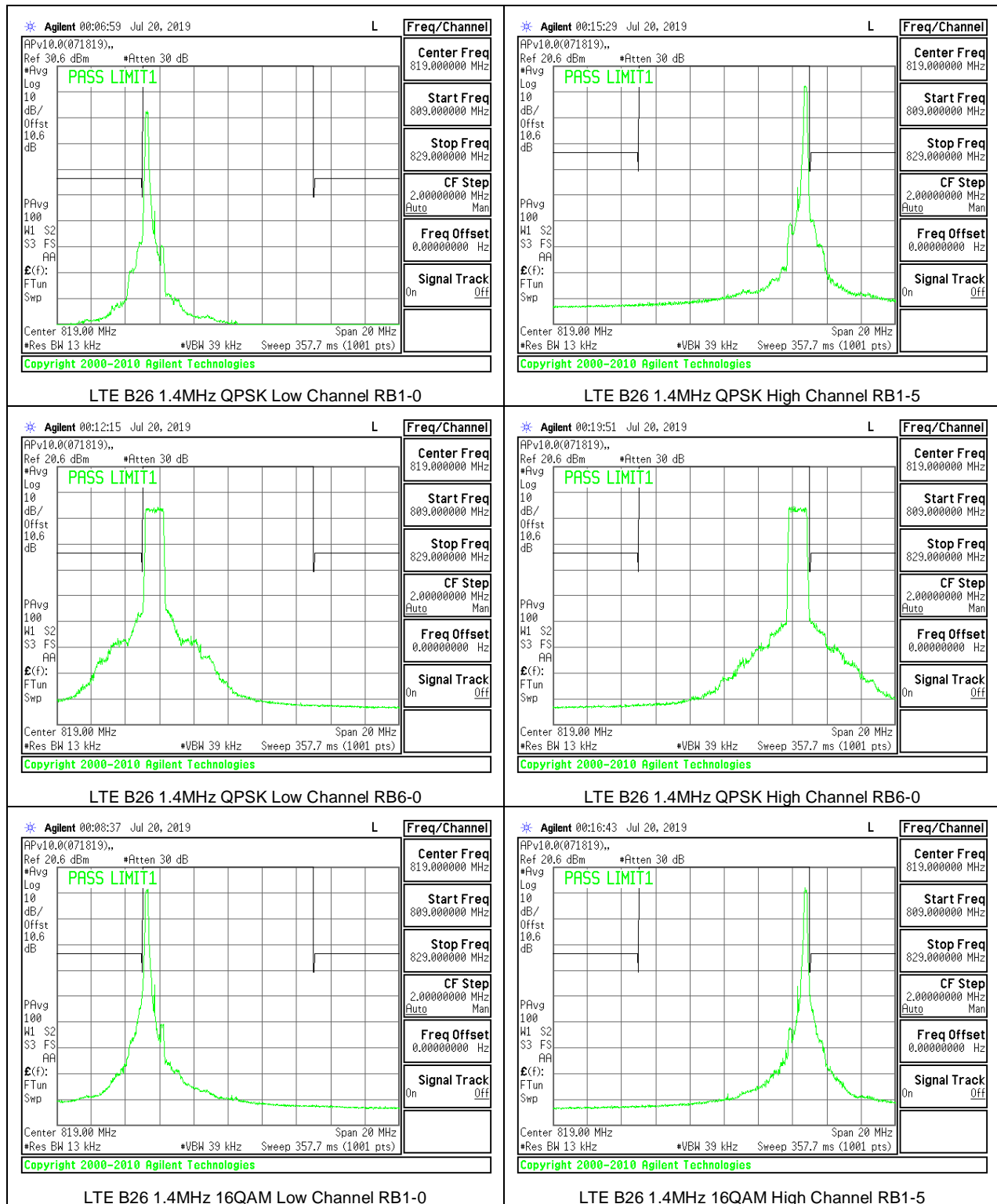
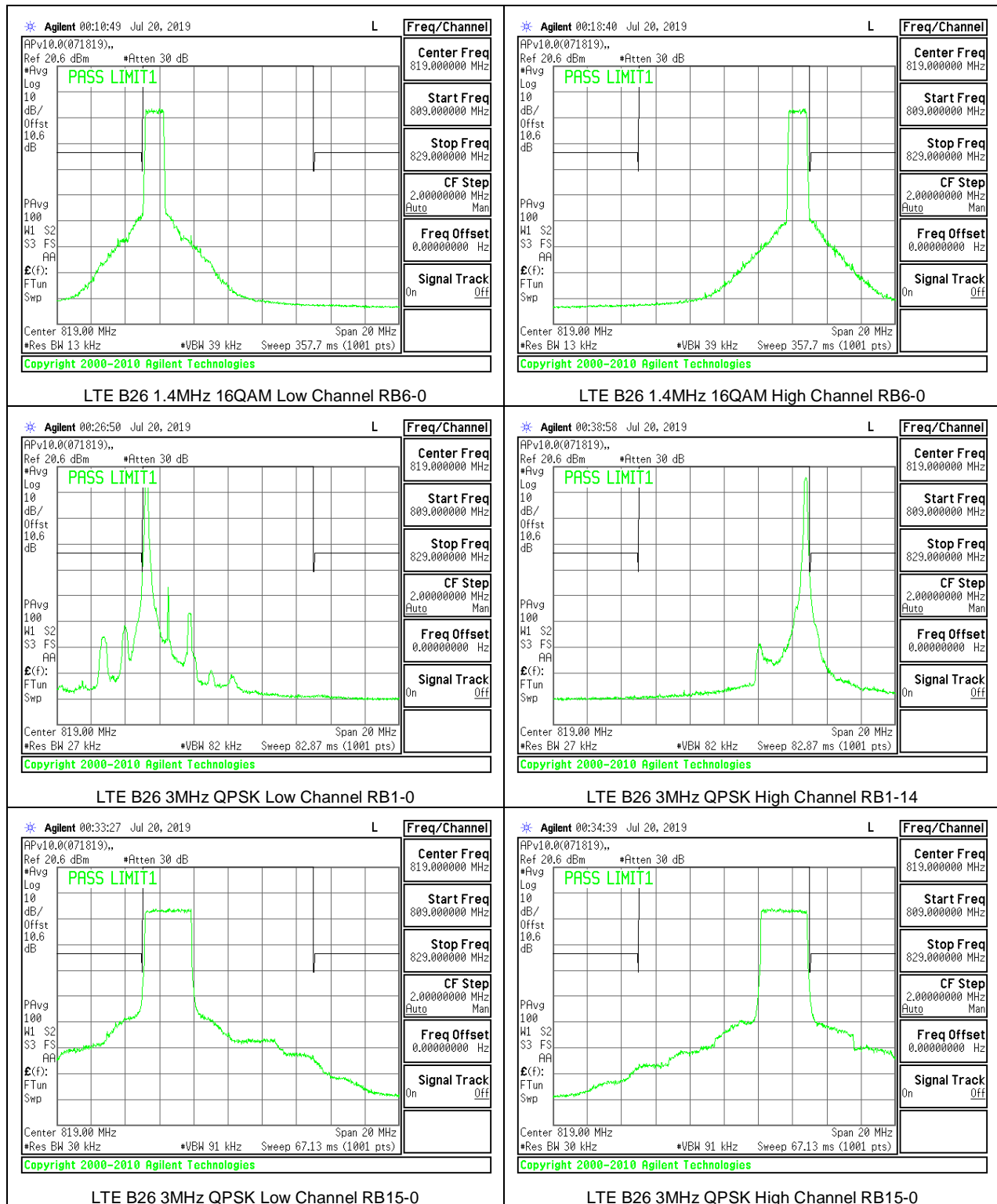
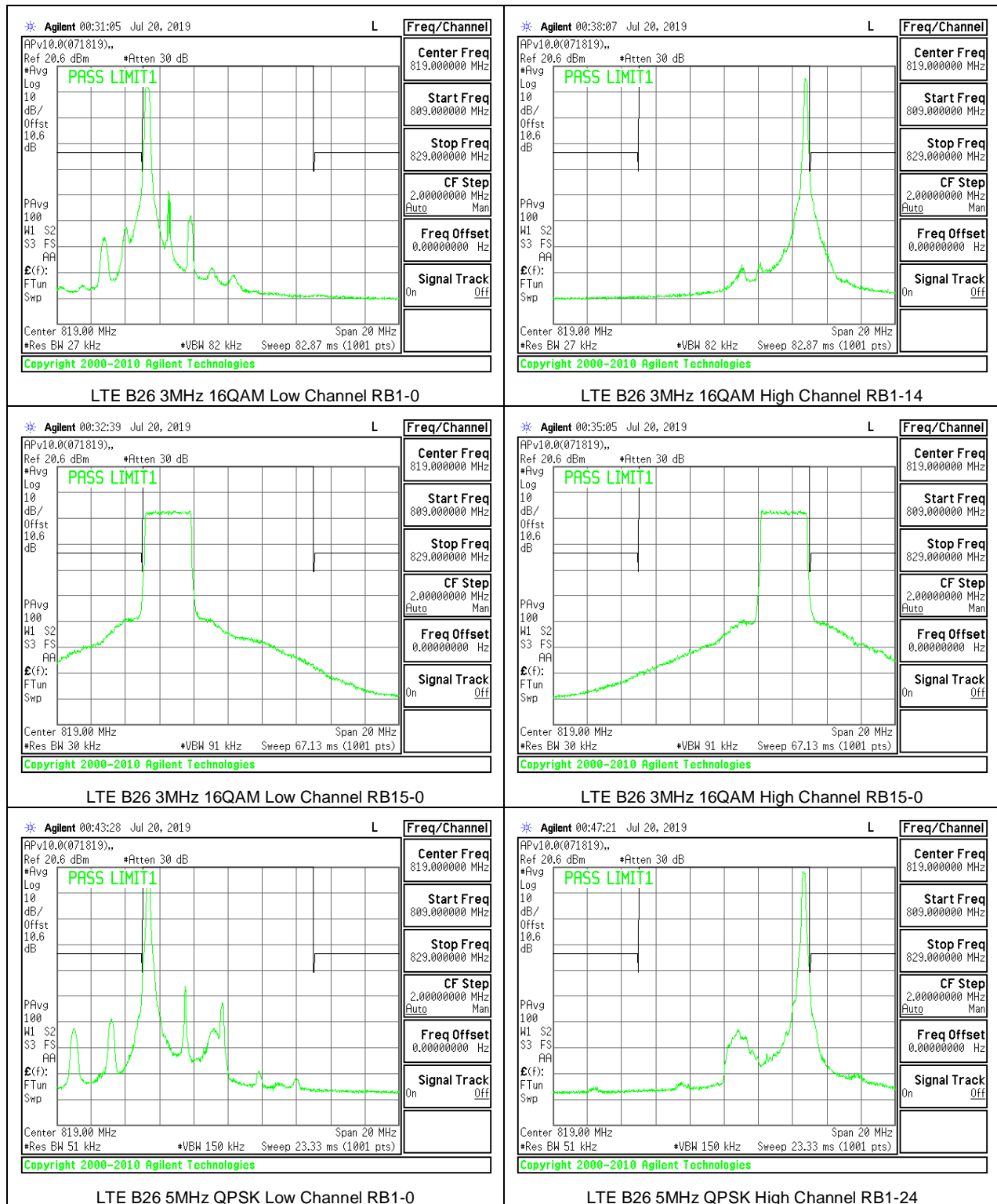
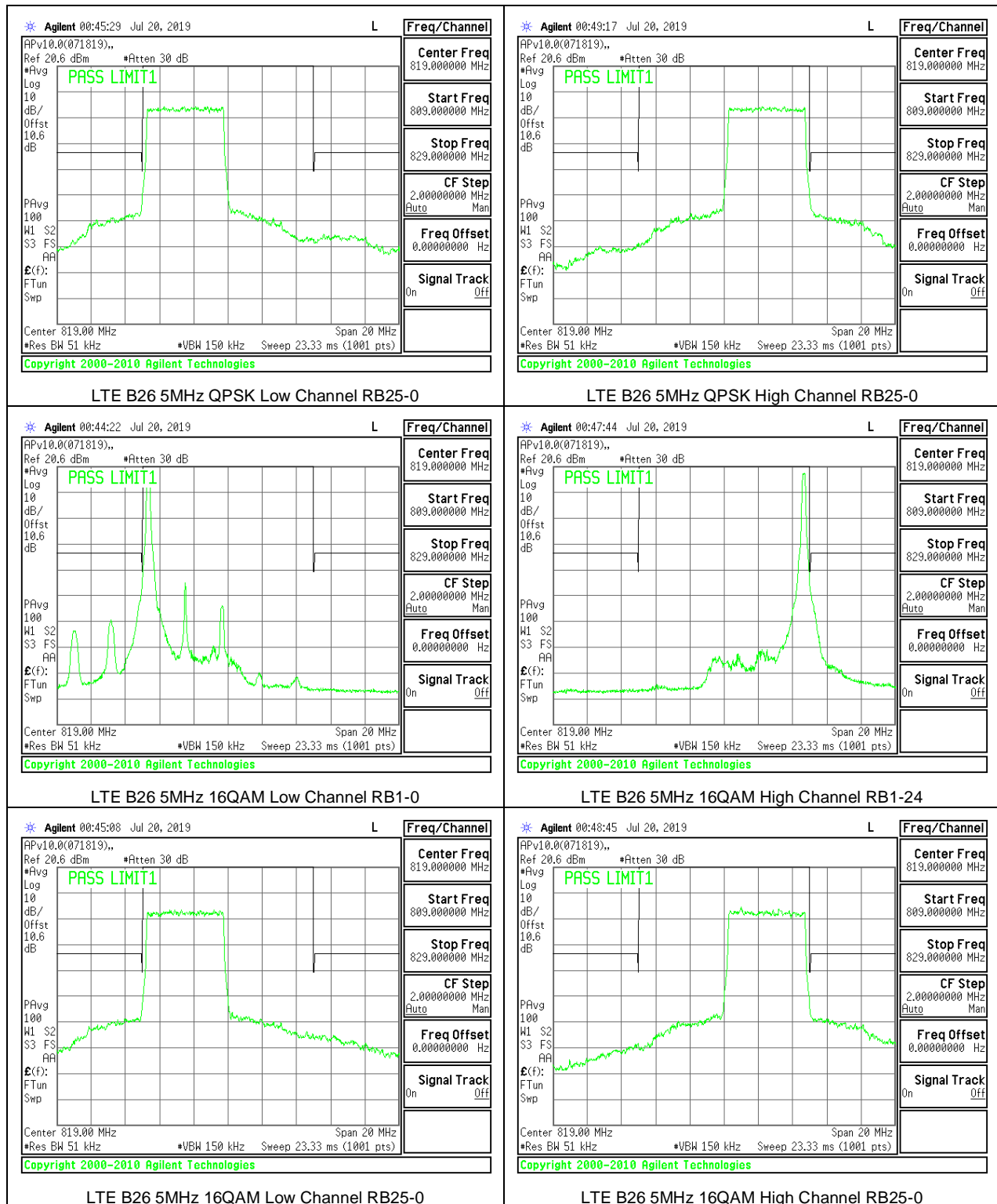


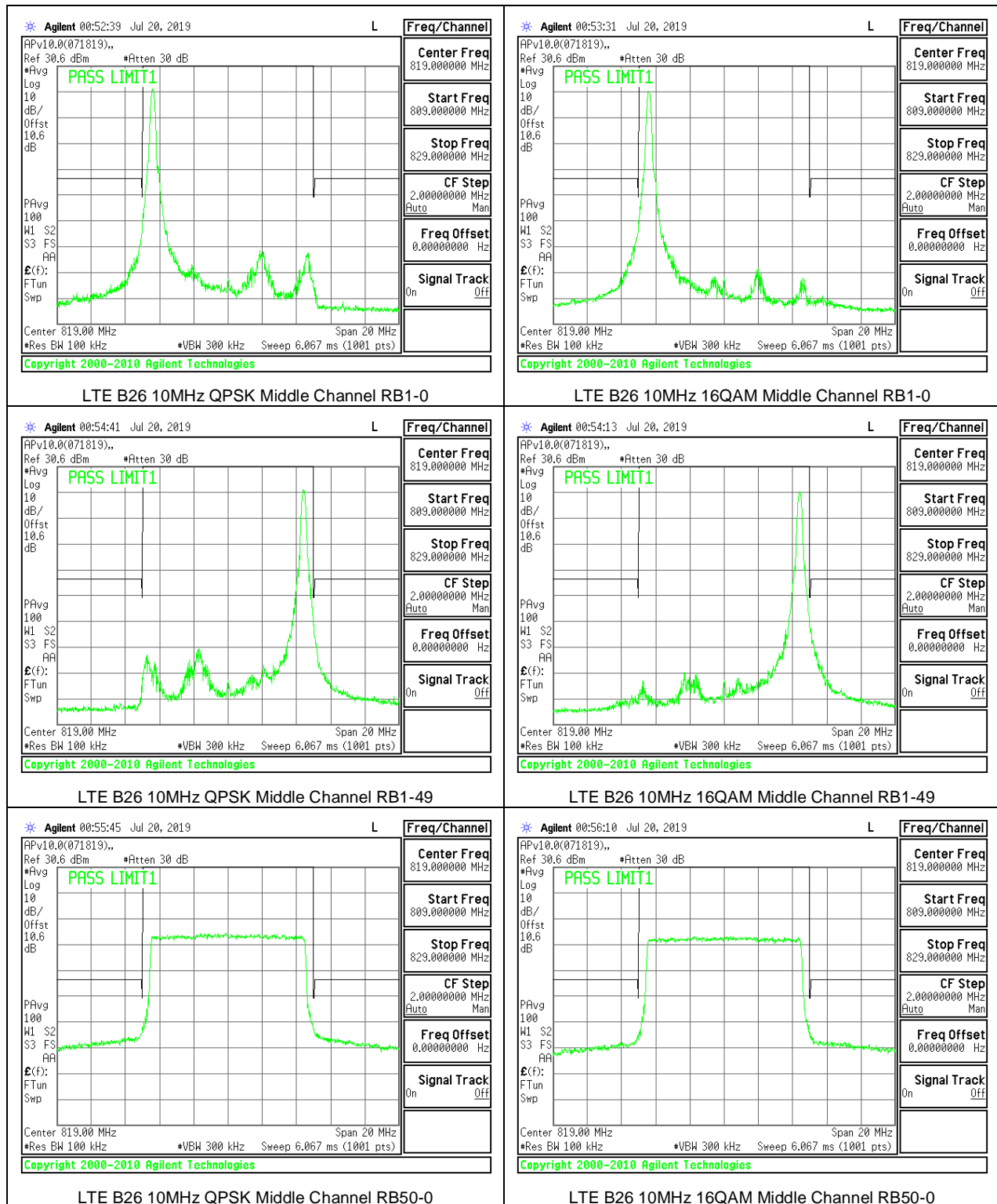
8.2.9. LTE BAND 26 EMISSION MASK (FCC PART 90S)



