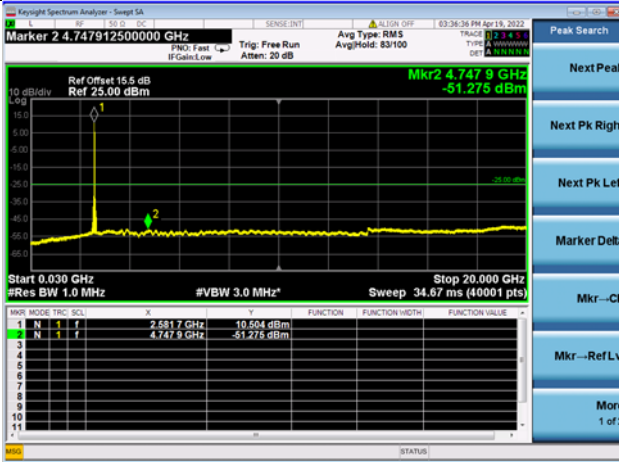
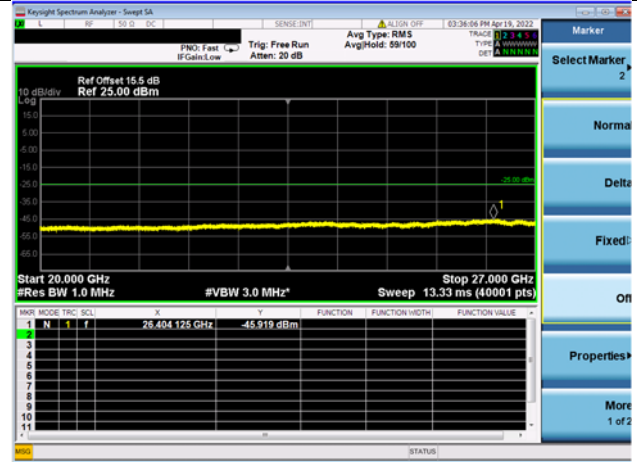




