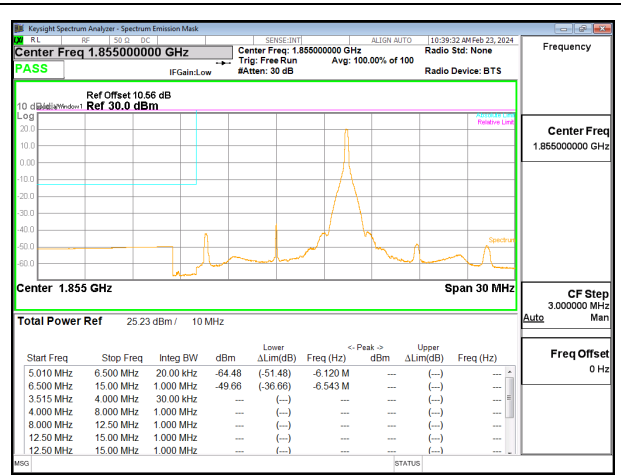
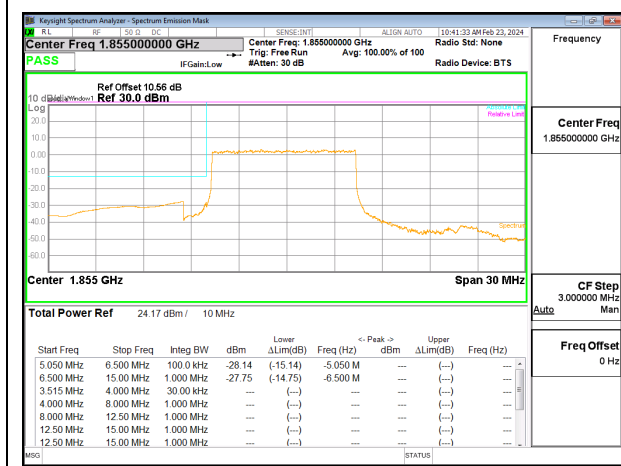


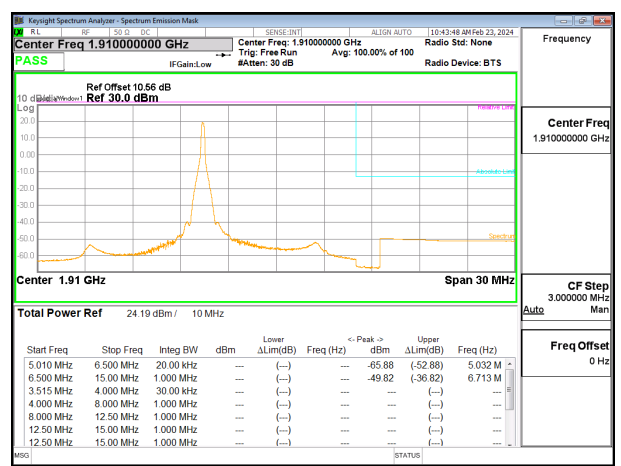
5G NR n25 10MHz QPSK Low Channel RB1-0



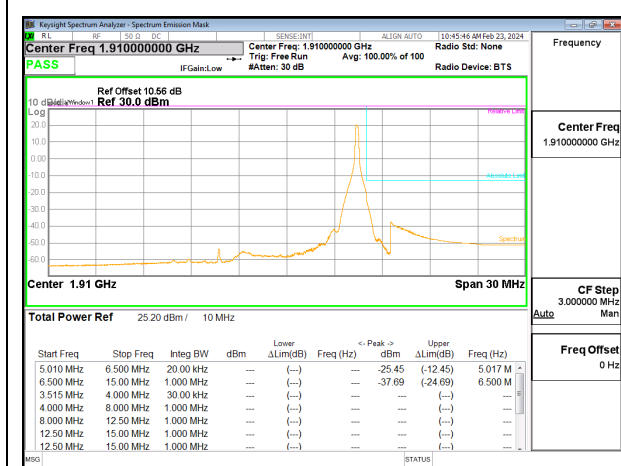
5G NR n25 10MHz QPSK Low Channel RB1-0



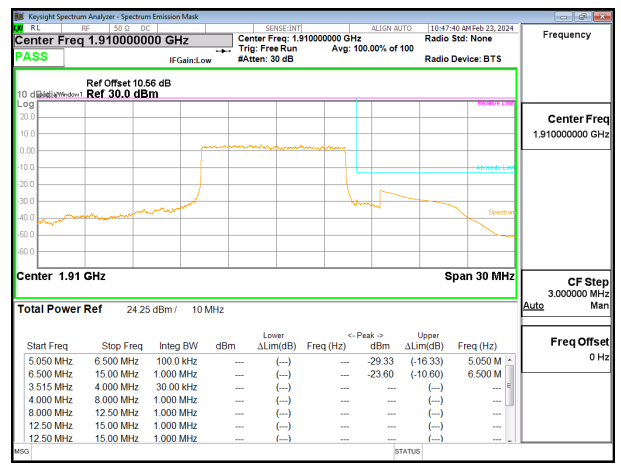
5G NR n25 10MHz QPSK Low Channel RB100-0



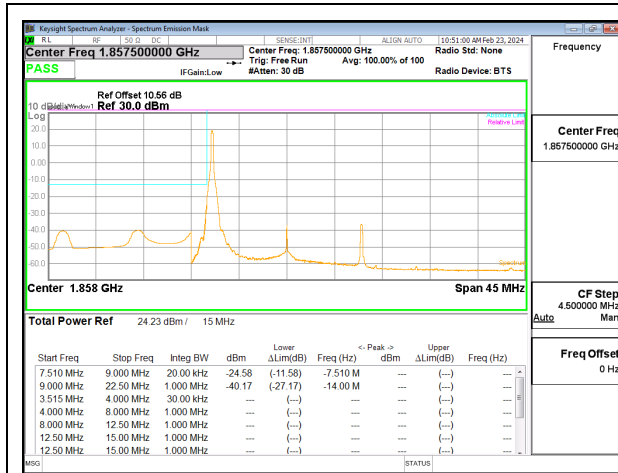
5G NR n25 10MHz QPSK High Channel RB1-0



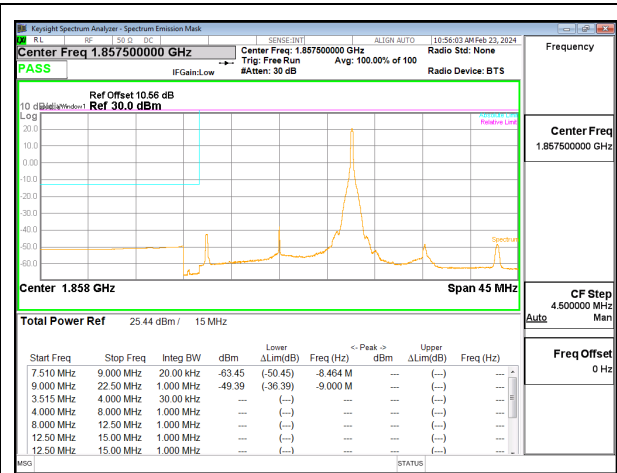
5G NR n25 10MHz QPSK High Channel RB1-50



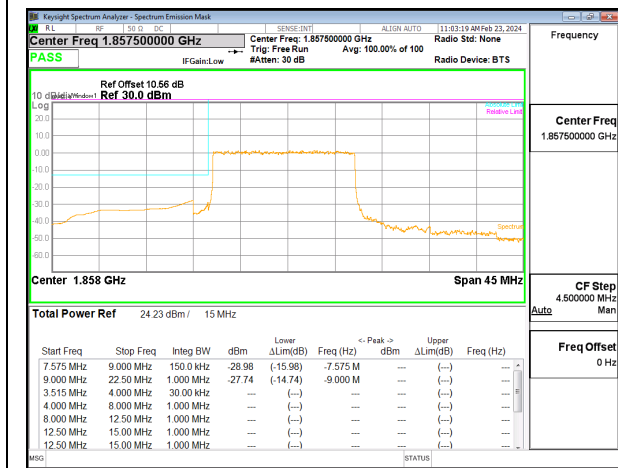
5G NR n25 10MHz QPSK High Channel RB100-0



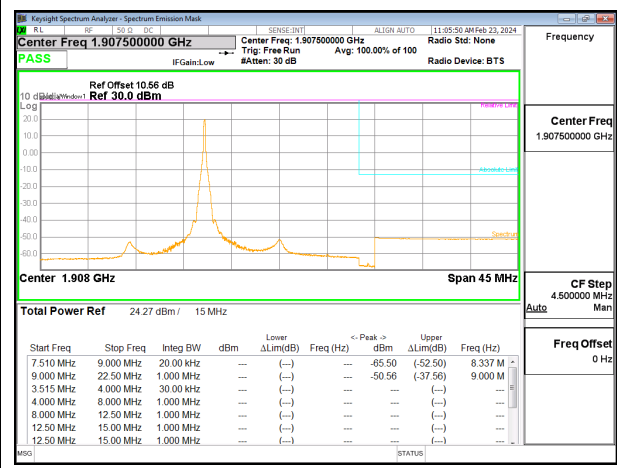
5G NR n25 15MHz QPSK Low Channel RB1-0



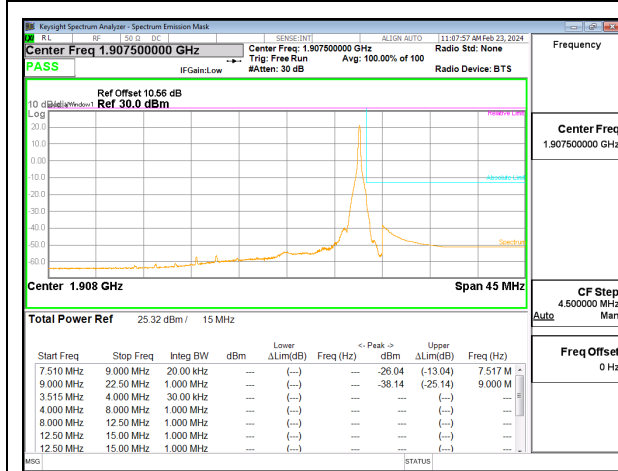
5G NR n25 15MHz QPSK Low Channel RB1-77



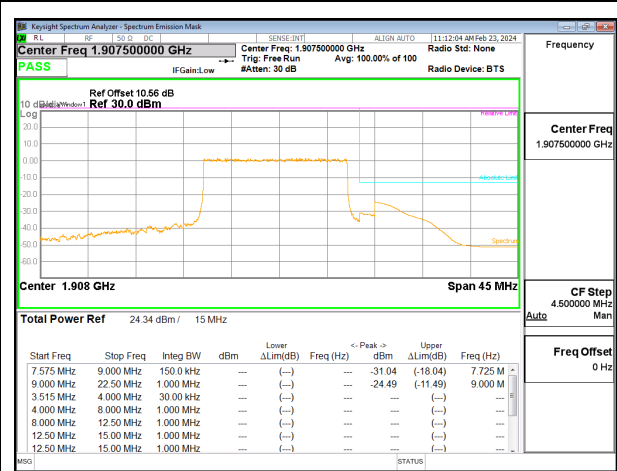
5G NR n25 15MHz QPSK Low Channel RB75-0



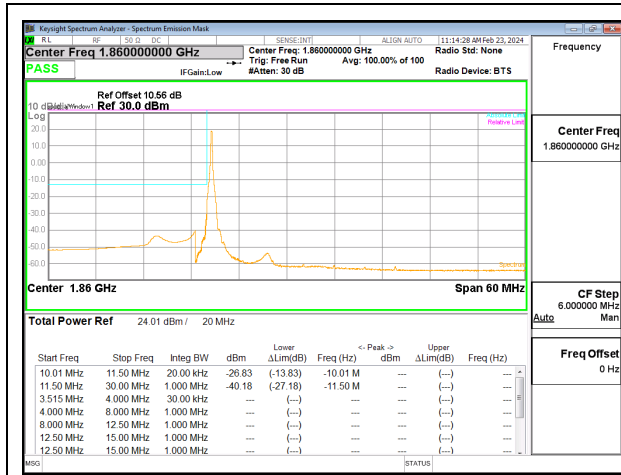
5G NR n25 15MHz QPSK High Channel RB1-0



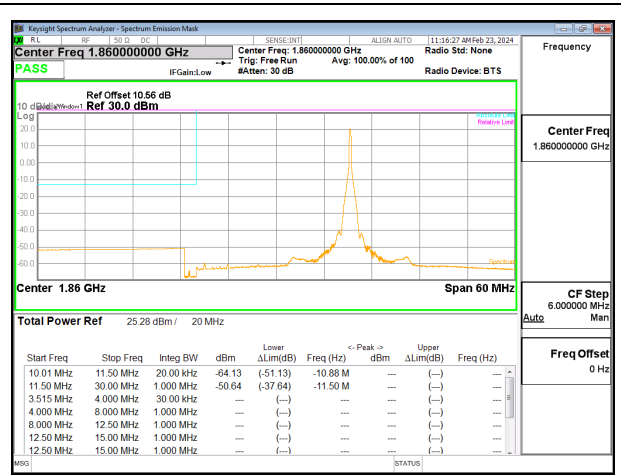
5G NR n25 15MHz QPSK High Channel RB1-77



