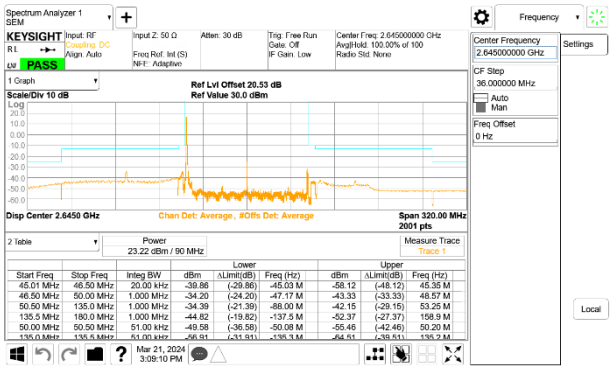
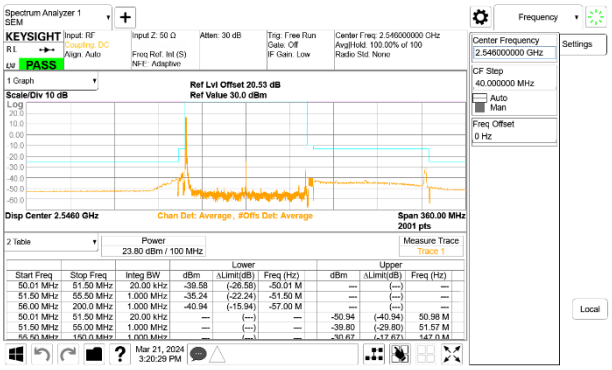


5G NR n41 90MHz BPSK High Channel RB1-0, ID:27966



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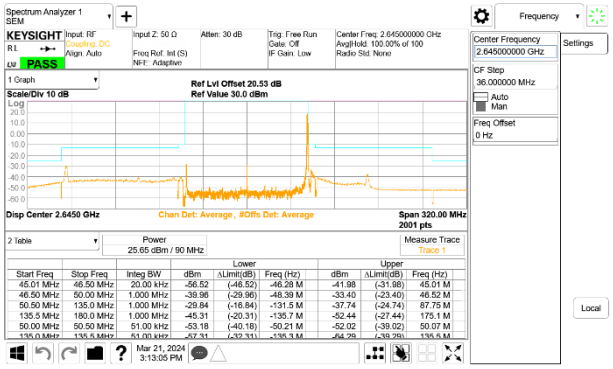

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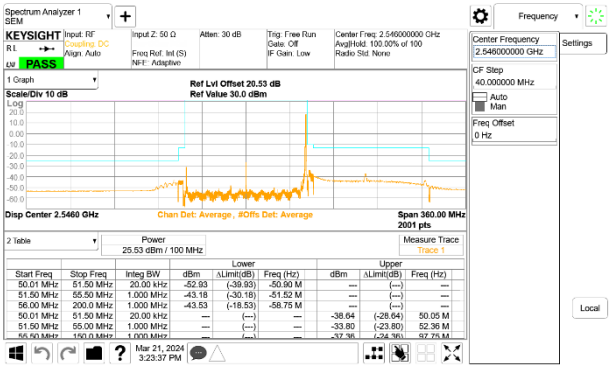

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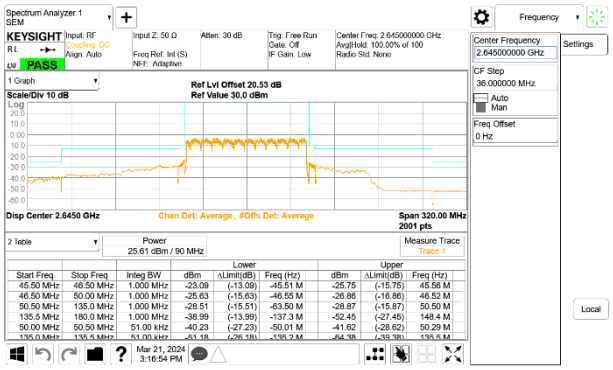

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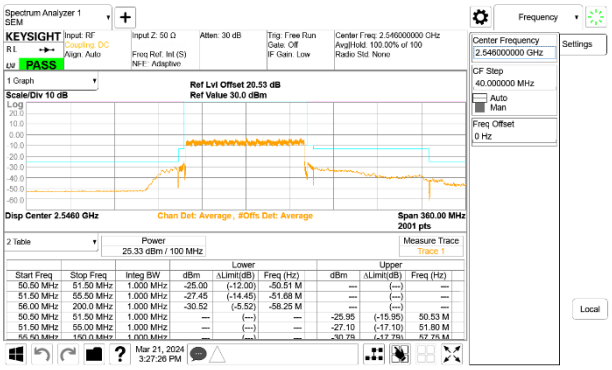

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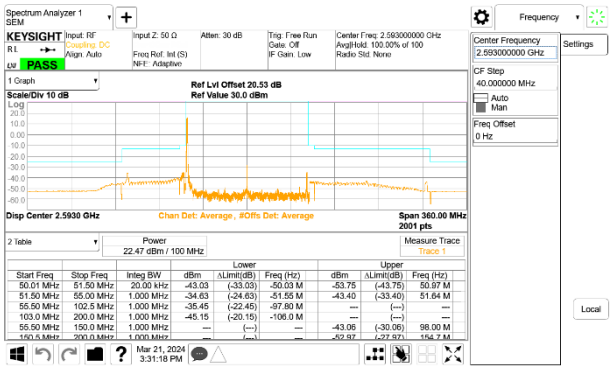

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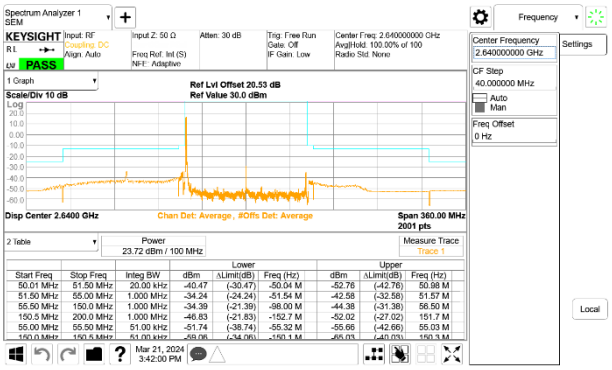

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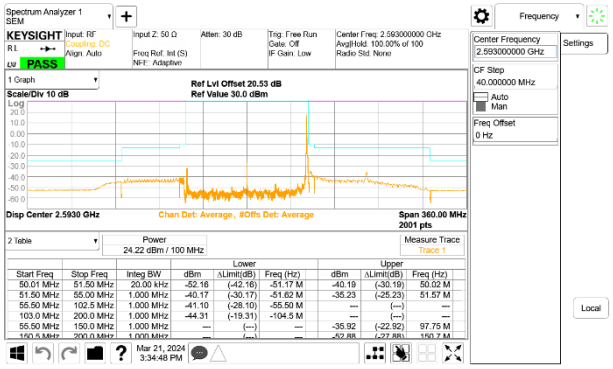

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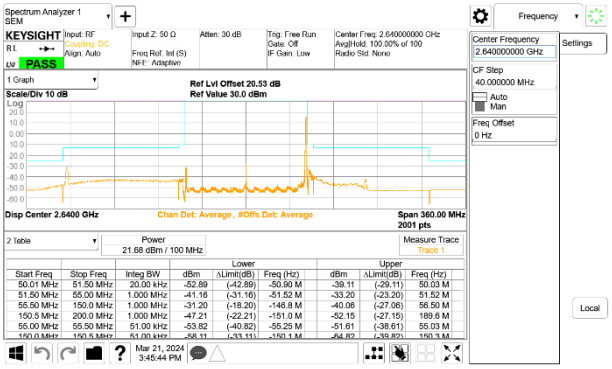