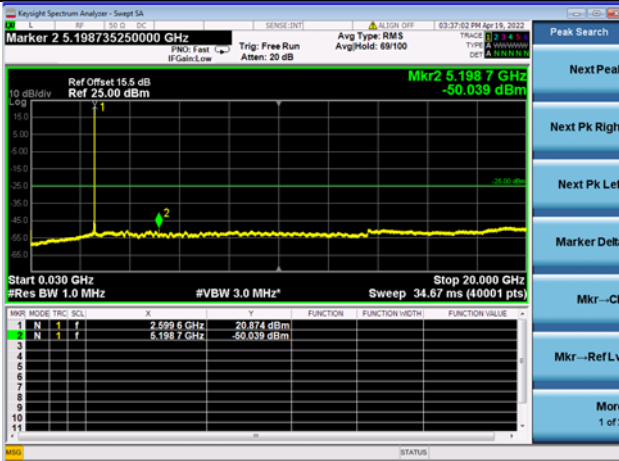
Mid CH/QPSK/1RB0 and 1RB24



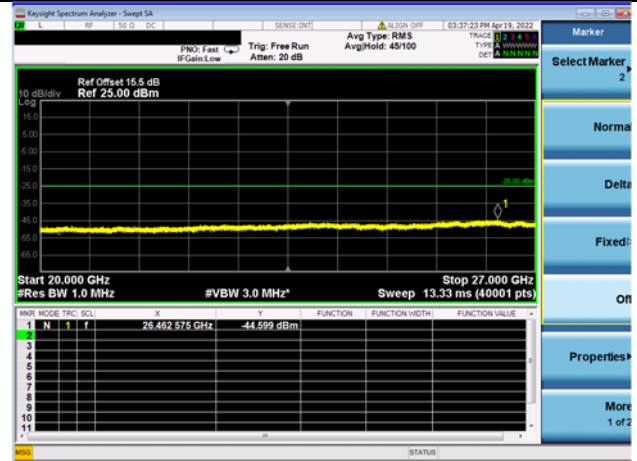
Mid CH/QPSK/1RB0 and 1RB24



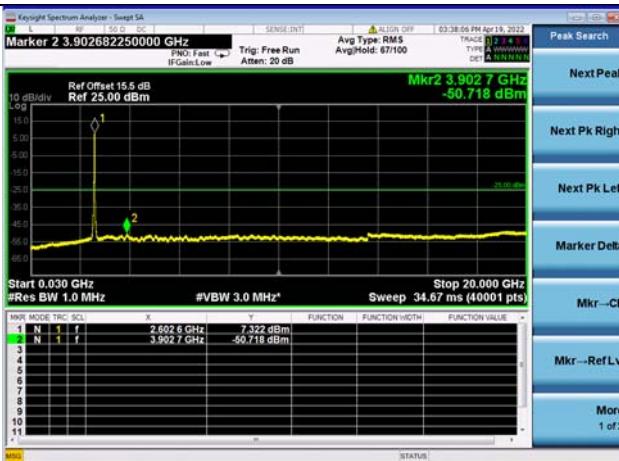
Mid CH/QPSK/1RB99 and 1RB0



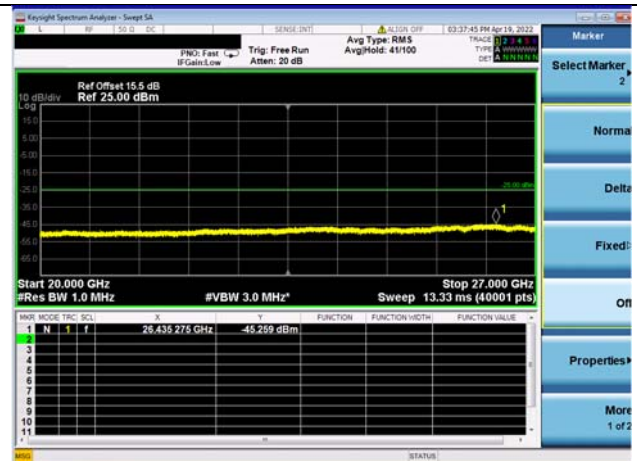
Mid CH/QPSK/1RB99 and 1RB0



Mid CH/QPSK/FULL RB

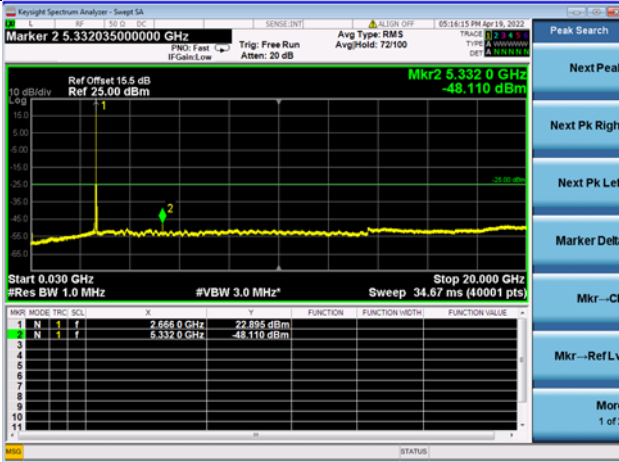


Mid CH/QPSK/FULL RB

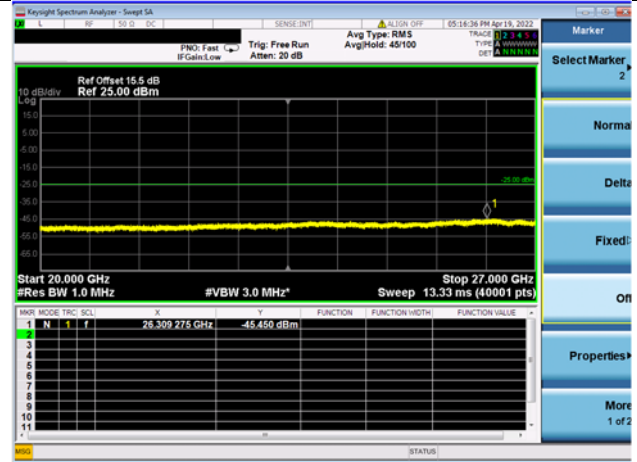




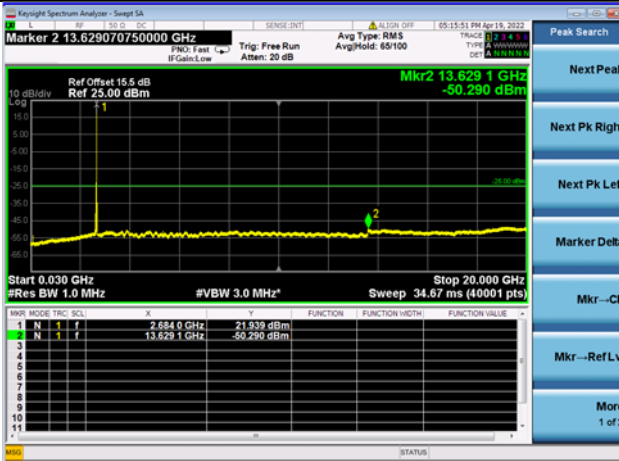
High CH/QPSK/1RB0 and 1RB24



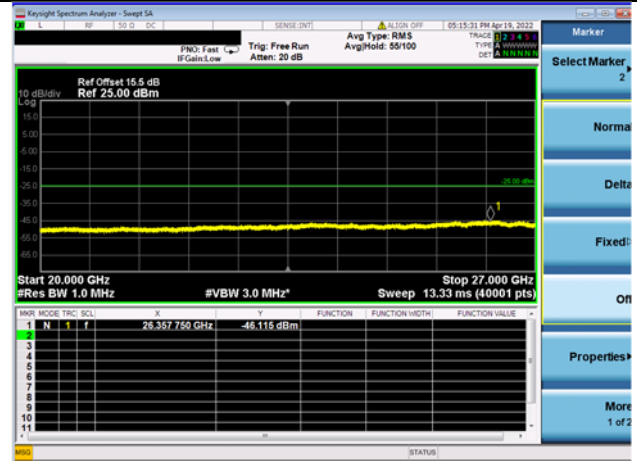
High CH/QPSK/1RB0 and 1RB24



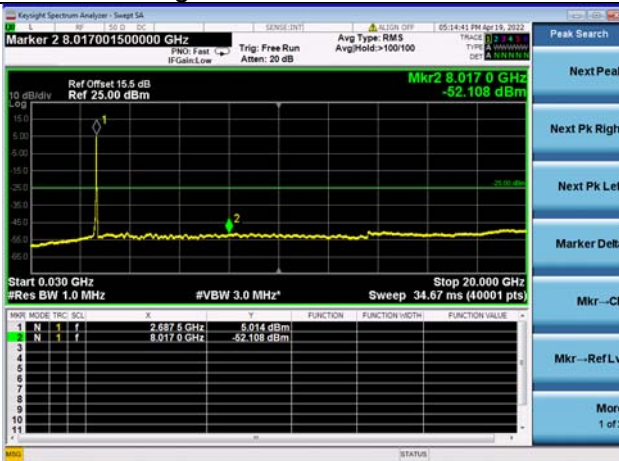
High CH/QPSK/1RB99 and 1RB0



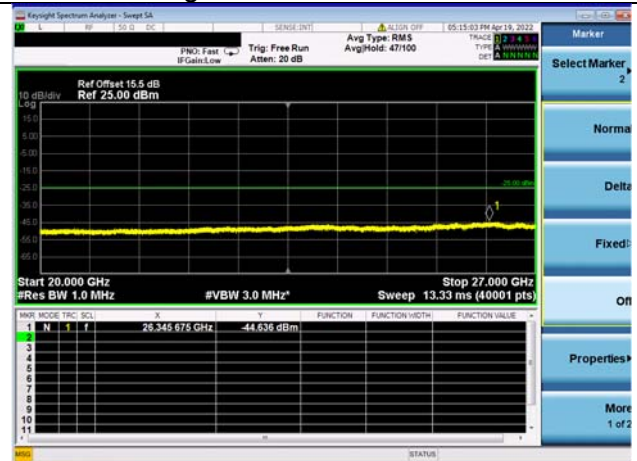
High CH/QPSK/1RB99 and 1RB0



High CH/QPSK/FULL RB



High CH/QPSK/FULL RB



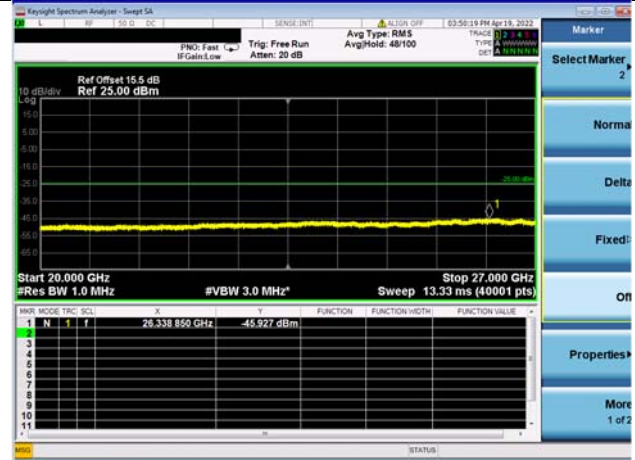
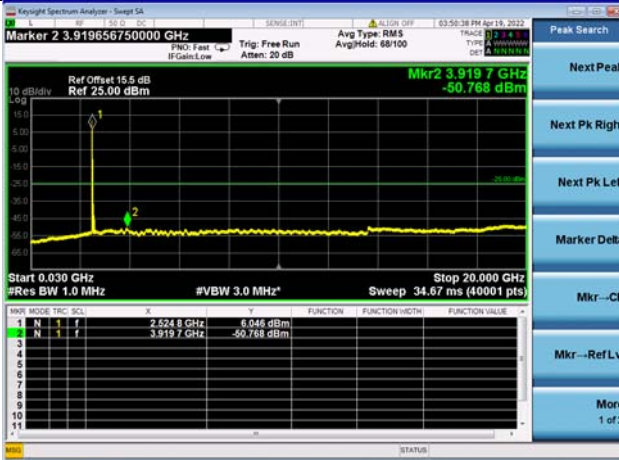


LTE CA 41C CSE

Channel Bandwidth: 20MHz+10MHz

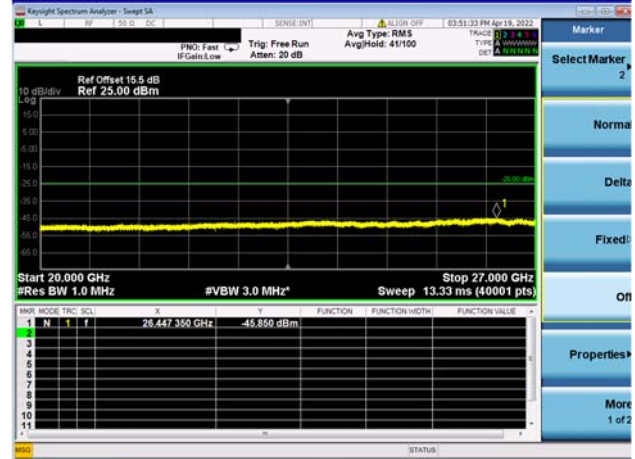
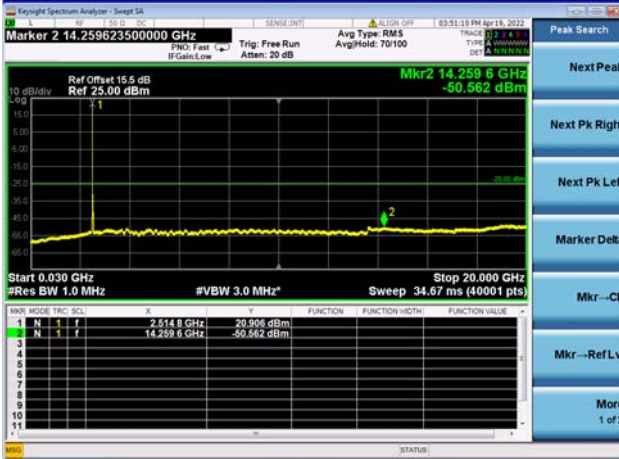
LOW CH/QPSK/1RB0 and 1RB49