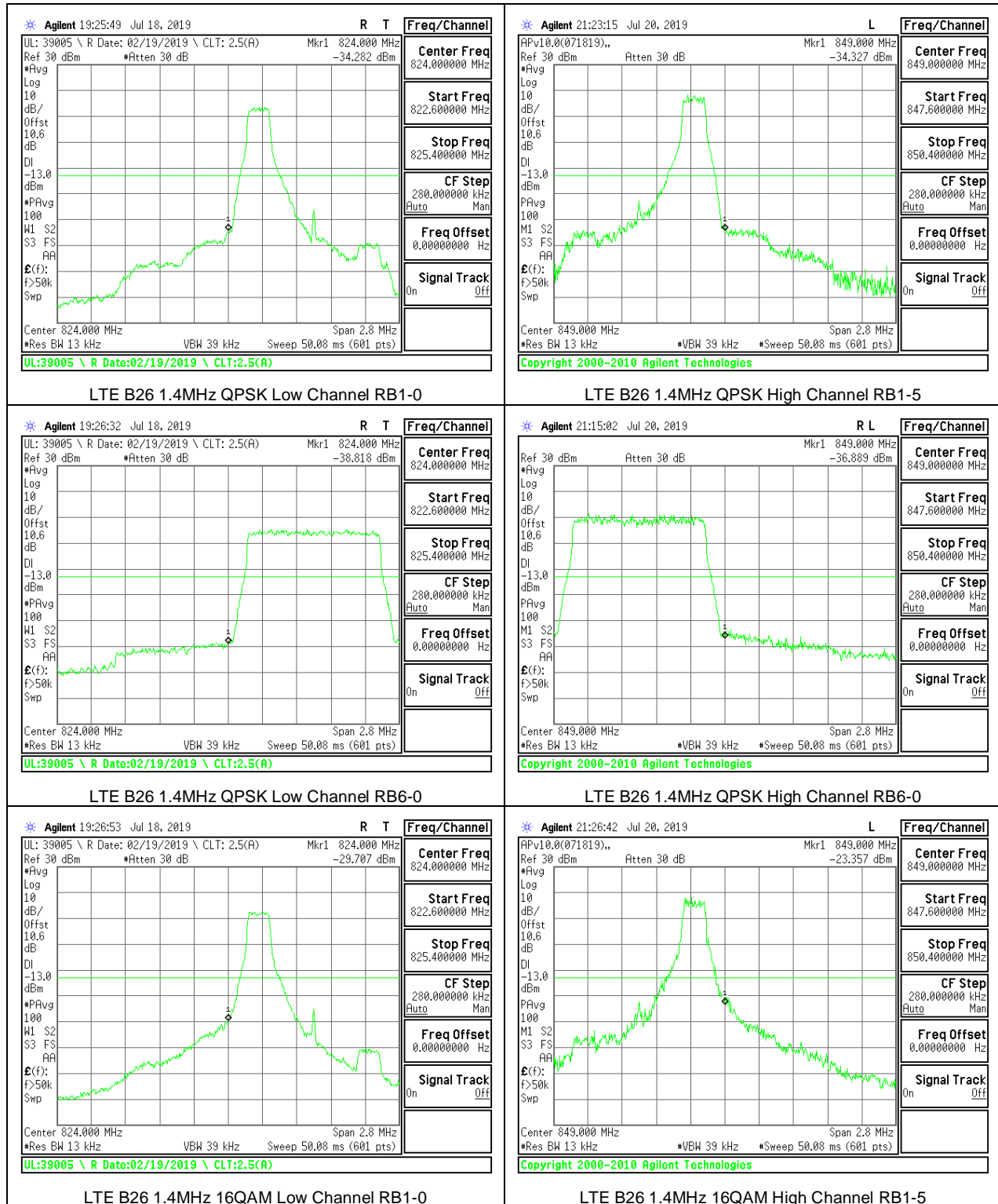


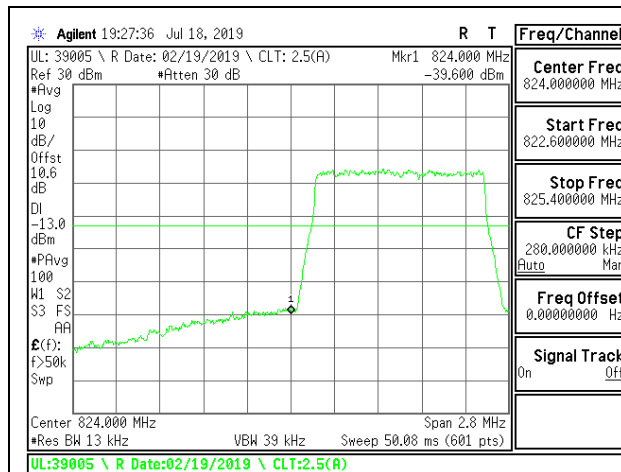




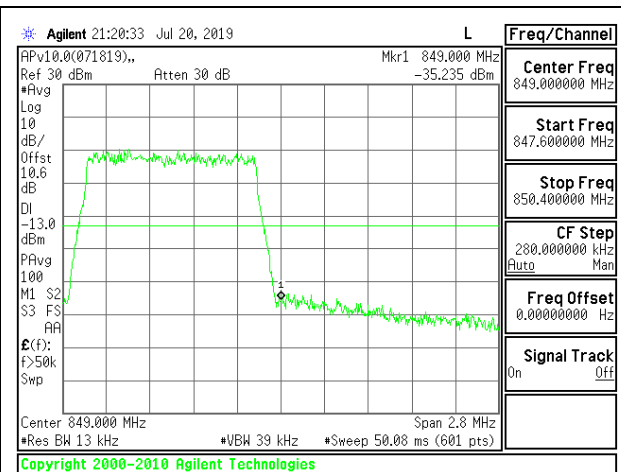


8.2.10. LTE BAND 26 BANDEDGE (FCC PART 22)

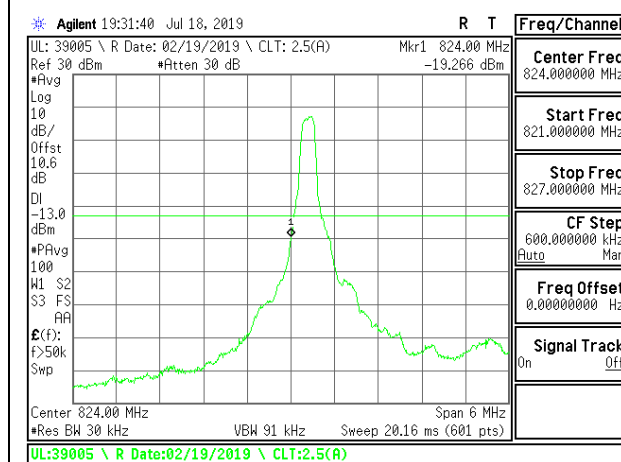




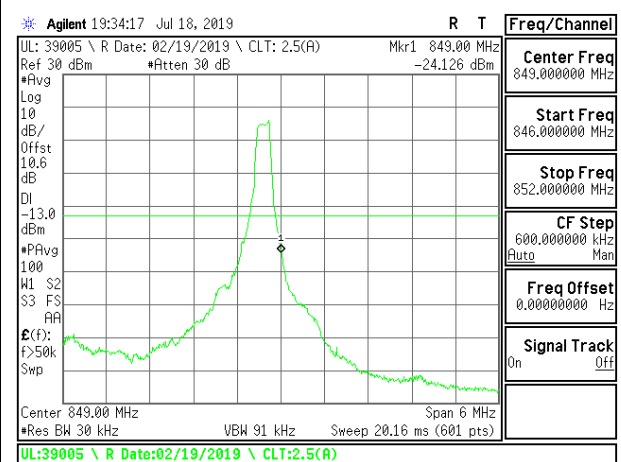
LTE B26 1.4MHz 16QAM Low Channel RB6-0



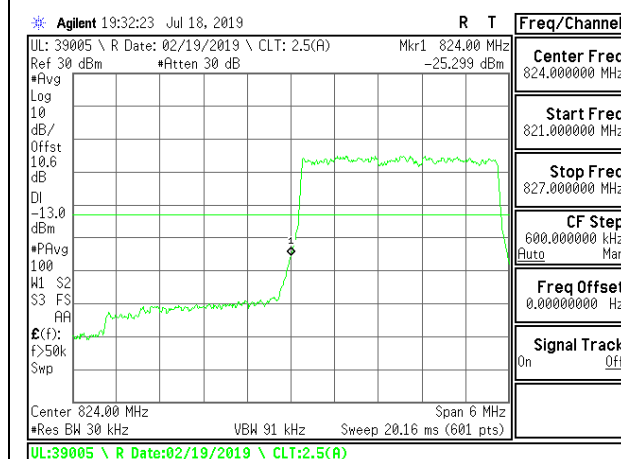
LTE B26 1.4MHz 16QAM High Channel RB6-0



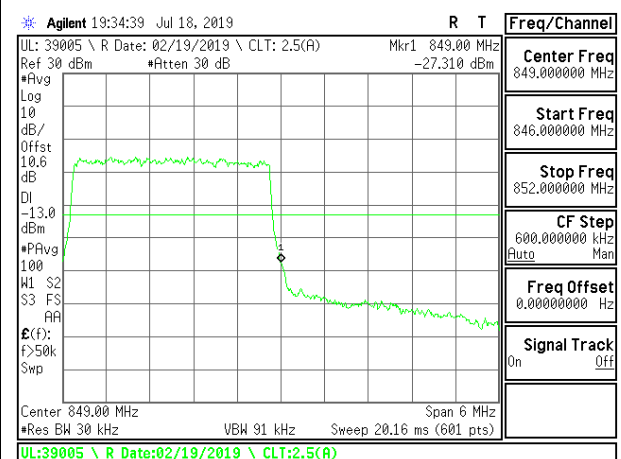
LTE B26 3MHz QPSK Low Channel RB1-0



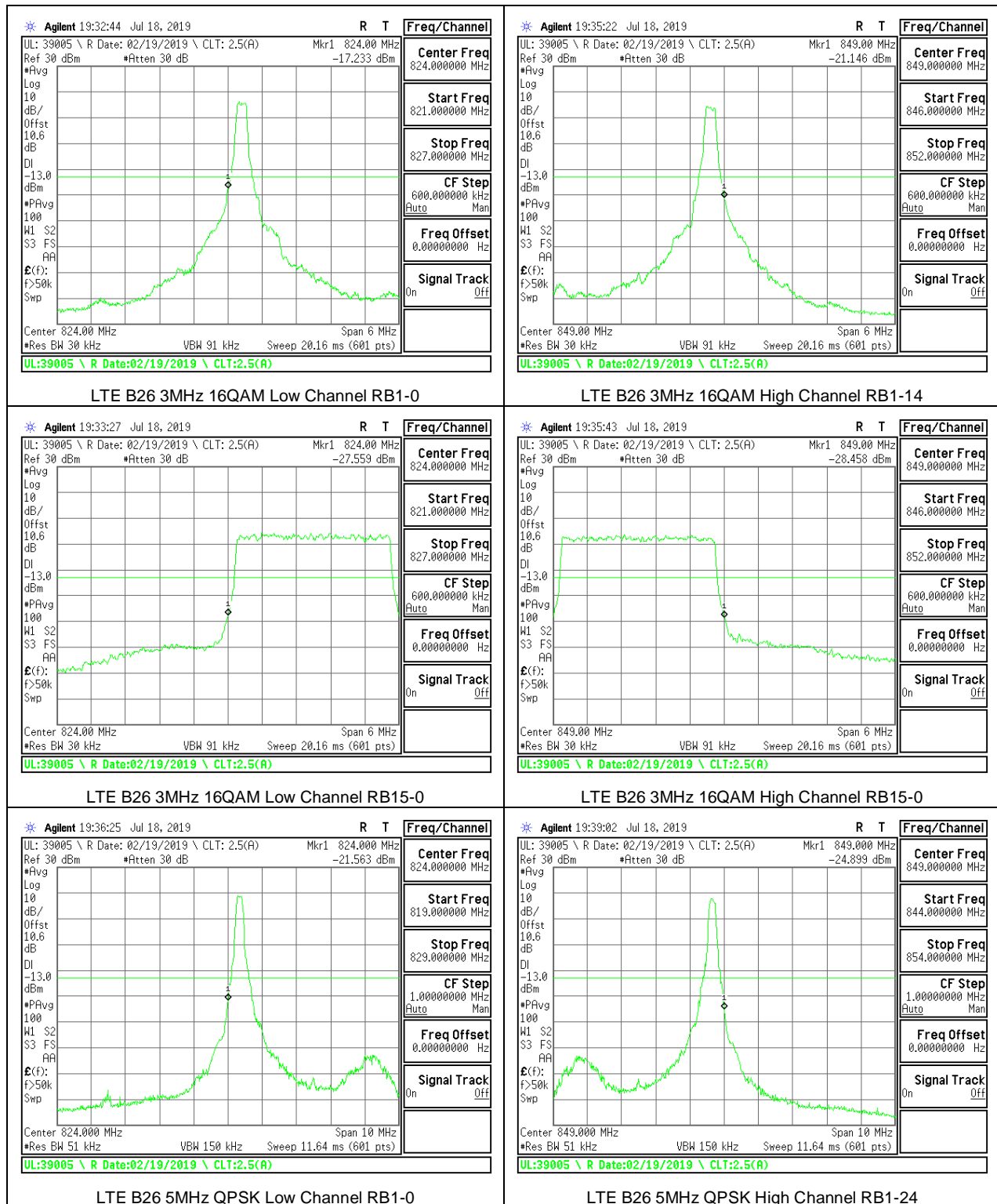
LTE B26 3MHz QPSK High Channel RB1-14

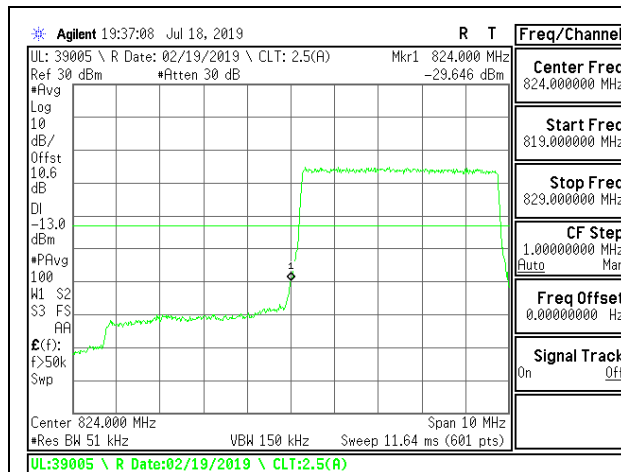


LTE B26 3MHz QPSK Low Channel RB15-0

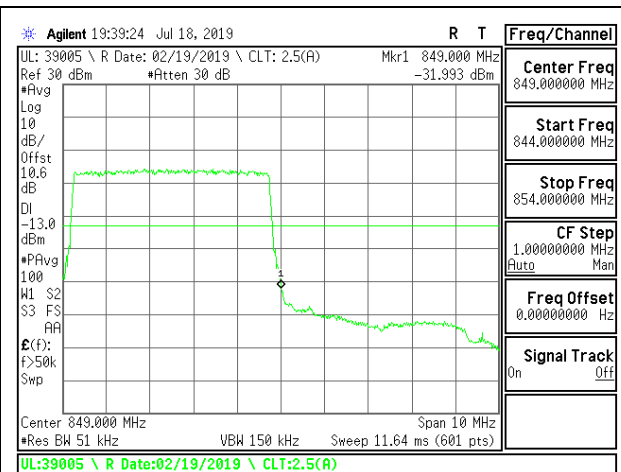


LTE B26 3MHz QPSK High Channel RB15-0

