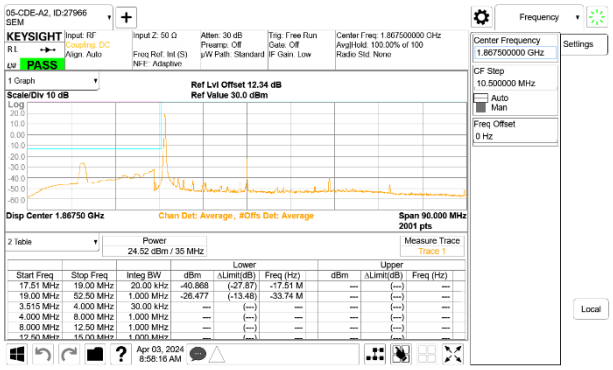
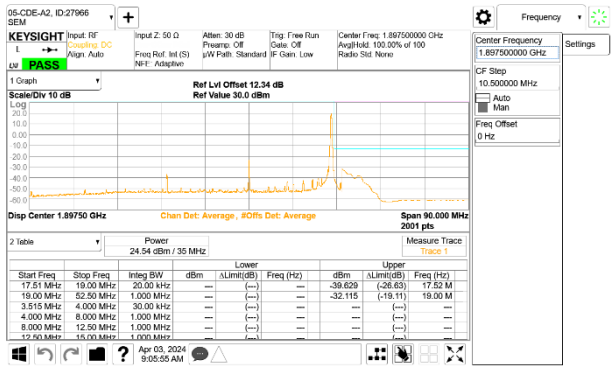


5G NR n25 35MHz BPSK Low Channel RB1-0, ID:27966



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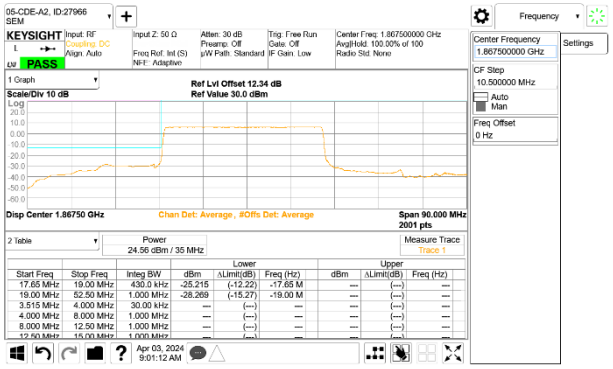

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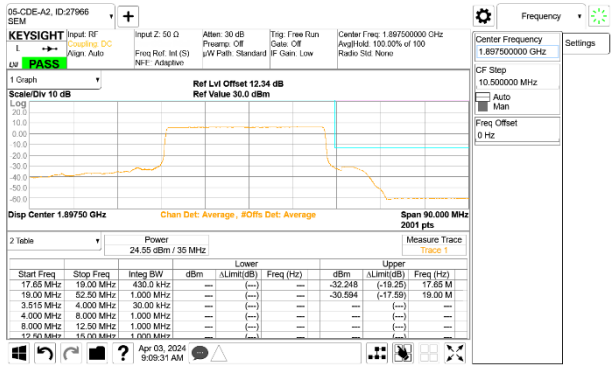

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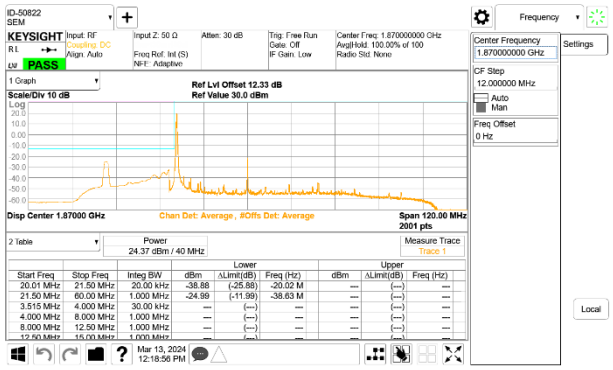
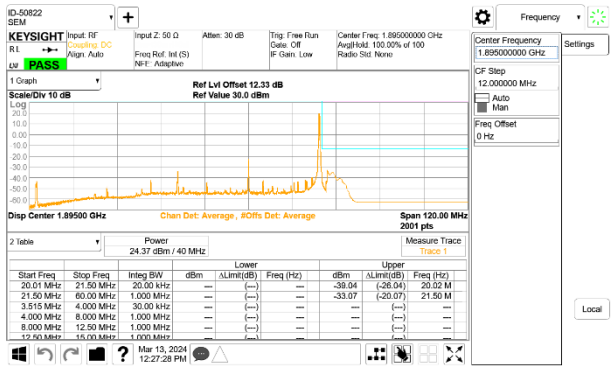


5G NR n25 40MHz BPSK Low Channel RB1-0, ID:50822



5G NR n25 40MHz BPSK High Channel RB1-215, ID:50822

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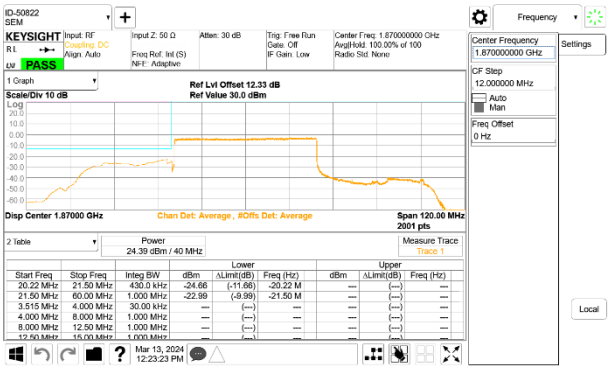
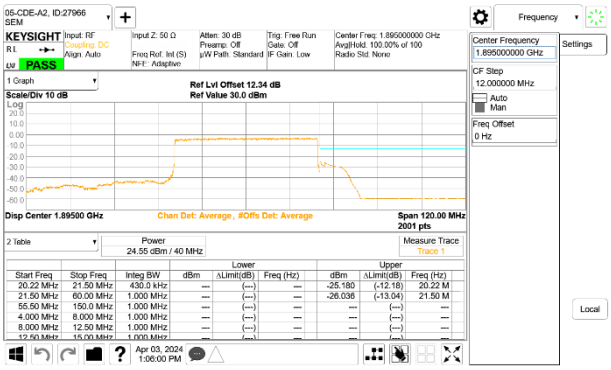


5G NR n25 40MHz BPSK Low Channel RB216-0, ID:50822



5G NR n25 40MHz BPSK High Channel RB216-0, ID:27966

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9.2.8. LTE BAND 26 AND 5G NR n26 (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 Log10(f/6.1) decibels or 50 + 10 Log10(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 + 10Log10(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.

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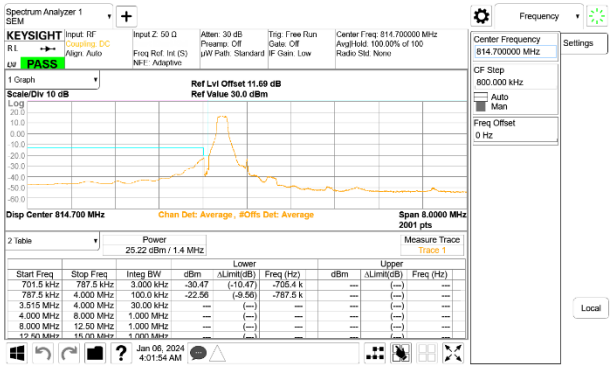
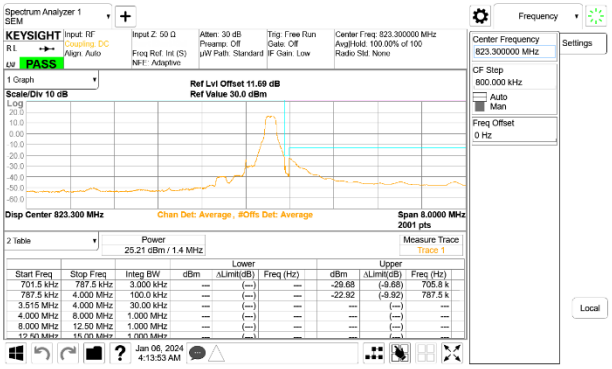
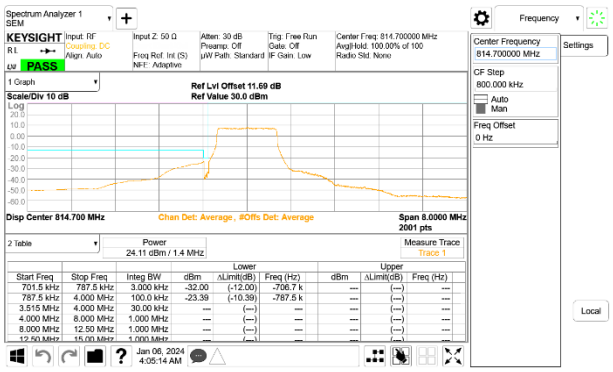
LTE BAND 26 EMISSION MASK



