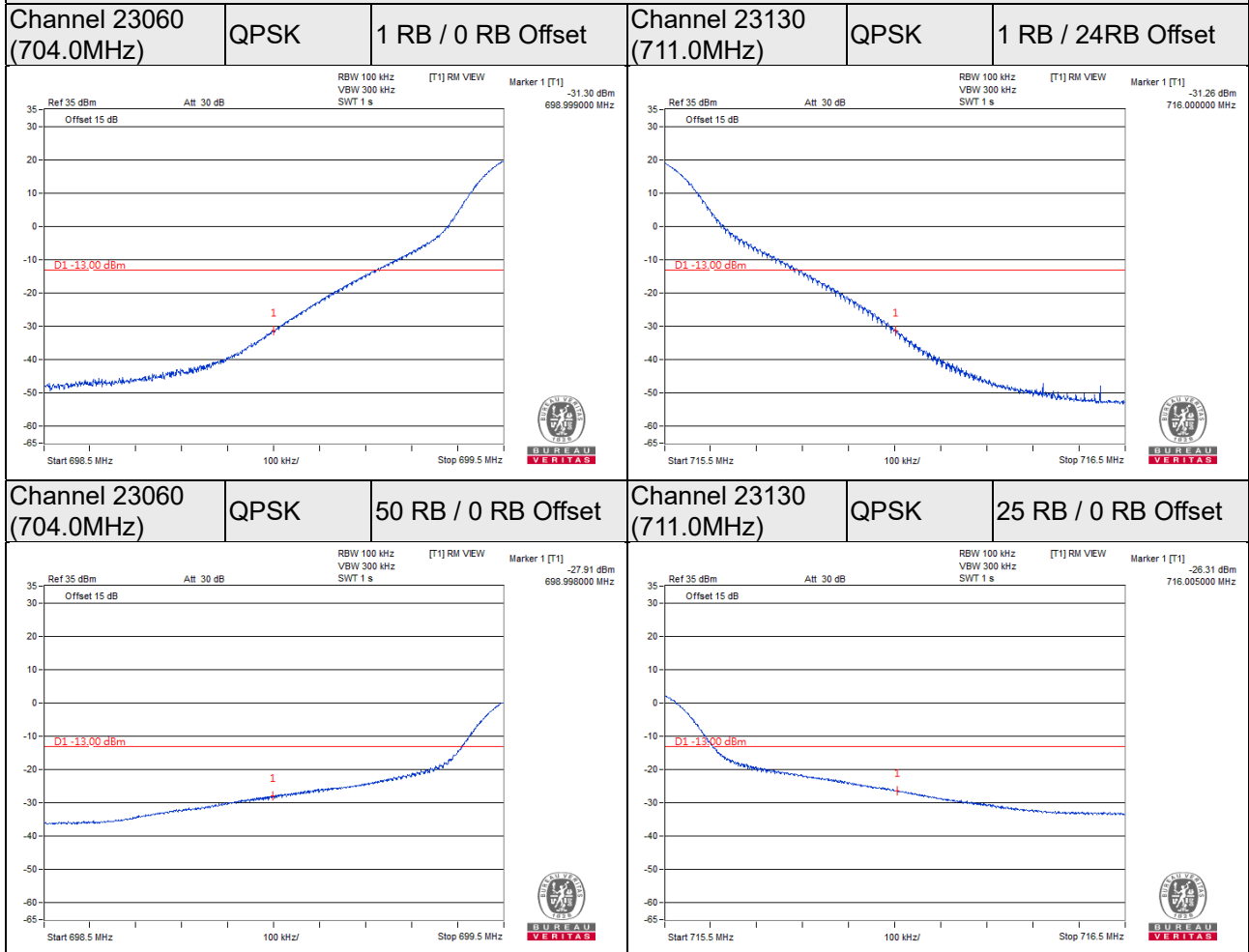
# LTE Band 12, Channel Bandwidth 3MHz



# LTE Band 12, Channel Bandwidth 5MHz

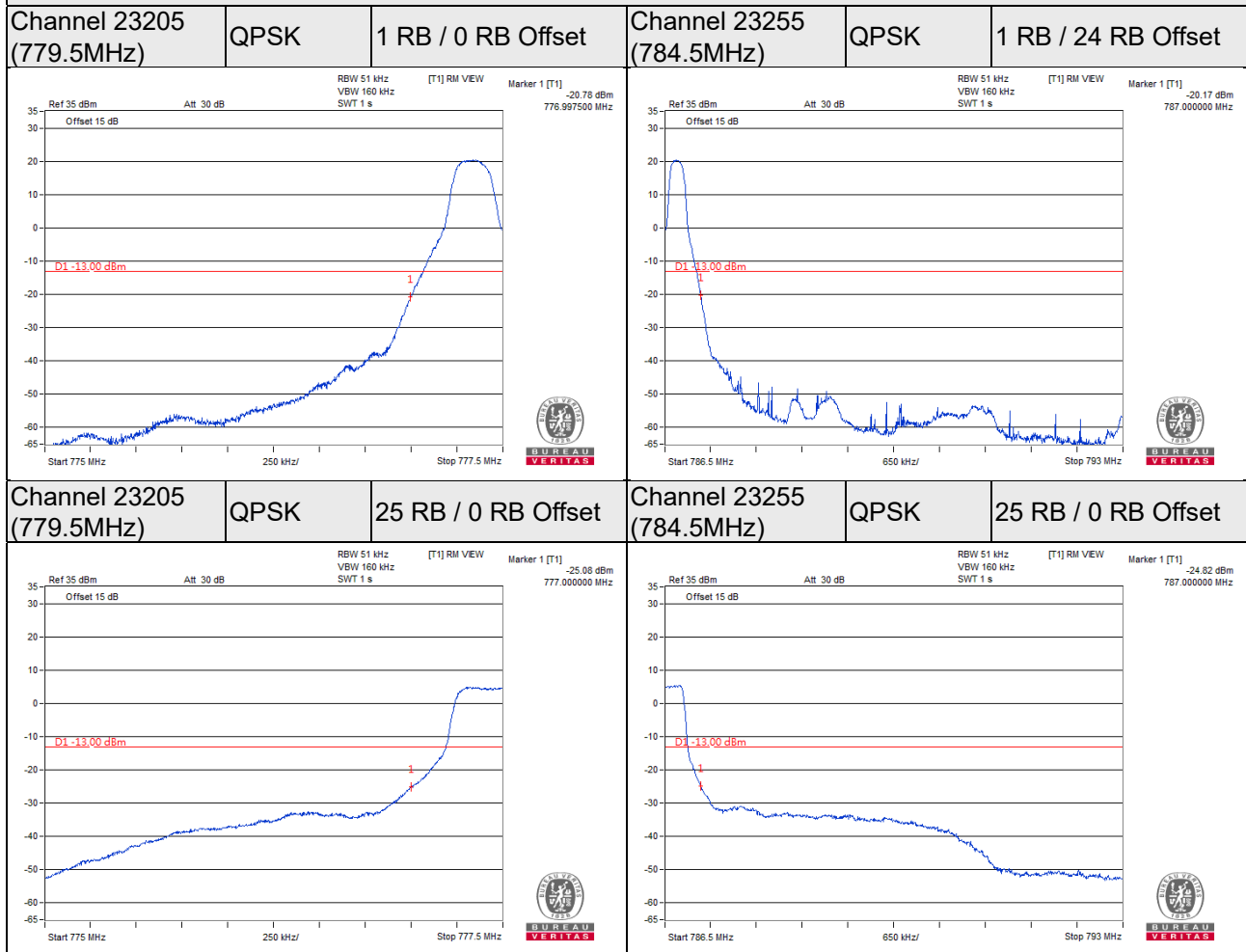


# LTE Band 12, Channel Bandwidth 10MHz

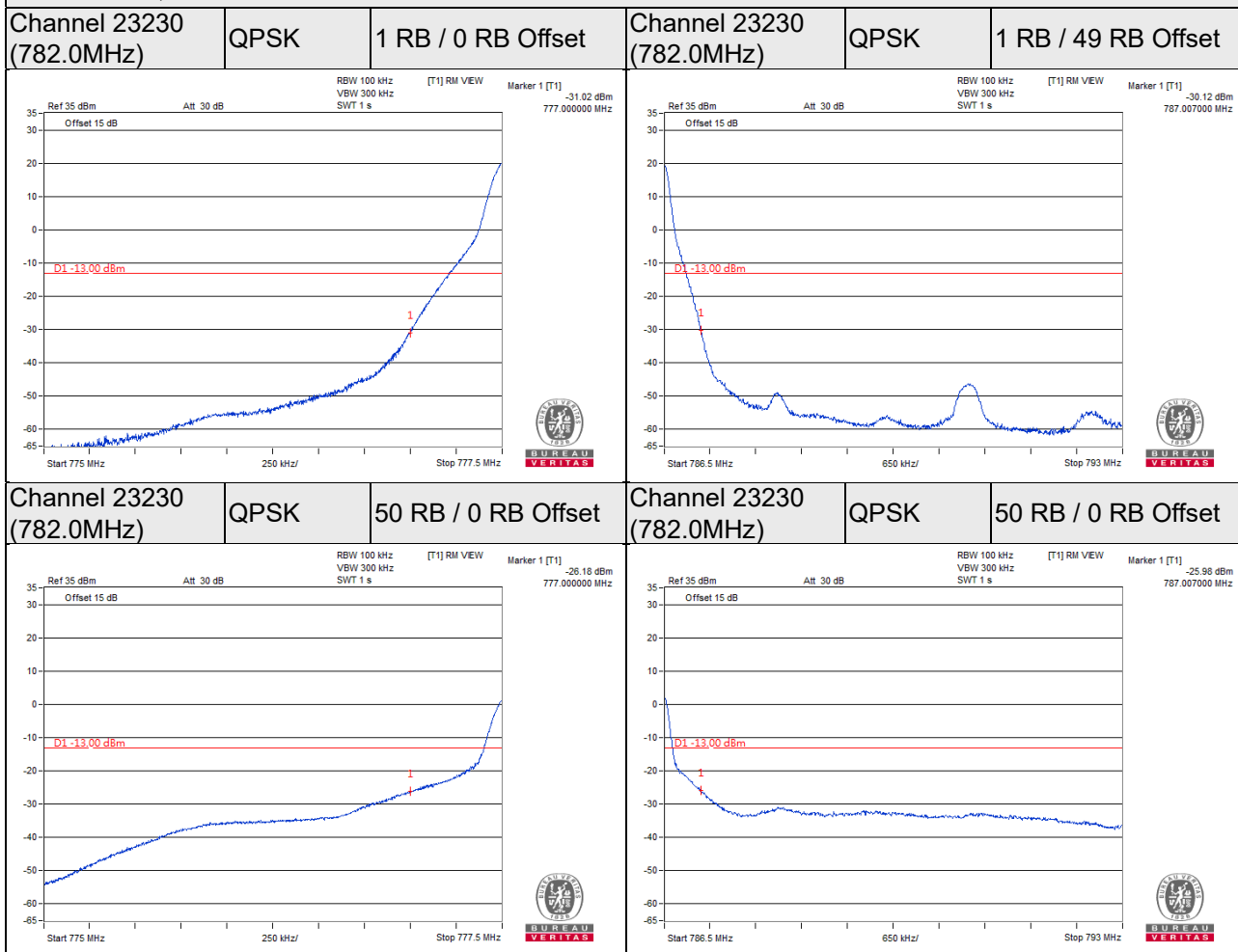


