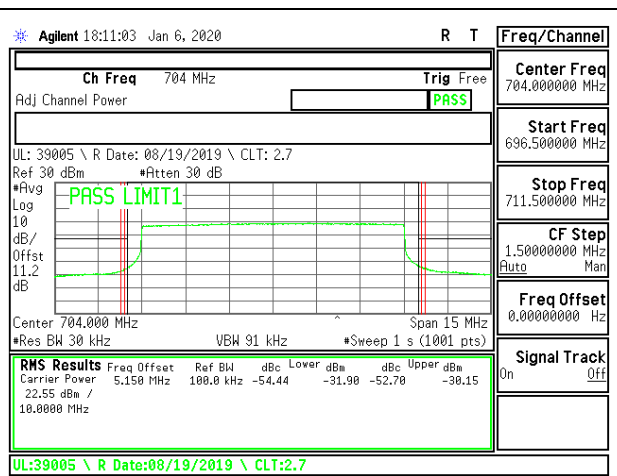
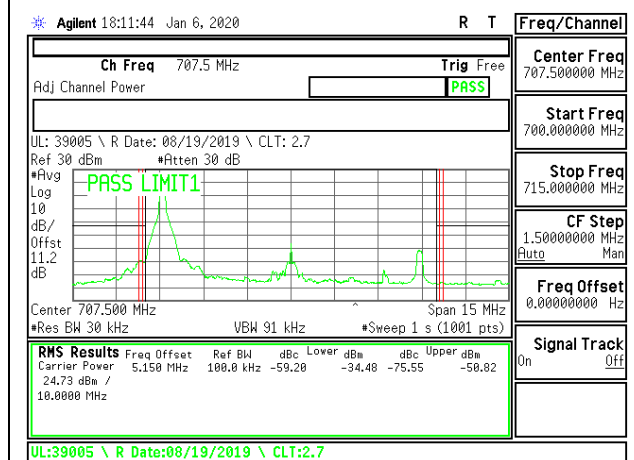


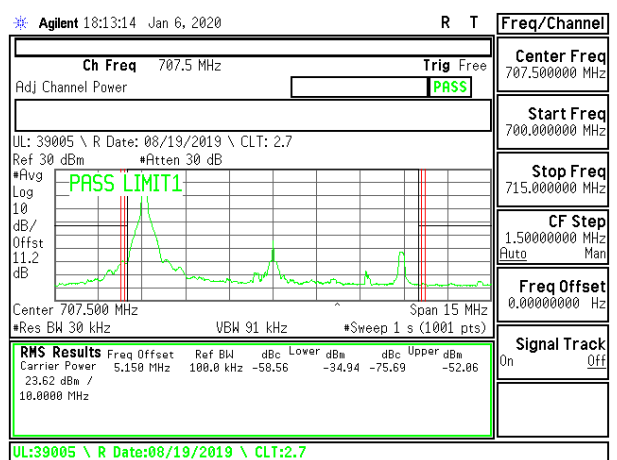
LTE B12 10MHz QPSK Low Channel RB50-0



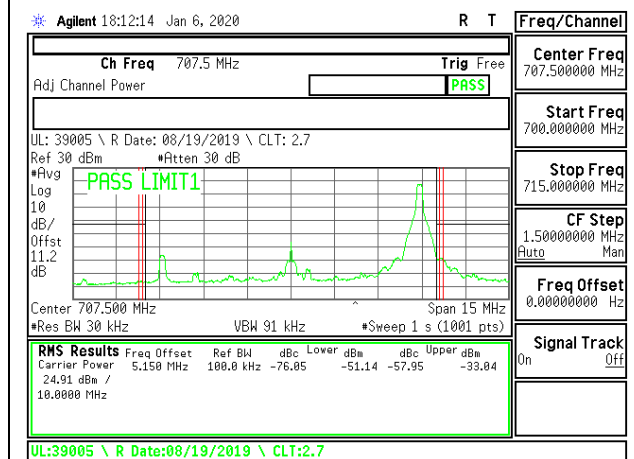
LTE B12 10MHz 16QAM Low Channel RB50-0



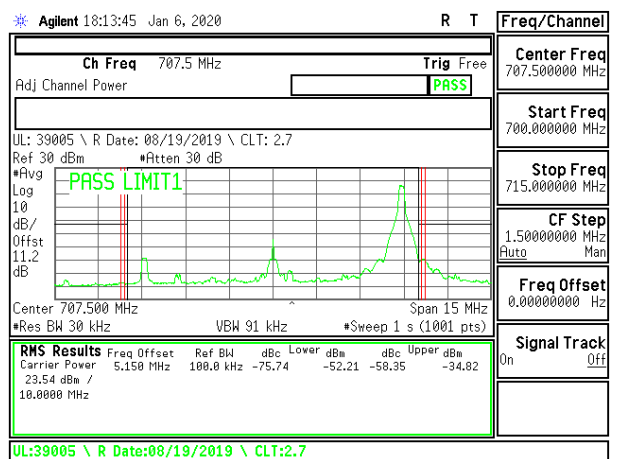
LTE B12 10MHz QPSK Middle Channel RB1-0



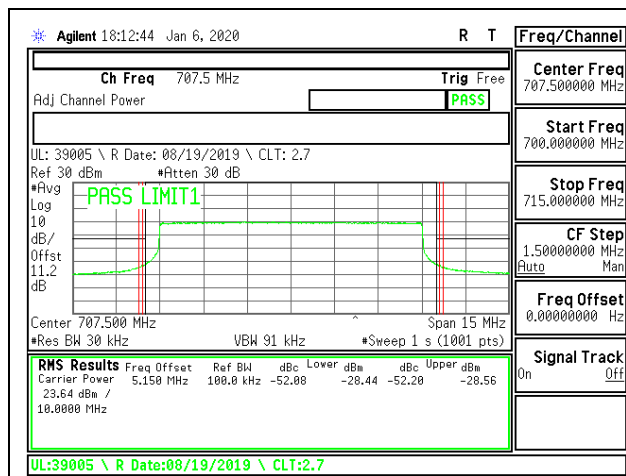
LTE B12 10MHz 16QAM Middle Channel RB1-0



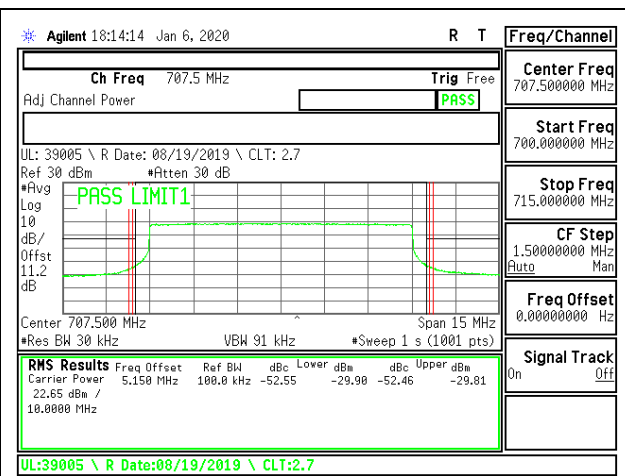
LTE B12 10MHz QPSK Middle Channel RB1-49



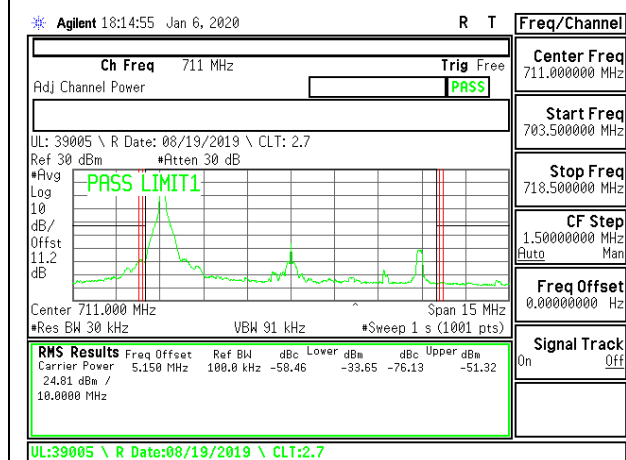
LTE B12 10MHz 16QAM Middle Channel RB1-49



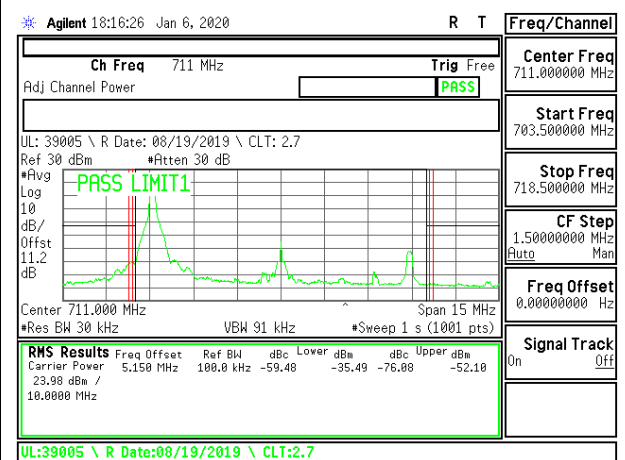
LTE B12 10MHz QPSK Middle Channel RB50-0



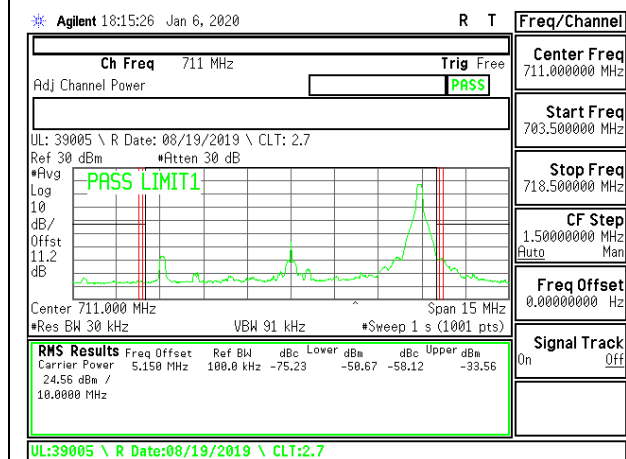
LTE B12 10MHz 16QAM Middle Channel RB50-0



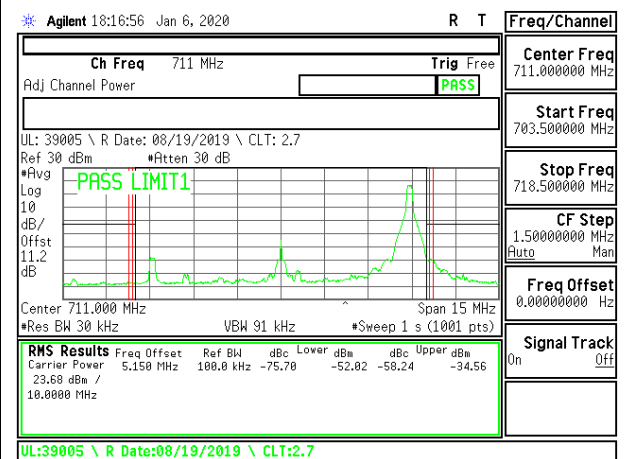
LTE B12 10MHz QPSK High Channel RB1-0



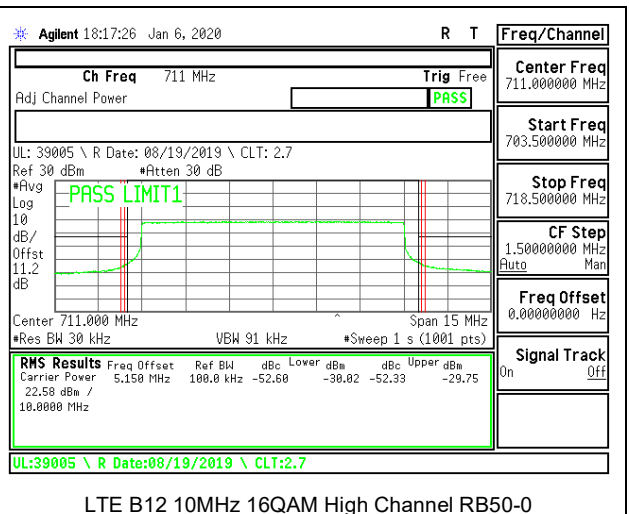
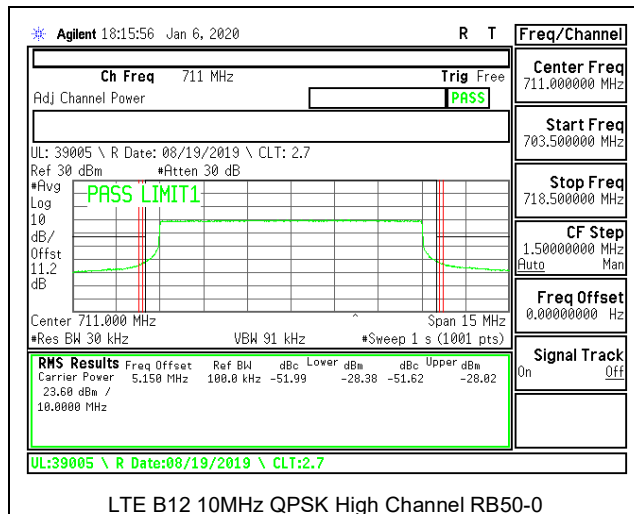
LTE B12 10MHz 16QAM High Channel RB1-0



LTE B12 10MHz QPSK High Channel RB1-49



LTE B12 10MHz 16QAM High Channel RB1-49



### 8.2.12. LTE BAND 13 ADJACENT CHANNEL POWER

#### LIMITS

FCC: §27.53

(c) For operations in the 746-758 MHz band and the 776-788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

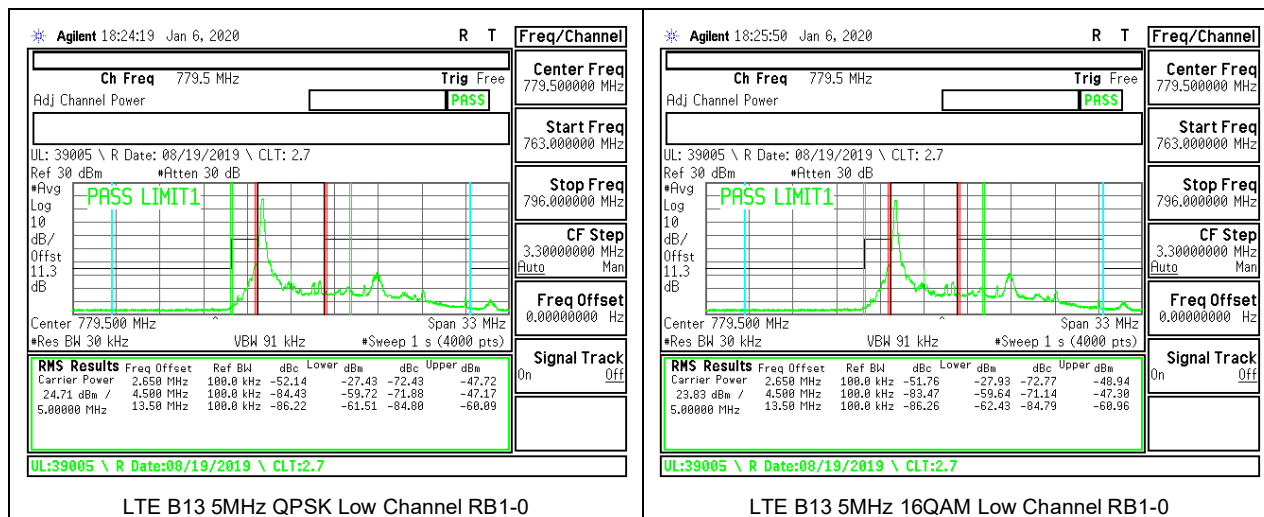
(2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least  $43 + 10 \log(P)$  dB;

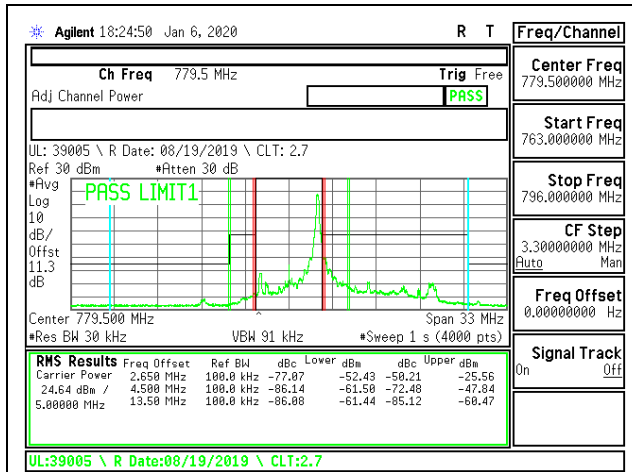
(4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than  $65 + 10 \log(P)$  dB in a 6.25 kHz band segment, for mobile and portable stations;

(5) Compliance with the provisions of paragraphs (c)(2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed;

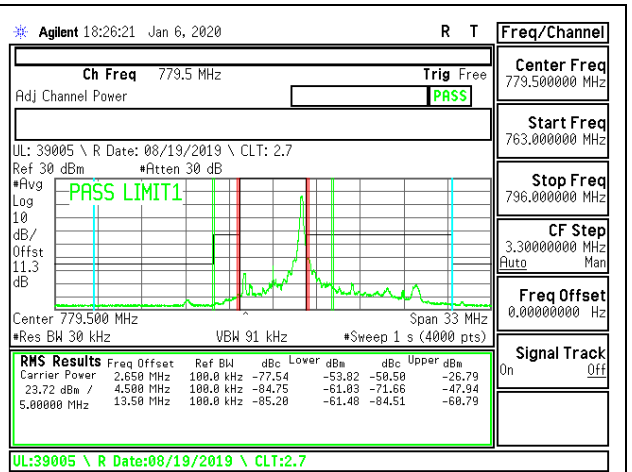
(6) Compliance with the provisions of paragraphs (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

(f) Emissions in the band 1559-1610 MHz shall be limited to  $-70$  dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals. ( $-70$  dBW/MHz =  $-40$  dBm/MHz).

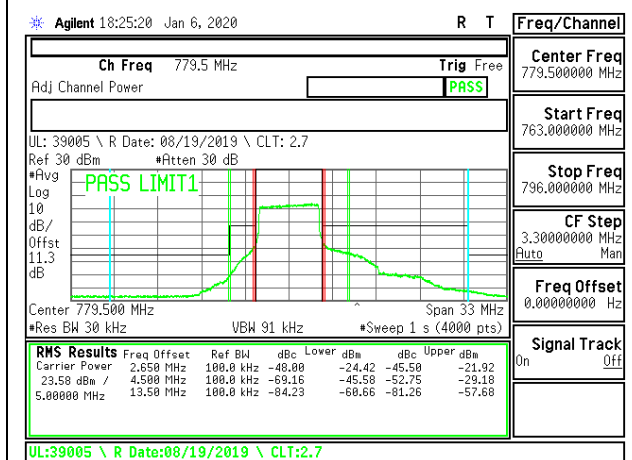




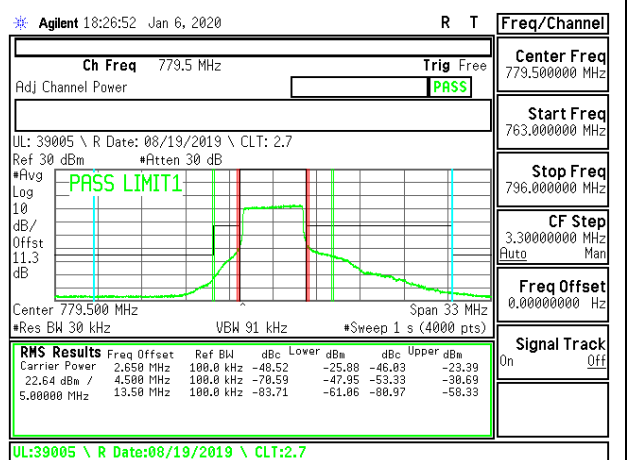
LTE B13 5MHz QPSK Low Channel RB1-24



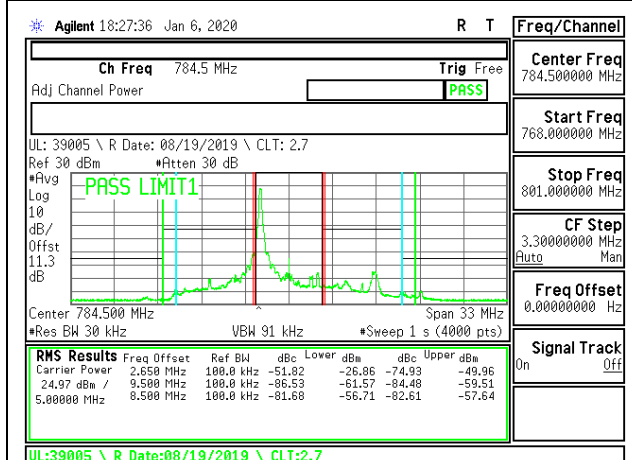
LTE B13 5MHz 16QAM Low Channel RB1-24



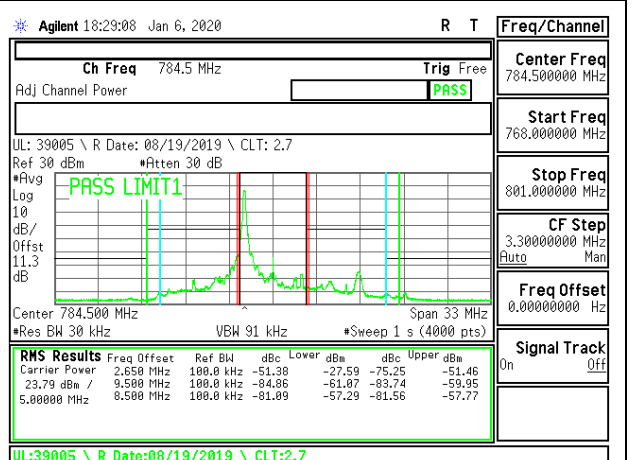
LTE B13 5MHz QPSK Low Channel RB25-0



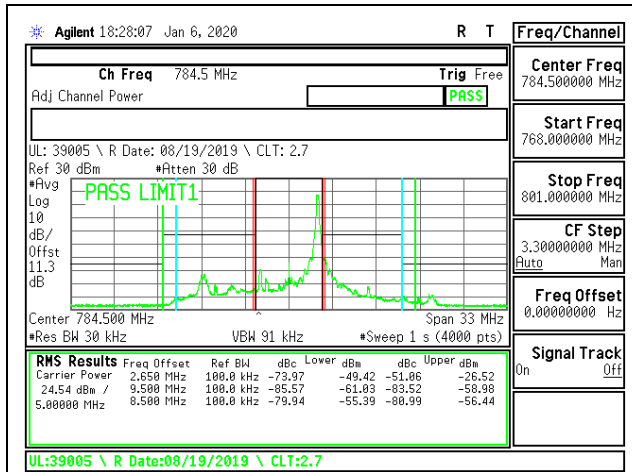
LTE B13 5MHz 16QAM Low Channel RB25-0



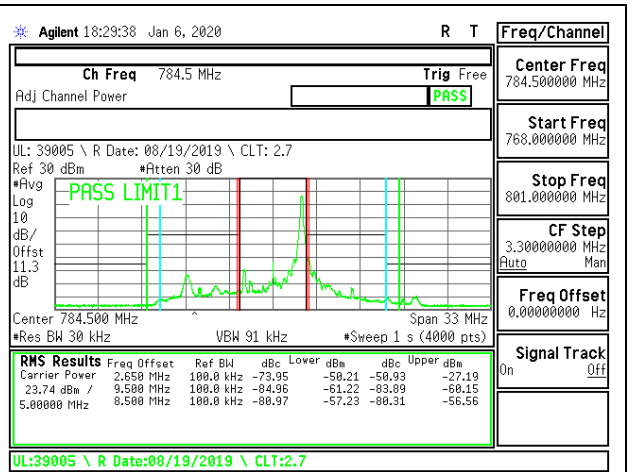
LTE B13 5MHz QPSK High Channel RB1-0



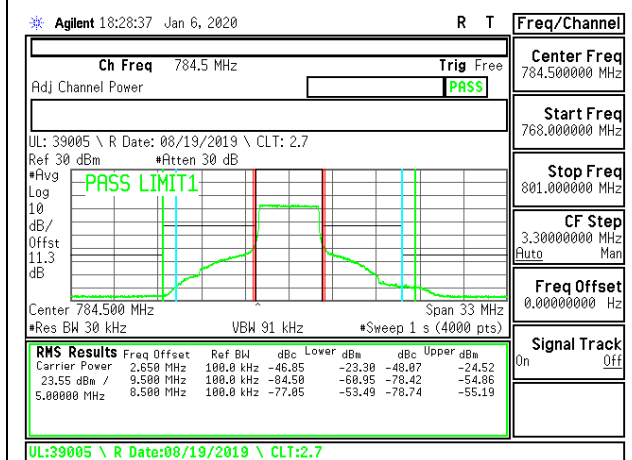
LTE B13 5MHz 16QAM High Channel RB1-0



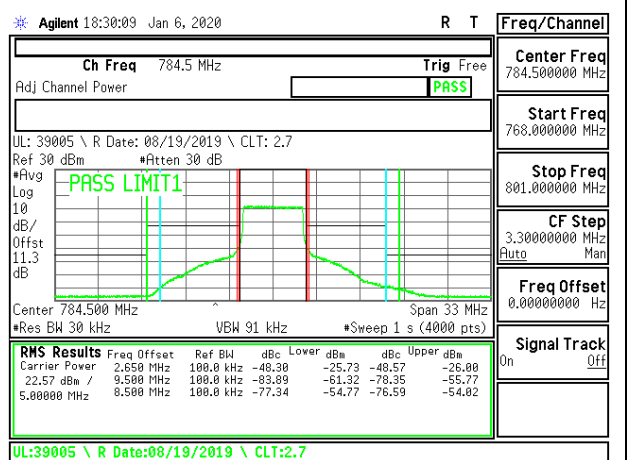
LTE B13 5MHz QPSK High Channel RB1-24



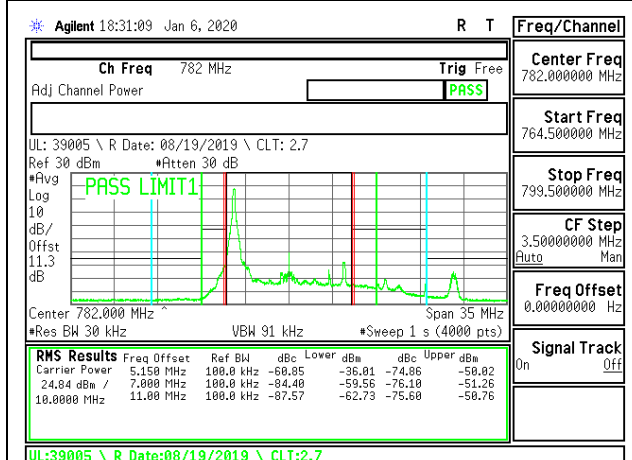
LTE B13 5MHz 16QAM High Channel RB1-24



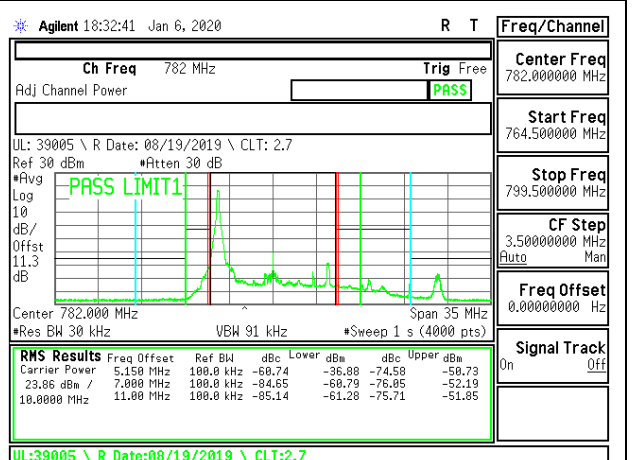
LTE B13 5MHz QPSK High Channel RB25-0



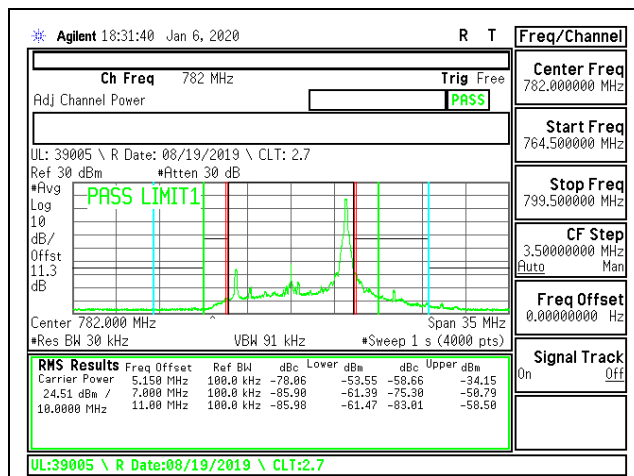
LTE B13 5MHz 16QAM High Channel RB25-0



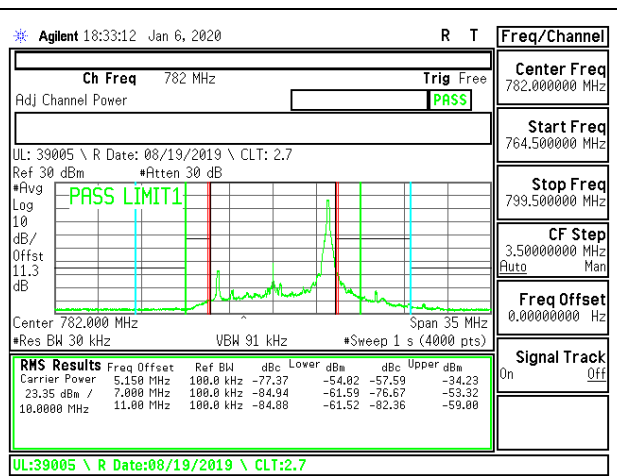
LTE B13 10MHz QPSK Middle Channel RB1-0



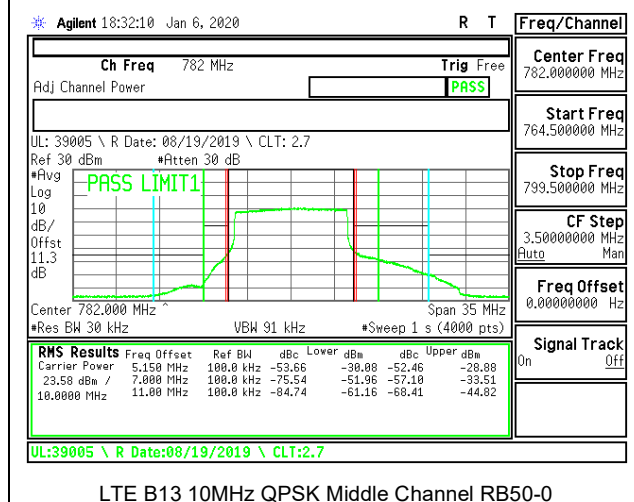
LTE B13 10MHz 16QAM Middle Channel RB1-0



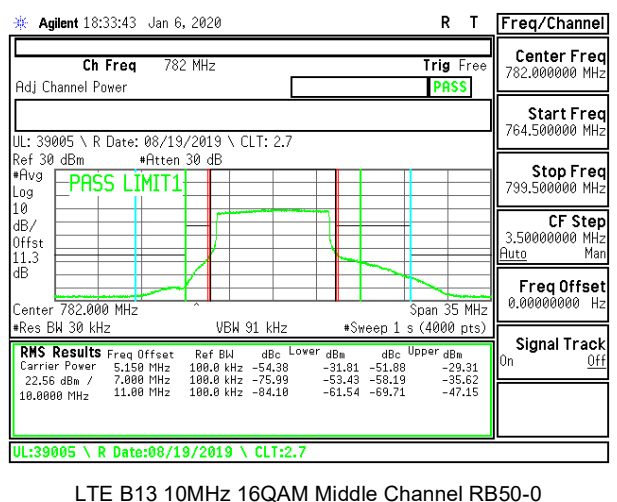
LTE B13 10MHz QPSK Middle Channel RB1-49



LTE B13 10MHz 16QAM Middle Channel RB1-49



LTE B13 10MHz QPSK Middle Channel RB50-0



LTE B13 10MHz 16QAM Middle Channel RB50-0

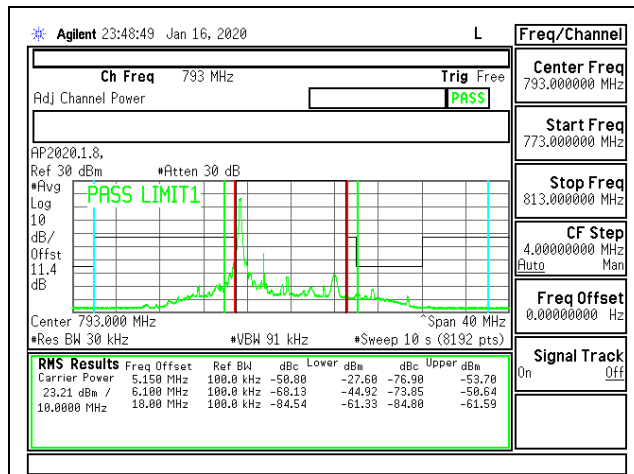
### 8.2.13. LTE BAND 14 ADJACENT CHANNEL POWER

