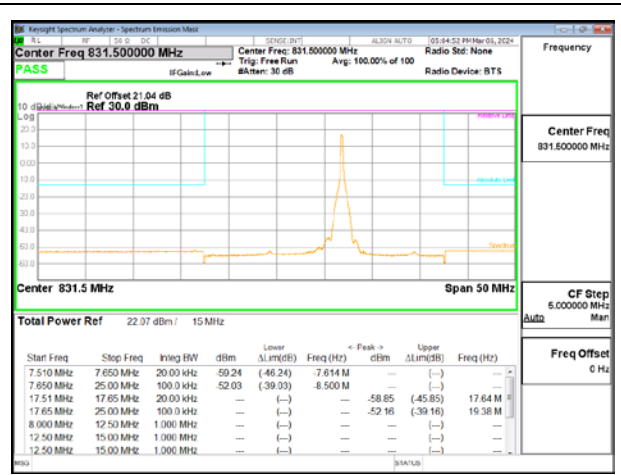
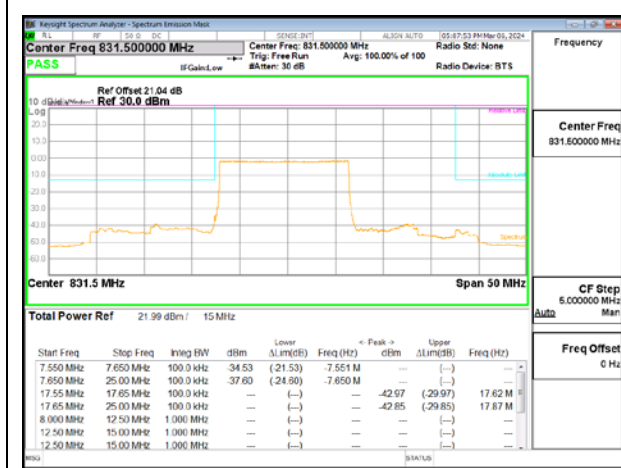


