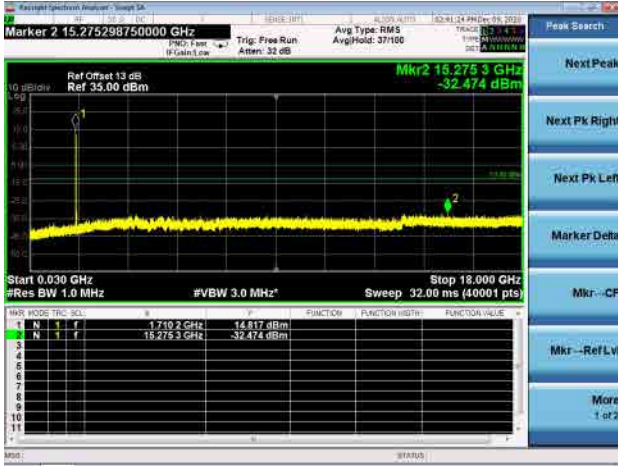




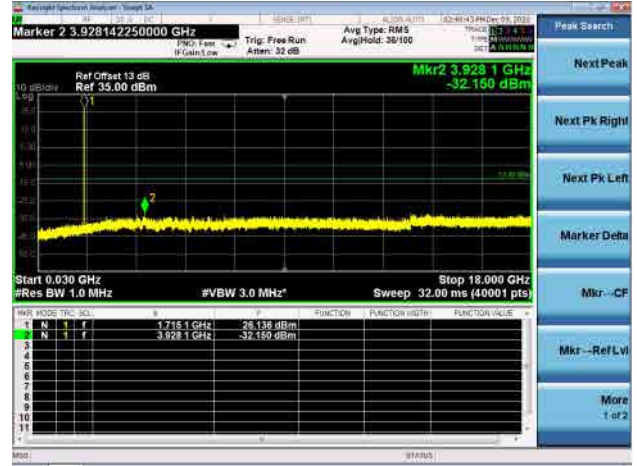
LTE Band 66B CSE

Channel Bandwidth: 5MHz+10MHz

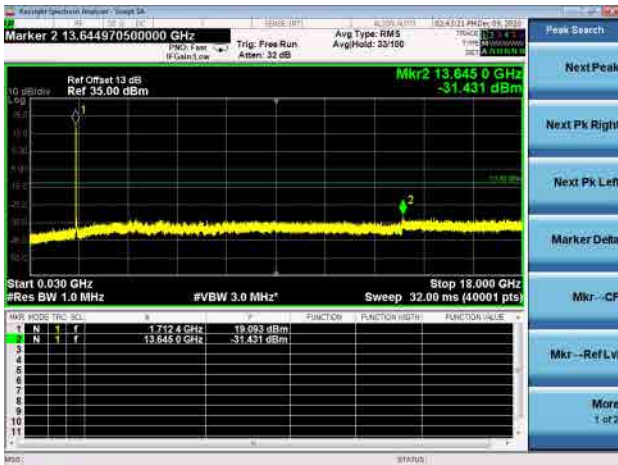
LOW CH/QPSK/1RB0 and 1RB49



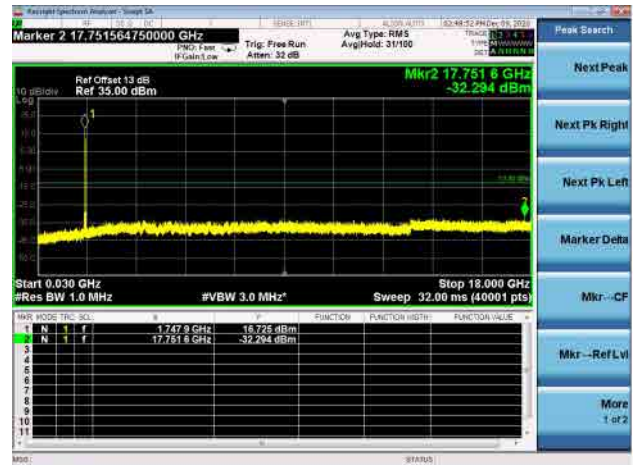
LOW CH/QPSK/1RB24 and 1RB0



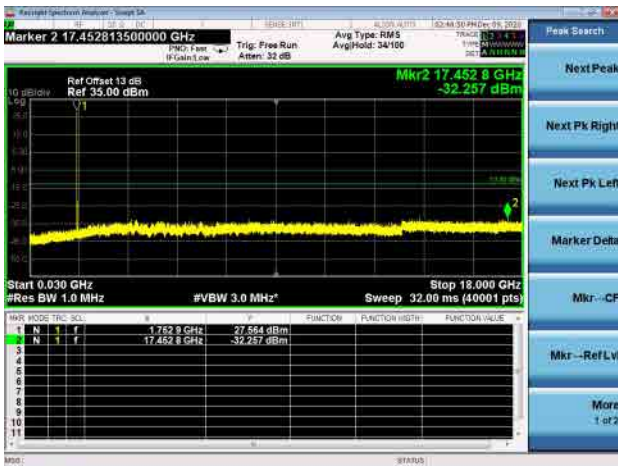
LOW CH/QPSK/FULL RB



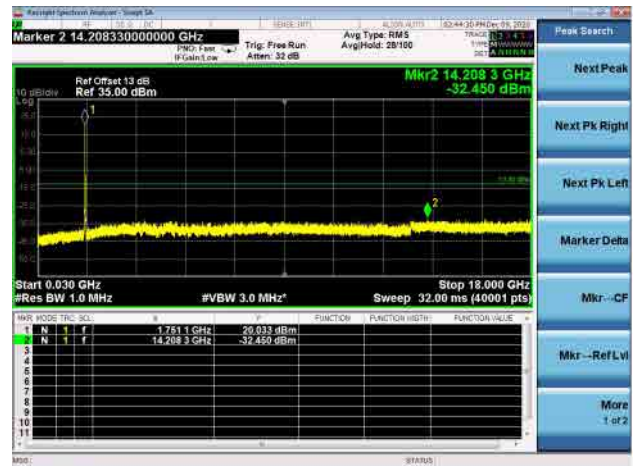
Mid CH/QPSK/1RB0 and 1RB2449



Mid CH/QPSK/1RB24 and 1RB0

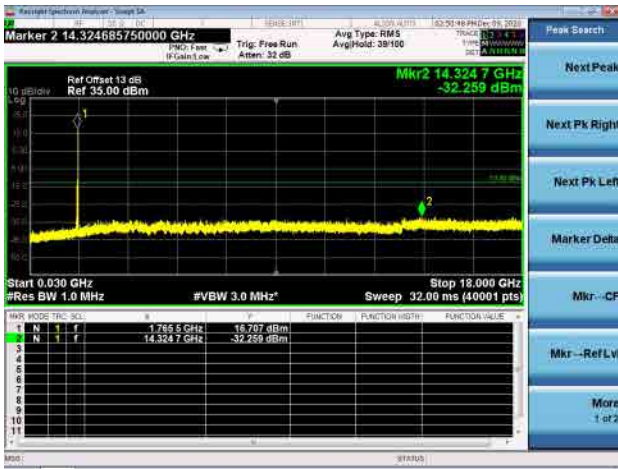


Mid CH/QPSK/FULL RB

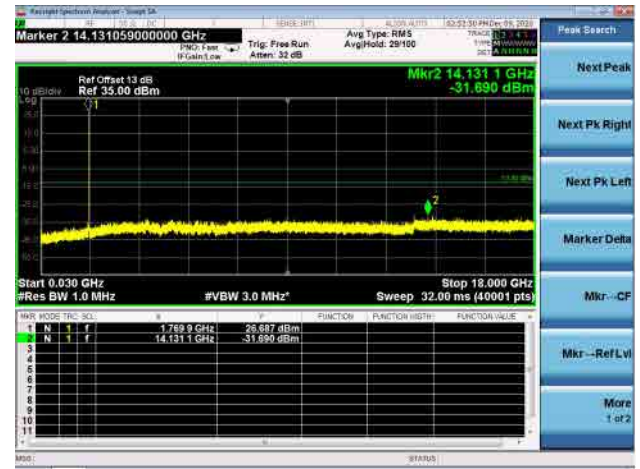




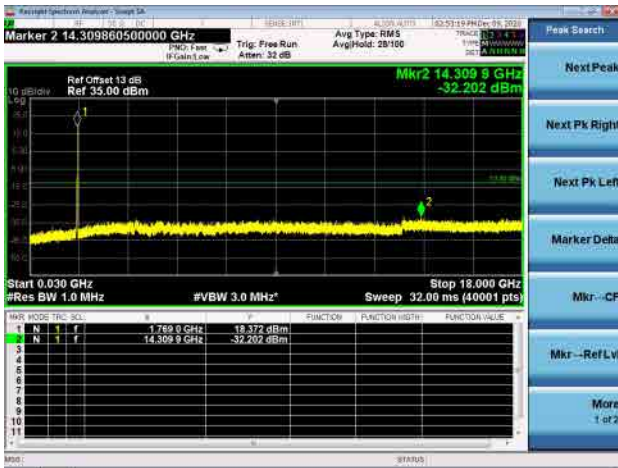
High CH/QPSK/1RB0 and 1RB49



High CH/QPSK/1RB24 and 1RB0



High CH/QPSK/FULL RB

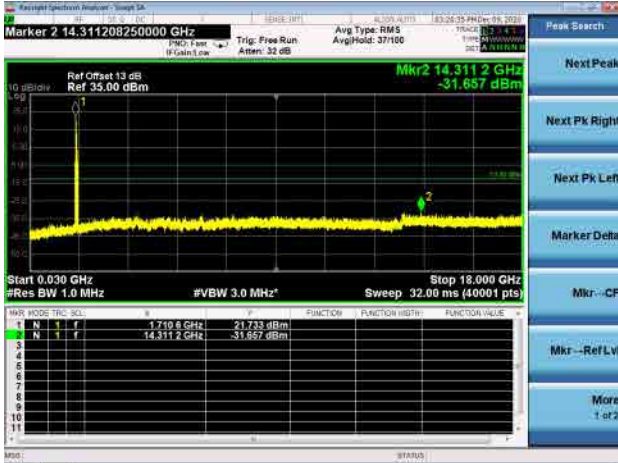




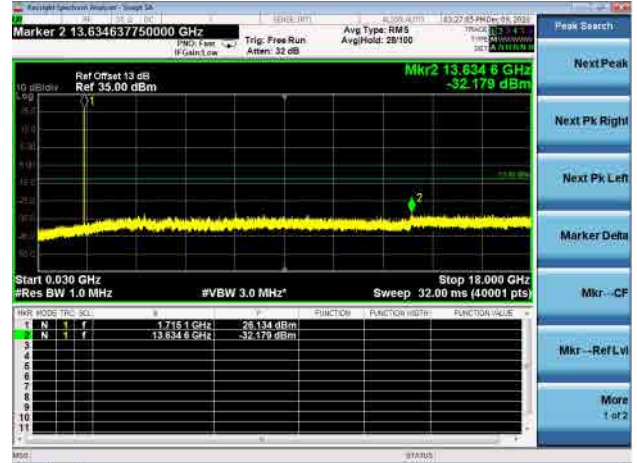
LTE Band 66B CSE

Channel Bandwidth: 5MHz+15MHz

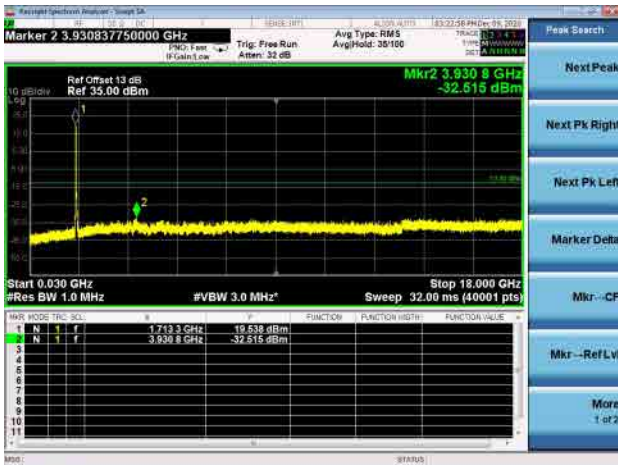
LOW CH/QPSK/1RB0 and 1RB74



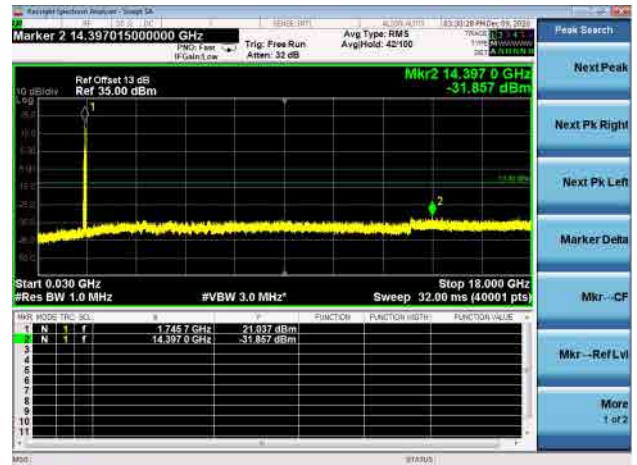
LOW CH/QPSK/1RB24 and 1RB0



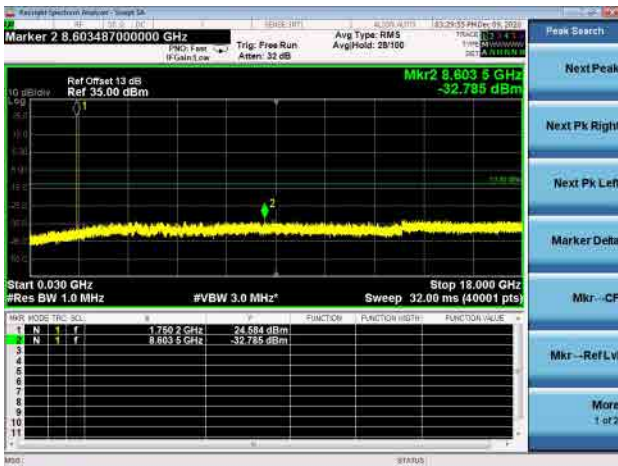
LOW CH/QPSK/FULL RB



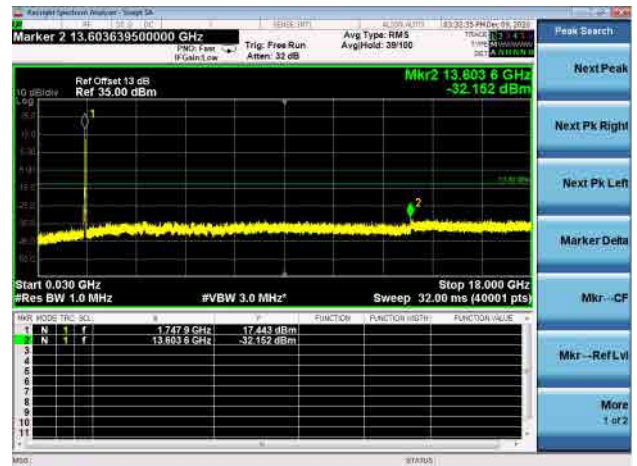
Mid CH/QPSK/1RB0 and 1RB74



Mid CH/QPSK/1RB24 and 1RB0

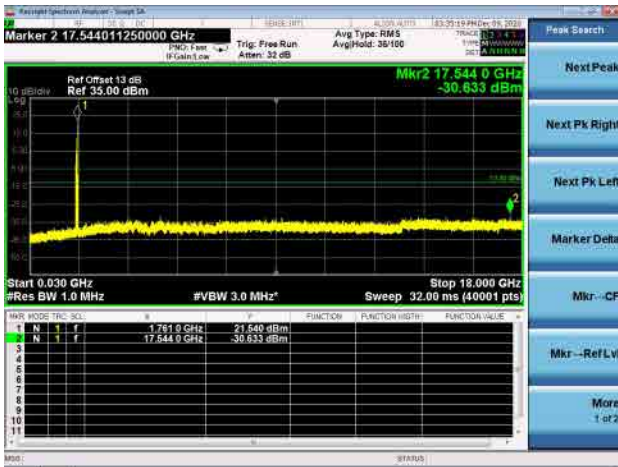


Mid CH/QPSK/FULL RB

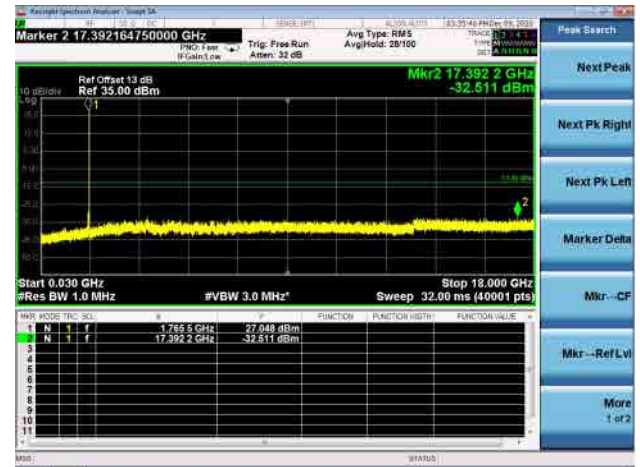




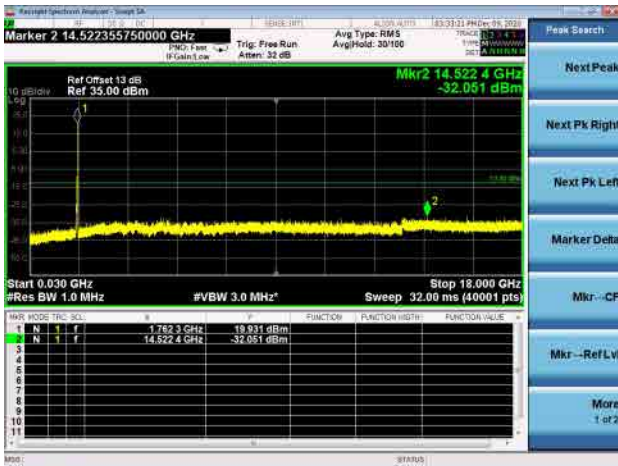
High CH/QPSK/1RB0 and 1RB74



High CH/QPSK/1RB24 and 1RB0



High CH/QPSK/FULL RB

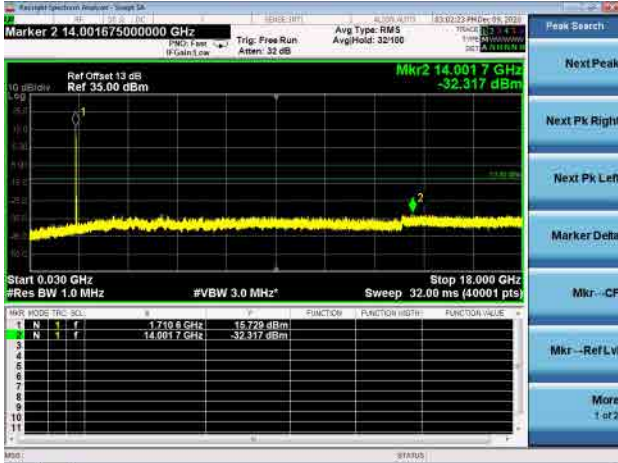




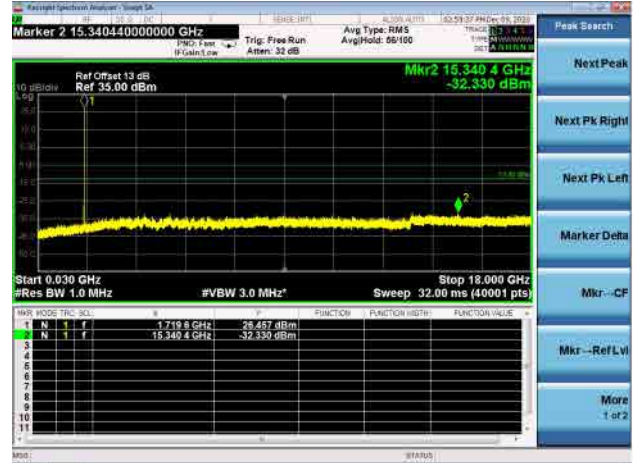
LTE Band 66B CSE

Channel Bandwidth: 10MHz+5MHz

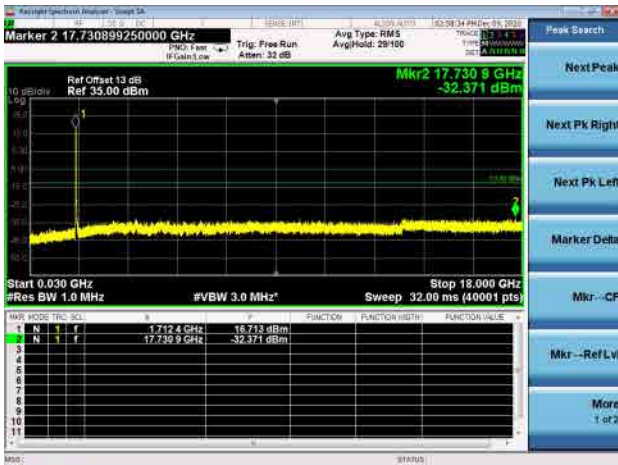
LOW CH/QPSK/1RB0 and 1RB24



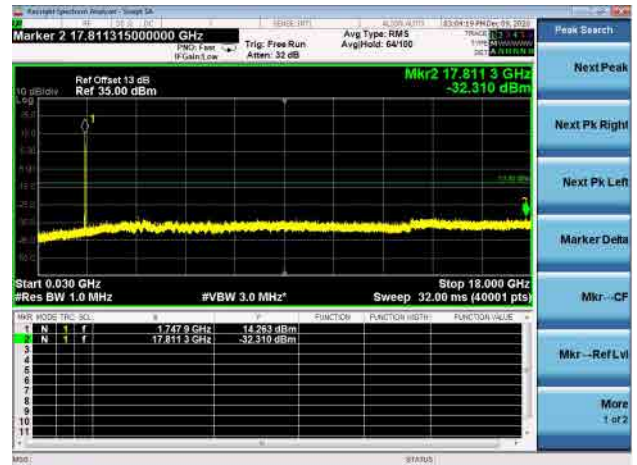
LOW CH/QPSK/1RB49 and 1RB0



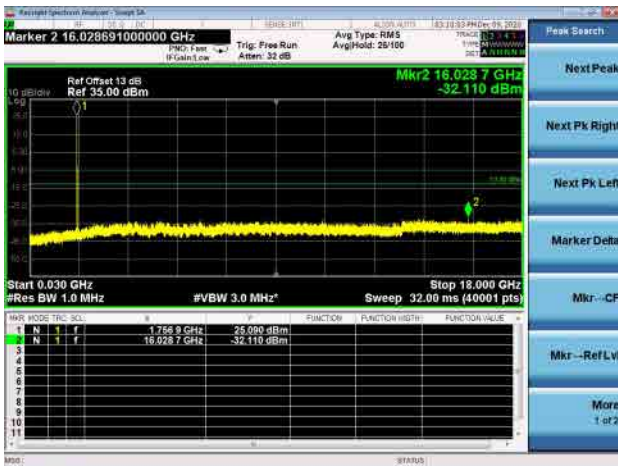
LOW CH/QPSK/FULL RB



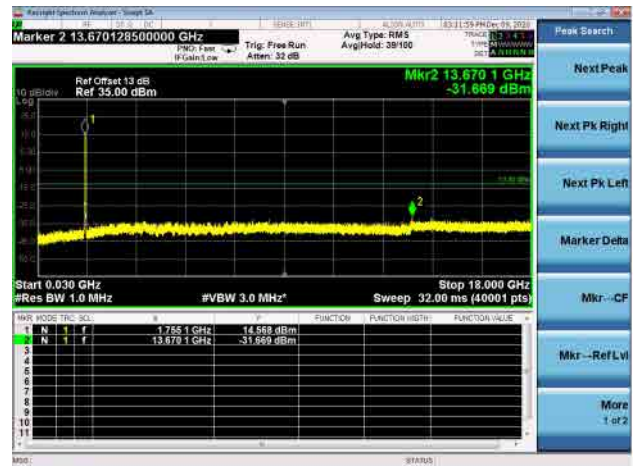
Mid CH/QPSK/1RB0 and 1RB24



Mid CH/QPSK/1RB49 and 1RB0

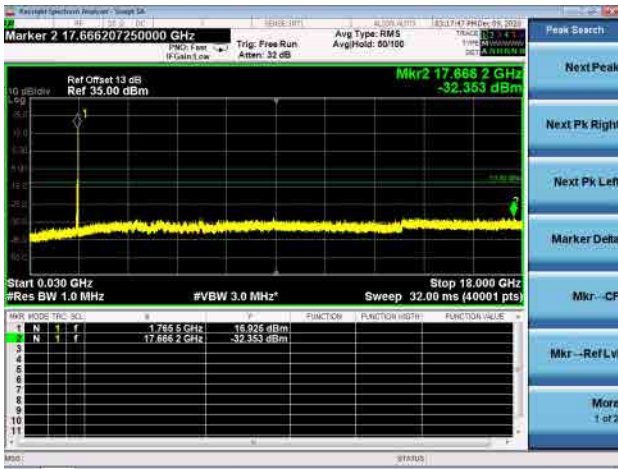


Mid CH/QPSK/FULL RB

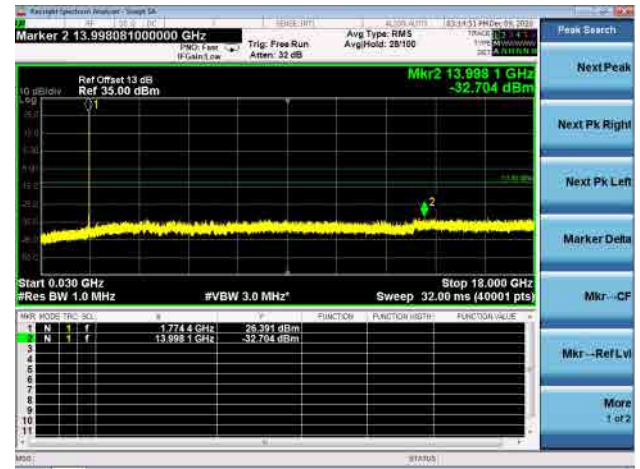




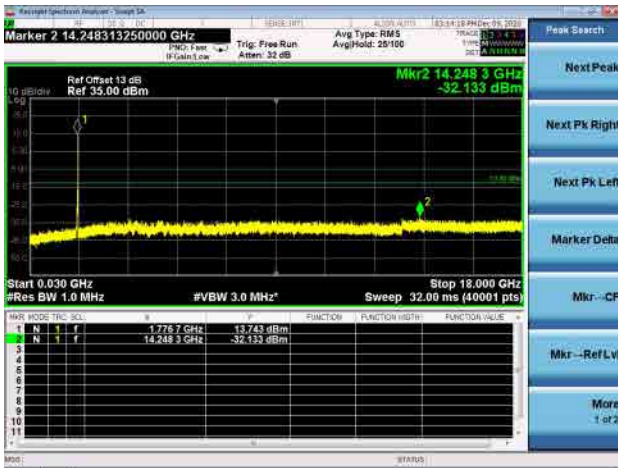