LOW CH/QPSK/1RB0 and 1RB49



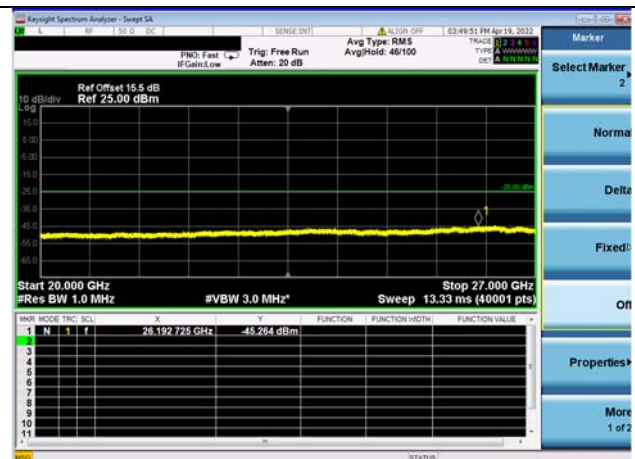
LOW CH/QPSK/1RB99 and 1RB0

LOW CH/QPSK/1RB99 and 1RB0



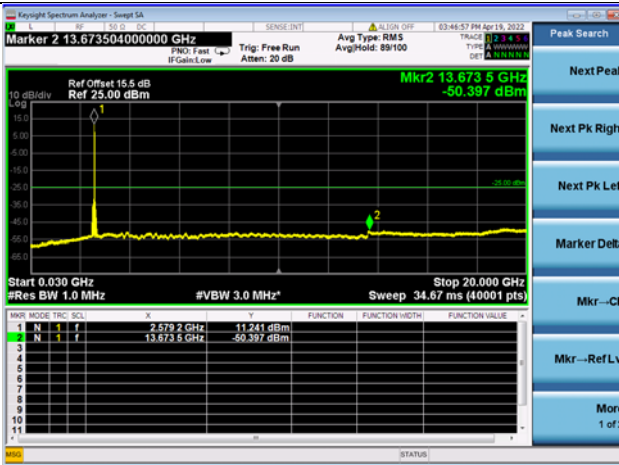
LOW CH/QPSK/FULL RB

LOW CH/QPSK/FULL RB

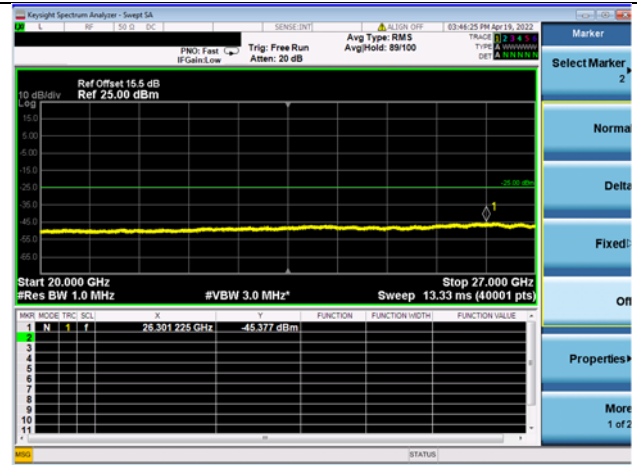




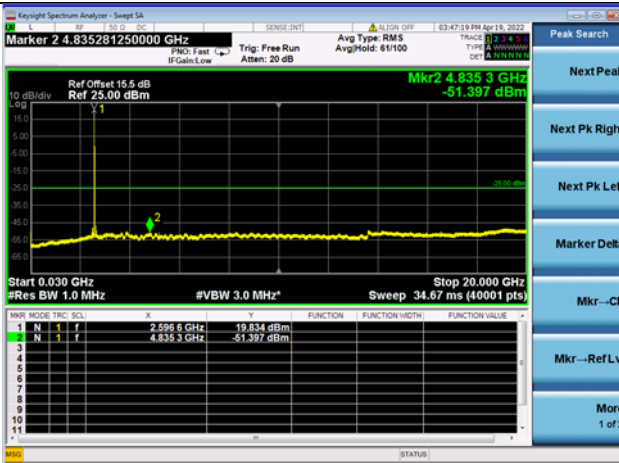
Mid CH/QPSK/1RB0 and 1RB49



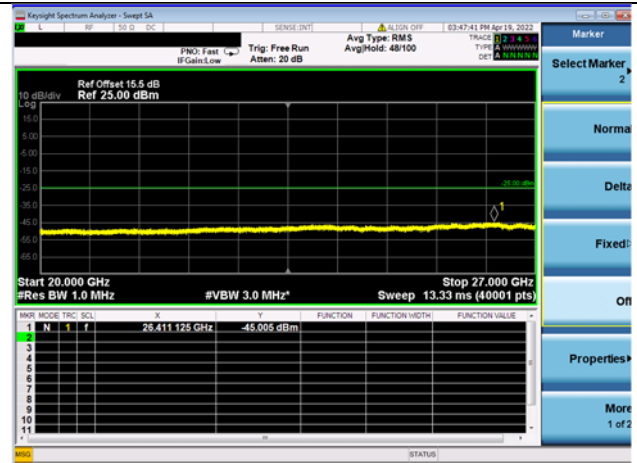
Mid CH/QPSK/1RB0 and 1RB49



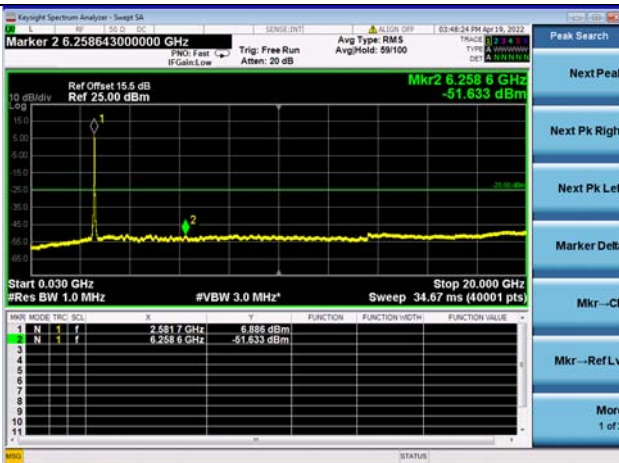
Mid CH/QPSK/1RB99 and 1RB0



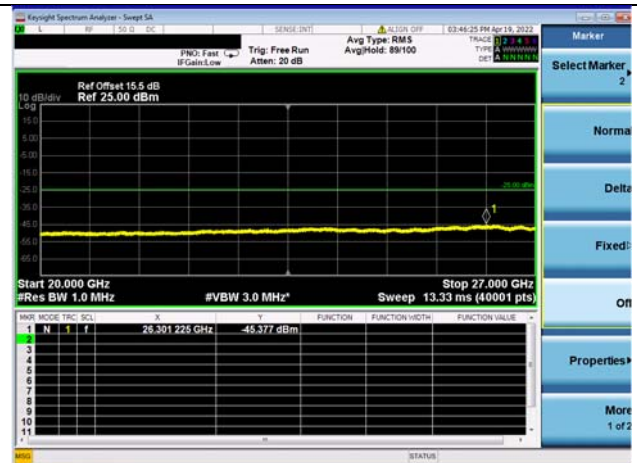
Mid CH/QPSK/1RB99 and 1RB0



Mid CH/QPSK/FULL RB

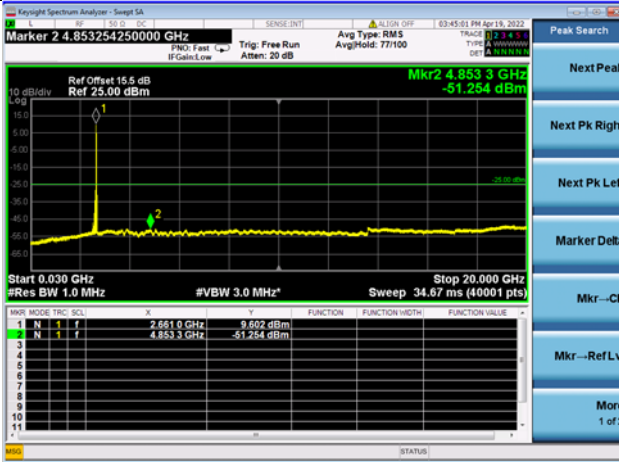


Mid CH/QPSK/FULL RB

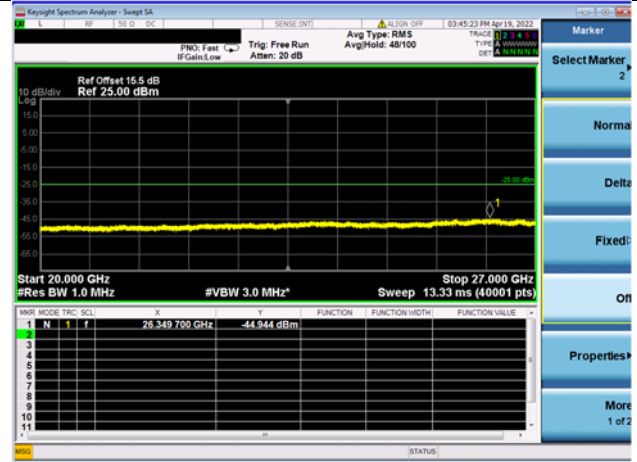




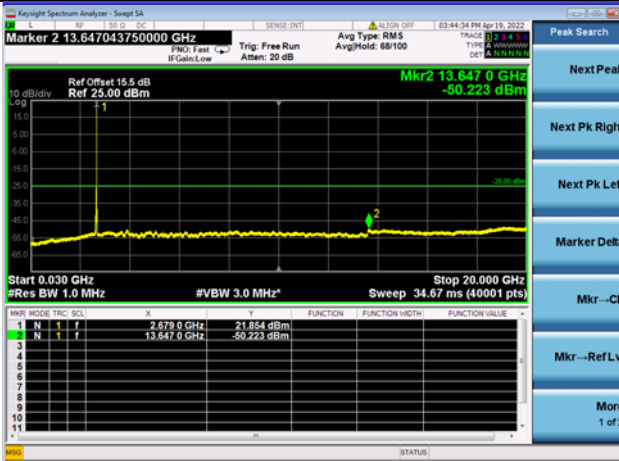
High CH/QPSK/1RB0 and 1RB49



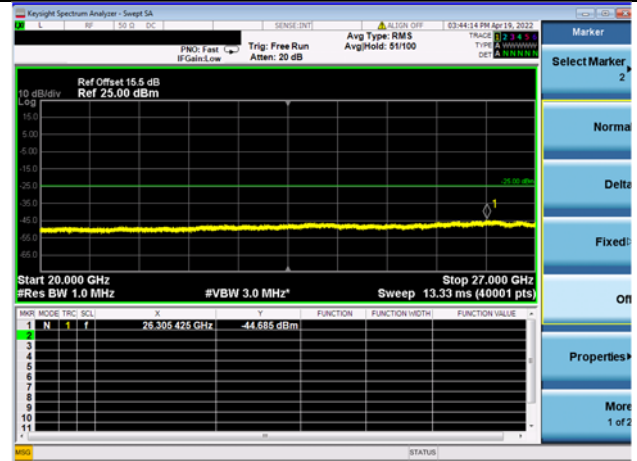
High CH/QPSK/1RB0 and 1RB49



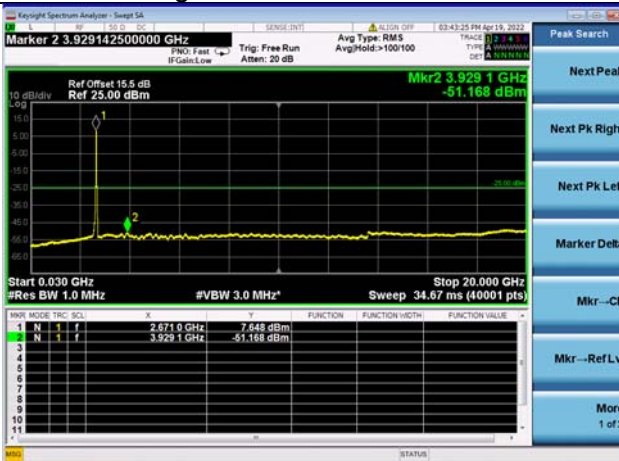
High CH/QPSK/1RB99 and 1RB0



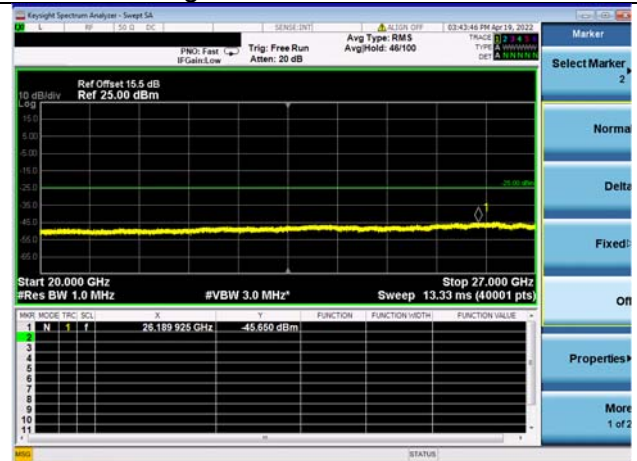
High CH/QPSK/1RB99 and 1RB0



High CH/QPSK/FULL RB



High CH/QPSK/FULL RB



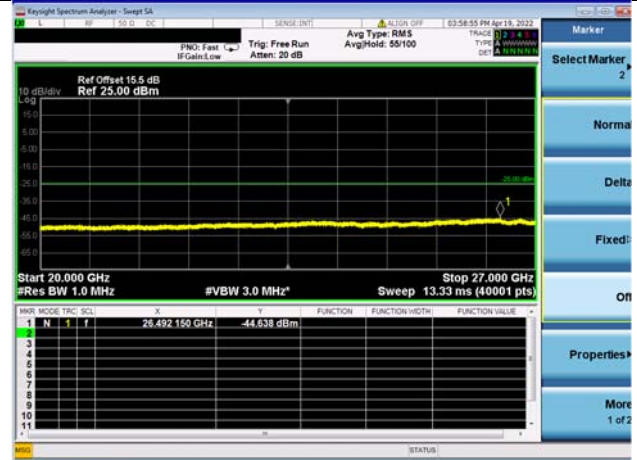
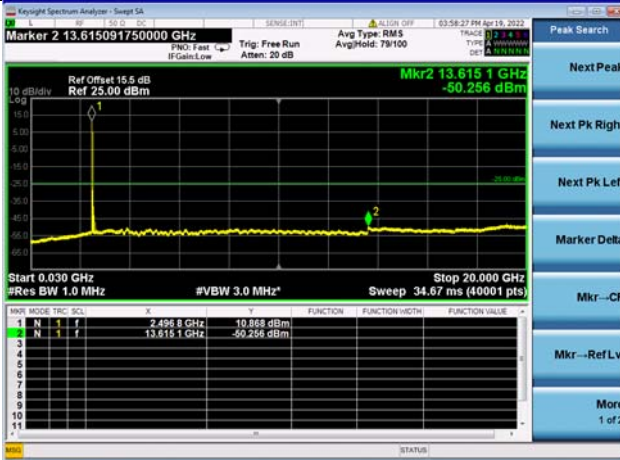


LTE CA 41C CSE

Channel Bandwidth: 20MHz+15MHz

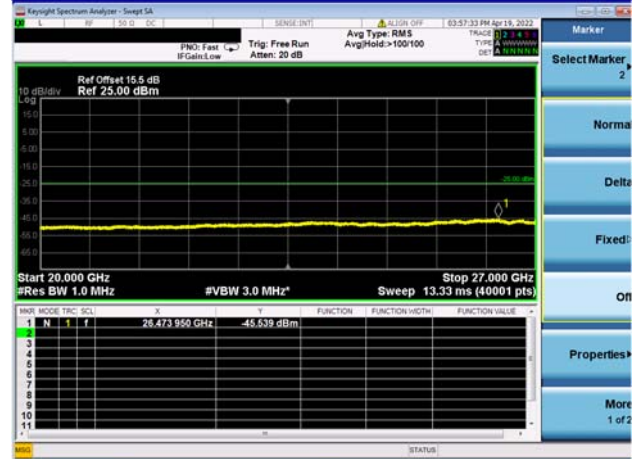
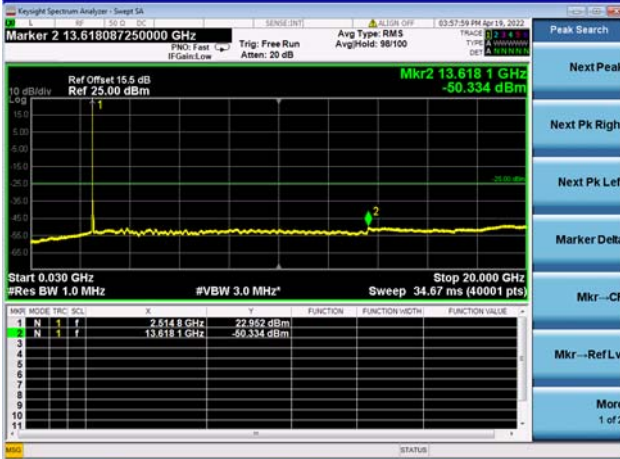
LOW CH/QPSK/1RB0 and 1RB74

LOW CH/QPSK/1RB0 and 1RB74



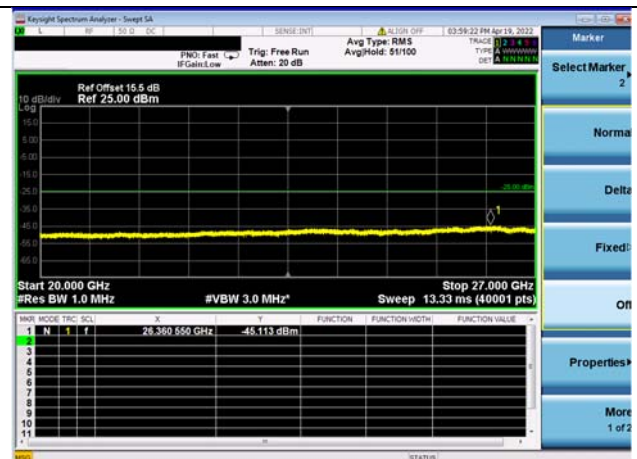
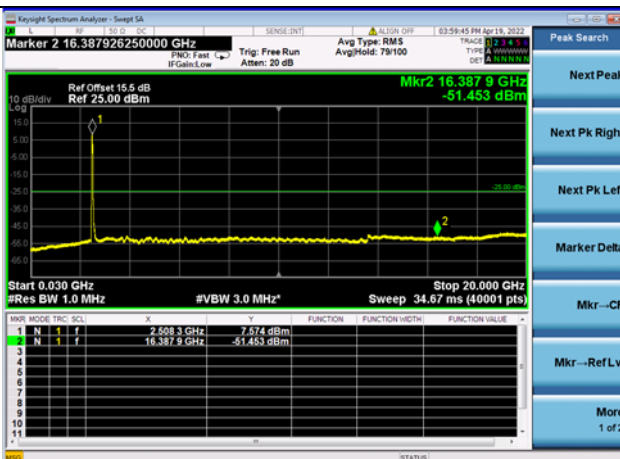
LOW CH/QPSK/1RB99 and 1RB0