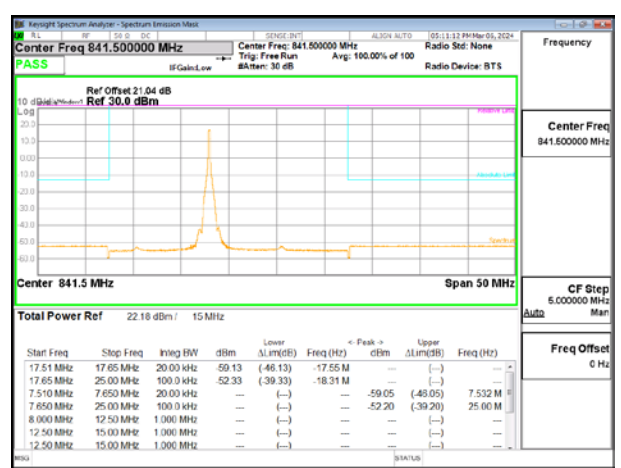
5G NR n5 15MHz BPSK Low Channel RB1-0



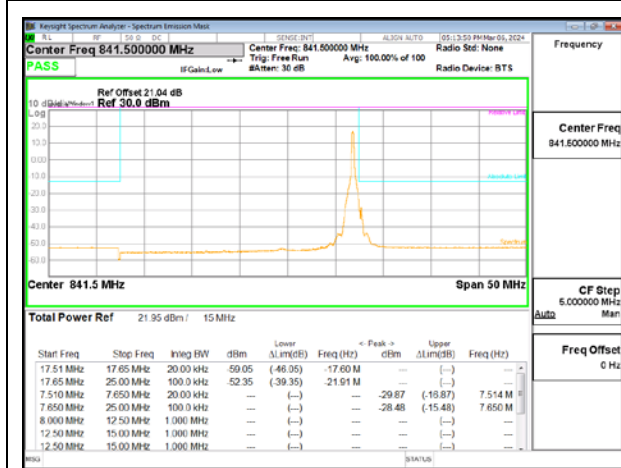
5G NR n5 15MHz BPSK Low Channel RB1-77



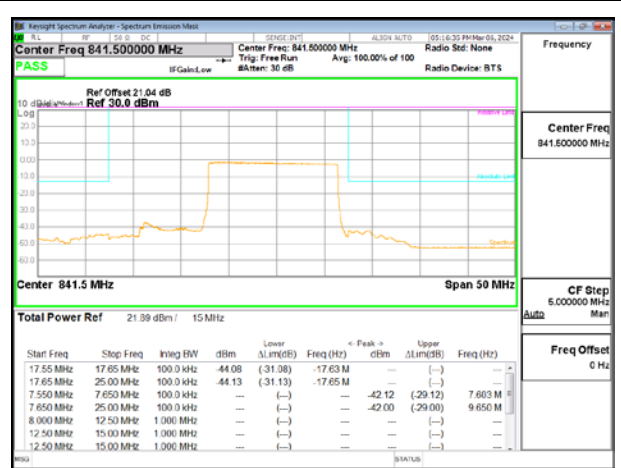
5G NR n5 15MHz BPSK Low Channel RB75-0



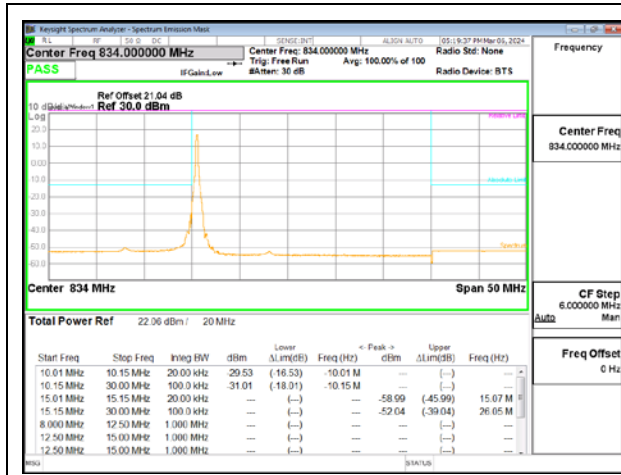
5G NR n5 15MHz BPSK High Channel RB1-0



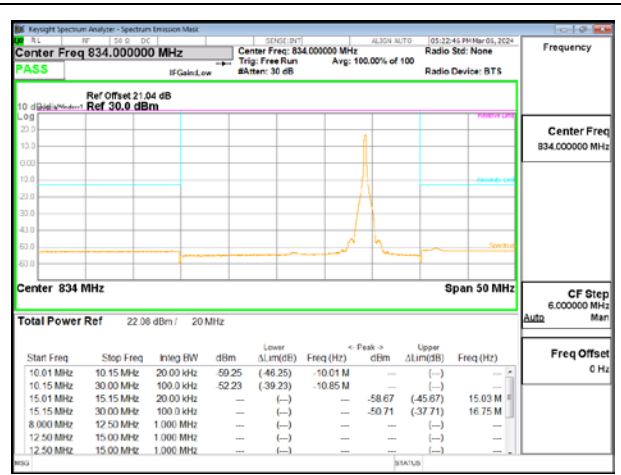
5G NR n5 15MHz BPSK High Channel RB1-77



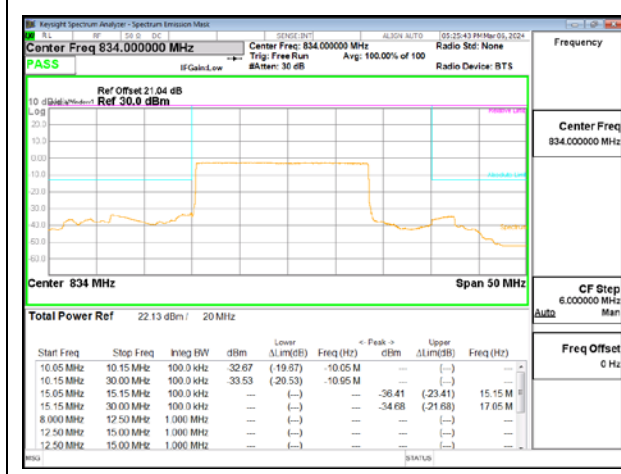
5G NR n5 15MHz BPSK High Channel RB75-0



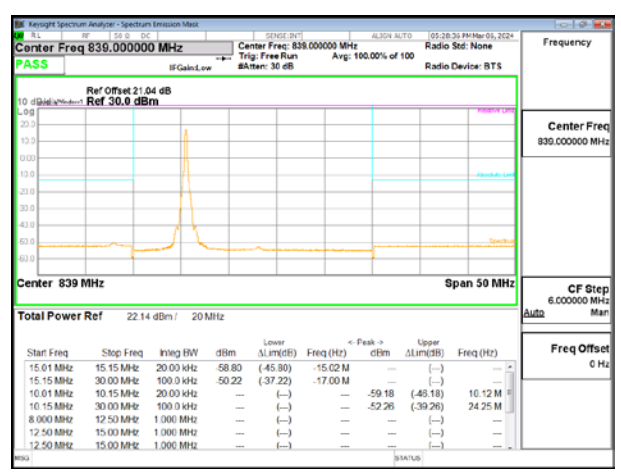
5G NR n5 20MHz BPSK Low Channel RB1-0



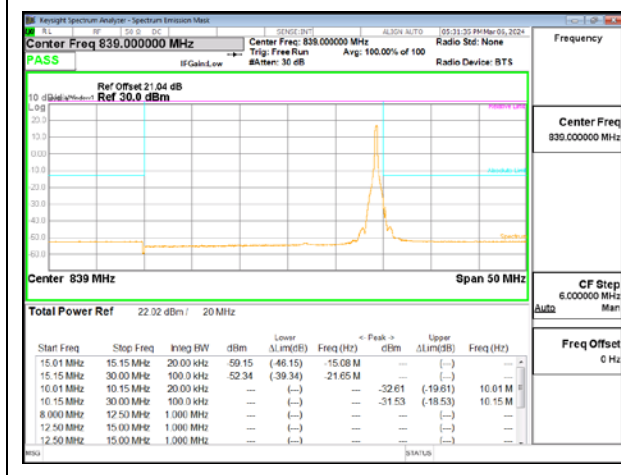
5G NR n5 20MHz BPSK Low Channel RB1-104



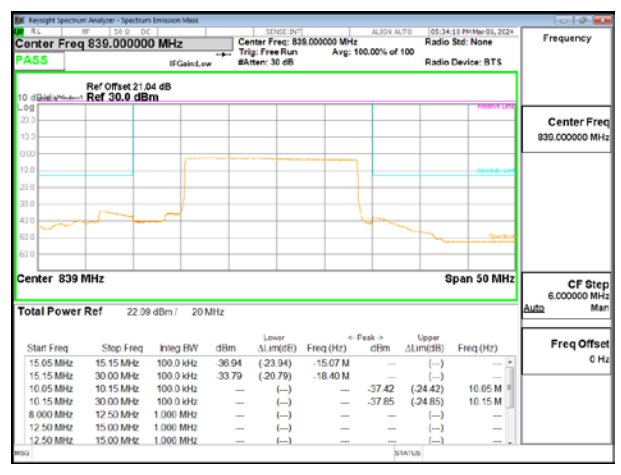
5G NR n5 20MHz BPSK Low Channel RB100-0



5G NR n5 20MHz BPSK High Channel RB1-0



5G NR n5 20MHz BPSK High Channel RB1-104



5G NR n5 20MHz BPSK High Channel RB100-0

### 9.2.3. LTE BAND 12

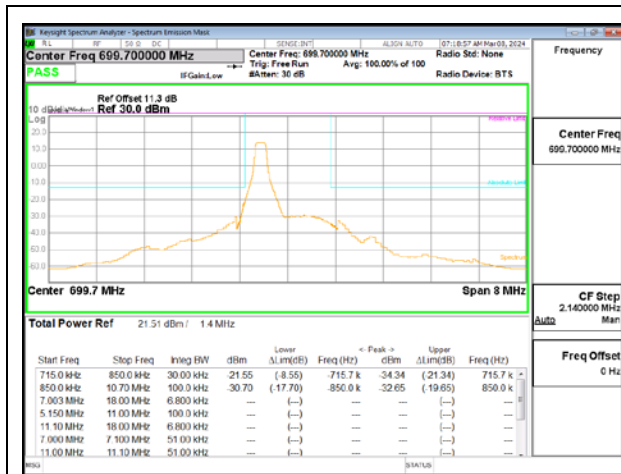
#### LIMITS

FCC: §27.53

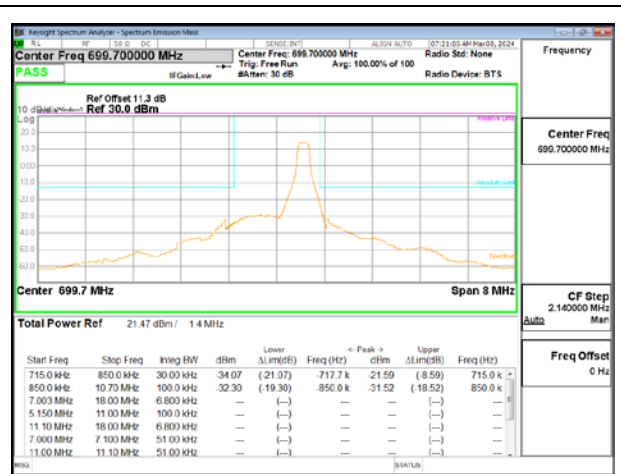
(g) For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least  $43 + 10 \log (P)$  dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

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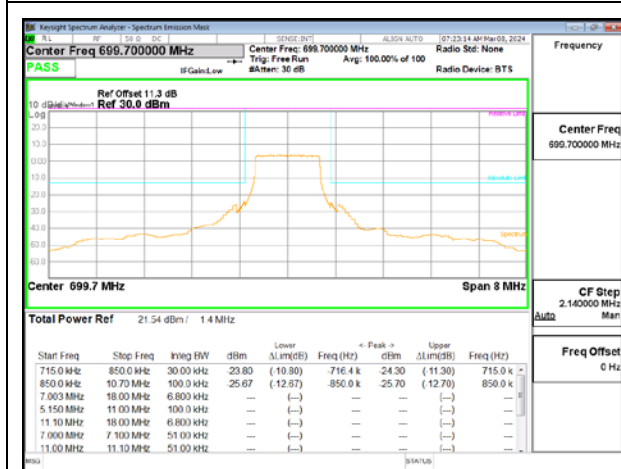
LTE BAND 12



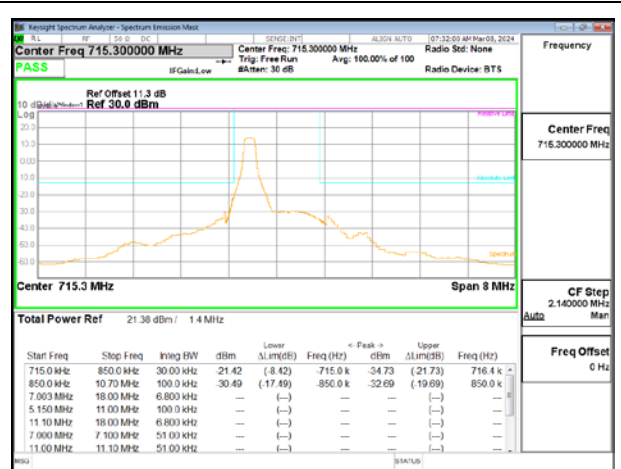
LTE Band 12 1.4MHz 16QAM Low Channel RB1-0



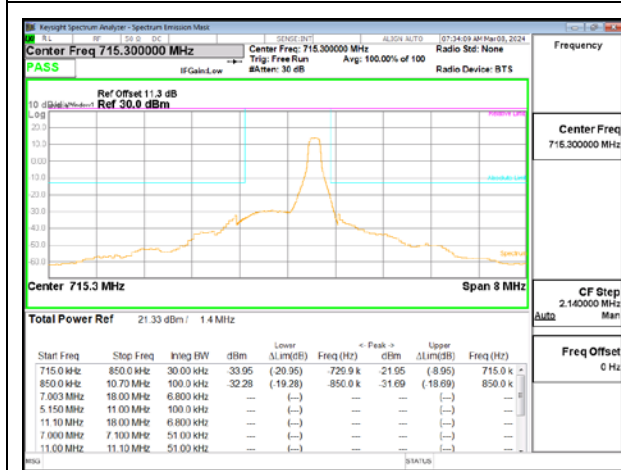
LTE Band 12 1.4MHz 16QAM Low Channel RB1-5



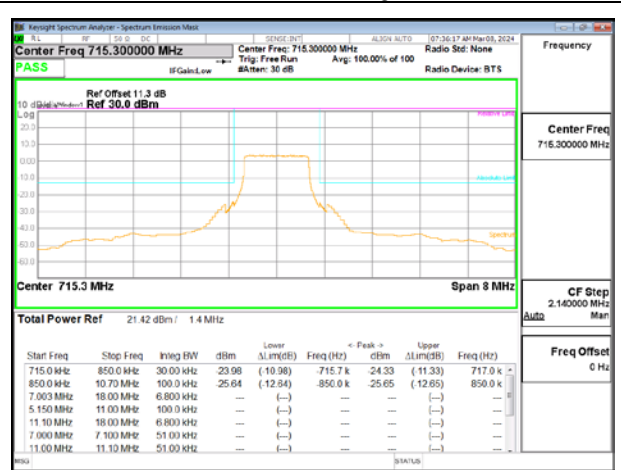
LTE Band 12 1.4MHz 16QAM Low Channel RB6-0



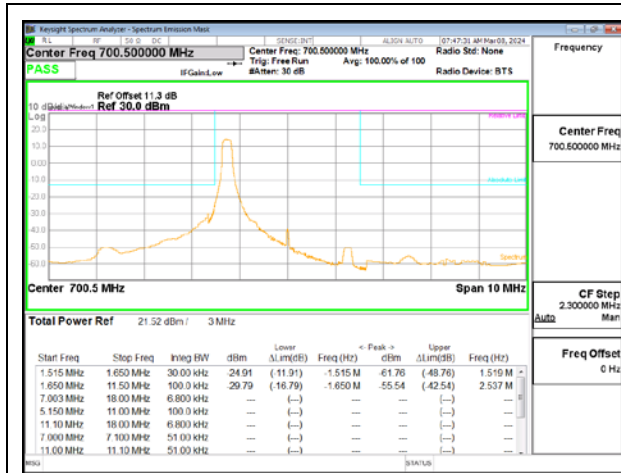
LTE Band 12 1.4MHz 16QAM High Channel RB1-0



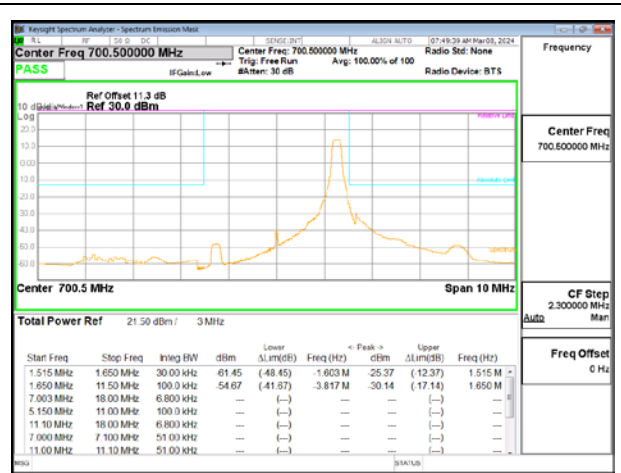
LTE Band 12 1.4MHz 16QAM High Channel RB1-5



