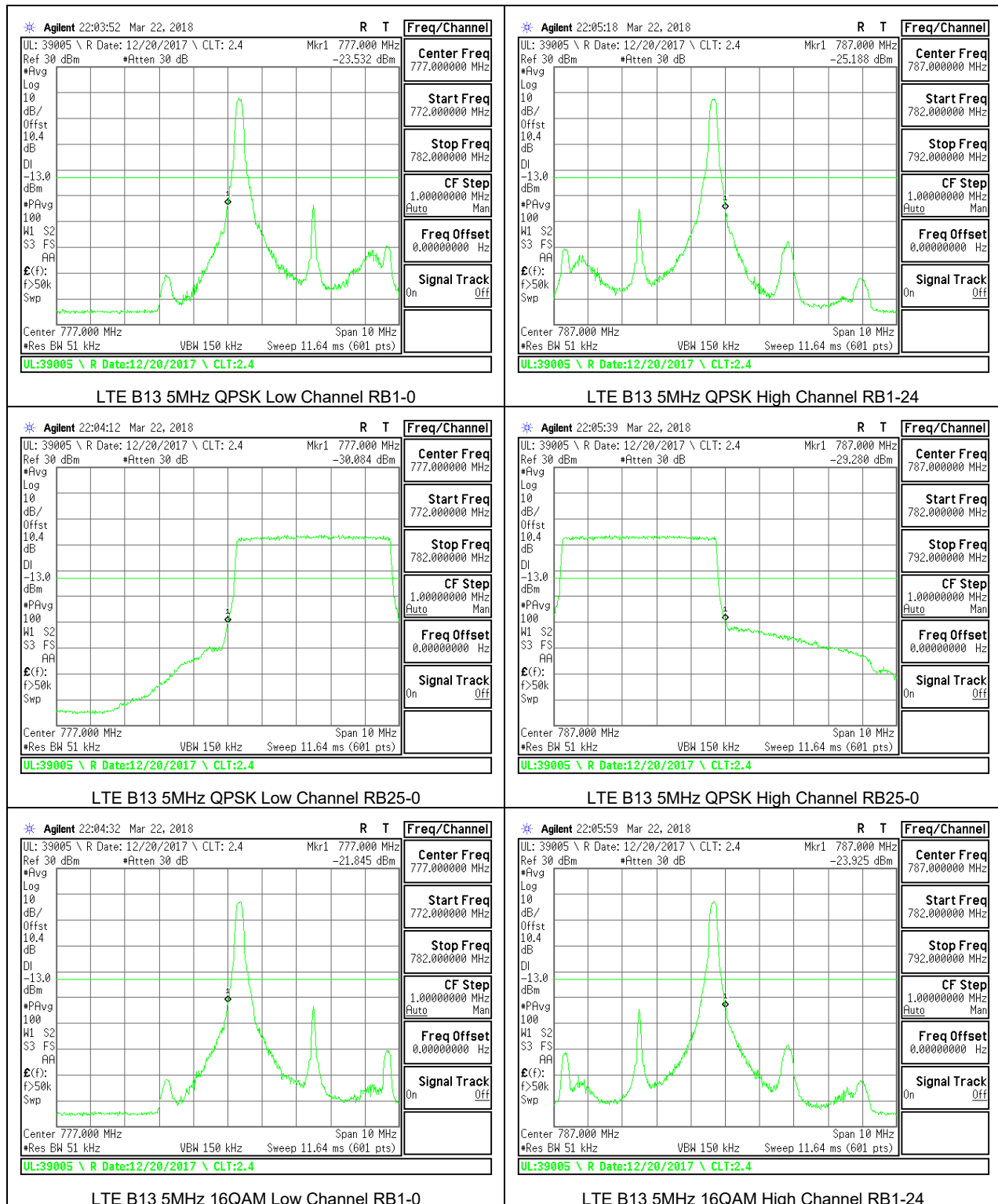
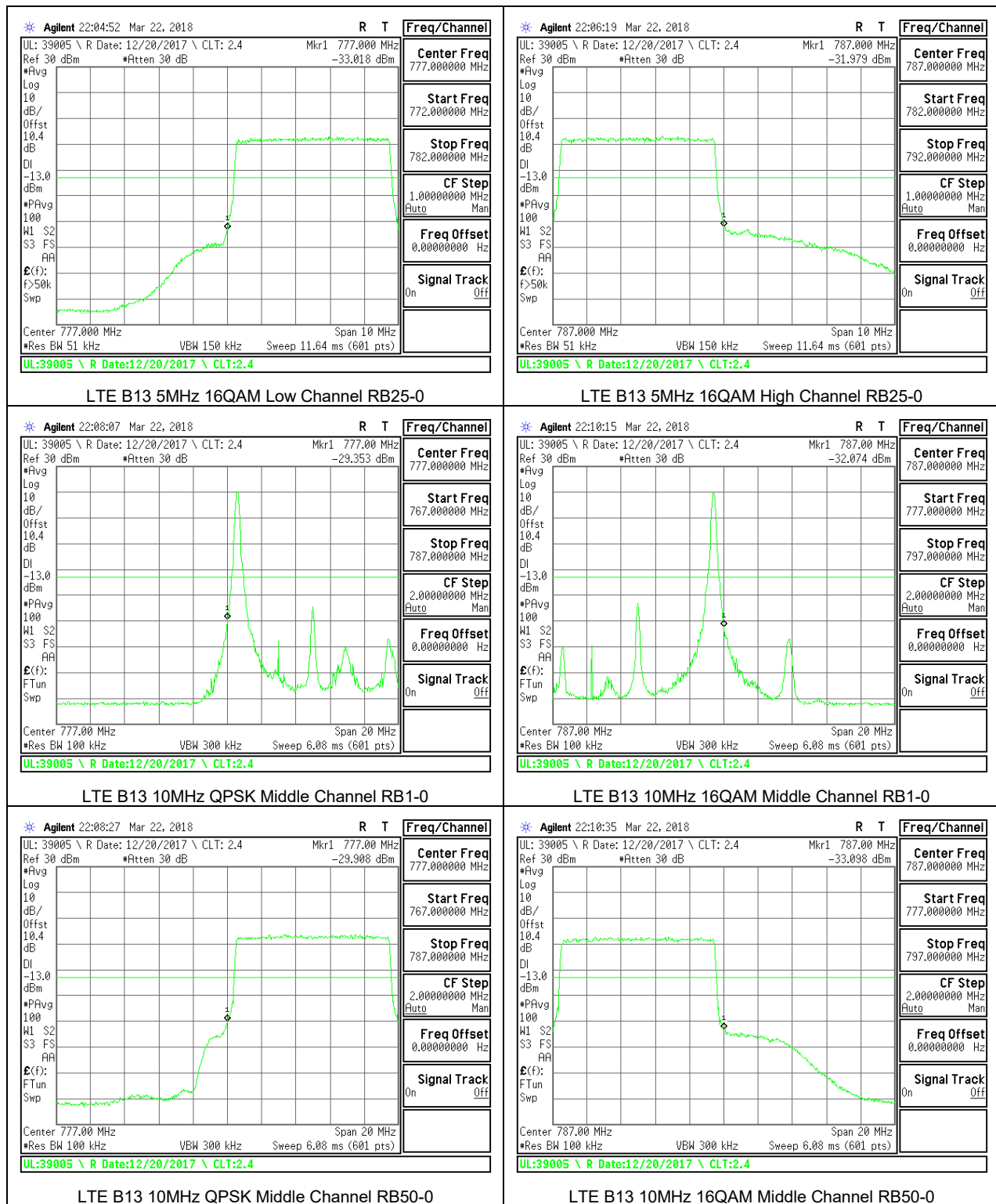
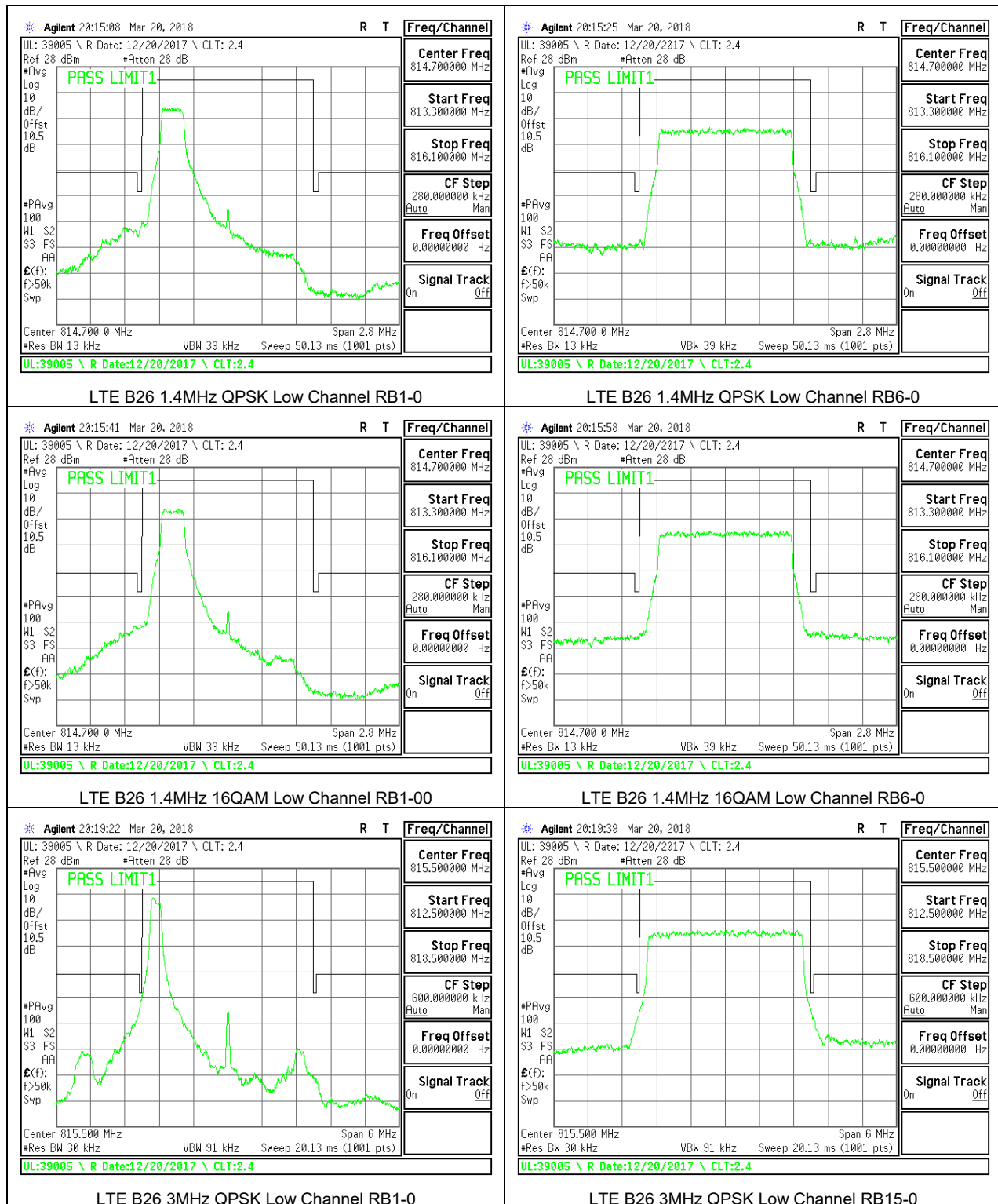


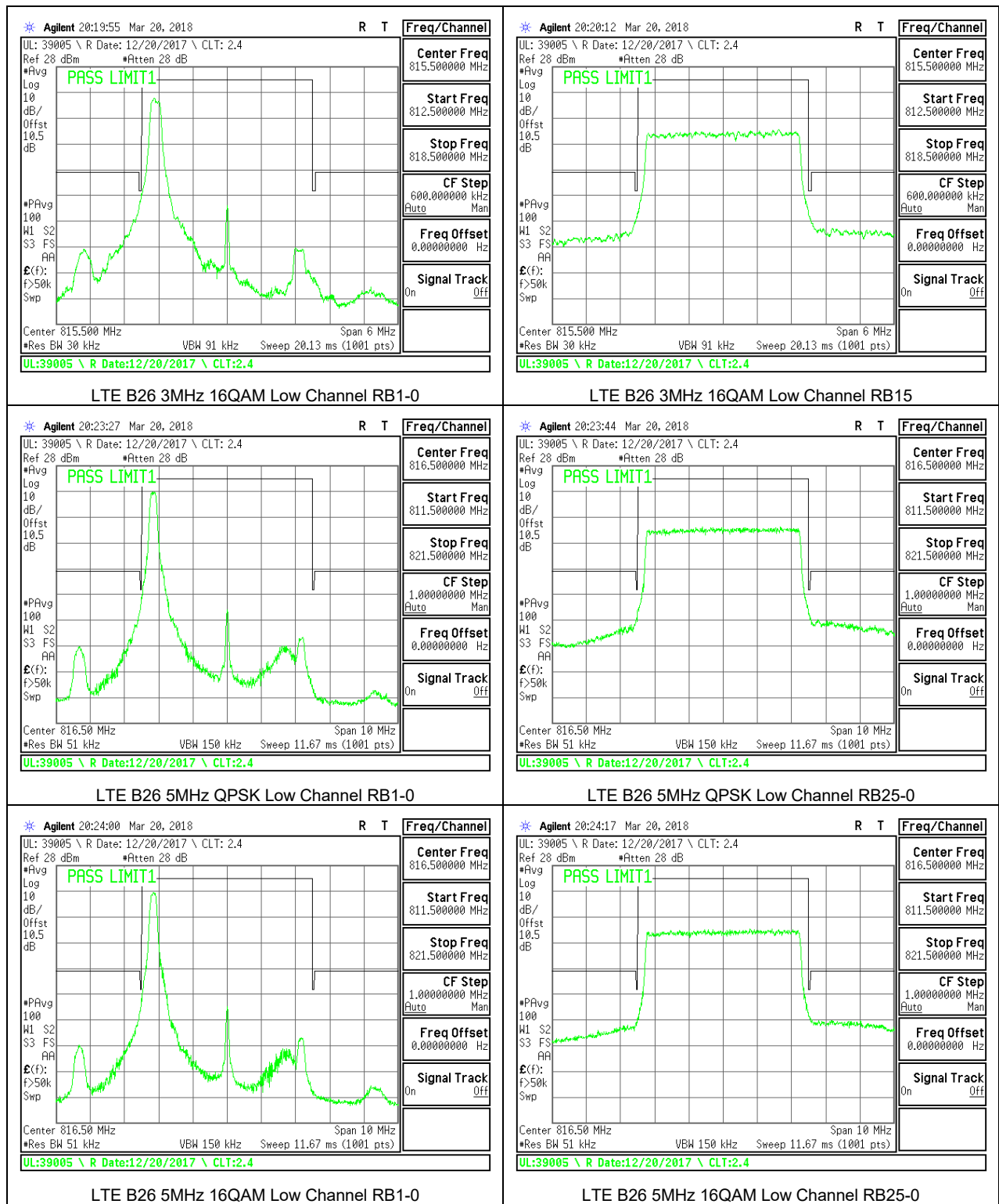
8.2.11. LTE BAND 13 BANDEDGE

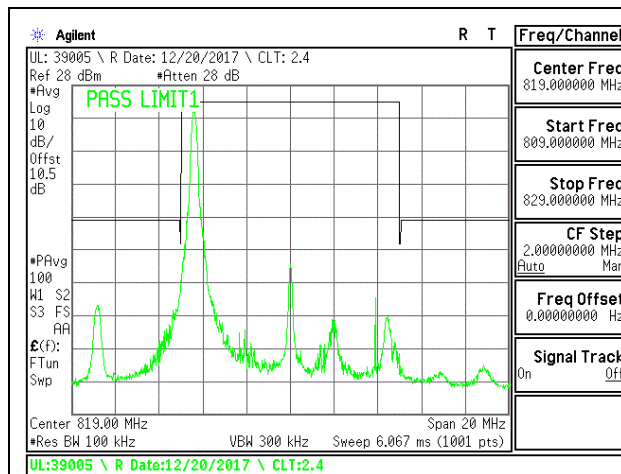




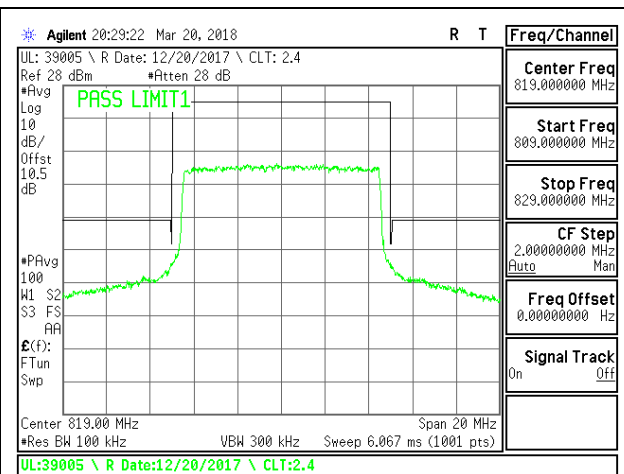
8.2.12. LTE BAND 26 EMISSION MASK (FCC PART 90S)



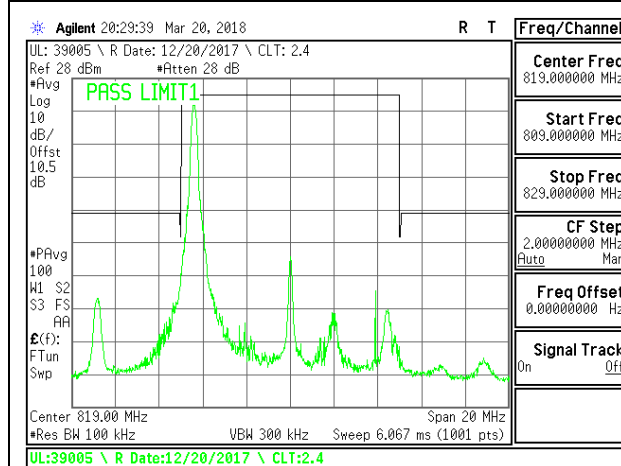




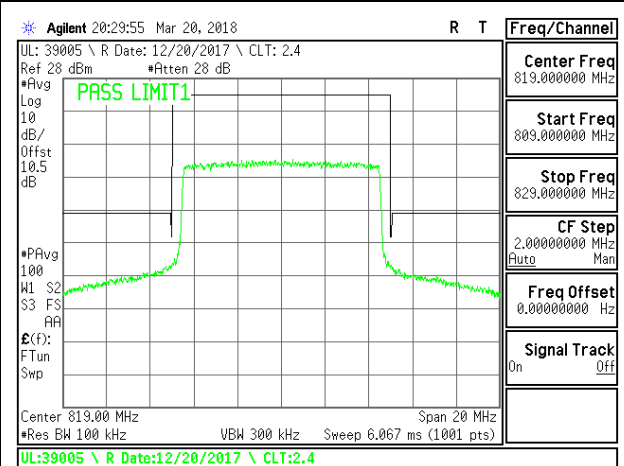
LTE B26 10MHz QPSK Middle Channel RB1-0



LTE B26 10MHz QPSK Middle Channel RB50-0

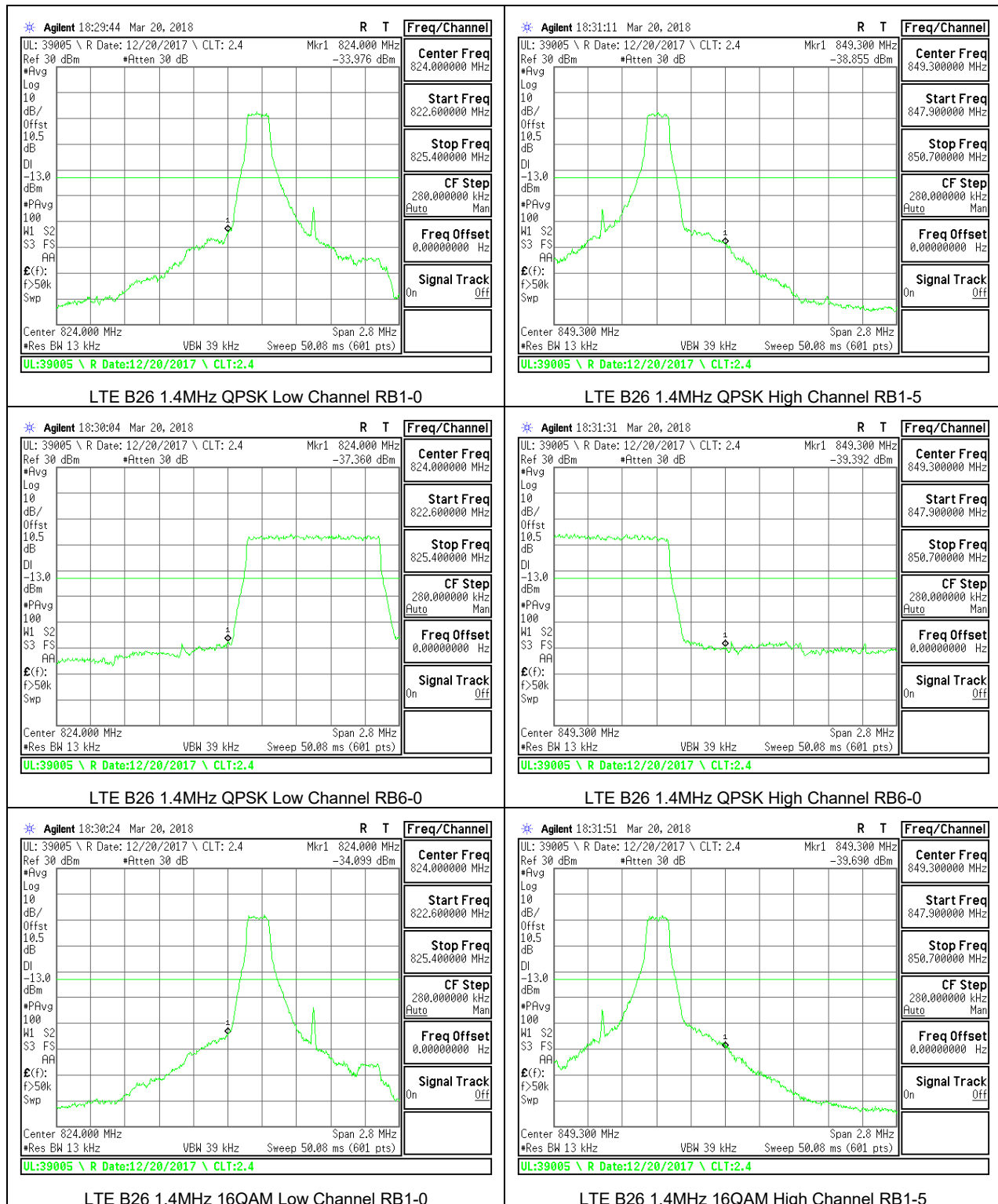


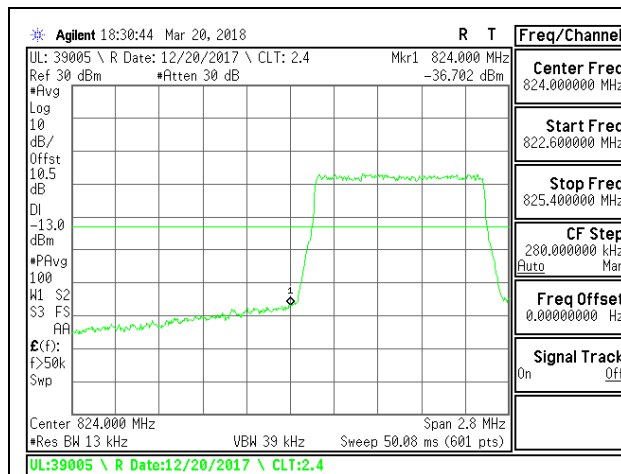
LTE B26 10MHz 16QAM Middle Channel RB1-0



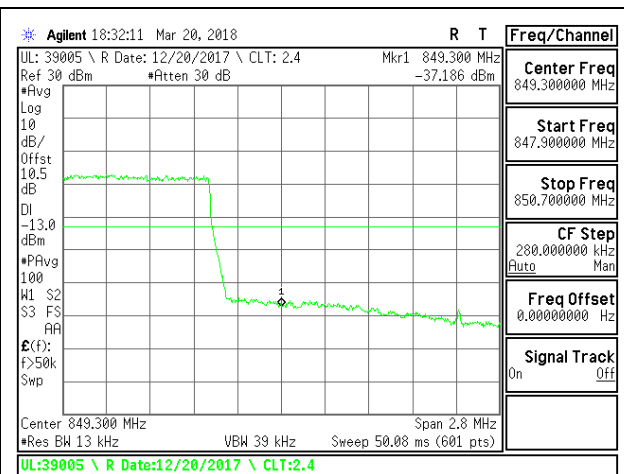
LTE B26 10MHz 16QAM Middle Channel RB50-0

