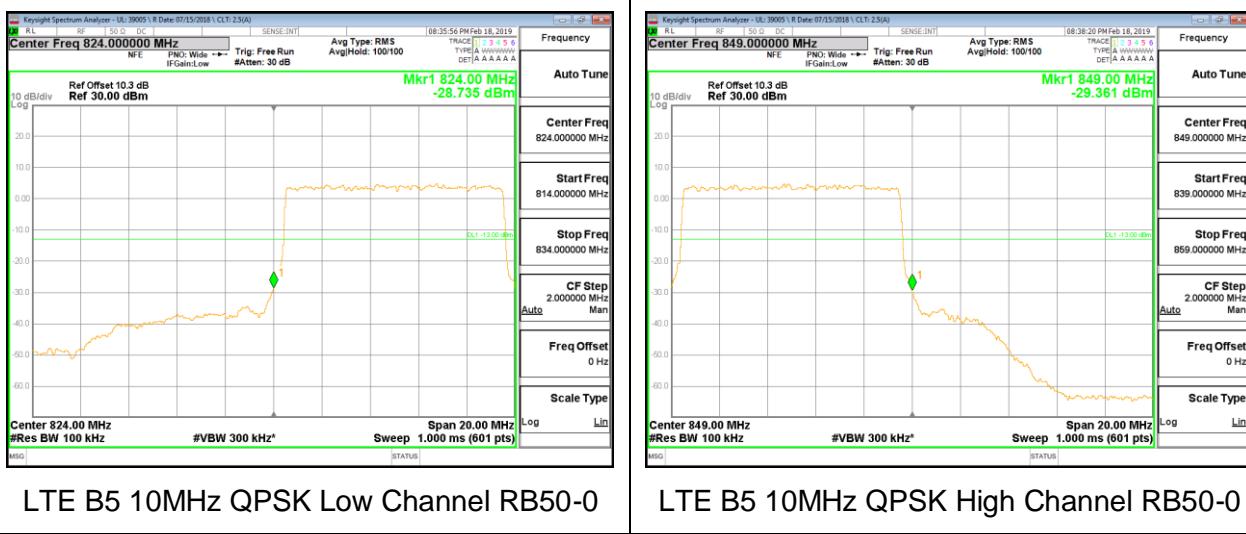


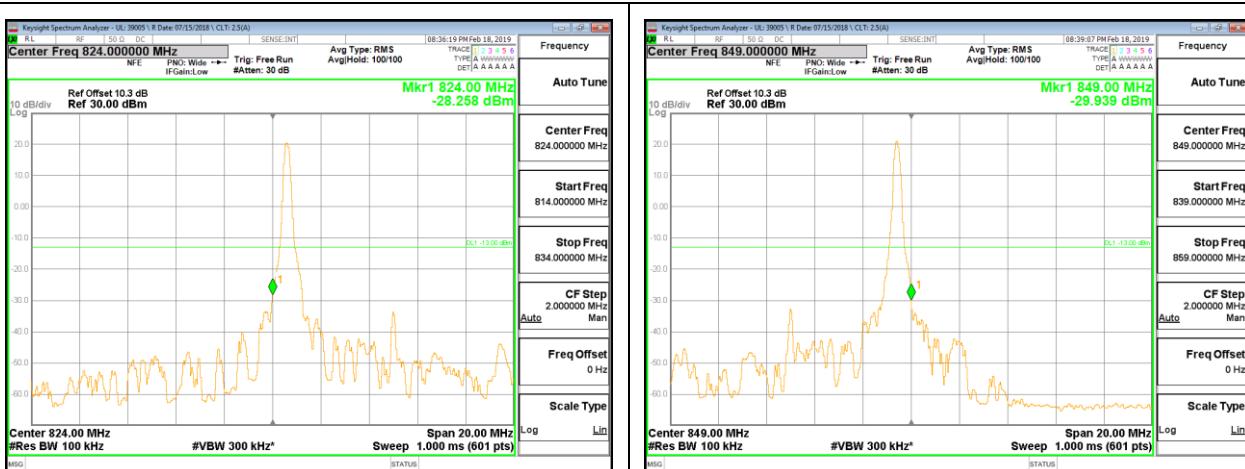
LTE B5 10MHz QPSK Low Channel RB1-0

LTE B5 10MHz QPSK High Channel RB1-49



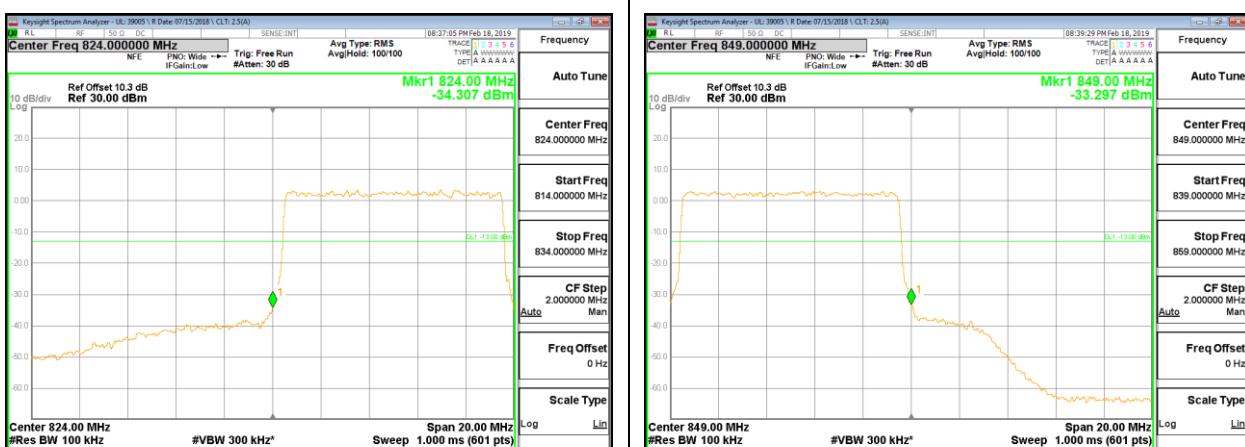
LTE B5 10MHz QPSK Low Channel RB50-0