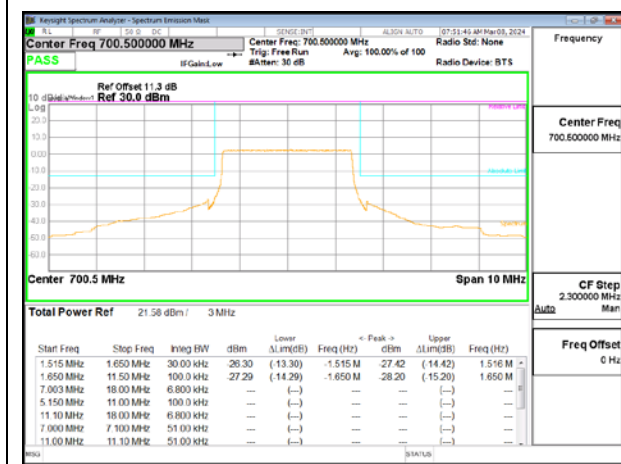
LTE Band 12 1.4MHz 16QAM High Channel RB6-0



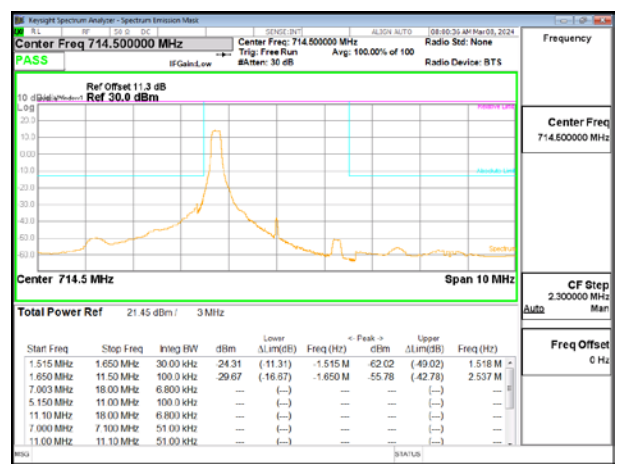
LTE Band 12 3MHz 16QAM Low Channel RB1-0



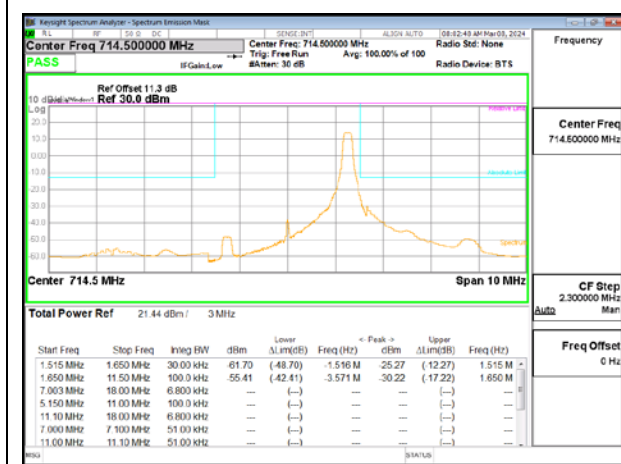
LTE Band 12 3MHz 16QAM Low Channel RB1-14



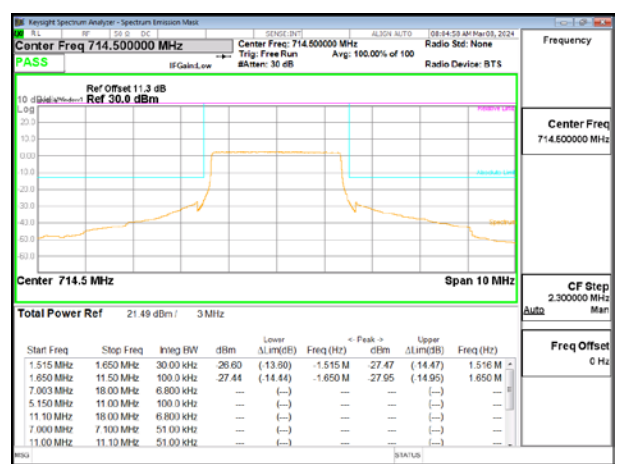
LTE Band 12 3MHz 16QAM Low Channel RB15-0



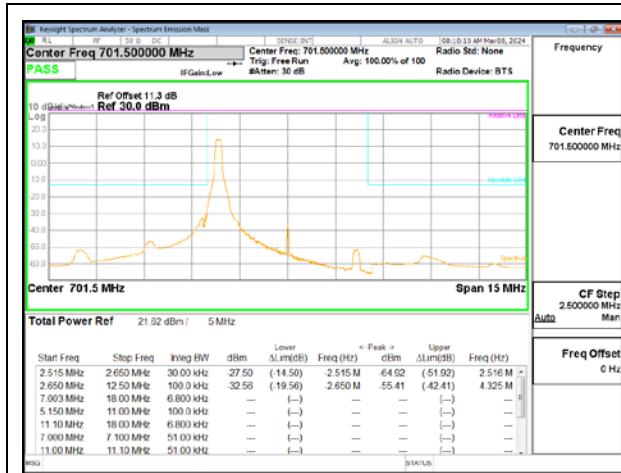
LTE Band 12 3MHz 16QAM High Channel RB1-0



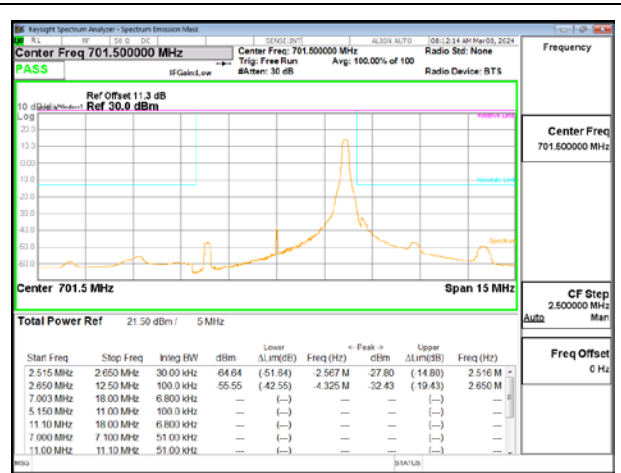
LTE Band 12 3MHz 16QAM High Channel RB1-14



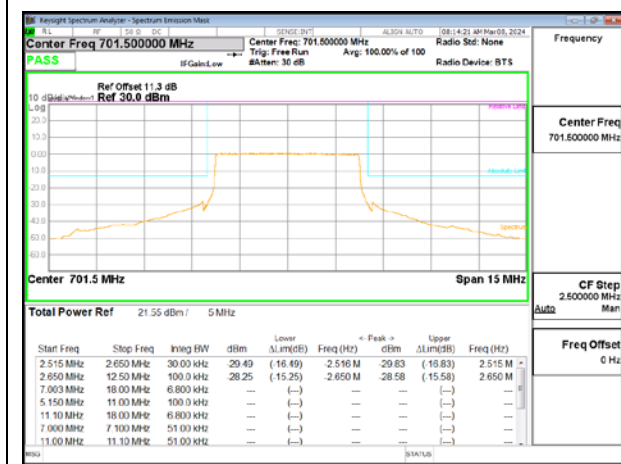
LTE Band 12 3MHz 16QAM High Channel RB15-0



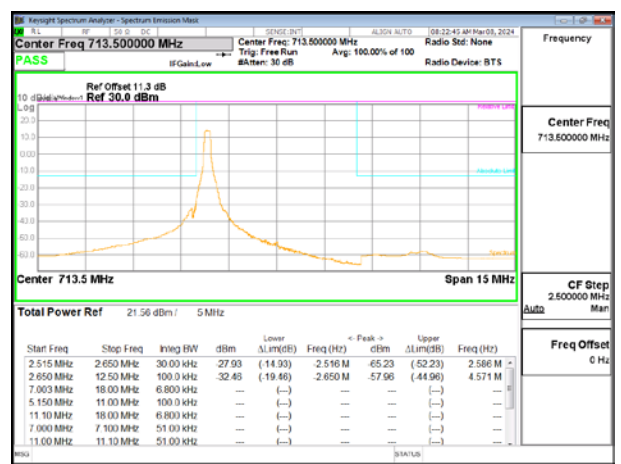
LTE Band 12 5MHz 16QAM Low Channel RB1-0



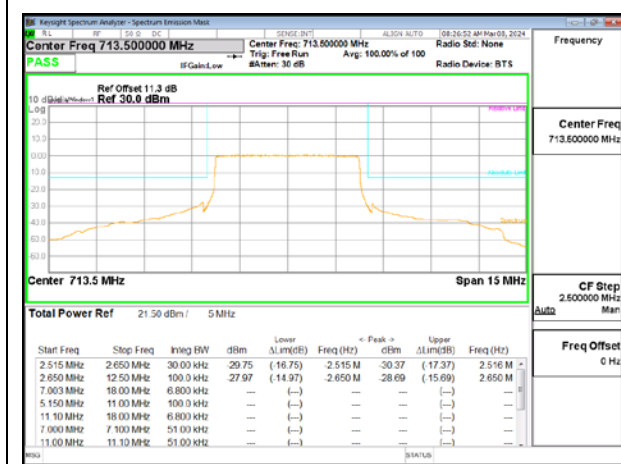
LTE Band 12 5MHz 16QAM Low Channel RB1-24