High CH/QPSK/1RB0 and 1RB24



High CH/QPSK/1RB49 and 1RB0



High CH/QPSK/FULL RB

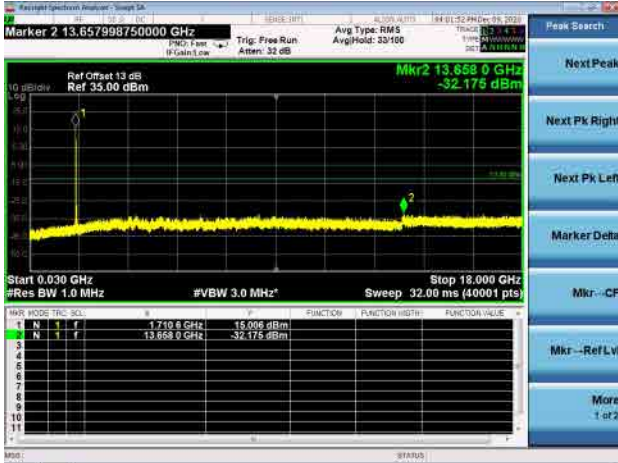




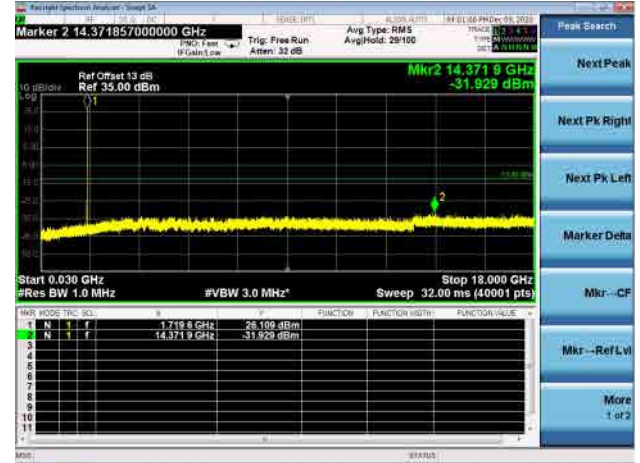
LTE Band 66B CSE

Channel Bandwidth: 10MHz+10MHz

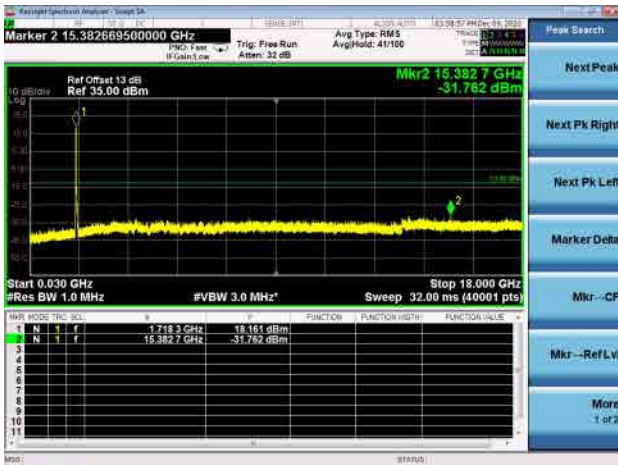
LOW CH/QPSK/1RB0 and 1RB49



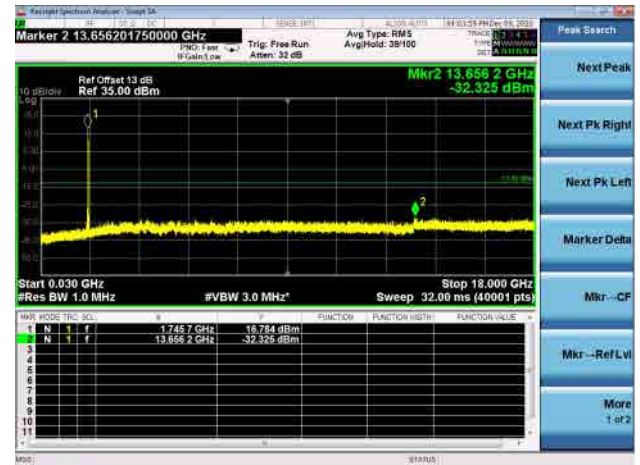
LOW CH/QPSK/1RB49 and 1RB0



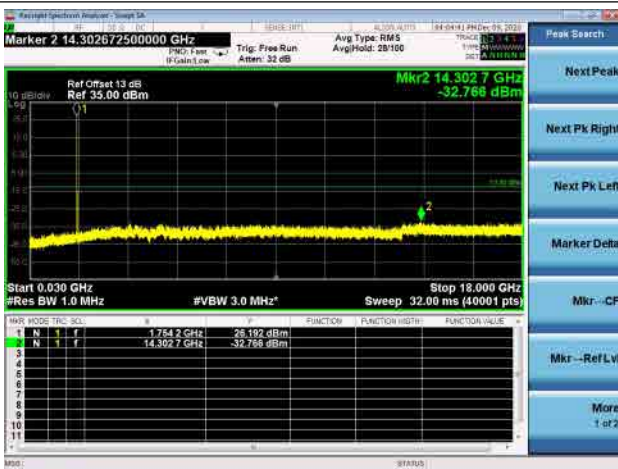
LOW CH/QPSK/FULL RB



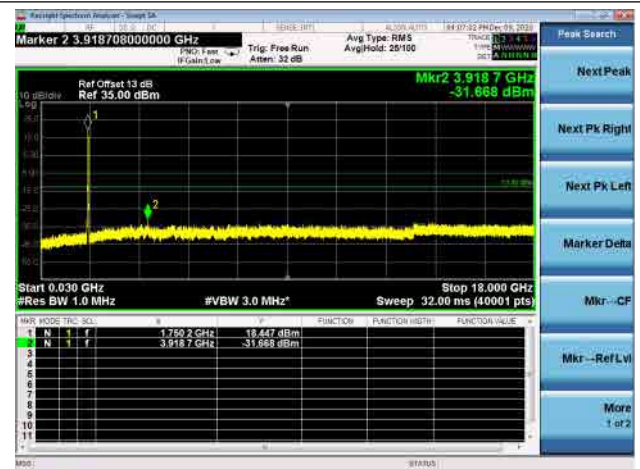
Mid CH/QPSK/1RB0 and 1RB49



Mid CH/QPSK/1RB49 and 1RB0

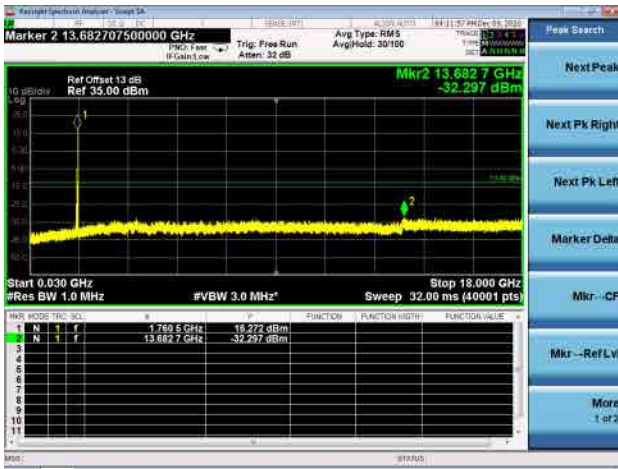


Mid CH/QPSK/FULL RB

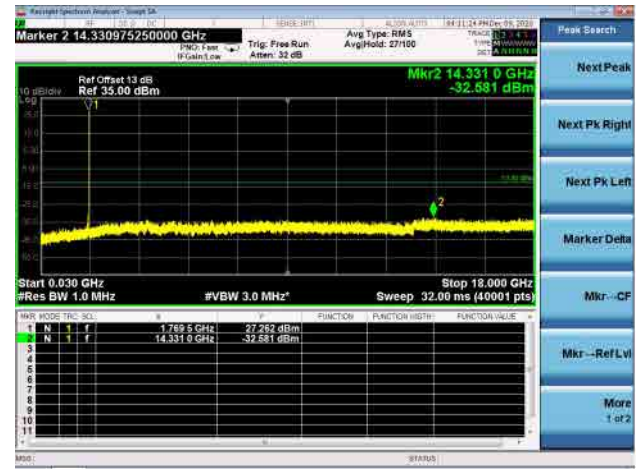




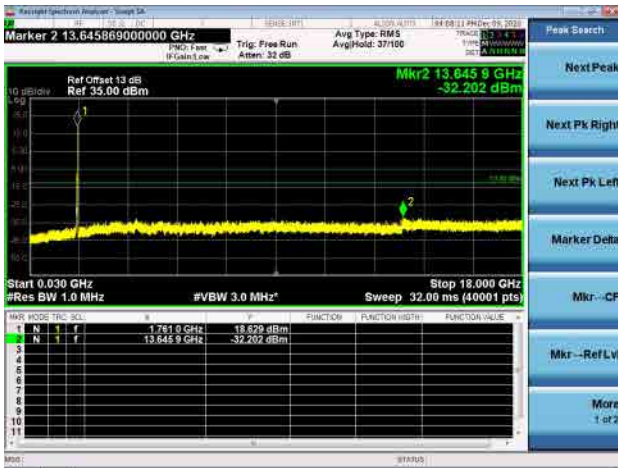
High CH/QPSK/1RB0 and 1RB49



High CH/QPSK/1RB49 and 1RB0



High CH/QPSK/FULL RB

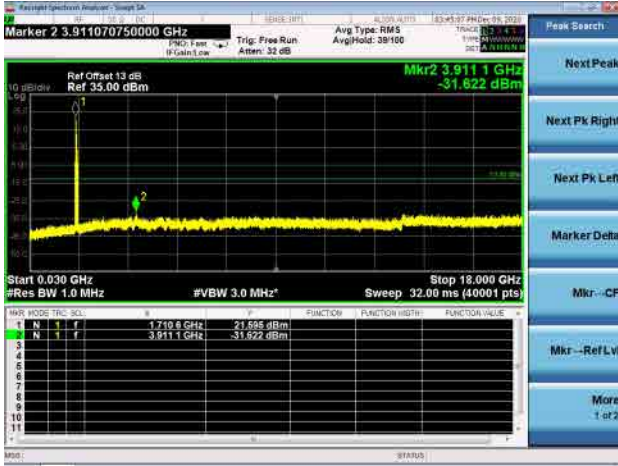




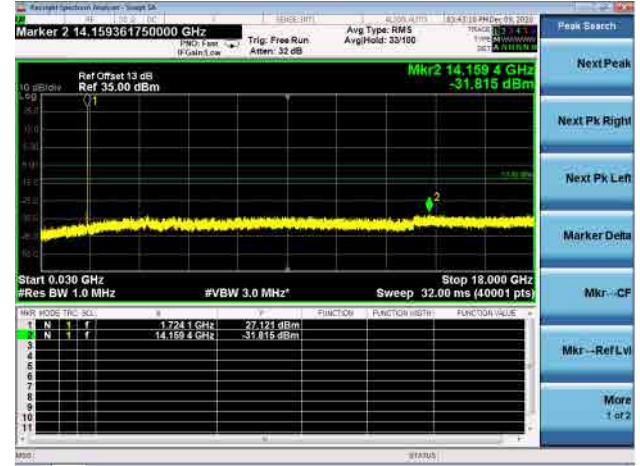
LTE Band 66B CSE

Channel Bandwidth: 15MHz+5MHz

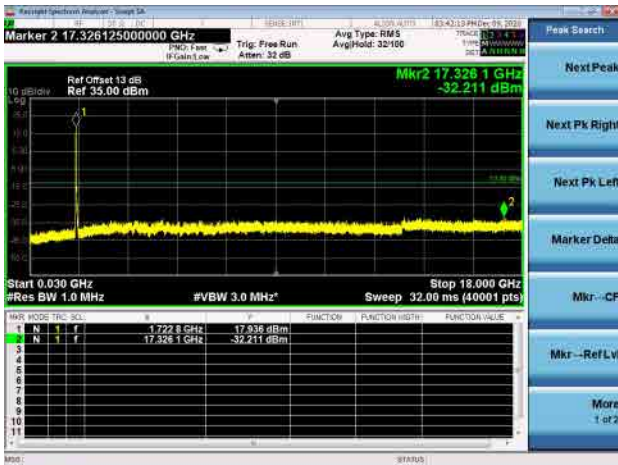
LOW CH/QPSK/1RB0 and 1RB24



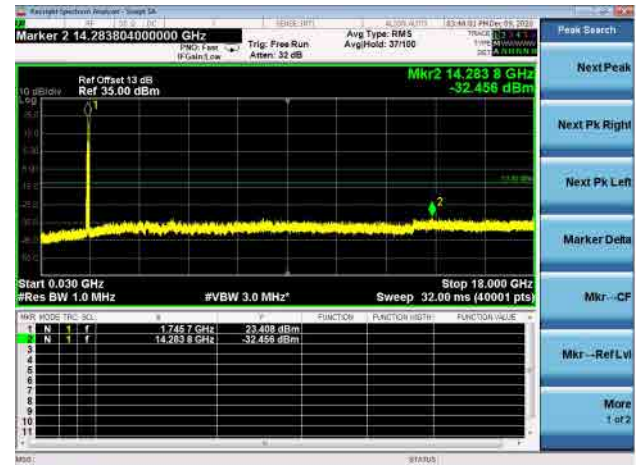
LOW CH/QPSK/1RB74 and 1RB0



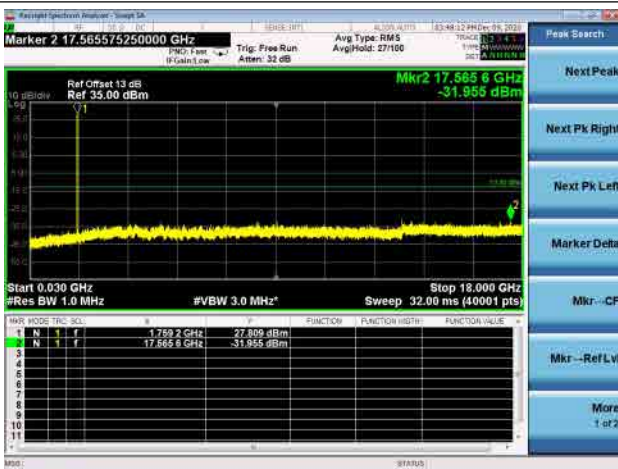
LOW CH/QPSK/FULL RB



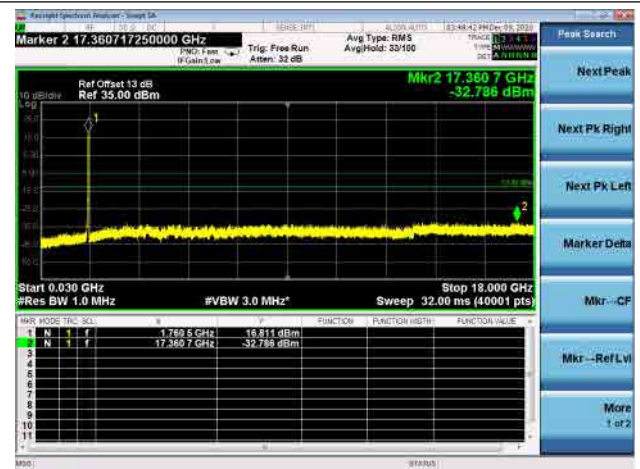
Mid CH/QPSK/1RB0 and 1RB24



Mid CH/QPSK/1RB74 and 1RB0

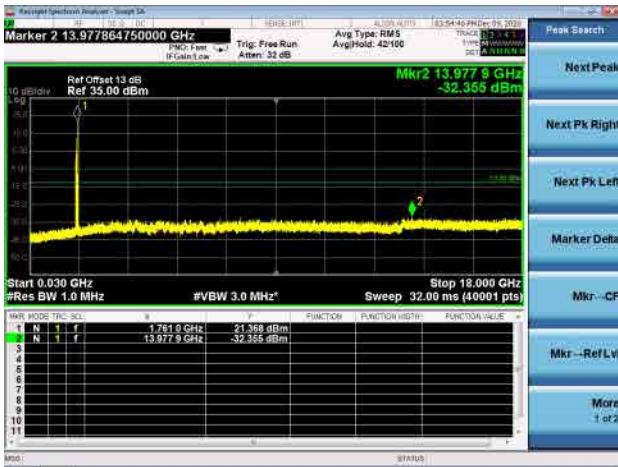


Mid CH/QPSK/FULL RB

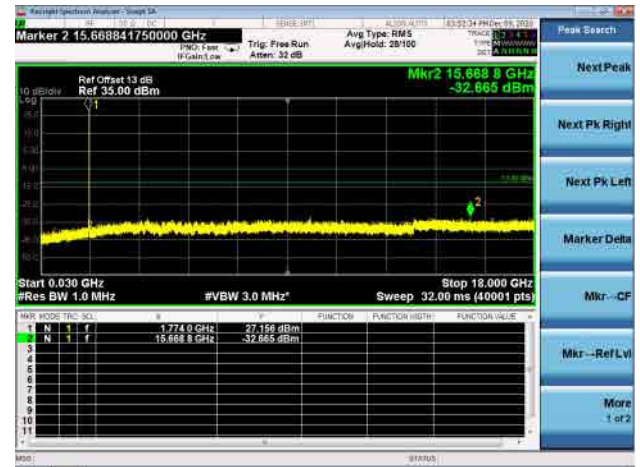




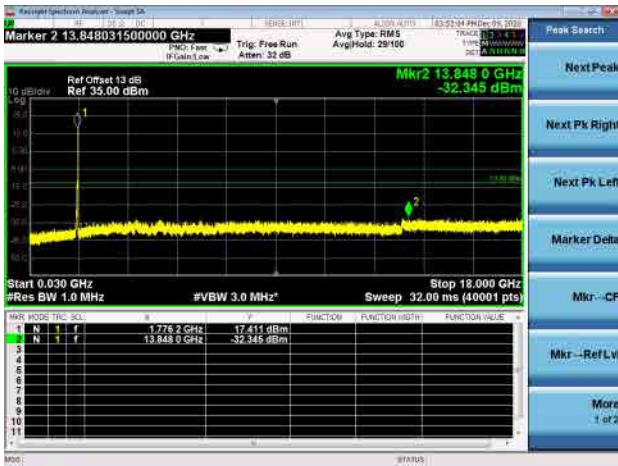
High CH/QPSK/1RB0 and 1RB24



High CH/QPSK/1RB74 and 1RB0



High CH/QPSK/FULL RB

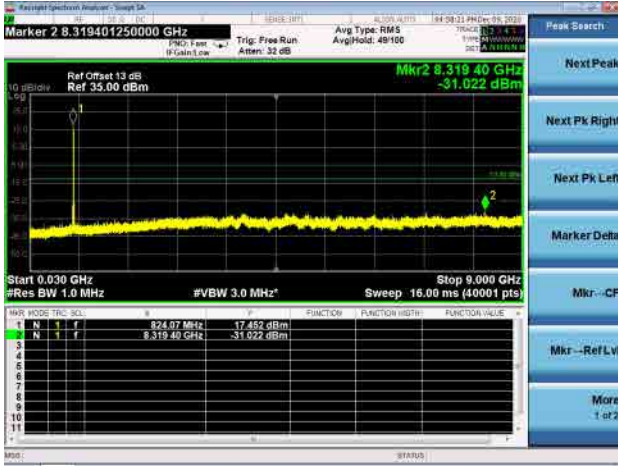




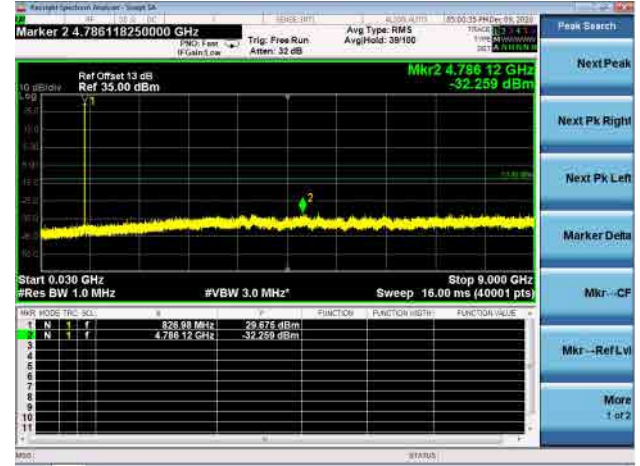
LTE Band 5B CSE

Channel Bandwidth: 3MHz+5MHz

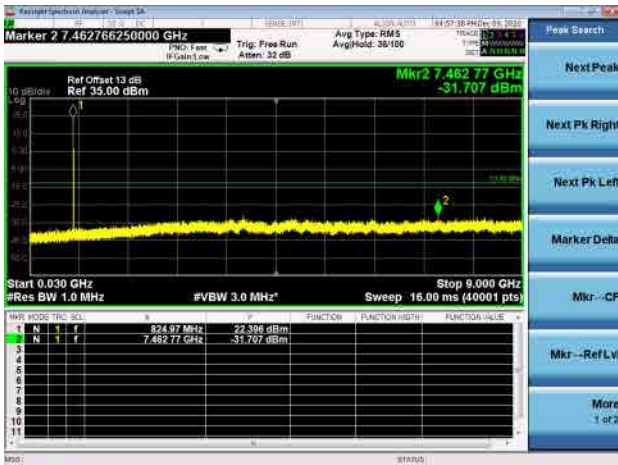
LOW CH/QPSK/1RB0 and 1RB24



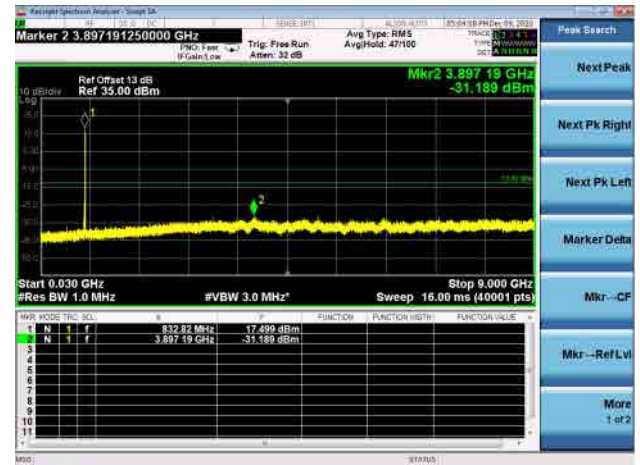
LOW CH/QPSK/1RB14 and 1RB0



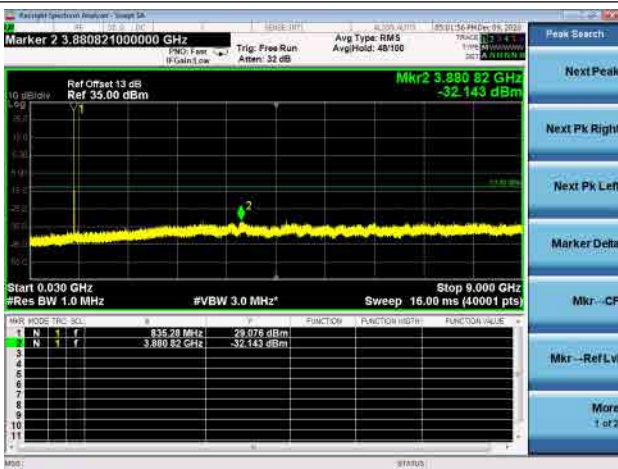
LOW CH/QPSK/FULL RB



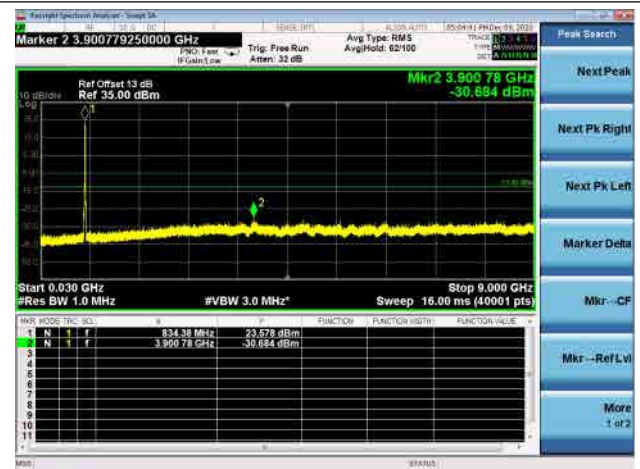
Mid CH/QPSK/1RB0 and 1RB24



Mid CH/QPSK/1RB14 and 1RB0

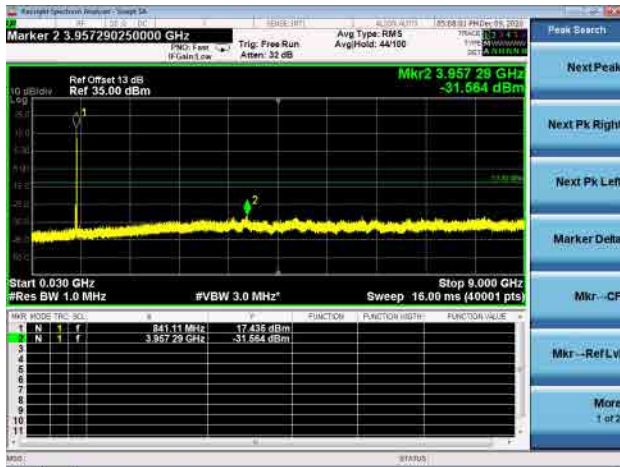