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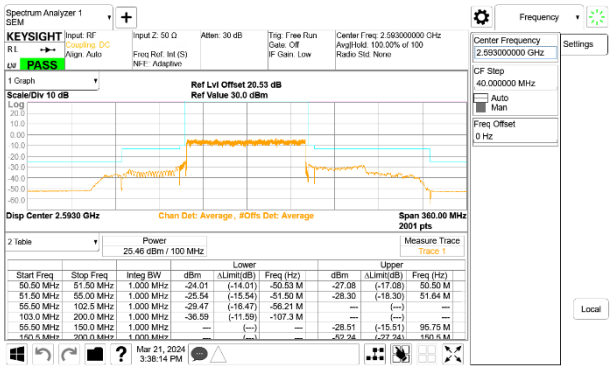

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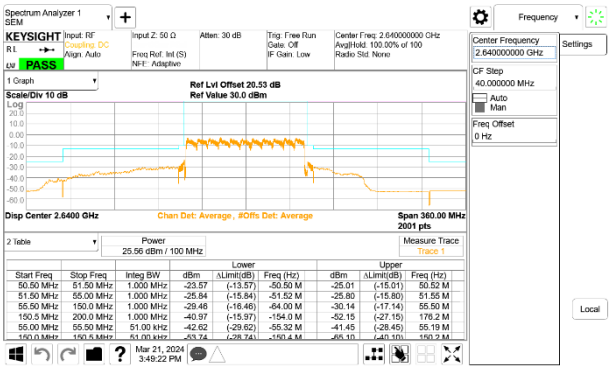

5G NR n41 100MHz BPSK High Channel RB270-0, ID:27966

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9.2.12. LTE BAND 48 AND 5G NR n48

LIMITS

FCC: §96.41
(e) 3.5 GHz Emissions and Interference Limits—
(1) General protection levels
(ii) Except as otherwise specified in paragraph (e)(2) of this section, for channel and frequency assignments made by a CBSD to End User Devices, the conducted power of any End User Device emission outside the fundamental emission (whether in or outside of the authorized band) shall not exceed −13 dBm/MHz within 0 to B megahertz (where B is the bandwidth in megahertz of the assigned channel or multiple contiguous channels of the End User Device) above the upper CBSD-assigned channel edge and within 0 to B megahertz below the lower CBSD-assigned channel edge. At all frequencies greater than B megahertz above the upper CBSD assigned channel edge and less than B megahertz below the lower CBSD-assigned channel edge, the conducted power of any End User Device emission shall not exceed −25 dBm/MHz. Notwithstanding the emission limits in this paragraph, the Adjacent Channel Leakage Ratio for End User Devices shall be at least 30 dB.

(2) Additional protection levels. Notwithstanding paragraph (e)(1) of this section, for CBSDs and End User Devices, the conducted power of emissions below 3540 MHz or above 3710 MHz shall not exceed −25 dBm/MHz, and the conducted power of emissions below 3530 MHz or above 3720 MHz shall not exceed −40dBm/MHz.

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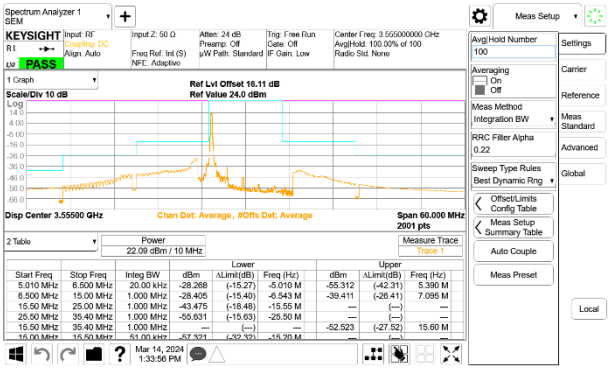
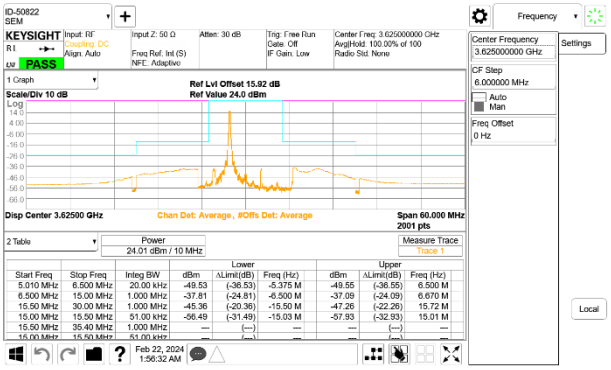
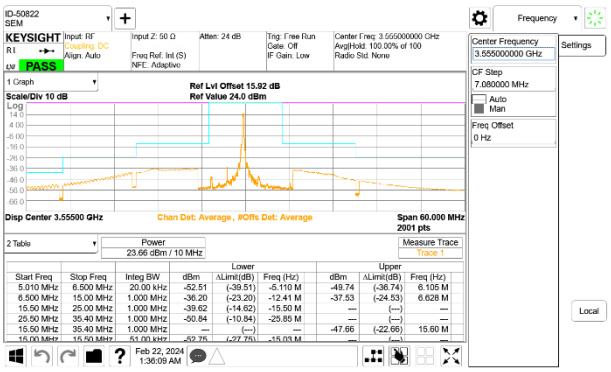
LTE BAND 48 EMISSION MASK (FCC)



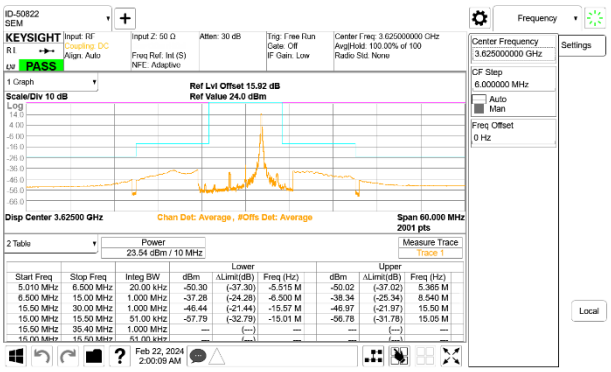
LTE B48 5MHz QPSK Low Channel RB1-0, ID:50822



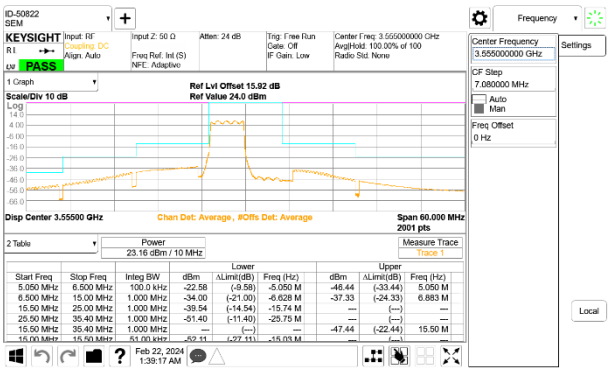
LTE B48 5MHz QPSK Middle Channel RB1-0, ID:50822



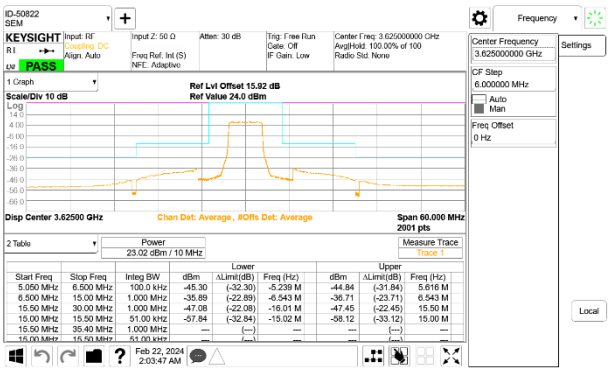
LTE B48 5MHz QPSK Low Channel RB1-24, ID:50822