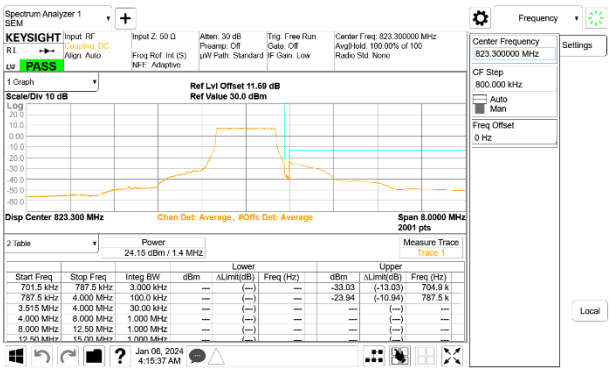
LTE B26 1.4MHz QPSK Low Channel RB1-0, ID:27979



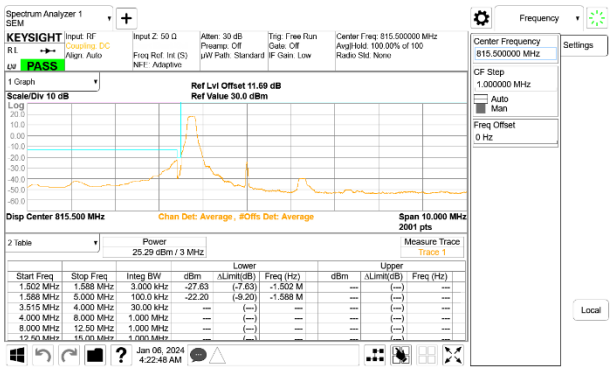
LTE B26 1.4MHz QPSK High Channel RB1-5, ID:27979



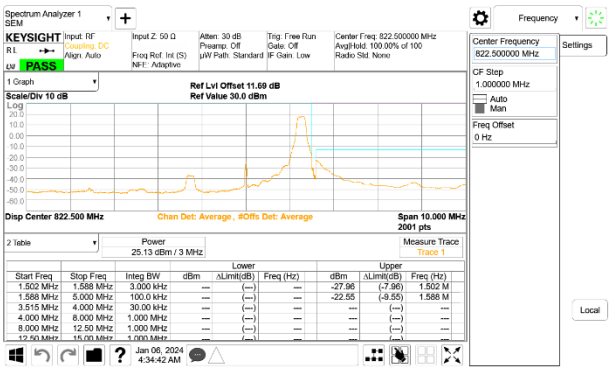
LTE B26 1.4MHz QPSK Low Channel RB6-0, ID:27979



LTE B26 1.4MHz QPSK High Channel RB6-0, ID:27979



LTE B26 3MHz QPSK Low Channel RB1-0, ID:27979



LTE B26 3MHz QPSK High Channel RB1-14, ID:27979

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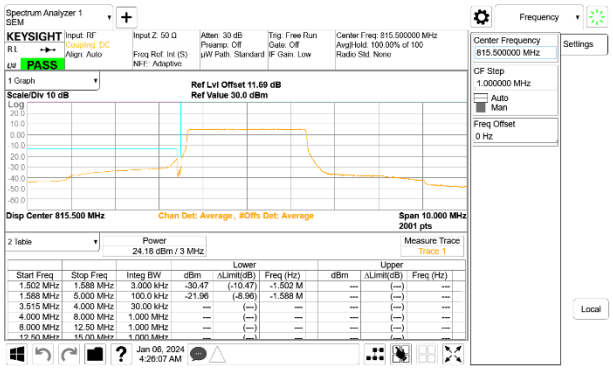

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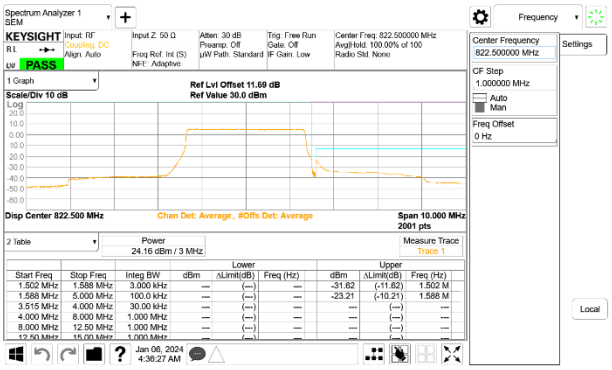
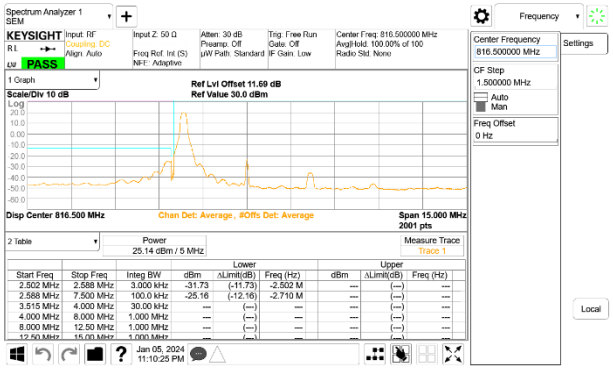
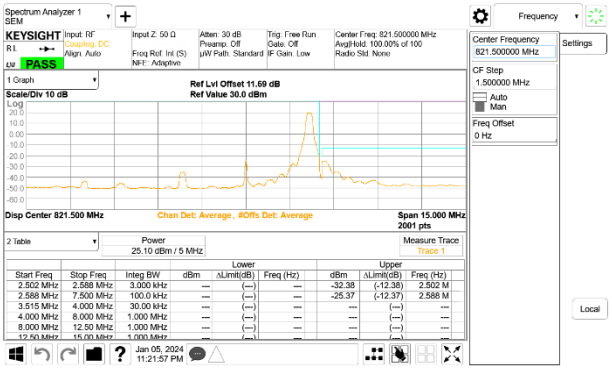


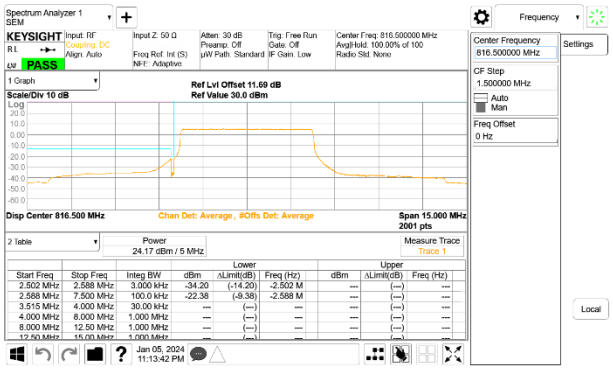
LTE B26 3MHz QPSK High Channel RB15-0, ID:27979



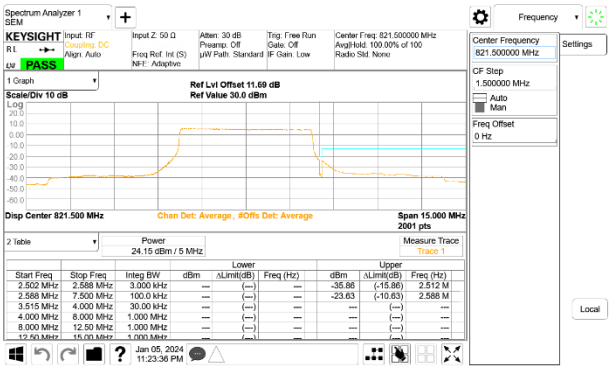
LTE B26 5MHz QPSK Low Channel RB1-0, ID:27979



