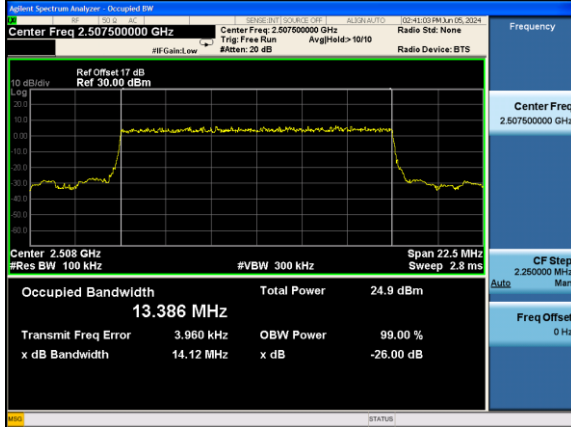
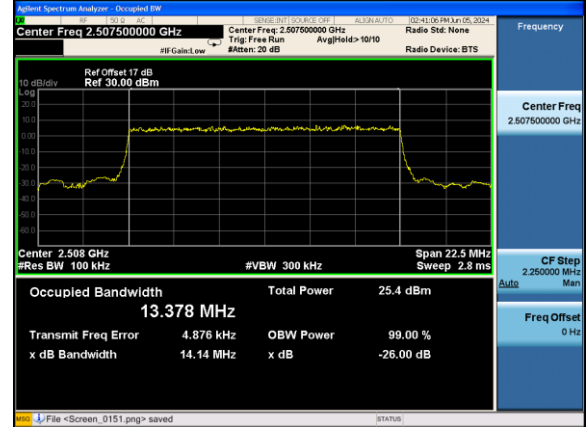


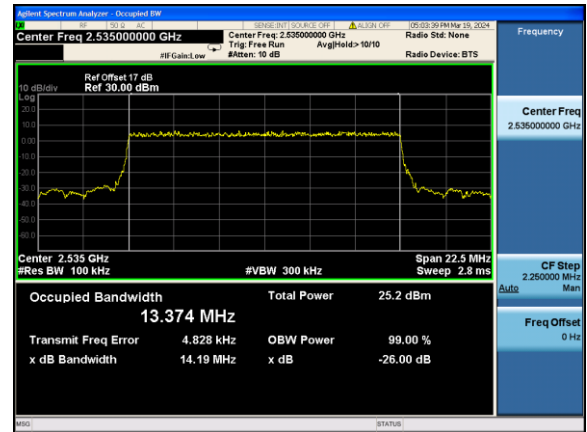
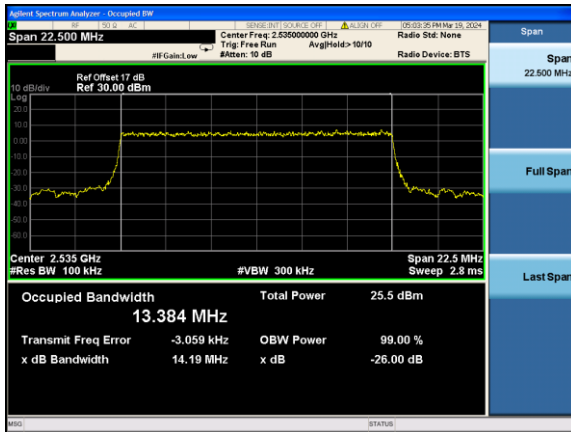
## Test Mode: LTE Band 7 / 15MHz /QPSK



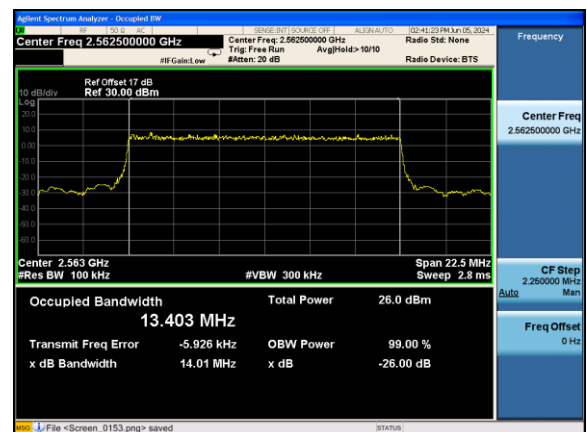
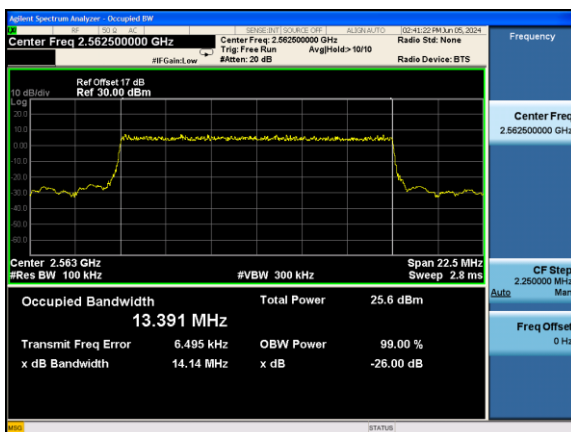
## Test Mode: LTE Band 7 / 15MHz /16-QAM



Lowest channel

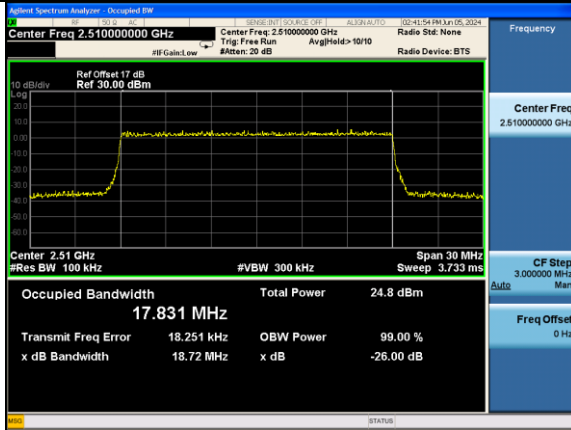


Middle channel

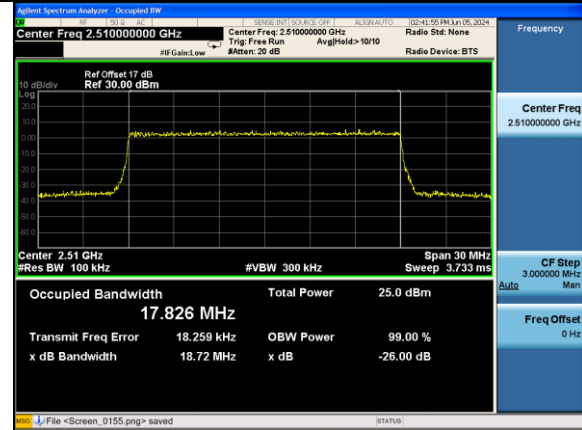


Highest channel

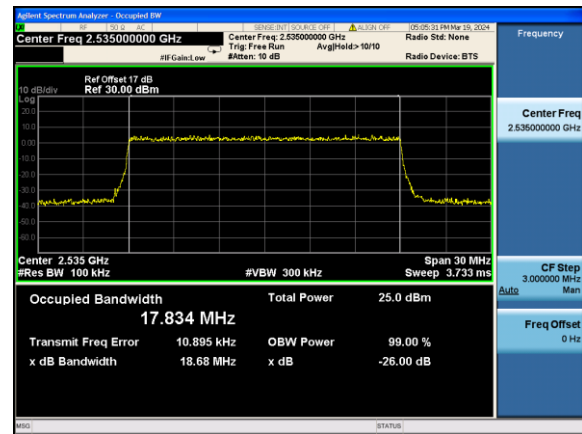
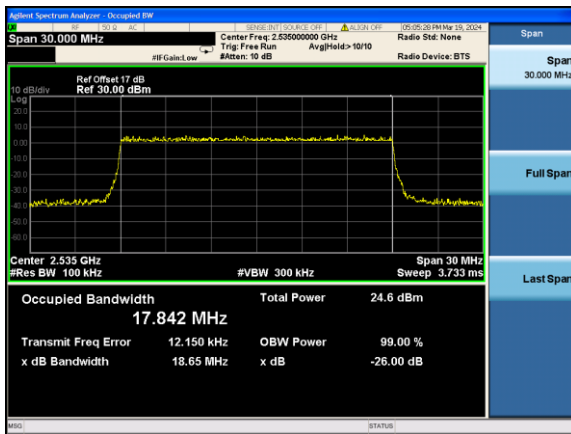
## Test Mode: LTE Band 7 / 20MHz /QPSK



