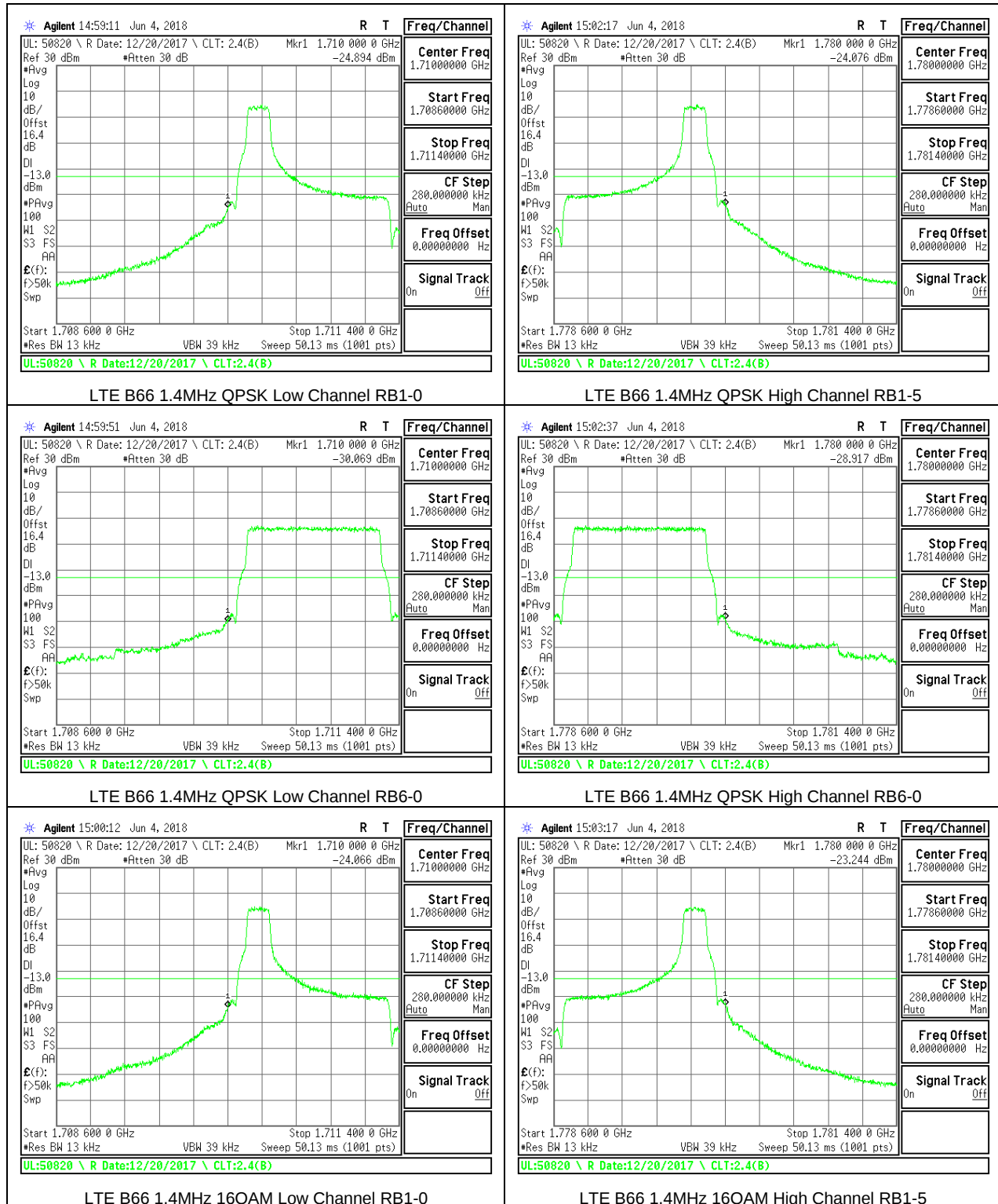
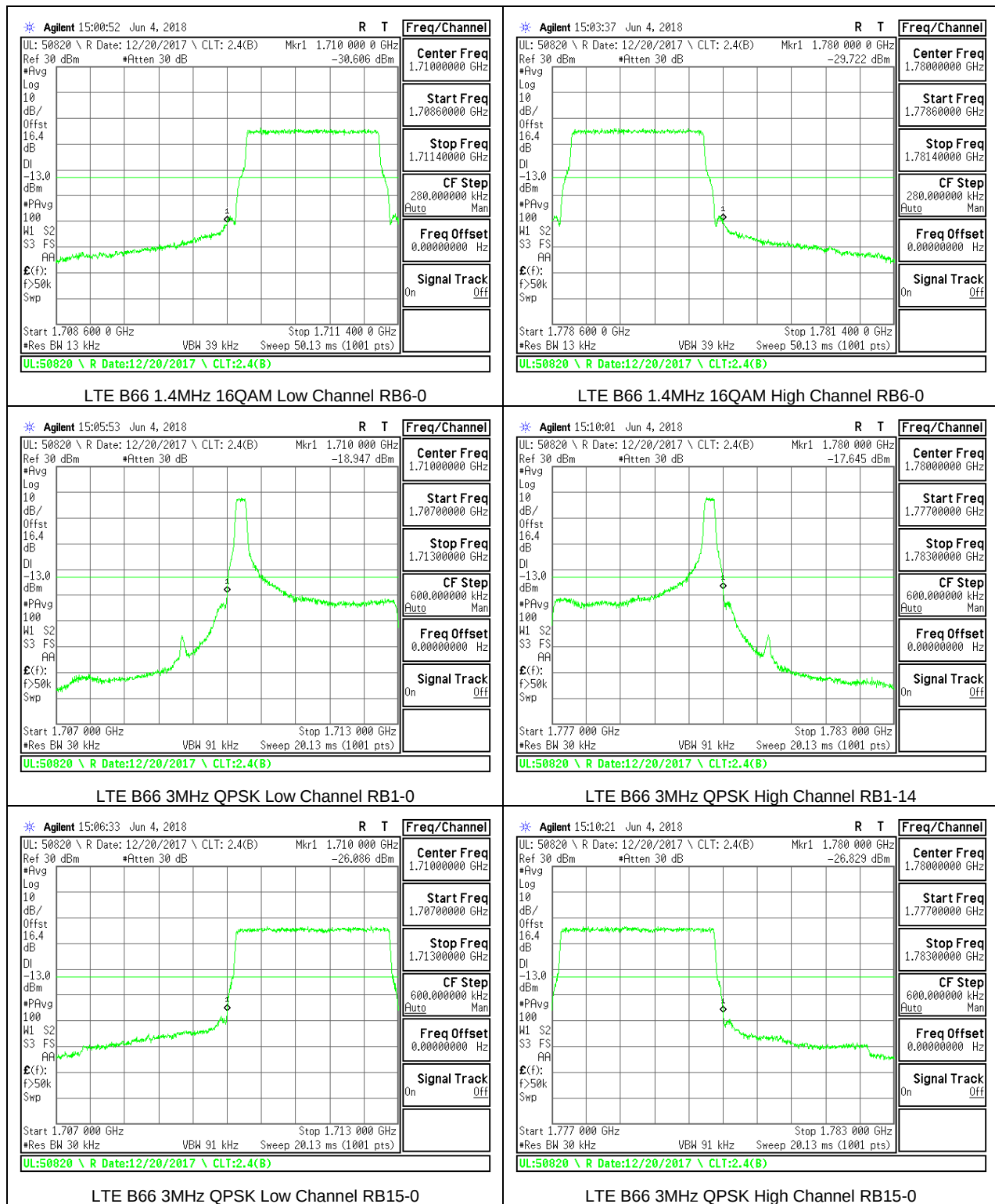
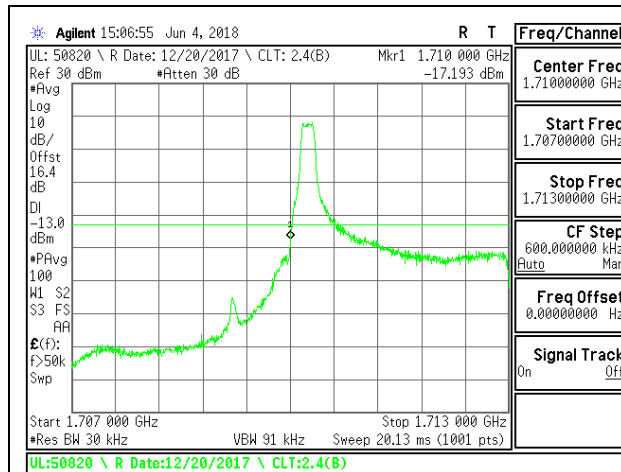