LTE B26 5MHz QPSK High Channel RB1-24, ID:27979



LTE B26 5MHz QPSK Low Channel RB25-0, ID:27979



LTE B26 5MHz QPSK High Channel RB25-0, ID:27979

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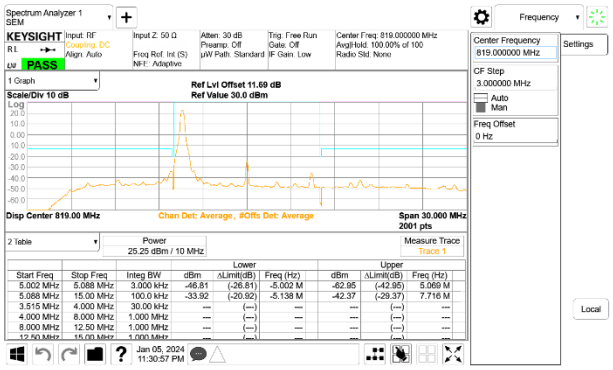
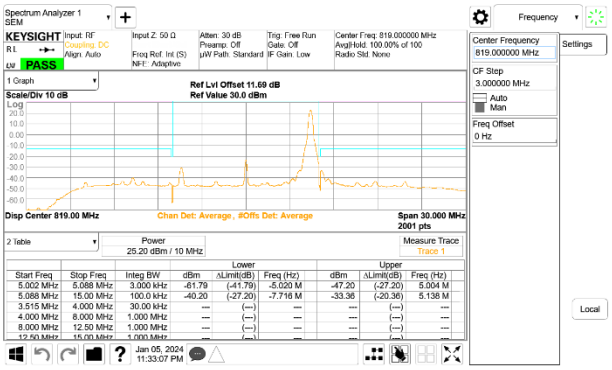


LTE B26 10MHz QPSK Middle Channel RB1-0, ID:27979



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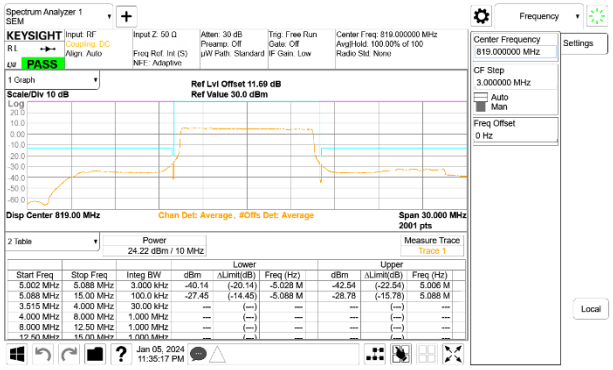

LTE B26 10MHz QPSK Middle Channel RB50-0, ID:27979

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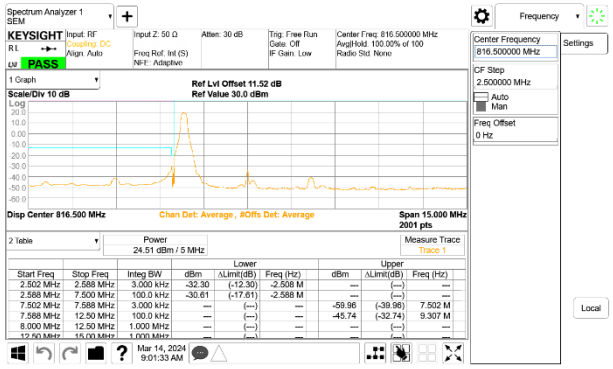
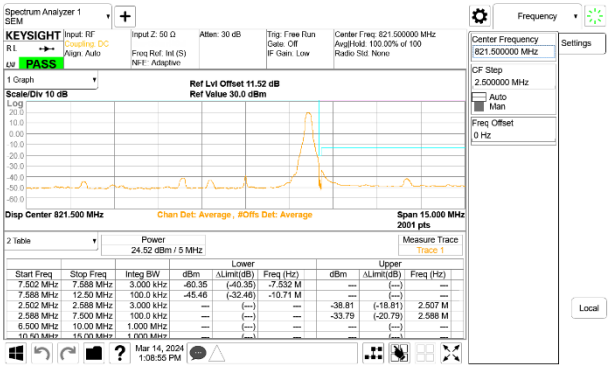
5G NR n26 EMISSION MASK



5G NR n26 5MHz BPSK Low Channel RB1-0, ID:50822



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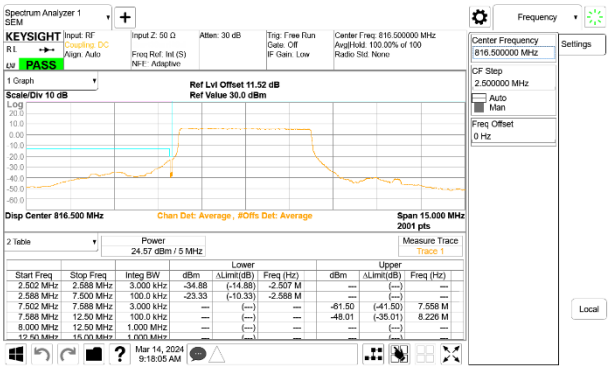
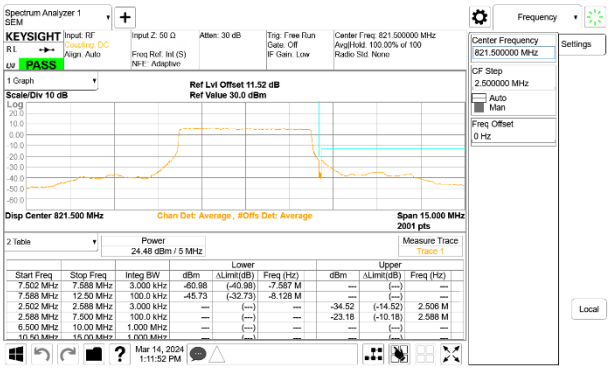


5G NR n26 5MHz BPSK Low Channel RB25-0, ID:50822



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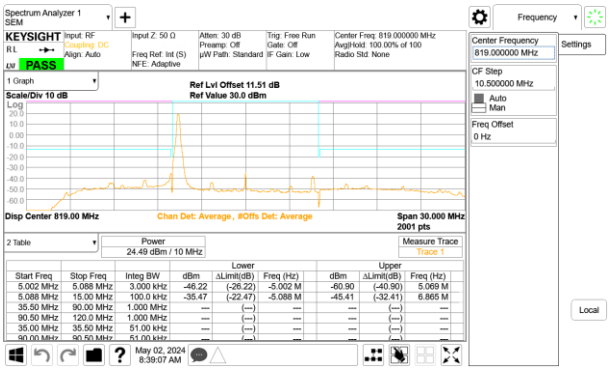

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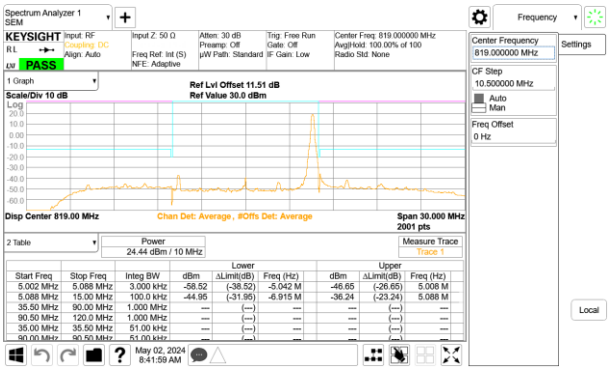

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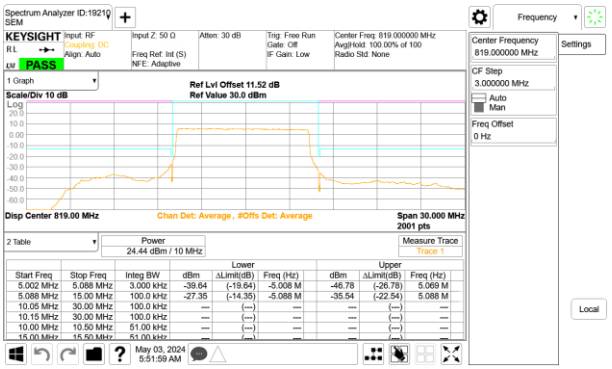

