

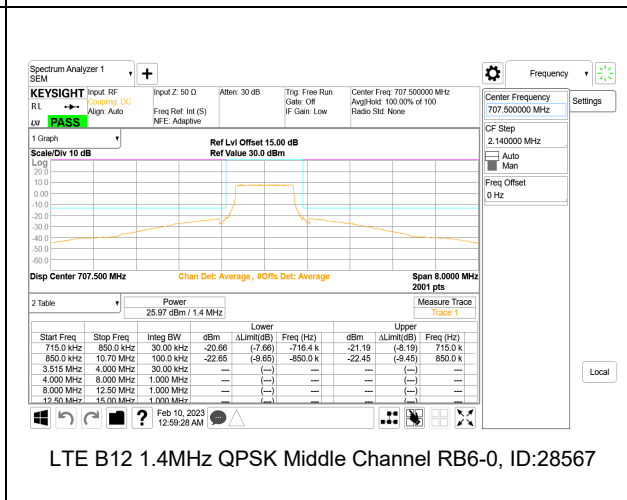
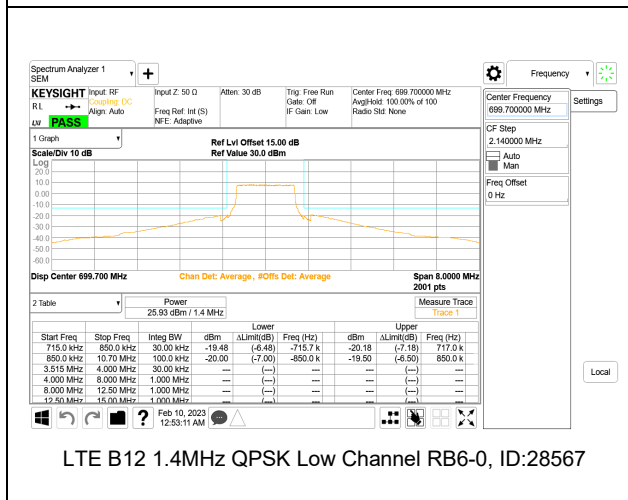
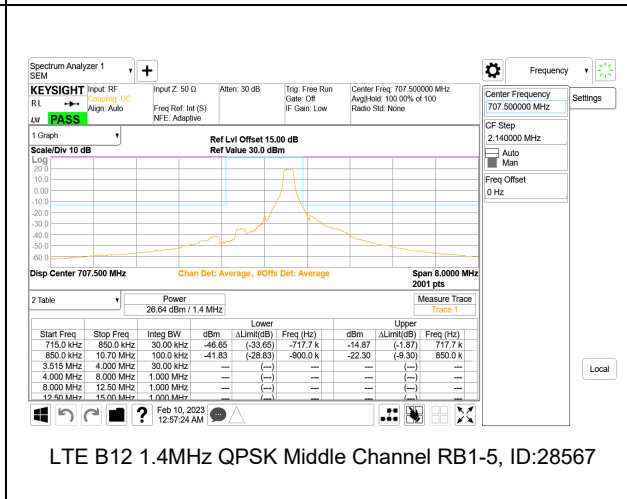
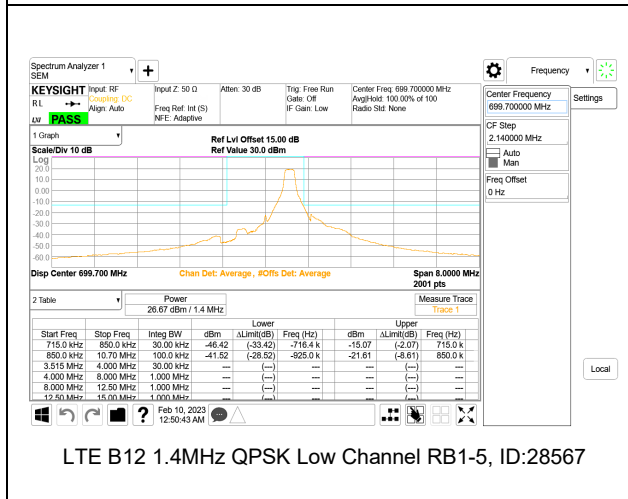
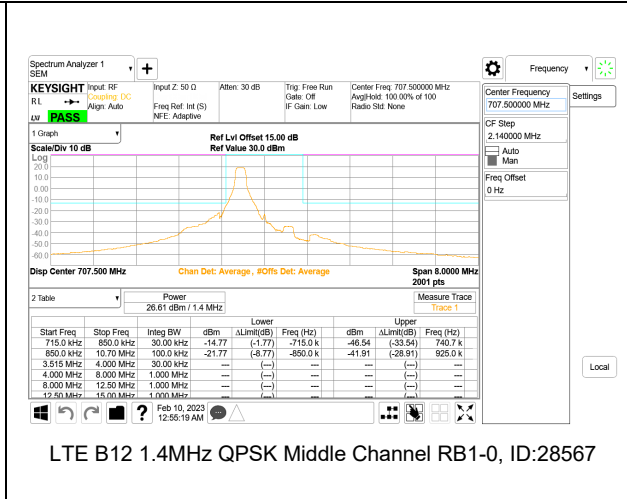
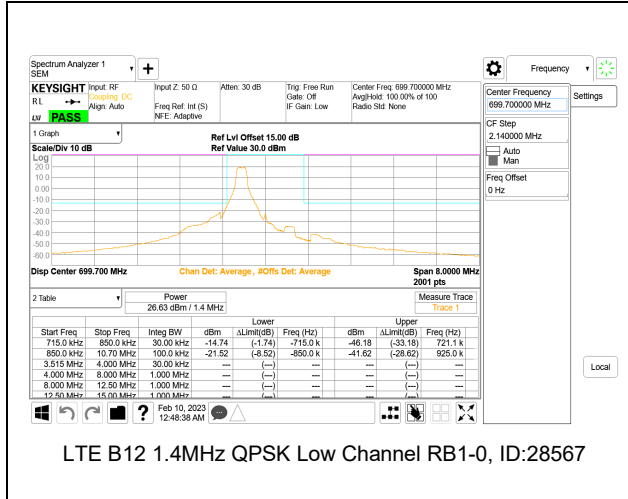
9.2.2. LTE BAND 12 AND 5G NR n12

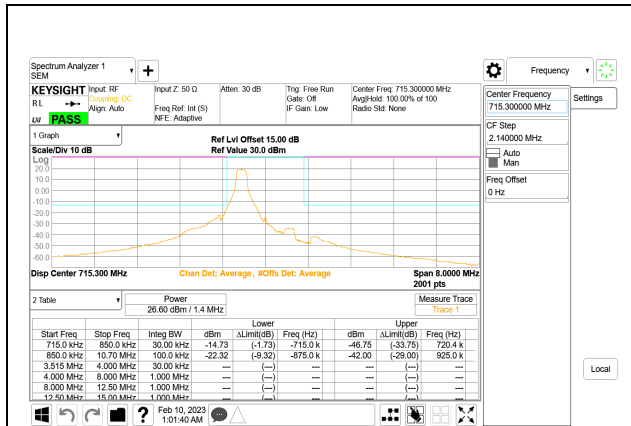
LIMITS

FCC: §27.53

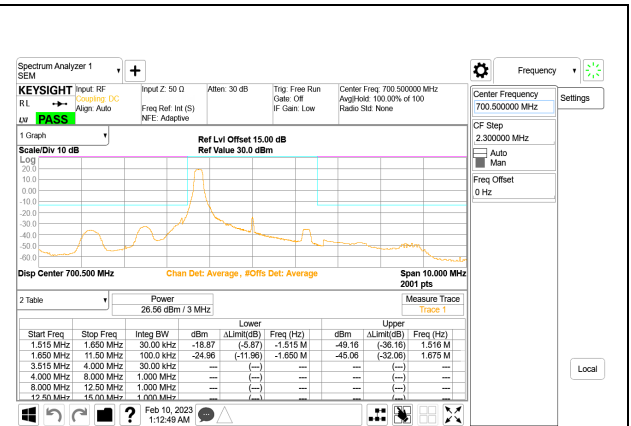
(g) For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log (P)$ dB. Compliance 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.