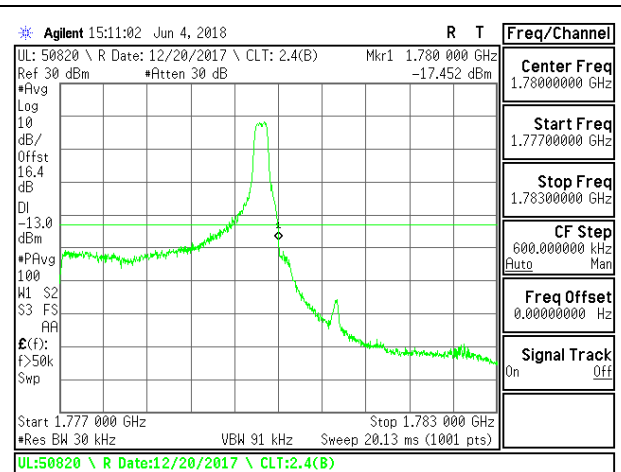
8.2.12. LTE BAND 66 BANDEDGE



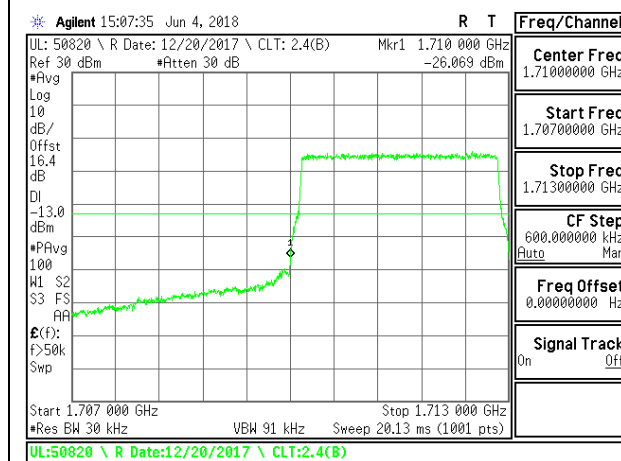




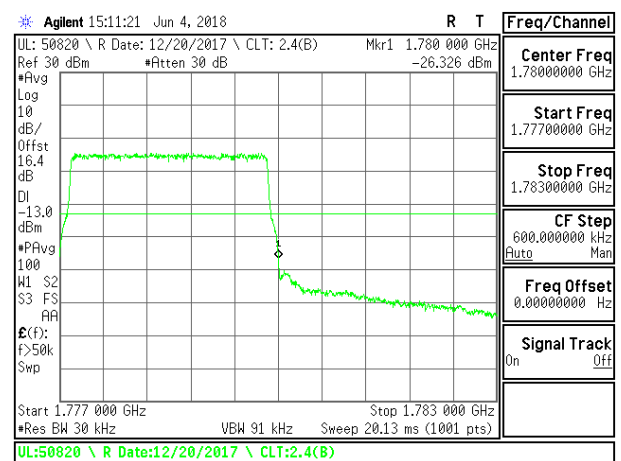
LTE B66 3MHz 16QAM Low Channel RB1-0



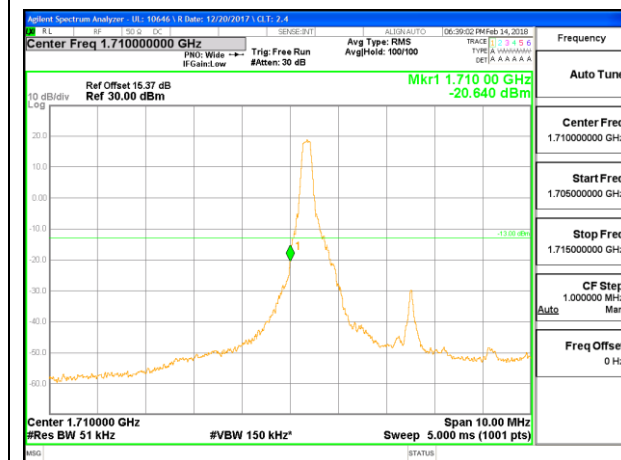
LTE B66 3MHz 16QAM High Channel RB1-14



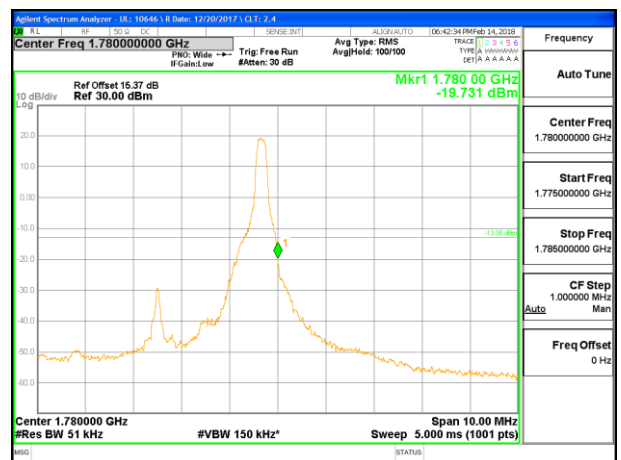
LTE B66 3MHz 16QAM Low Channel RB15-0



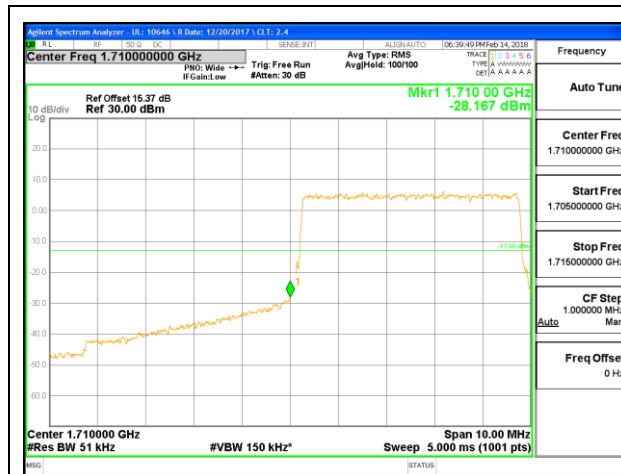
LTE B66 3MHz 16QAM High Channel RB15-0



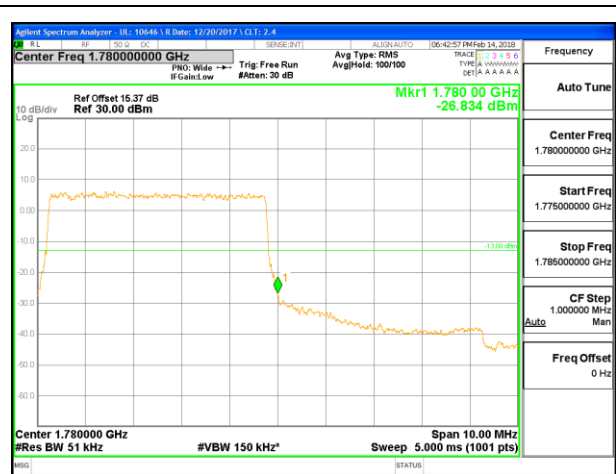
LTE B66 5MHz QPSK Low Channel RB1-0



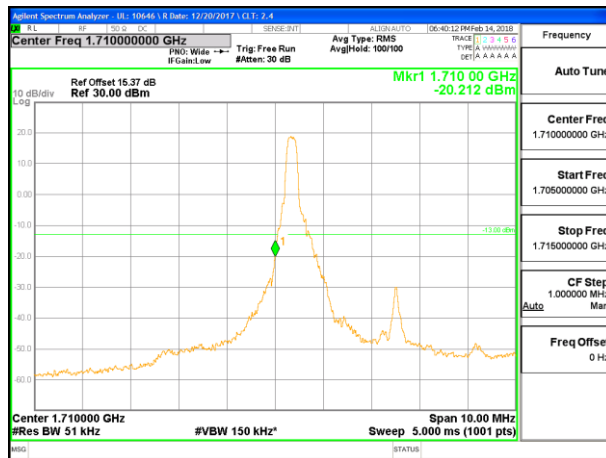
LTE B66 5MHz QPSK High Channel RB1-24



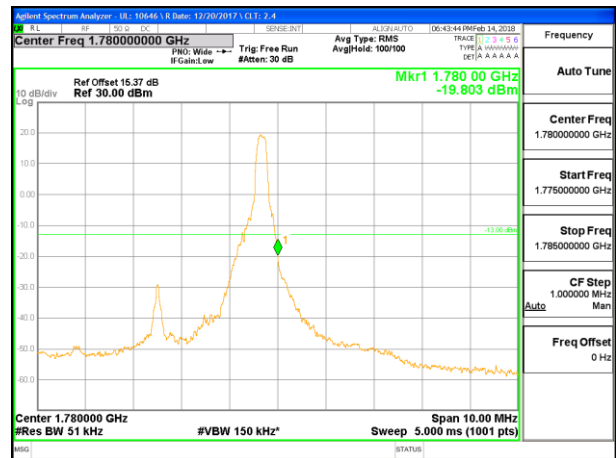
LTE B66 5MHz QPSK Low Channel RB25-0



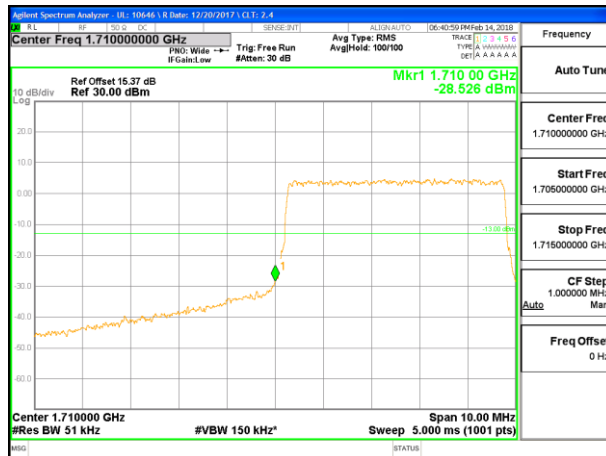
LTE B66 5MHz QPSK High Channel RB25-0



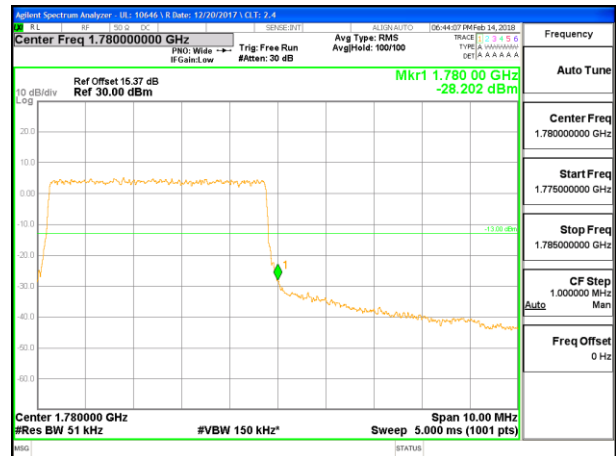