Mid CH/QPSK/FULL RB

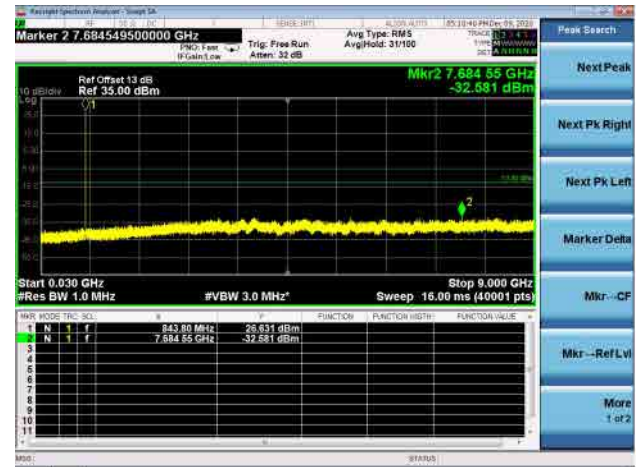




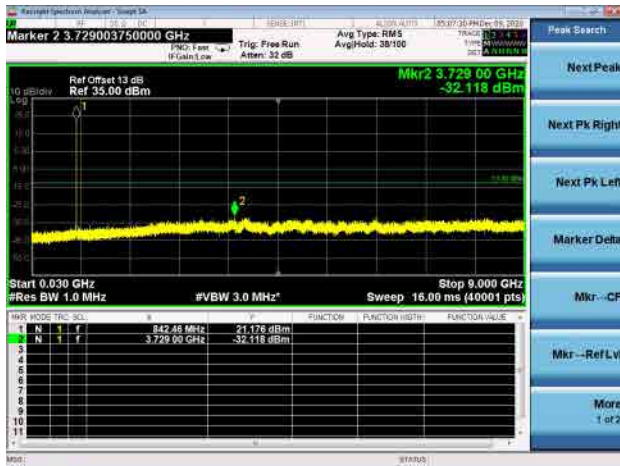
High CH/QPSK/1RB0 and 1RB24



High CH/QPSK/1RB14 and 1RB0



High CH/QPSK/FULL RB





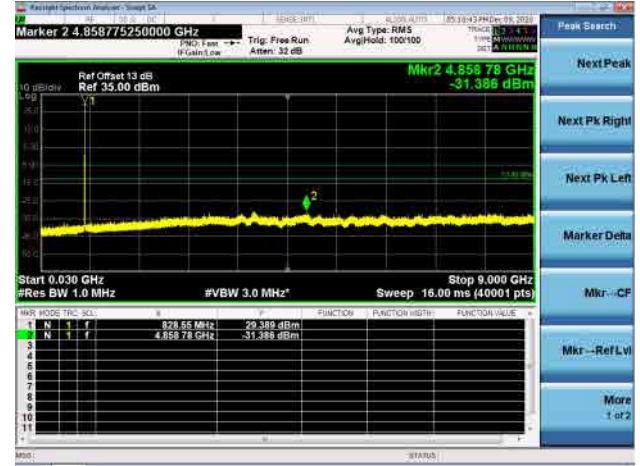
LTE Band 5B CSE

Channel Bandwidth: 5MHz+3MHz

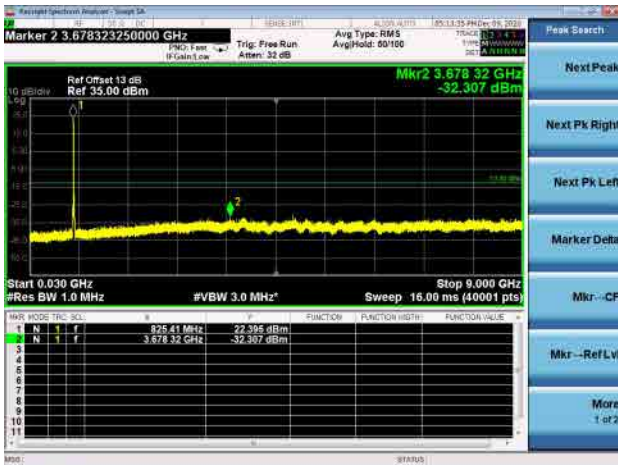
LOW CH/QPSK/1RB0 and 1RB14



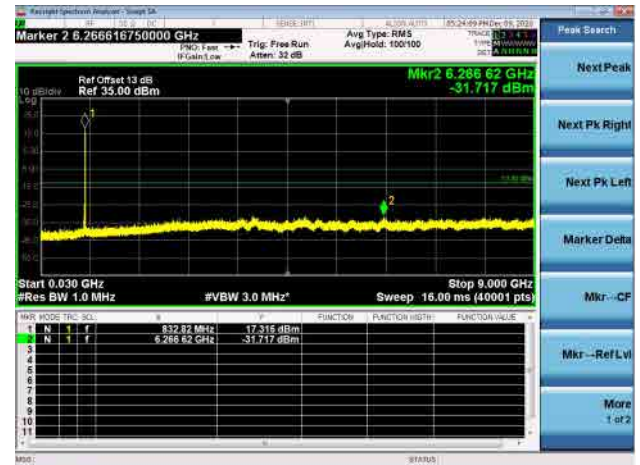
LOW CH/QPSK/1RB24 and 1RB0



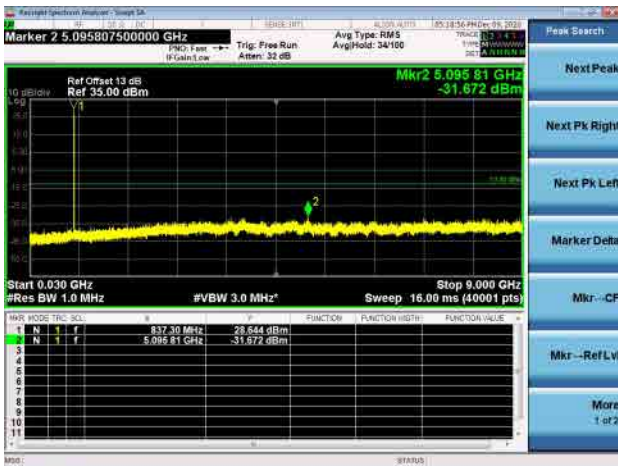
LOW CH/QPSK/FULL RB



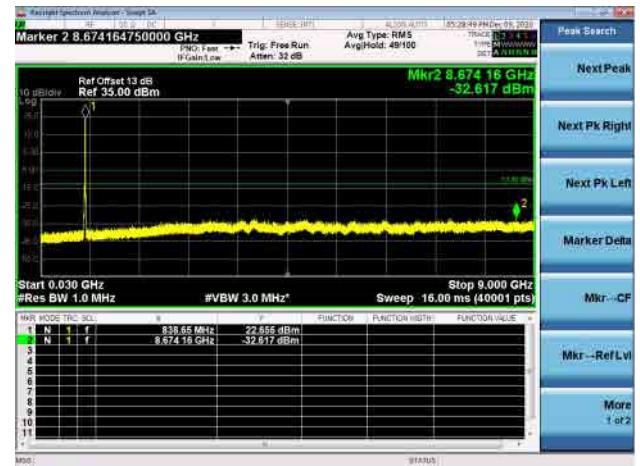
Mid CH/QPSK/1RB0 and 1RB14



Mid CH/QPSK/1RB24 and 1RB0

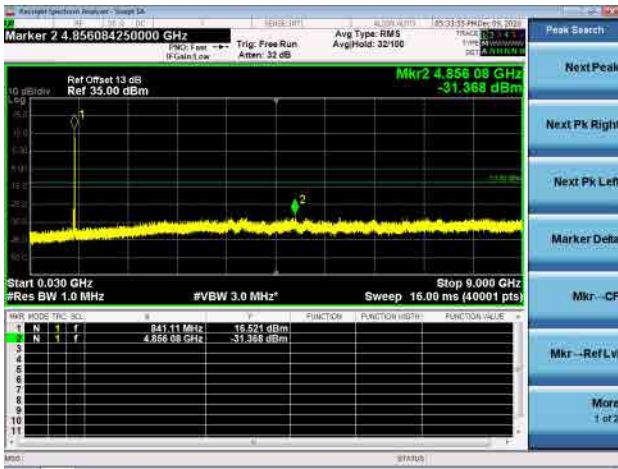


Mid CH/QPSK/FULL RB

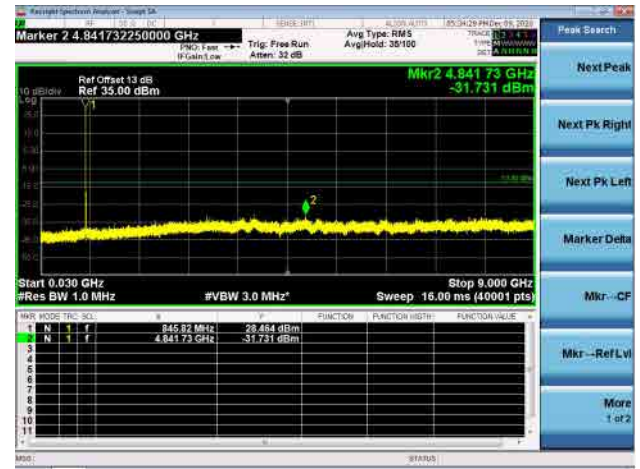




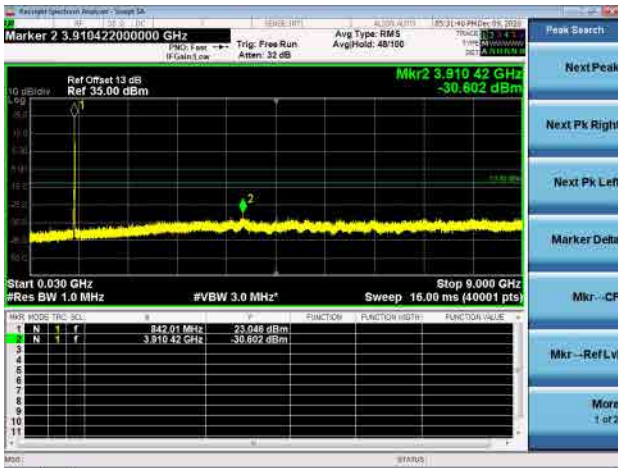
High CH/QPSK/1RB0 and 1RB14



High CH/QPSK/1RB24 and 1RB0



High CH/QPSK/FULL RB





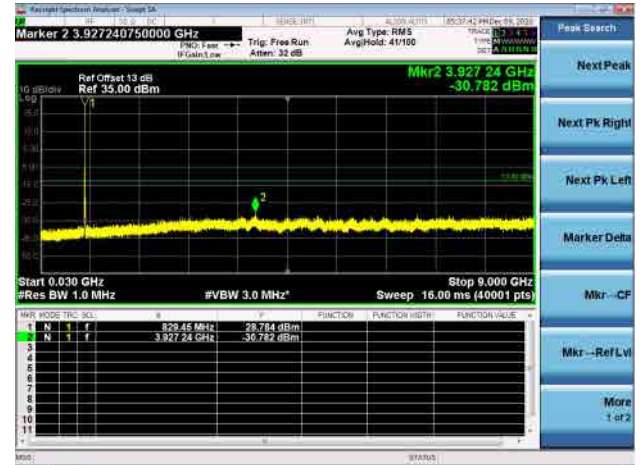
LTE Band 5B CSE

Channel Bandwidth: 5MHz+10MHz

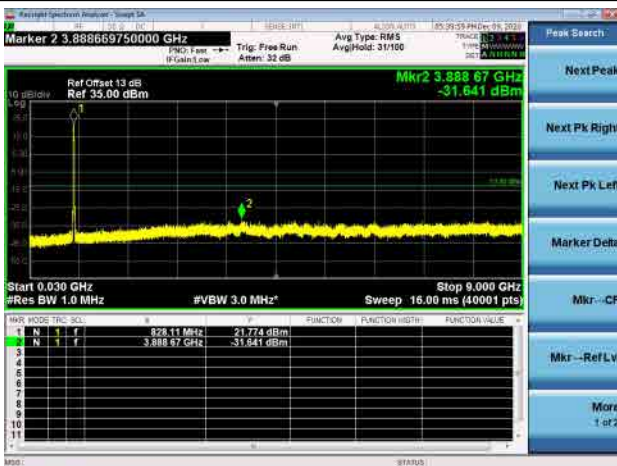
LOW CH/QPSK/1RB0 and 1RB49



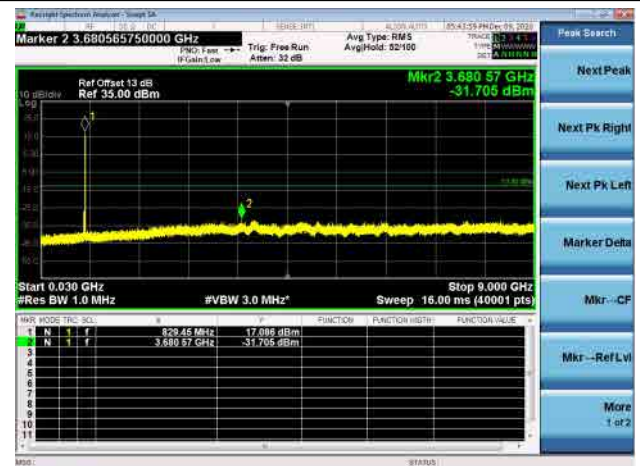
LOW CH/QPSK/1RB24 and 1RB0



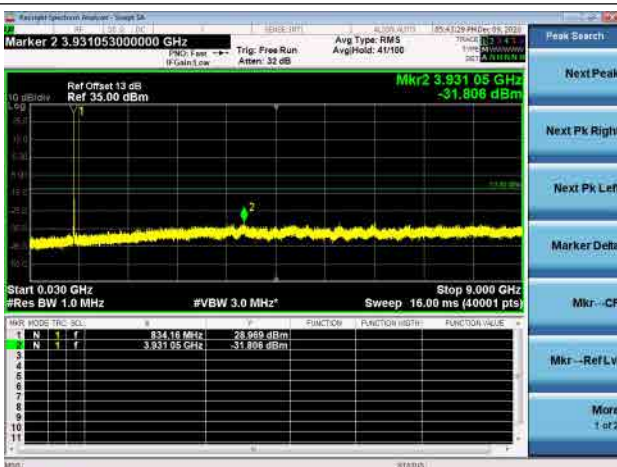
LOW CH/QPSK/FULL RB



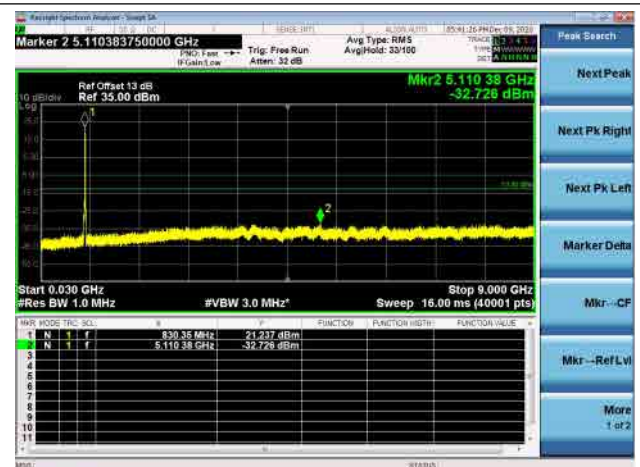
Mid CH/QPSK/1RB0 and 1RB49



Mid CH/QPSK/1RB24 and 1RB0

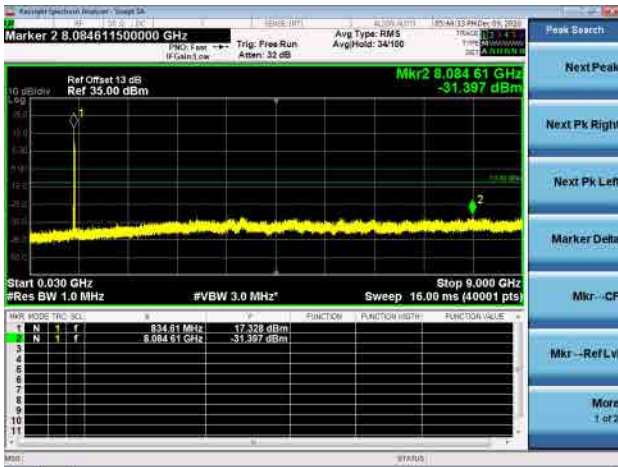


Mid CH/QPSK/FULL RB

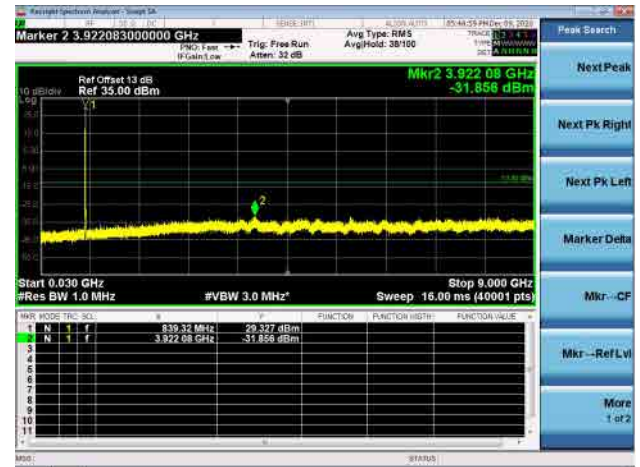




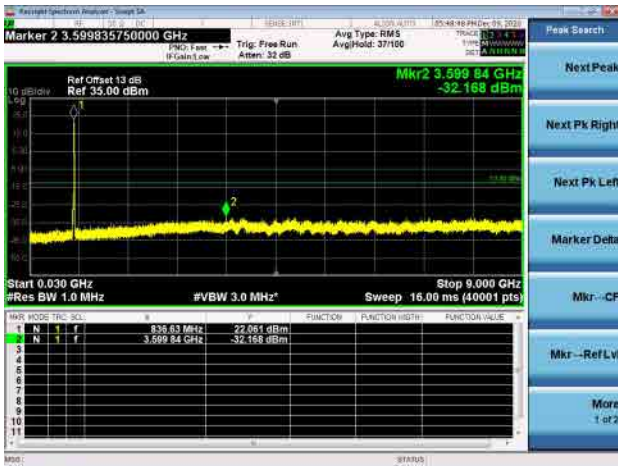
High CH/QPSK/1RB0 and 1RB49



High CH/QPSK/1RB24 and 1RB0



High CH/QPSK/FULL RB

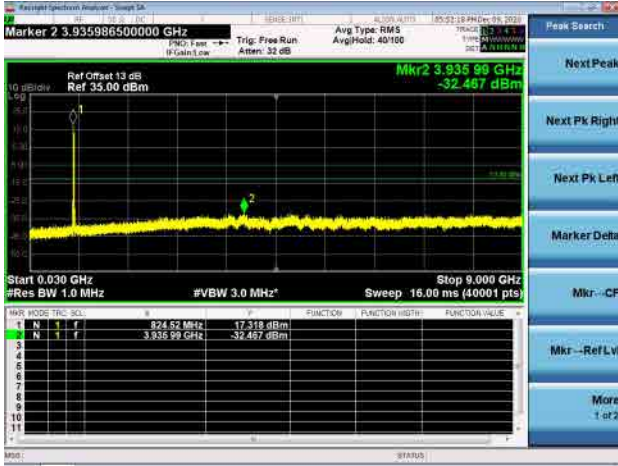




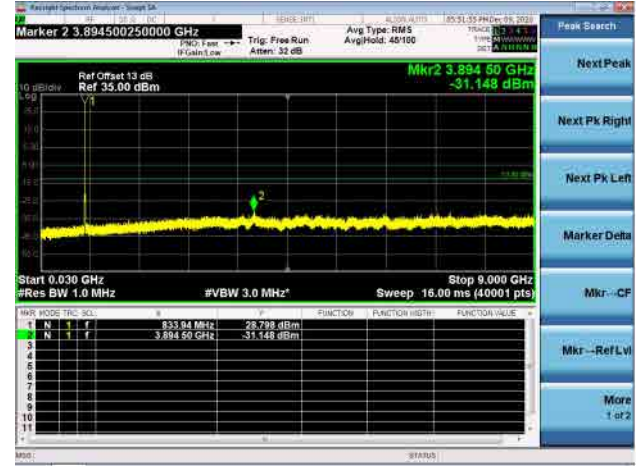
LTE Band 5B CSE

Channel Bandwidth:10MHz+5MHz

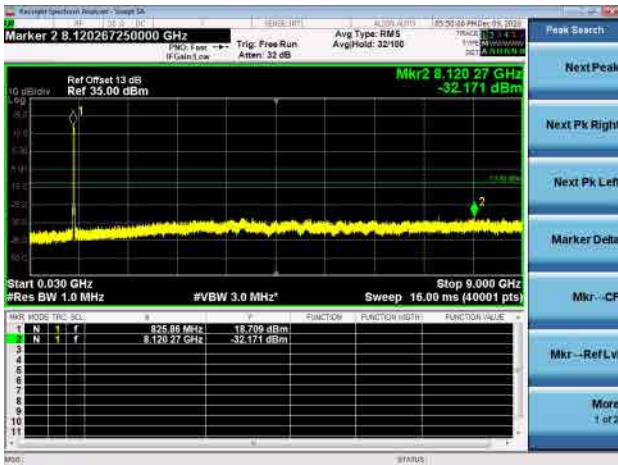
LOW CH/QPSK/1RB0 and 1RB24



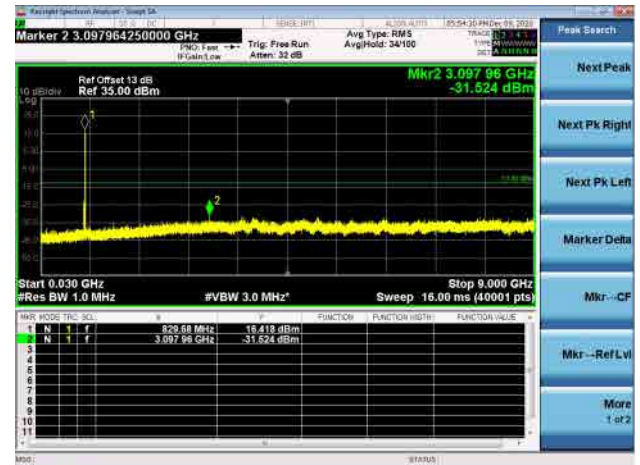
LOW CH/QPSK/1RB49 and 1RB0



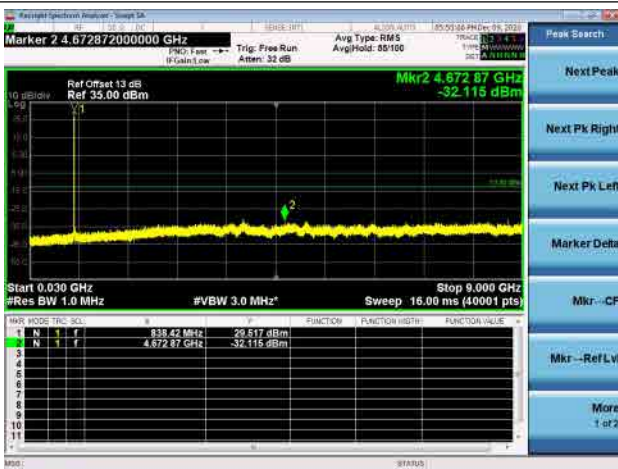
LOW CH/QPSK/FULL RB



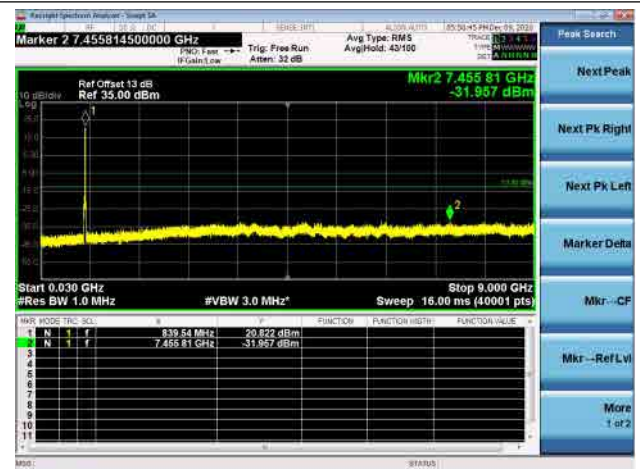
Mid CH/QPSK/1RB0 and 1RB24



Mid CH/QPSK/1RB49 and 1RB0

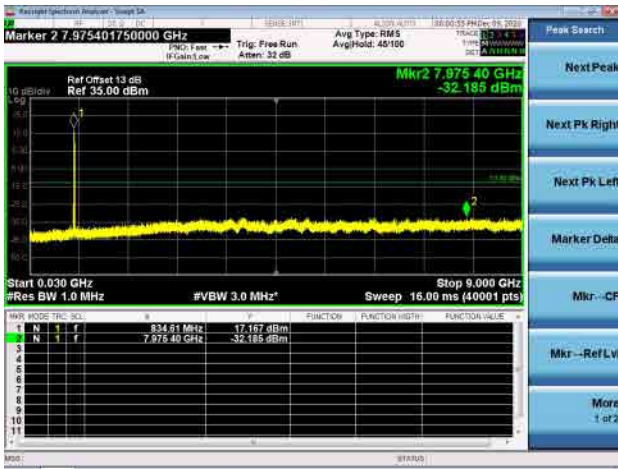