8.2.13. LTE BAND 26 BANDEDGE (FCC PART 22)

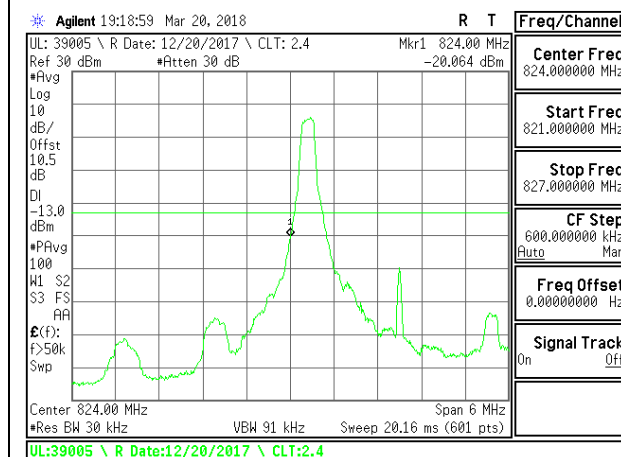




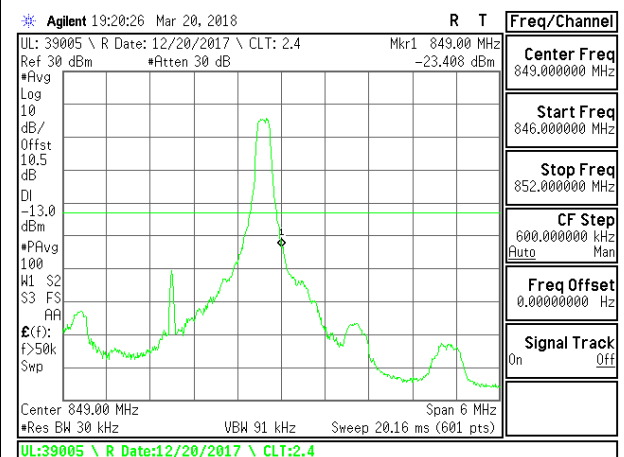
LTE B26 1.4MHz 16QAM Low Channel RB6-0



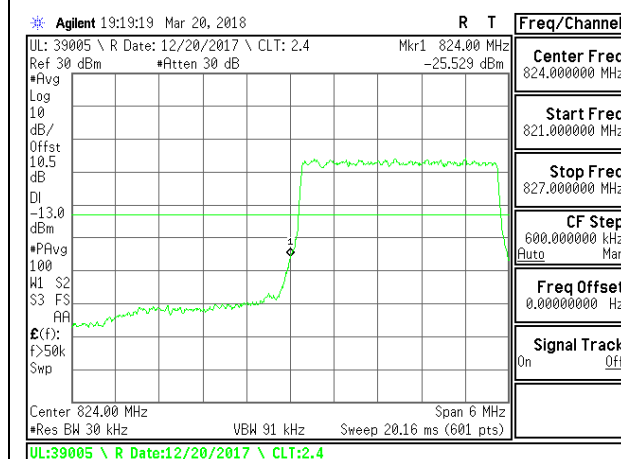
LTE B26 1.4MHz 16QAM High Channel RB6-0



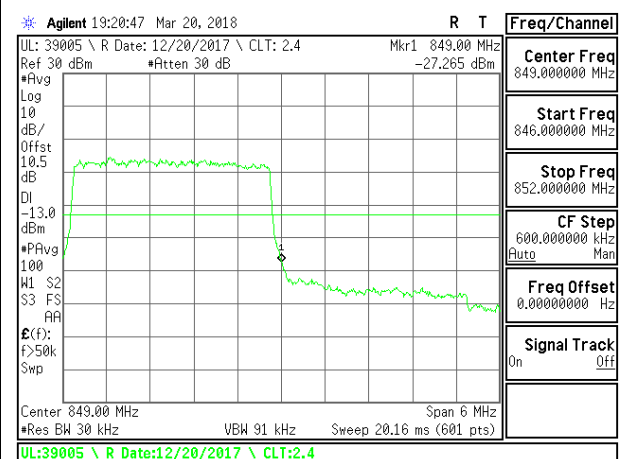
LTE B26 3MHz QPSK Low Channel RB1-0



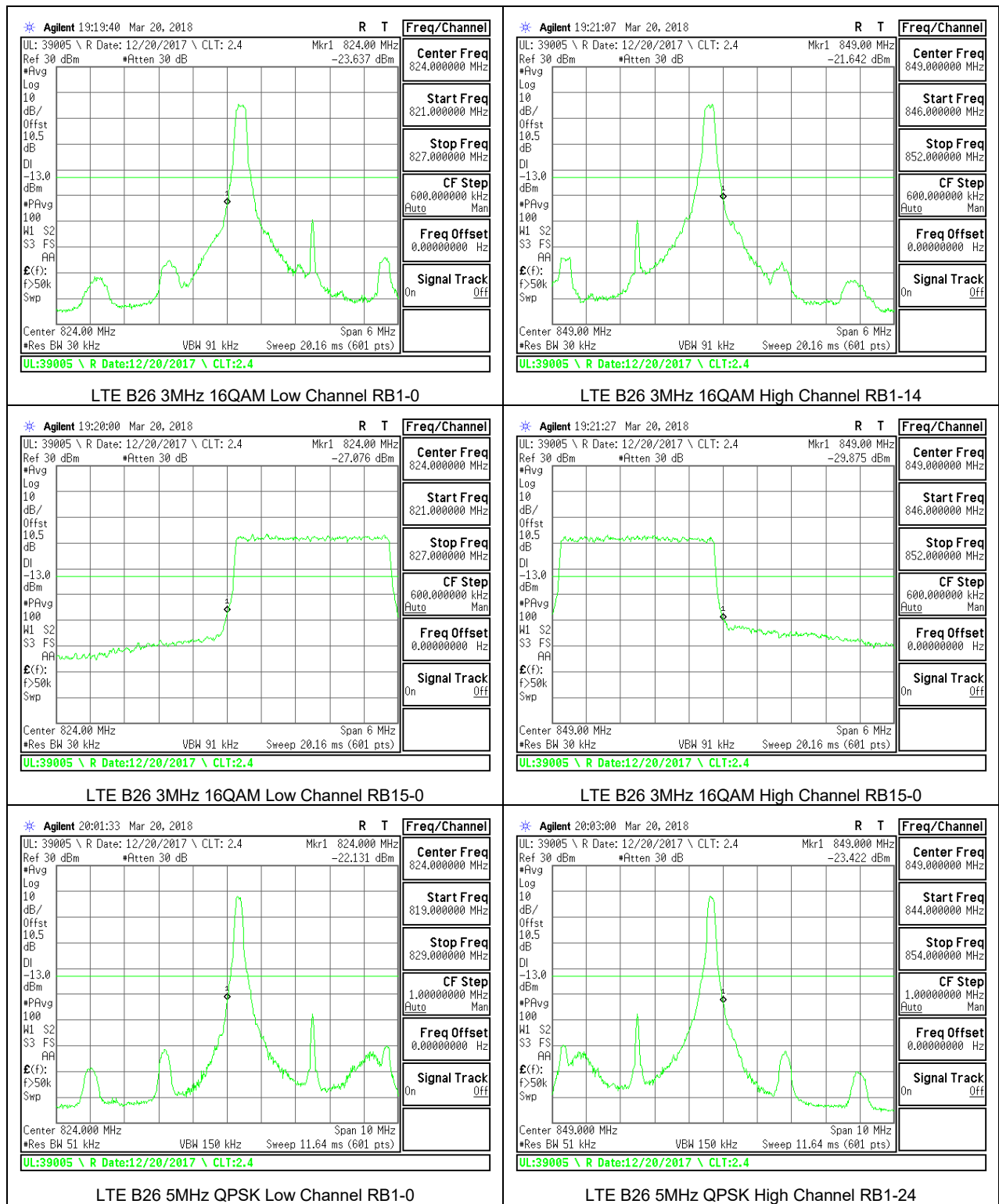
LTE B26 3MHz QPSK High Channel RB1-14

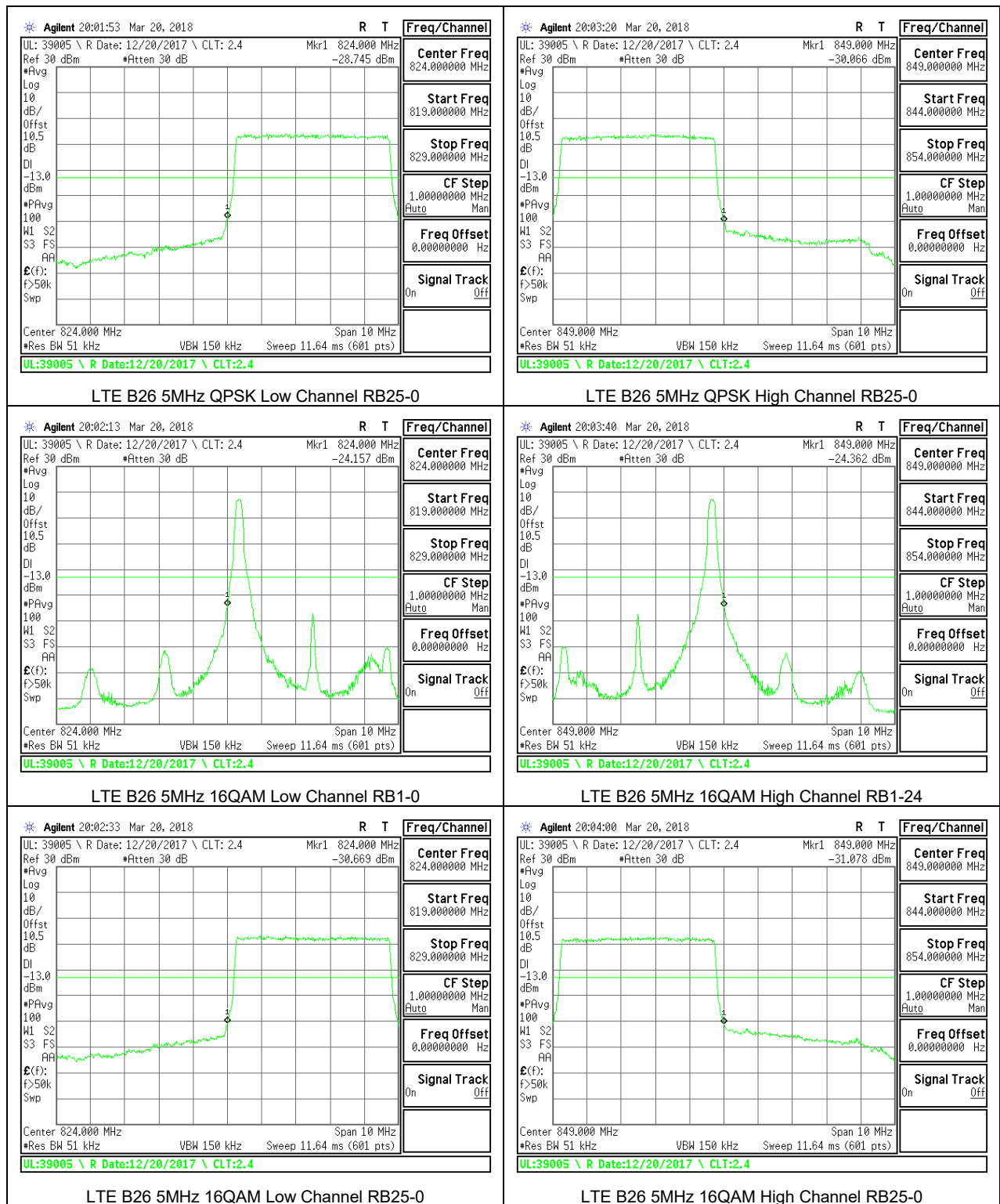


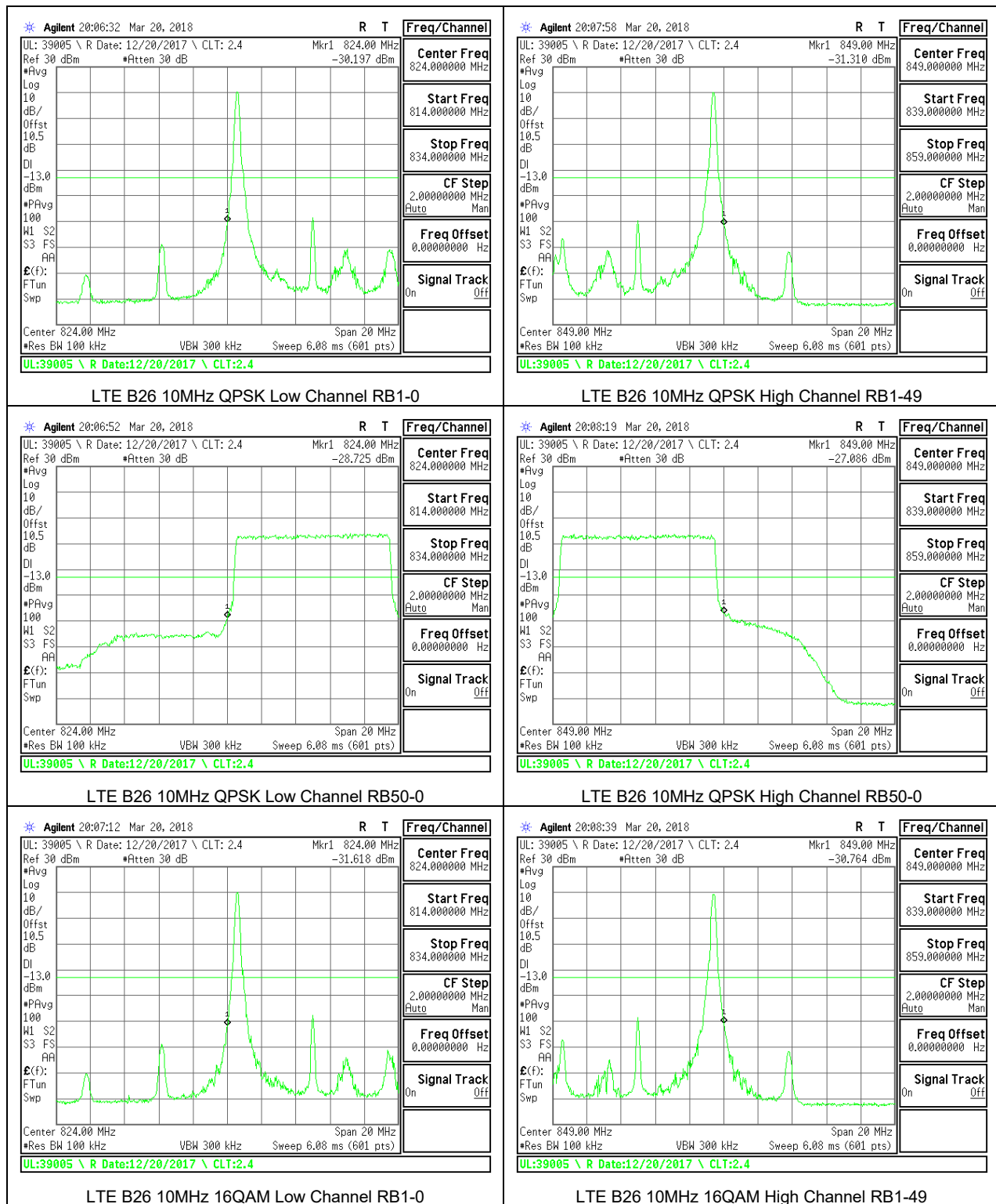
LTE B26 3MHz QPSK Low Channel RB15-0

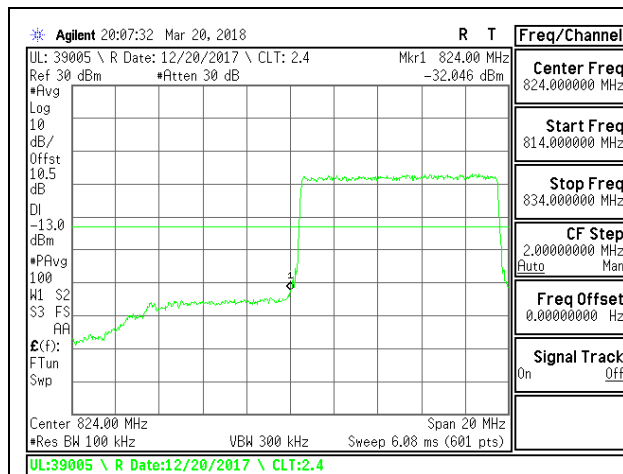


LTE B26 3MHz QPSK High Channel RB15-0

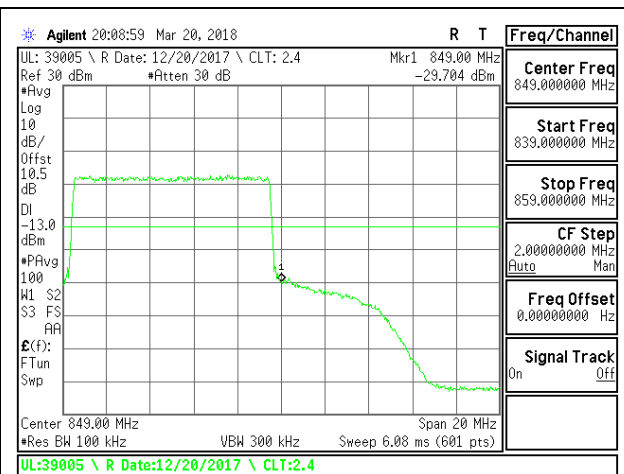