## Band Edge

### LTE Band 13, Channel Bandwidth 5MHz

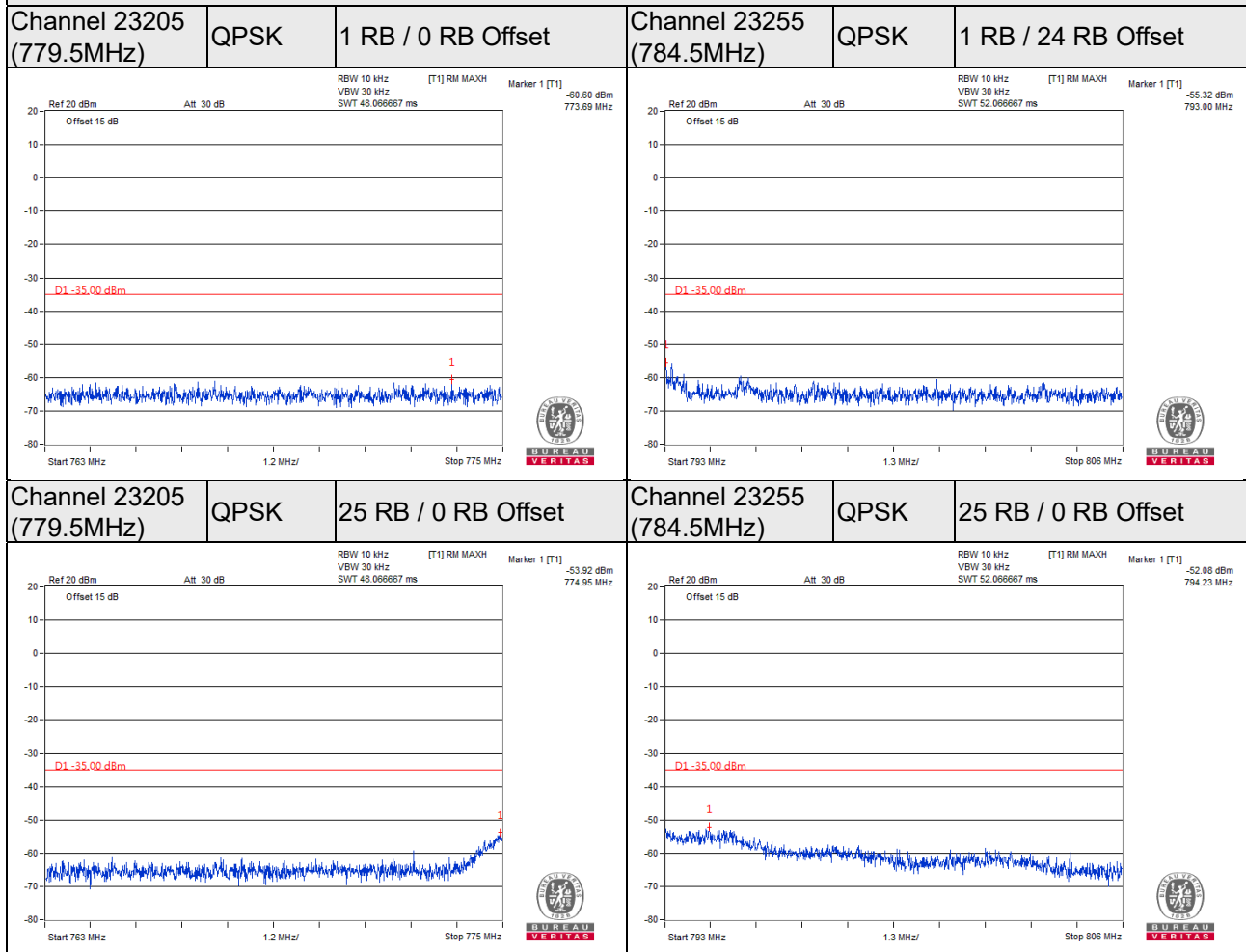


# LTE Band 13, Channel Bandwidth 10MHz



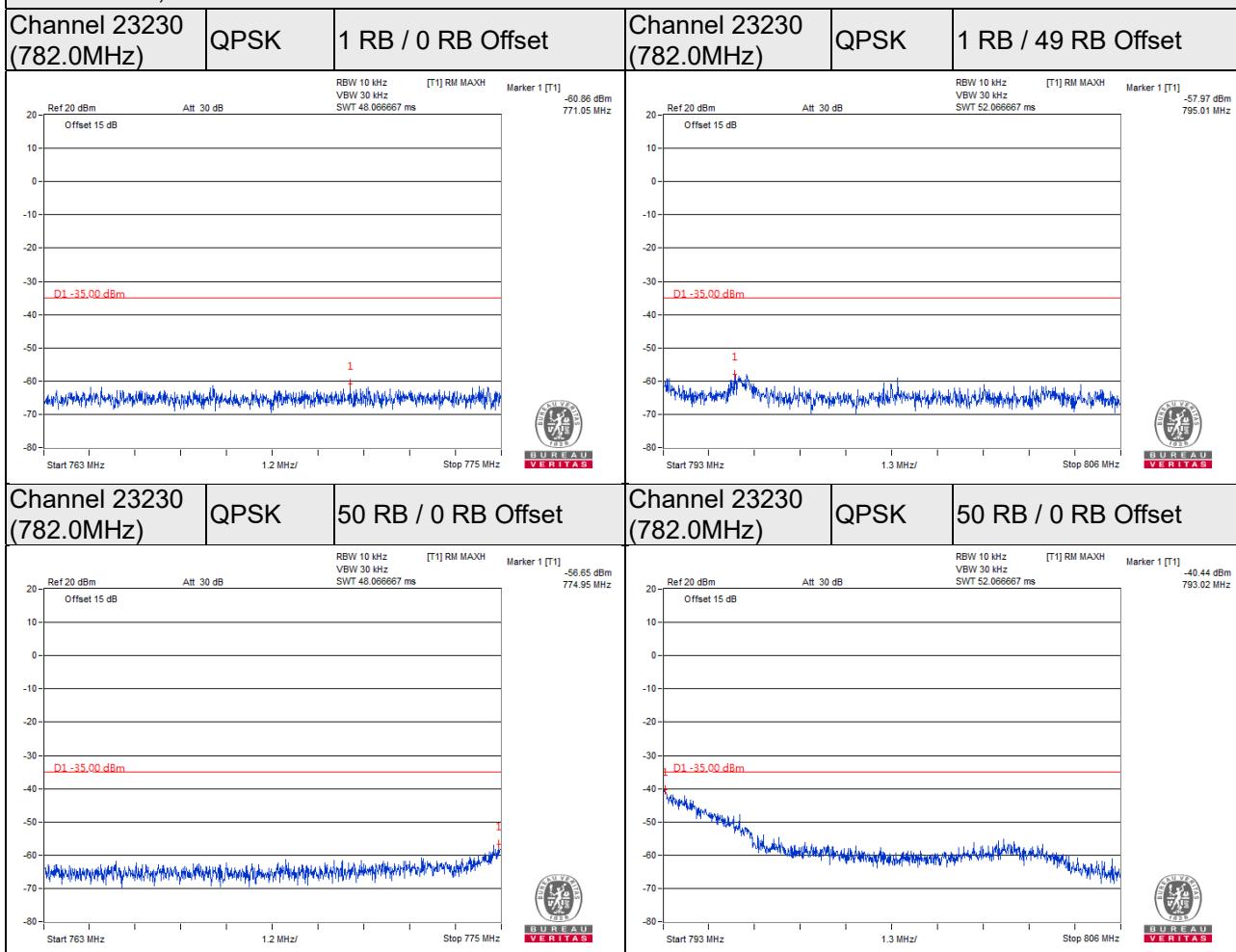
## Emission Mask

LTE Band 13, Channel Bandwidth 5MHz



For the 763-775MHz and 793-805MHz band, the FCC limit is  $65 + 10\log(P[\text{watt}])$  in a 6.25 kHz bandwidth. Since it was not possible to set the resolution bandwidth to 6.25 kHz with the available equipment, a bandwidth of 10 kHz was used instead to show compliance, and the correction factor is compensated at the spectrum. By using a 10 kHz bandwidth on the spectrum analyzer.