#### LIMITS

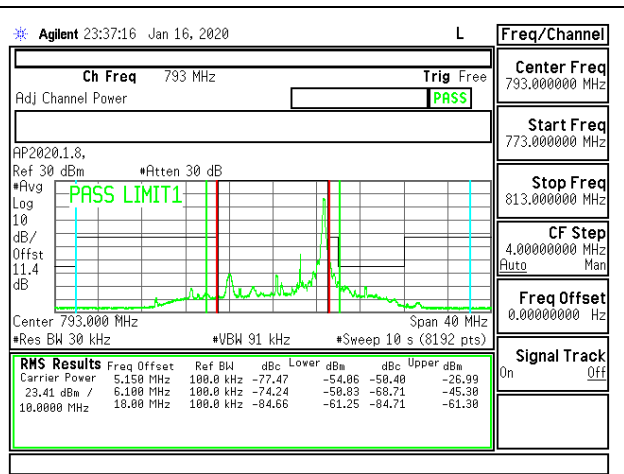
FCC: §27.53



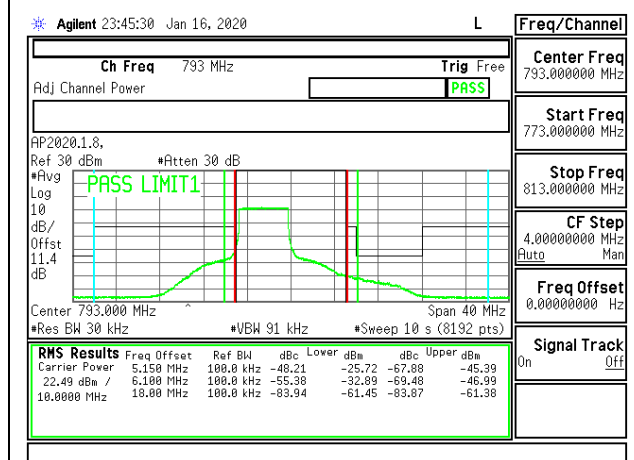




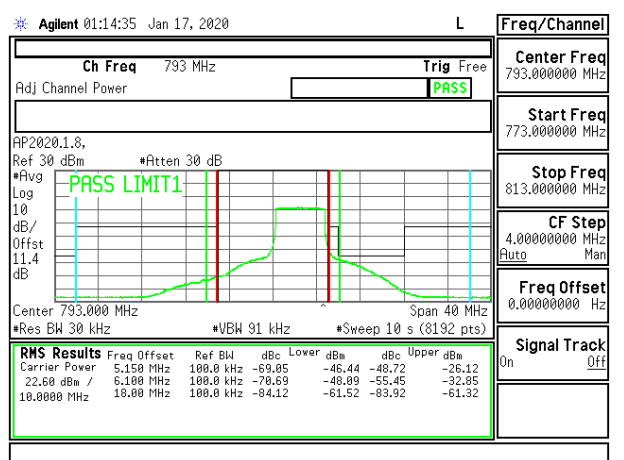
LTE B14 5MHz 16QAM Low Channel RB1-0



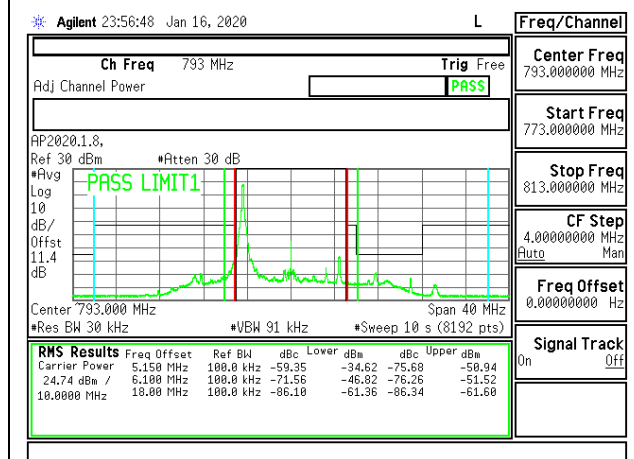
LTE B14 5MHz 16QAM High Channel RB1-24



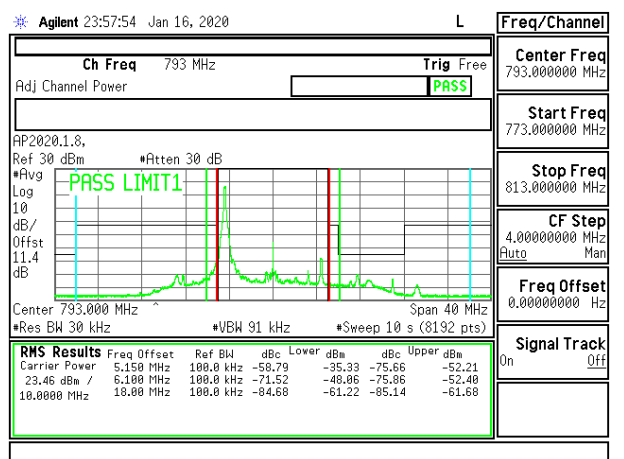
LTE B14 5MHz 16QAM Low Channel RB25-0



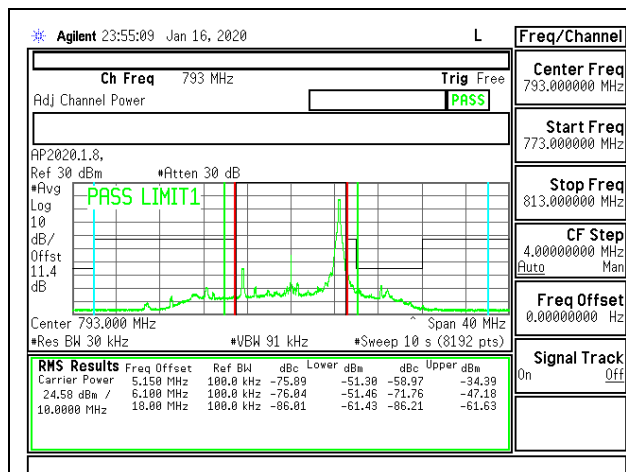
LTE B14 5MHz 16QAM High Channel RB25-0



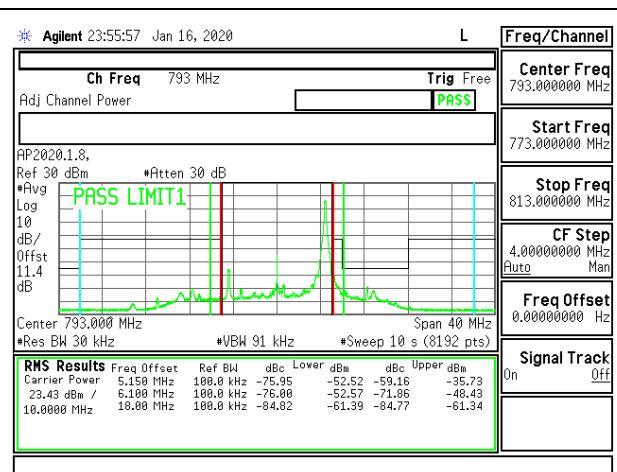
LTE B14 10MHz QPSK Middle Channel RB1-0



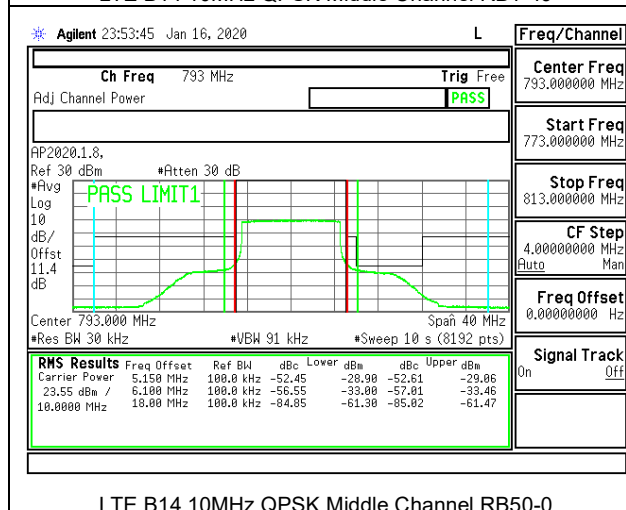
LTE B14 10MHz 16QAM Middle Channel RB1-0



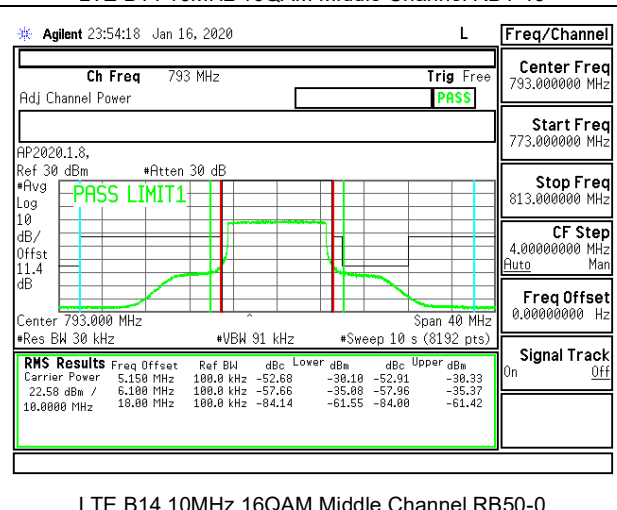
LTE B14 10MHz QPSK Middle Channel RB1-49



LTE B14 10MHz 16QAM Middle Channel RB1-49



LTE B14 10MHz QPSK Middle Channel RB50-0



LTE B14 10MHz 16QAM Middle Channel RB50-0

### 8.2.14. LTE BAND 25 BANDEDGE

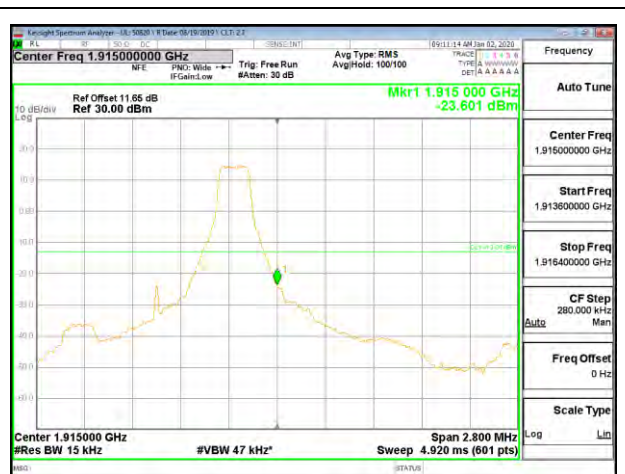
#### LIMITS

FCC: §24.238

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $43 + 10 \log (P)$  dB.



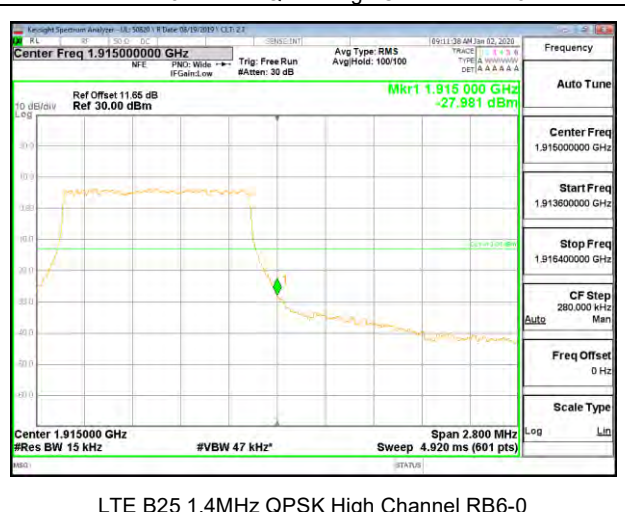
LTE B25 1.4MHz QPSK Low Channel RB1-0



LTE B25 1.4MHz QPSK High Channel RB1-5



LTE B25 1.4MHz QPSK Low Channel RB6-0



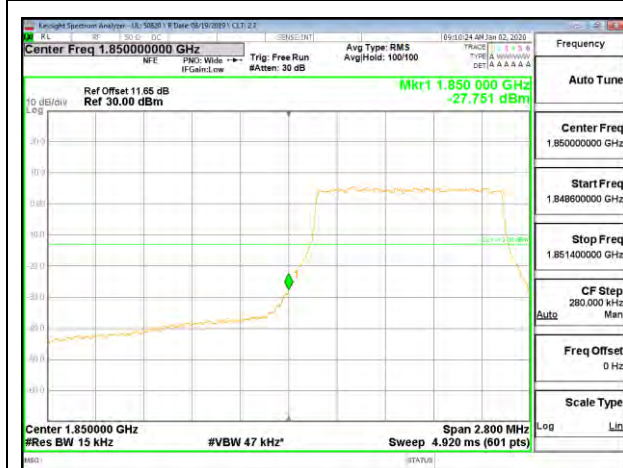
LTE B25 1.4MHz QPSK High Channel RB6-0



LTE B25 1.4MHz 16QAM Low Channel RB1-0



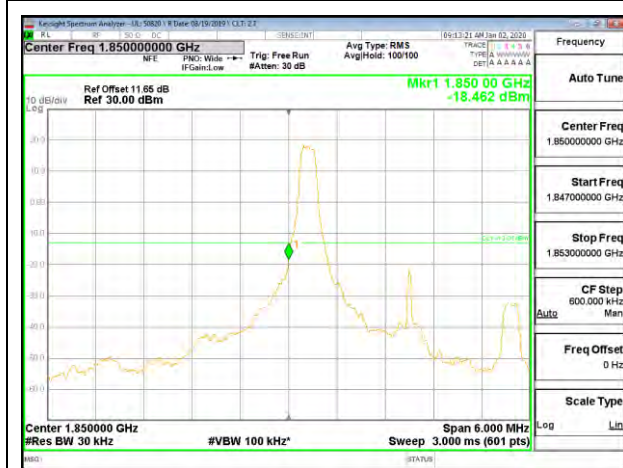
LTE B25 1.4MHz 16QAM High Channel RB1-5



LTE B25 1.4MHz 16QAM Low Channel RB6-0



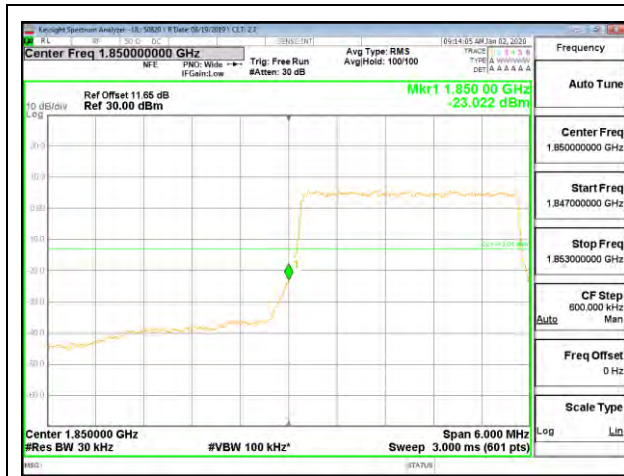
LTE B25 1.4MHz 16QAM High Channel RB6-0



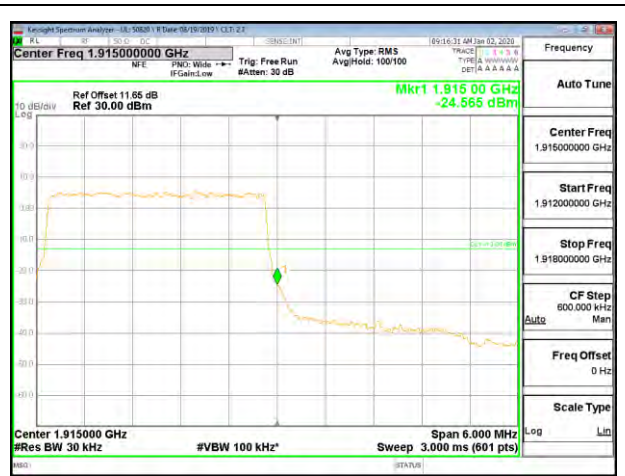
LTE B25 3MHz QPSK Low Channel RB1-0



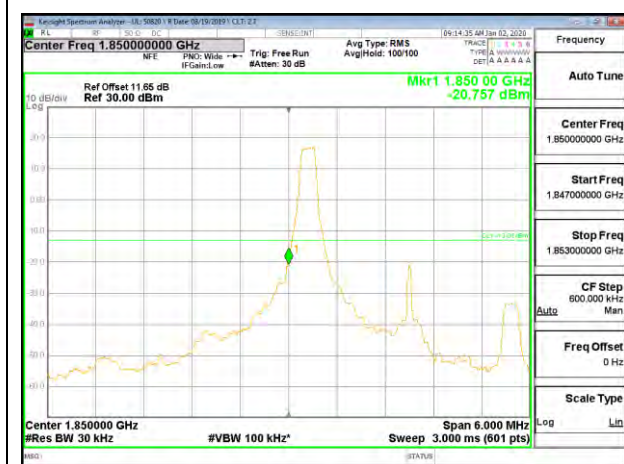
LTE B25 3MHz QPSK High Channel RB1-14



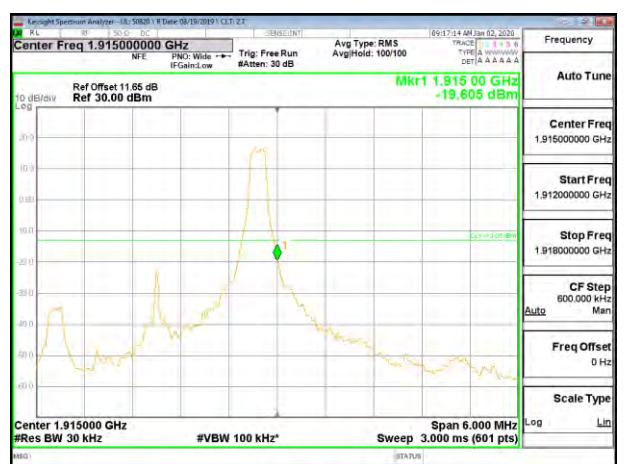
LTE B25 3MHz QPSK Low Channel RB15-0



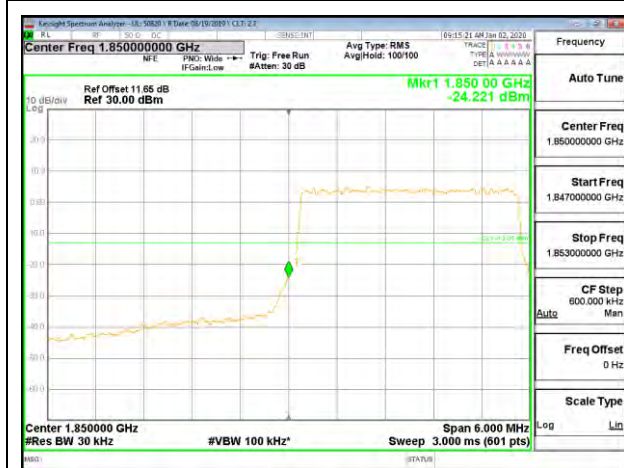
LTE B25 3MHz QPSK High Channel RB15-0



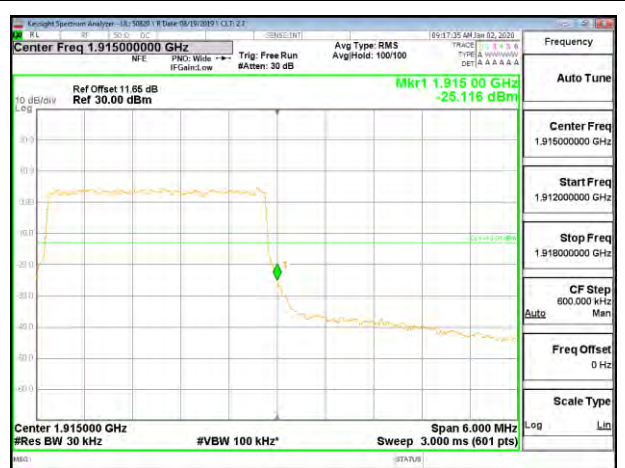
LTE B25 3MHz 16QAM Low Channel RB1-0



LTE B25 3MHz 16QAM High Channel RB1-14



LTE B25 3MHz 16QAM Low Channel RB15-0



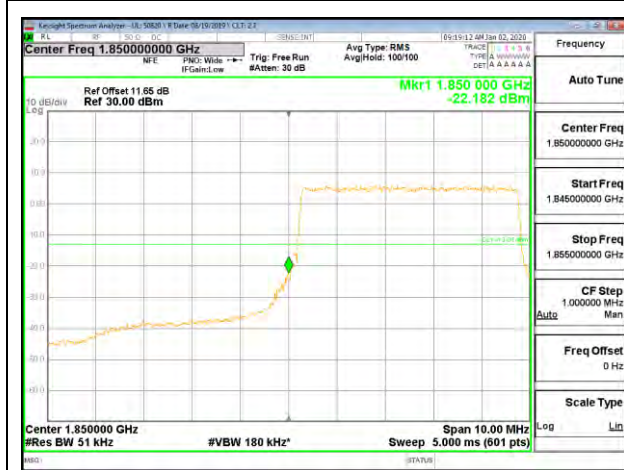
LTE B25 3MHz 16QAM High Channel RB15-0



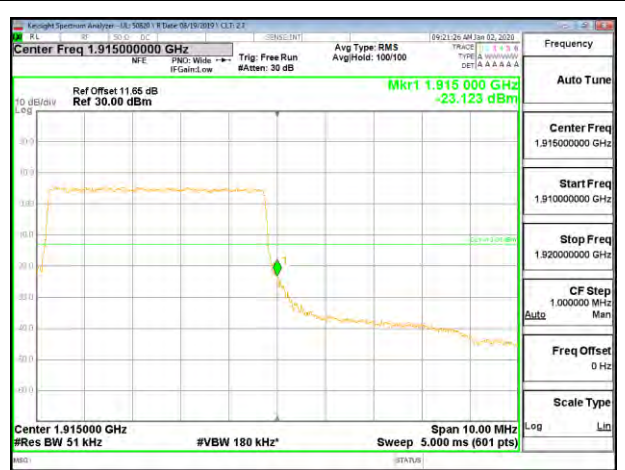
LTE B25 5MHz QPSK Low Channel RB1-0



LTE B25 5MHz QPSK High Channel RB1-24



LTE B25 5MHz QPSK Low Channel RB25-0



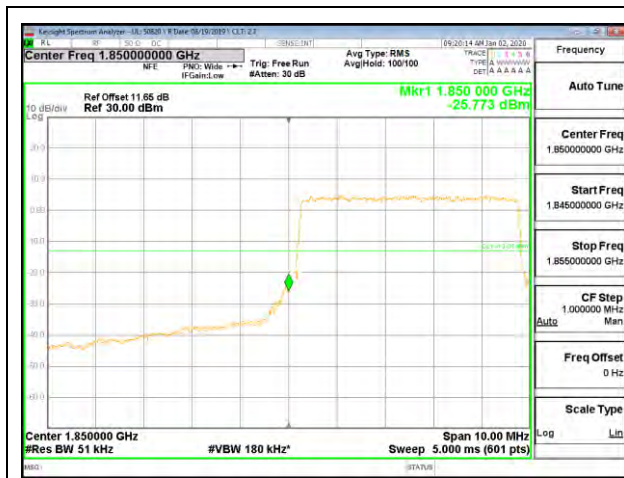
LTE B25 5MHz QPSK High Channel RB25-0



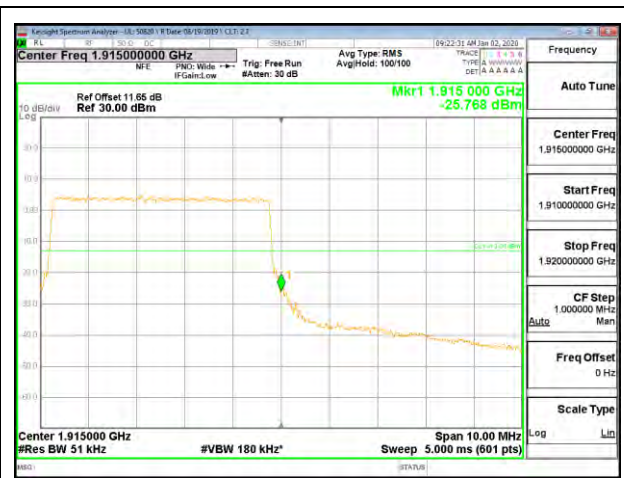
LTE B25 5MHz 16QAM Low Channel RB1-0



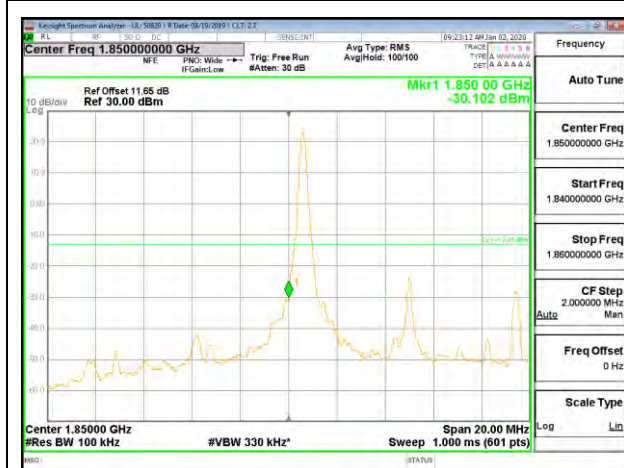
LTE B25 5MHz 16QAM High Channel RB1-24



LTE B25 5MHz 16QAM Low Channel RB25-0



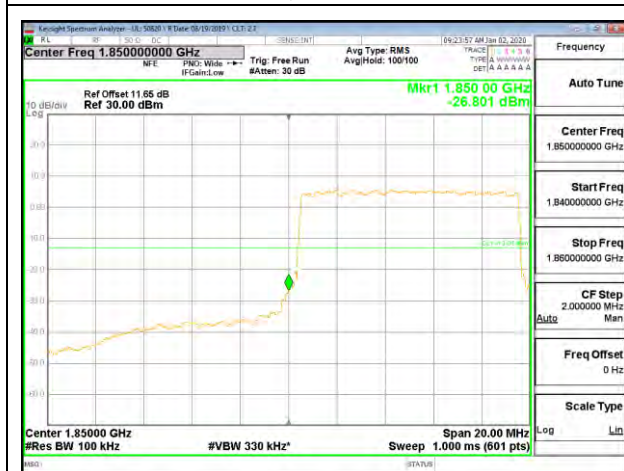
LTE B25 5MHz 16QAM High Channel RB25-0



LTE B25 10MHz QPSK Low Channel RB1-0



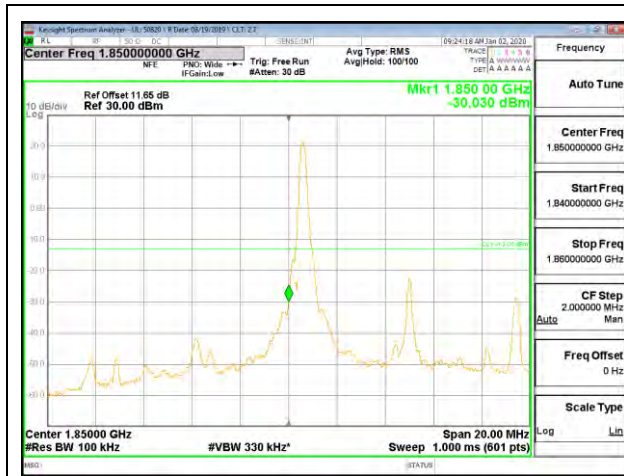
LTE B25 10MHz QPSK High Channel RB1-49



LTE B25 10MHz QPSK Low Channel RB50-0



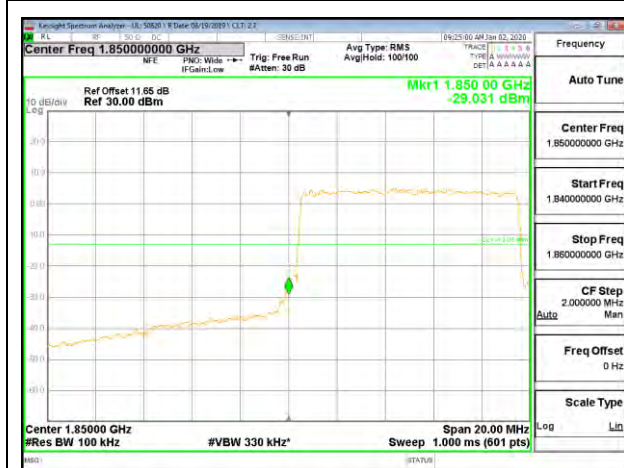
LTE B25 10MHz QPSK High Channel RB50-0



LTE B25 10MHz 16QAM Low Channel RB1-0



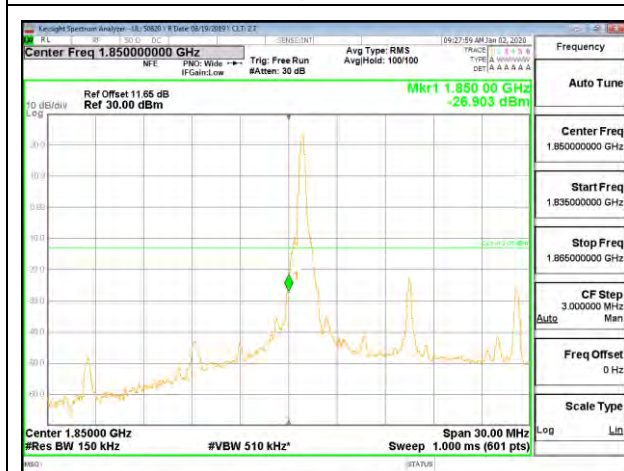
LTE B25 10MHz 16QAM High Channel RB1-49



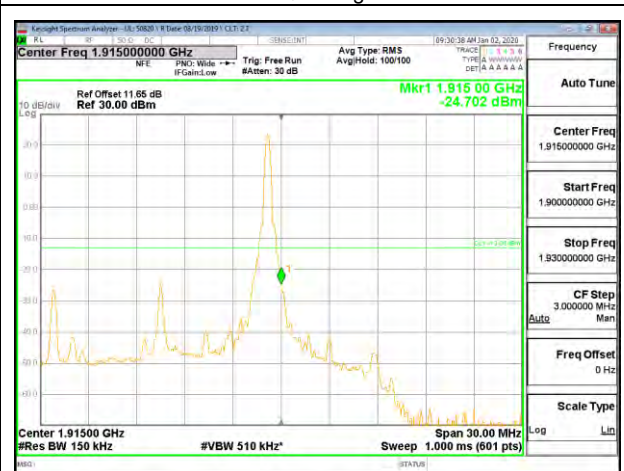
LTE B25 10MHz 16QAM Low Channel RB50-0



LTE B25 10MHz 16QAM High Channel RB50-0

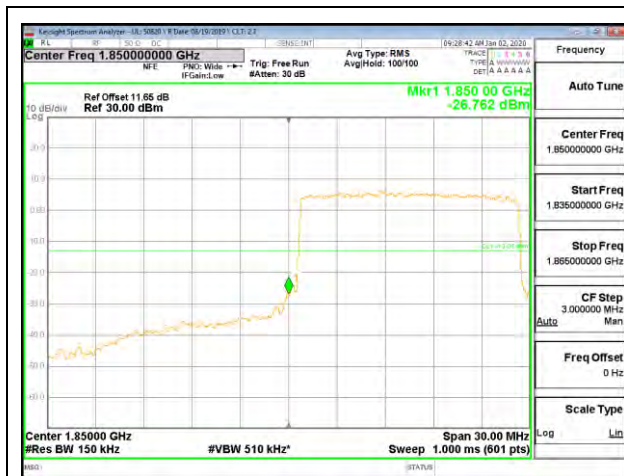


LTE B25 15MHz QPSK Low Channel RB1-0



LTE B25 15MHz QPSK High Channel RB1-74

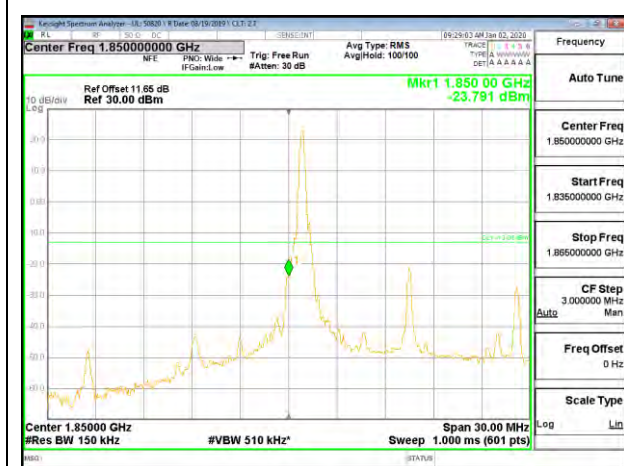




LTE B25 15MHz QPSK Low Channel RB75-0



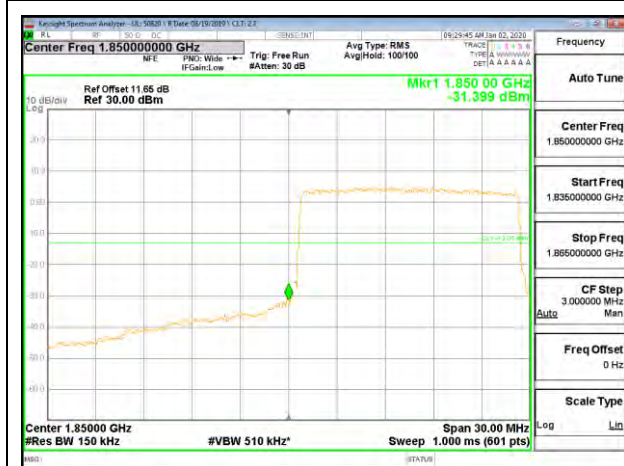
LTE B25 15MHz QPSK High Channel RB75-0



LTE B25 15MHz 16QAM Low Channel RB1-0



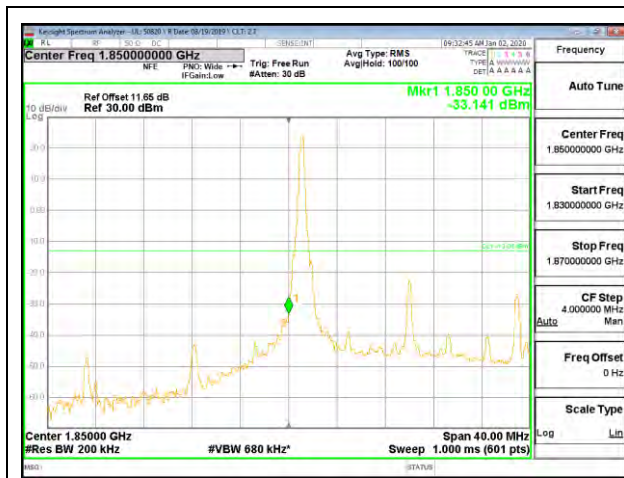
LTE B25 15MHz 16QAM High Channel RB1-74



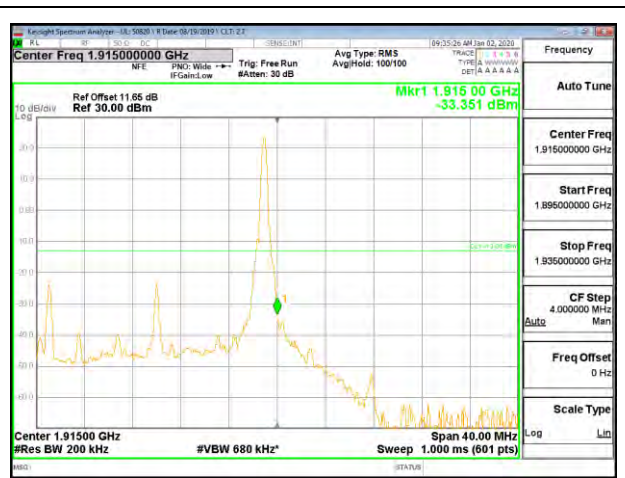
LTE B25 15MHz 16QAM Low Channel RB75-0



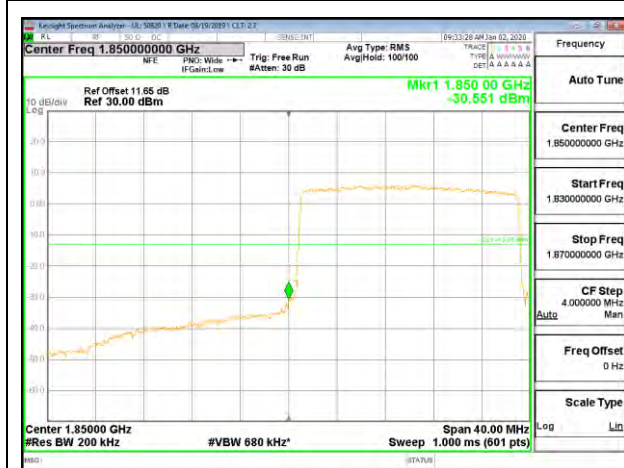
LTE B25 15MHz 16QAM High Channel RB75-0



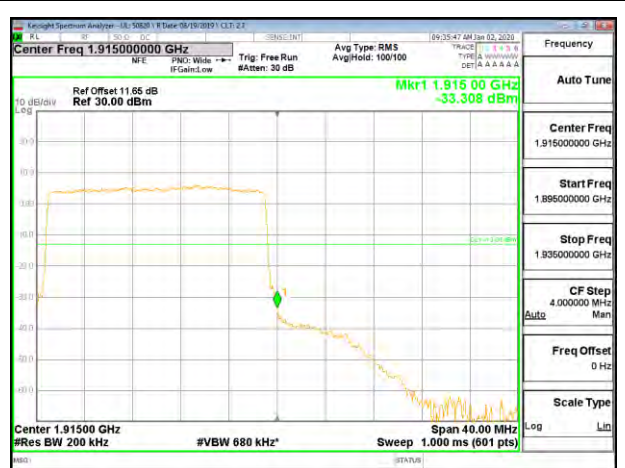
LTE B25 20MHz QPSK Low Channel RB1-0



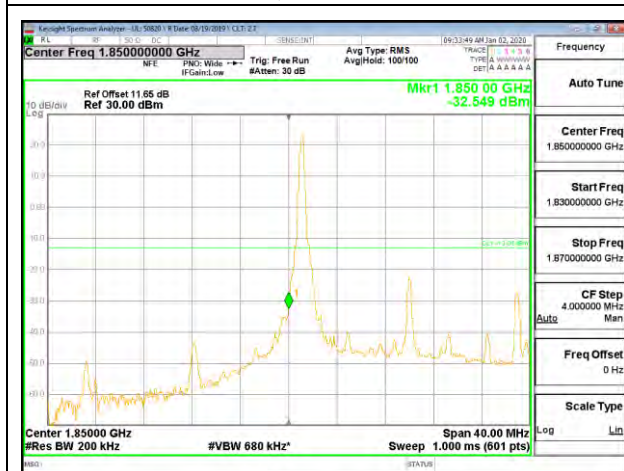
LTE B25 20MHz QPSK High Channel RB1-99



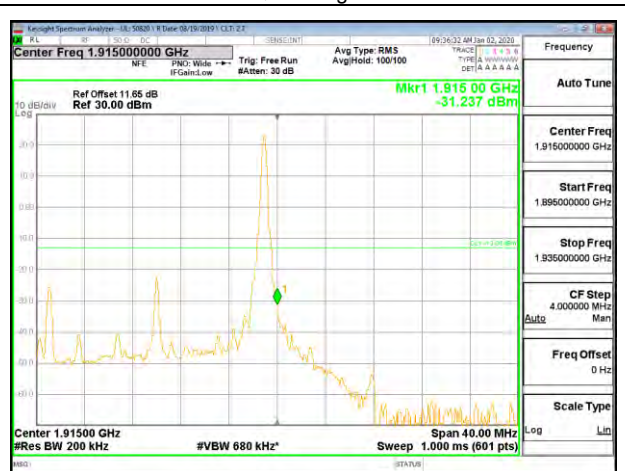
LTE B25 20MHz QPSK Low Channel RB100-0



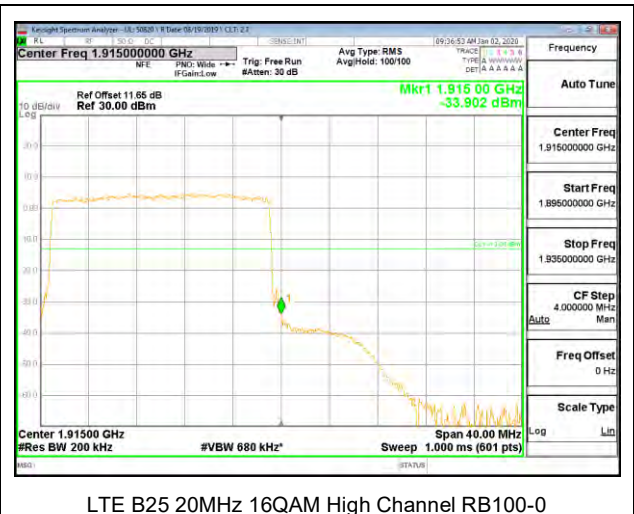
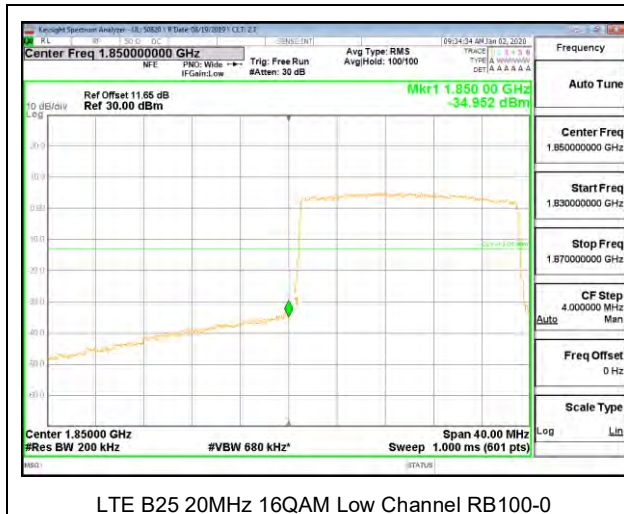
LTE B25 20MHz QPSK High Channel RB100-0



LTE B25 20MHz 16QAM Low Channel RB1-0



LTE B25 20MHz 16QAM High Channel RB1-99



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

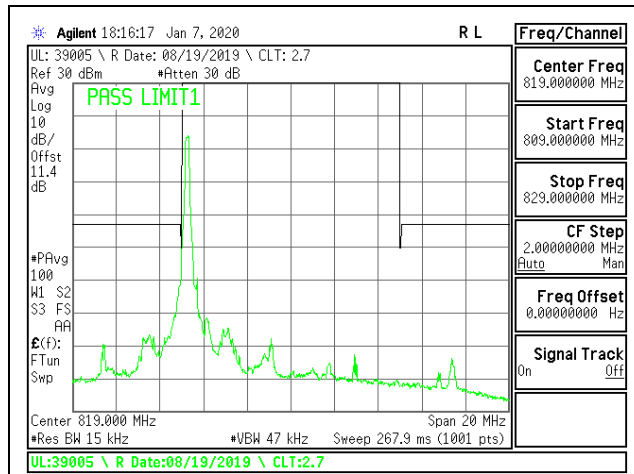
#### LIMITS

FCC: §90.691 Emission mask requirements for EA-based systems.