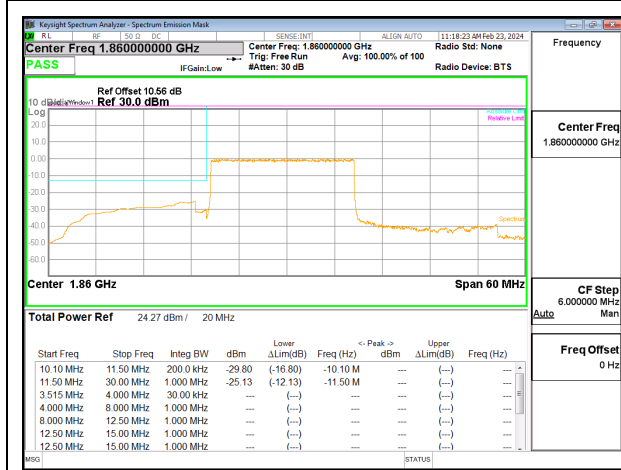
5G NR n25 15MHz QPSK High Channel RB75-0



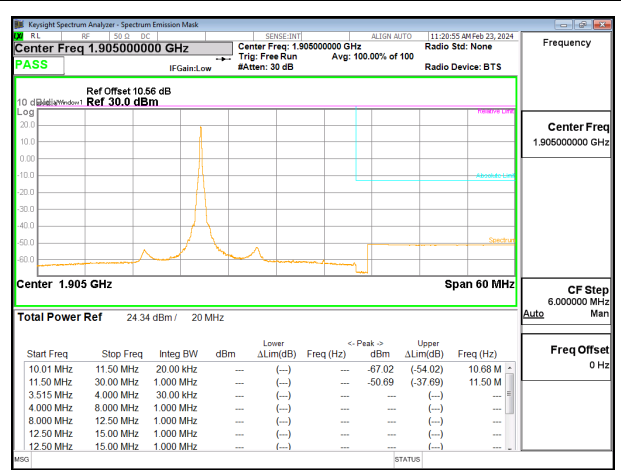
5G NR n25 20MHz QPSK Low Channel RB1-0



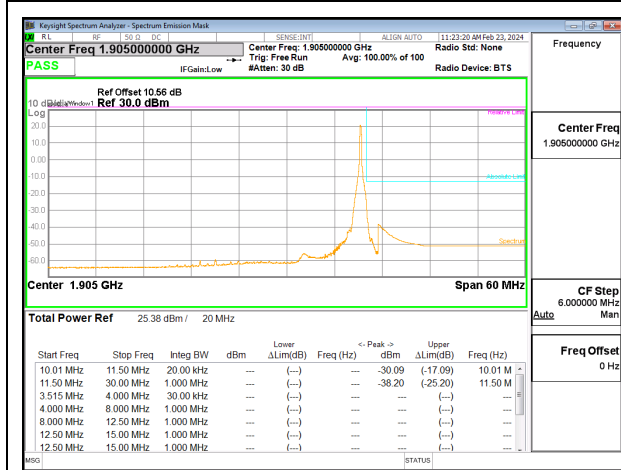
5G NR n25 20MHz QPSK Low Channel RB1-104



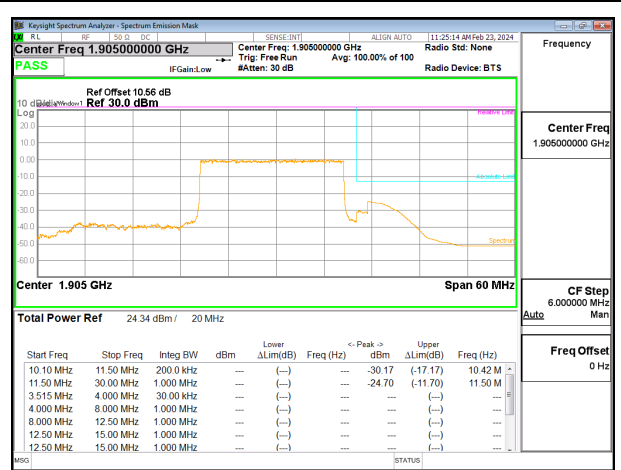
5G NR n25 20MHz QPSK Low Channel RB100-0



5G NR n25 20MHz QPSK High Channel RB1-0



5G NR n25 20MHz QPSK High Channel RB1-104



5G NR n25 20MHz QPSK High Channel RB100-0

9.2.6. LTE BAND 30 EMISSION MASK

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:

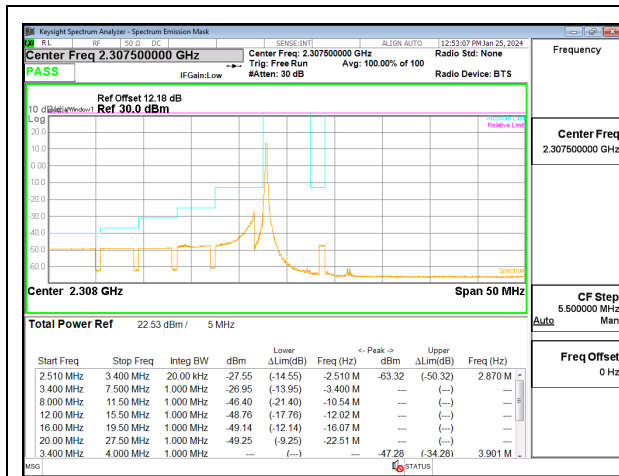
(i) By a factor of not less than: $43 + 10 \log (P)$ dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than $55 + 10 \log (P)$ dB on all frequencies between 2320 and 2324 MHz and on all frequencies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

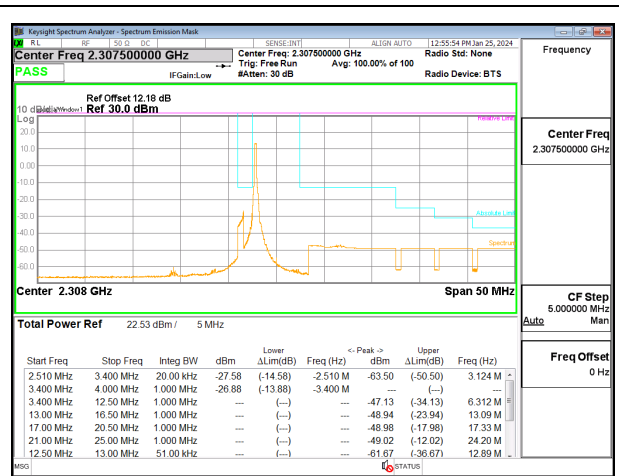
(iii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2360 and 2365 MHz, and not less than $70 + 10 \log (P)$ dB above 2365 MHz.

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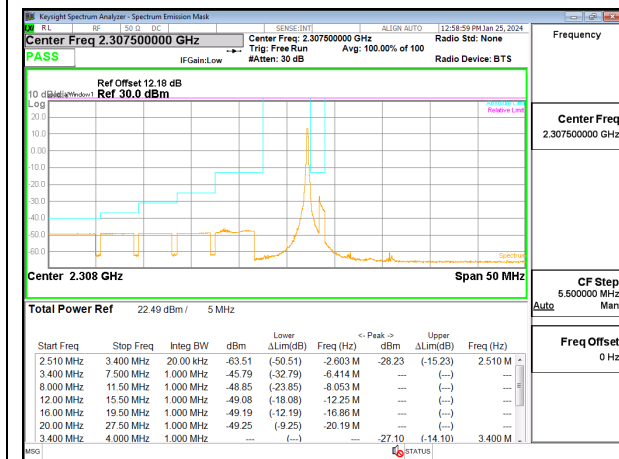
RESULTS



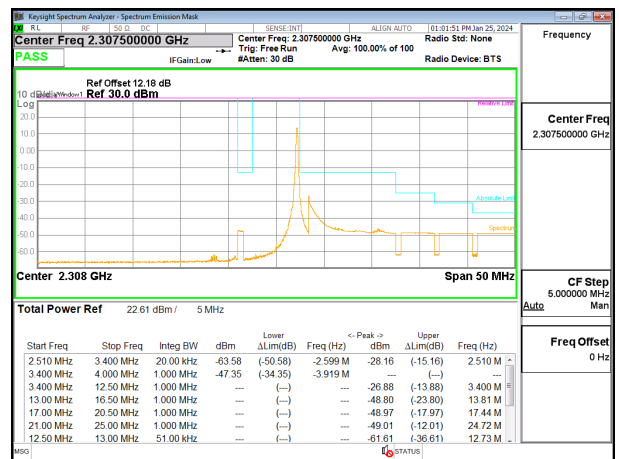
LTE Band 30 5MHz QPSK Low Channel RB1-0 Low Side



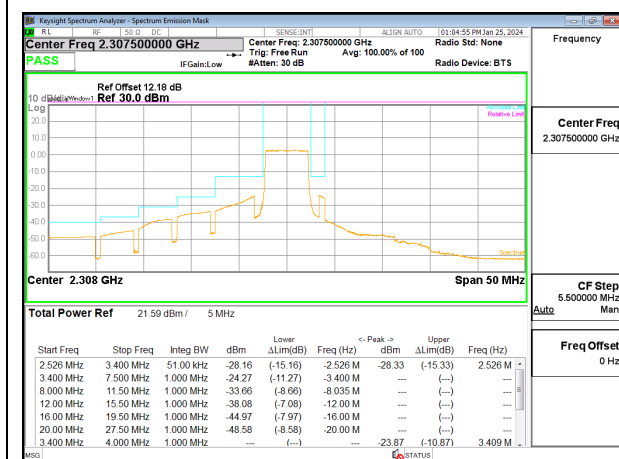
LTE Band 30 5MHz QPSK Low Channel RB1-0 High Side



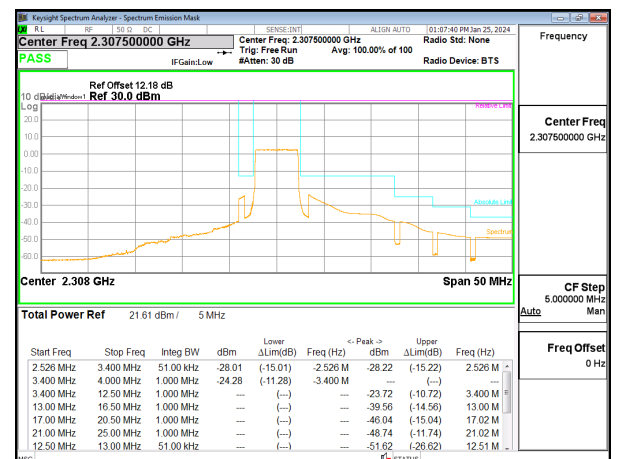
LTE Band 30 5MHz QPSK Low Channel RB1-24 Low Side



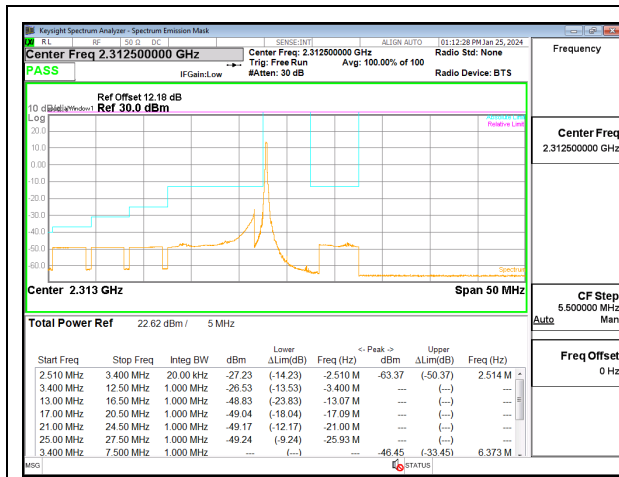
LTE Band 30 5MHz QPSK Low Channel RB1-24 High Side



