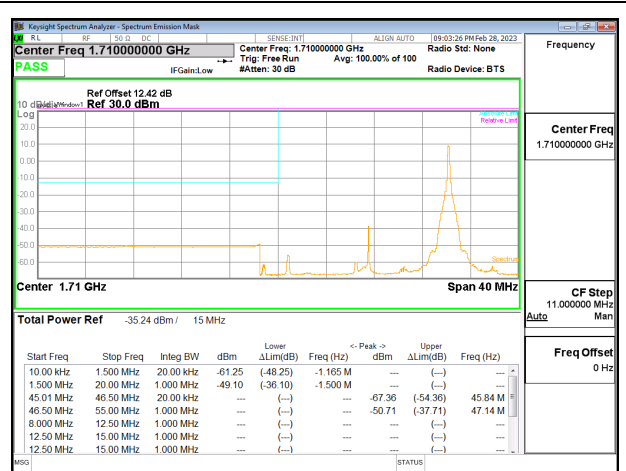
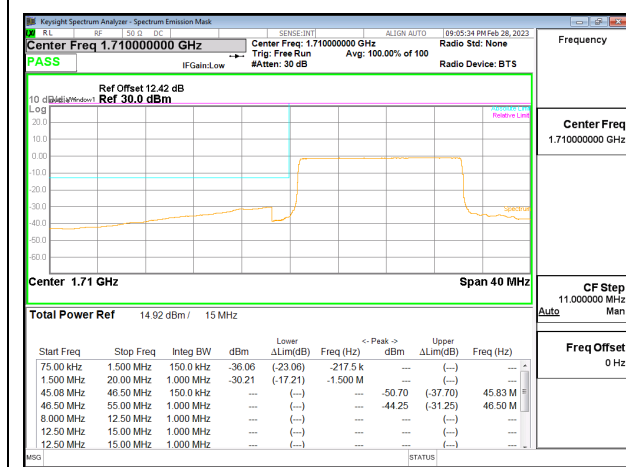


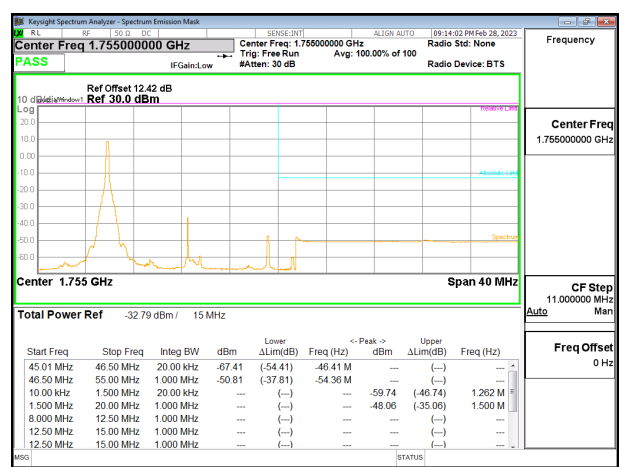
LTE4 15MHz 16QAM LOW Ch RB1-0



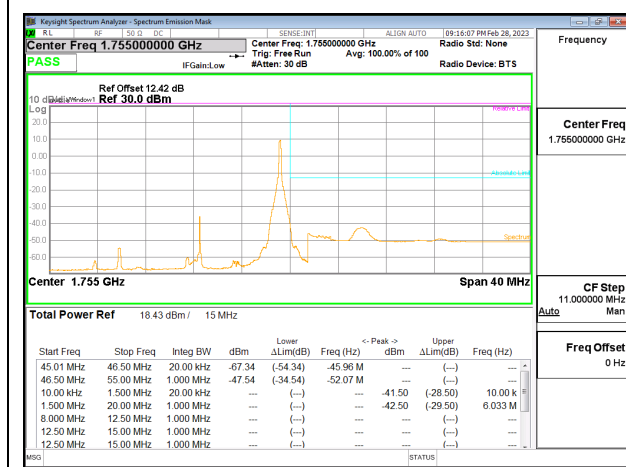
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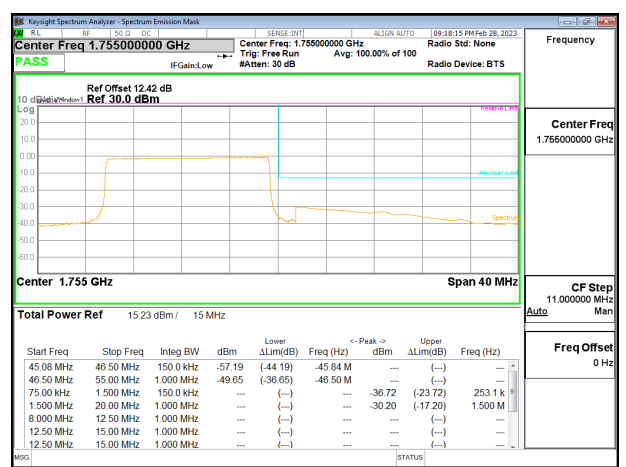
LTE4 15MHz 16QAM LOW Ch RB75-0



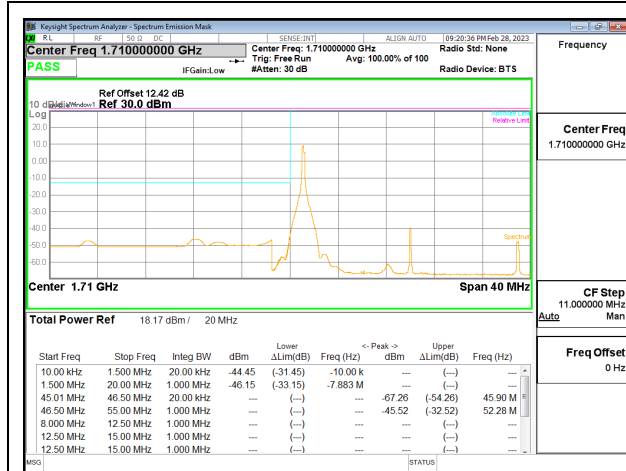
LTE4 15MHz 16QAM HIGH Ch RB1-0



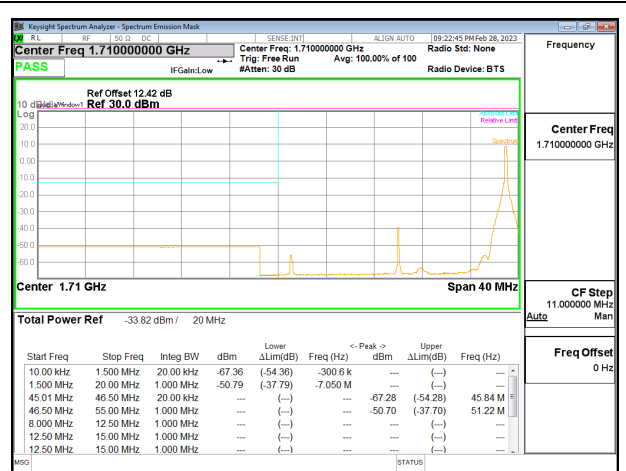
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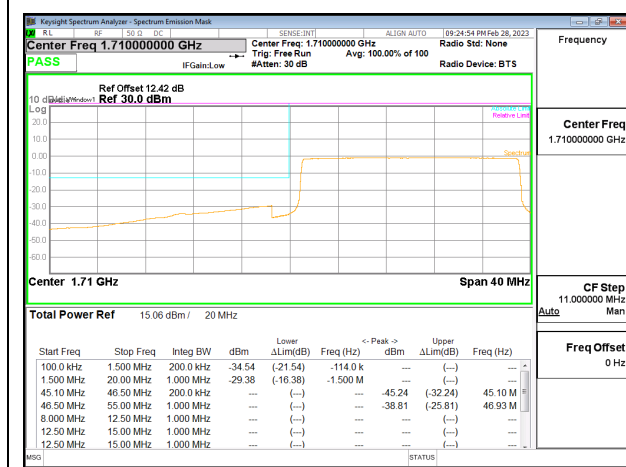
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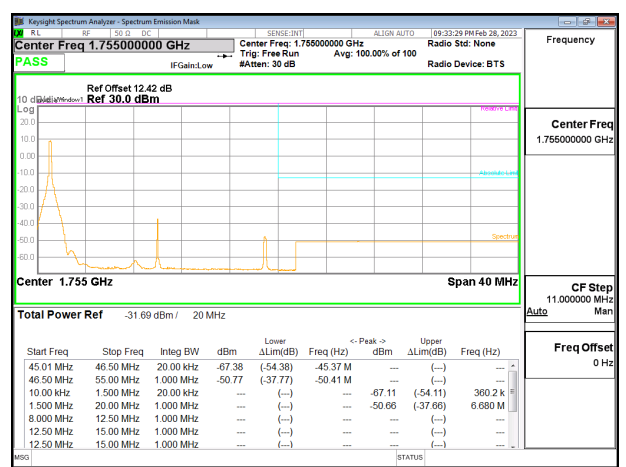
LTE4 20MHz QPSK LOW Ch RB1-0



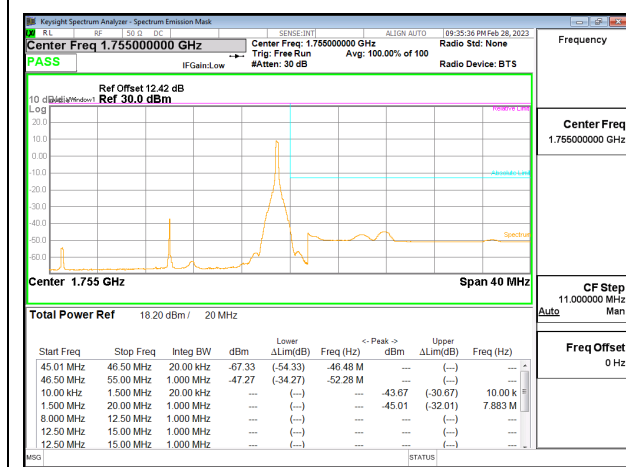
LTE4 20MHz QPSK LOW Ch RB1-99



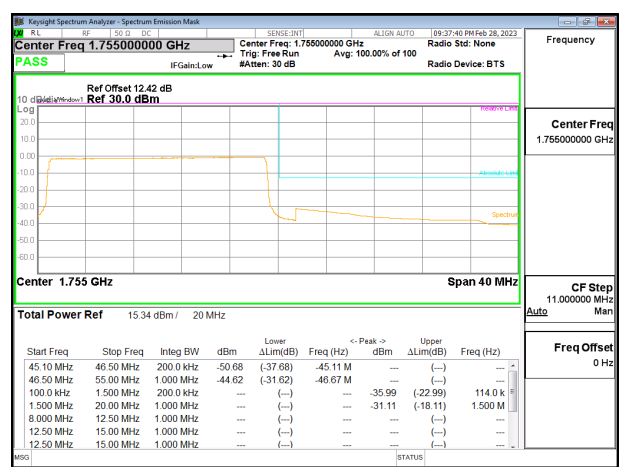
LTE4 20MHz QPSK LOW Ch RB100-0



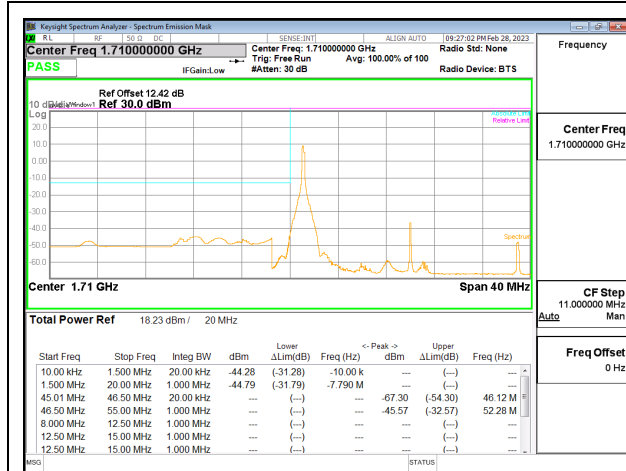
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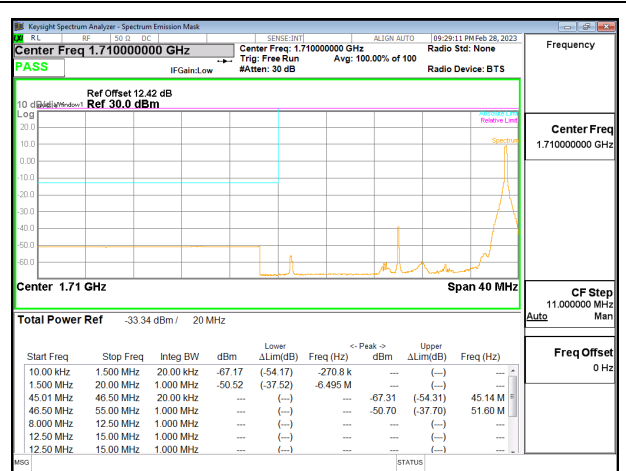
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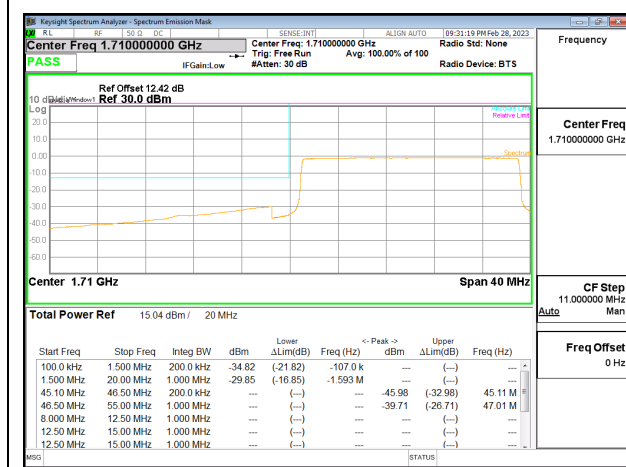
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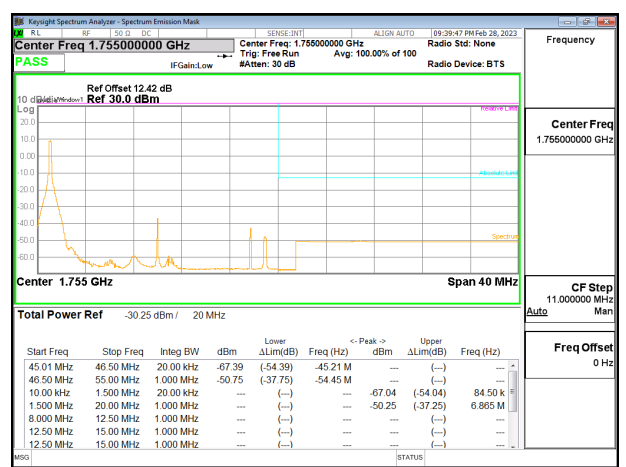
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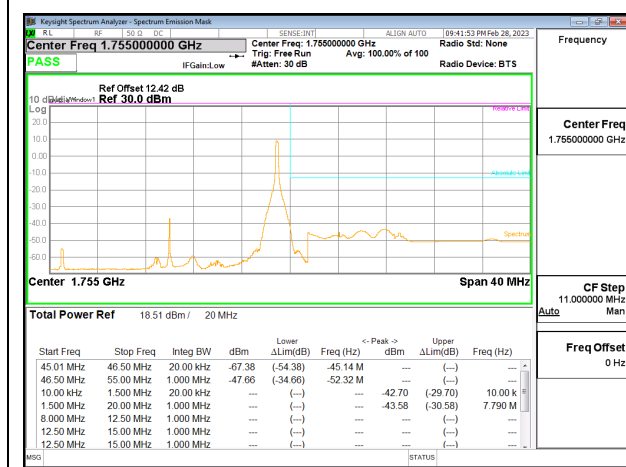
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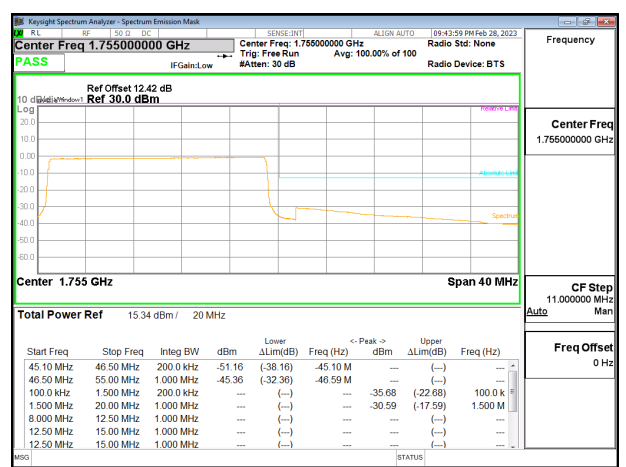
LTE4 20MHz 16QAM LOW Ch RB100-0



LTE4 20MHz 16QAM HIGH Ch RB1-0



LTE4 20MHz 16QAM HIGH Ch RB1-99



LTE4 20MHz 16QAM HIGH Ch RB100-0

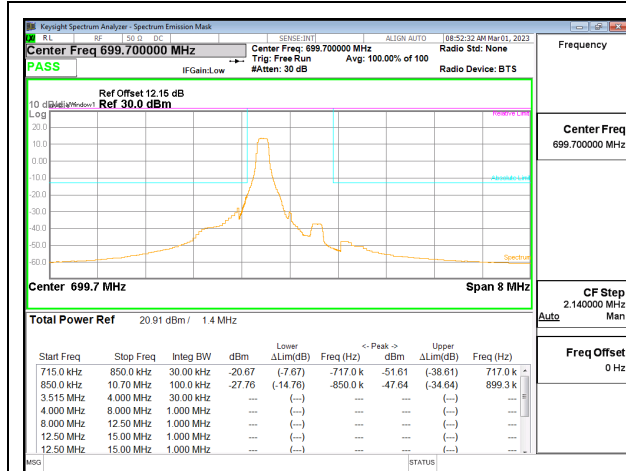
9.2.7. LTE12**LIMITS**

FCC: §27.53

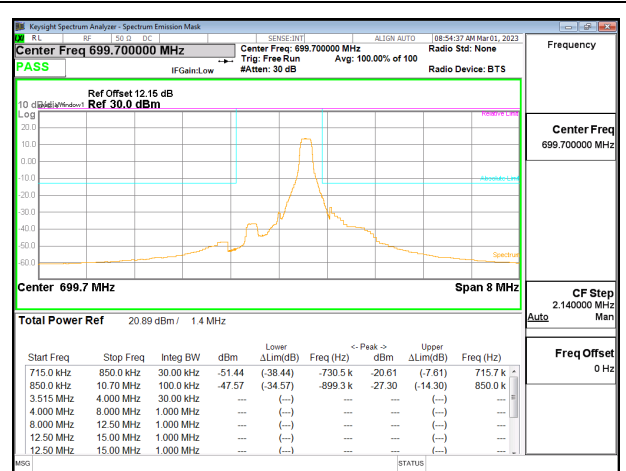
(g) For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log (P)$ dB.

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.

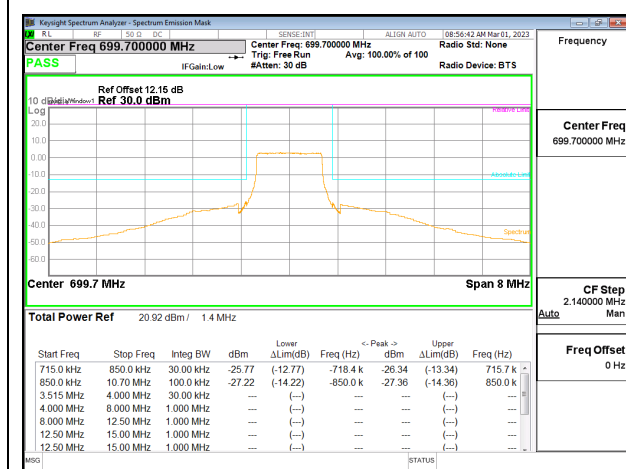
Test Engineer ID:	84740/44389	Test Date:	2023-02-28	EUT Serial Number:	QV7700ADFR
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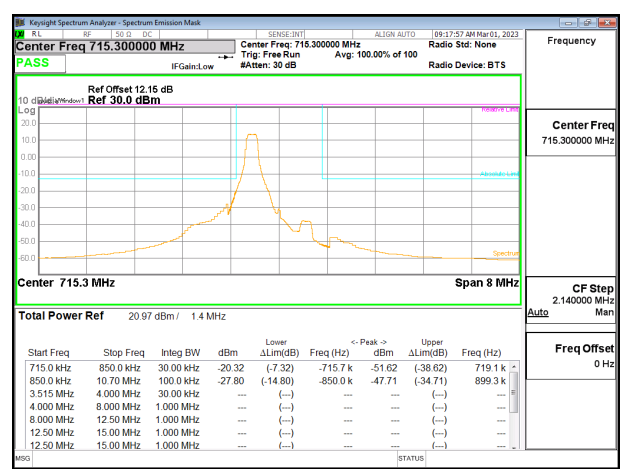
LTE12 1.4MHz QPSK LOW Ch RB1-0



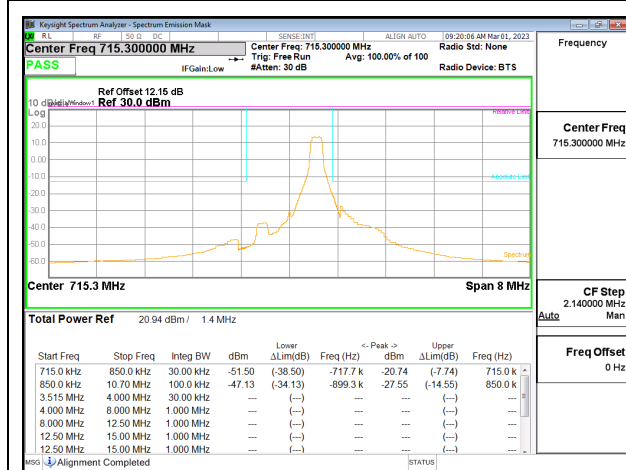
LTE12 1.4MHz QPSK LOW Ch RB1-5



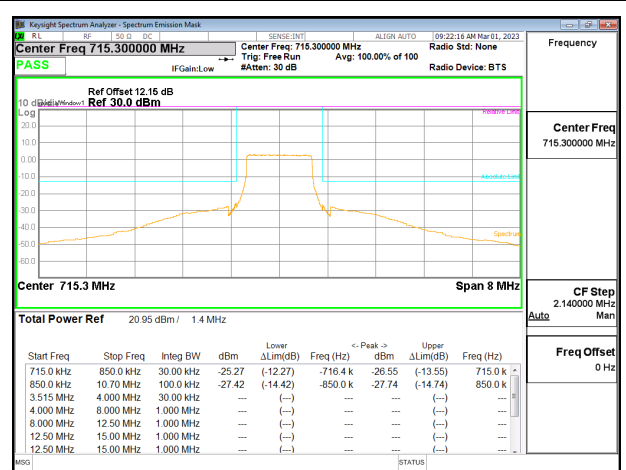
LTE12 1.4MHz QPSK LOW Ch RB6-0



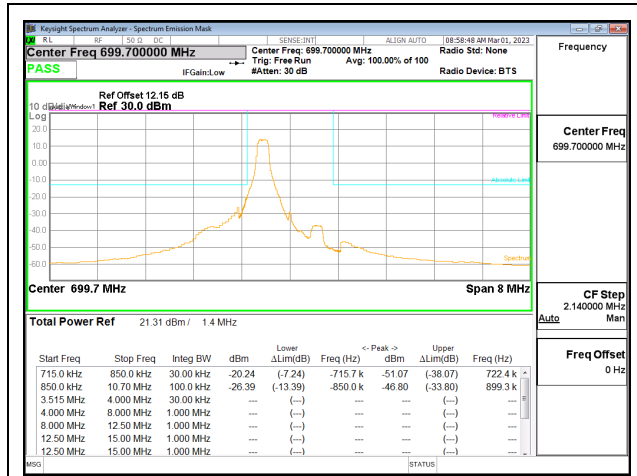
LTE12 1.4MHz QPSK HIGH Ch RB1-0



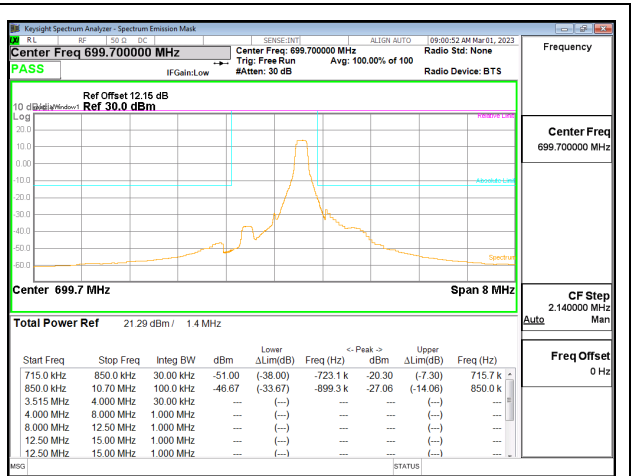
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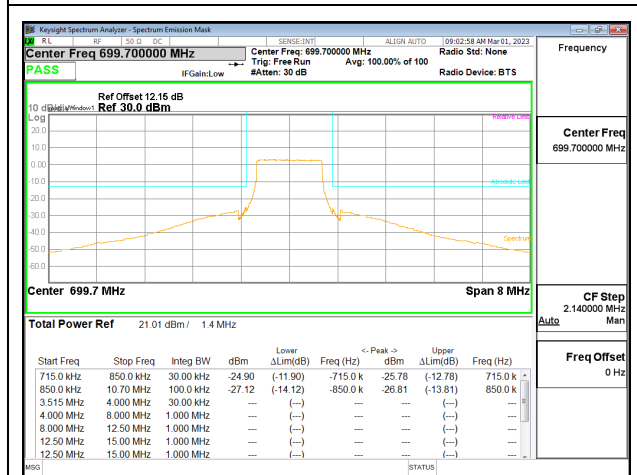
LTE12 1.4MHz QPSK HIGH Ch RB6-0



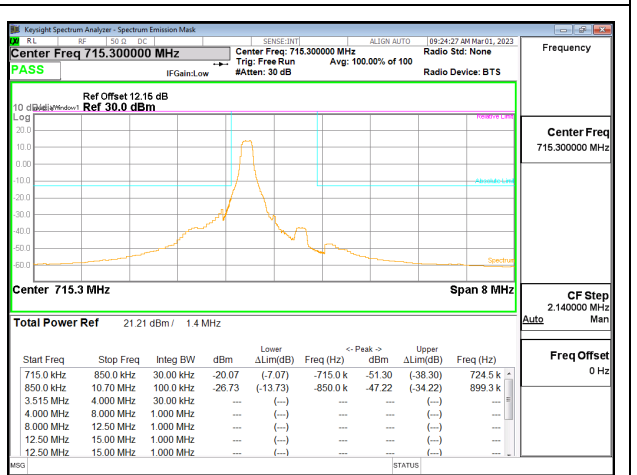
LTE12 1.4MHz 16QAM LOW Ch RB1-0



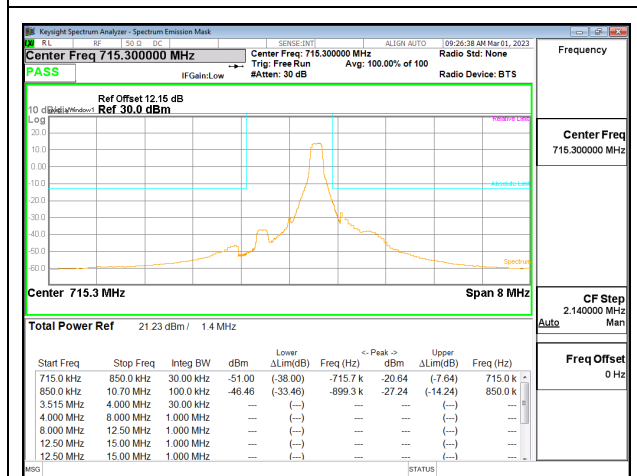
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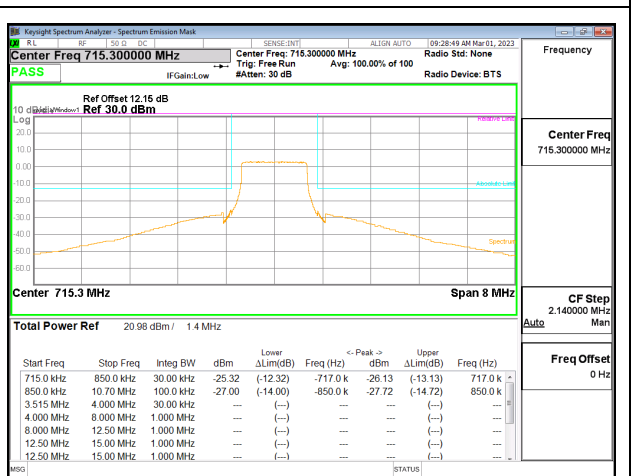
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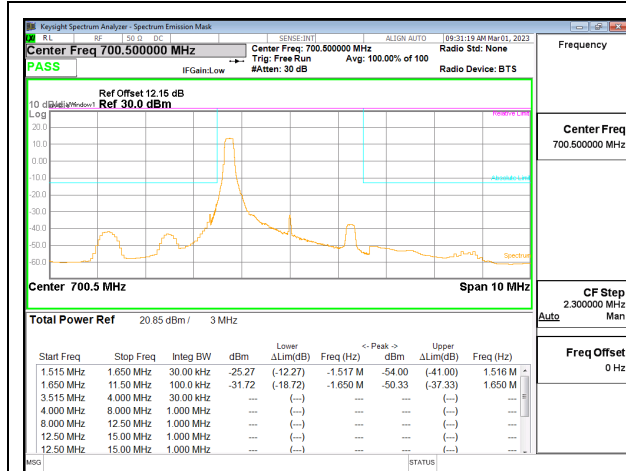
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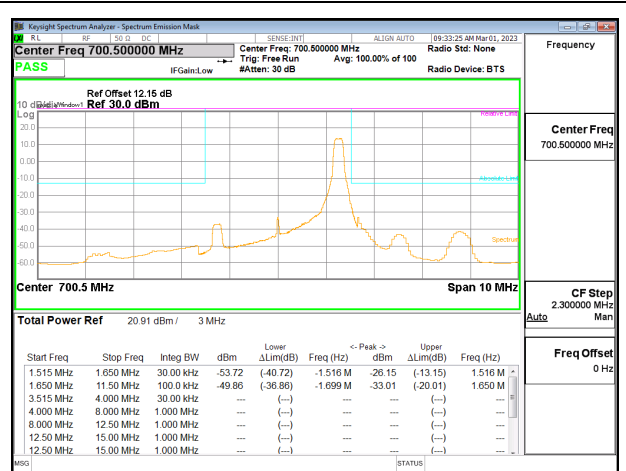
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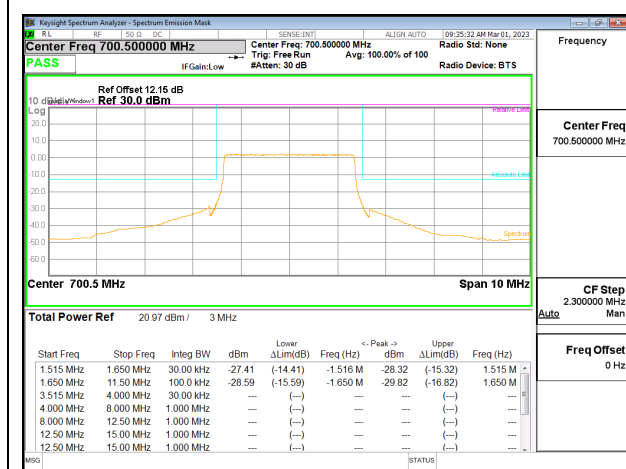
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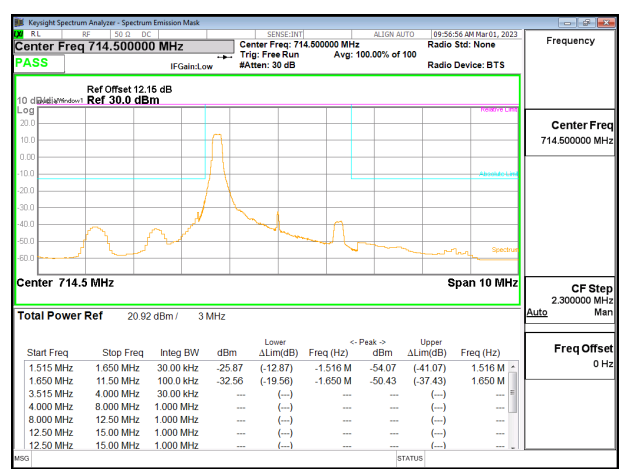
LTE12 3MHz QPSK LOW Ch RB1-0



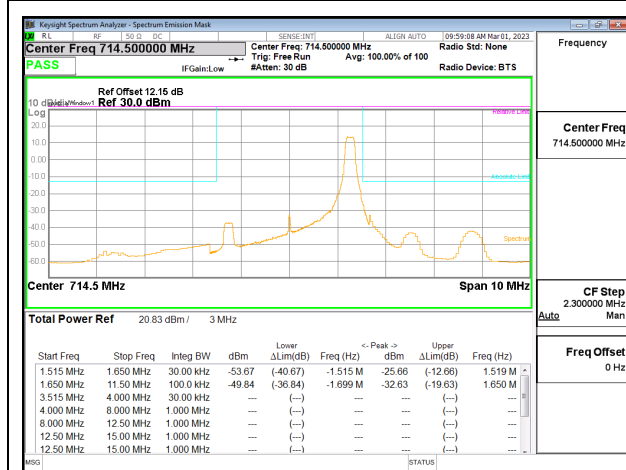
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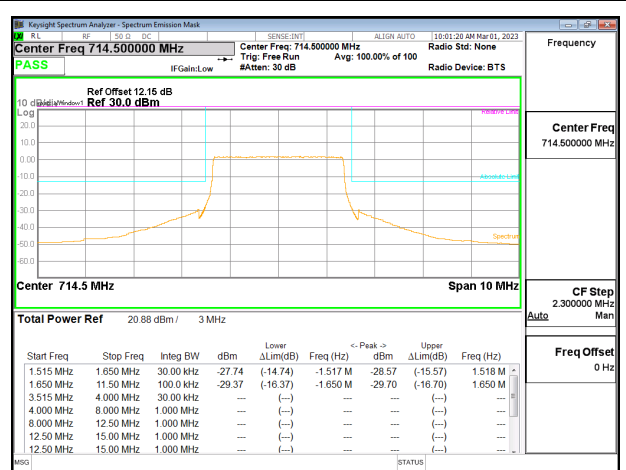
LTE12 3MHz QPSK LOW Ch RB15-0