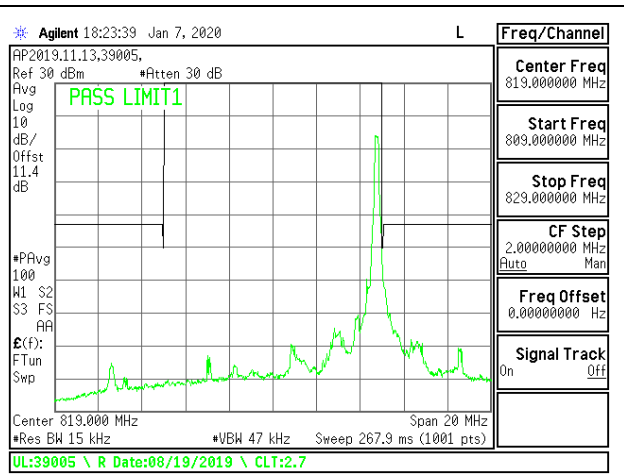
(a) Out-of-band emission requirement shall apply only to the “outer” channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least  $116 \text{ Log}_{10}(f/6.1)$  decibels or  $50 + 10 \text{ Log}_{10}(P)$  decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

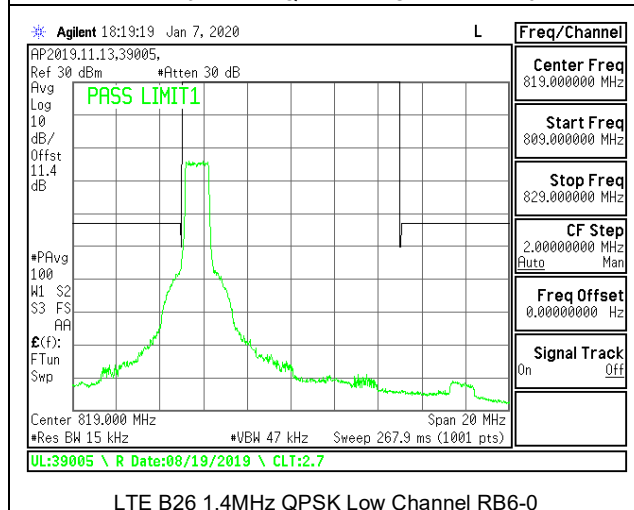
(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least  $43 + 10 \text{ Log}_{10}(P)$  decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.



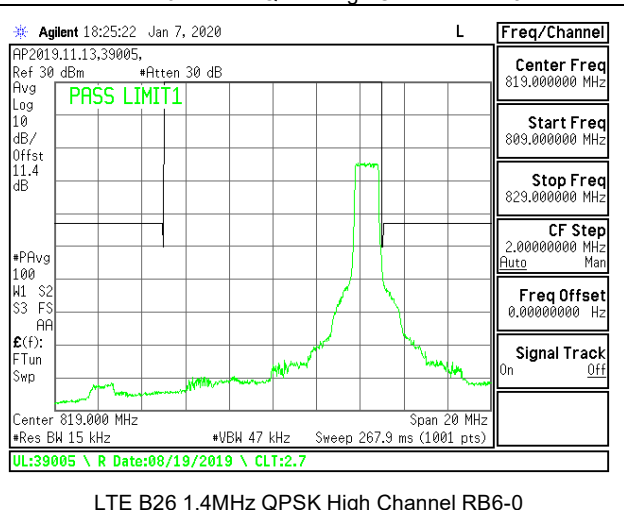
LTE B26 1.4MHz QPSK Low Channel RB1-0



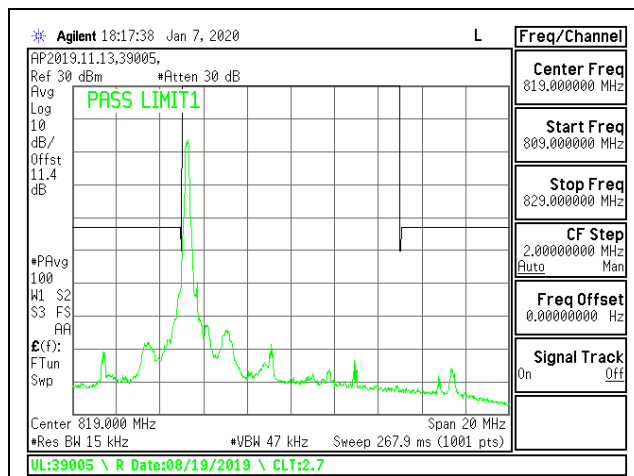
LTE B26 1.4MHz QPSK High Channel RB1-5



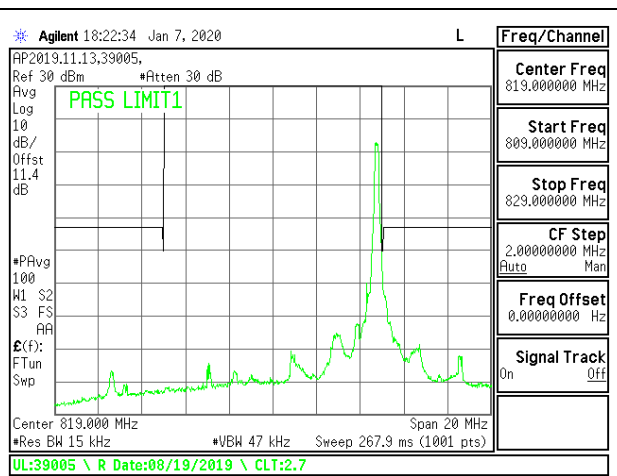
LTE B26 1.4MHz QPSK Low Channel RB6-0



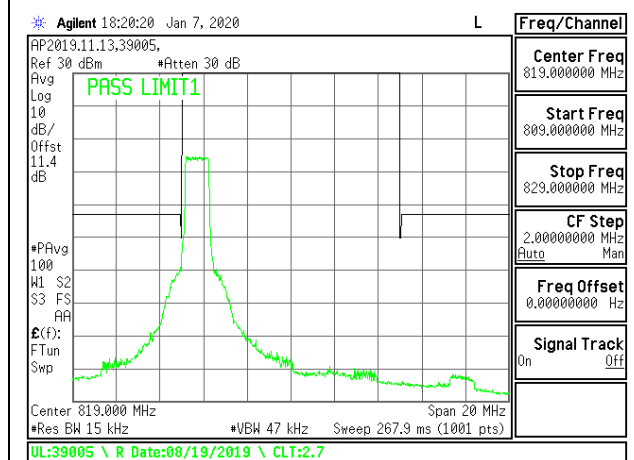
LTE B26 1.4MHz QPSK High Channel RB6-0



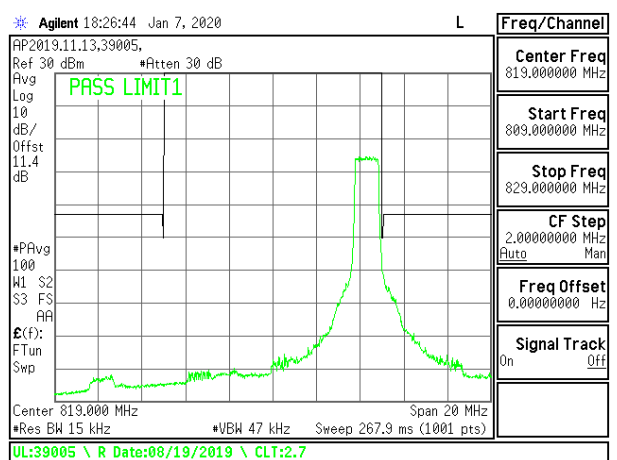
LTE B26 1.4MHz 16QAM Low Channel RB1-0



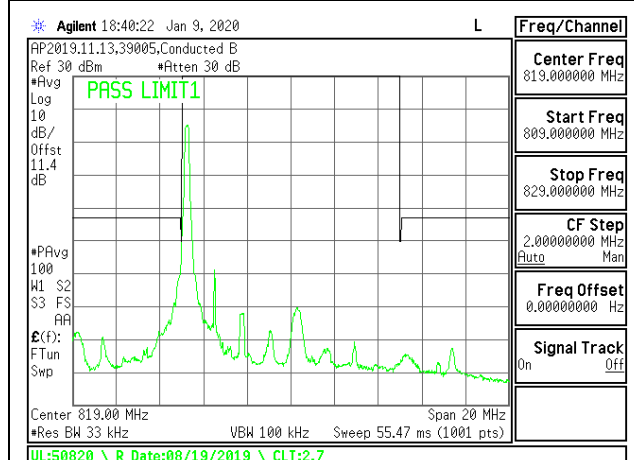
LTE B26 1.4MHz 16QAM High Channel RB1-5



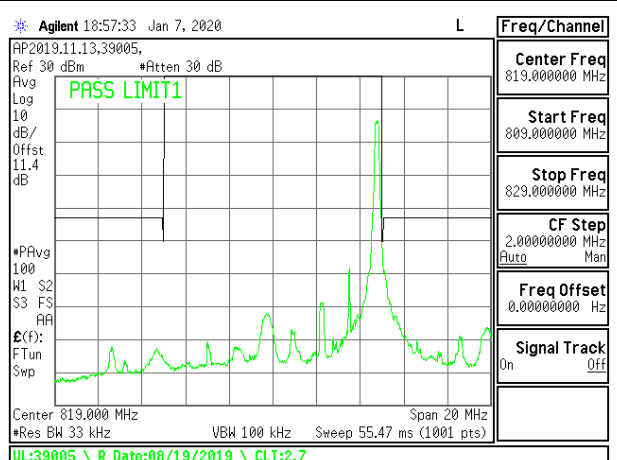
LTE B26 1.4MHz 16QAM Low Channel RB6-0



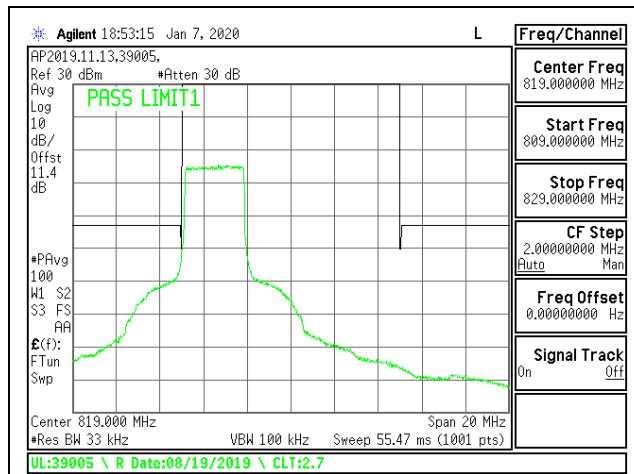
LTE B26 1.4MHz 16QAM High Channel RB6-0



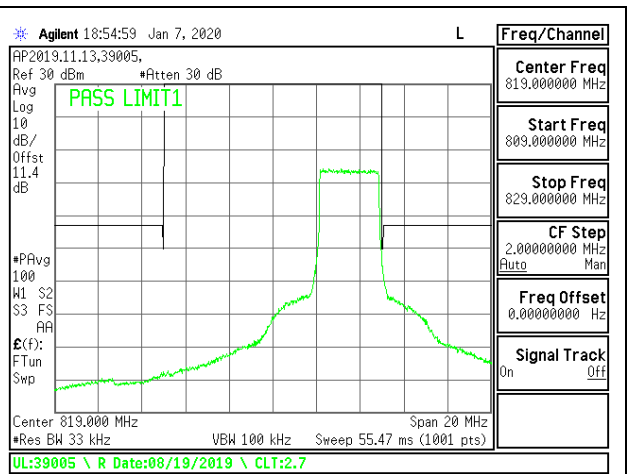
LTE B26 3MHz QPSK Low Channel RB1-0



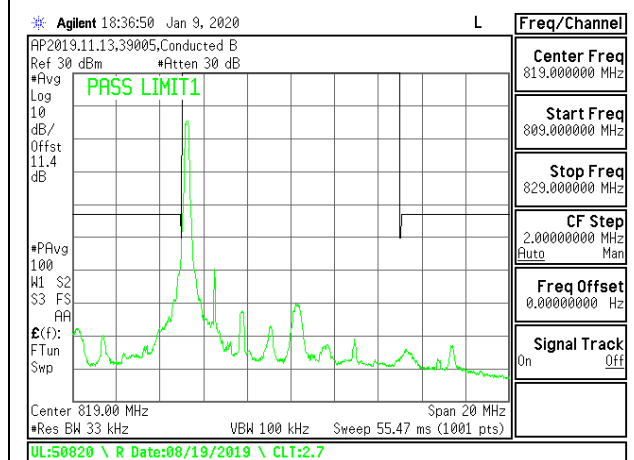
LTE B26 3MHz QPSK High Channel RB1-14



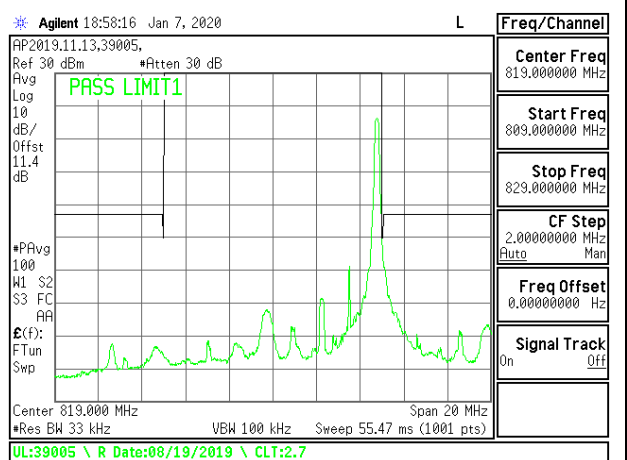
LTE B26 3MHz QPSK Low Channel RB15-0



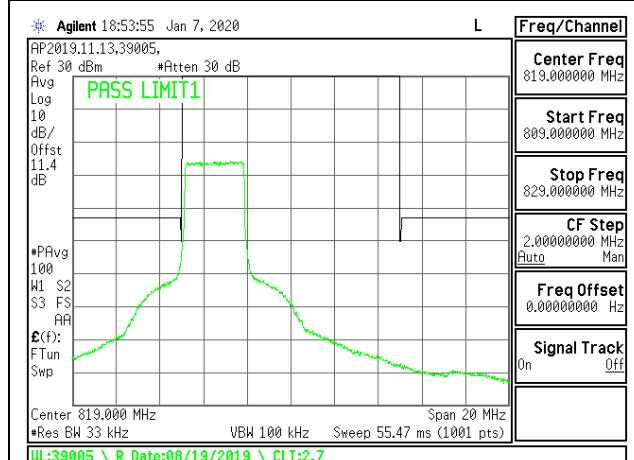
LTE B26 3MHz QPSK High Channel RB15-0



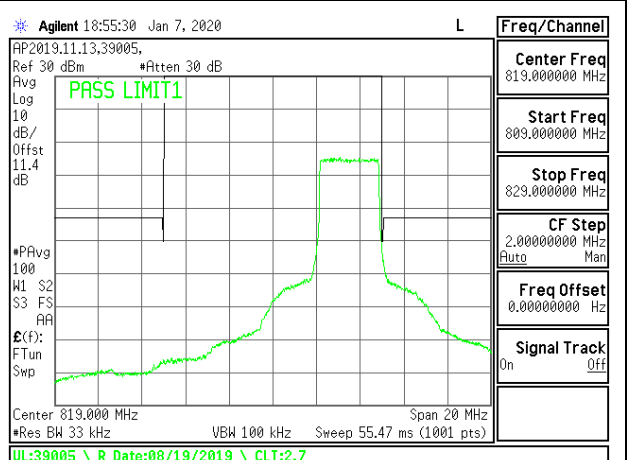
LTE B26 3MHz 16QAM Low Channel RB1-0



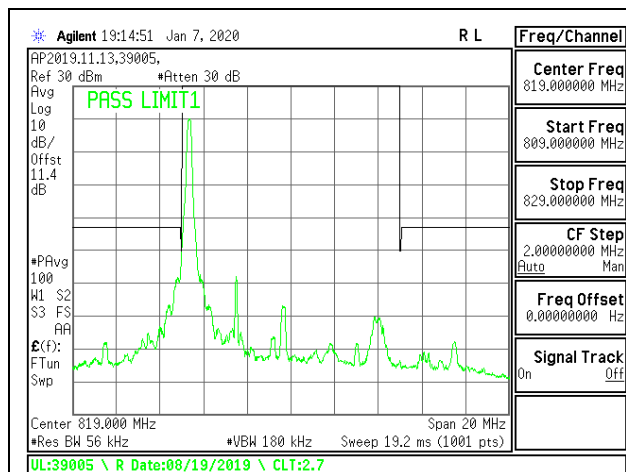
LTE B26 3MHz 16QAM High Channel RB1-14



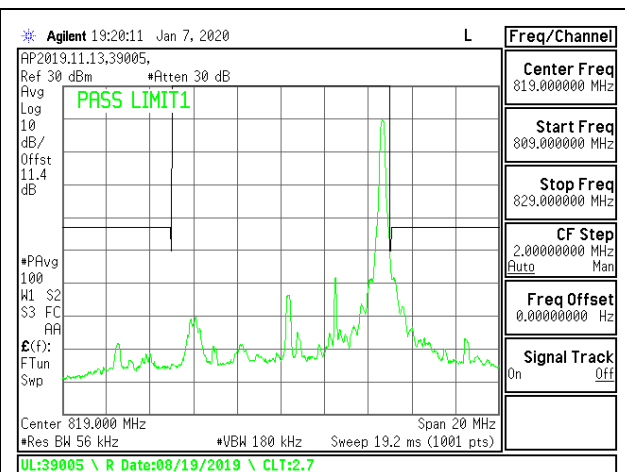
LTE B26 3MHz 16QAM Low Channel RB15-0



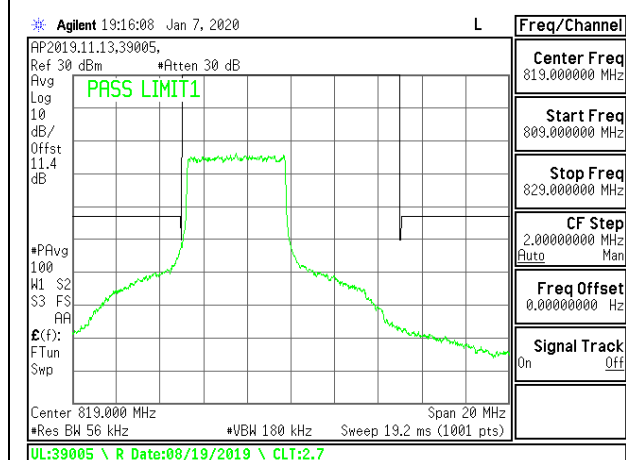
LTE B26 3MHz 16QAM High Channel RB15-0



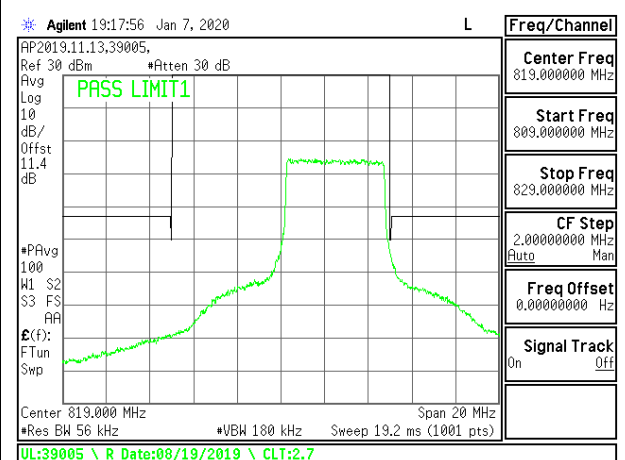
LTE B26 5MHz QPSK Low Channel RB1-0



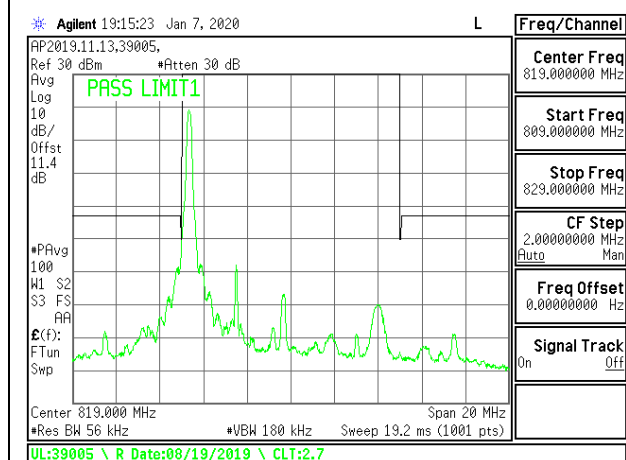
LTE B26 5MHz QPSK High Channel RB1-24



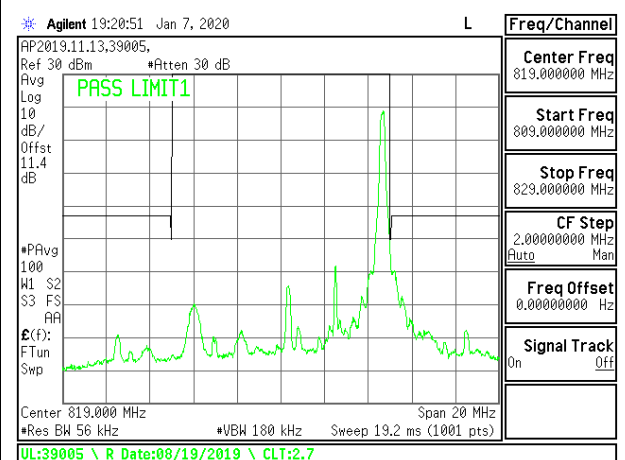
LTE B26 5MHz QPSK Low Channel RB25-0



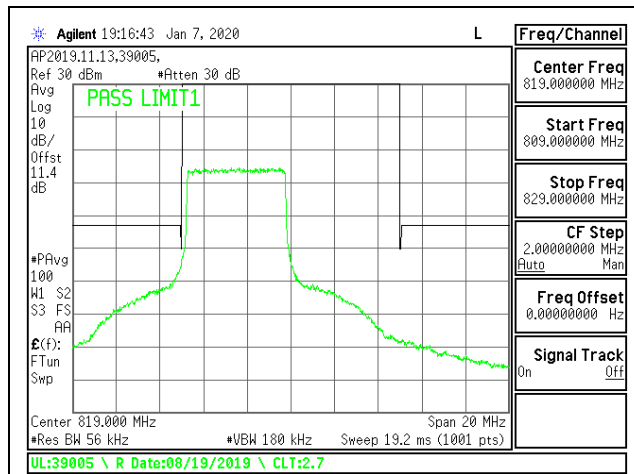
LTE B26 5MHz QPSK High Channel RB25-0



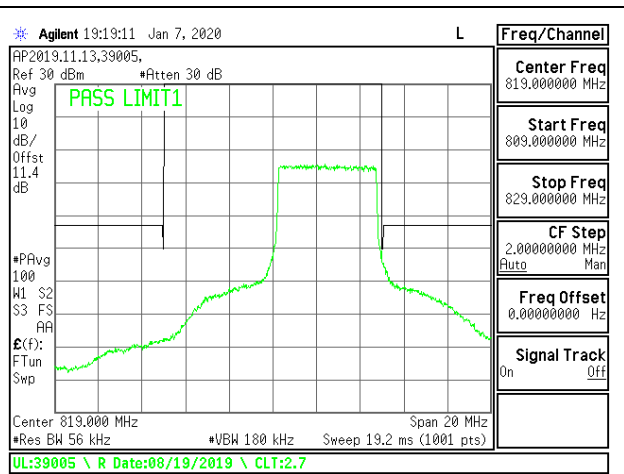
LTE B26 5MHz 16QAM Low Channel RB1-0



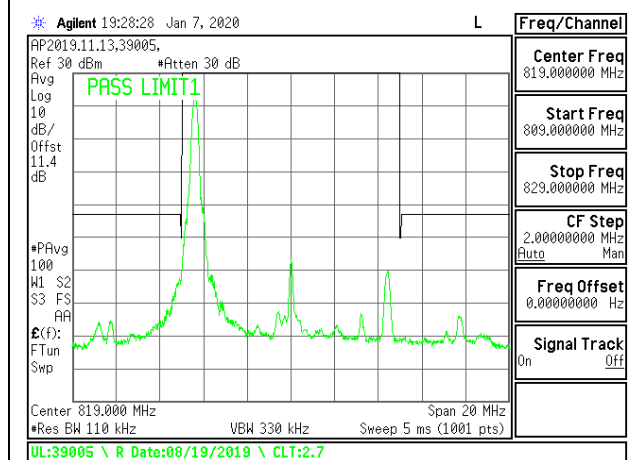
LTE B26 5MHz 16QAM High Channel RB1-24



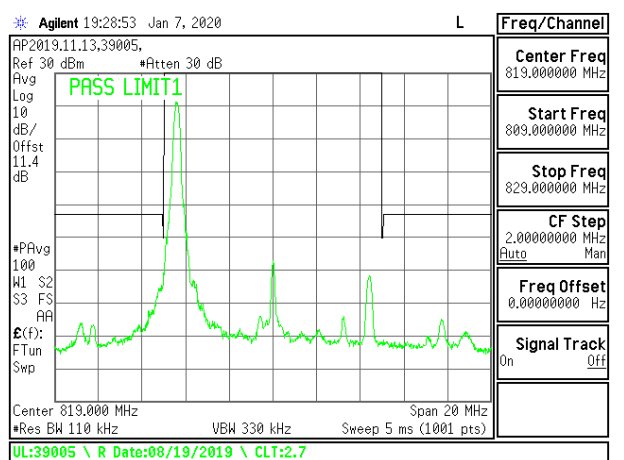
LTE B26 5MHz 16QAM Low Channel RB25-0



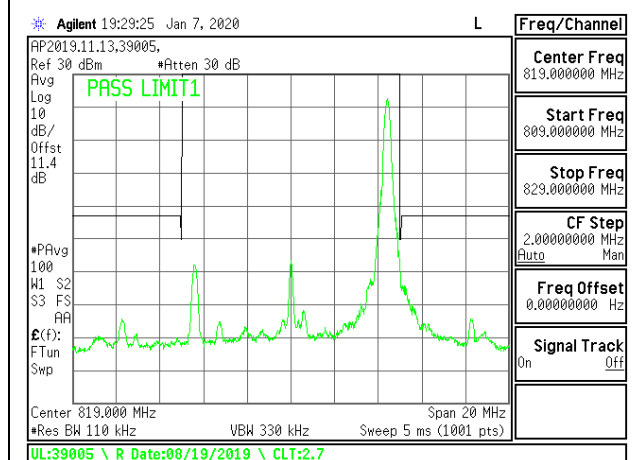
LTE B26 5MHz 16QAM High Channel RB25-0



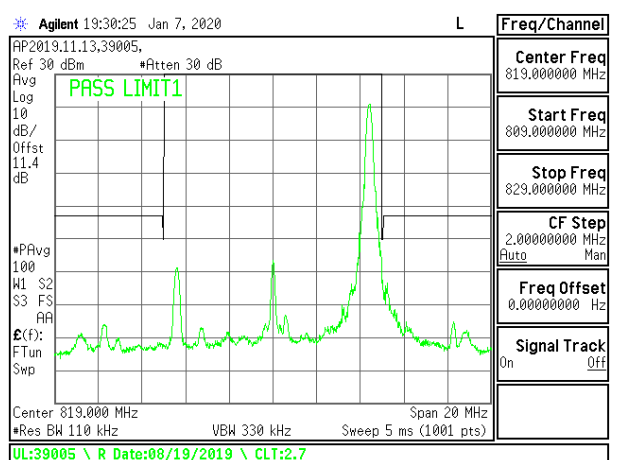
LTE B26 10MHz QPSK Middle Channel RB1-0



LTE B26 10MHz 16QAM Middle Channel RB1-0

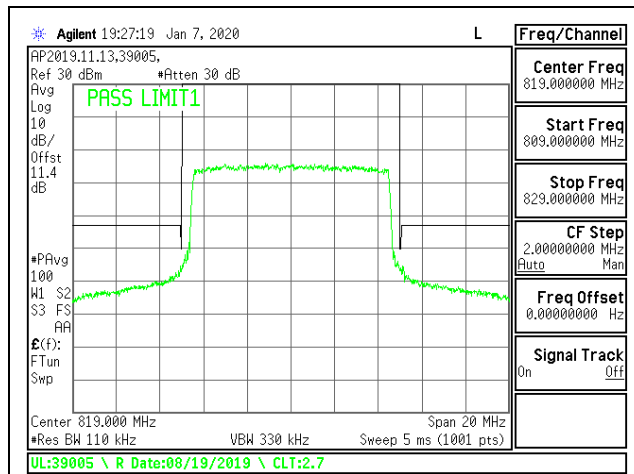


LTE B26 10MHz QPSK Middle Channel RB1-49

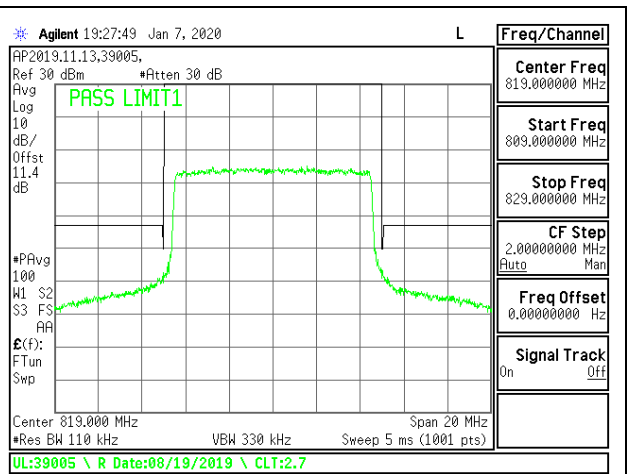


LTE B26 10MHz 16QAM Middle Channel RB1-49

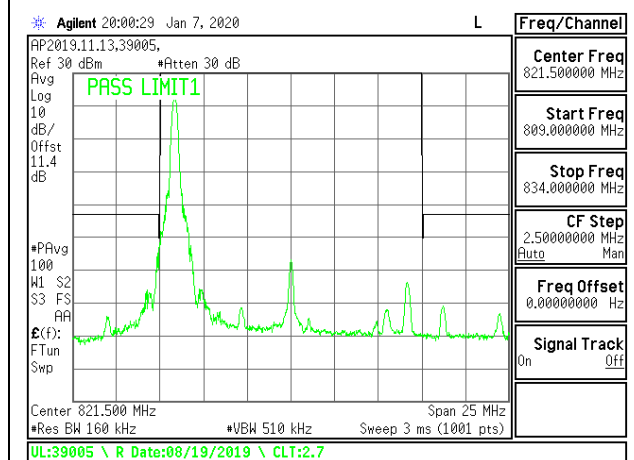




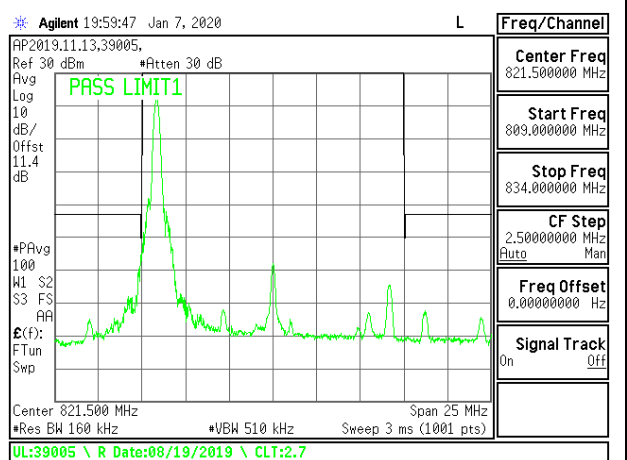
LTE B26 10MHz QPSK Middle Channel RB50-0