Mid CH/QPSK/FULL RB

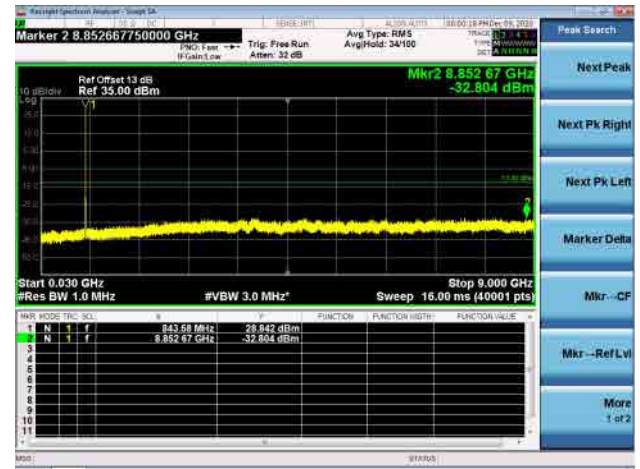




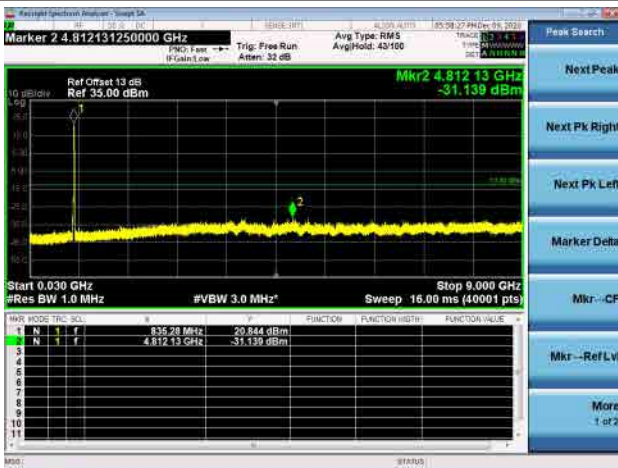
High CH/QPSK/1RB0 and 1RB24



High CH/QPSK/1RB49 and 1RB0



High CH/QPSK/FULL RB

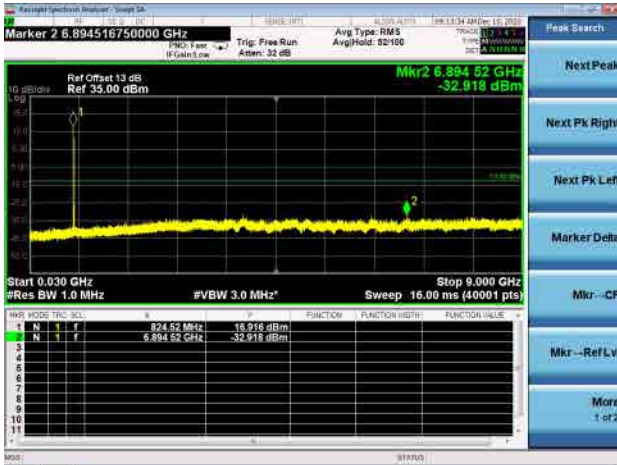




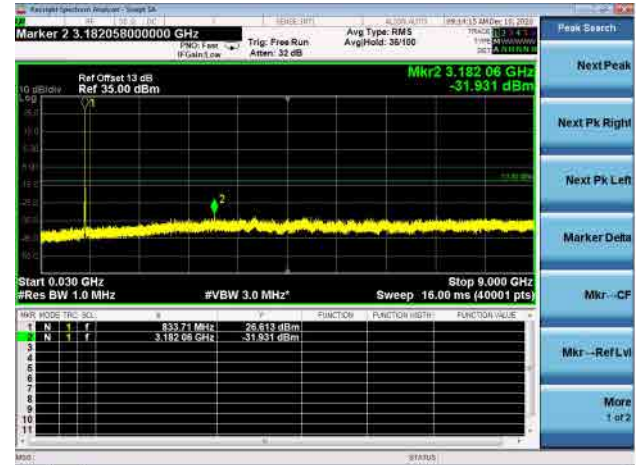
LTE Band 5B CSE

Channel Bandwidth:10MHz+10MHz

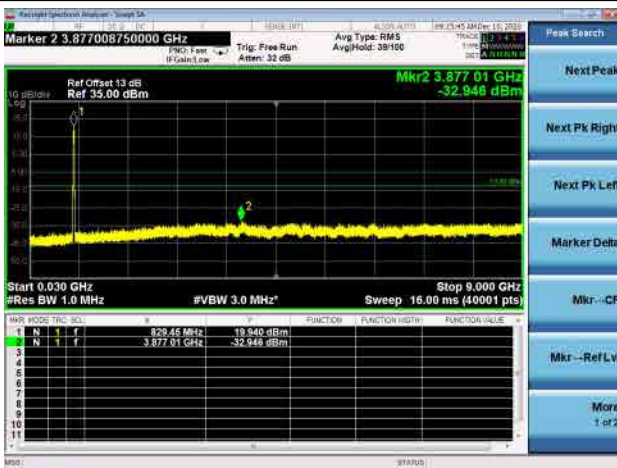
LOW CH/QPSK/1RB0 and 1RB49



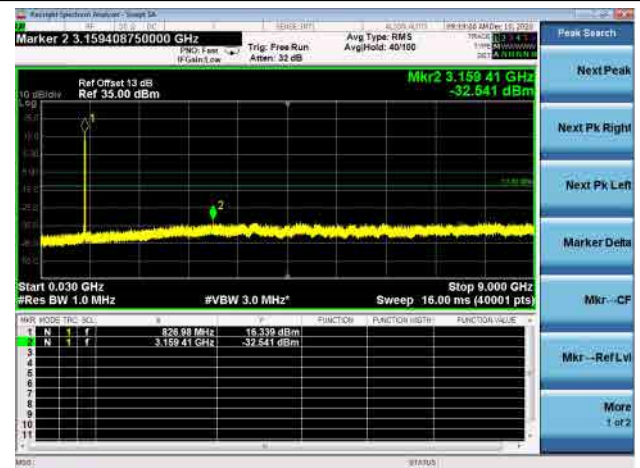
LOW CH/QPSK/1RB49 and 1RB0



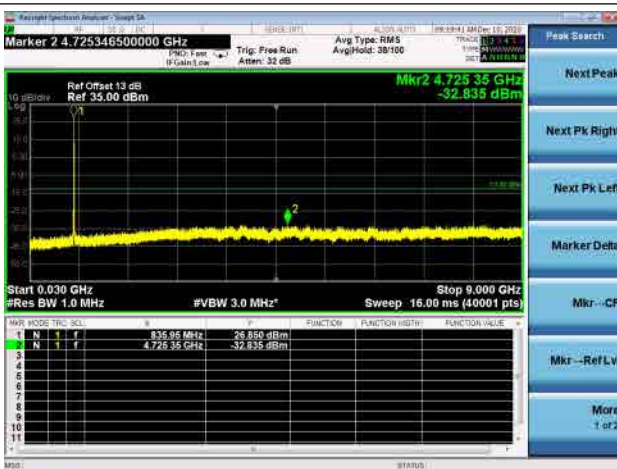
LOW CH/QPSK/FULL RB



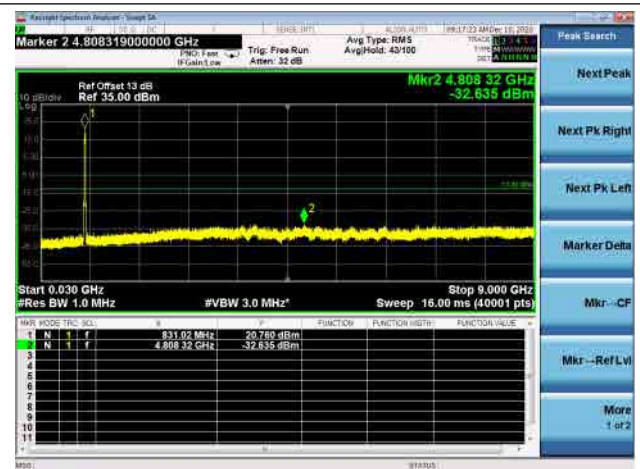
Mid CH/QPSK/1RB0 and 1RB49



Mid CH/QPSK/1RB49 and 1RB0

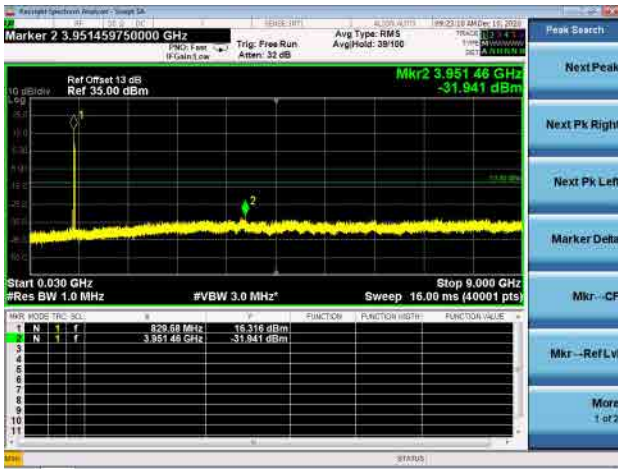


Mid CH/QPSK/FULL RB

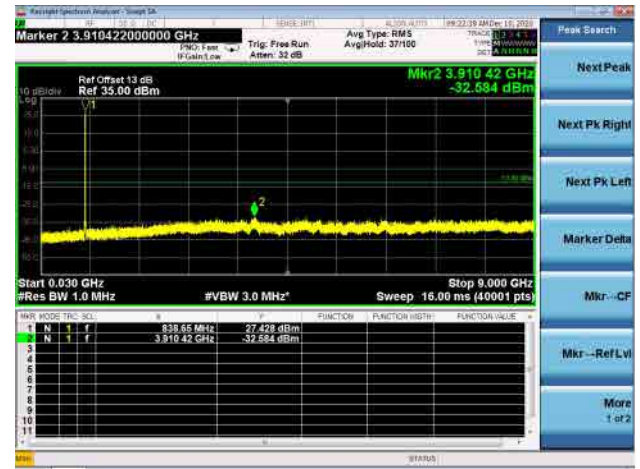




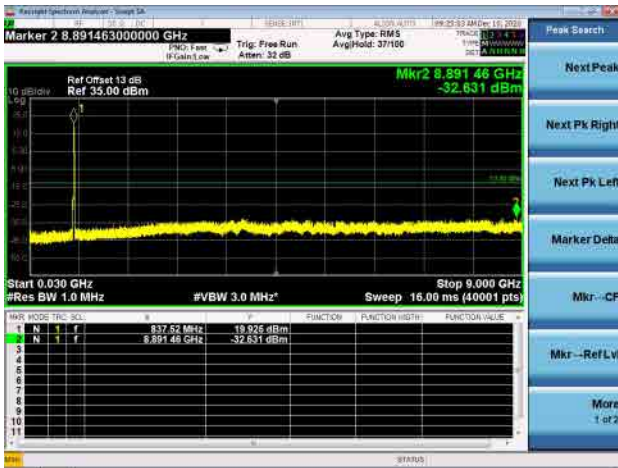
High CH/QPSK/1RB0 and 1RB49



High CH/QPSK/1RB49 and 1RB0



High CH/QPSK/FULL RB

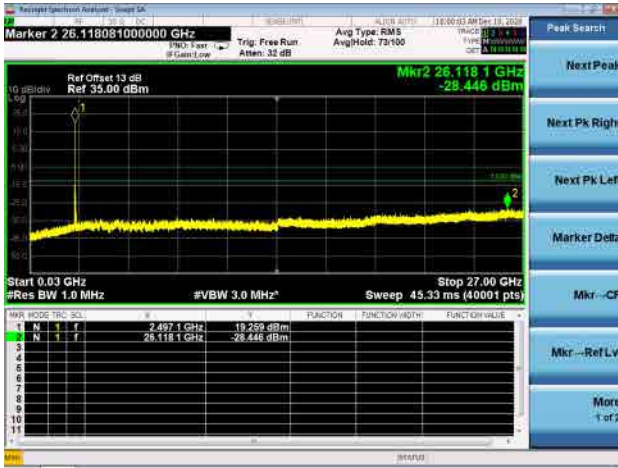




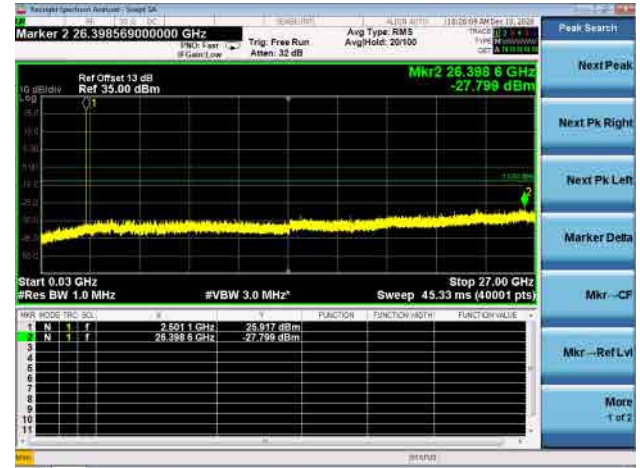
LTE Band 41C CSE

Channel Bandwidth:5MHz+20MHz

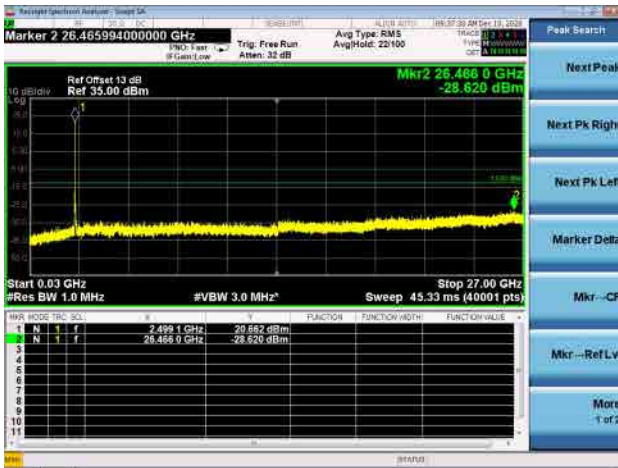
LOW CH/QPSK/1RB0 and 1RB99



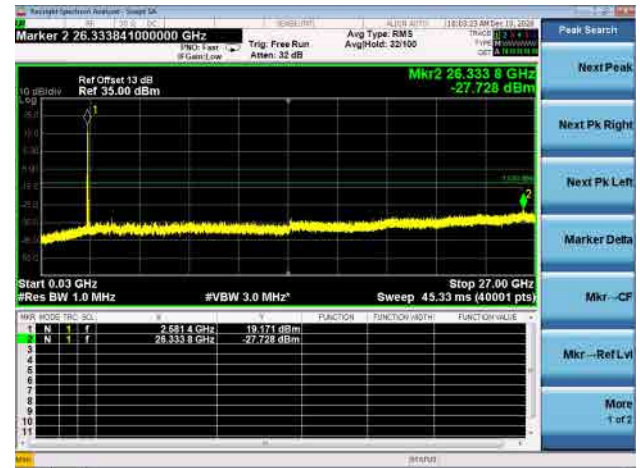
LOW CH/QPSK/1RB24 and 1RB0



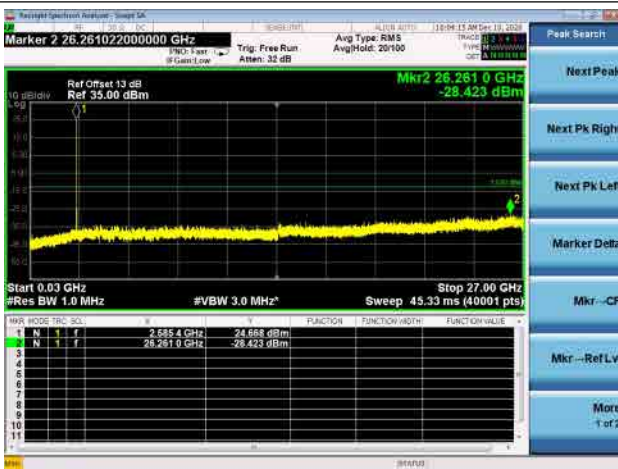
LOW CH/QPSK/FULL RB



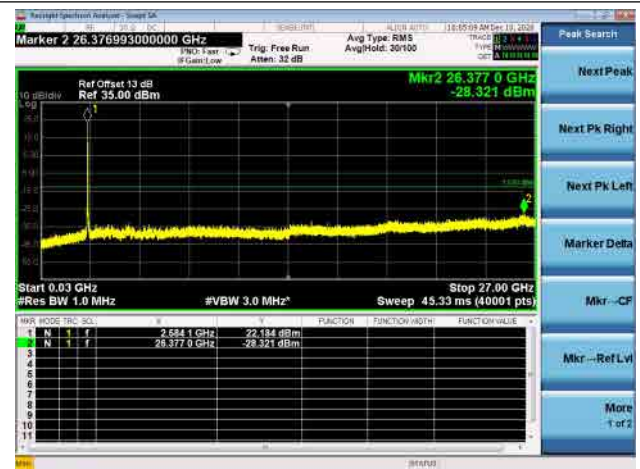
Mid CH/QPSK/1RB0 and 1RB99



Mid CH/QPSK/1RB24 and 1RB0

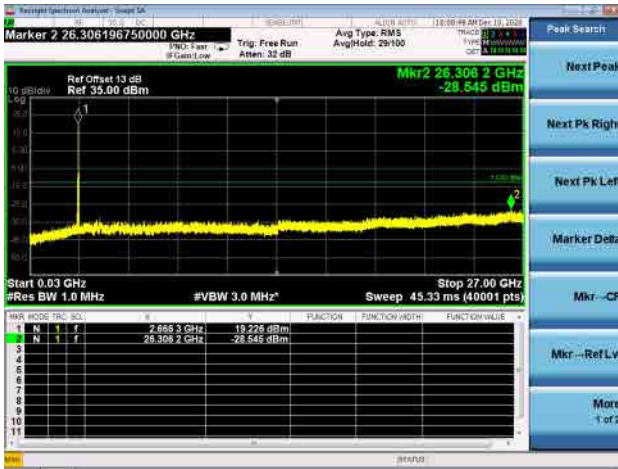


Mid CH/QPSK/FULL RB

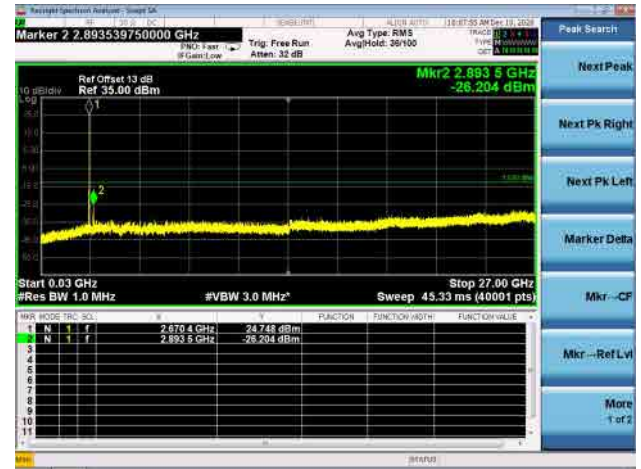




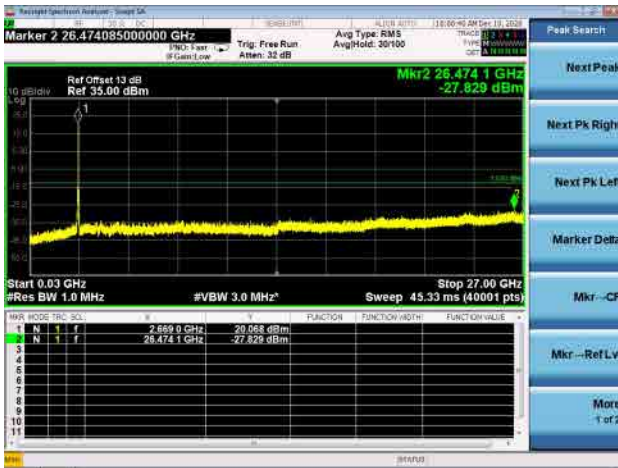
High CH/QPSK/1RB0 and 1RB99



High CH/QPSK/1RB24 and 1RB0



High CH/QPSK/FULL RB

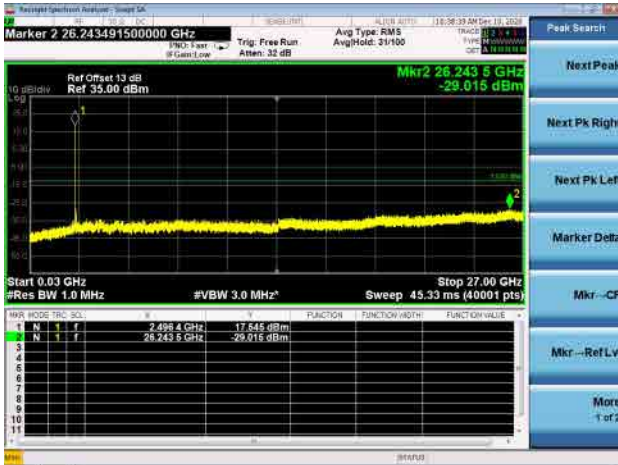




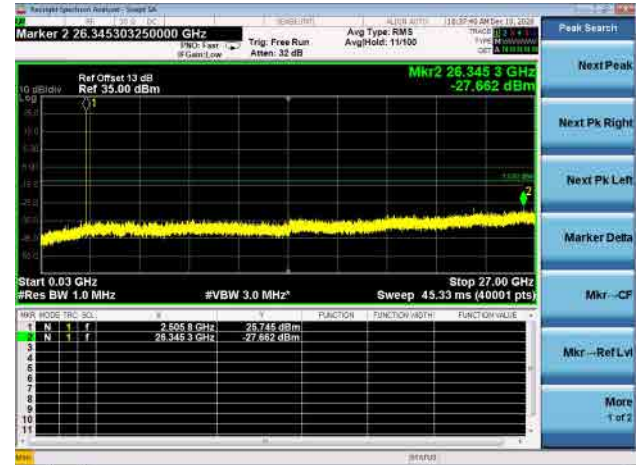
LTE Band 41C CSE

Channel Bandwidth:10MHz+15MHz

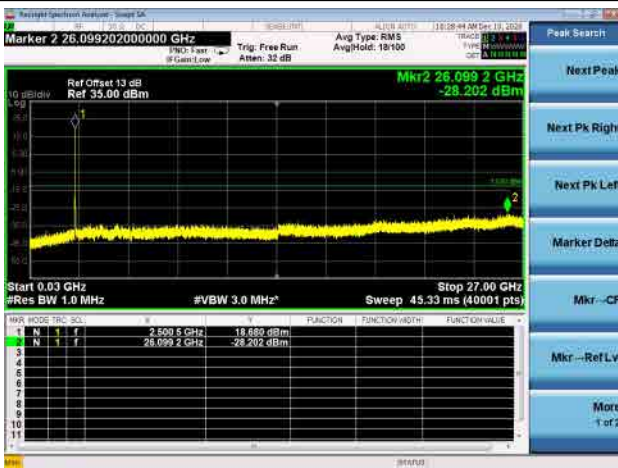
LOW CH/QPSK/1RB0 and 1RB74



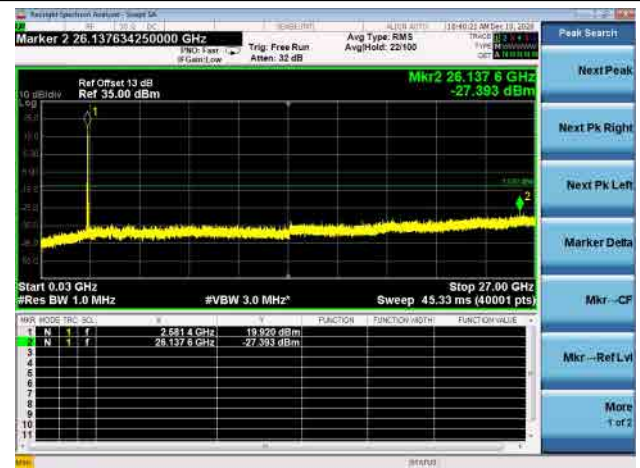
LOW CH/QPSK/1RB49 and 1RB0



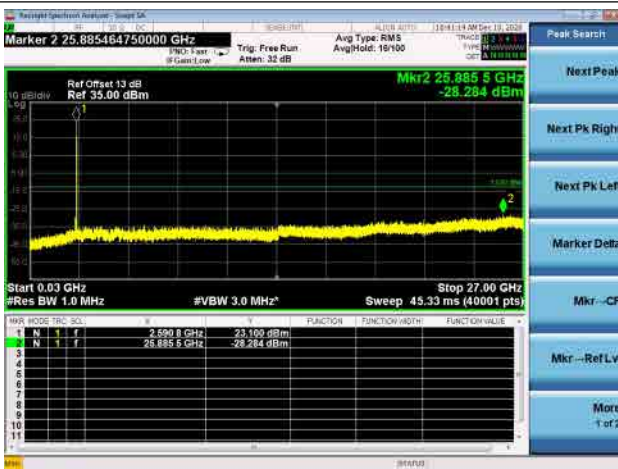
LOW CH/QPSK/FULL RB



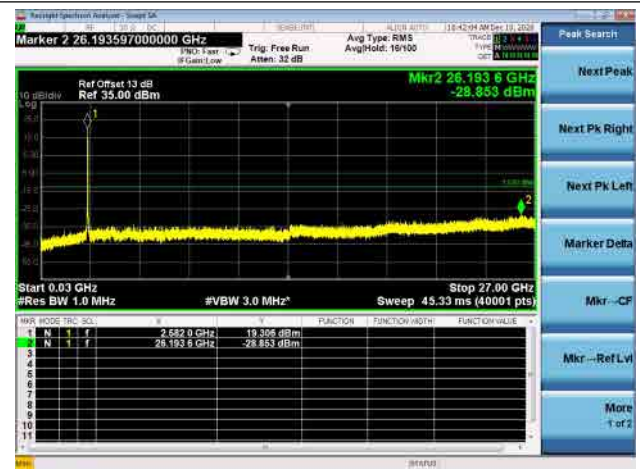
