

LTE B5 5MHz QPSK Low Channel RB25-0

LTE B5 5MHz QPSK High Channel RB25-0

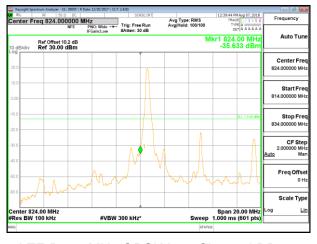
Scale Typ



Scale Typ

LTE B5 5MHz 16QAM Low Channel RB25-0

LTE B5 5MHz 16QAM High Channel RB25-0





LTE B5 10MHz QPSK Low Channel RB1-0

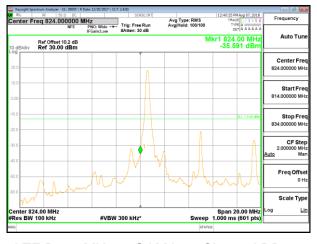


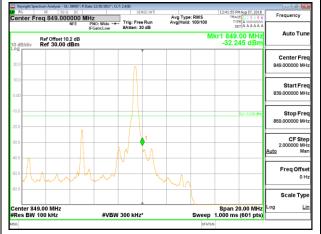


LTE B5 10MHz QPSK Low Channel RB50-0



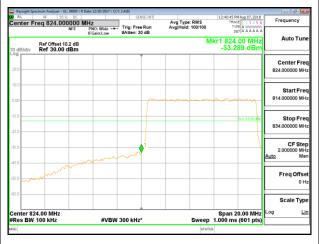
LTE B5 10MHz QPSK High Channel RB50-0





LTE B5 10MHz 16QAM Low Channel RB1-0

LTE B5 10MHz 16QAM High Channel RB1-0