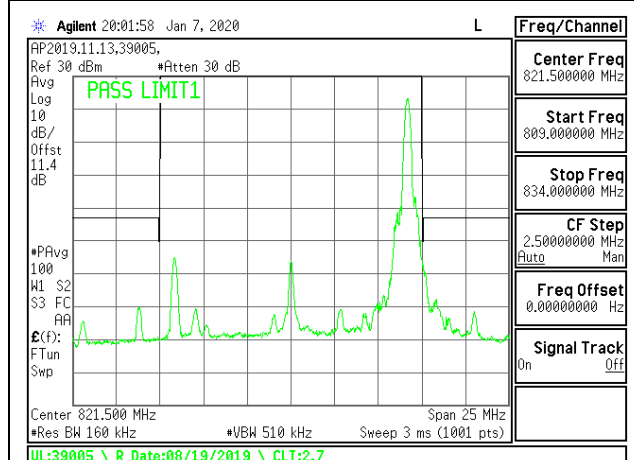
LTE B26 10MHz 16QAM Middle Channel RB50-0



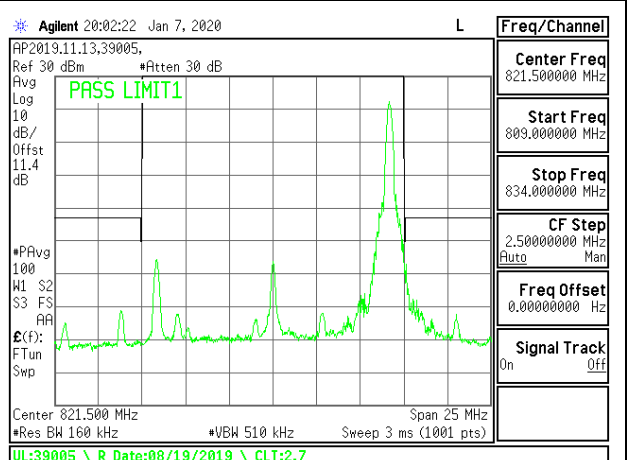
LTE B26 15MHz QPSK Low Channel RB1-0



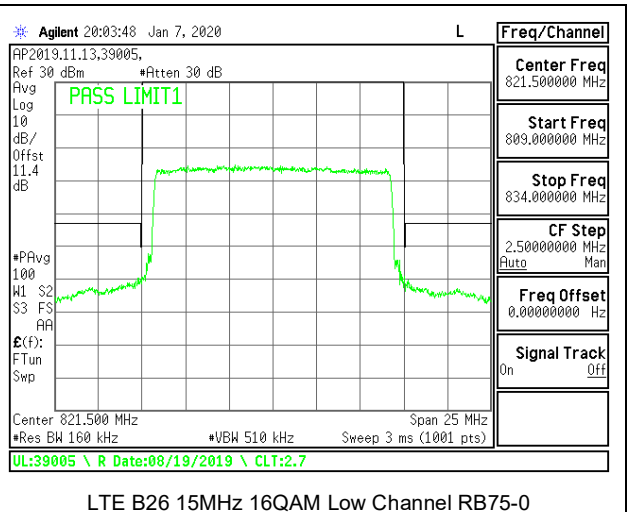
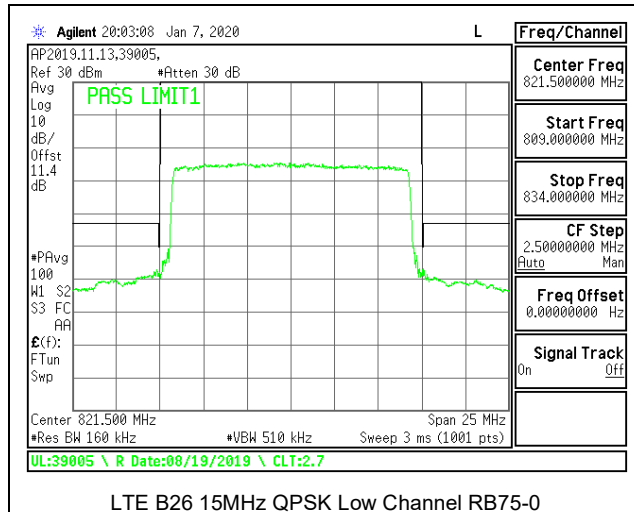
LTE B26 15MHz 16QAM Low Channel RB1-0



LTE B26 15MHz QPSK Low Channel RB1-74



LTE B26 15MHz 16QAM Low Channel RB1-74



### 8.2.16. LTE BAND 26 BANDEDGE (FCC PART 22)

#### LIMITS

FCC: §22.917

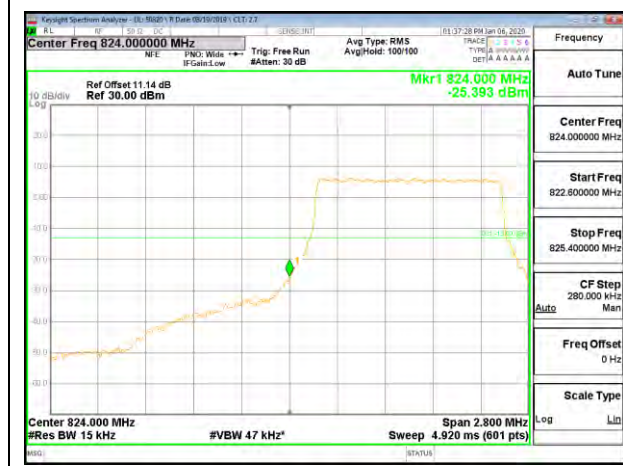
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $43 + 10 \log (P)$  dB.



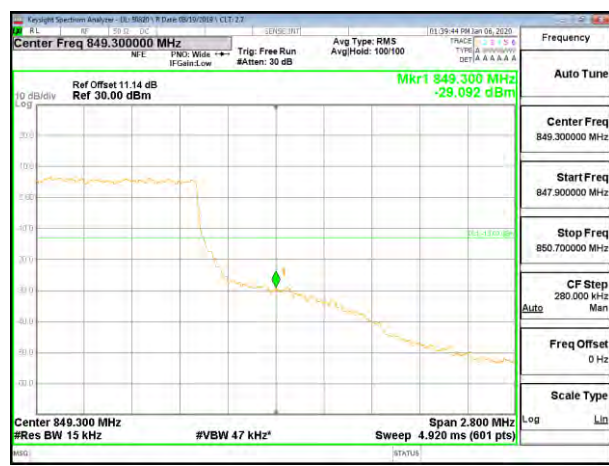
LTE B26 1.4MHz QPSK Low Channel RB1-0



LTE B26 1.4MHz QPSK High Channel RB1-5



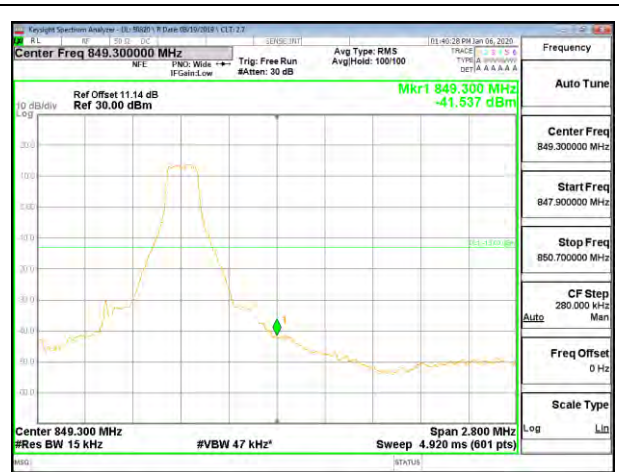
LTE B26 1.4MHz QPSK Low Channel RB6-0



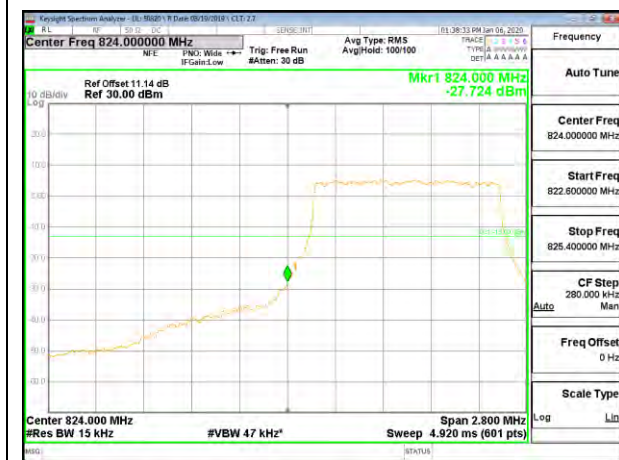
LTE B26 1.4MHz QPSK High Channel RB6-0



LTE B26 1.4MHz 16QAM Low Channel RB1-0



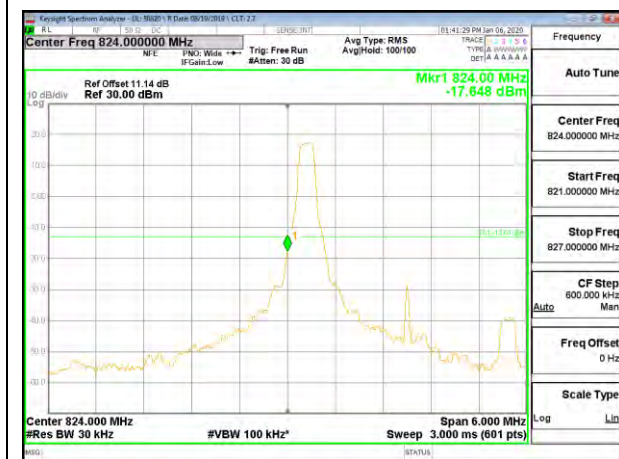
LTE B26 1.4MHz 16QAM High Channel RB1-5



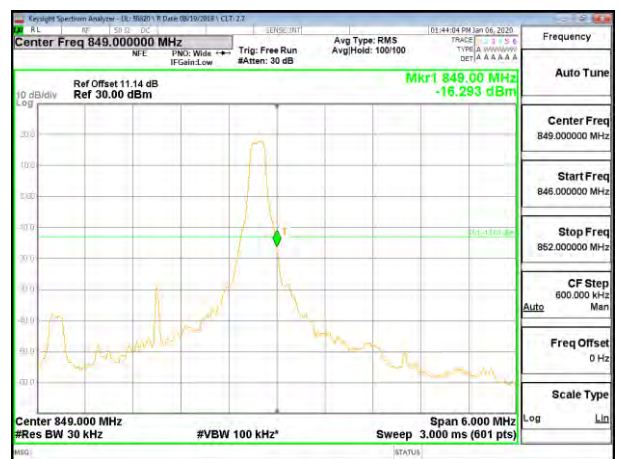
LTE B26 1.4MHz 16QAM Low Channel RB6-0



LTE B26 1.4MHz 16QAM High Channel RB6-0



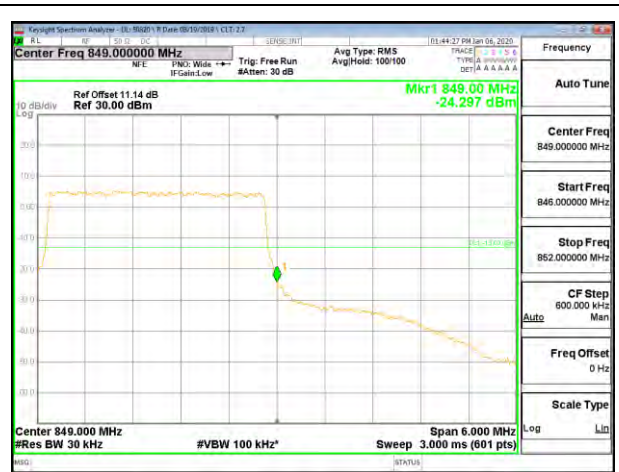
LTE B26 3MHz QPSK Low Channel RB1-0



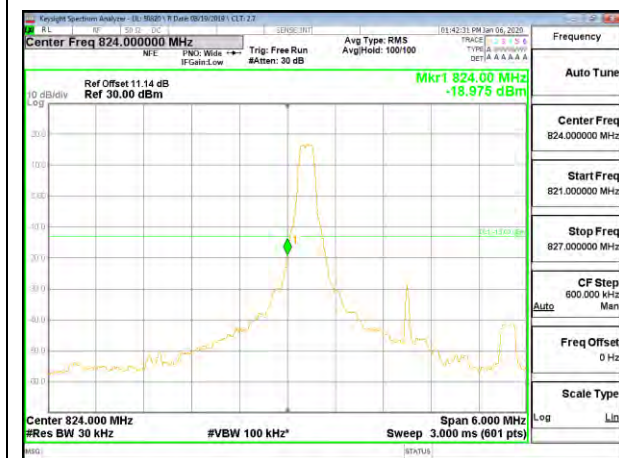
LTE B26 3MHz QPSK High Channel RB1-14



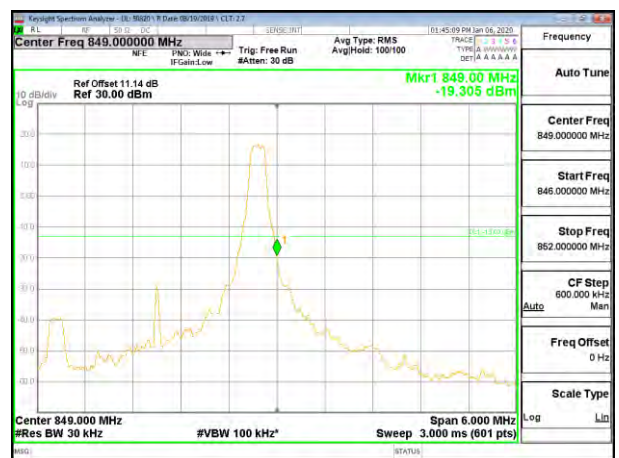
LTE B26 3MHz QPSK Low Channel RB15-0



LTE B26 3MHz QPSK High Channel RB15-0



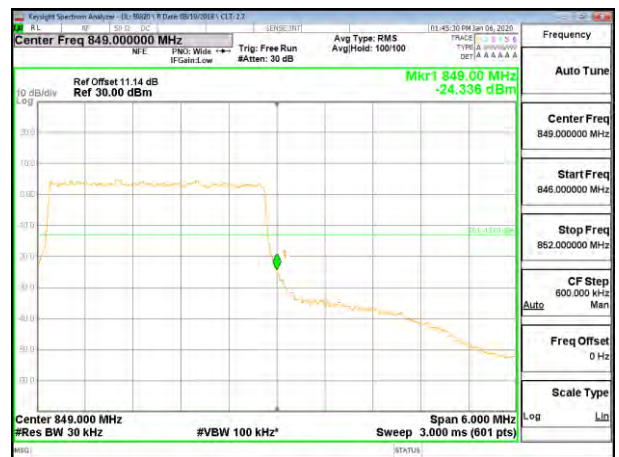
LTE B26 3MHz 16QAM Low Channel RB1-0



LTE B26 3MHz 16QAM High Channel RB1-14



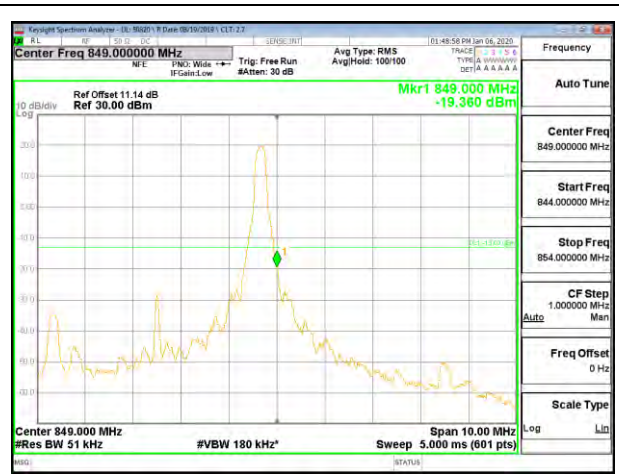
LTE B26 3MHz 16QAM Low Channel RB15-0



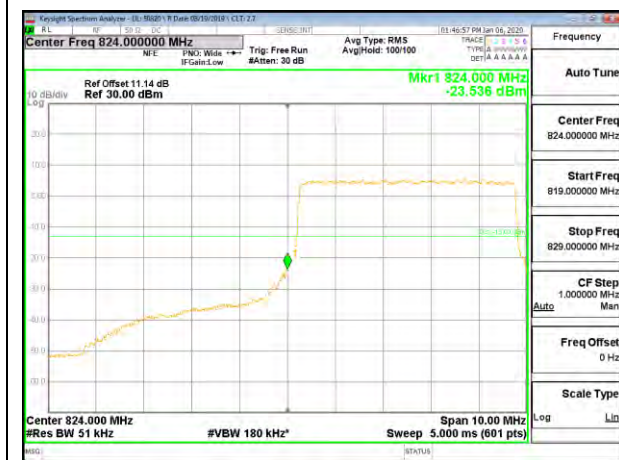
LTE B26 3MHz 16QAM High Channel RB15-0



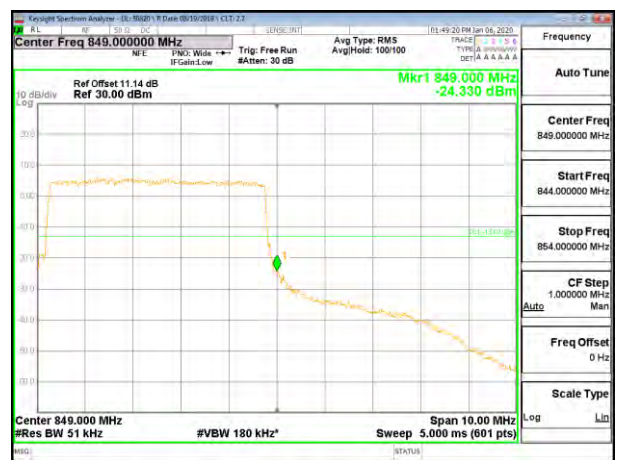
LTE B26 5MHz QPSK Low Channel RB1-0



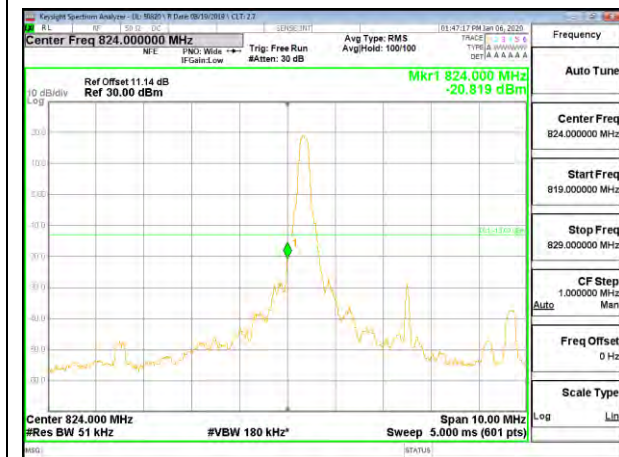
LTE B26 5MHz QPSK High Channel RB1-24



LTE B26 5MHz QPSK Low Channel RB25-0



LTE B26 5MHz QPSK High Channel RB25-0



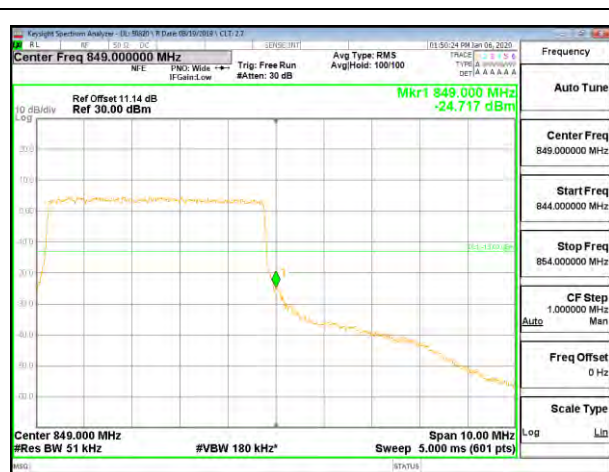
LTE B26 5MHz 16QAM Low Channel RB1-0



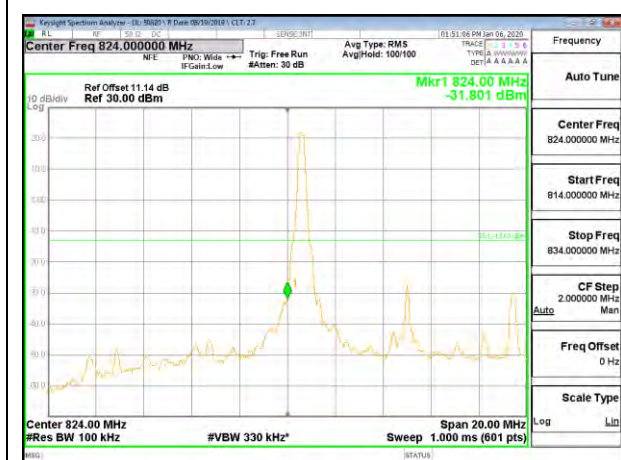
LTE B26 5MHz 16QAM High Channel RB1-24



LTE B26 5MHz 16QAM Low Channel RB25-0



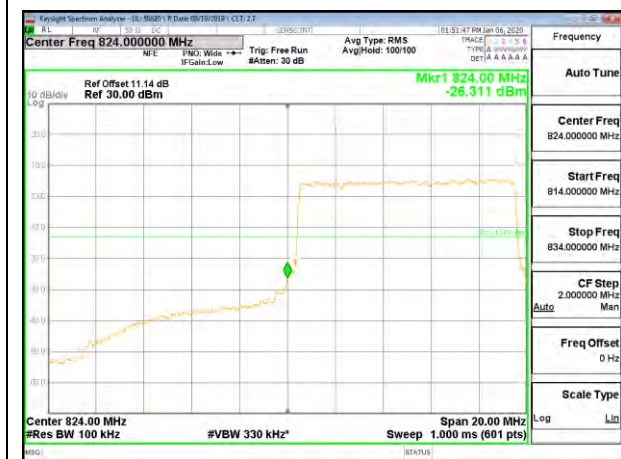
LTE B26 5MHz 16QAM High Channel RB25-0



LTE B26 10MHz QPSK Low Channel RB1-0



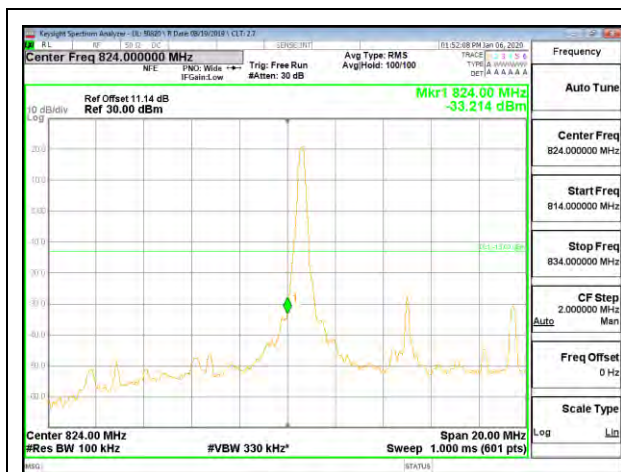
LTE B26 10MHz QPSK High Channel RB1-49



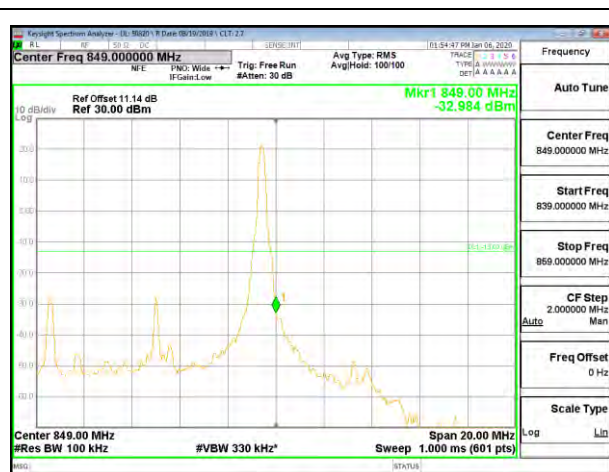
LTE B26 10MHz QPSK Low Channel RB50-0



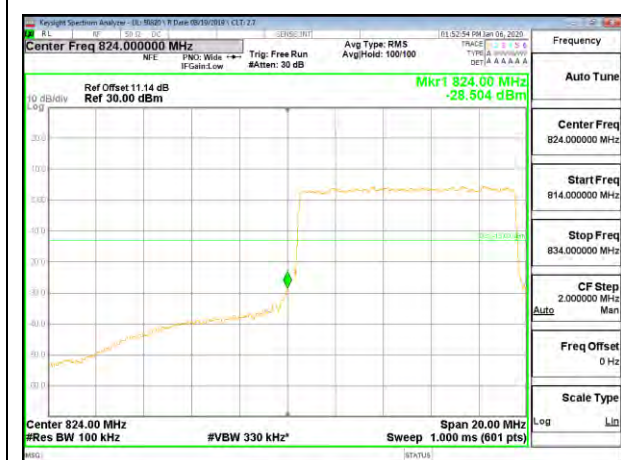
LTE B26 10MHz QPSK High Channel RB50-0



LTE B26 10MHz 16QAM Low Channel RB1-0



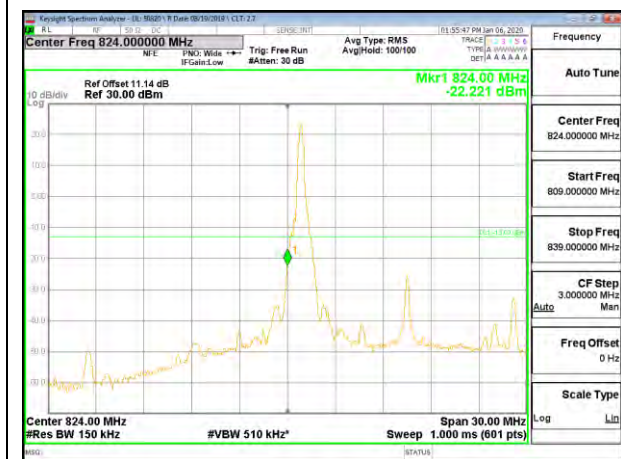
LTE B26 10MHz 16QAM High Channel RB1-49



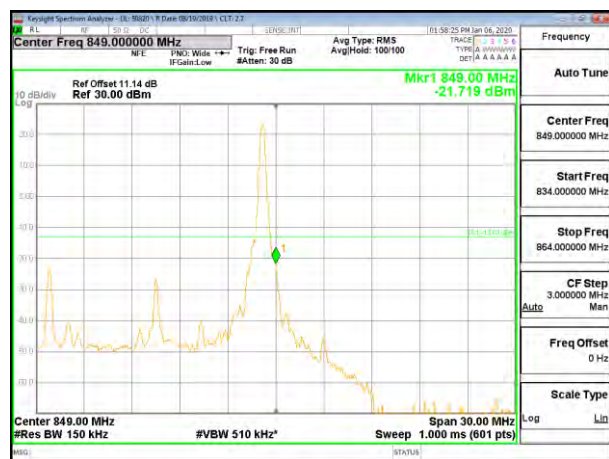
LTE B26 10MHz 16QAM Low Channel RB50-0



LTE B26 10MHz 16QAM High Channel RB50-0

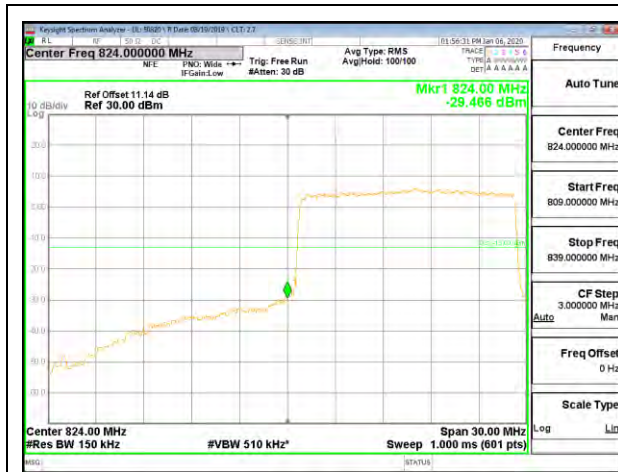


LTE B26 15MHz QPSK Low Channel RB1-0

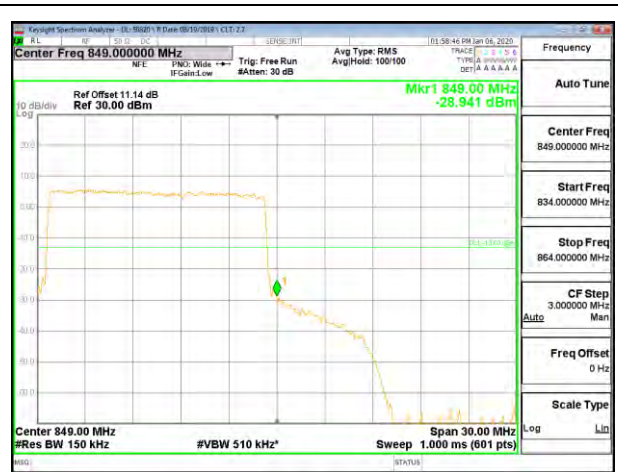


LTE B26 15MHz QPSK High Channel RB1-74

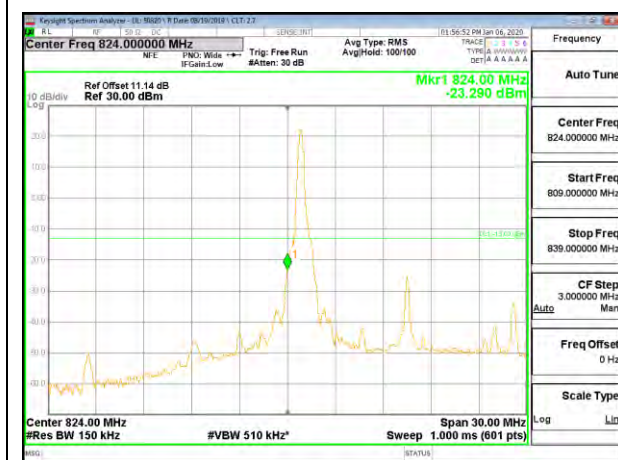




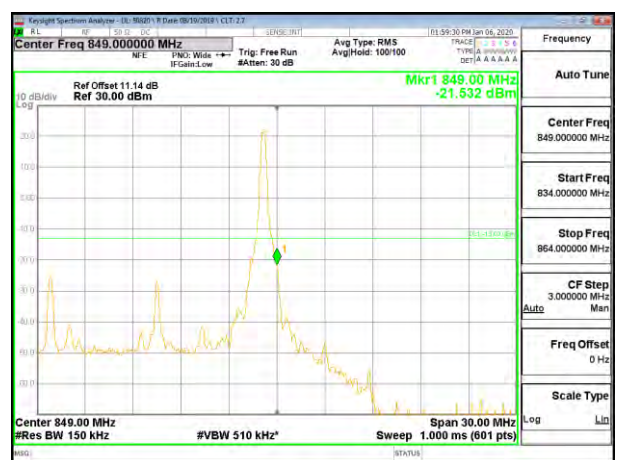
LTE B26 15MHz QPSK Low Channel RB75-0



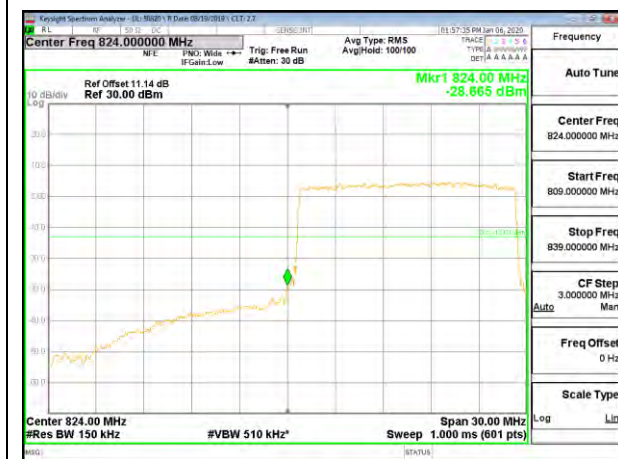
LTE B26 15MHz QPSK High Channel RB75-0



LTE B26 15MHz 16QAM Low Channel RB1-0



LTE B26 15MHz 16QAM High Channel RB1-74



LTE B26 15MHz 16QAM Low Channel RB75-0



LTE B26 15MHz 16QAM High Channel RB75-0

## 8.2.17. LTE BAND 30 ADJACENT CHANNEL POWER

### LIMITS

FCC: §27.53

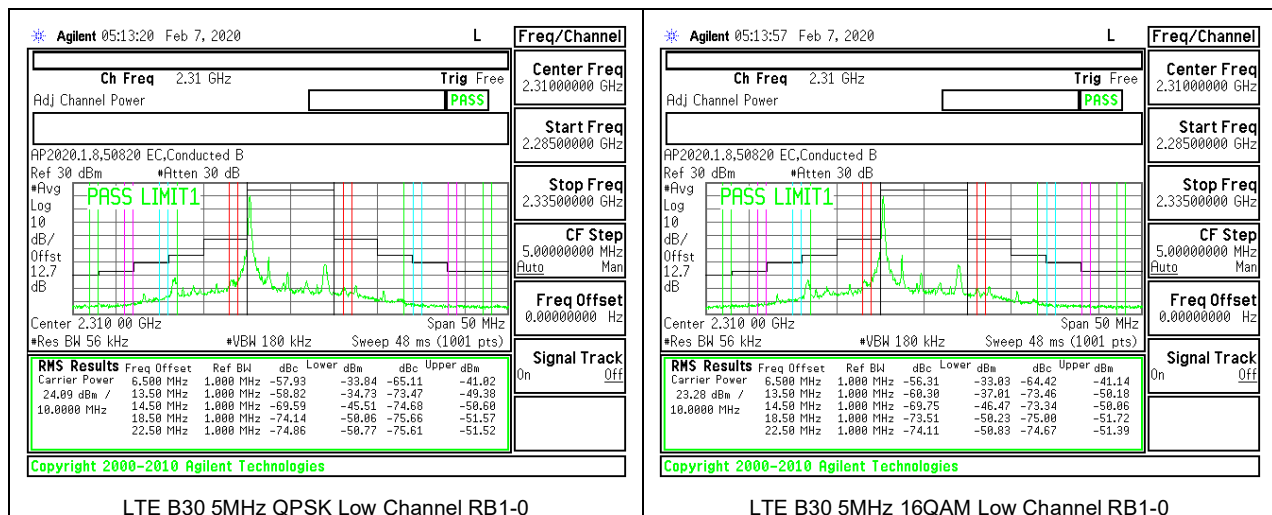
(a) For operations in the 2305-2320 MHz band and the 2345-2360 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power P (with averaging performed only during periods of transmission) within the licensed band(s) of operation, in watts, by the following amounts:

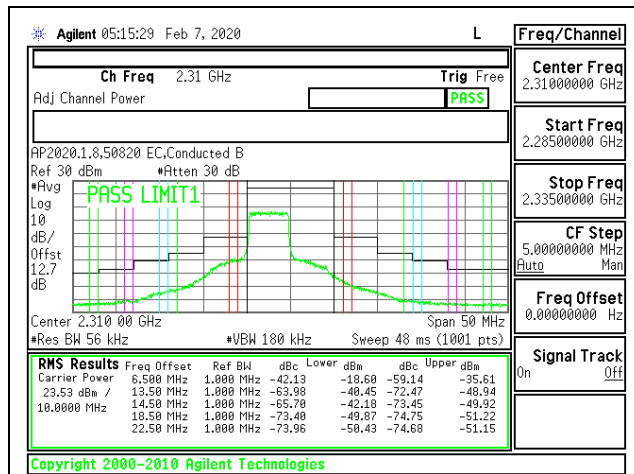
(4) For mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands:

(i) By a factor of not less than:  $43 + 10 \log(P)$  dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than  $55 + 10 \log(P)$  dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than  $61 + 10 \log(P)$  dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than  $67 + 10 \log(P)$  dB on all frequencies between 2328 and 2337 MHz;

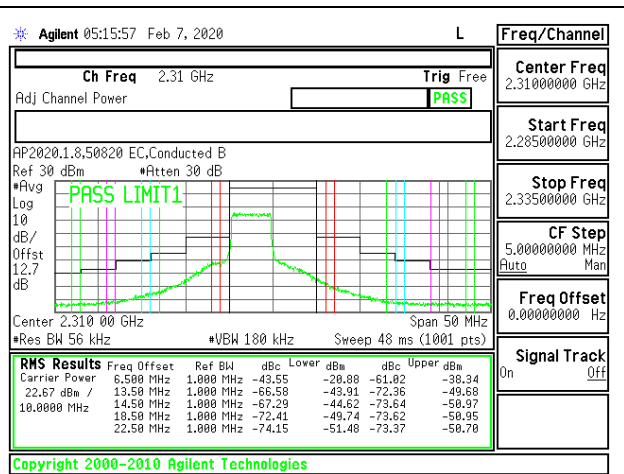
(ii) By a factor of not less than  $43 + 10 \log(P)$  dB on all frequencies between 2300 and 2305 MHz,  $55 + 10 \log(P)$  dB on all frequencies between 2296 and 2300 MHz,  $61 + 10 \log(P)$  dB on all frequencies between 2292 and 2296 MHz,  $67 + 10 \log(P)$  dB on all frequencies between 2288 and 2292 MHz, and  $70 + 10 \log(P)$  dB below 2288 MHz;

(iii) By a factor of not less than  $43 + 10 \log(P)$  dB on all frequencies between 2360 and 2365 MHz, and not less than  $70 + 10 \log(P)$  dB above 2365 MHz.