LTE B5 10MHz QPSK High Channel RB50-0



LTE B5 10MHz 16QAM Low Channel RB1-0

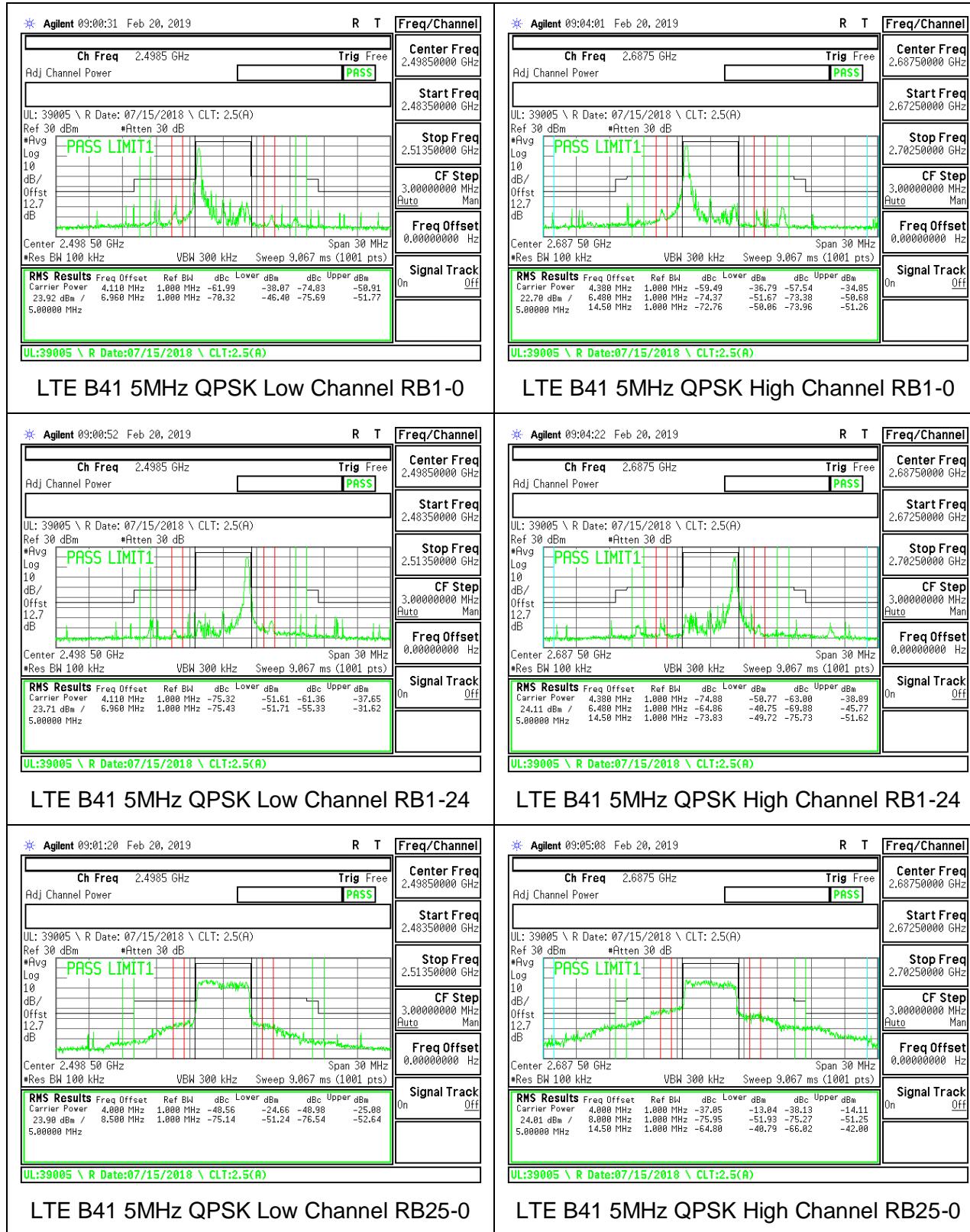
LTE B5 10MHz 16QAM High Channel RB1-49

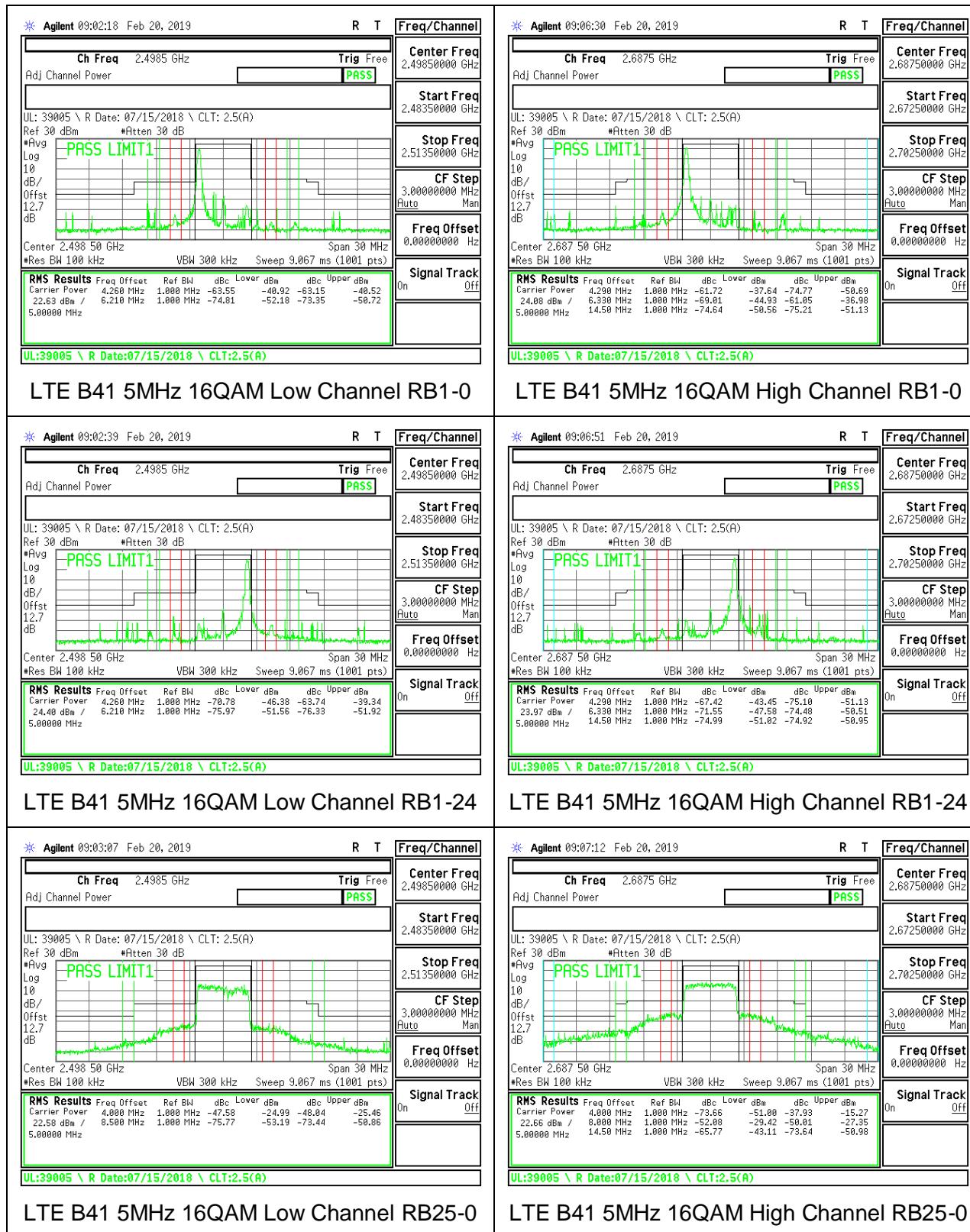