5G NR n26 10MHz BPSK Middle Channel RB50-0 ID:19210

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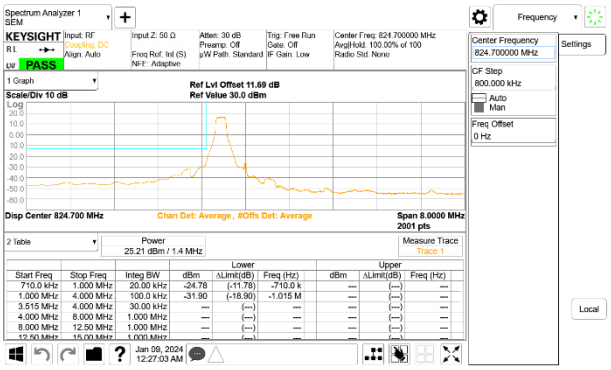
9.2.9. LTE BAND 26 AND 5G NR n26 (PART 22)

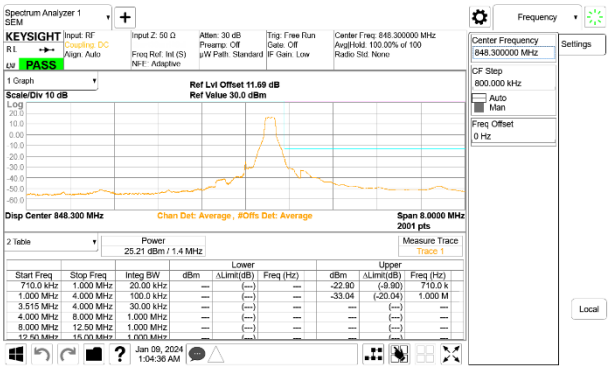
LIMITS

FCC: §22.917 (a)
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.

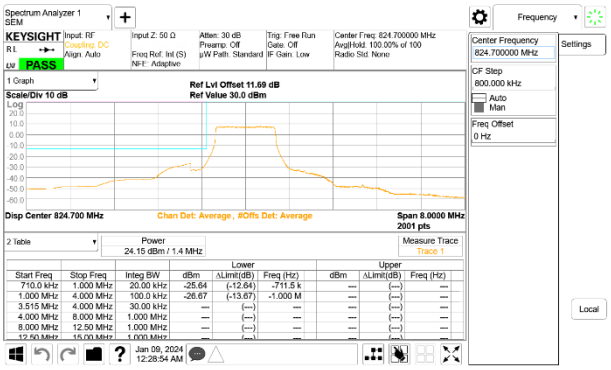
LTE BAND 26 EMISSION MASK



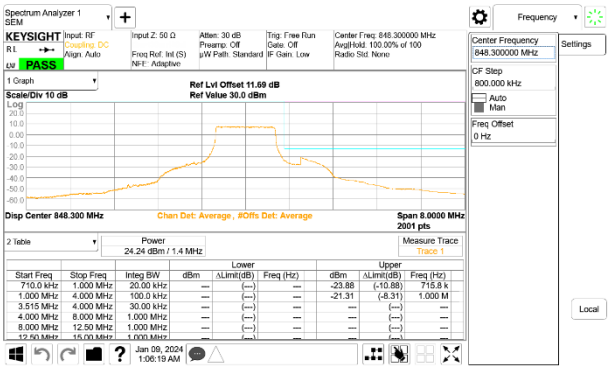
LTE B26 1.4MHz QPSK Low Channel RB1-0, ID:27979



LTE B26 1.4MH QPSK High Channel RB1-5, ID:27979



LTE B26 1.4MHz QPSK Low Channel RB6-0, ID:27979



LTE B26 1.4MHz QPSK High Channel RB6-0, ID:27979

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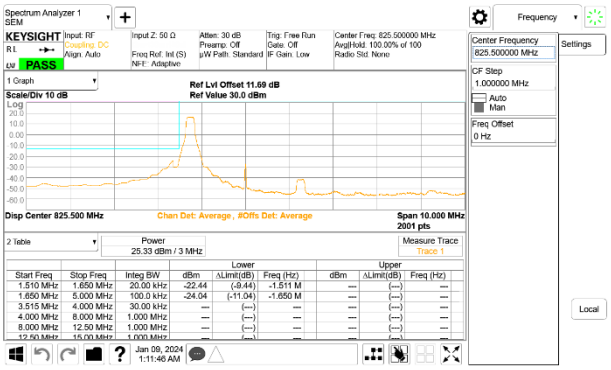
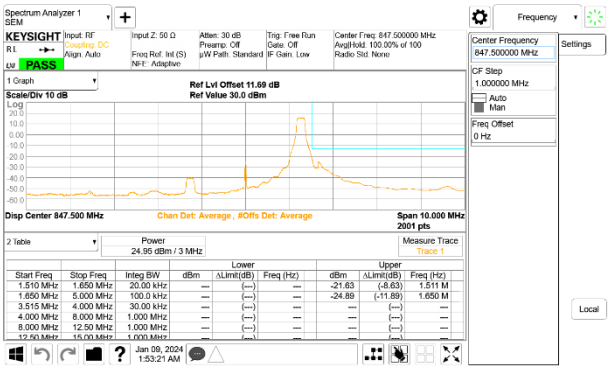
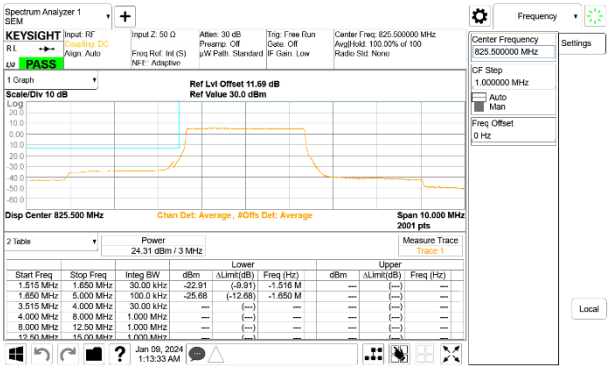


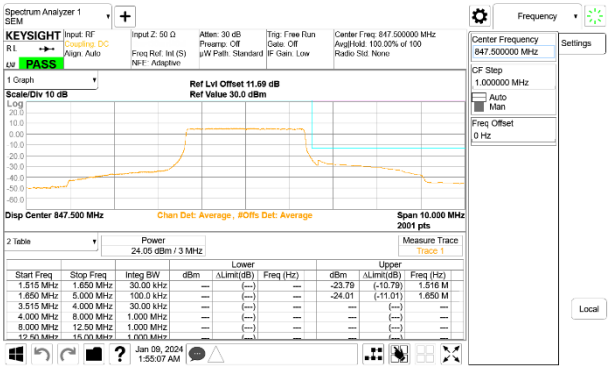
LTE B26 3MHz QPSK Low Channel RB1-0, ID:27979



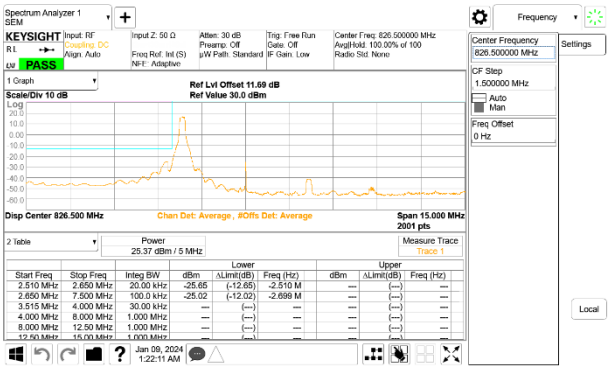
LTE B26 3MHz QPSK High Channel RB1-14, ID:27979



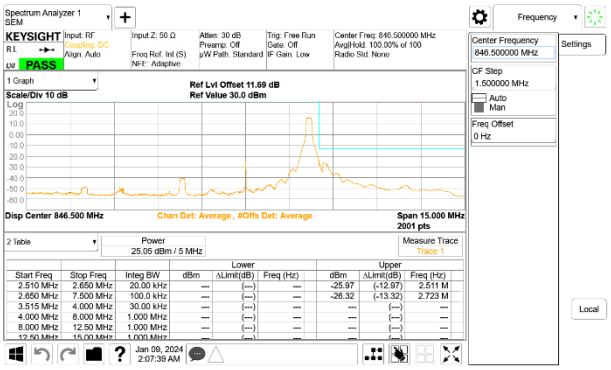
LTE B26 3MHz QPSK Low Channel RB15-0, ID:27979