LOW CH/QPSK/1RB99 and 1RB0



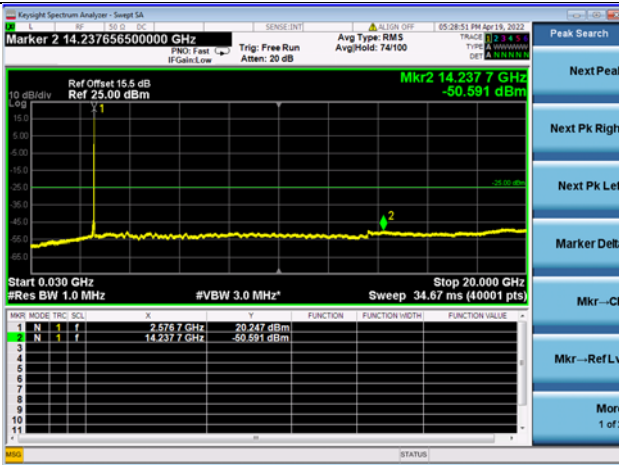
LOW CH/QPSK/FULL RB

LOW CH/QPSK/FULL RB

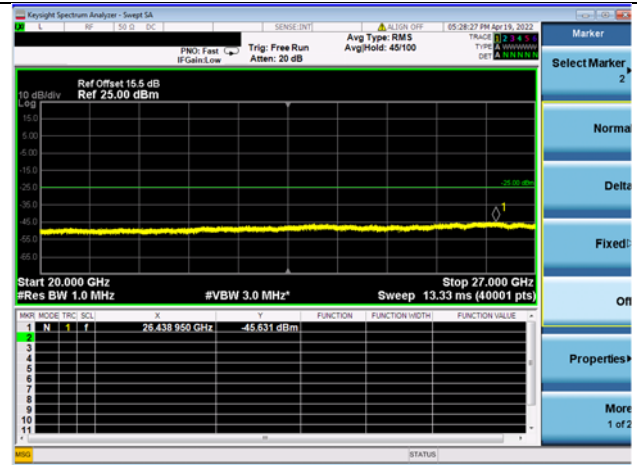




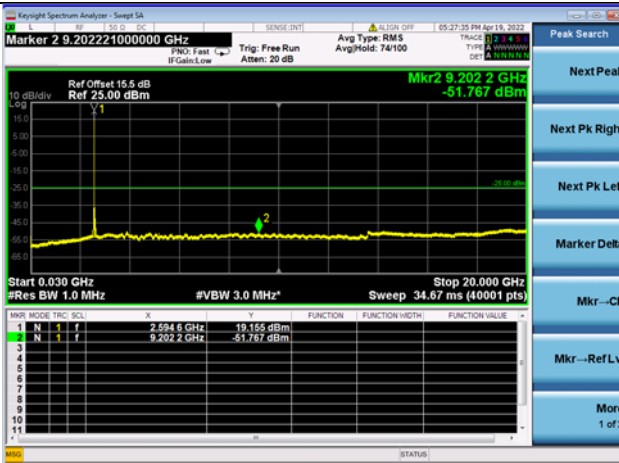
Mid CH/QPSK/1RB0 and 1RB74



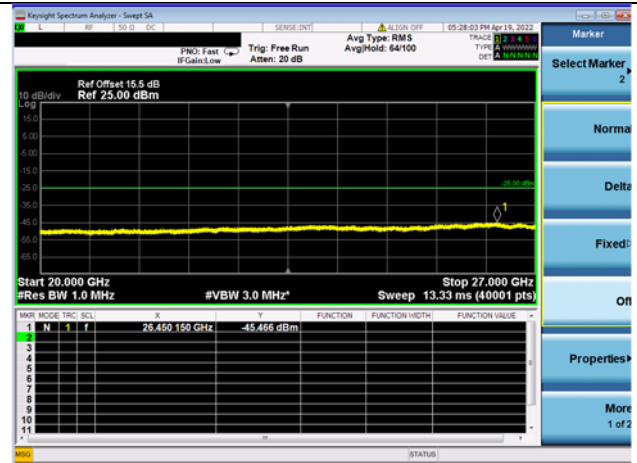
Mid CH/QPSK/1RB0 and 1RB74



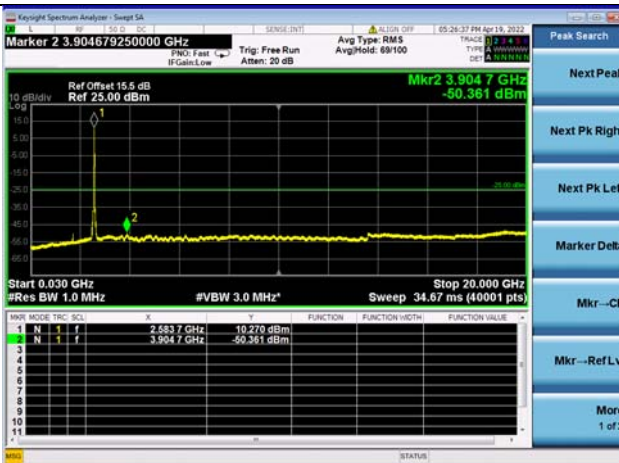
Mid CH/QPSK/1RB99 and 1RB0



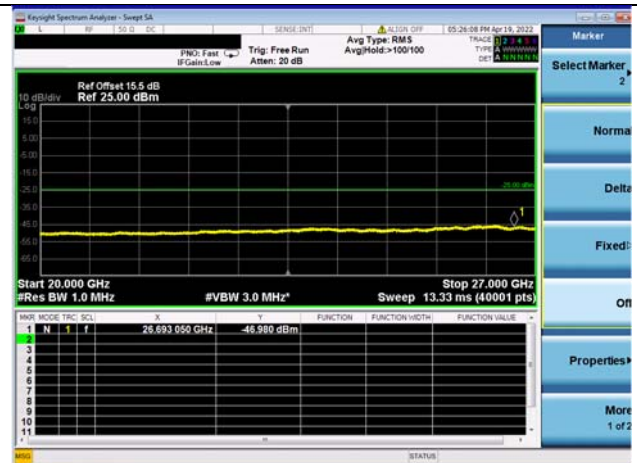
Mid CH/QPSK/1RB99 and 1RB0



Mid CH/QPSK/FULL RB

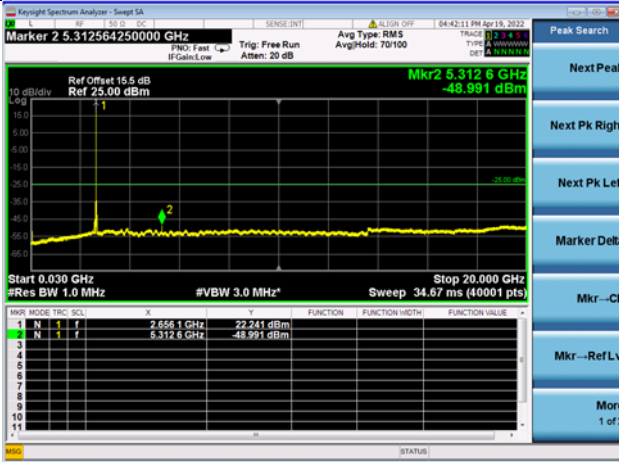


Mid CH/QPSK/FULL RB

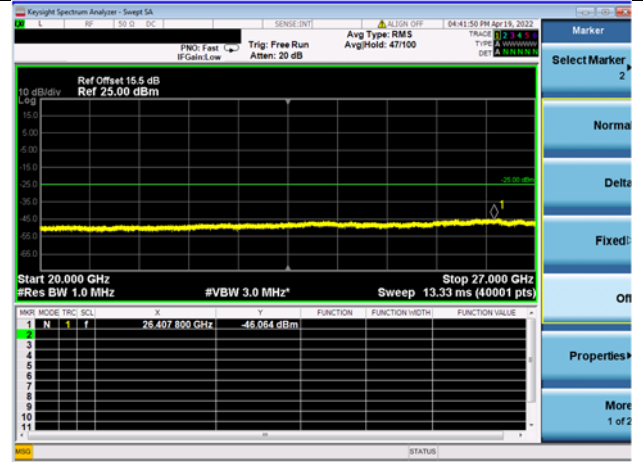




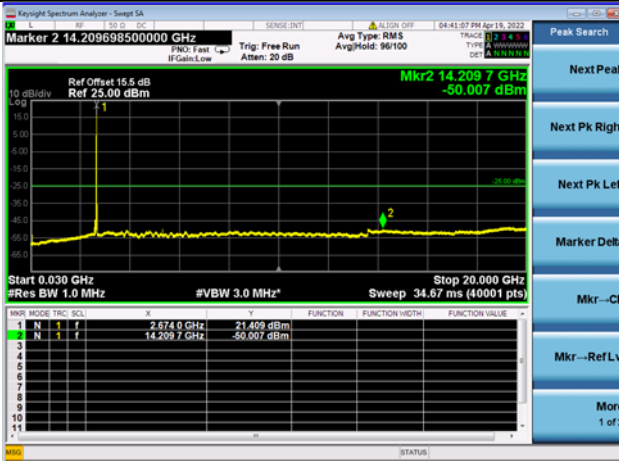
High CH/QPSK/1RB0 and 1RB74



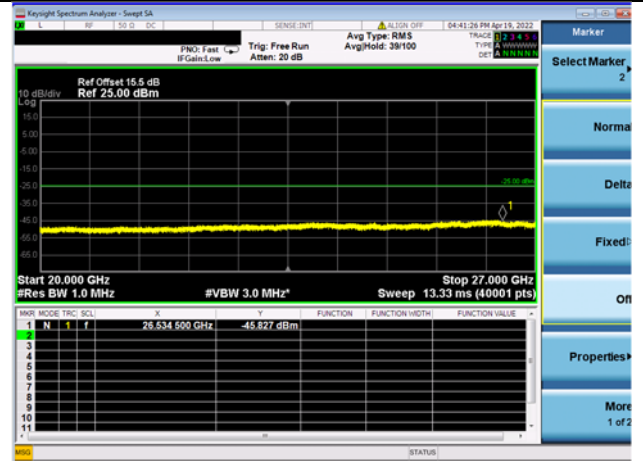
High CH/QPSK/1RB0 and 1RB74



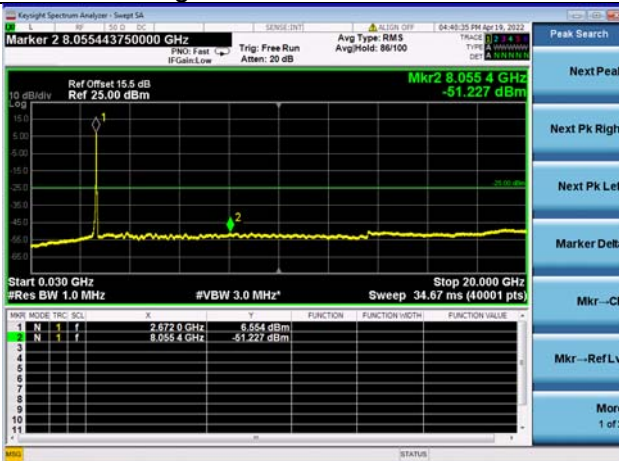
High CH/QPSK/1RB99 and 1RB0



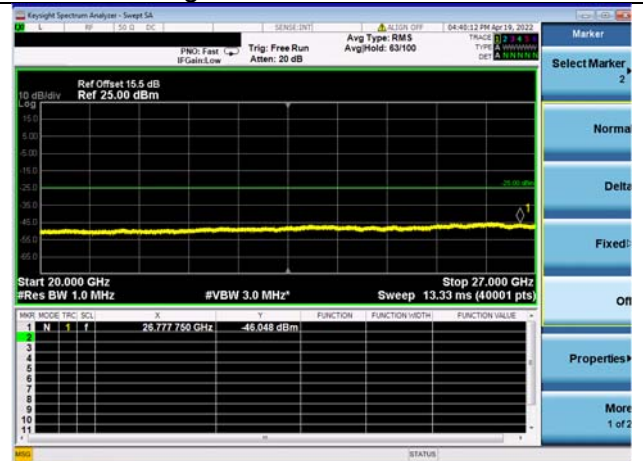
High CH/QPSK/1RB99 and 1RB0



High CH/QPSK/FULL RB



High CH/QPSK/FULL RB





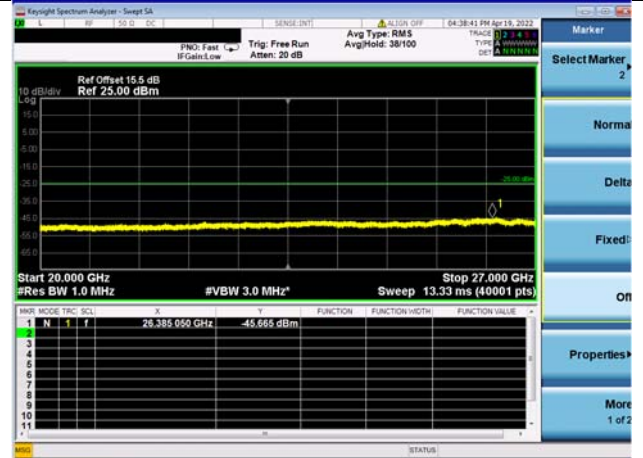
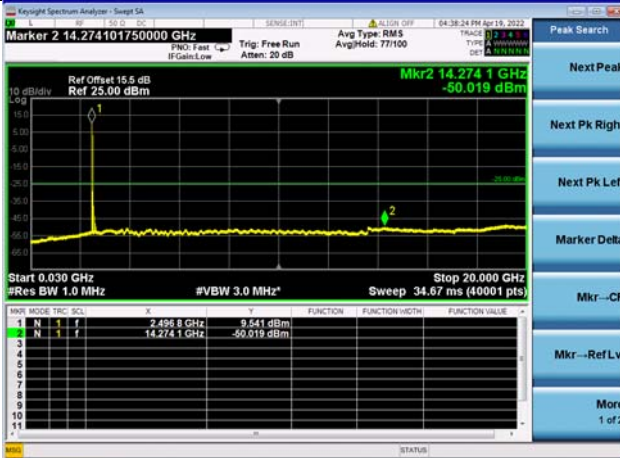


LTE CA 41C CSE

Channel Bandwidth: 20MHz+20MHz

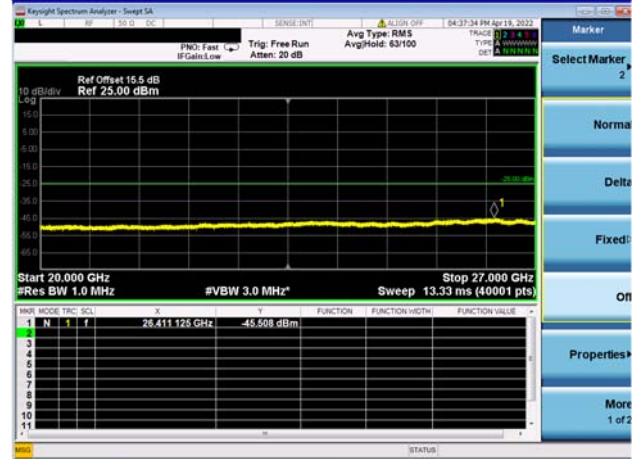
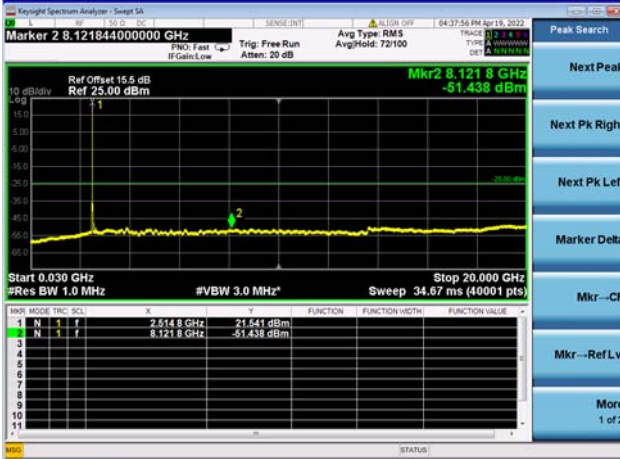
LOW CH/QPSK/1RB0 and 1RB99

LOW CH/QPSK/1RB0 and 1RB99



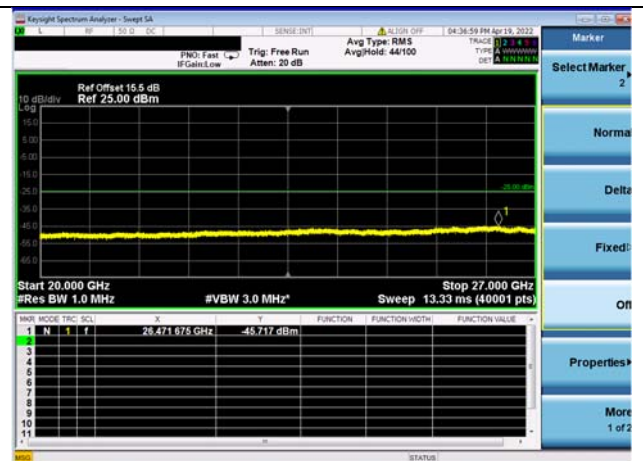
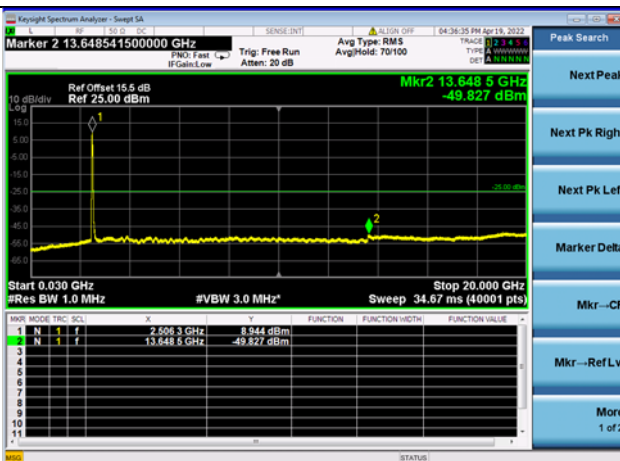
LOW CH/QPSK/1RB99 and 1RB0