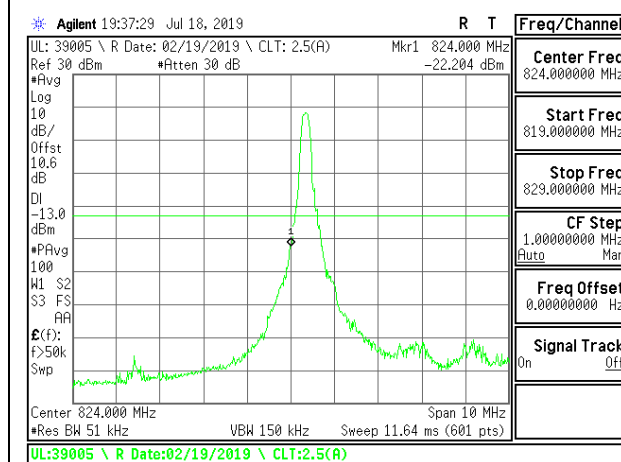




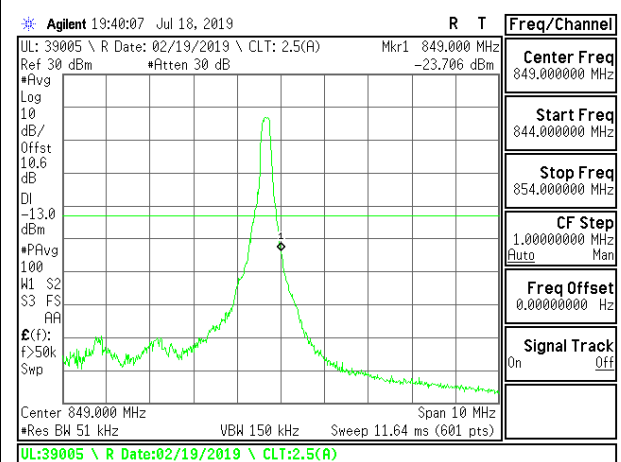
LTE B26 5MHz QPSK Low Channel RB25-0



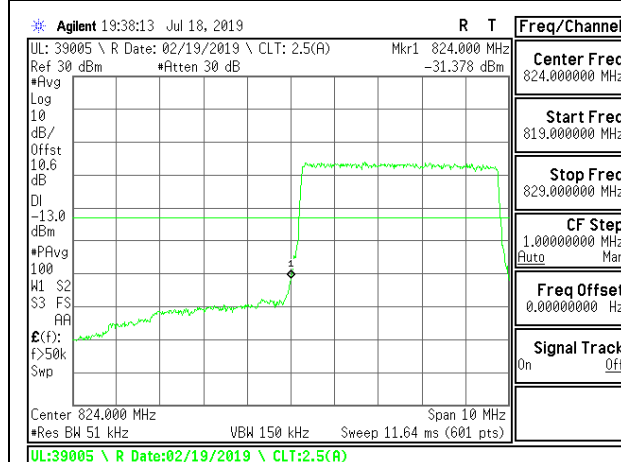
LTE B26 5MHz QPSK High Channel RB25-0



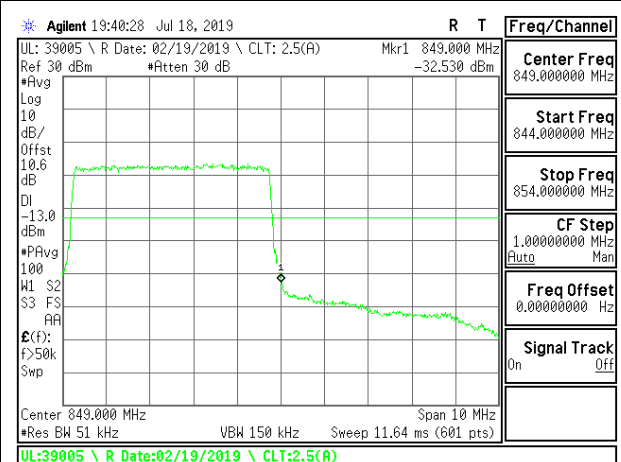
LTE B26 5MHz 16QAM Low Channel RB1-0



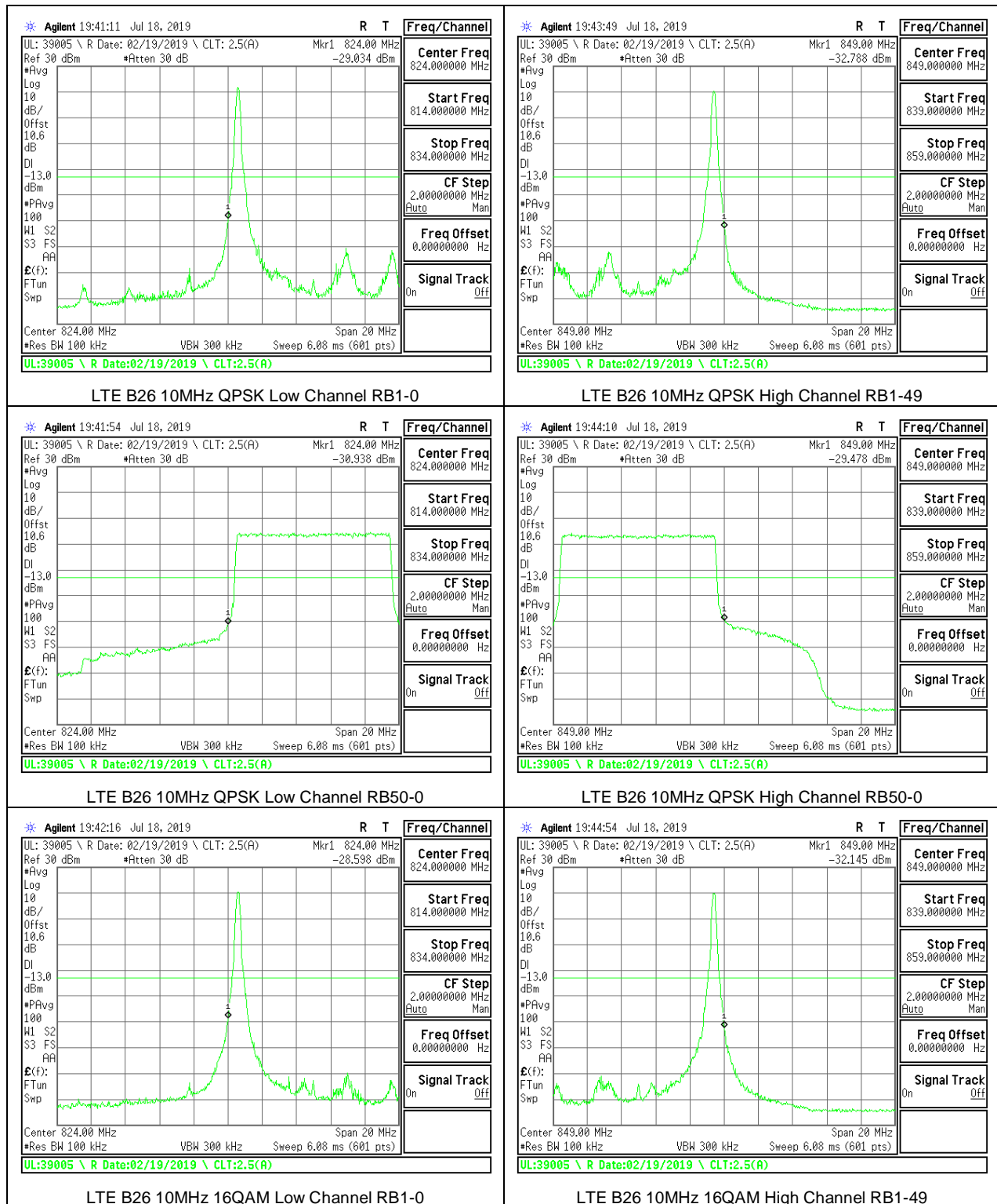
LTE B26 5MHz 16QAM High Channel RB1-24

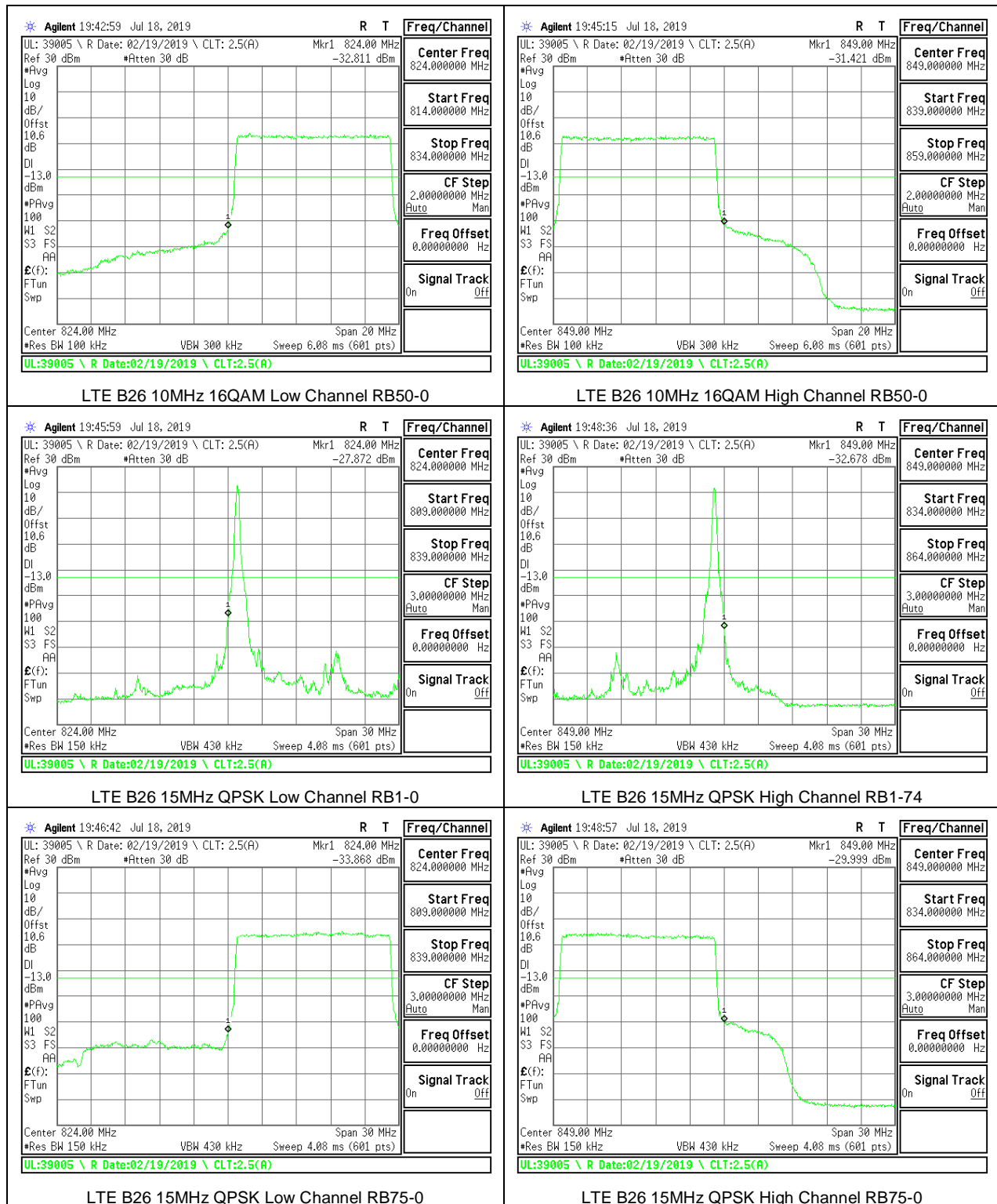


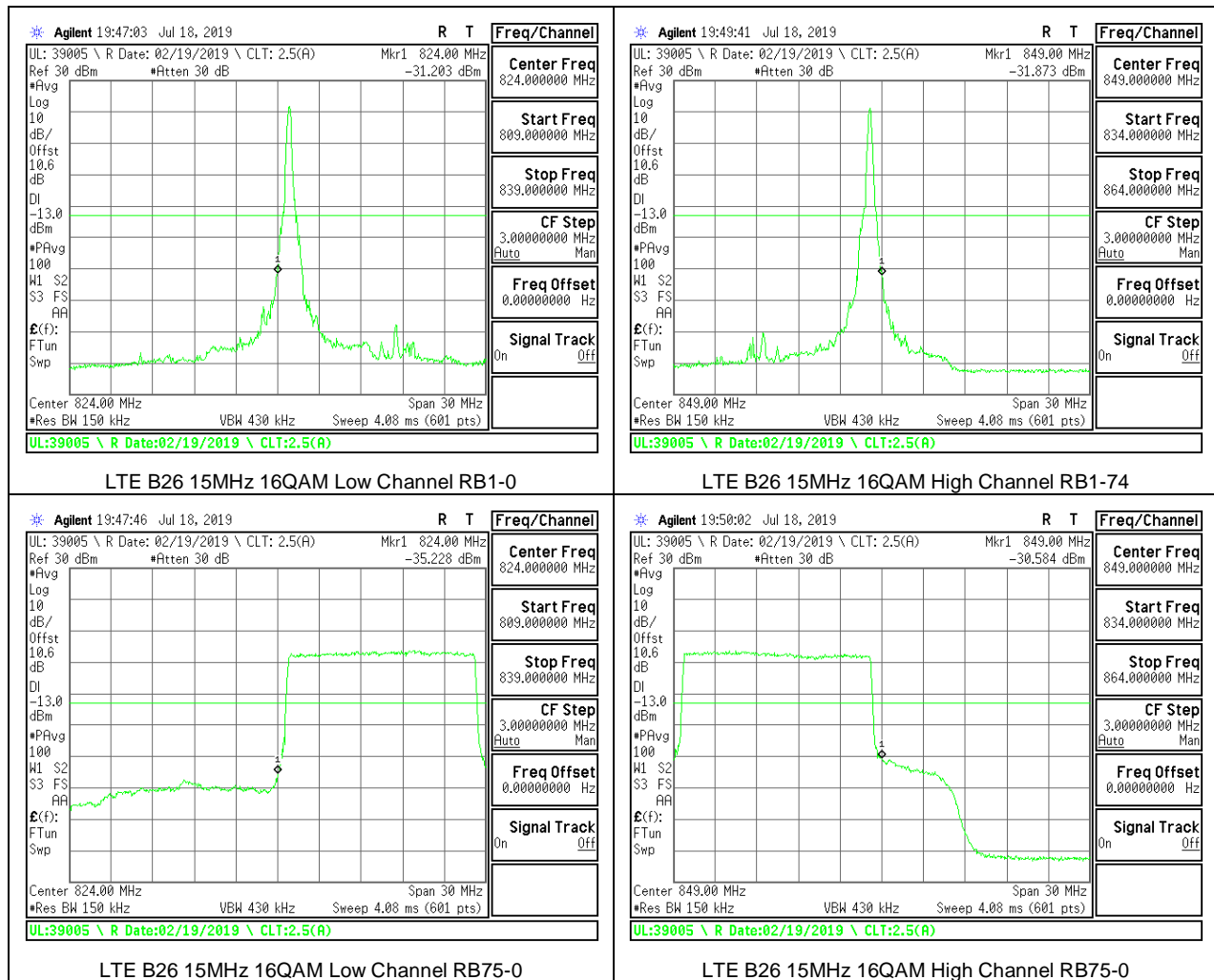
LTE B26 5MHz 16QAM Low Channel RB25-0



LTE B26 5MHz 16QAM High Channel RB25-0

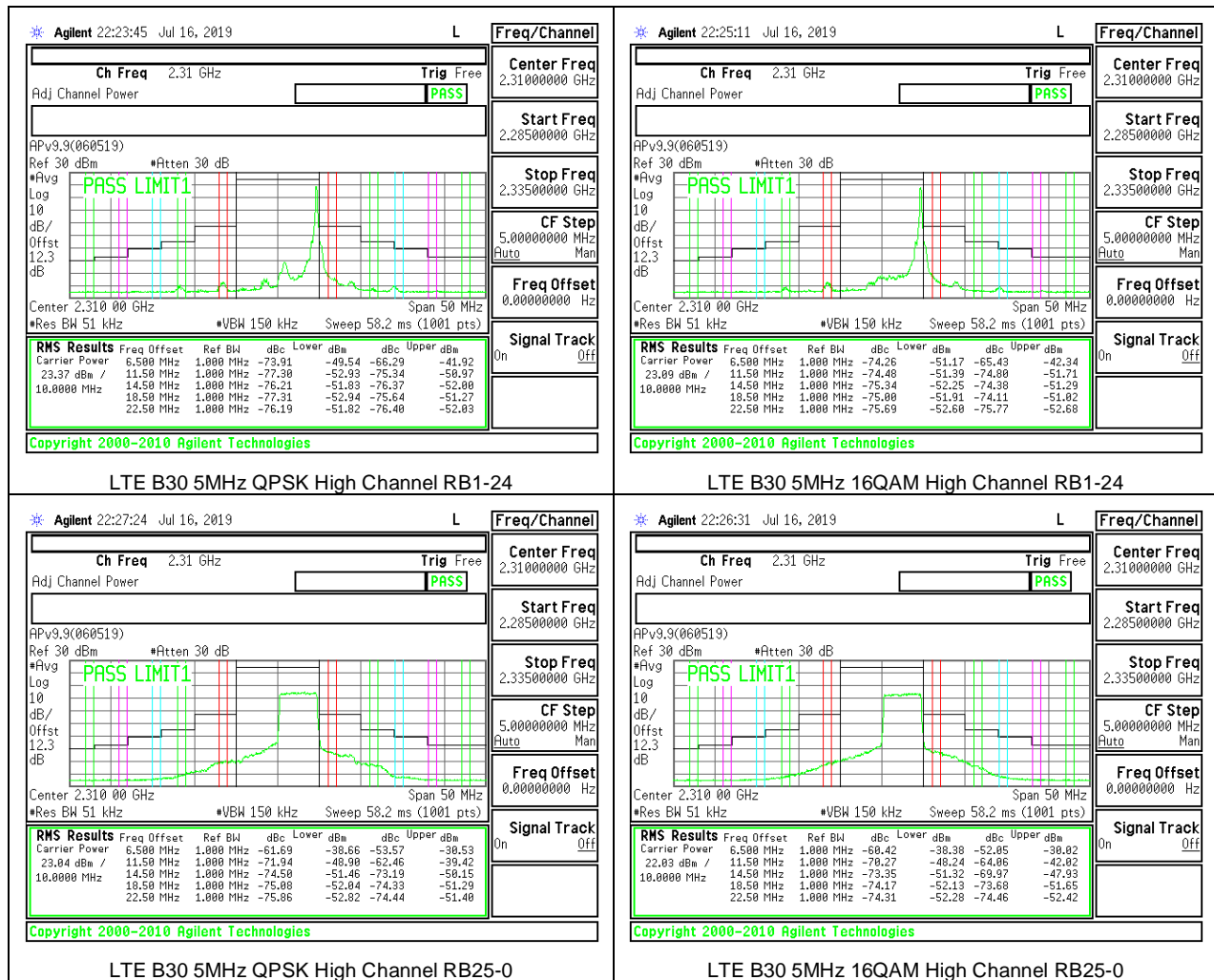


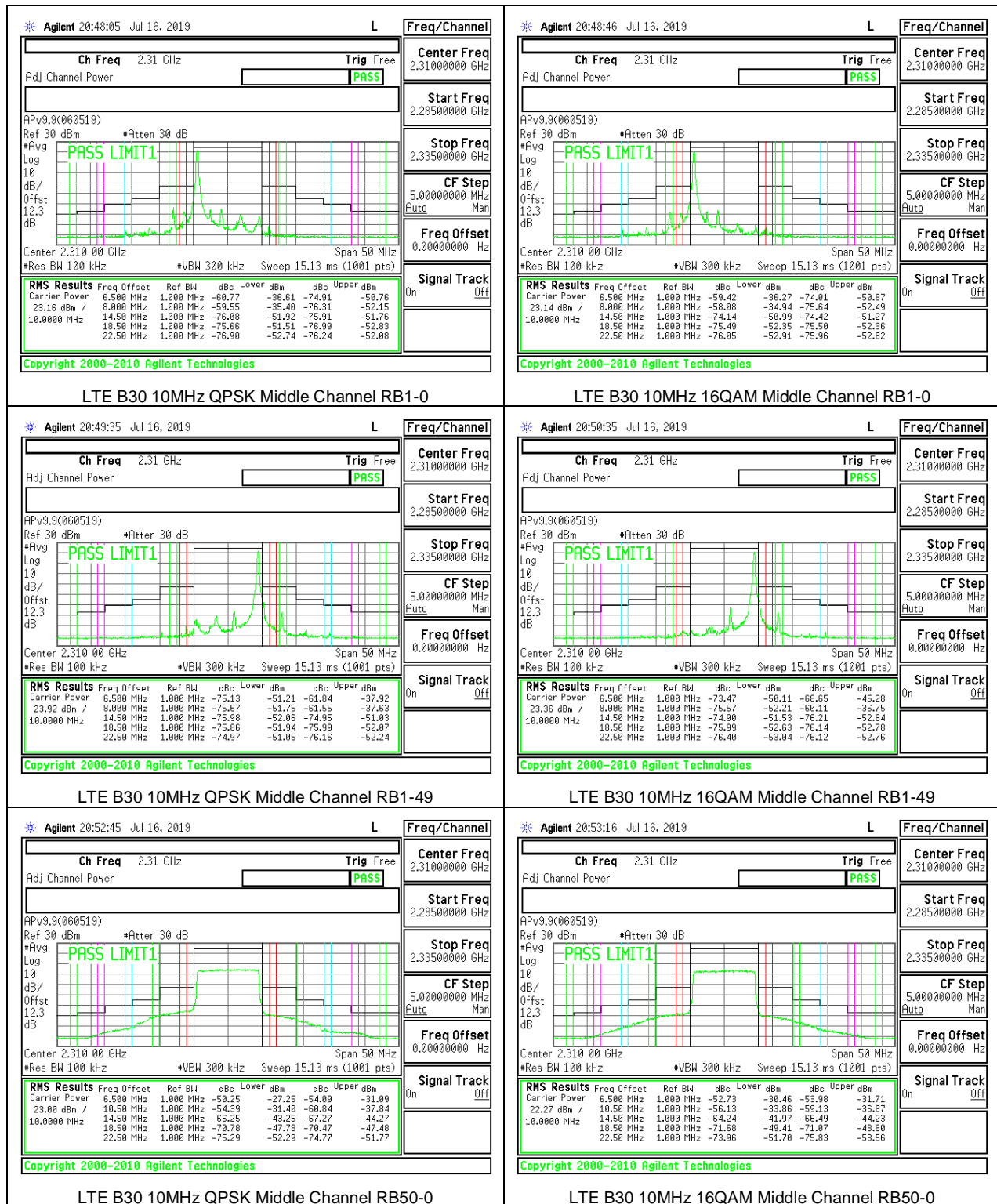




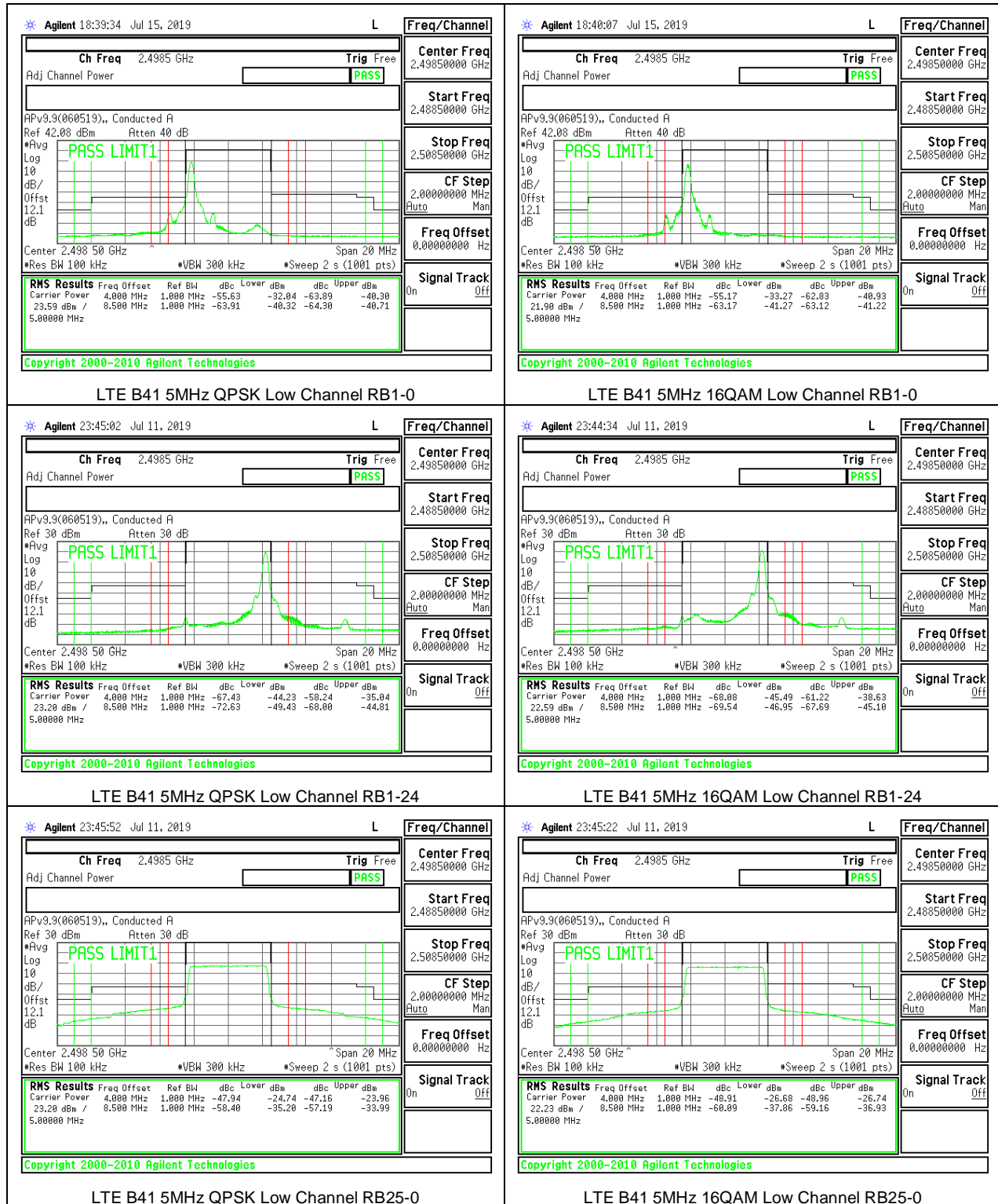
8.2.11. LTE BAND 30 ADJACENT CHANNEL POWER