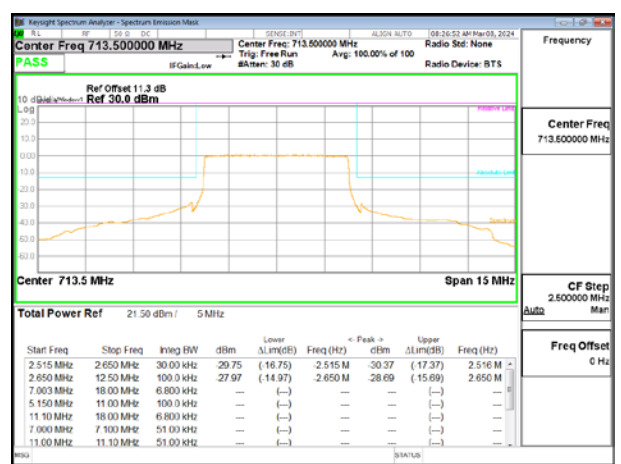
LTE Band 12 5MHz 16QAM Low Channel RB25-0



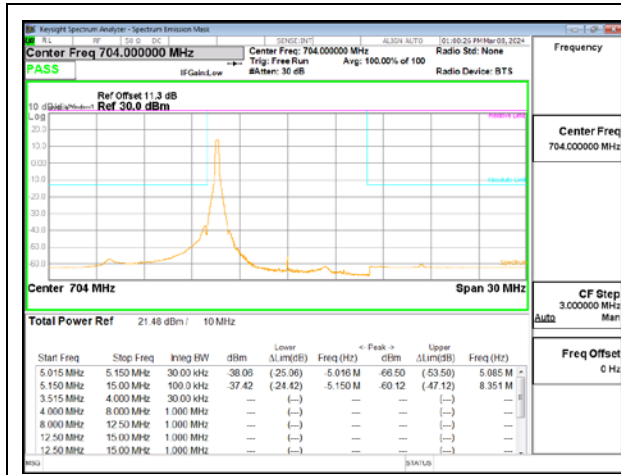
LTE Band 12 5MHz 16QAM High Channel RB1-0



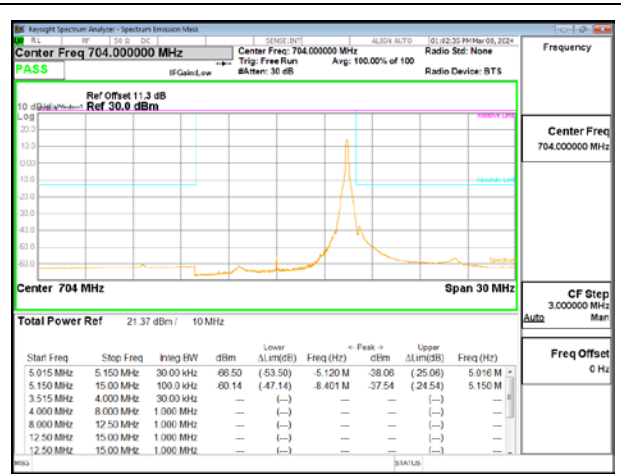
LTE Band 12 5MHz 16QAM High Channel RB1-24



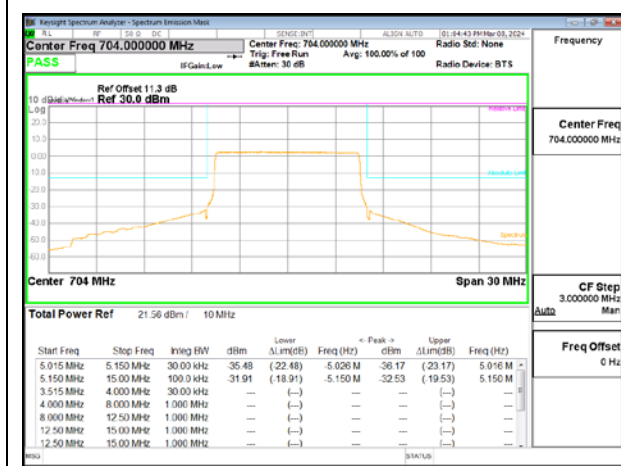
LTE Band 12 5MHz 16QAM High Channel RB25-0



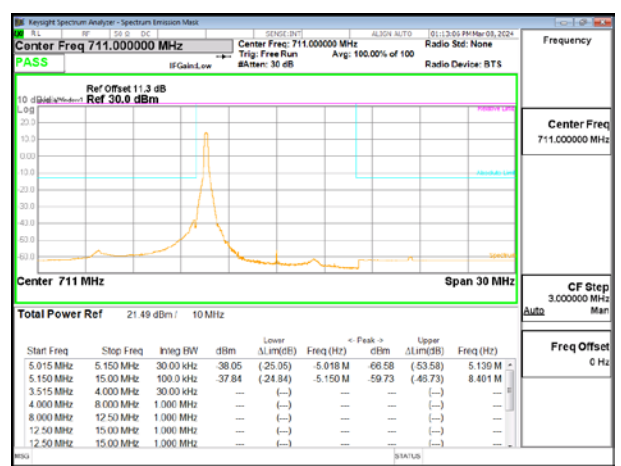
LTE Band 12 10MHz 16QAM Low Channel RB1-0



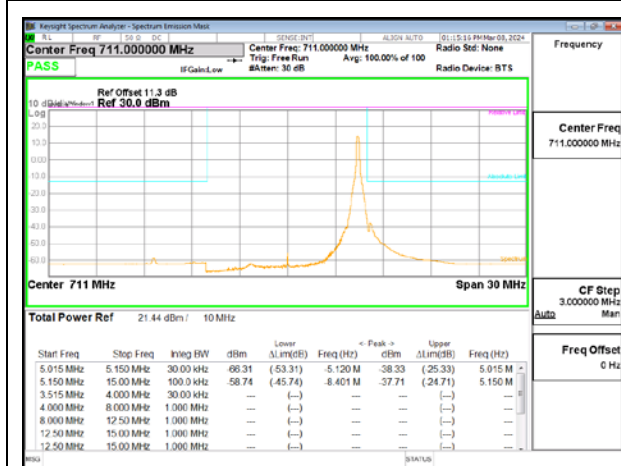
LTE Band 12 10MHz 16QAM Low Channel RB1-49



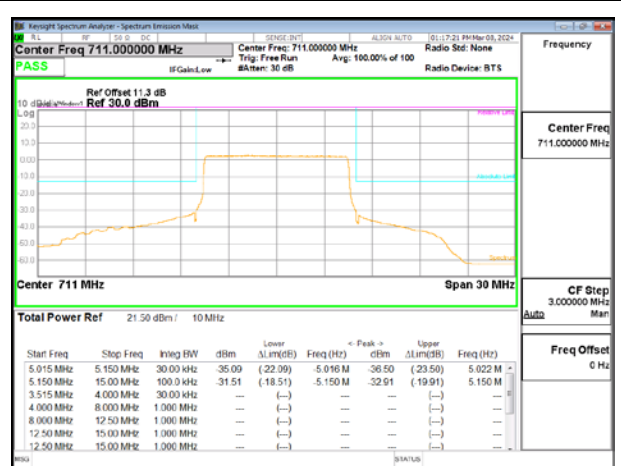
LTE Band 12 10MHz 16QAM Low Channel RB50-0



LTE Band 12 10MHz 16QAM High Channel RB1-0



LTE Band 12 10MHz 16QAM High Channel RB1-49



LTE Band 12 10MHz 16QAM High Channel RB50-0

### 9.2.4. LTE BAND 13 EMISSION MASK

**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.

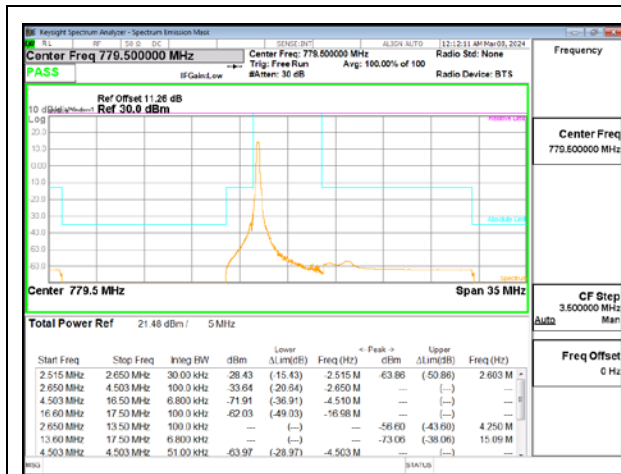
(f) Emissions in the band 1559-1610 MHz shall be limited to  $-70$  dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals. ( $-70$  dBW/MHz =  $-40$  dBm/MHz).

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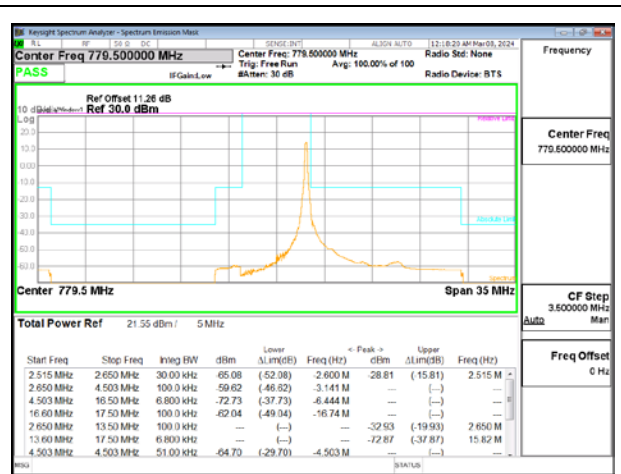
Note: Compliance to Part 27.53(6), was performed with a 6.8kHz RBW instead of a 6.25kHz RBW as worst-case. No corrections were applied.