LOW CH/QPSK/1RB99 and 1RB0



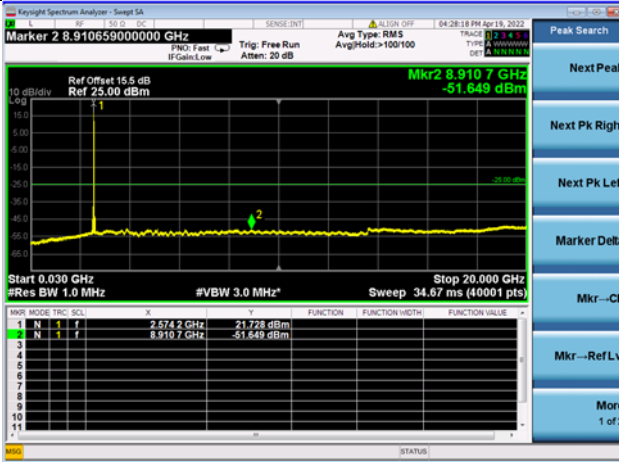
LOW CH/QPSK/FULL RB

LOW CH/QPSK/FULL RB

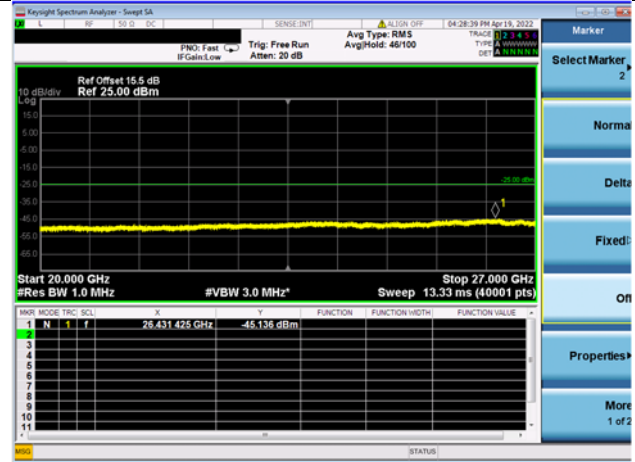




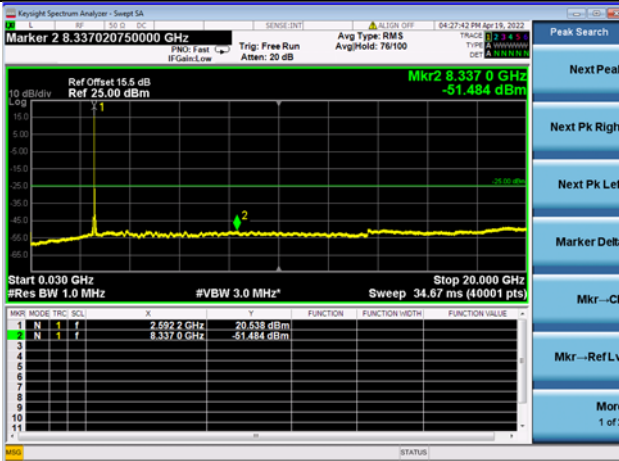
Mid CH/QPSK/1RB0 and 1RB99



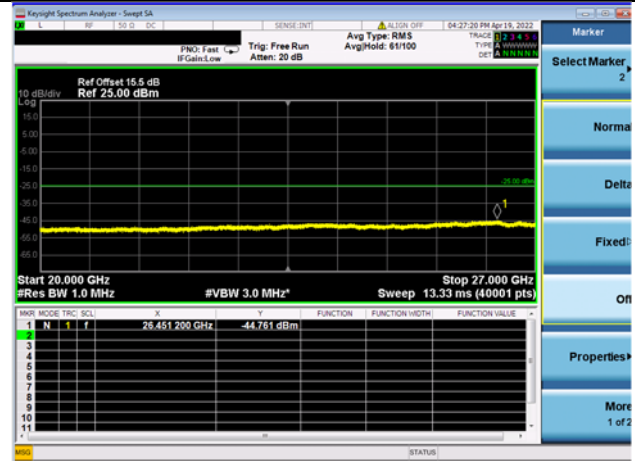
Mid CH/QPSK/1RB0 and 1RB99



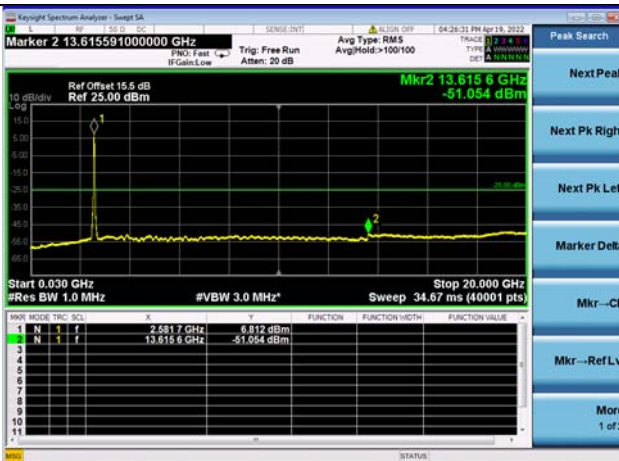
Mid CH/QPSK/1RB99 and 1RB0



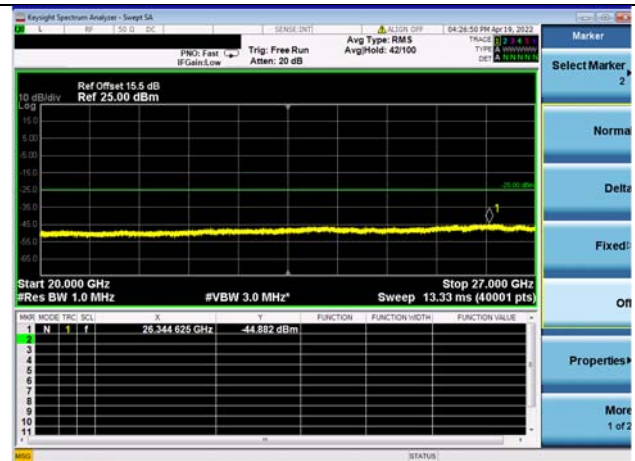
Mid CH/QPSK/1RB99 and 1RB0



Mid CH/QPSK/FULL RB

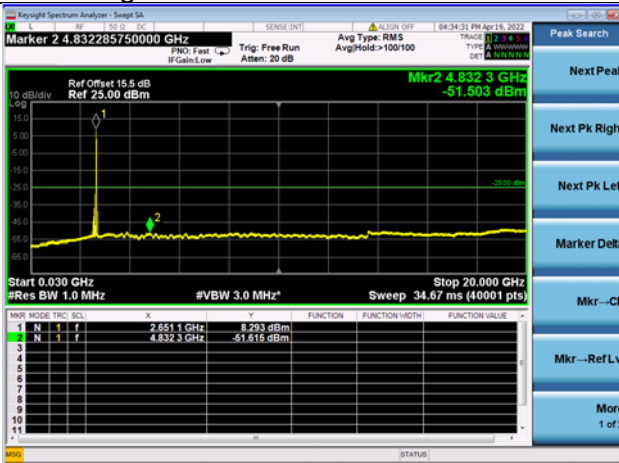


Mid CH/QPSK/FULL RB

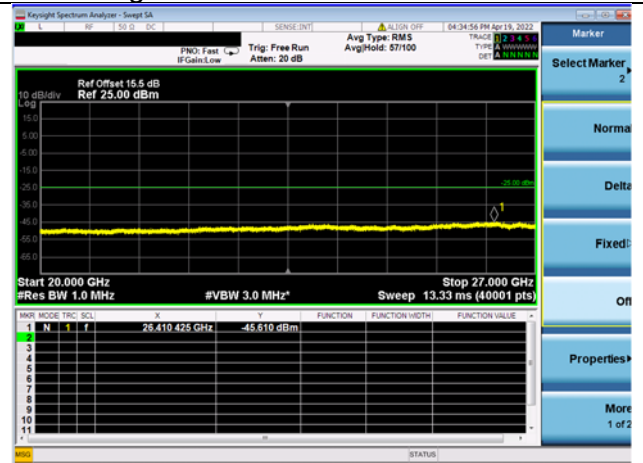




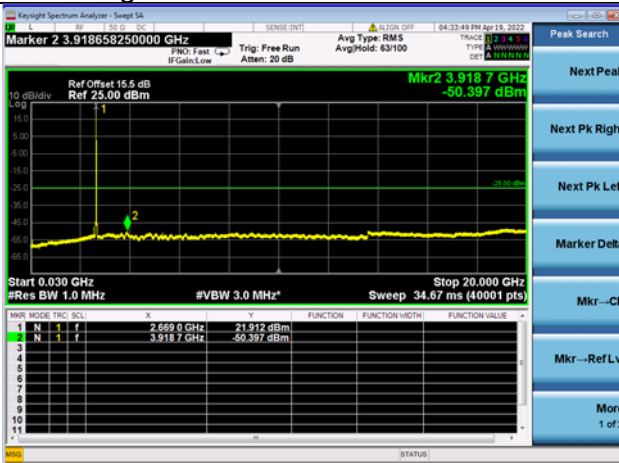
High CH/QPSK/1RB0 and 1RB99



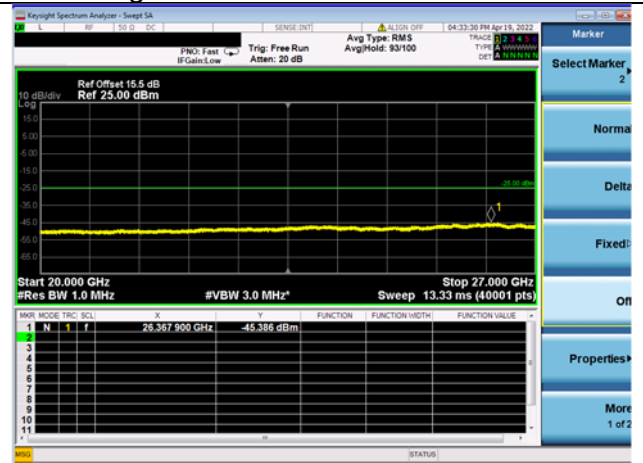
High CH/QPSK/1RB0 and 1RB99



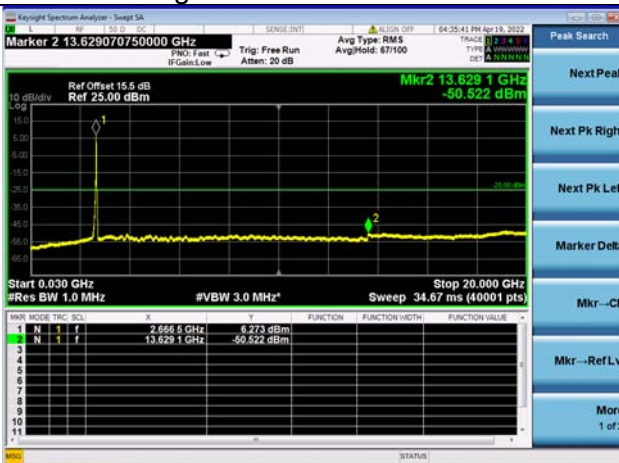
High CH/QPSK/1RB99 and 1RB0



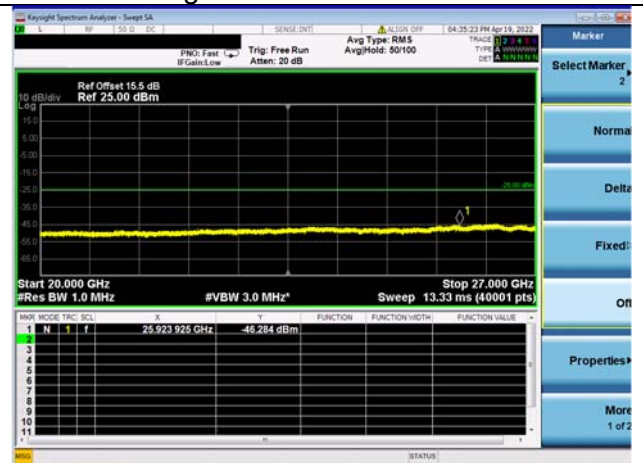
High CH/QPSK/1RB99 and 1RB0



High CH/QPSK/FULL RB



High CH/QPSK/FULL RB



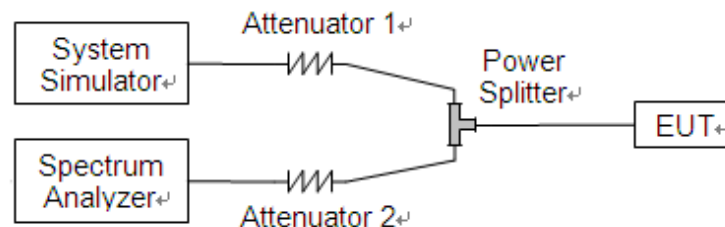
## 2.4. Band Edge

### 2.4.1. Requirement

According to FCC section 2.1051, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $43 + 10 \log (P)$  dB.

According to FCC section 27.53(m) (4), for mobile digital stations, the attenuation factor shall be not less than  $40 + 10 \log (P)$  dB on all frequencies between the channel edge and 5 megahertz from the channel edge,  $43 + 10 \log (P)$  dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and  $55 + 10 \log (P)$  dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that  $43 + 10 \log (P)$  dB on all frequencies between 2490.5 MHz and 2496 MHz and  $55 + 10 \log (P)$  dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

### 2.4.2. Test Description



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

### 2.4.3. Test procedure

KDB 971168 D01v03 Section 6.0 and ANSI/TIA-603-E-2016.



REPORT No.: SZ22040005W08

#### 2.4.4. Test Result

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

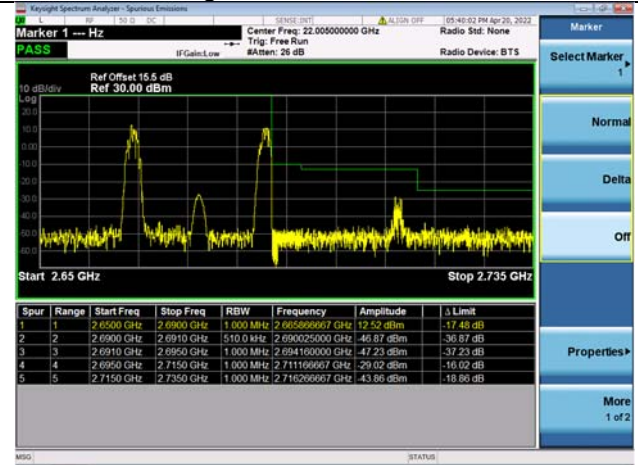
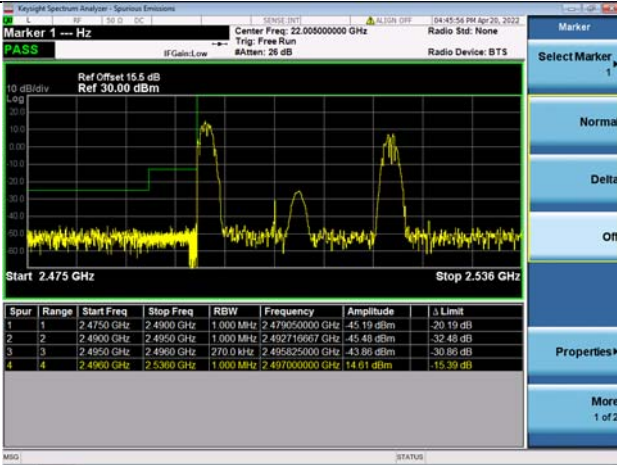