LTE B26 3MHz QPSK High Channel RB15-0, ID:27979



LTE B26 5MHz QPSK Low Channel RB1-0, ID:27979



LTE B26 5MHz QPSK High Channel RB1-24, ID:27979

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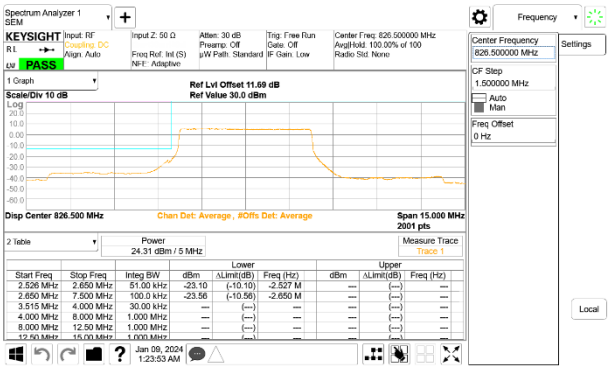
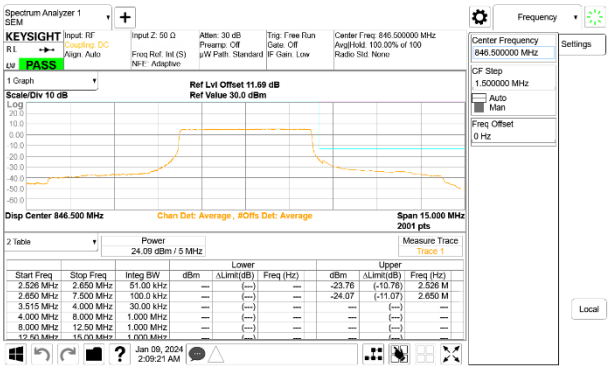
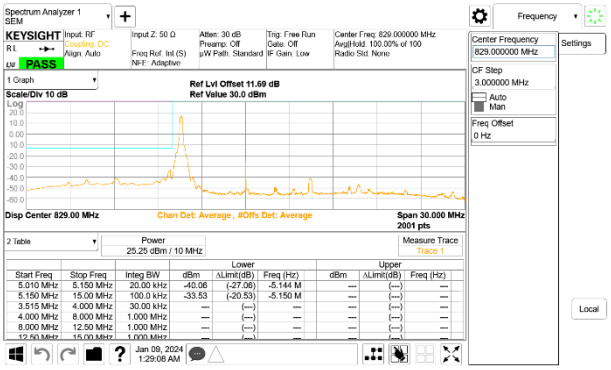


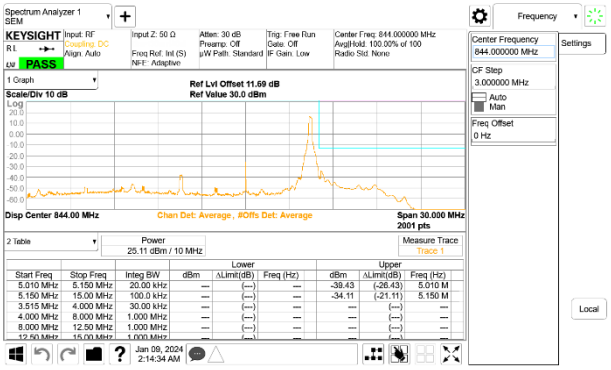
LTE B26 5MHz QPSK Low Channel RB25-0, ID:27979



LTE B26 5MHz QPSK High Channel RB25-0, ID:27979



LTE B26 10MHz QPSK Low Channel RB1-0, ID:27979



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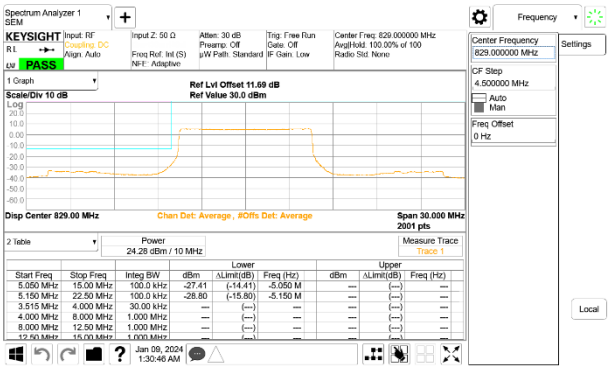
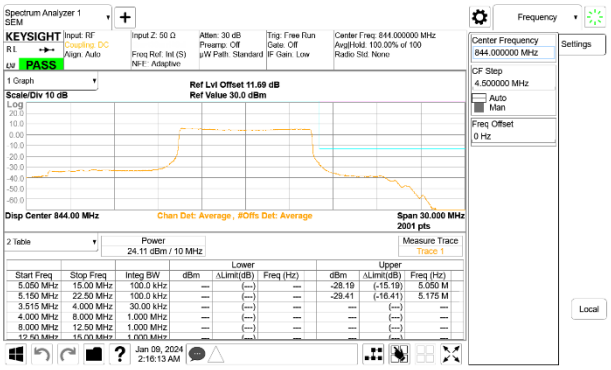


LTE B26 10MHz QPSK Low Channel RB50-0, ID:27979



LTE B26 10MHz QPSK High Channel RB50-0, ID:27979

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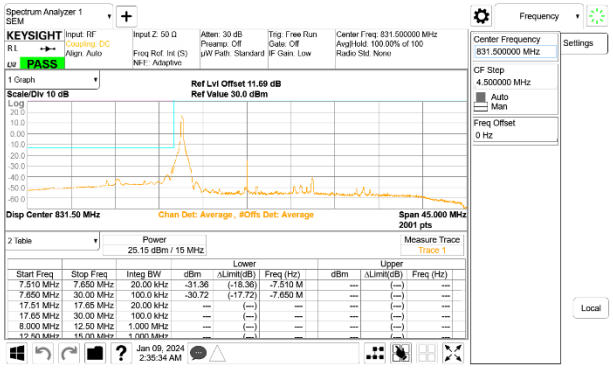

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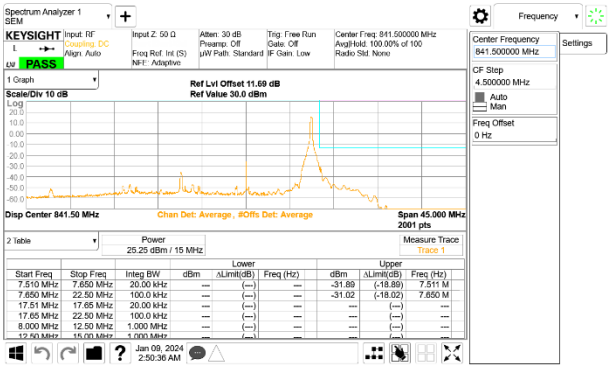

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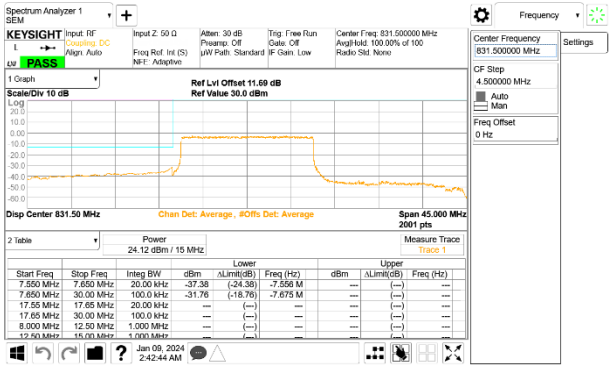
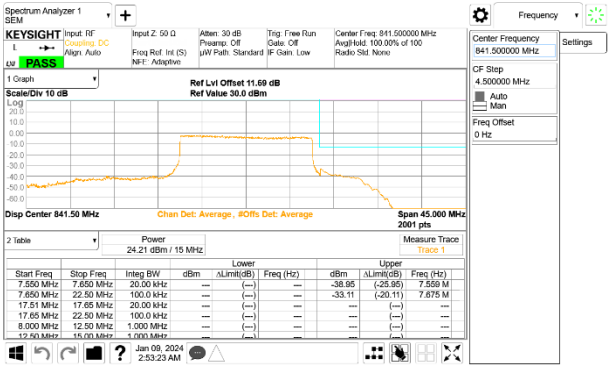