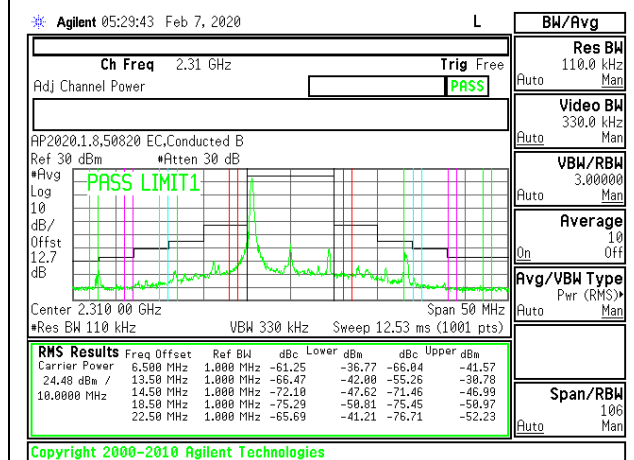




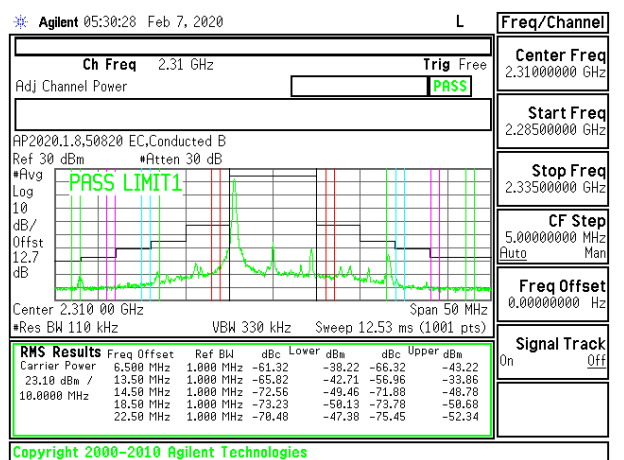
LTE B30 5MHz QPSK Low Channel RB25-0



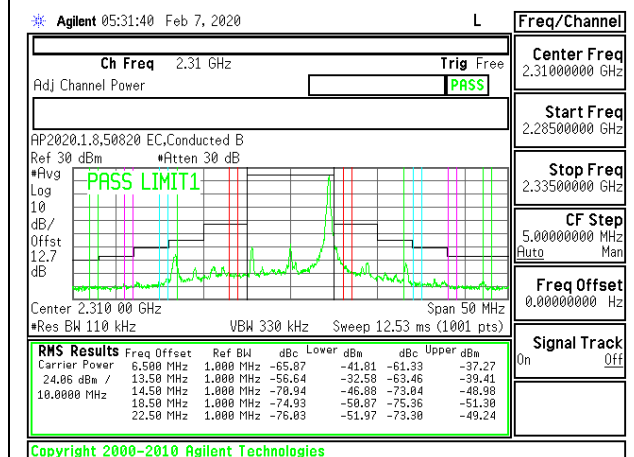
LTE B30 5MHz 16QAM Low Channel RB25-0



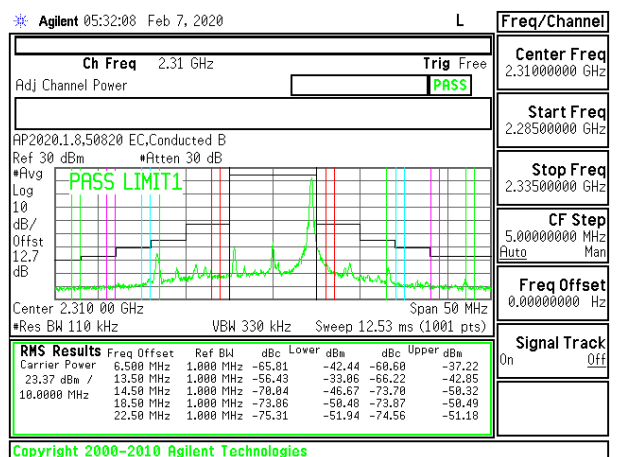
LTE B30 10MHz QPSK Middle Channel RB1-0



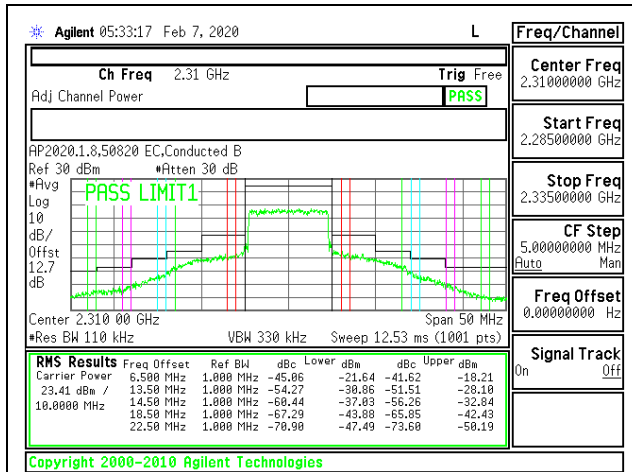
LTE B30 10MHz 16QAM Middle Channel RB1-0



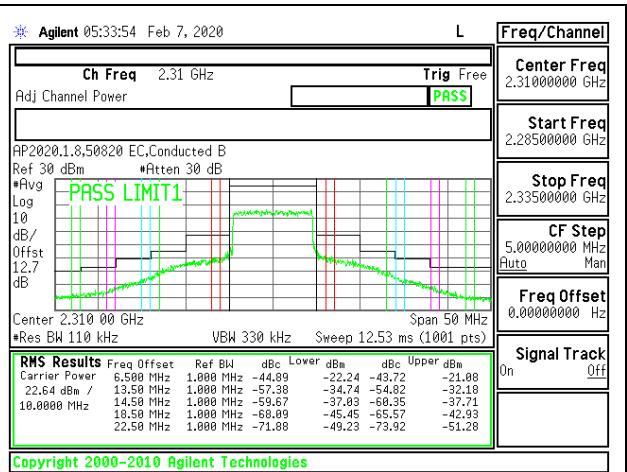
LTE B30 10MHz QPSK Middle Channel RB1-49



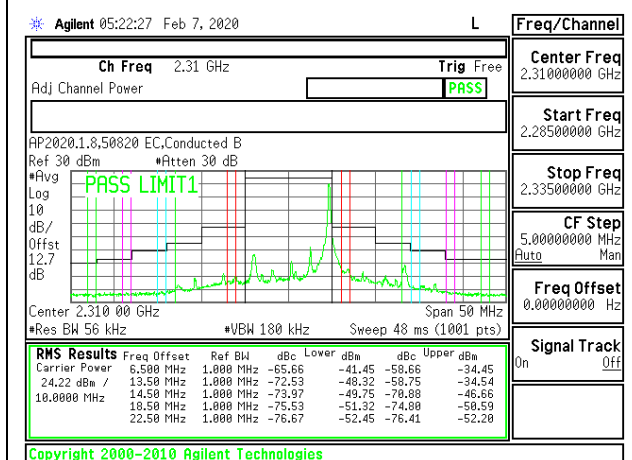
LTE B30 10MHz 16QAM Middle Channel RB1-49



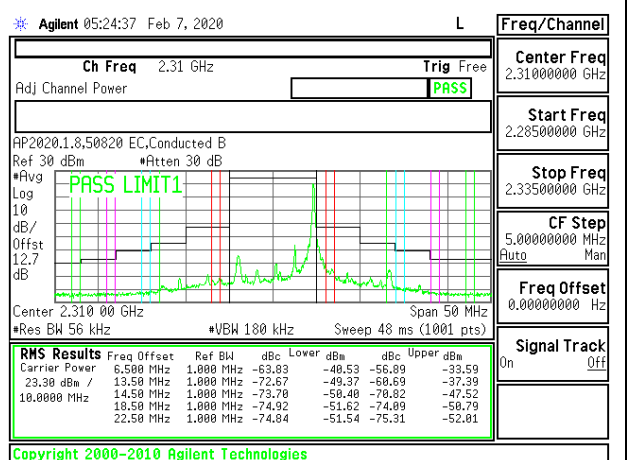
LTE B30 10MHz QPSK Middle Channel RB50-0



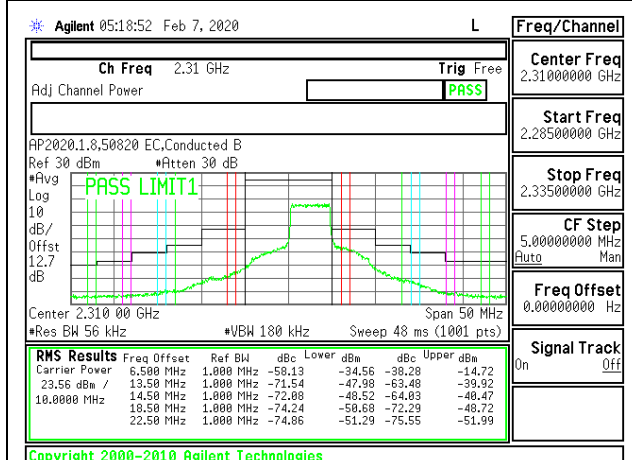
LTE B30 10MHz 16QAM Middle Channel RB50-0



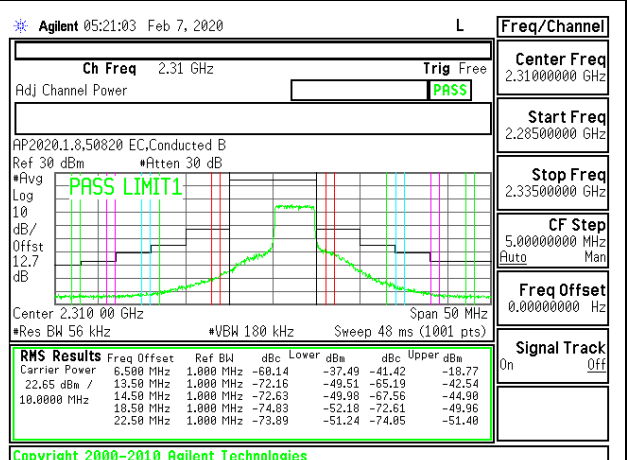
LTE B30 5MHz QPSK High Channel RB1-24



LTE B30 5MHz 16QAM High Channel RB1-24



LTE B30 5MHz QPSK High Channel RB25-0



LTE B30 5MHz 16QAM High Channel RB25-0

## 8.2.18. LTE BAND 38 ADJACENT CHANNEL POWER (IC)

### LIMITS

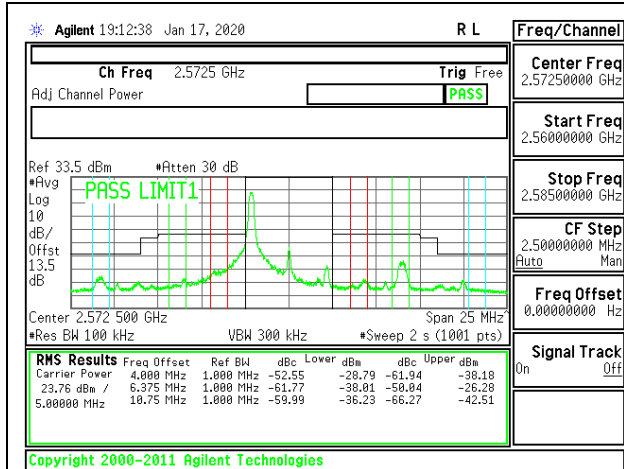
ISED: RSS199§4.5

Equipment shall comply with the following unwanted emission limits:

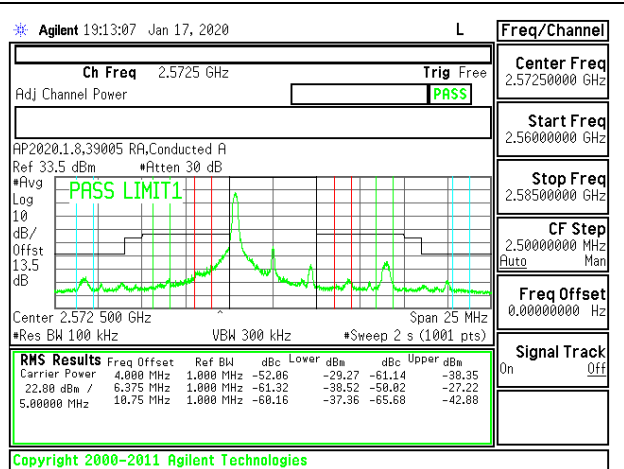
- a. for base station and fixed subscriber equipment, the power of any unwanted emissions measured as above shall be attenuated (in dB) below the transmitter power,  $P$  (dBW), by at least  $43 + 10 \log_{10} p$
- b. for mobile subscriber equipment, the power of any unwanted emissions measured as above shall be attenuated (in dB) below the transmitter power,  $P$  (dBW), by at least:
  - i.  $40 + 10 \log_{10} p$  from the channel edges to 5 MHz away
  - ii.  $43 + 10 \log_{10} p$  between 5 MHz and  $X$  MHz from the channel edges, and
  - iii.  $55 + 10 \log_{10} p$  at  $X$  MHz and beyond from the channel edges

In addition, the attenuation shall not be less than  $43 + 10 \log_{10} p$  on all frequencies between 2490.5 MHz and 2496 MHz, and  $55 + 10 \log_{10} p$  at or below 2490.5 MHz.

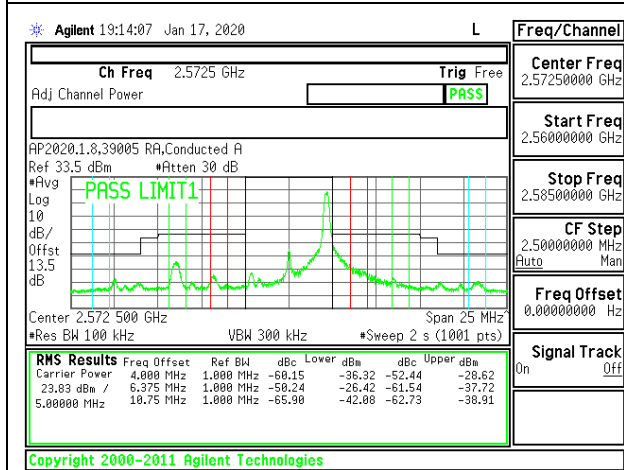
In (a) and (b),  $p$  is the transmitter power measured in watts and  $X$  is 6 MHz or the equipment occupied bandwidth, whichever is greater.



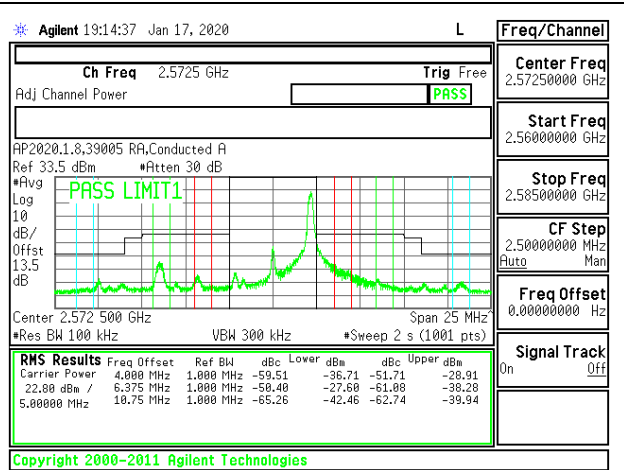
LTE B38 5MHz QPSK Low Channel RB1-0



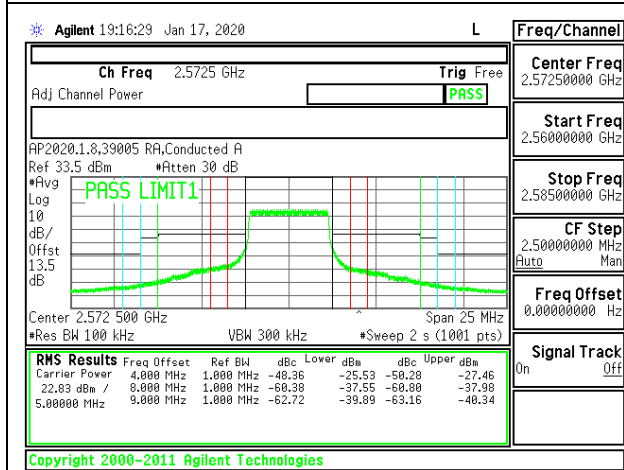
LTE B38 5MHz 16QAM Low Channel RB1-0



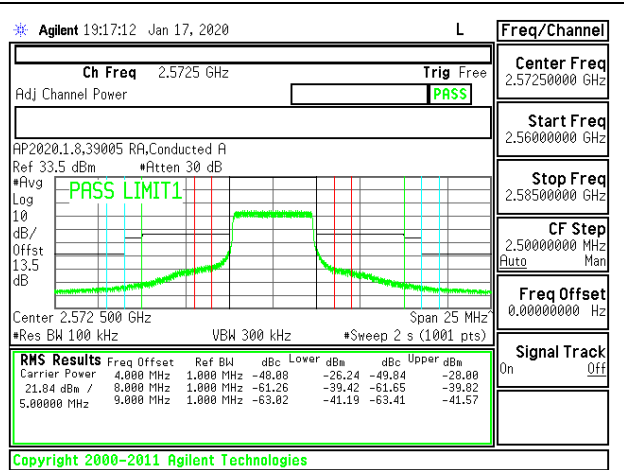
LTE B38 5MHz QPSK Low Channel RB1-24



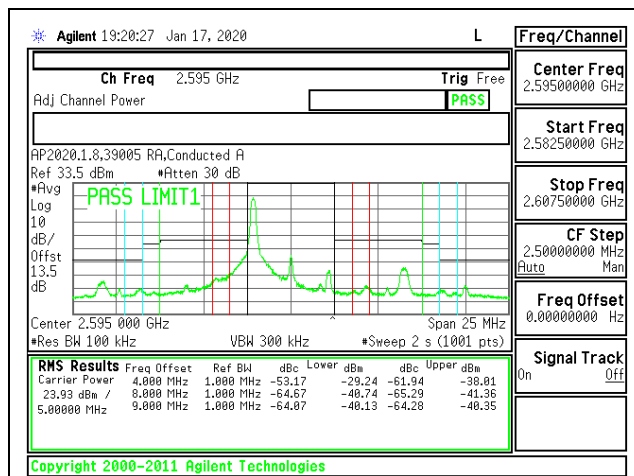
LTE B38 5MHz 16QAM Low Channel RB1-24



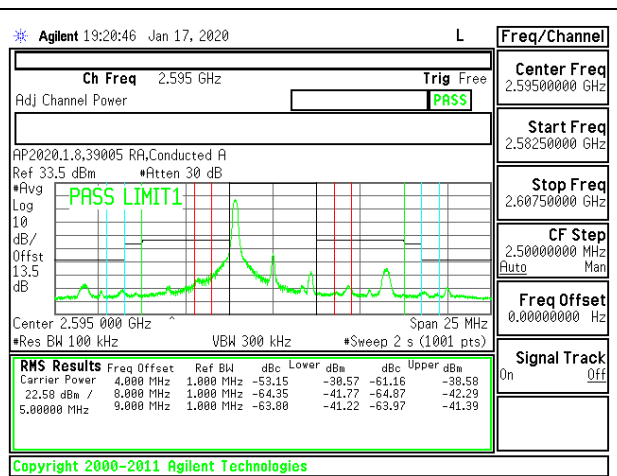
LTE B38 5MHz QPSK Low Channel RB25-0



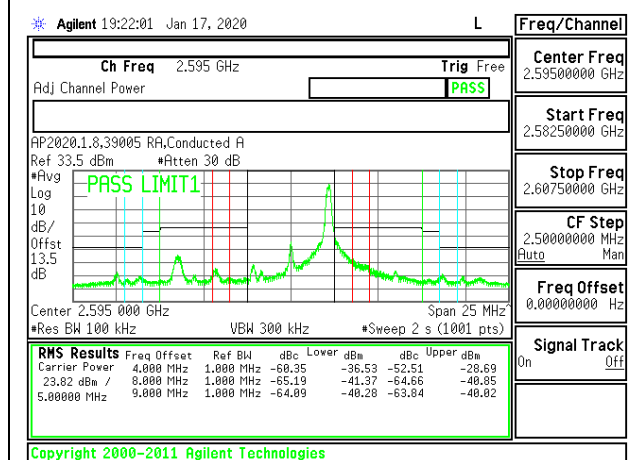
LTE B38 5MHz 16QAM Low Channel RB25-0



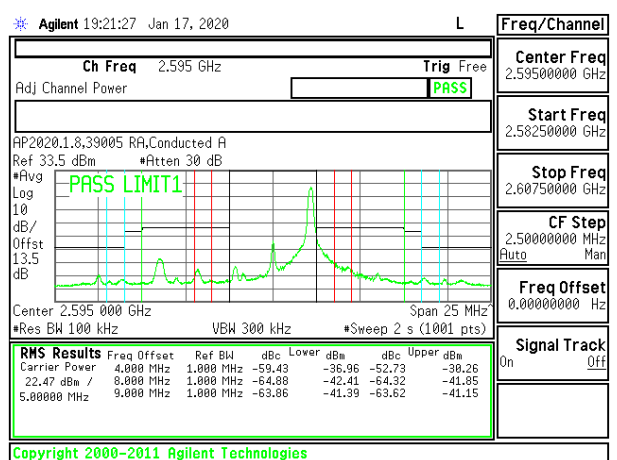
LTE B38 5MHz QPSK Middle Channel RB1-0



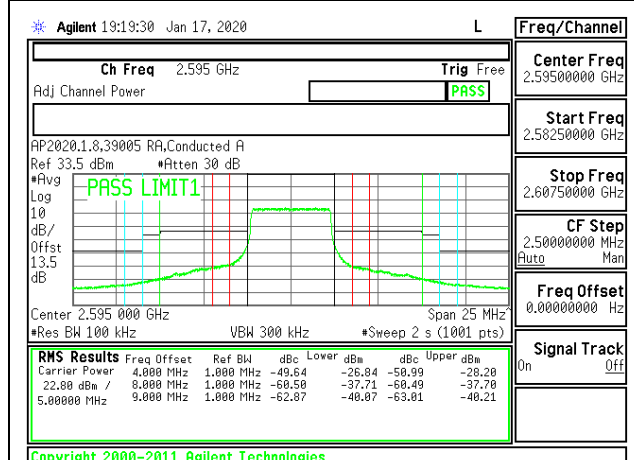
LTE B38 5MHz 16QAM Middle Channel RB1-0



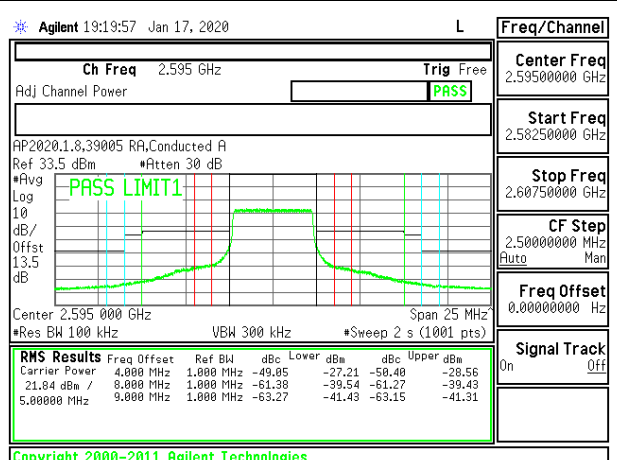
LTE B38 5MHz QPSK Middle Channel RB1-24



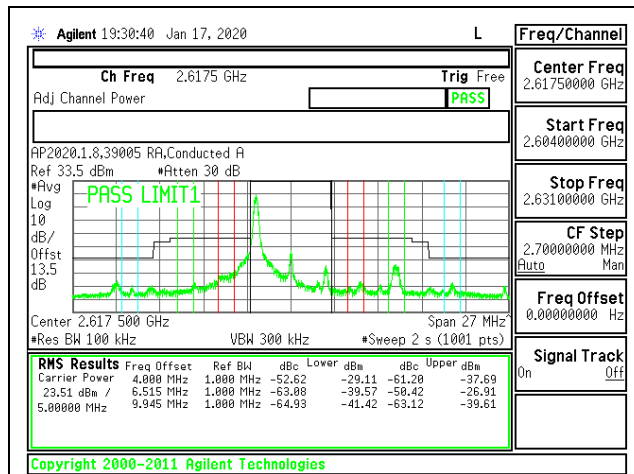
LTE B38 5MHz 16QAM Middle Channel RB1-24



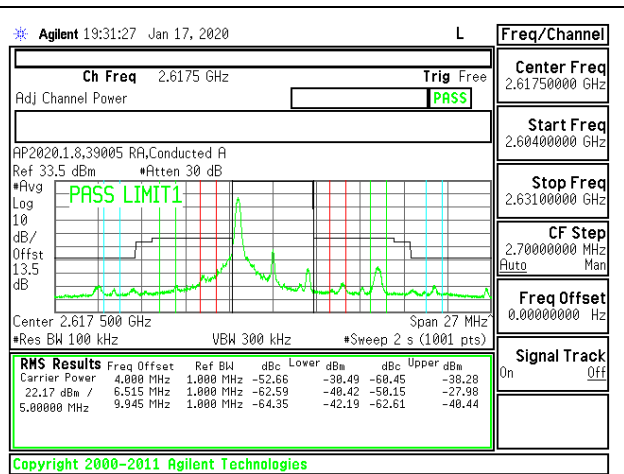
LTE B38 5MHz QPSK Middle Channel RB25-0



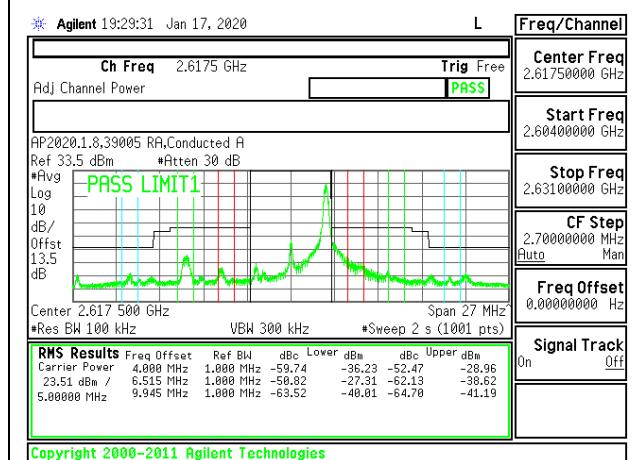
LTE B38 5MHz 16QAM Middle Channel RB25-0



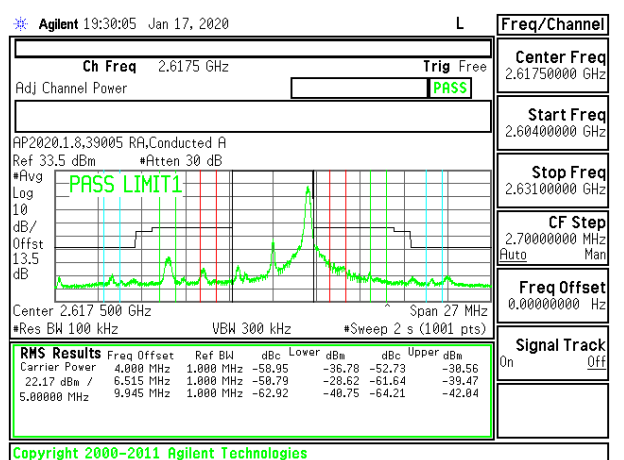
LTE B38 5MHz QPSK High Channel RB1-0



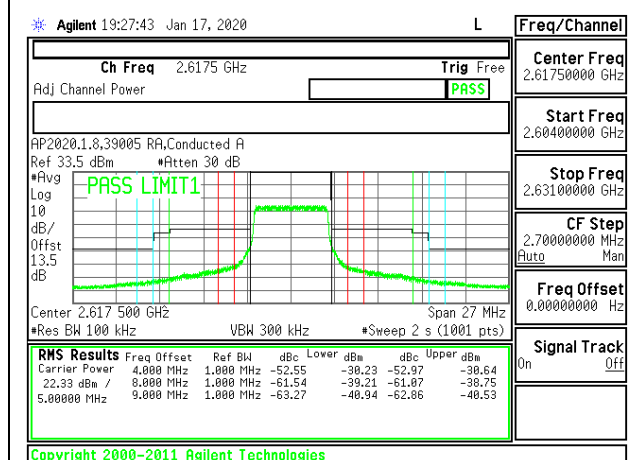
LTE B38 5MHz 16QAM High Channel RB1-0



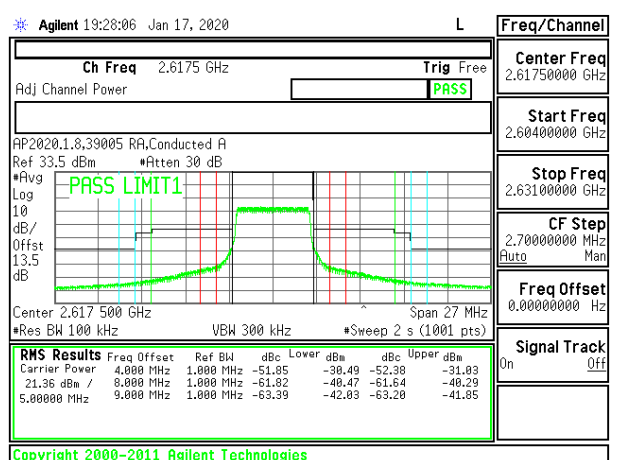
LTE B38 5MHz QPSK High Channel RB1-24



LTE B38 5MHz 16QAM High Channel RB1-24

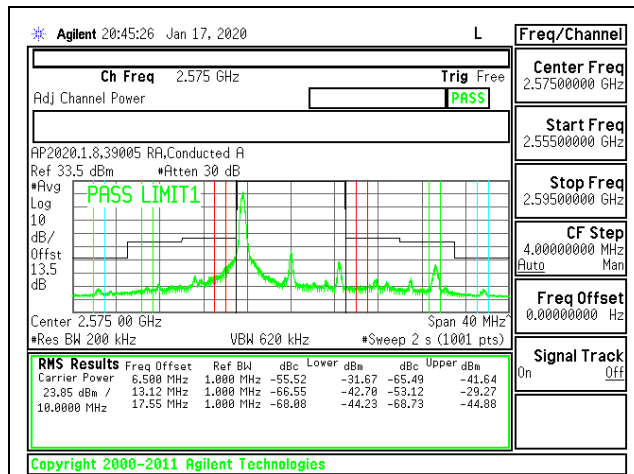


LTE B38 5MHz QPSK High Channel RB25-0

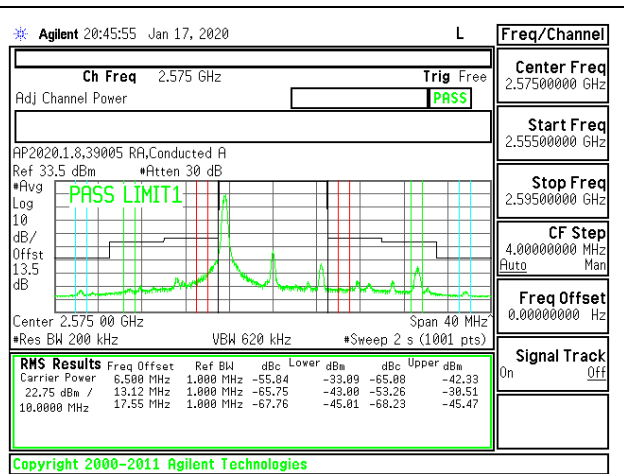


LTE B38 5MHz 16QAM High Channel RB25-0

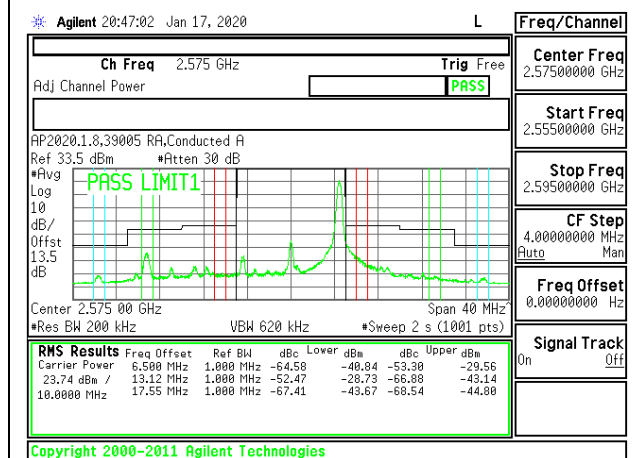




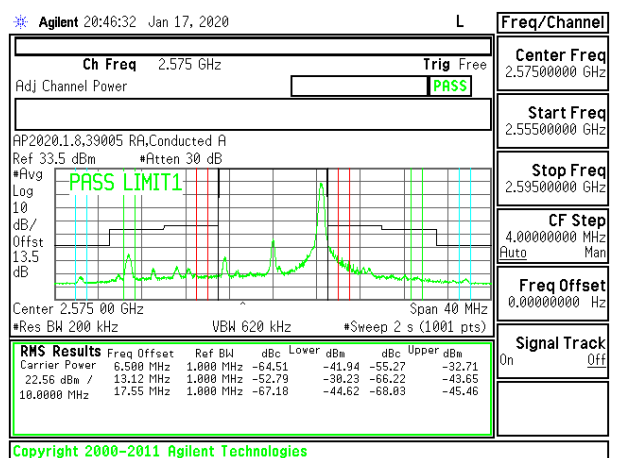
LTE B38 10MHz QPSK Low Channel RB1-0



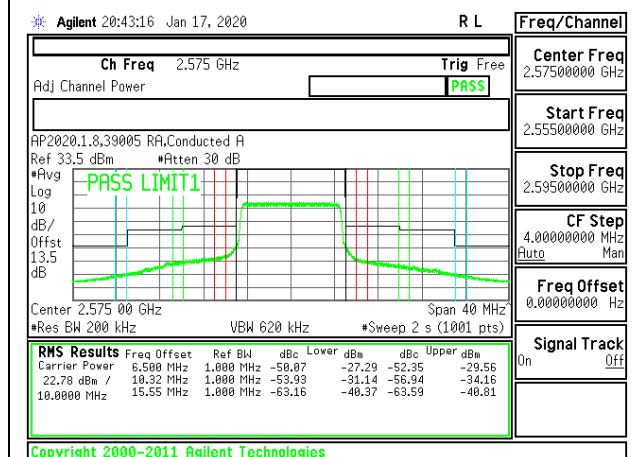
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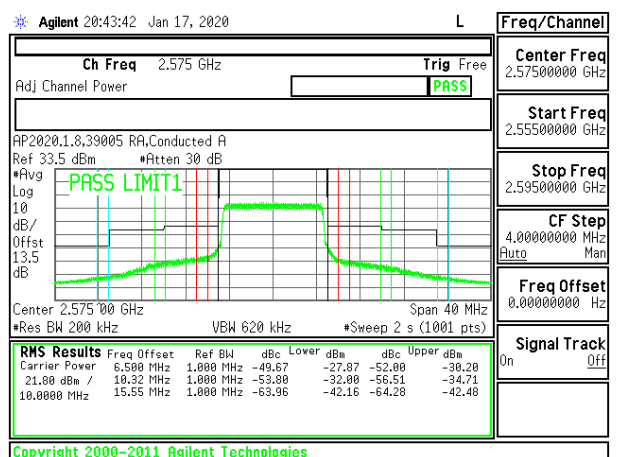
LTE B38 10MHz QPSK Low Channel RB1-49