LTE BAND 12 EMISSION MASK

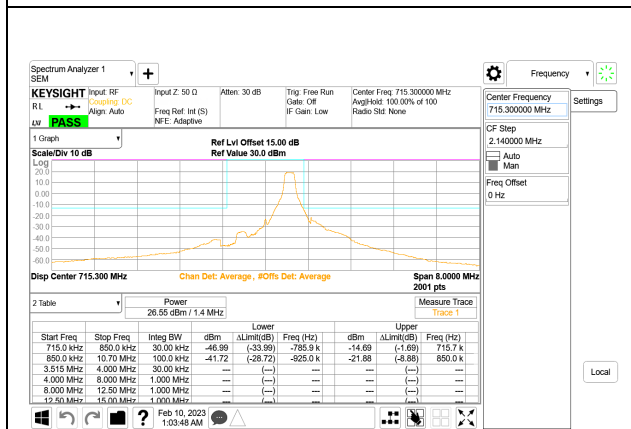




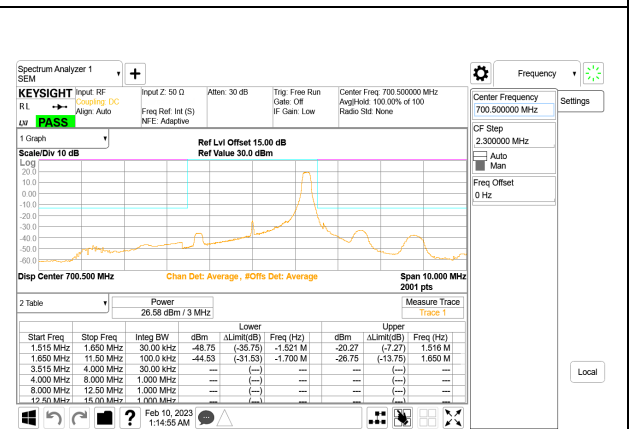
LTE B12 1.4MHz QPSK High Channel RB1-0, ID:28567



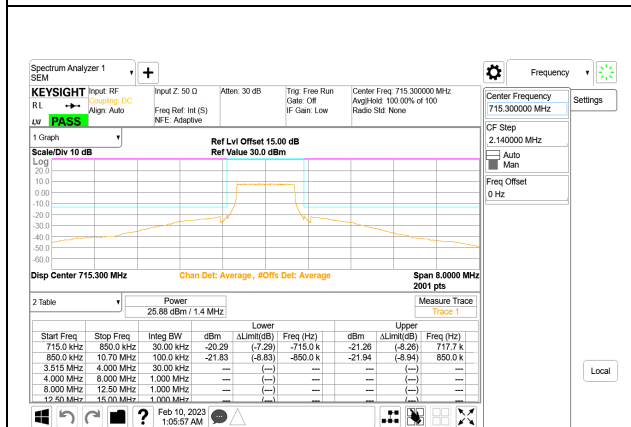
LTE B12 3MHz QPSK Low Channel RB1-0, ID:28567



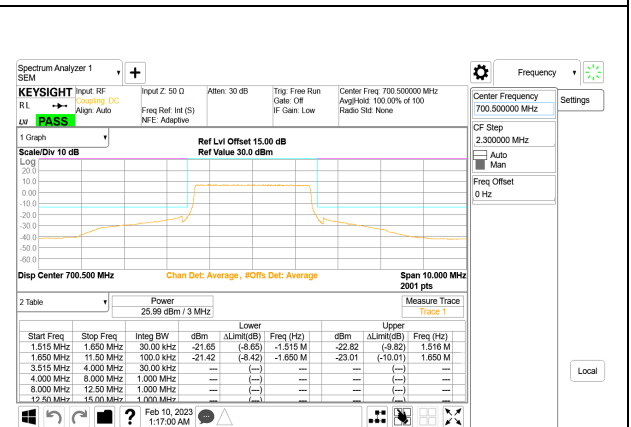
LTE B12 1.4MHz QPSK High Channel RB1-5, ID:28567



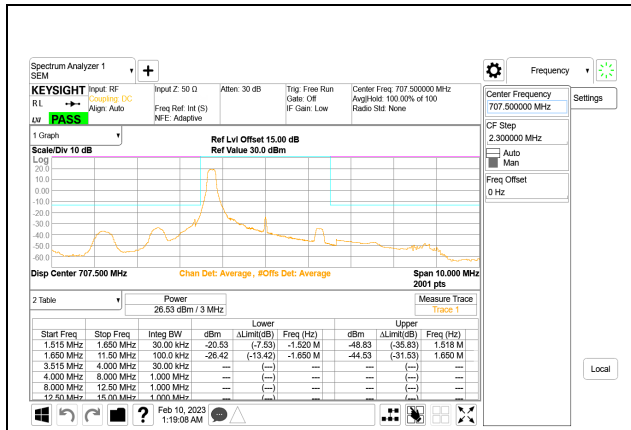
LTE B12 3MHz QPSK Low Channel RB1-14, ID:28567



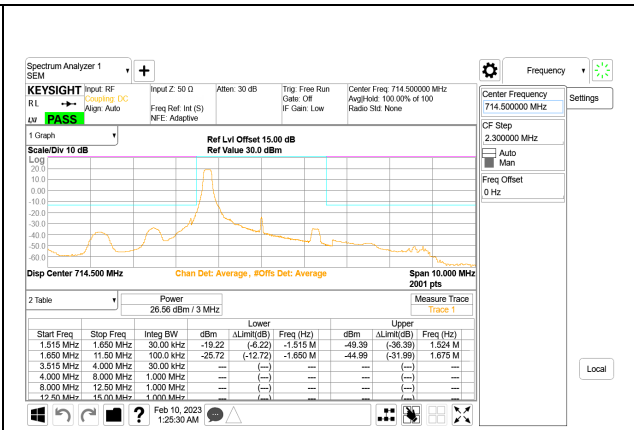
LTE B12 1.4MHz QPSK High Channel RB6-0, ID:28567



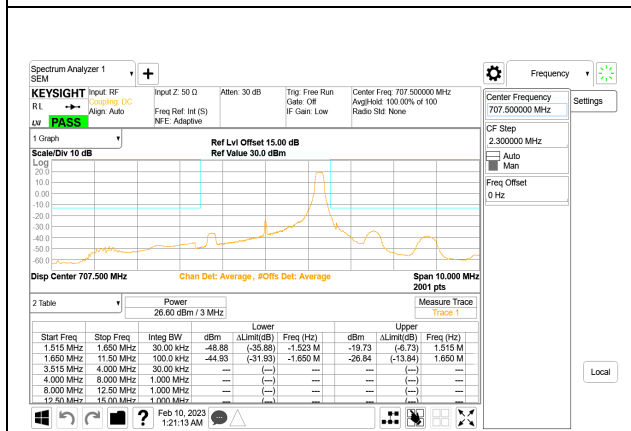
LTE B12 3MHz QPSK Low Channel RB15-0, ID:28567



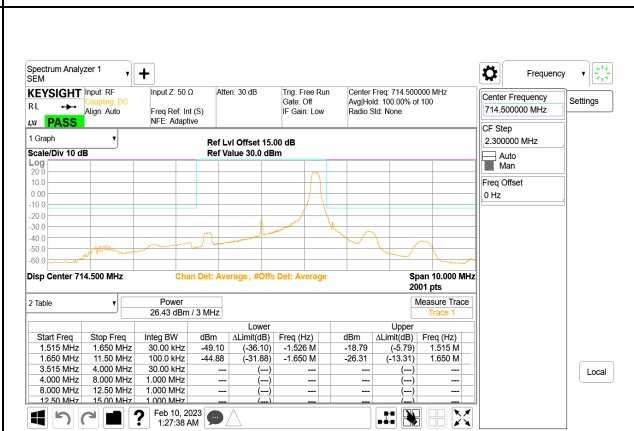
LTE B12 3MHz QPSK Middle Channel RB1-0, ID:28567