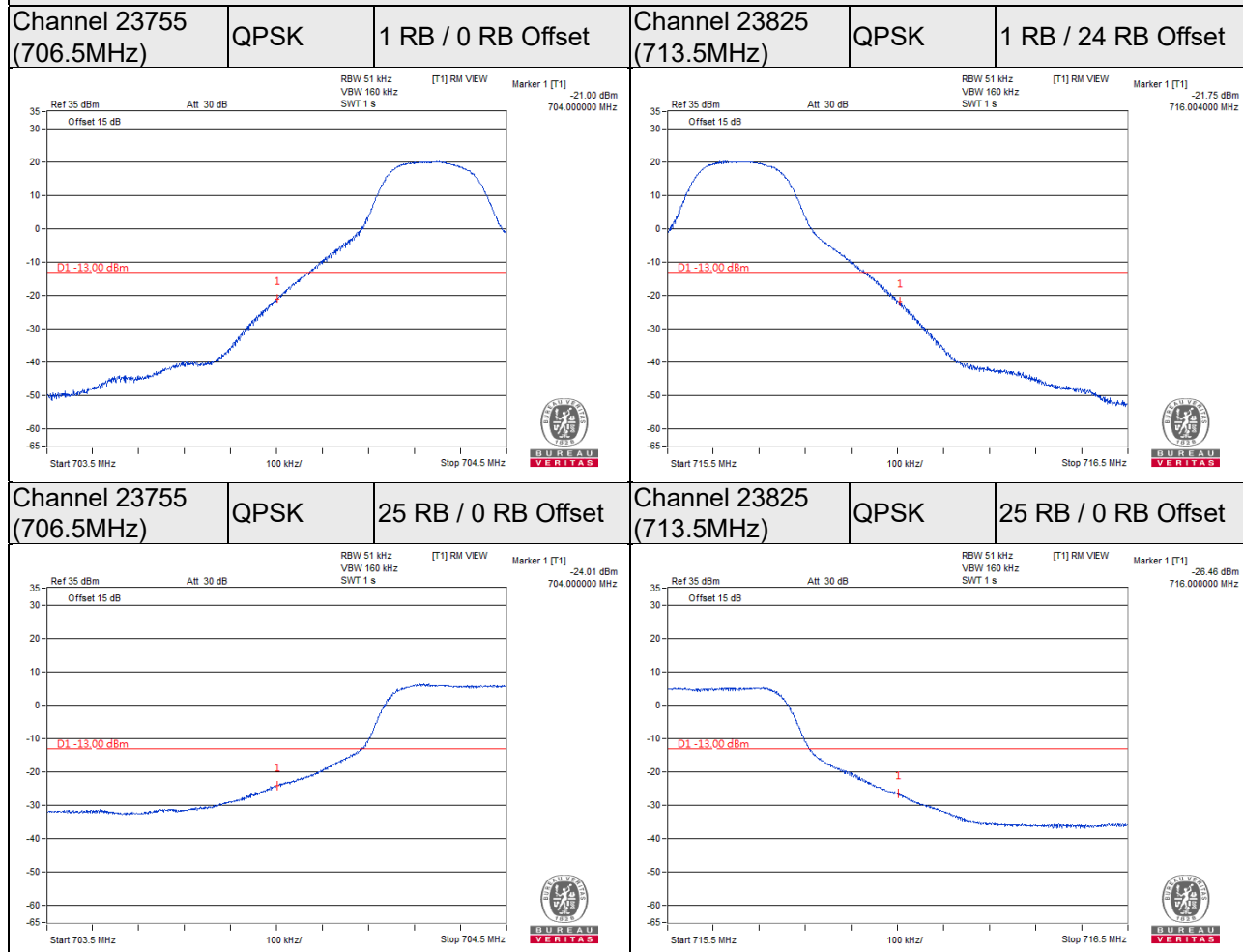
# LTE Band 13, Channel Bandwidth 10MHz



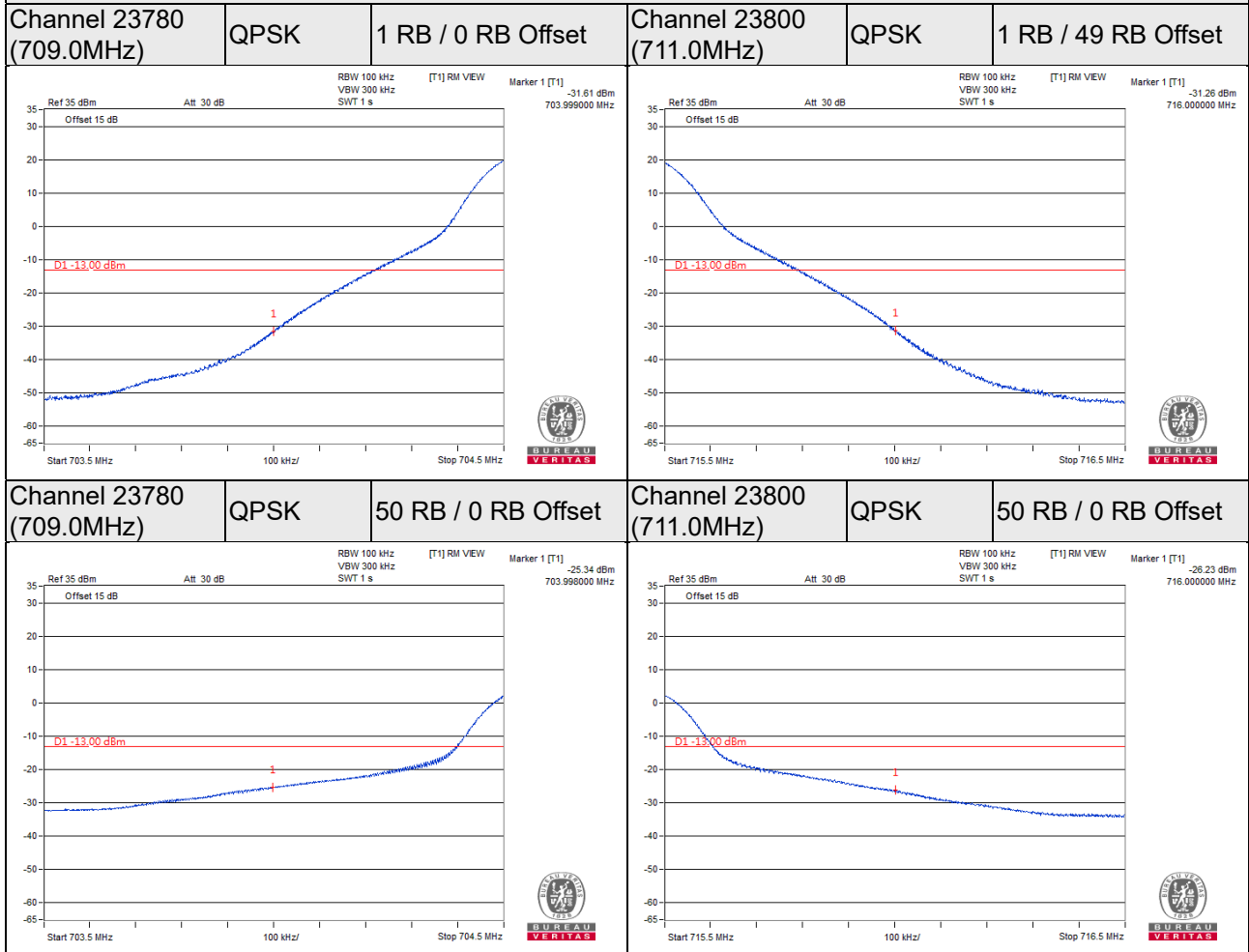
For the 763-775MHz and 793-805MHz band, the FCC limit is  $65+10\log(P[\text{watt}])$  in a 6.25 kHz bandwidth. Since it was not possible to set the resolution bandwidth to 6.25 kHz with the available equipment, a bandwidth of 10 kHz was used instead to show compliance, and the correction factor is compensated at the spectrum. By using a 10 kHz bandwidth on the spectrum analyzer.