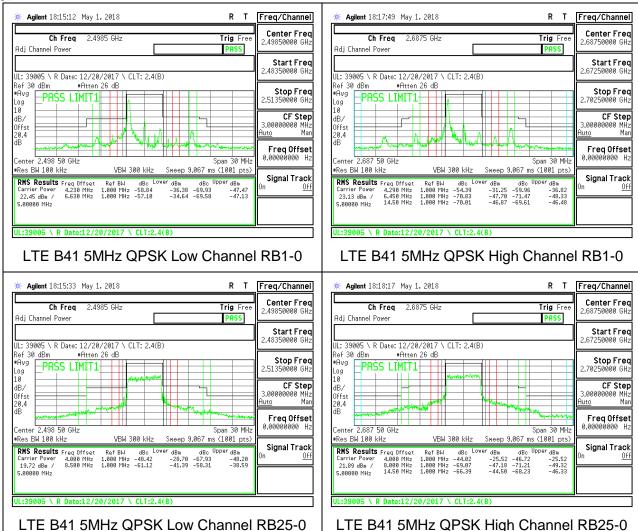


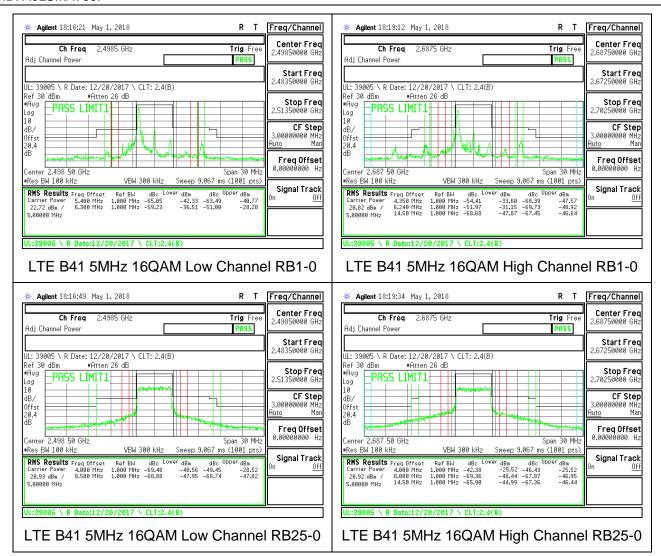


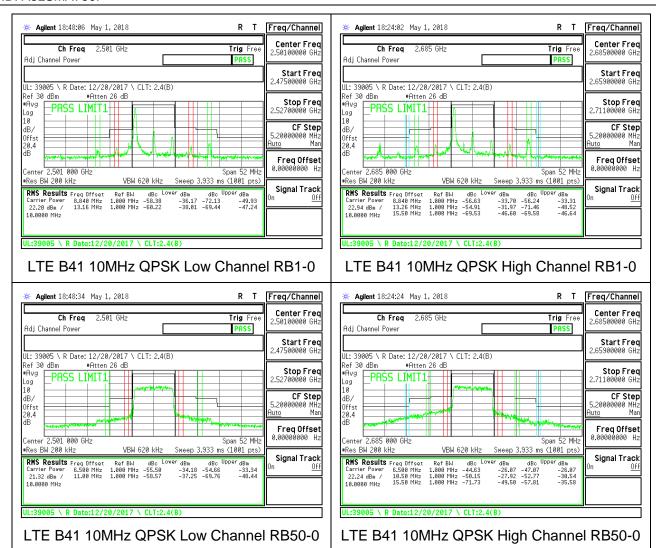
LTE B5 10MHz 16QAM Low Channel RB50-0

LTE B5 10MHz 16QAM High Channel RB50-0

10.2.6. LTE BAND 41 ADJACENT CHANNEL POWER

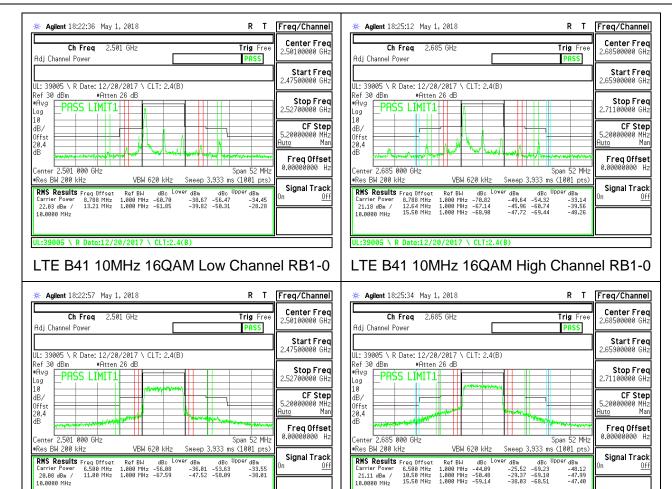






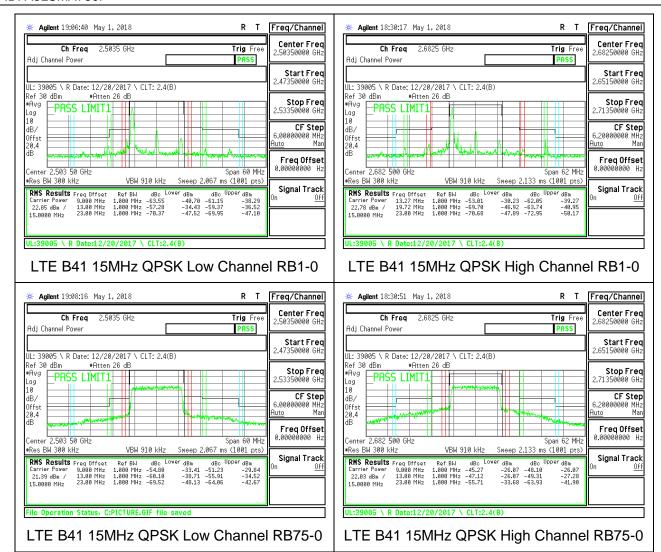
10.0000 MHz

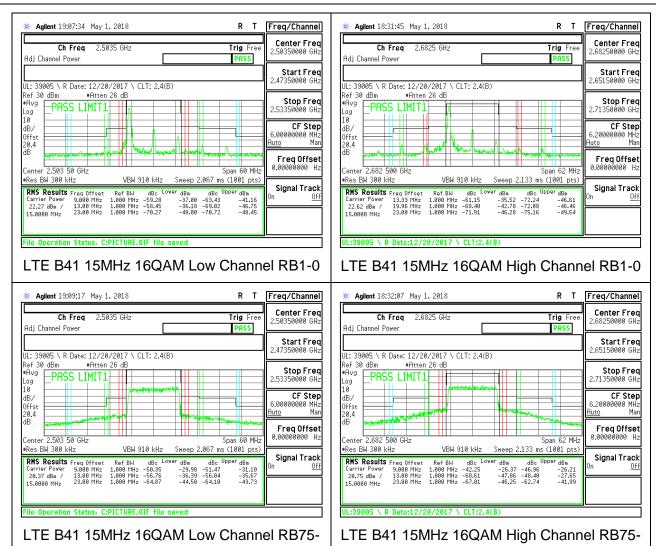
UL:39005 \ R Date:12/20/2017 \ CLT:2.4(B)



LTE B41 10MHz 16QAM High Channel RB50-

L:39005 \ R Date:12/20/2017 \ CLT:2.4(B)





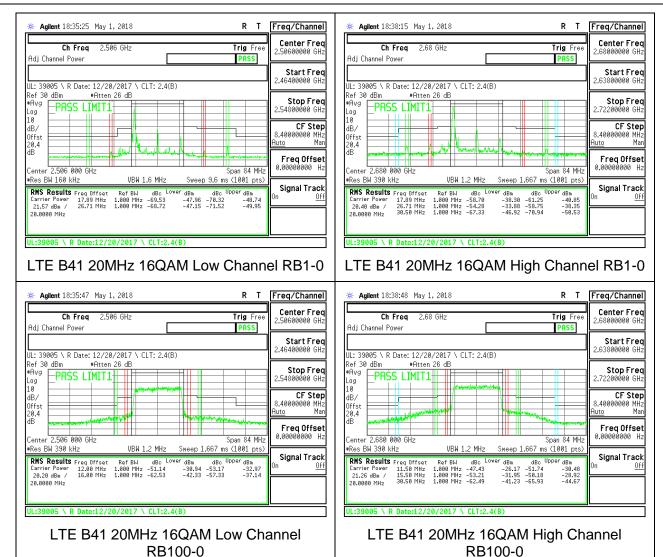