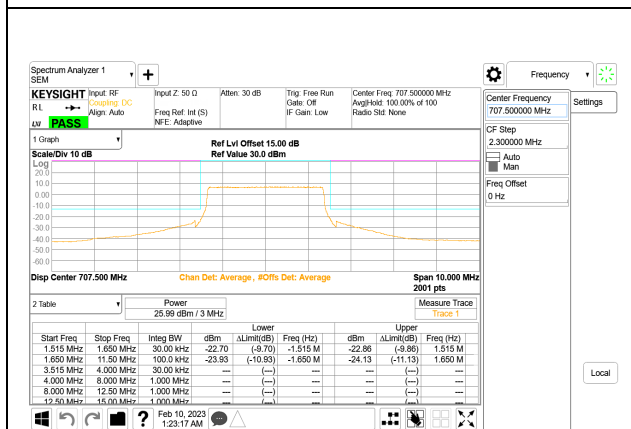
LTE B12 3MHz QPSK High Channel RB1-0, ID:28567



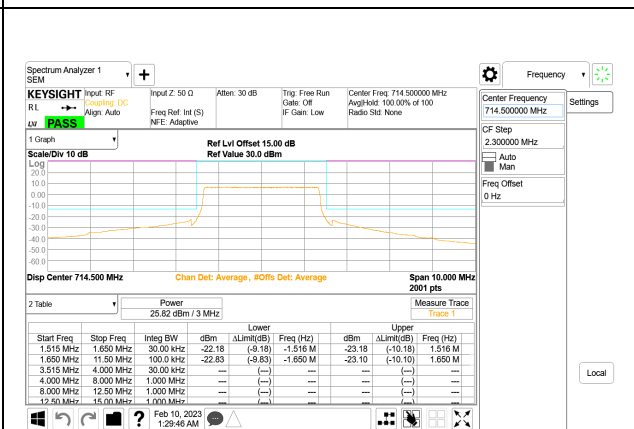
LTE B12 3MHz QPSK Middle Channel RB1-14, ID:28567



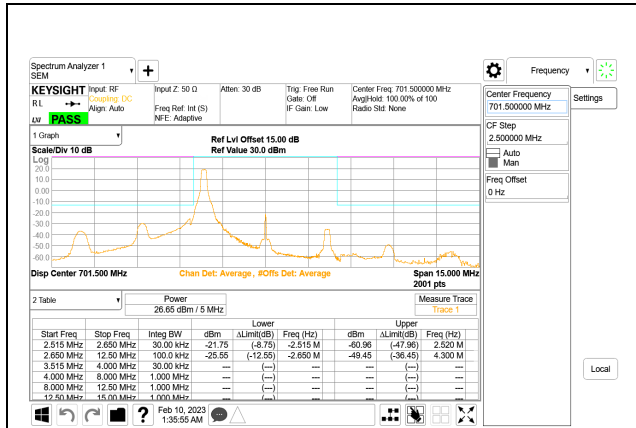
LTE B12 3MHz QPSK High Channel RB1-14, ID:28567



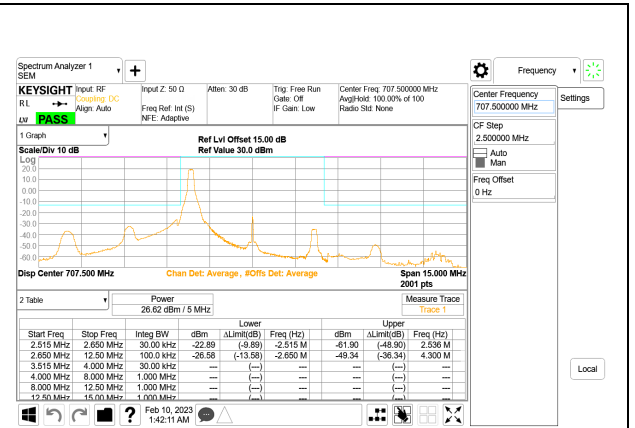
LTE B12 3MHz QPSK Middle Channel RB15-0, ID:28567



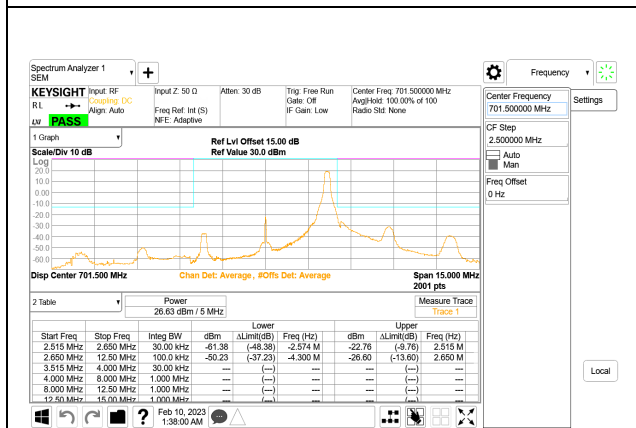
LTE B12 3MHz QPSK High Channel RB15-0, ID:28567



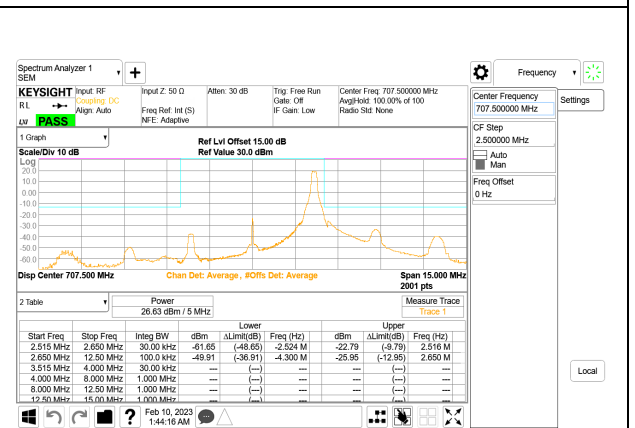
LTE B12 5MHz QPSK Low Channel RB1-0, ID:28567



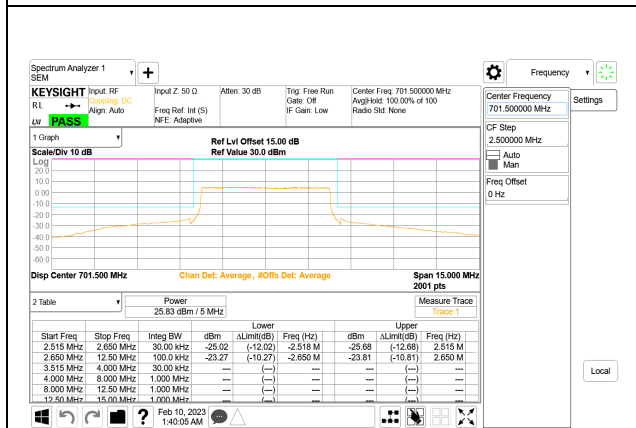
LTE B12 5MHz QPSK Middle Channel RB1-0, ID:28567