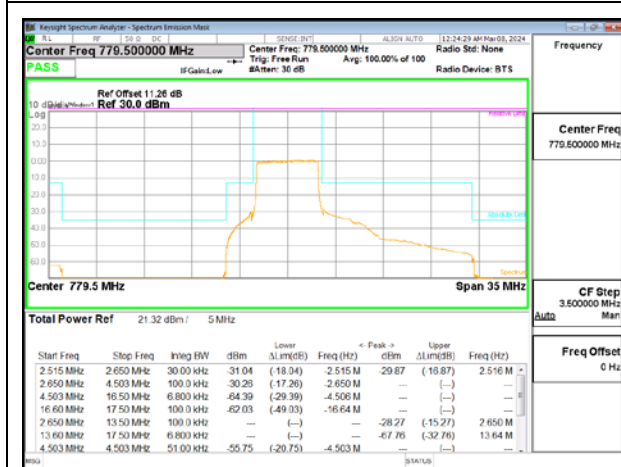
LTE BAND 13



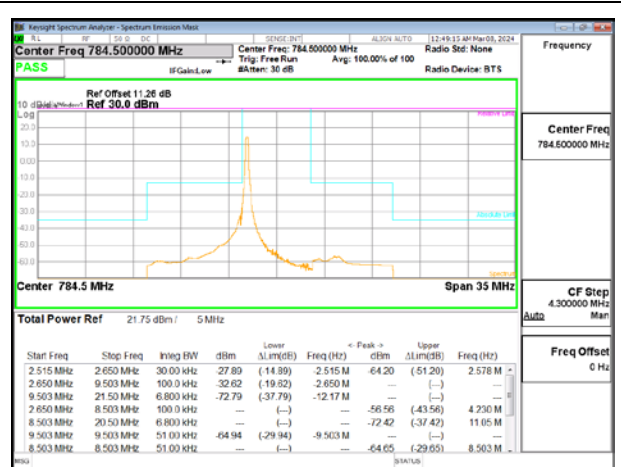
LTE Band 13 5MHz 16QAM Low Channel RB1-0



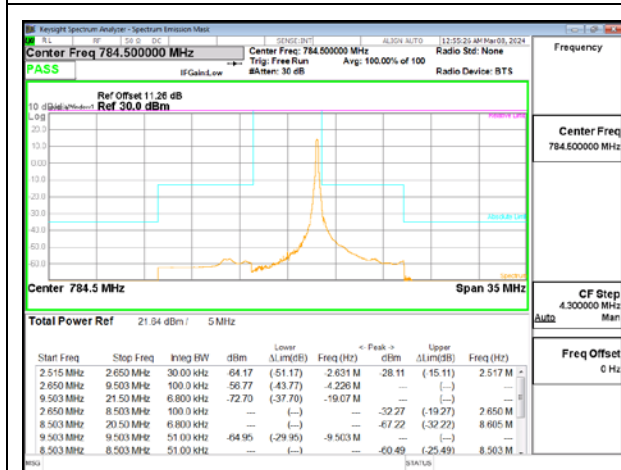
LTE Band 13 5MHz 16QAM Low Channel RB1-24



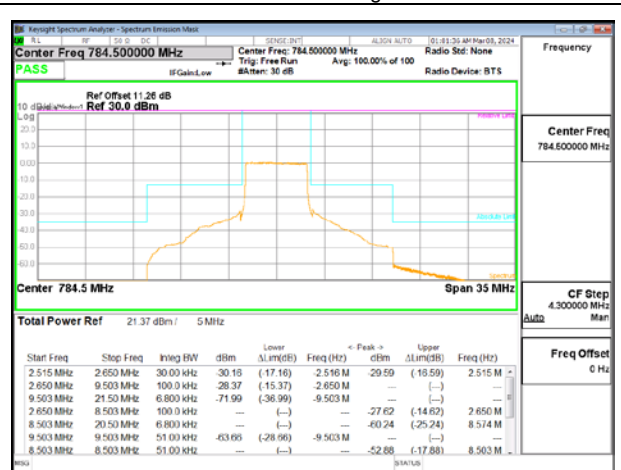
LTE Band 13 5MHz 16QAM Low Channel RB25-0



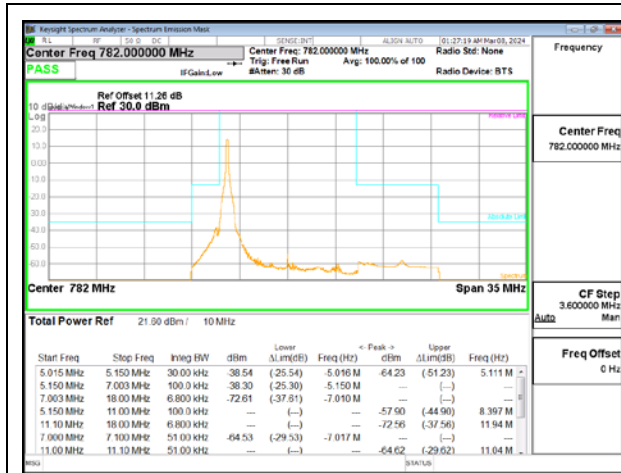
LTE Band 13 5MHz 16QAM High Channel RB1-0



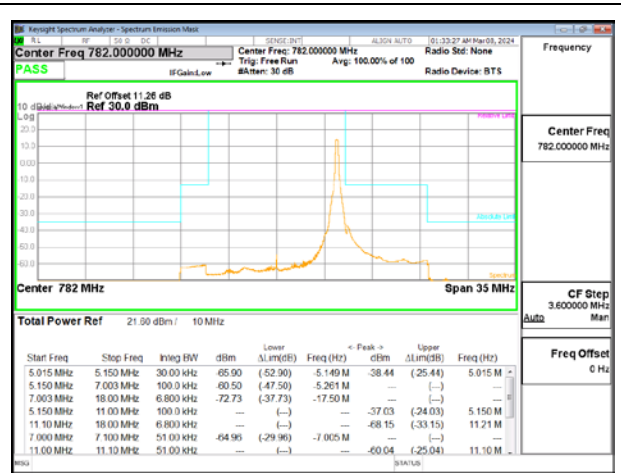
LTE Band 13 5MHz 16QAM High Channel RB1-24



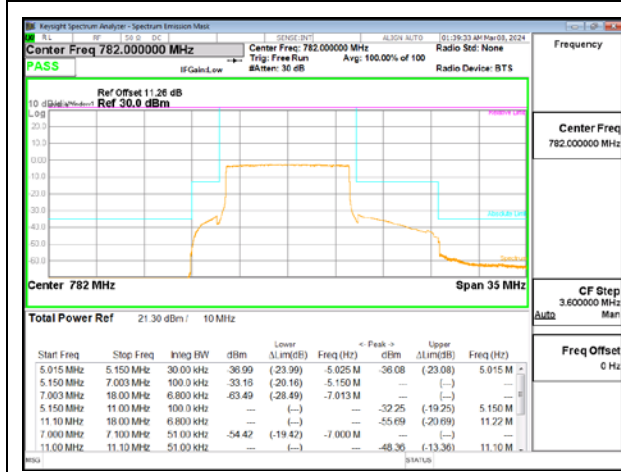
LTE Band 13 5MHz 16QAM High Channel RB25-0



LTE Band 13 10MHz 16QAM Low Channel RB1-0



LTE Band 13 10MHz 16QAM Low Channel RB1-49



LTE Band 13 10MHz 16QAM Low Channel RB50-0

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### 9.2.5. LTE BAND 41 AND 5G NR n41 EMISSION MASK

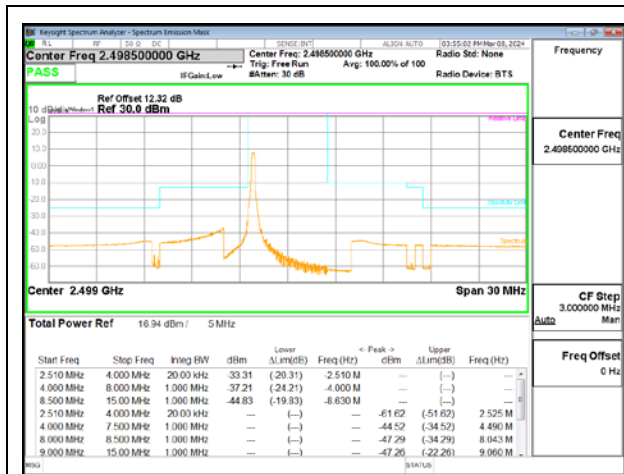
#### LIMITS

FCC: §27.53

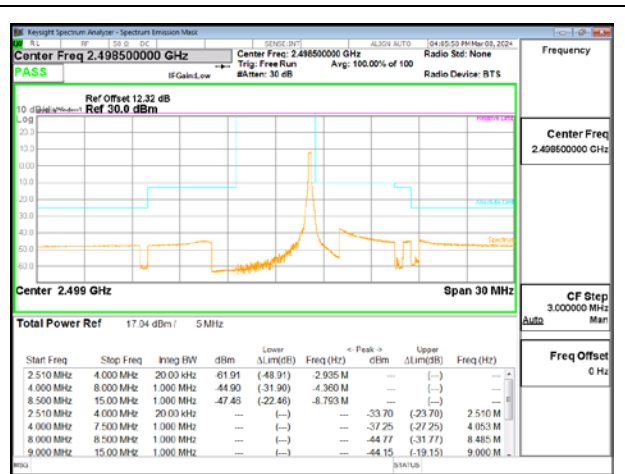
(m)(4) For mobile digital stations, the attenuation factor shall be not less than  $40 + 10 \log (P)$  dB on all frequencies between the channel edge and 5 megahertz from the channel edge,  $43 + 10 \log (P)$  dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and  $55 + 10 \log (P)$  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.