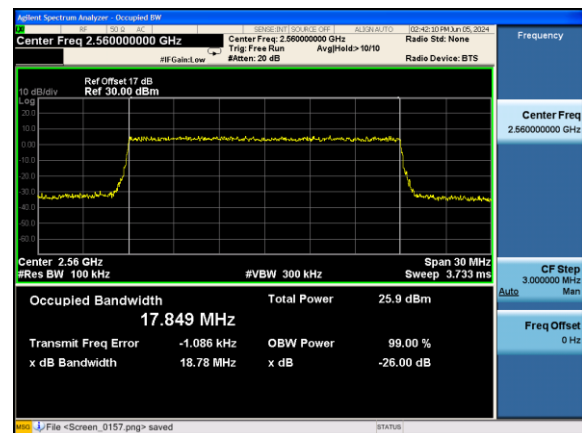
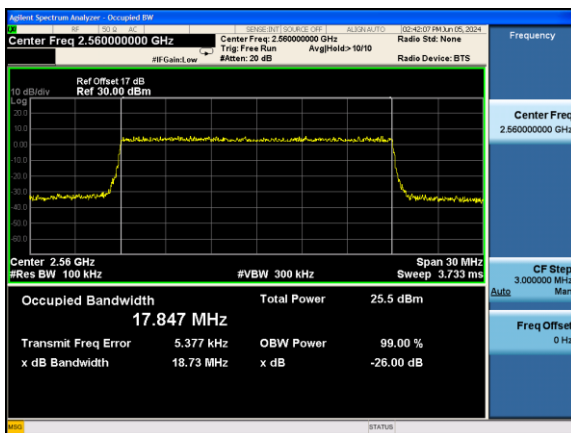
## Test Mode: LTE Band 7 / 20MHz /16-QAM



Lowest channel

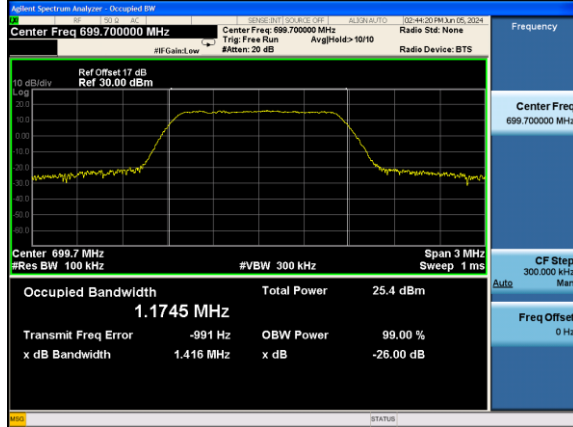


Middle channel

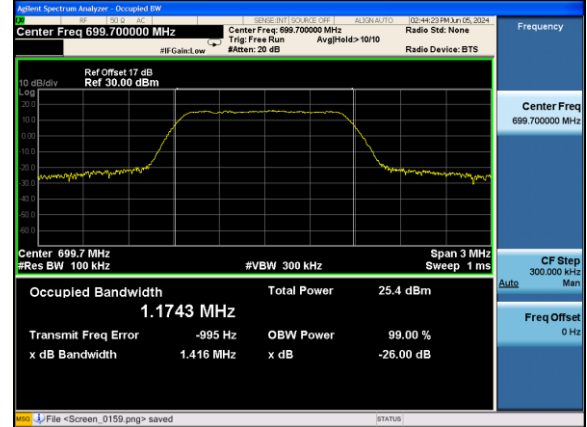


Highest channel

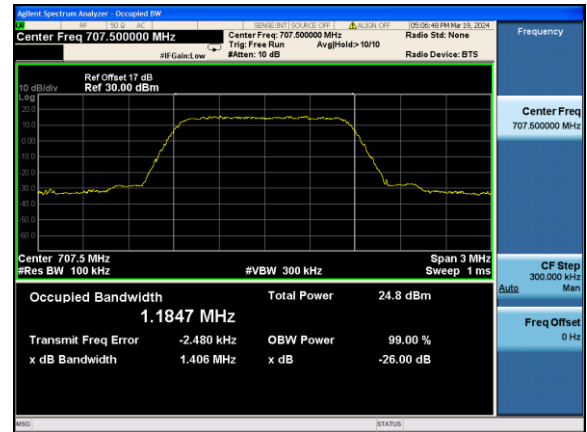
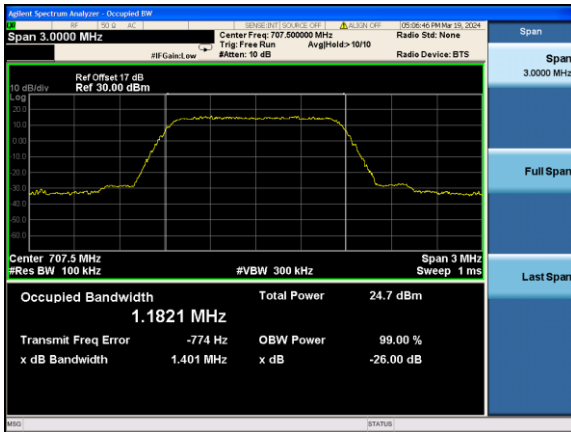
## Test Mode: LTE Band 12 / 1.4MHz /QPSK



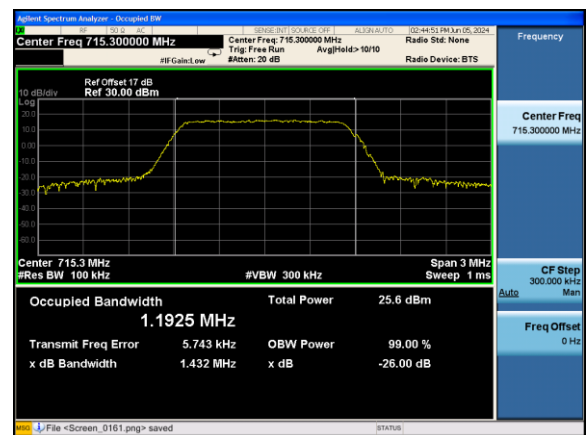
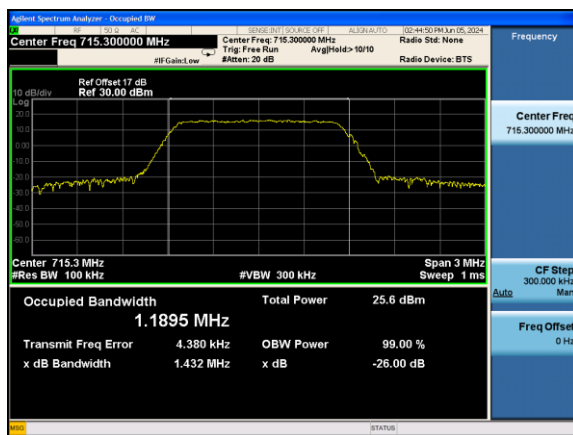
## Test Mode: LTE Band 12 / 1.4MHz /16-QAM