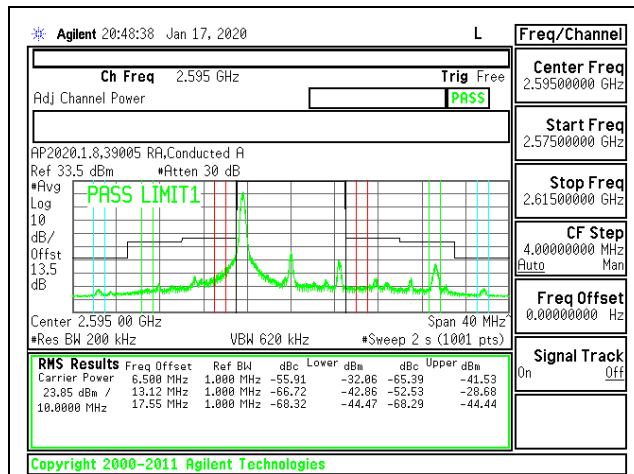
LTE B38 10MHz 16QAM Low Channel RB1-49



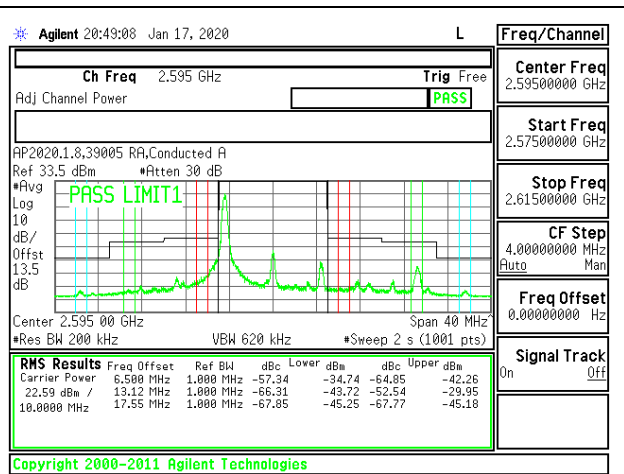
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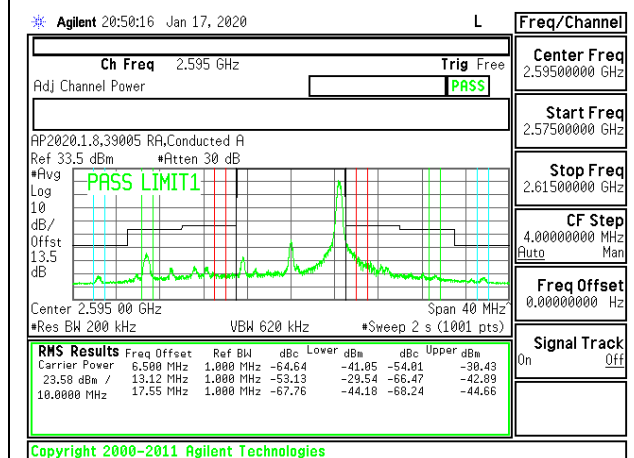
LTE B38 10MHz 16QAM Low Channel RB50-0



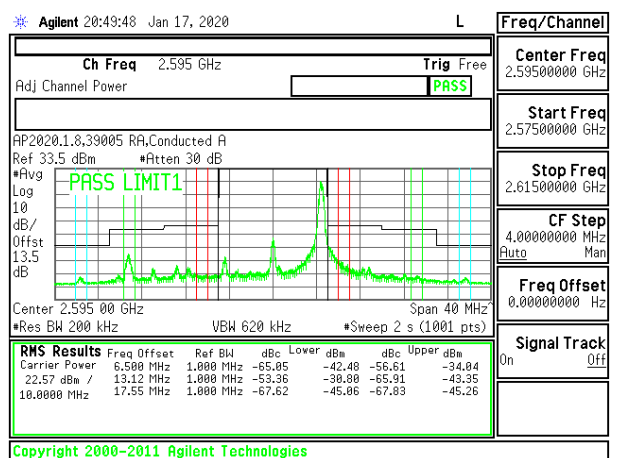
LTE B38 10MHz QPSK Middle Channel RB1-0



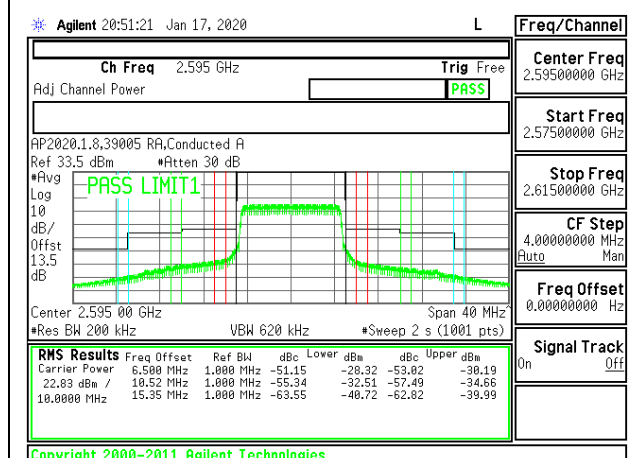
LTE B38 10MHz 16QAM Middle Channel RB1-0



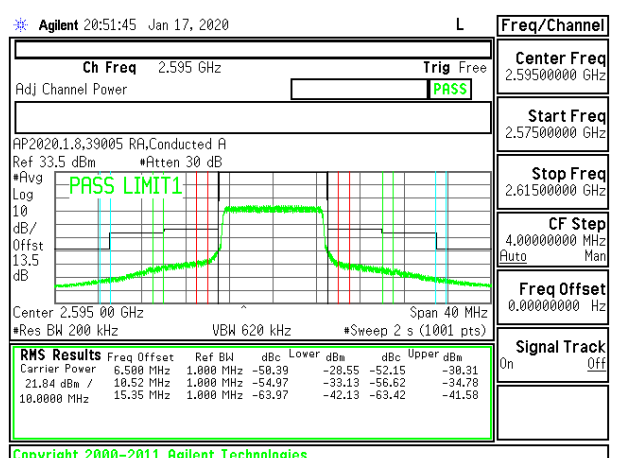
LTE B38 10MHz QPSK Middle Channel RB1-49



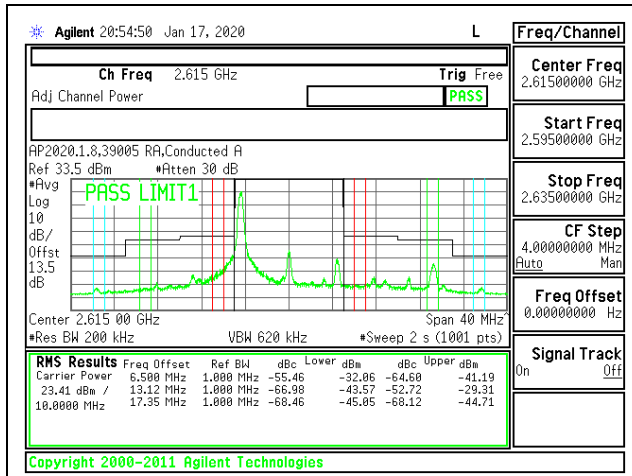
LTE B38 10MHz 16QAM Middle Channel RB1-49



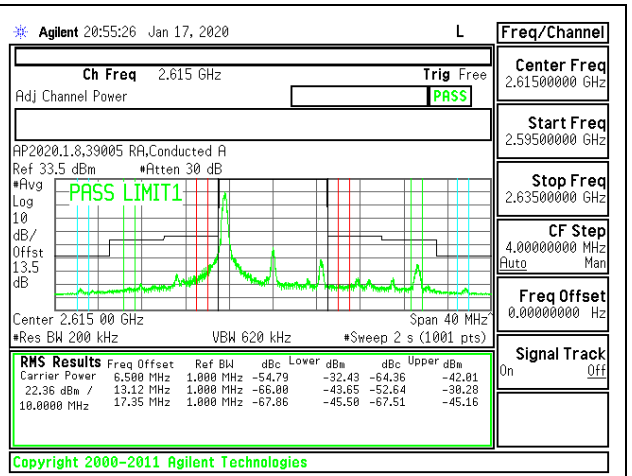
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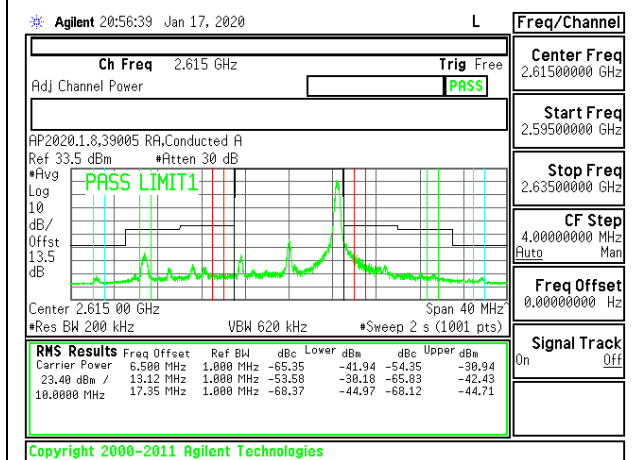
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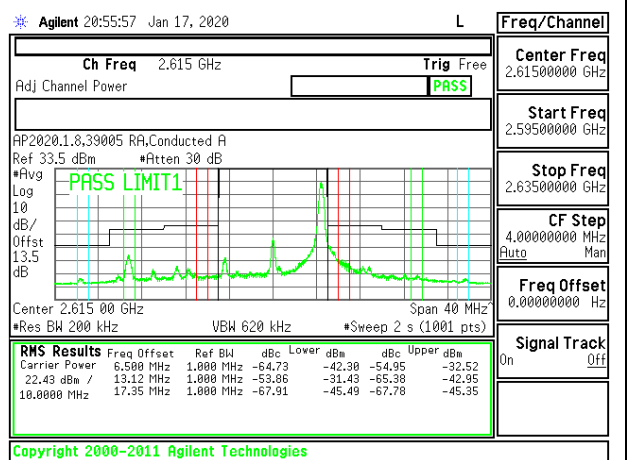
LTE B38 10MHz QPSK High Channel RB1-0



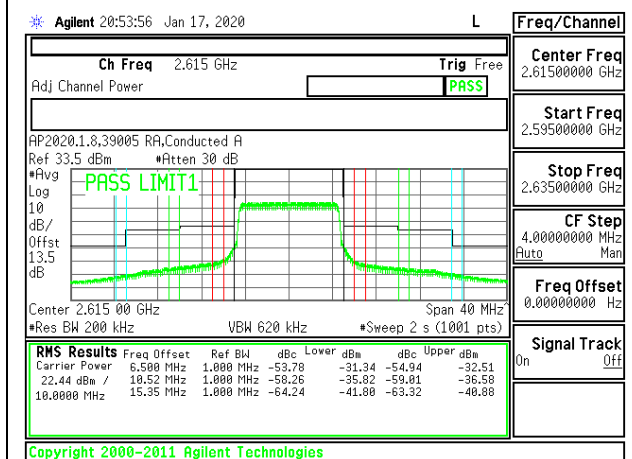
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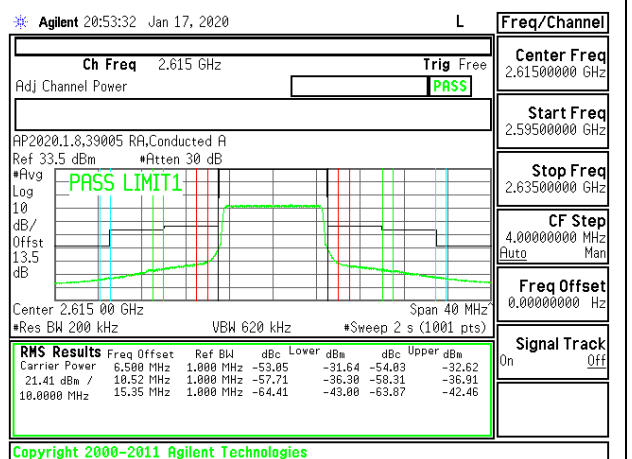
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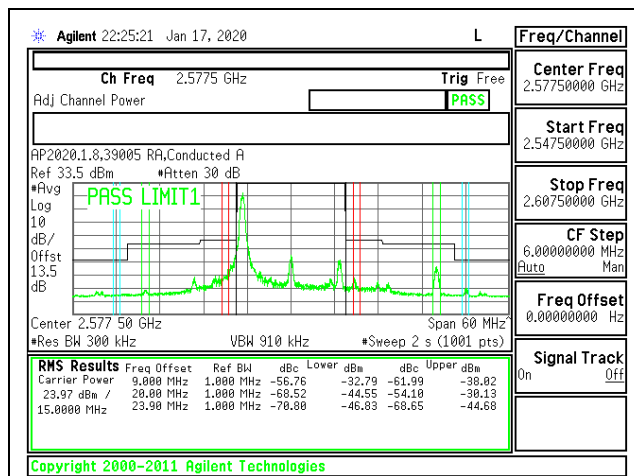
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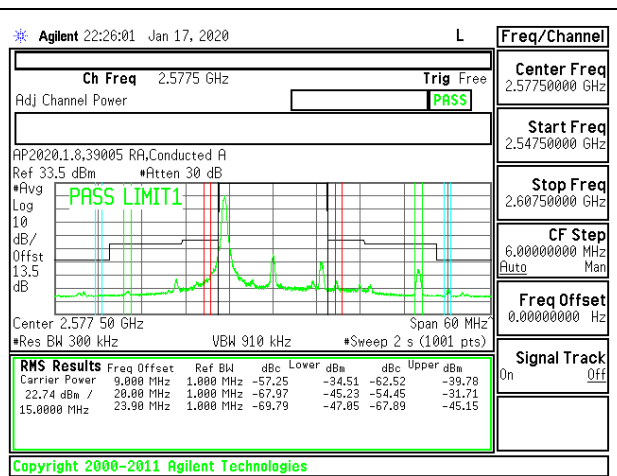
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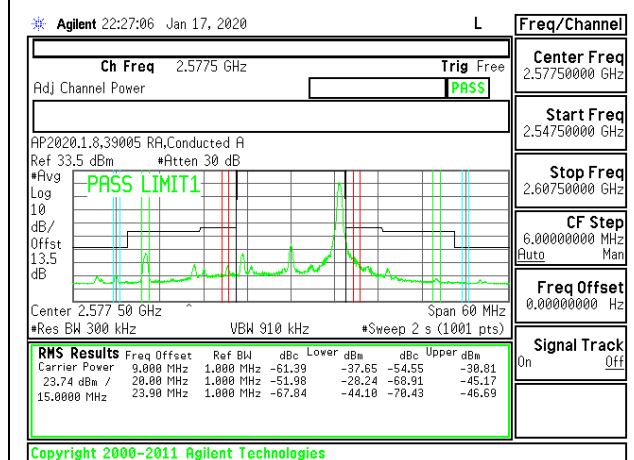
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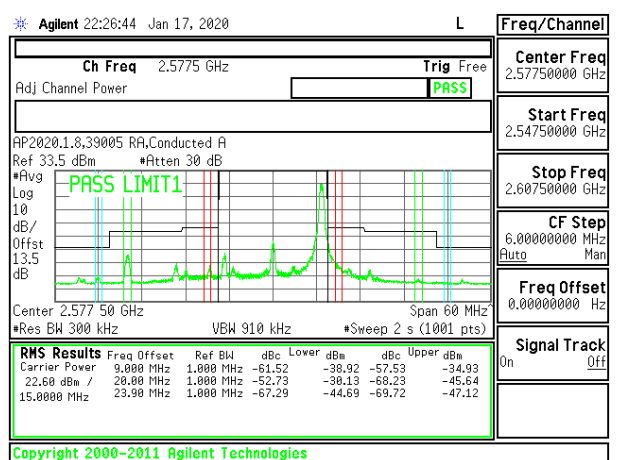
LTE B38 15MHz QPSK Low Channel RB1-0



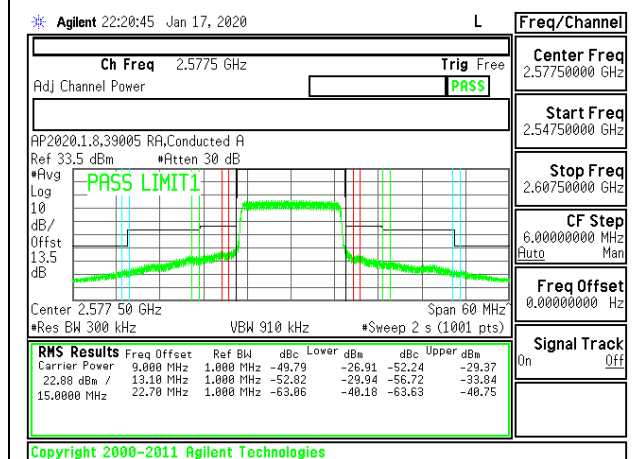
LTE B38 15MHz 16QAM Low Channel RB1-0



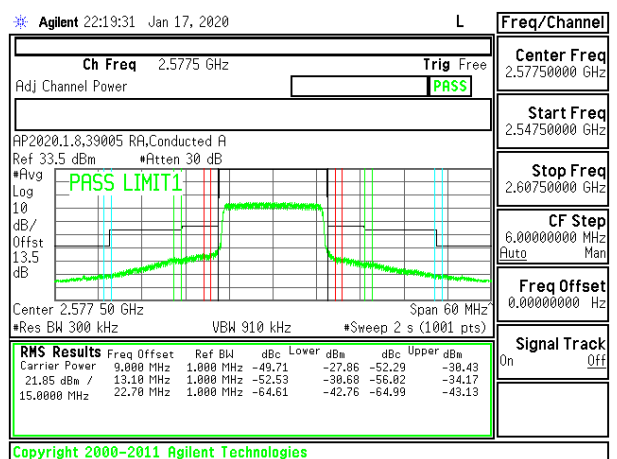
LTE B38 15MHz QPSK Low Channel RB1-74



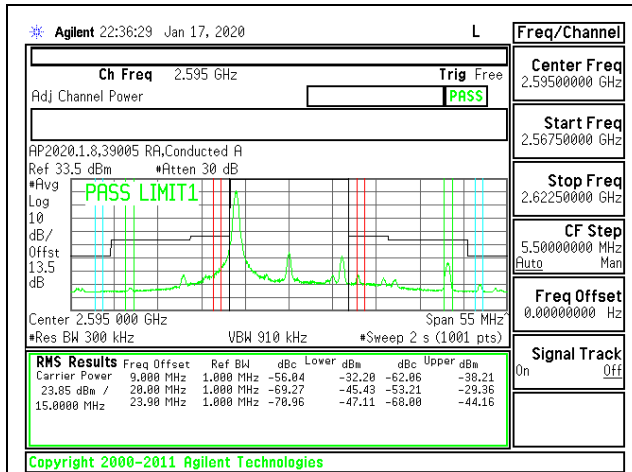
LTE B38 15MHz 16QAM Low Channel RB1-74



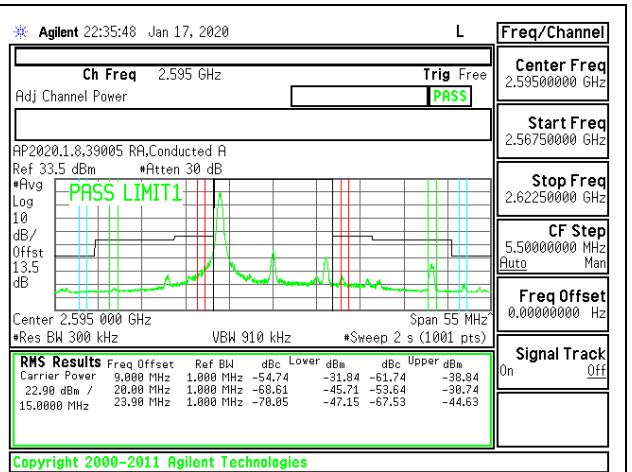
LTE B38 15MHz QPSK Low Channel RB75-0



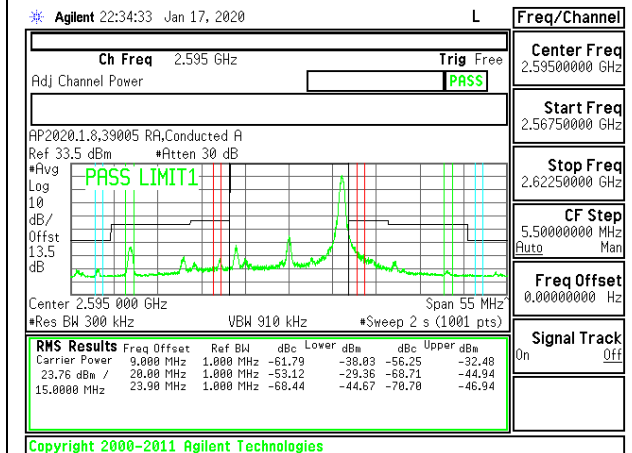
LTE B38 15MHz 16QAM Low Channel RB75-0



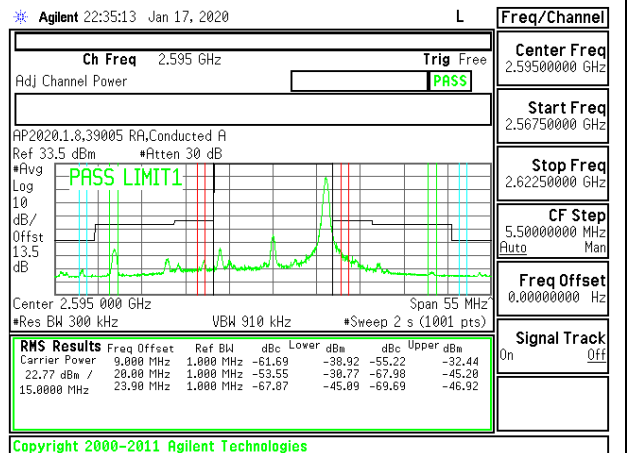
LTE B38 15MHz QPSK Middle Channel RB1-0



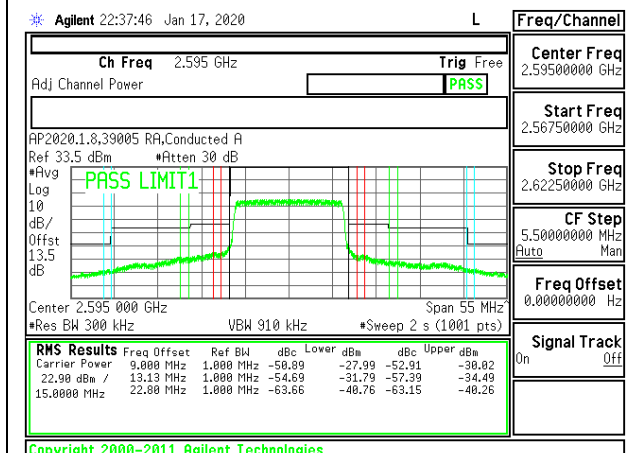
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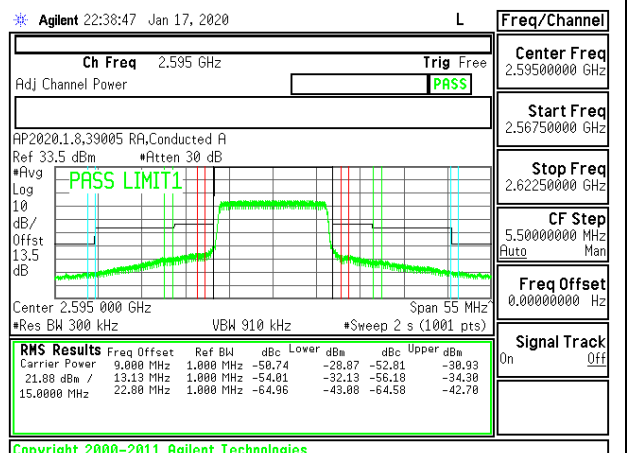
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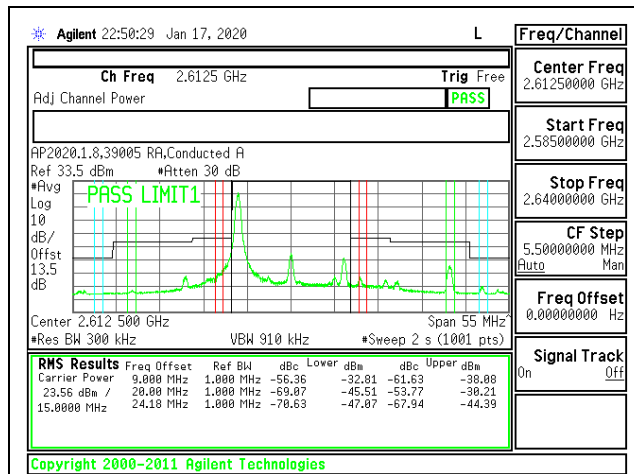
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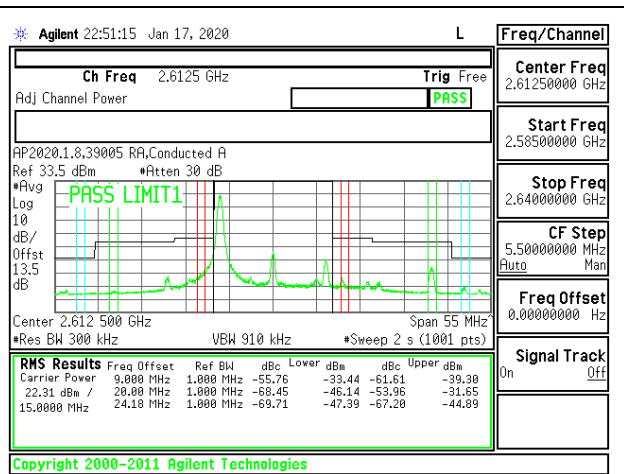
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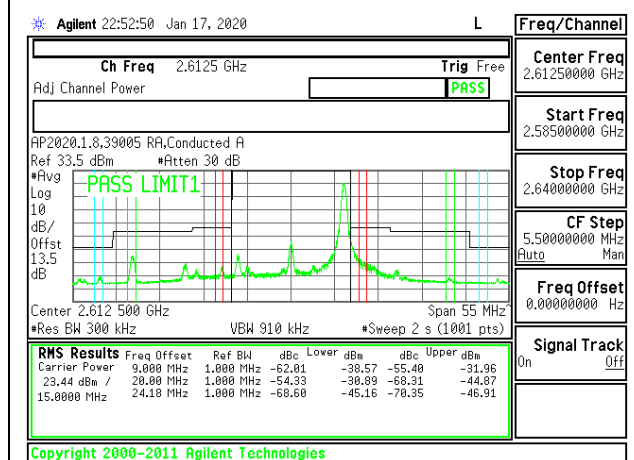
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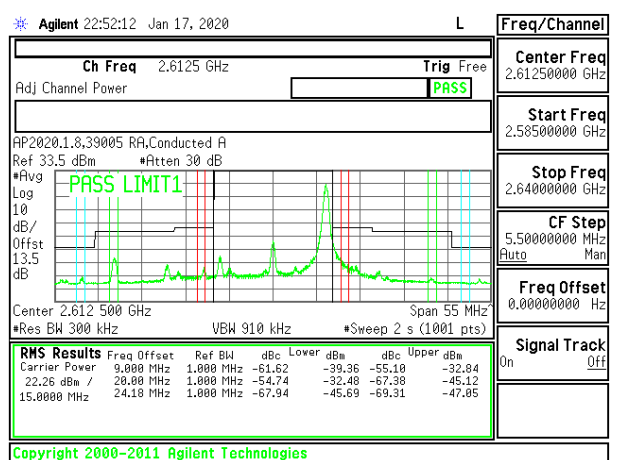
LTE B38 15MHz QPSK High Channel RB1-0



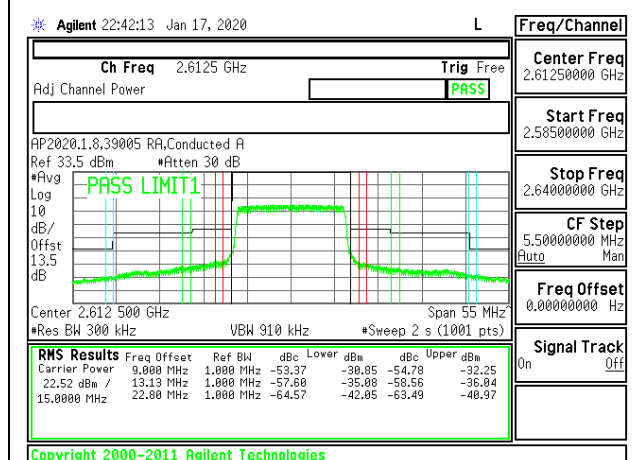
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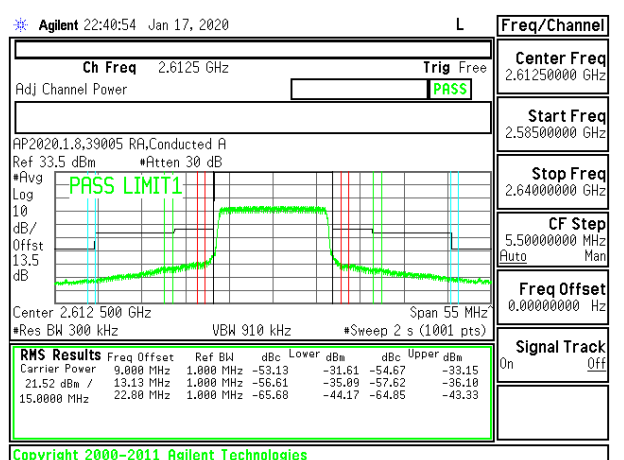
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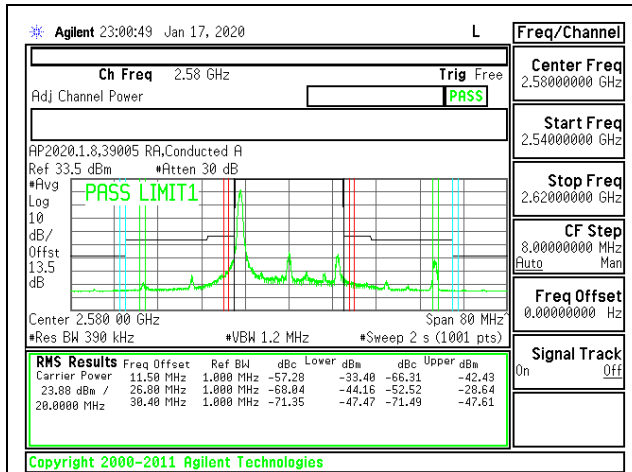
LTE B38 15MHz 16QAM High Channel RB1-74



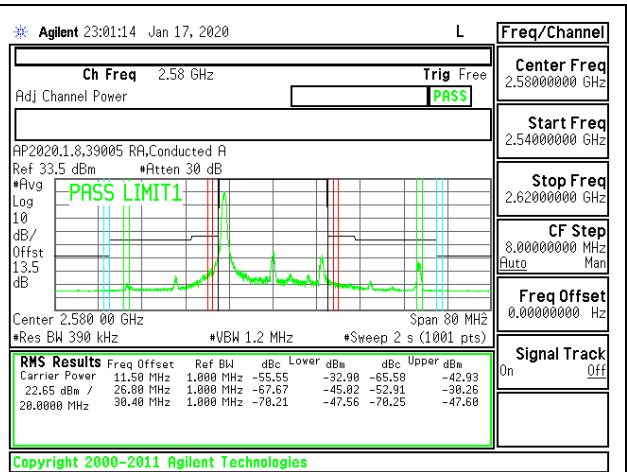
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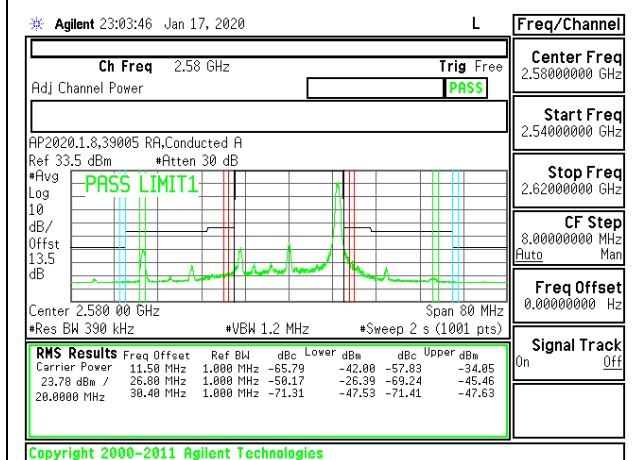
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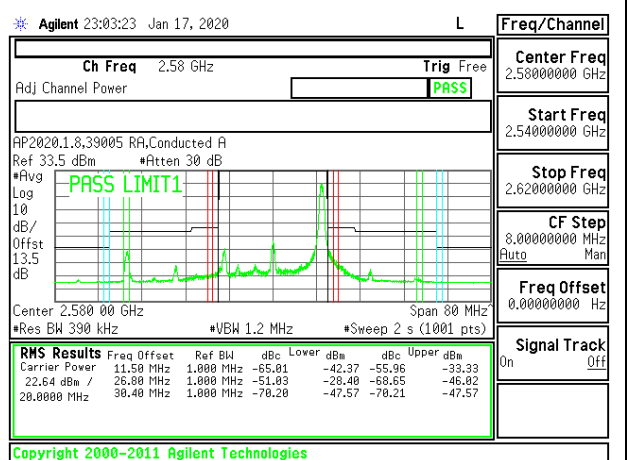
LTE B38 20MHz QPSK Low Channel RB1-0