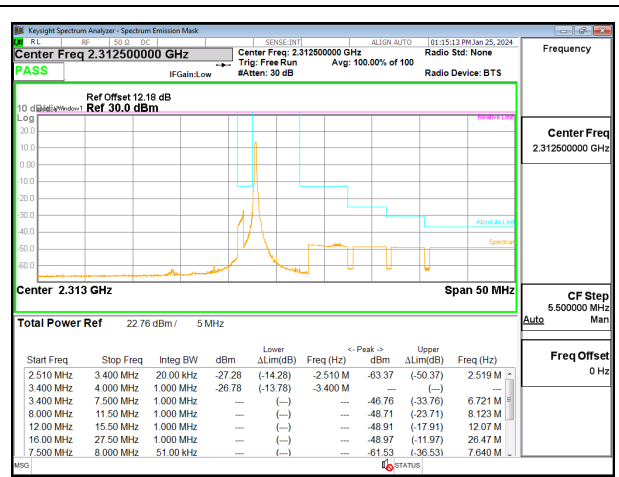
LTE Band 30 5MHz QPSK Low Channel RB25-0 Low Side



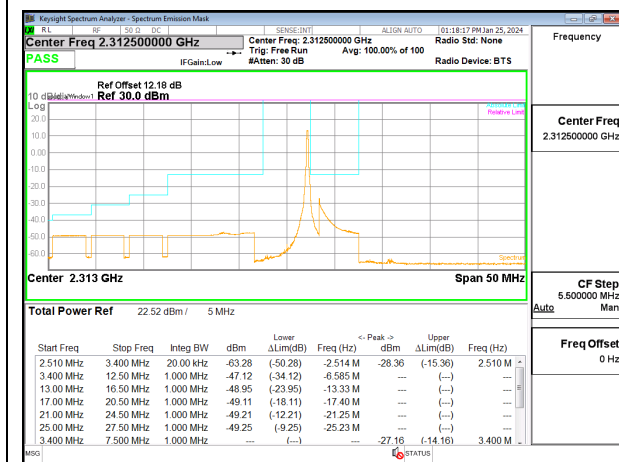
LTE Band 30 5MHz QPSK Low Channel RB25-0 High Side



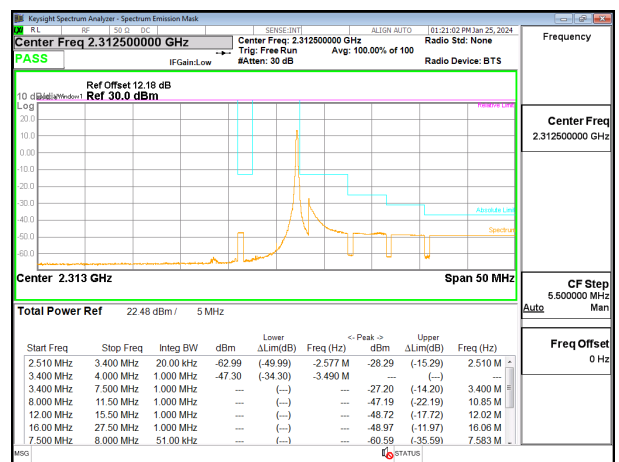
LTE Band 30 5MHz QPSK High Channel RB1-0 Low Side



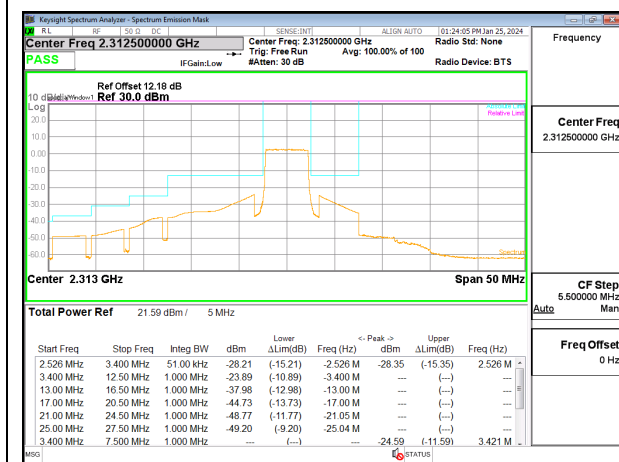
LTE Band 30 5MHz QPSK High Channel RB1-0 High Side



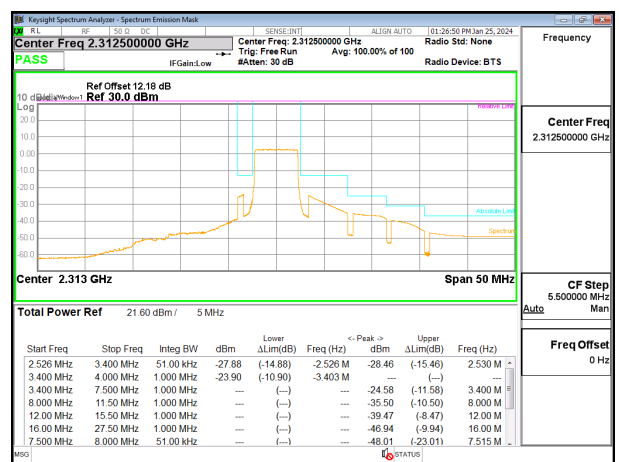
LTE Band 30 5MHz QPSK High Channel RB1-24 Low Side



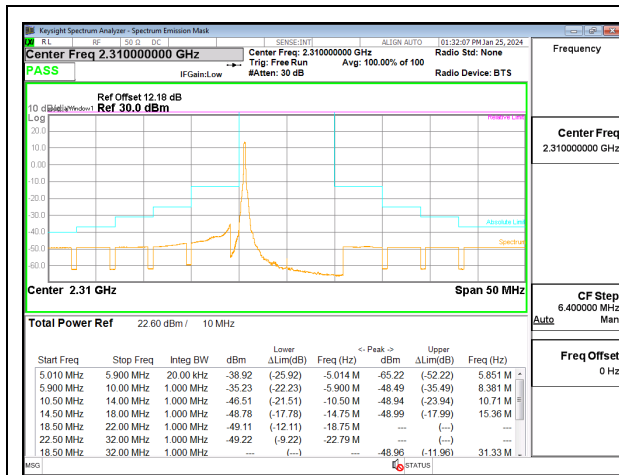
LTE Band 30 5MHz QPSK High Channel RB1-24 High Side



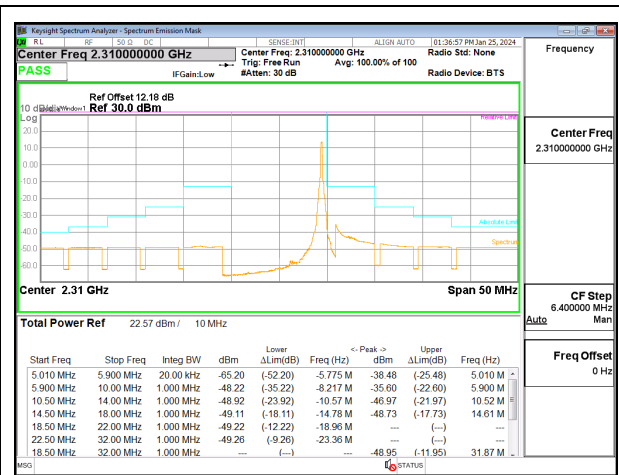
LTE Band 30 5MHz QPSK High Channel RB25-0 Low Side



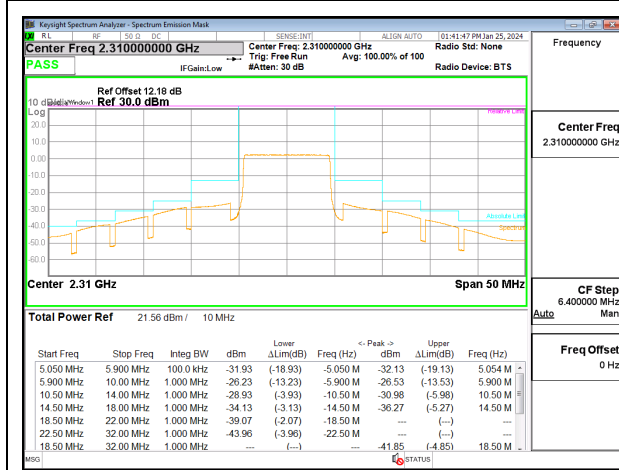
LTE Band 30 5MHz QPSK High Channel RB25-0 High Side



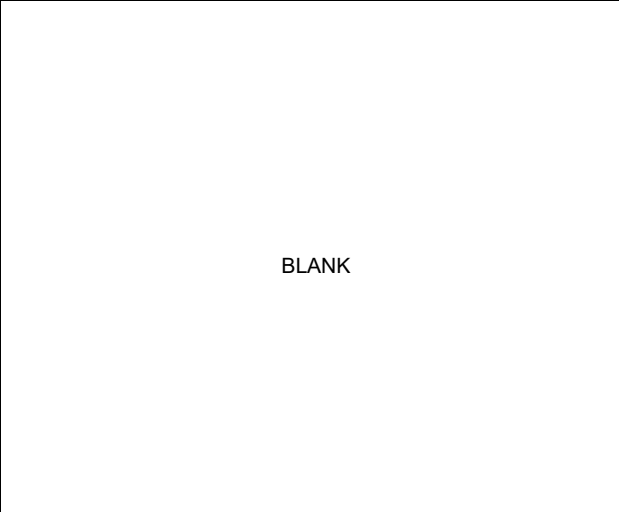
LTE Band 30 10MHz QPSK Mid Channel RB1-0



LTE Band 30 10MHz QPSK Mid Channel RB1-49



LTE Band 30 10MHz QPSK Mid Channel RB50-0



9.2.7. 5G NR n30 EMISSION MASK

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:

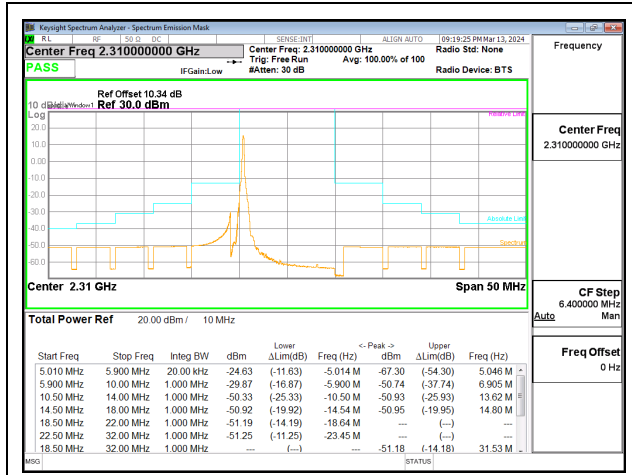
(i) By a factor of not less than: $43 + 10 \log (P)$ dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than $55 + 10 \log (P)$ dB on all frequencies between 2320 and 2324 MHz and on all frequencies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

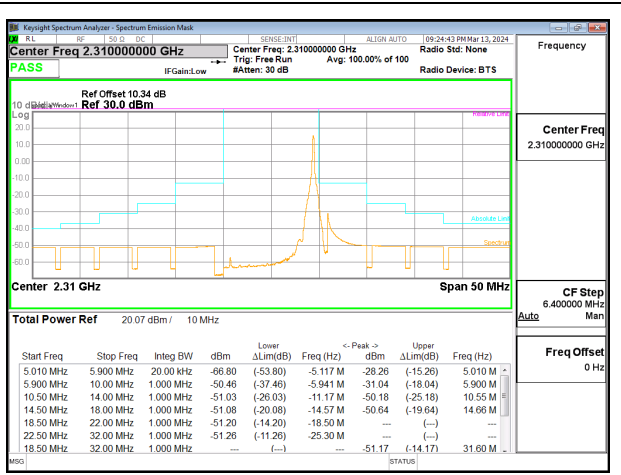
(iii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2360 and 2365 MHz, and not less than $70 + 10 \log (P)$ dB above 2365 MHz.