Lowest channel

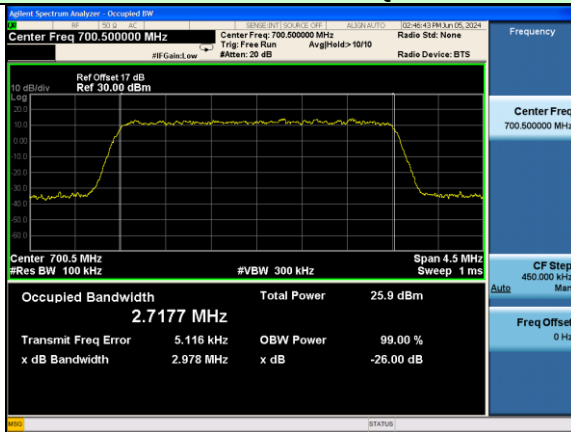


Middle channel

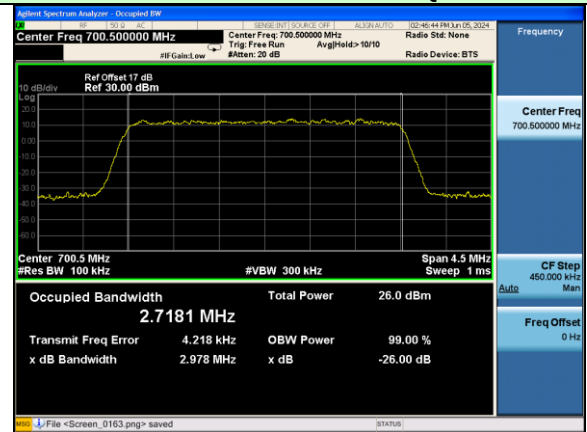


Highest channel

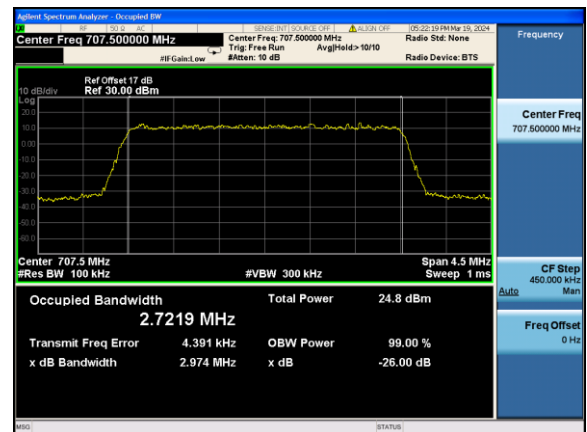
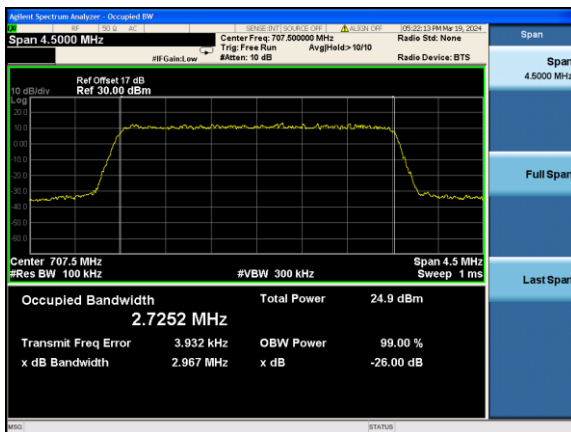
## Test Mode: LTE Band 12 / 3MHz /QPSK



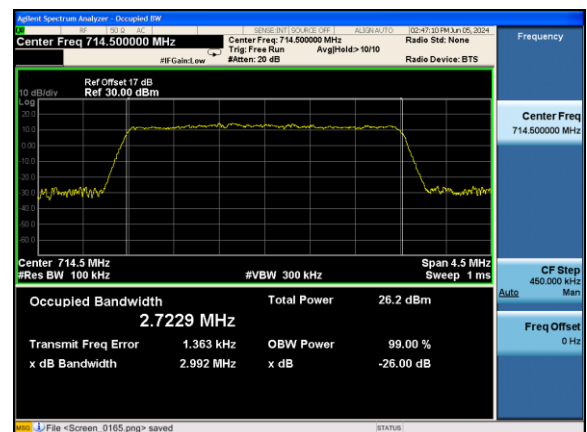
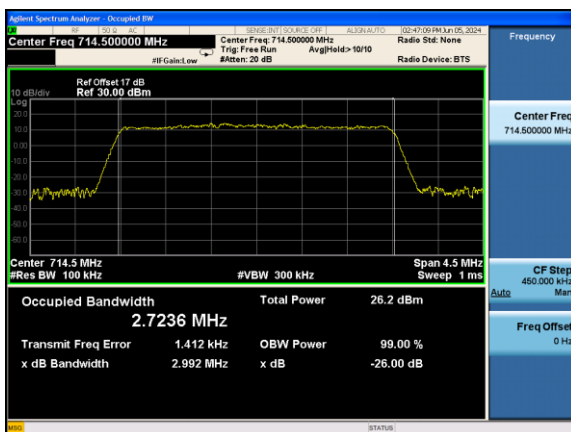
## Test Mode: LTE Band 12 / 3MHz /16-QAM



Lowest channel

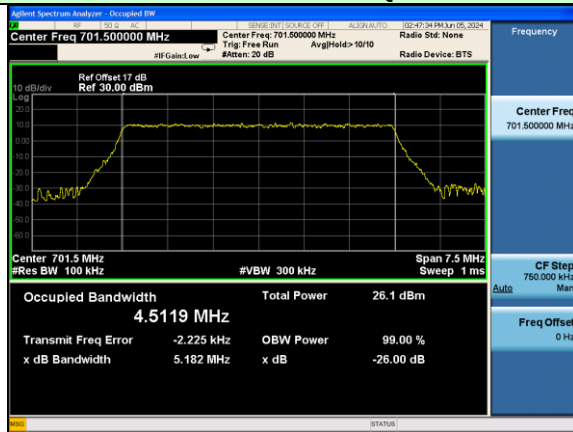


Middle channel

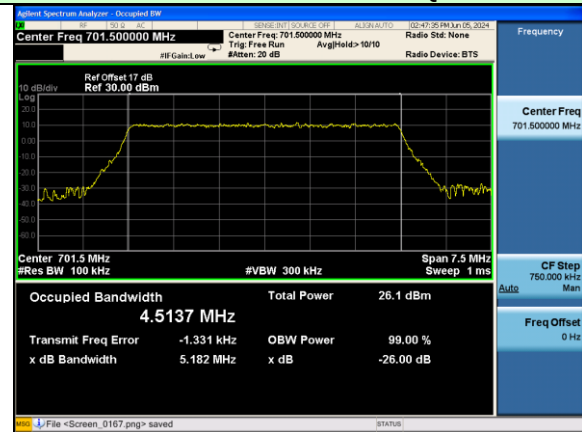


Highest channel

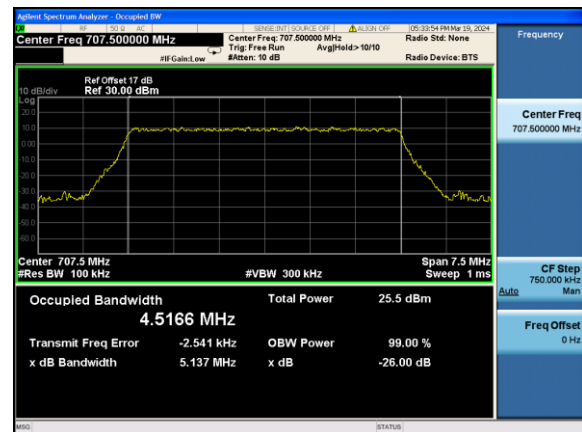
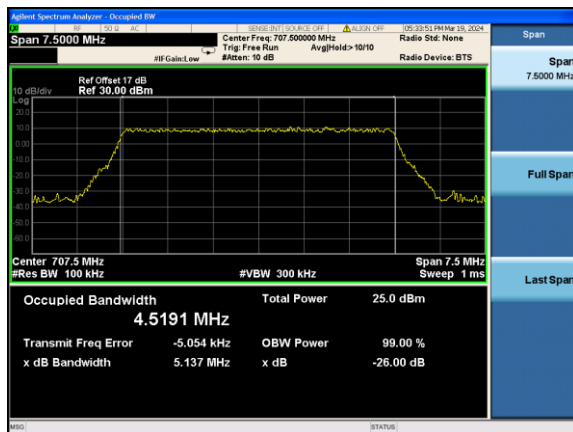
## Test Mode: LTE Band 12 / 5MHz /QPSK