LTE B66 5MHz 16QAM Low Channel RB1-0



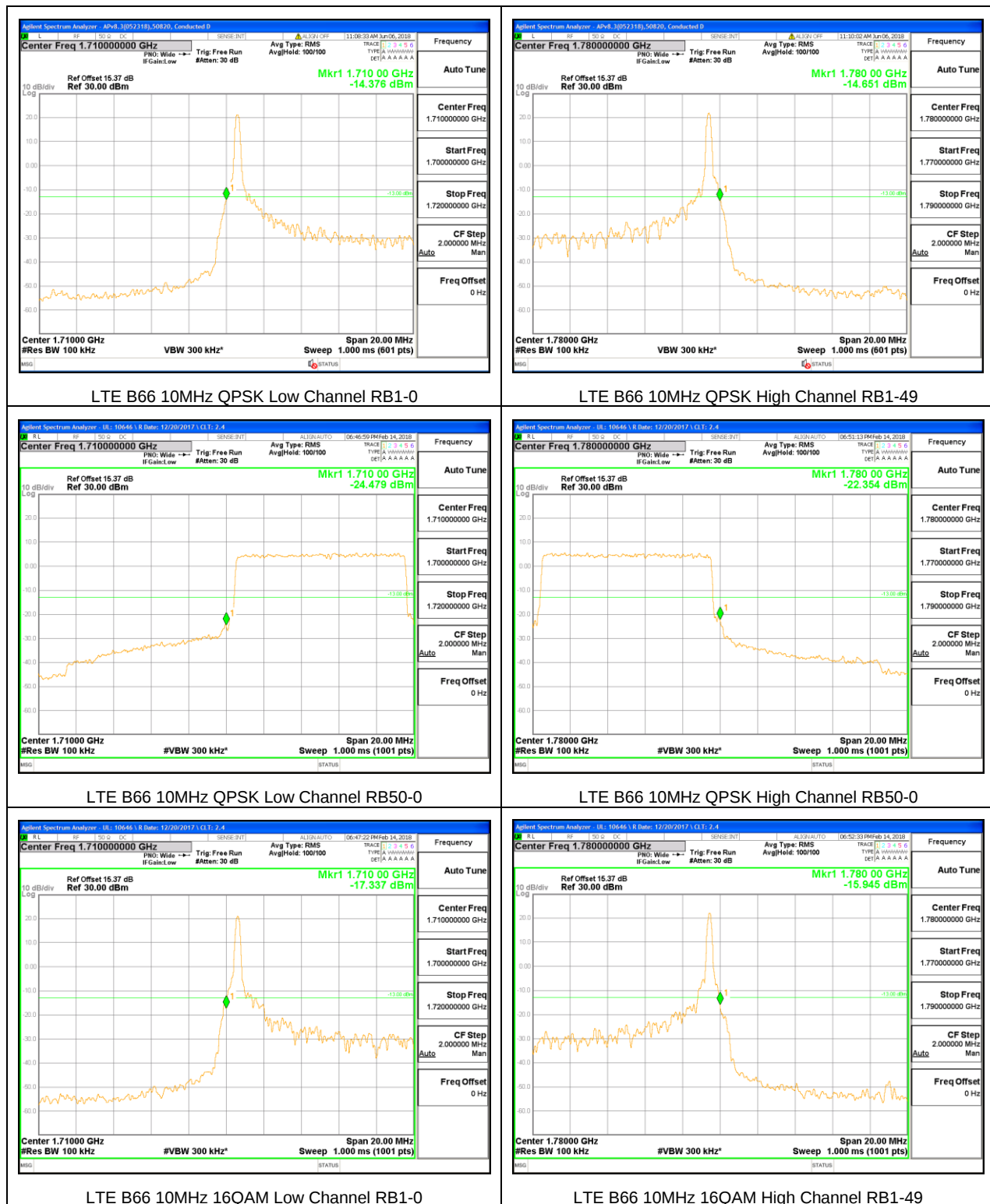
LTE B66 5MHz 16QAM High Channel RB1-24

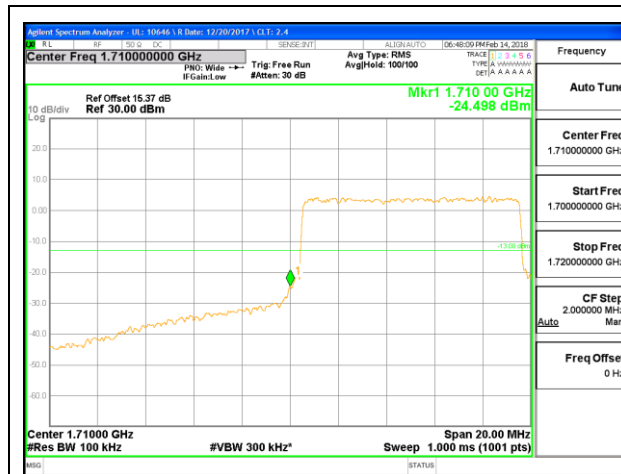


LTE B66 5MHz 16QAM Low Channel RB25-0

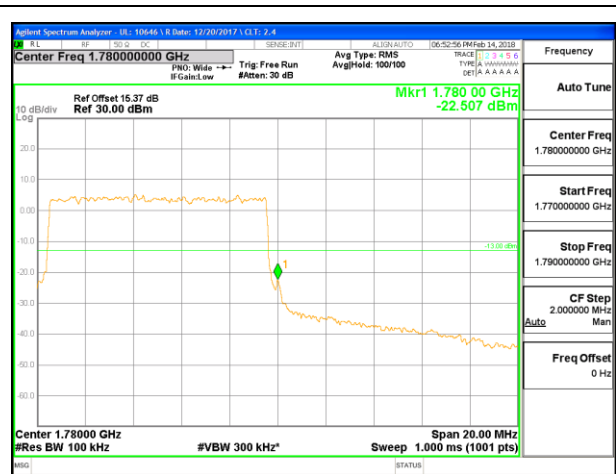


LTE B66 5MHz 16QAM High Channel RB25-0





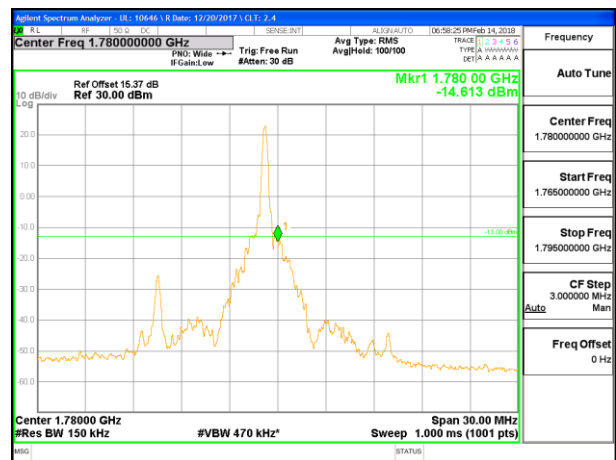
LTE B66 10MHz 16QAM Low Channel RB50-0



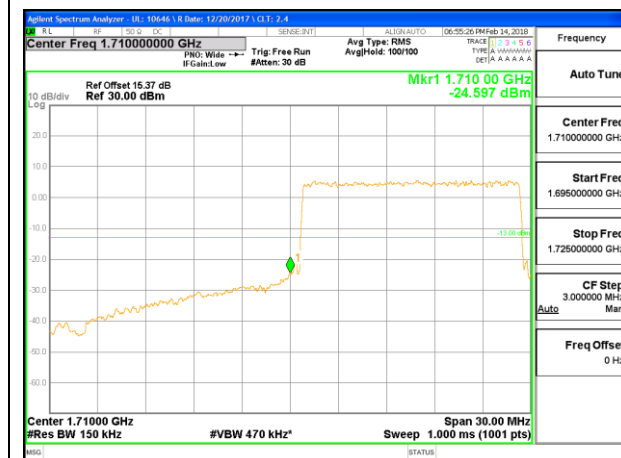
LTE B66 10MHz 16QAM High Channel RB50-0



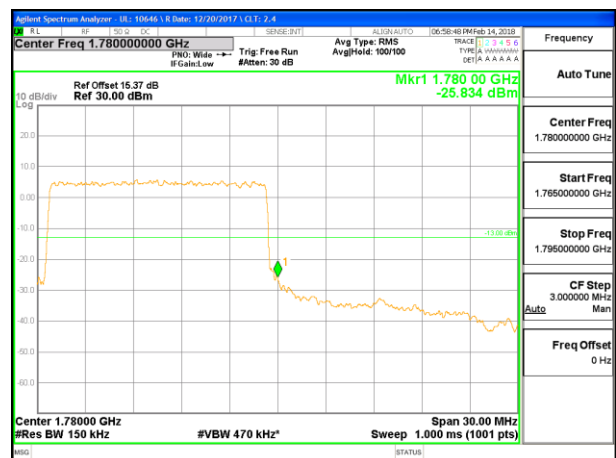
LTE B66 15MHz QPSK Low Channel RB1-0



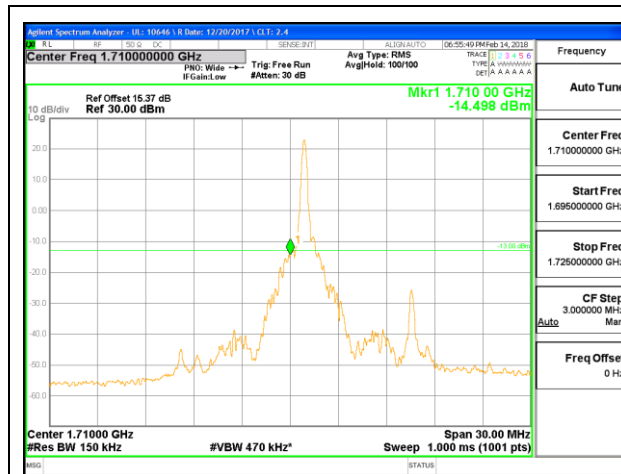
LTE B66 15MHz QPSK High Channel RB1-74



LTE B66 15MHz QPSK Low Channel RB75-0



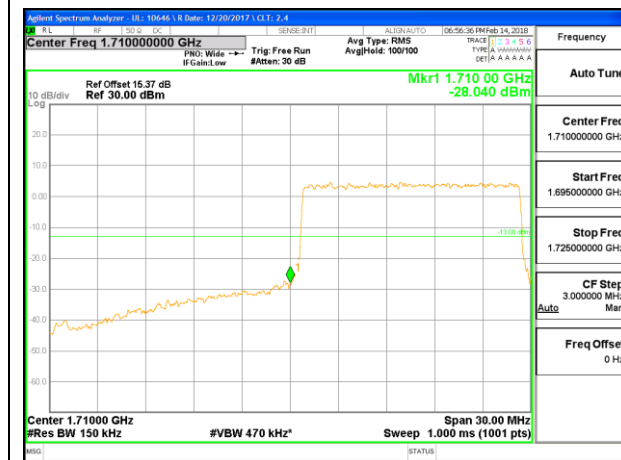
LTE B66 15MHz QPSK High Channel RB75-0



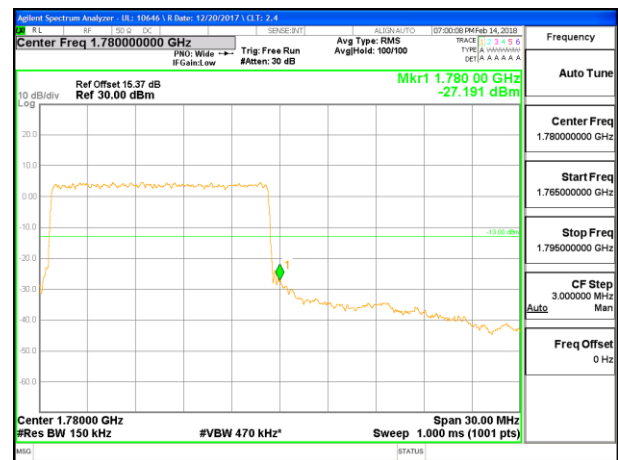
LTE B66 15MHz 16QAM Low Channel RB1-0