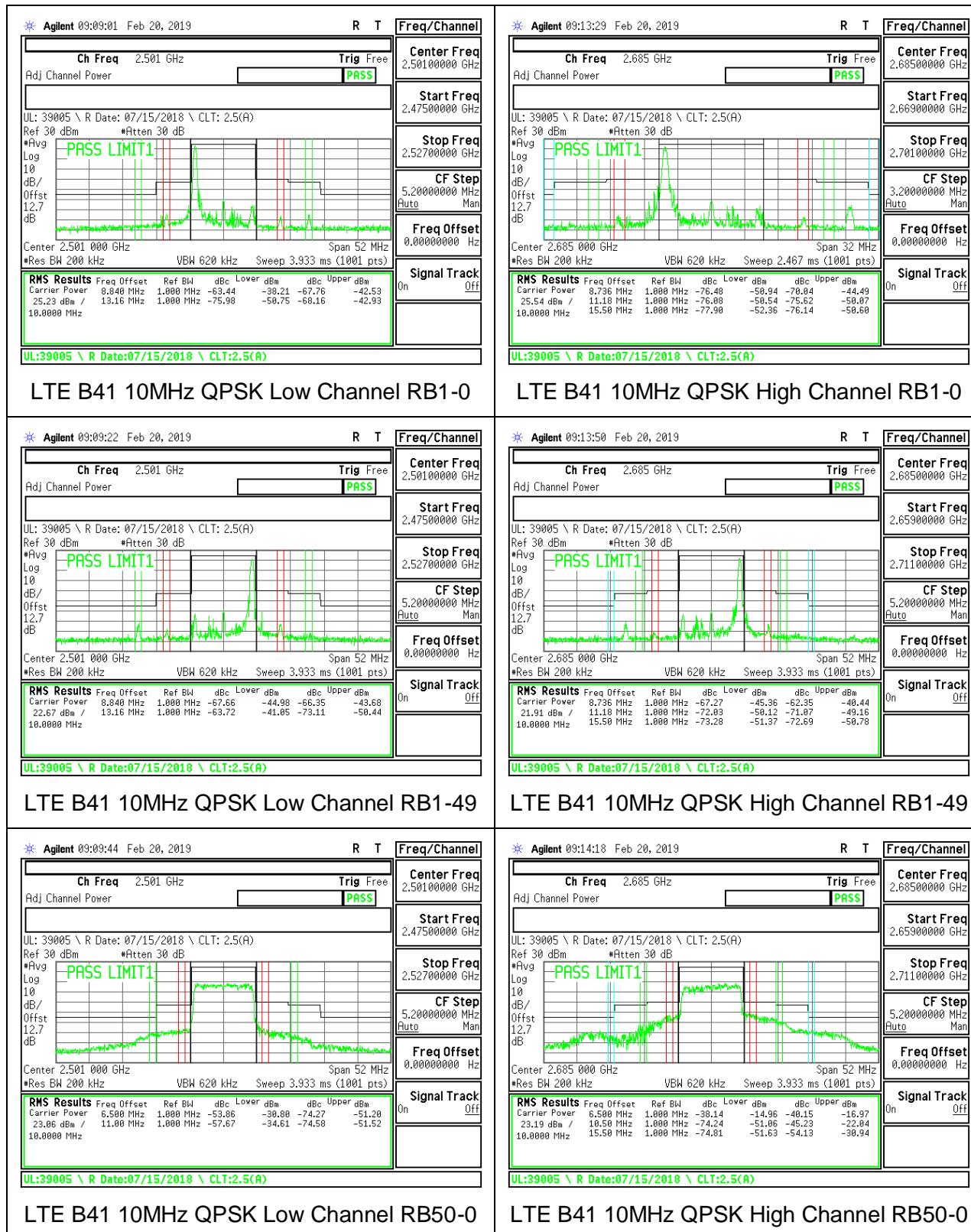
LTE B5 10MHz 16QAM Low Channel RB50-0

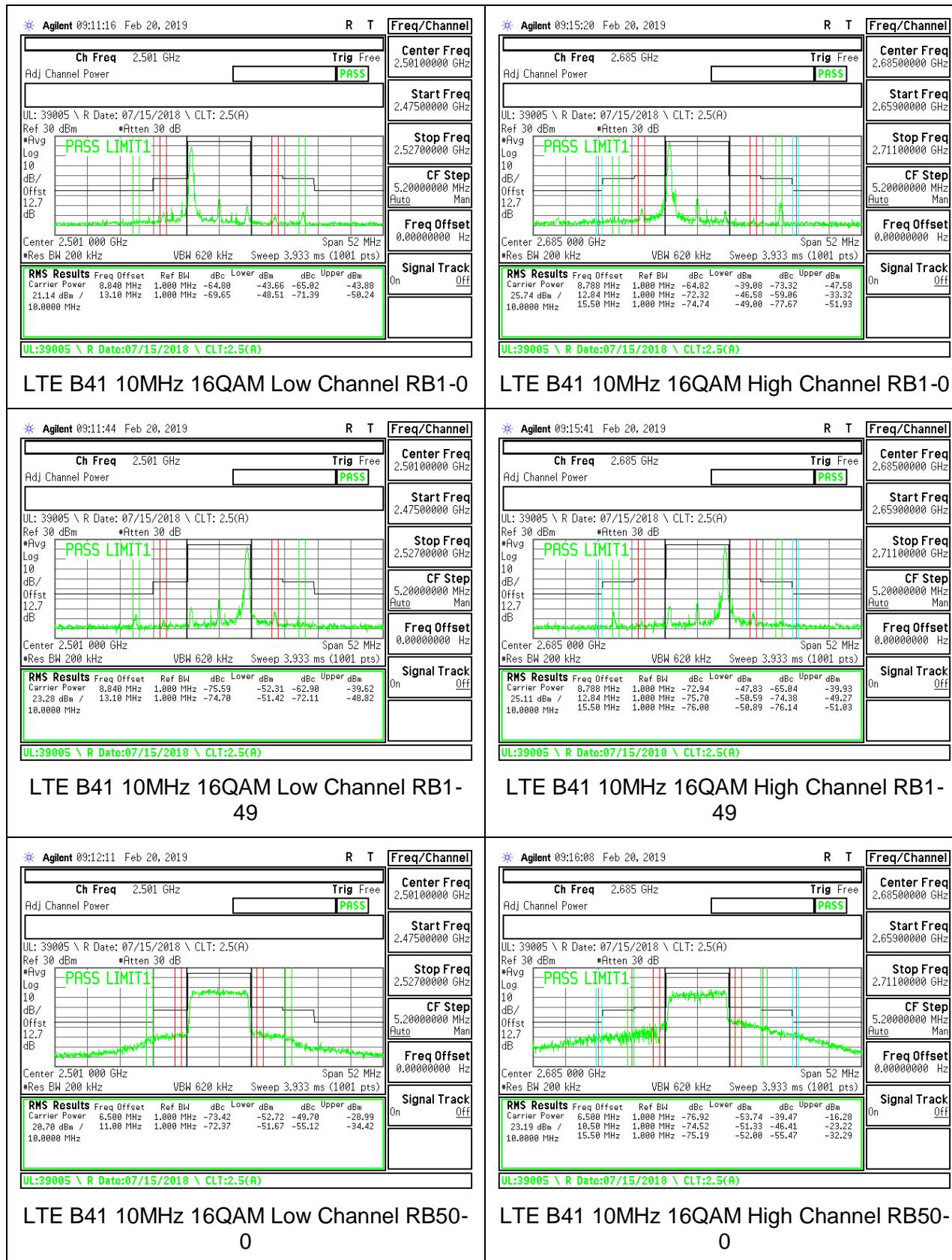
LTE B5 10MHz 16QAM High Channel RB50-0

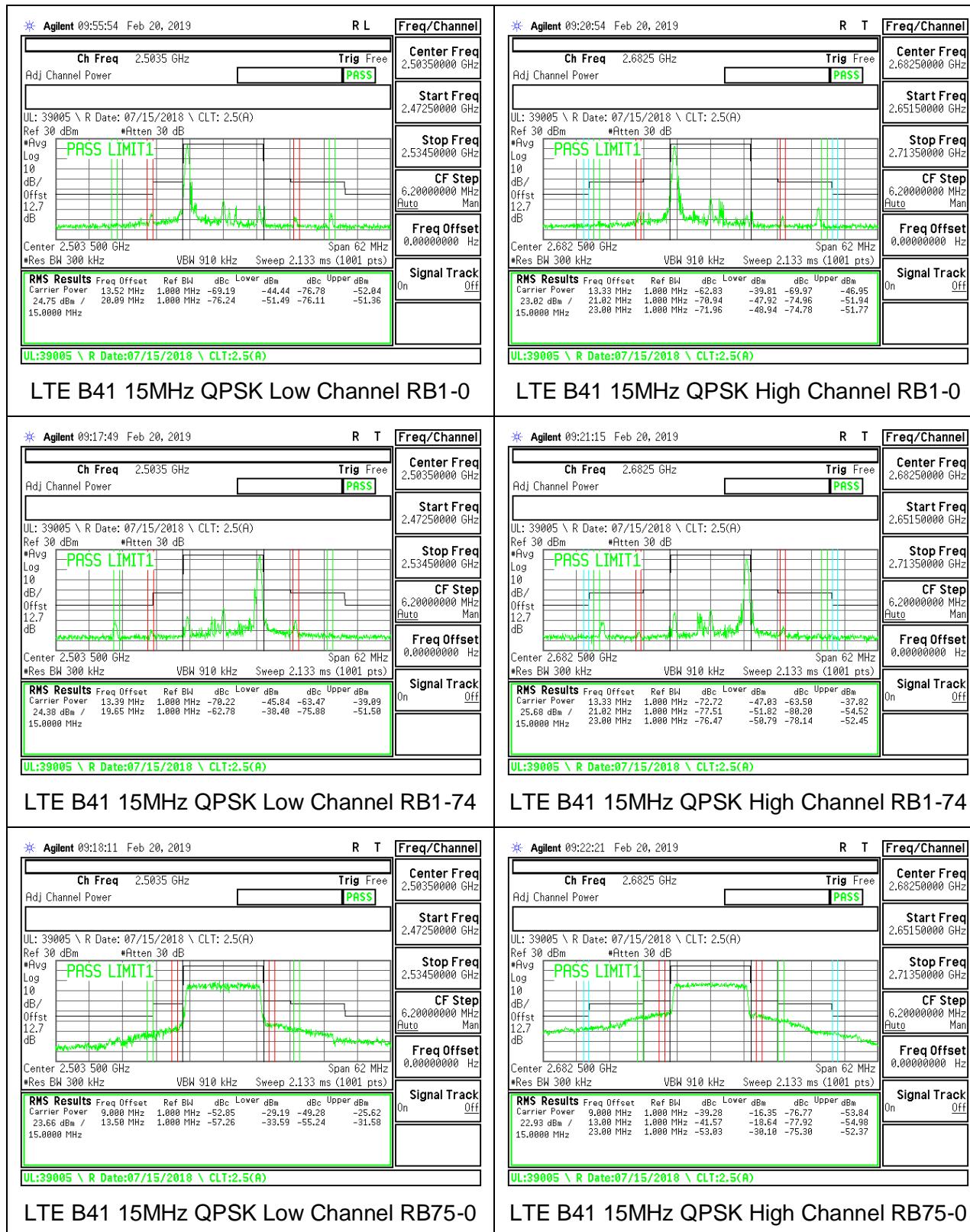
## 8.2.5. LTE BAND 41 ADJACENT CHANNEL POWER