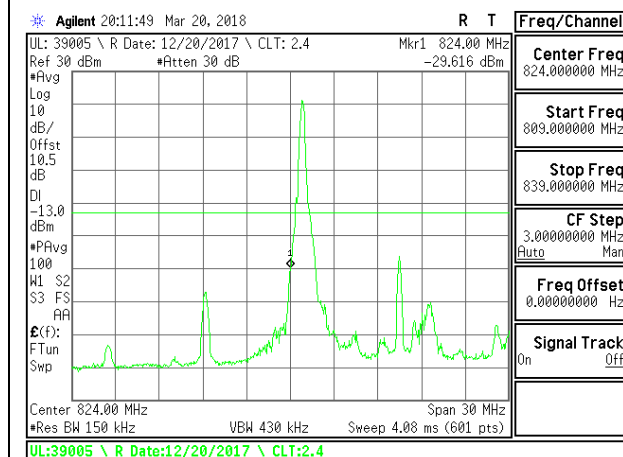




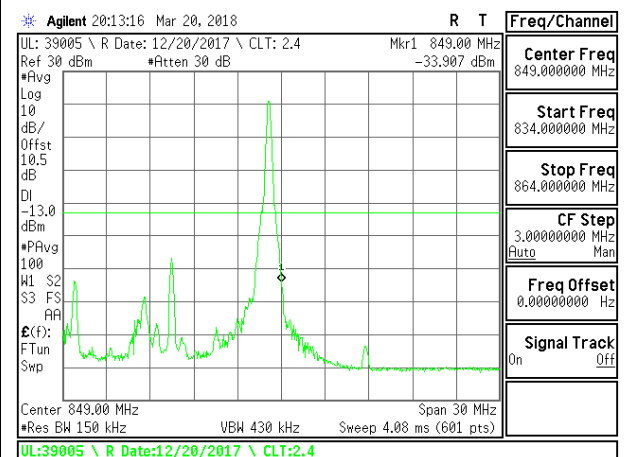
LTE B26 10MHz 16QAM Low Channel RB50-0



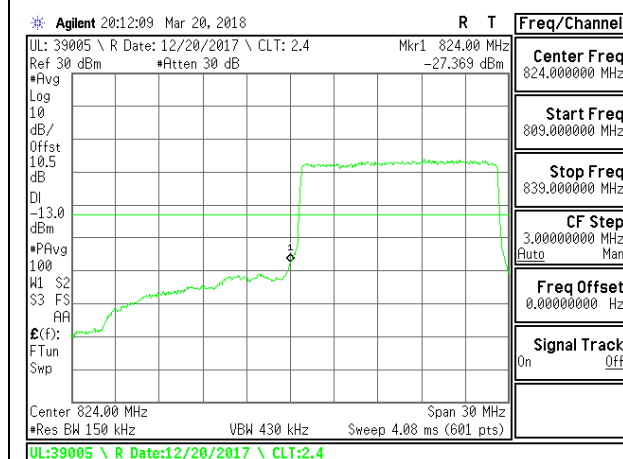
LTE B26 10MHz 16QAM High Channel RB50-0



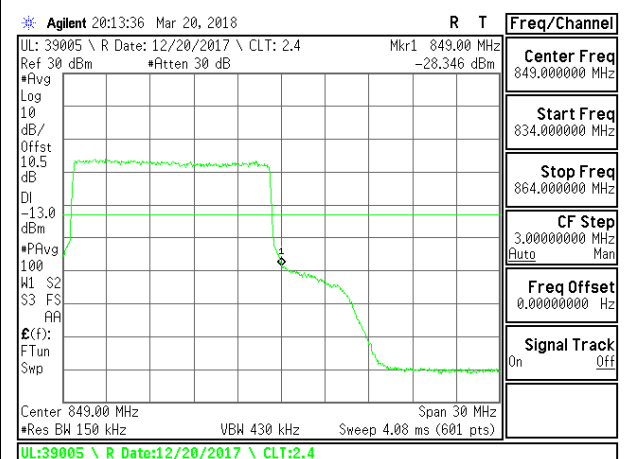
LTE B26 15MHz QPSK Low Channel RB1-0



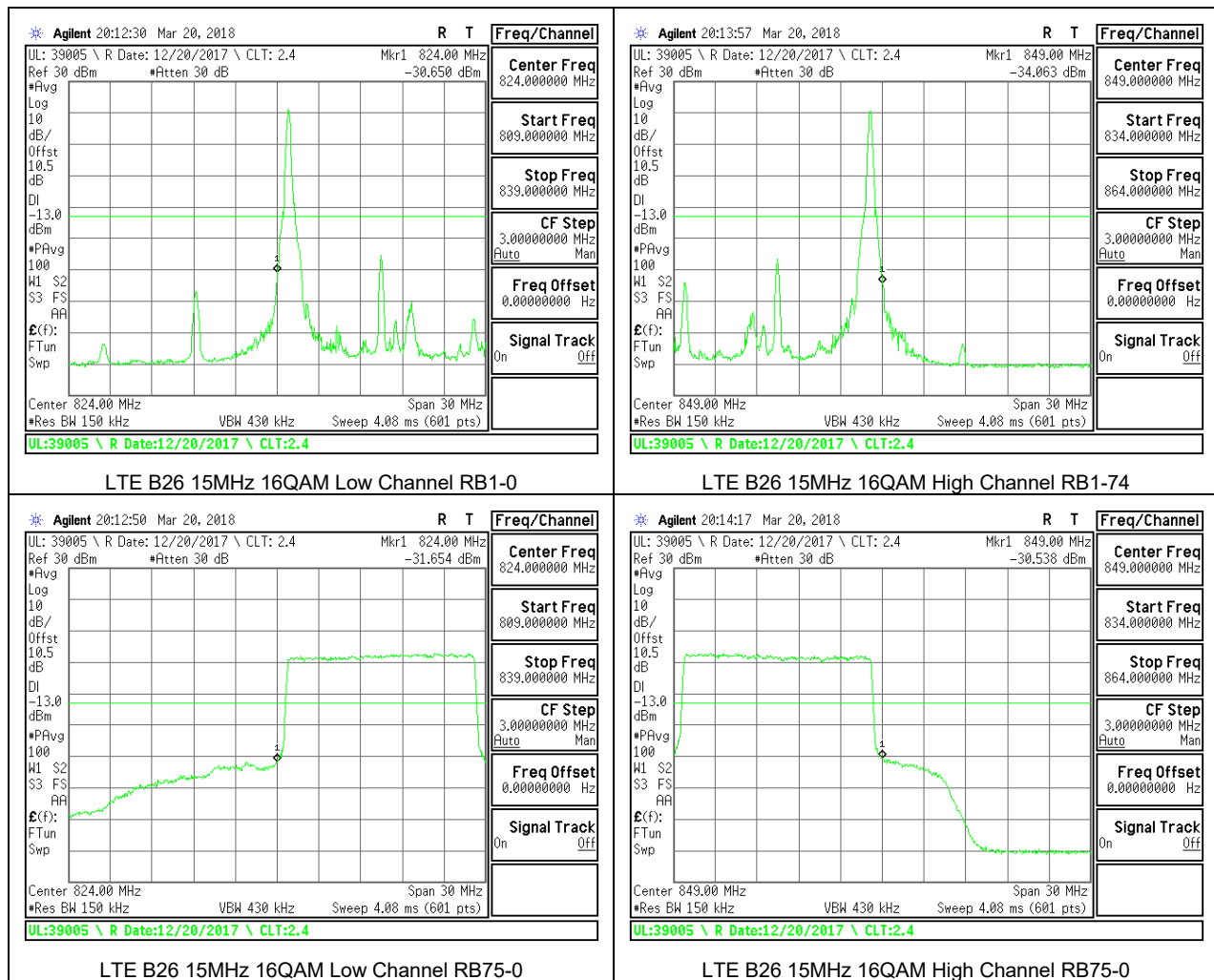
LTE B26 15MHz QPSK High Channel RB1-74



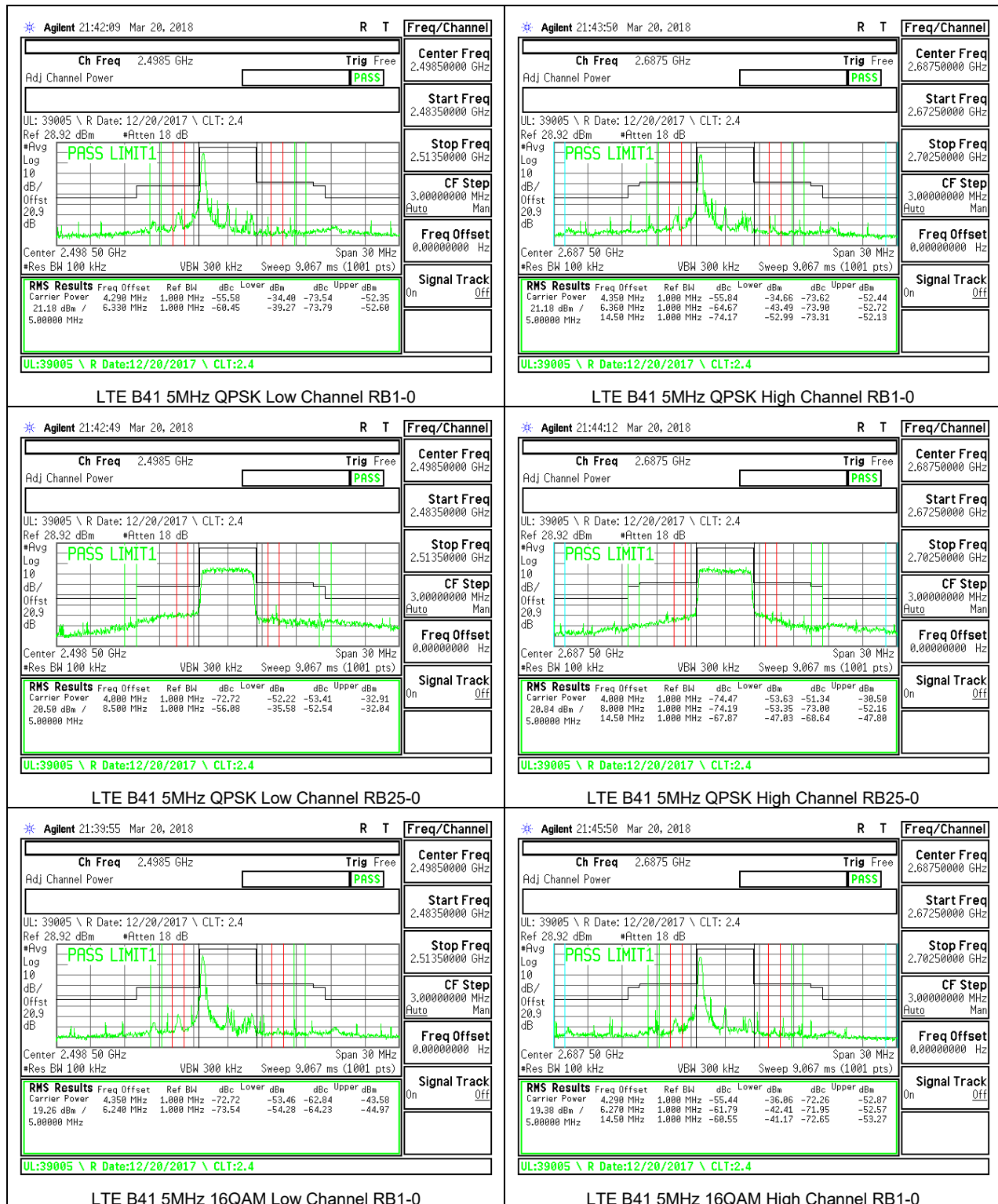
LTE B26 15MHz QPSK Low Channel RB75-0

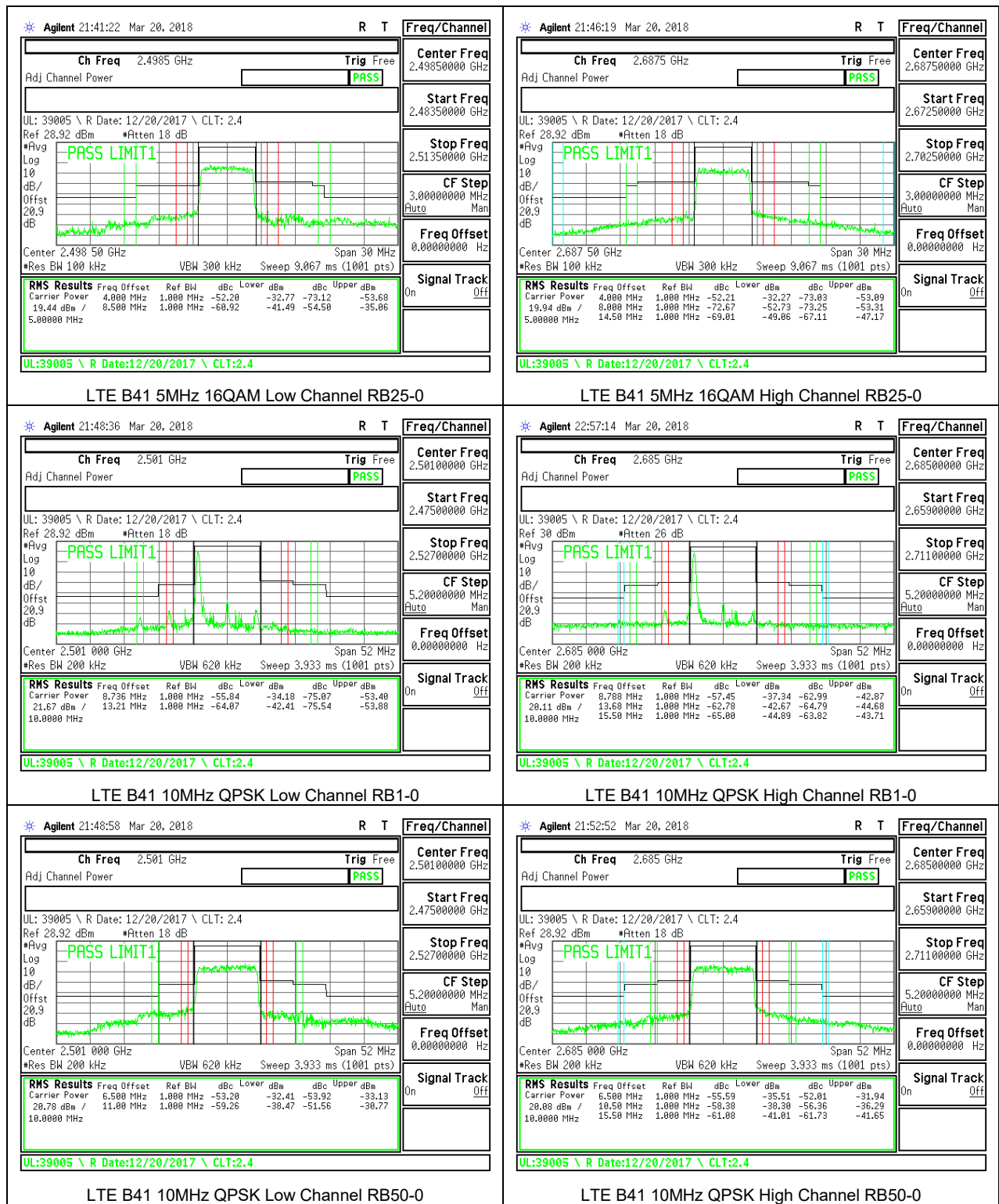


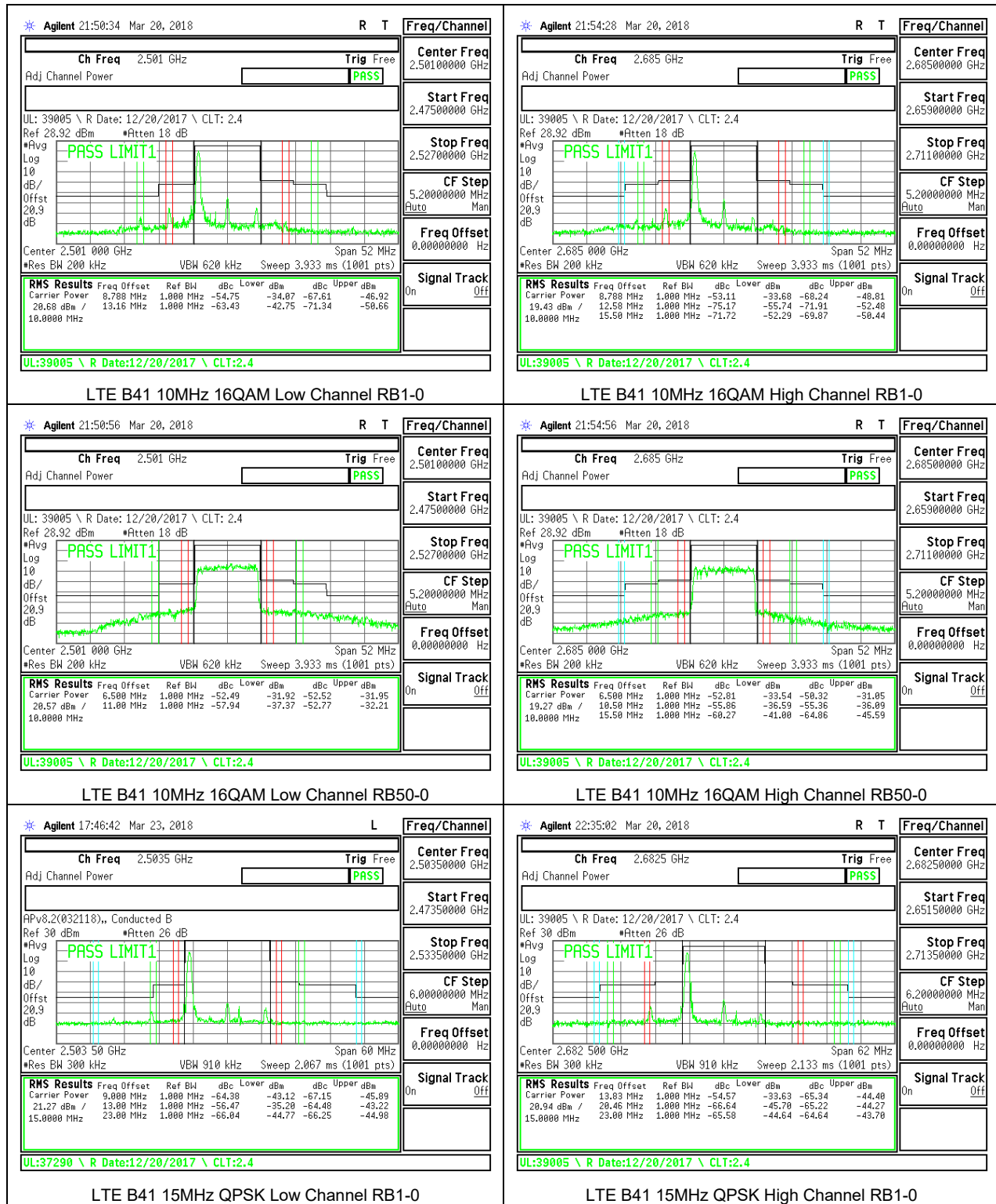
LTE B26 15MHz QPSK High Channel RB75-0

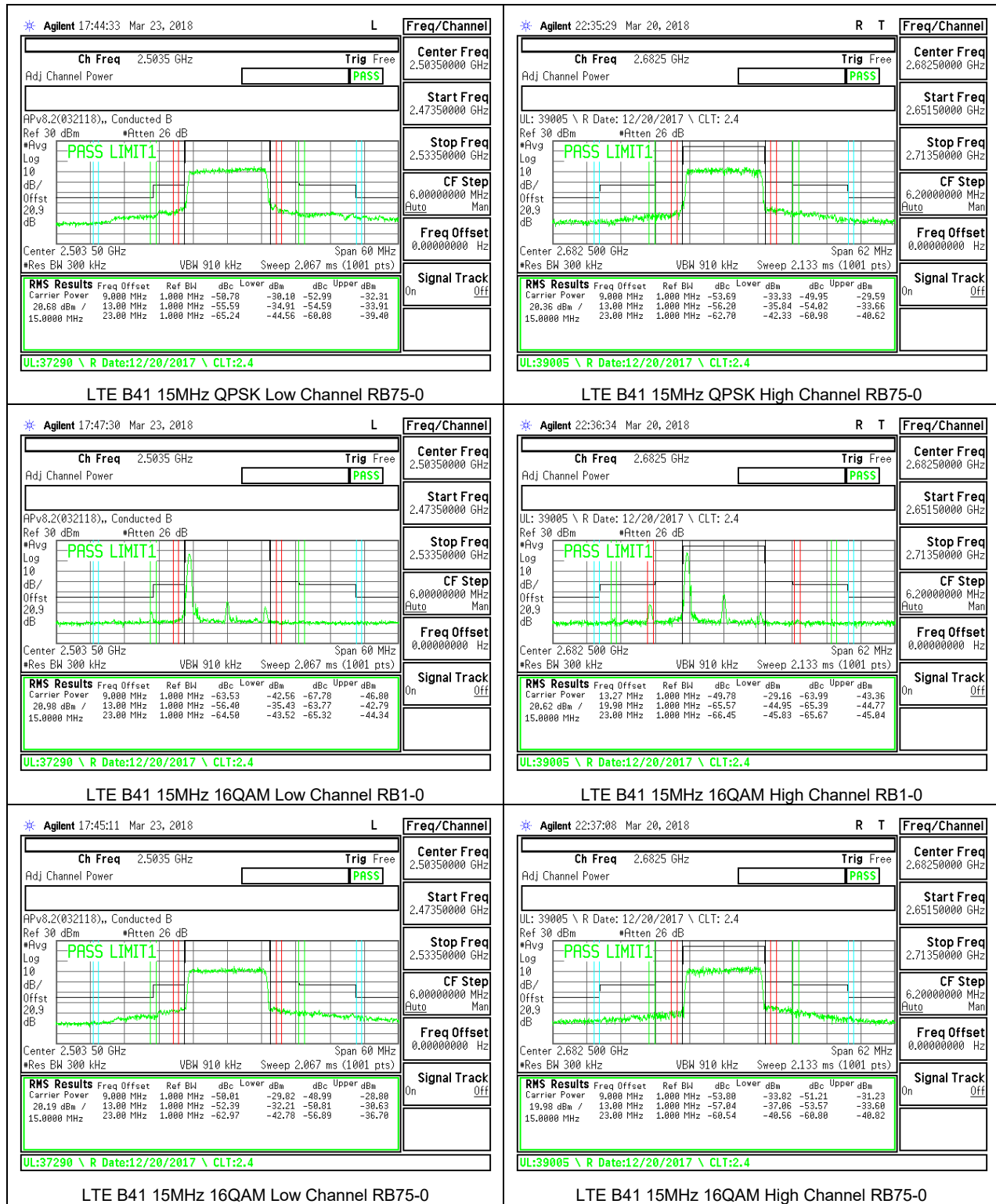


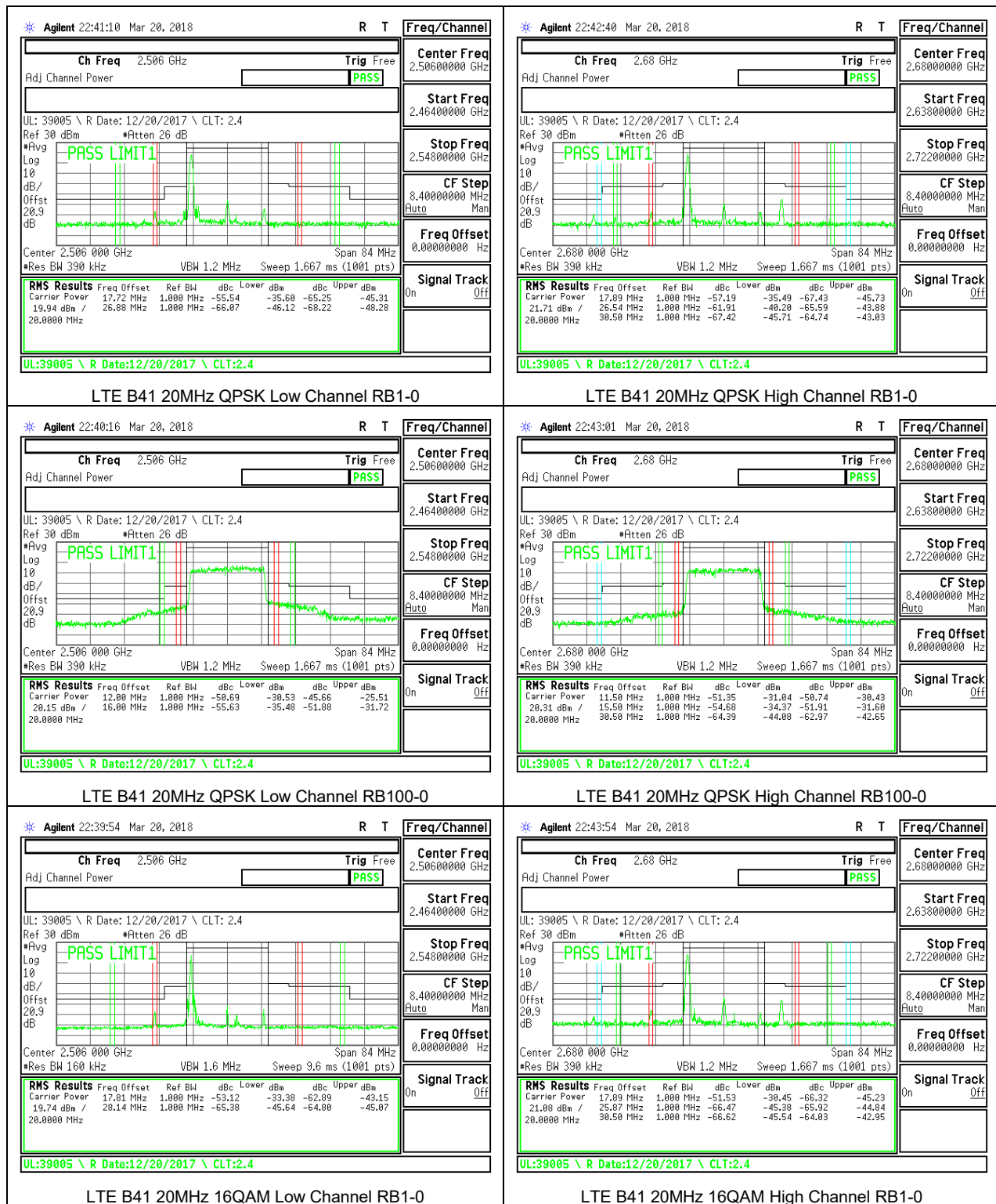
8.2.14. LTE BAND 41 ADJACENT CHANNEL POWER