## Band Edge

LTE Band 17, Channel Bandwidth 5MHz

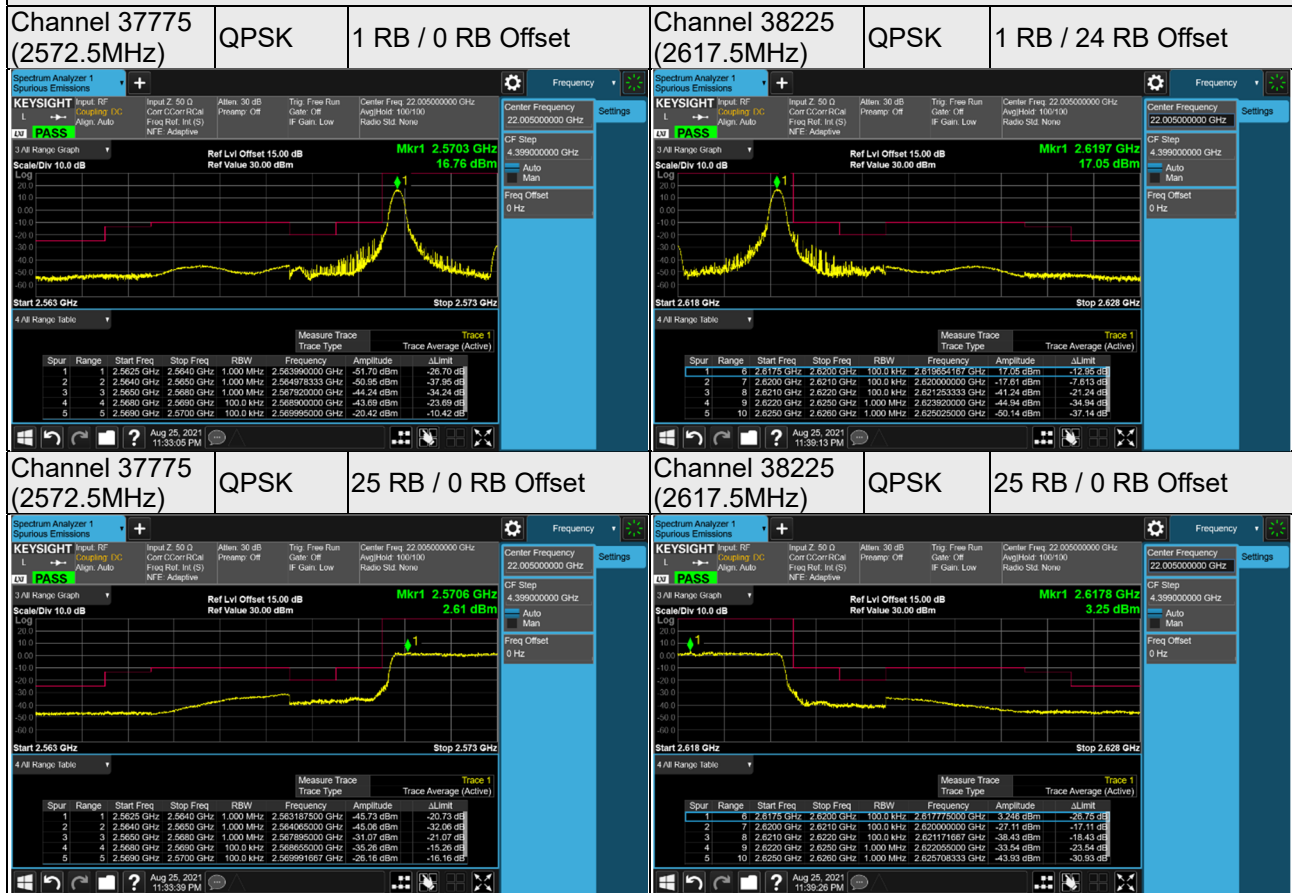


# LTE Band 17, Channel Bandwidth 10MHz



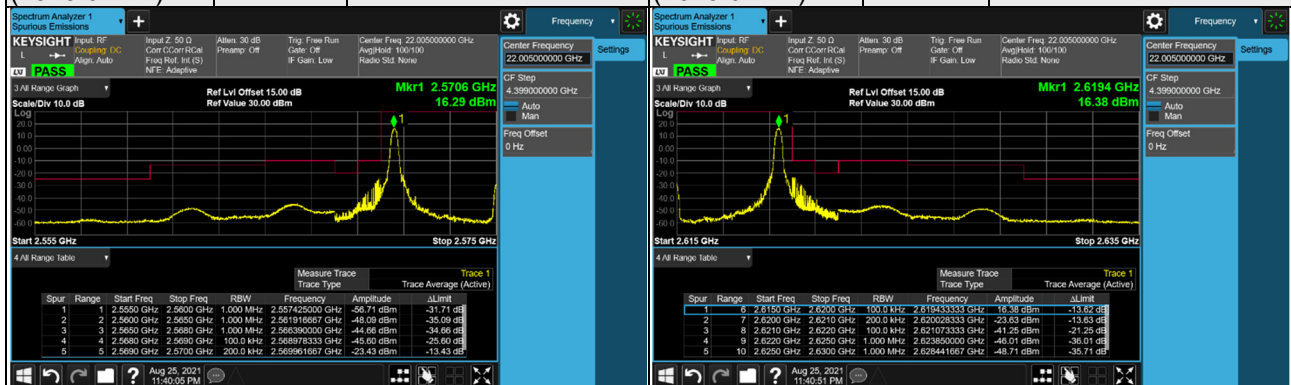
## Out-of-Band Emission

LTE Band 38, Channel Bandwidth 5MHz



# LTE Band 38, Channel Bandwidth 10MHz

|                              |      |                    |                              |      |                     |
|------------------------------|------|--------------------|------------------------------|------|---------------------|
| Channel 37800<br>(2575.0MHz) | QPSK | 1 RB / 0 RB Offset | Channel 38200<br>(2615.0MHz) | QPSK | 1 RB / 49 RB Offset |
|------------------------------|------|--------------------|------------------------------|------|---------------------|