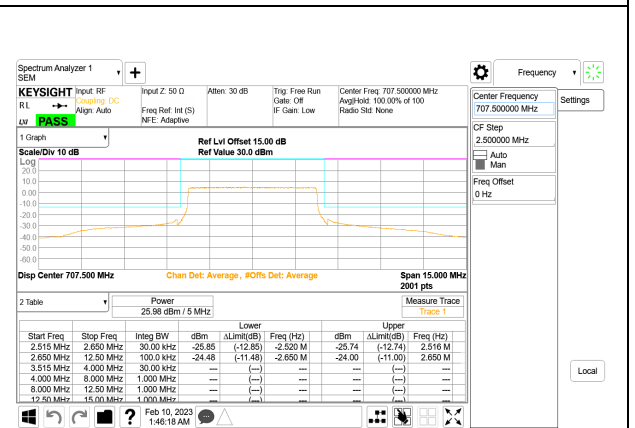
LTE B12 5MHz QPSK Low Channel RB1-24, ID:28567



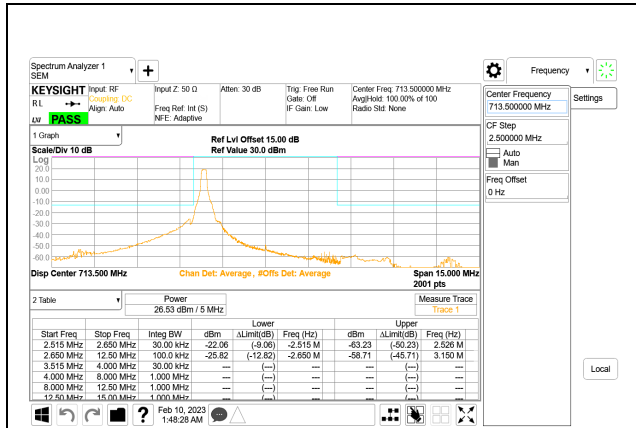
LTE B12 5MHz QPSK Middle Channel RB1-24, ID:28567



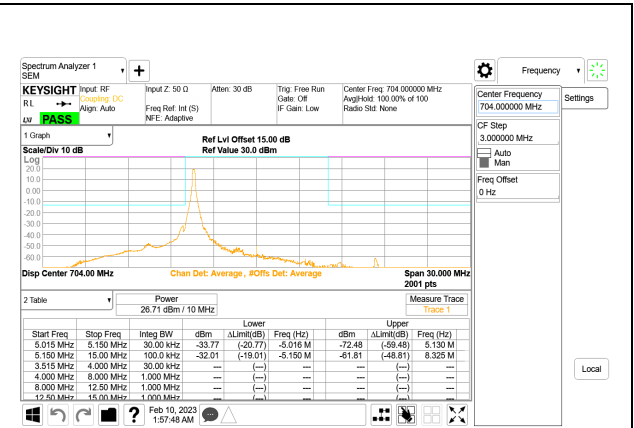
LTE B12 5MHz QPSK Low Channel RB25-0, ID:28567



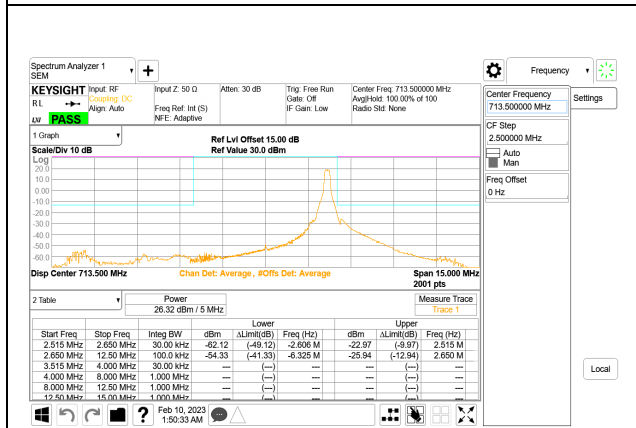
LTE B12 5MHz QPSK Middle Channel RB25-0, ID:28567



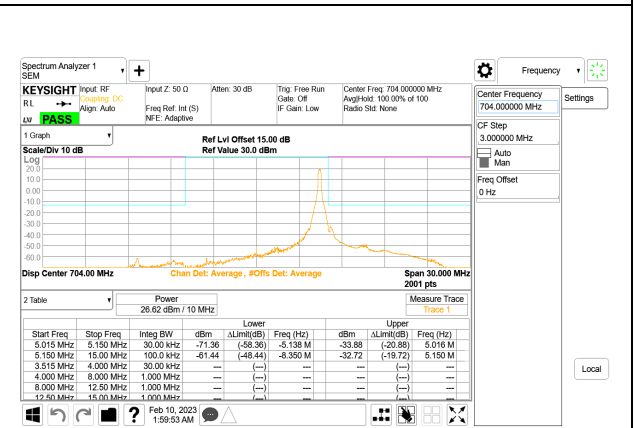
LTE B12 5MHz QPSK High Channel RB1-0, ID:28567



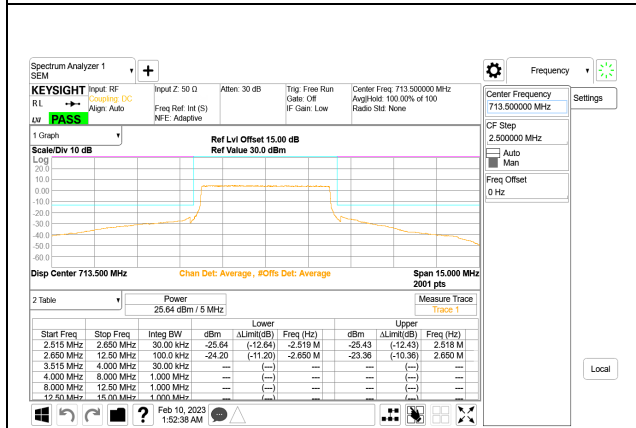
LTE B12 10MHz QPSK Low Channel RB1-0, ID:28567



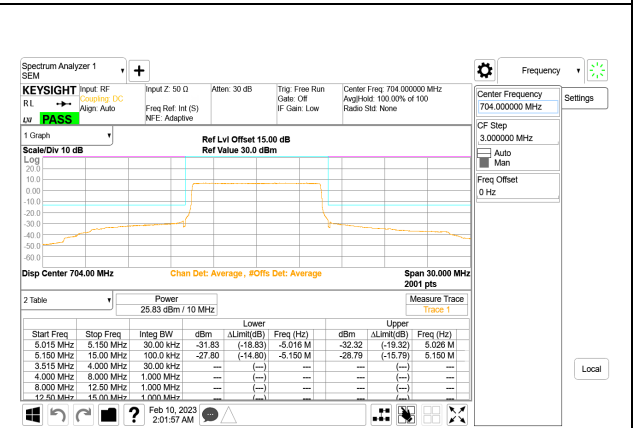
LTE B12 5MHz QPSK High Channel RB1-24, ID:28567



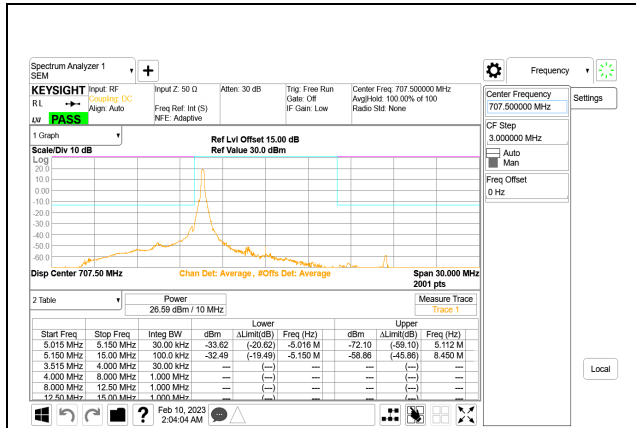
LTE B12 10MHz QPSK Low Channel RB1-49, ID:28567