28.8888 MHz

UL:39005 \ R Date:12/20/2017 \ CLT:2.4(B)



LTE B41 20MHz QPSK High Channel RB100-

L:39005 \ R Date:12/20/2017 \ CLT:2.4(B)



DATE: SEPTEMBER 06, 2018

10.3. OUT OF BAND EMISSIONS

RULE PART(S)

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

LIMITS

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

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)

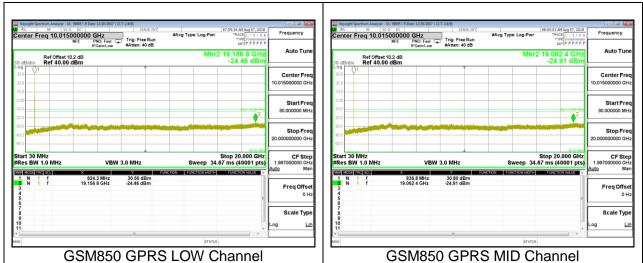
MODES TESTED

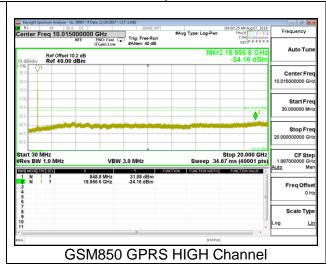
- GSM 850
- GSM 1900
- WCDM Band 5
- WCDM Band 2
- LTE Band 5
- LTE Band 41