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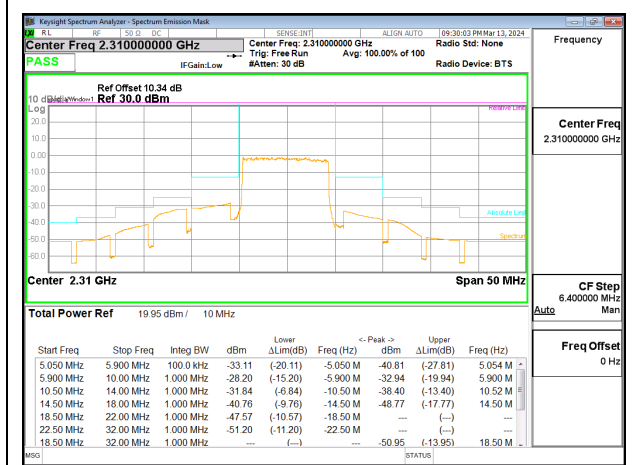
RESULTS



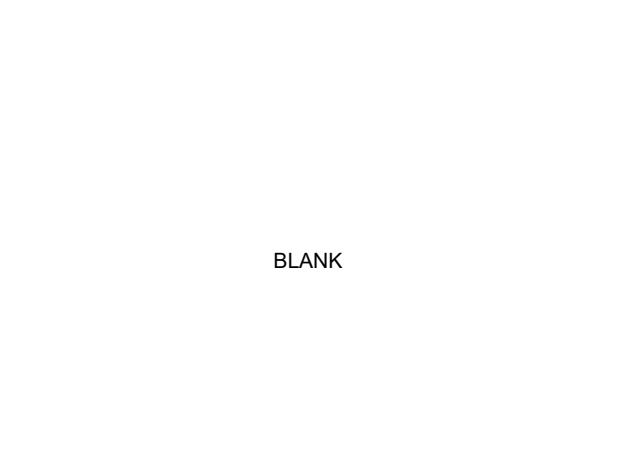
5G NR n30 10MHz QPSK Mid Channel RB1-0



5G NR n30 10MHz QPSK Mid Channel RB1-50



5G NR n30 10MHz QPSK Mid Channel RB50-0



9.2.8. LTE BAND 41 AND 5G NR n41 EMISSION MASK

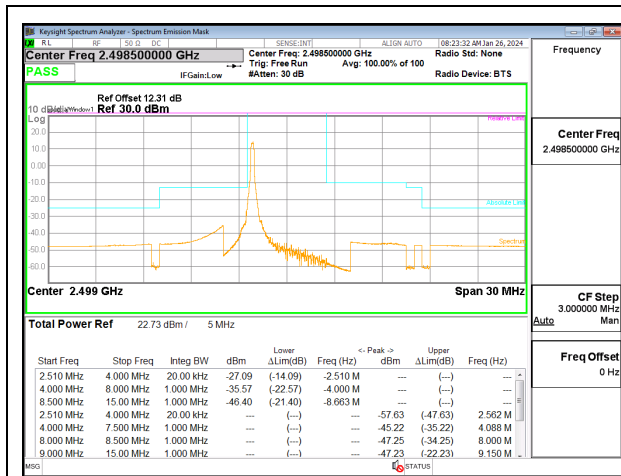
LIMITS

FCC: §27.53

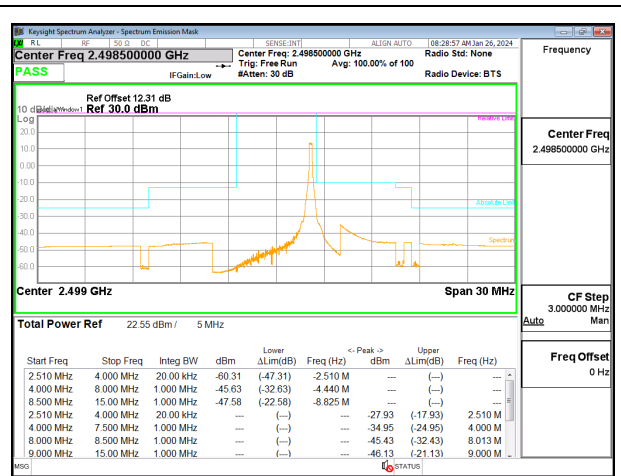
(m)(4) For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log (P)$ 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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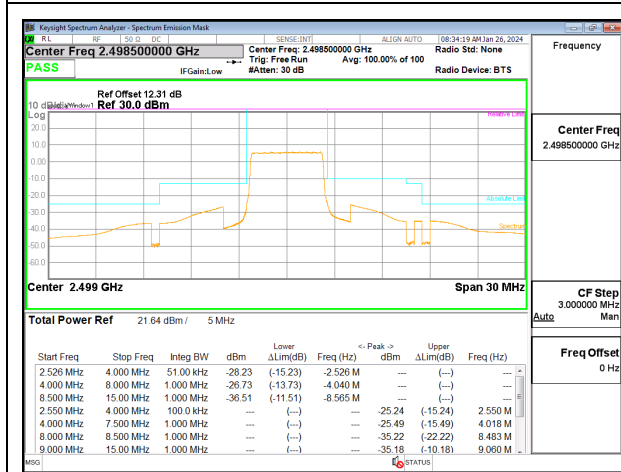
LTE BAND 41



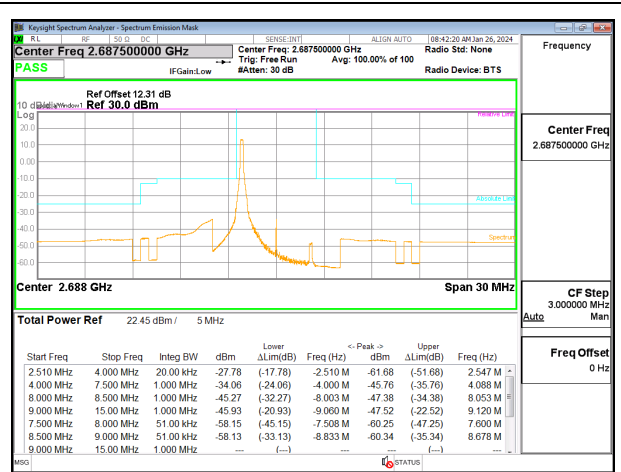
LTE Band 41 5MHz QPSK Low Channel RB1-0



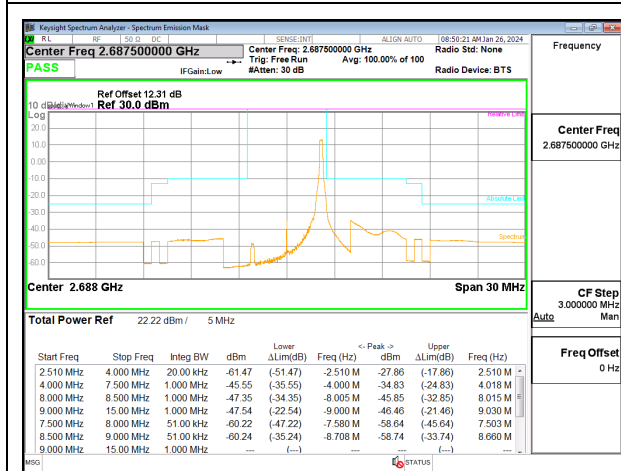
LTE Band 41 5MHz QPSK Low Channel RB1-24



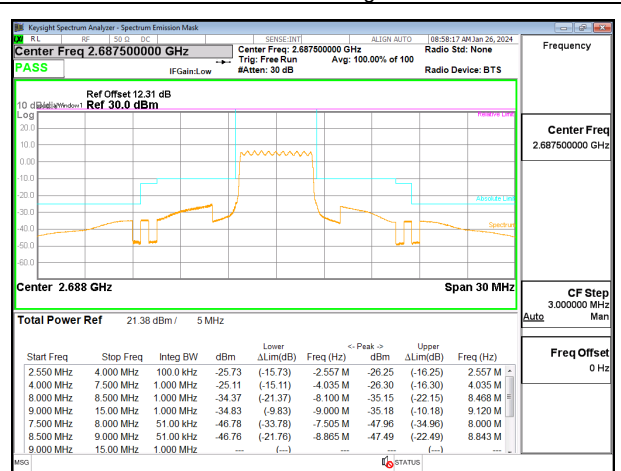
LTE Band 41 5MHz QPSK Low Channel RB25-0



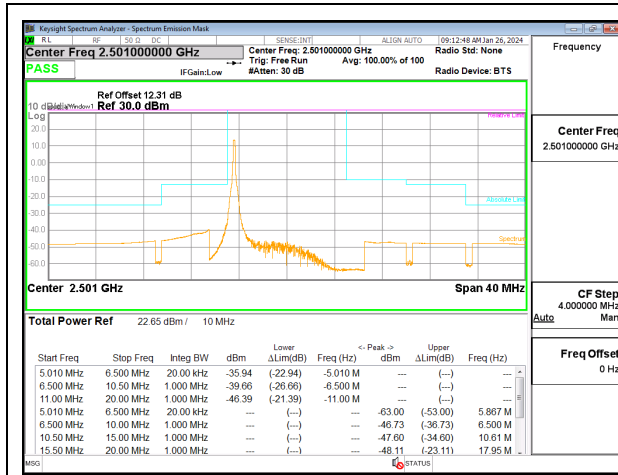
LTE Band 41 5MHz QPSK High Channel RB1-0



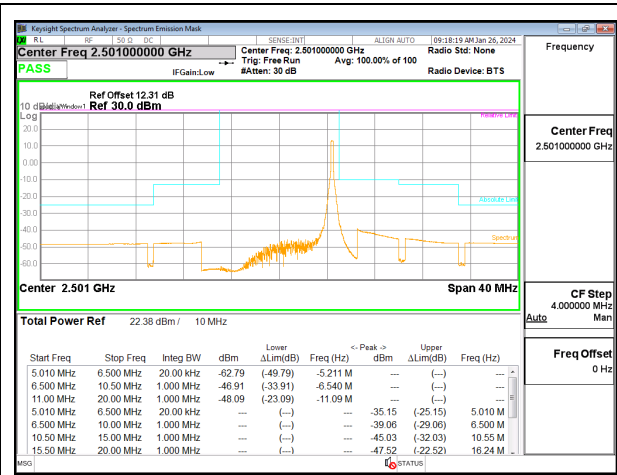
LTE Band 41 5MHz QPSK High Channel RB1-24



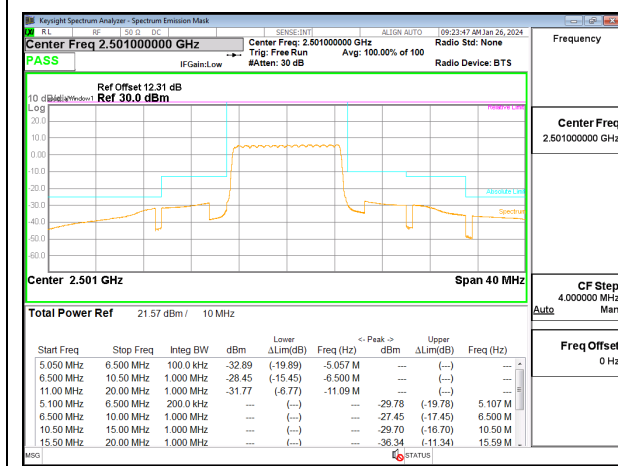
LTE Band 41 5MHz QPSK High Channel RB25-0



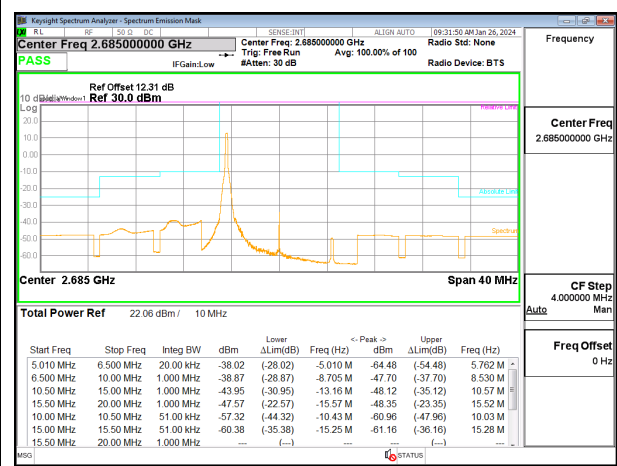
LTE Band 41 10MHz QPSK Low Channel RB1-0



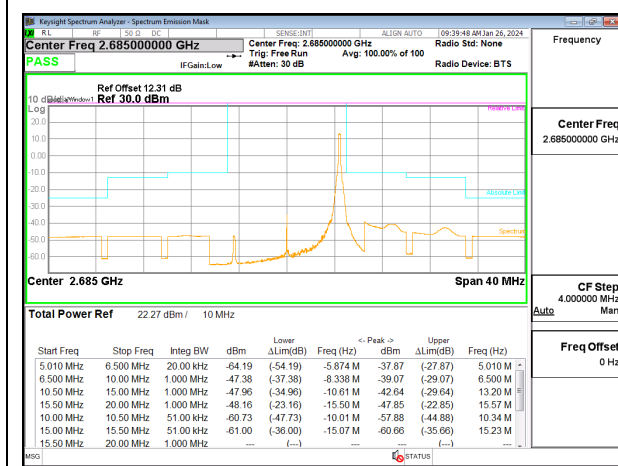
LTE Band 41 10MHz QPSK Low Channel RB1-49