Mid CH/QPSK/1RB0 and 1RB74



Mid CH/QPSK/1RB49 and 1RB0

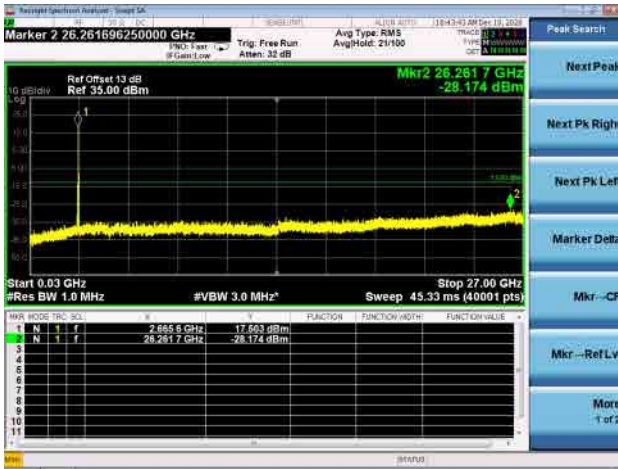


Mid CH/QPSK/FULL RB

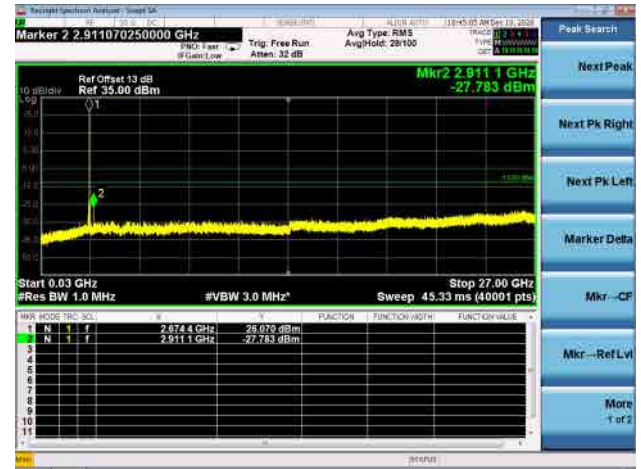




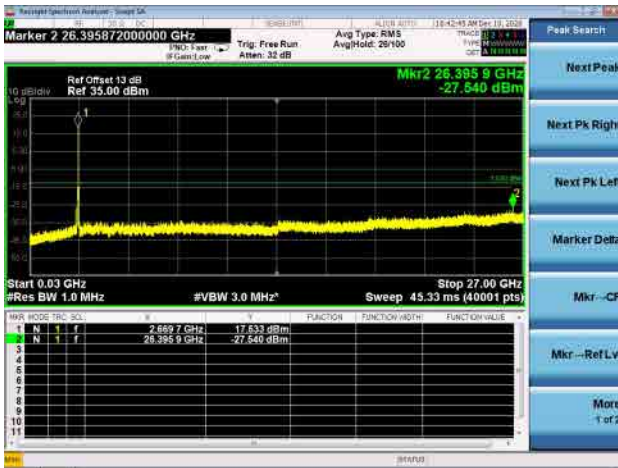
High CH/QPSK/1RB0 and 1RB74



High CH/QPSK/1RB49 and 1RB0



High CH/QPSK/FULL RB

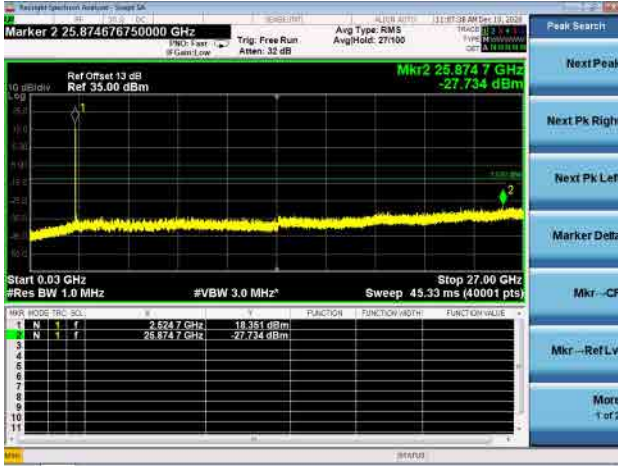




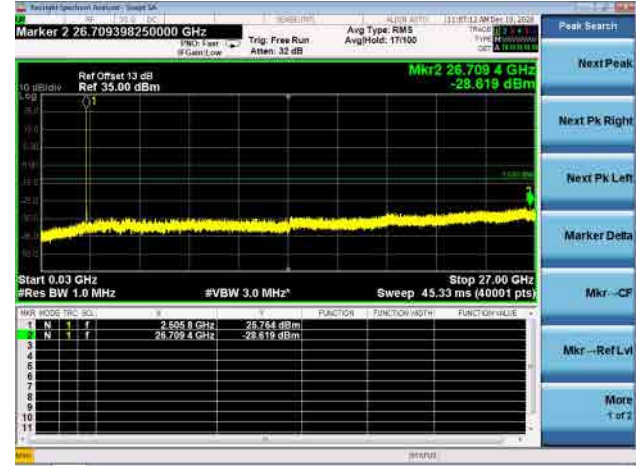
LTE Band 41C CSE

Channel Bandwidth:10MHz+20MHz

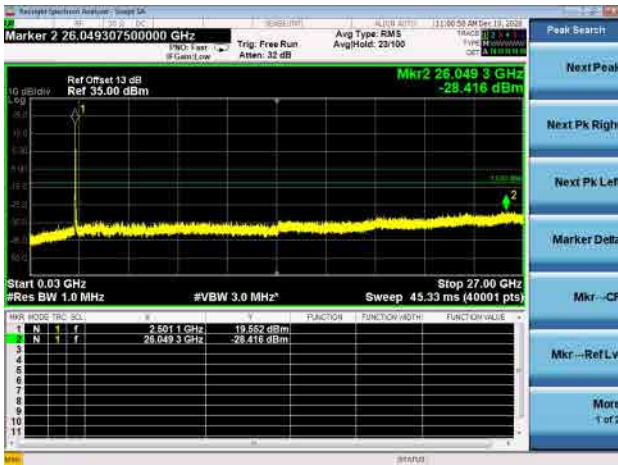
LOW CH/QPSK/1RB0 and 1RB99



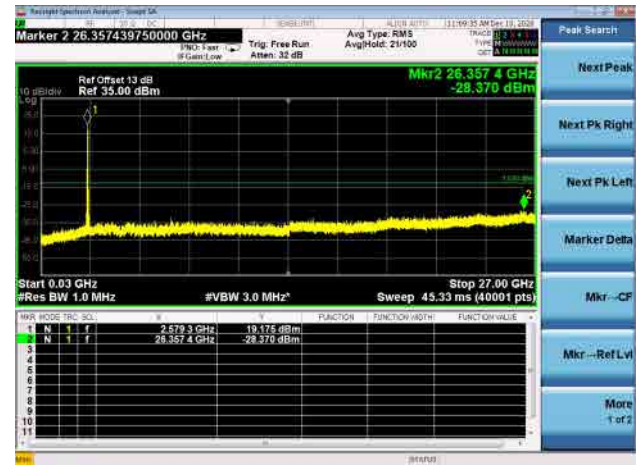
LOW CH/QPSK/1RB49 and 1RB0



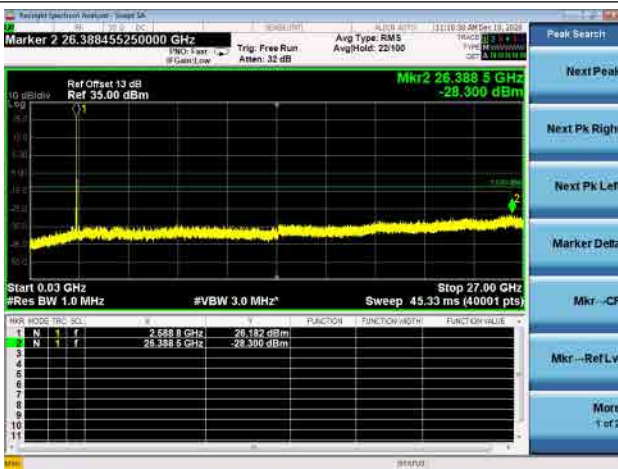
LOW CH/QPSK/FULL RB



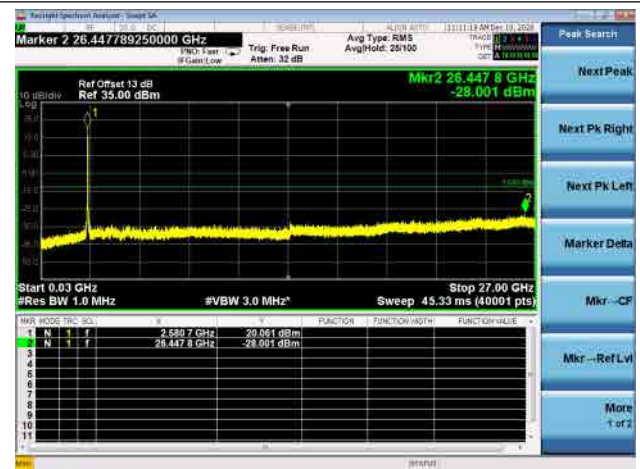
Mid CH/QPSK/1RB0 and 1RB99



Mid CH/QPSK/1RB49 and 1RB0

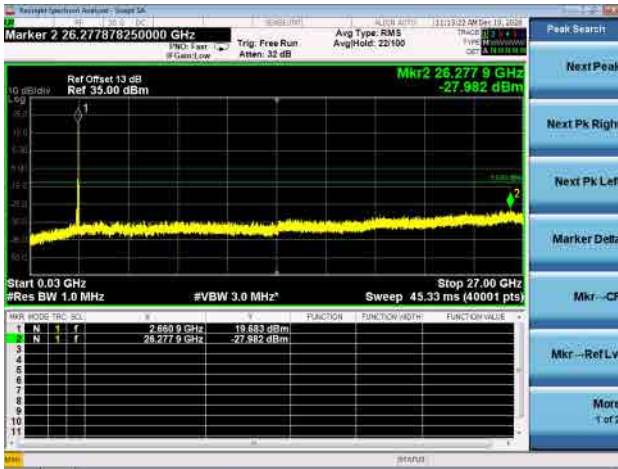


Mid CH/QPSK/FULL RB

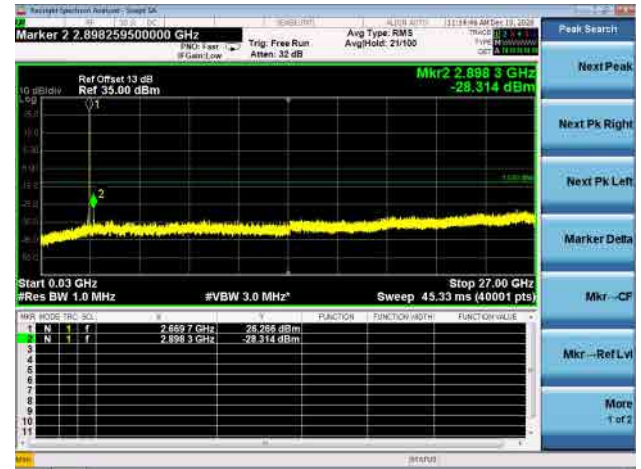




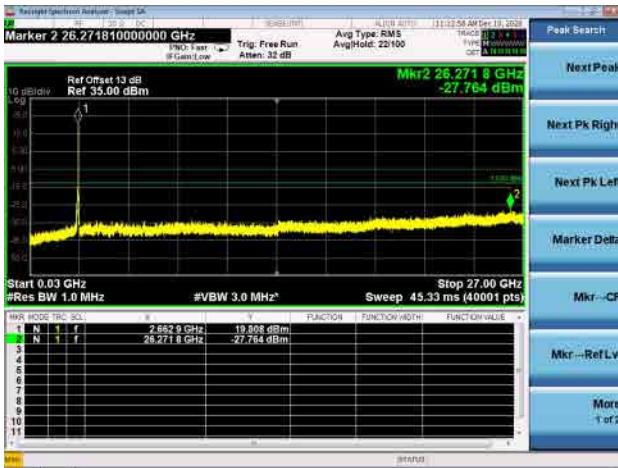
High CH/QPSK/1RB0 and 1RB99



High CH/QPSK/1RB49 and 1RB0



High CH/QPSK/FULL RB

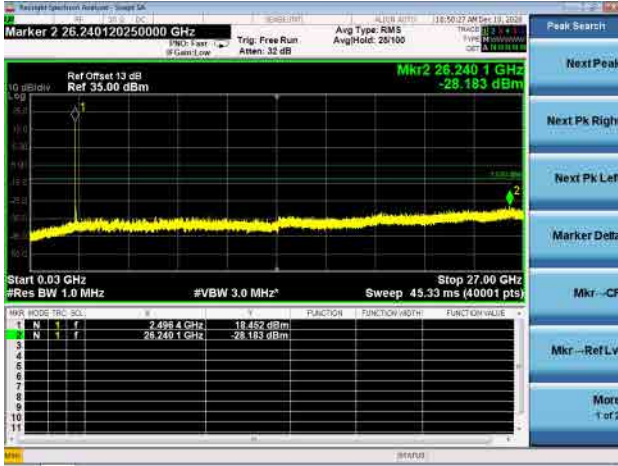




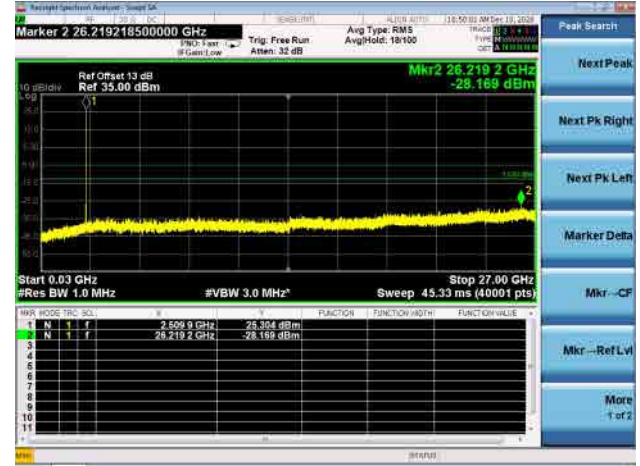
LTE Band 41C CSE

Channel Bandwidth:15MHz+10MHz

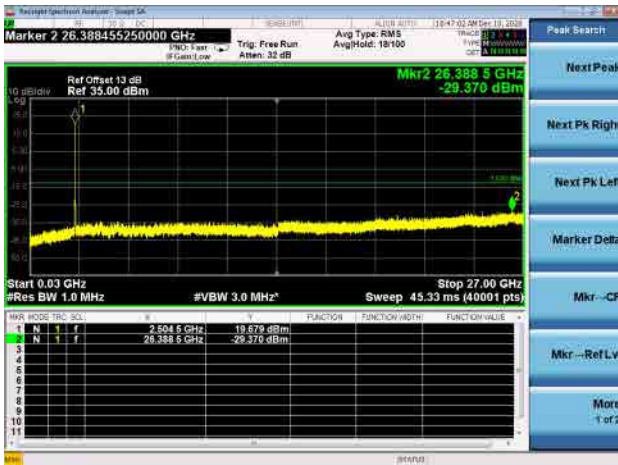
LOW CH/QPSK/1RB0 and 1RB49



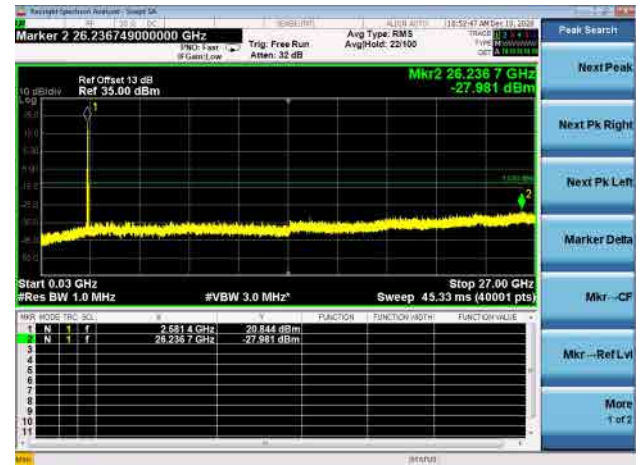
LOW CH/QPSK/1RB74 and 1RB0



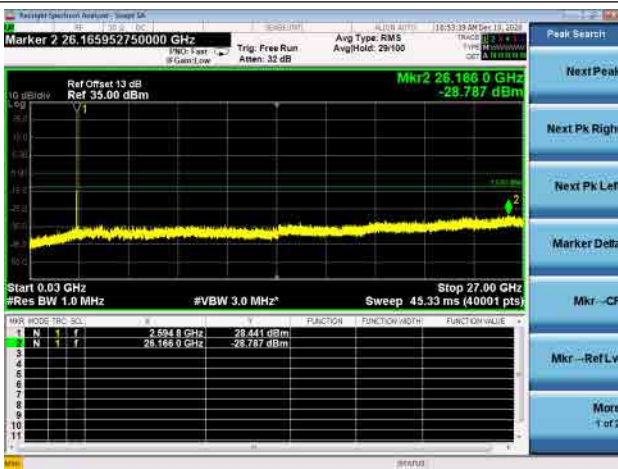
LOW CH/QPSK/FULL RB



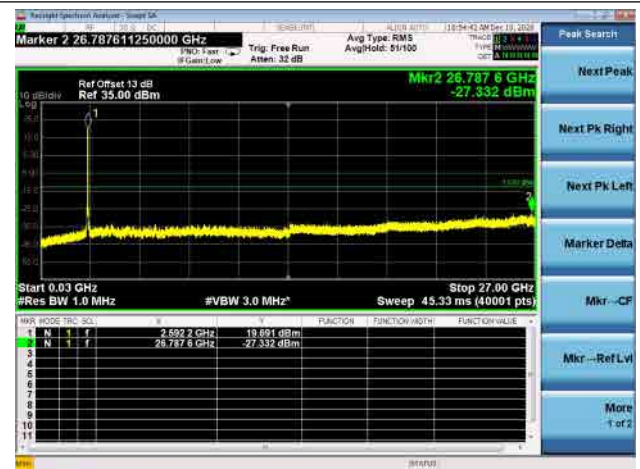
Mid CH/QPSK/1RB0 and 1RB49



Mid CH/QPSK/1RB74 and 1RB0

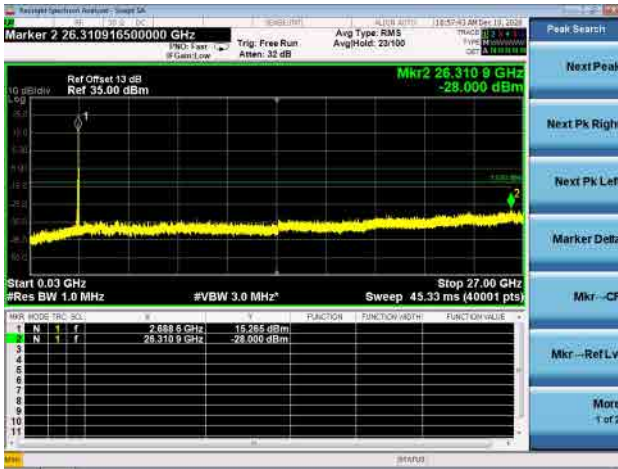


Mid CH/QPSK/FULL RB

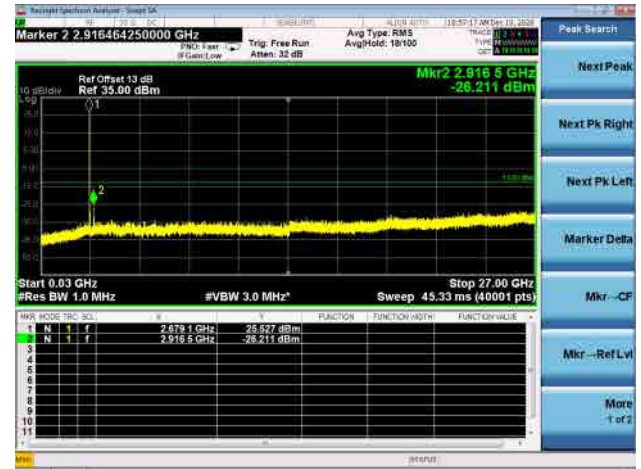




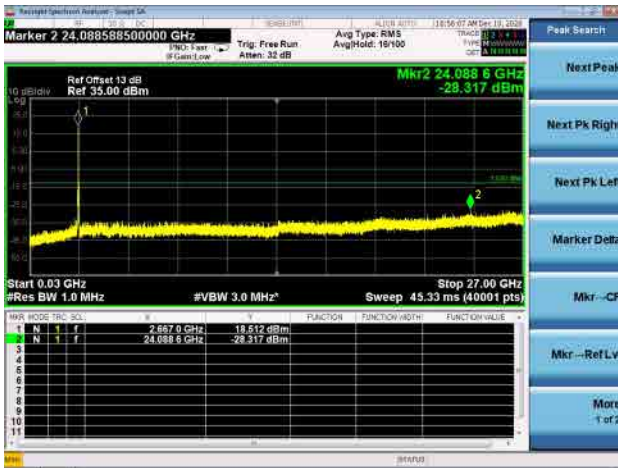
High CH/QPSK/1RB0 and 1RB49



High CH/QPSK/1RB74 and 1RB0



High CH/QPSK/FULL RB

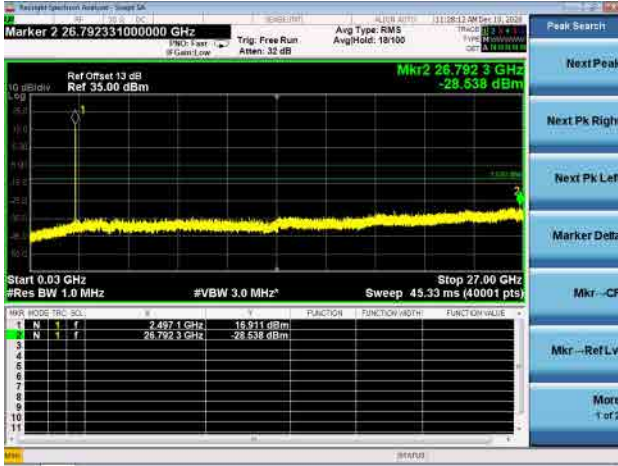




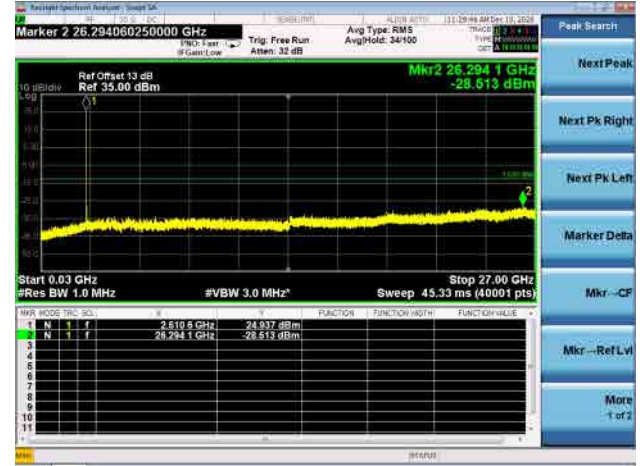
LTE Band 41C CSE

Channel Bandwidth:15MHz+15MHz

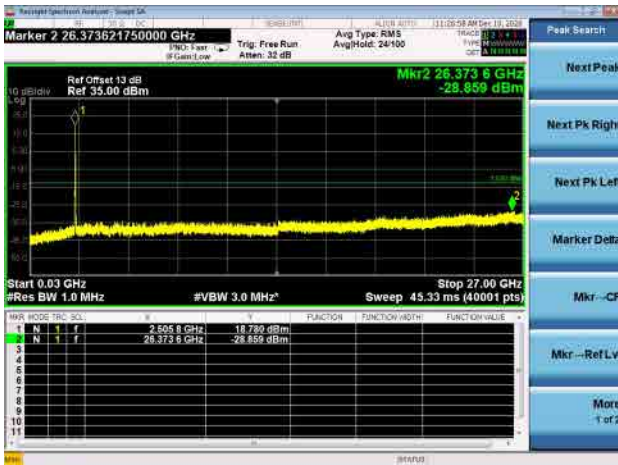
LOW CH/QPSK/1RB0 and 1RB74



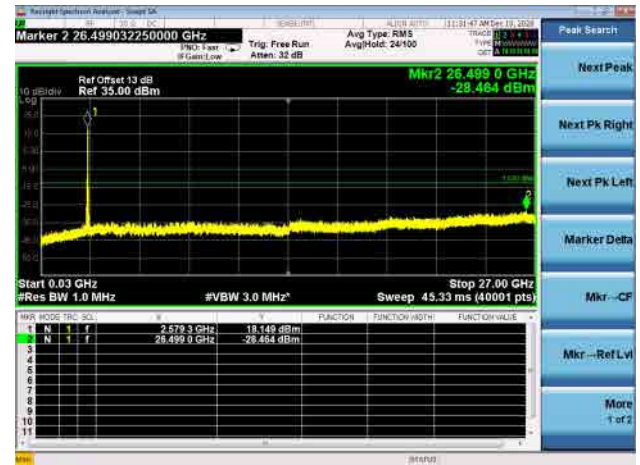
LOW CH/QPSK/1RB74 and 1RB0