RESULTS

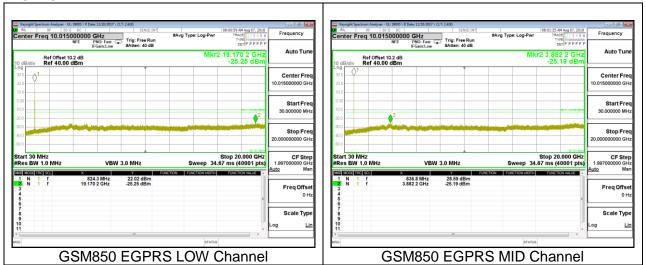
10.3.1. **GSM GSM850**

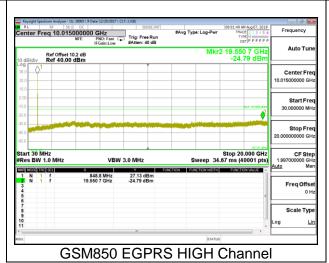
GPRS





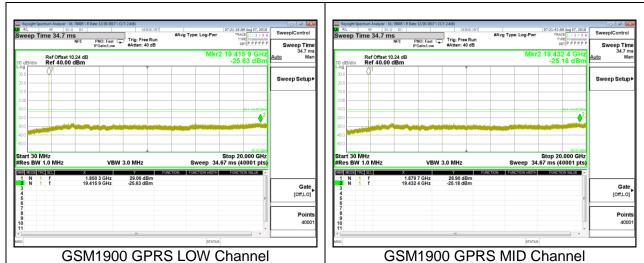
EGPRS

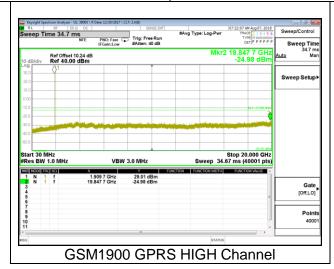




10.3.2. GSM GSM1900

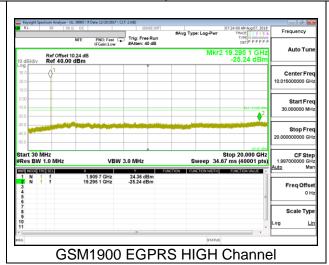
GPRS





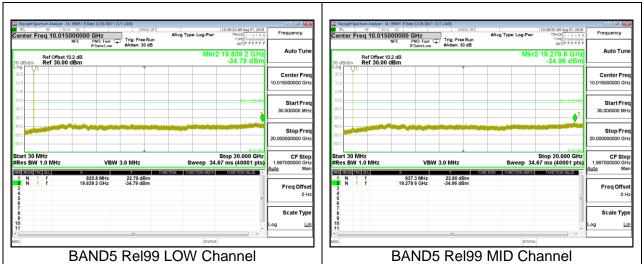
EGPRS

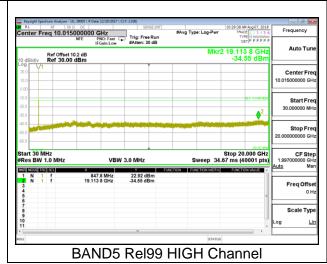




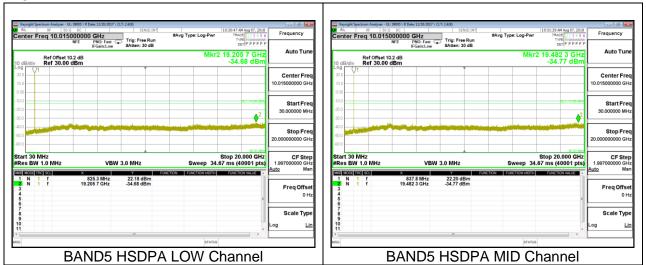
10.3.3. WCDMA BAND5

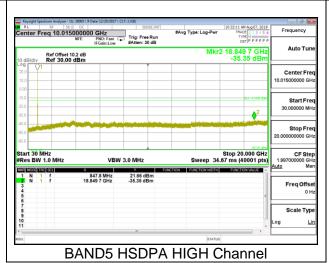
Rel99





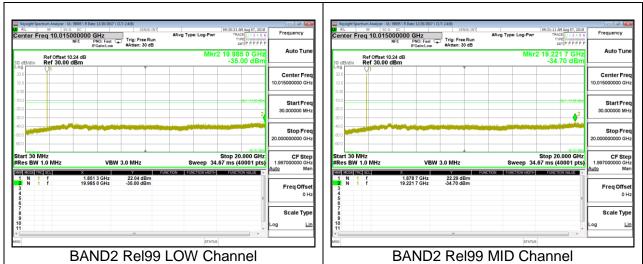
HSDPA

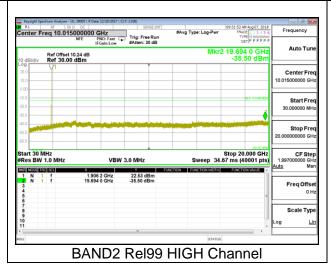