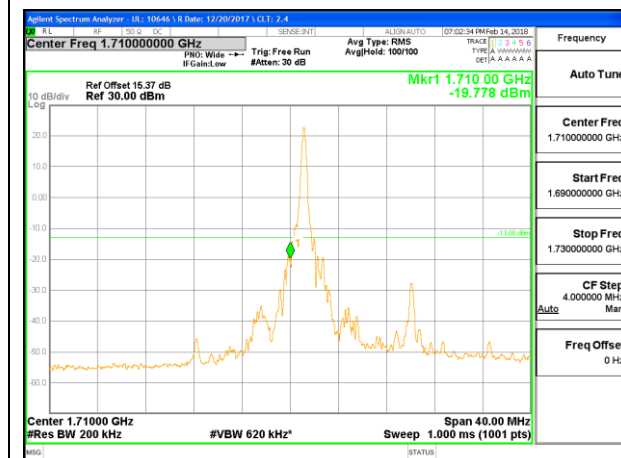
LTE B66 15MHz 16QAM High Channel RB1-74



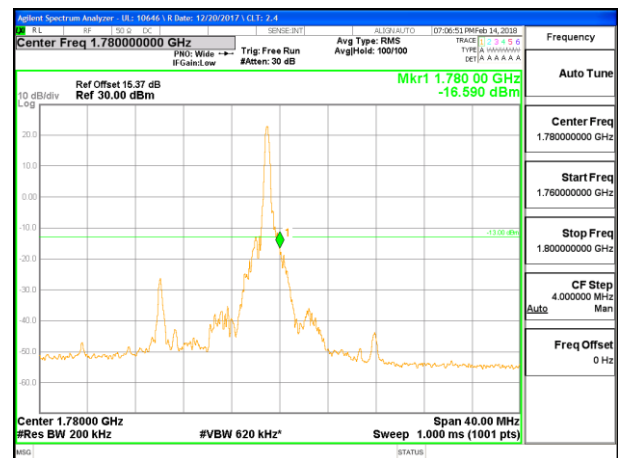
LTE B66 15MHz 16QAM Low Channel RB75-0



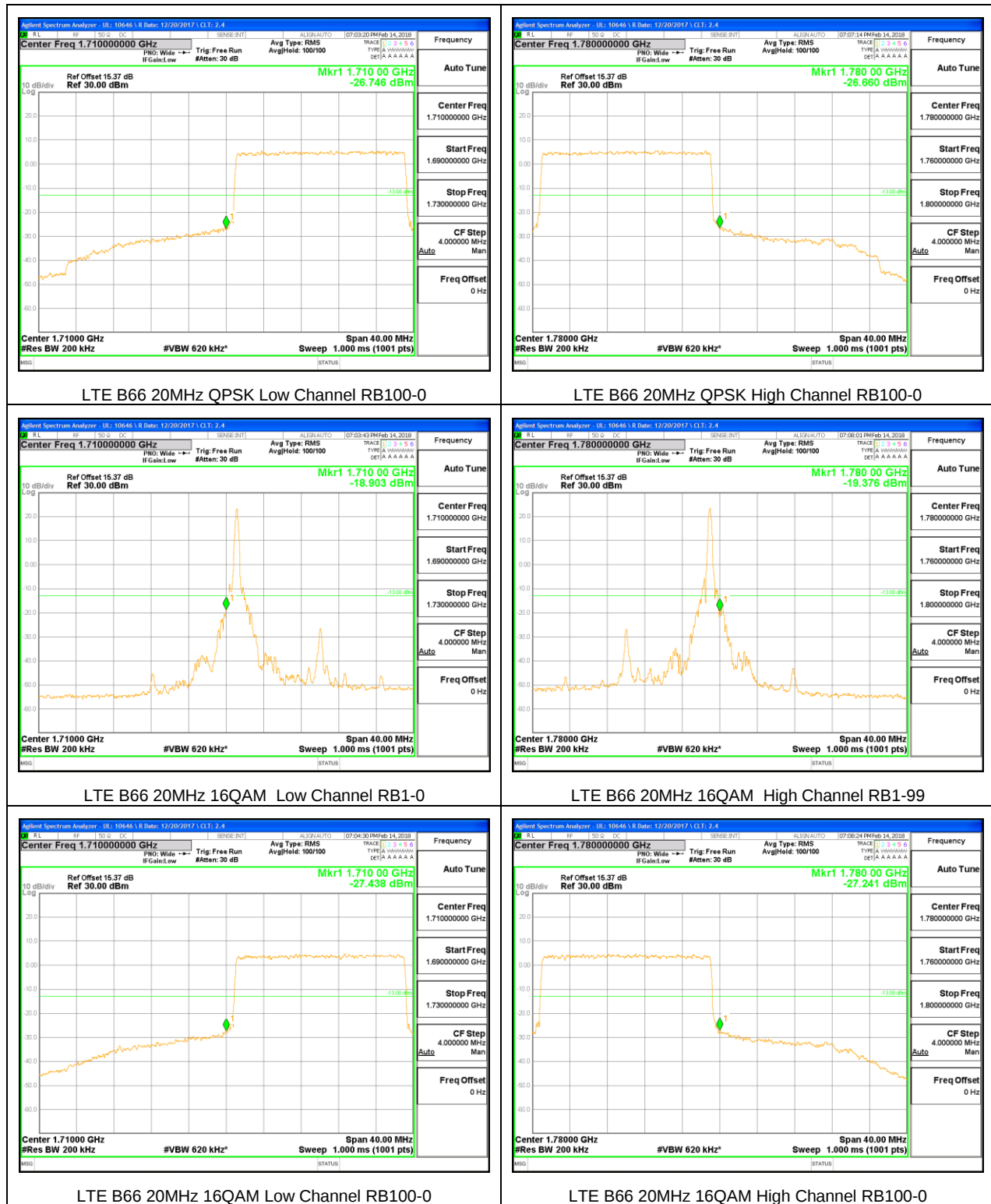
LTE B66 15MHz 16QAM High Channel RB75-0



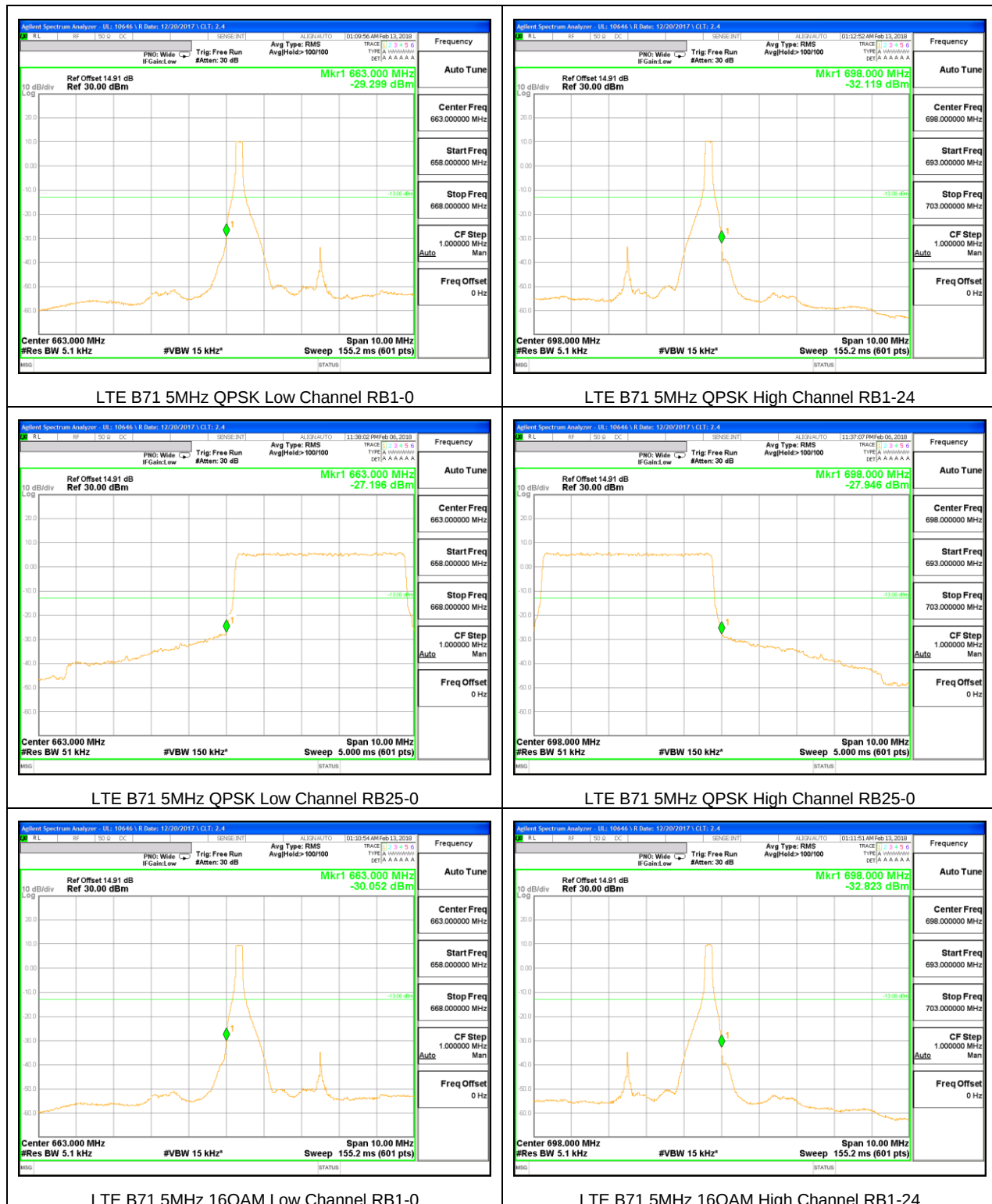
LTE B66 20MHz QPSK Low Channel RB1-0

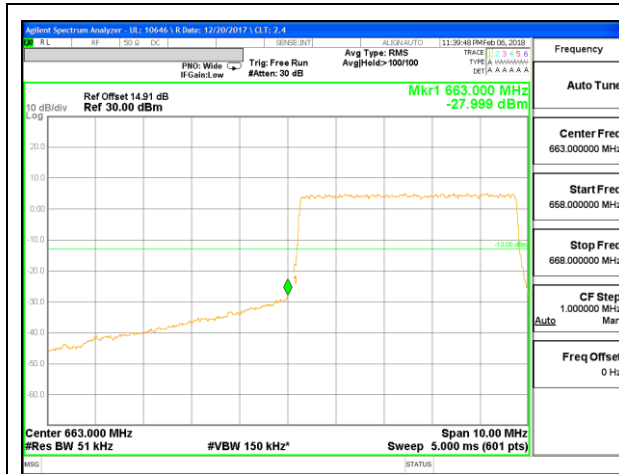


LTE B66 20MHz QPSK High Channel RB1-99

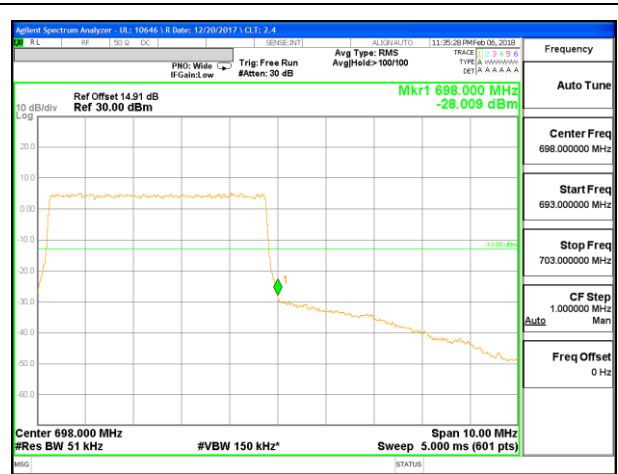


8.2.13. LTE BAND 71 BANDEDGE





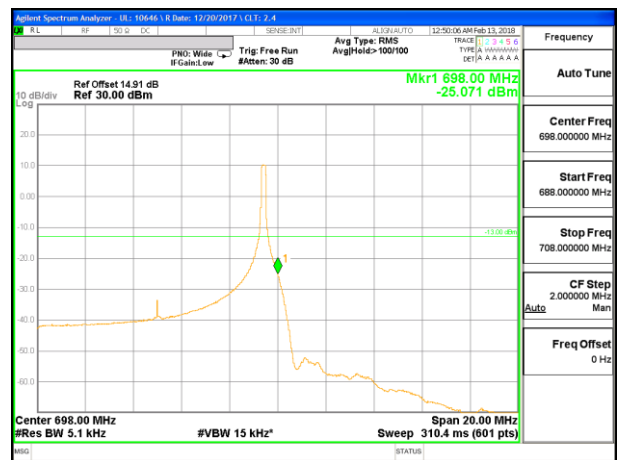
LTE B71 5MHz 16QAM Low Channel RB25-0



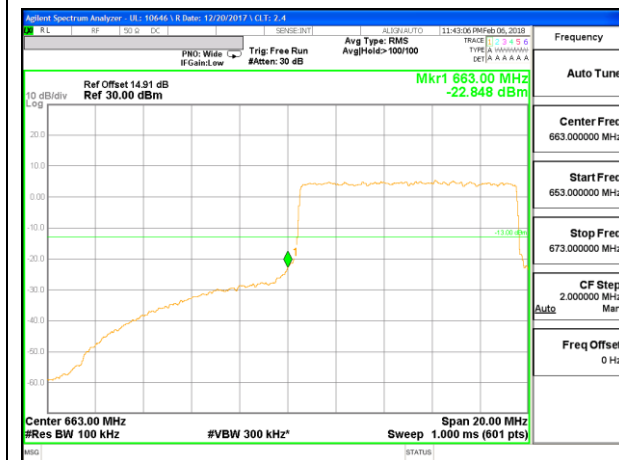
LTE B71 5MHz 16QAM High Channel RB25-0



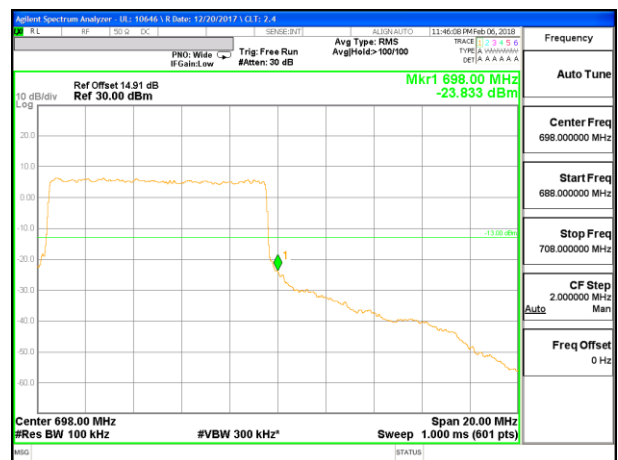
LTE B71 10MHz QPSK Low Channel RB1-0



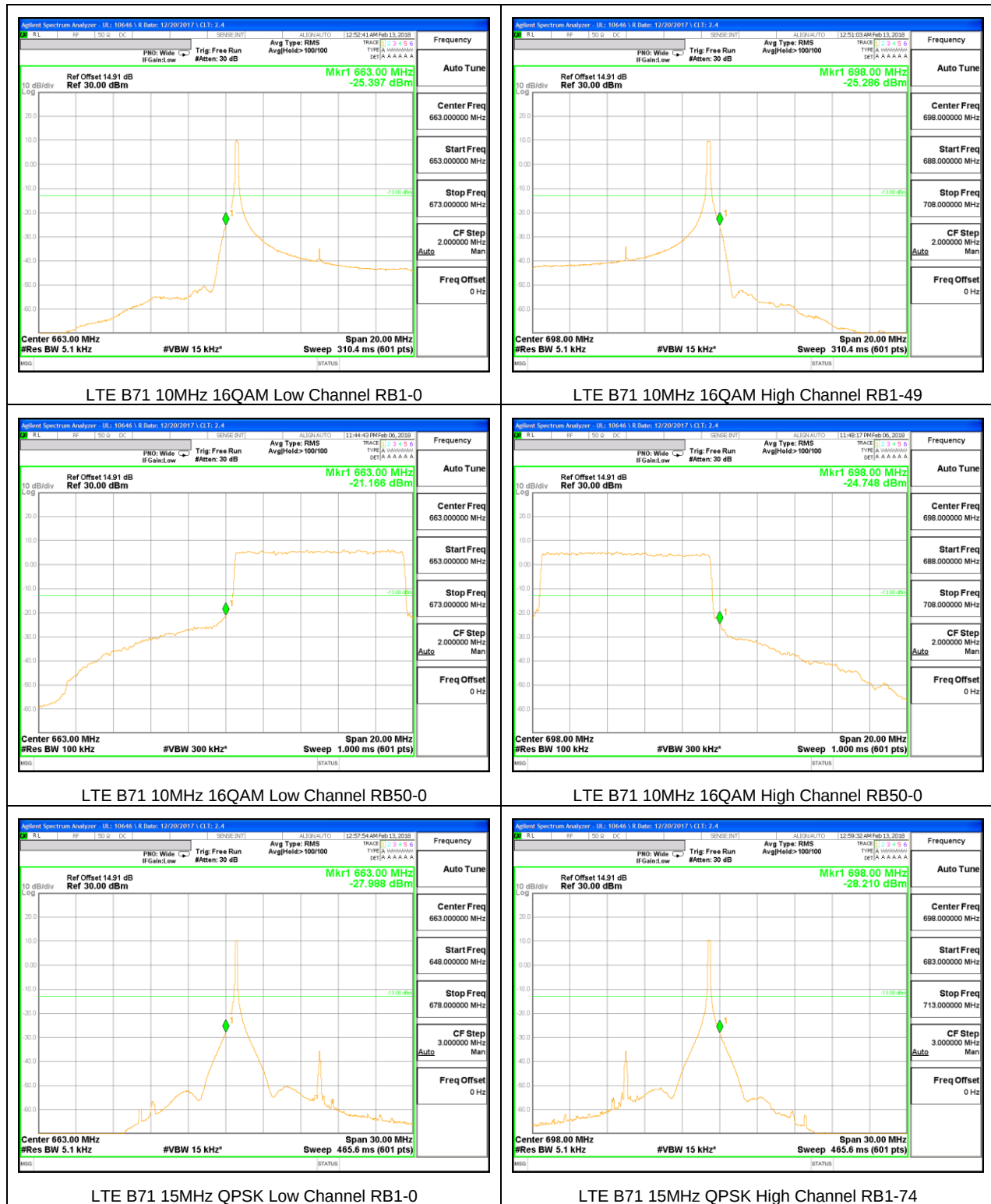
LTE B71 10MHz QPSK High Channel RB1-49