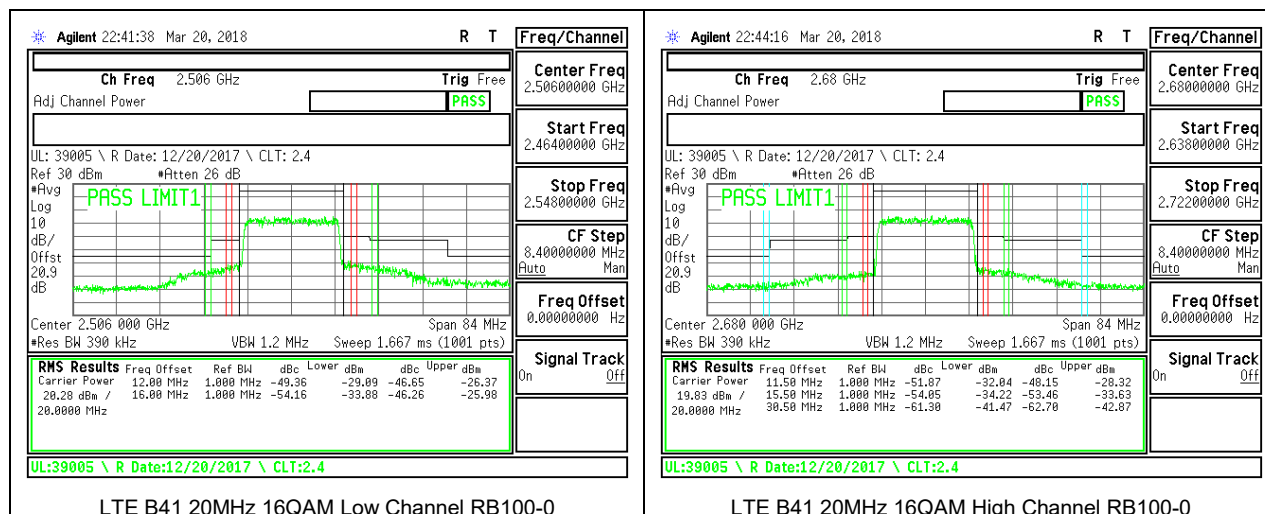




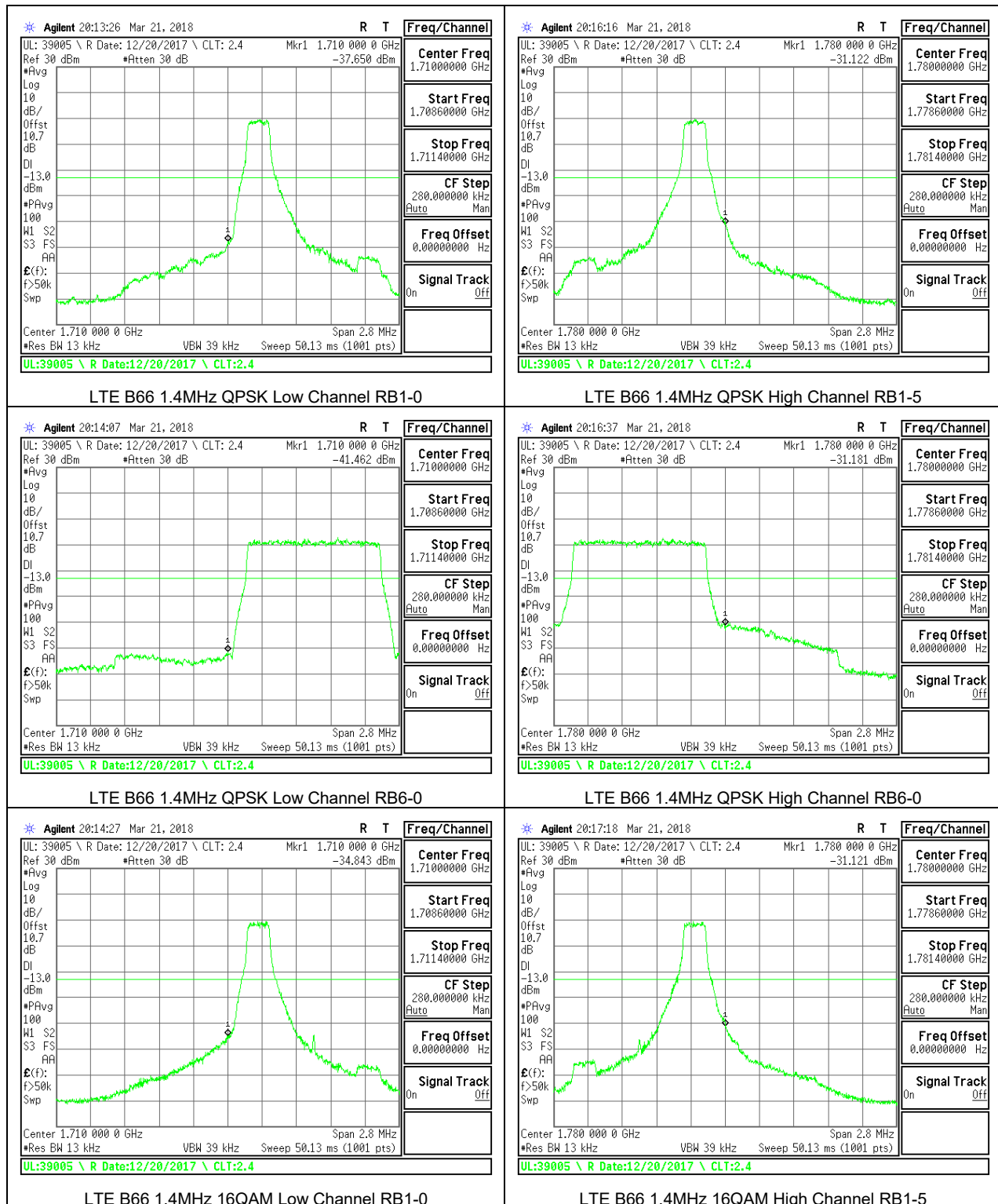


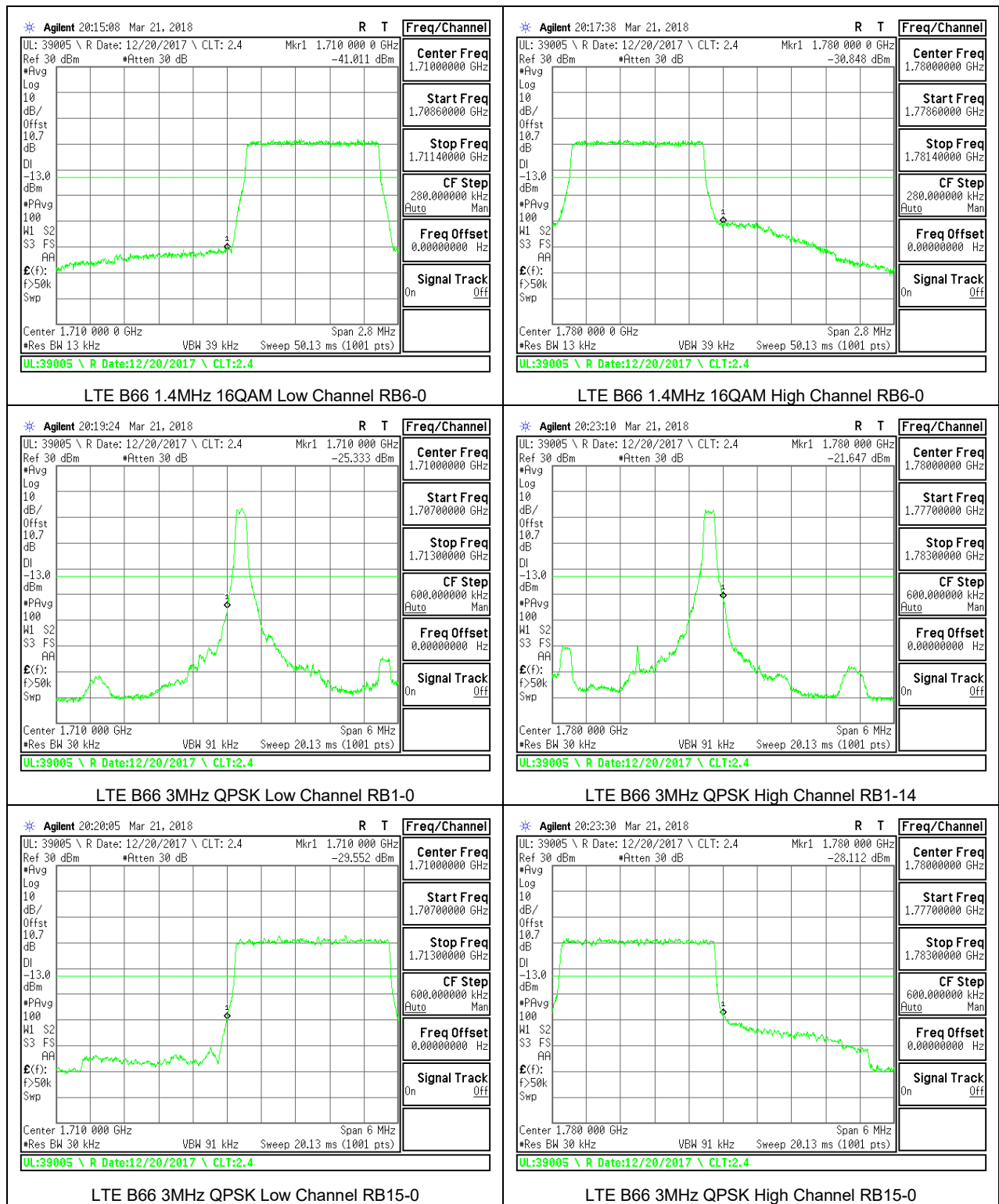


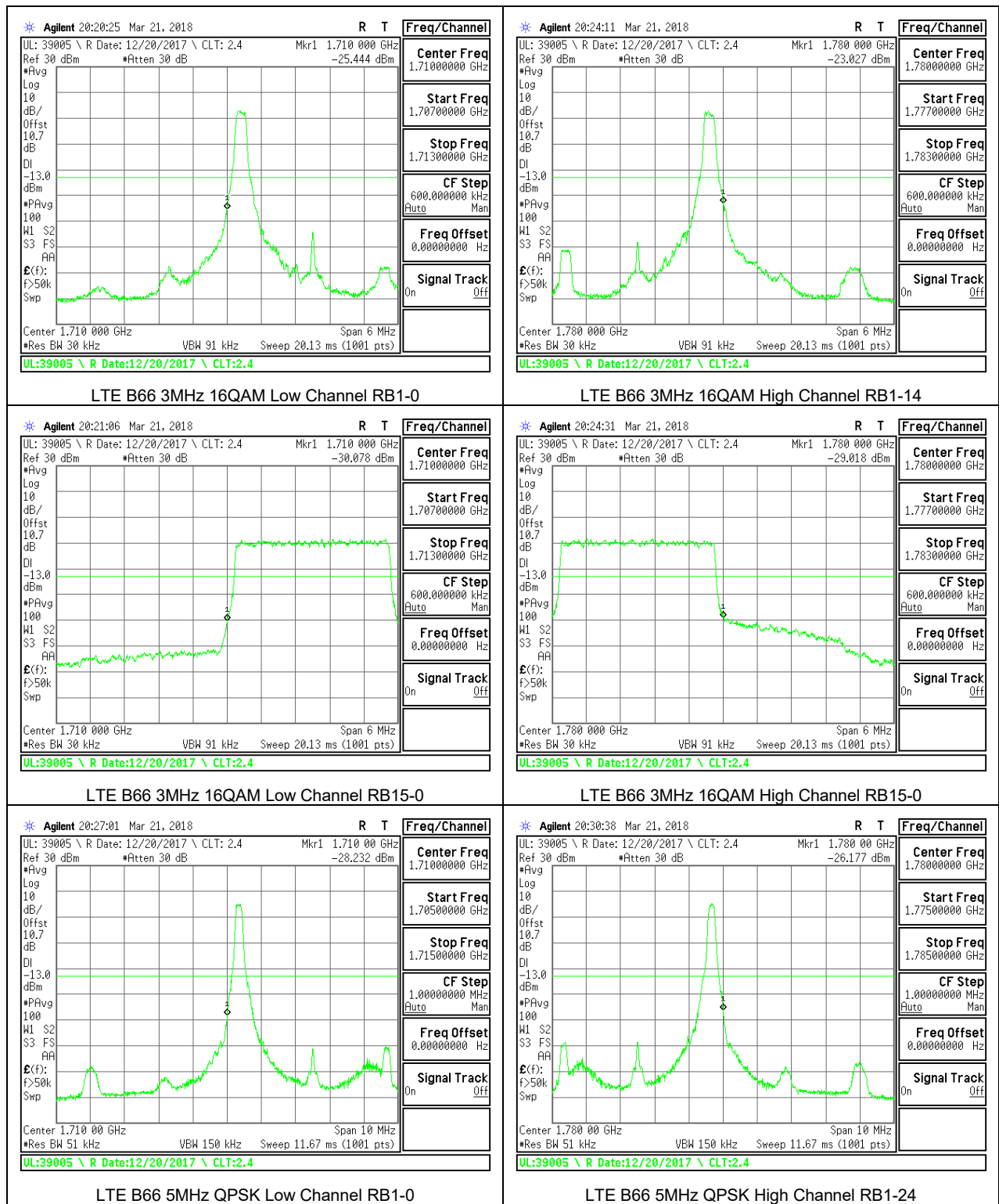


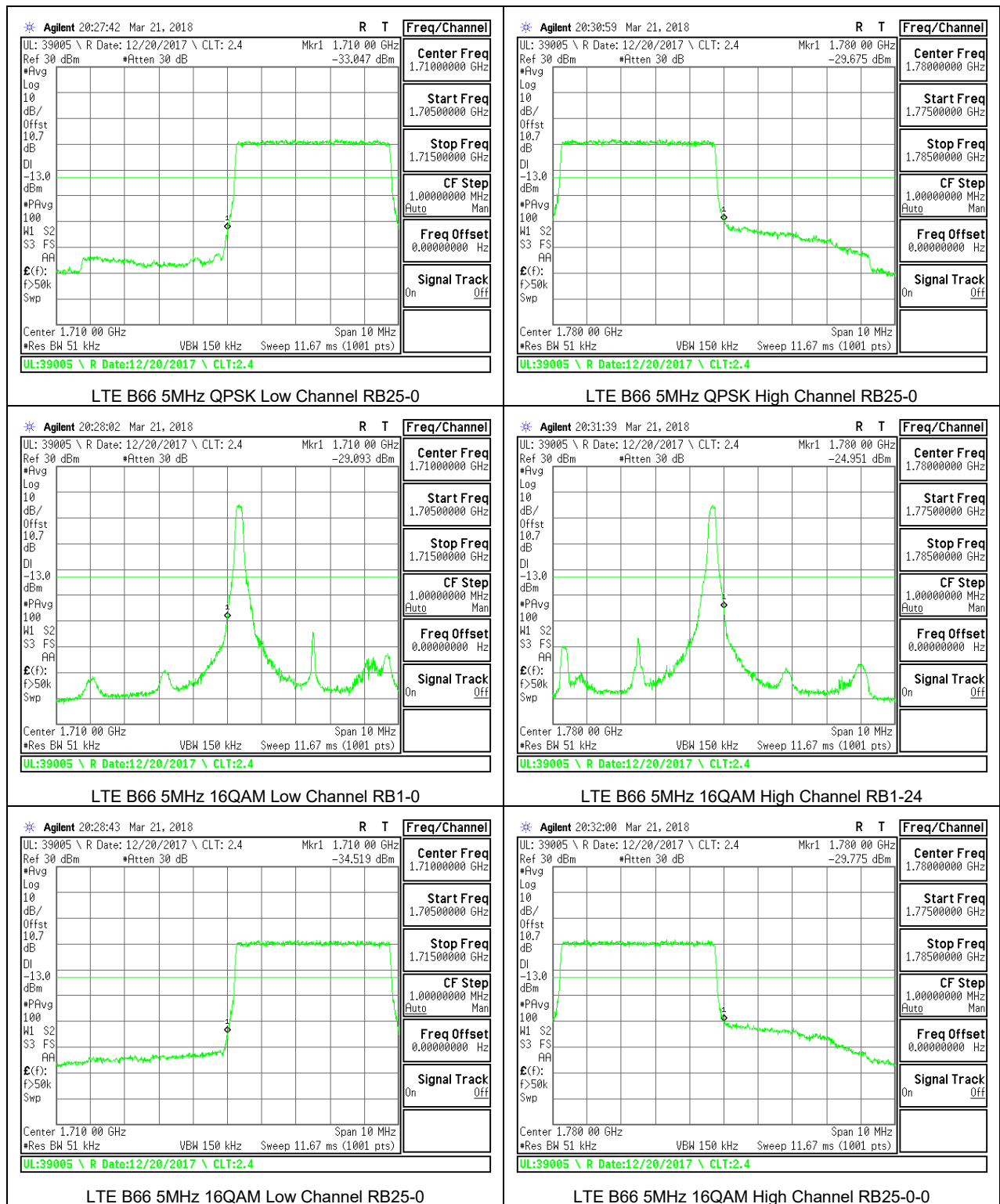


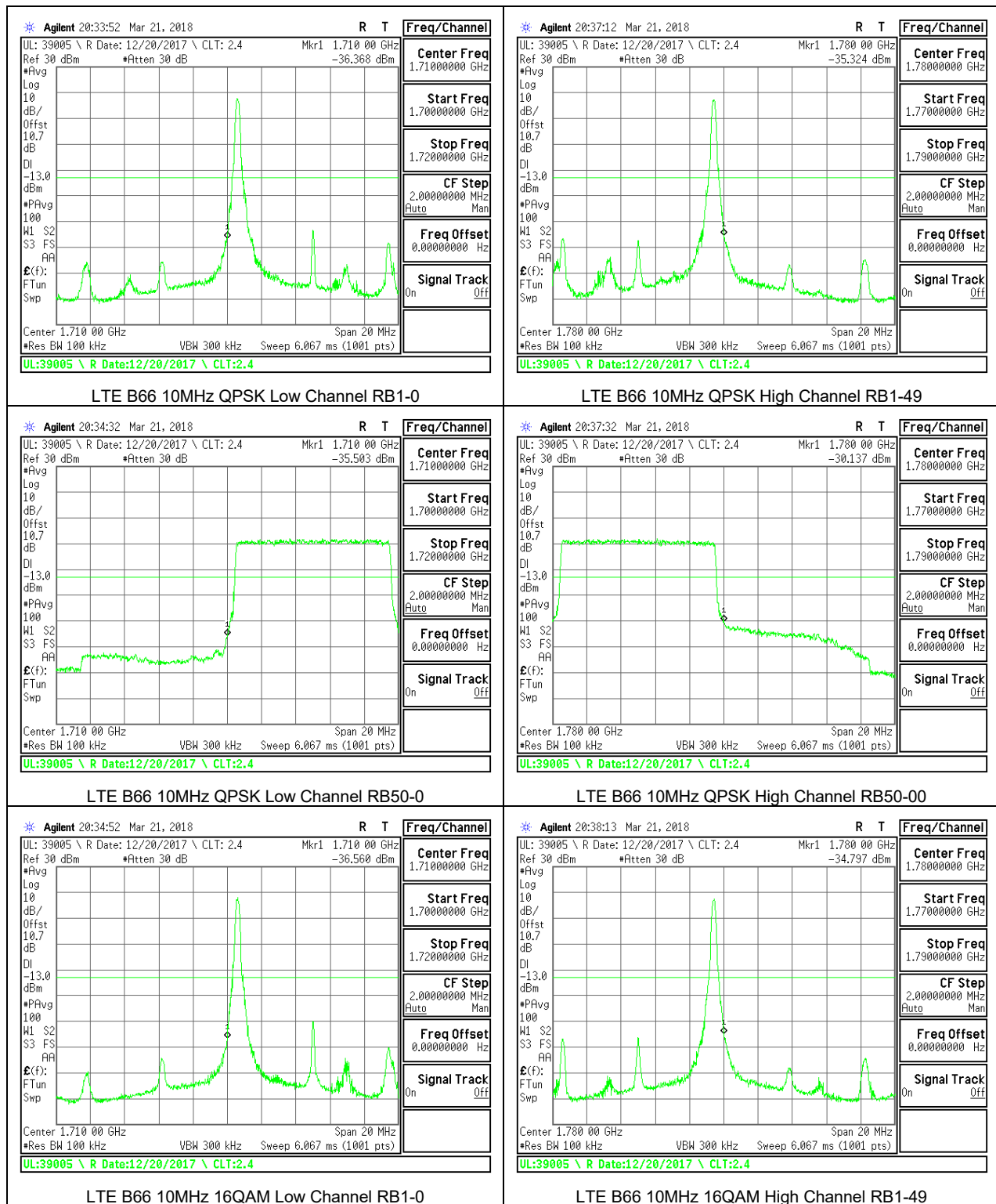
8.2.16. LTE BAND 66 BANDEDGE

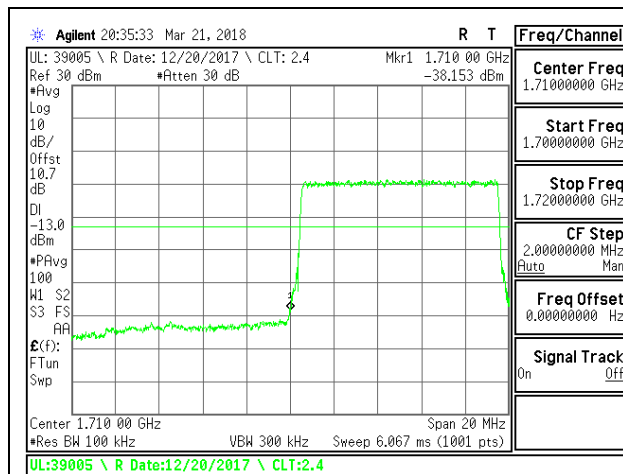




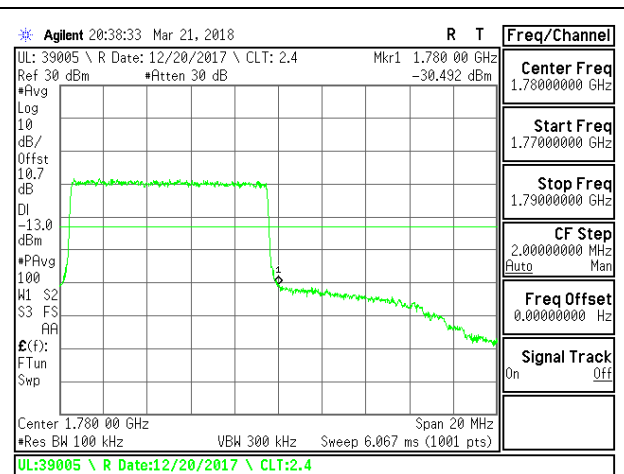




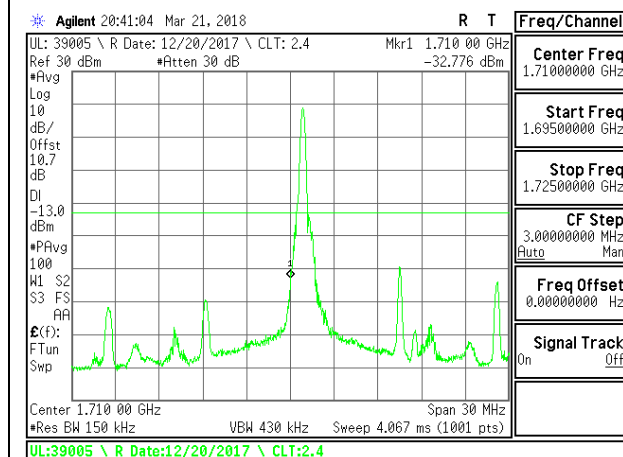




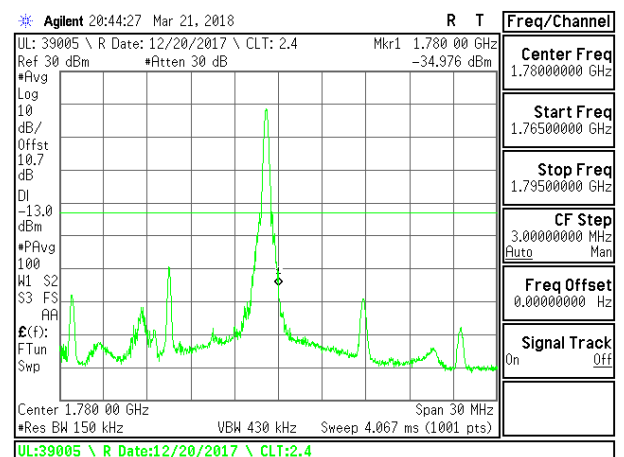
LTE B66 10MHz 16QAM Low Channel RB50-0



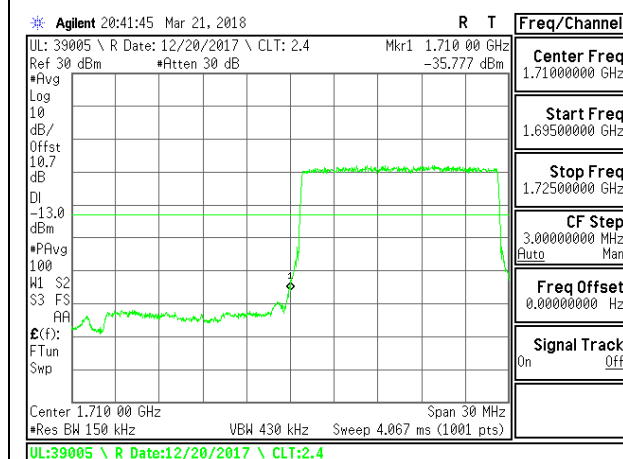
LTE B66 10MHz 16QAM High Channel RB50-0



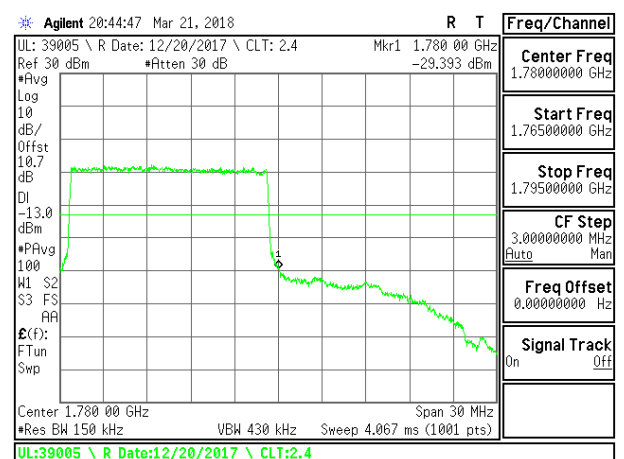
LTE B66 15MHz QPSK Low Channel RB1-0



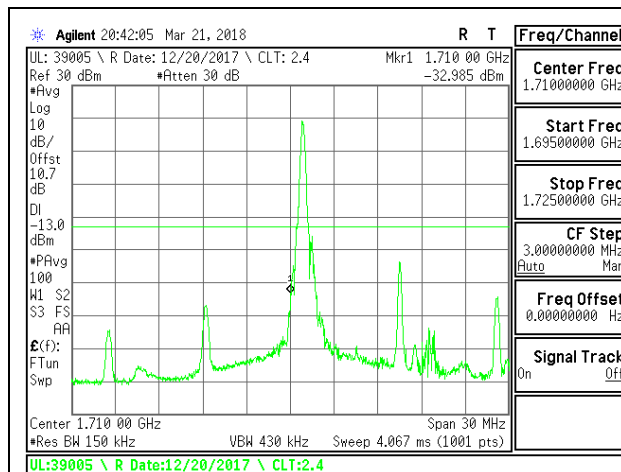
LTE B66 15MHz QPSK High Channel RB1-74



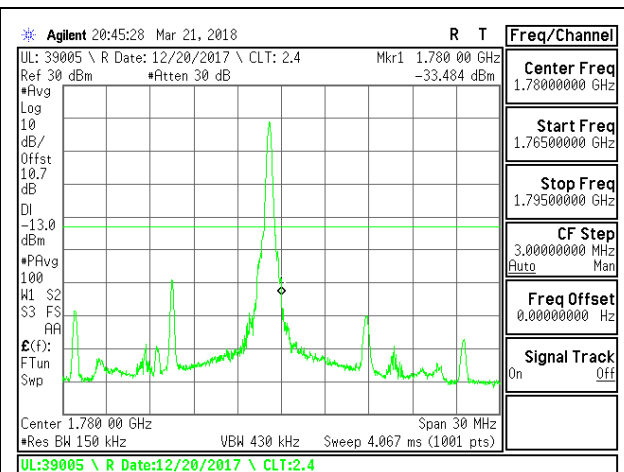
LTE B66 15MHz QPSK Low Channel RB75-0



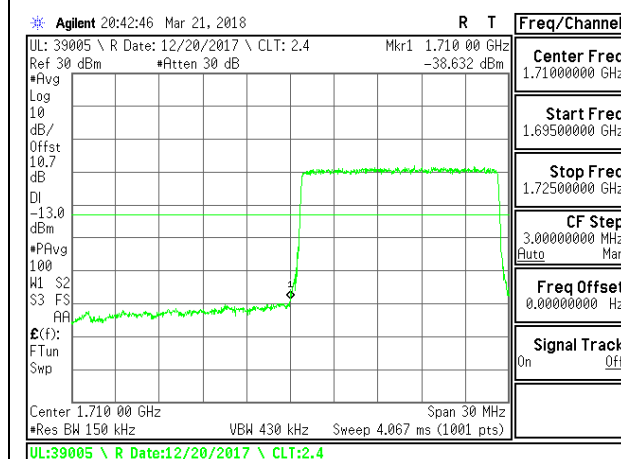
LTE B66 15MHz QPSK High Channel RB75-0



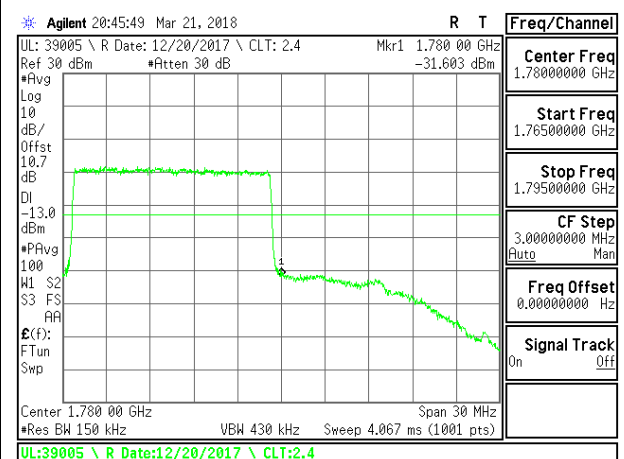
LTE B66 15MHz 16QAM Low Channel RB1-0



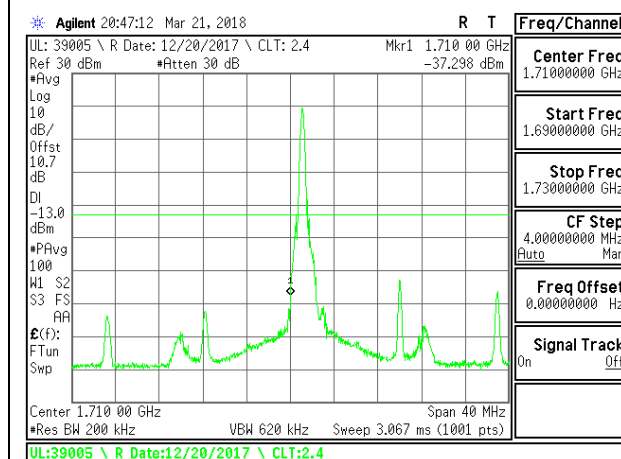
LTE B66 15MHz 16QAM High Channel RB1-74



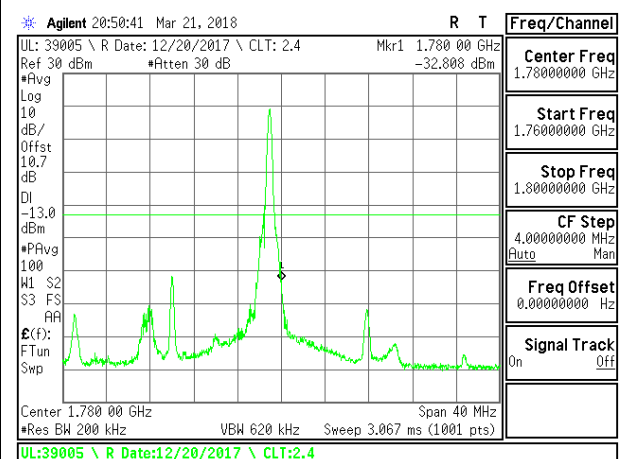
LTE B66 15MHz 16QAM Low Channel RB75-0



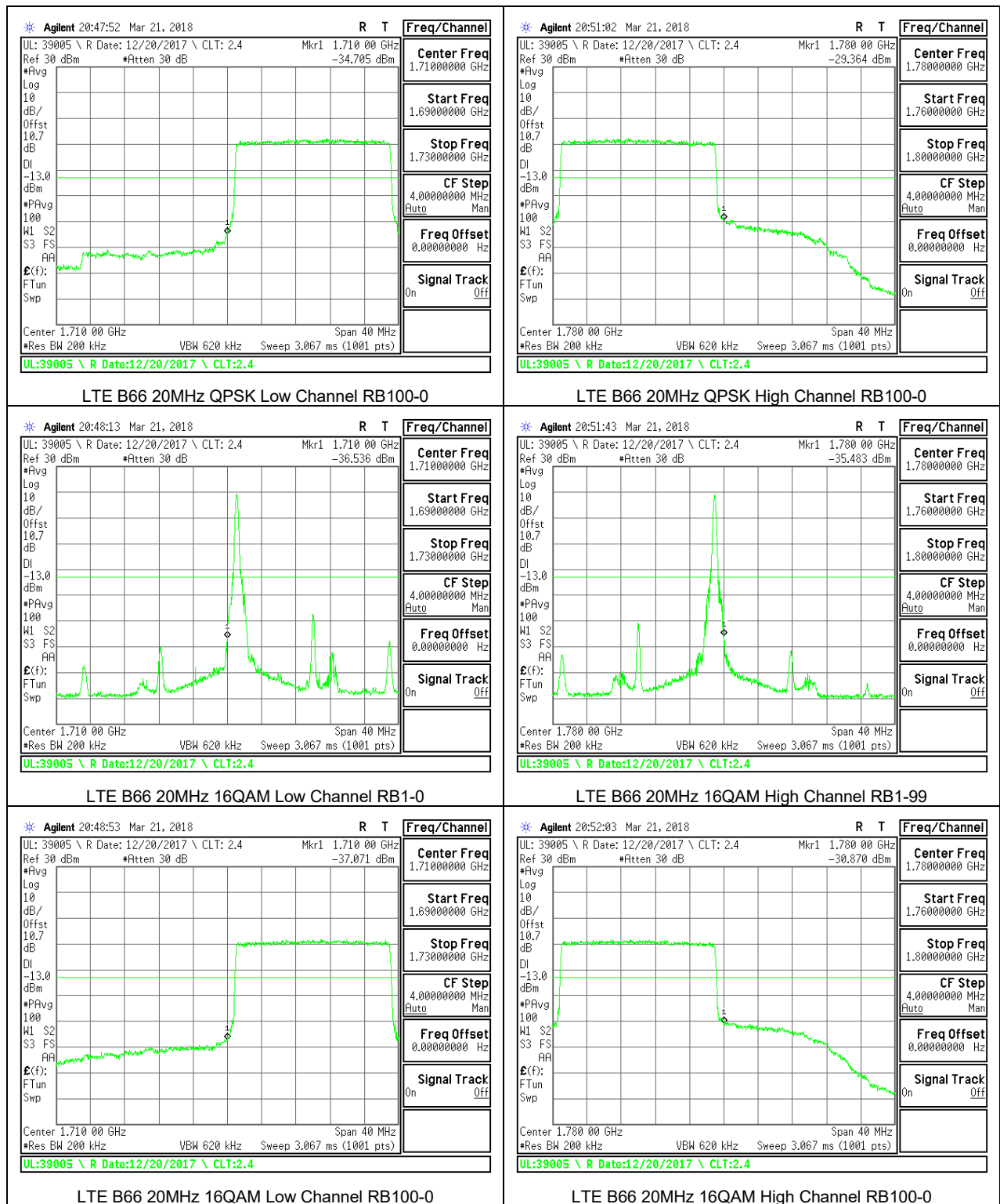
LTE B66 15MHz 16QAM High Channel RB75-0-0