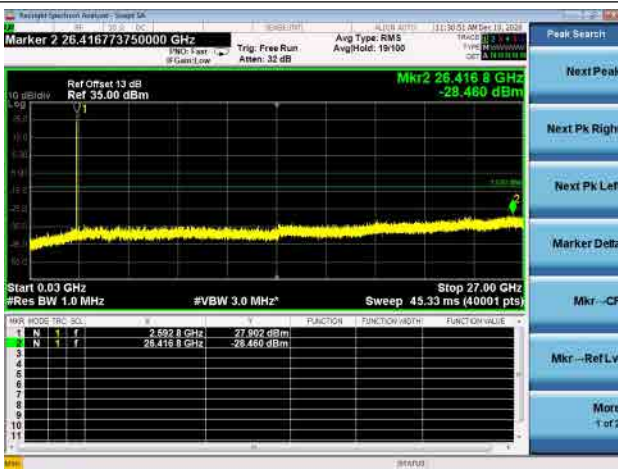
LOW CH/QPSK/FULL RB



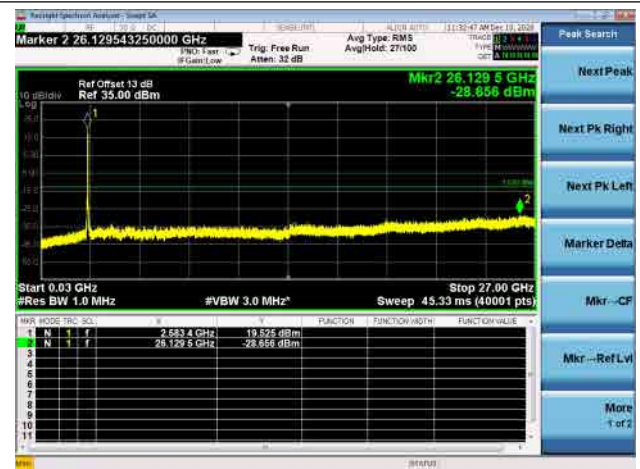
Mid CH/QPSK/1RB0 and 1RB74



Mid CH/QPSK/1RB74 and 1RB0

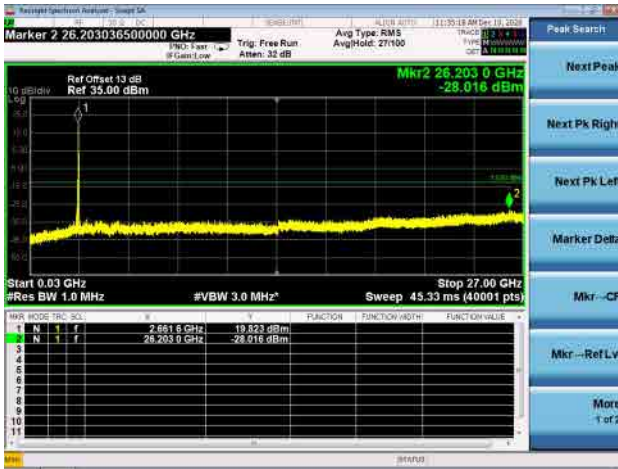


Mid CH/QPSK/FULL RB

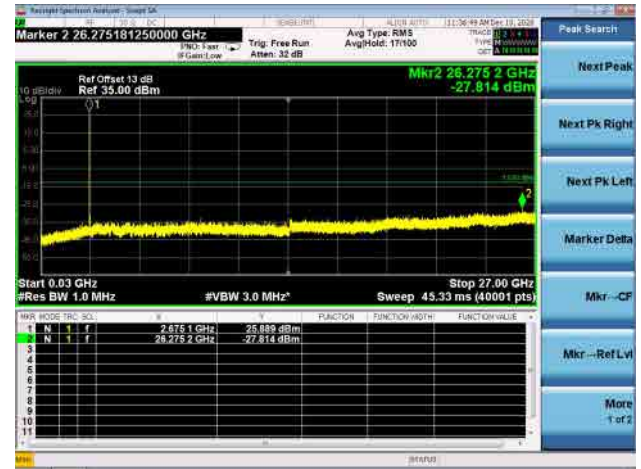




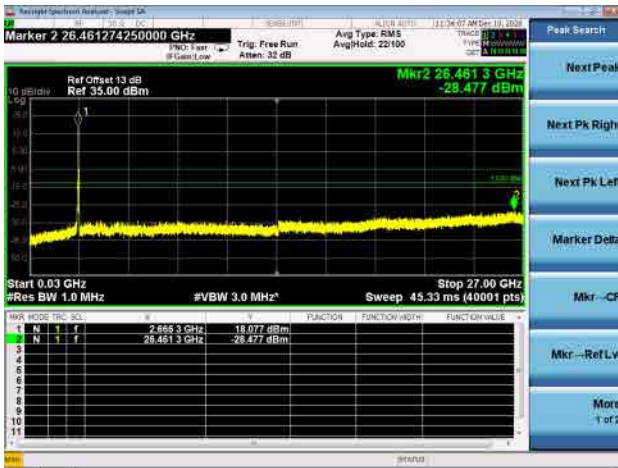
High CH/QPSK/1RB0 and 1RB74



High CH/QPSK/1RB74 and 1RB0



High CH/QPSK/FULL RB

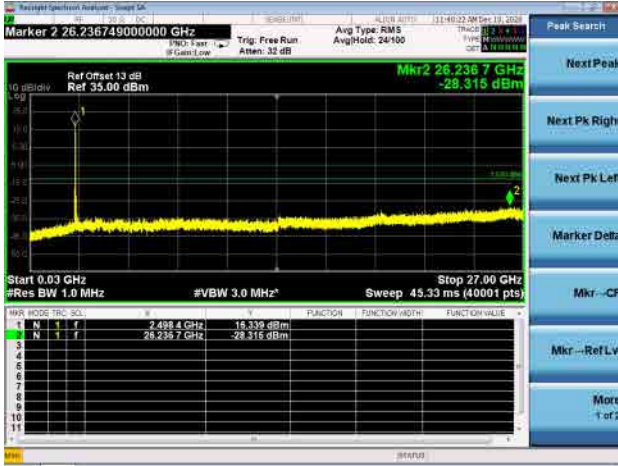




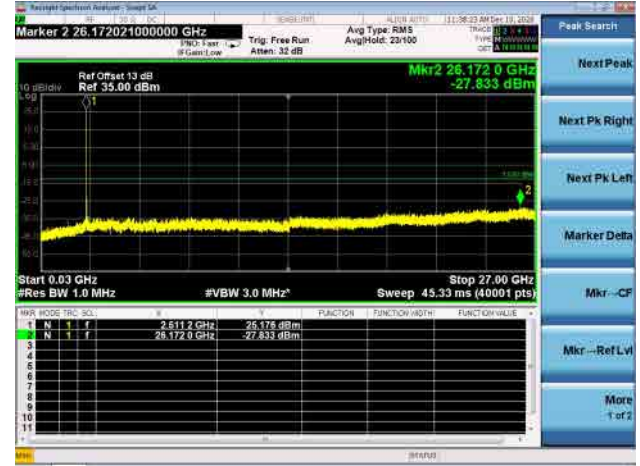
LTE Band 41C CSE

Channel Bandwidth:15MHz+20MHz

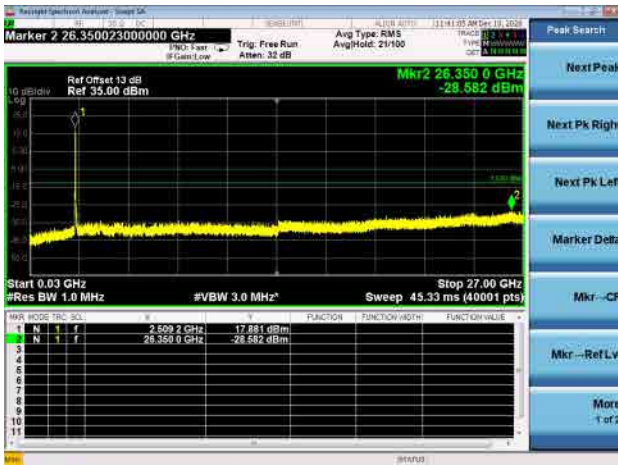
LOW CH/QPSK/1RB0 and 1RB99



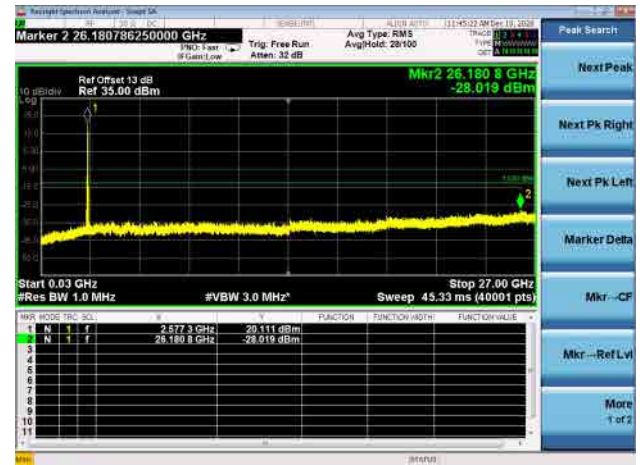
LOW CH/QPSK/1RB74 and 1RB0



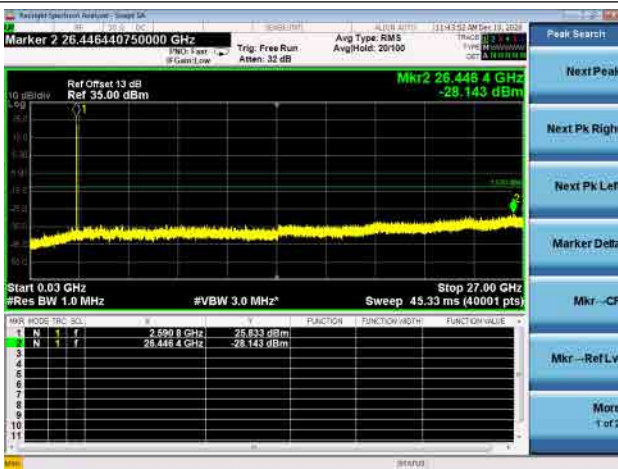
LOW CH/QPSK/FULL RB



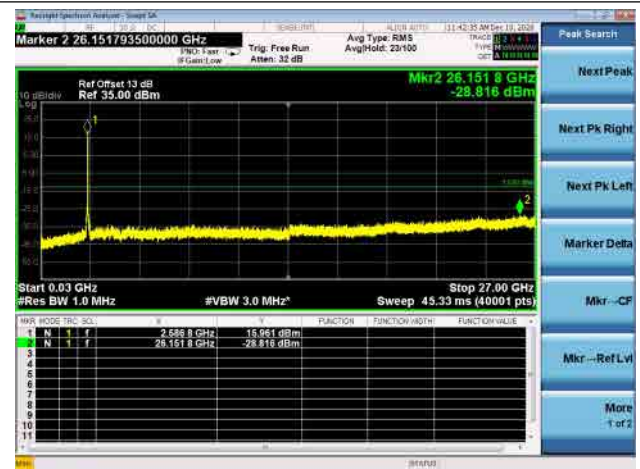
Mid CH/QPSK/1RB0 and 1RB99



Mid CH/QPSK/1RB74 and 1RB0

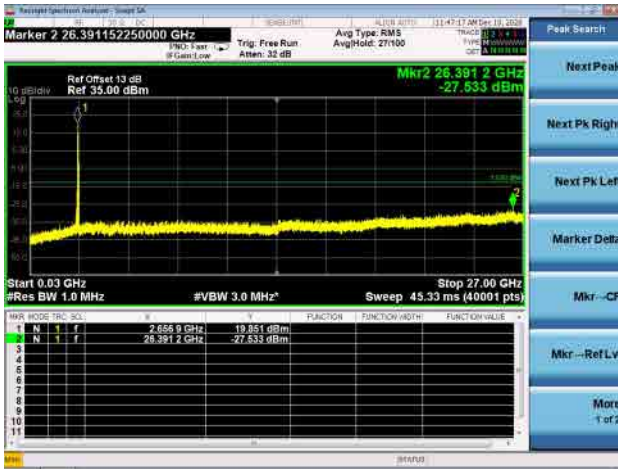


Mid CH/QPSK/FULL RB

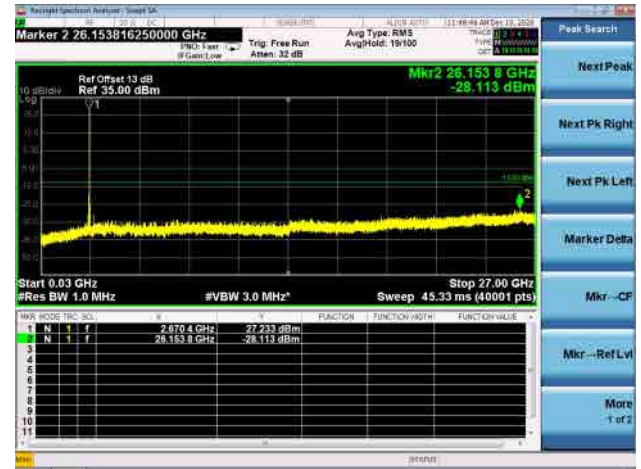




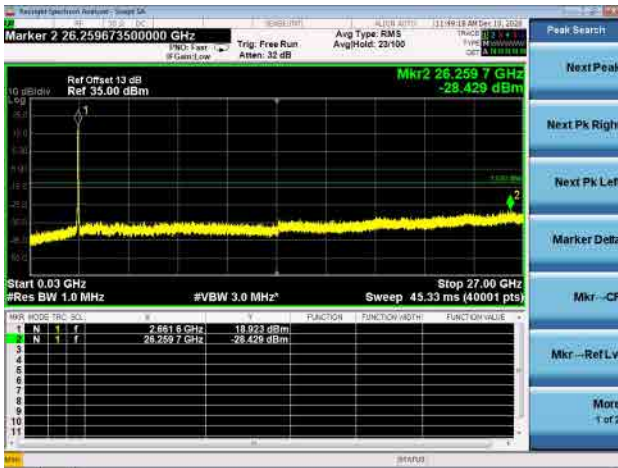
High CH/QPSK/1RB0 and 1RB99



High CH/QPSK/1RB74 and 1RB0



High CH/QPSK/FULL RB

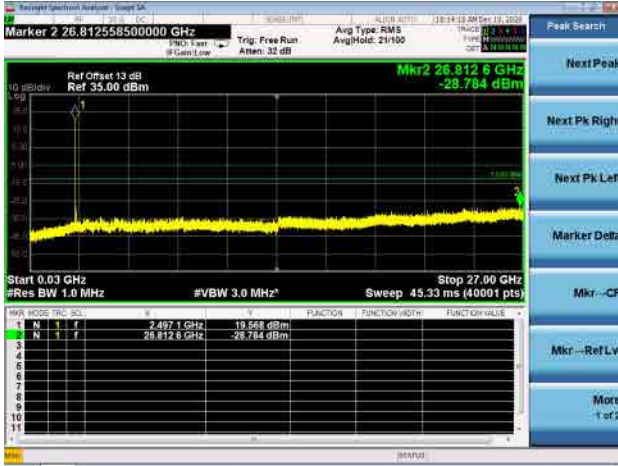




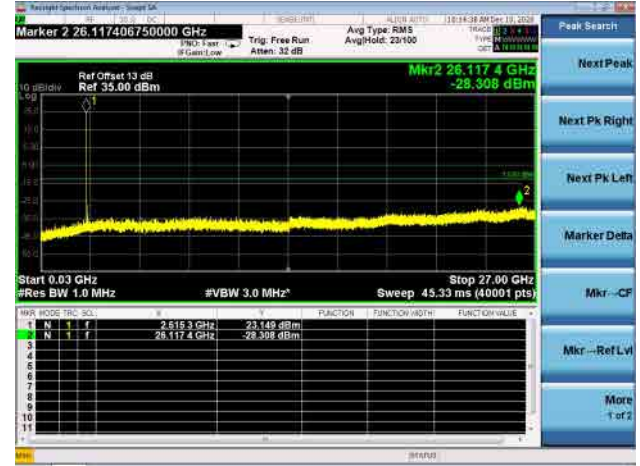
LTE Band 41C CSE

Channel Bandwidth:20MHz+5MHz

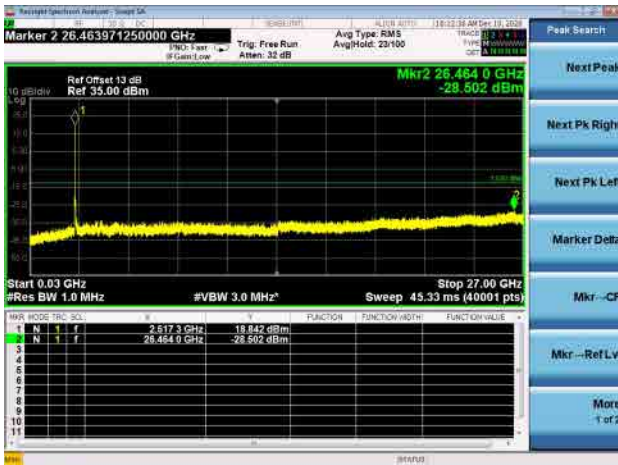
LOW CH/QPSK/1RB0 and 1RB24



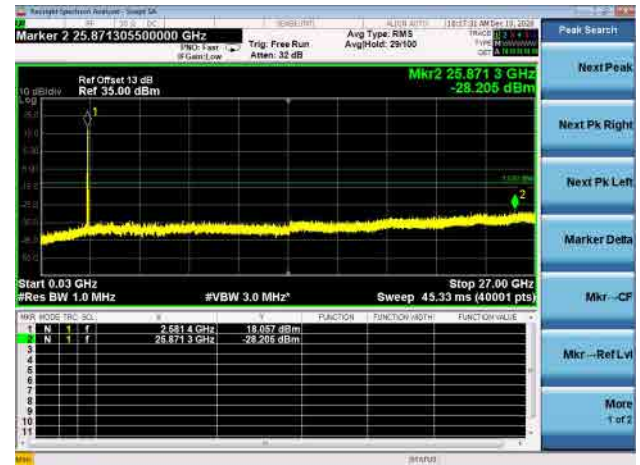
LOW CH/QPSK/1RB99 and 1RB0



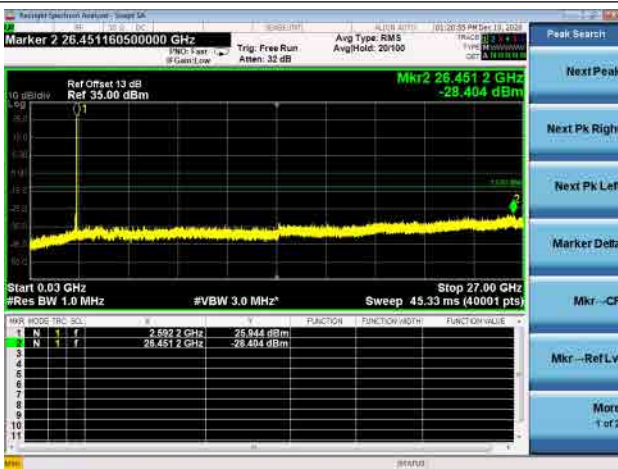
LOW CH/QPSK/FULL RB



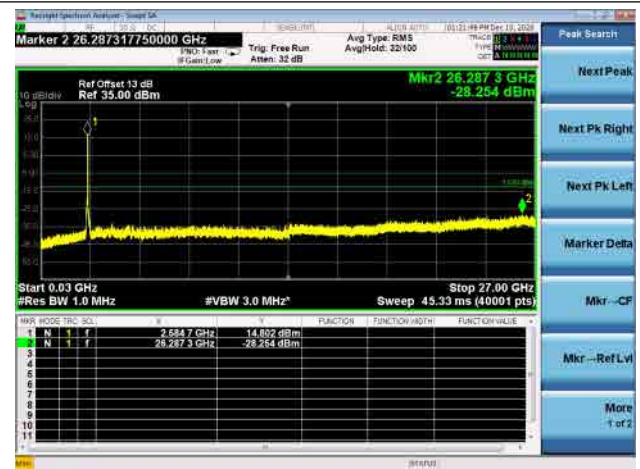
Mid CH/QPSK/1RB0 and 1RB24



Mid CH/QPSK/1RB99 and 1RB0

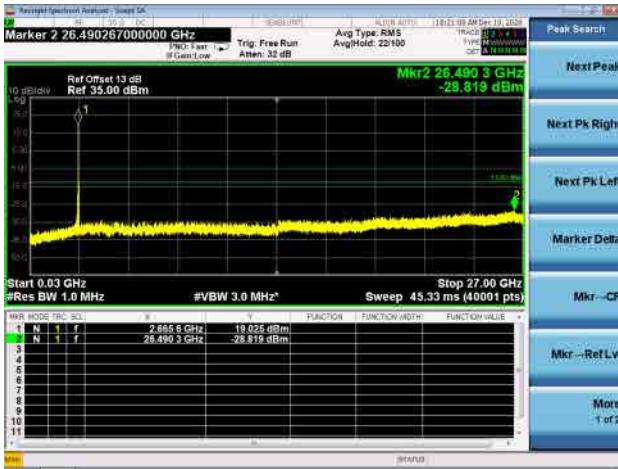


Mid CH/QPSK/FULL RB

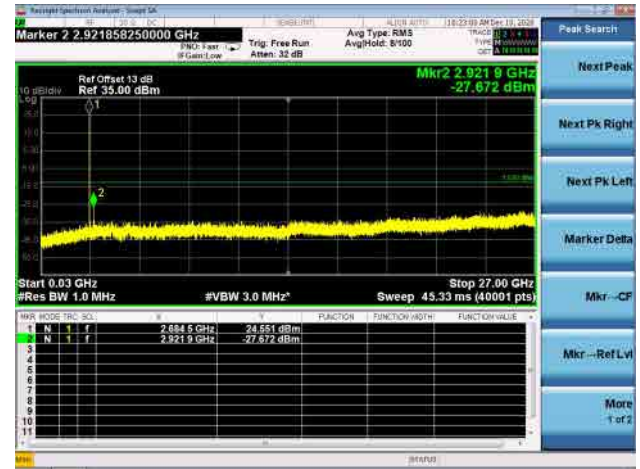




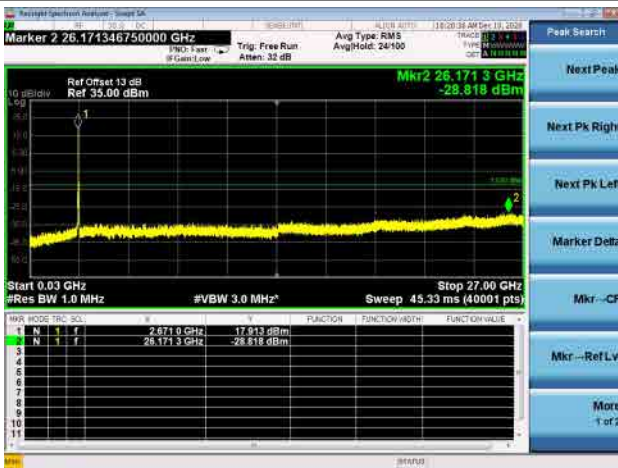
High CH/QPSK/1RB0 and 1RB24



High CH/QPSK/1RB99 and 1RB0



High CH/QPSK/FULL RB

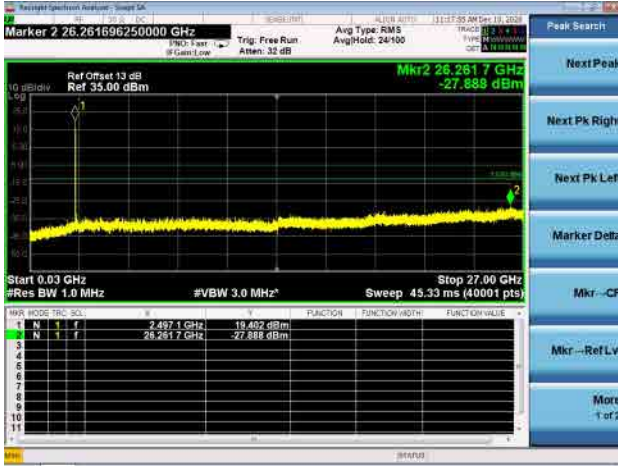




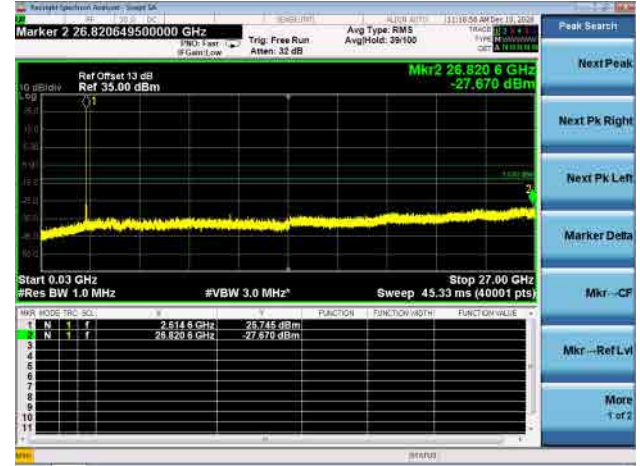
LTE Band 41C CSE

Channel Bandwidth:20MHz+10MHz

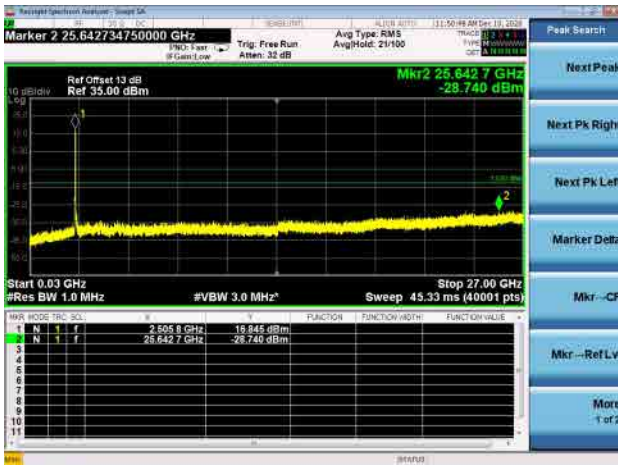
LOW CH/QPSK/1RB0 and 1RB49