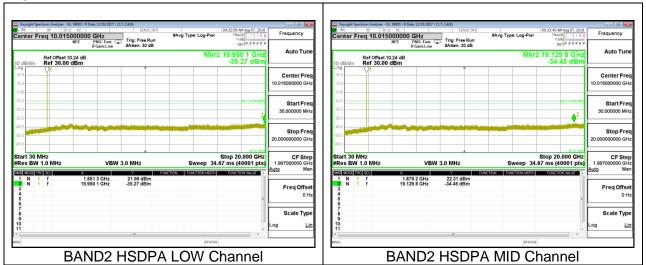
10.3.4. WCDMA BAND2

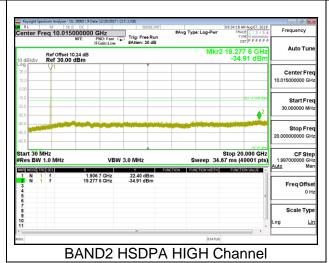
Rel99



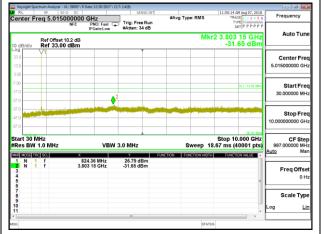


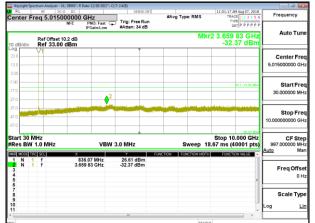
HSDPA





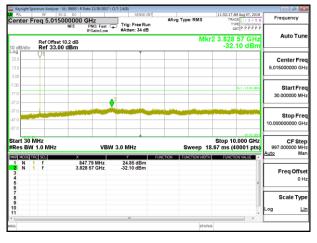
10.3.5. LTE BAND 5

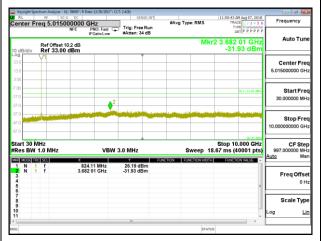




LTE B5 1.4MHz QPSK Low Channel RB1-0

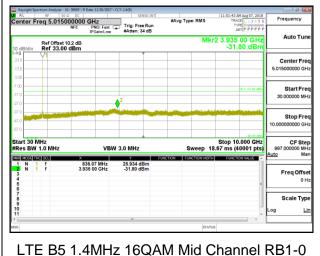
LTE B5 1.4MHz QPSK Mid Channel RB1-0

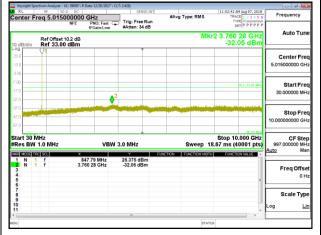




LTE B5 1.4MHz QPSK High Channel RB1-0

LTE B5 1.4MHz 16QAM Low Channel RB1-0





1-0 | LIEB

LTE B5 1.4MHz 16QAM High Channel RB1-0