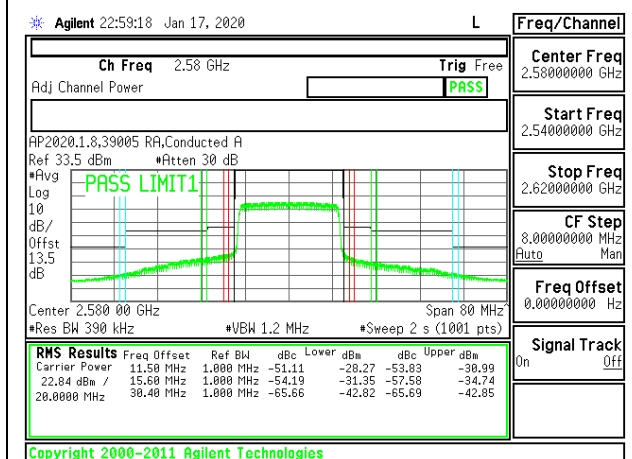
LTE B38 20MHz 16QAM Low Channel RB1-0



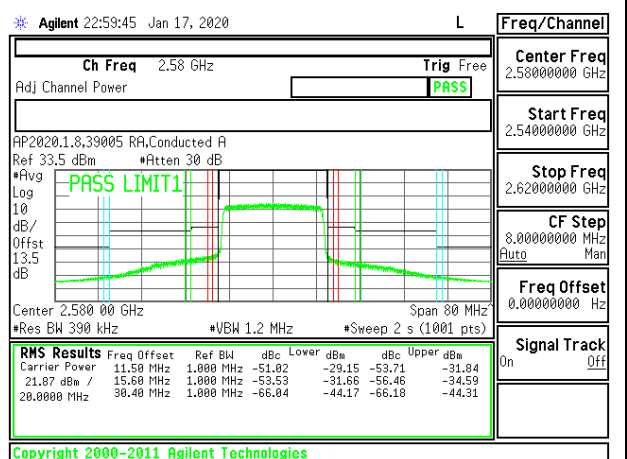
LTE B38 20MHz QPSK Low Channel RB1-99



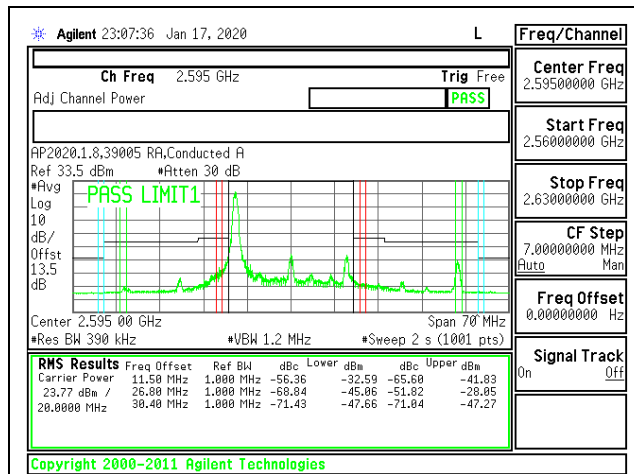
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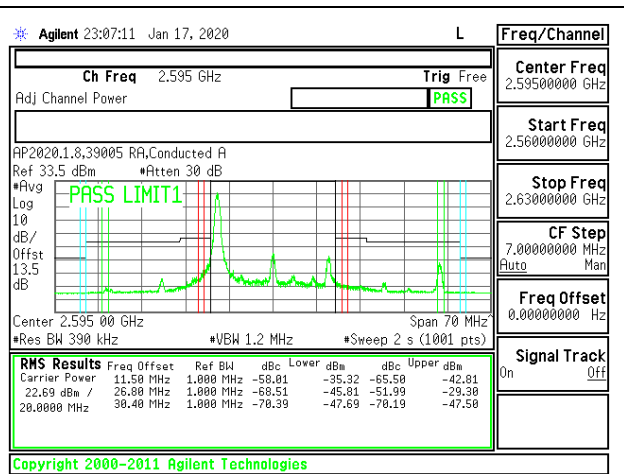
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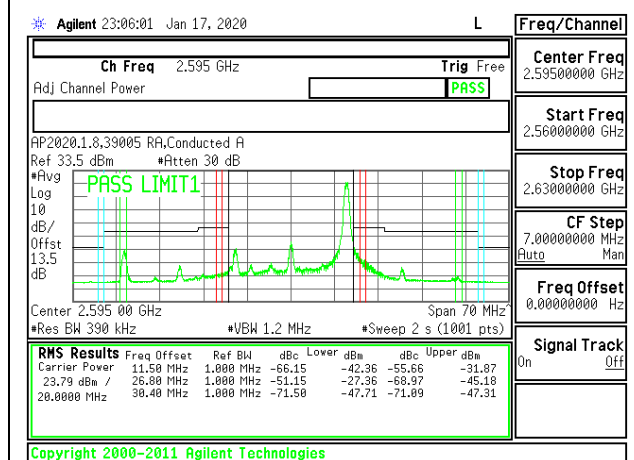
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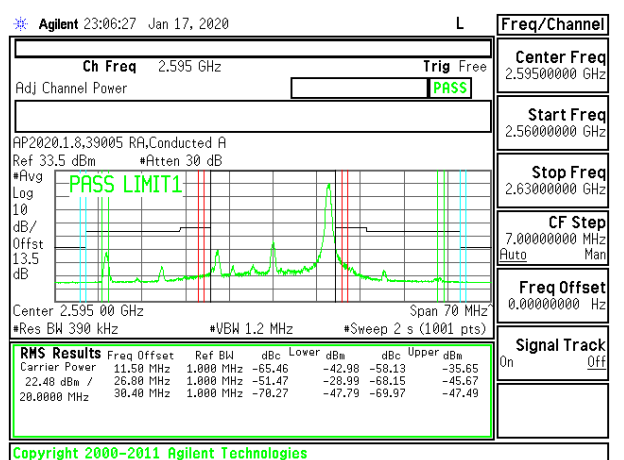
LTE B38 20MHz QPSK Middle Channel RB1-0



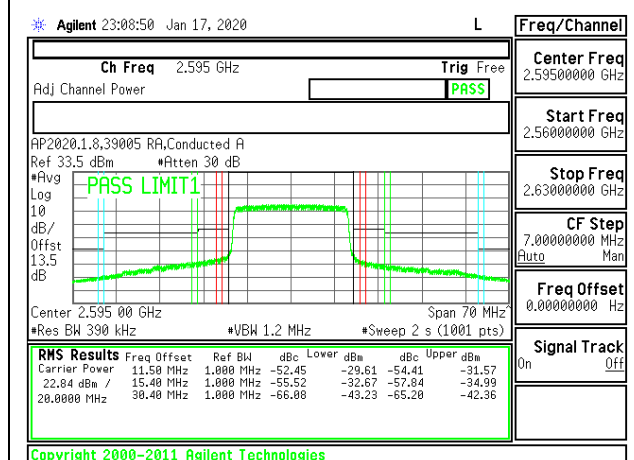
LTE B38 20MHz 16QAM Middle Channel RB1-0



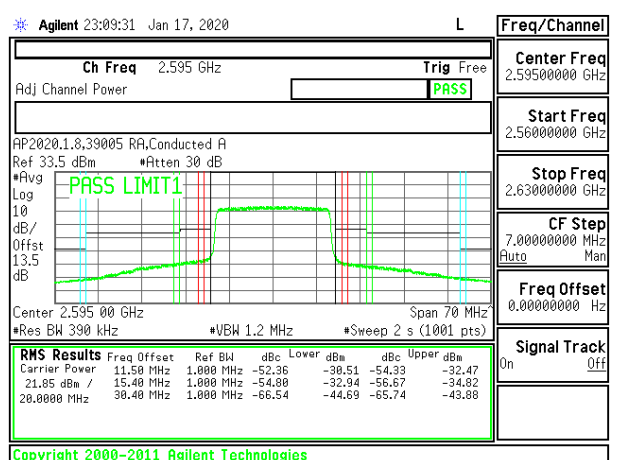
LTE B38 20MHz QPSK Middle Channel RB1-99



LTE B38 20MHz 16QAM Middle Channel RB1-99

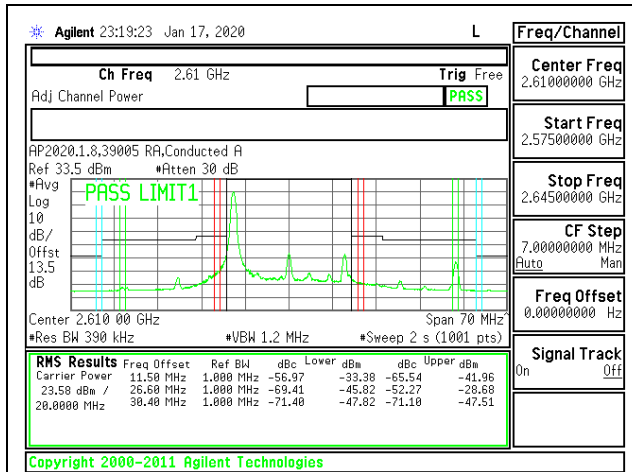


LTE B38 20MHz QPSK Middle Channel RB100-0

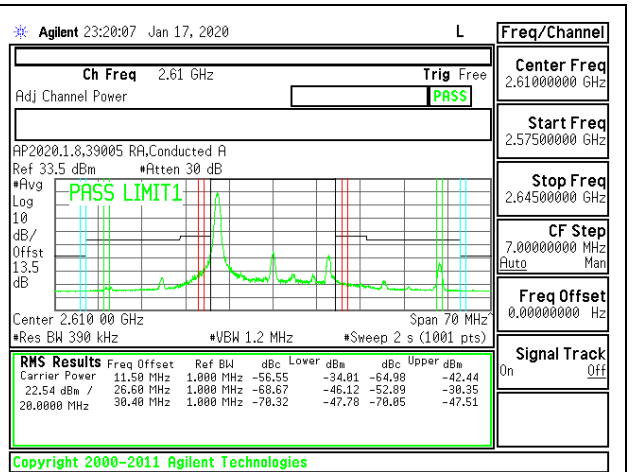


LTE B38 20MHz 16QAM Middle Channel RB100-0

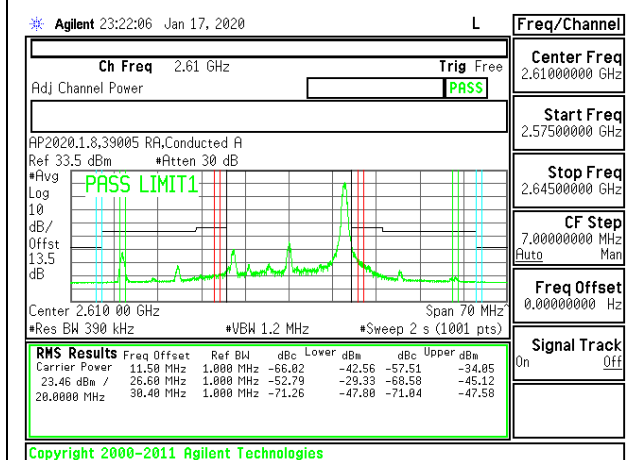




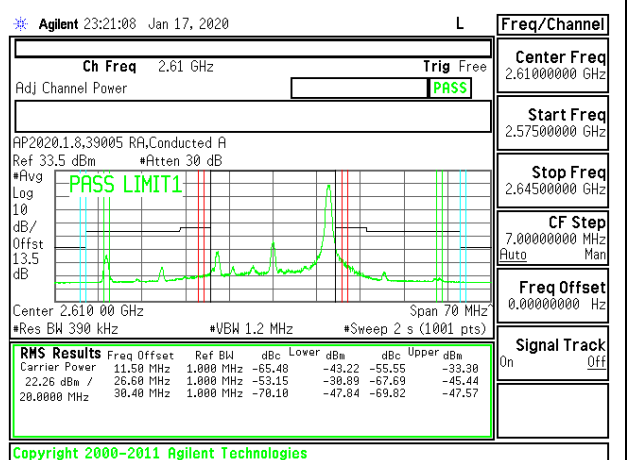
LTE B38 20MHz QPSK High Channel RB1-0



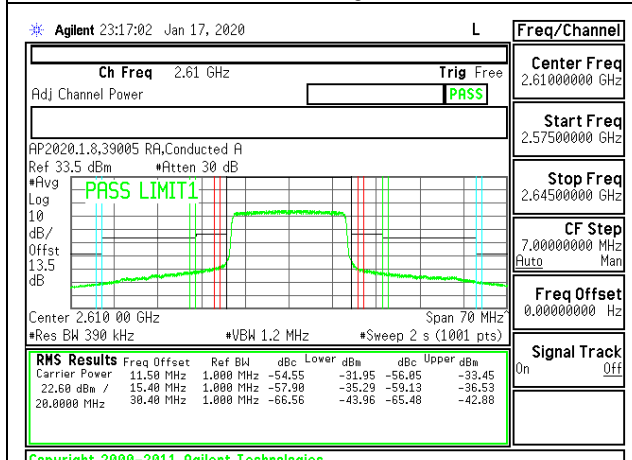
LTE B38 20MHz 16QAM High Channel RB1-0



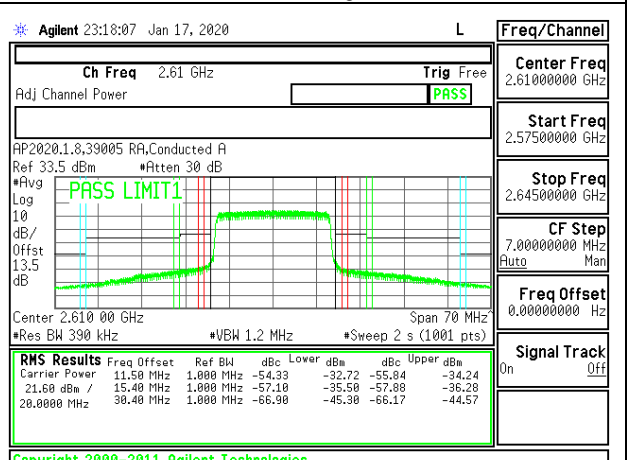
LTE B38 20MHz QPSK High Channel RB1-99



LTE B38 20MHz 16QAM High Channel RB1-99



LTE B38 20MHz QPSK High Channel RB100-0



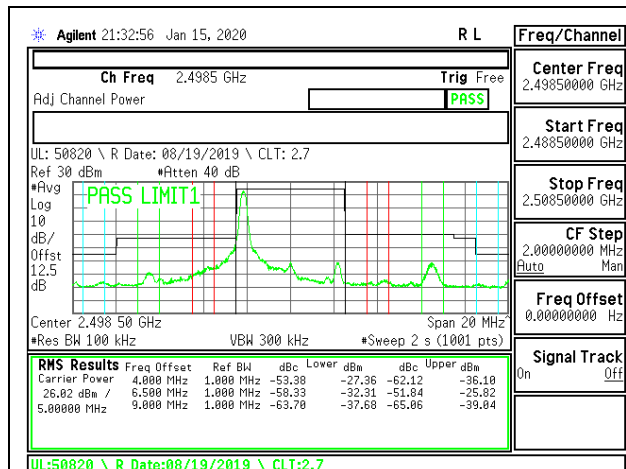
LTE B38 20MHz 16QAM High Channel RB100-0

## 8.2.19. LTE BAND 41 ADJACENT CHANNEL POWER (FCC) HPUE

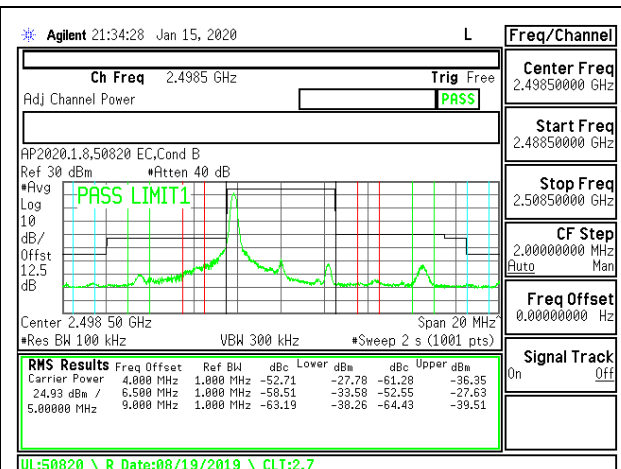
### LIMITS

FCC: §27.53

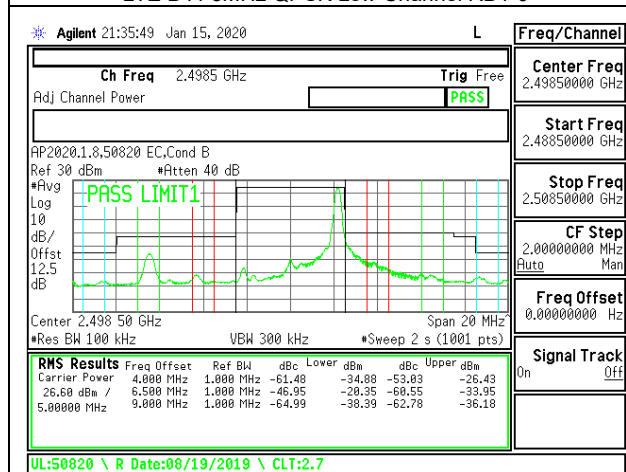
(m)(4) For mobile digital stations, the attenuation factor shall be not less than  $40 + 10 \log (P)$  dB on all frequencies between the channel edge and 5 megahertz from the channel edge,  $43 + 10 \log (P)$  dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and  $55 + 10 \log (P)$  dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than  $43 + 10 \log (P)$  dB on all frequencies between 2490.5 MHz and 2496 MHz and  $55 + 10 \log (P)$  dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.



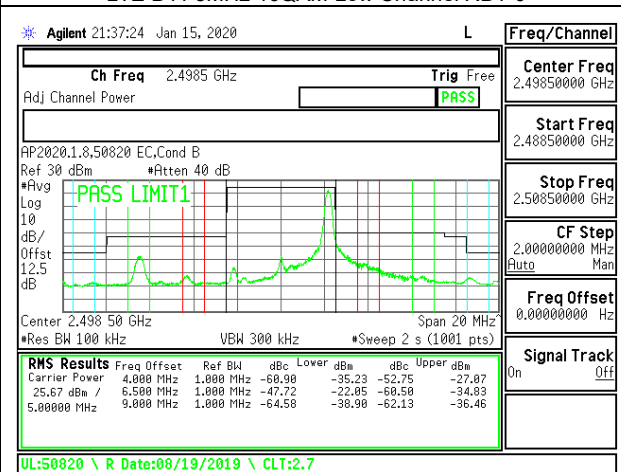
LTE B41 5MHz QPSK Low Channel RB1-0



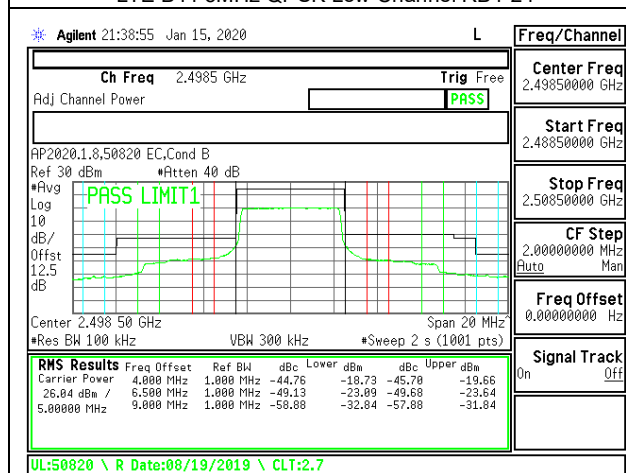
LTE B41 5MHz 16QAM Low Channel RB1-0



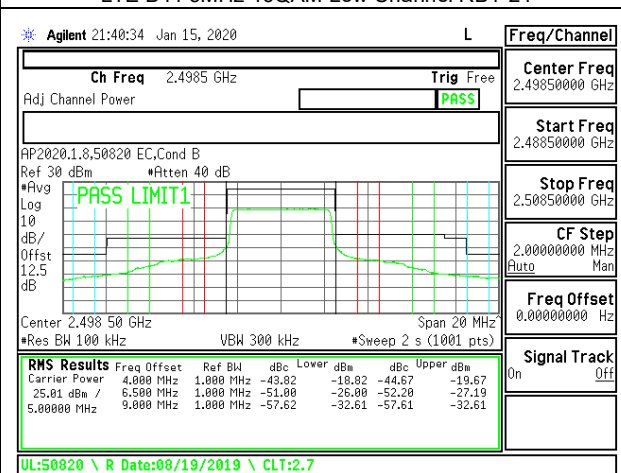
LTE B41 5MHz QPSK Low Channel RB1-24



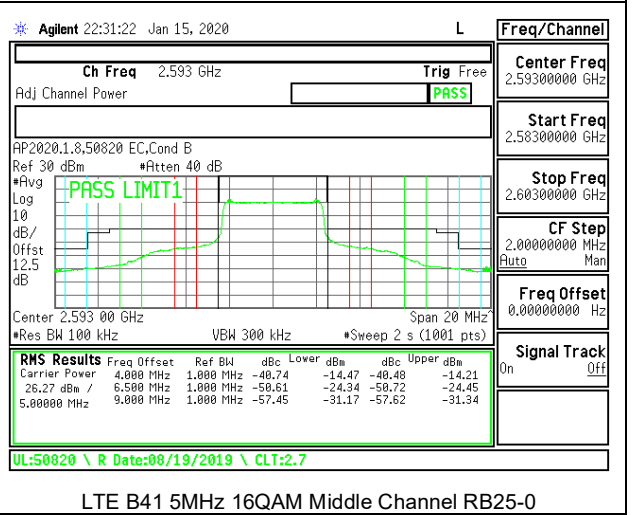
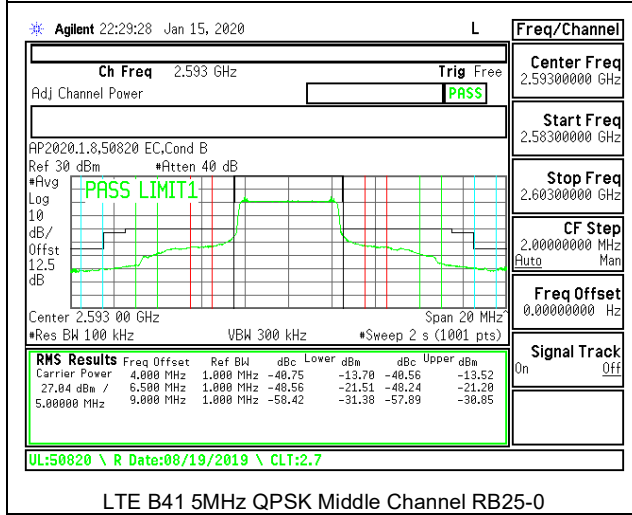
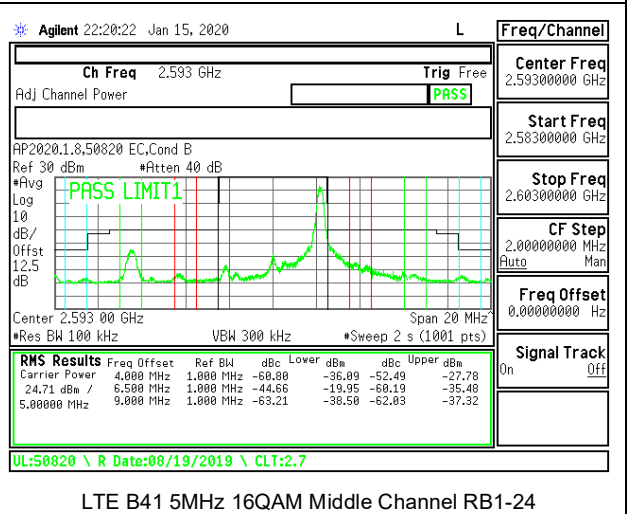
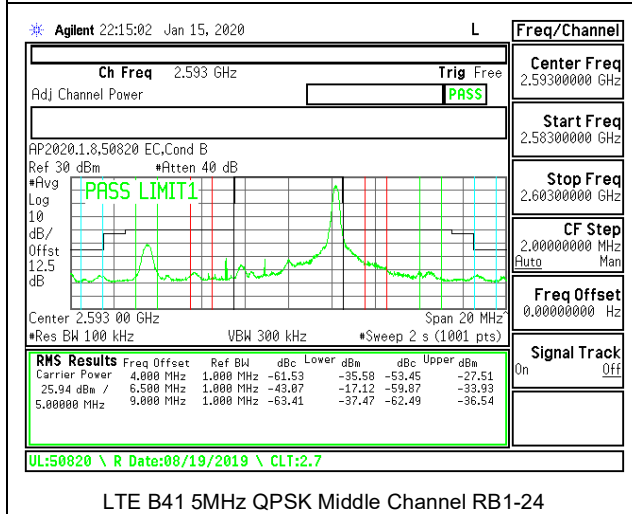
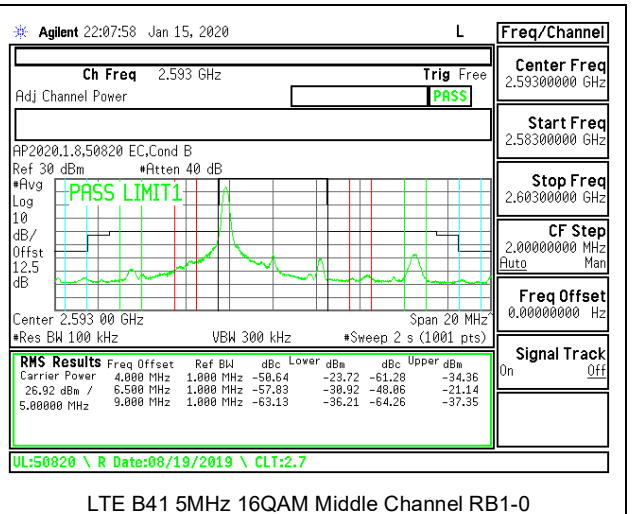
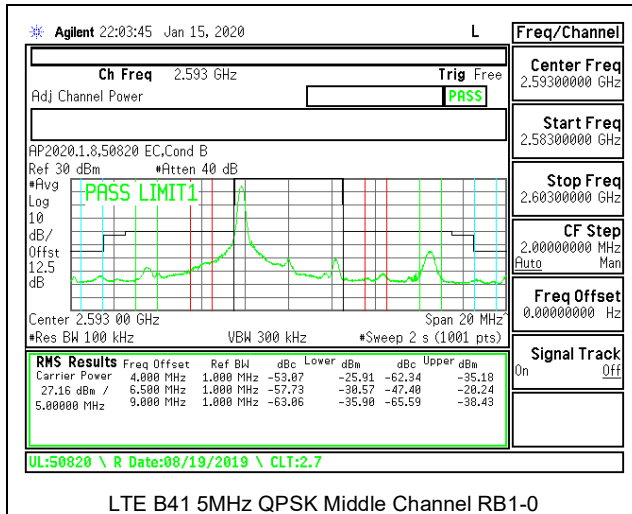
LTE B41 5MHz 16QAM Low Channel RB1-24

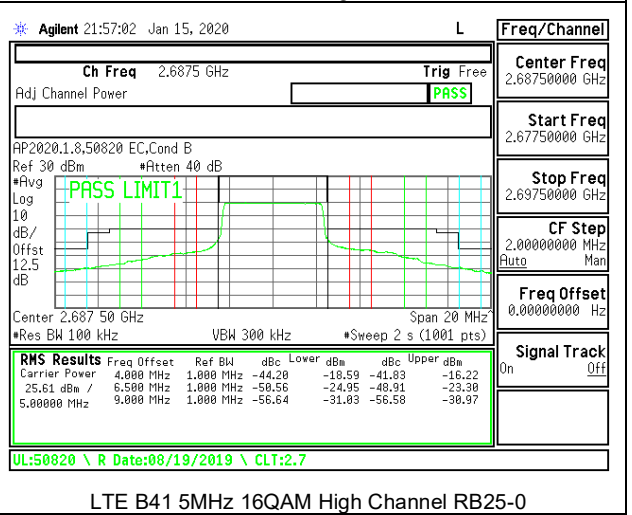
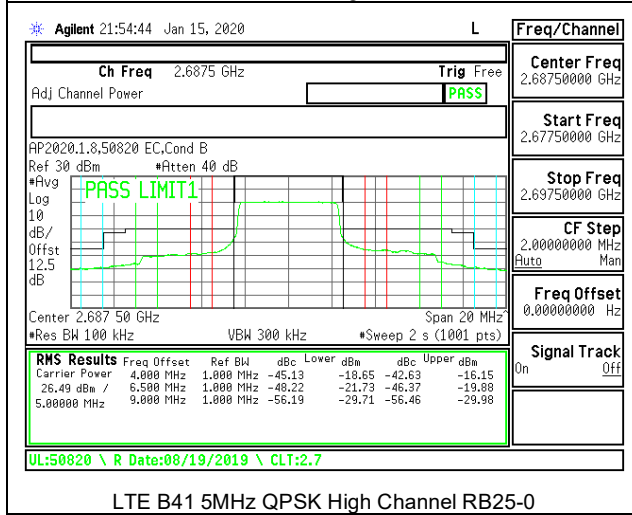
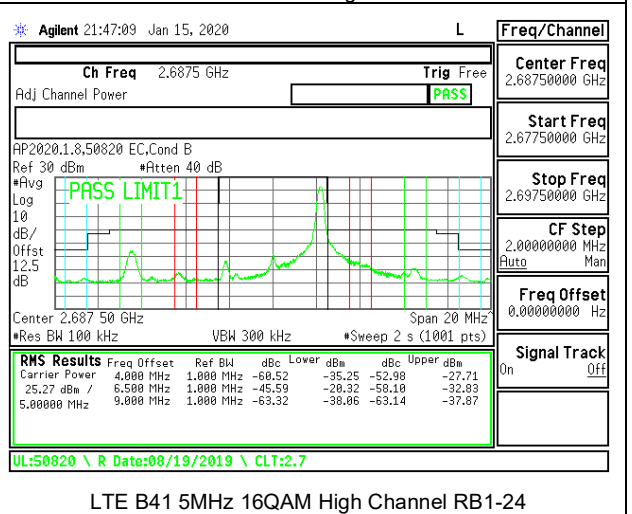
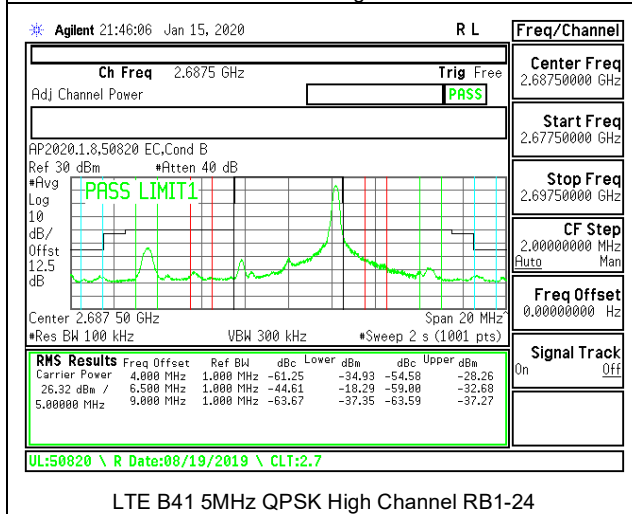
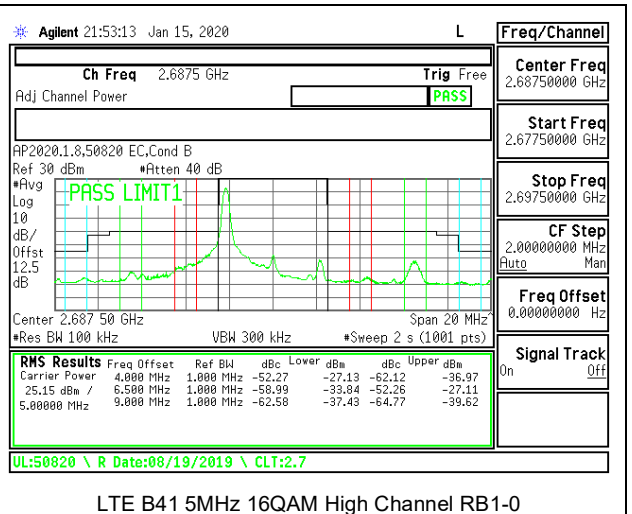
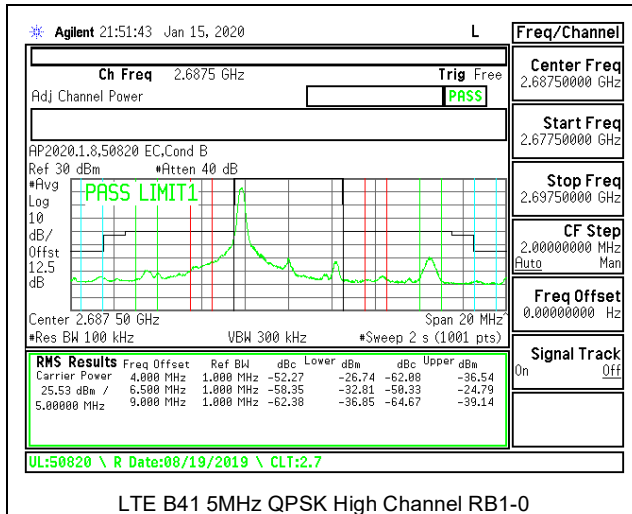