LTE B66 20MHz QPSK Low Channel RB1-0



LTE B66 20MHz QPSK High Channel RB1-99



8.3. OUT OF BAND EMISSIONS

RULE PART(S)

FCC: §2.1051, §22.901, §22.917, §24.238, §27.53, §90.691

LIMITS

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

The minimum permissible attenuation level of any spurious emissions is $43 + 10 \log (P)$ 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

- GSM 850
- GSM 1900
- WCDM Band 2
- WCDM Band 4
- WCDM Band 5
- LTE Band 2
- LTE Band 5
- LTE Band 7
- LTE Band 12
- LTE Band 13
- LTE Band 26
- LTE Band 41
- LTE Band 66

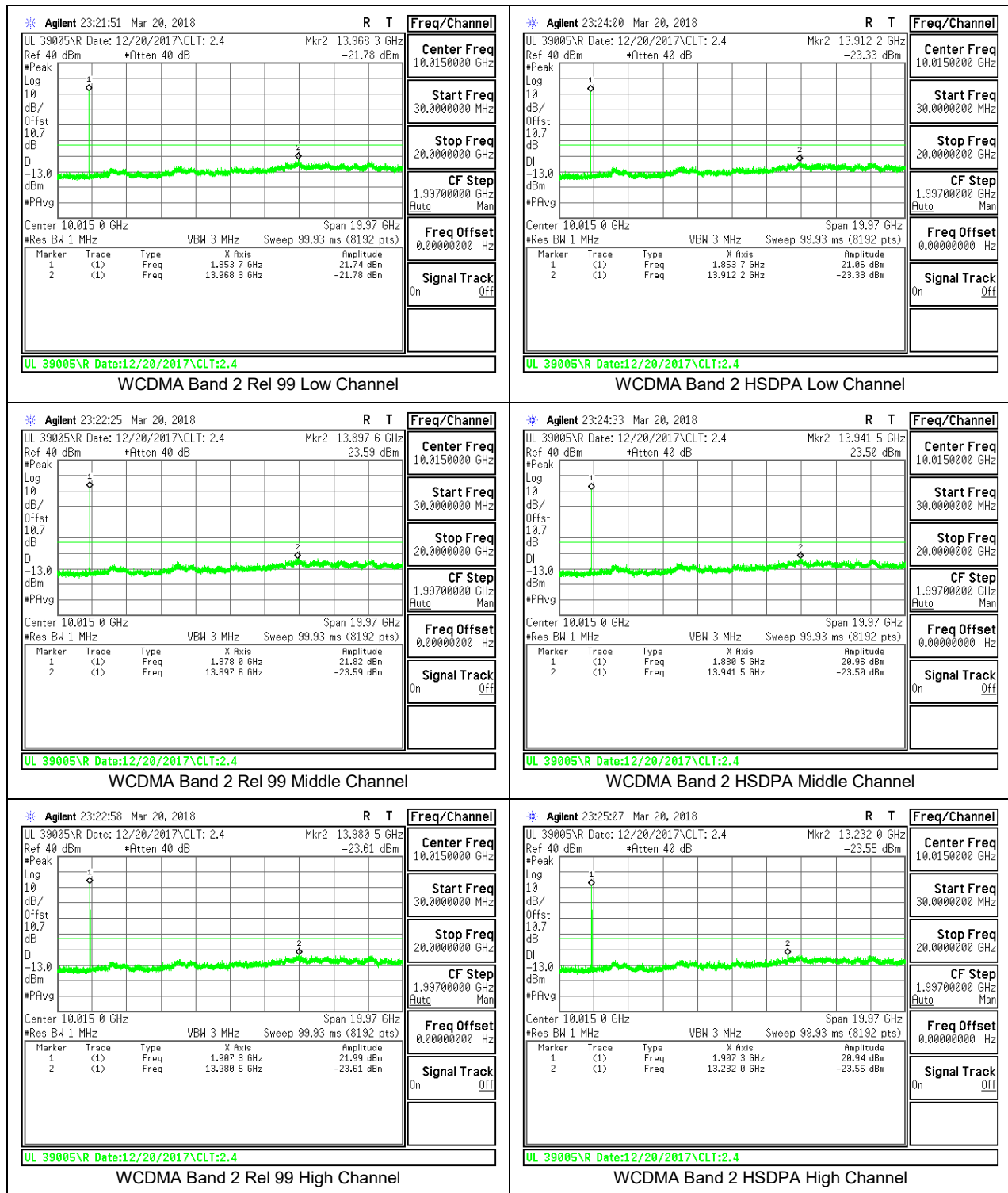
8.3.1. GSM 850MHz



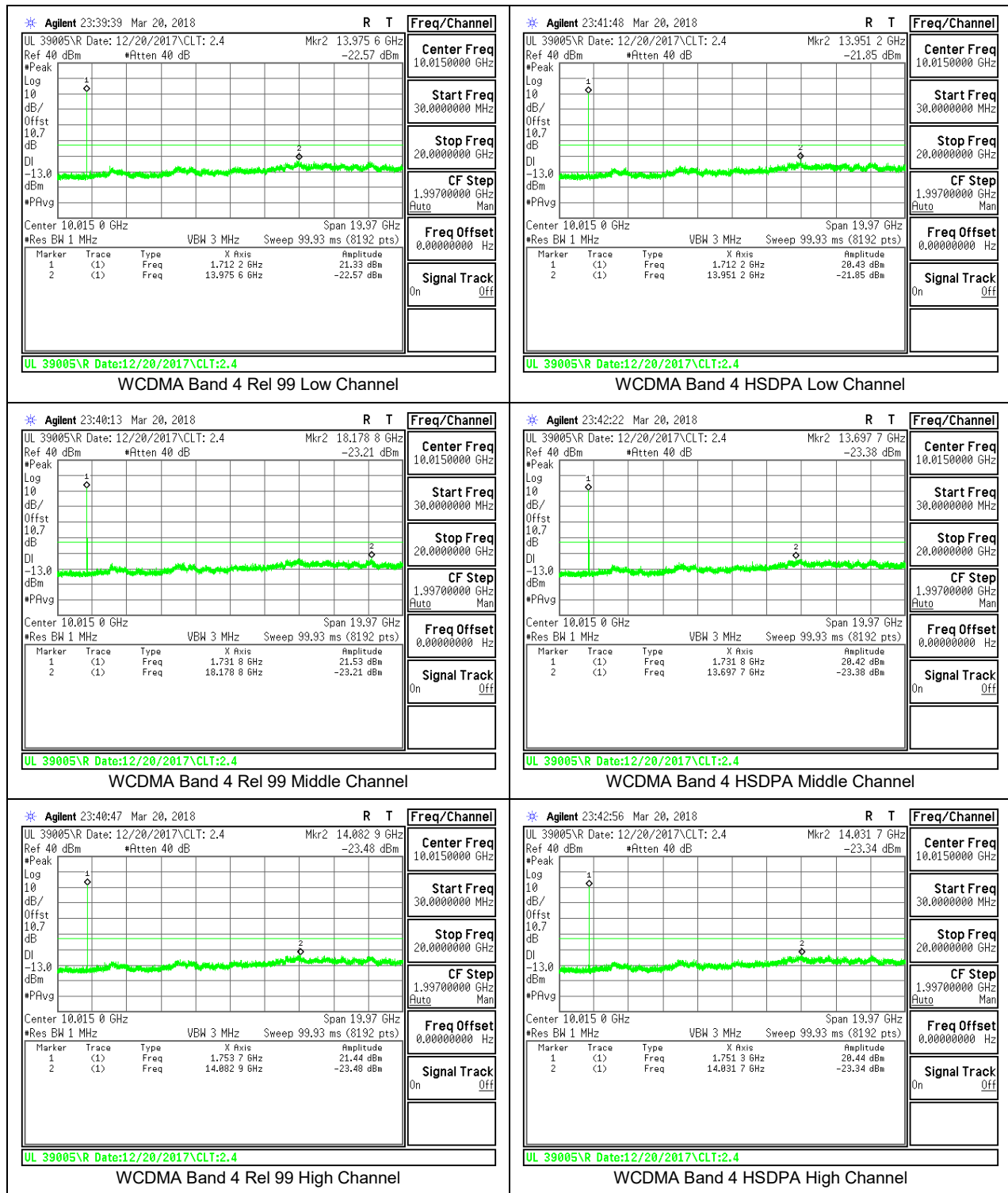
8.3.2. GSM 1900MHz



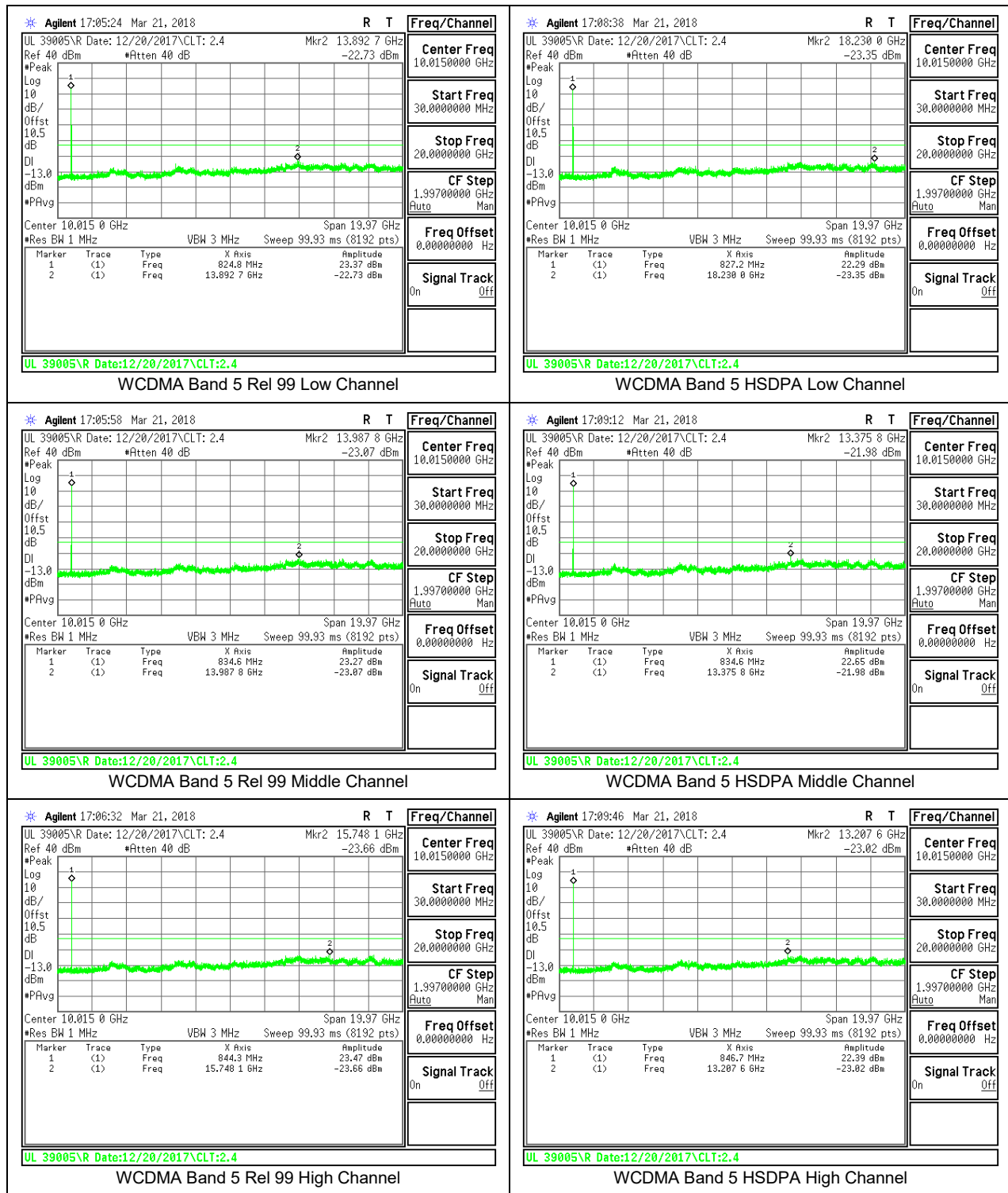
8.3.3. WCDMA BAND 2



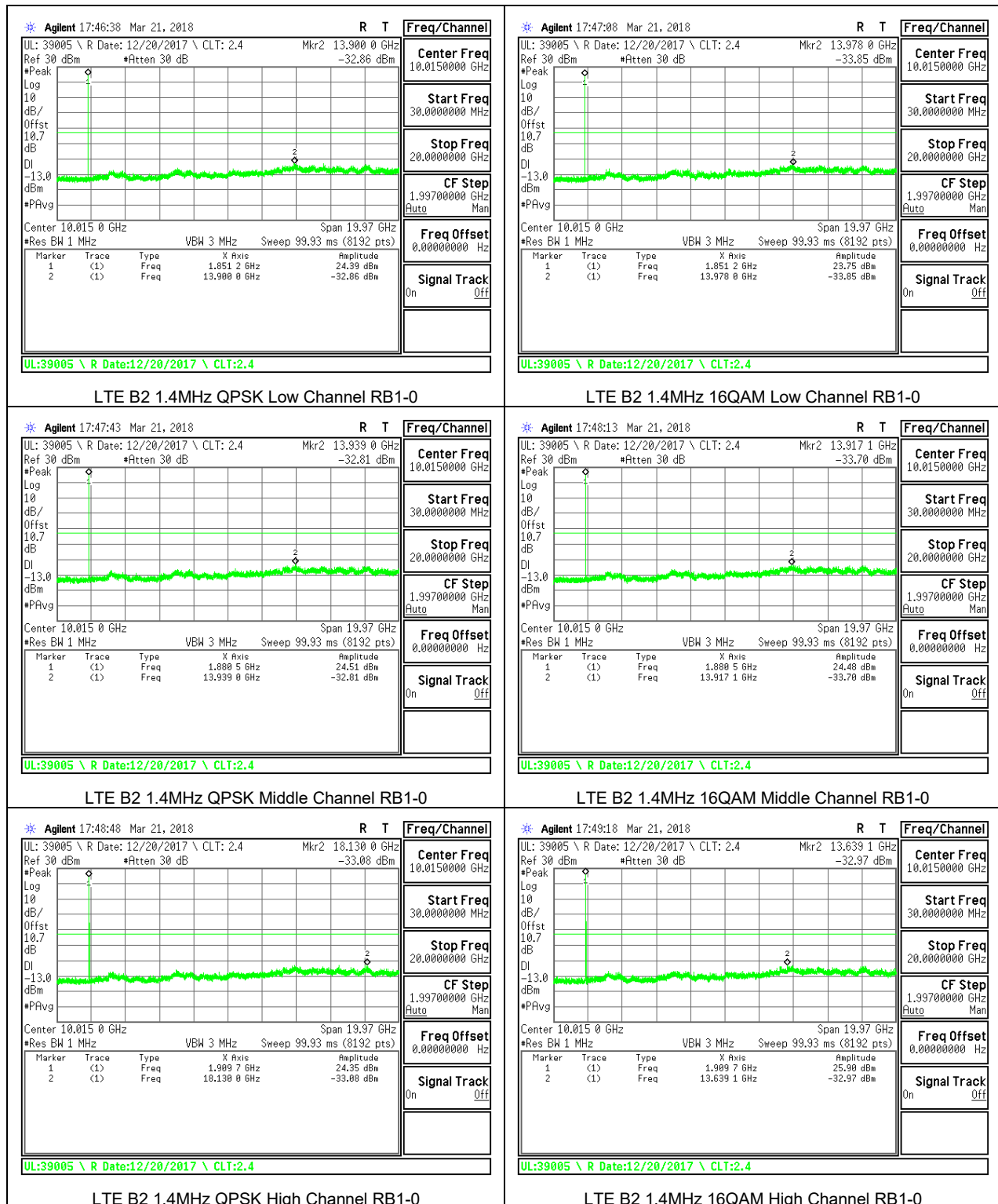
8.3.4. WCDMA BAND 4

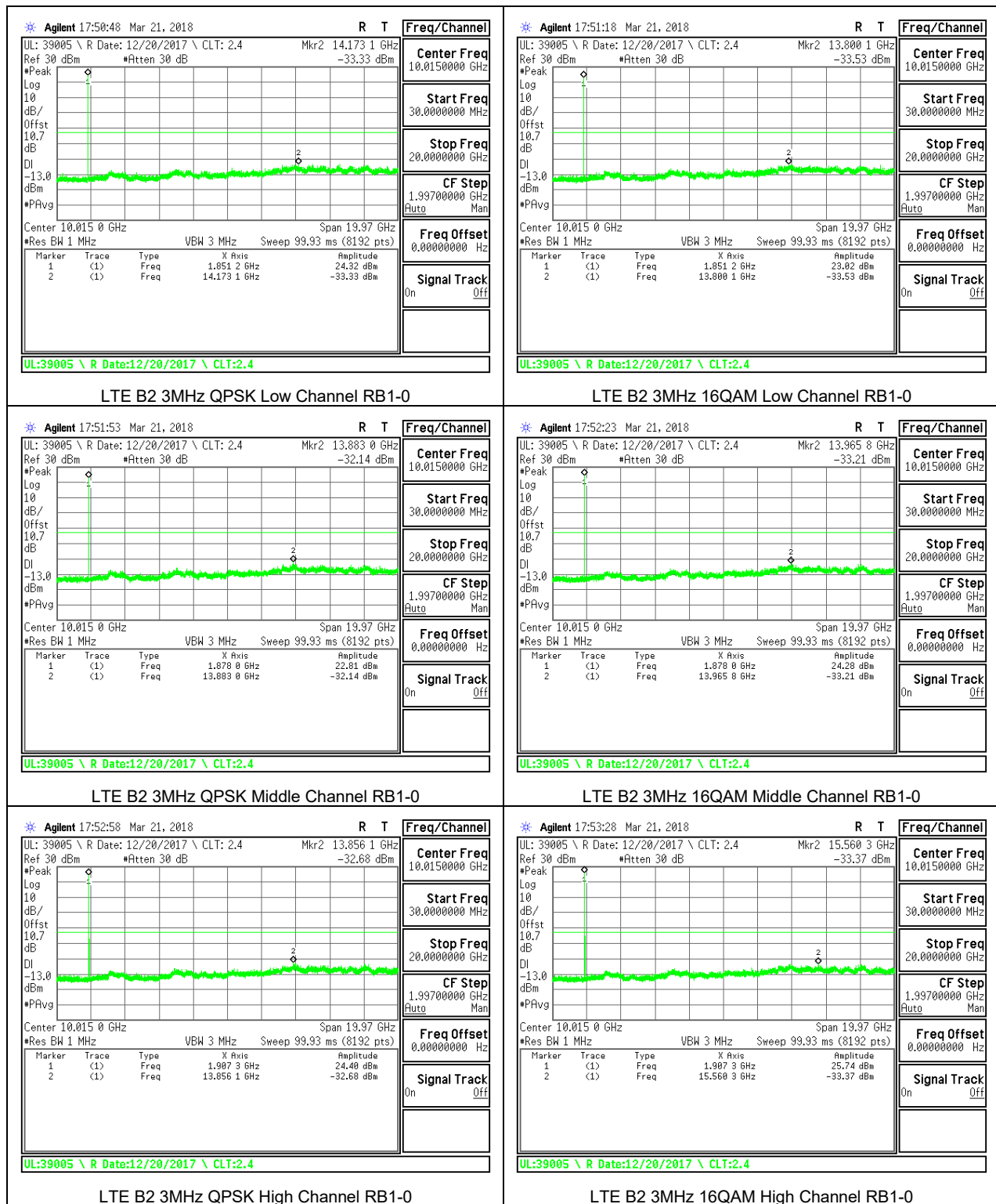


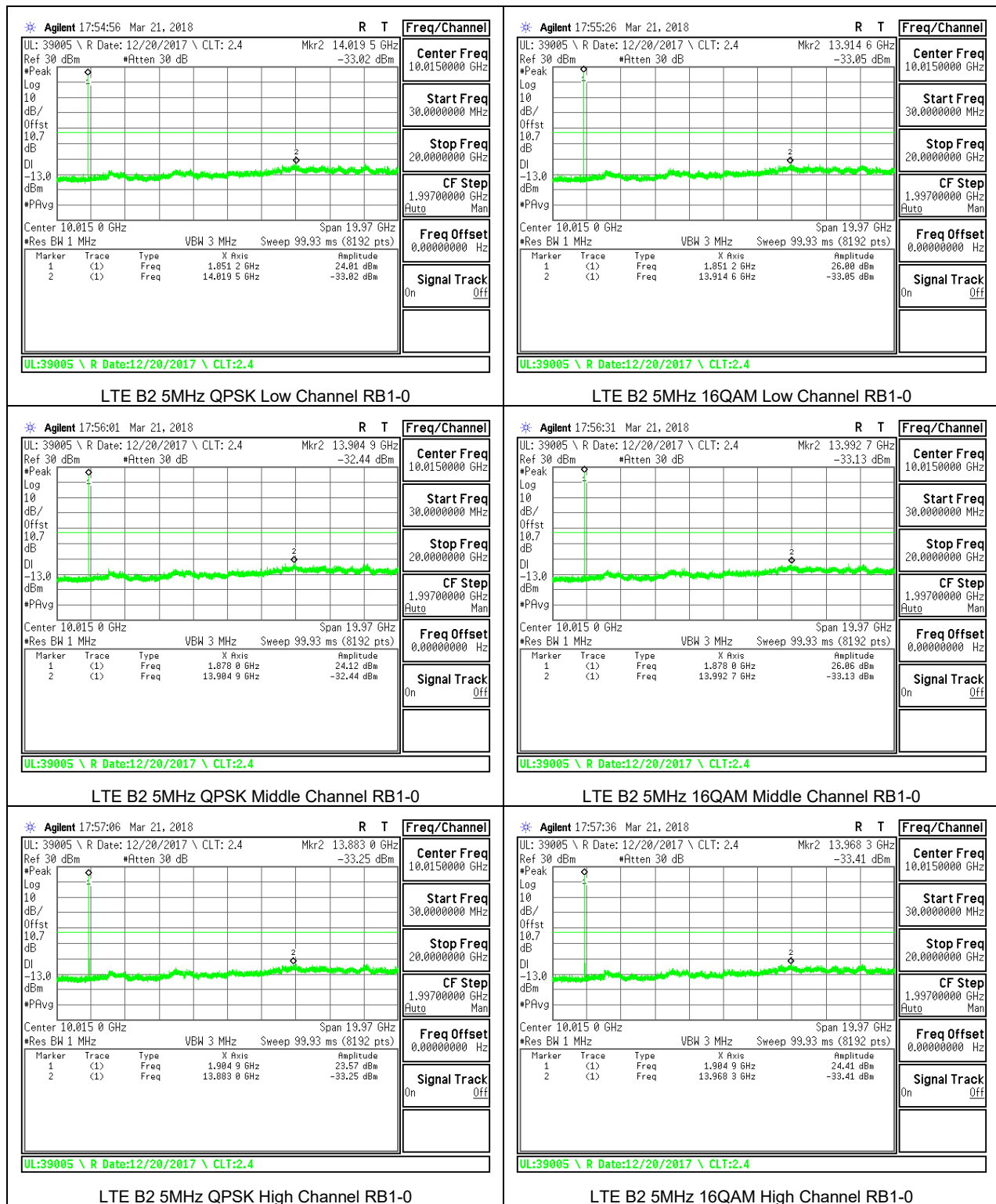
8.3.5. WCDMA BAND 5