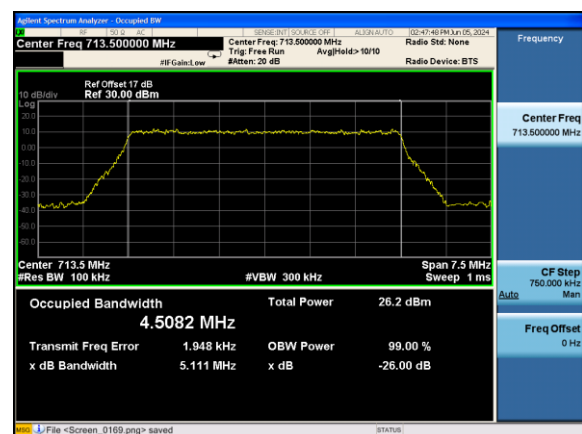
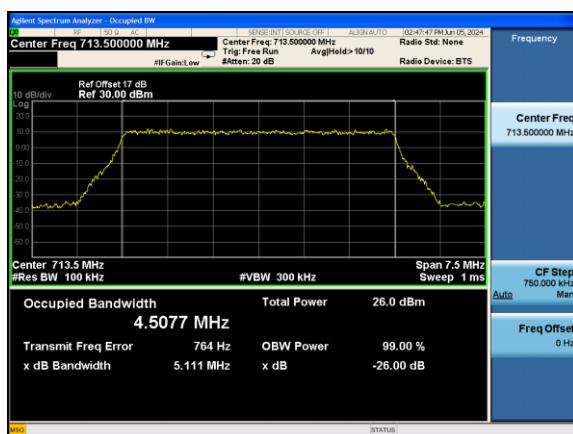
## Test Mode: LTE Band 12 / 5MHz /16-QAM



Lowest channel

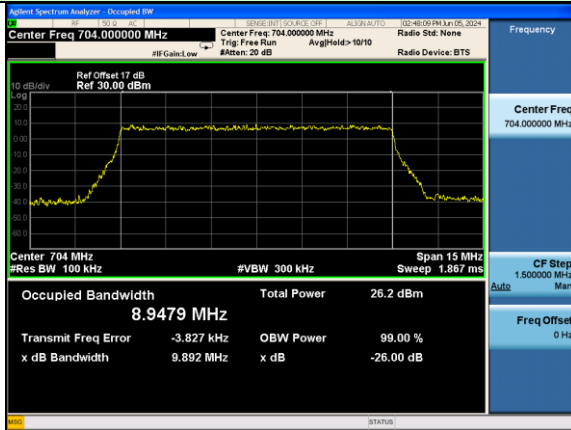


Middle channel

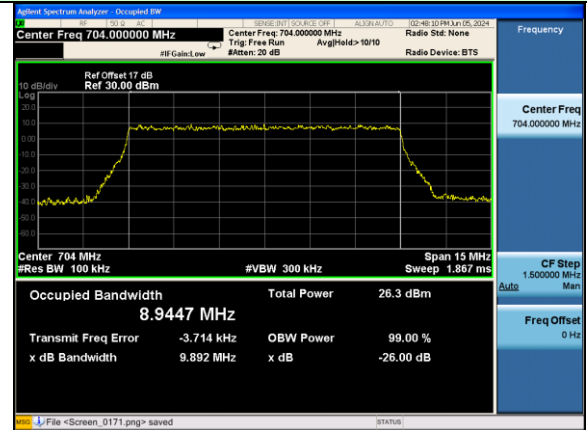


Highest channel

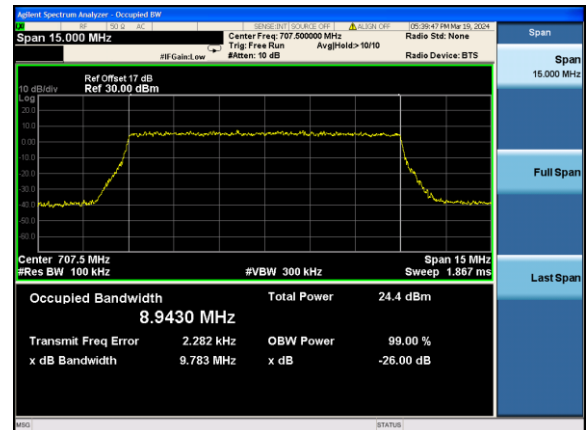
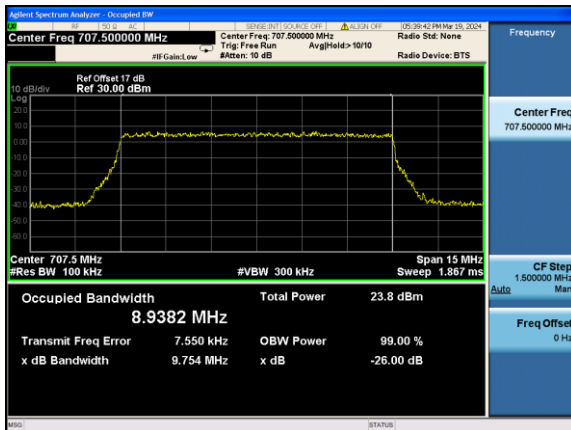
## Test Mode: LTE Band 12 / 10MHz /QPSK



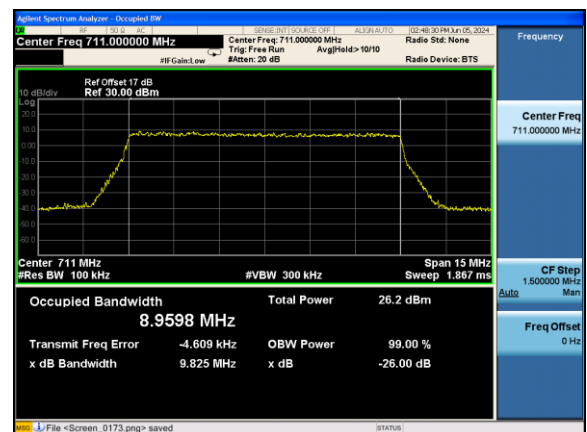
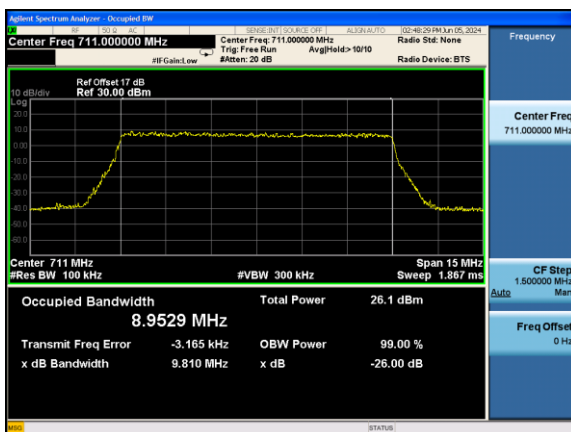
## Test Mode: LTE Band 12 / 10MHz /16-QAM