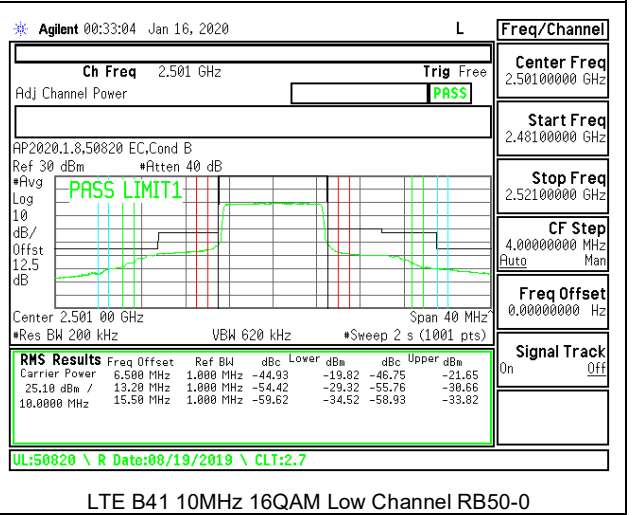
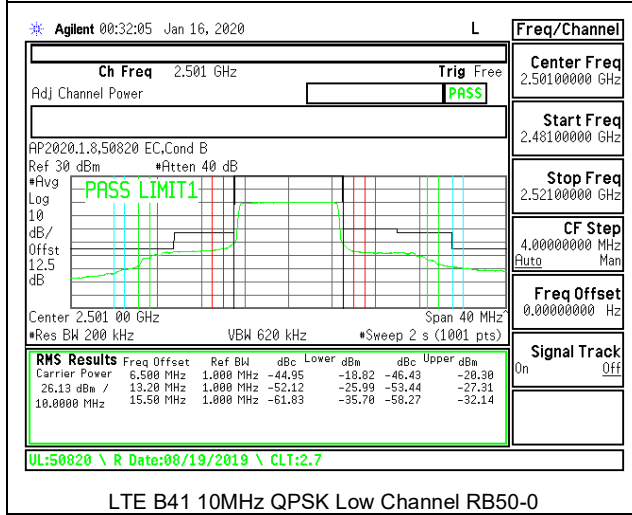
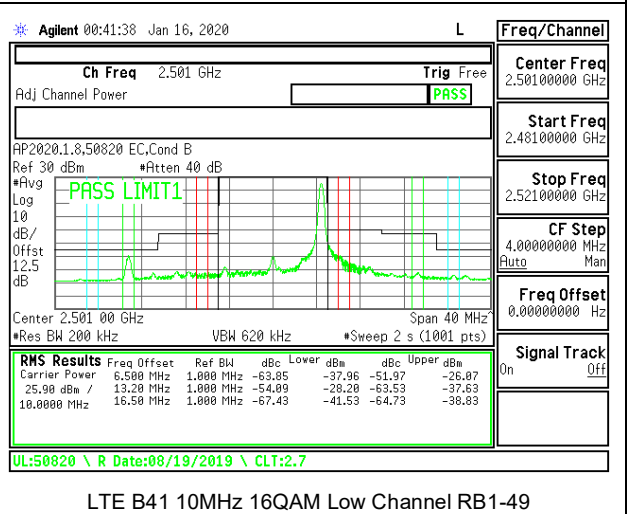
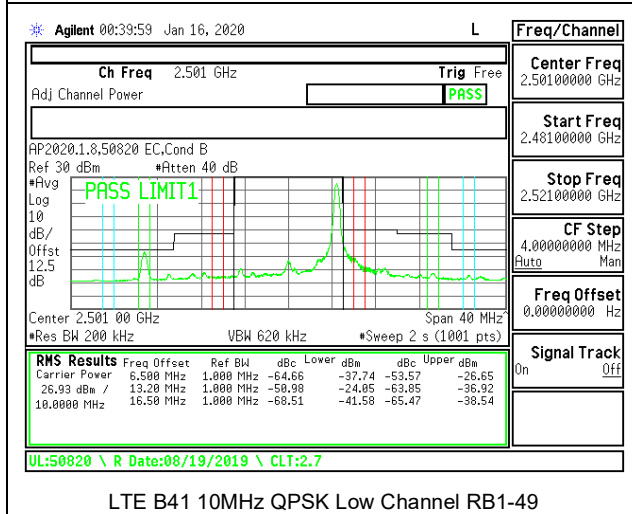
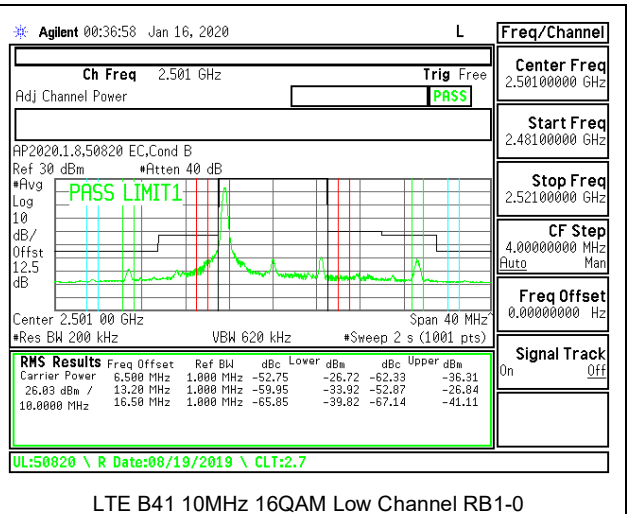
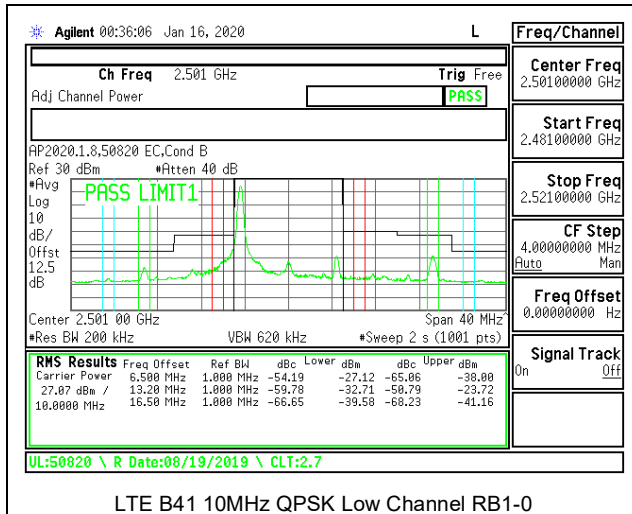
LTE B41 5MHz QPSK Low Channel RB25-0

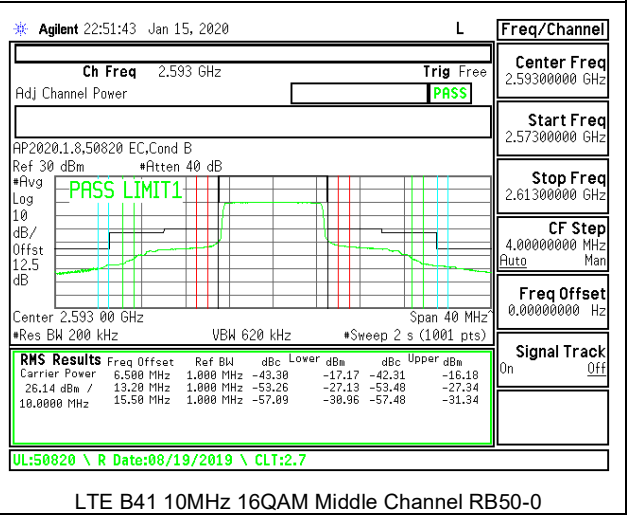
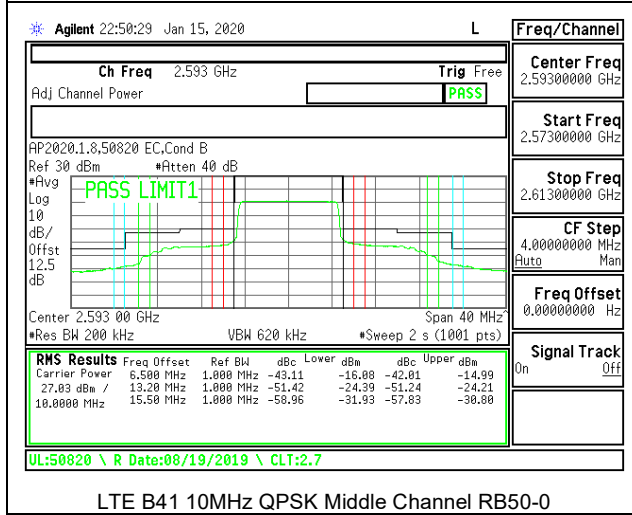
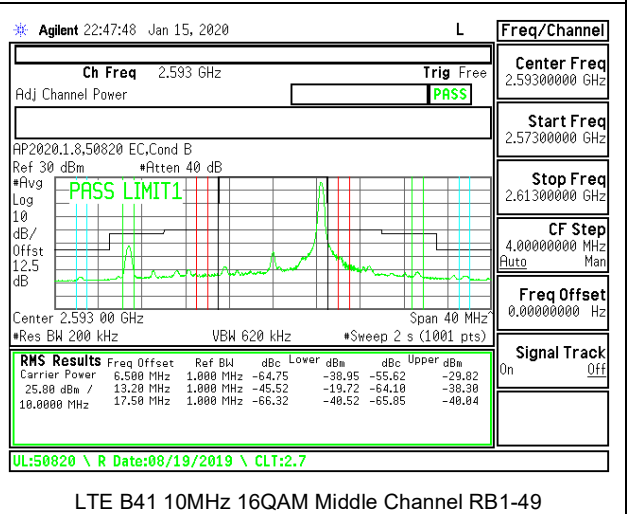
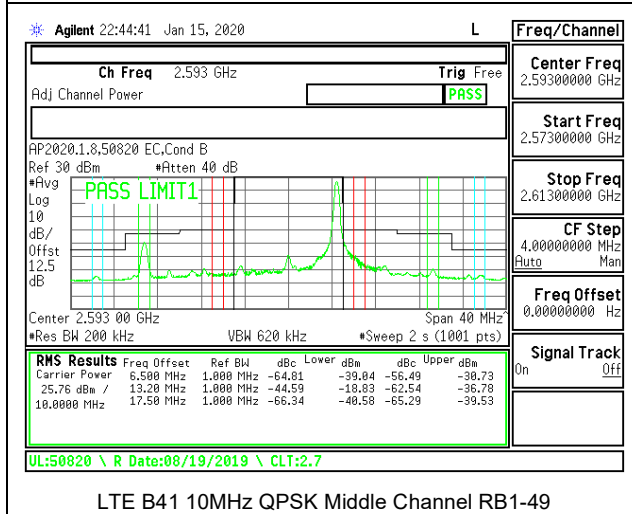
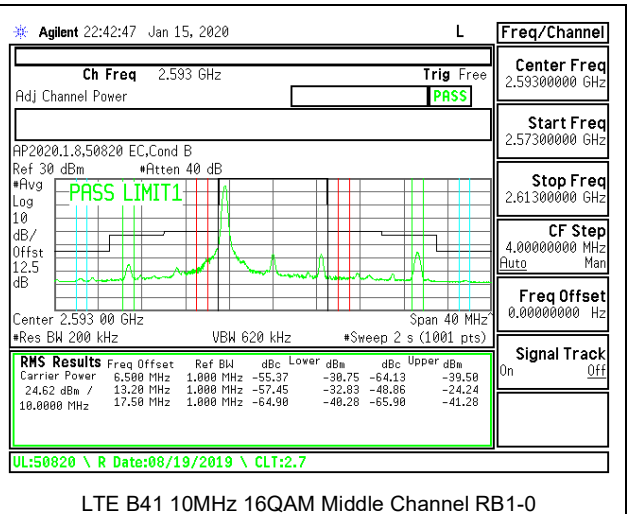
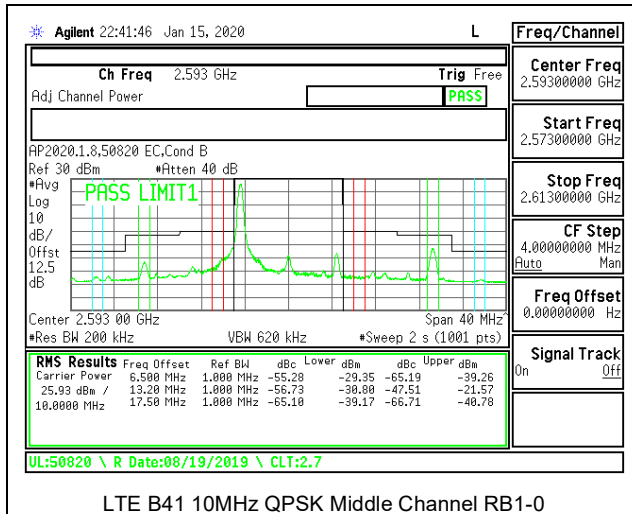


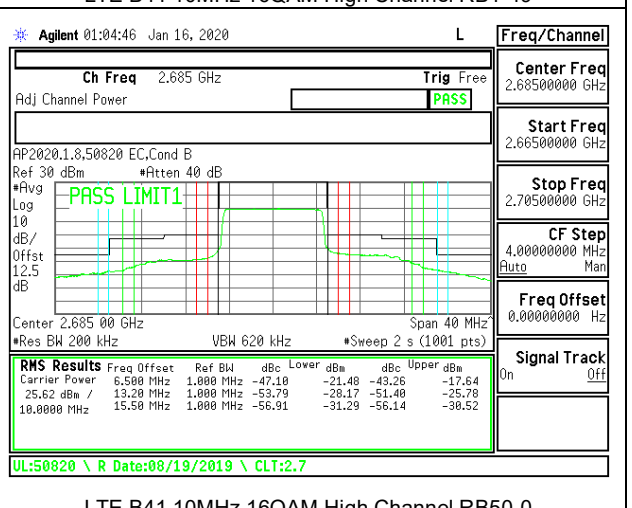
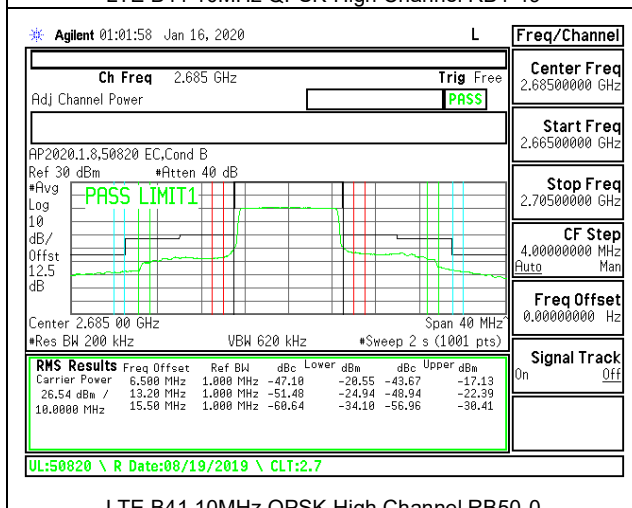
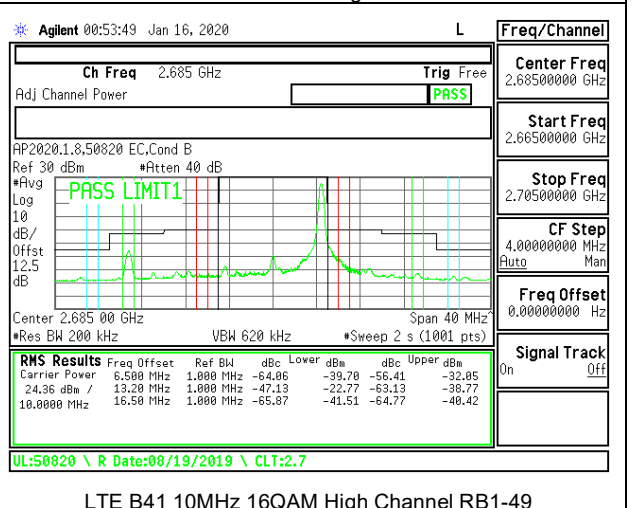
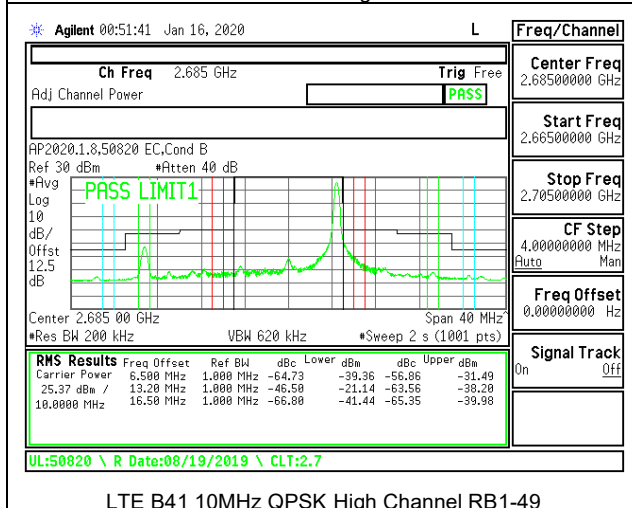
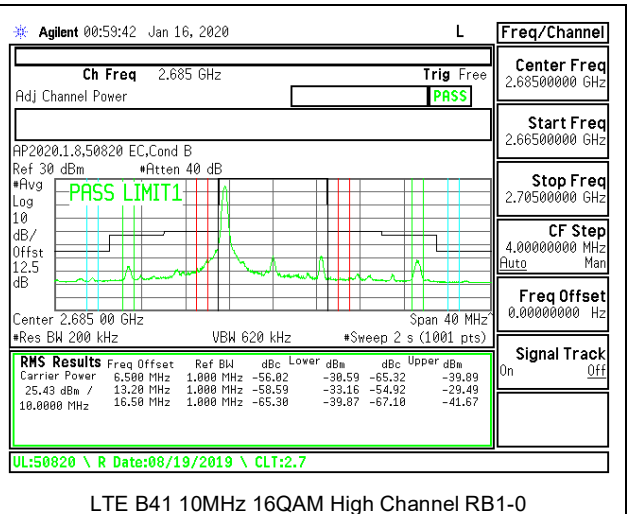
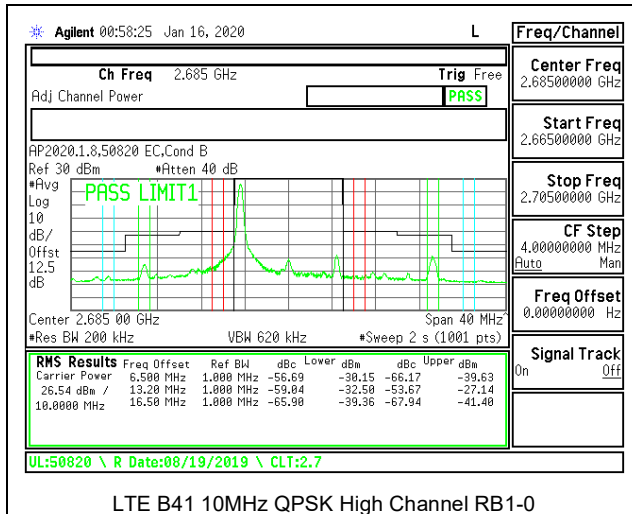
LTE B41 5MHz 16QAM Low Channel RB25-0



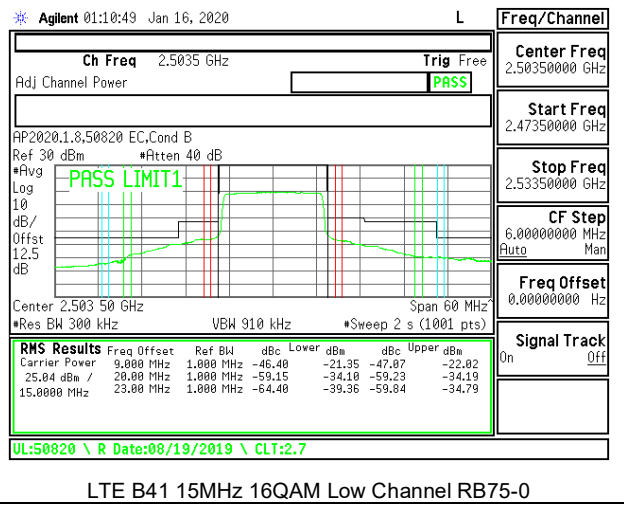
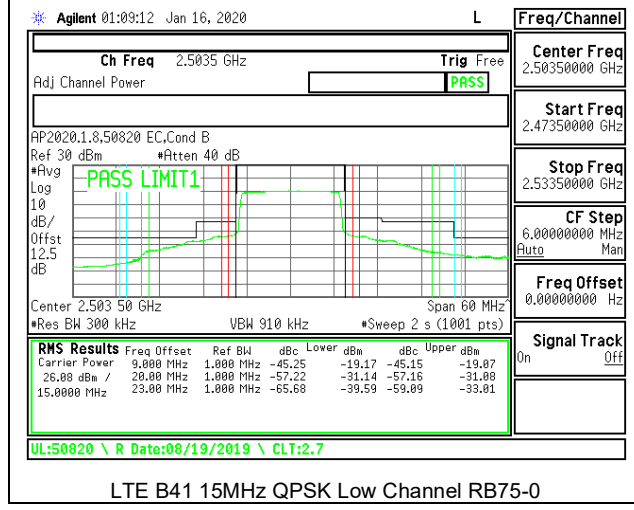
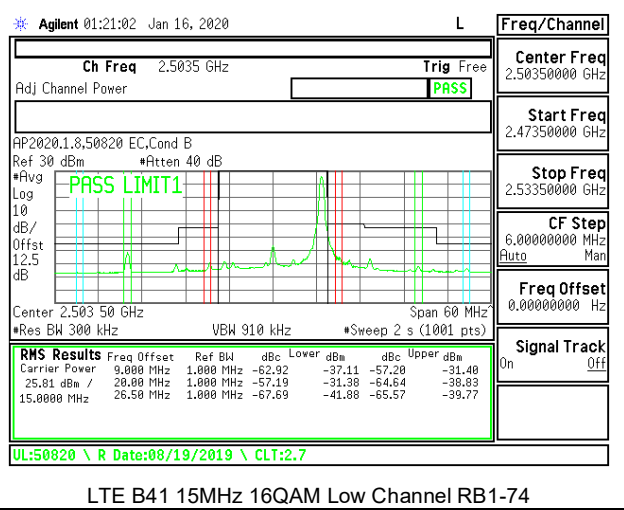
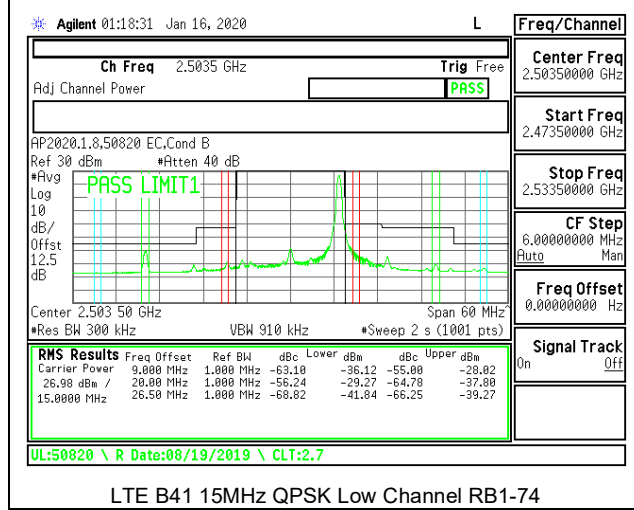
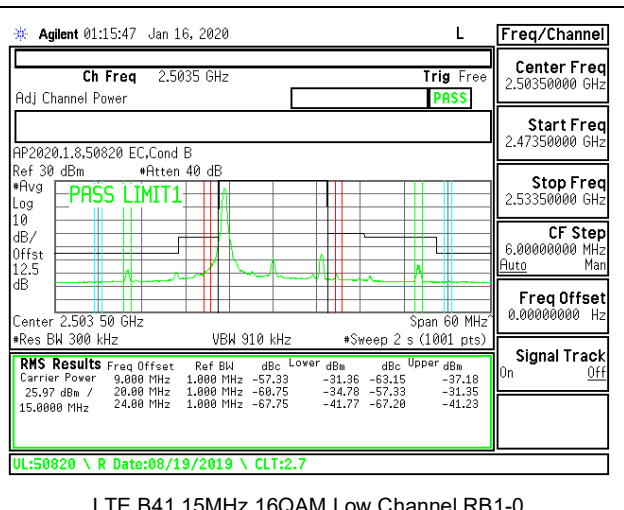
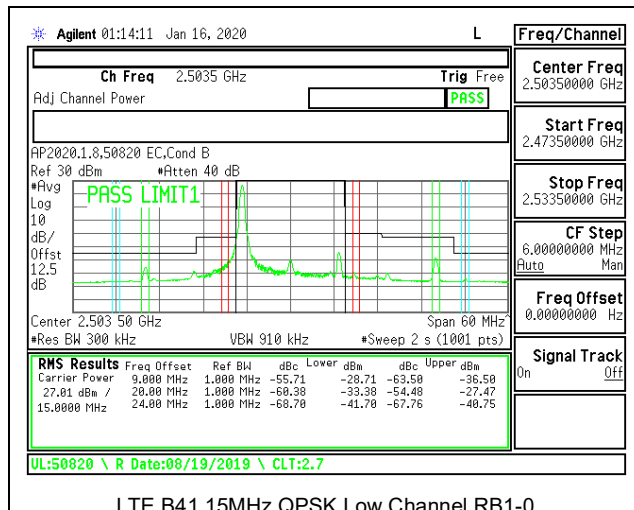


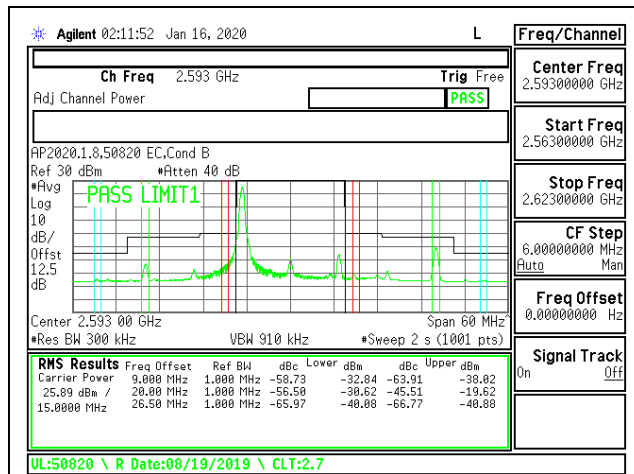




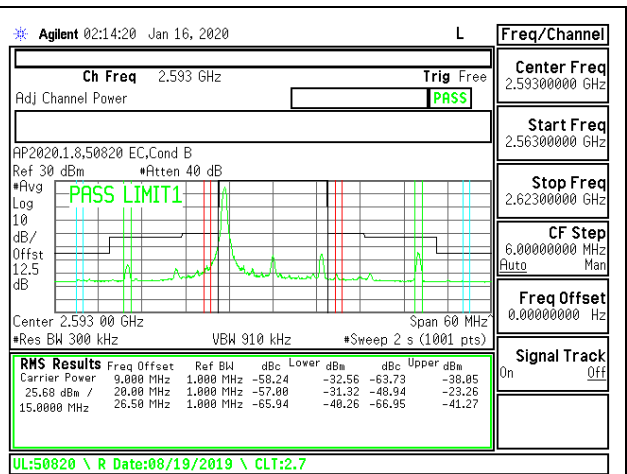




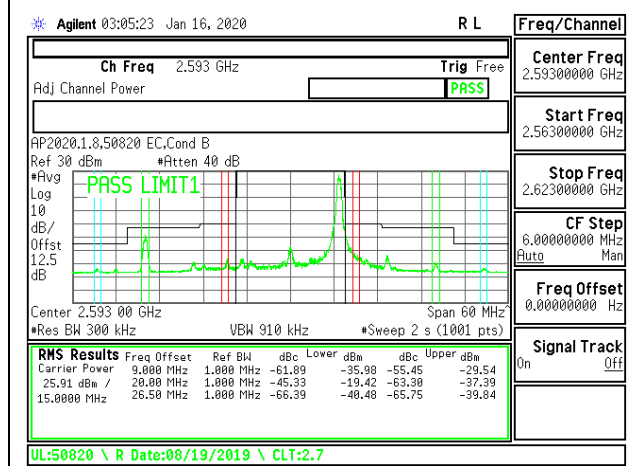




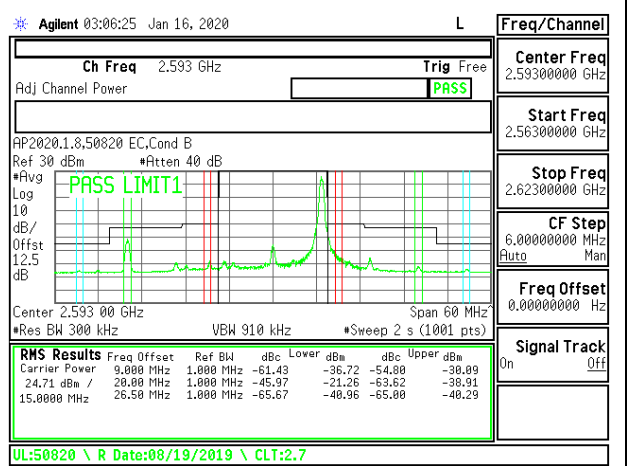
LTE B41 15MHz QPSK Middle Channel RB1-0



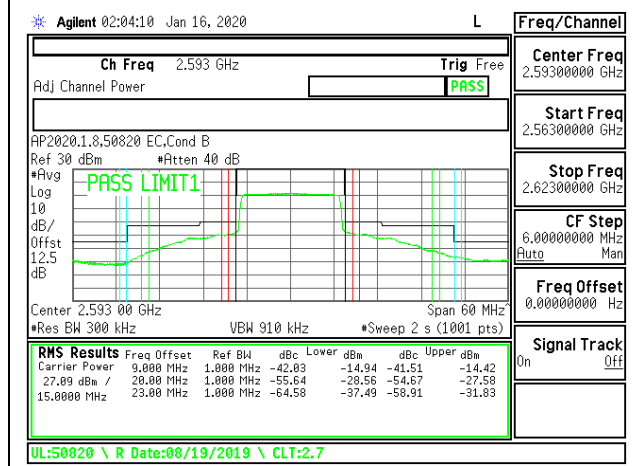
LTE B41 15MHz 16QAM Middle Channel RB1-0



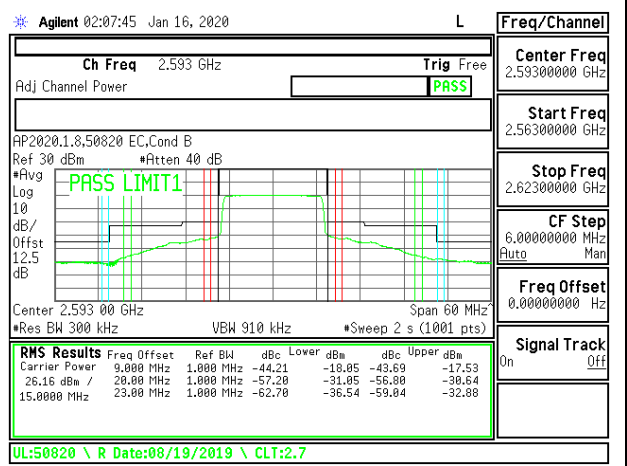
LTE B41 15MHz QPSK Middle Channel RB1-74



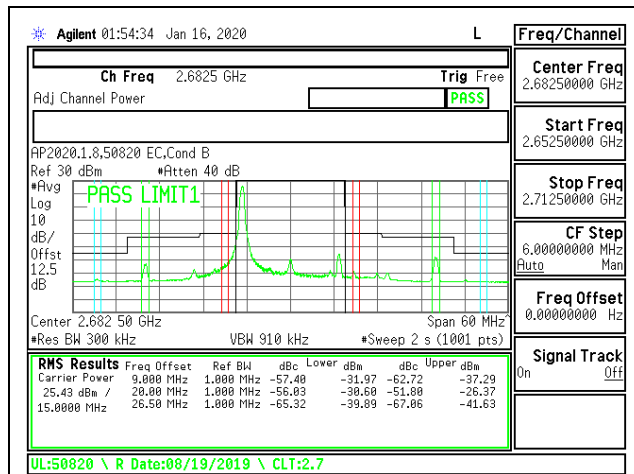
LTE B41 15MHz 16QAM Middle Channel RB1-74



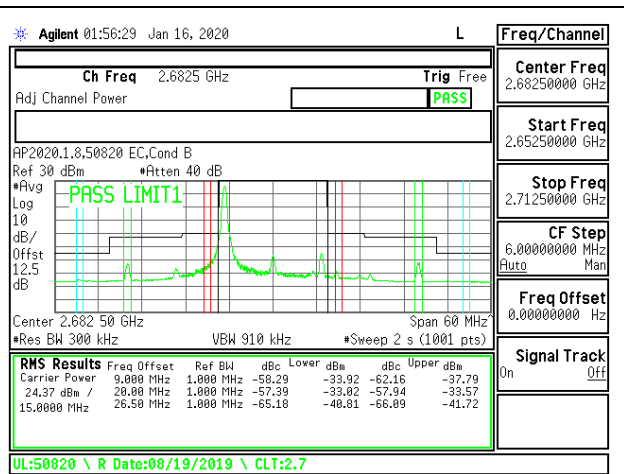
LTE B41 15MHz QPSK Middle Channel RB75-0



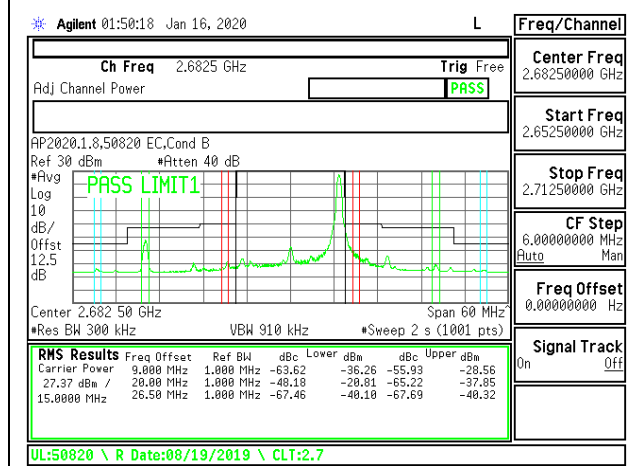
LTE B41 15MHz 16QAM Middle Channel RB75-0



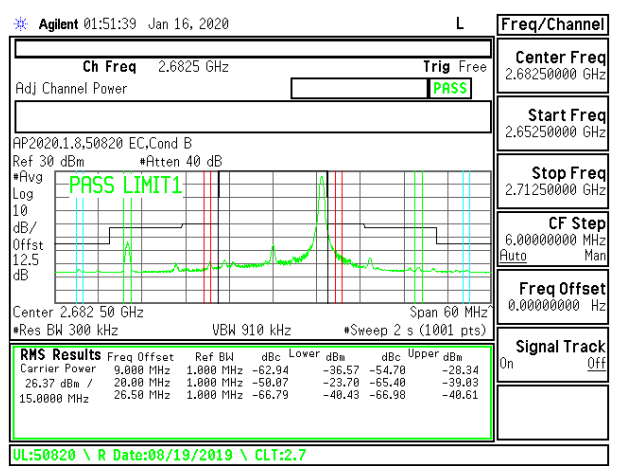
LTE B41 15MHz QPSK High Channel RB1-0



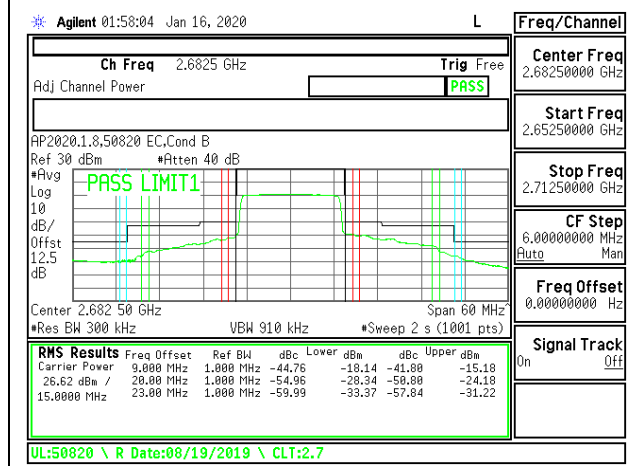
LTE B41 15MHz 16QAM High Channel RB1-0



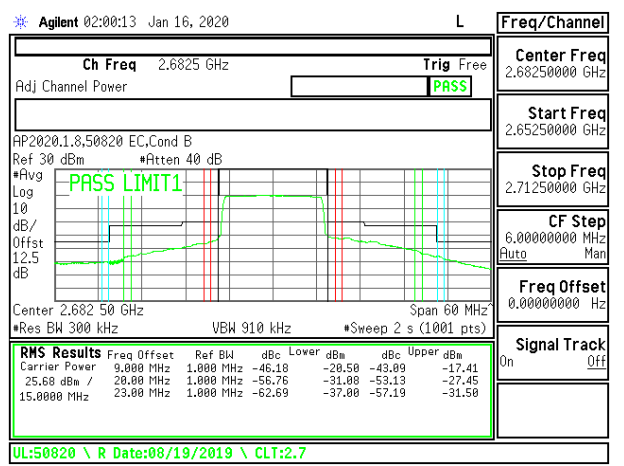
LTE B41 15MHz QPSK High Channel RB1-74



LTE B41 15MHz 16QAM High Channel RB1-74



LTE B41 15MHz QPSK High Channel RB75-0



LTE B41 15MHz 16QAM High Channel RB75-0