LTE B48 5MHz QPSK Middle Channel RB1-24, ID:50822



LTE B48 5MHz QPSK Low Channel RB25-0, ID:50822



LTE B48 5MHz QPSK Middle Channel RB25-0, ID:50822

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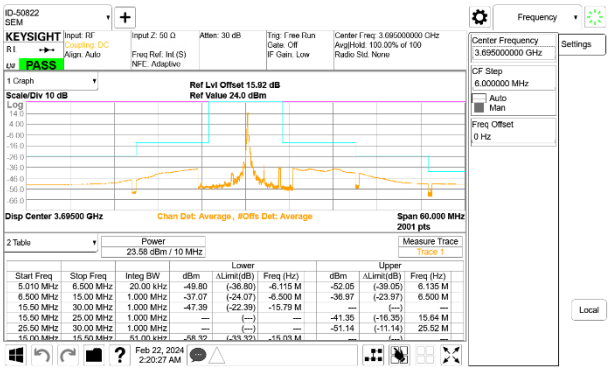
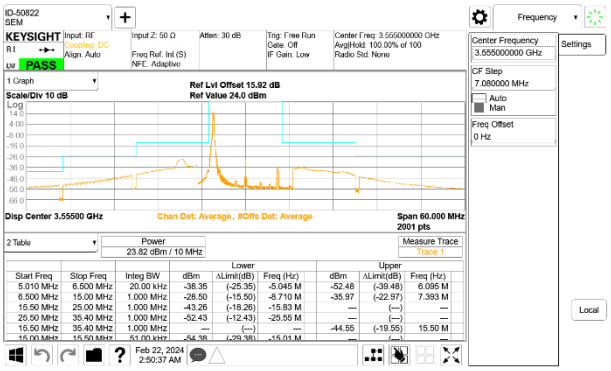
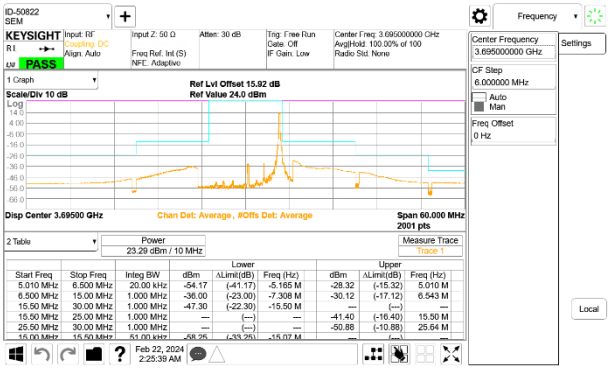


LTE B48 5MHz QPSK High Channel RB1-0, ID:50822



LTE B48 10MHz QPSK Low Channel RB1-0, ID:50822



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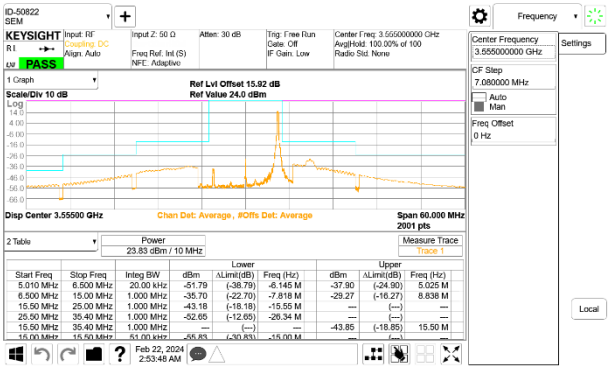
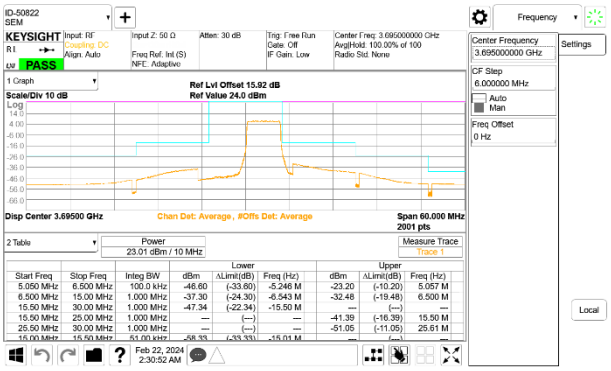


LTE B48 10MHz QPSK Low Channel RB1-49, ID:50822



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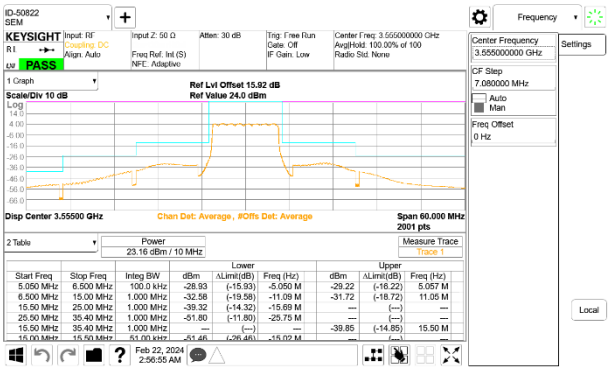

LTE B48 10MHz QPSK Low Channel RB50-0, ID:50822

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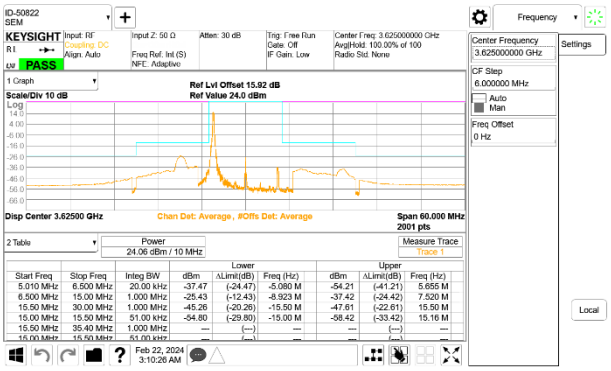
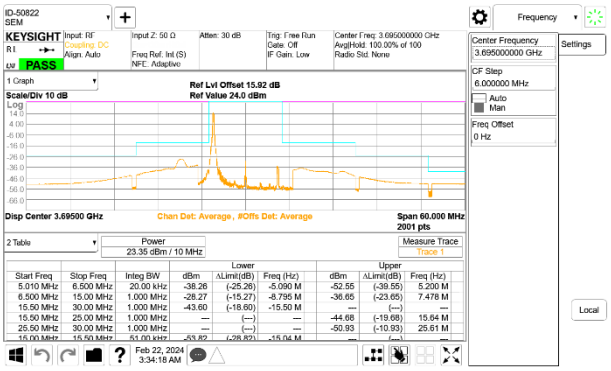