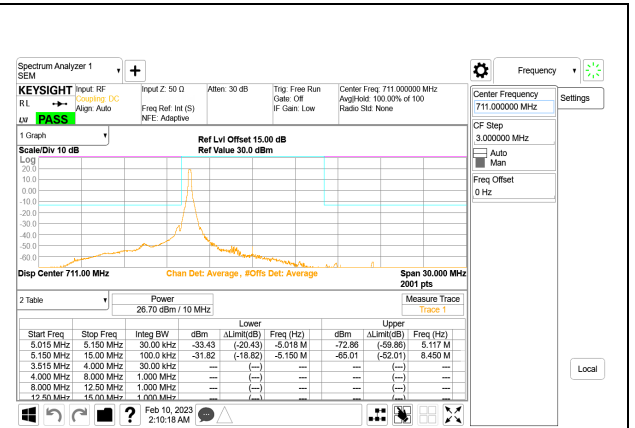
LTE B12 5MHz QPSK High Channel RB25-0, ID:28567



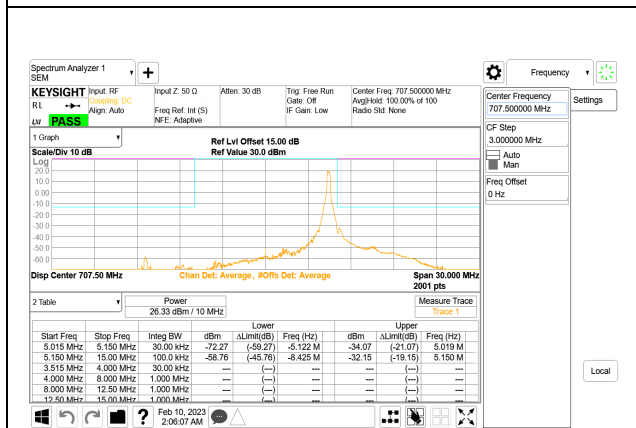
LTE B12 10MHz QPSK Low Channel RB50-0, ID:28567



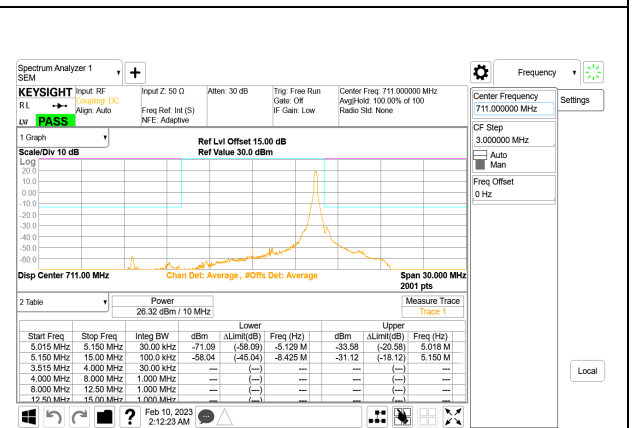
LTE B12 10MHz QPSK Middle Channel RB1-0, ID:28567



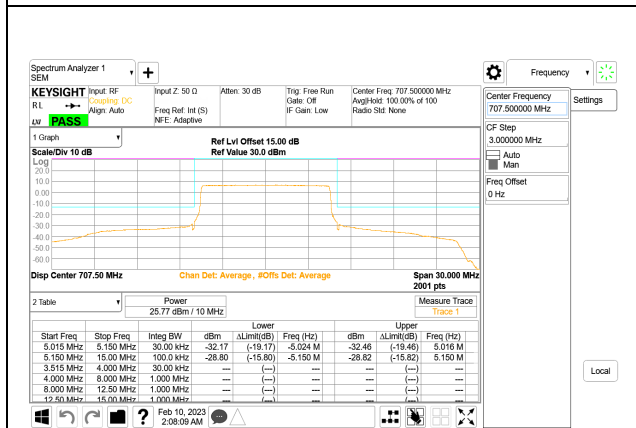
LTE B12 10MHz QPSK High Channel RB1-0, ID:28567



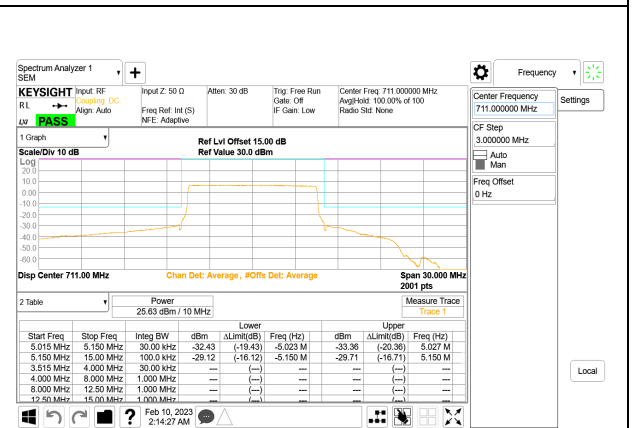
LTE B12 10MHz QPSK Middle Channel RB1-49, ID:28567