LTE CA 41C

Channel Bandwidth: 5MHz+20MHz

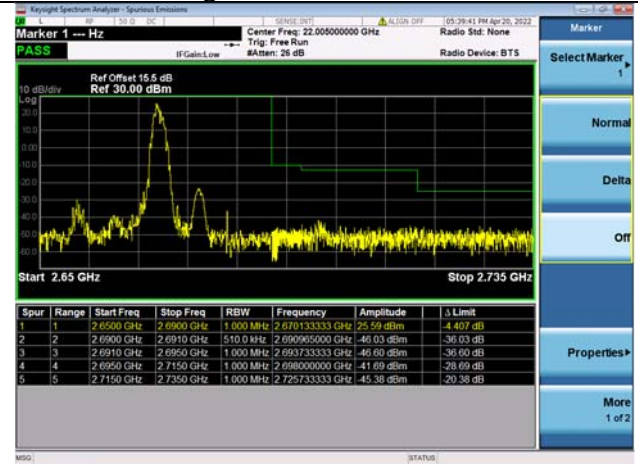
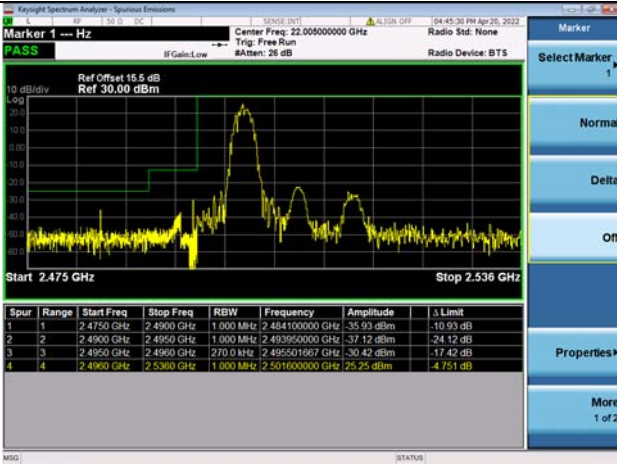
Low 1RB0 and 1RB99

High 1RB0 and 1RB99



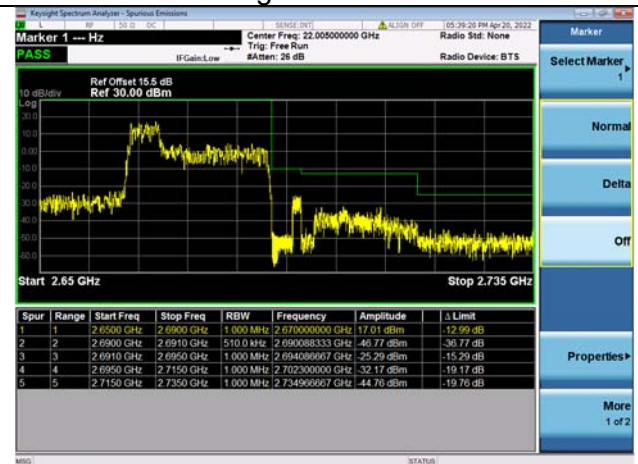
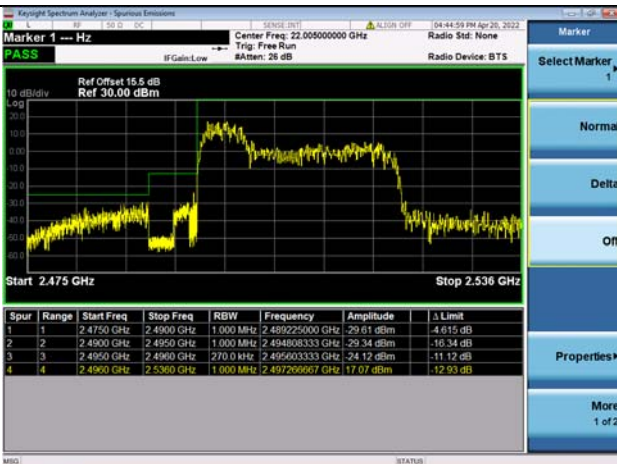
Low 1RB24 and 1RB0