LTE B48 10MHz QPSK Middle Channel RB1-0, ID:50822



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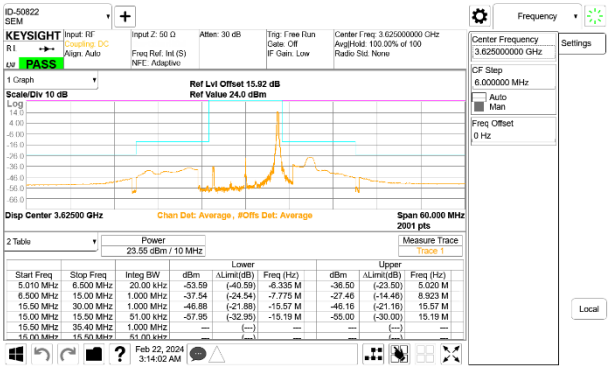
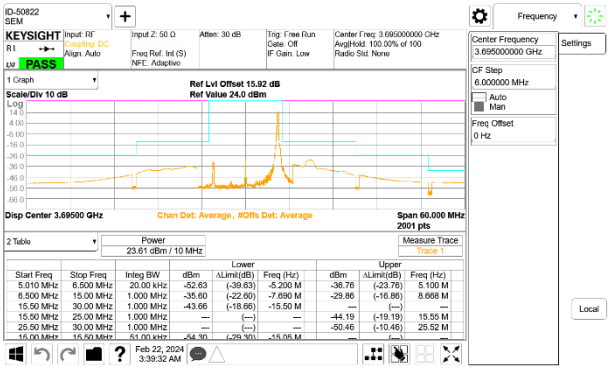
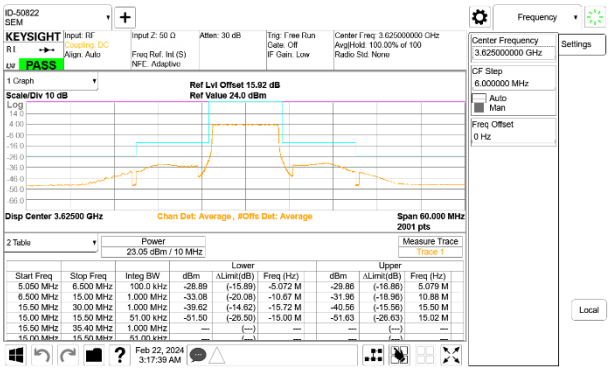


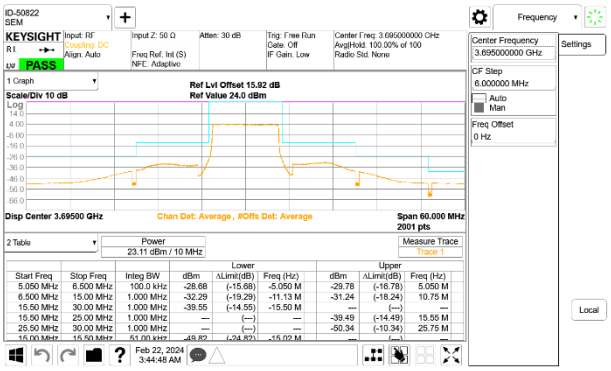
LTE B48 10MHz QPSK Middle Channel RB1-49, ID:50822



LTE B48 10MHz QPSK High Channel RB1-49, ID:50822



LTE B48 10MHz QPSK Middle Channel RB50-0, ID:50822



LTE B48 10MHz QPSK High Channel RB50-0, ID:50822

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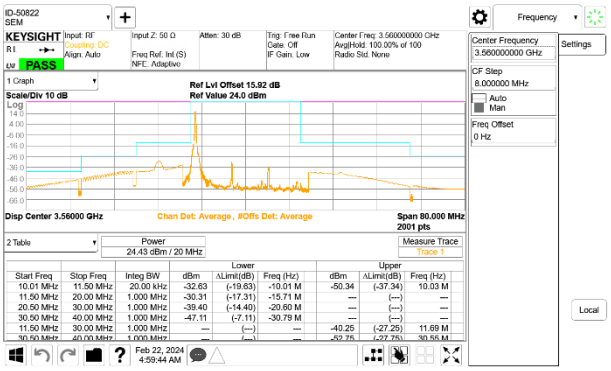
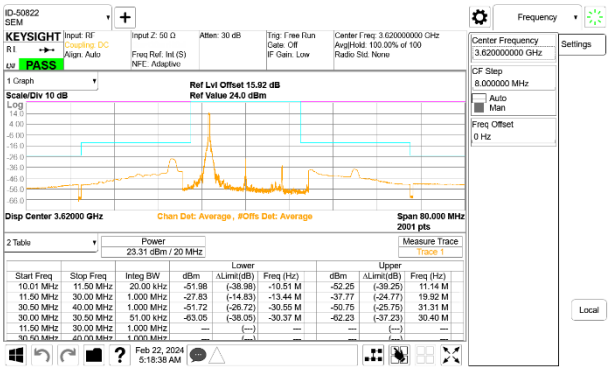
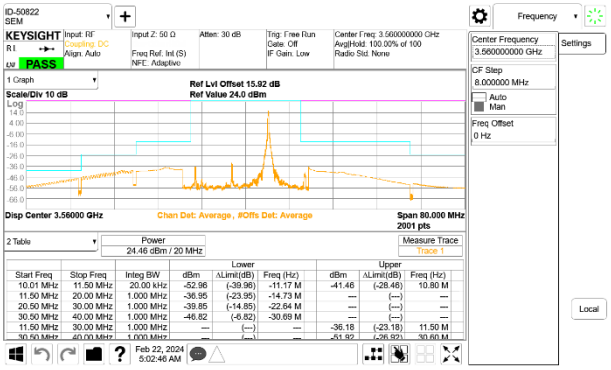


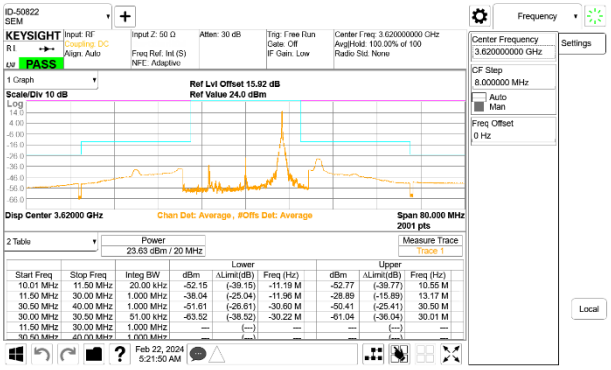
LTE B48 15MHz QPSK Low Channel RB1-0, ID:50822



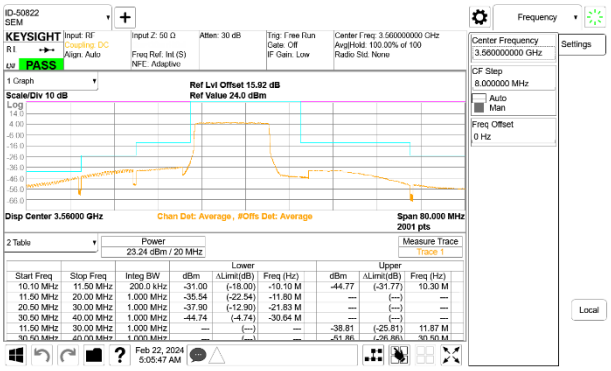
LTE B48 15MHz QPSK Middle Channel RB1-0, ID:50822



LTE B48 15MHz QPSK Low Channel RB1-74, ID:50822



LTE B48 15MHz QPSK Middle Channel RB1-74, ID:50822



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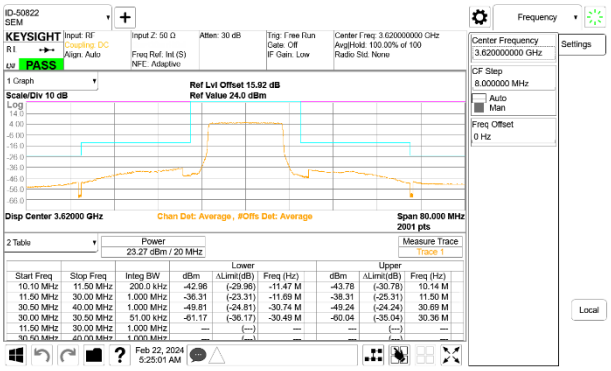