LTE B12 10MHz QPSK High Channel RB1-49, ID:28567

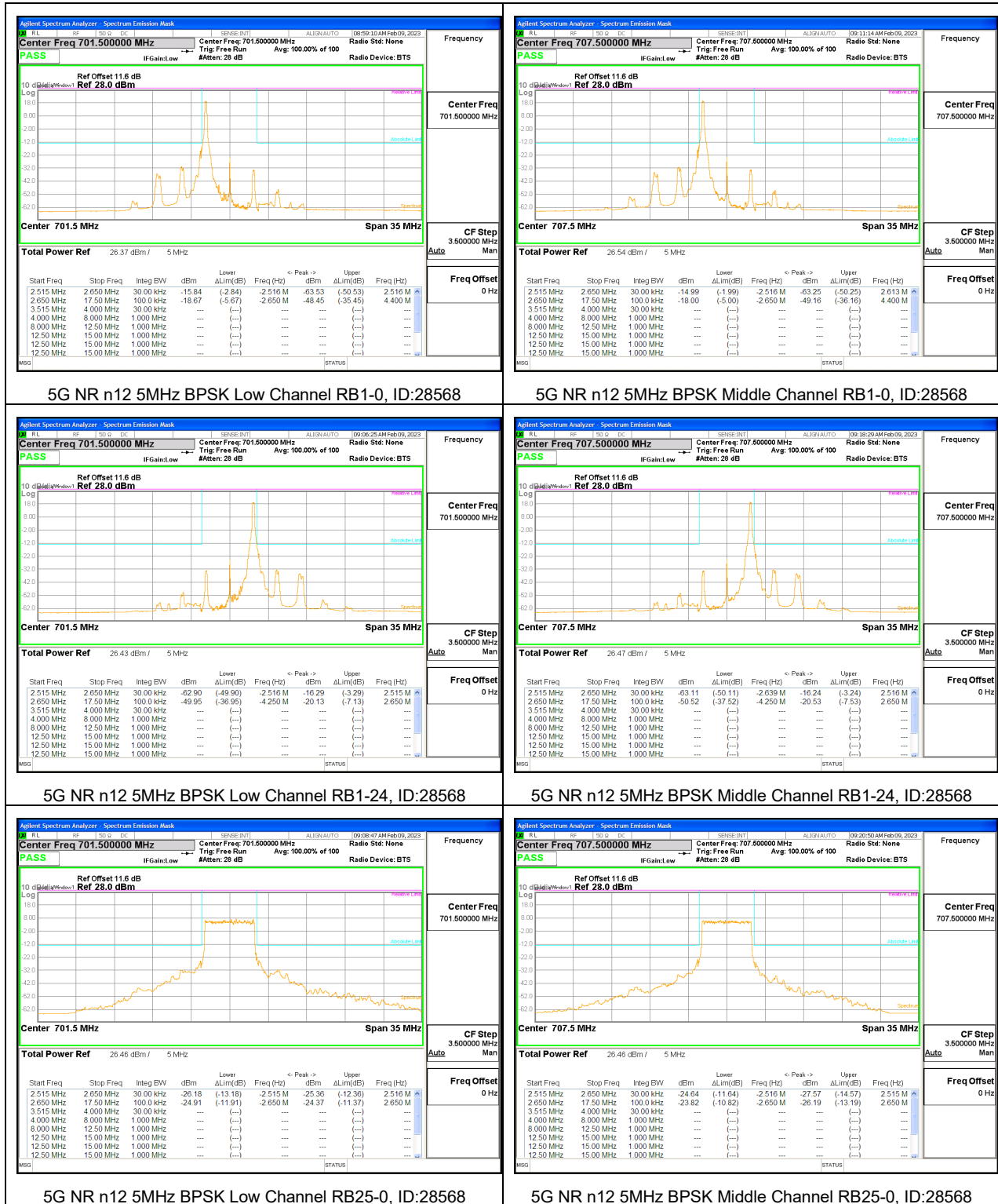


LTE B12 10MHz QPSK Middle Channel RB50-0, ID:28567



LTE B12 10MHz QPSK High Channel RB50-0, ID:28567

5G NR n12 EMISSION MASK



5G NR n12 5MHz BPSK Low Channel RB1-0, ID:28568

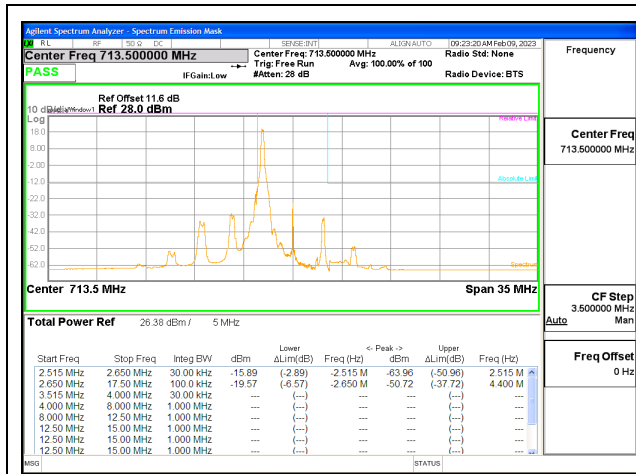
5G NR n12 5MHz BPSK Middle Channel RB1-0, ID:28568

5G NR n12 5MHz BPSK Low Channel RB1-24, ID:28568

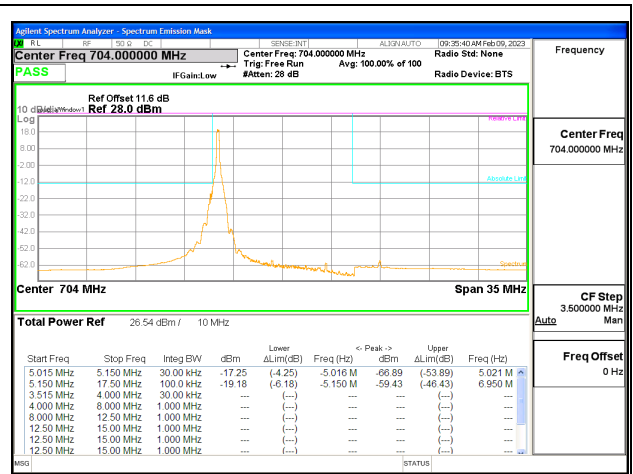
5G NR n12 5MHz BPSK Middle Channel RB1-24, ID:28568

5G NR n12 5MHz BPSK Low Channel RB25-0, ID:28568

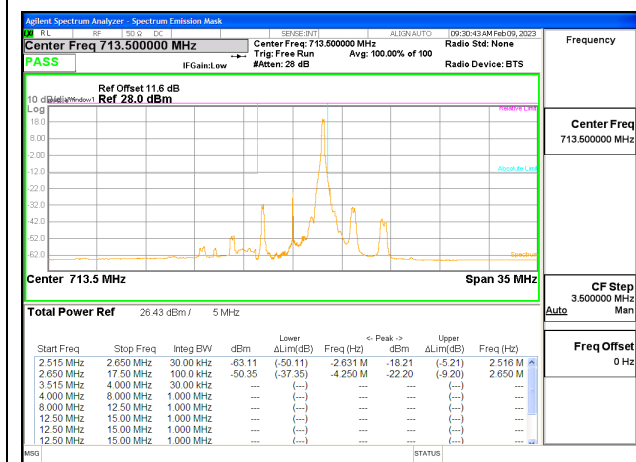
5G NR n12 5MHz BPSK Middle Channel RB25-0, ID:28568



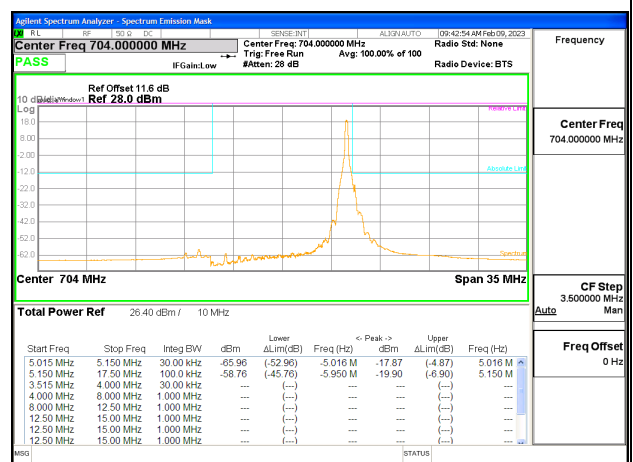
5G NR n12 5MHz BPSK High Channel RB1-0, ID:28568



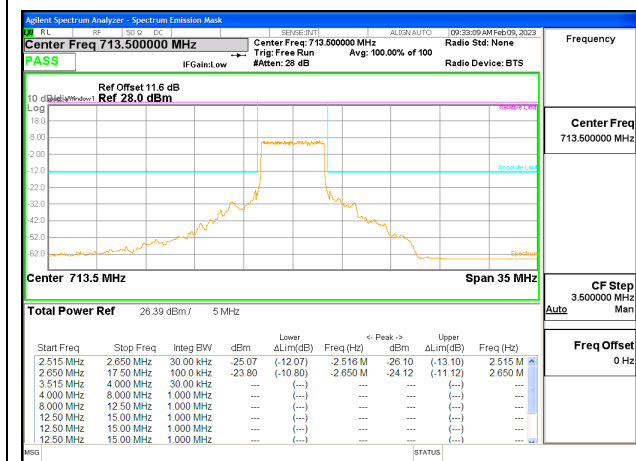
5G NR n12 10MHz BPSK Low Channel RB1-0, ID:28568



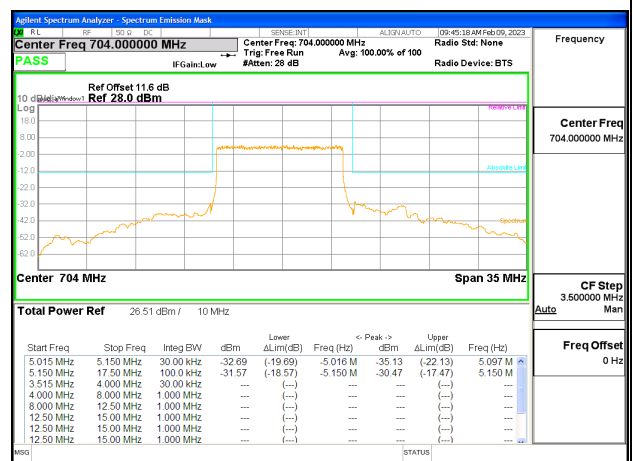
5G NR n12 5MHz BPSK High Channel RB1-24, ID:28568