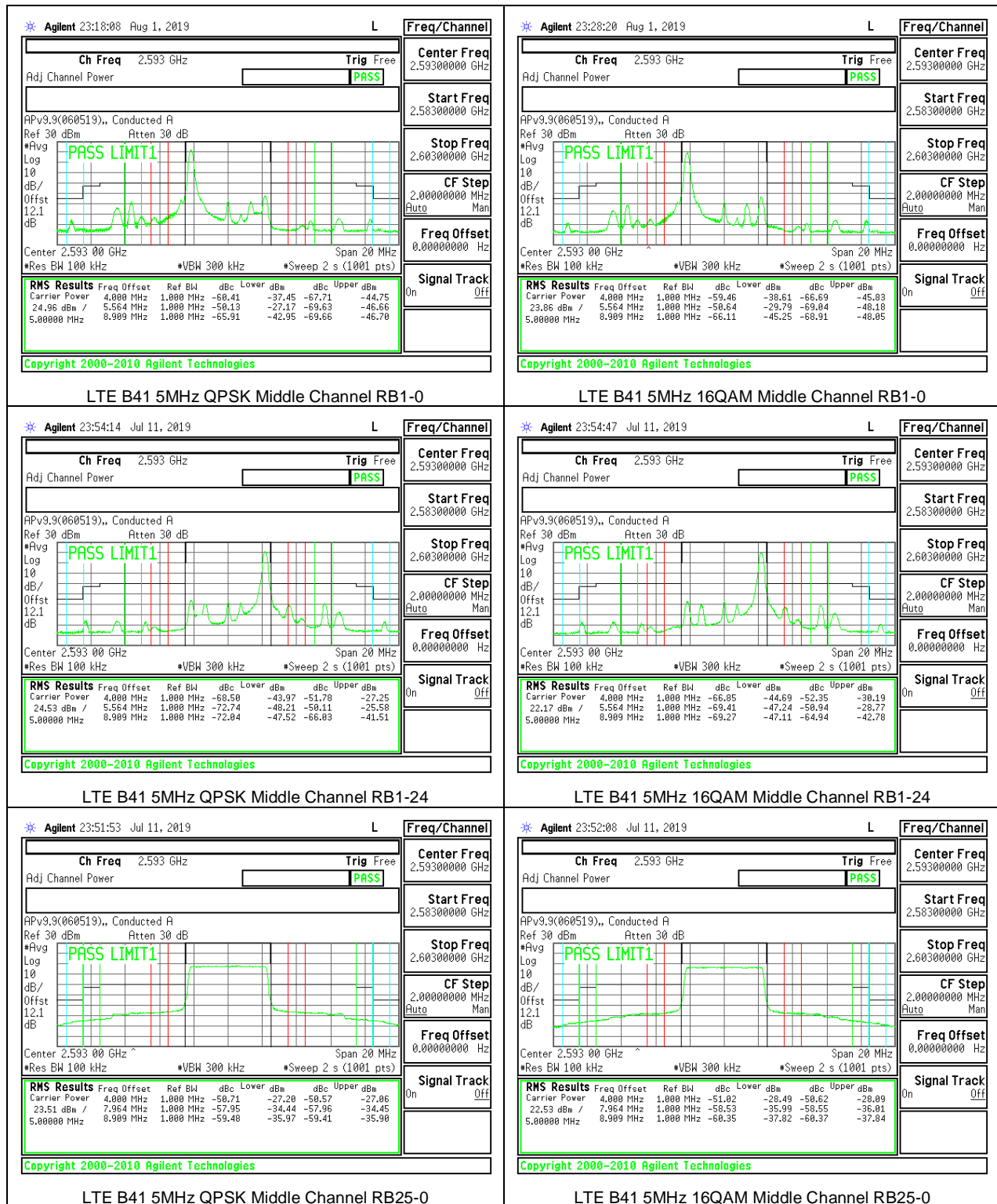


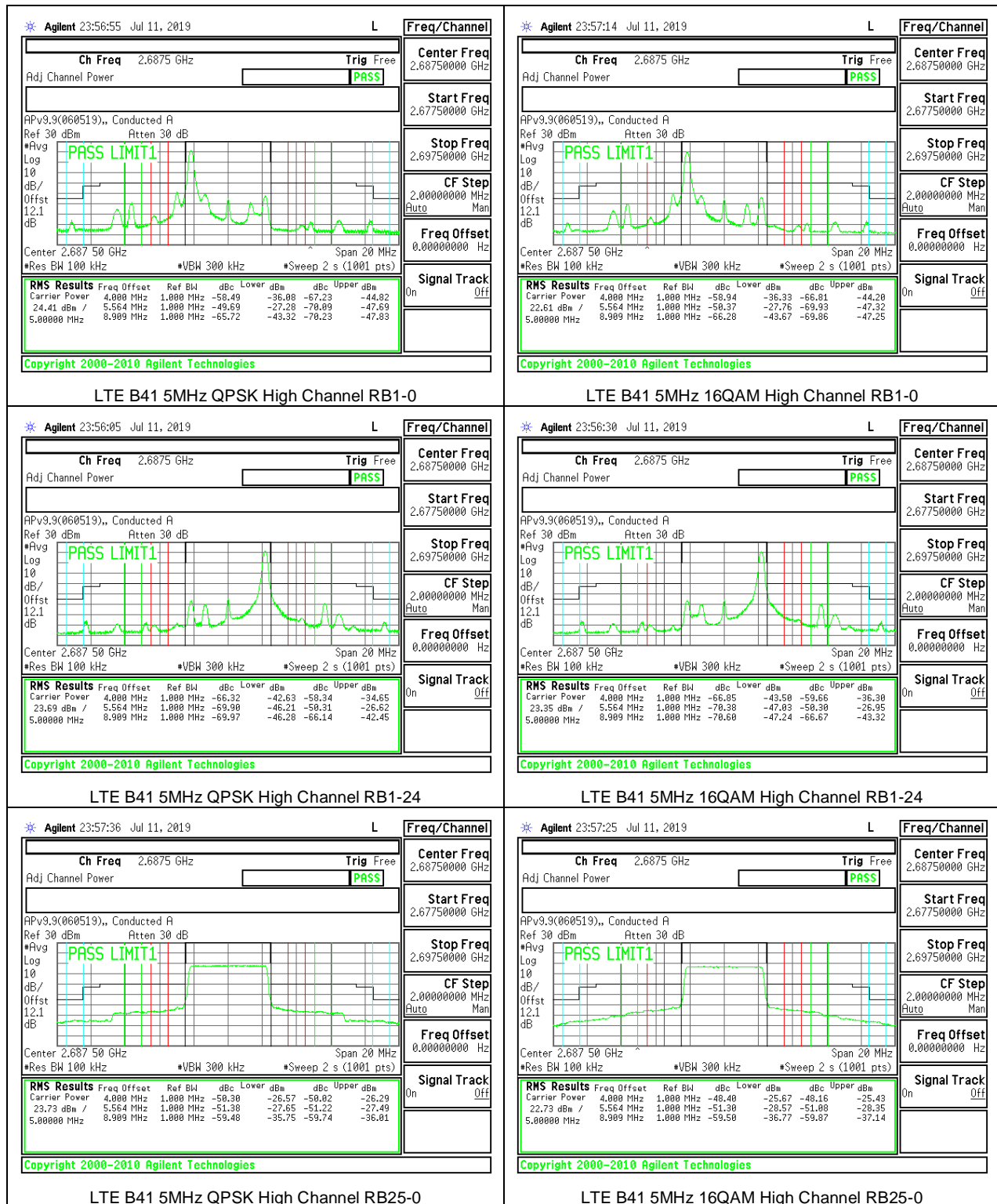


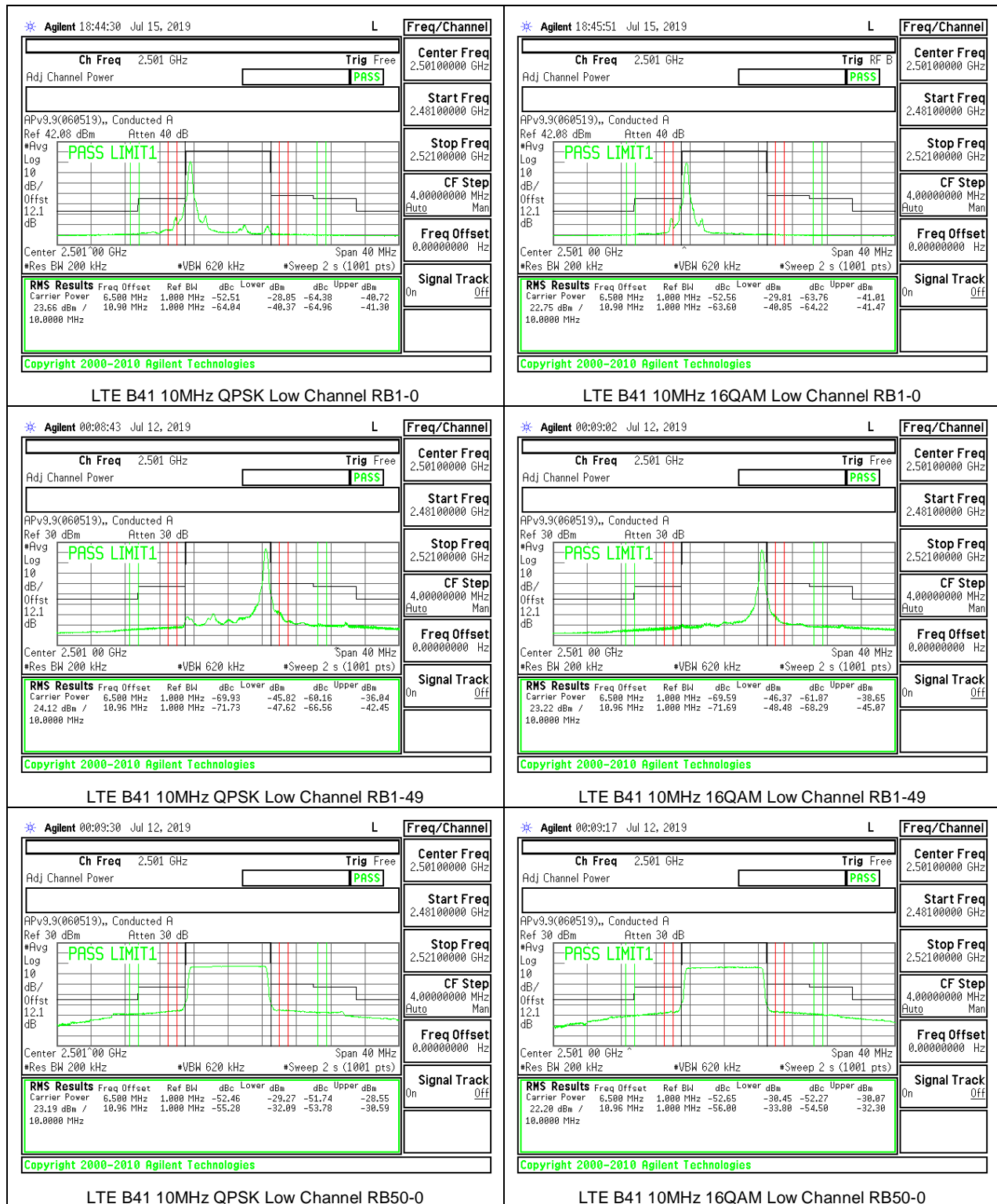


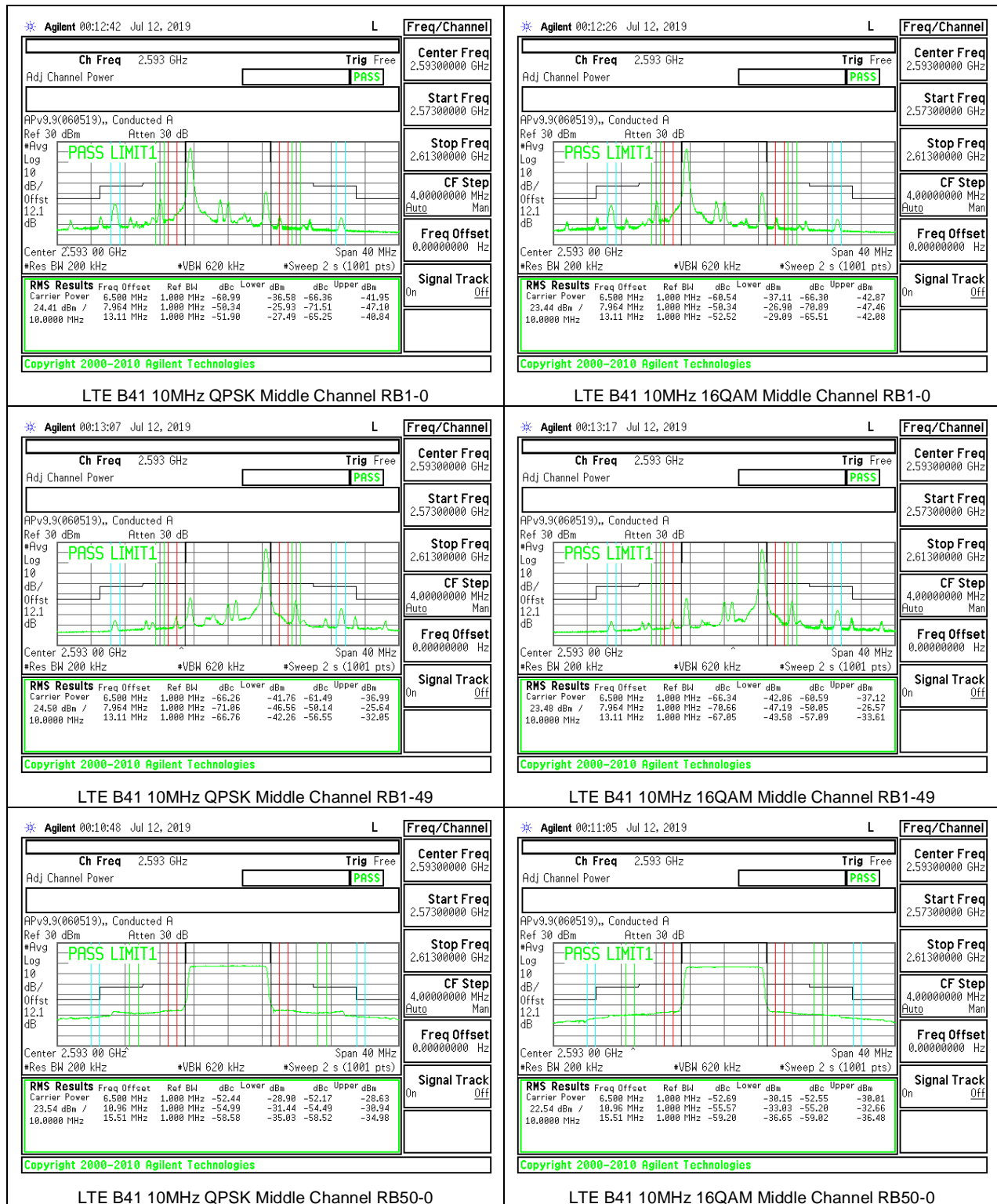
8.2.12. LTE BAND 41 ADJACENT CHANNEL POWER