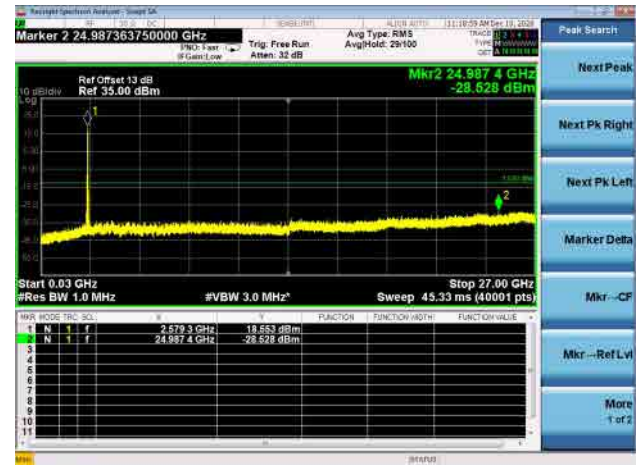
LOW CH/QPSK/1RB99 and 1RB0



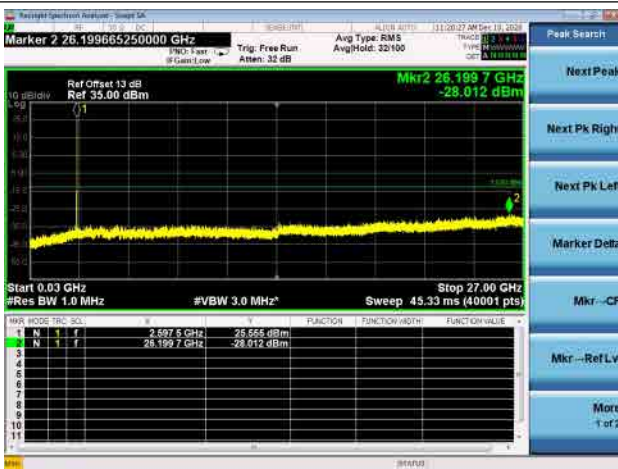
LOW CH/QPSK/FULL RB



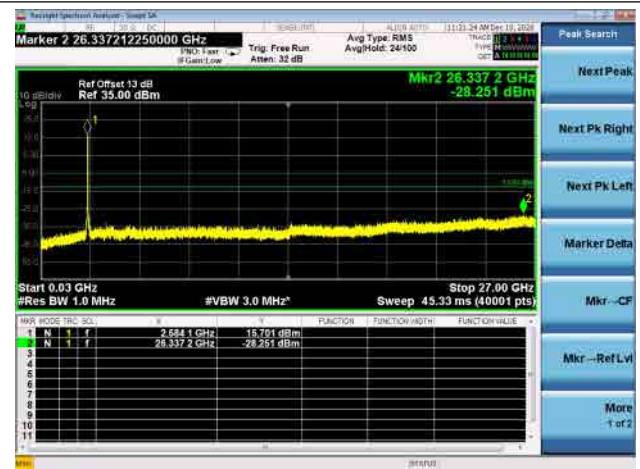
Mid CH/QPSK/1RB0 and 1RB49



Mid CH/QPSK/1RB99 and 1RB0

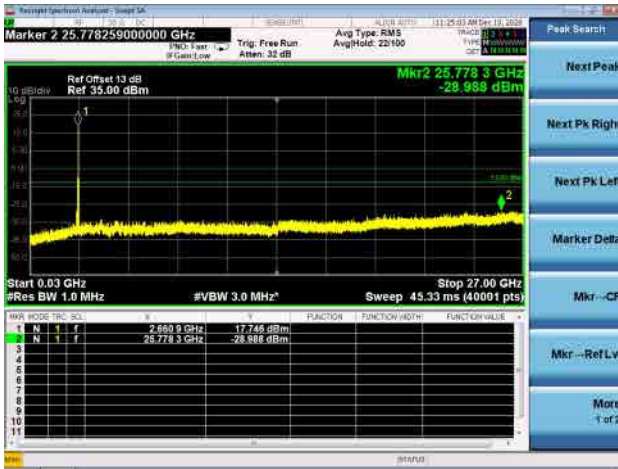


Mid CH/QPSK/FULL RB

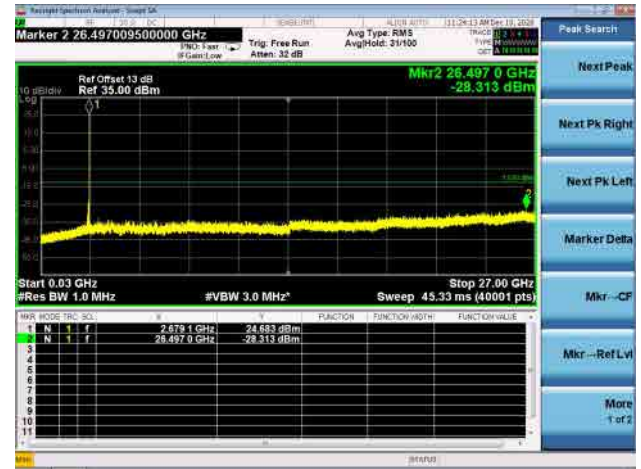




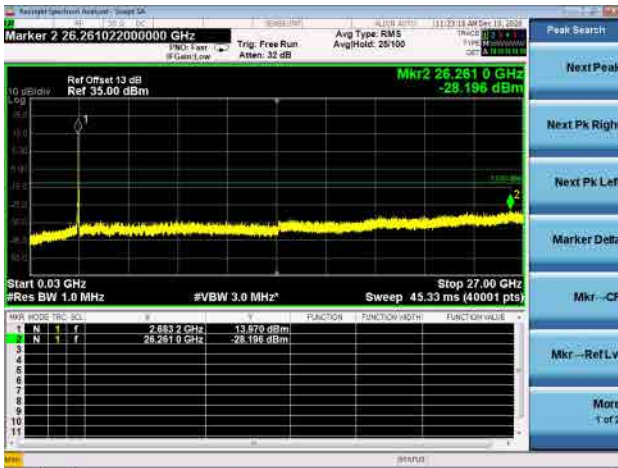
High CH/QPSK/1RB0 and 1RB49



High CH/QPSK/1RB99 and 1RB0



High CH/QPSK/FULL RB

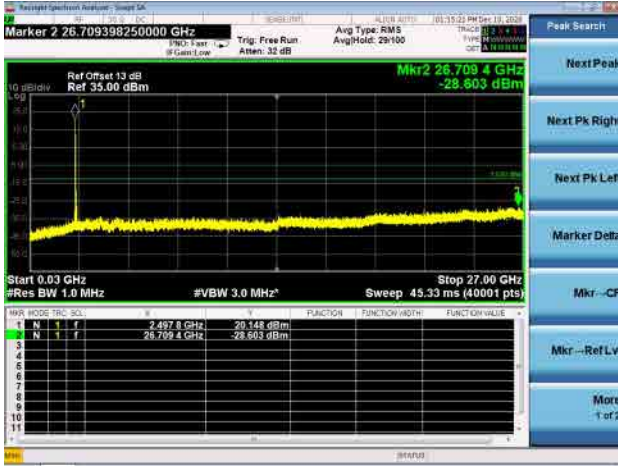




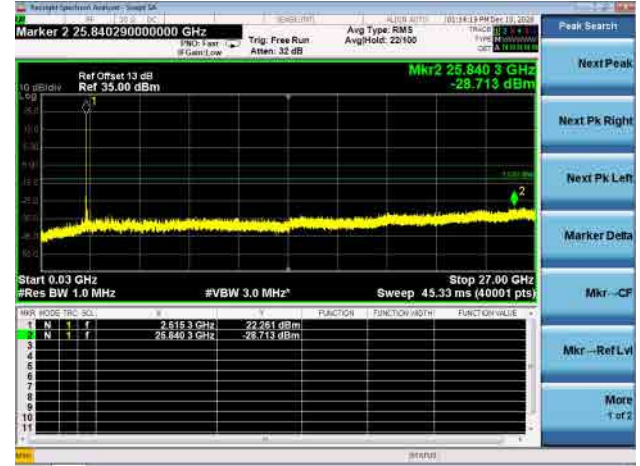
LTE Band 41C CSE

Channel Bandwidth:20MHz+15MHz

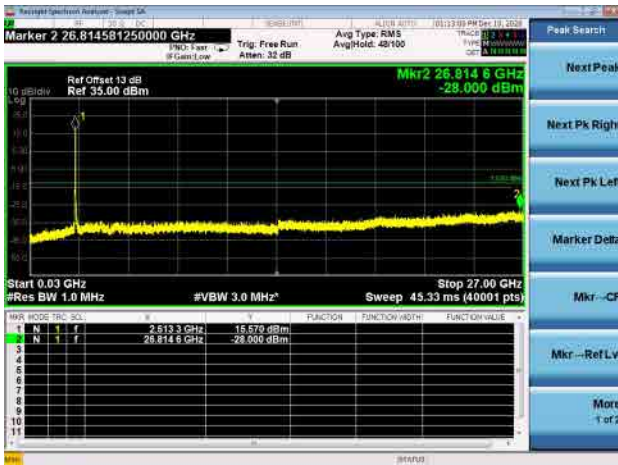
LOW CH/QPSK/1RB0 and 1RB74



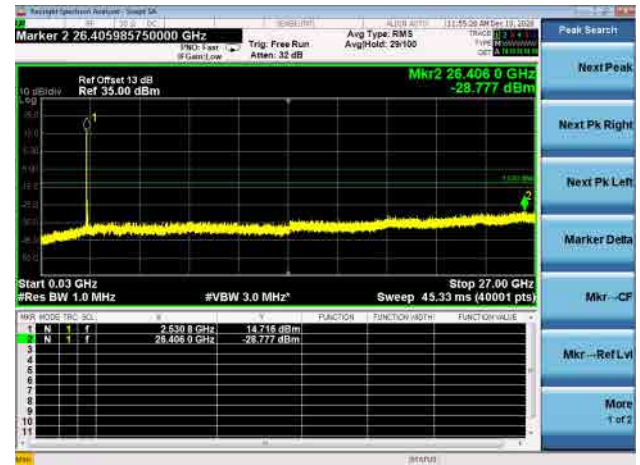
LOW CH/QPSK/1RB99 and 1RB0



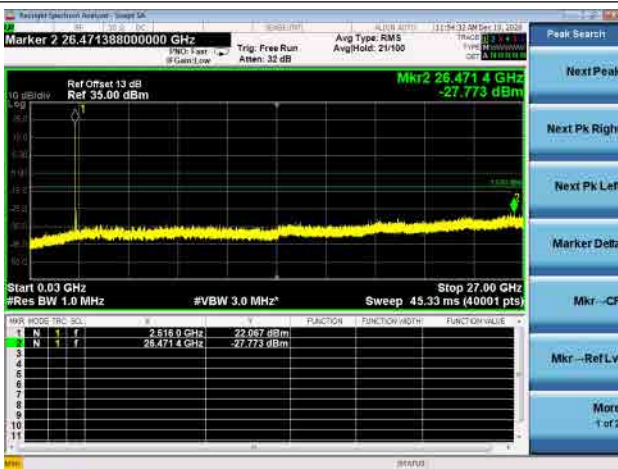
LOW CH/QPSK/FULL RB



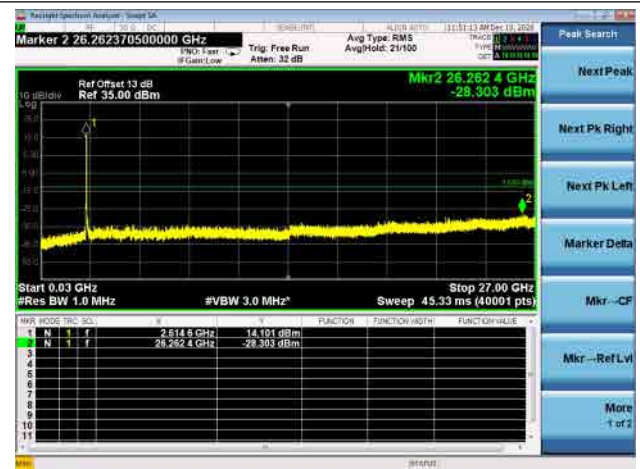
Mid CH/QPSK/1RB0 and 1RB74



Mid CH/QPSK/1RB99 and 1RB0

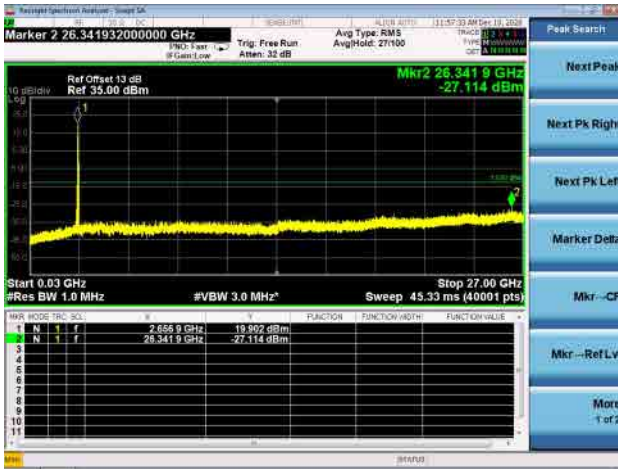


Mid CH/QPSK/FULL RB

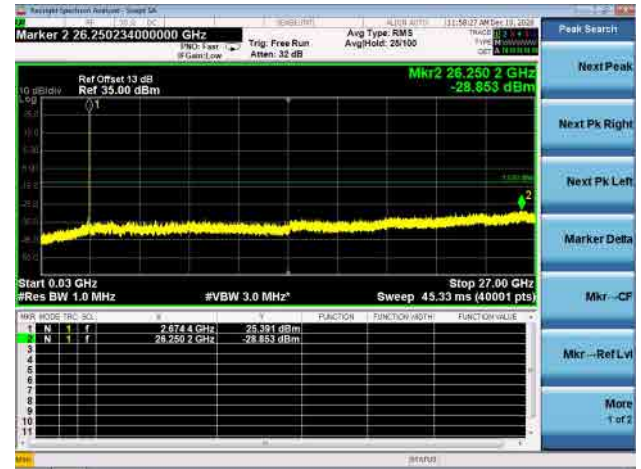




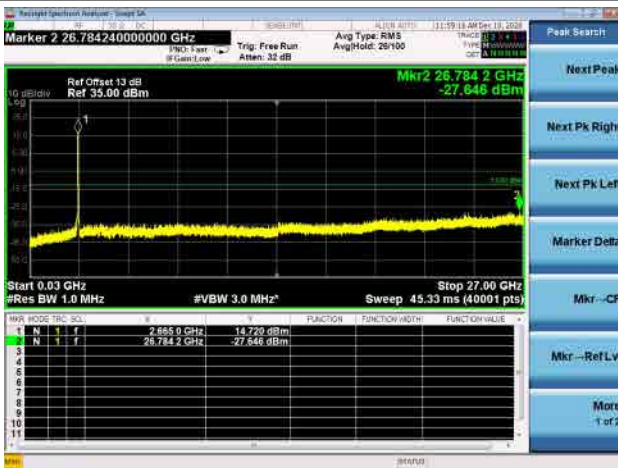
High CH/QPSK/1RB0 and 1RB74



High CH/QPSK/1RB99 and 1RB0



High CH/QPSK/FULL RB

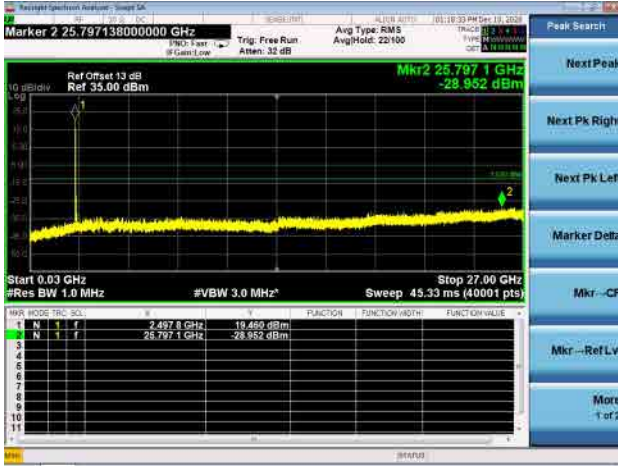




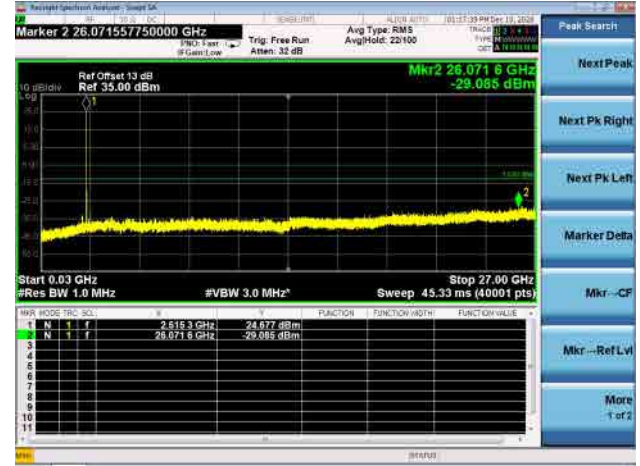
LTE Band 41C CSE

Channel Bandwidth:20MHz+20MHz

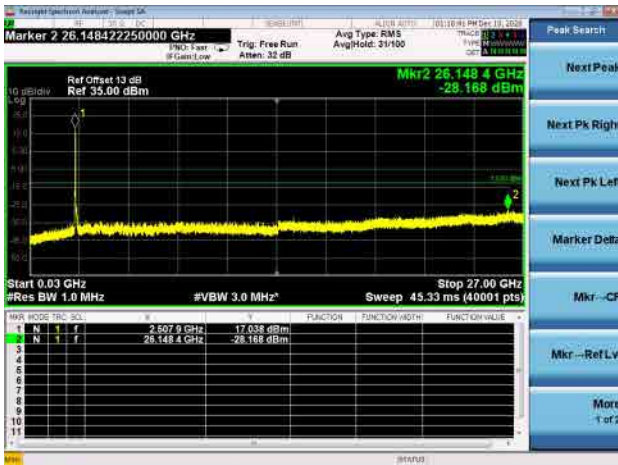
LOW CH/QPSK/1RB0 and 1RB99



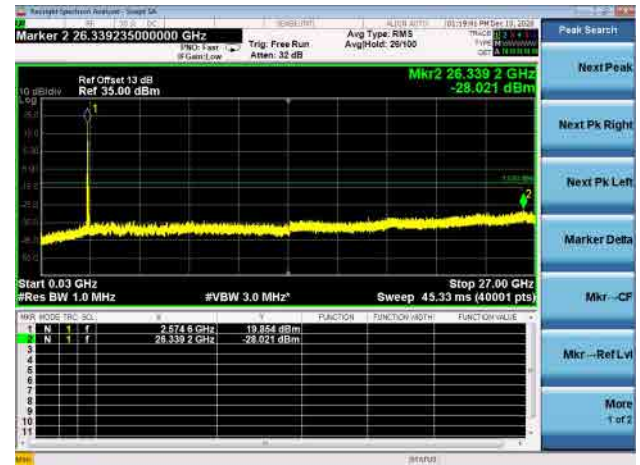
LOW CH/QPSK/1RB99 and 1RB0



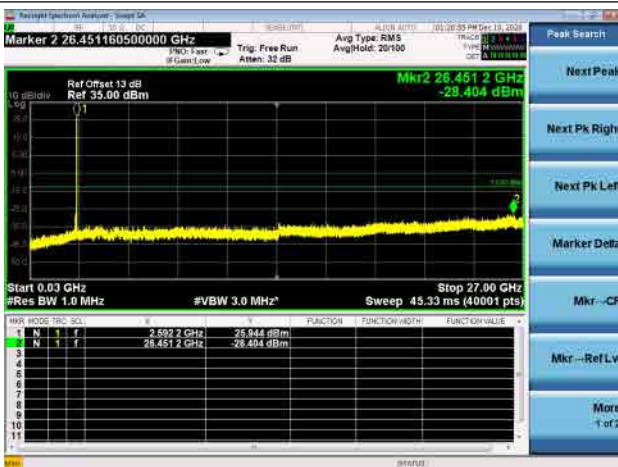
LOW CH/QPSK/FULL RB



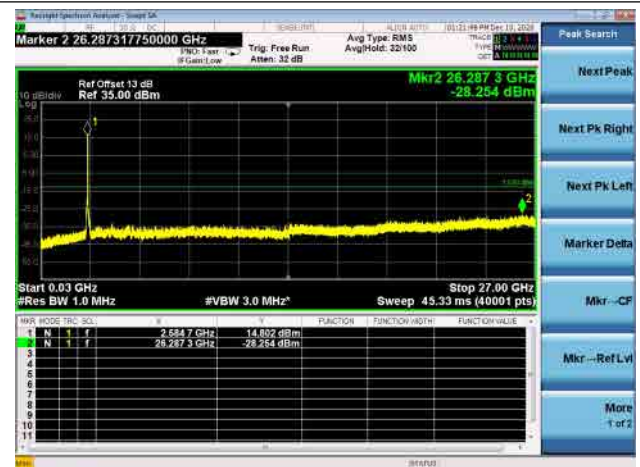
Mid CH/QPSK/1RB0 and 1RB99



Mid CH/QPSK/1RB99 and 1RB0

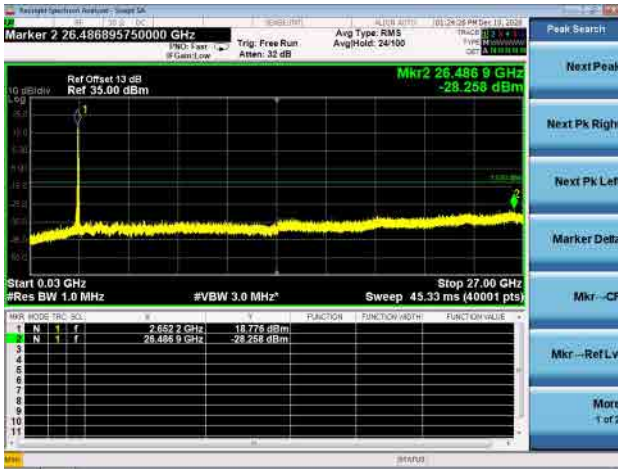


Mid CH/QPSK/FULL RB

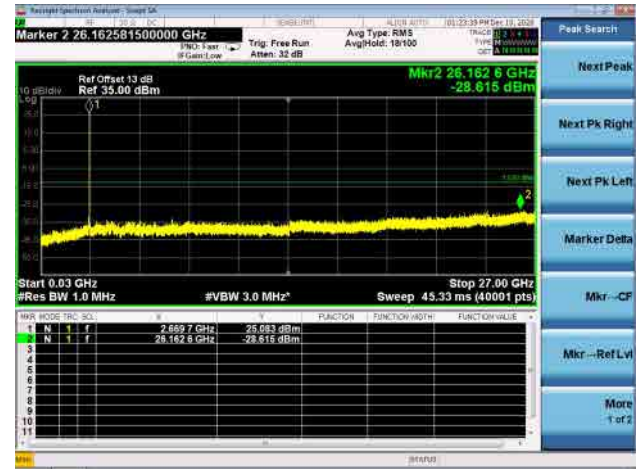




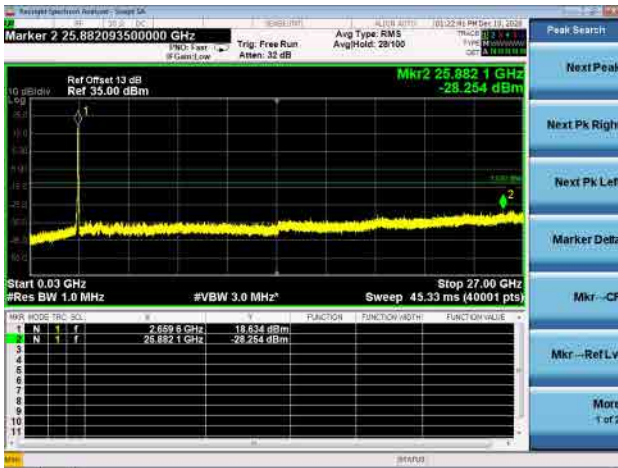
High CH/QPSK/1RB0 and 1RB99



High CH/QPSK/1RB99 and 1RB0



High CH/QPSK/FULL RB



2.4. Band Edge

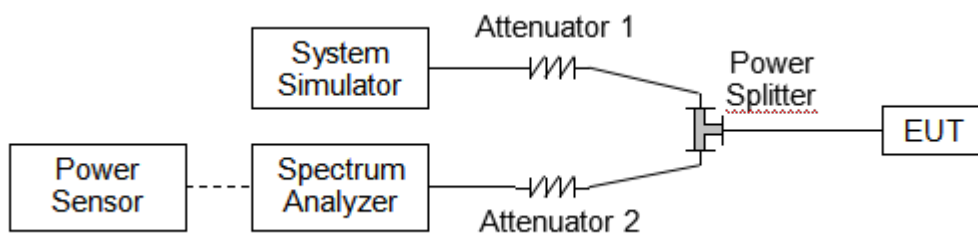
2.4.1. Requirement