High 1RB24 and 1RB0



Low FULL RB

High FULL RB

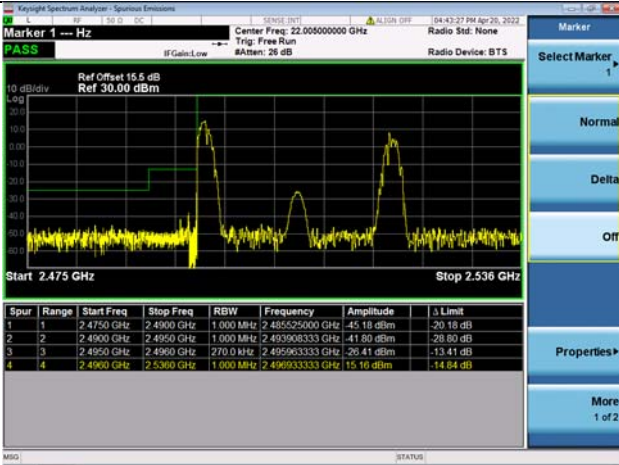




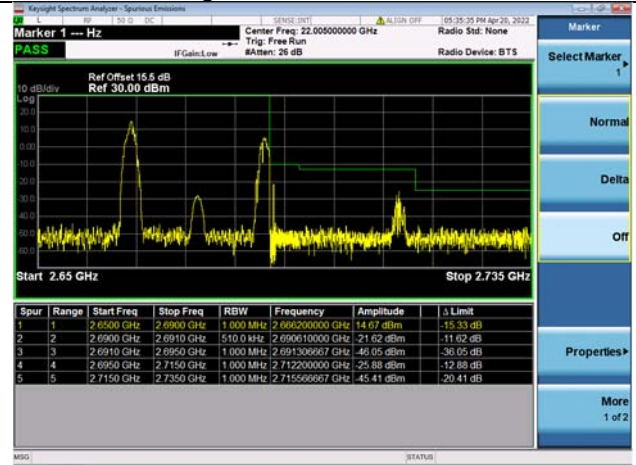
LTE CA 41C

Channel Bandwidth: 10MHz+15MHz

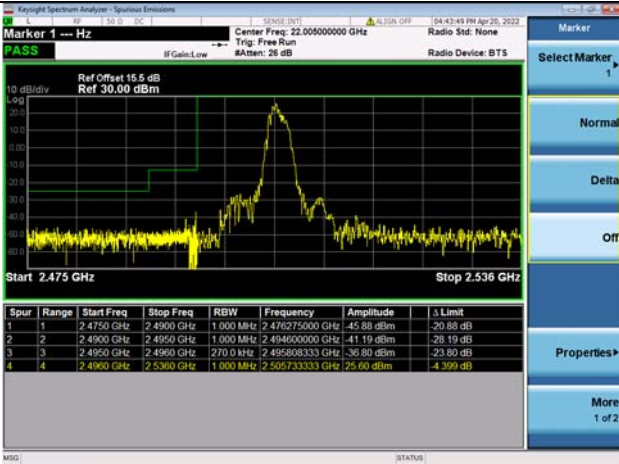
Low 1RB0 and 1RB74



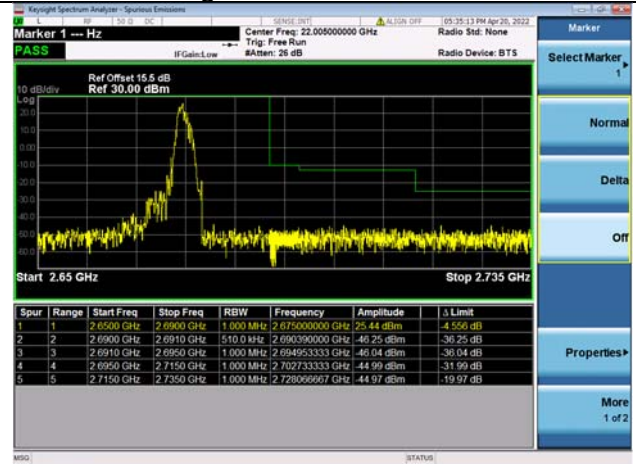
High 1RB0 and 1RB74



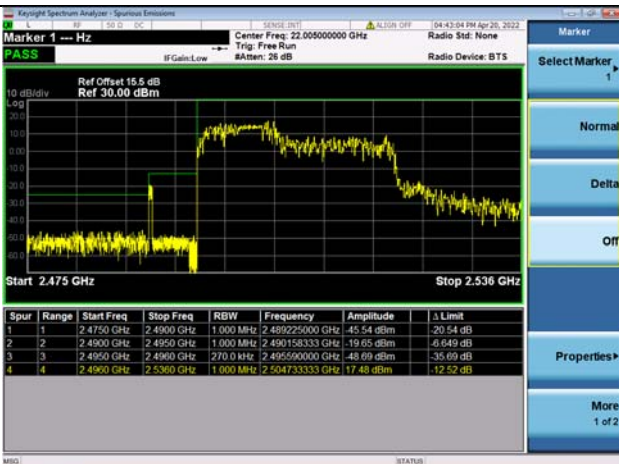
Low 1RB49 and 1RB0



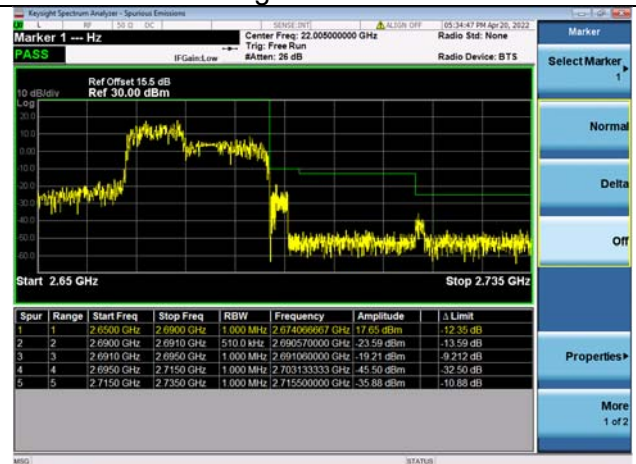
High 1RB49 and 1RB0



Low FULL RB



High FULL RB

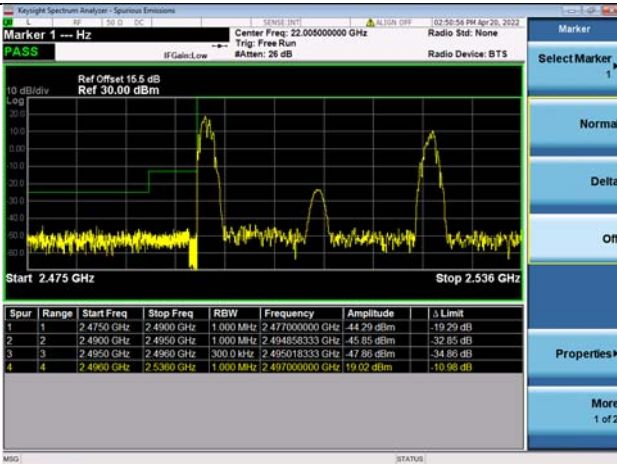




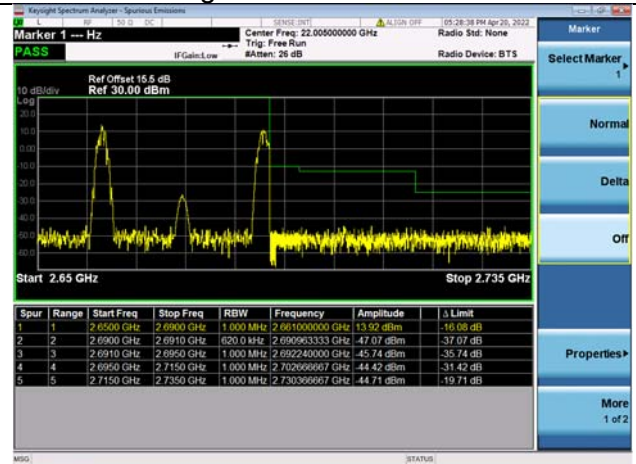
LTE CA 41C

Channel Bandwidth: 10MHz+20MHz

Low 1RB0 and 1RB99



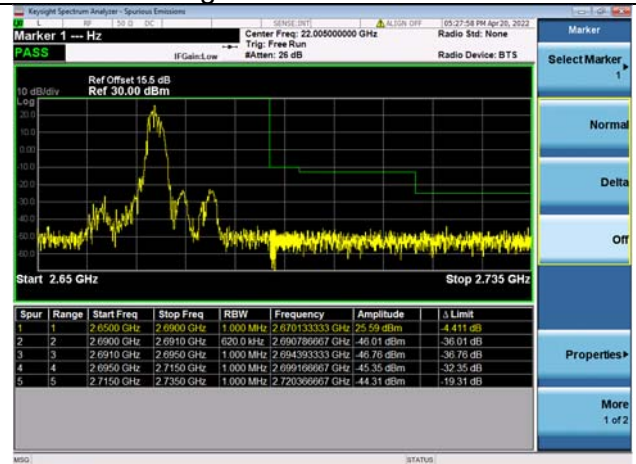
High 1RB0 and 1RB99



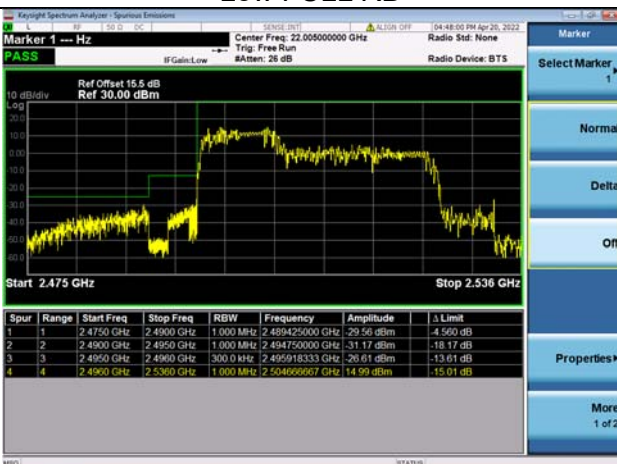
Low 1RB49 and 1RB0



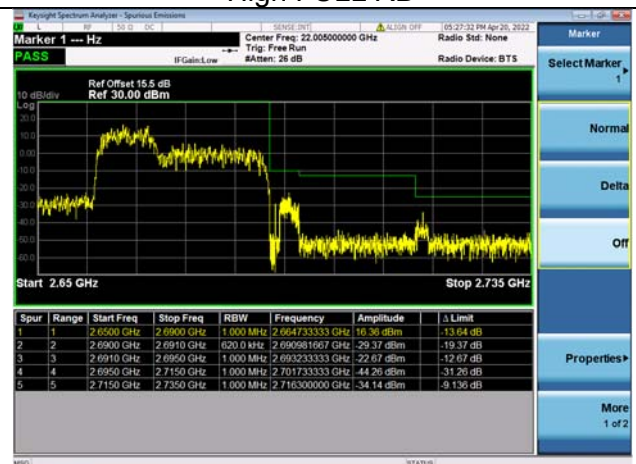