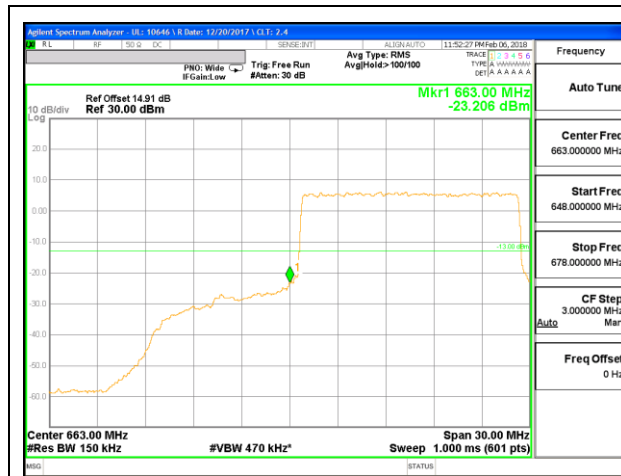


LTE B71 10MHz QPSK Low Channel RB50-0

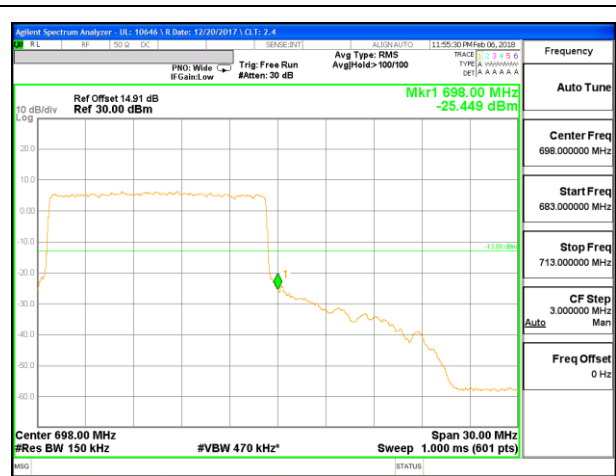


LTE B71 10MHz QPSK High Channel RB50-0

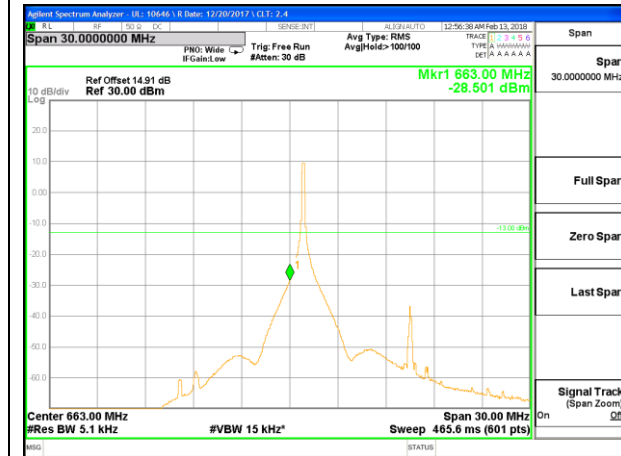




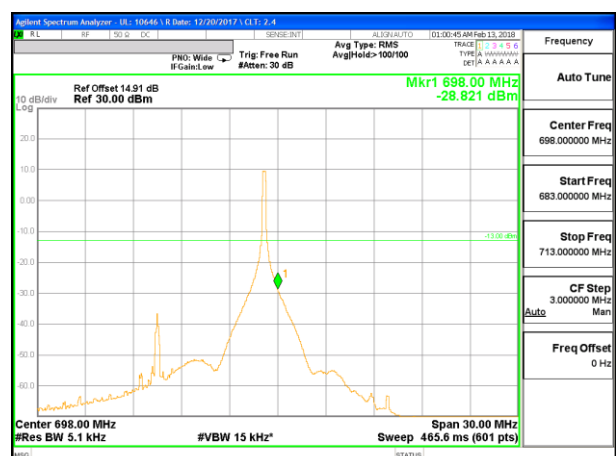
LTE B71 15MHz QPSK Low Channel RB75-0



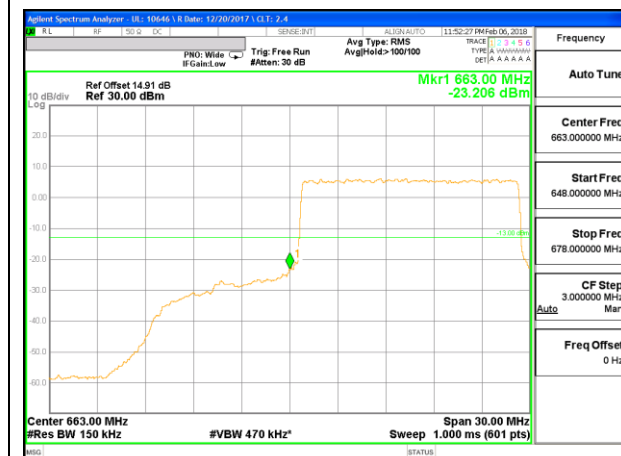
LTE B71 15MHz QPSK High Channel RB75-0



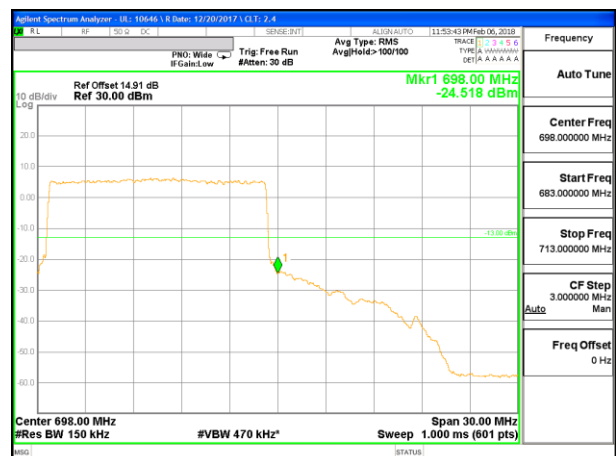
LTE B71 15MHz 16QAM Low Channel RB1-0



LTE B71 15MHz 16QAM High Channel RB1-74



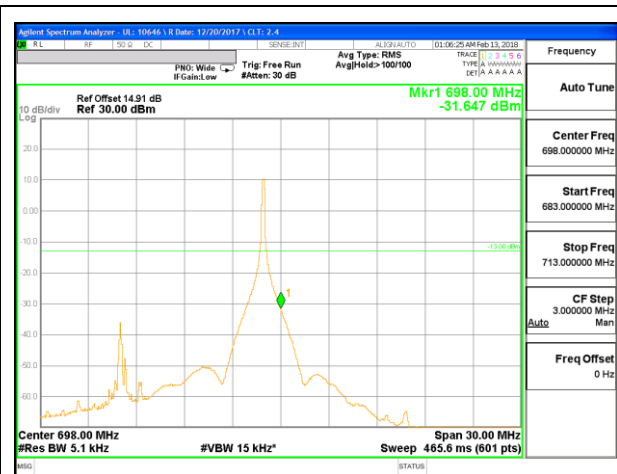
LTE 71 15MHz 16QAM Low Channel RB75-0



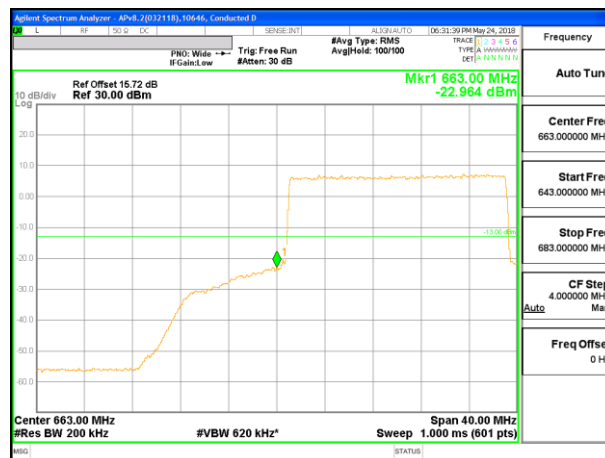
LTE B71 15MHz 16QAM High Channel RB75-0



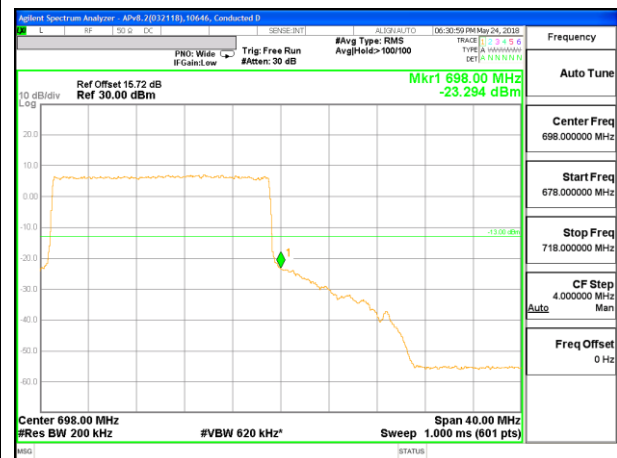
LTE B71 20MHz QPSK Low Channel RB1-0



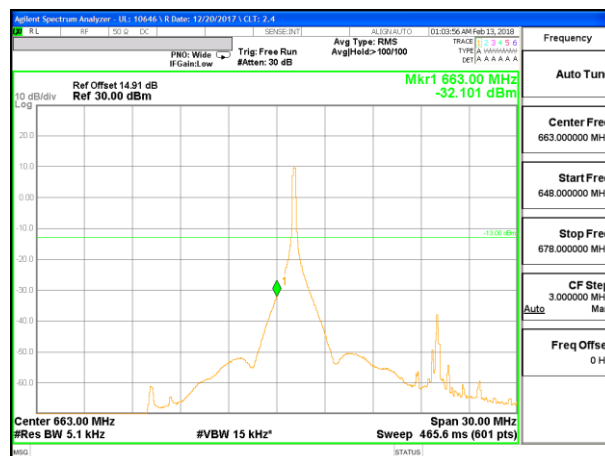