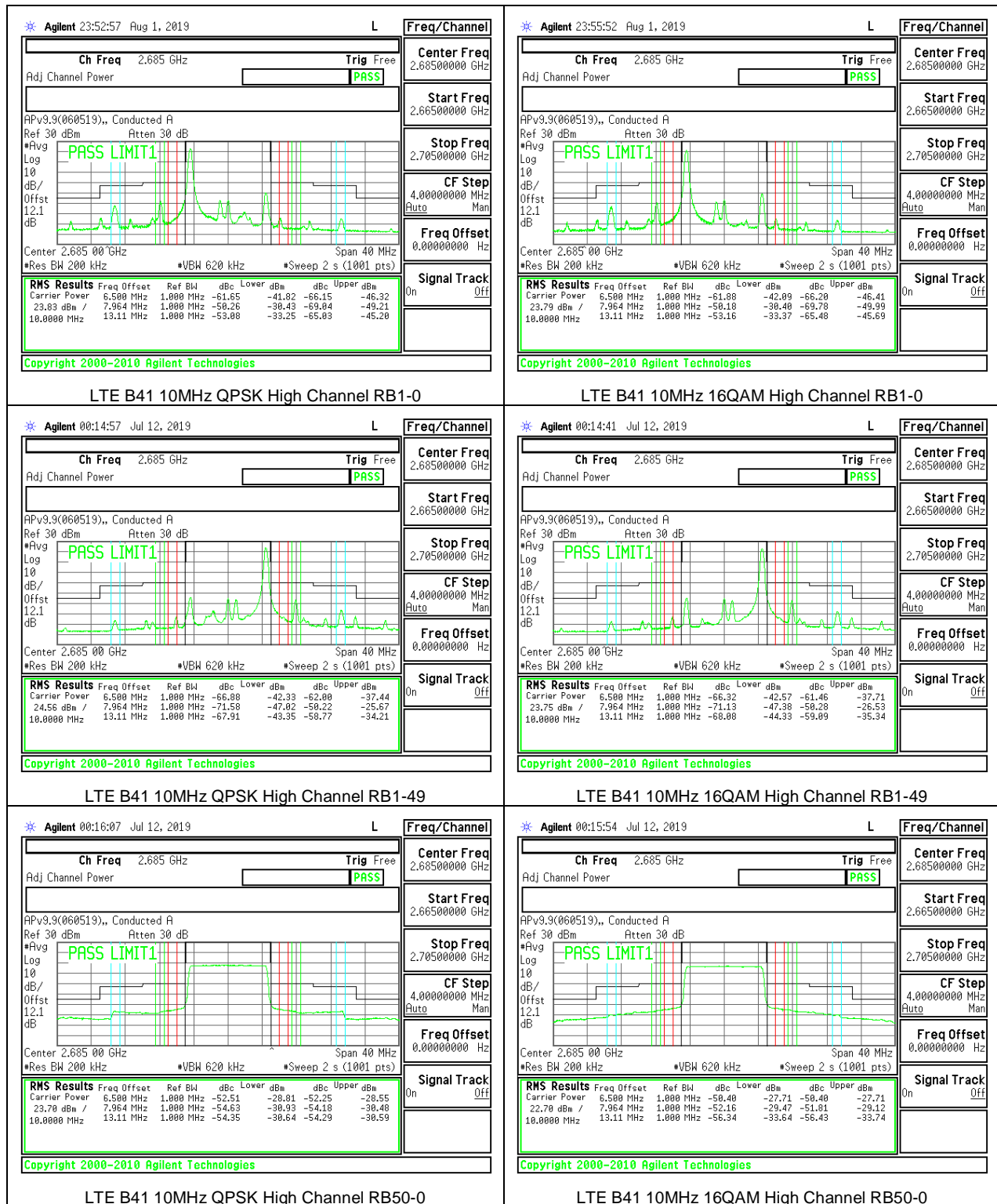


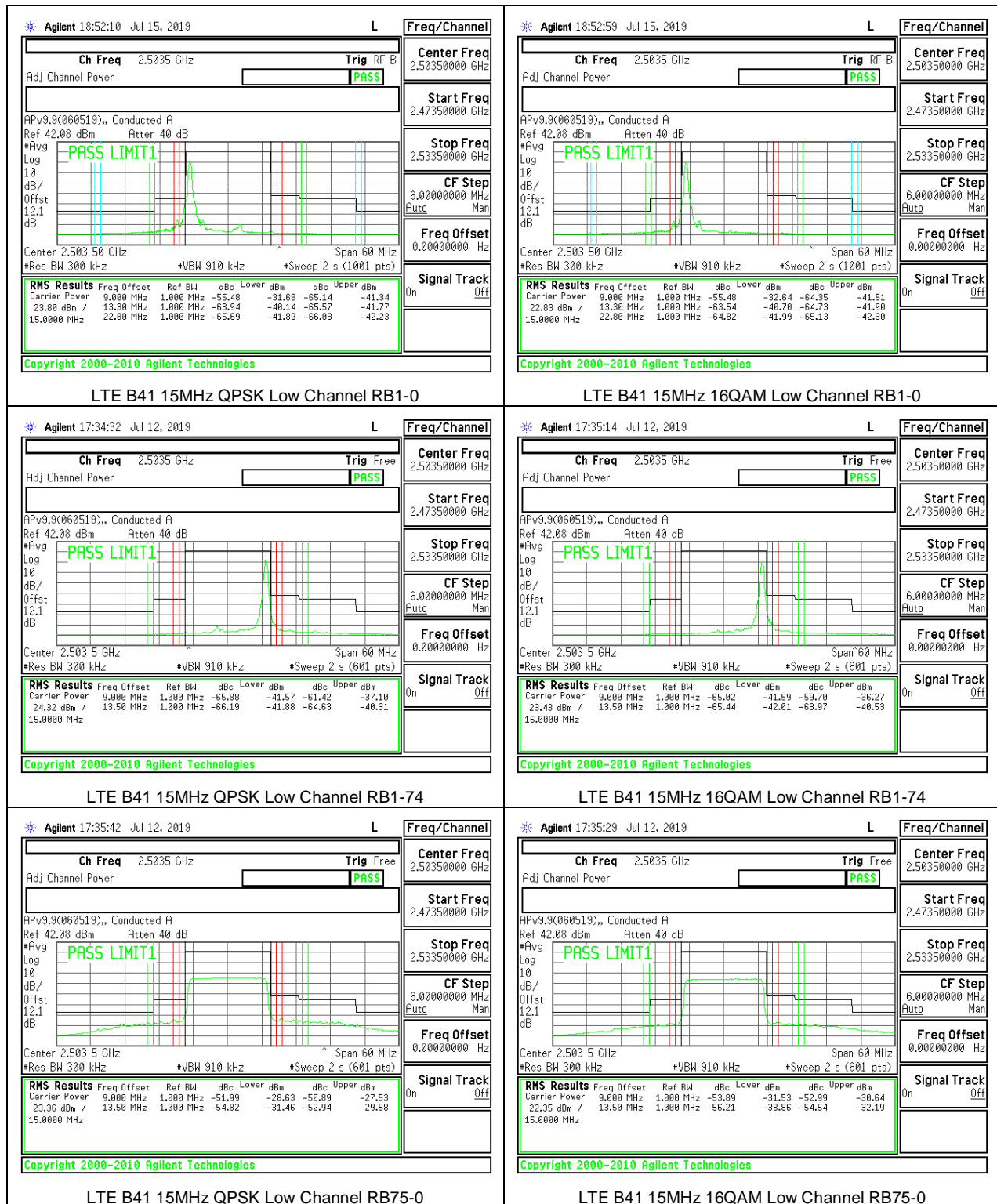


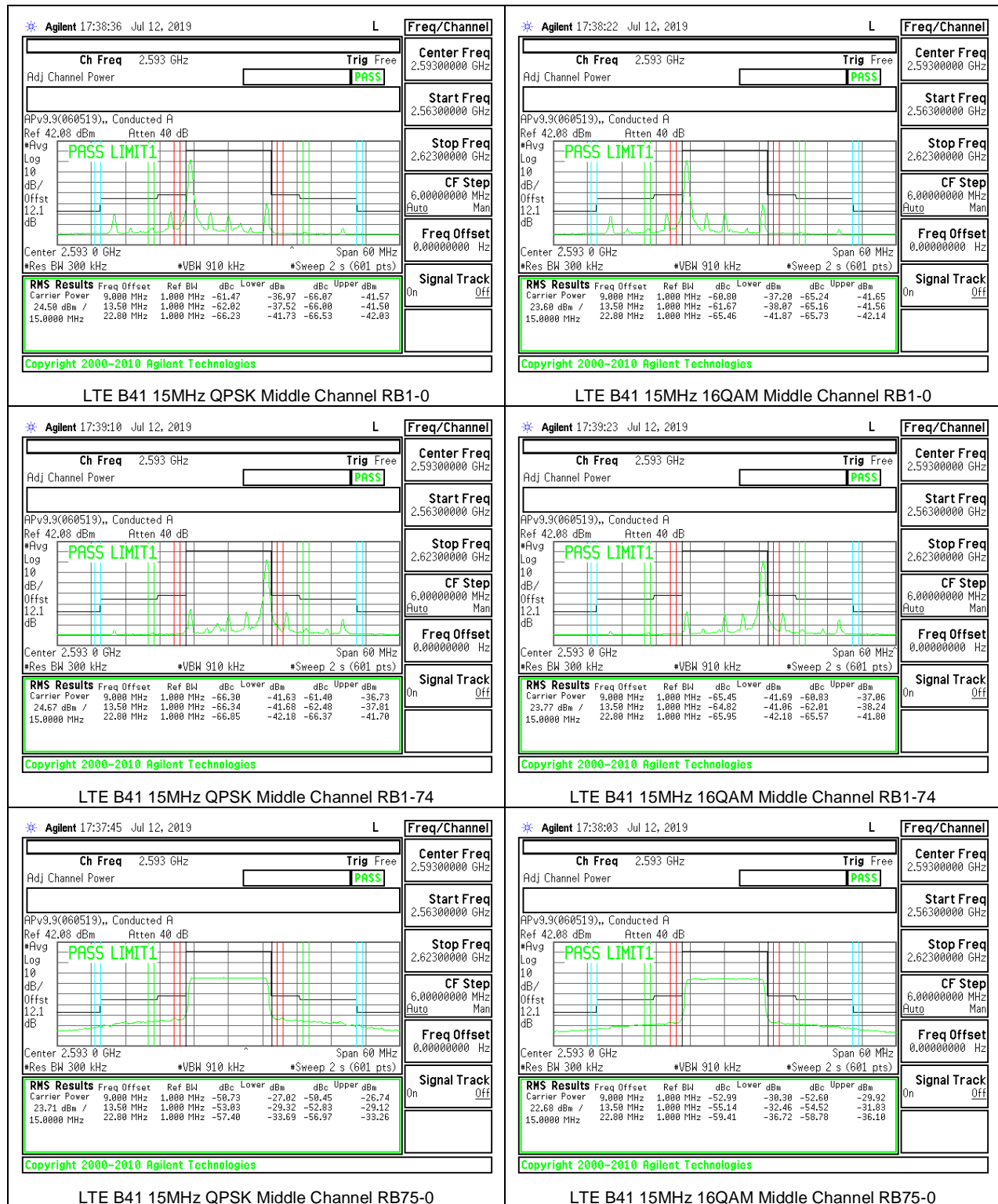


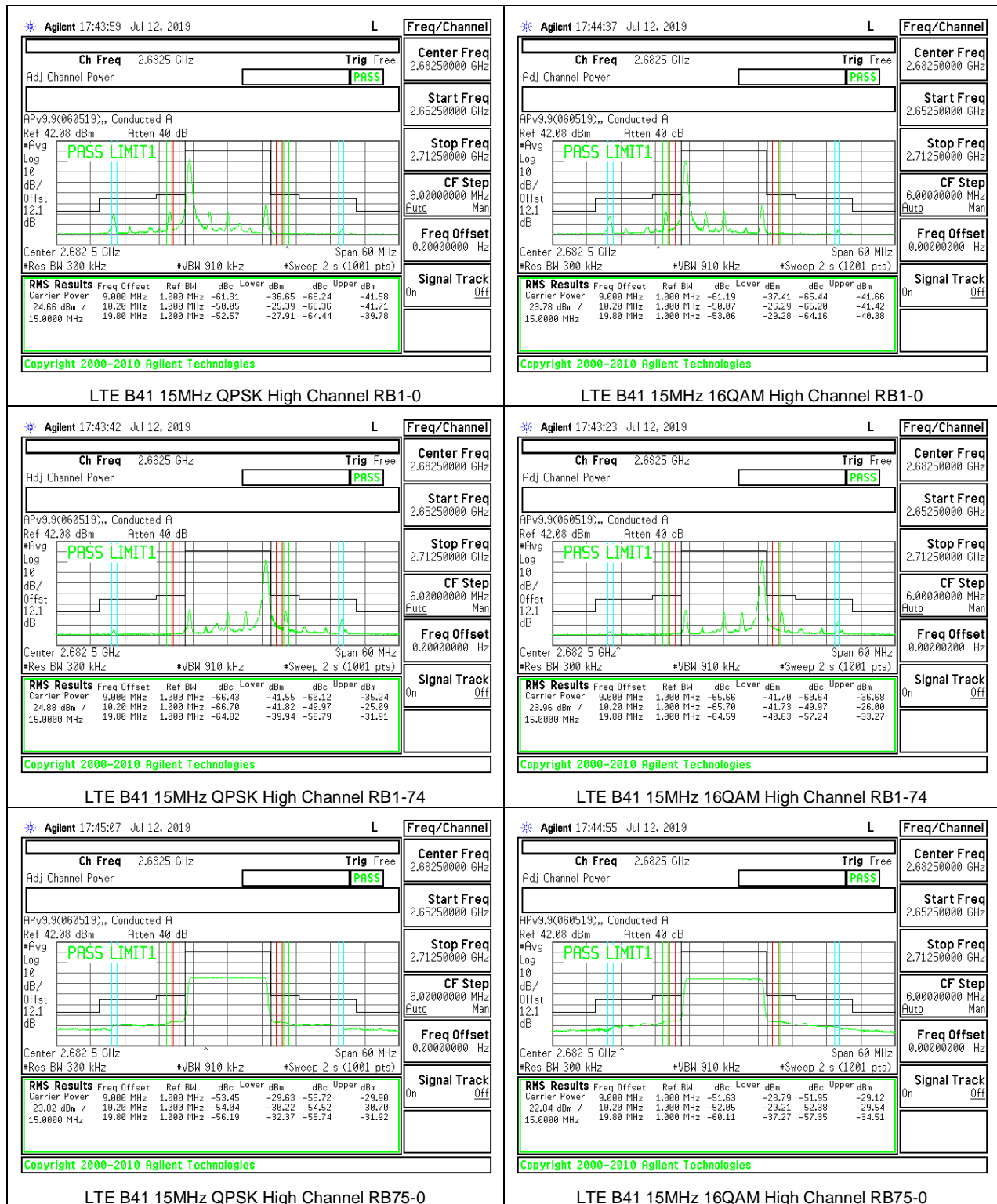




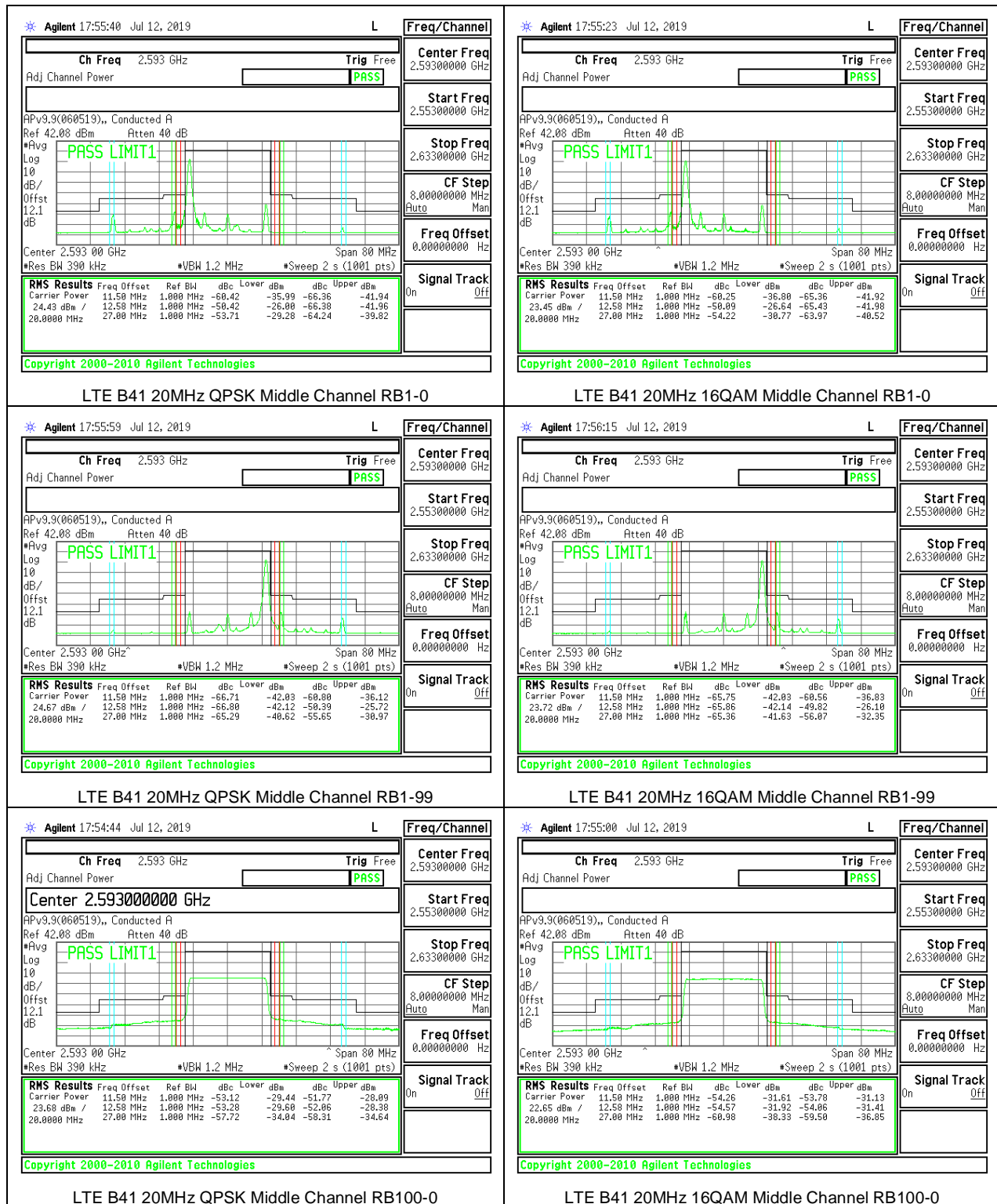


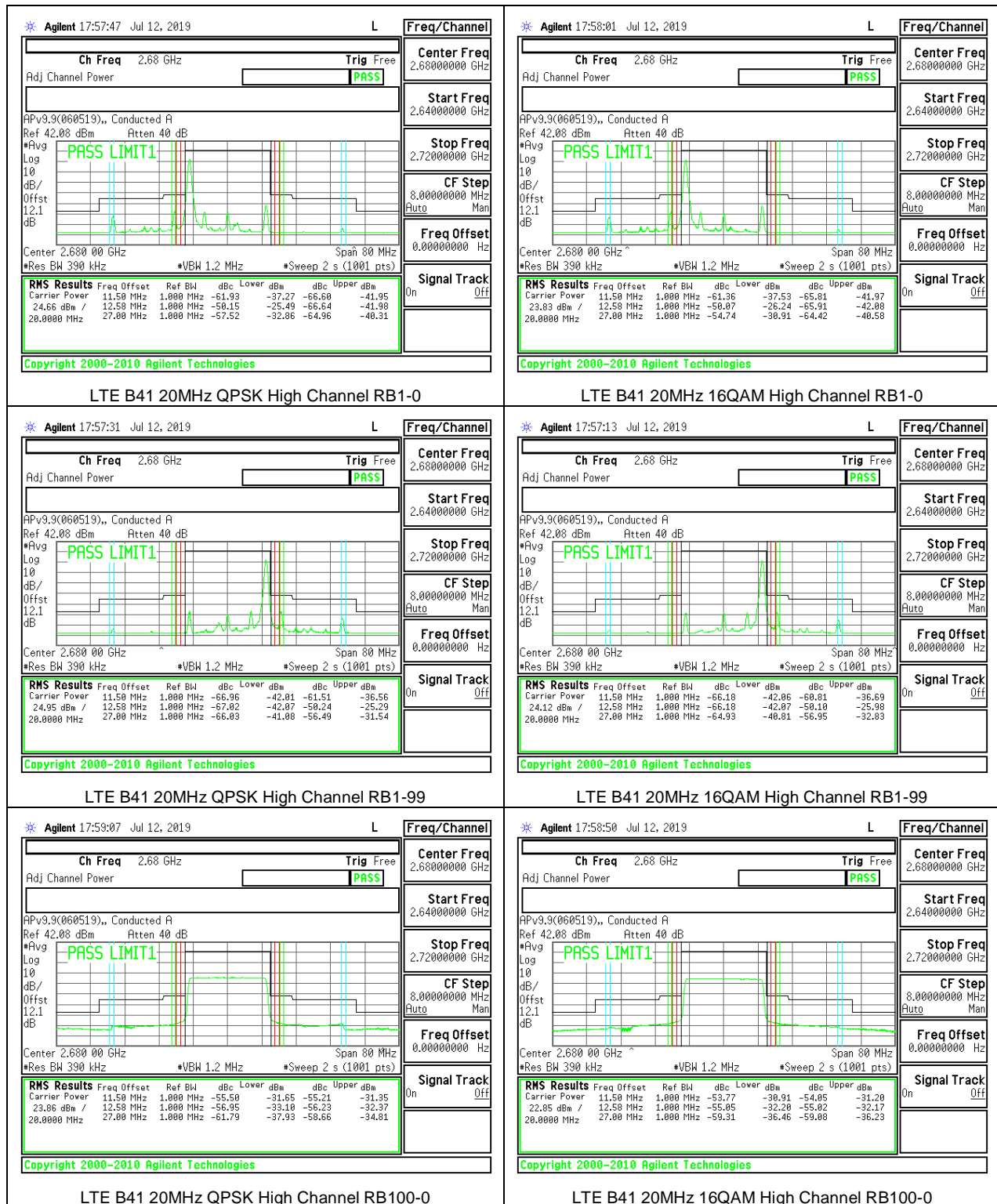




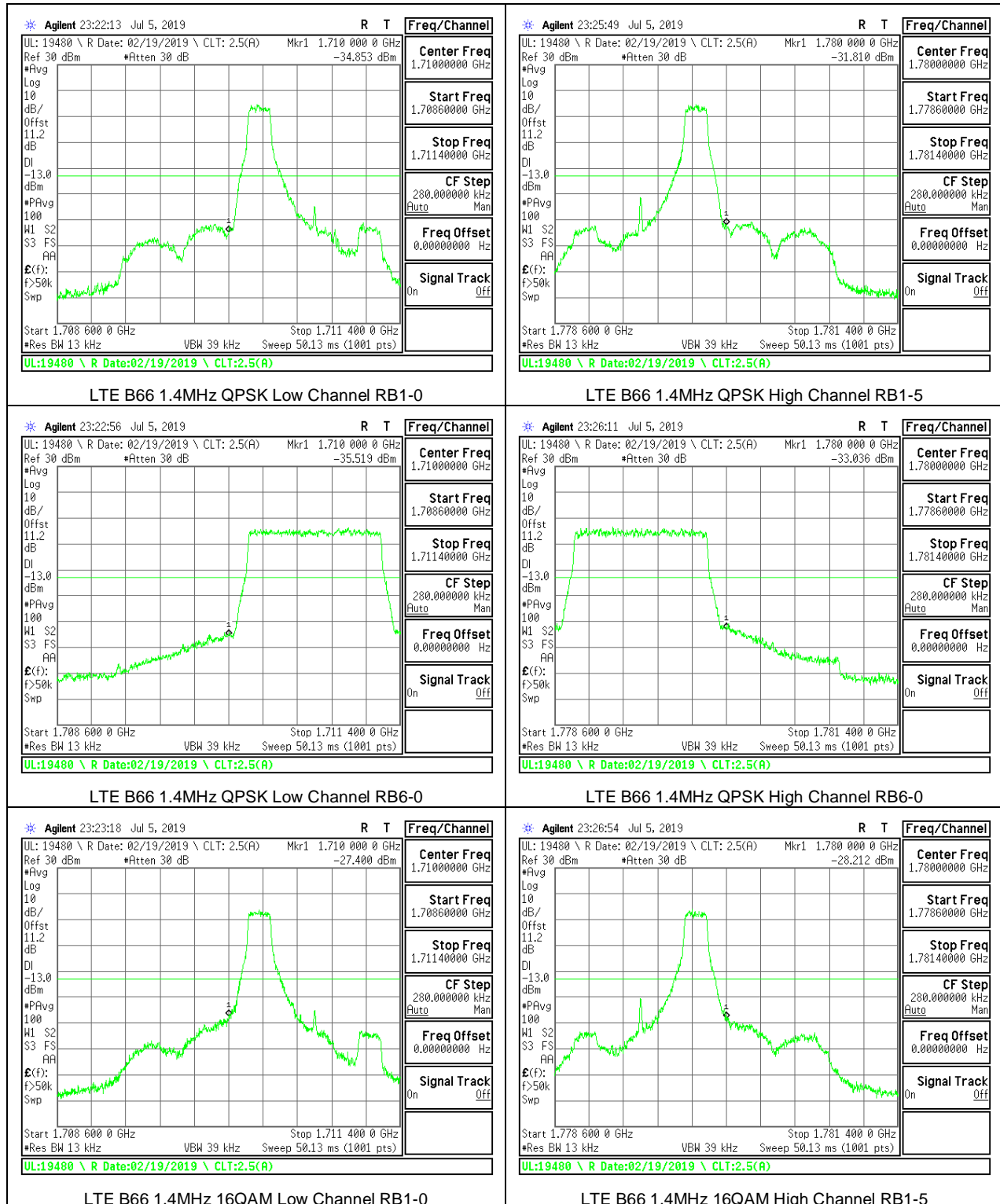


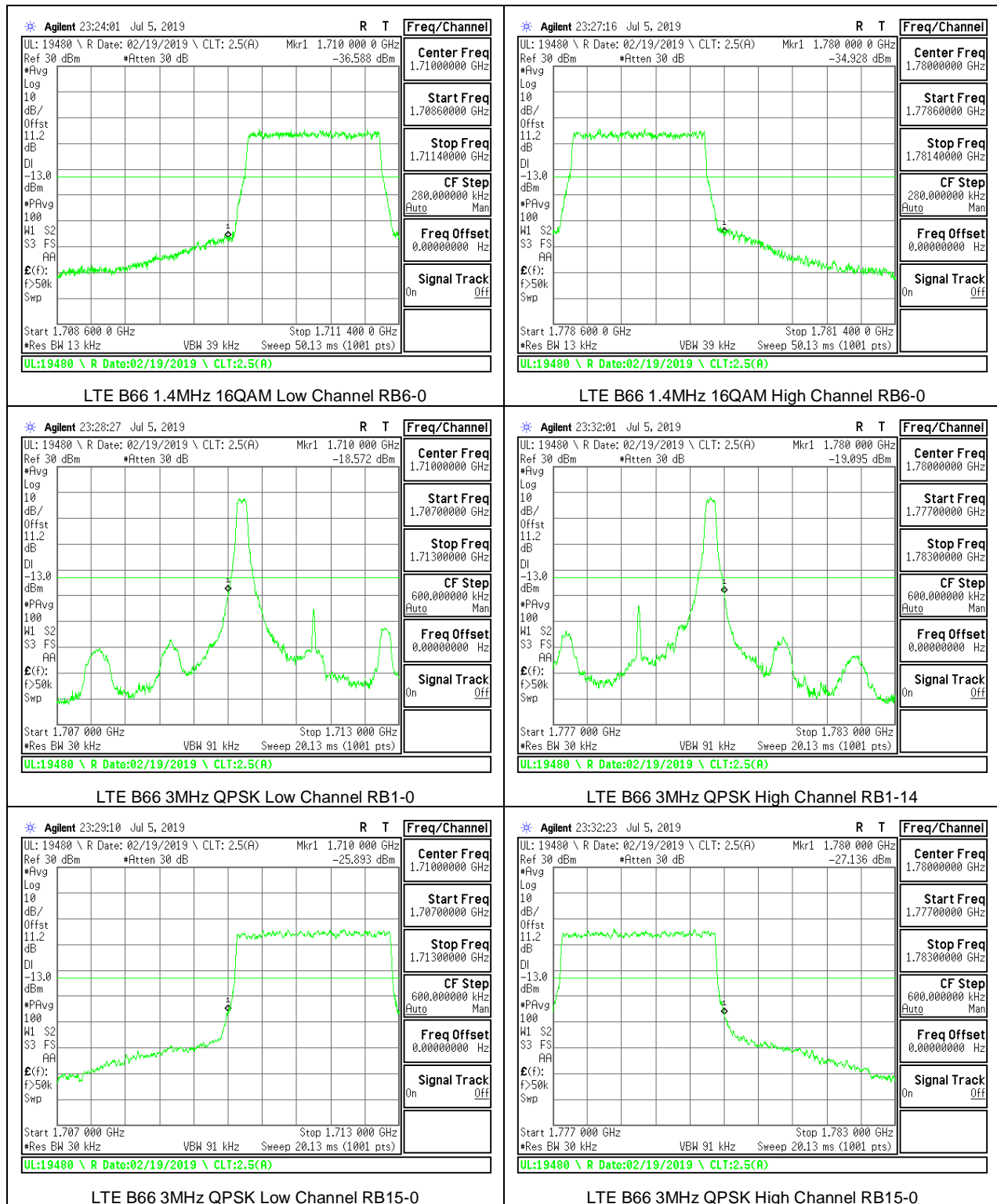


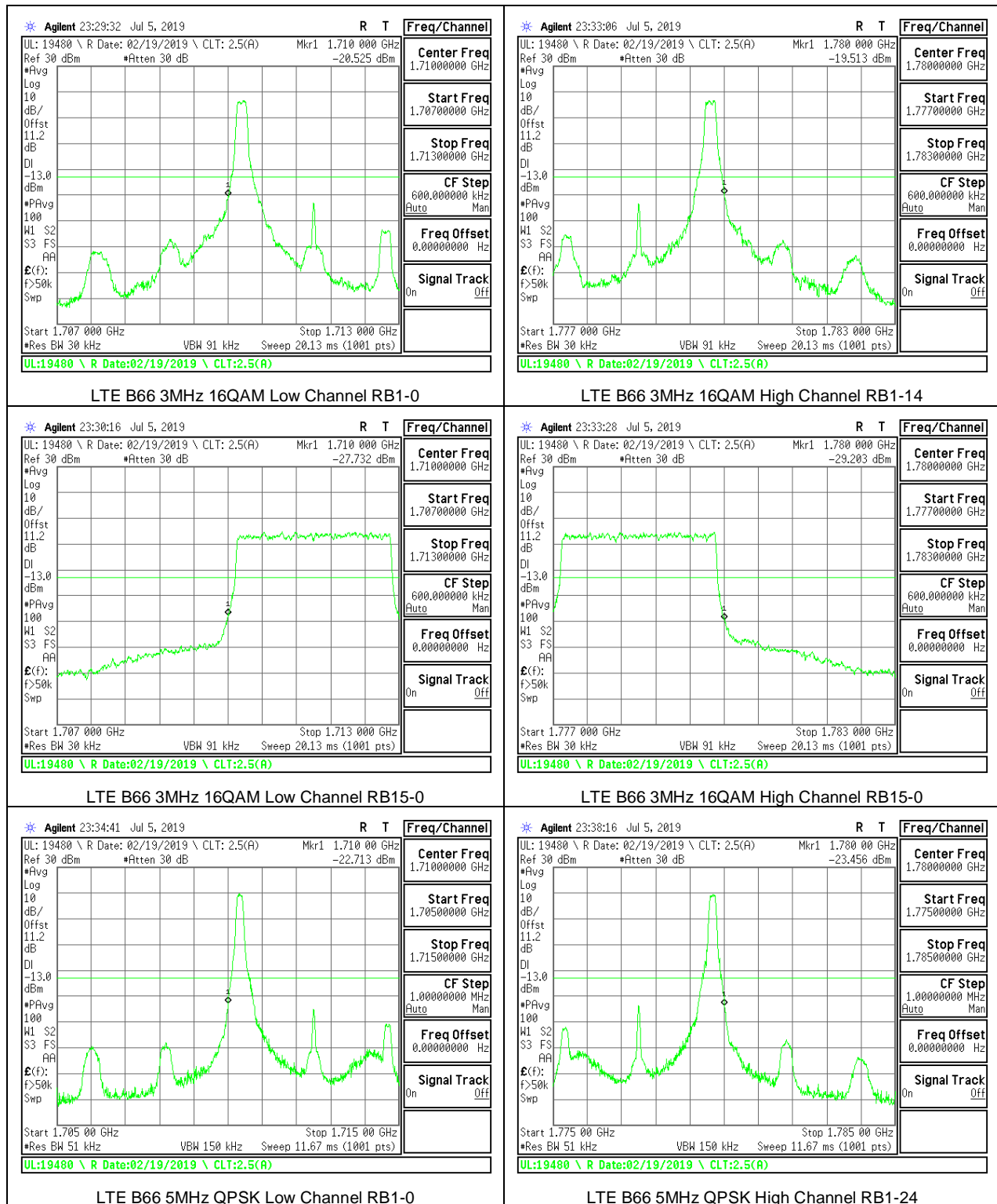


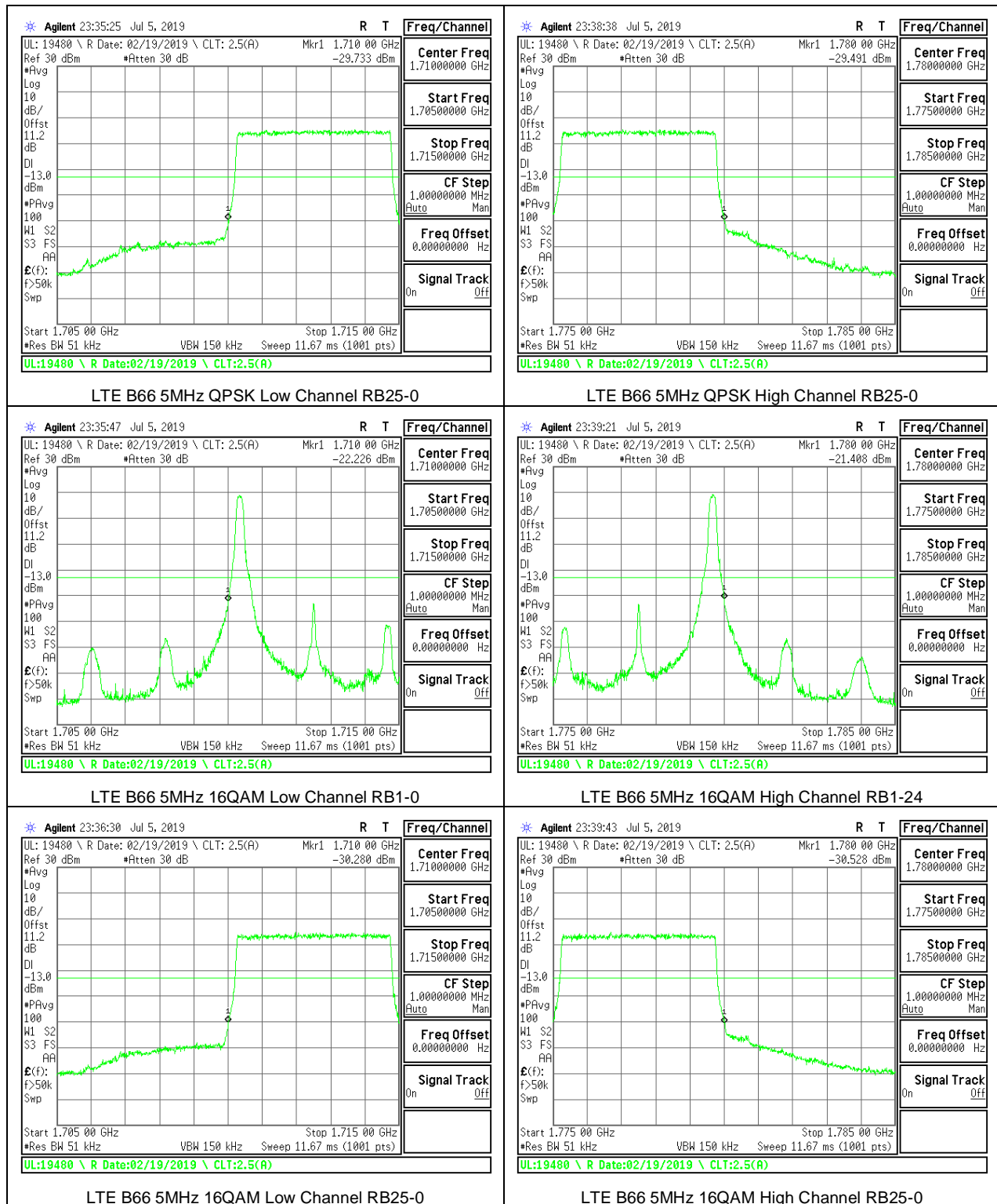


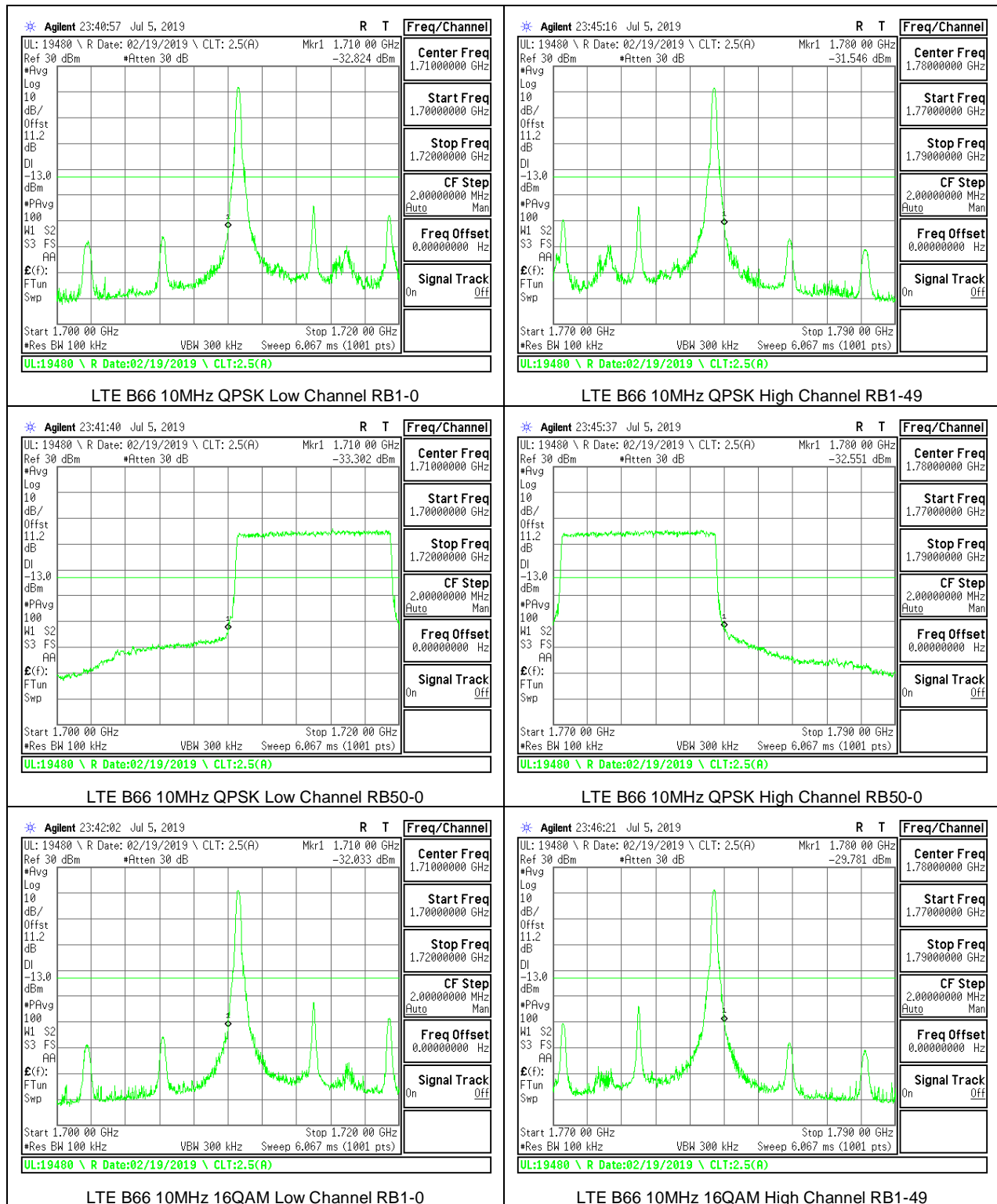
8.2.13. LTE BAND 66 BANDEDGE

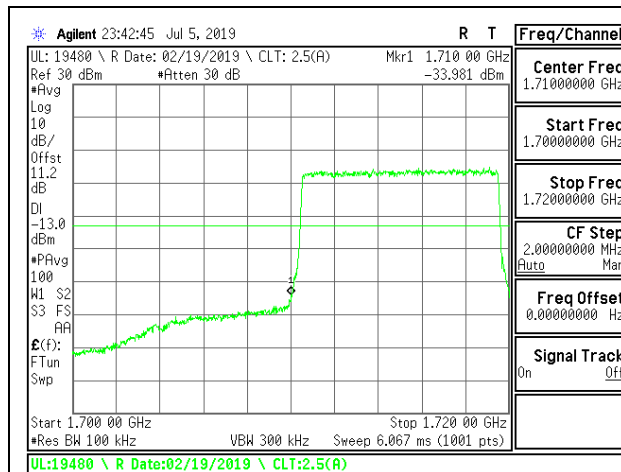




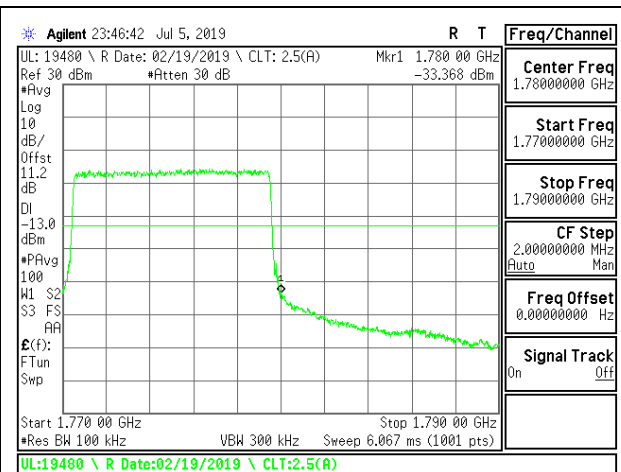




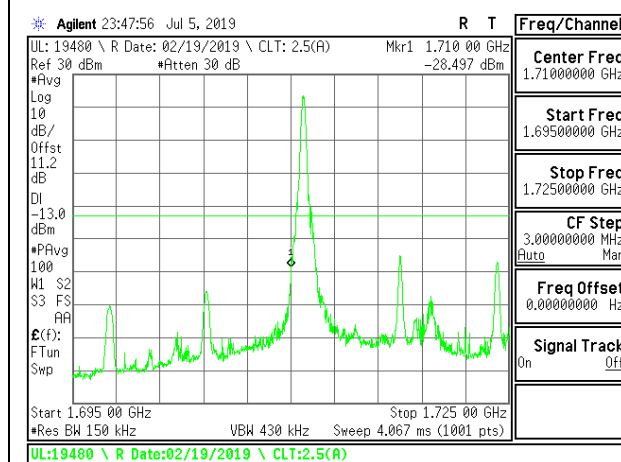




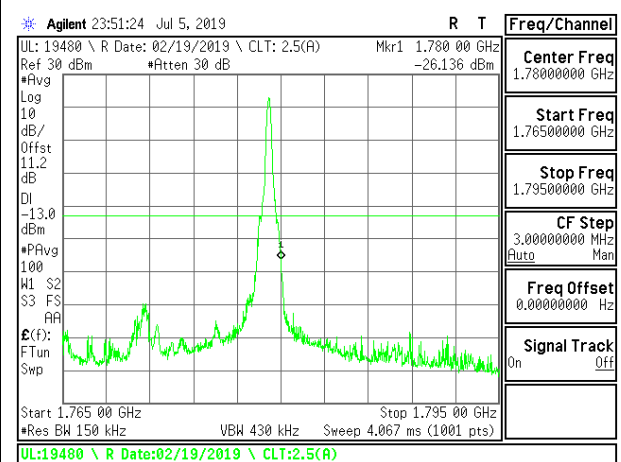
LTE B66 10MHz 16QAM Low Channel RB50-0



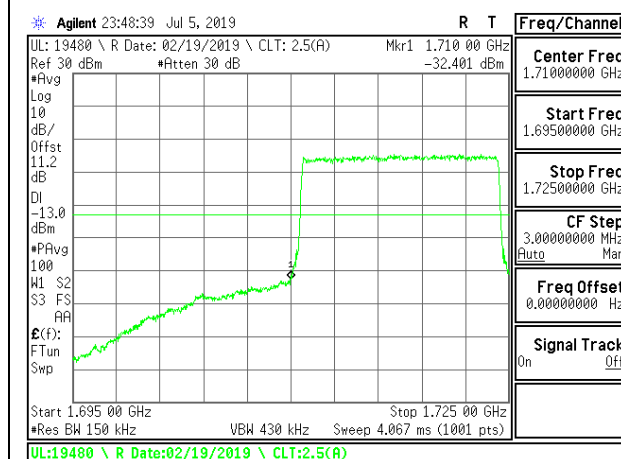
LTE B66 10MHz 16QAM High Channel RB50-0



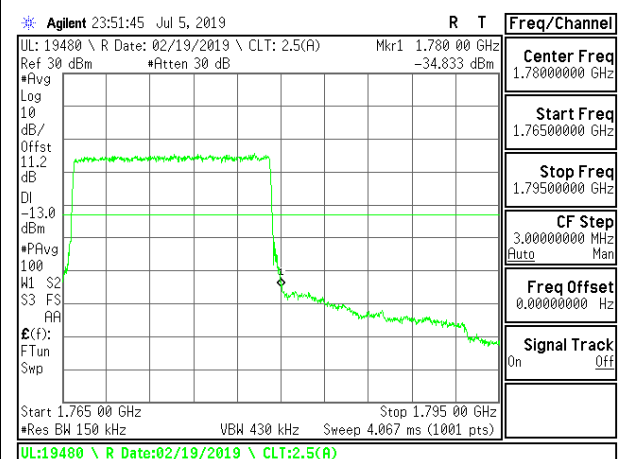