LTE B26 15MHz QPSK Low Channel RB75-0, ID:27979



LTE B26 15MHz QPSK High Channel RB75-0, ID:27979

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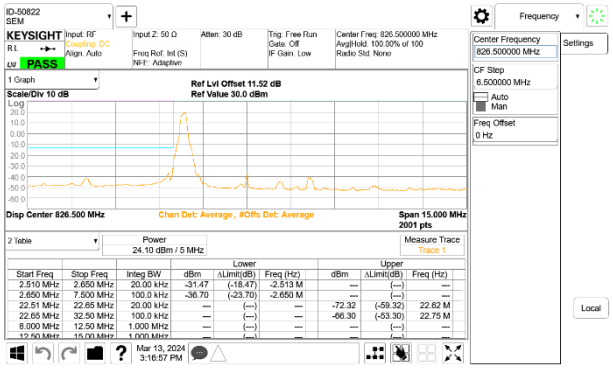

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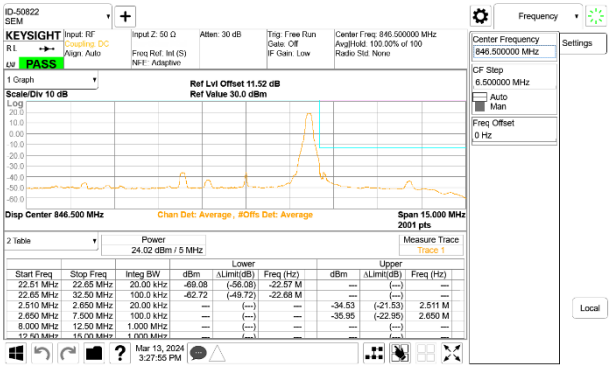

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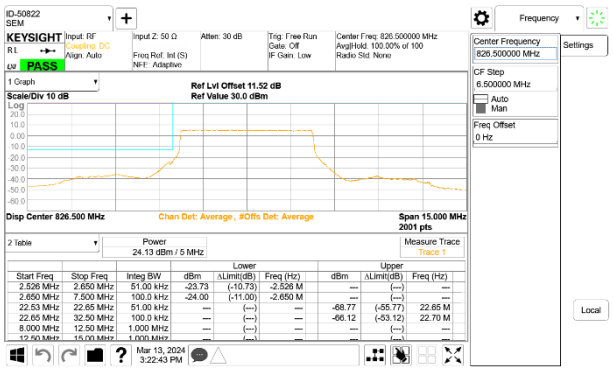

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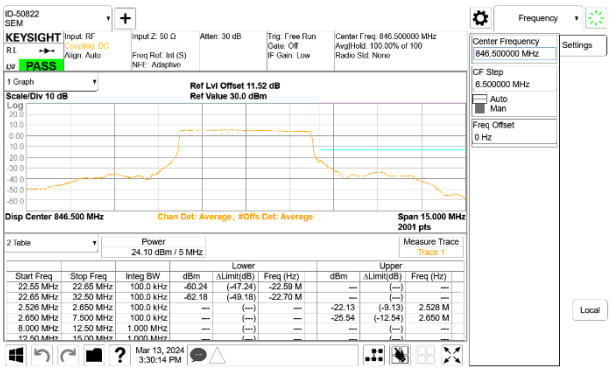

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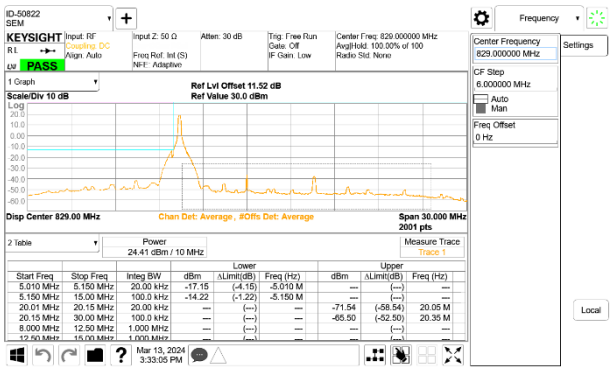

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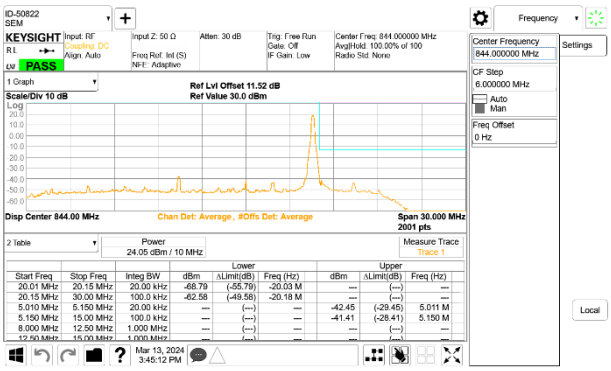

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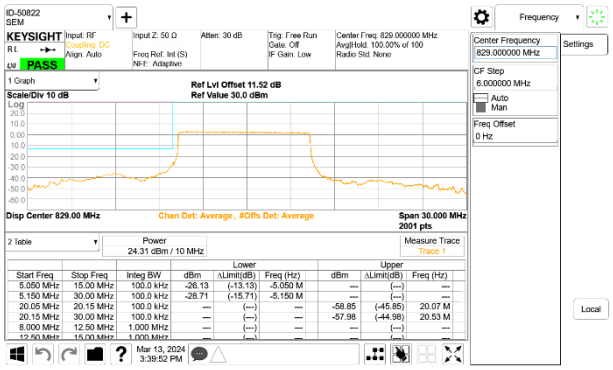

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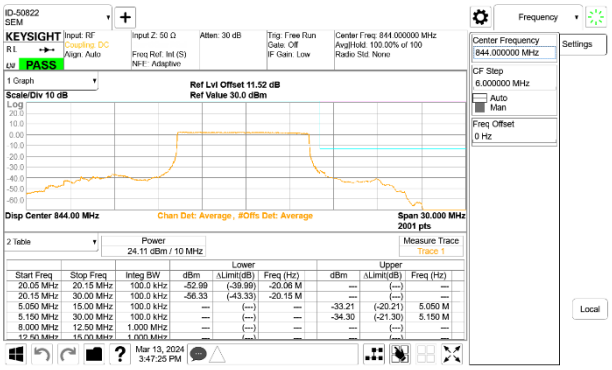

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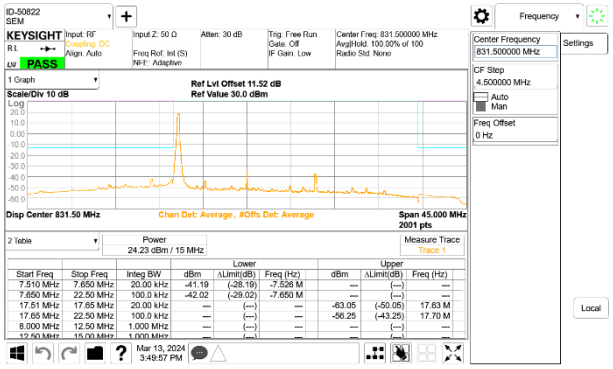

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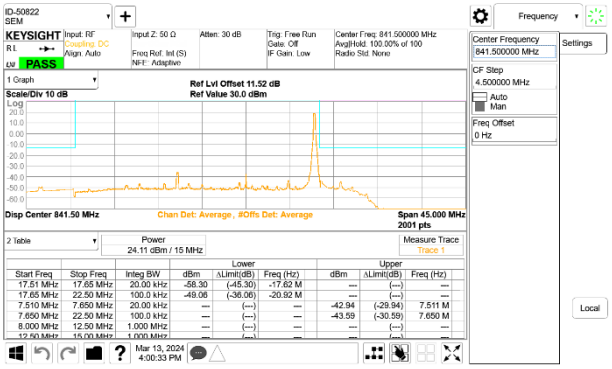

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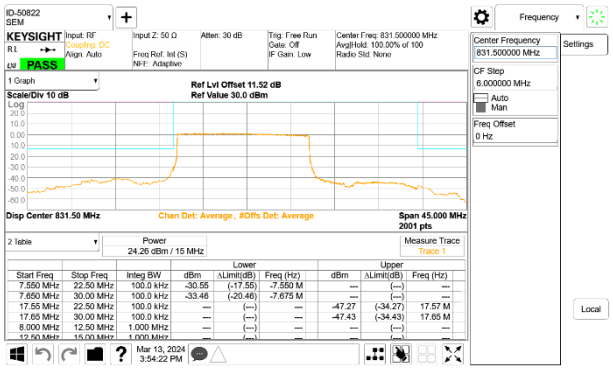