LTE B48 15MHz QPSK Middle Channel RB75-0, ID:50822

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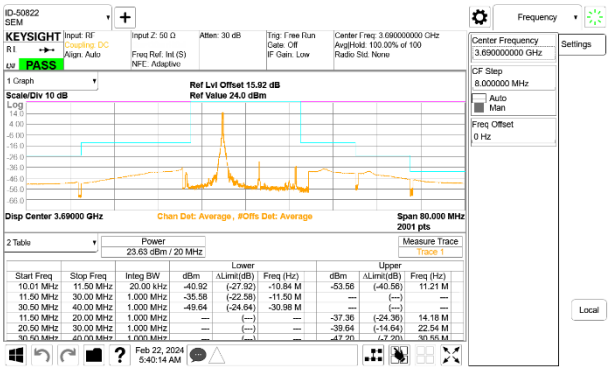
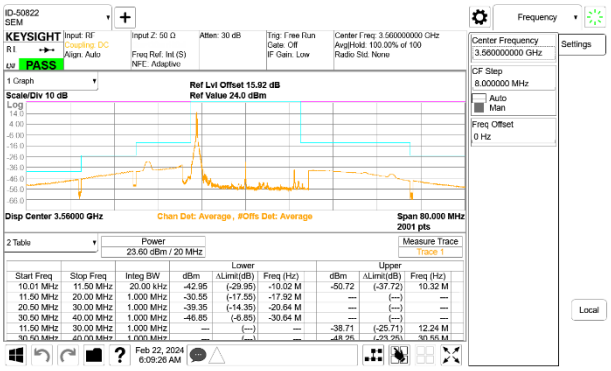
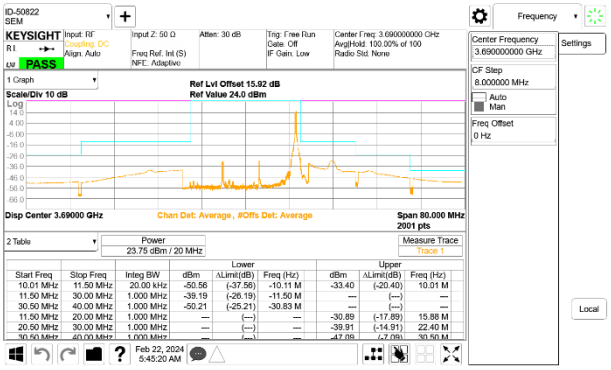


LTE B48 15MHz QPSK High Channel RB1-0, ID:50822



LTE B48 20MHz QPSK Low Channel RB1-0, ID:50822



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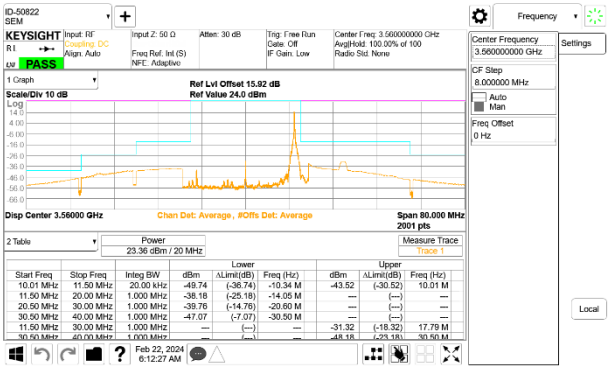

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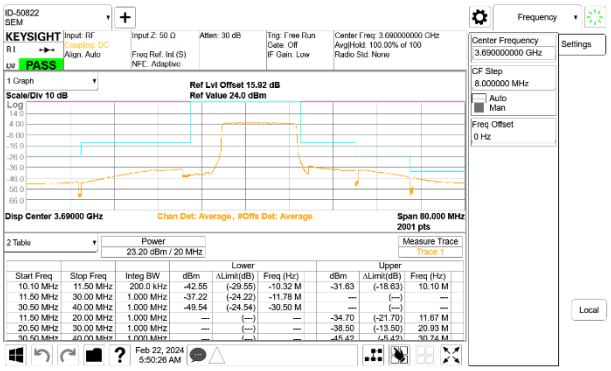

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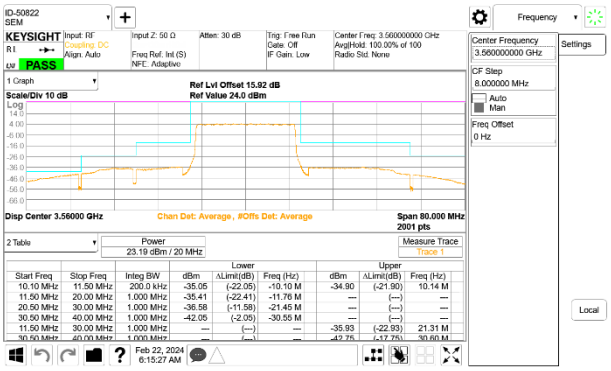

LTE B48 20MHz QPSK Low Channel RB100-0, ID:50822

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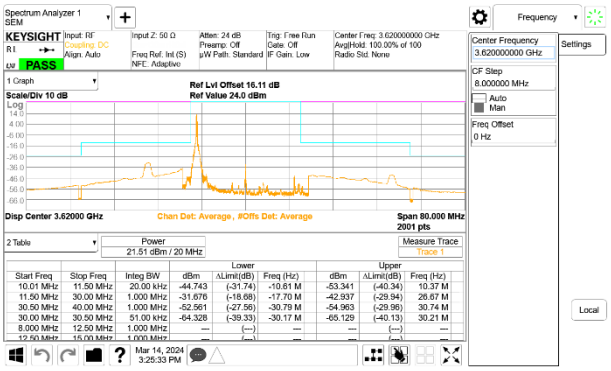
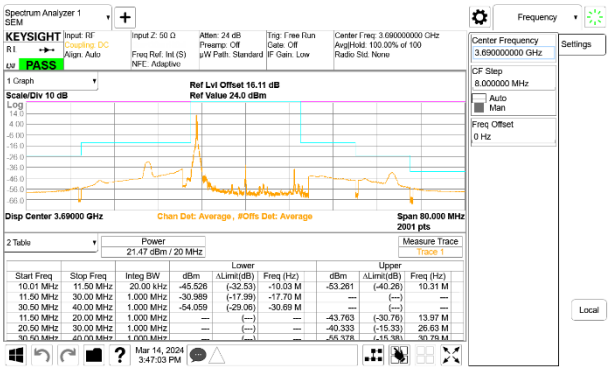
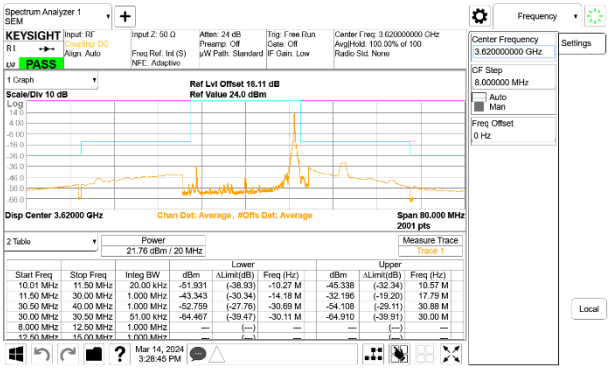


LTE B48 20MHz QPSK Middle Channel RB1-0, ID:50822



LTE B48 20MHz QPSK High Channel RB1-0, ID:50822



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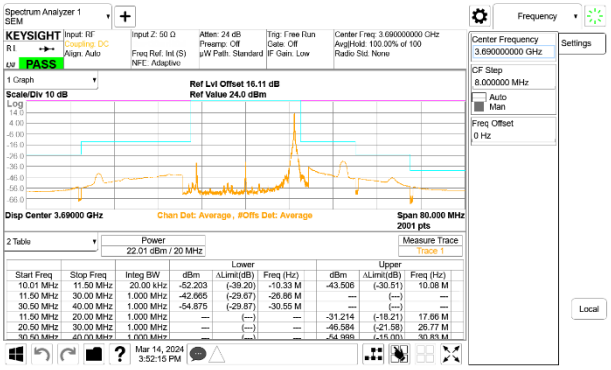