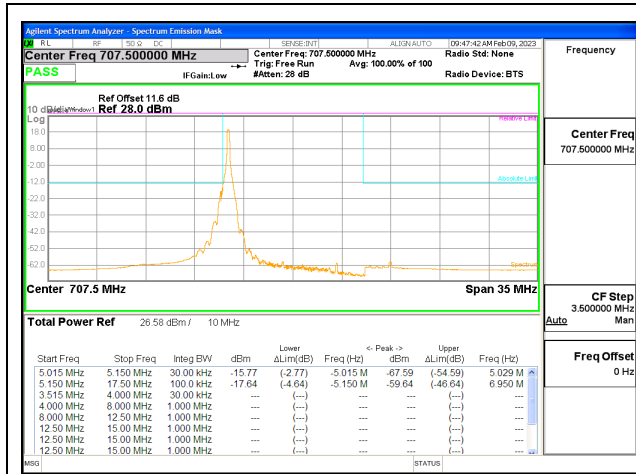
5G NR n12 10MHz BPSK Low Channel RB1-51, ID:28568



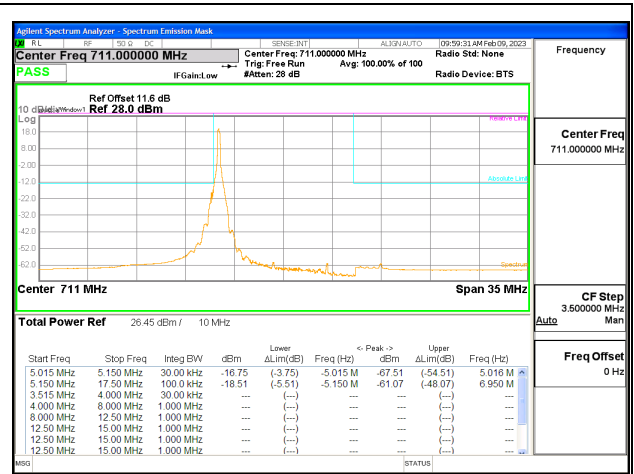
5G NR n12 5MHz BPSK High Channel RB25-0, ID:28568



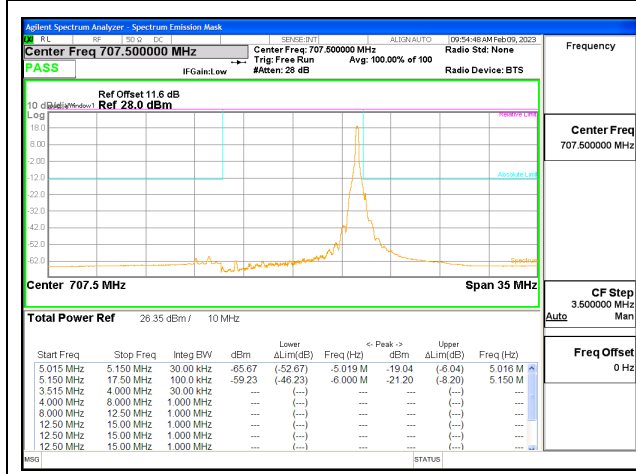
5G NR n12 10MHz BPSK Low Channel RB50-0, ID:28568



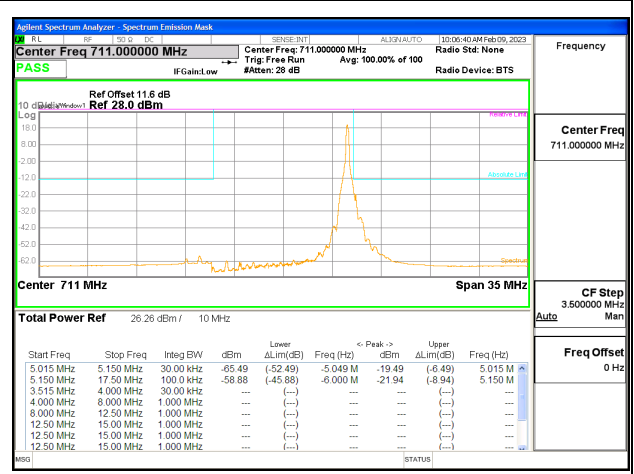
5G NR n12 10MHz BPSK Middle Channel RB1-0, ID:28568



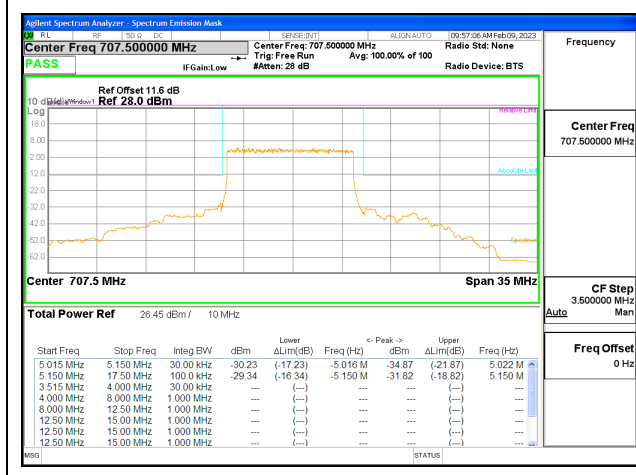
5G NR n12 10MHz BPSK High Channel RB1-0, ID:28568



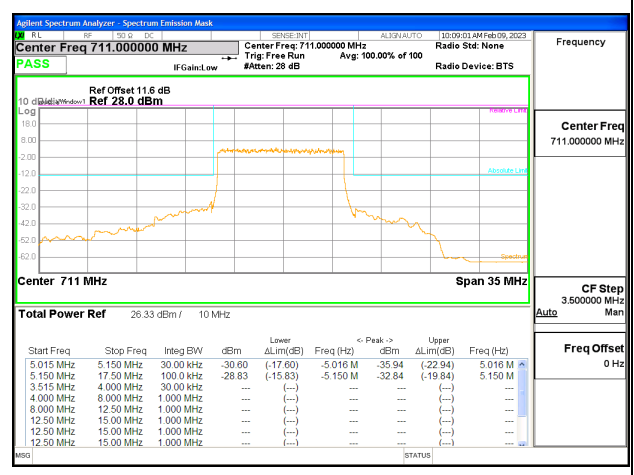
5G NR n12 10MHz BPSK Middle Channel RB1-51, ID:28568



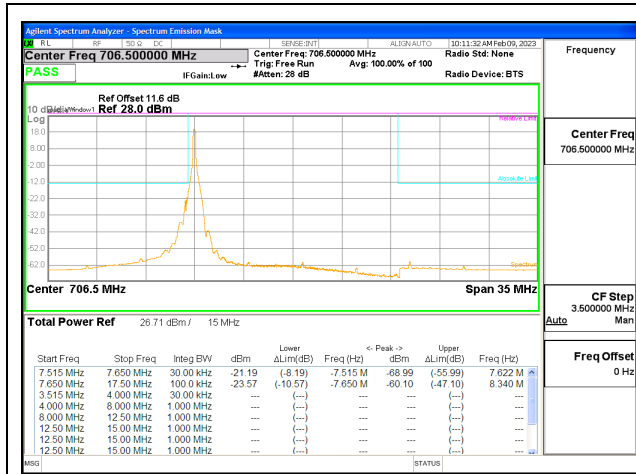
5G NR n12 10MHz BPSK High Channel RB1-51, ID:28568



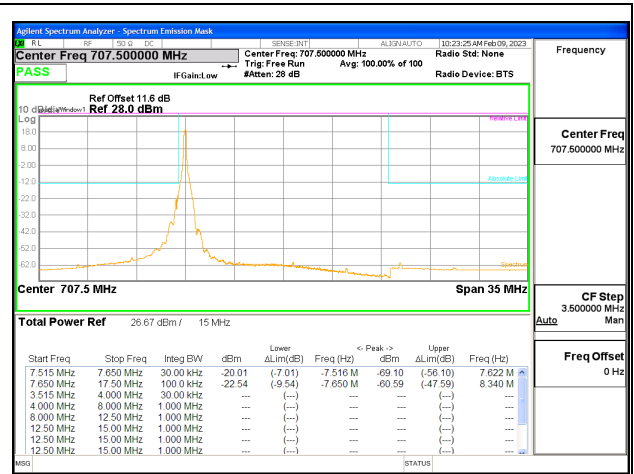
5G NR n12 10MHz BPSK Middle Channel RB50-0, ID:28568