|                              |      |                     |                              |      |                     |
|------------------------------|------|---------------------|------------------------------|------|---------------------|
| Channel 37800<br>(2575.0MHz) | QPSK | 50 RB / 0 RB Offset | Channel 38200<br>(2615.0MHz) | QPSK | 50 RB / 0 RB Offset |
|------------------------------|------|---------------------|------------------------------|------|---------------------|



# LTE Band 38, Channel Bandwidth 15MHz

Channel 37825  
(2577.5MHz)

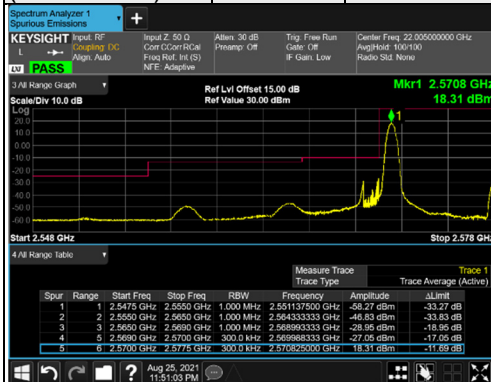
QPSK

1 RB / 0 RB Offset

Channel 38175  
(2612.5MHz)

QPSK

1 RB / 74 RB Offset



Channel 37825  
(2577.5MHz)

QPSK

75 RB / 0 RB Offset

Channel 38175  
(2612.5MHz)

QPSK

75 RB / 0 RB Offset