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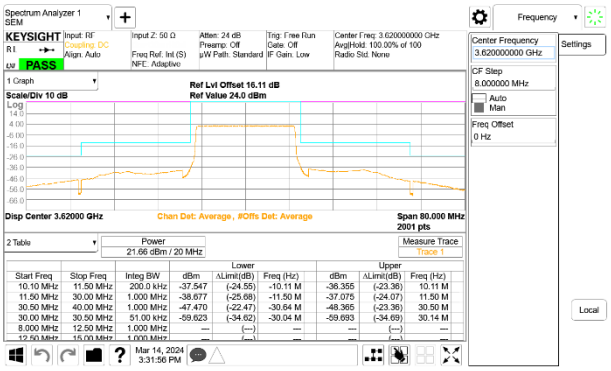
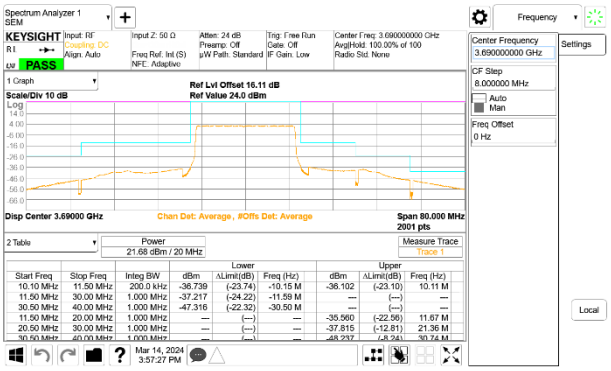


LTE B48 20MHz QPSK Middle Channel RB100-0, ID:50822



LTE B48 20MHz QPSK High Channel RB100-0, ID:50822

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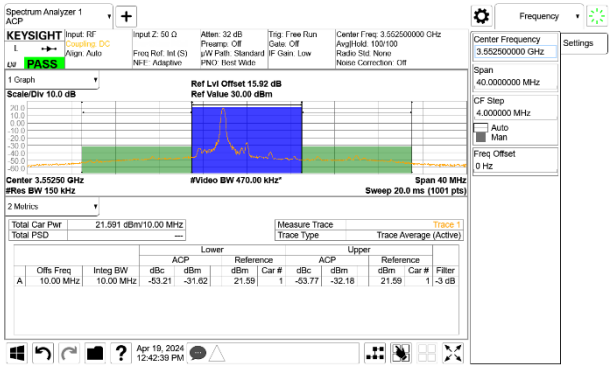
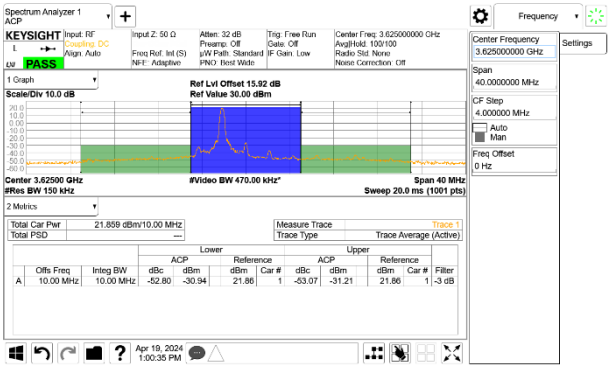
LTE BAND 48 ADJACENT CHANNEL POWER



LTE B48 5MHz QPSK Low Channel RB1-0, ID:39005



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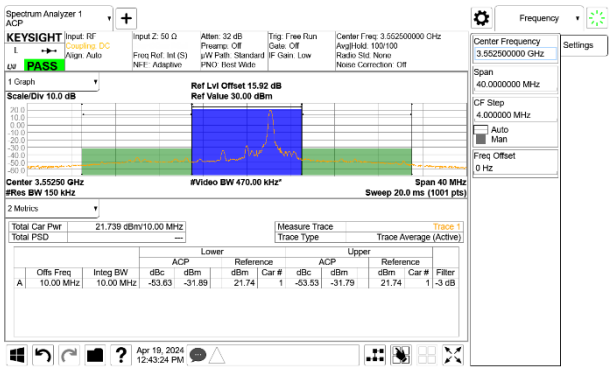
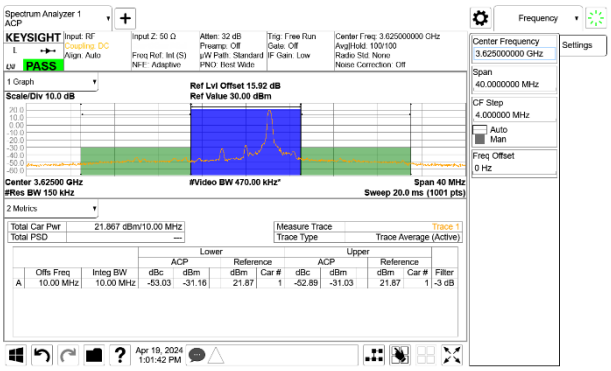


LTE B48 5MHz QPSK Low Channel RB1-24, ID:39005



LTE B48 5MHz QPSK Middle Channel RB1-24, ID:39005

LTE B48 5MHz QPSK Low Channel RB25-0, ID:39005

LTE B48 5MHz QPSK Middle Channel RB25-0, ID:39005

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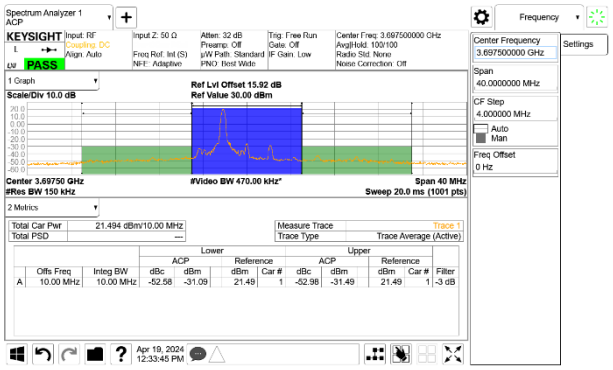

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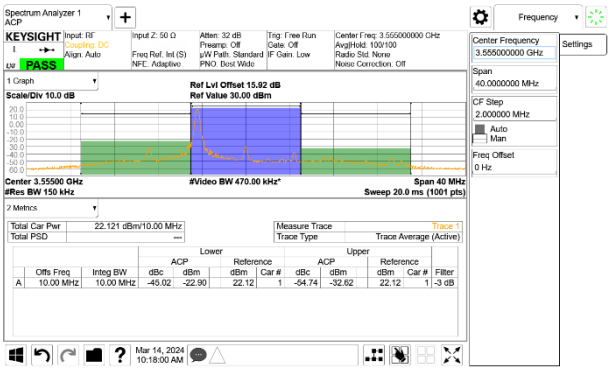
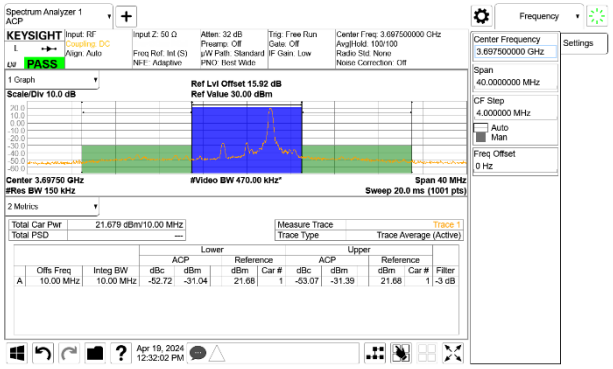