According to FCC section 22.917(a), 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(g), For operations in the 698–746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log(P)$ dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

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 50 Ohm; 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.

2.4.4. Test Result

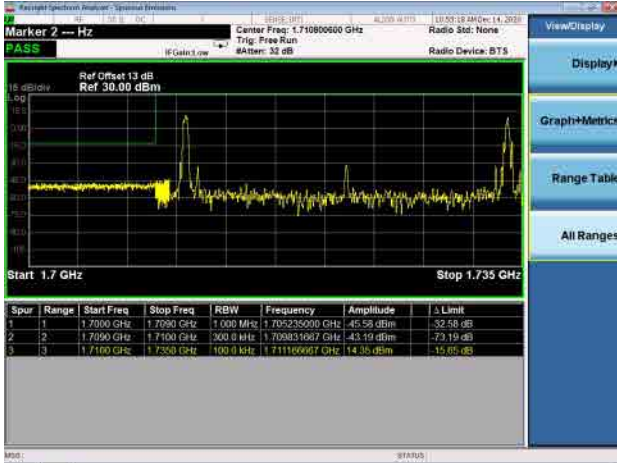
The center frequency of spectrum is the band edge frequency and span is 2MHz, Record the max trace into the test report.



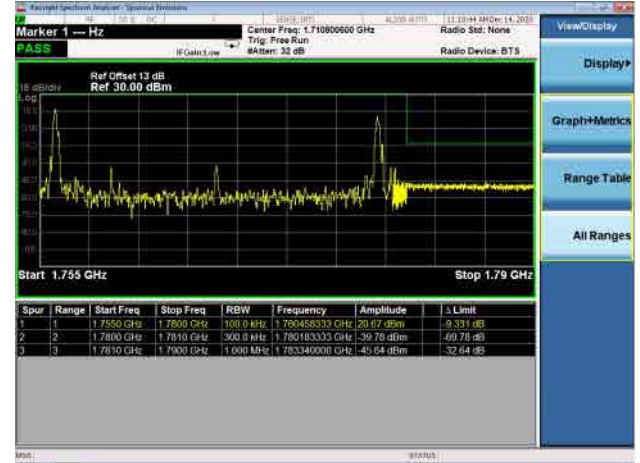
LTE Band 66C

Channel Bandwidth: 5MHz+20MHz

Low 1RB0 and 1RB99



High 1RB0 and 1RB99



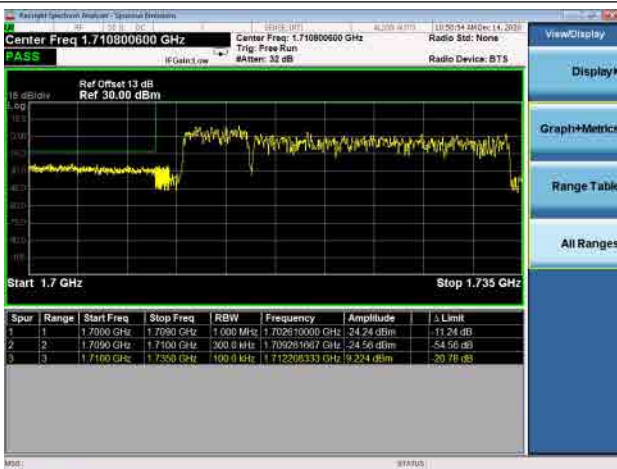
Low 1RB24 and 1RB0



High 1RB24 and 1RB0



Low FULL RB



High FULL RB

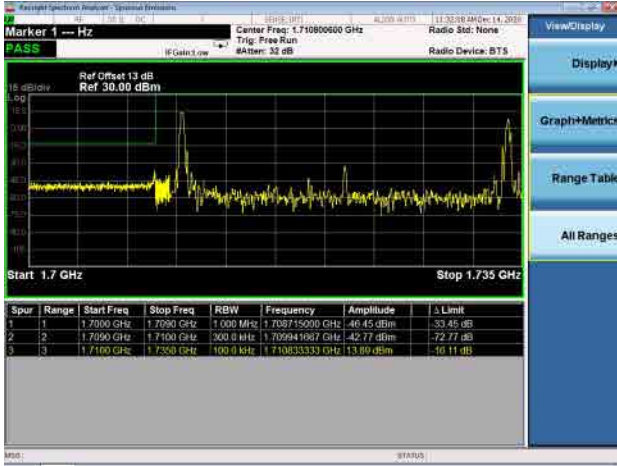




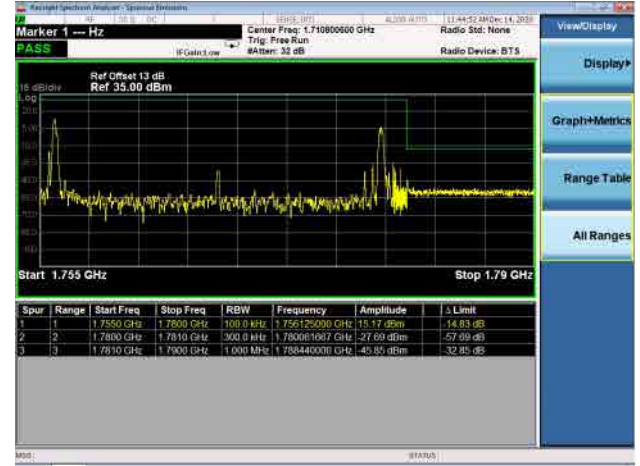
LTE Band 66C

Channel Bandwidth: 10MHz+15MHz

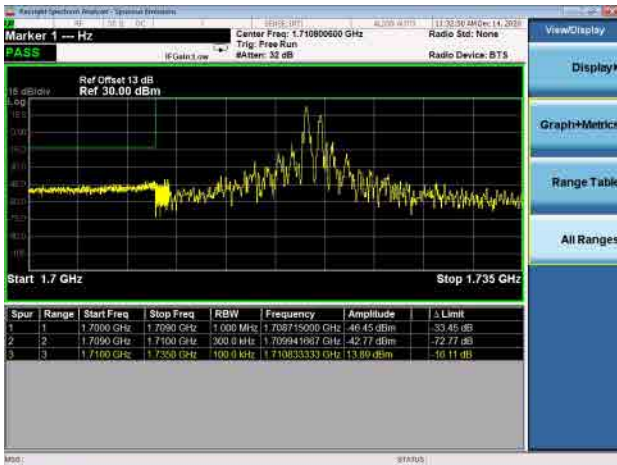
Low 1RB0 and 1RB74



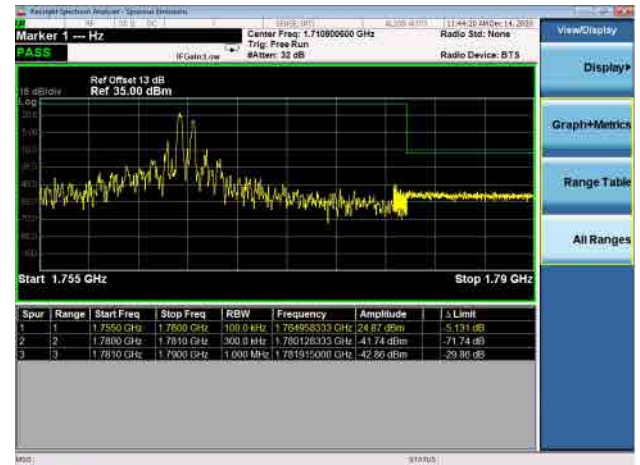
High 1RB0 and 1RB74



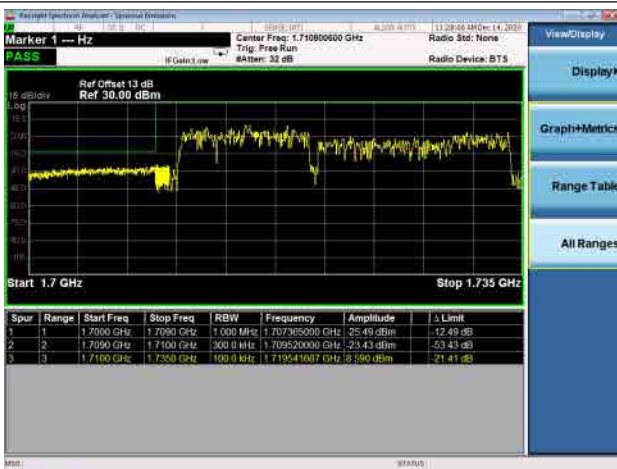
Low 1RB49 and 1RB0



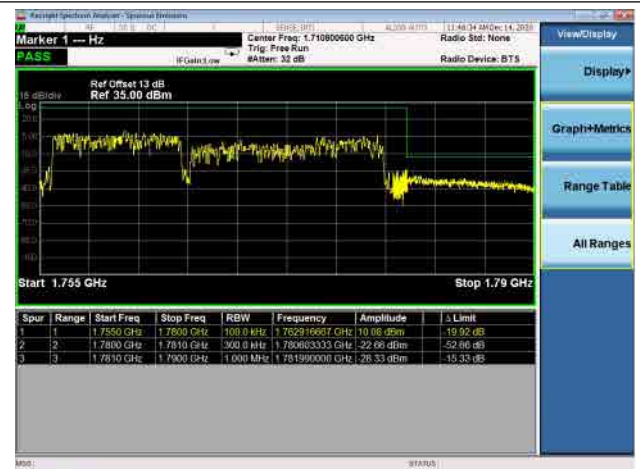
High 1RB49 and 1RB0



Low FULL RB



High FULL RB

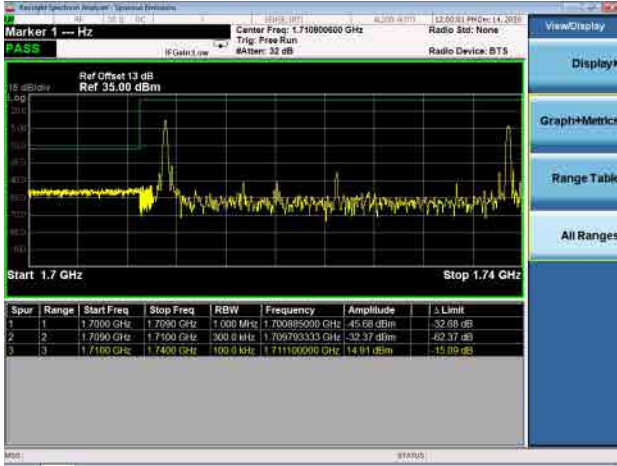




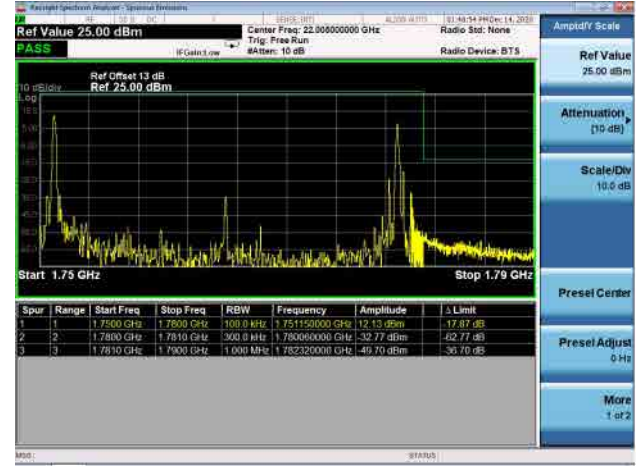
LTE Band 66C

Channel Bandwidth: 10MHz+20MHz

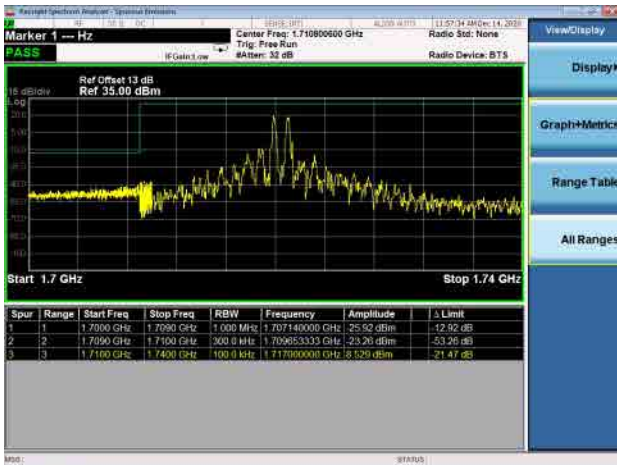
Low 1RB0 and 1RB99



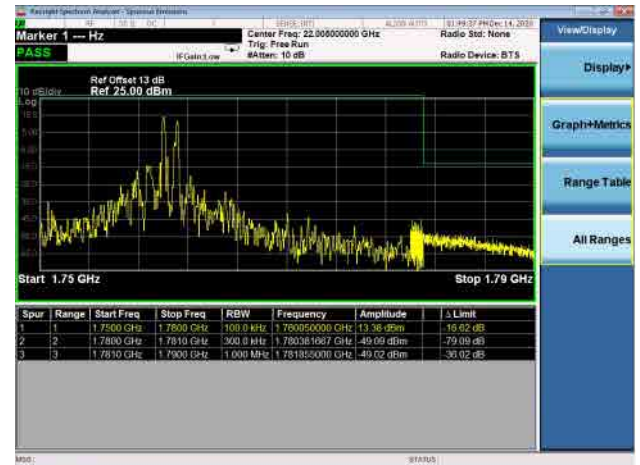
High 1RB0 and 1RB99



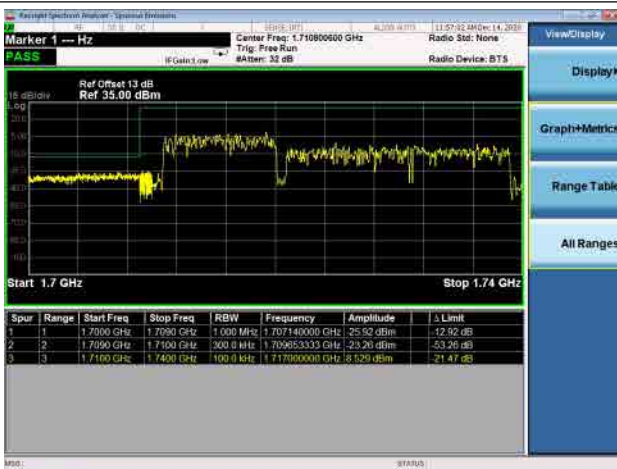
Low 1RB49 and 1RB0



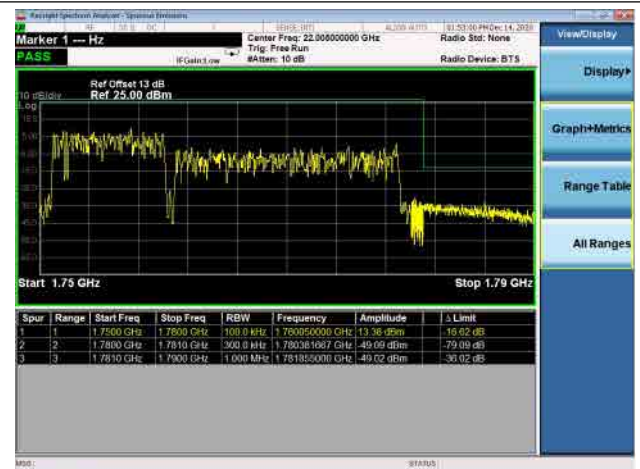
High 1RB49 and 1RB0



Low FULL RB



High FULL RB

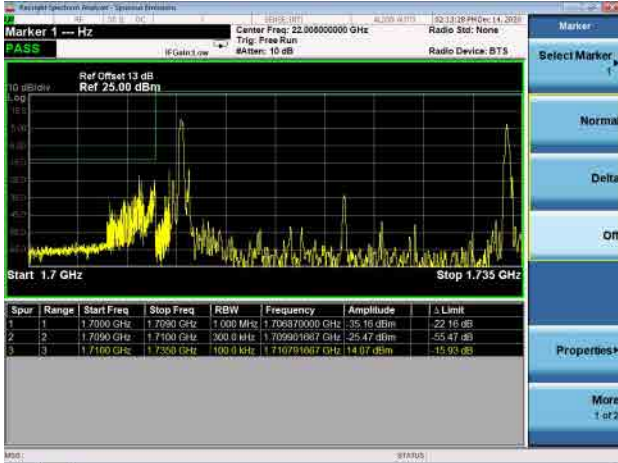




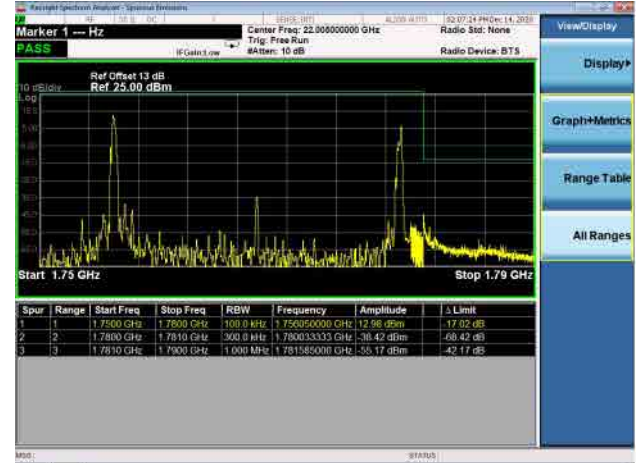
LTE Band 66C

Channel Bandwidth: 15MHz+10MHz

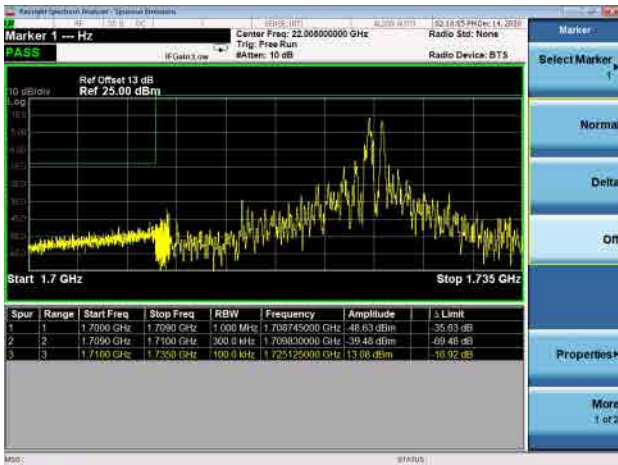
Low 1RB0 and 1RB49



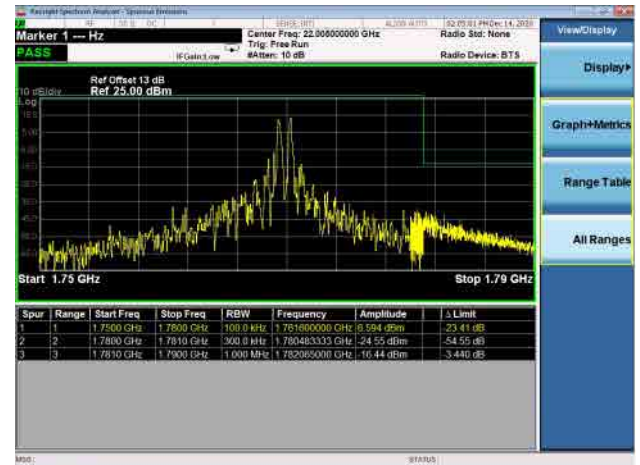
High 1RB0 and 1RB49



Low 1RB74 and 1RB0



High 1RB74 and 1RB0



Low FULL RB



High FULL RB