LTE B71 20MHz QPSK High Channel RB1-99



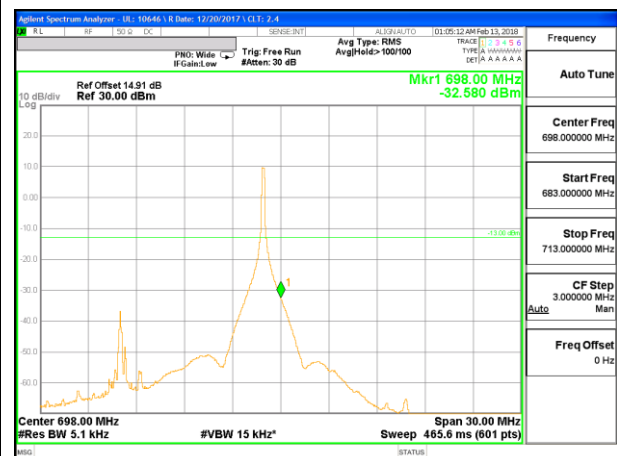
LTE B71 20MHz QPSK Low Channel RB100-0



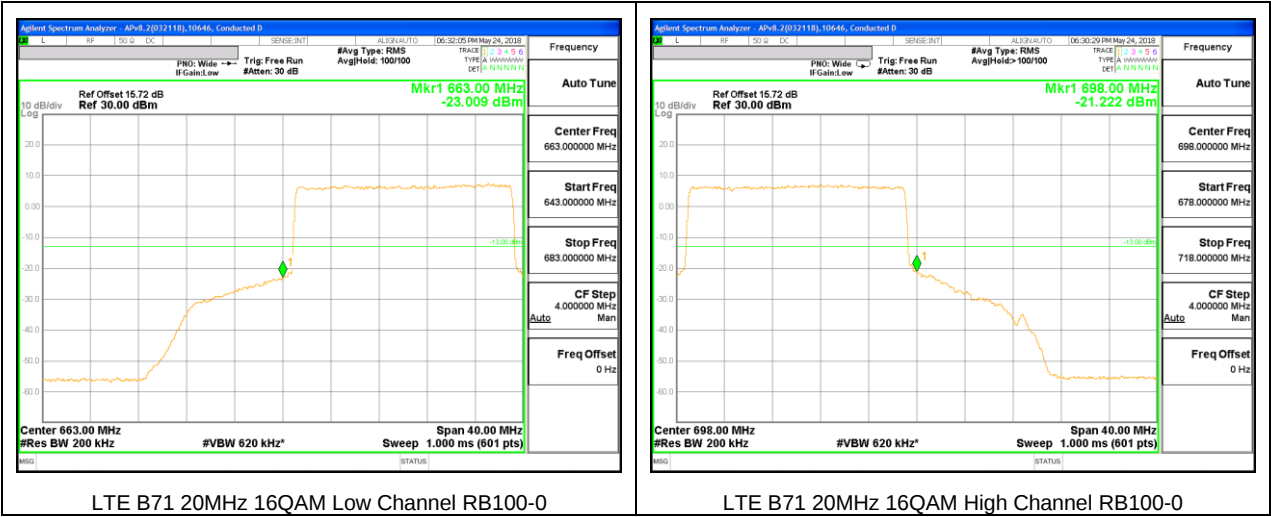
LTE B71 20MHz QPSK High Channel RB100-0



LTE B71 20MHz 16QAM Low Channel RB1-0



LTE B71 20MHz 16QAM High Channel RB1-99



8.3. OUT OF BAND EMISSIONS

RULE PART(S)

§2.1051, §22.901, §22.917, §24.238, §27.53, §90.691 and §90.543

LIMITS

FCC: §22.917, §24.238, §27.53 (c), (g), (h), §90.691, §90.543 (Band 14)

The minimum permissible attenuation level of any spurious emissions is $43 + 10 \log (P)$ dB where transmitting power (P) in Watts.

FCC: §27.53 (a) (Band 30)

The minimum permissible attenuation level of any spurious emissions is $70 + 10 \log (P)$ dB where transmitting power (P) in Watts.

FCC: §27.53 (m) (Band 7, 41)