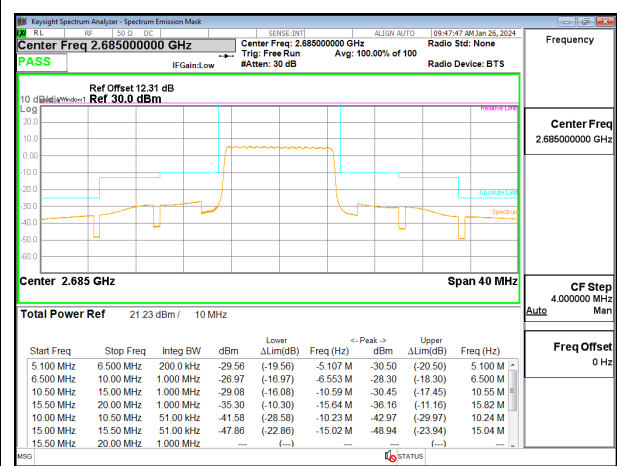
LTE Band 41 10MHz QPSK Low Channel RB50-0



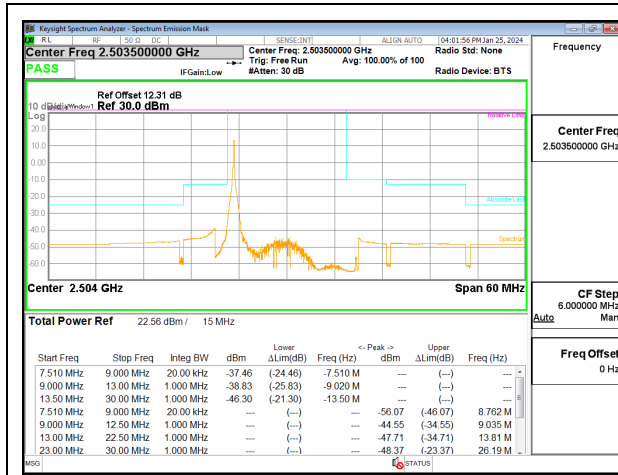
LTE Band 41 10MHz QPSK High Channel RB1-0



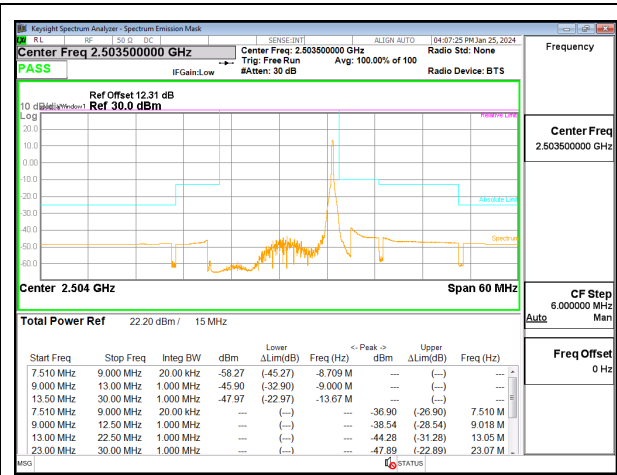
LTE Band 41 10MHz QPSK High Channel RB1-49



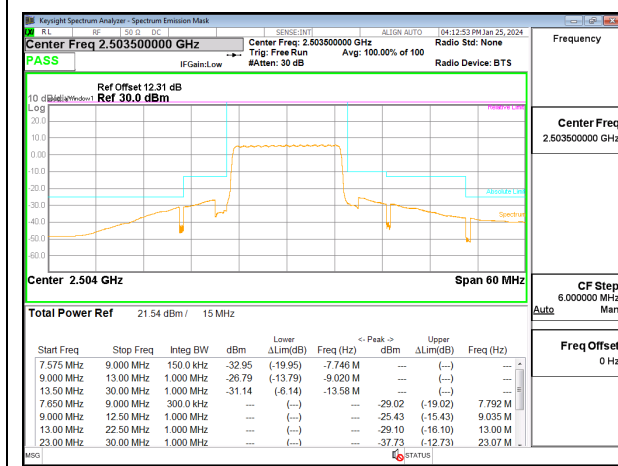
LTE Band 41 10MHz QPSK High Channel RB50-0



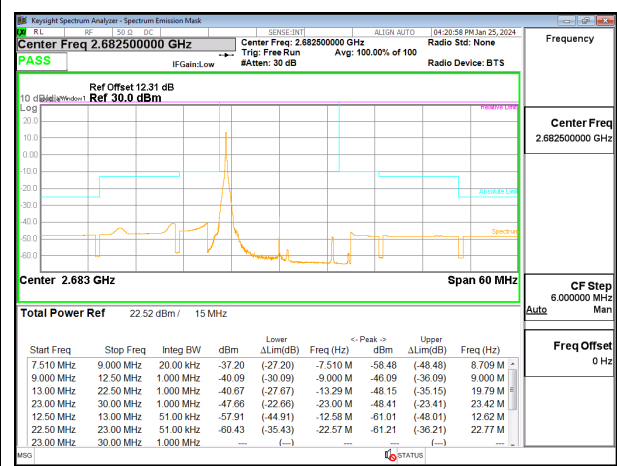
LTE Band 41 15MHz QPSK Low Channel RB1-0



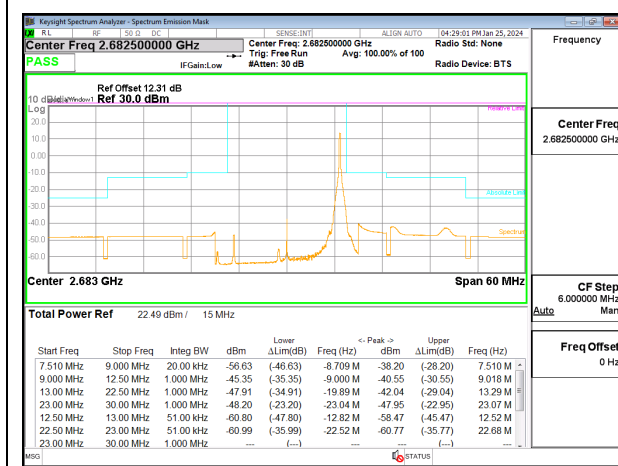
LTE Band 41 15MHz QPSK Low Channel RB1-74



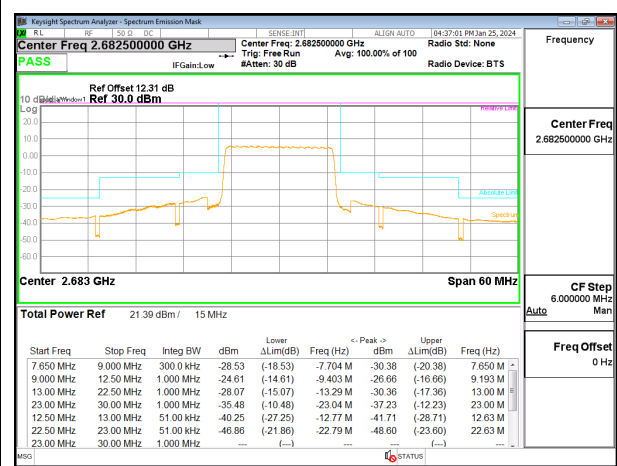
LTE Band 41 15MHz QPSK Low Channel RB75-0



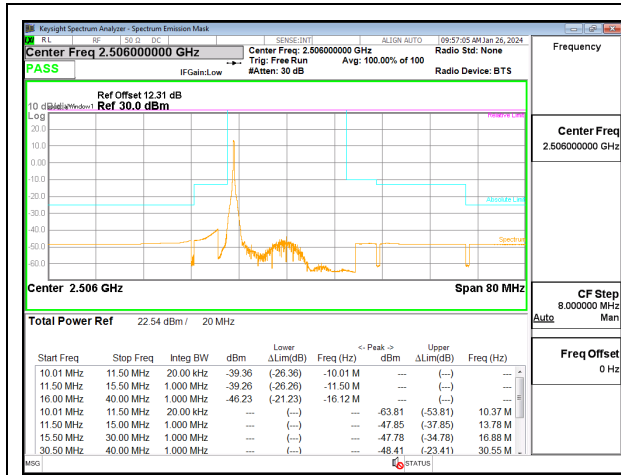
LTE Band 41 15MHz QPSK High Channel RB1-0



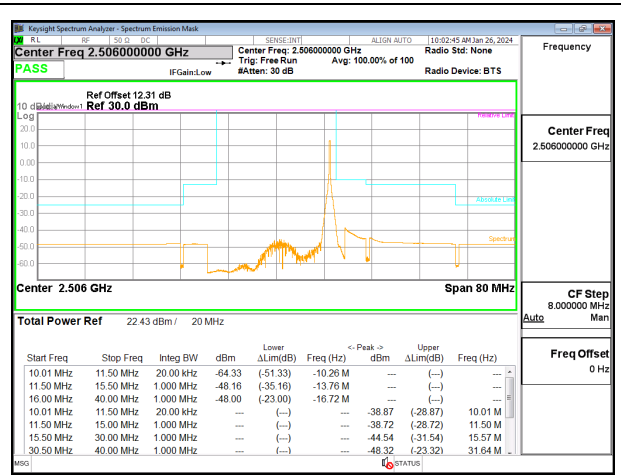
LTE Band 41 15MHz QPSK High Channel RB1-74



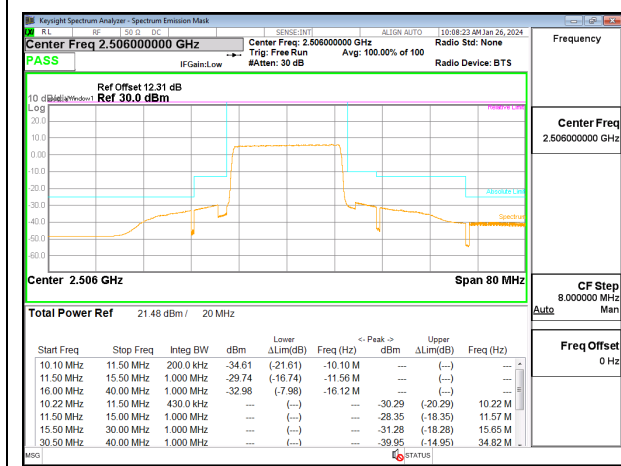
LTE Band 41 15MHz QPSK High Channel RB75-0



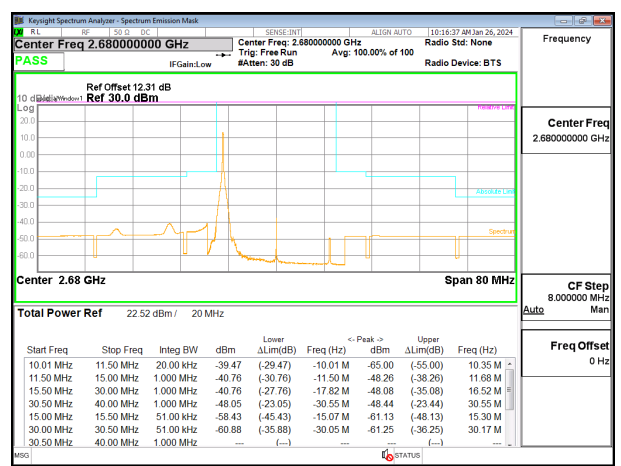
LTE Band 41 20MHz QPSK Low Channel RB1-0



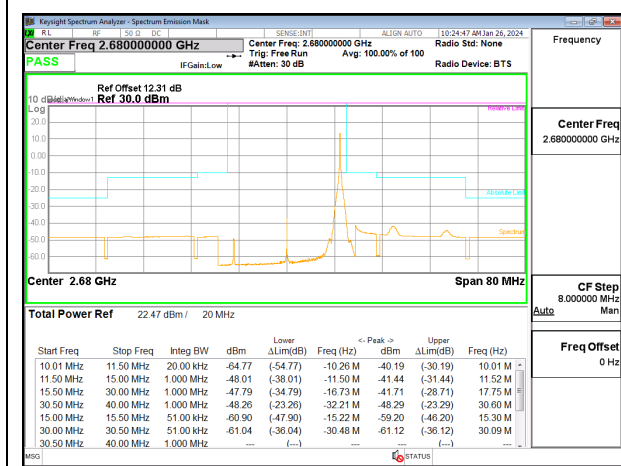
LTE Band 41 20MHz QPSK Low Channel RB1-99