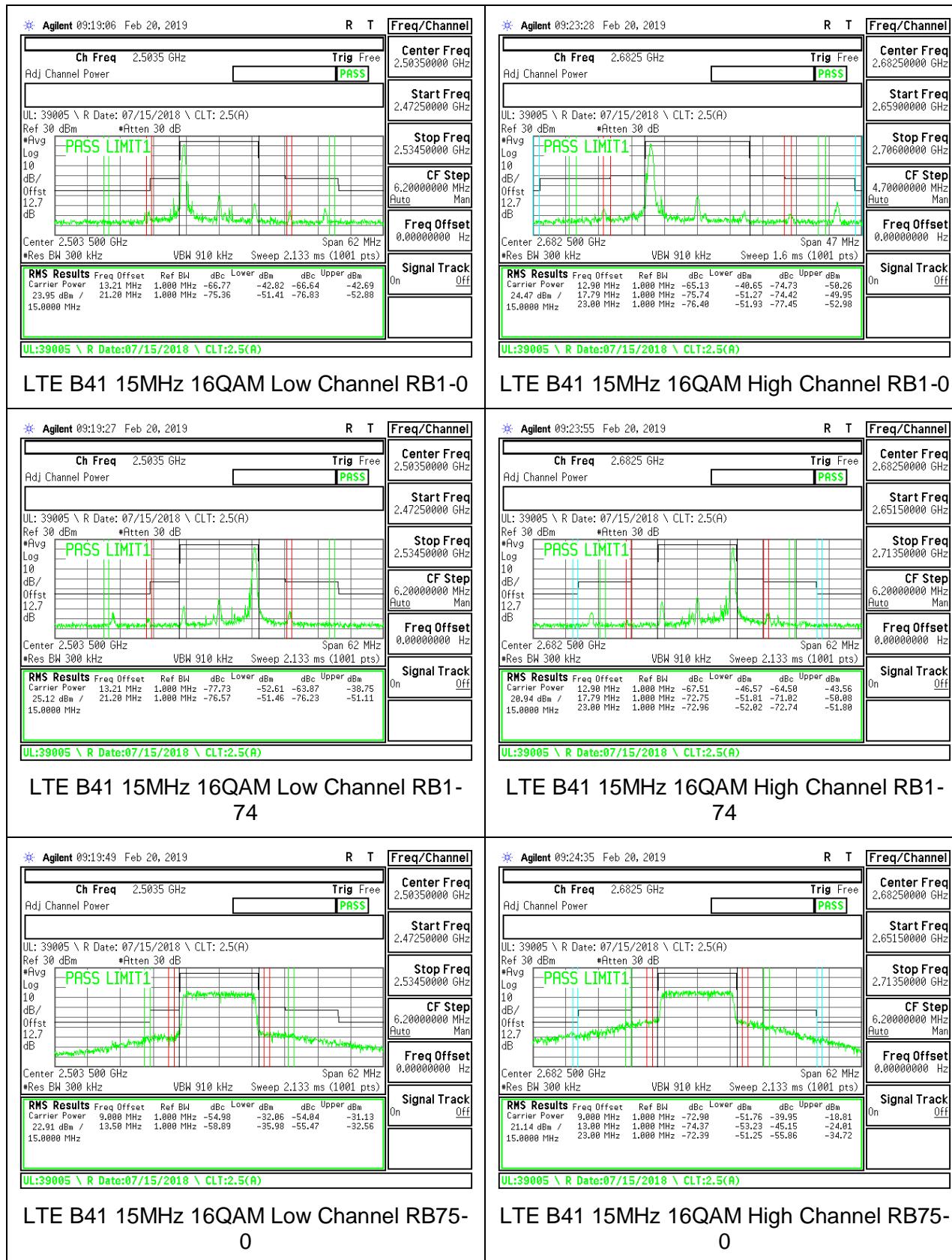


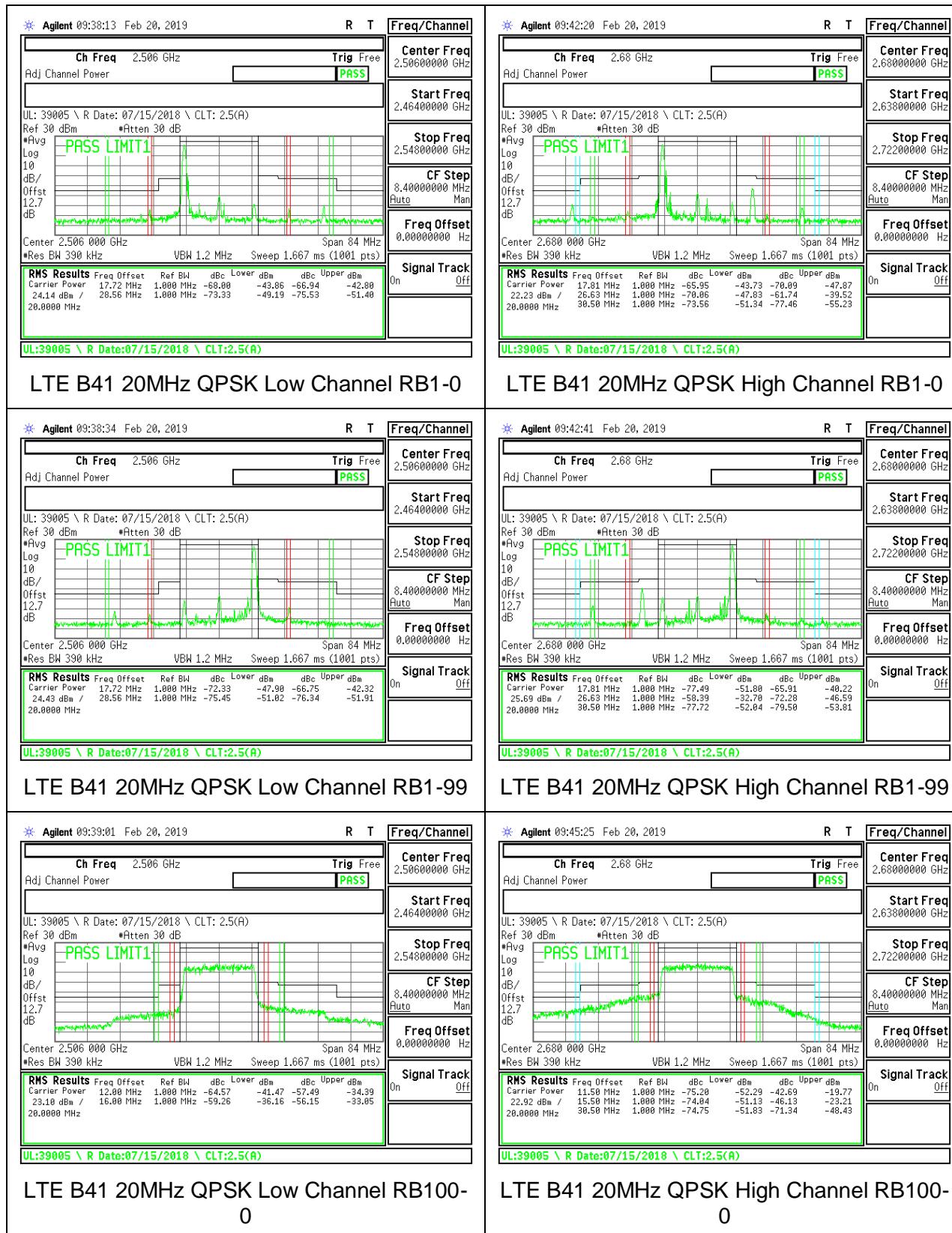


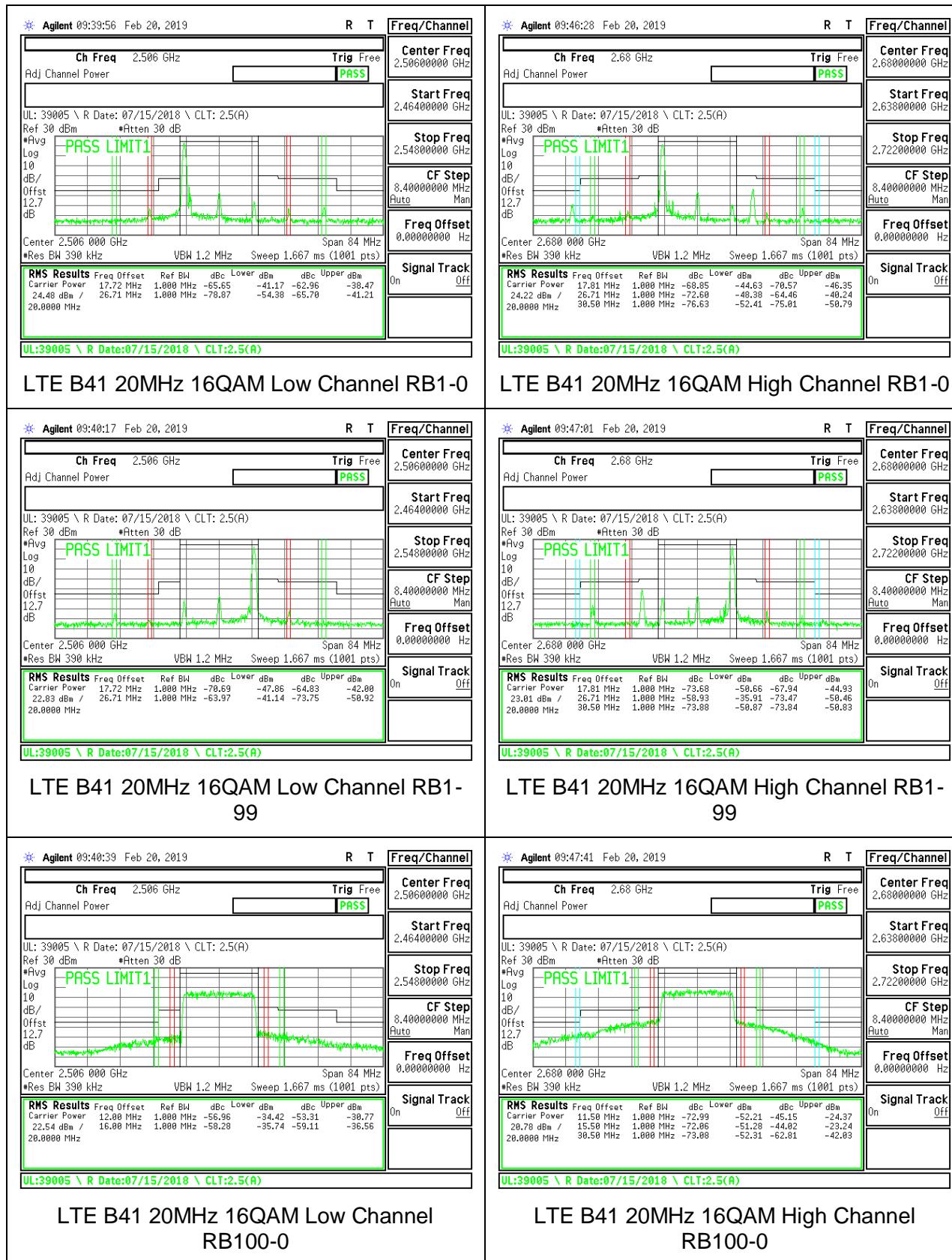












### 8.3. OUT OF BAND EMISSIONS

#### RULE PART(S)

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

#### LIMITS

FCC: §22.917, §24.238, §27.53

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 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:

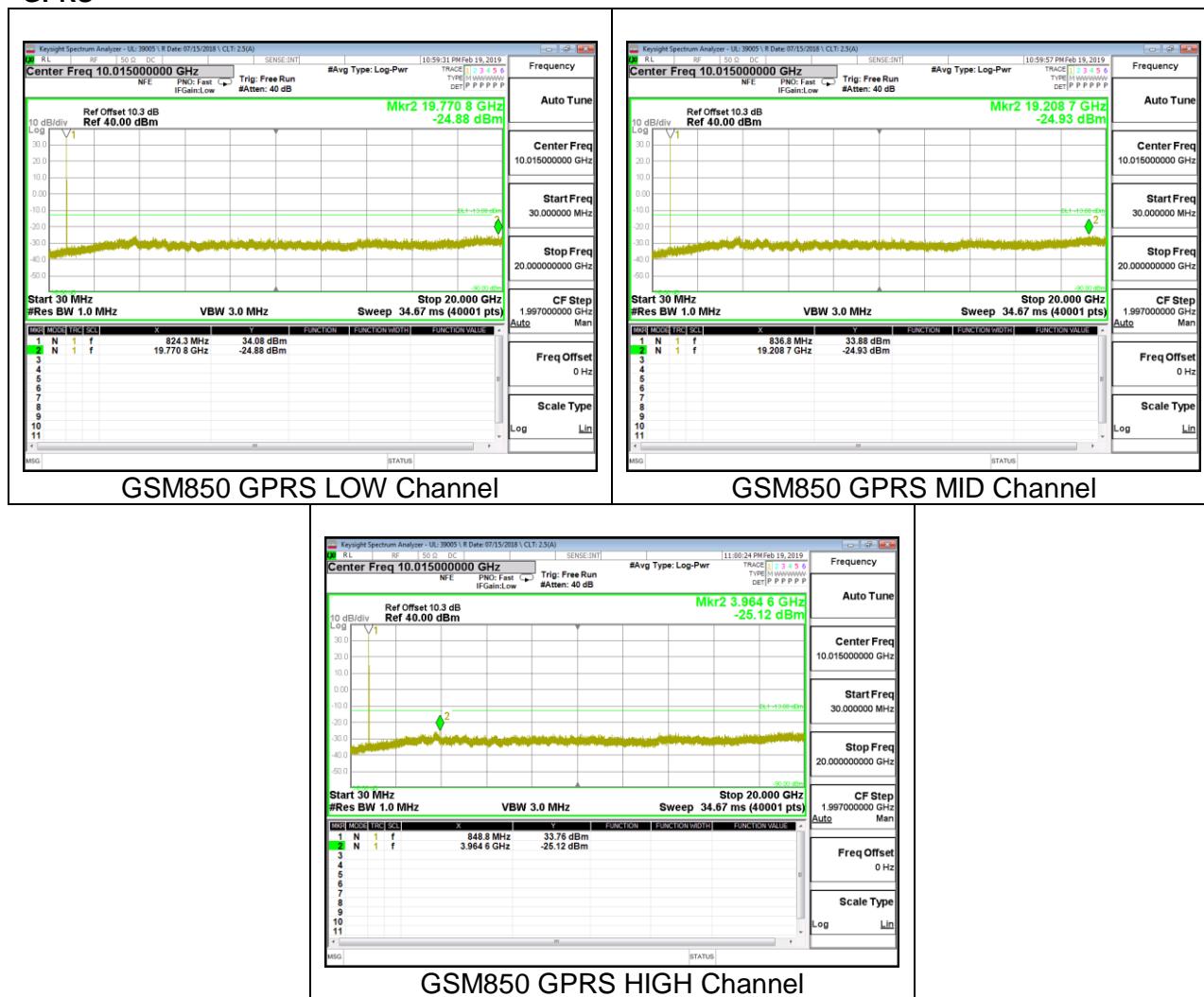
- Set display line at -13 dBm and -25dBm according to the band Limit
- Set RBW & VBW to 100 kHz for the measurement below 1 GHz, and 1 MHz for the measurement above 1 GHz. (NOTE: Worst case set RBW/VBW to 1MHz/3MHz)