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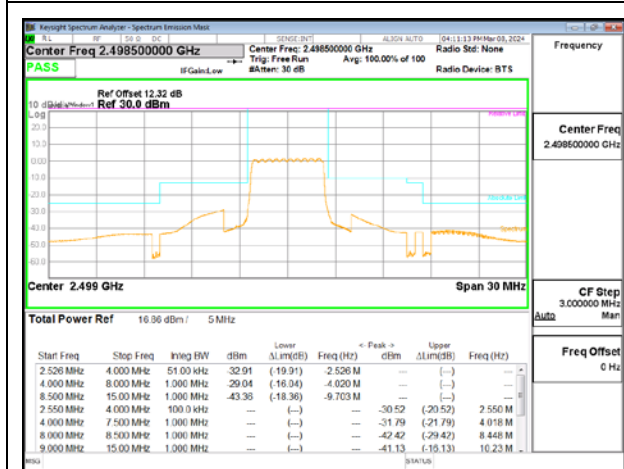
LTE BAND 41



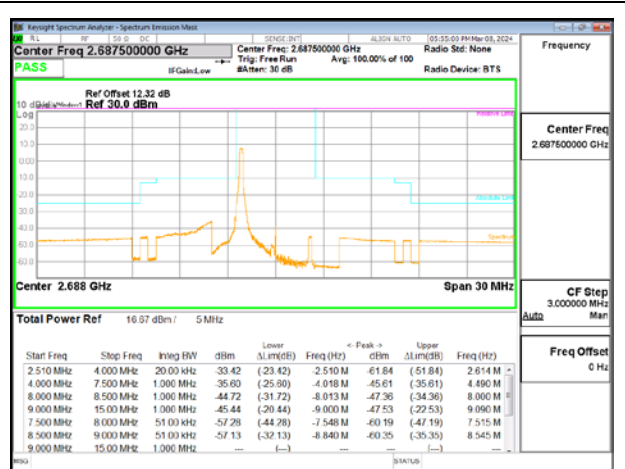
LTE Band 41 5MHz 16QAM Low Channel RB1-0



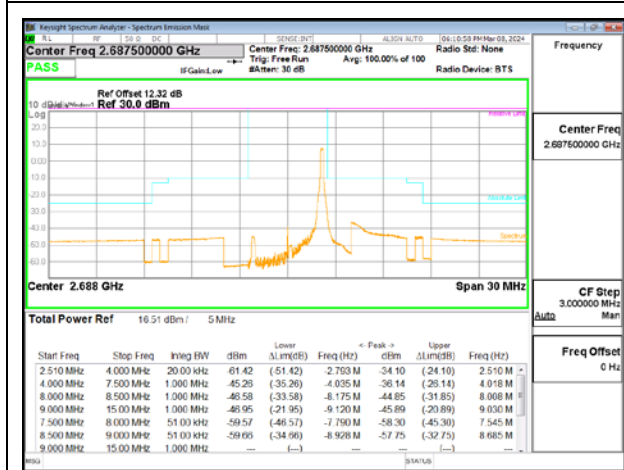
LTE Band 41 5MHz 16QAM Low Channel RB1-24



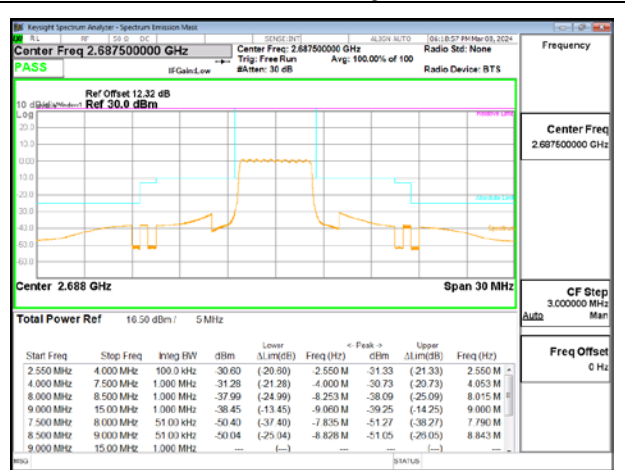
LTE Band 41 5MHz 16QAM Low Channel RB25-0



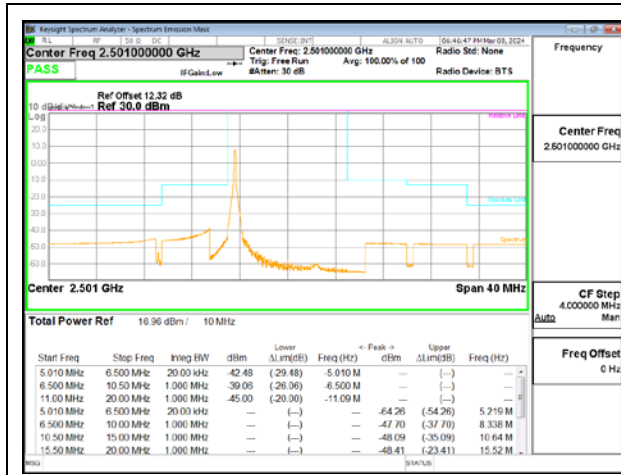
LTE Band 41 5MHz 16QAM High Channel RB1-0



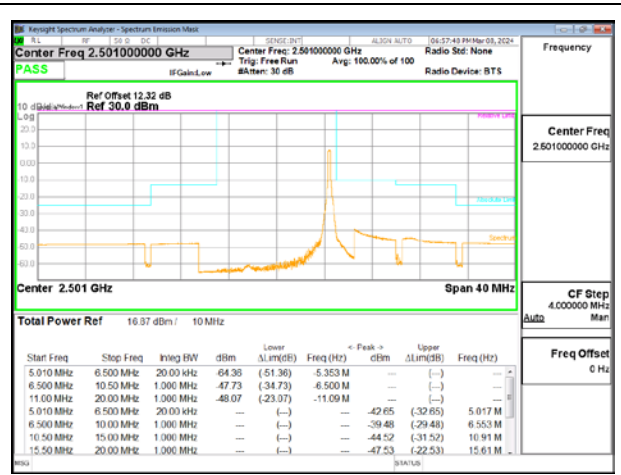
LTE Band 41 5MHz 16QAM High Channel RB1-24



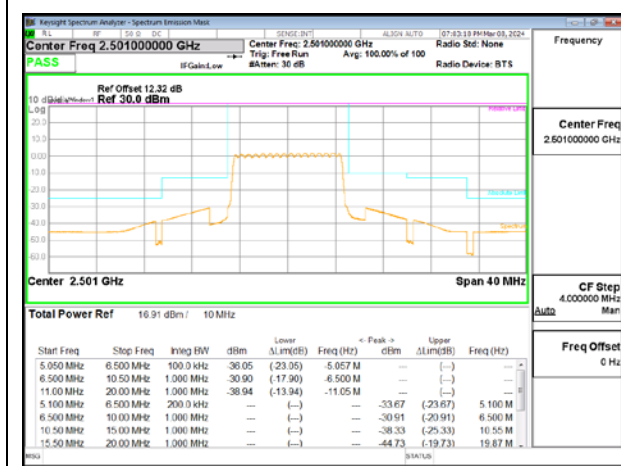
LTE Band 41 5MHz 16QAM High Channel RB25-0



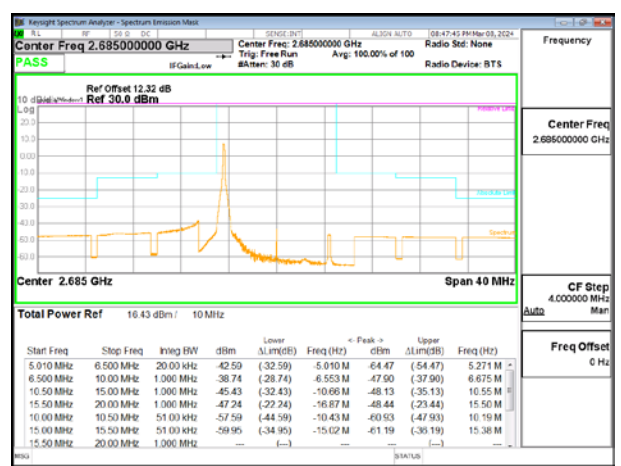
LTE Band 41 10MHz 16QAM Low Channel RB1-0



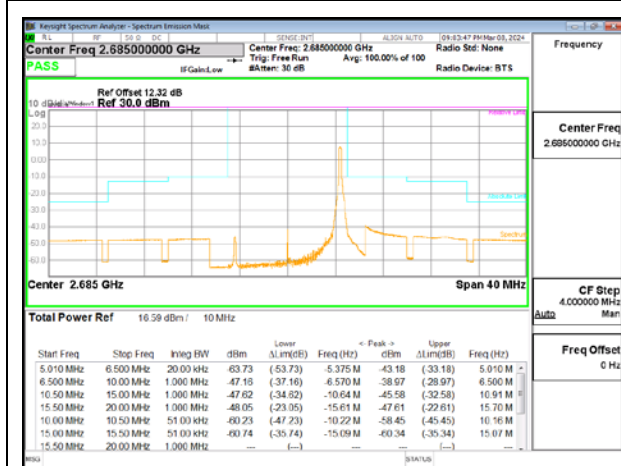
LTE Band 41 10MHz 16QAM Low Channel RB1-49



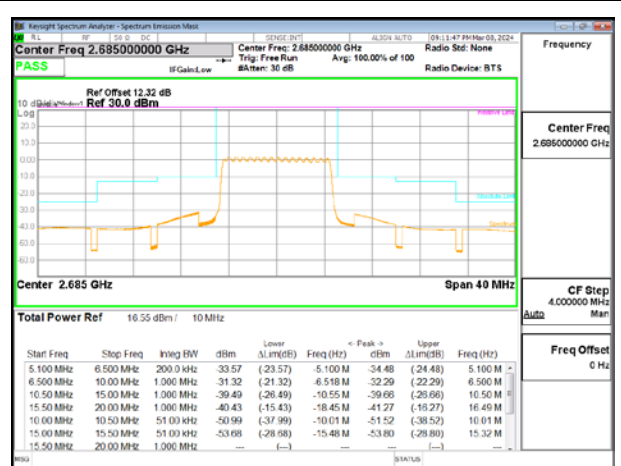
LTE Band 41 10MHz 16QAM Low Channel RB50-0