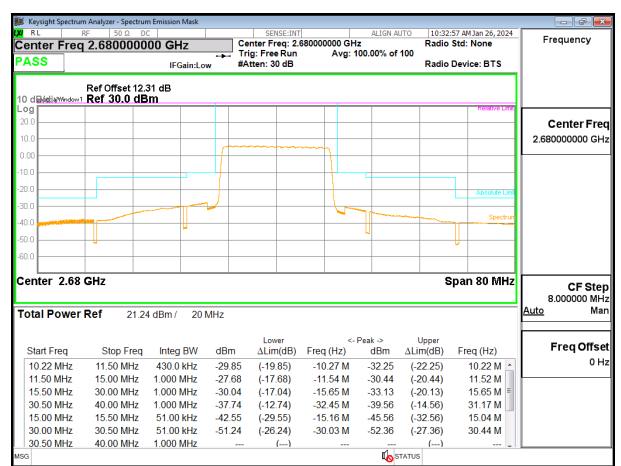
LTE Band 41 20MHz QPSK Low Channel RB100-0



LTE Band 41 20MHz QPSK High Channel RB1-0

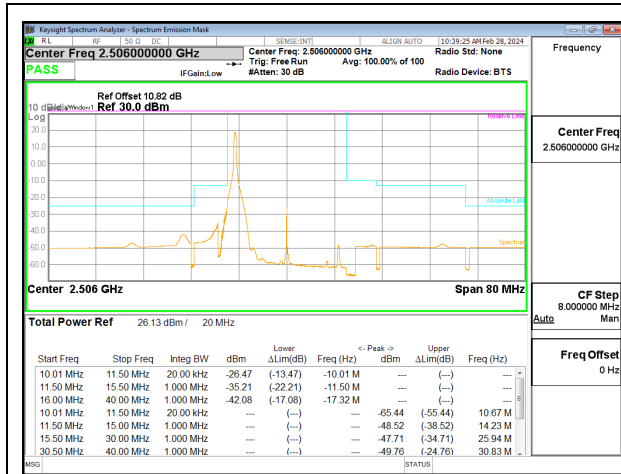


LTE Band 41 20MHz QPSK High Channel RB1-99

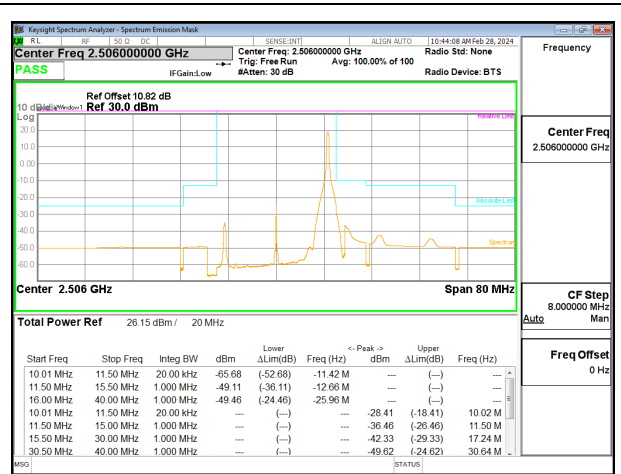


LTE Band 41 20MHz QPSK High Channel RB100-0

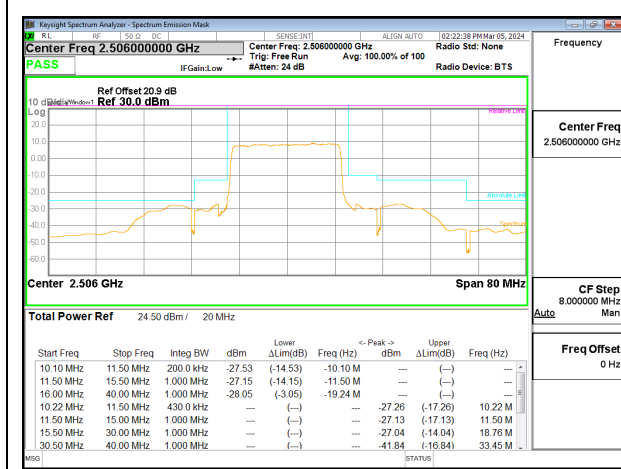
5G NR n41



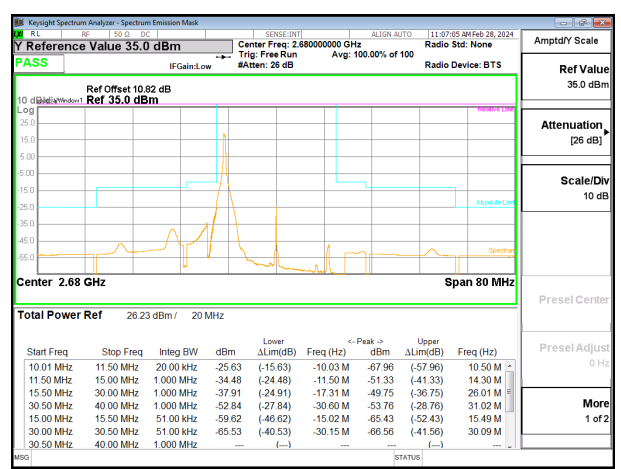
5G NR n41 20MHz QPSK Low Channel RB1-0



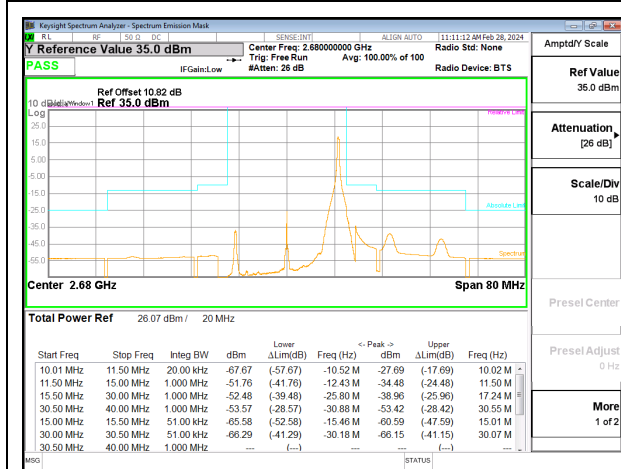
5G NR n41 20MHz QPSK Low Channel RB1-49



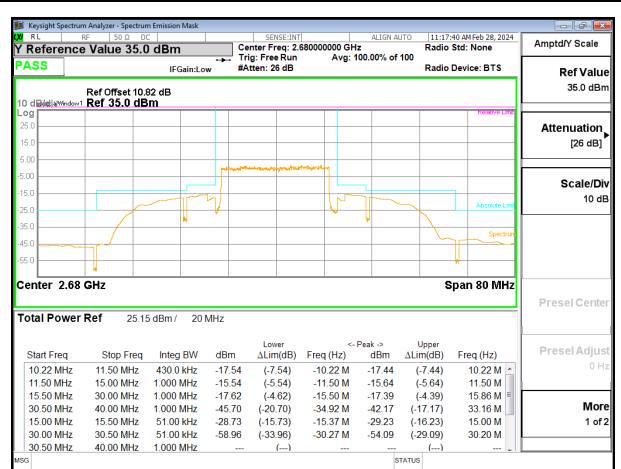
5G NR n41 20MHz QPSK Low Channel RB50-0



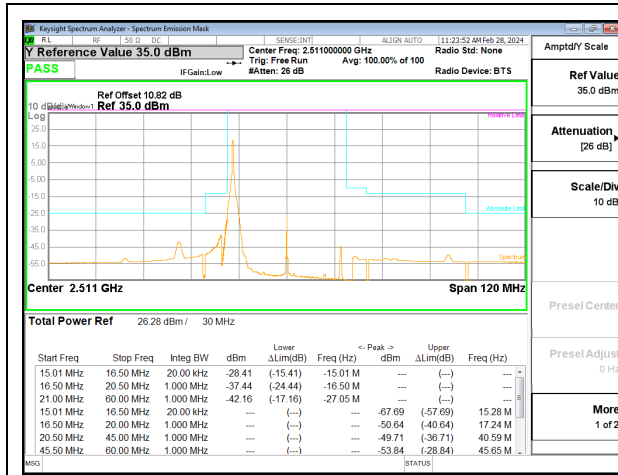
5G NR n41 20MHz QPSK High Channel RB1-0



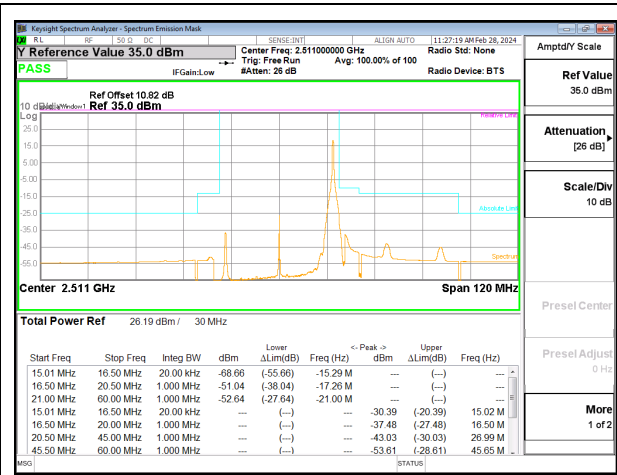
5G NR n41 20MHz QPSK High Channel RB1-49



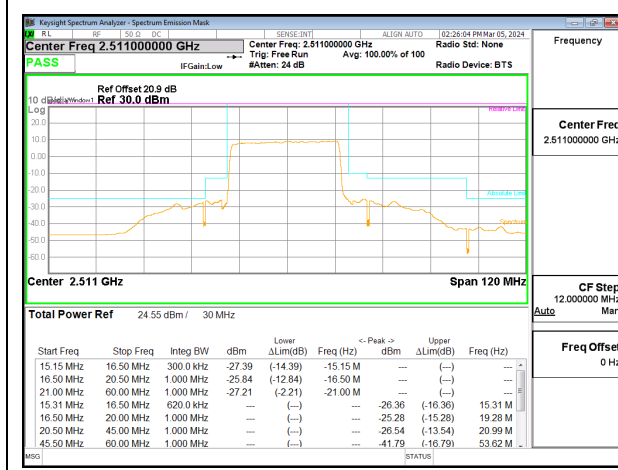
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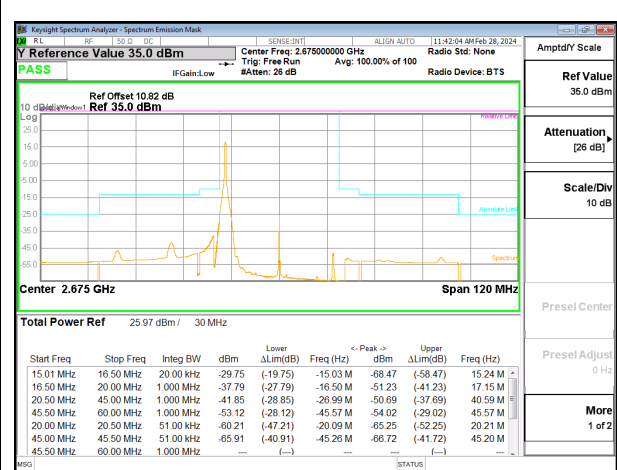
5G NR n41 30MHz QPSK Low Channel RB1-0