Lowest channel

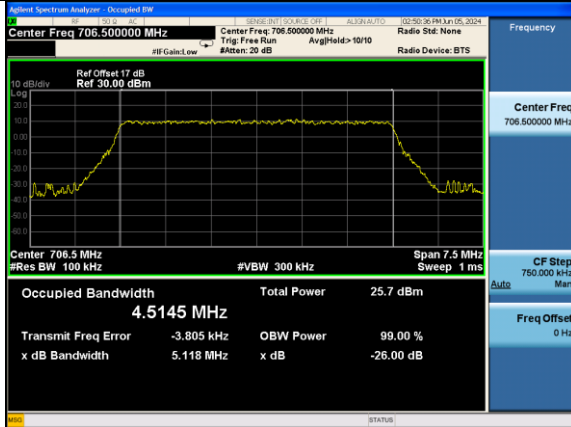


Middle channel

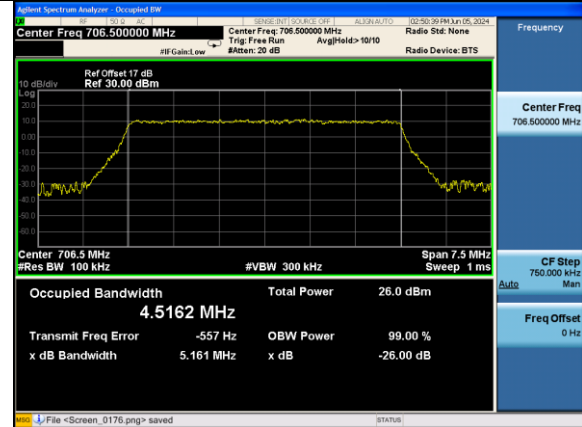


Highest channel

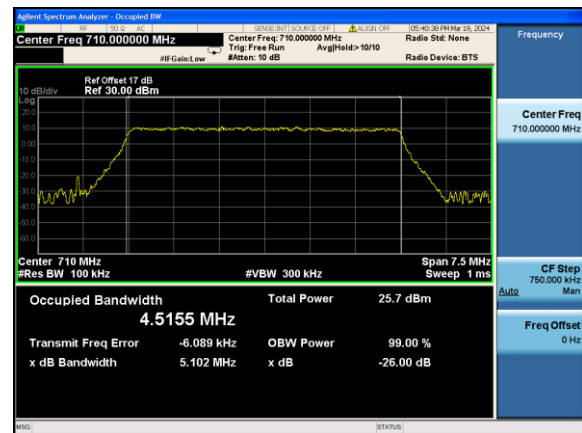
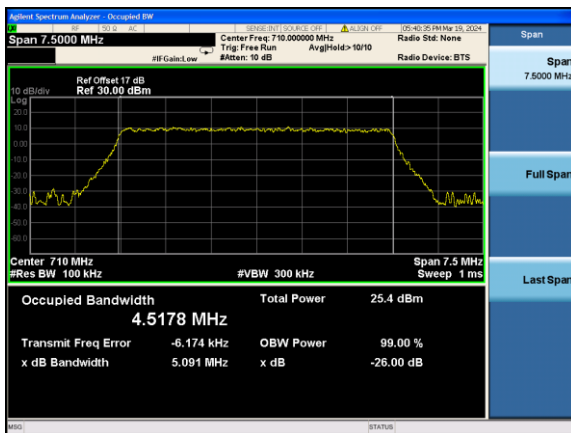
## Test Mode: LTE Band 17 / 5MHz /QPSK



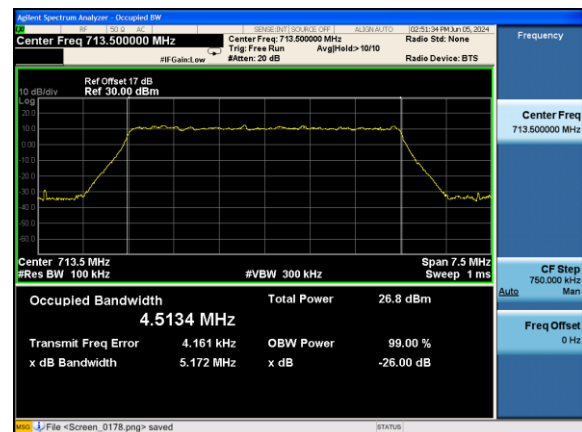
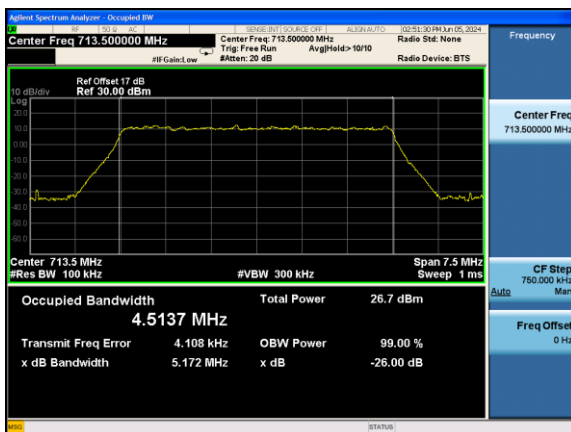
## Test Mode: LTE Band 17 / 5MHz /16-QAM



Lowest channel

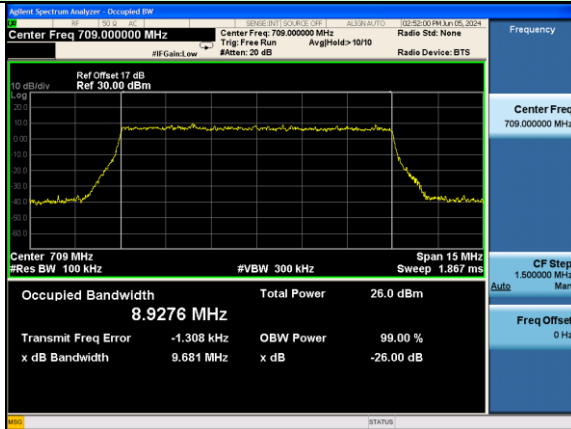


Middle channel

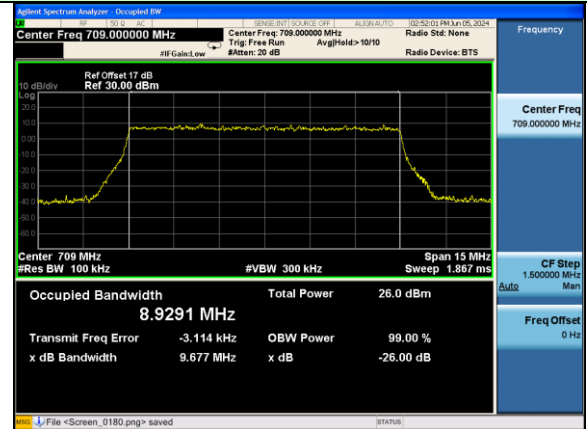


Highest channel

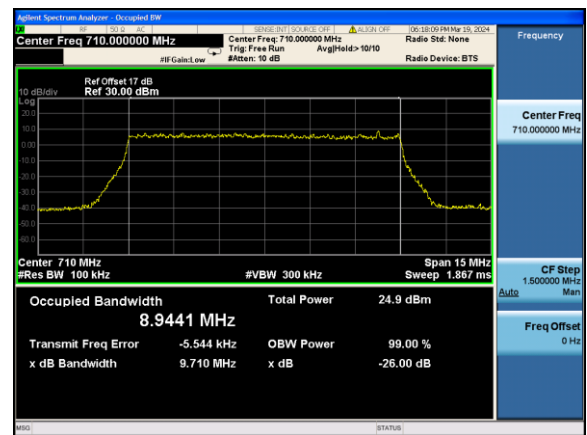
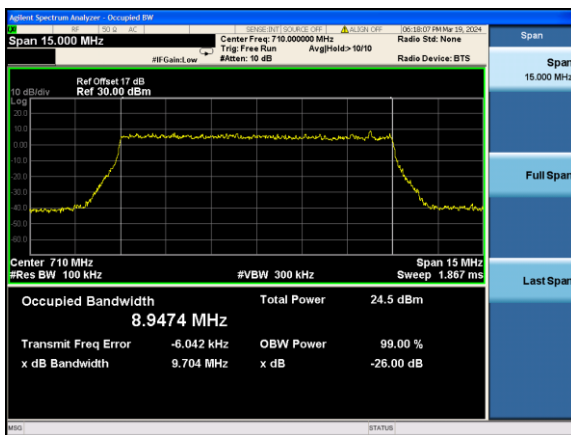
## Test Mode: LTE Band 17 / 10MHz /QPSK