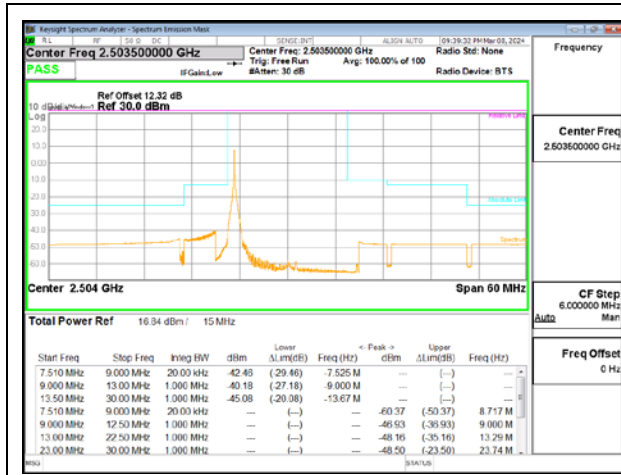
LTE Band 41 10MHz 16QAM High Channel RB1-0



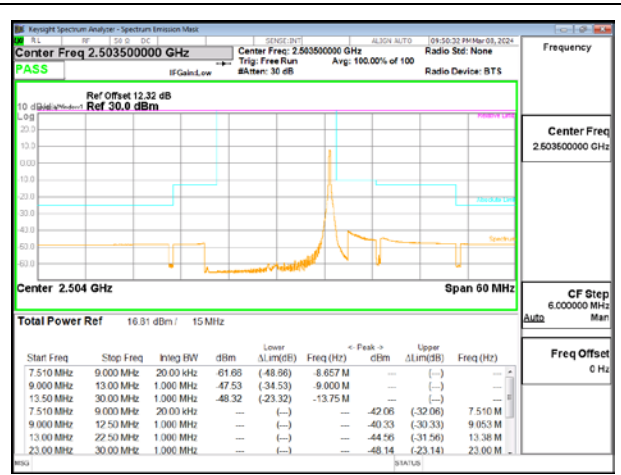
LTE Band 41 10MHz 16QAM High Channel RB1-49



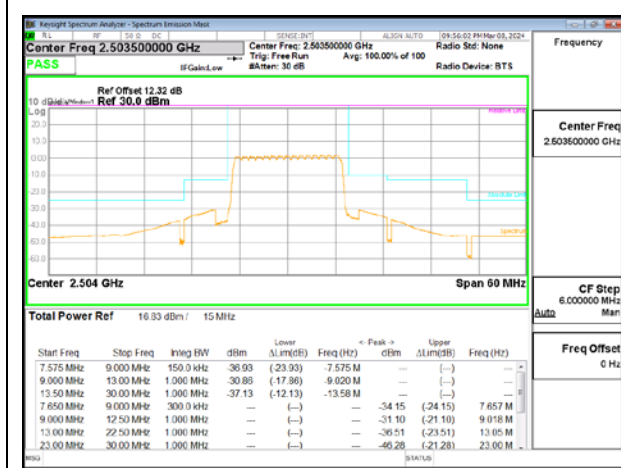
LTE Band 41 10MHz 16QAM High Channel RB50-0



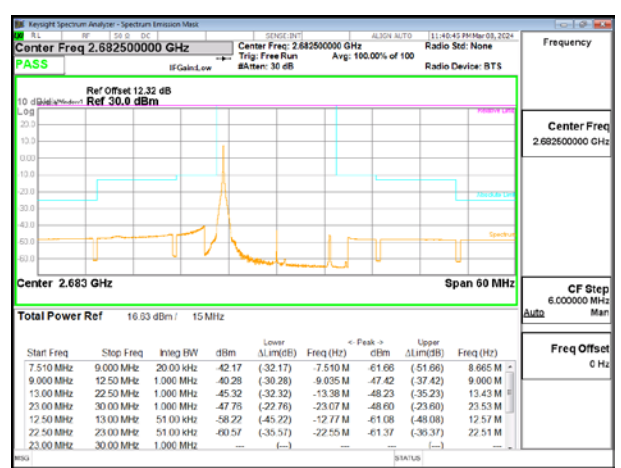
LTE Band 41 15MHz 16QAM Low Channel RB1-0



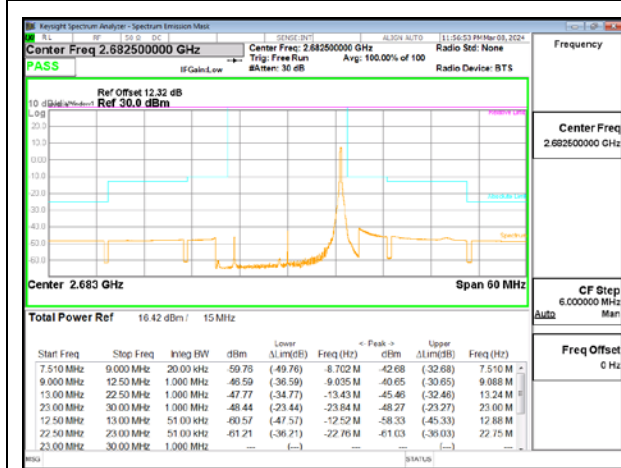
LTE Band 41 15MHz 16QAM Low Channel RB1-74



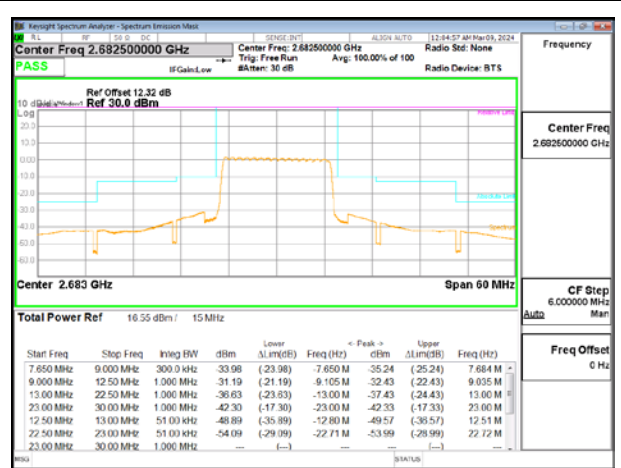
LTE Band 41 15MHz 16QAM Low Channel RB75-0



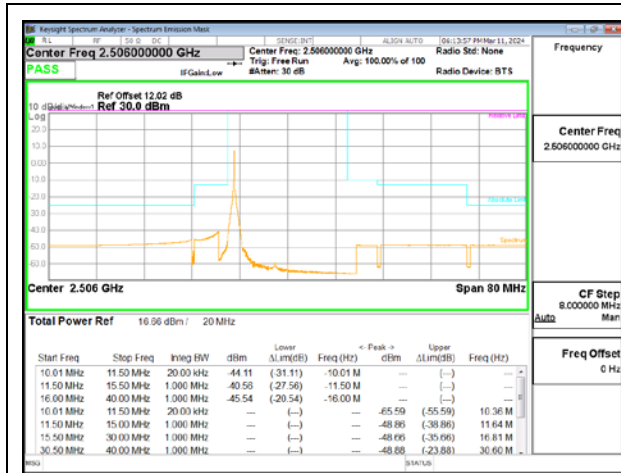
LTE Band 41 15MHz 16QAM High Channel RB1-0



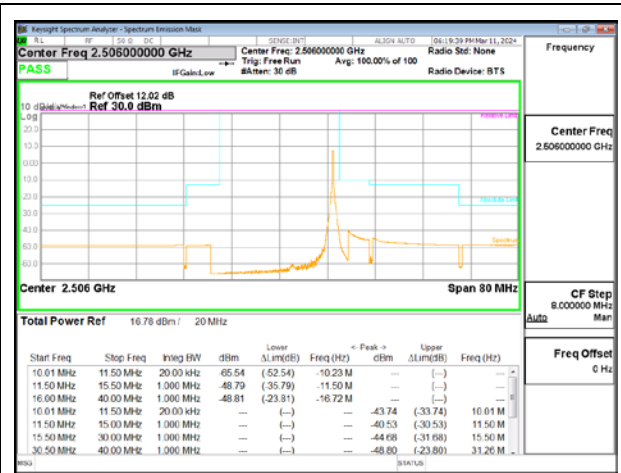
LTE Band 41 15MHz 16QAM High Channel RB1-74



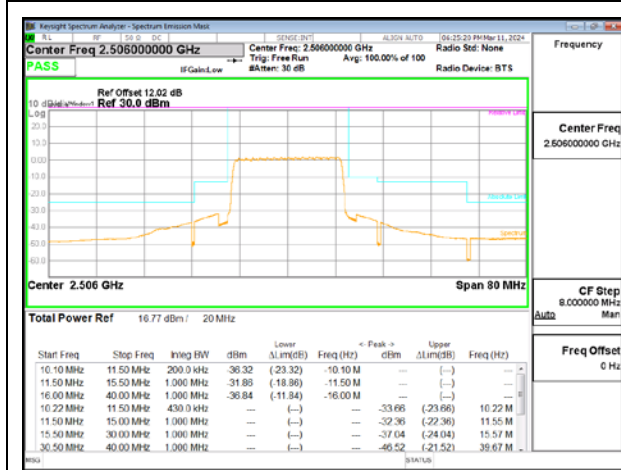
LTE Band 41 15MHz 16QAM High Channel RB75-0