#### MODES TESTED

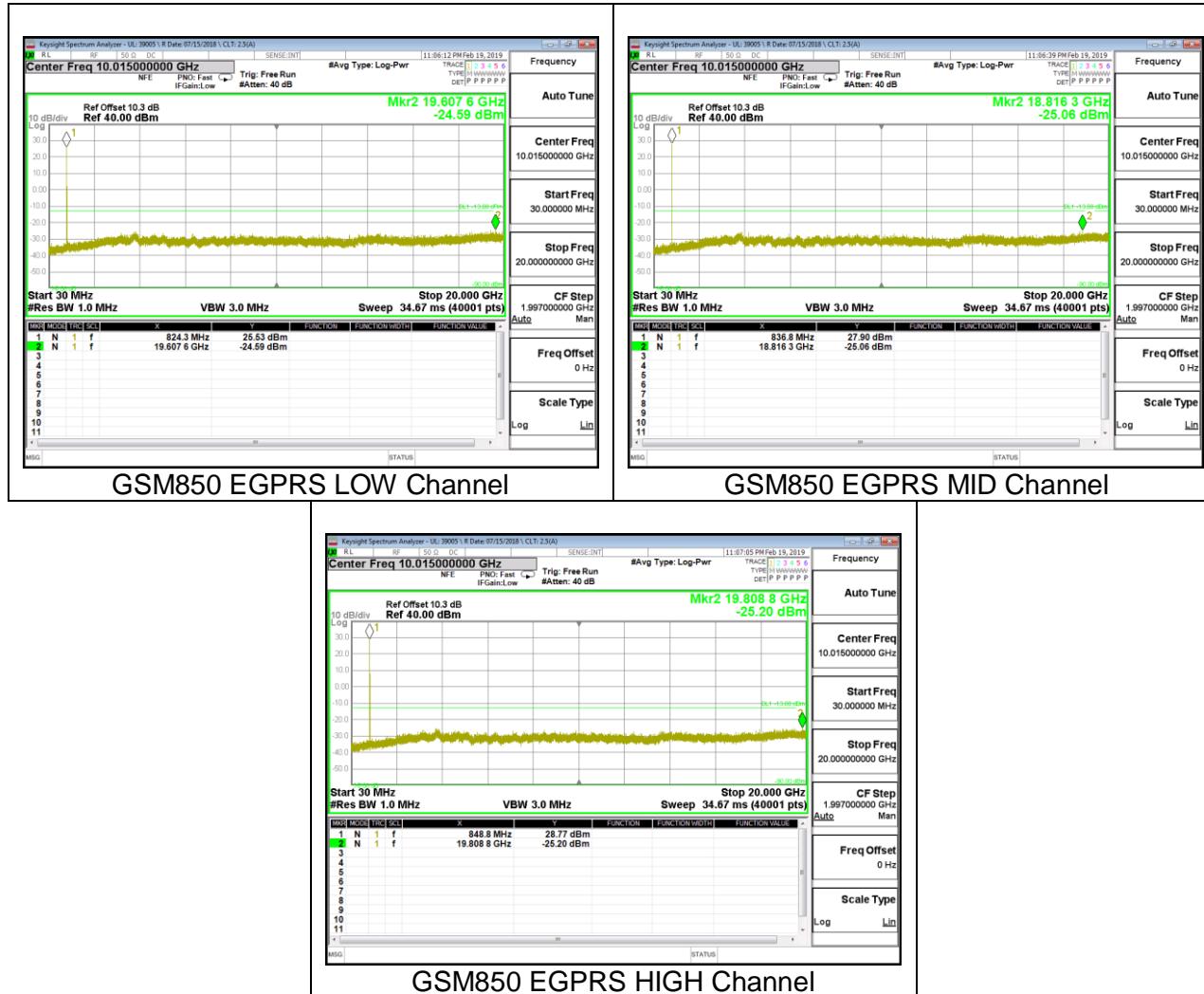
- GSM 850
- GSM 1900
- WCDMA Band 5
- WCDMA Band 2
- LTE Band 5
- LTE Band 41
- 