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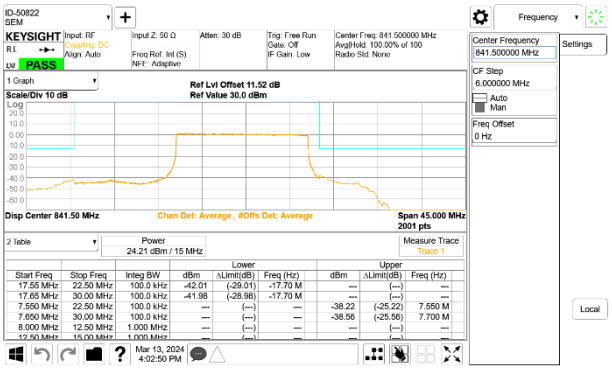

5G NR n26 15MHz BPSK High Channel RB75-0, ID:50822

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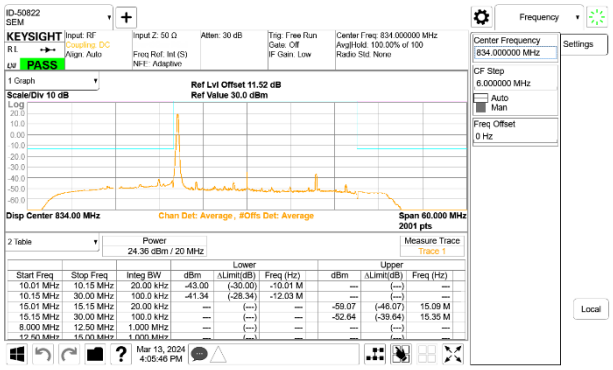

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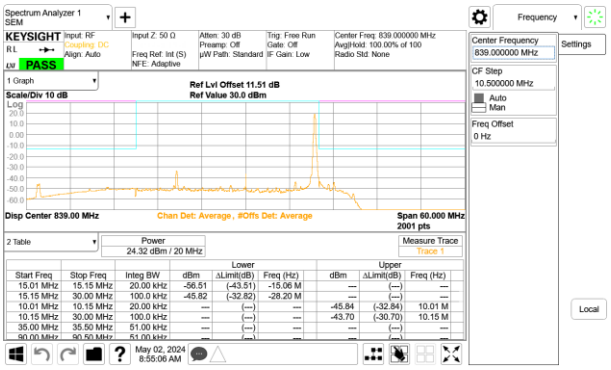

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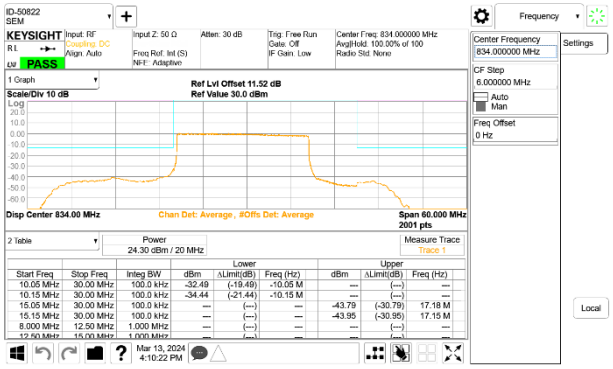

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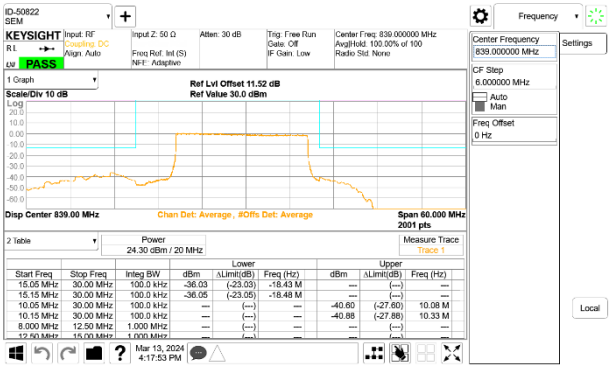

5G NR n26 20MHzz BPSK High Channel RB100-0, ID:50822

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9.2.10. LTE BAND 30 AND 5G NR n30

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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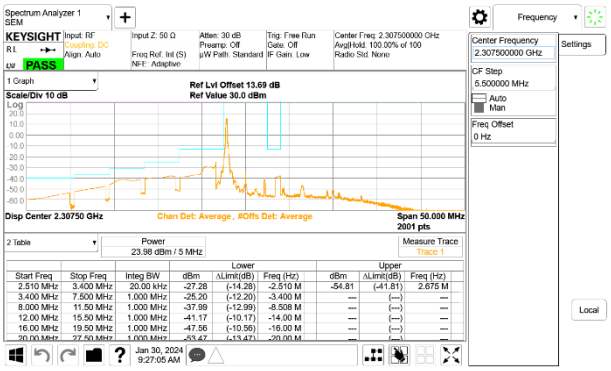
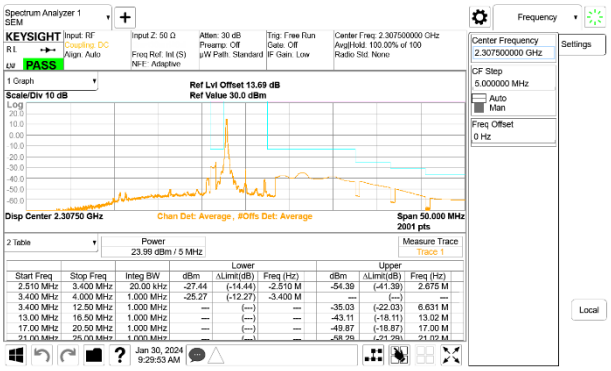
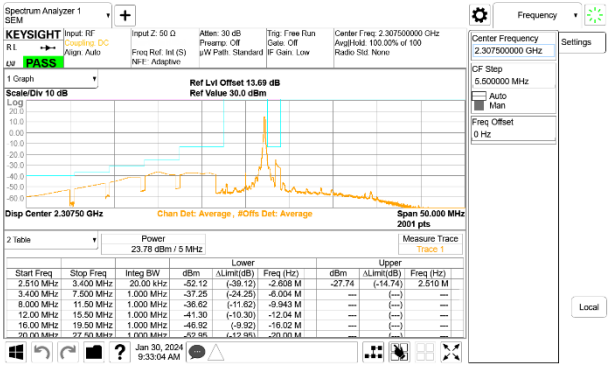
LTE BAND 30 EMISSION MASK



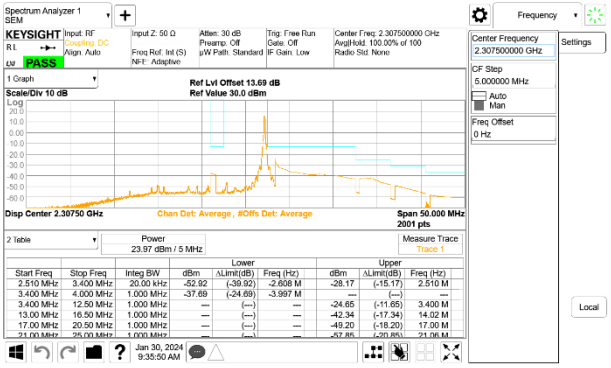
LTE B30 5MHz QPSK Low Channel RB1-0 (Low side), ID:39005



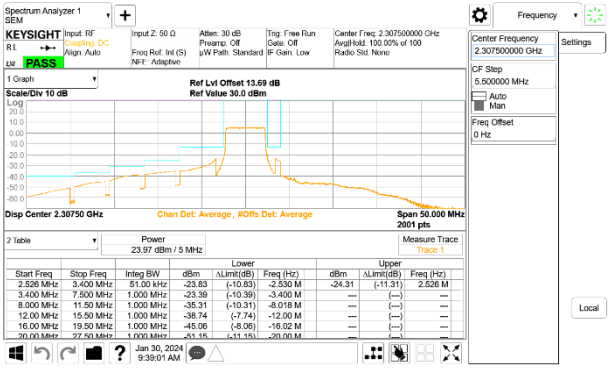
LTE B30 5MHz QPSK Low Channel RB1-0 (High side), ID:39005