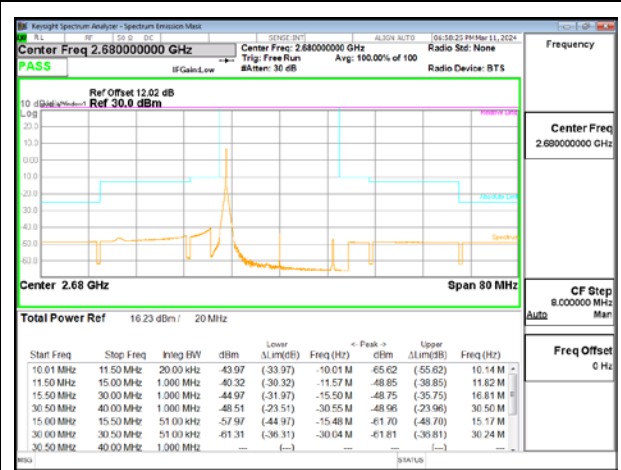
LTE Band 41 20MHz 16QAM Low Channel RB1-0



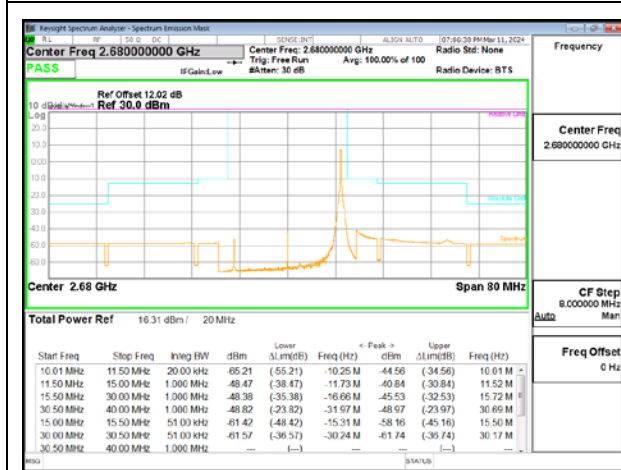
LTE Band 41 20MHz 16QAM Low Channel RB1-99



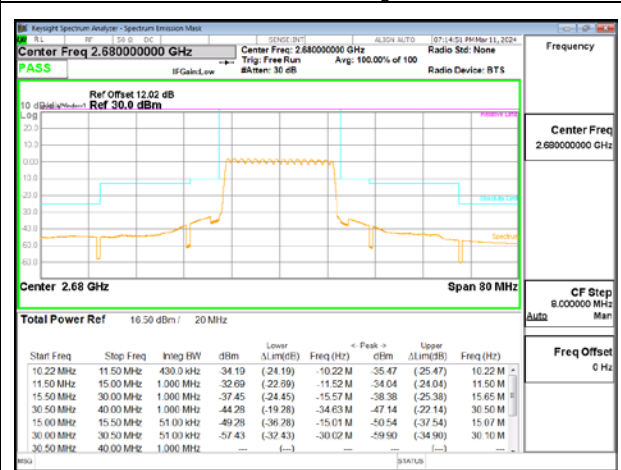
LTE Band 41 20MHz 16QAM Low Channel RB100-0



LTE Band 41 20MHz 16QAM High Channel RB1-0



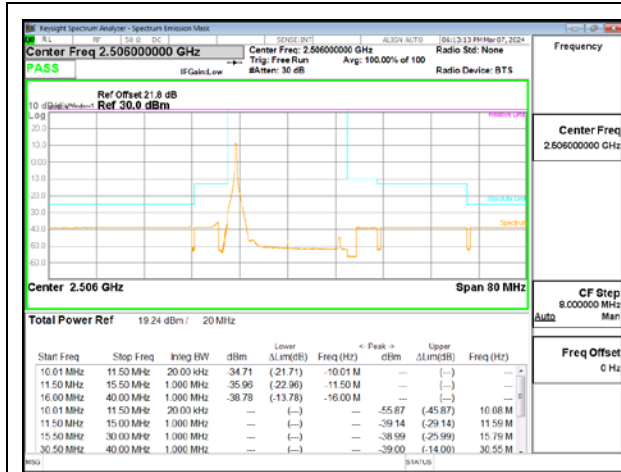
LTE Band 41 20MHz 16QAM High Channel RB1-99



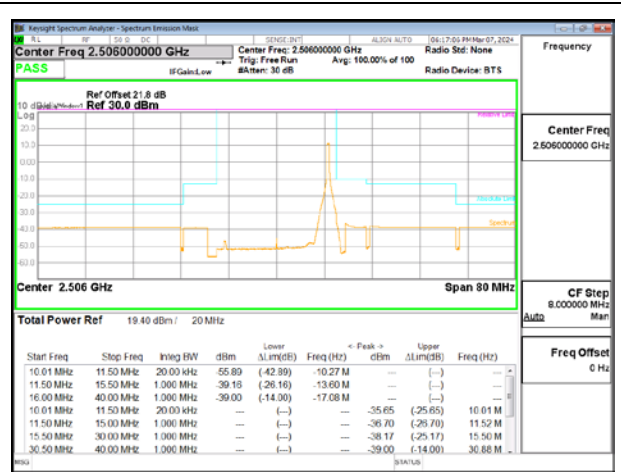
LTE Band 41 20MHz 16QAM High Channel RB100-0

5G NR n41

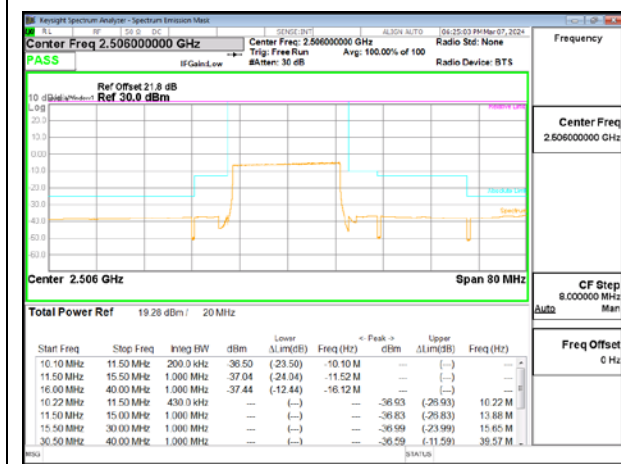
Test Engineer ID:	22797/85502	Test Date:	2024-03-06	EUT Serial Number:	<QV77000KL2>
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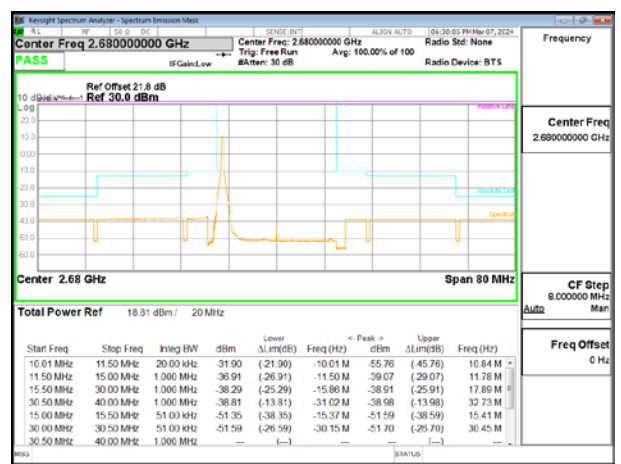
5G NR n41 20MHz QPSK Low Channel RB1-0



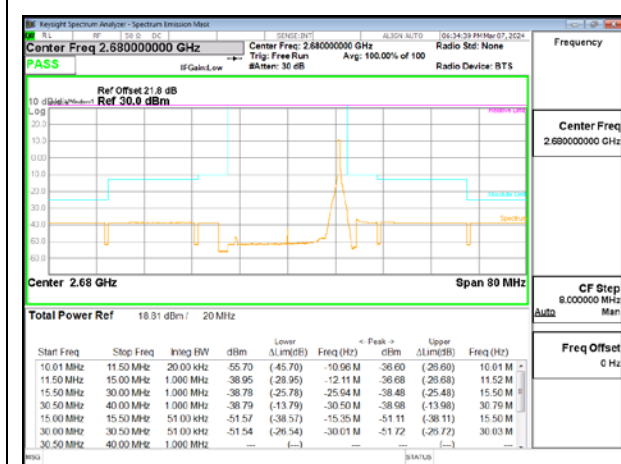
5G NR n41 20MHz QPSK Low Channel RB1-49



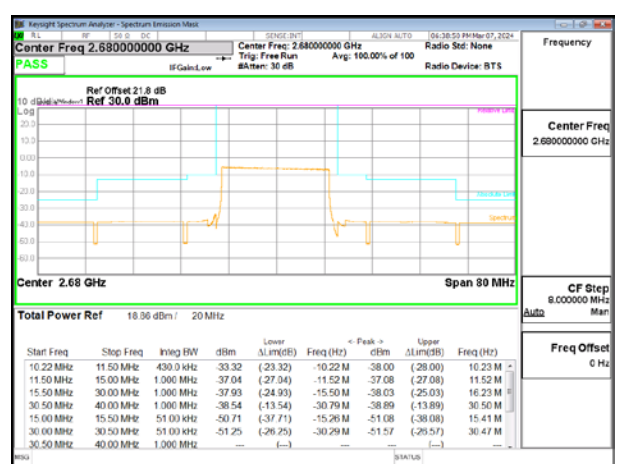
5G NR n41 20MHz QPSK Low Channel RB50-0



5G NR n41 20MHz QPSK High Channel RB1-0



5G NR n41 20MHz QPSK High Channel RB1-49



5G NR n41 20MHz QPSK High Channel RB50-0