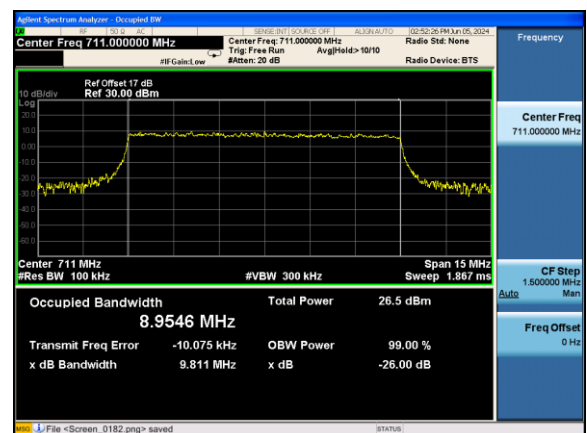
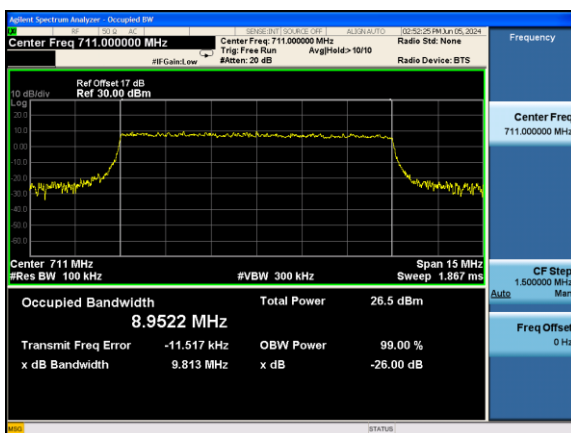
## Test Mode: LTE Band 17 / 10MHz /16-QAM



Lowest channel

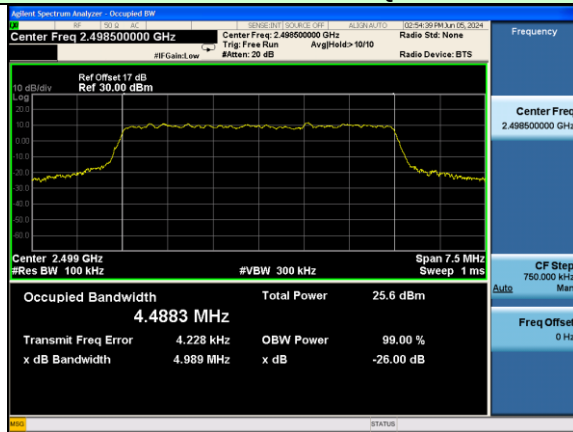


Middle channel

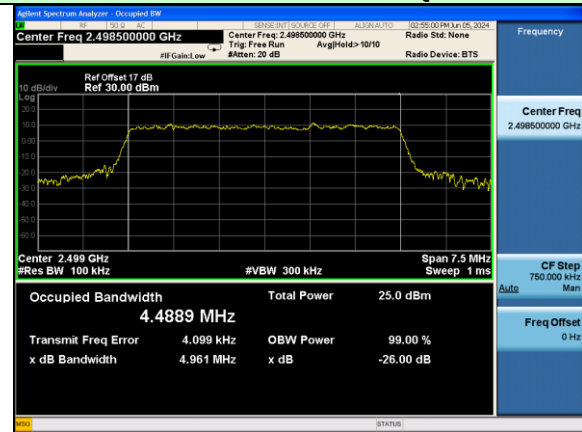


Highest channel

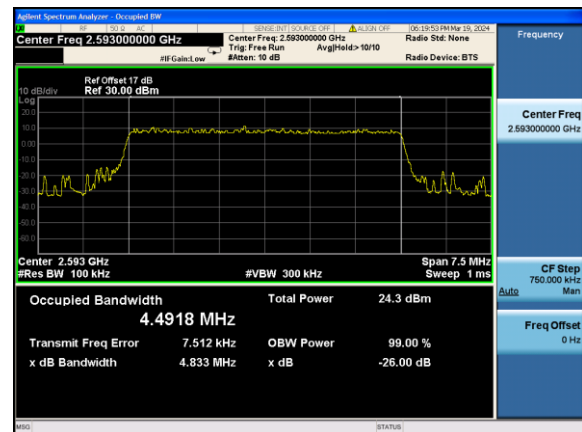
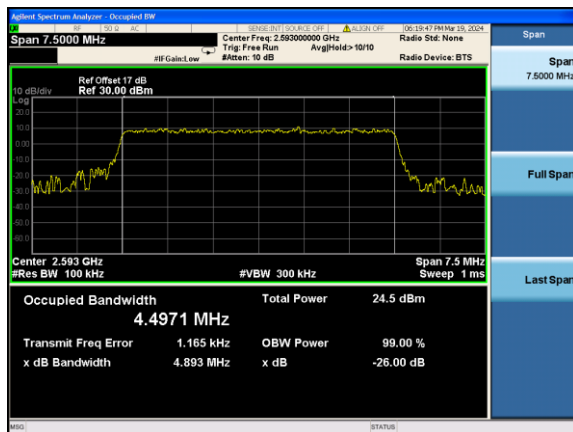
## Test Mode: LTE Band 41 / 5MHz /QPSK



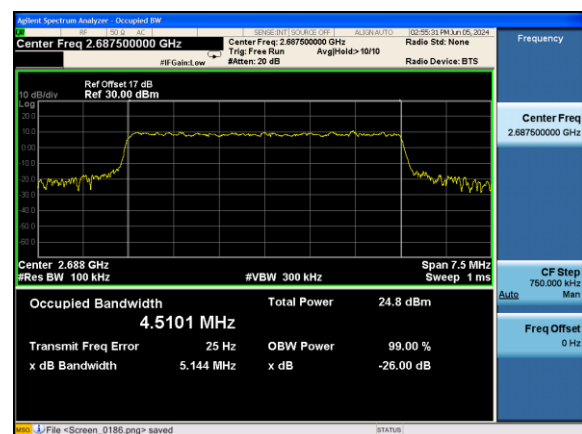
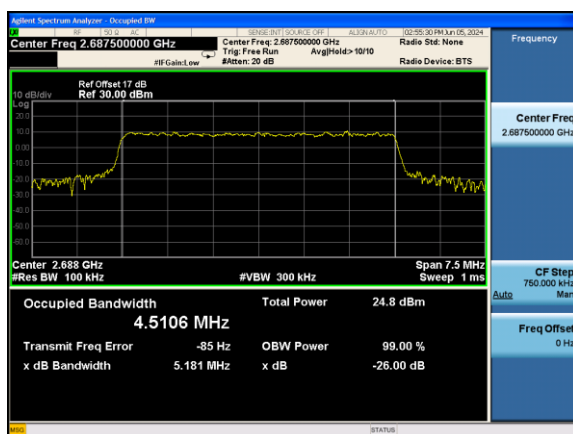
## Test Mode: LTE Band 41/ 5MHz /16-QAM