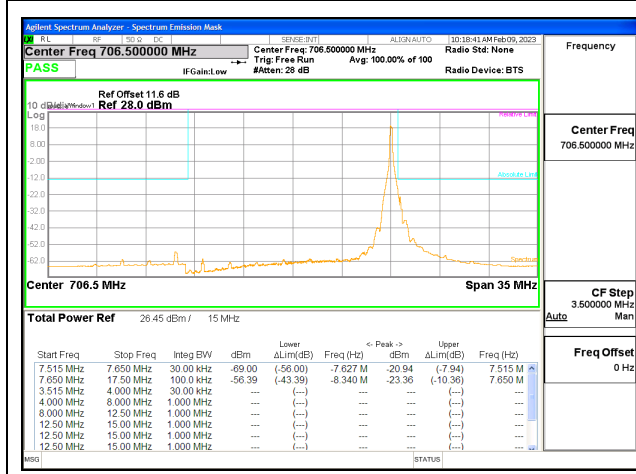
5G NR n12 10MHz BPSK High Channel RB50-0, ID:28568



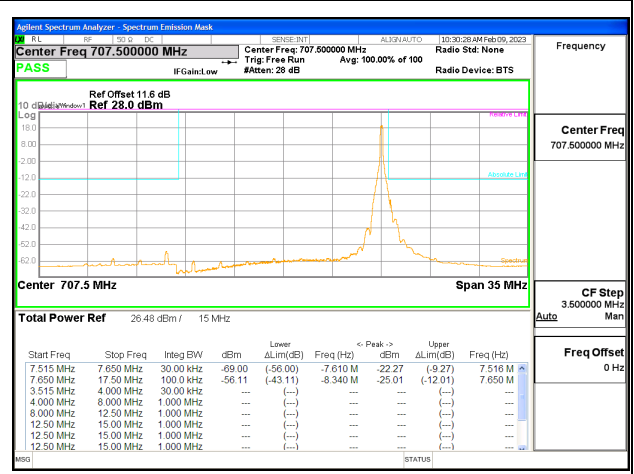
5G NR n12 15MHz BPSK Low Channel RB1-0, ID:28568



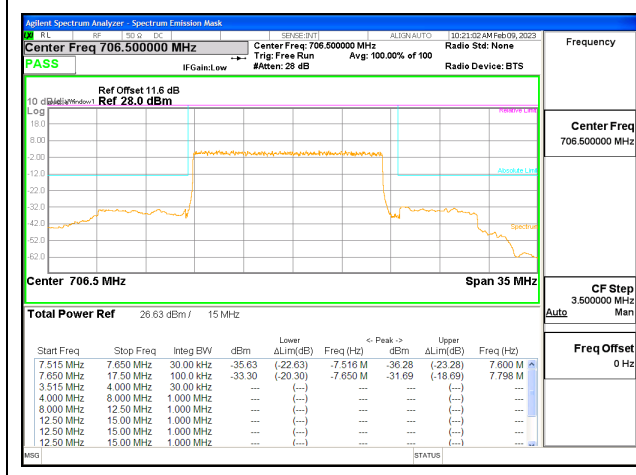
5G NR n12 15MHz BPSK Middle Channel RB1-0, ID:28568



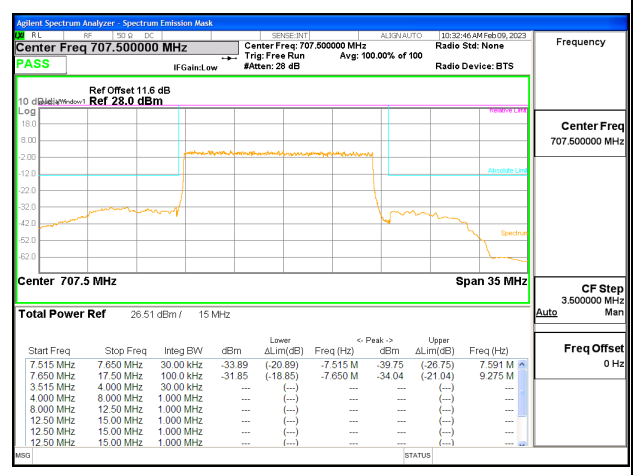
5G NR n12 15MHz BPSK Low Channel RB1-78, ID:28568



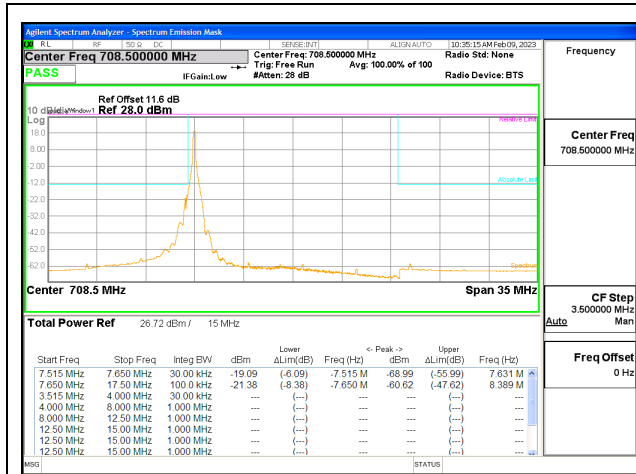
5G NR n12 15MHz BPSK Middle Channel RB1-78, ID:28568



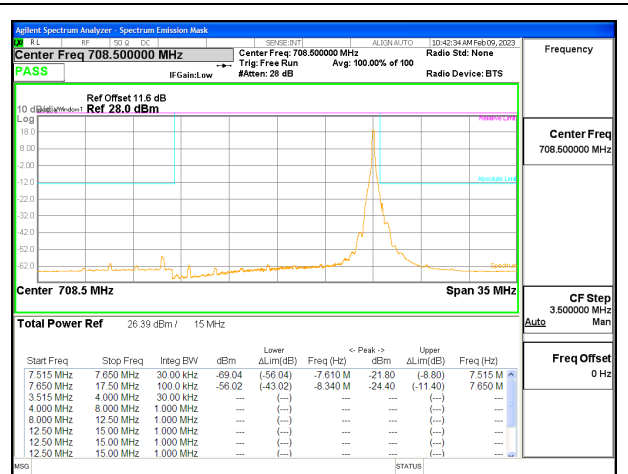
5G NR n12 15MHz BPSK Low Channel RB75-0, ID:28568



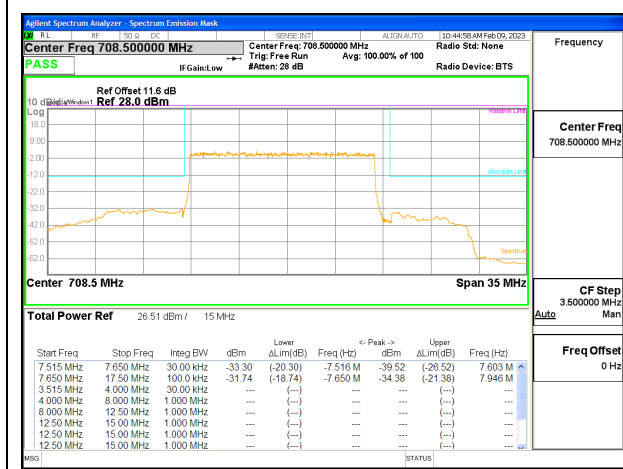
5G NR n12 15MHz BPSK Middle Channel RB75-0, ID:28568



5G NR n12 15MHz BPSK High Channel RB1-0, ID:28568



5G NR n12 15MHz BPSK High Channel RB1-78, ID:28568



5G NR n12 15MHz BPSK High Channel RB75-0, ID:28568

Intentionally Blank

9.2.3. LTE BAND 13

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).