The minimum permissible attenuation level of any spurious emissions is $55 + 10 \log (P)$ dB where transmitting power (P) in Watts.

TEST PROCEDURE

The RF output of the transmitter was connected to a spectrum analyzer through a calibrated coaxial cable. Sufficient scans were taken to show the out-of-band Emissions, if any, up to 10th harmonic. Multiple sweeps were recorded in maximum hold mode using a peak detector to ensure that the worst-case emissions were caught.

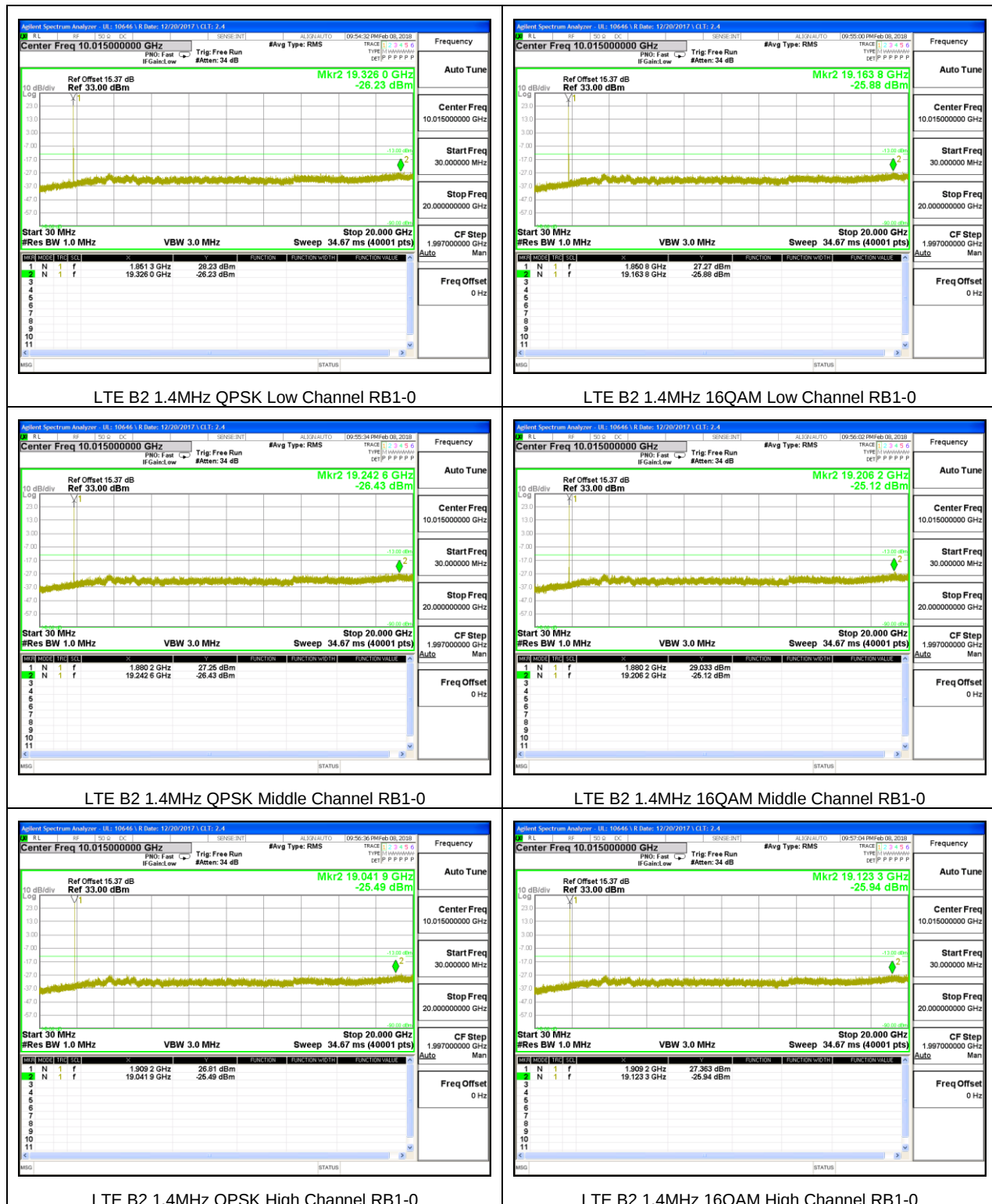
For each out of band emissions measurement:

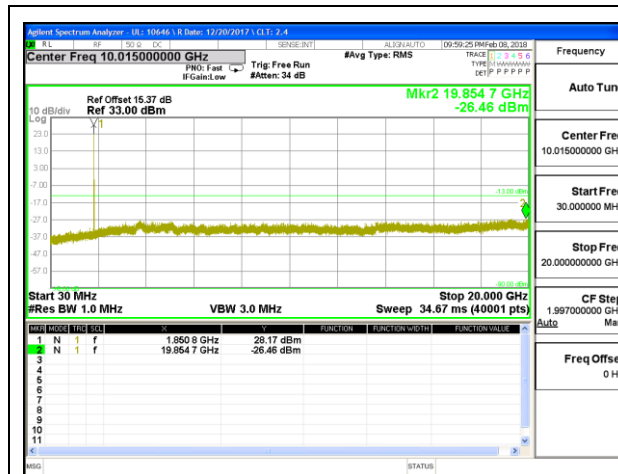
- Set display line at -13 dBm, -25dBm and -40dBm according to the band Limit
- Set RBW & VBW to 100 kHz for the measurement below 1 GHz, and 1 MHz for the measurement above 1 GHz.
(NOTE: Worst case set RBW/VBW to 1MHz/3MHz)