LTE B66 15MHz QPSK Low Channel RB1-0



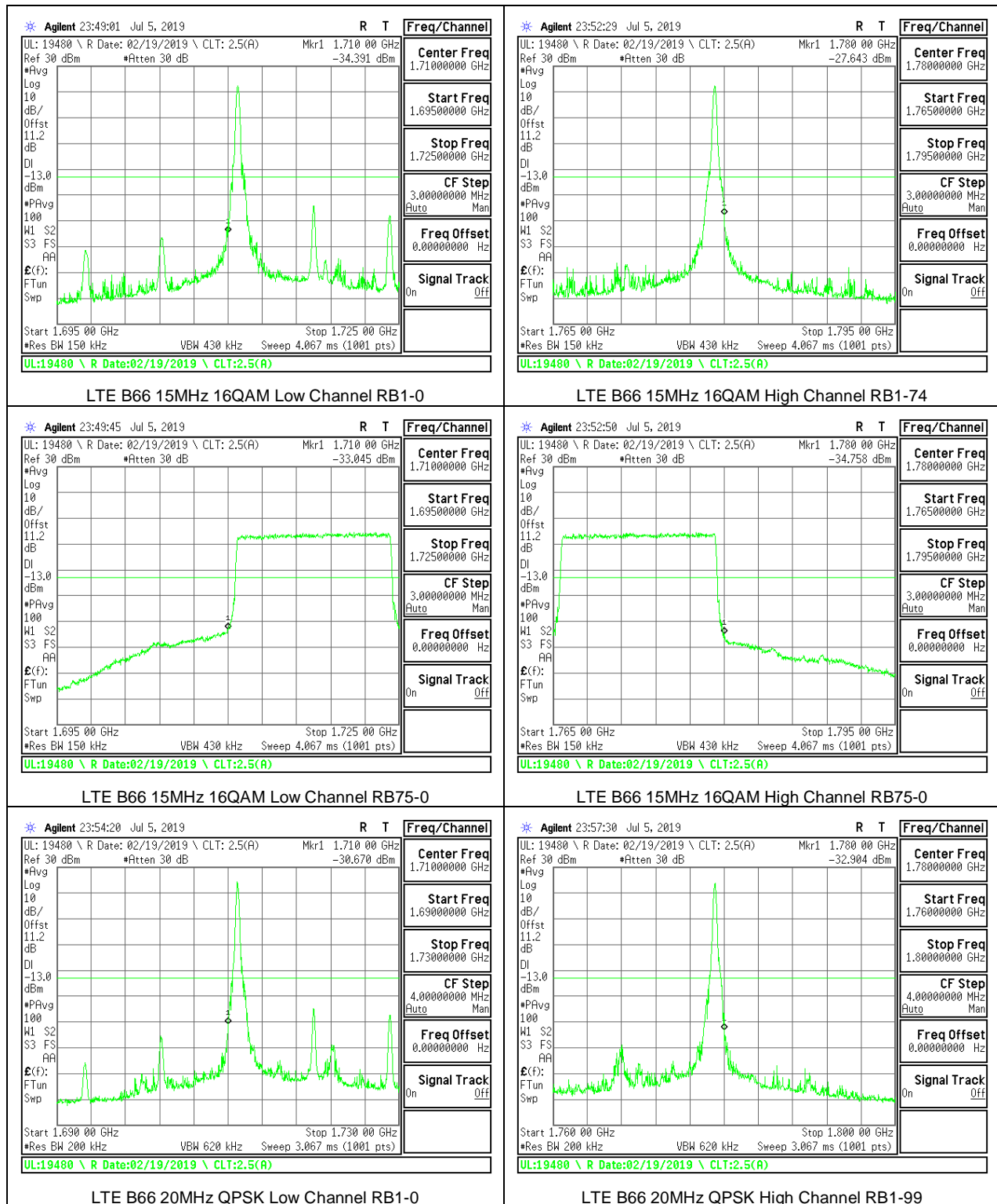
LTE B66 15MHz QPSK High Channel RB1-74

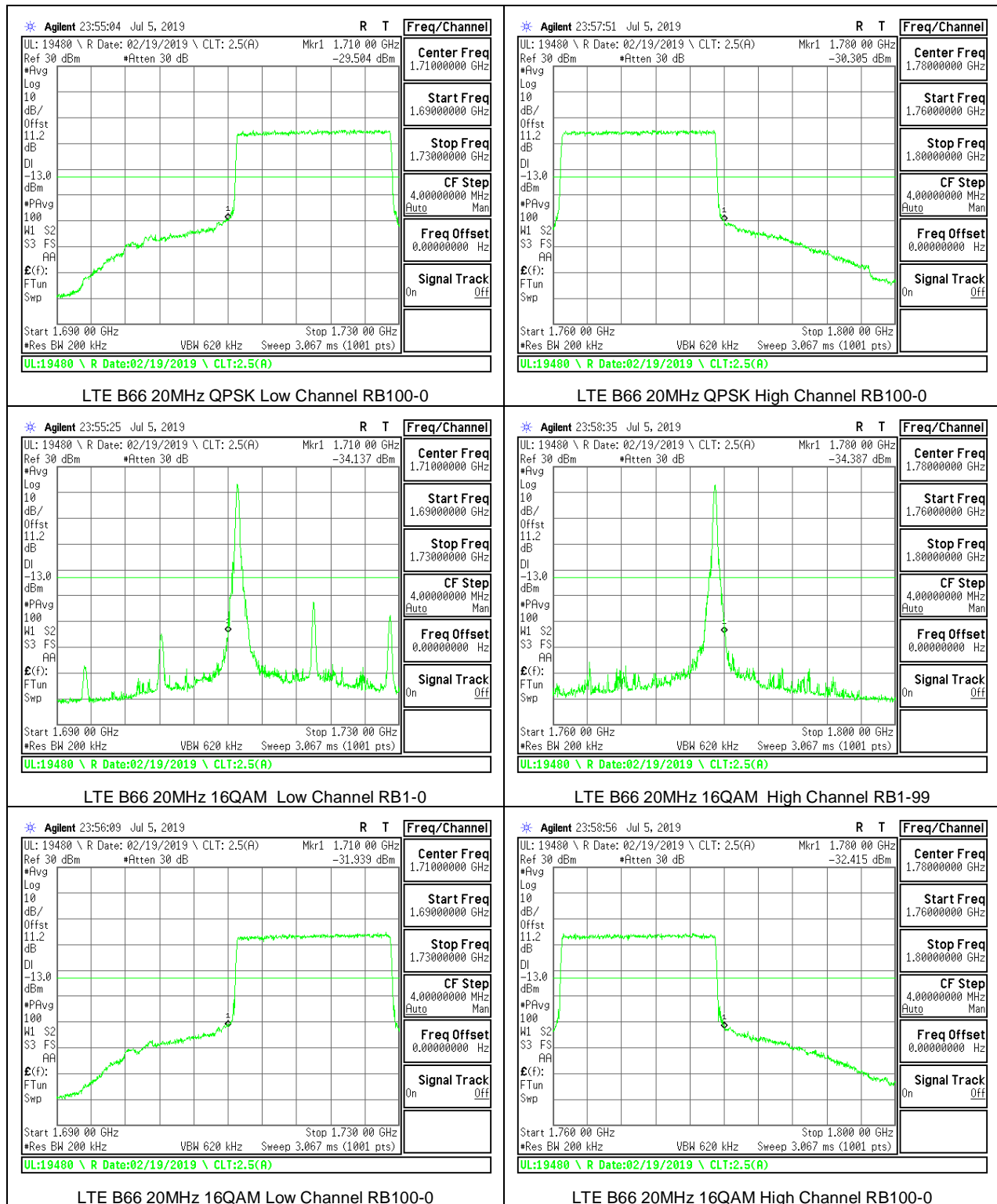


LTE B66 15MHz QPSK Low Channel RB75-0



LTE B66 15MHz QPSK High Channel RB75-0





8.3. OUT OF BAND EMISSIONS

RULE PART(S)

FCC: §2.1051, §22.901, §22.917, §24.238, §27.53, §90.691, §90.543

LIMITS

FCC: §22.917, §24.238, §27.53 (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 (c), (f) (Band 13)

The minimum permissible attenuation level of any spurious emissions is $43 + 10 \log (P)$ dB where transmitting power (P) in Watts. The band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth.

Note: Radiated data in section 9.1.6 confirms a compliance with narrowband limits for GPS1559-1610 MHz band.

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.