Lowest channel

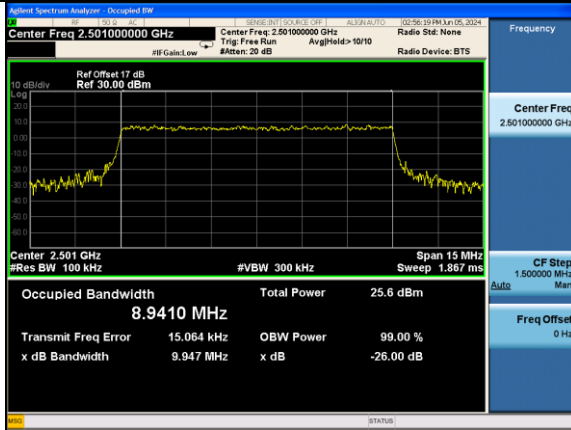


Middle channel

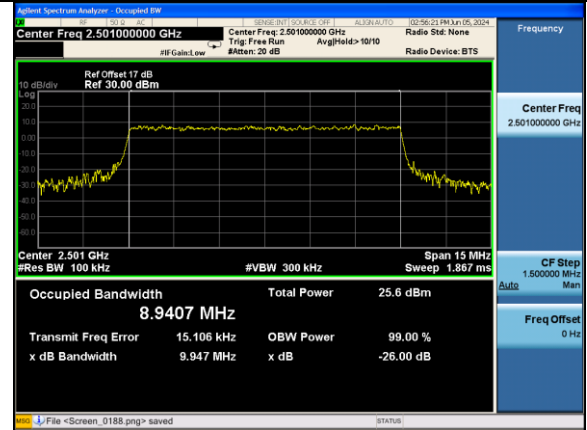


Highest channel

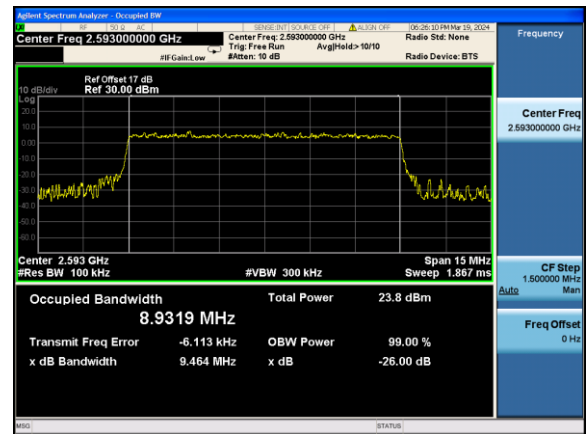
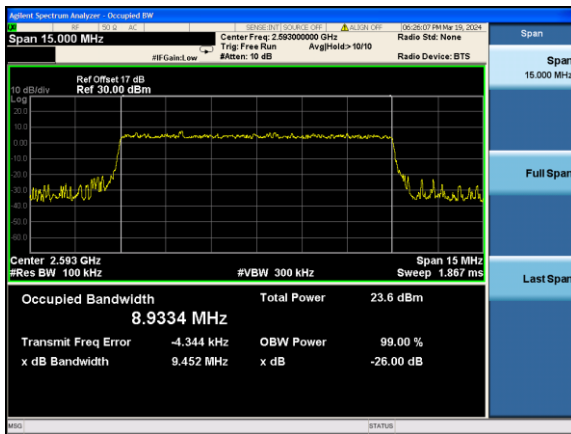
## Test Mode: LTE Band 41/ 10MHz /QPSK



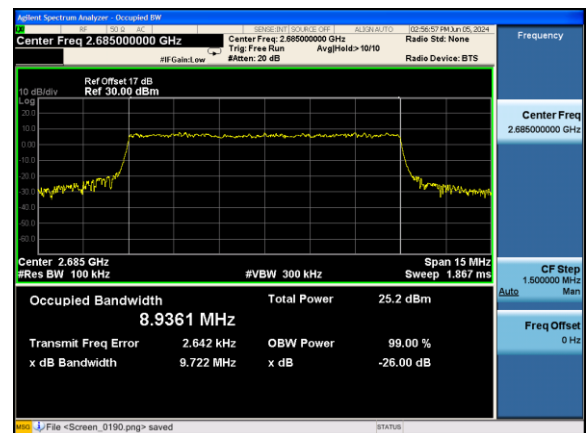
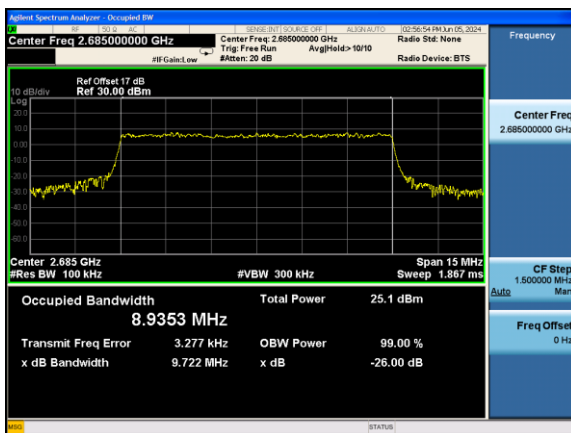
## Test Mode: LTE Band 41 / 10MHz /16-QAM



Lowest channel

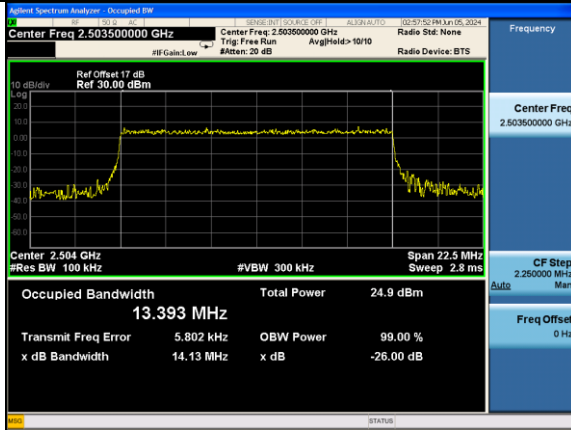


Middle channel

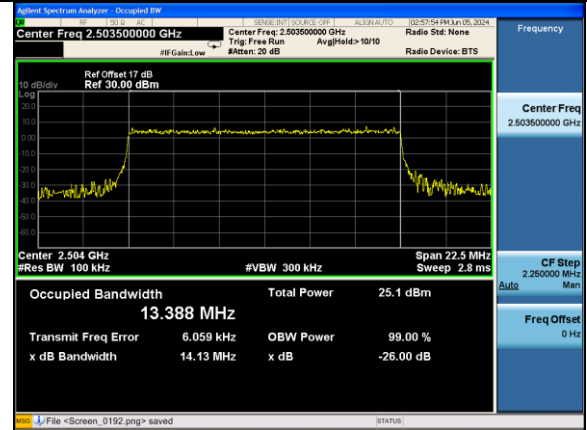


Highest channel

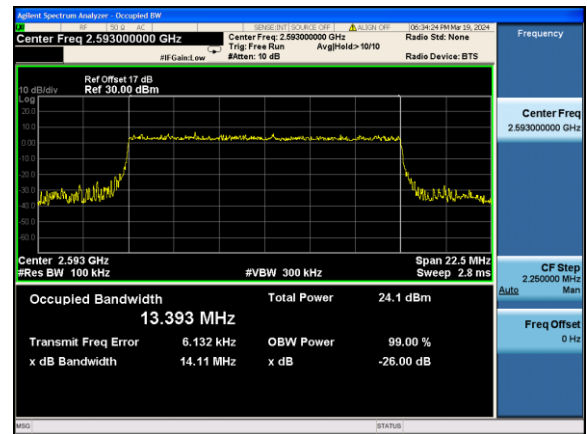
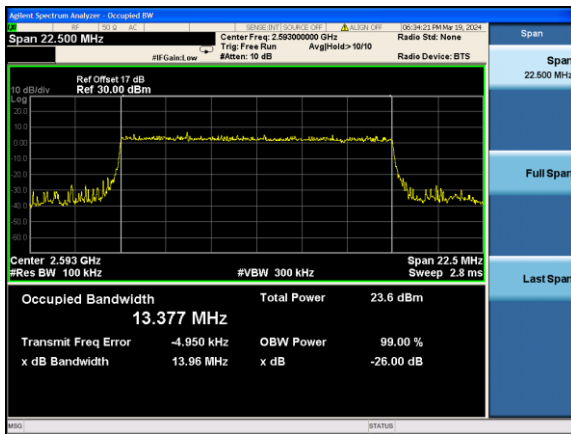
## Test Mode: LTE Band 41/ 15MHz /QPSK