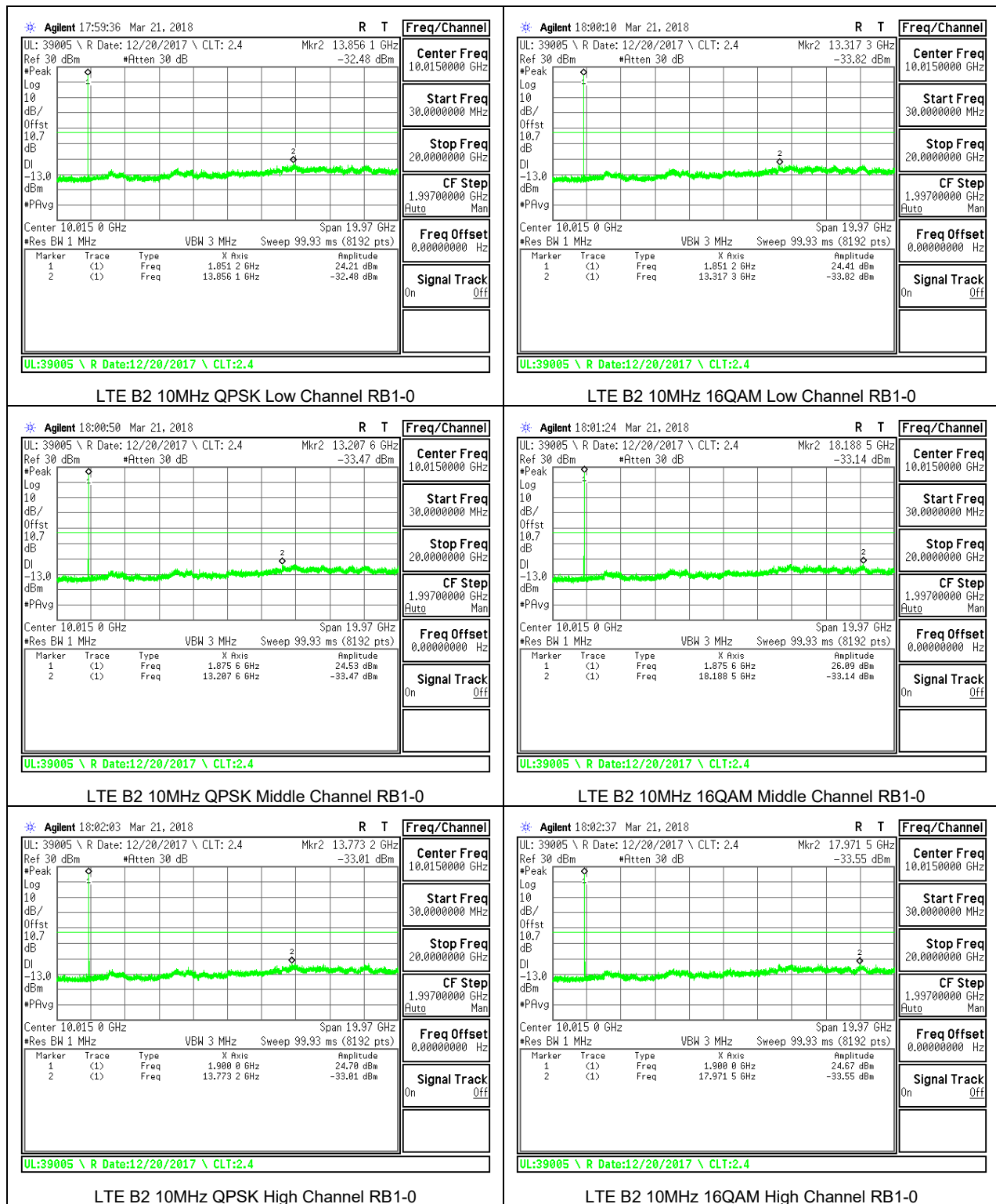


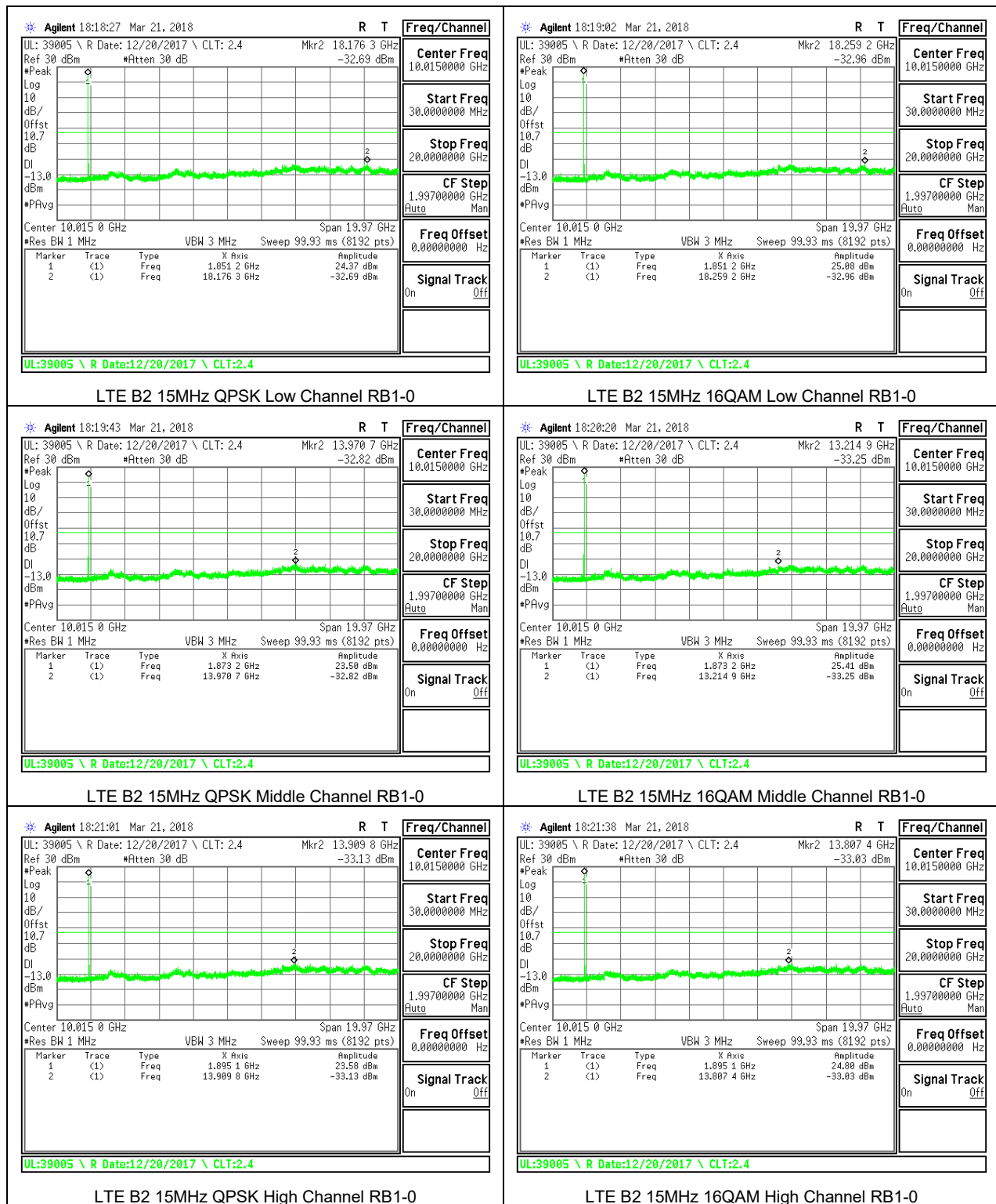
8.3.6. LTE BAND 2

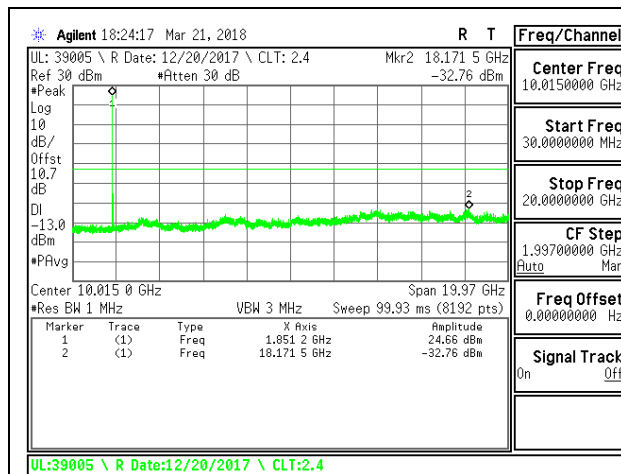




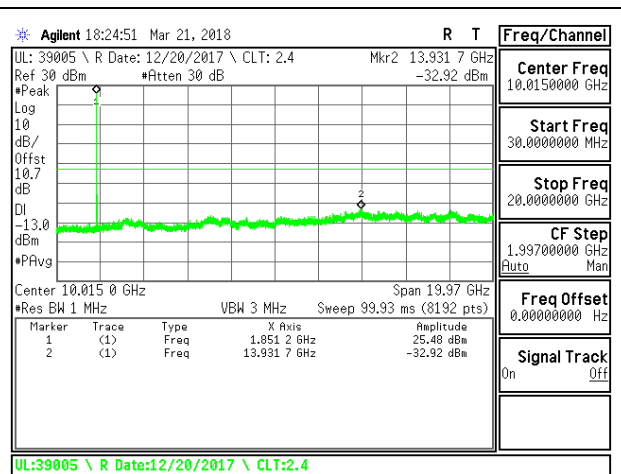




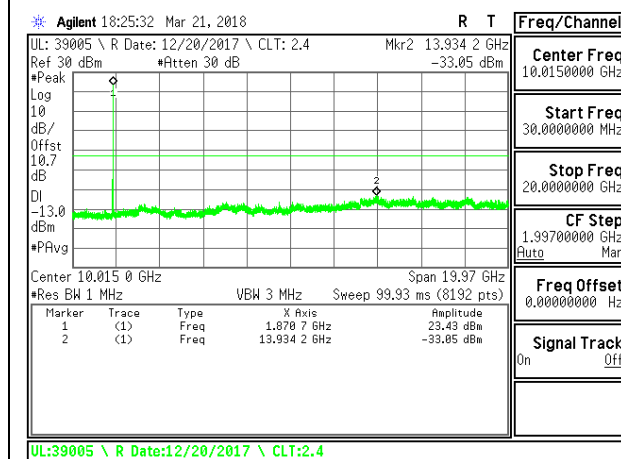




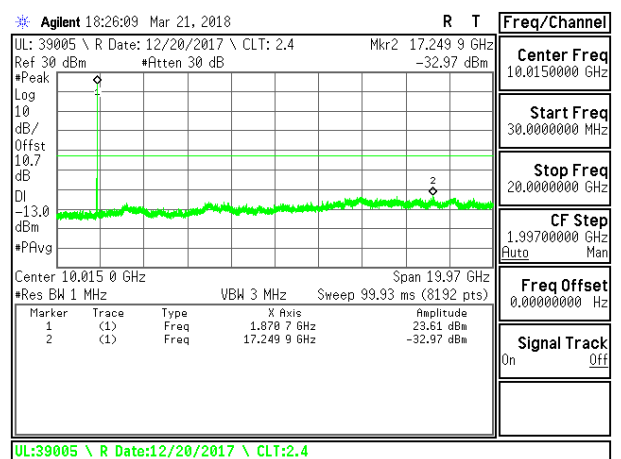
LTE B2 20MHz QPSK Low Channel RB1-0



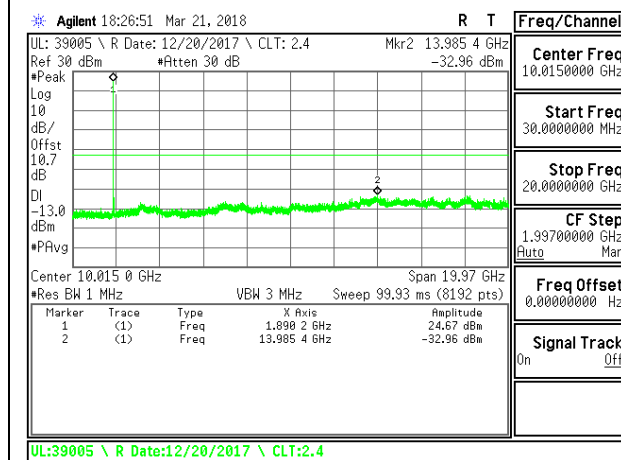
LTE B2 20MHz 16QAM Low Channel RB1-0



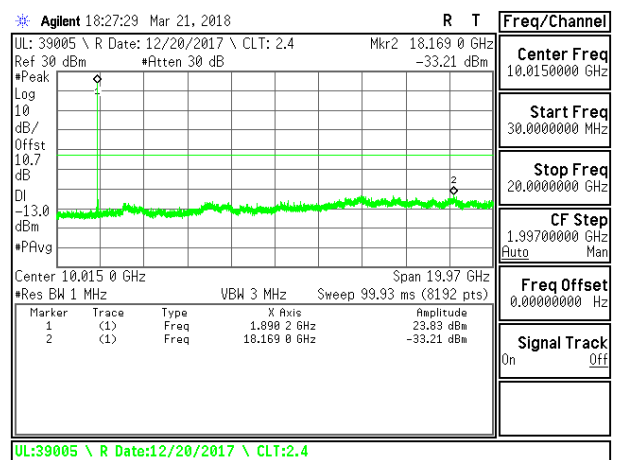
LTE B2 20MHz QPSK Middle Channel RB1-0



LTE B2 20MHz 16QAM Middle Channel RB1-0

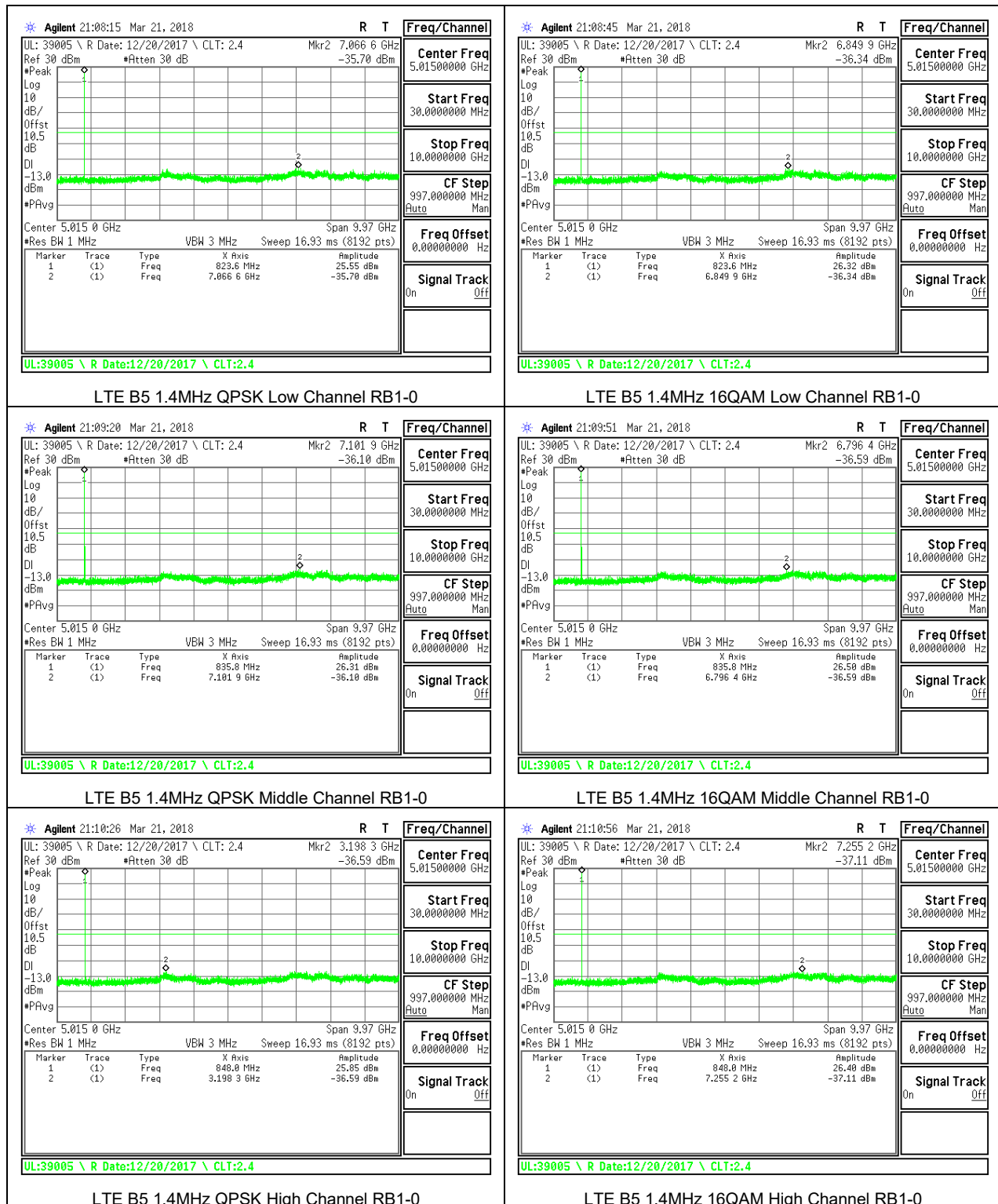


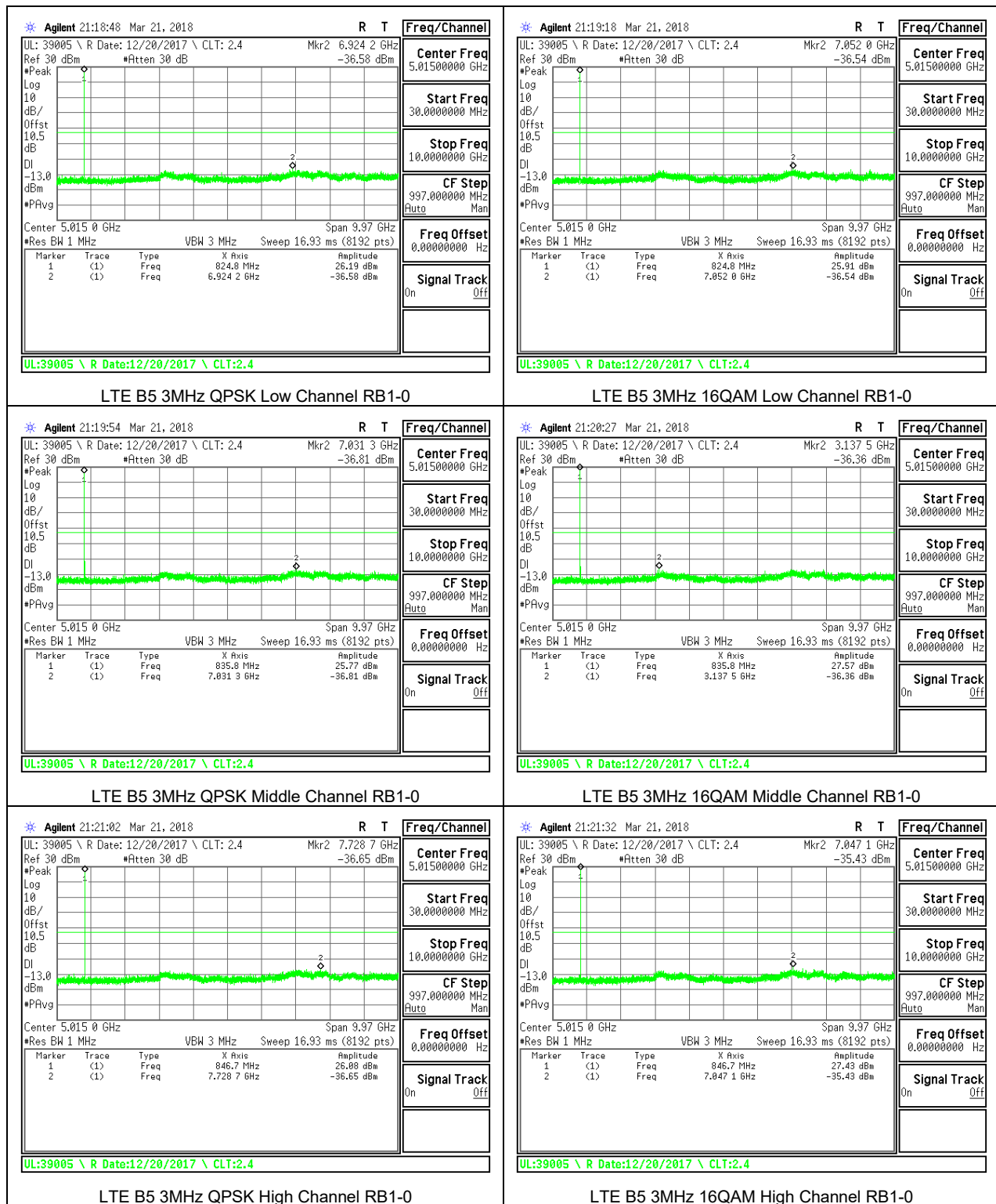
LTE B2 20MHz QPSK High Channel RB1-0

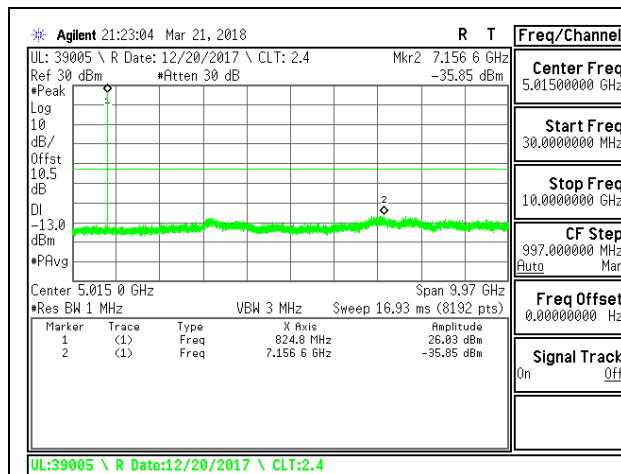


LTE B2 20MHz 16QAM High Channel RB1-0

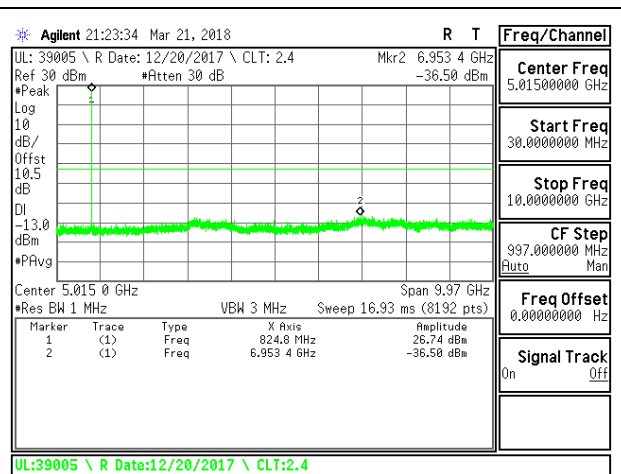
8.3.7. LTE BAND 5



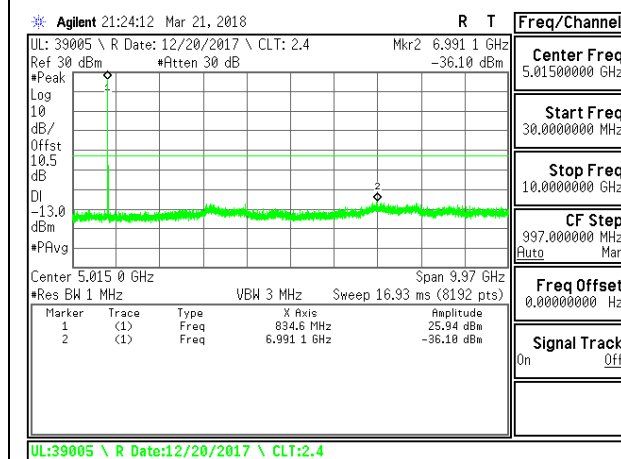




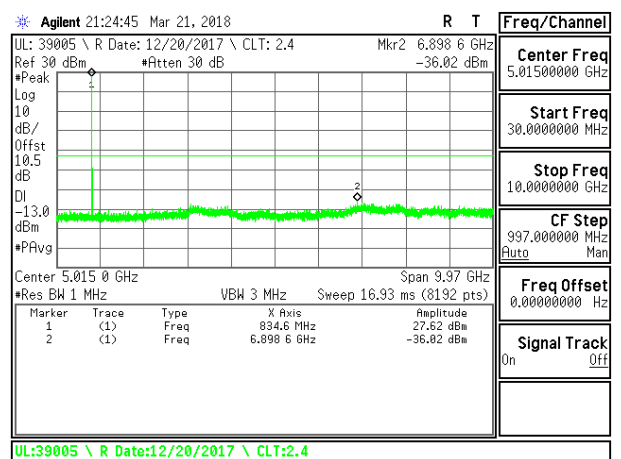
LTE B5 5MHz QPSK Low Channel RB1-0