High 1RB49 and 1RB0



Low FULL RB



High FULL RB



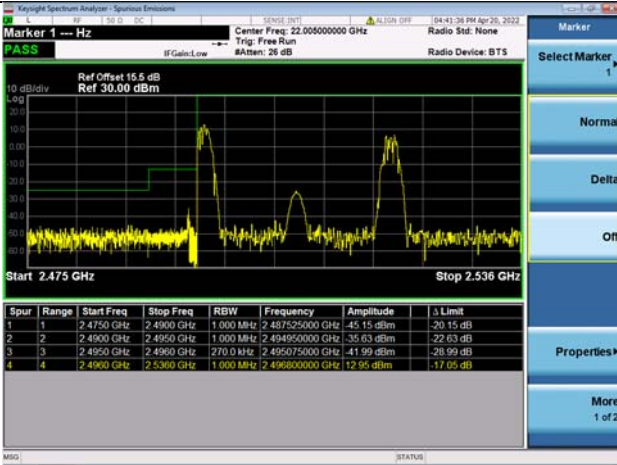




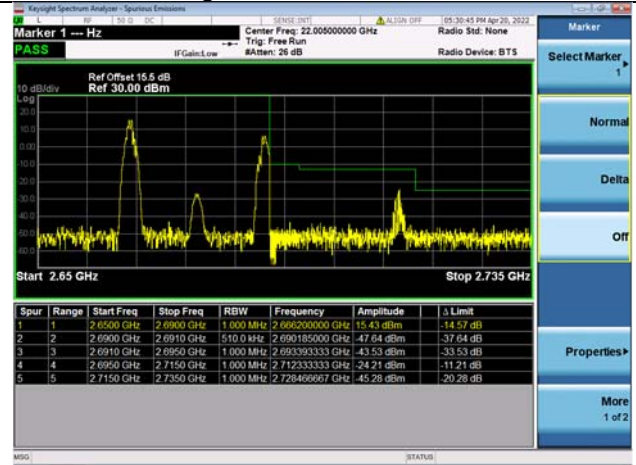
LTE CA 41C

Channel Bandwidth: 15MHz+10MHz

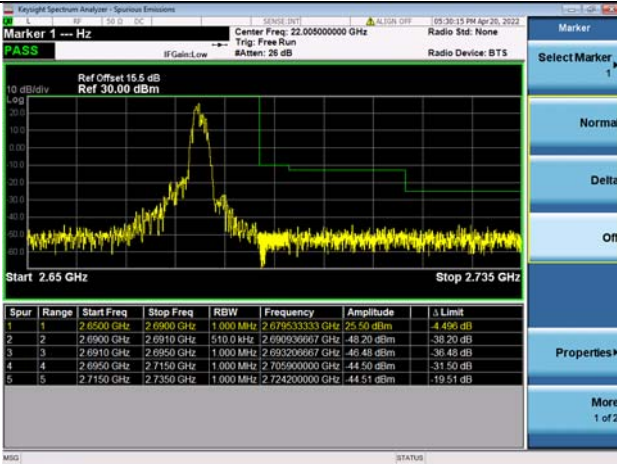
Low 1RB0 and 1RB49



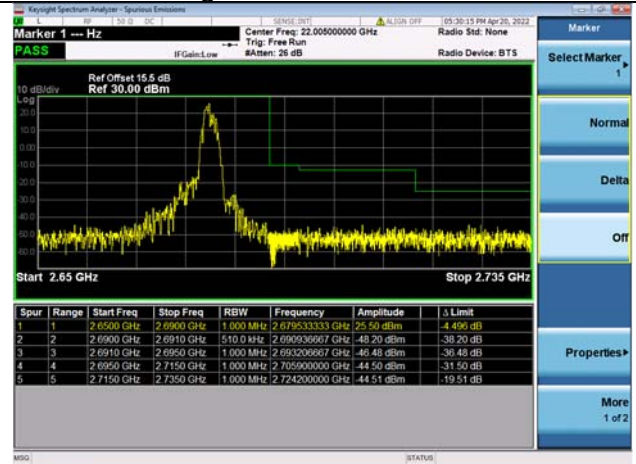
High 1RB0 and 1RB49



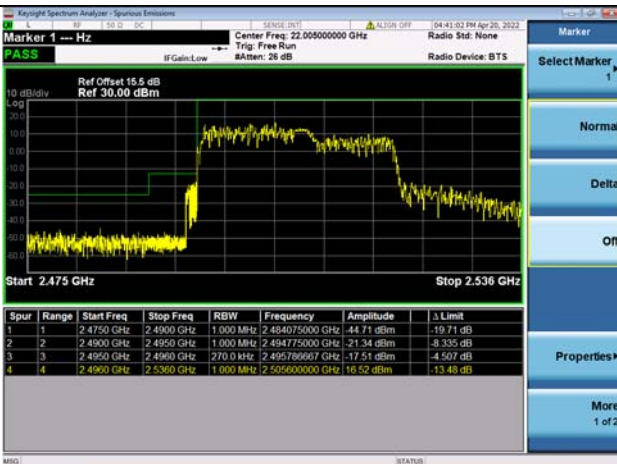
Low 1RB74 and 1RB0



High 1RB74 and 1RB0



Low FULL RB



High FULL RB

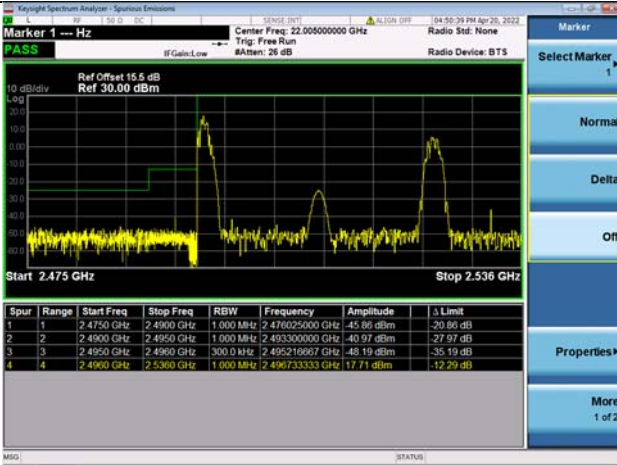




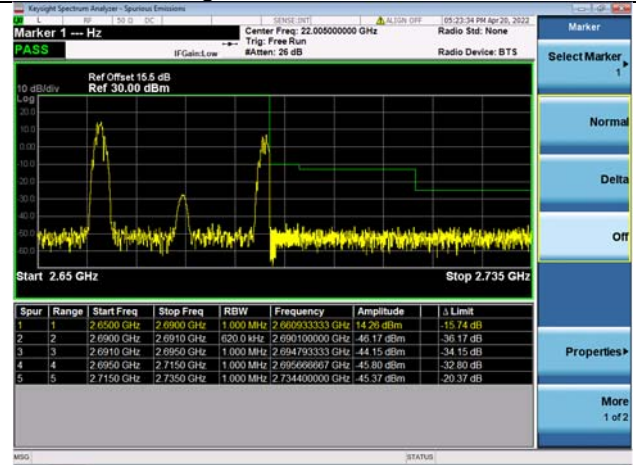
LTE CA 41C

Channel Bandwidth: 15MHz+15MHz

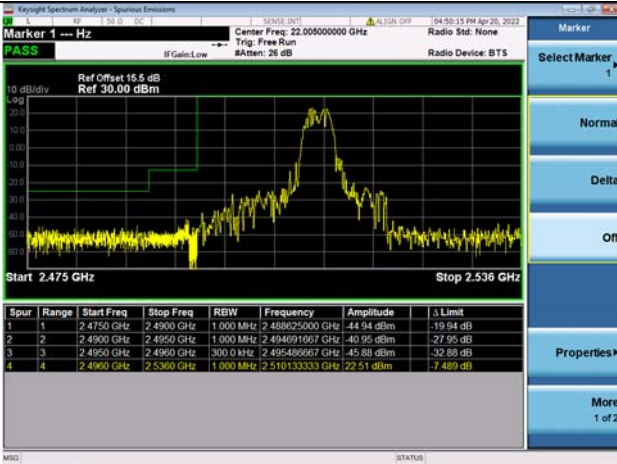
Low 1RB0 and 1RB74



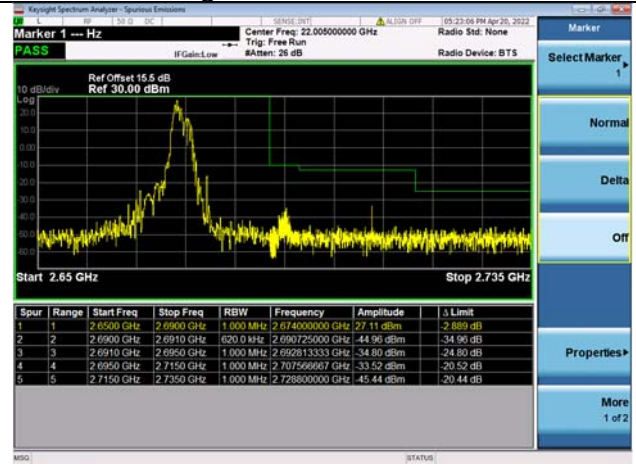
High 1RB0 and 1RB74



Low 1RB74 and 1RB0



High 1RB74 and 1RB0



Low FULL RB



High FULL RB