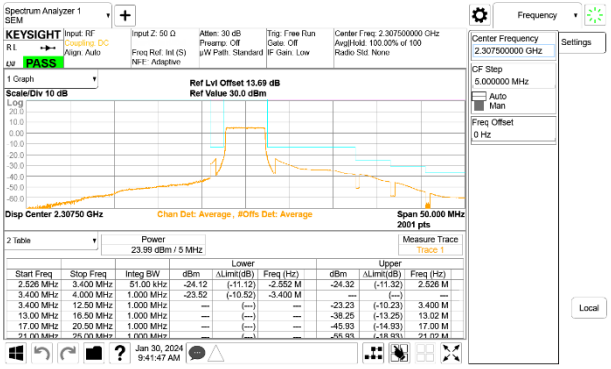
LTE B30 5MHz QPSK Low Channel RB1-24 (Low side), ID:39005



LTE B30 5MHz QPSK Low Channel RB1-24 (High side), ID:39005



LTE B30 5MHz QPSK Low Channel RB25-0 (Low side), ID:39005



LTE B30 5MHz QPSK Low Channel RB25-0 (High side), ID:39005

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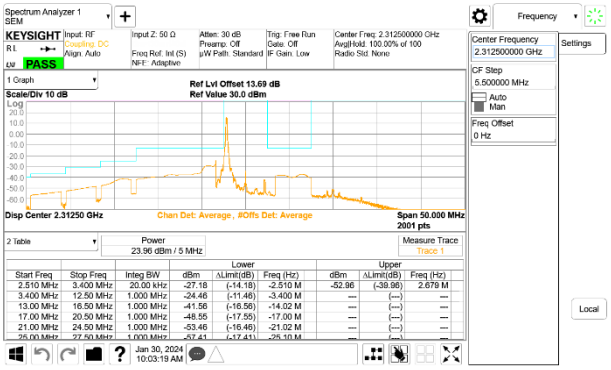
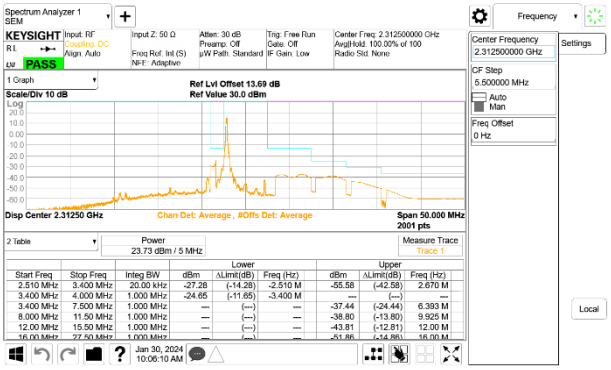
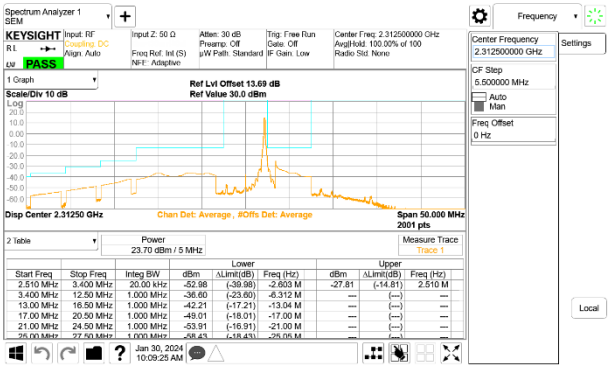


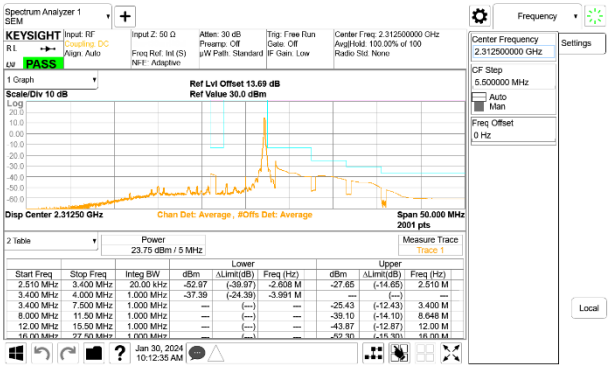
LTE B30 5MHz QPSK High Channel RB1-0 (Low side), ID:39005



LTE B30 5MHz QPSK High Channel RB1-0 (High side), ID:39005



LTE B30 5MHz QPSK High Channel RB1-24 (Low side), ID:39005



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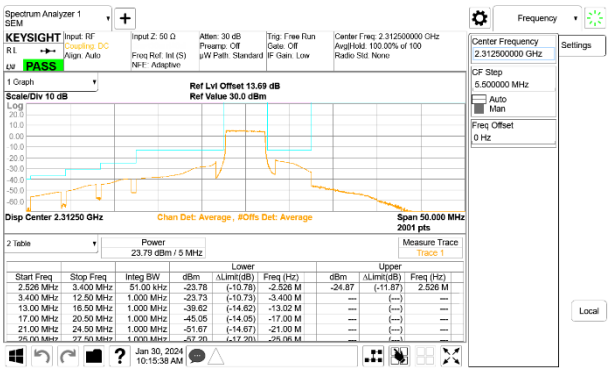
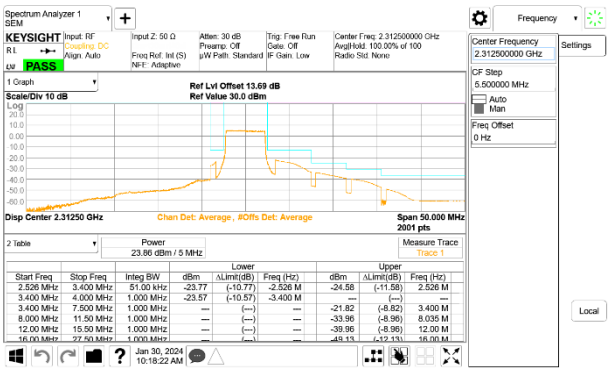


LTE B30 5MHz QPSK High Channel RB25-0 (Low side), ID:39005



LTE B30 5MHz QPSK High Channel RB25-0 (High side), ID:39005

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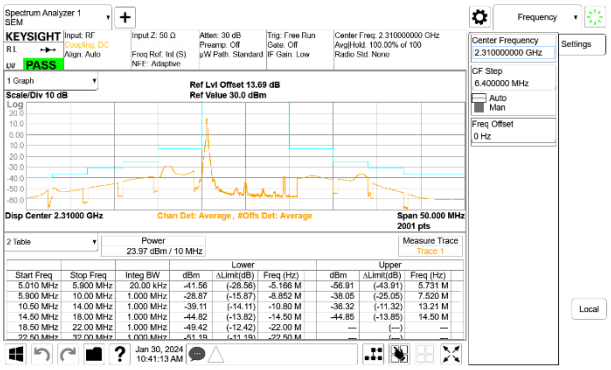
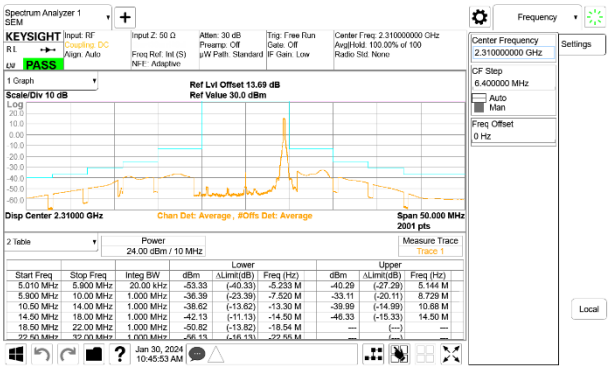
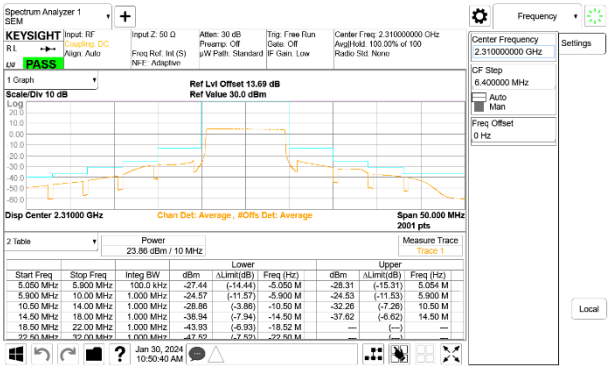


LTE B30 10MHz QPSK Middle Channel RB1-0, ID:39005



LTE B30 10MHz QPSK Middle Channel RB1-49, ID:39005



LTE B30 10MHz QPSK Middle Channel RB50-0, ID:39005

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