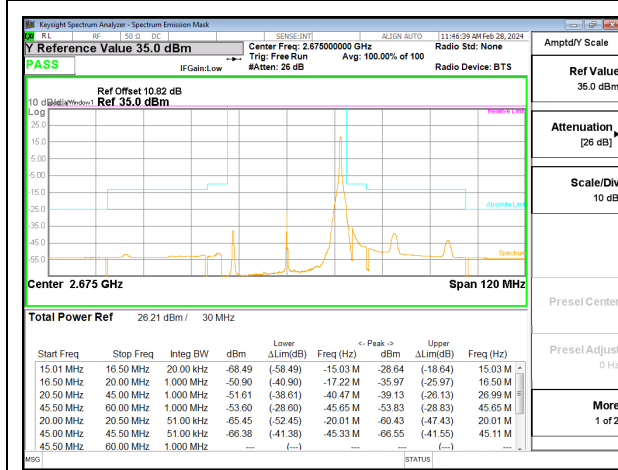
5G NR n41 30MHz QPSK Low Channel RB1-76



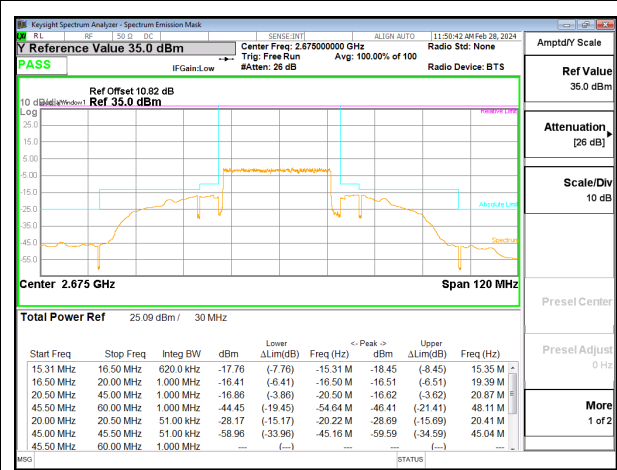
5G NR n41 30MHz QPSK Low Channel RB75-0



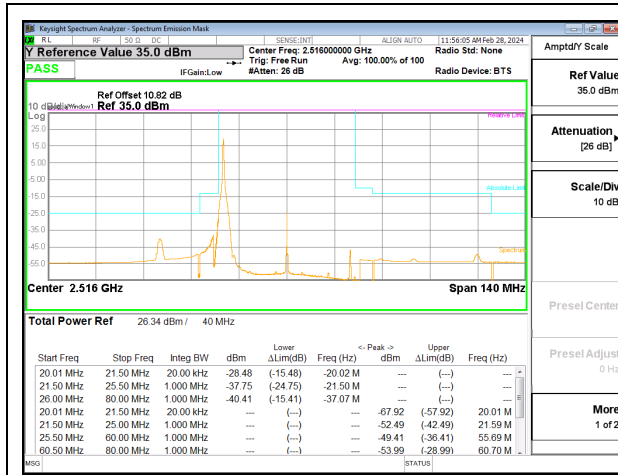
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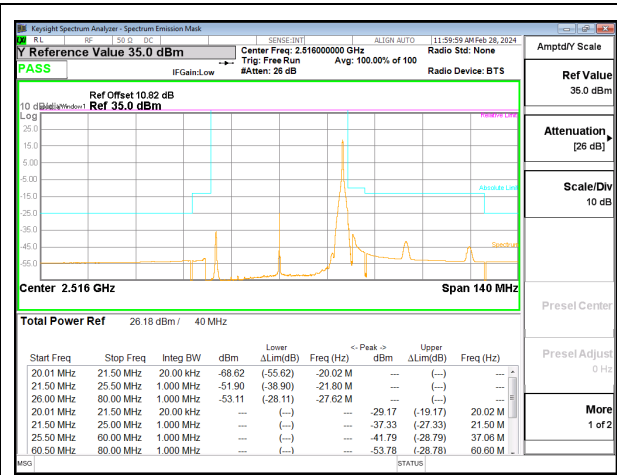
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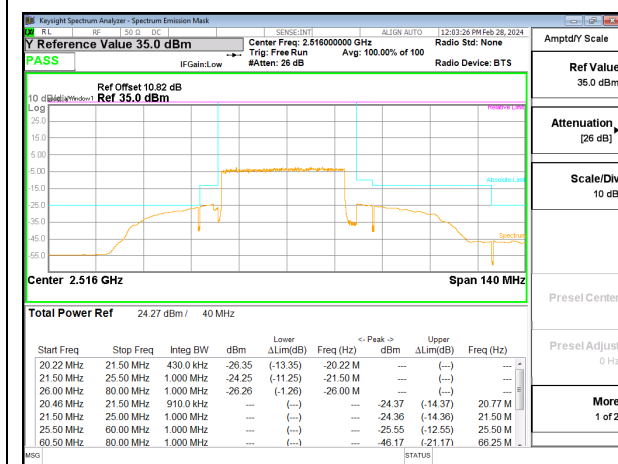
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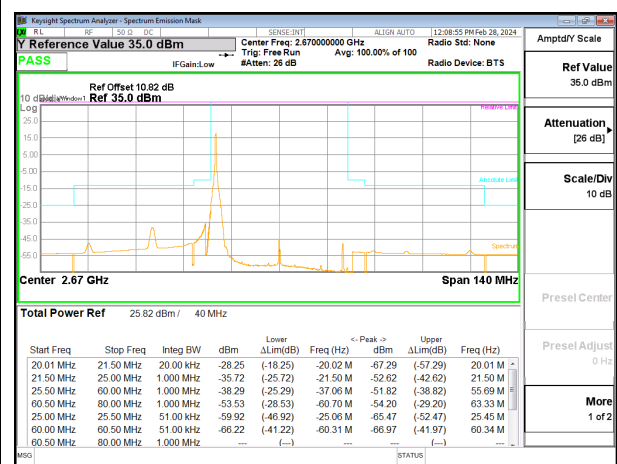
5G NR n41 40MHz QPSK Low Channel RB1-0



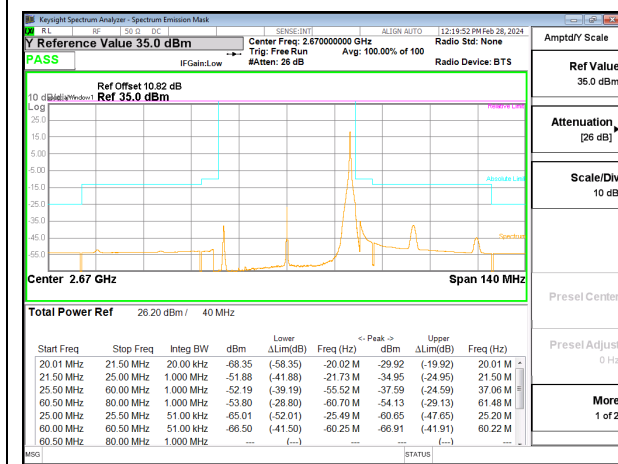
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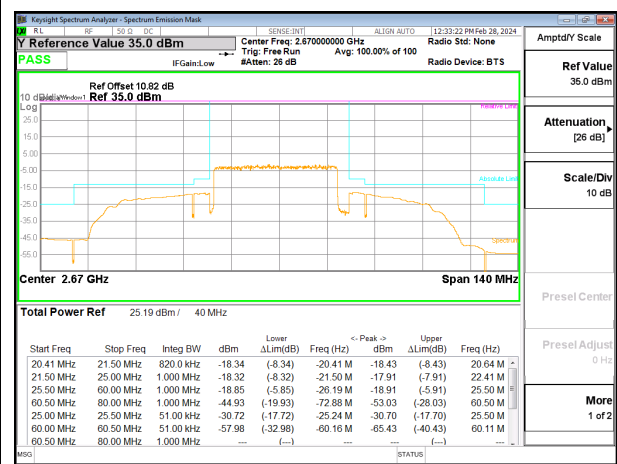
5G NR n41 40MHz QPSK Low Channel RB100-0



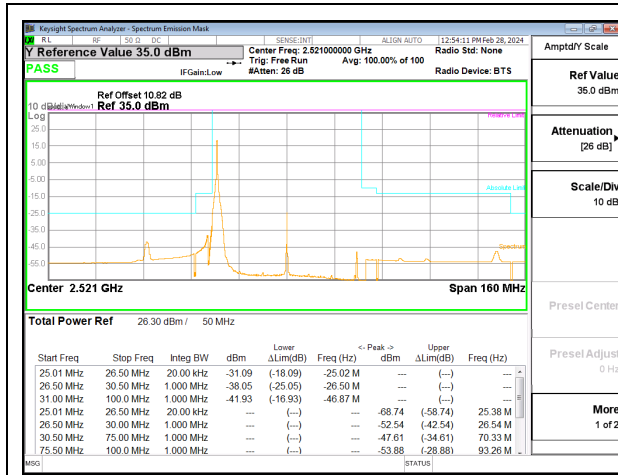
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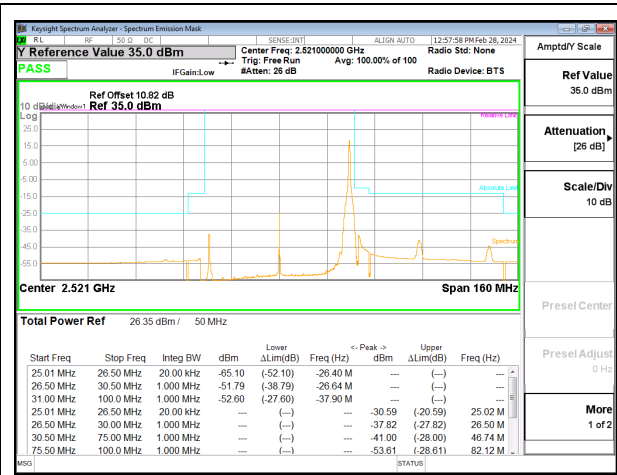
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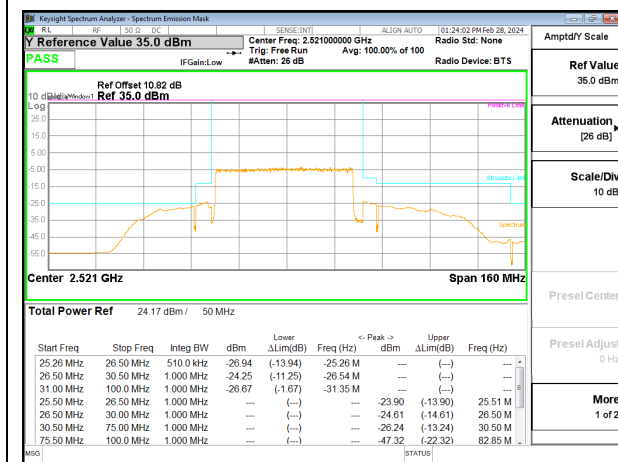
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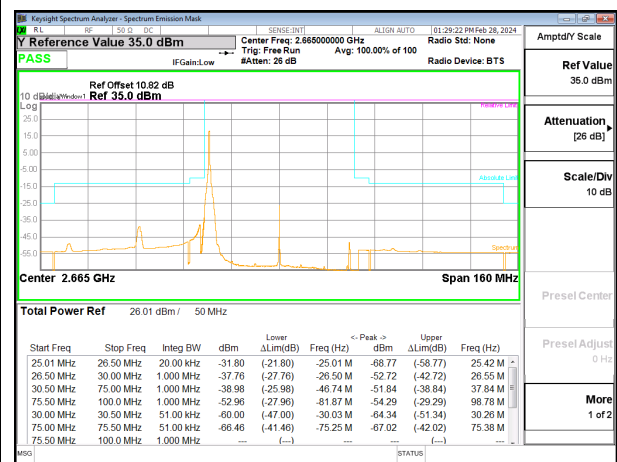
5G NR n41 50MHz QPSK Low Channel RB1-0



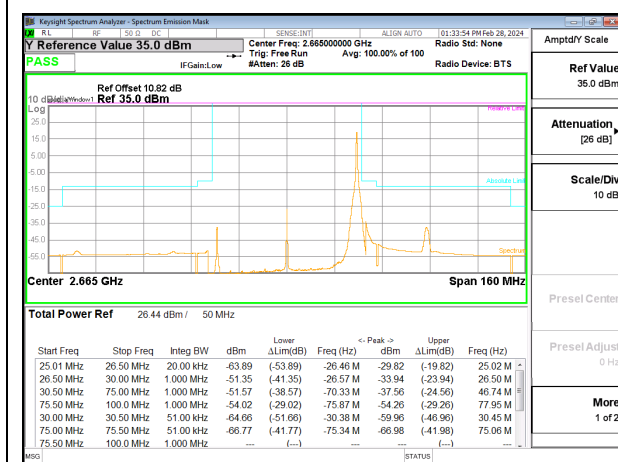
5G NR n41 50MHz QPSK Low Channel RB1-131



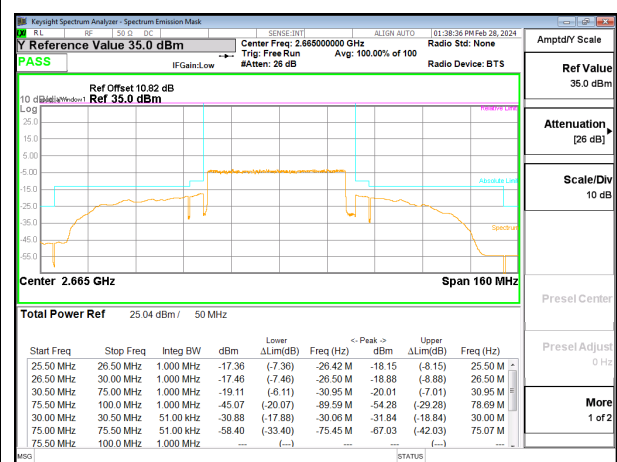
5G NR n41 50MHz QPSK Low Channel RB128-0