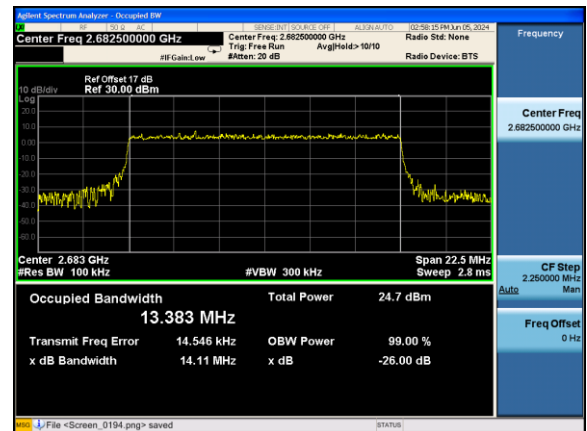
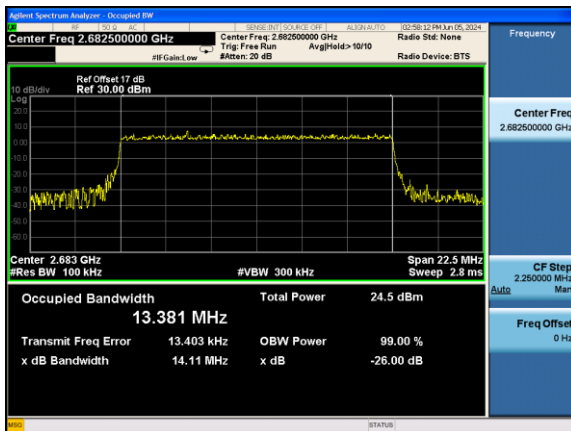
## Test Mode: LTE Band 41 / 15MHz /16-QAM



Lowest channel

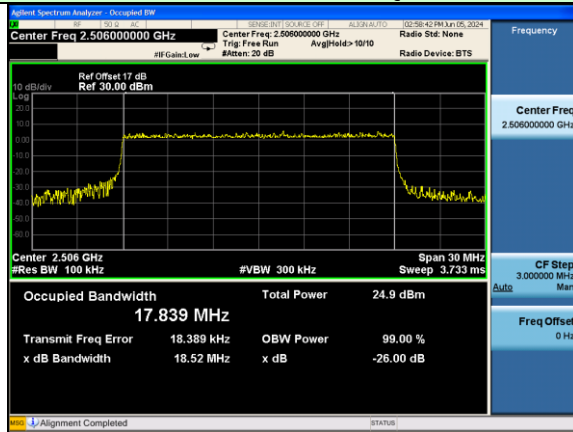


Middle channel

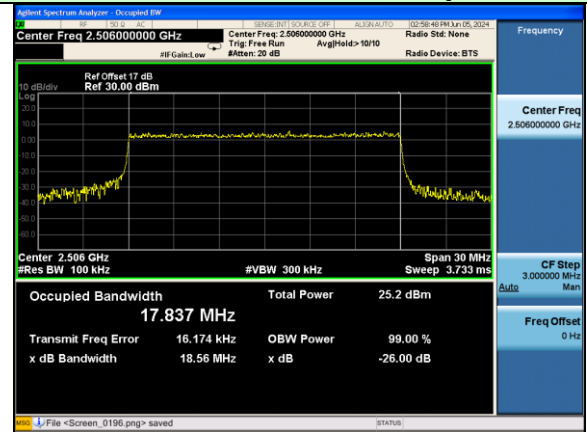


Highest channel

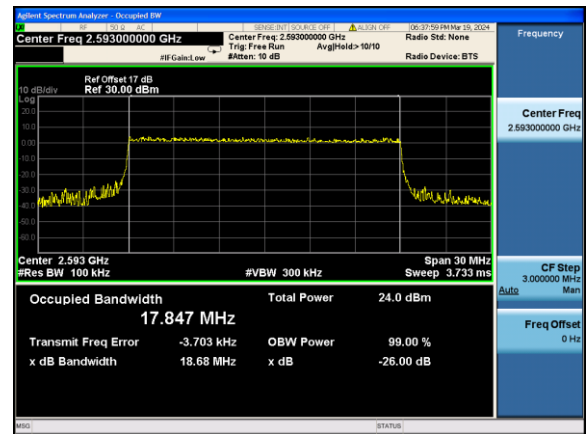
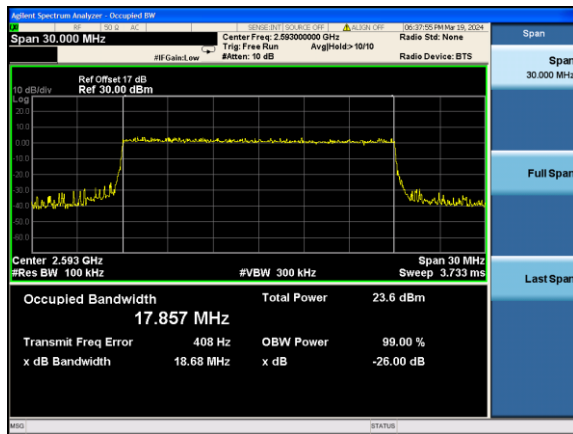
## Test Mode: LTE Band 41/ 20MHz /QPSK



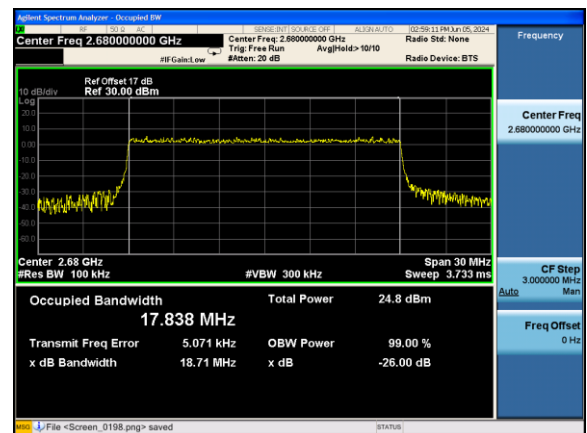
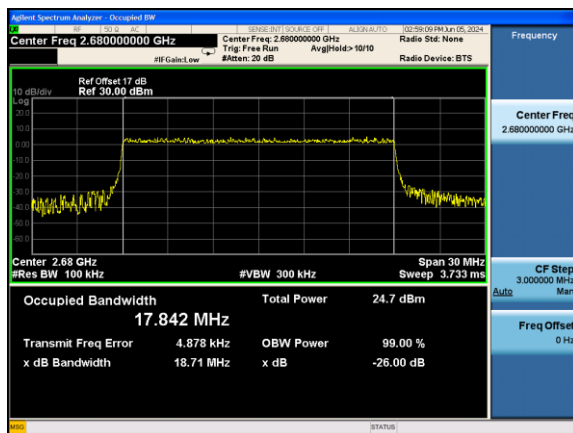
## Test Mode: LTE Band 41 / 20MHz /16-QAM



Lowest channel



Middle channel

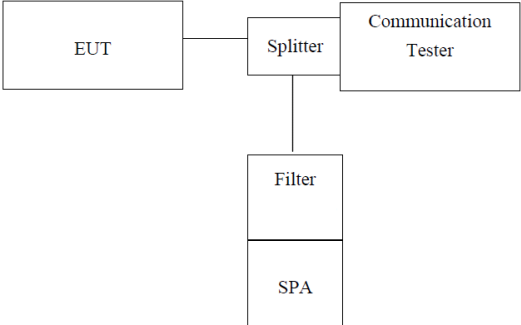


Highest channel

#### 4.6 MODULATION CHARACTERISTIC

According to FCC § 2.1047(d), Part 24E & Part 27 there is no specific requirement for digital modulation, therefore modulation characteristic is not presented.

#### 4.7 Out of band emission at antenna terminals

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Requirement: | FCC part22.913(a), FCC part24.238(a), FCC part27.53(h) and FCC part27.53(m)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Test Method:      | ANSI C63.26:2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Limit:            | -13dBm<br>Band 7/41: -25dBm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Test setup:       |  <p><i>Note: Measurement setup for testing on Antenna connector</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Test Procedure:   | <ol style="list-style-type: none"> <li>1 The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation.</li> <li>2 The resolution bandwidth of the spectrum analyzer was set at 1MHz, sufficient scans were taken to show the out of band Emissions if any up to 10th harmonic.</li> <li>3 For the out of band: Set the RBW=1MHz, VBW = 3MHz, Start=30MHz, Stop= 10th harmonic.</li> <li>4 Band Edge Requirements: In the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 1 percent of the emission bandwidth of the fundamental emission of the transmitter may be employed to measure the out of band Emissions.</li> </ol> |
| Test Instruments: | Refer to section 3 for details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Test mode:        | Refer to section 4.1 for details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Test results:     | Pass                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

Test plot as follows: