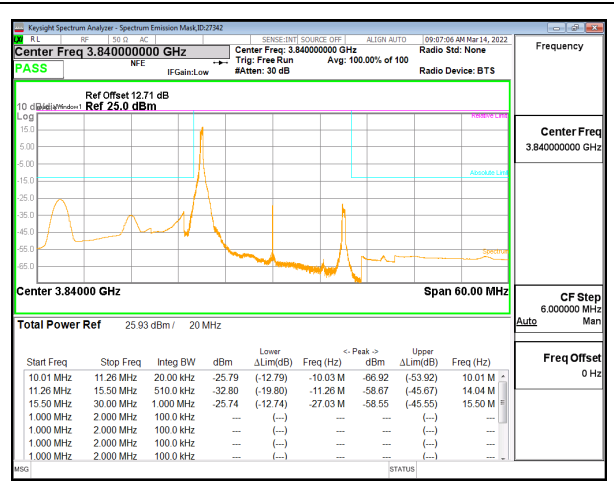
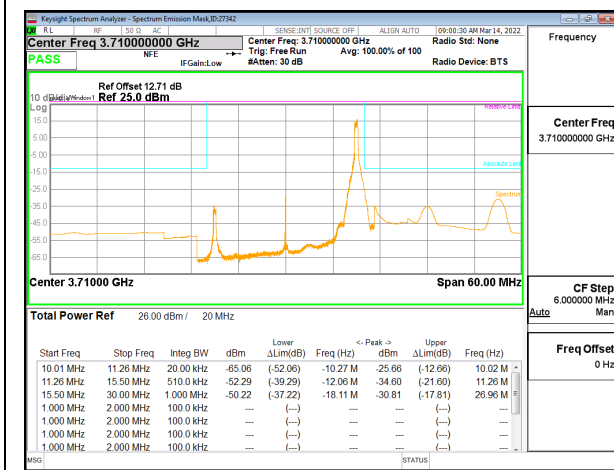


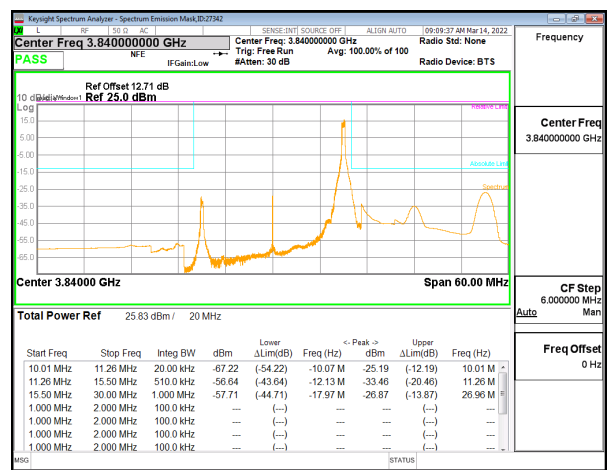
5G NR n77 20MHz BPSK Low Channel RB1-0



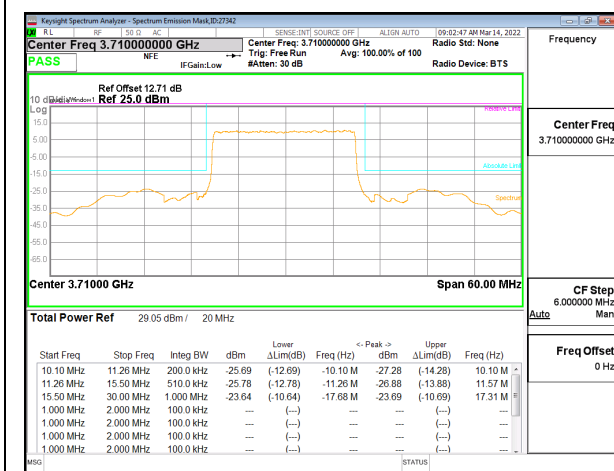
5G NR n77 20MHz BPSK Middle Channel RB1-0



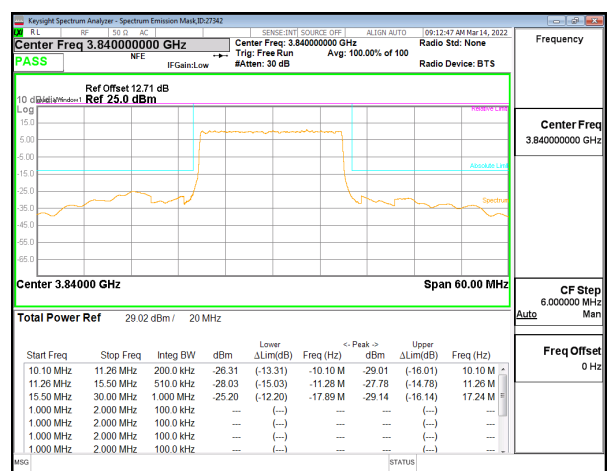
5G NR n77 20MHz BPSK Low Channel RB1-50



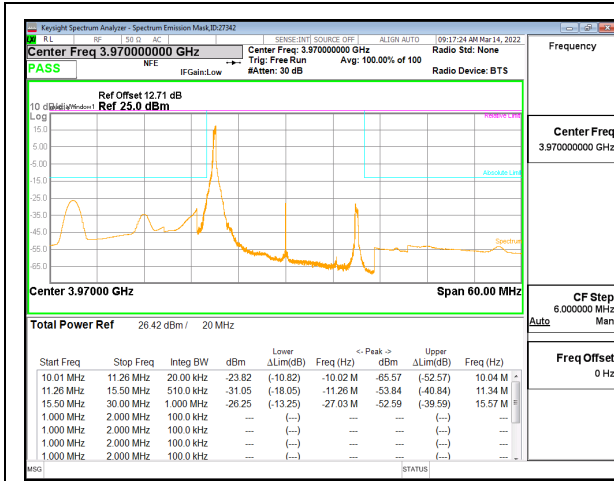
5G NR n77 20MHz BPSK Middle Channel RB1-50



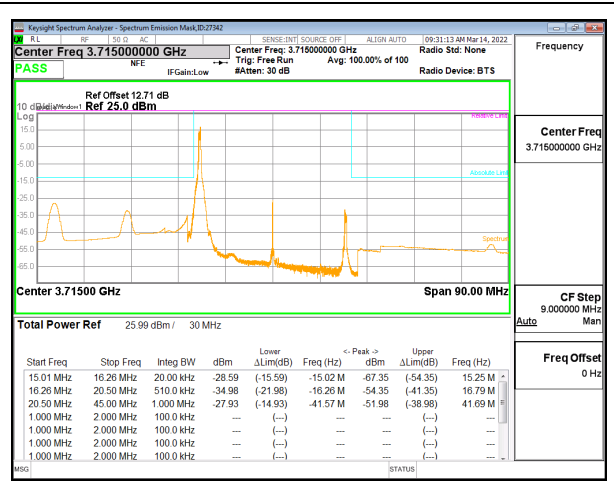
5G NR n77 20MHz BPSK Low Channel RB50-0



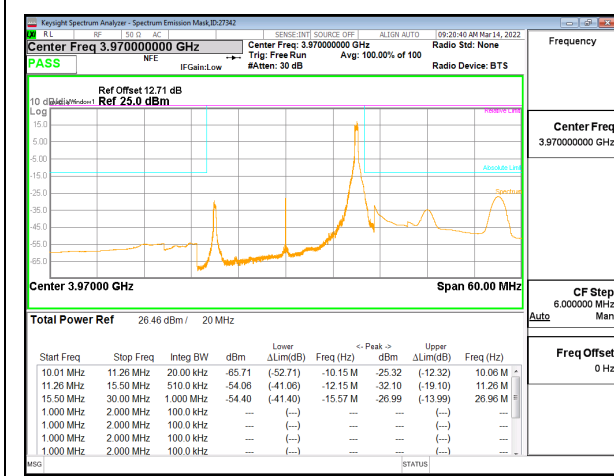
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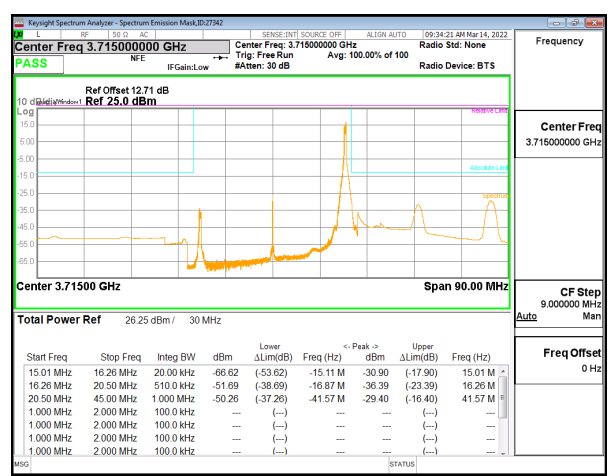
5G NR n77 20MHz BPSK High Channel RB1-0



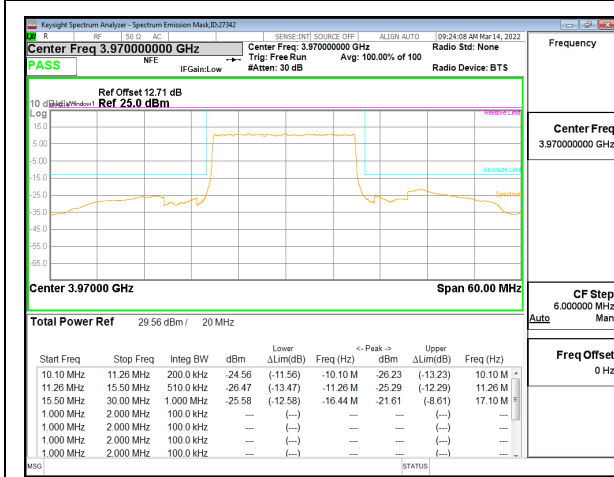
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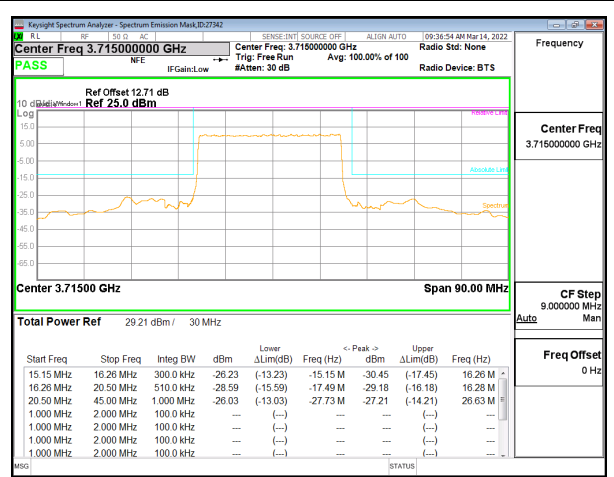
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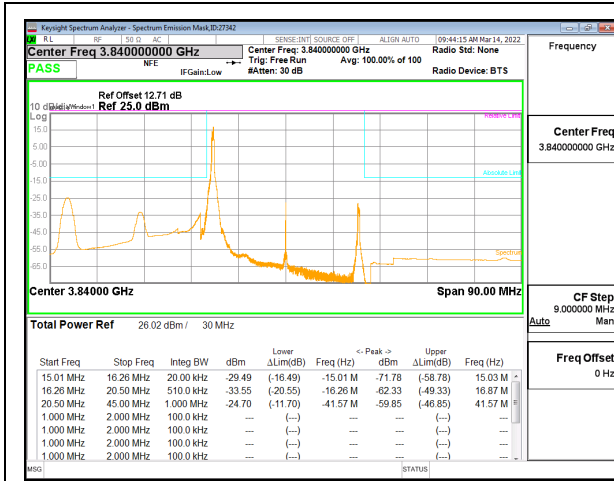
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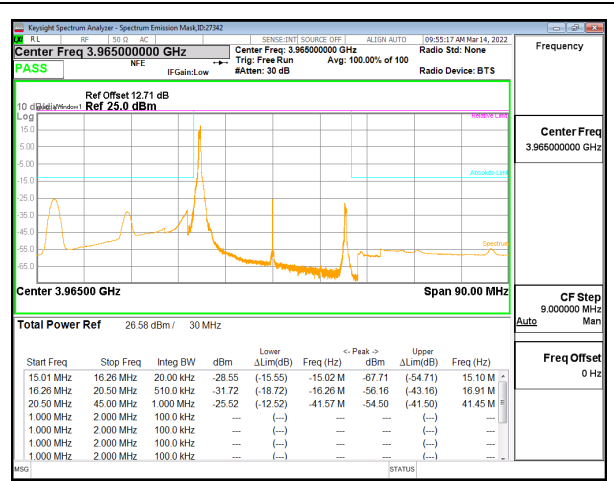
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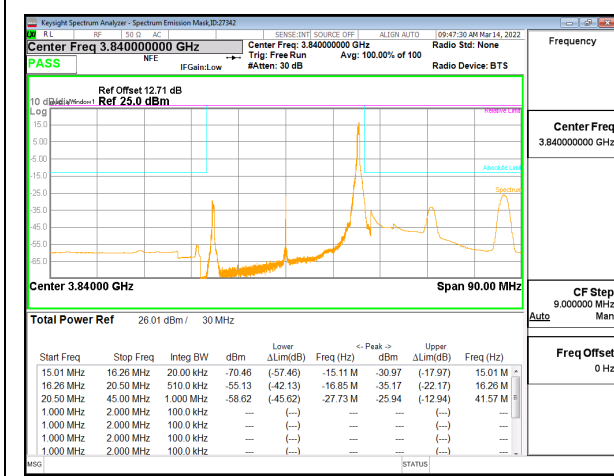
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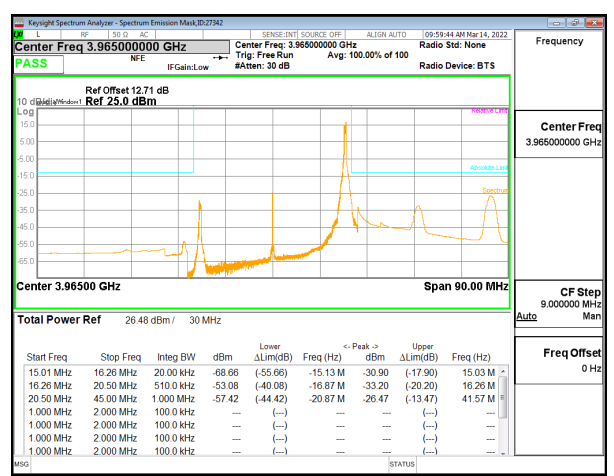
5G NR n77 30MHz BPSK Middle Channel RB1-0



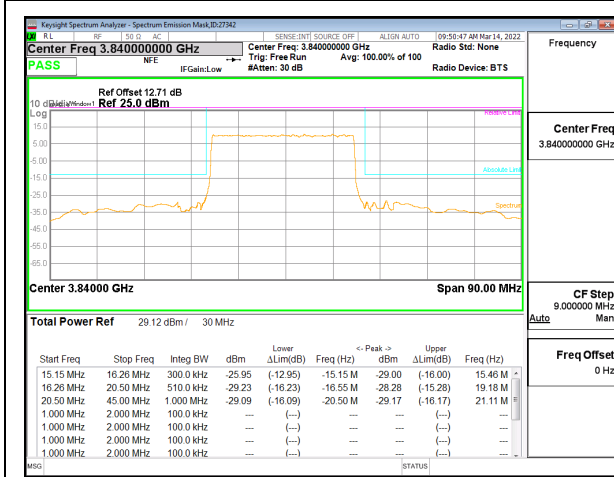
5G NR n77 30MHz BPSK High Channel RB1-0



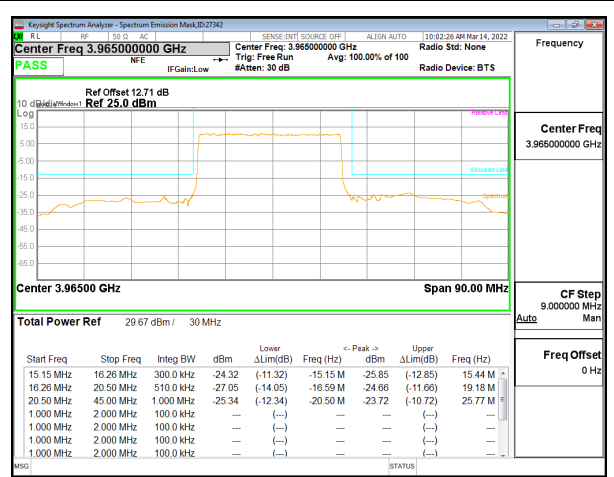
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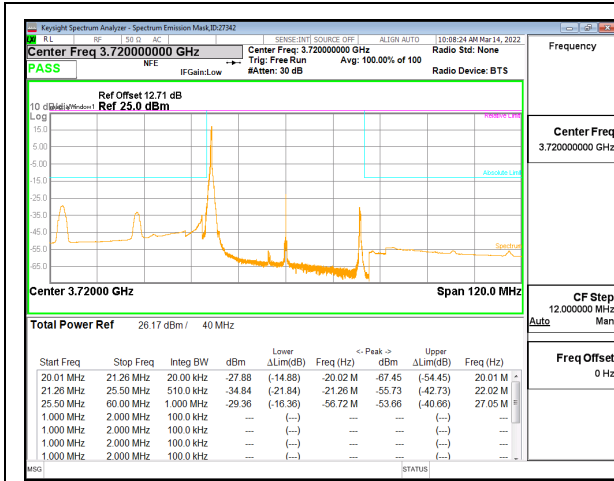
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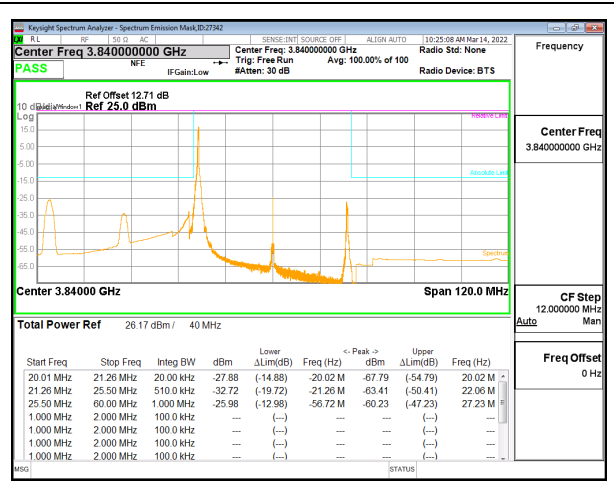
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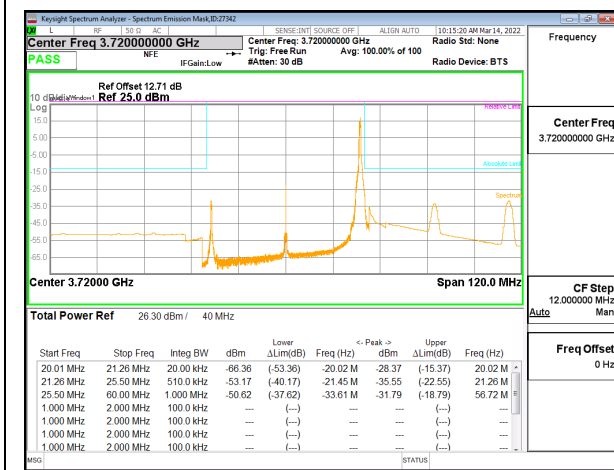
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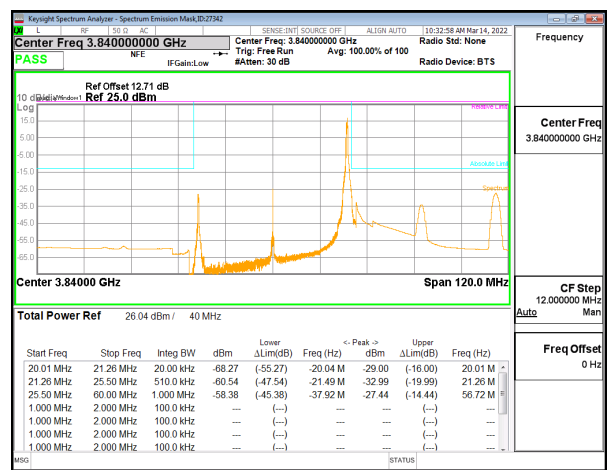
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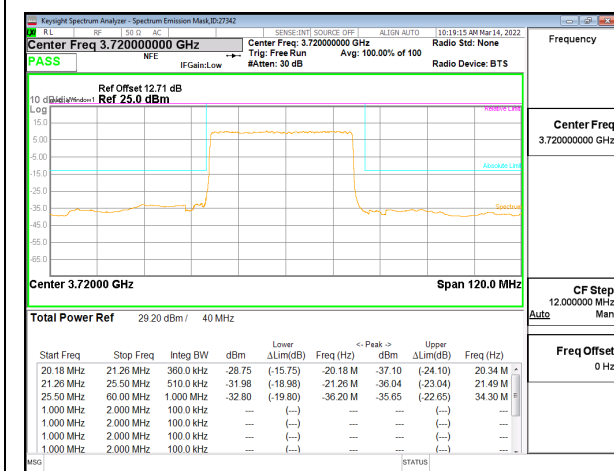
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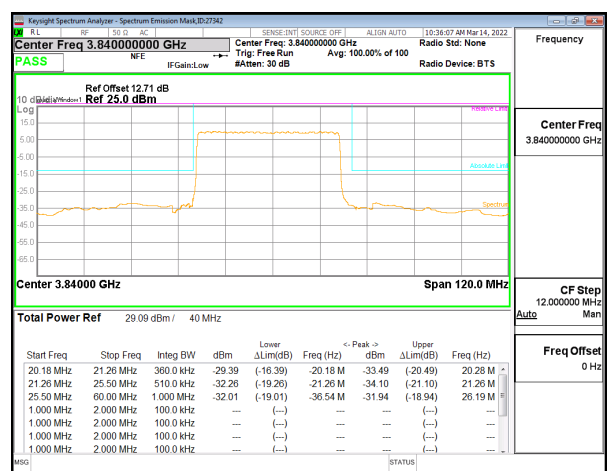
5G NR n77 40MHz BPSK Low Channel RB1-105



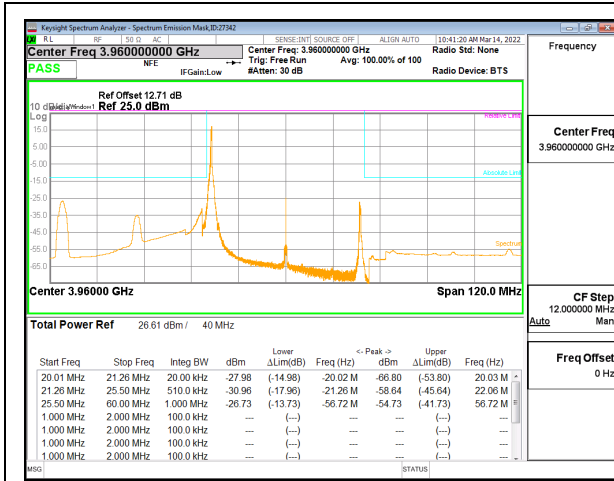
5G NR n77 40MHz BPSK Middle Channel RB1-105



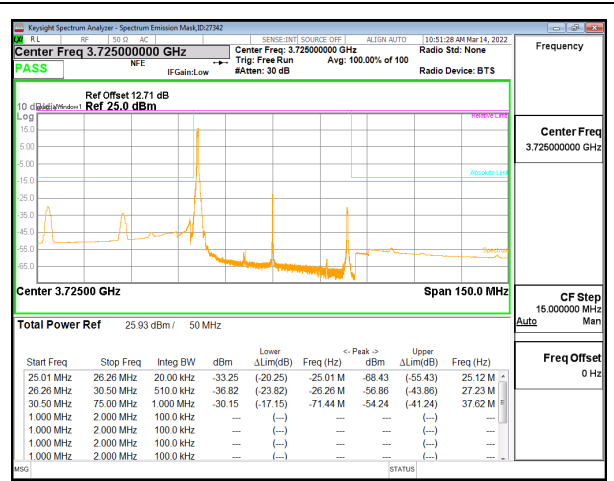
5G NR n77 40MHz BPSK Low Channel RB100-0



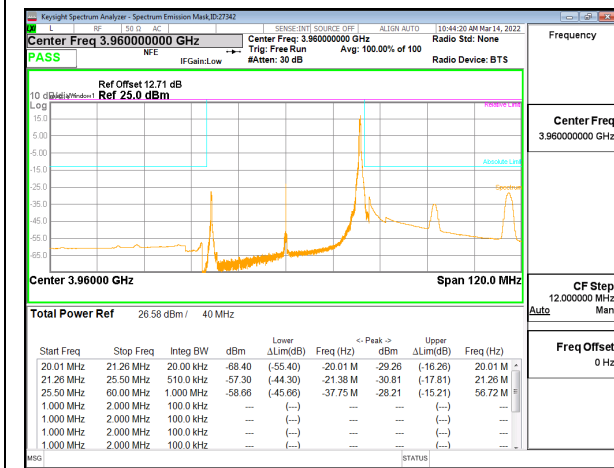
5G NR n77 40MHz BPSK Middle Channel RB100-0



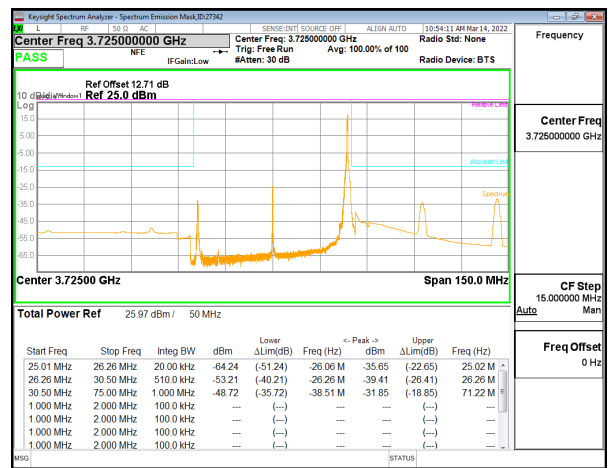
5G NR n77 40MHz BPSK High Channel RB1-0



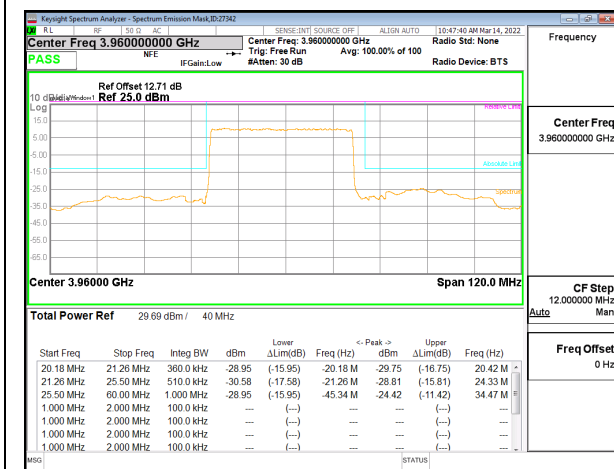
5G NR n77 50MHz BPSK Low Channel RB1-0



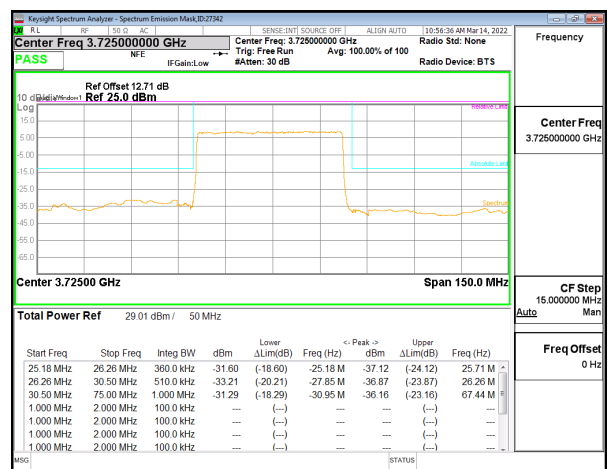
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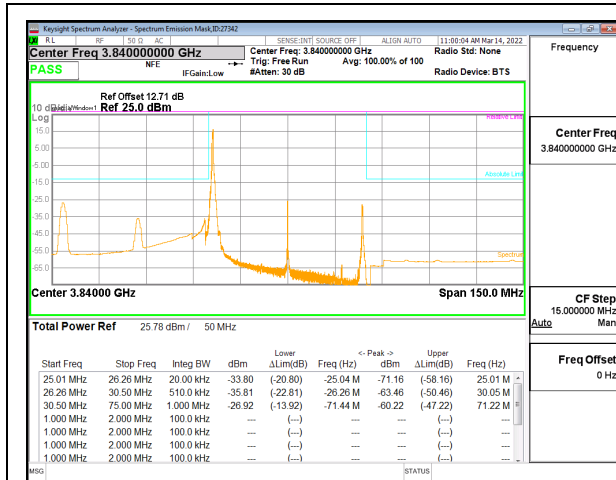
5G NR n77 50MHz BPSK Low Channel RB1-132



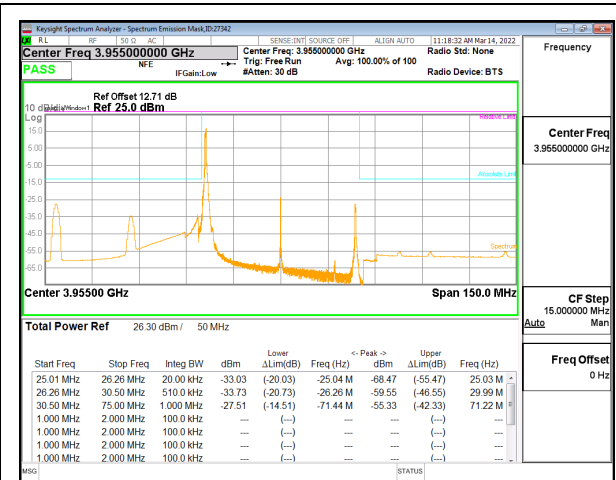
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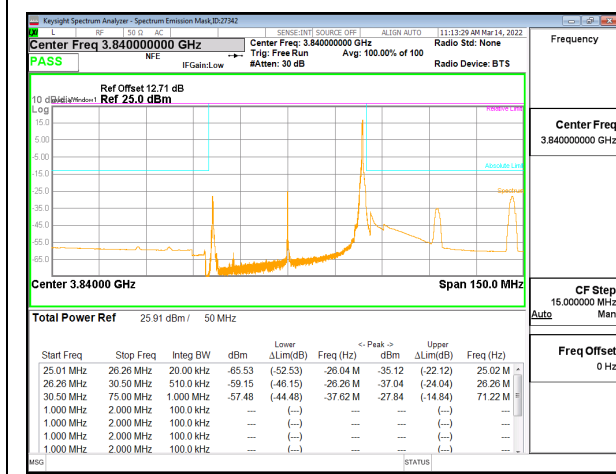
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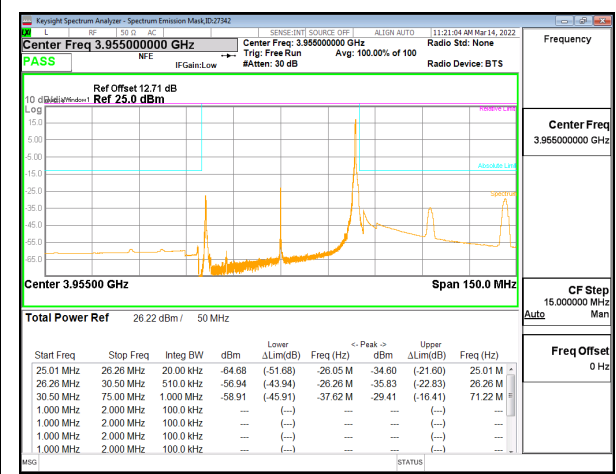
5G NR n77 50MHz BPSK Middle Channel RB1-0



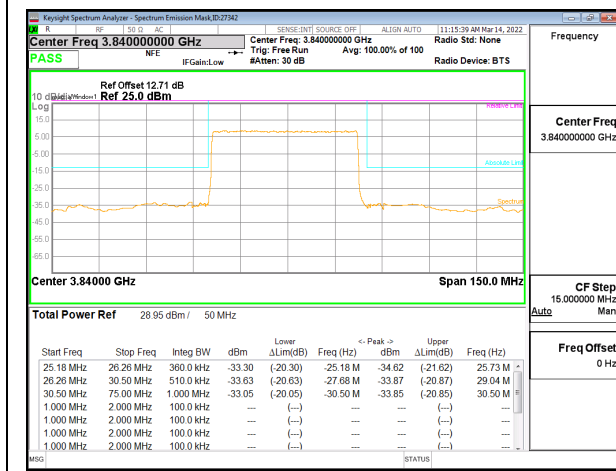
5G NR n77 50MHz BPSK High Channel RB1-0



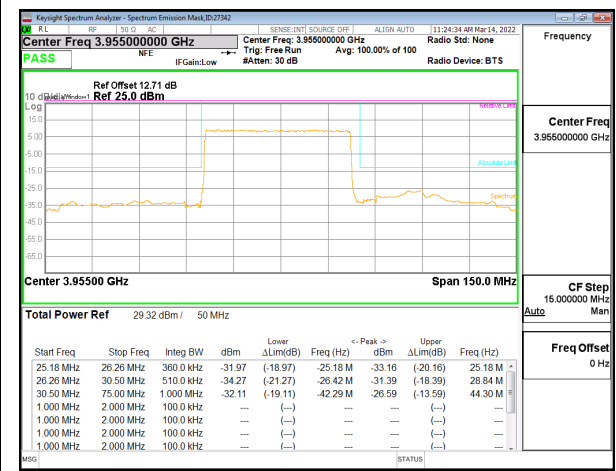
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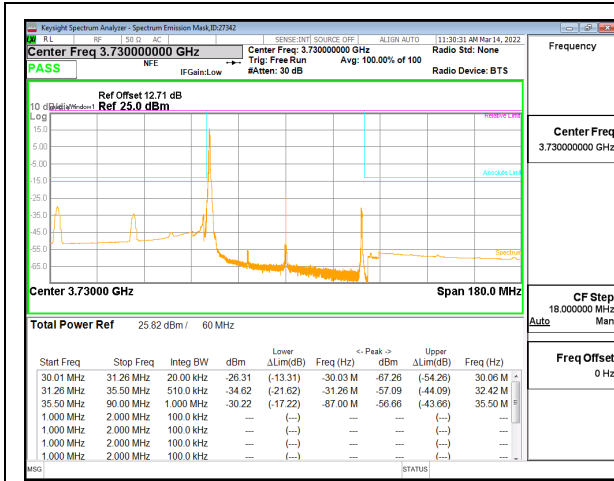
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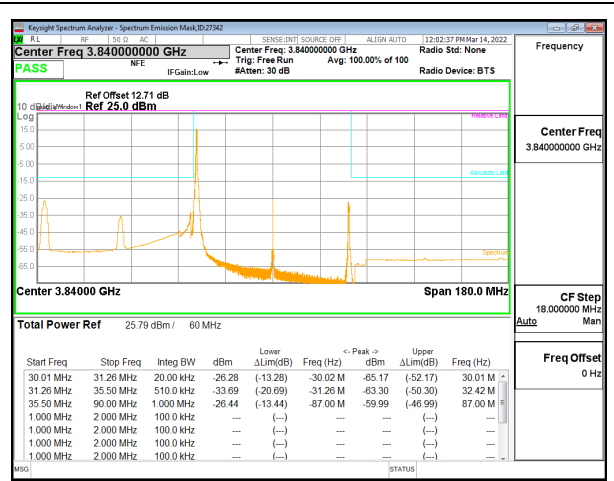
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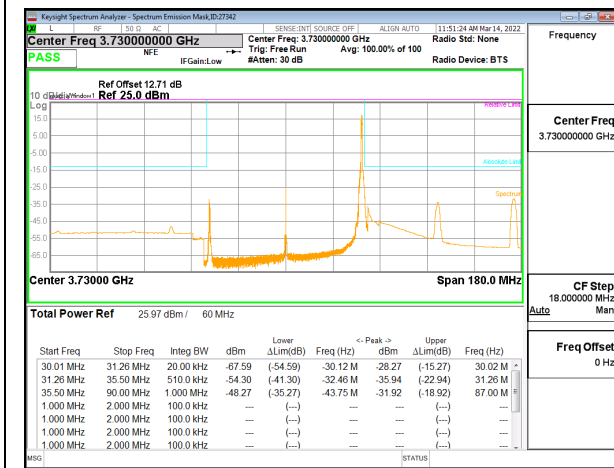
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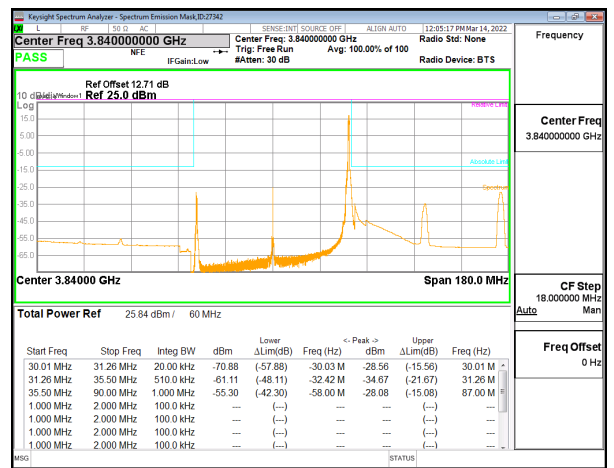
5G NR n77 60MHz BPSK Low Channel RB1-0



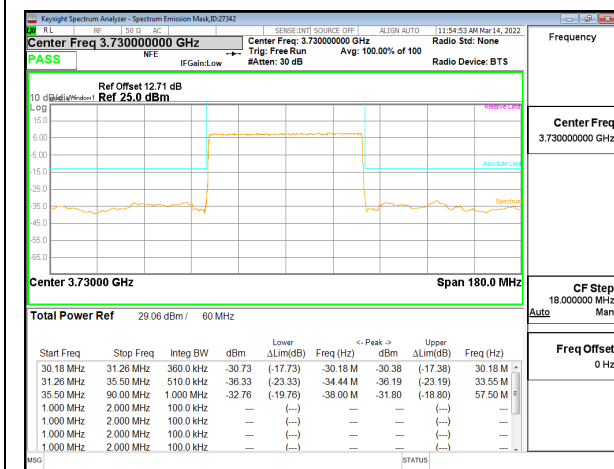
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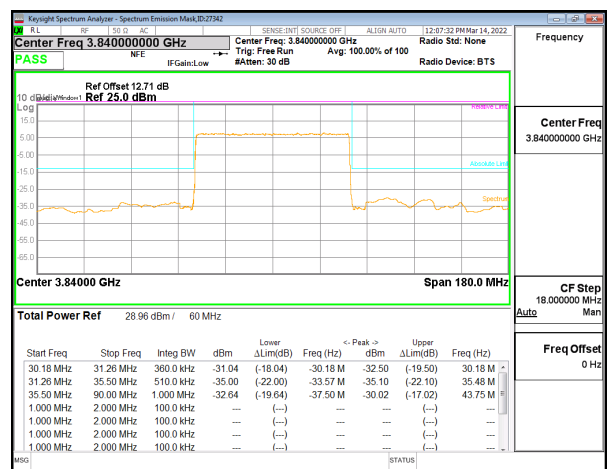
5G NR n77 60MHz BPSK Low Channel RB1-161



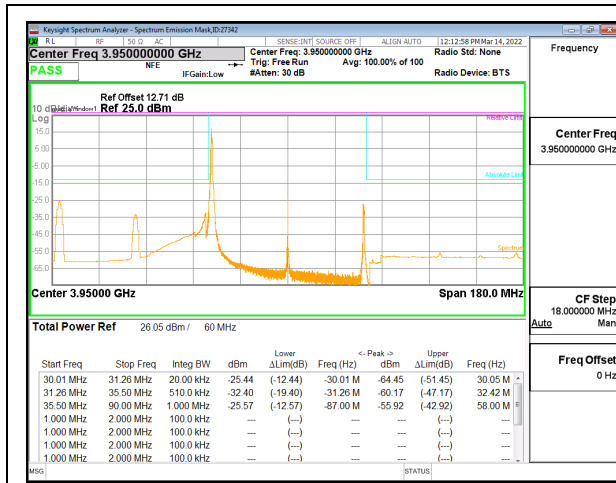
5G NR n77 60MHz BPSK Middle Channel RB1-161



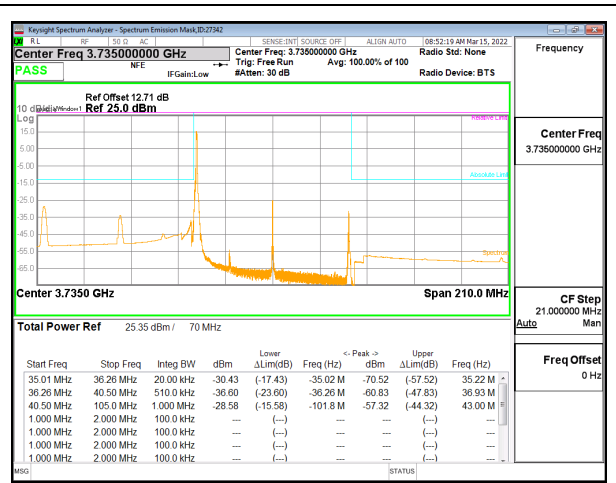
5G NR n77 60MHz BPSK Low Channel RB162-0



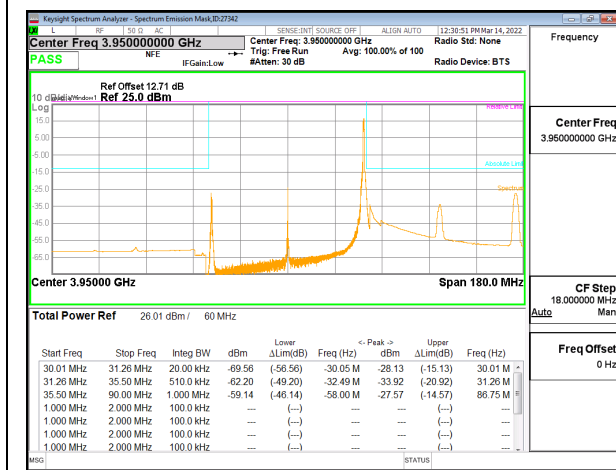
5G NR n77 60MHz BPSK Middle Channel RB162-0



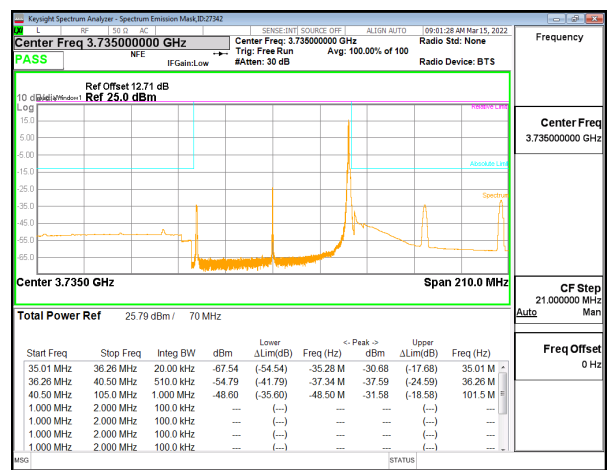
5G NR n77 60MHz BPSK High Channel RB1-0



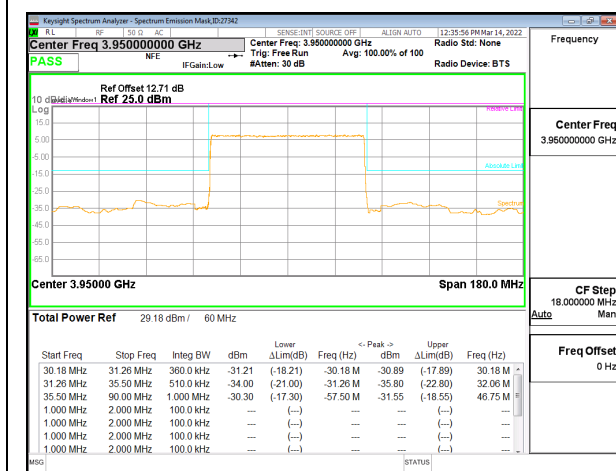
5G NR n77 70MHz BPSK Low Channel RB1-0



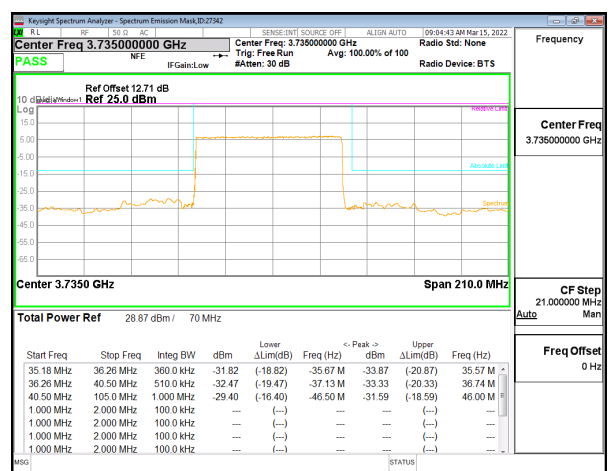
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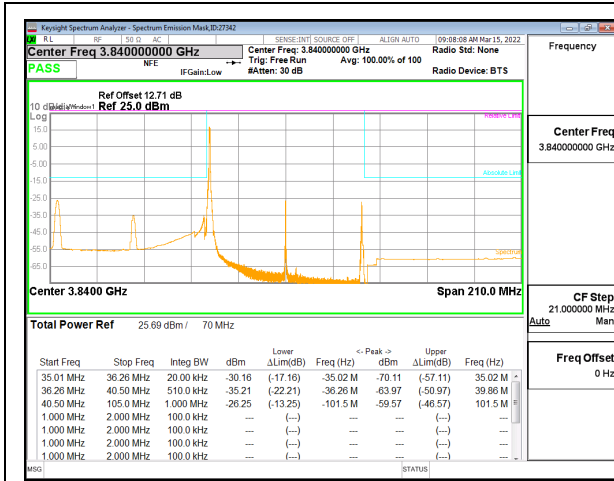
5G NR n77 70MHz BPSK Low Channel RB1-188



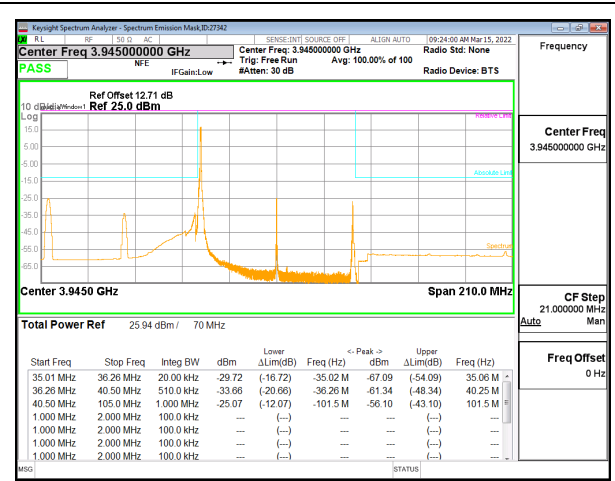
5G NR n77 60MHz BPSK High Channel RB162-0



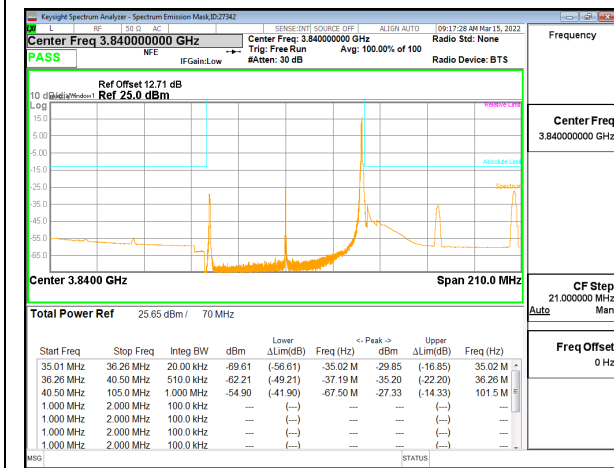
5G NR n77 70MHz BPSK Low Channel RB180-0



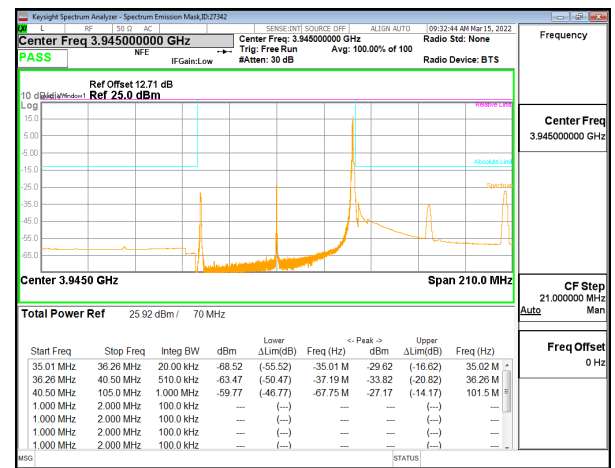
5G NR n77 70MHz BPSK Middle Channel RB1-0



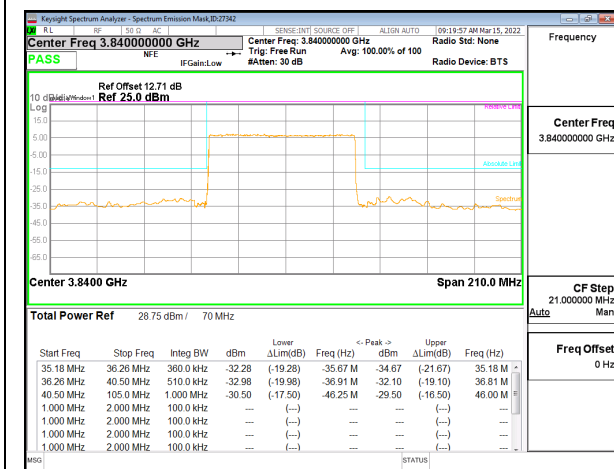
5G NR n77 70MHz BPSK High Channel RB1-0



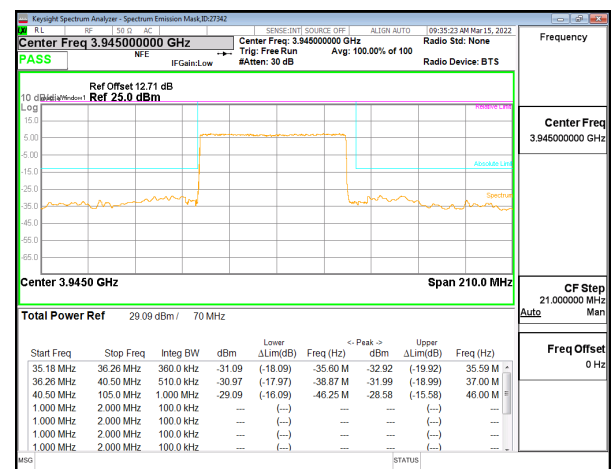
5G NR n77 70MHz BPSK Middle Channel RB1-188



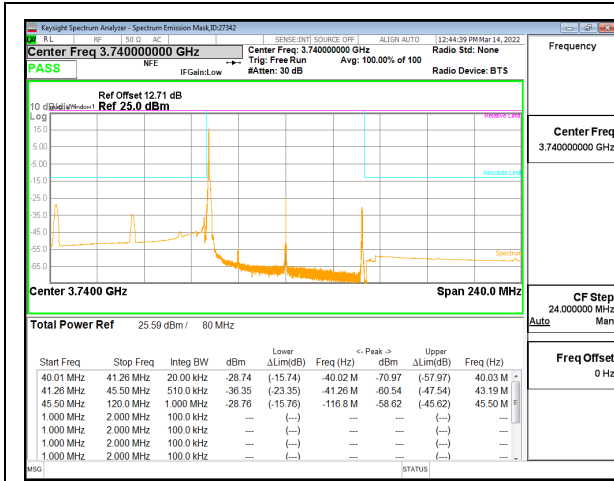
5G NR n77 70MHz BPSK High Channel RB1-188



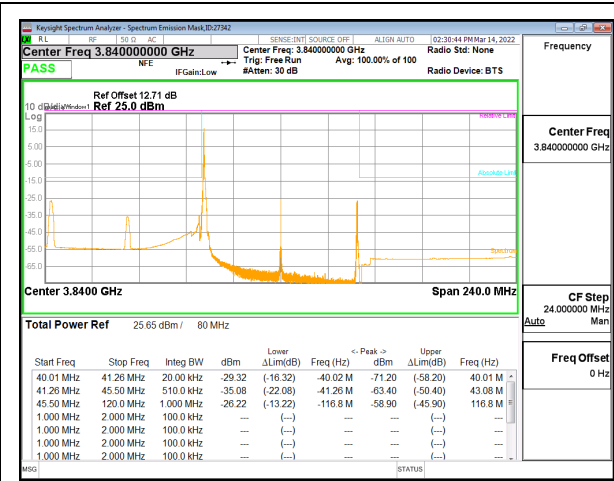
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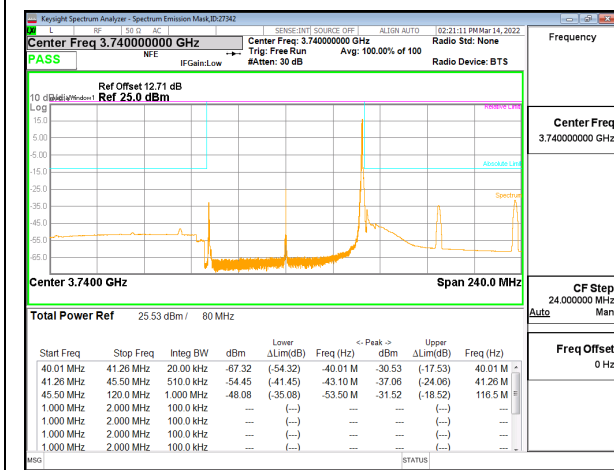
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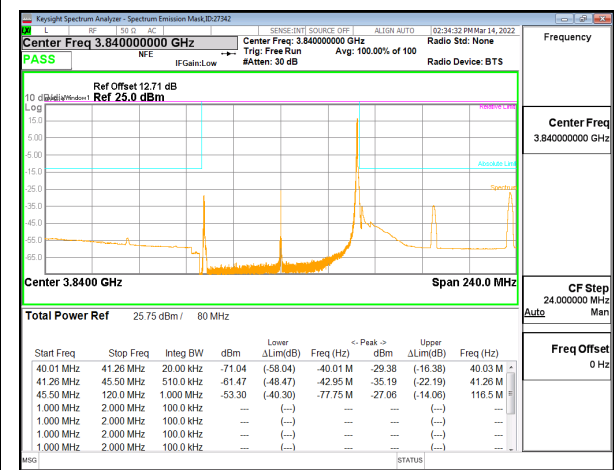
5G NR n77 80MHz BPSK Low Channel RB1-0



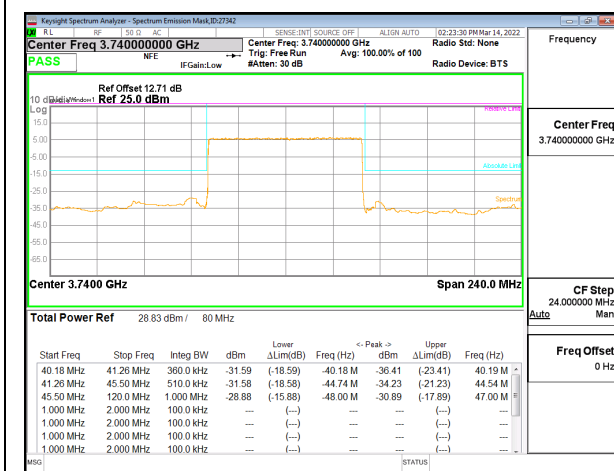
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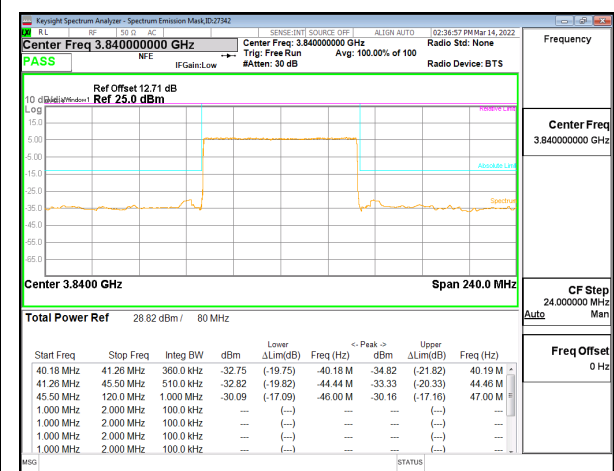
5G NR n77 80MHz BPSK Low Channel RB1-216



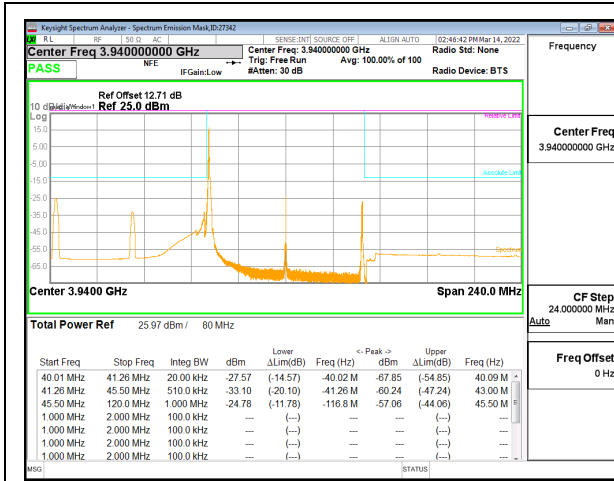
5G NR n77 80MHz BPSK Middle Channel RB1-216



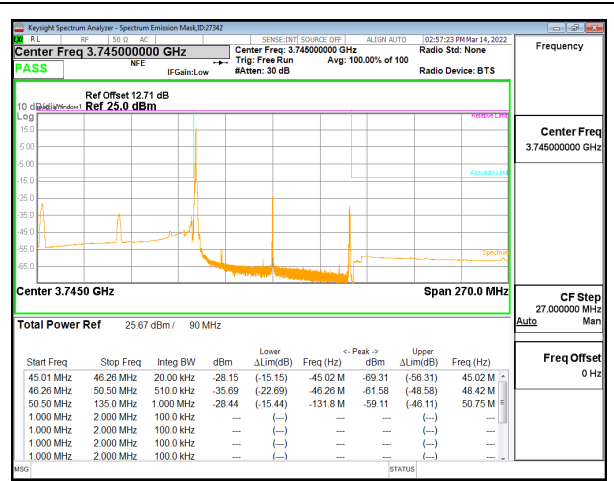
5G NR n77 80MHz BPSK Low Channel RB216-0



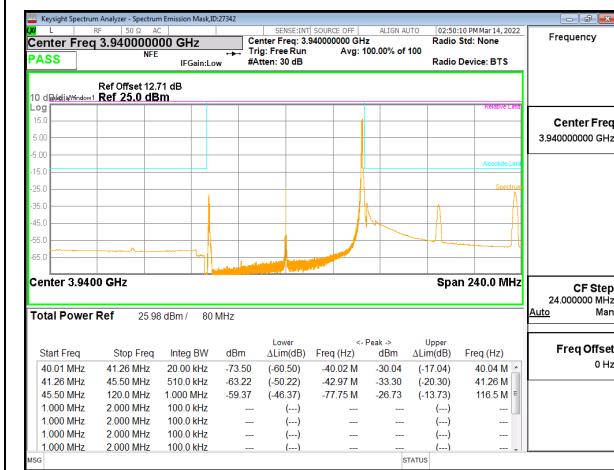
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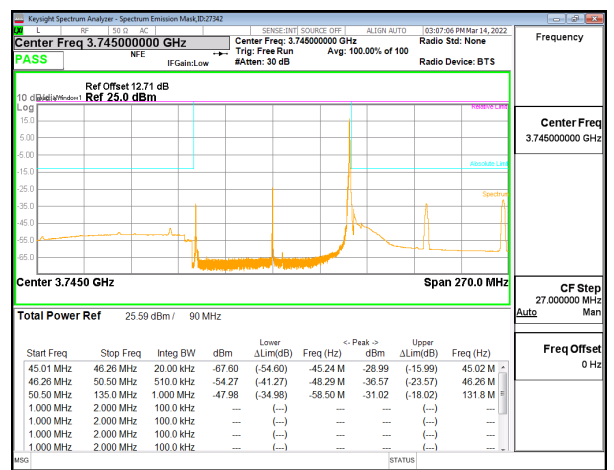
5G NR n77 80MHz BPSK High Channel RB1-0



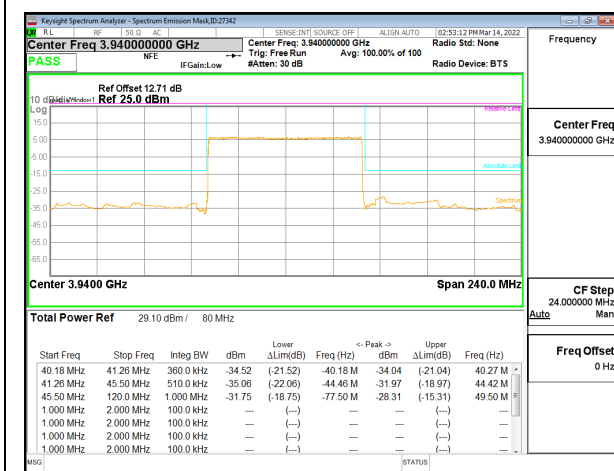
5G NR n77 90MHz BPSK Low Channel RB1-0



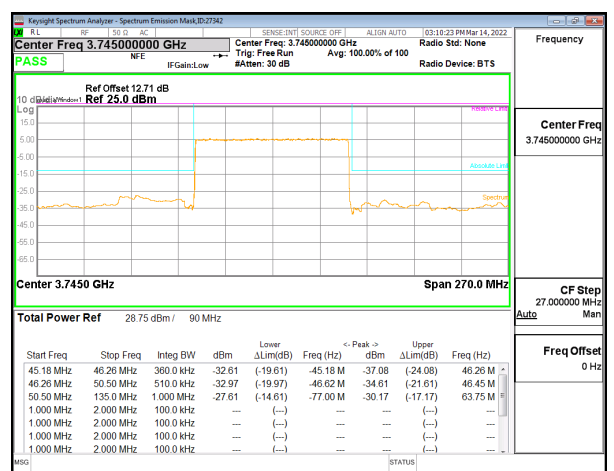
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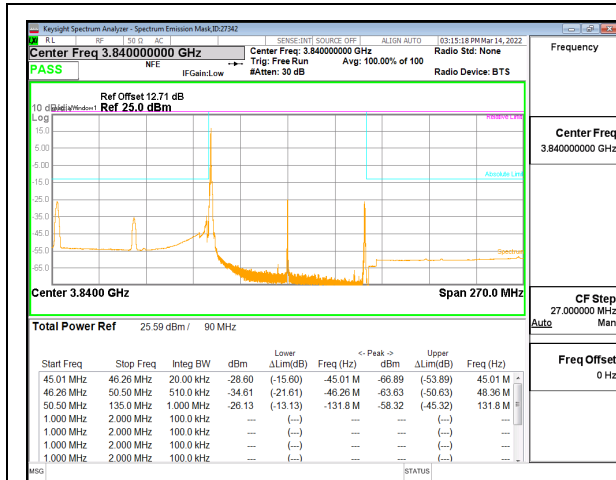
5G NR n77 90MHz BPSK Low Channel RB1-244



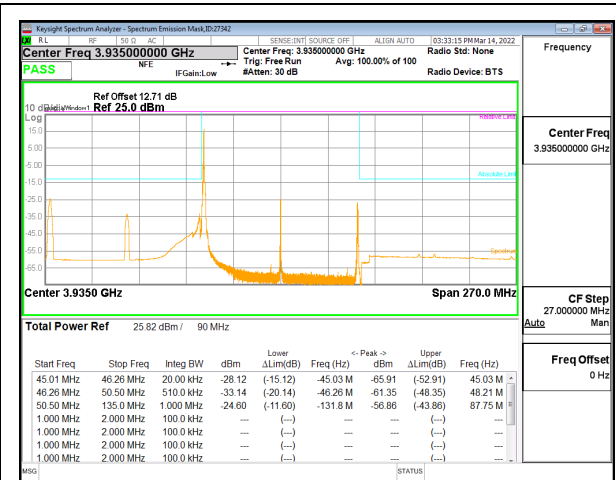
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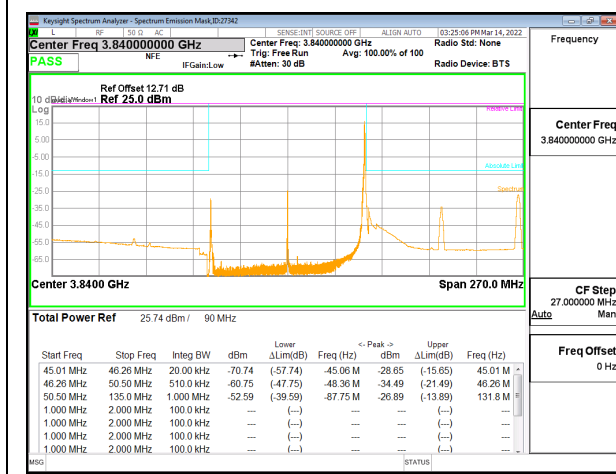
5G NR n77 90MHz BPSK Low Channel RB243-0



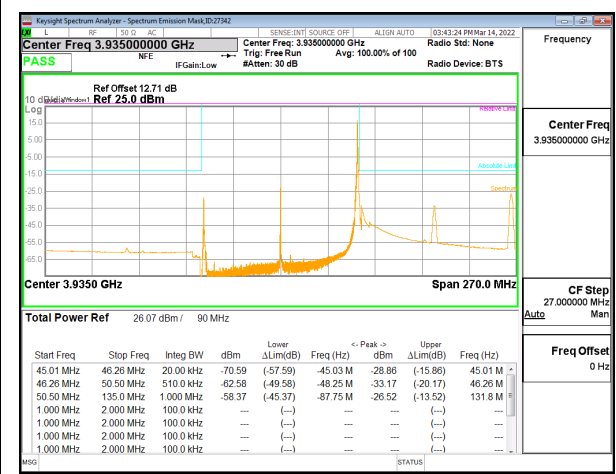
5G NR n77 90MHz BPSK Middle Channel RB1-0



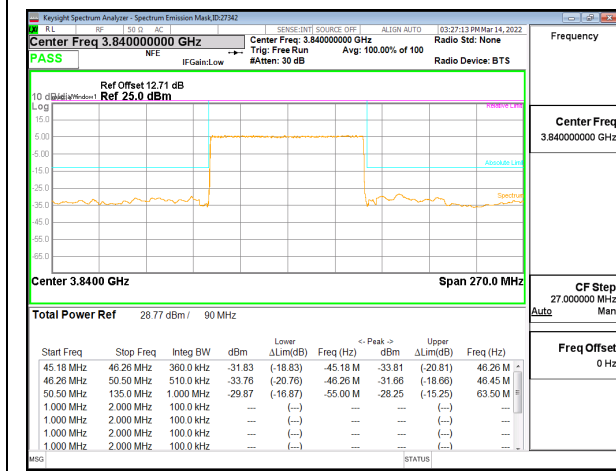
5G NR n77 90MHz BPSK High Channel RB1-0



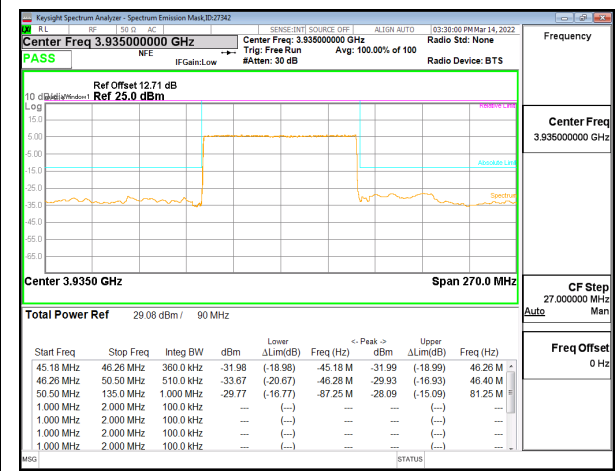
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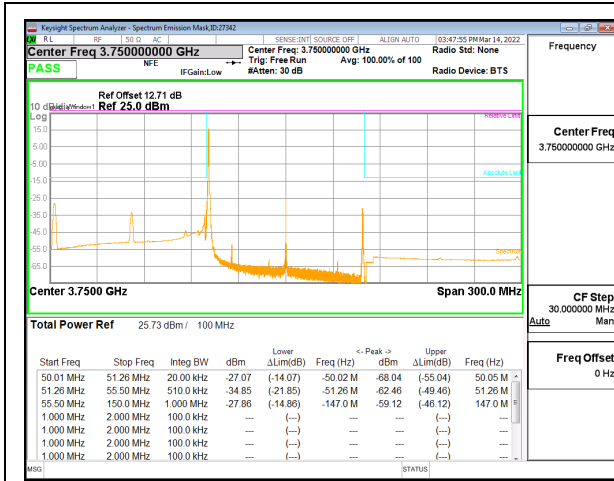
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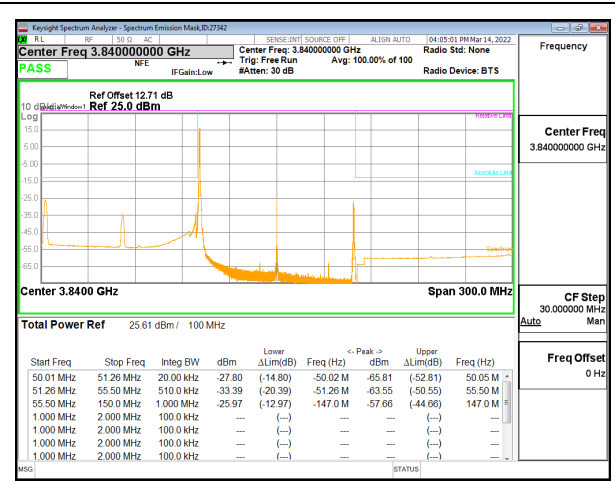
5G NR n77 90MHz BPSK Middle Channel RB243-0



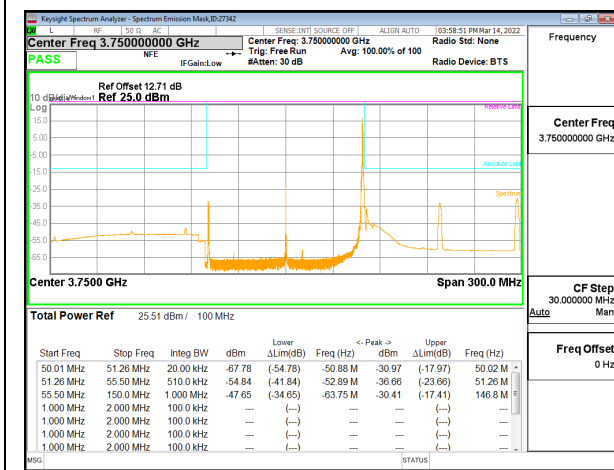
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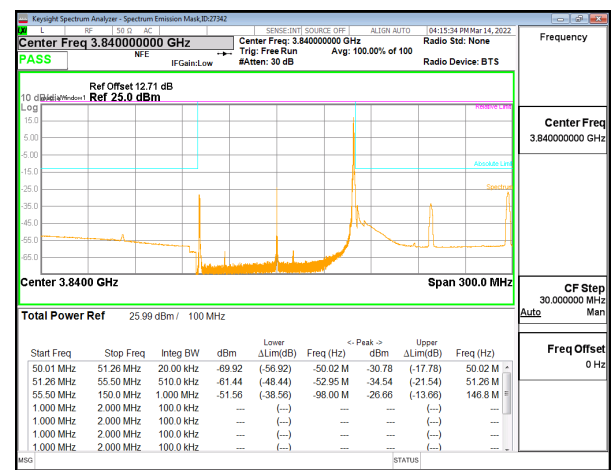
5G NR n77 100MHz BPSK Low Channel RB1-0



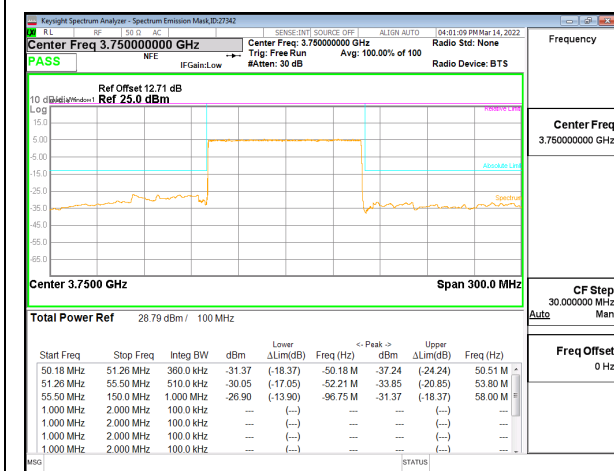
5G NR n77 100MHz BPSK Middle Channel RB1-0



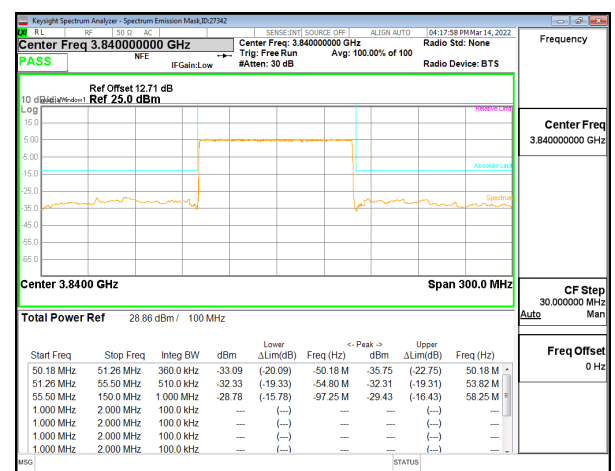
5G NR n77 100MHz BPSK Low Channel RB1-272



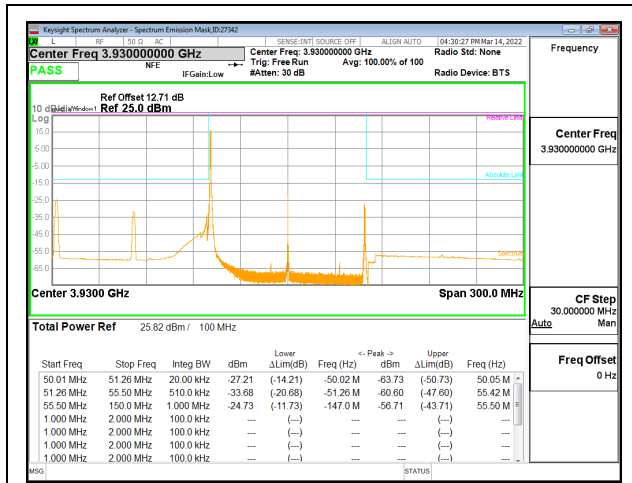
5G NR n77 100MHz BPSK Middle Channel RB1-272



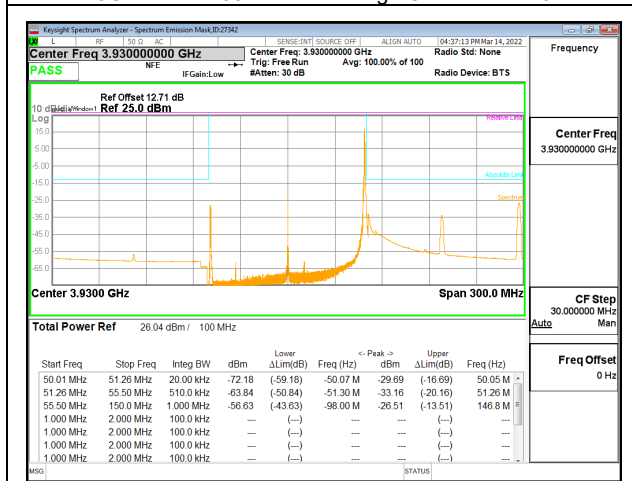
5G NR n77 100MHz BPSK Low Channel RB270-0



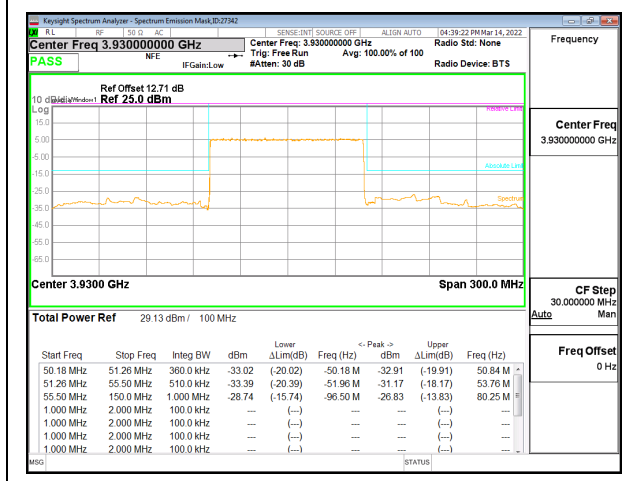
5G NR n77 100MHz BPSK Middle Channel RB270-0



5G NR n77 100MHz BPSK High Channel RB1-0



5G NR n77 100MHz BPSK High Channel RB1-272



5G NR n77 100MHz BPSK High Channel RB270-0

9.3. OUT OF BAND EMISSIONS

TEST PROCEDURE

The RF output of the transmitter was connected to a spectrum analyzer through a calibrated coaxial cable. Sufficient scans were taken to show the out-of-band Emissions, if any, up to 10th harmonic. Multiple sweeps were recorded in maximum hold mode using a peak detector to ensure that the worst-case emissions were caught.

For each out of band emissions measurement:

- Set display line at -13 dBm, -25dBm and -40dBm according to the band Limit
- Set RBW & VBW to 100 kHz for the measurement below 1 GHz, and 1 MHz for the measurement above 1 GHz.
(NOTE: Worst case set RBW/VBW to 1MHz/3MHz)

RESULTS

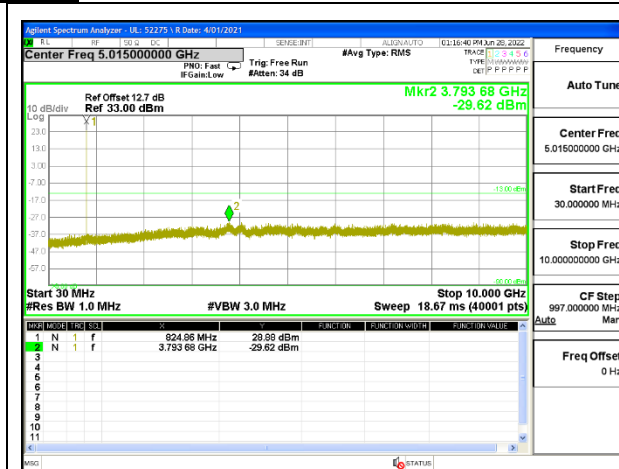
9.3.1. LTE BAND 5 AND 5G NR n5

LIMITS

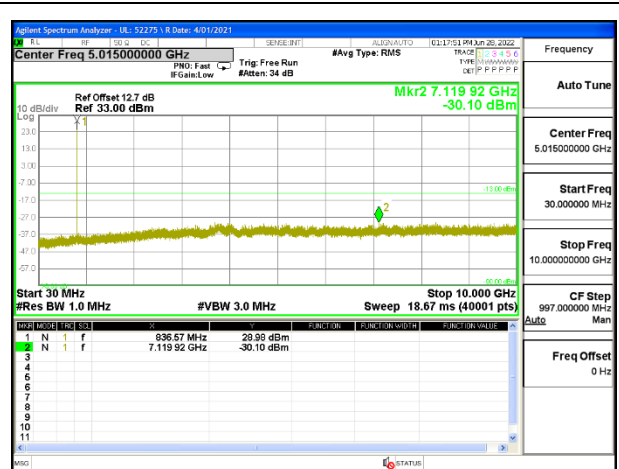
FCC: §22.917 (a)

The minimum permissible attenuation level of any spurious emissions is $43 + 10 \log(P)$ dB where transmitting power (P) in Watts.

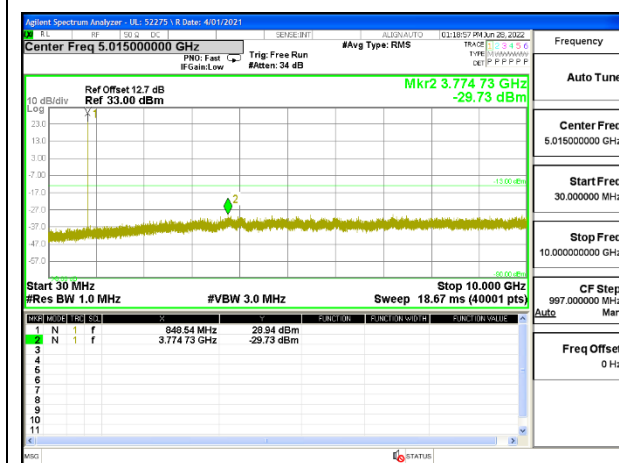
LTE BAND 5



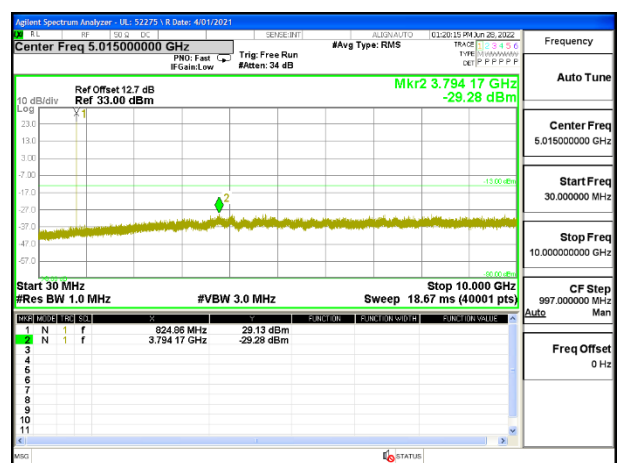
LTE B5 1.4MHz QPSK Low Channel RB1-0



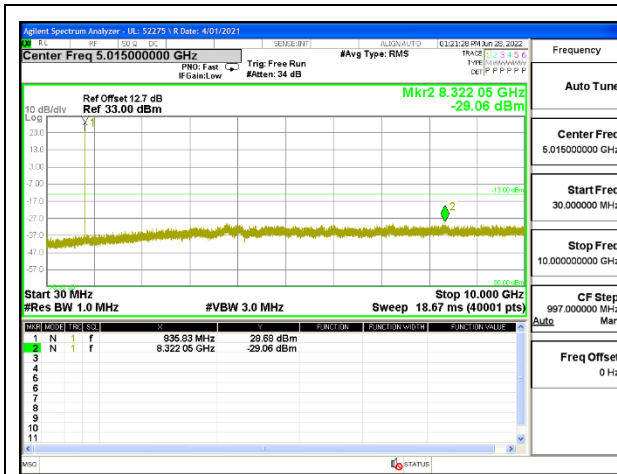
LTE B5 1.4MHz QPSK Middle Channel RB1-0



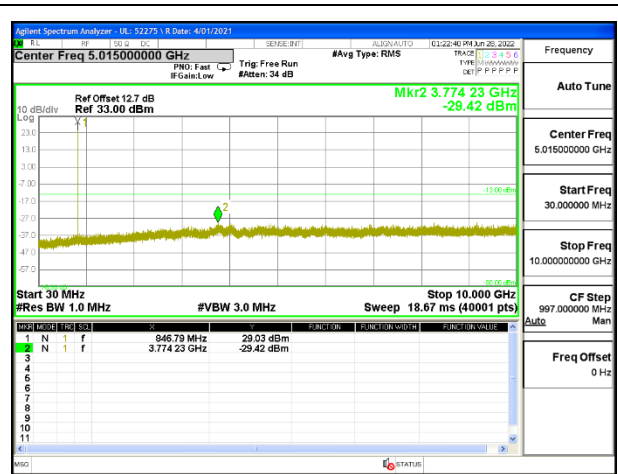
LTE B5 1.4MHz QPSK High Channel RB1-0



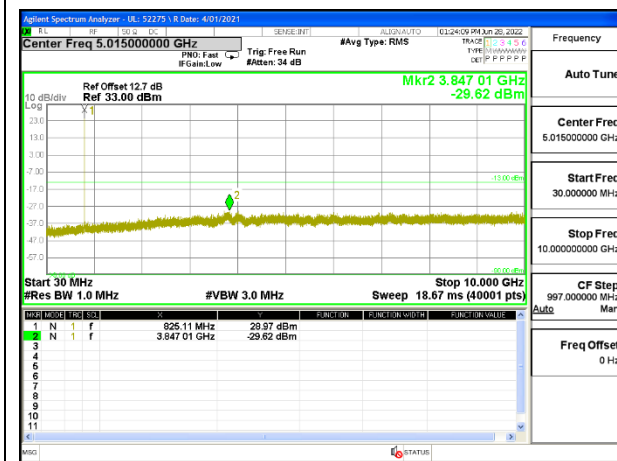
LTE B5 3MHz QPSK Low Channel RB1-0



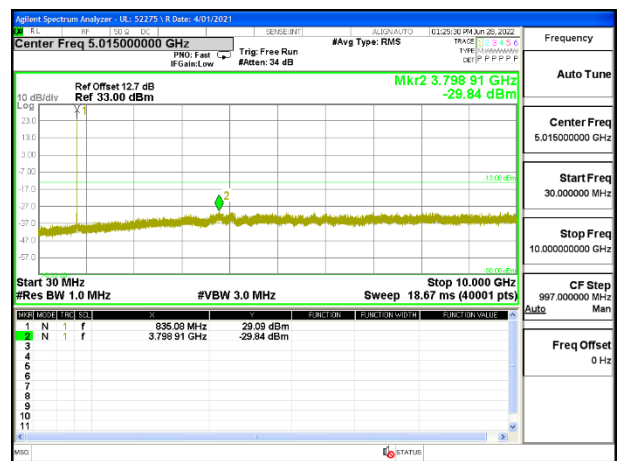
LTE B5 3MHz QPSK Middle Channel RB1-0



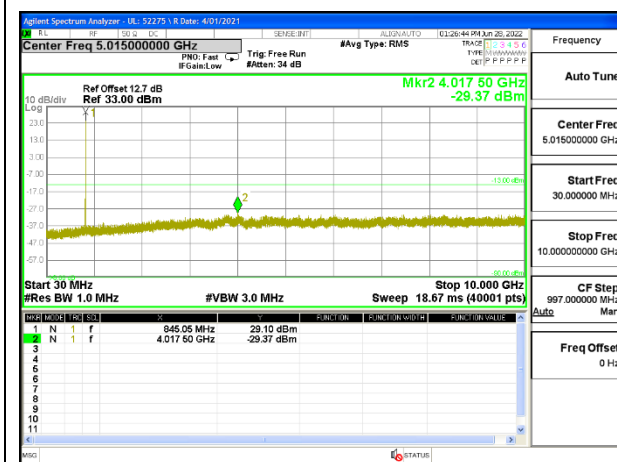
LTE B5 3MHz QPSK High Channel RB1-0



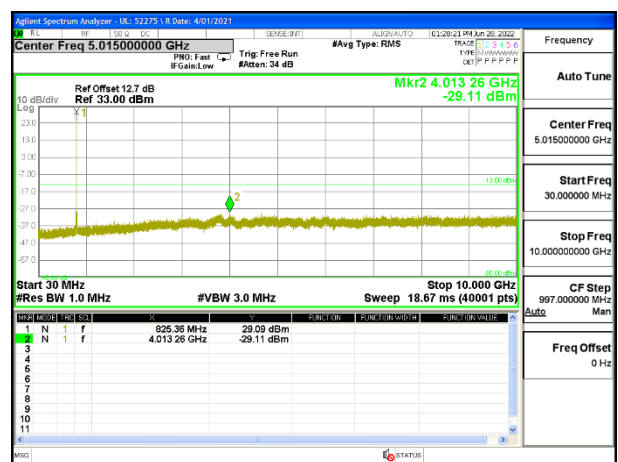
LTE B5 5MHz QPSK Low Channel RB1-0



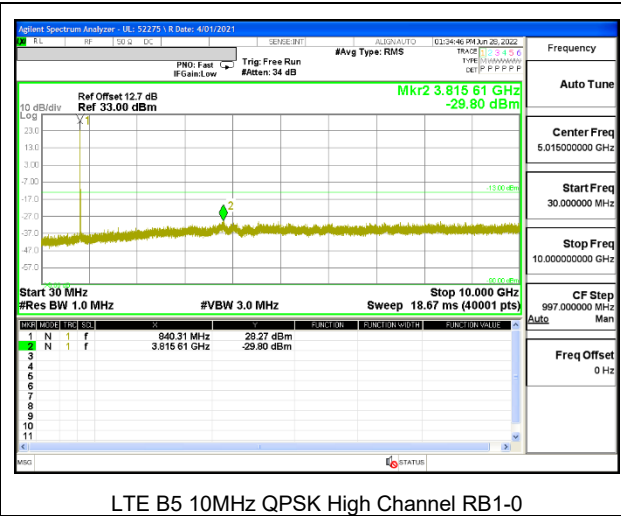
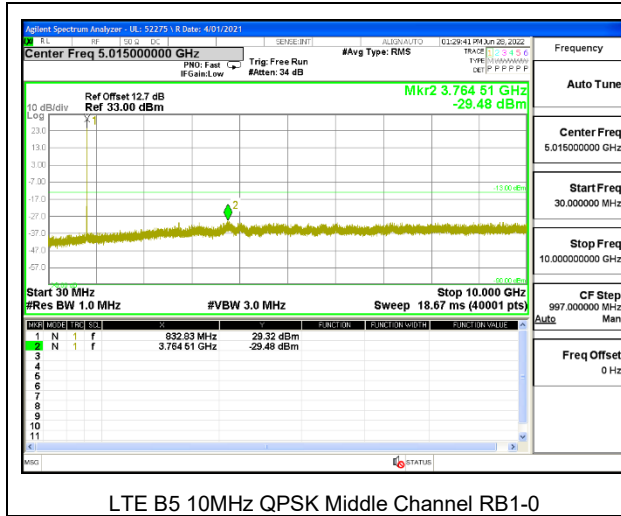
LTE B5 5MHz QPSK Middle Channel RB1-0



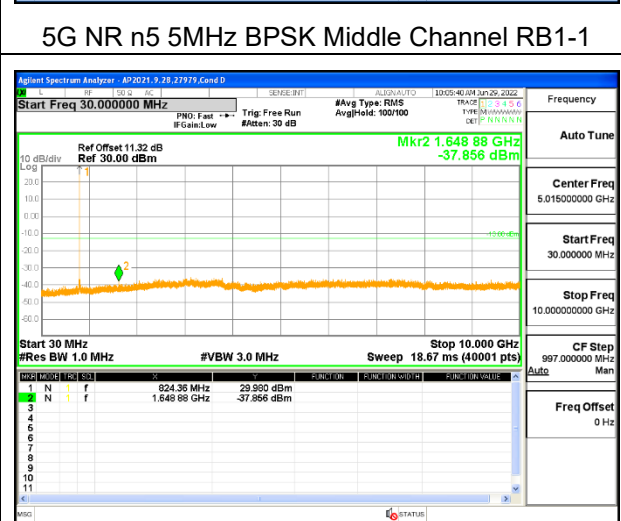
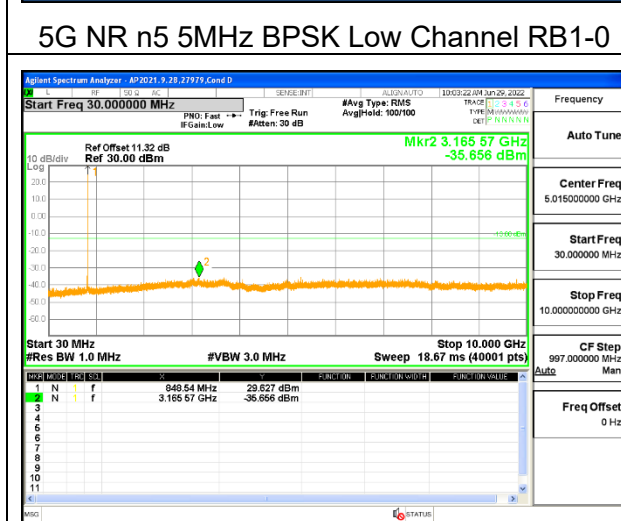
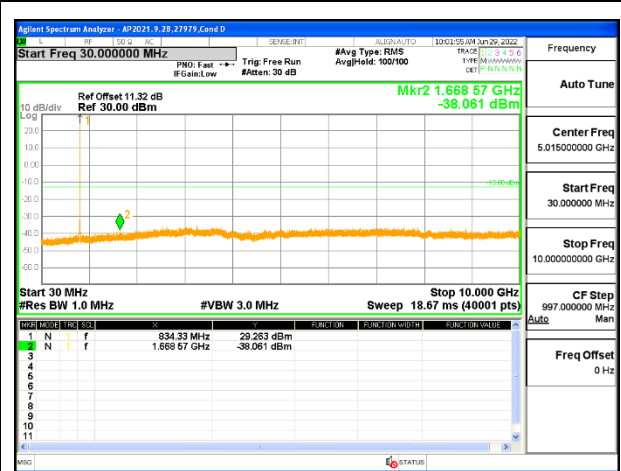
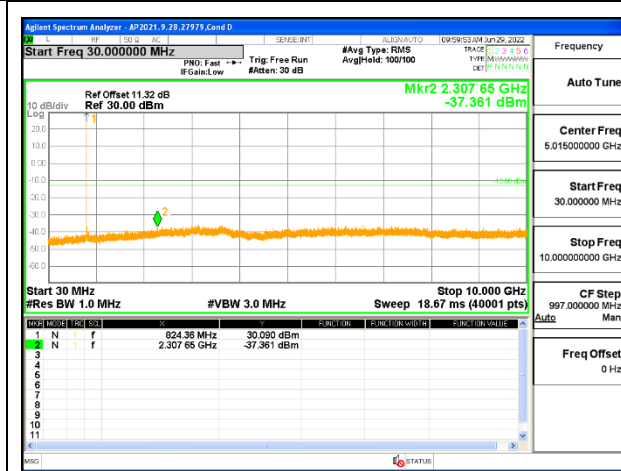
LTE B5 5MHz QPSK High Channel RB1-0

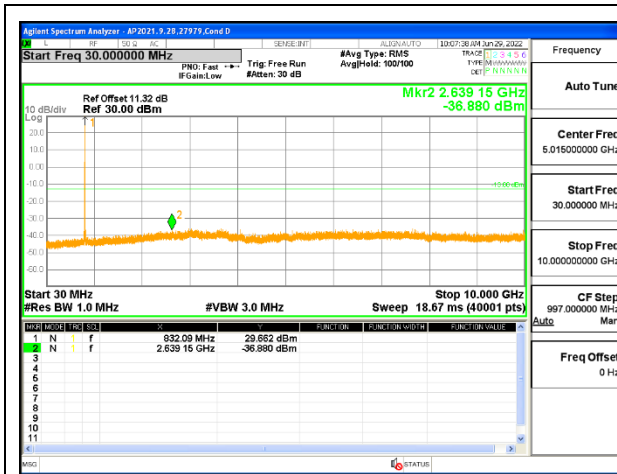


LTE B5 10MHz QPSK Low Channel RB1-0

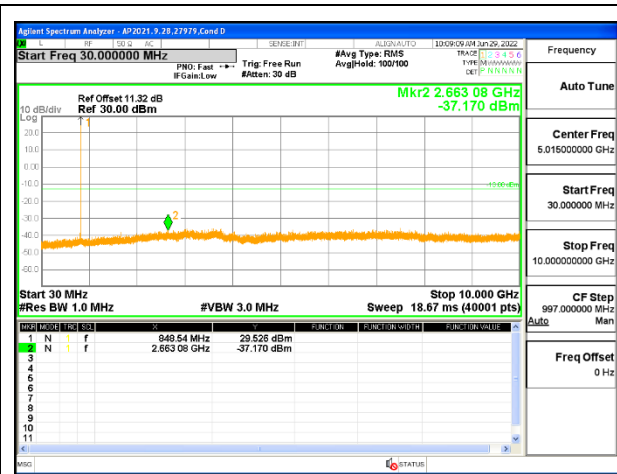


5G NR n5

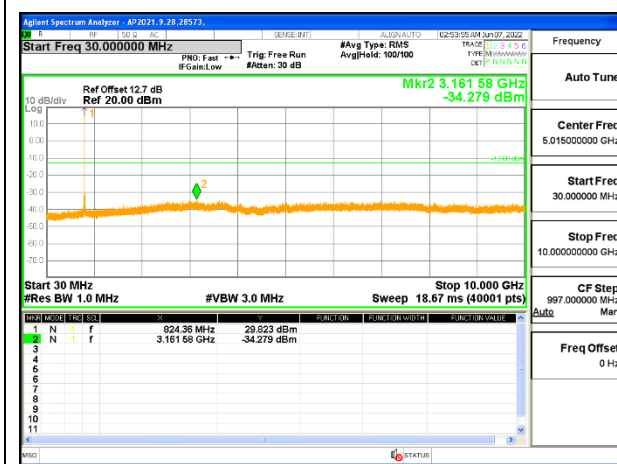




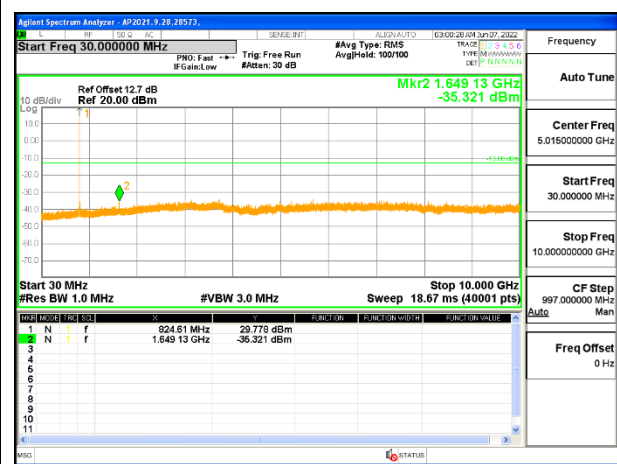
5G NR n5 10MHz BPSK Middle Channel RB1-1



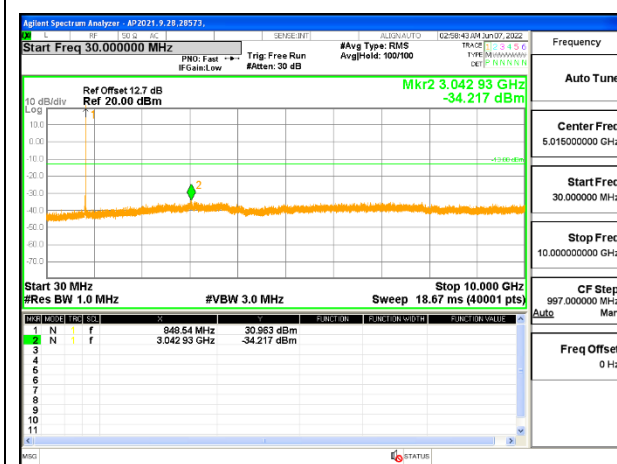
5G NR n5 10MHz BPSK High Channel RB1-51



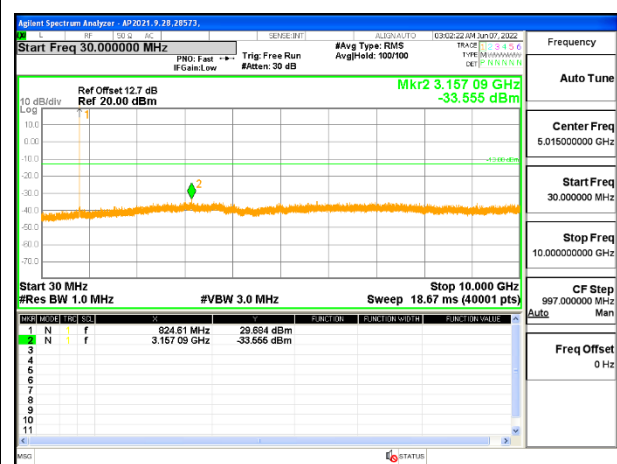
5G NR n5 15MHz BPSK Low Channel RB1-0



5G NR n5 15MHz BPSK Middle Channel RB1-1



5G NR n5 15MHz BPSK High Channel RB1-78



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