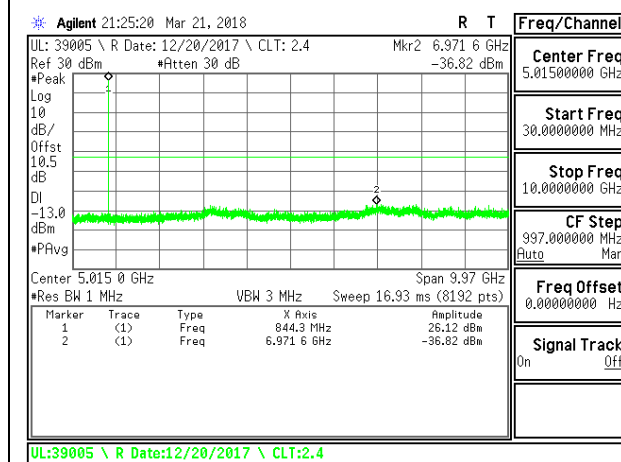
LTE B5 5MHz 16QAM Low Channel RB1-0



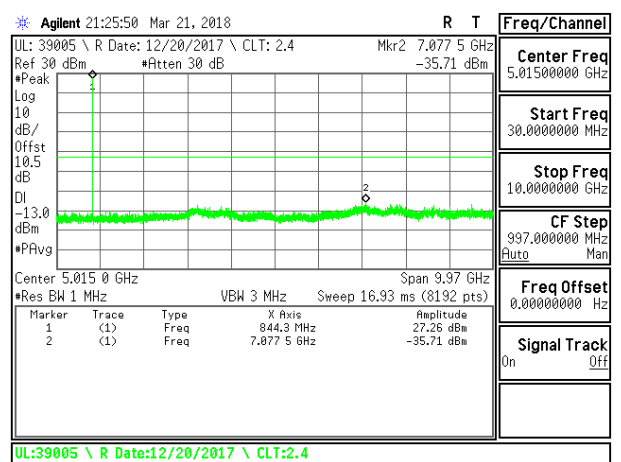
LTE B5 5MHz QPSK Middle Channel RB1-0



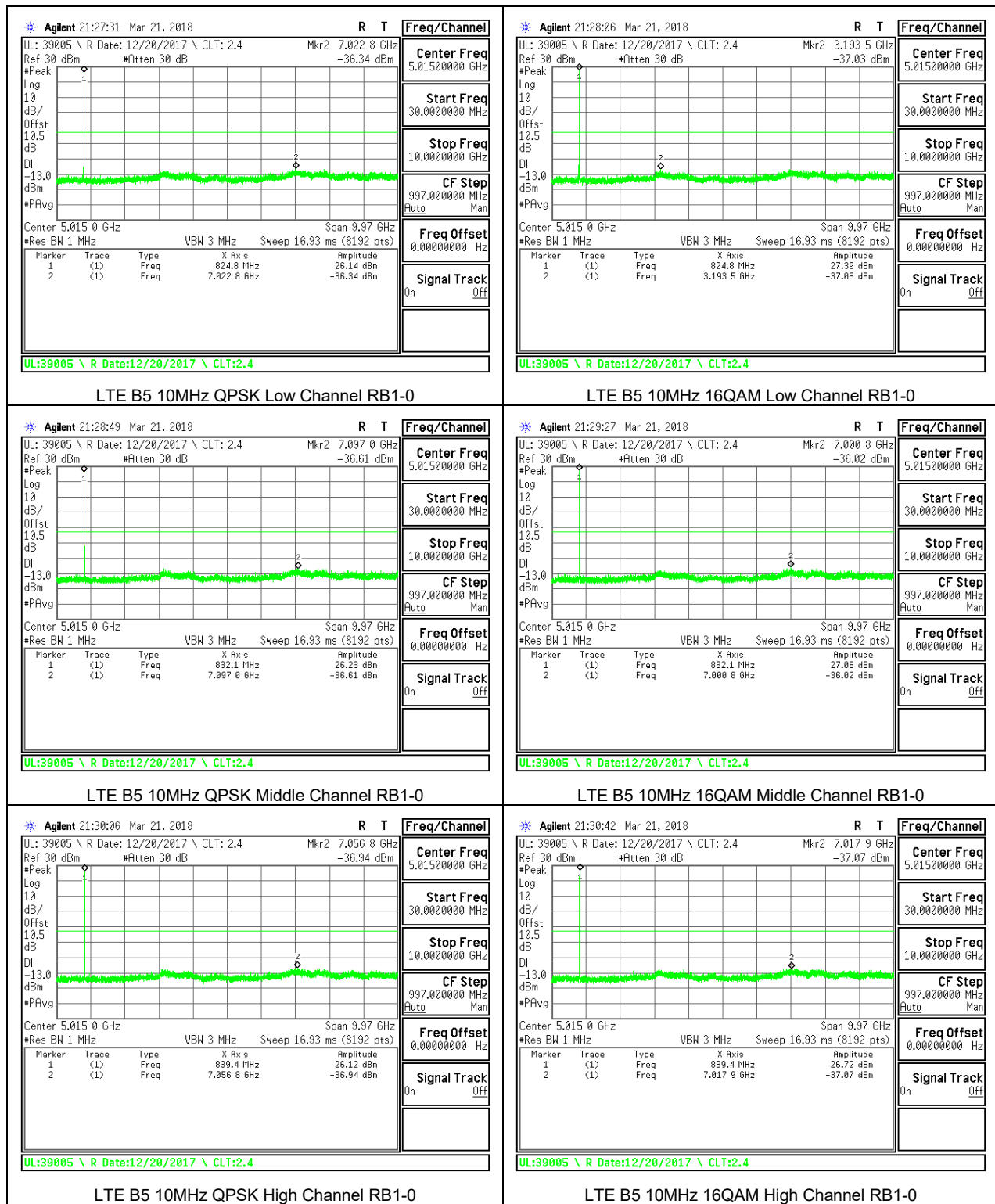
LTE B5 5MHz 16QAM Middle Channel RB1-0



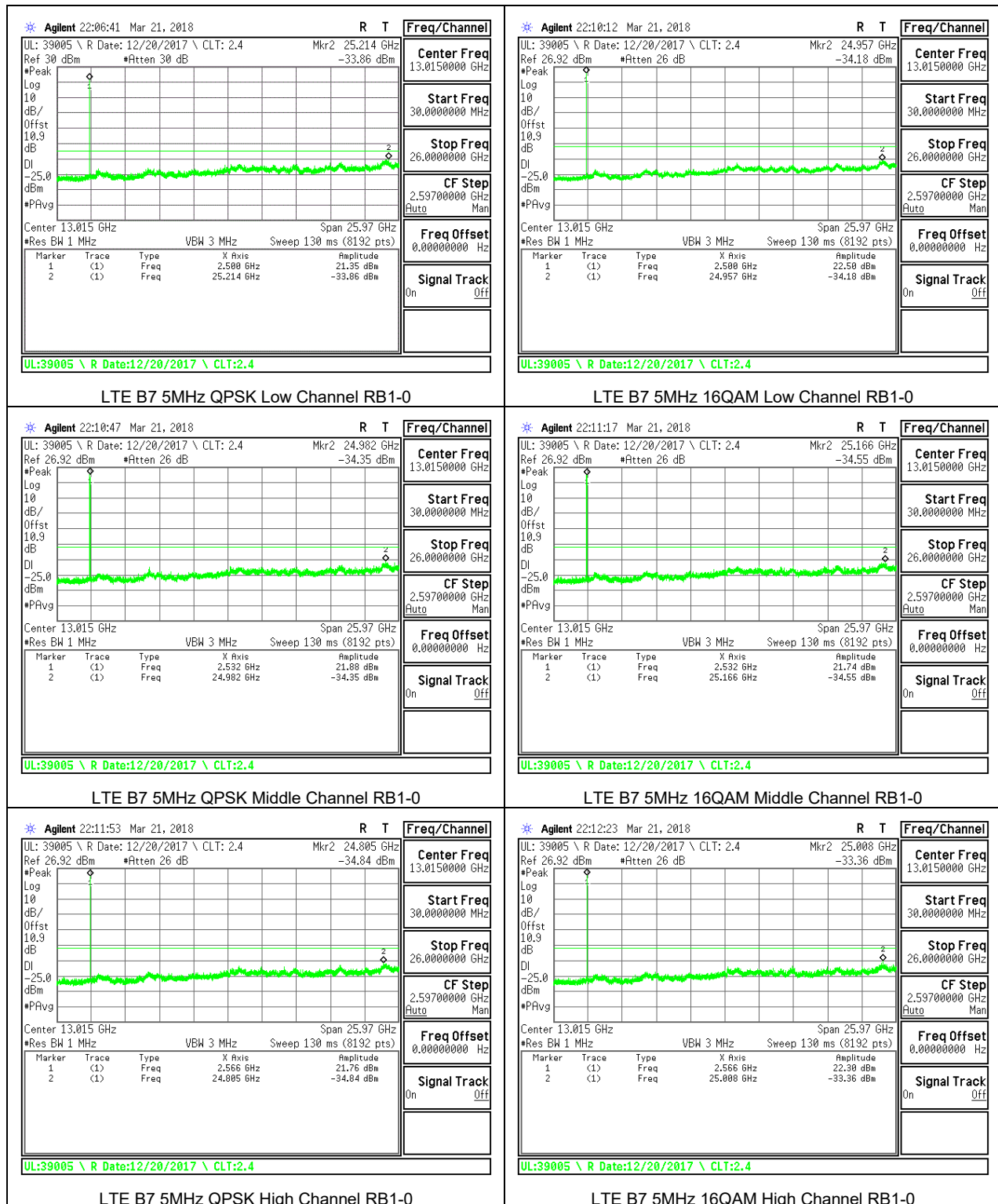
LTE B5 5MHz QPSK High Channel RB1-0

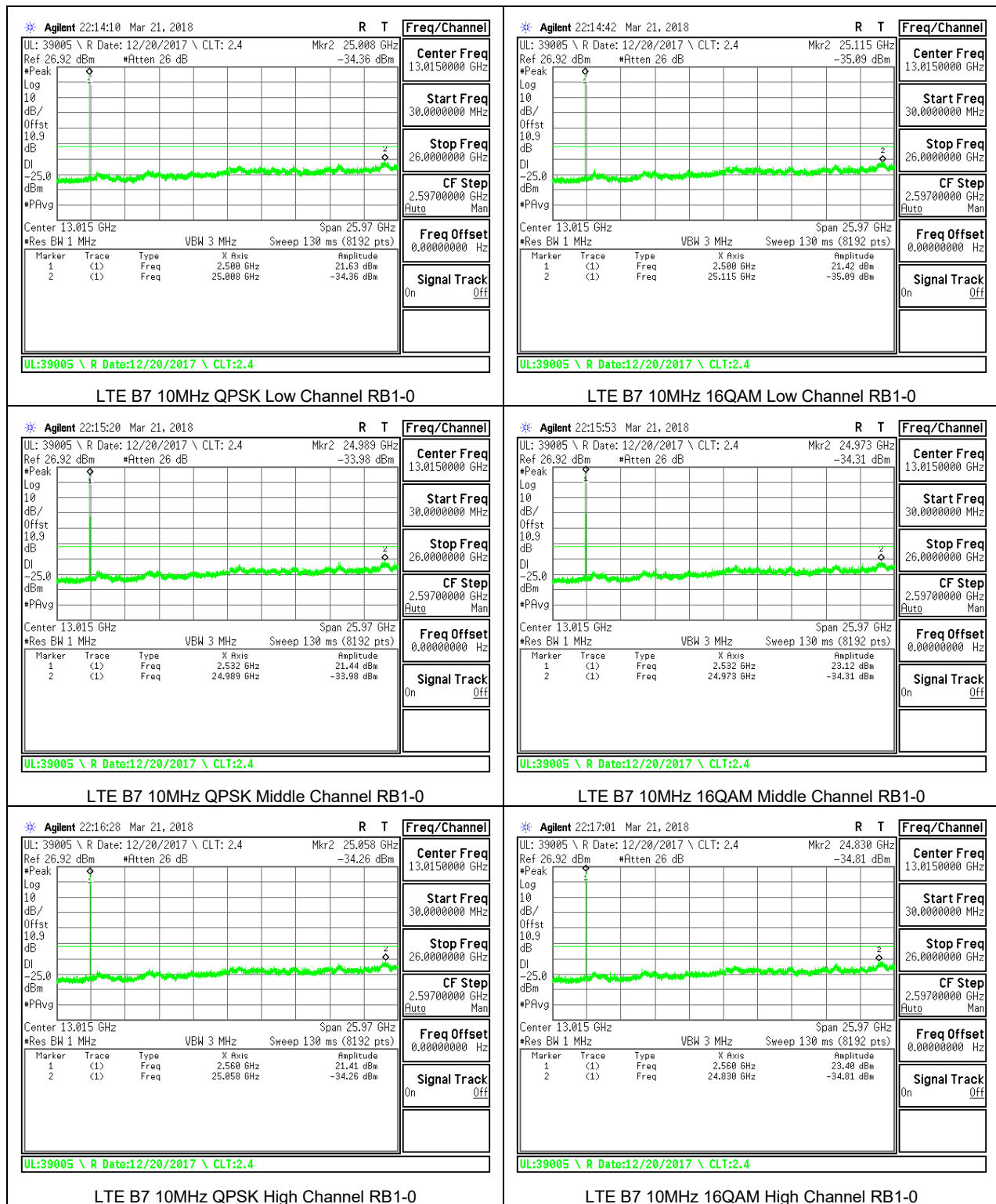


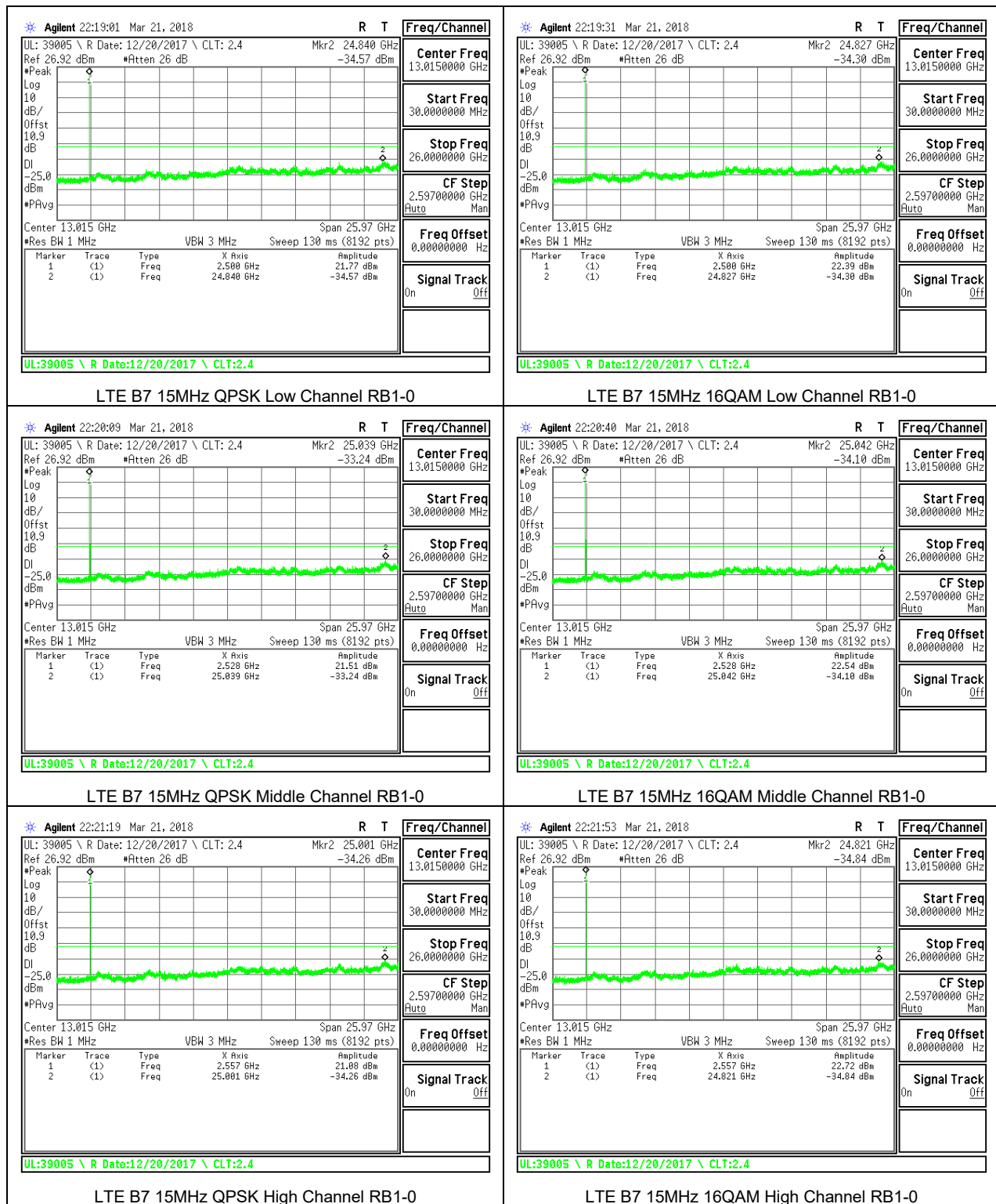
LTE B5 5MHz 16QAM High Channel RB1-0

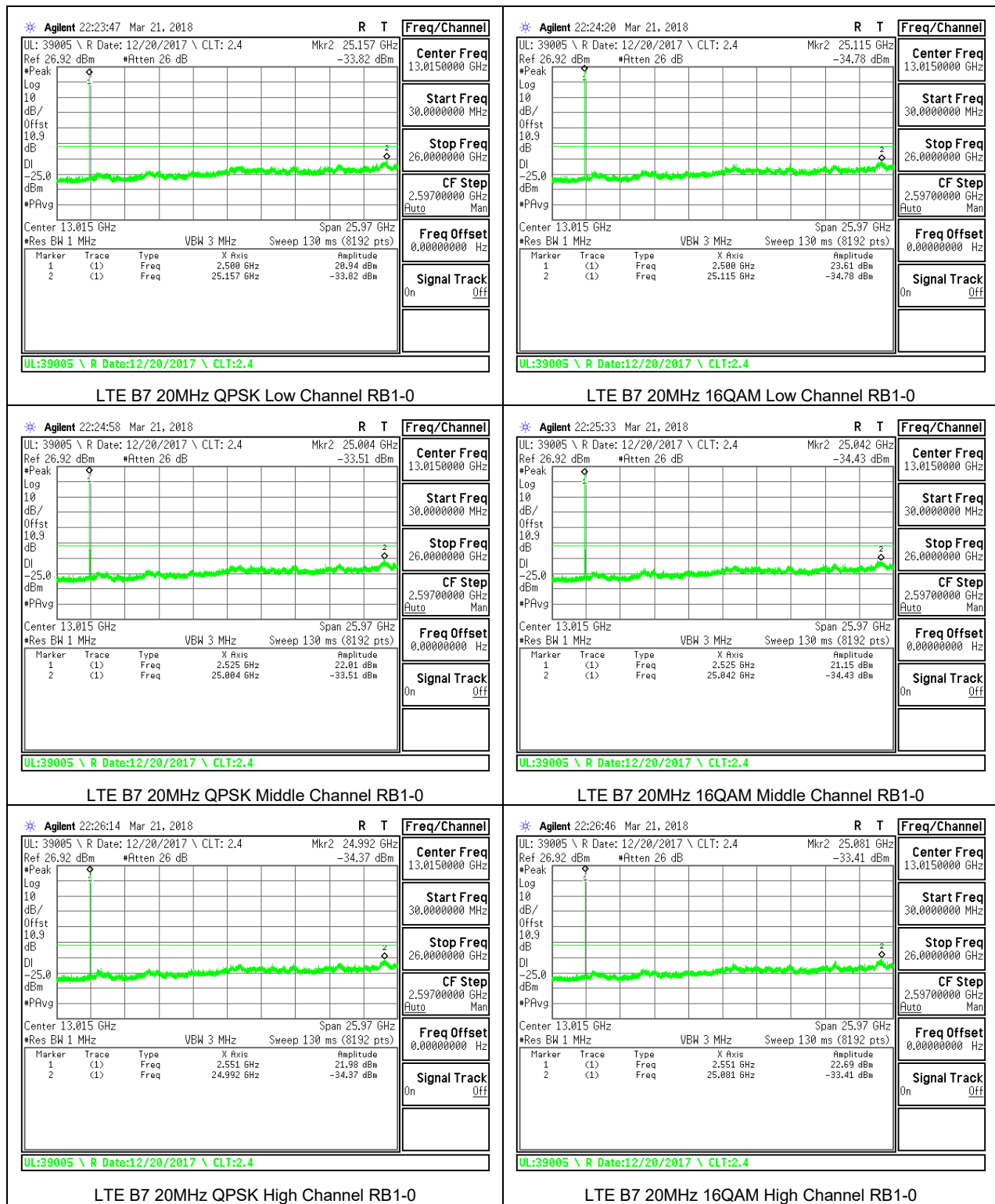


8.3.8. LTE BAND 7

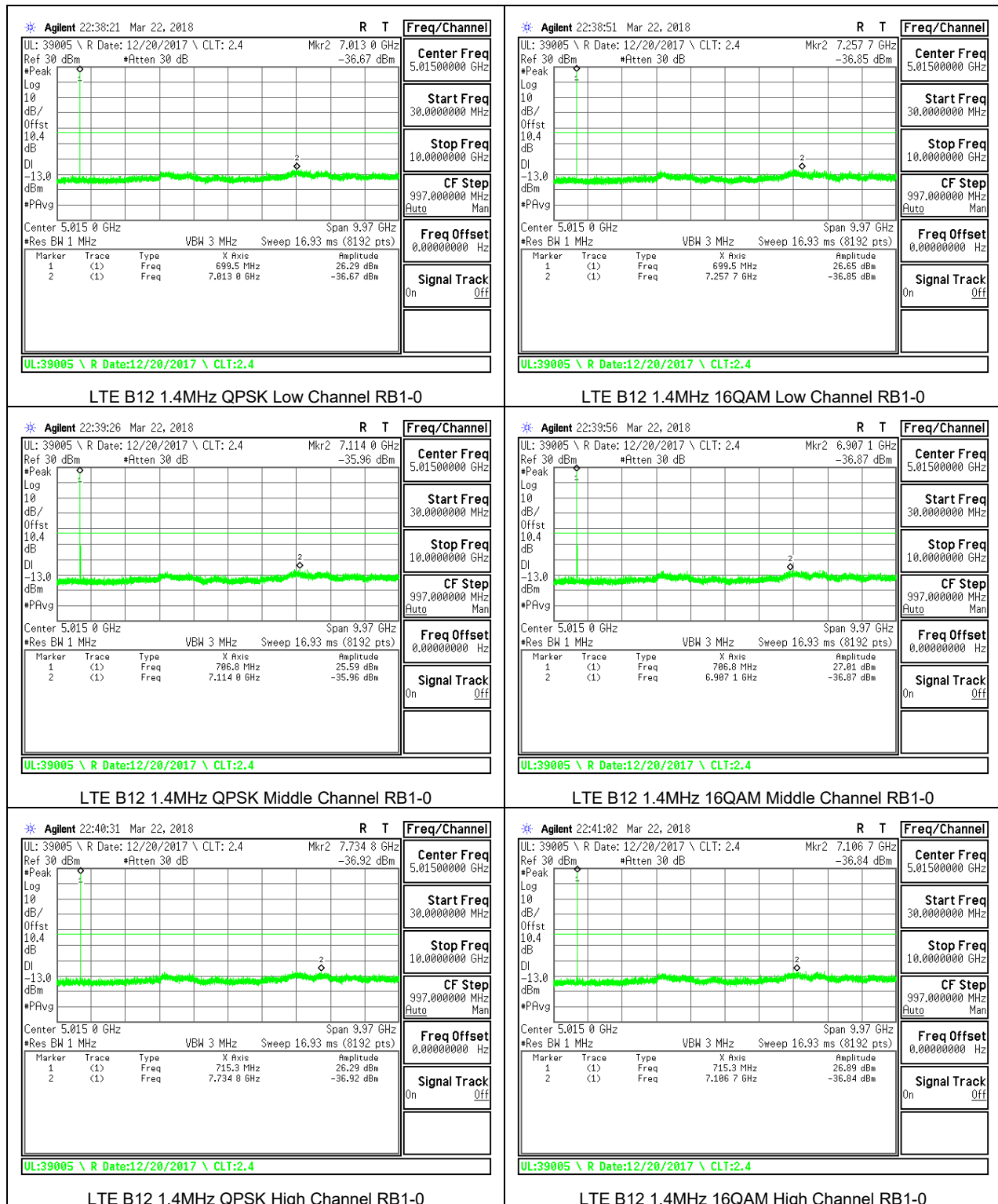


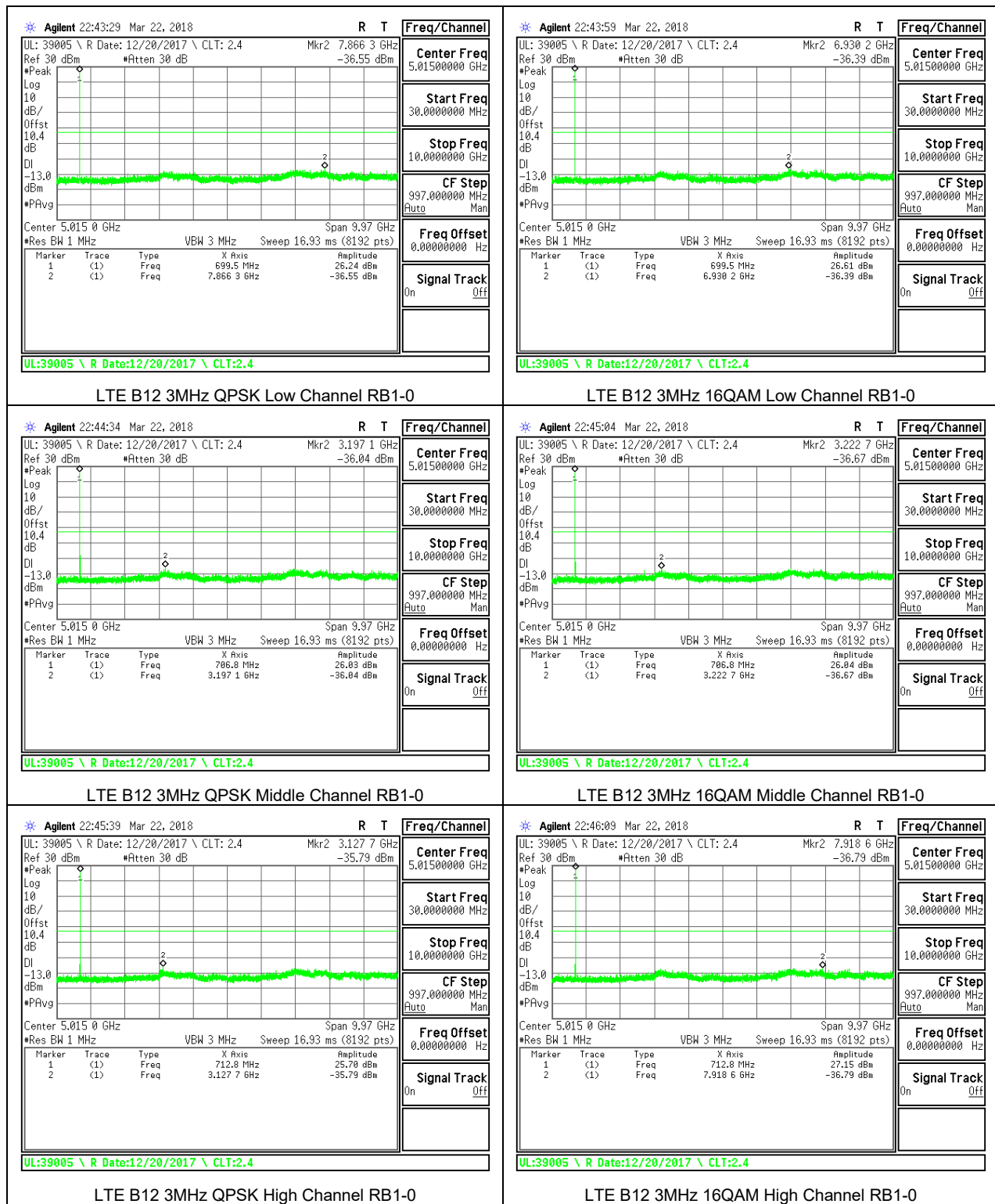


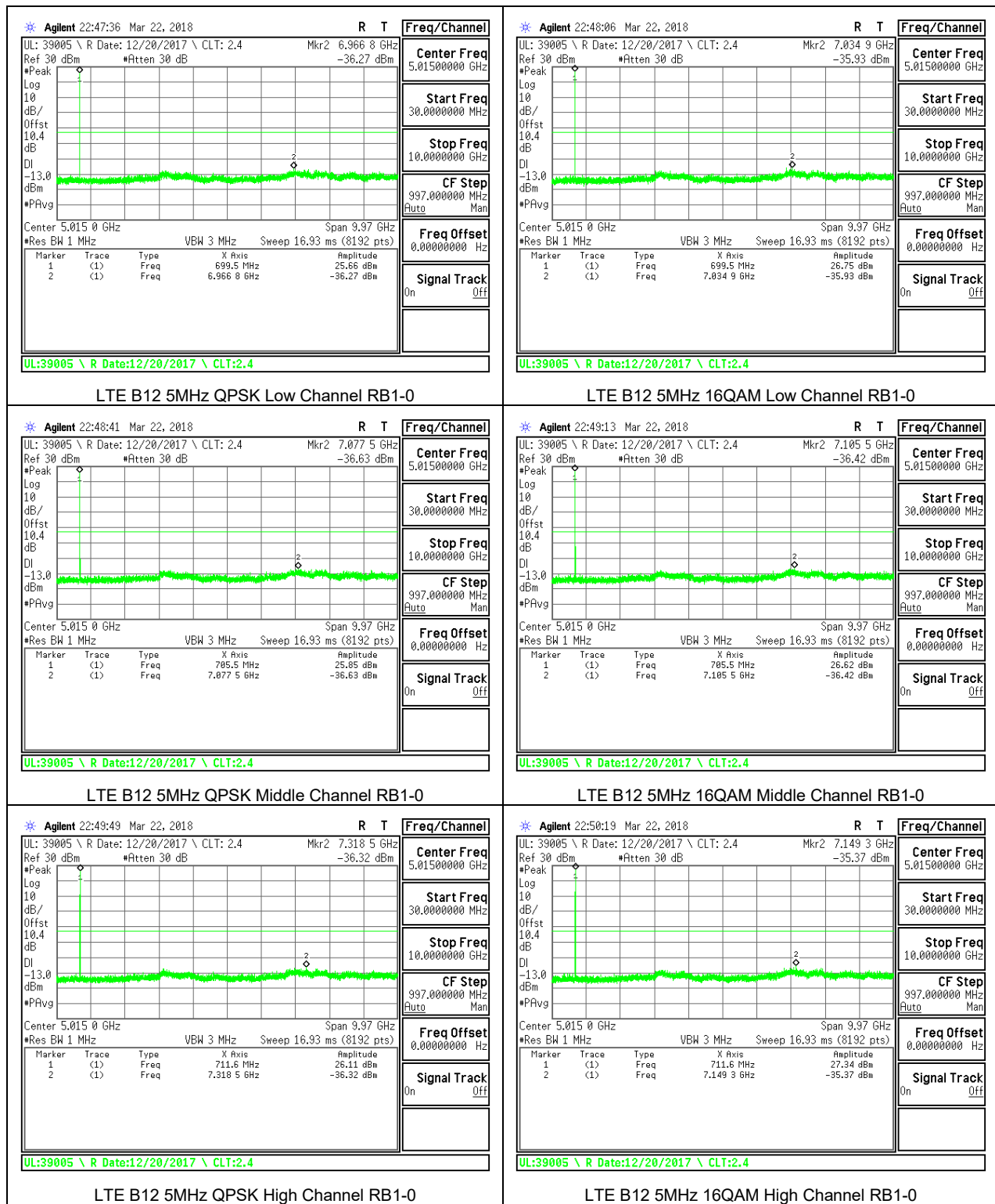


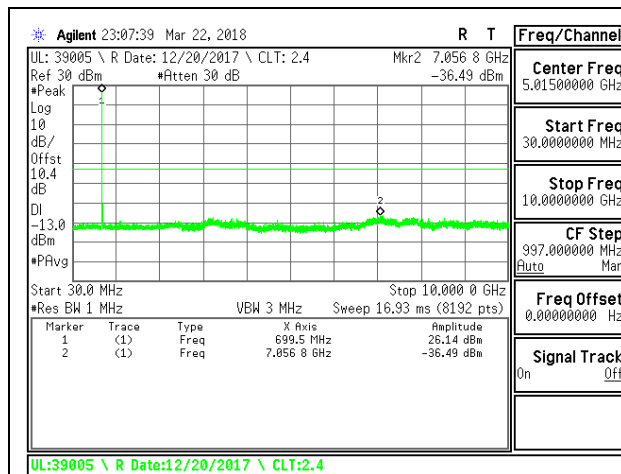


8.3.9. LTE BAND 12

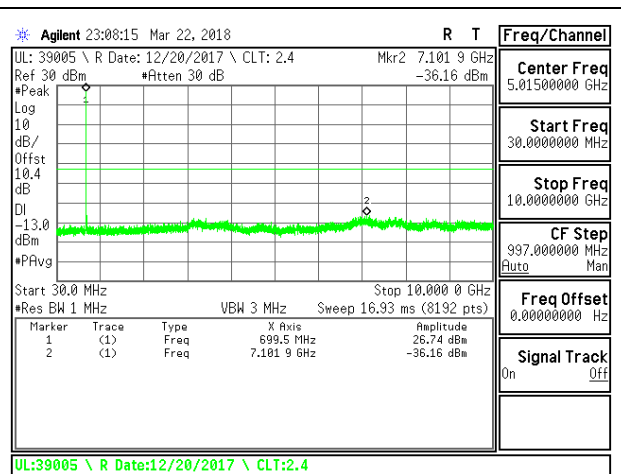




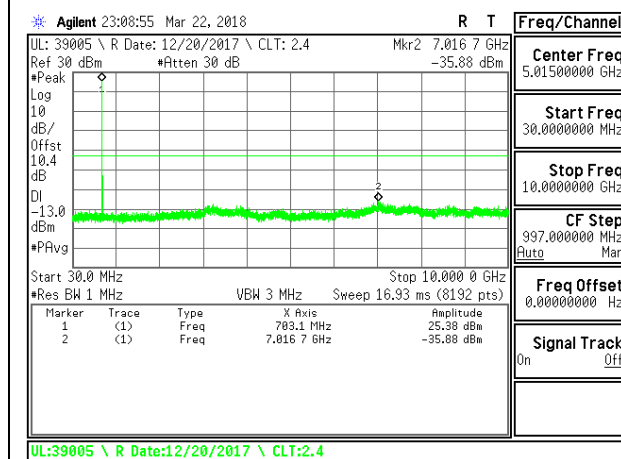




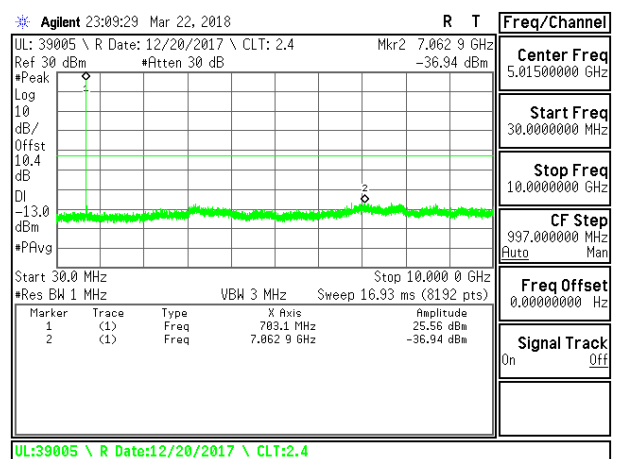
LTE B12 10MHz QPSK Low Channel RB1-0



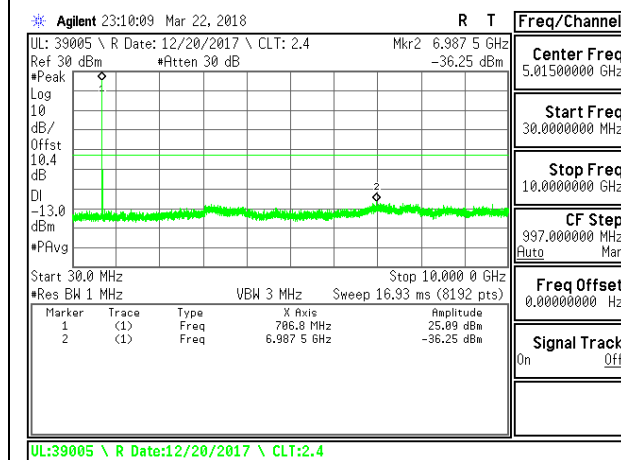