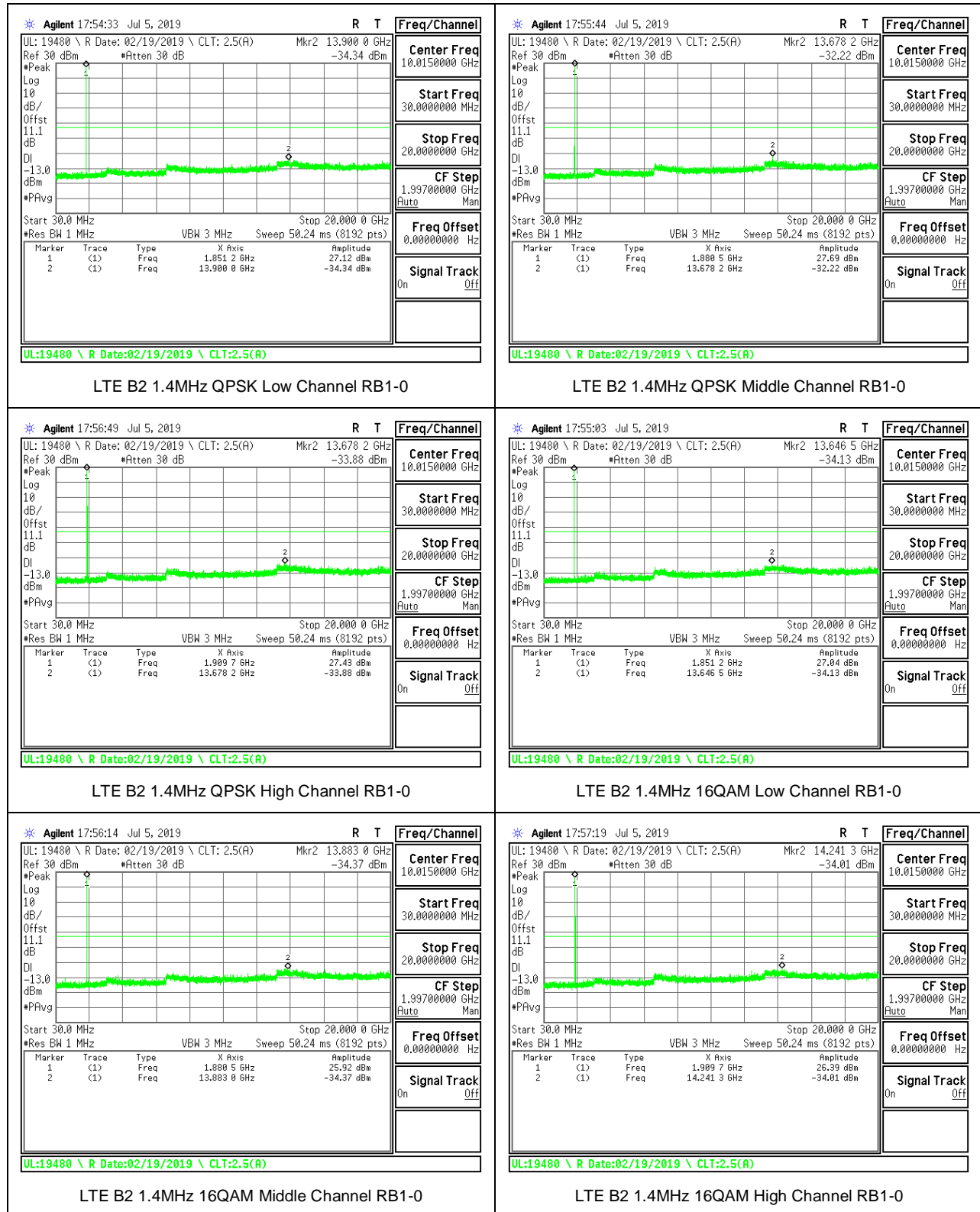
For each out of band emissions measurement:

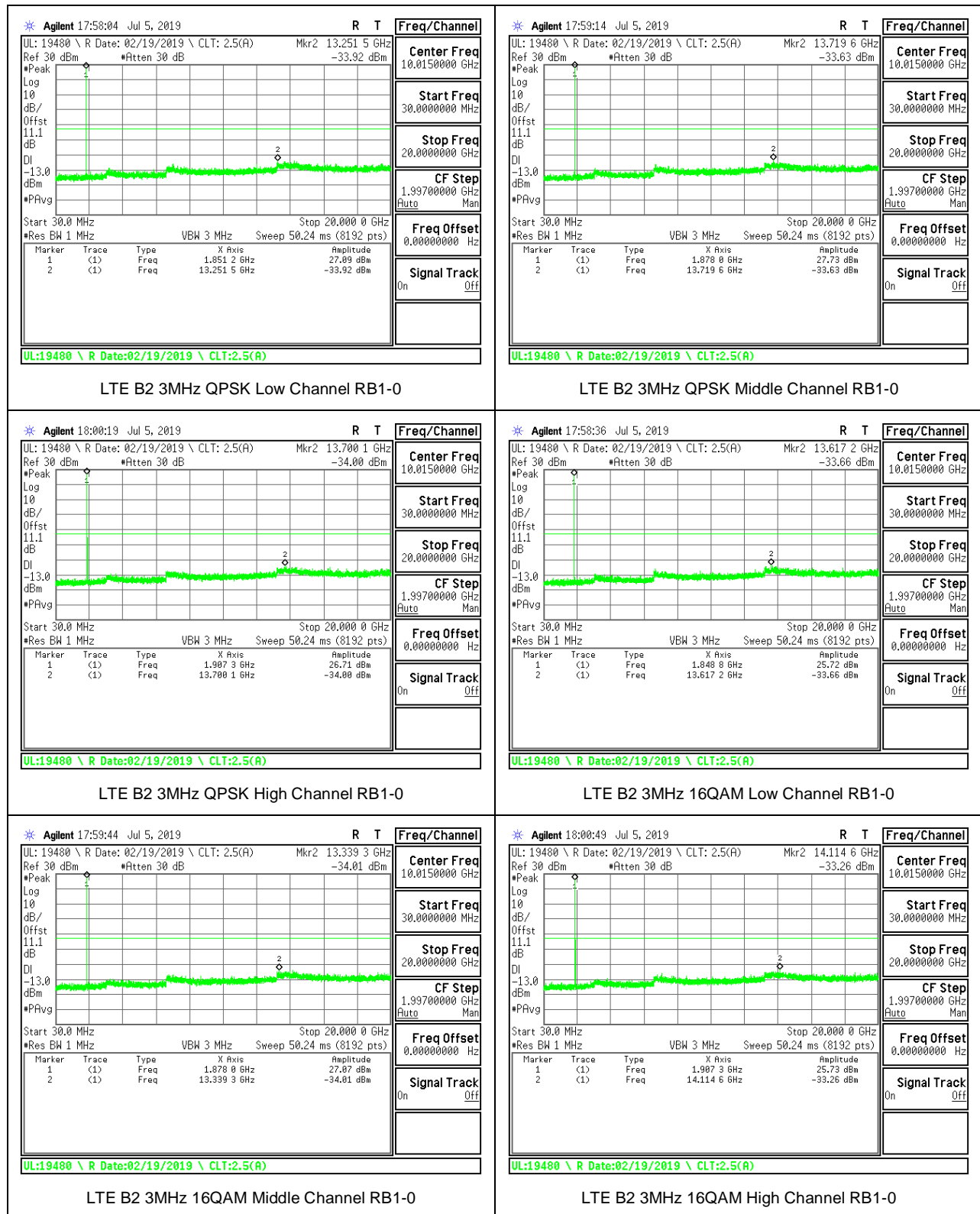
- Set display line at -13 dBm, -25 dBm and -40 dBm according to the band Limit
- Set RBW & VBW to 100 kHz for the measurement below 1 GHz, and 1 MHz for the measurement above 1 GHz.
(NOTE: Worst case set RBW/VBW to 1MHz/3MHz)

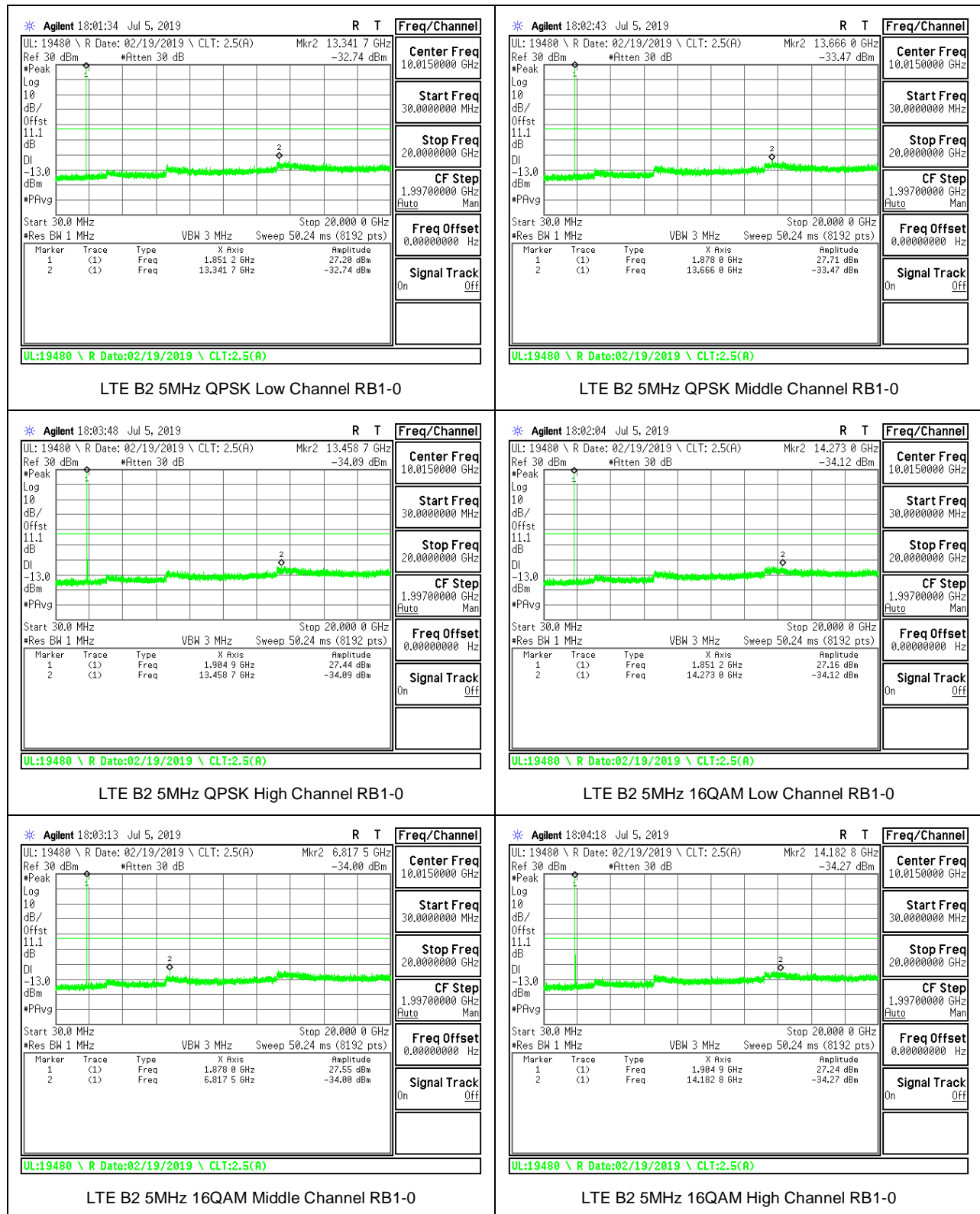
MODES TESTED

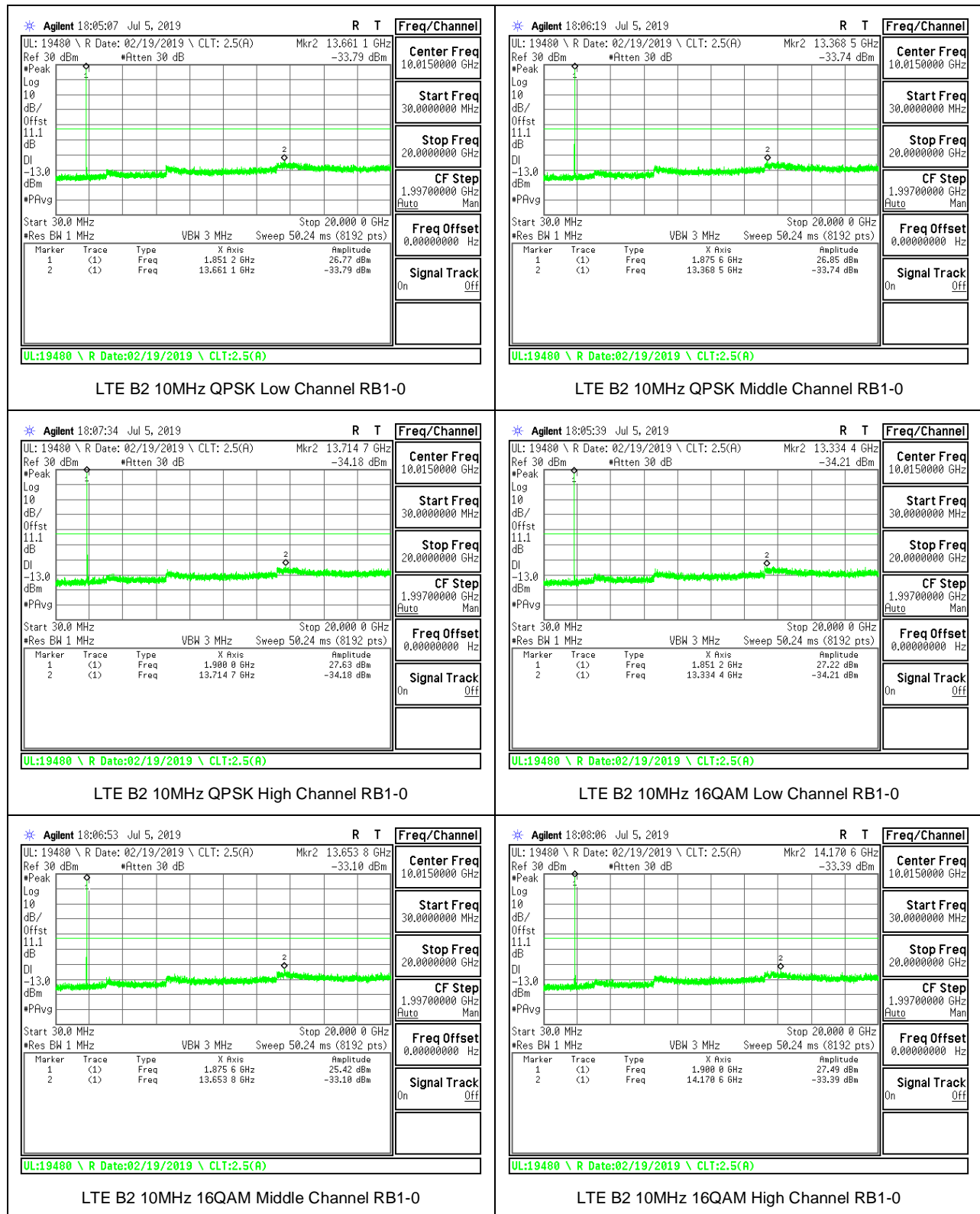
- LTE Band 2
- LTE Band 4
- LTE Band 5
- LTE Band 7
- LTE Band 12
- LTE Band 13
- LTE Band 14
- LTE Band 25
- LTE Band 26
- LTE Band 30
- LTE Band 41
- LTE Band 66