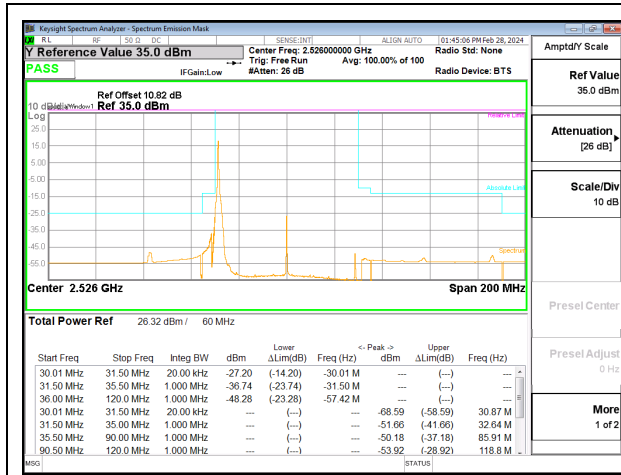
5G NR n41 50MHz QPSK High Channel RB1-0



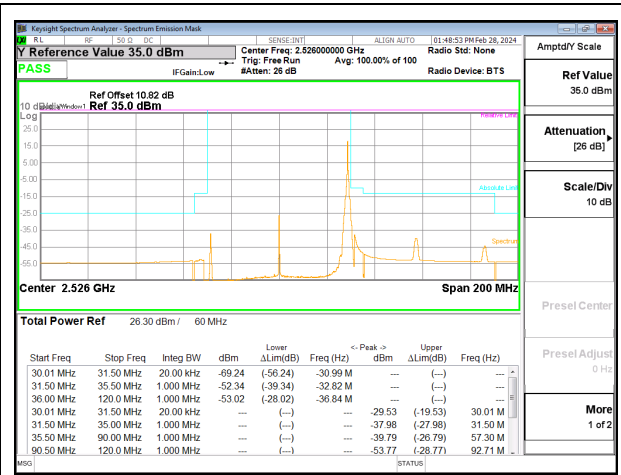
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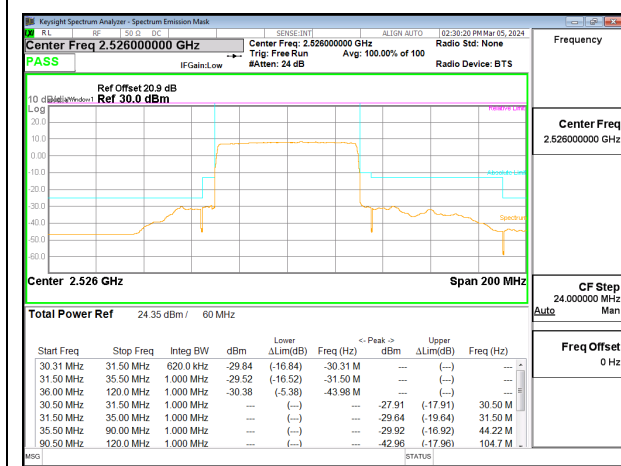
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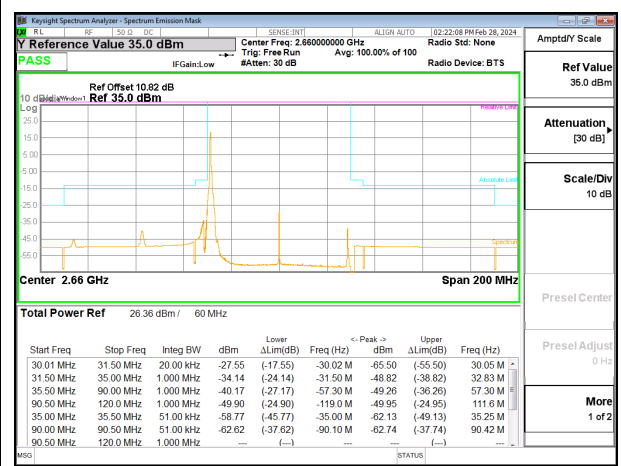
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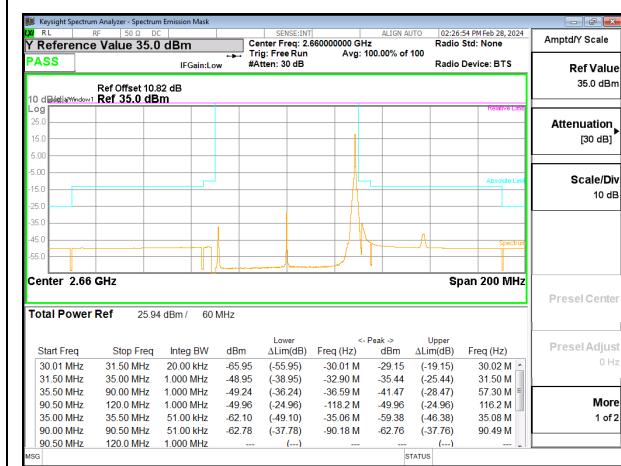
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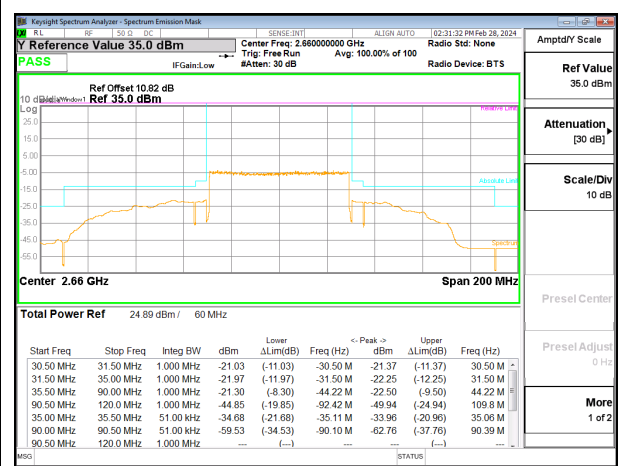
5G NR n41 60MHz QPSK Low Channel RB162-0



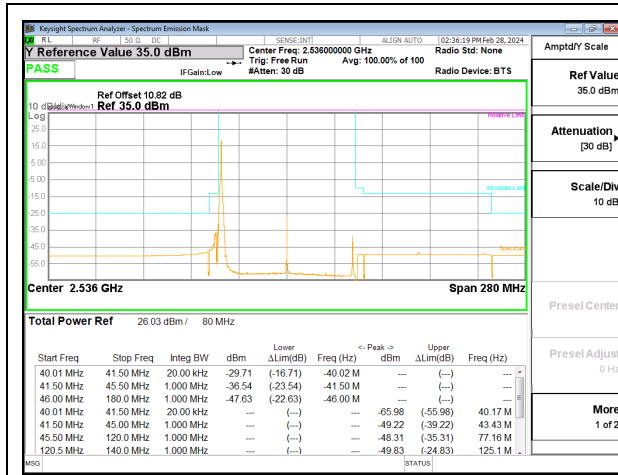
5G NR n41 60MHz QPSK High Channel RB1-0



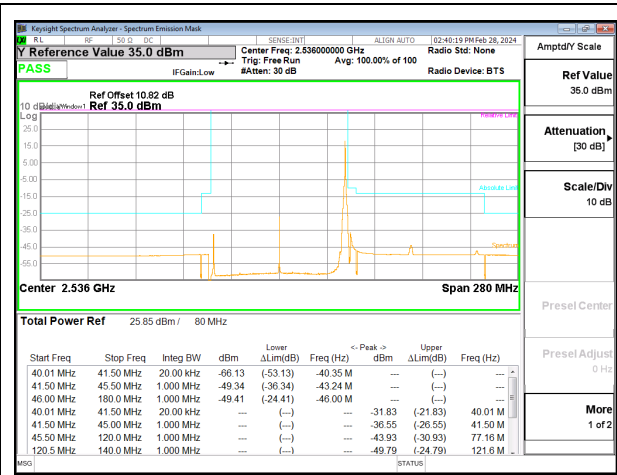
5G NR n41 60MHz QPSK High Channel RB1-160



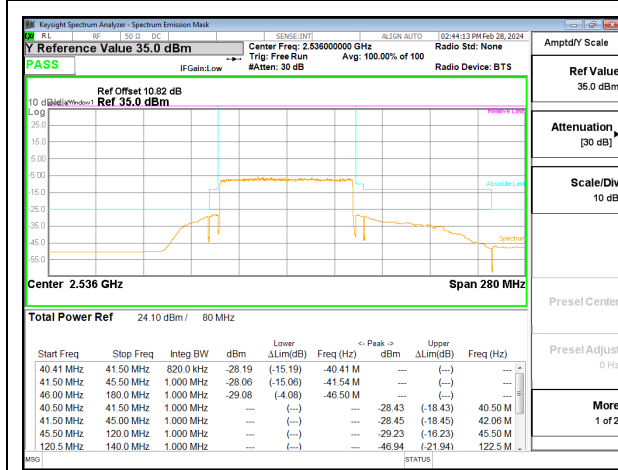
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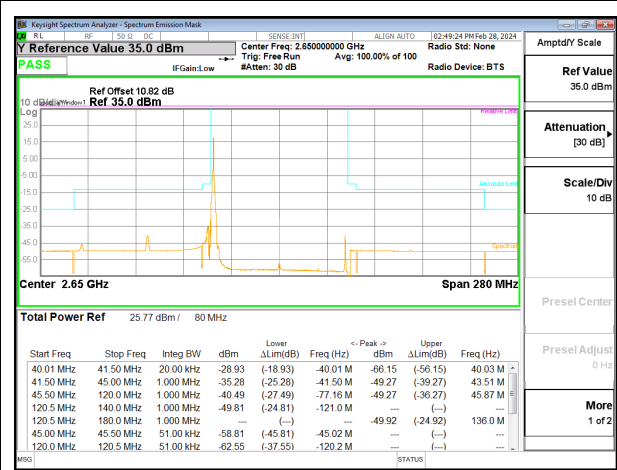
5G NR n41 80MHz QPSK Low Channel RB1-0



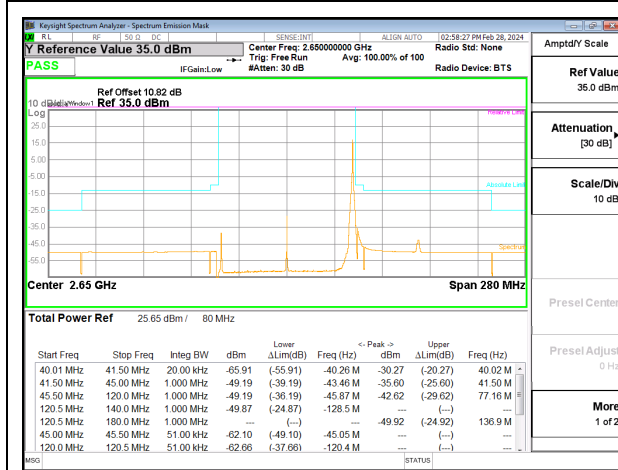
5G NR n41 80MHz QPSK Low Channel RB1-215



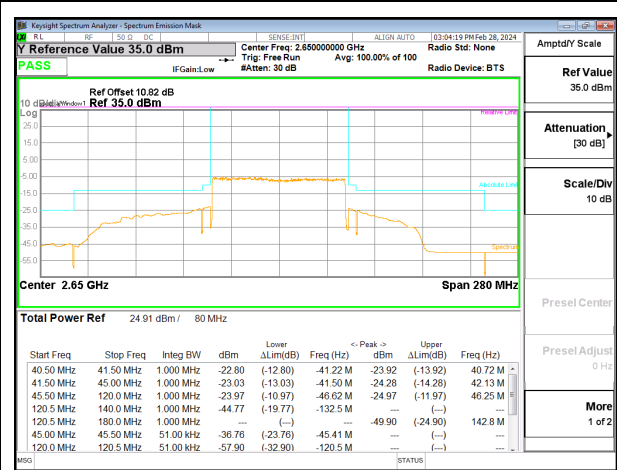
5G NR n41 80MHz QPSK Low Channel RB216-0



5G NR n41 80MHz QPSK High Channel RB1-0



5G NR n41 80MHz QPSK High Channel RB1-215



5G NR n41 80MHz QPSK High Channel RB216-0