LTE B12 10MHz 16QAM Low Channel RB1-0



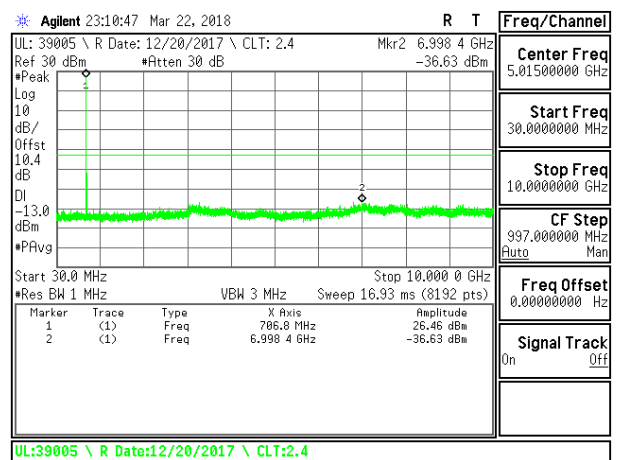
LTE B12 10MHz QPSK Middle Channel RB1-0



LTE B12 10MHz 16QAM Middle Channel RB1-0

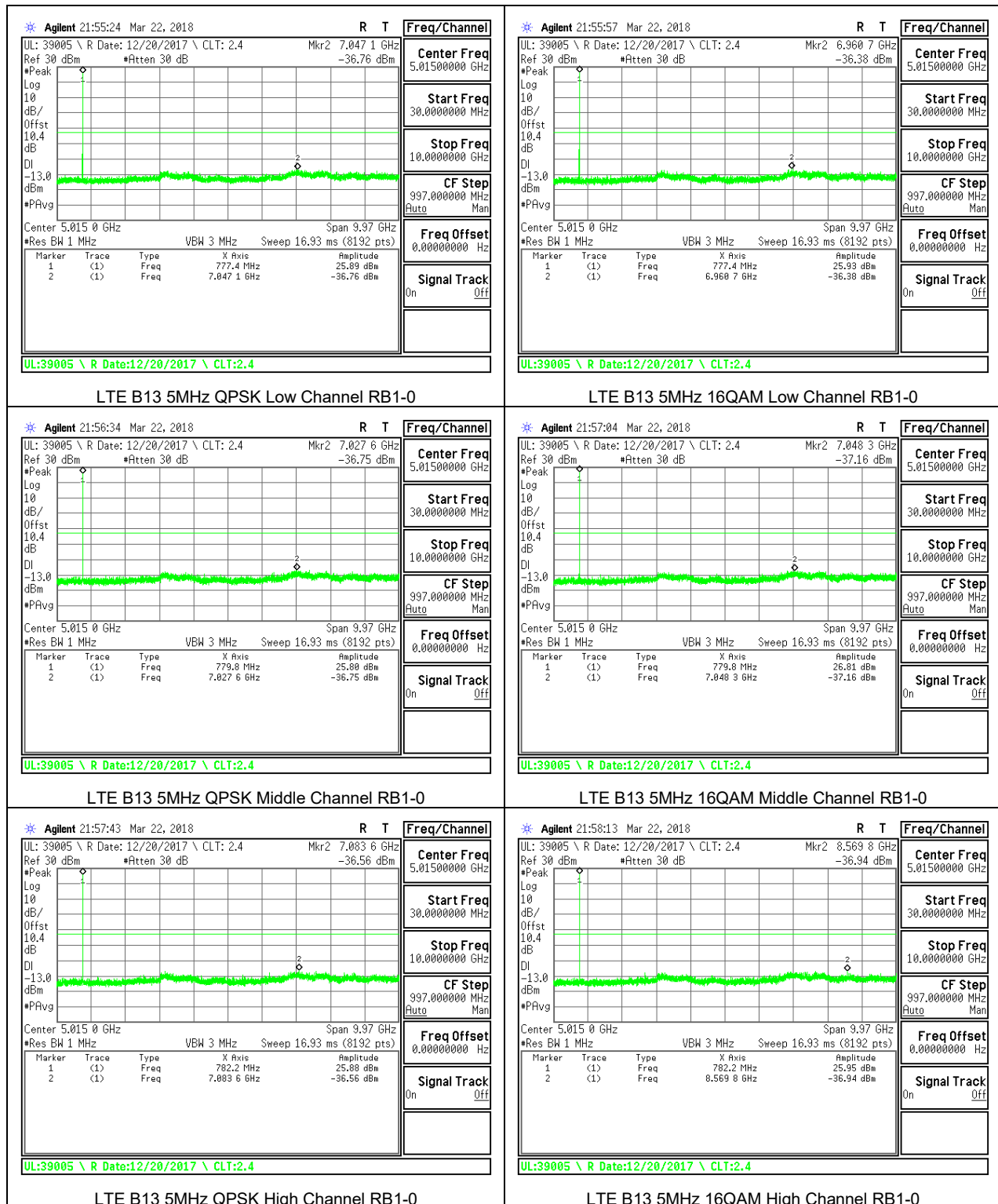


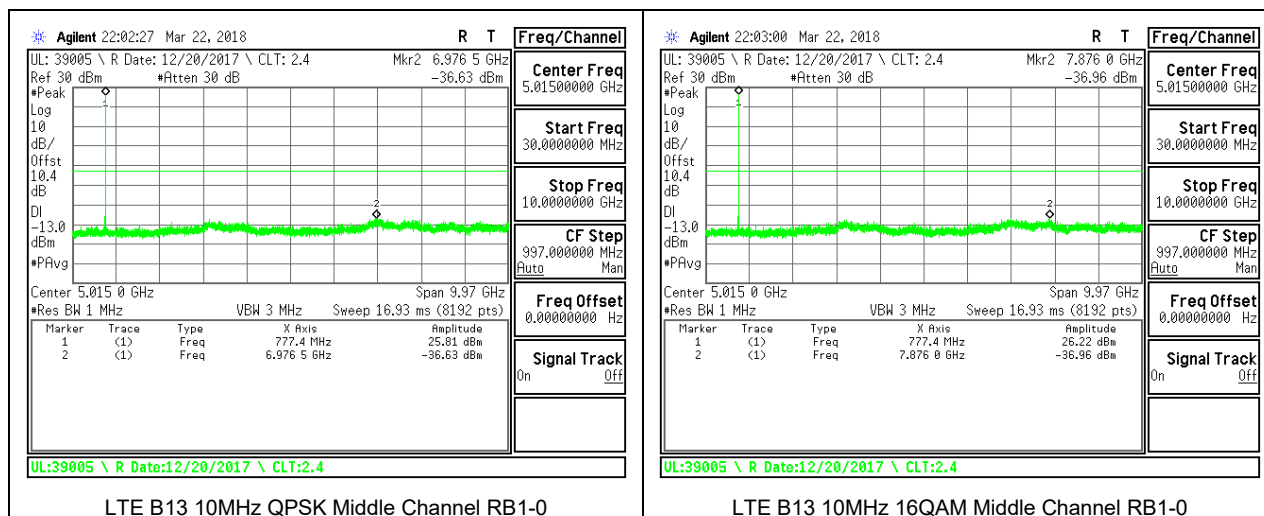
LTE B12 10MHz QPSK High Channel RB1-0



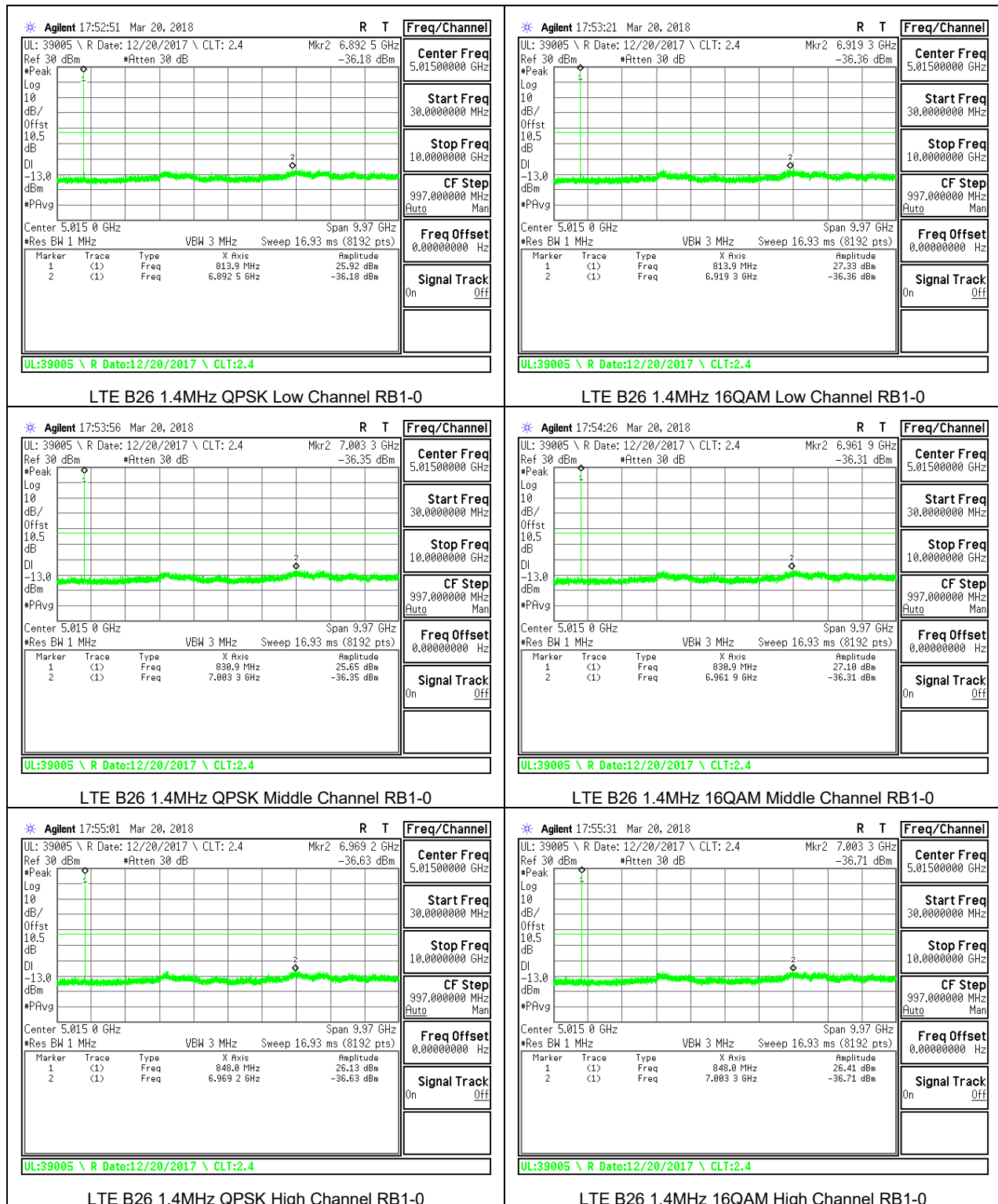
LTE B12 10MHz 16QAM High Channel RB1-0

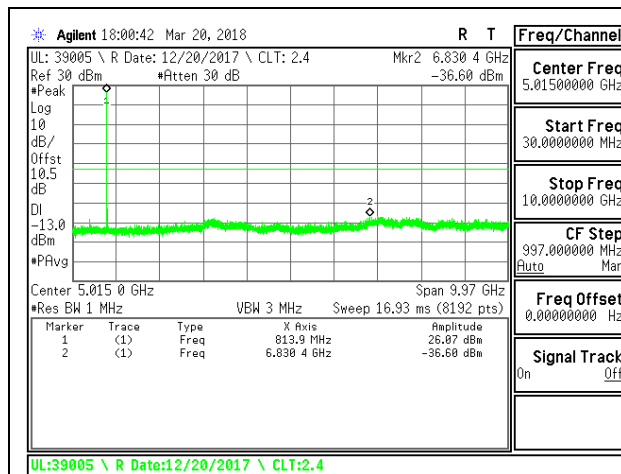
8.3.10. LTE BAND 13



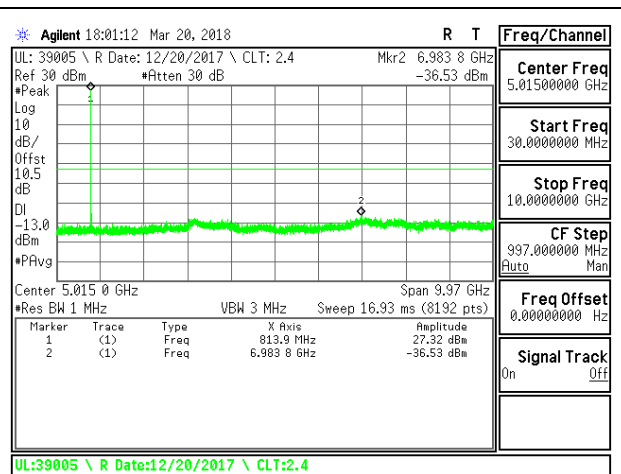


8.3.11. LTE BAND 26

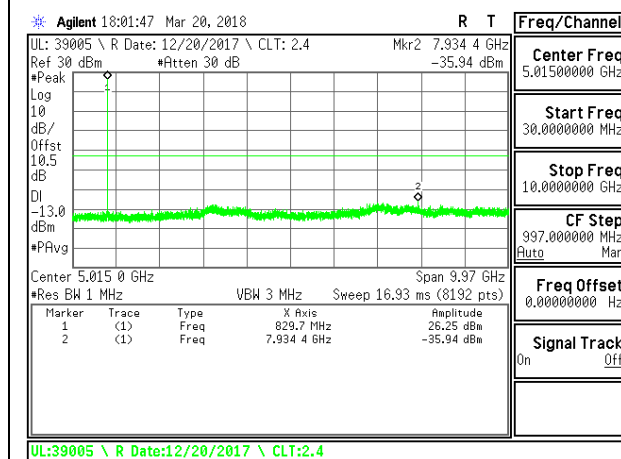




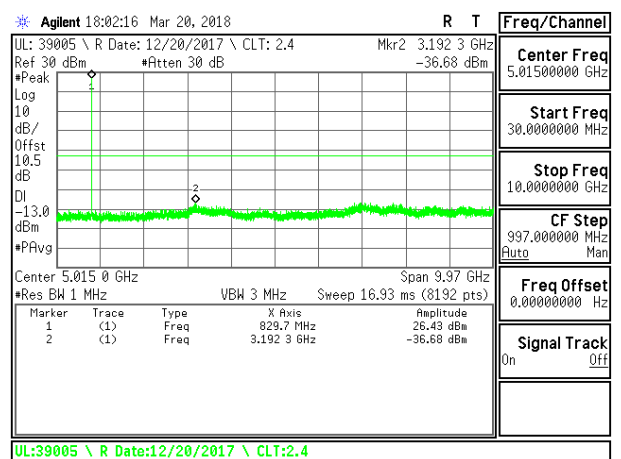
LTE B26 3MHz QPSK Low Channel RB1-0



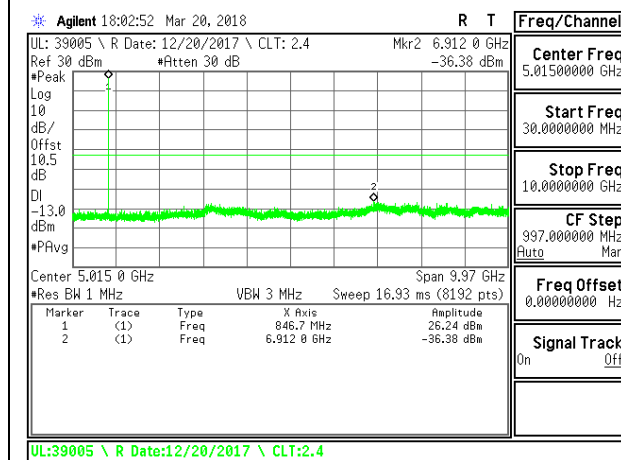
LTE B26 3MHz 16QAM Low Channel RB1-0



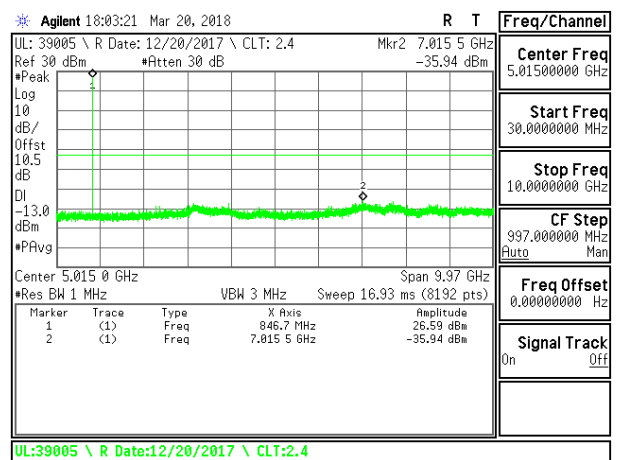
LTE B26 3MHz QPSK Middle Channel RB1-0



LTE B26 3MHz 16QAM Middle Channel RB1-0



LTE B26 3MHz QPSK High Channel RB1-0



LTE B26 3MHz 16QAM High Channel RB1-0