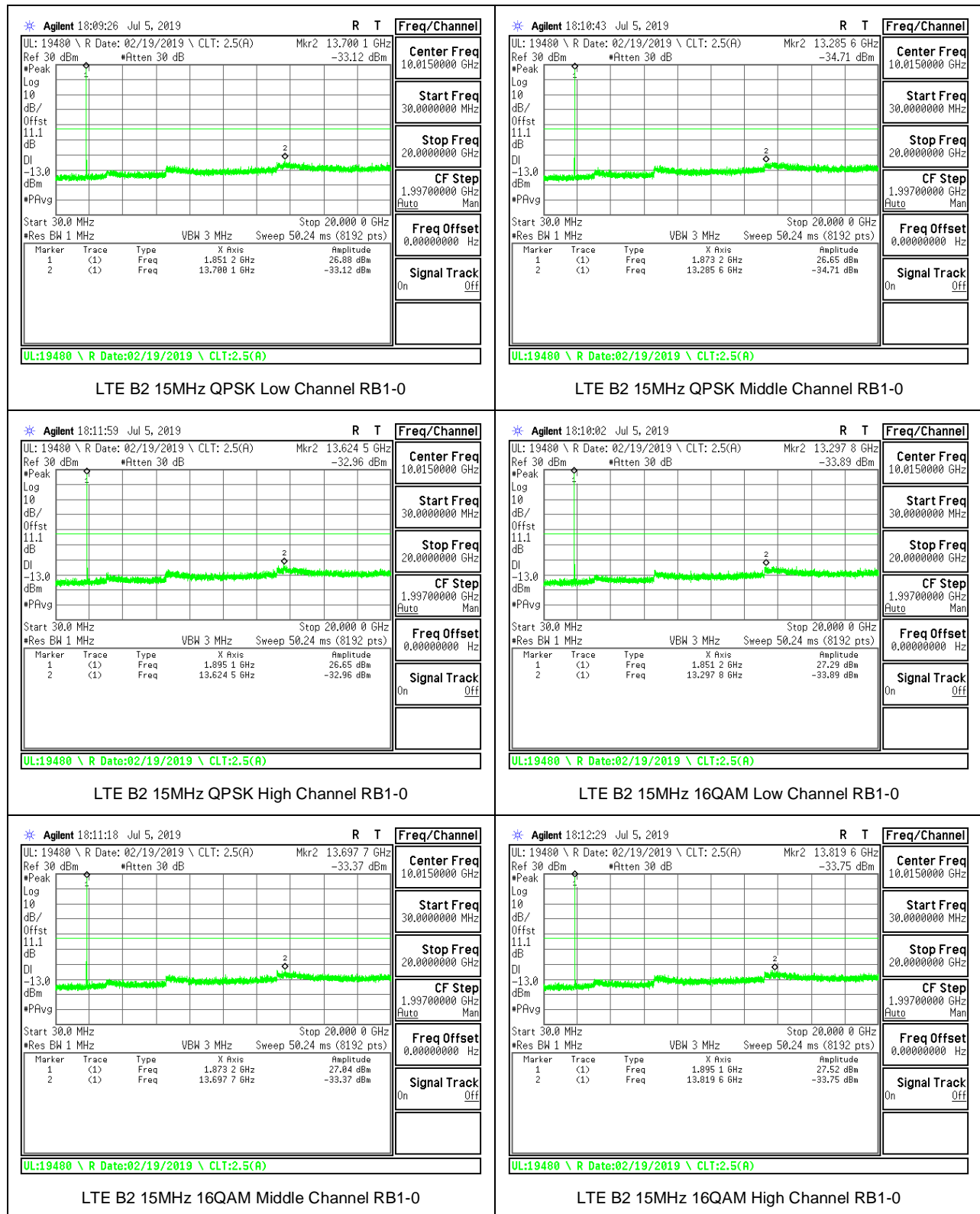
8.3.1. LTE BAND 2

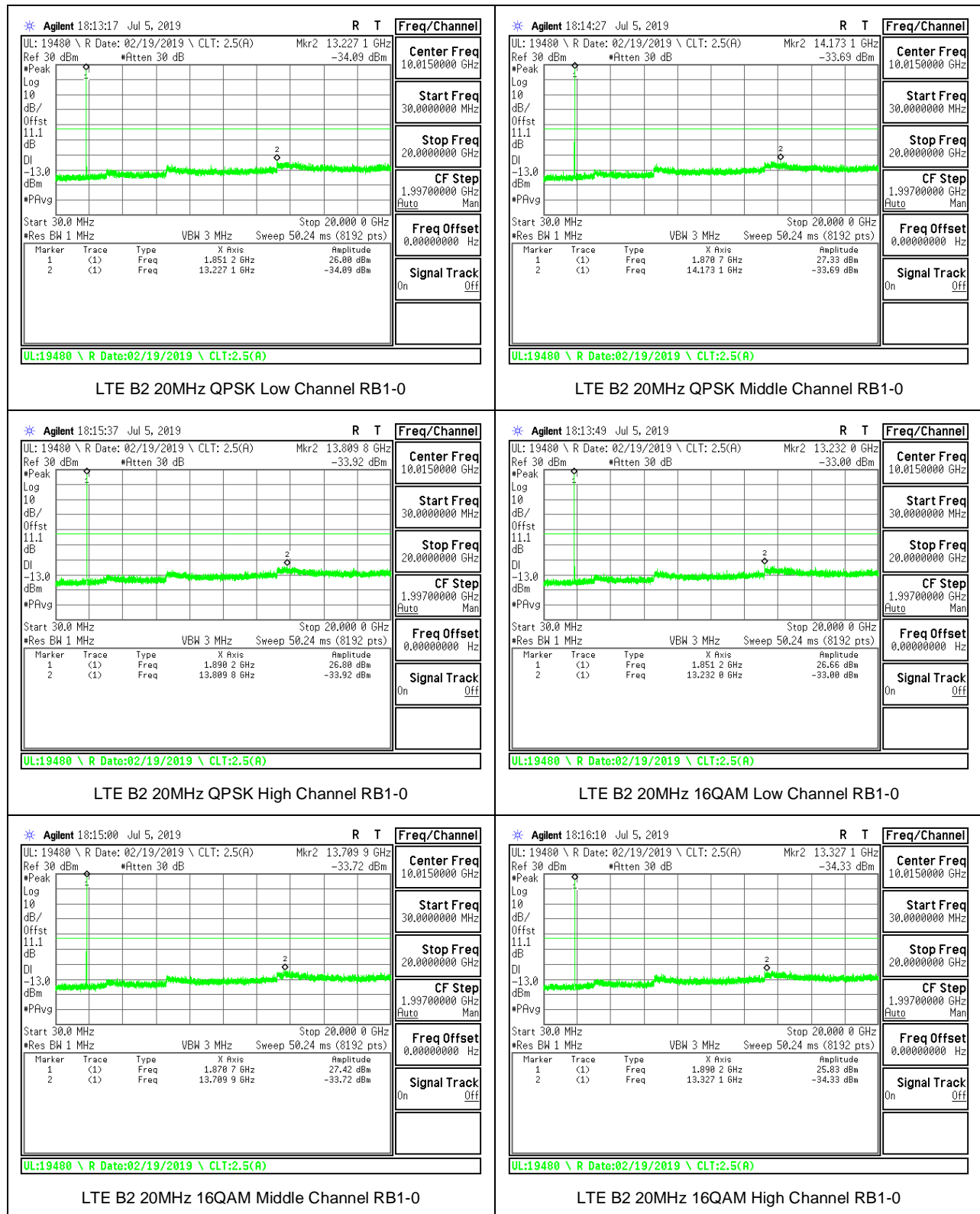




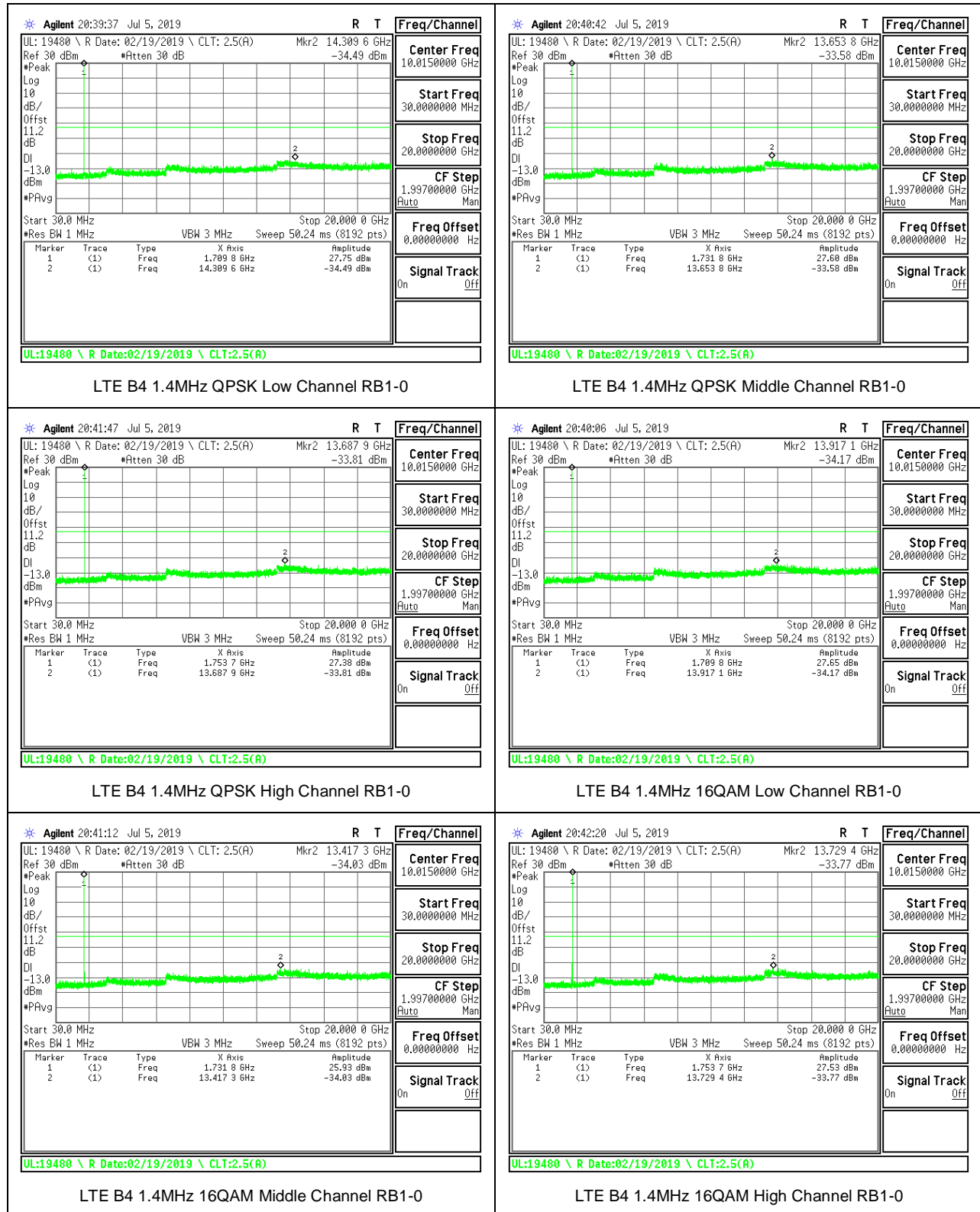


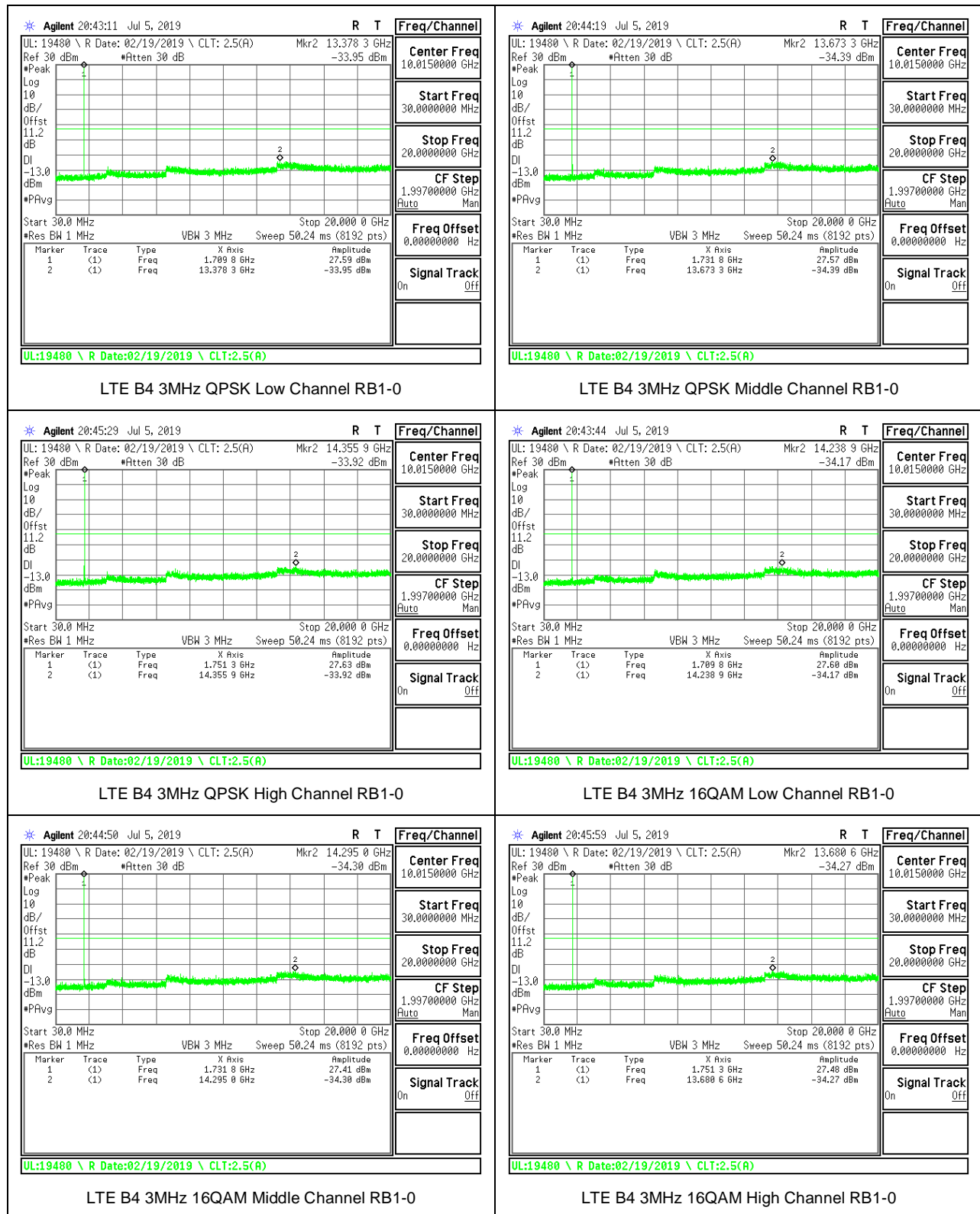


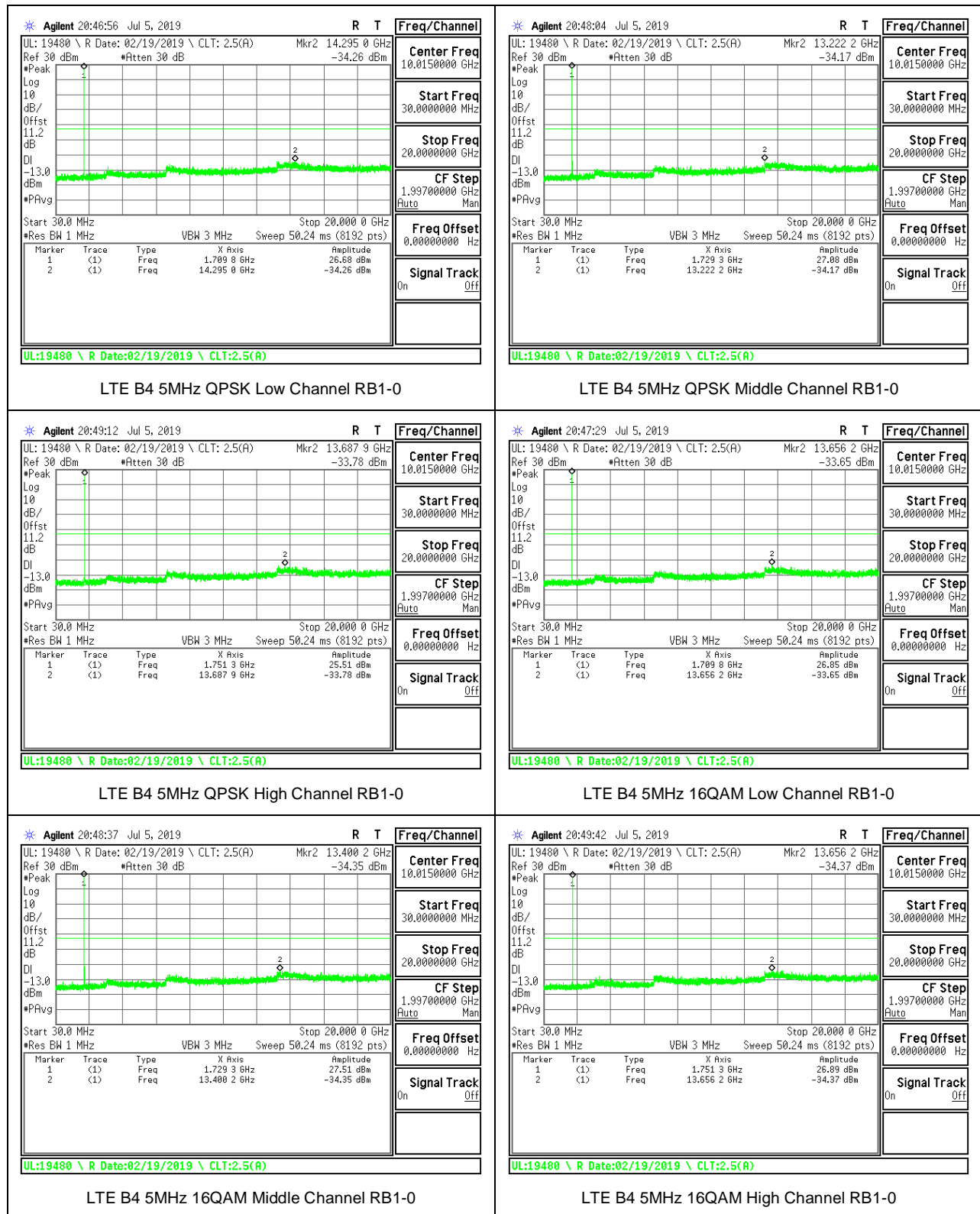


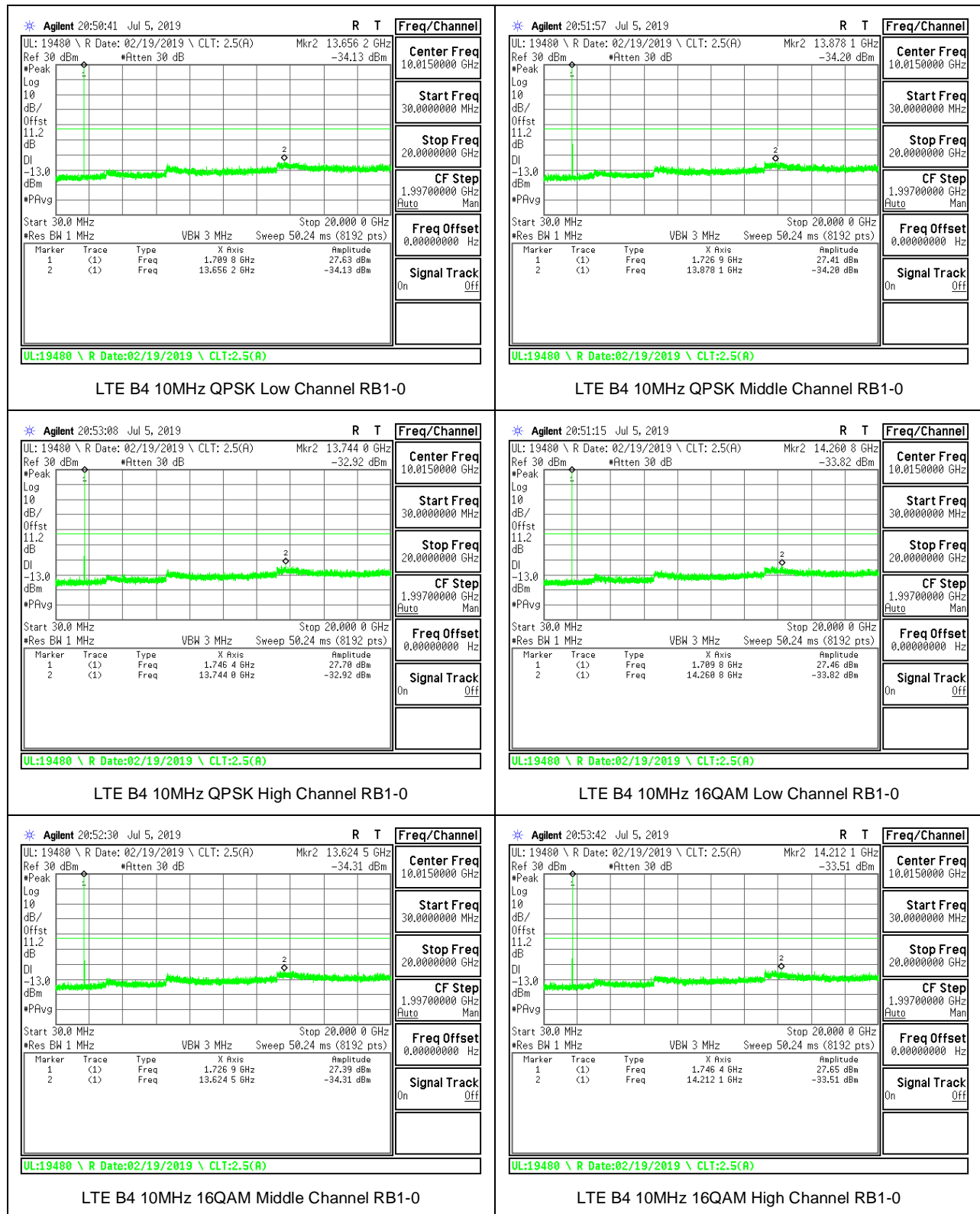


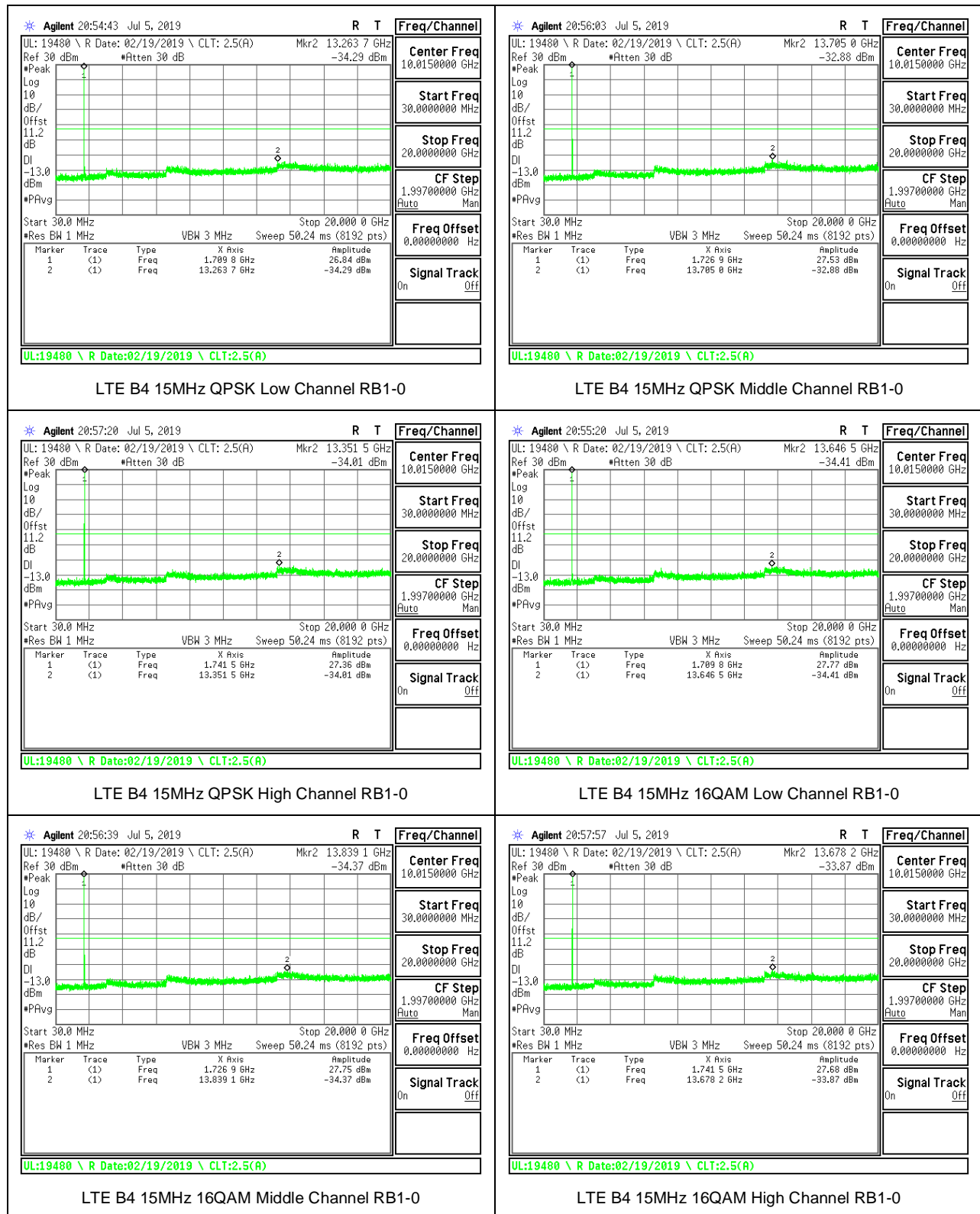
8.3.2. LTE BAND 4

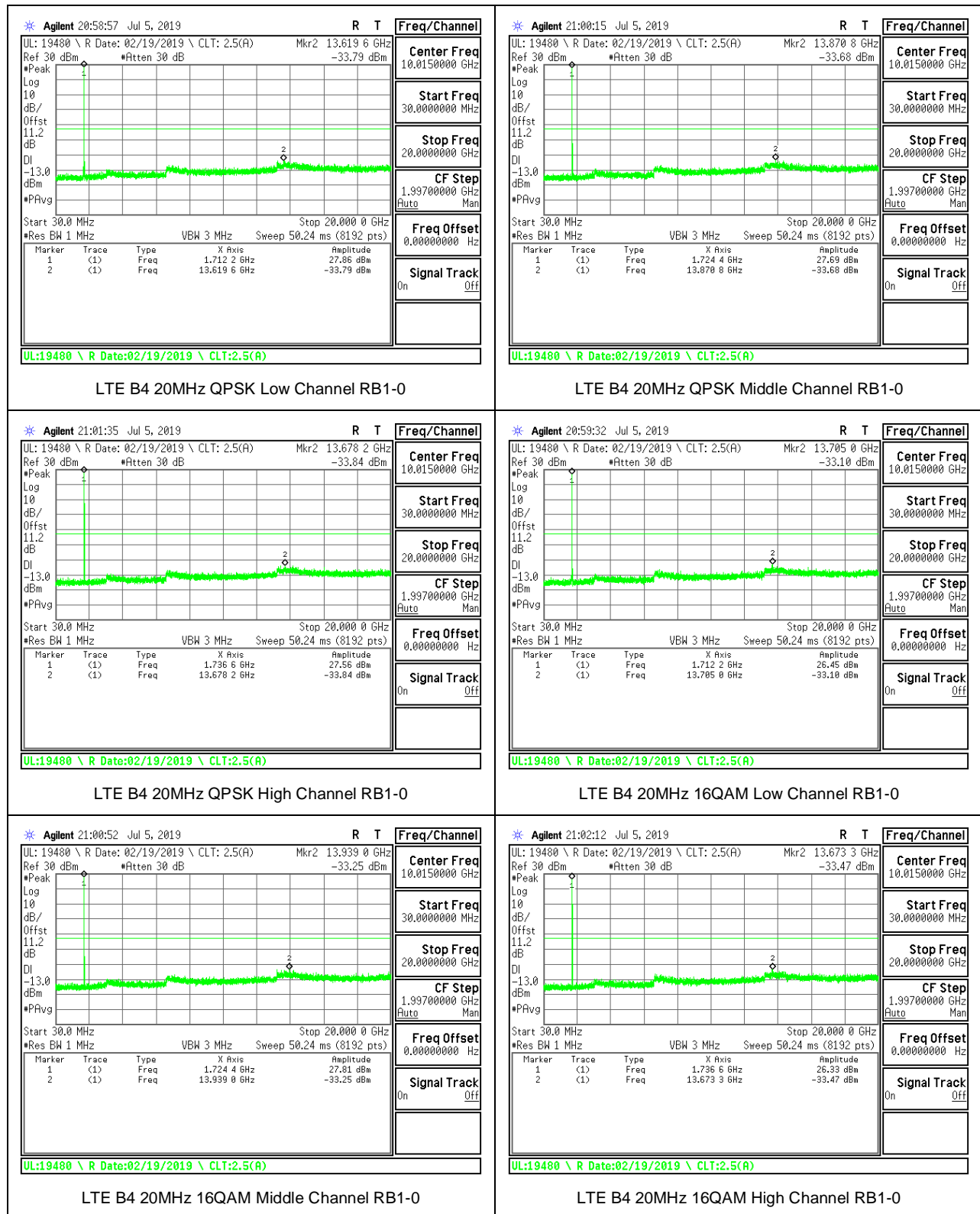












8.3.3. LTE BAND 5