LTE B48 10MHz QPSK Low Channel RB1-0, ID:39005



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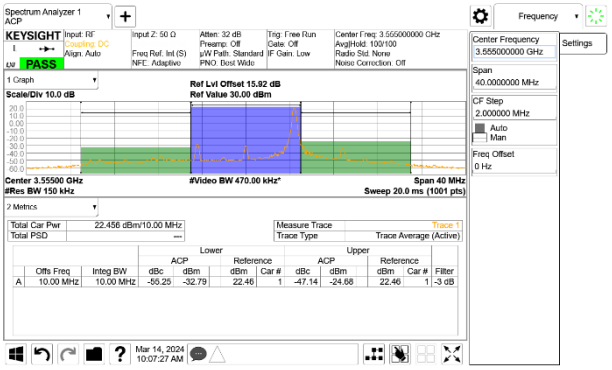
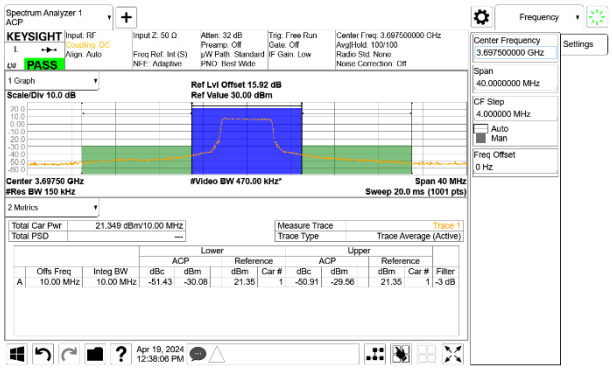


LTE B48 10MHz QPSK Low Channel RB1-49, ID:39005



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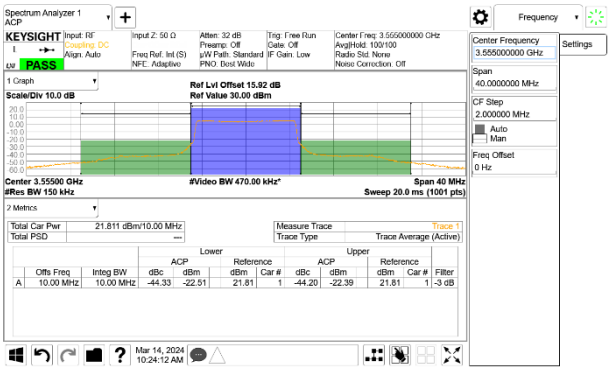

LTE B48 10MHz QPSK Low Channel RB50-0, ID:39005

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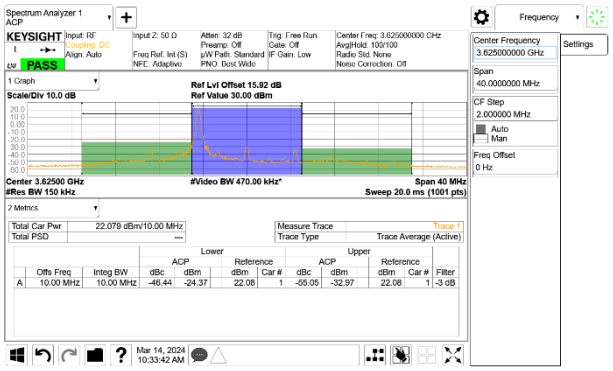
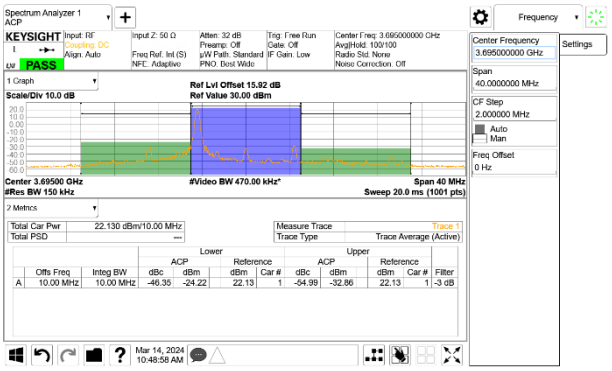
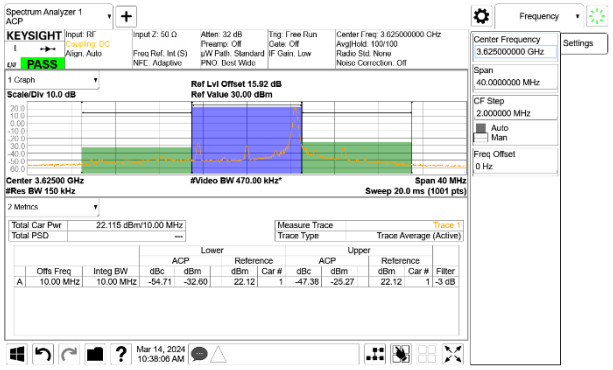


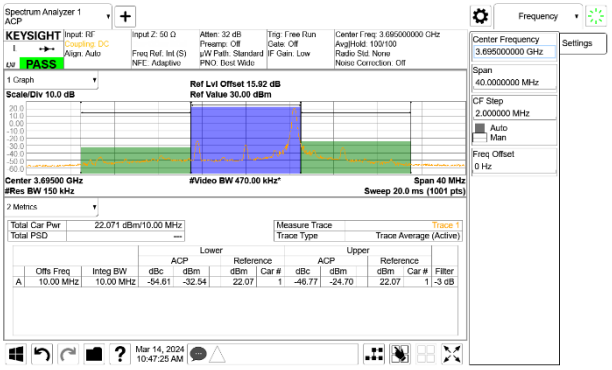
LTE B48 10MHz QPSK Middle Channel RB1-0, ID:39005



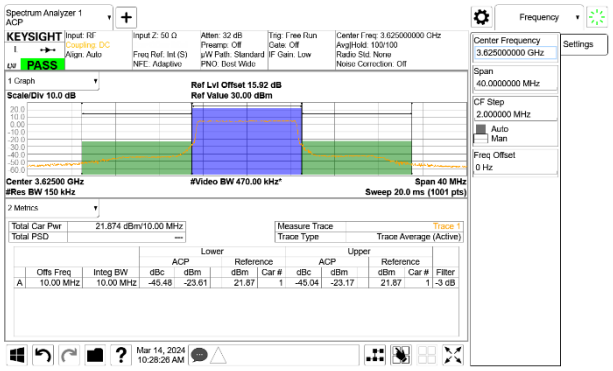
LTE B48 10MHz QPSK High Channel RB1-0, ID:39005



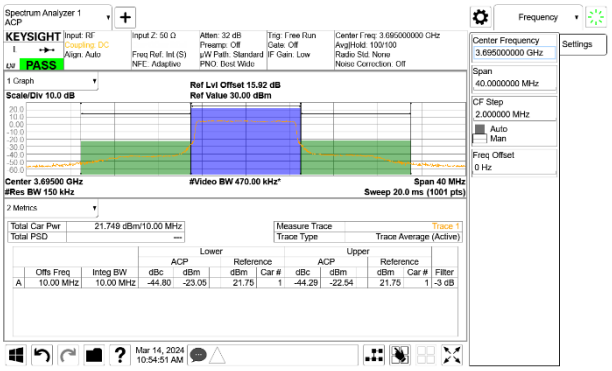
LTE B48 10MHz QPSK Middle Channel RB1-49, ID:39005



LTE B48 10MHz QPSK High Channel RB1-49, ID:39005



LTE B48 10MHz QPSK Middle Channel RB50-0, ID:39005



LTE B48 10MHz QPSK High Channel RB50-0, ID:39005

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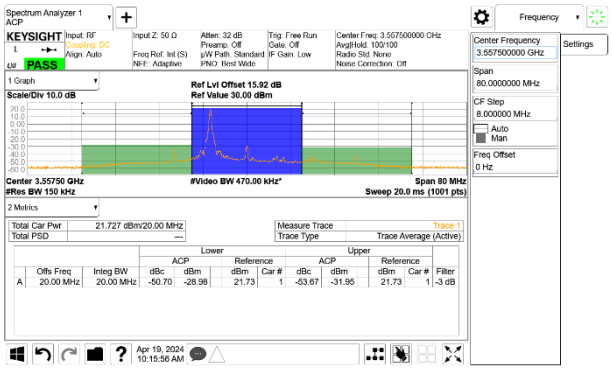
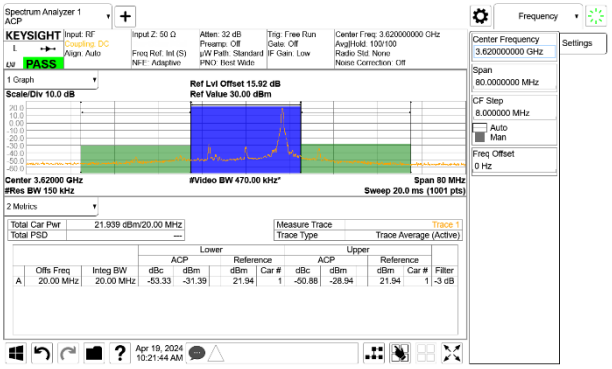


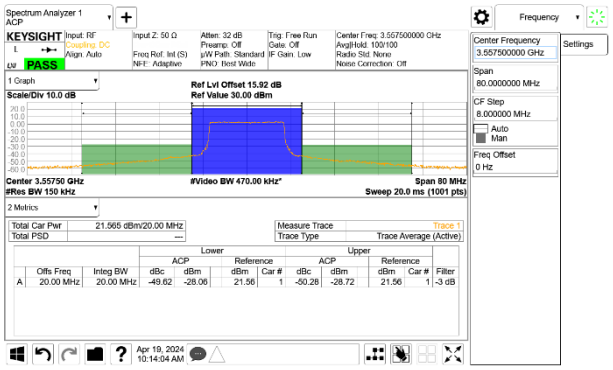
LTE B48 15MHz QPSK Low Channel RB1-0, ID:39005

LTE B48 15MHz QPSK Middle Channel RB1-0, ID:39005

LTE B48 15MHz QPSK Low Channel RB1-74, ID:39005



LTE B48 15MHz QPSK Middle Channel RB1-74, ID:39005



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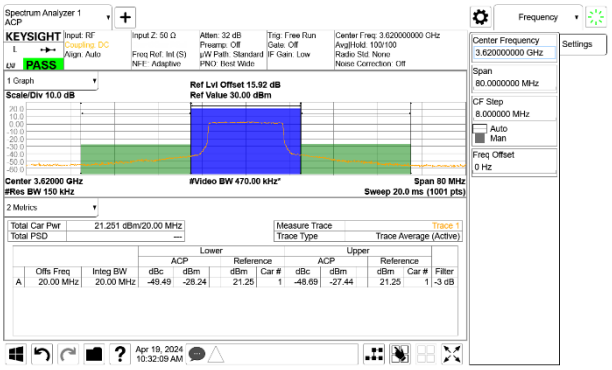

LTE B48 15MHz QPSK Middle Channel RB75-0, ID:39005

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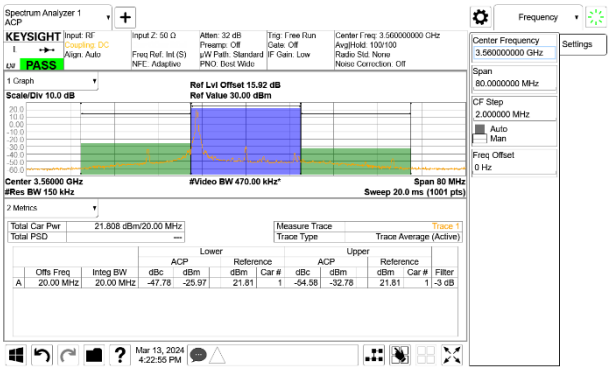
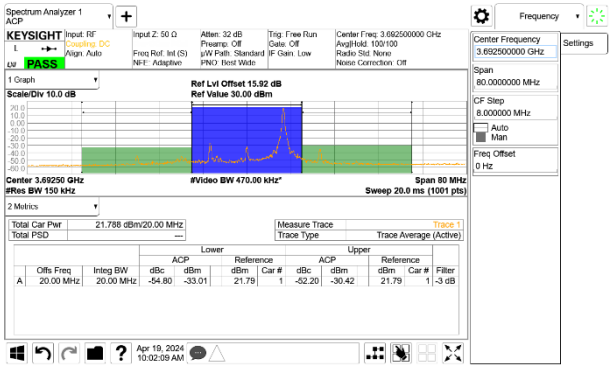
LTE B48 15MHz QPSK High Channel RB1-0, ID:39005



LTE B48 20MHz QPSK Low Channel RB1-0, ID:39005



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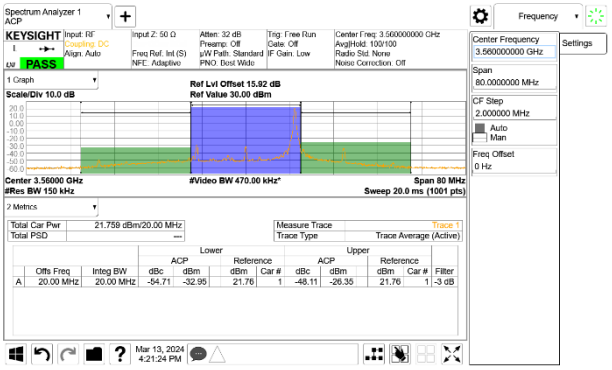

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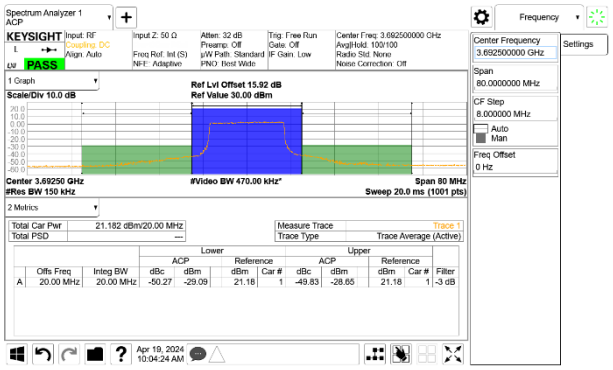

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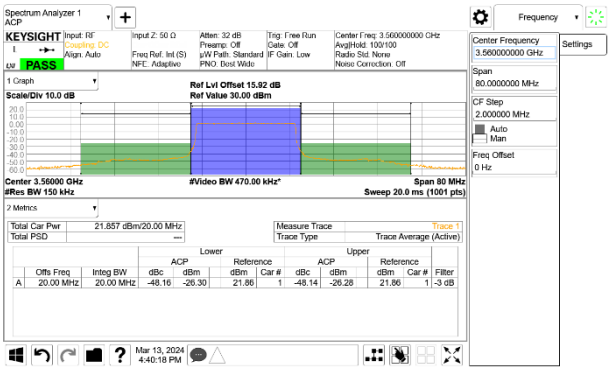

LTE B48 20MHz QPSK Low Channel RB100-0, ID:39005

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