MODES TESTED

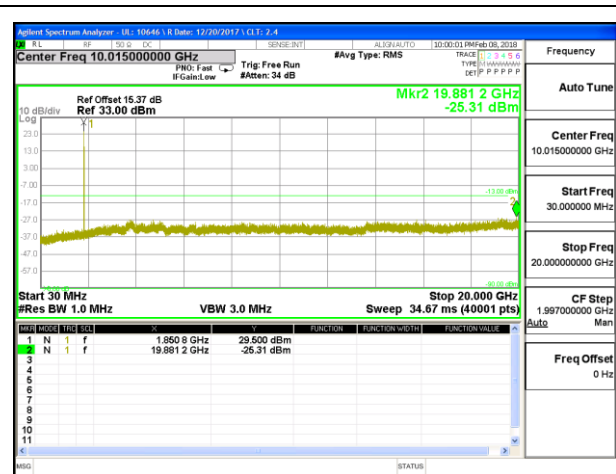
- LTE Band 2
- LTE Band 5
- LTE Band 7
- LTE Band 12
- LTE Band 13
- LTE Band 14
- LTE Band 17
- LTE Band 25
- LTE Band 26
- LTE Band 30
- LTE Band 41
- LTE Band 66
- LTE Band 71

8.3.1. ANT 1, LTE BAND 2

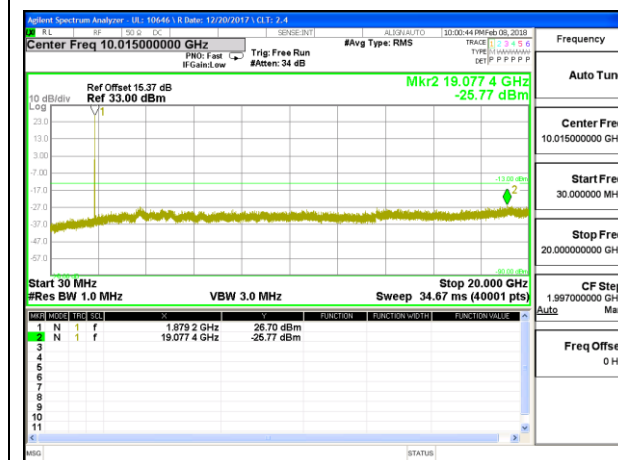




LTE B2 3MHz QPSK Low Channel RB1-0



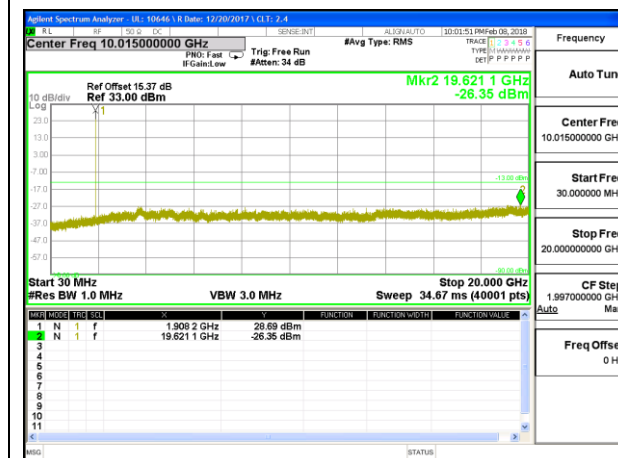
LTE B2 3MHz 16QAM Low Channel RB1-0



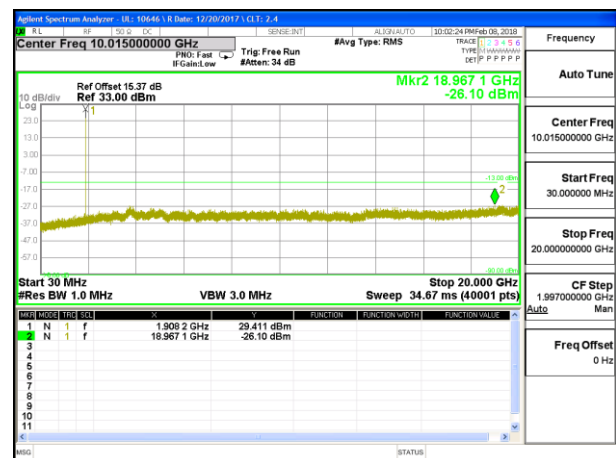
LTE B2 3MHz QPSK Middle Channel RB1-0



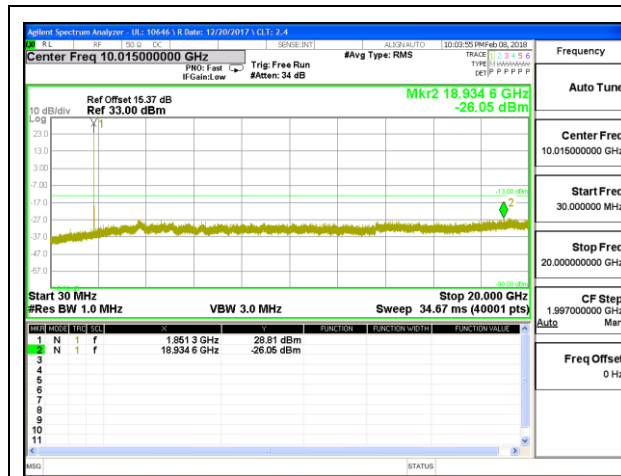
LTE B2 3MHz 16QAM Middle Channel RB1-0



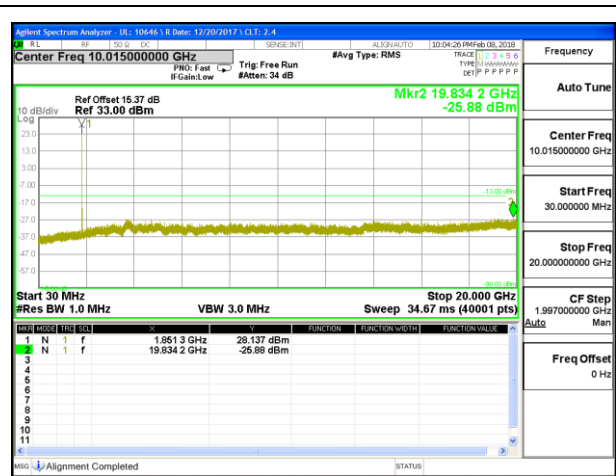
LTE B2 3MHz QPSK High Channel RB1-0



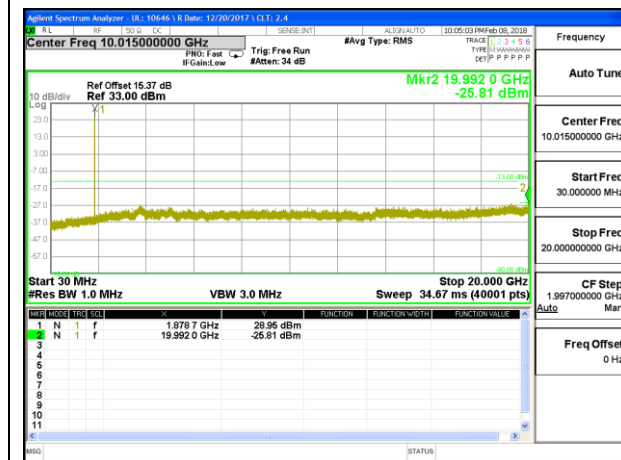
LTE B2 3MHz 16QAM High Channel RB1-0



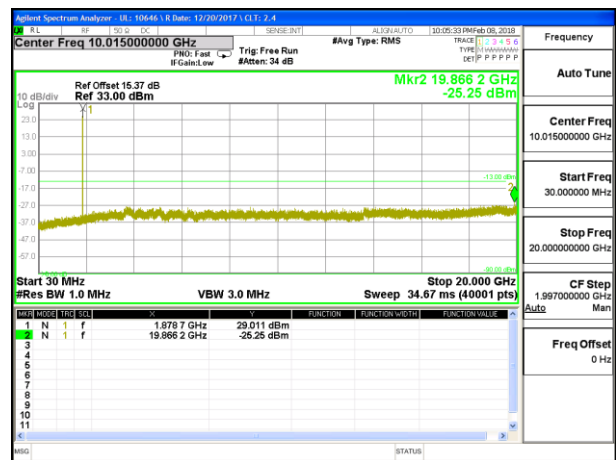
LTE B2 5MHz QPSK Low Channel RB1-0



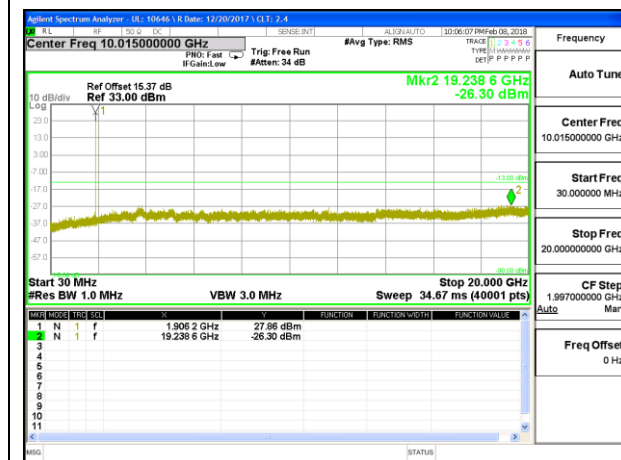
LTE B2 5MHz 16QAM Low Channel RB1-0



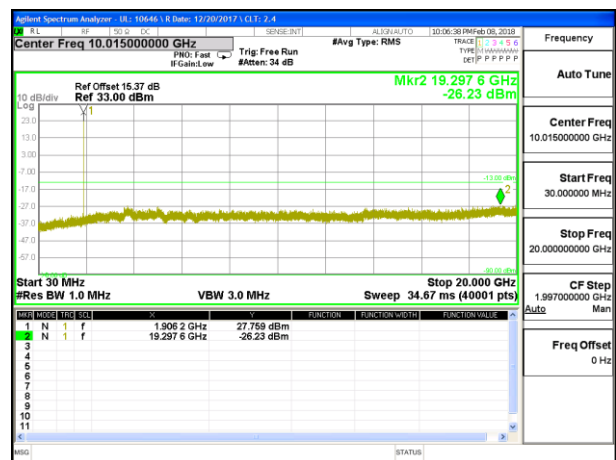
LTE B2 5MHz QPSK Middle Channel RB1-0



LTE B2 5MHz 16QAM Middle Channel RB1-0



LTE B2 5MHz QPSK High Channel RB1-0



LTE B2 5MHz 16QAM High Channel RB1-0