#### RESULTS

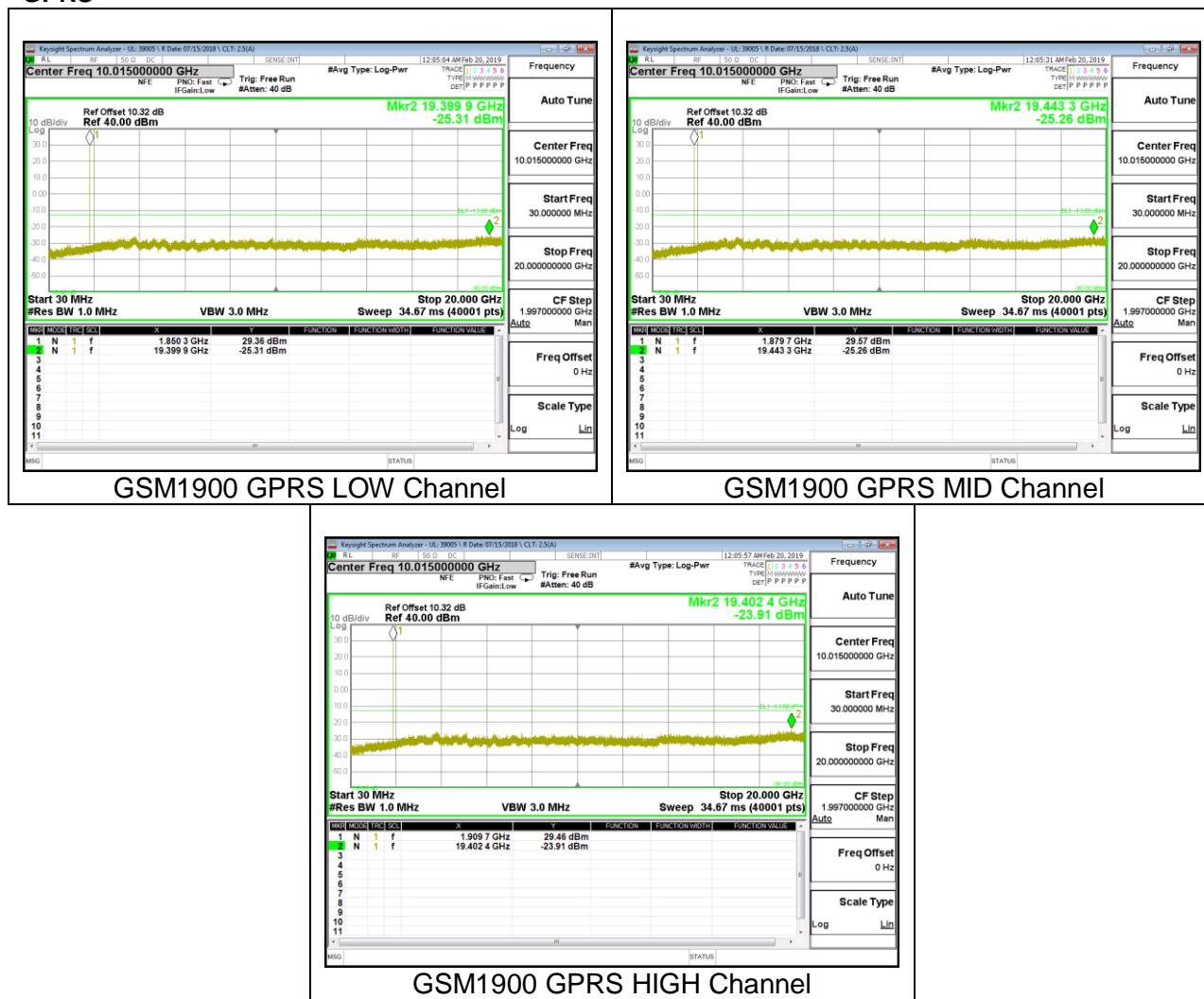
### 8.3.1. GSM GSM850 GPRS



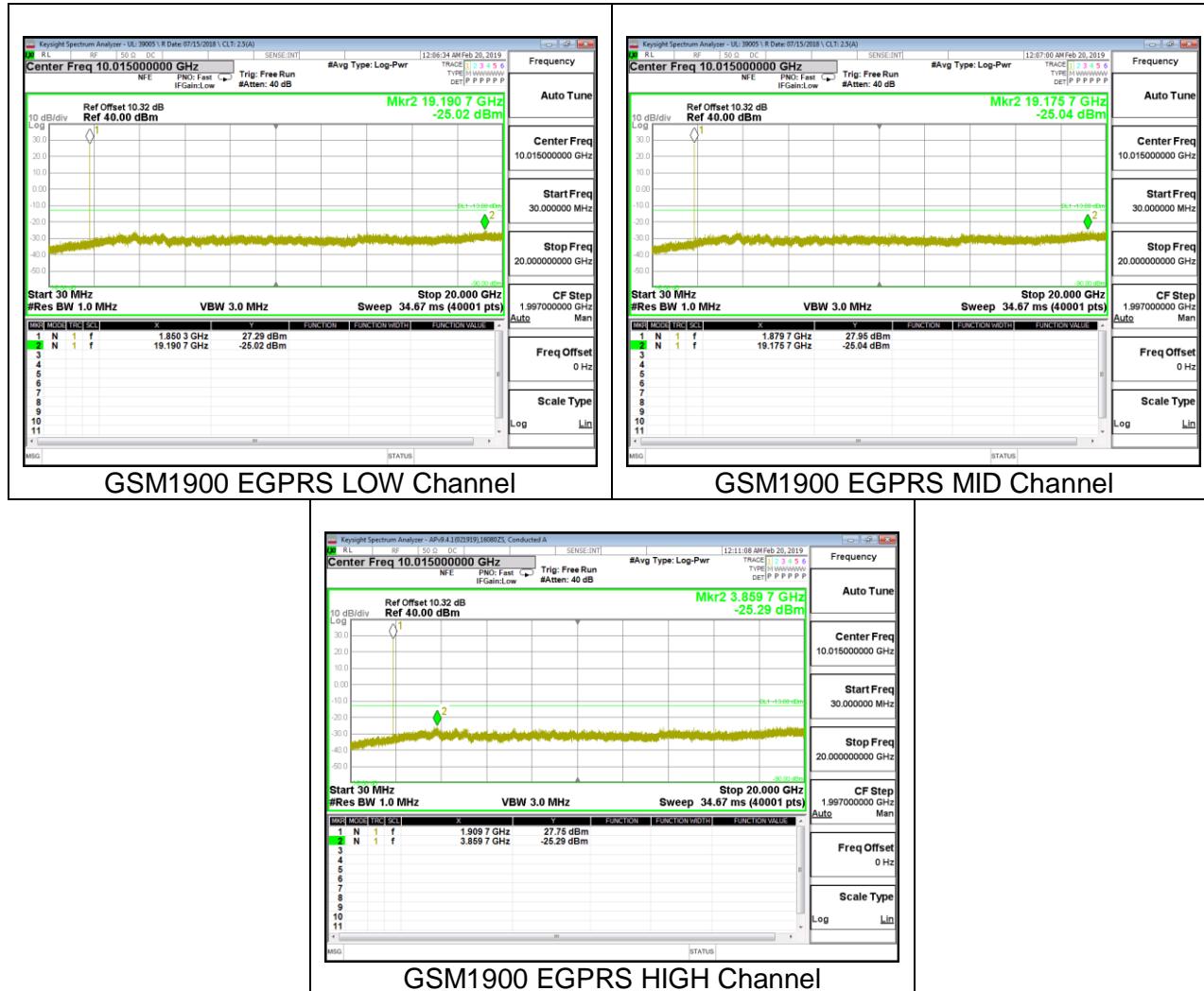
## EGPRS



### 8.3.2. GSM GSM1900 GPRS



## EGPRS

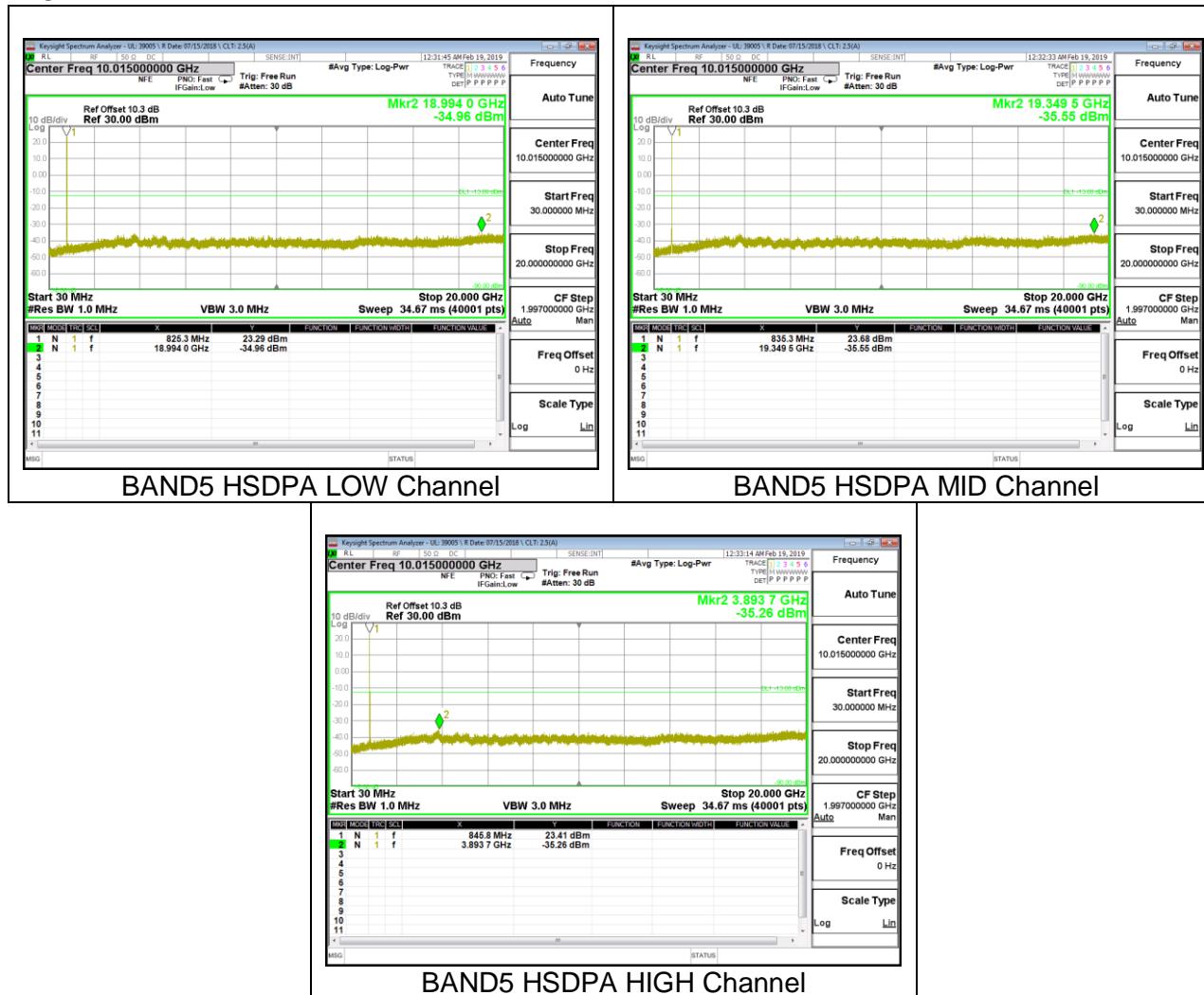


### 8.3.3. WCDMA BAND5

Rel99



## HSDPA

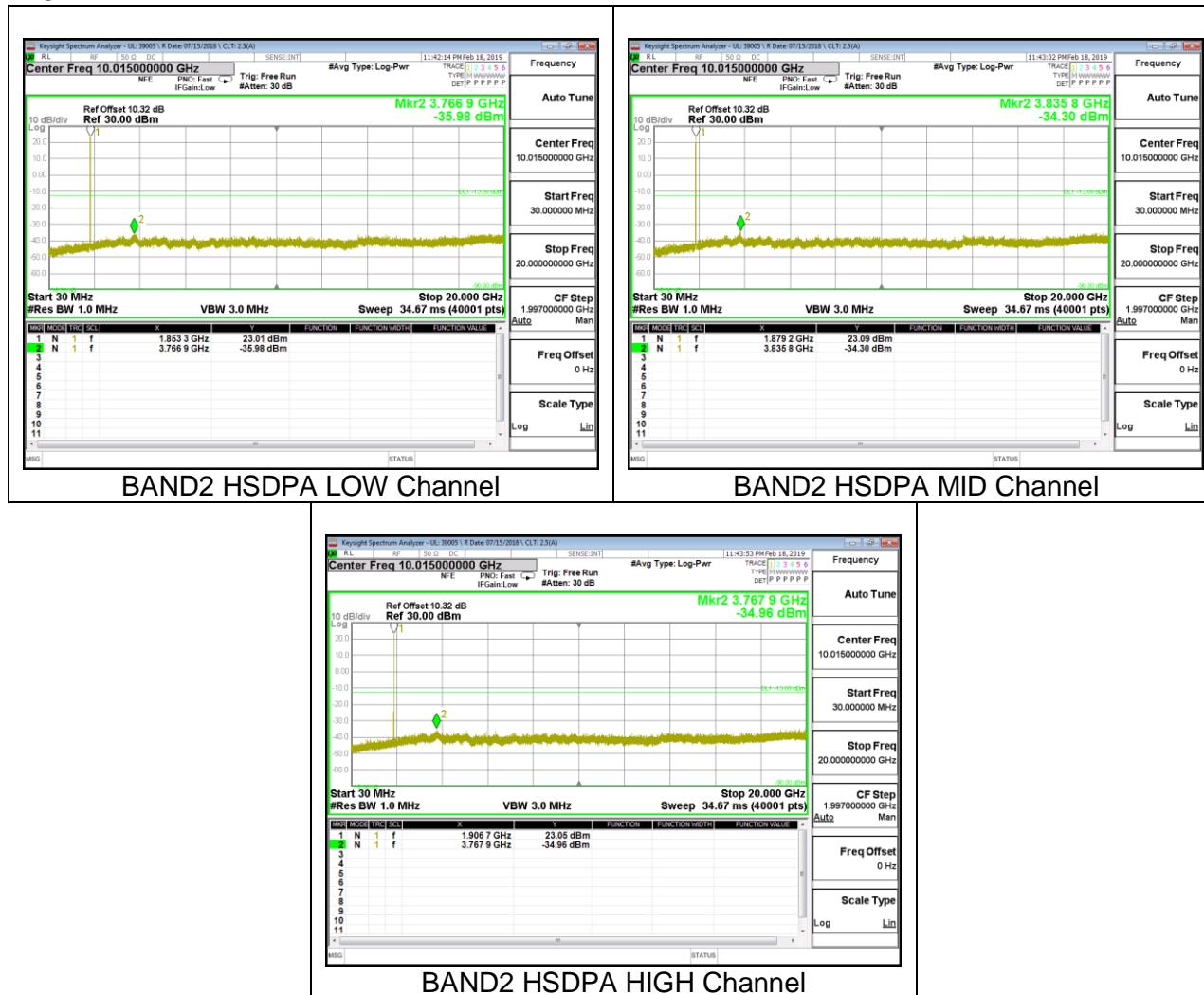


## 8.3.4. WCDMA BAND2

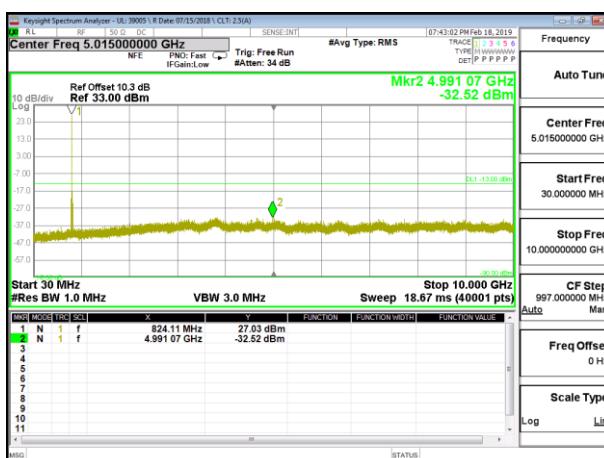
Rel99



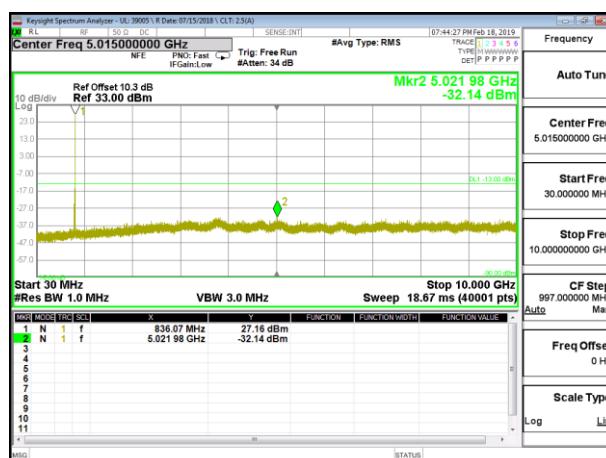
## HSDPA



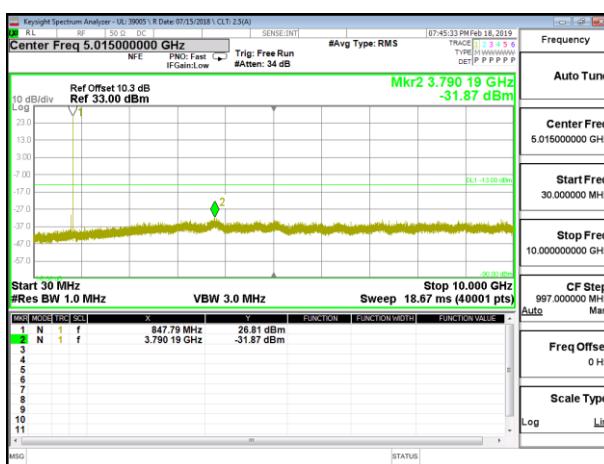
### 8.3.5. LTE BAND 5



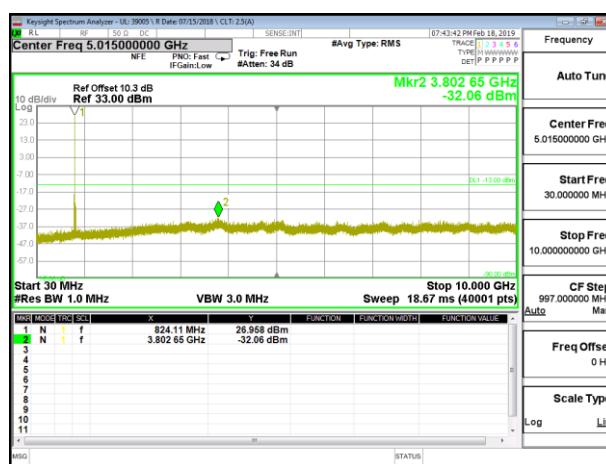
LTE B5 1.4MHz QPSK Low Channel RB1-0



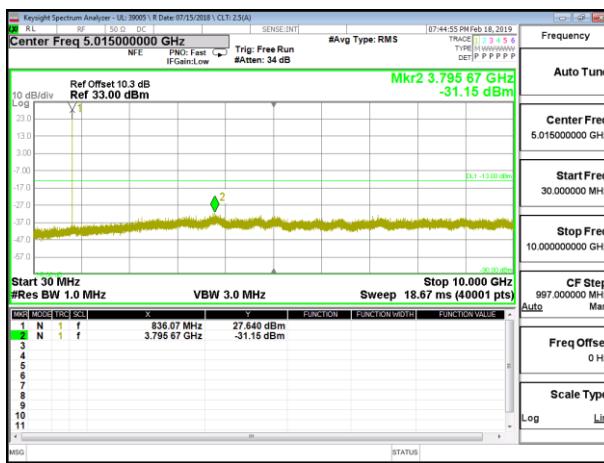
LTE B5 1.4MHz QPSK Mid Channel RB1-0



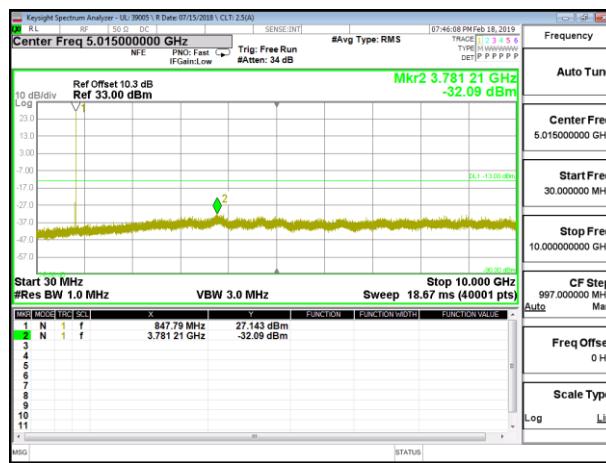
LTE B5 1.4MHz QPSK High Channel RB1-0



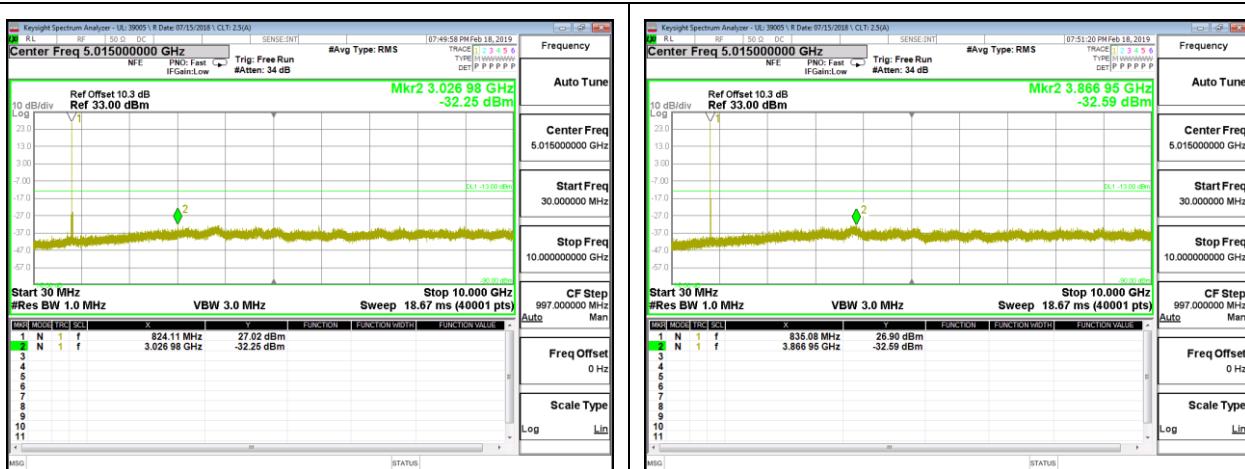
LTE B5 1.4MHz 16QAM Low Channel RB1-0



LTE B5 1.4MHz 16QAM Mid Channel RB1-0

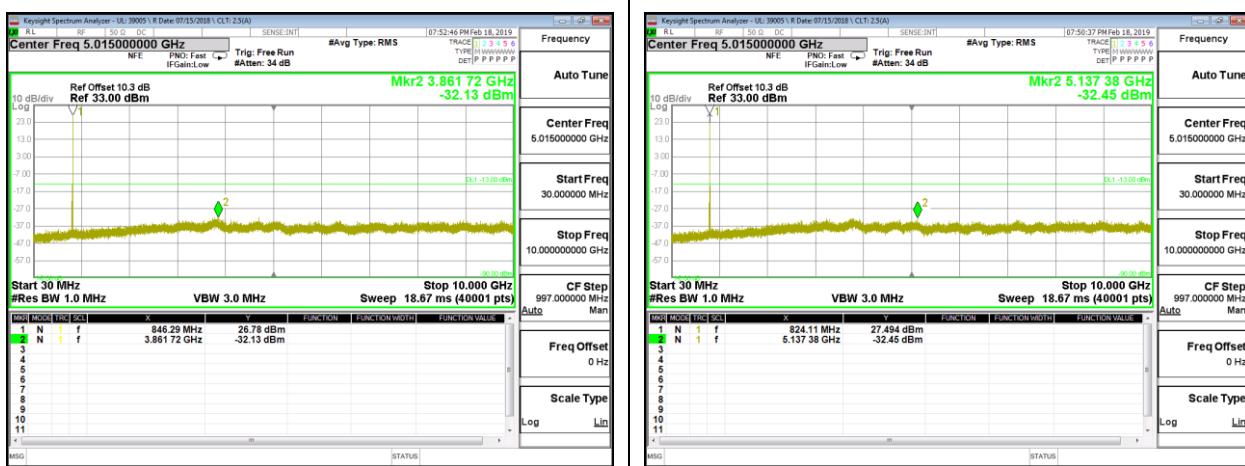


LTE B5 1.4MHz 16QAM High Channel RB1-0



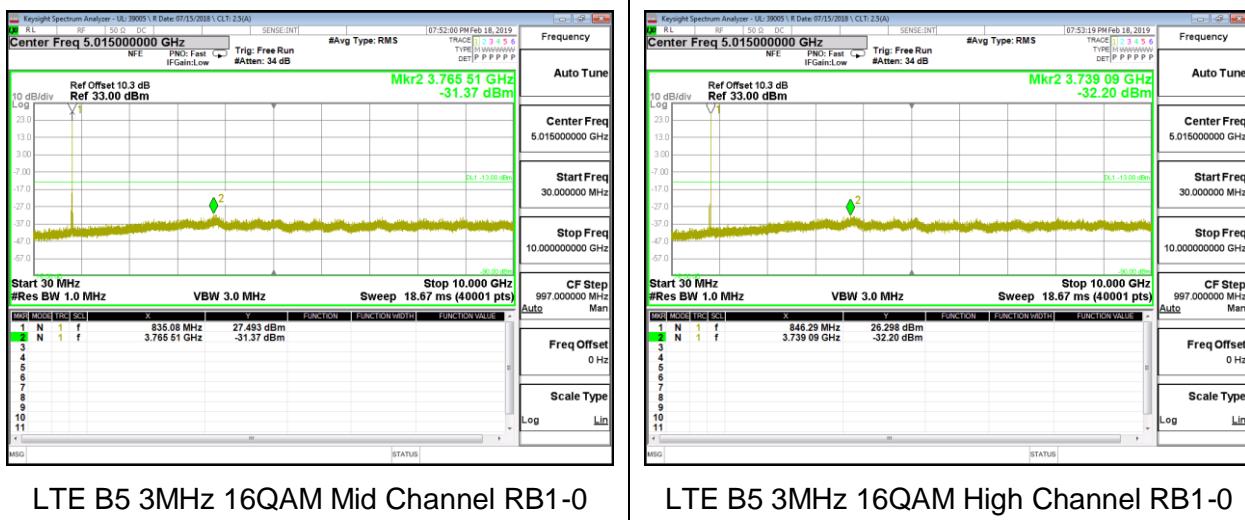
LTE B5 3MHz QPSK Low Channel RB1-0

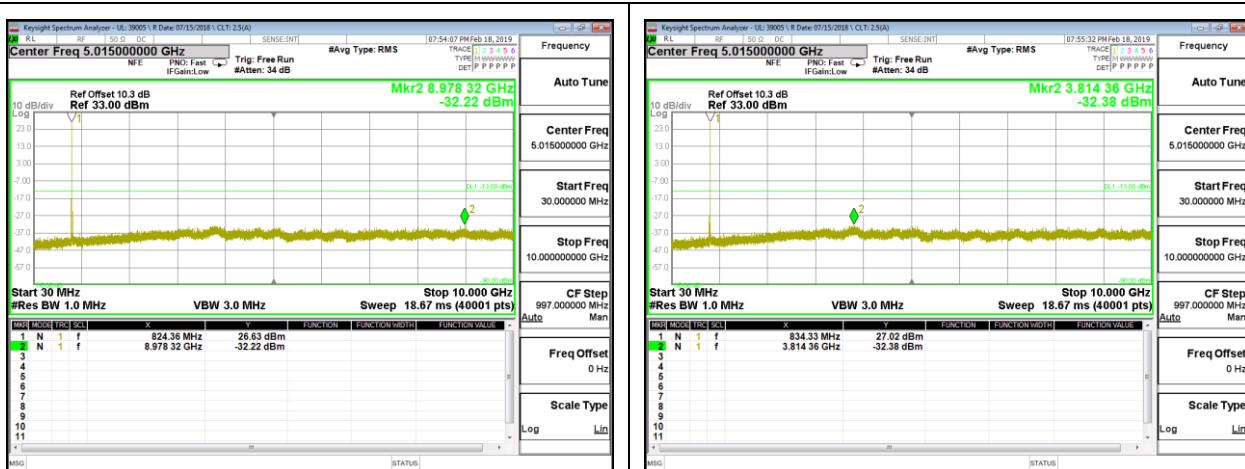
LTE B5 3MHz QPSK Mid Channel RB1-0



LTE B5 3MHz QPSK High Channel RB1-0

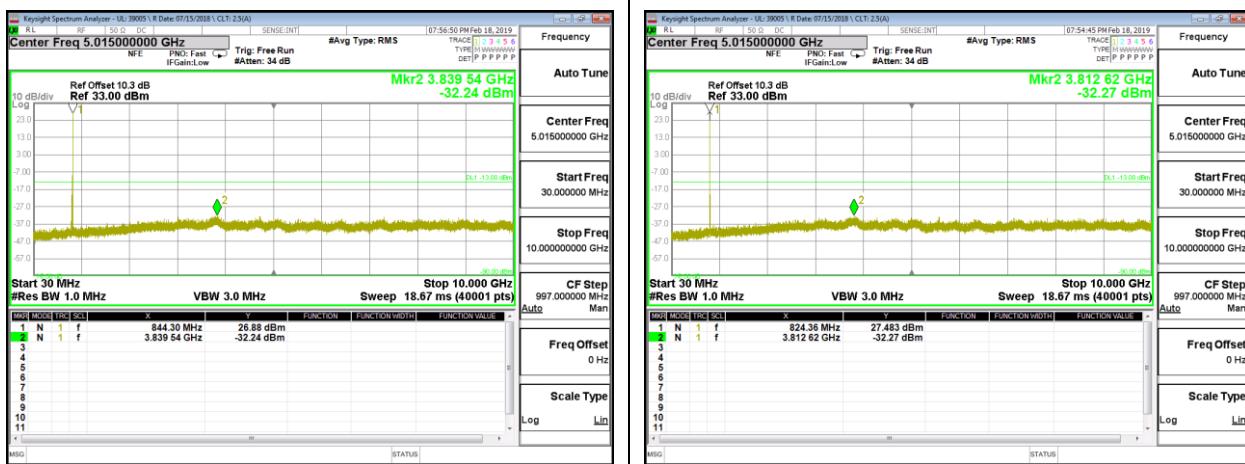
LTE B5 3MHz 16QAM Low Channel RB1-0





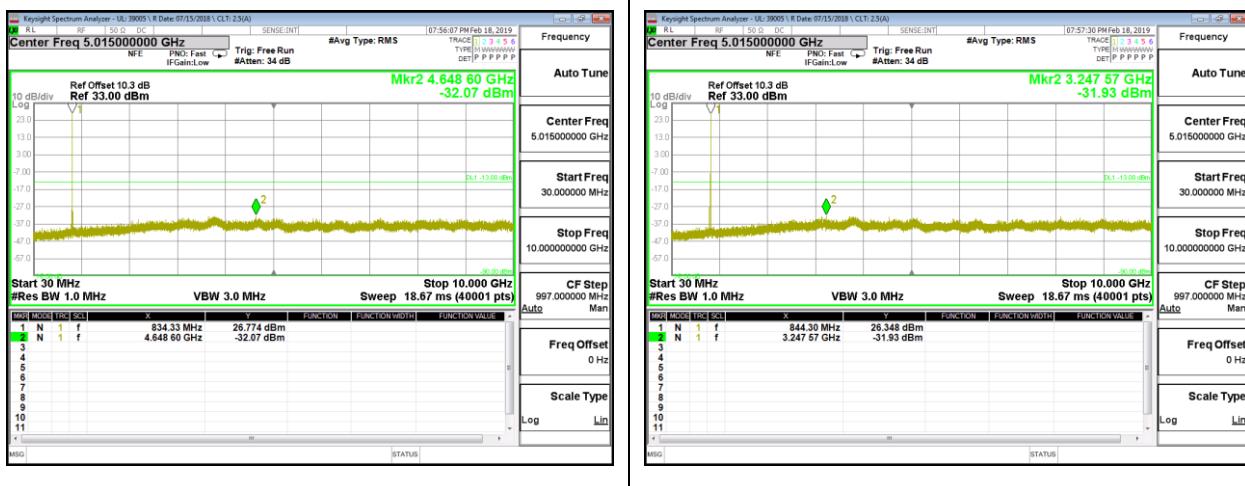
LTE B5 5MHz QPSK Low Channel RB1-0

LTE B5 5MHz QPSK Mid Channel RB1-0



LTE B5 5MHz QPSK High Channel RB1-0

LTE B5 5MHz 16QAM Low Channel RB1-0



LTE B5 5MHz 16QAM Mid Channel RB1-0

LTE B5 5MHz 16QAM High Channel RB1-0