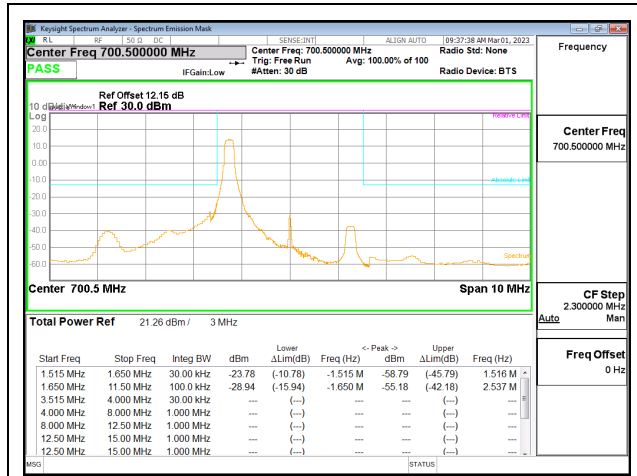
LTE12 3MHz QPSK HIGH Ch RB1-0



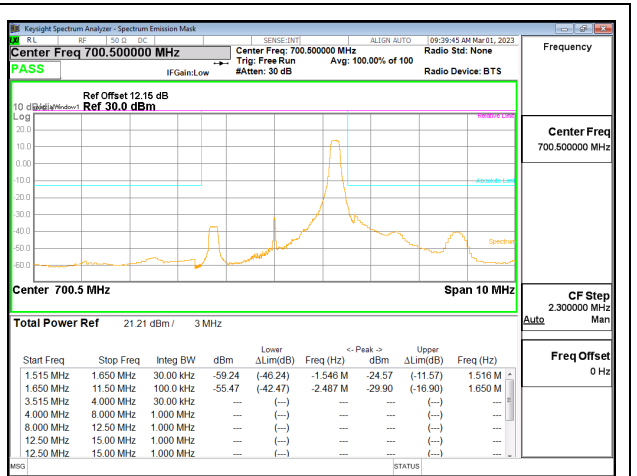
LTE12 3MHz QPSK HIGH Ch RB1-14



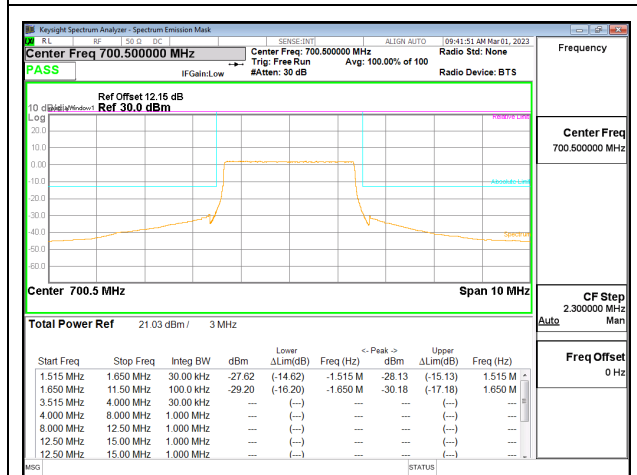
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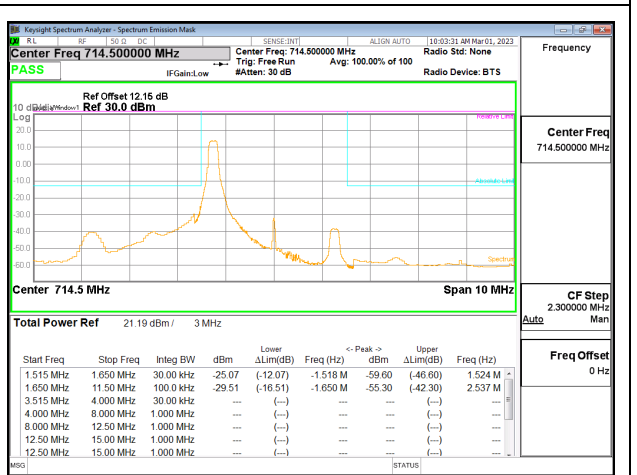
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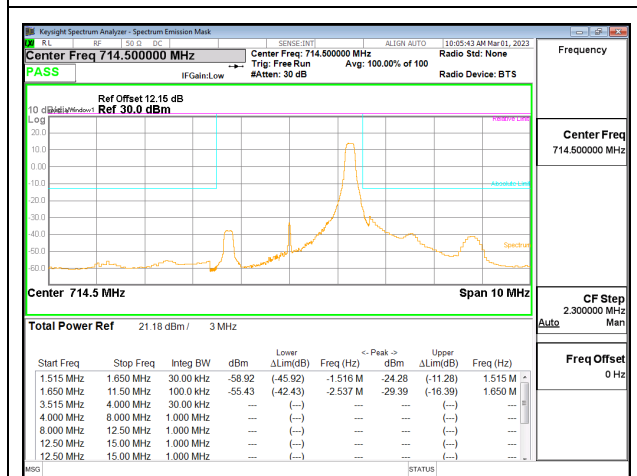
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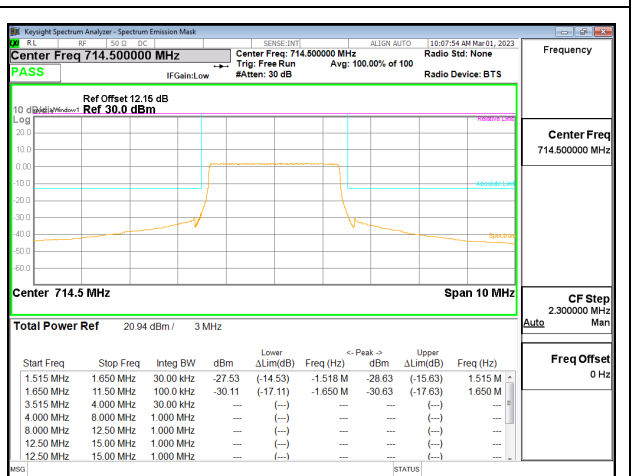
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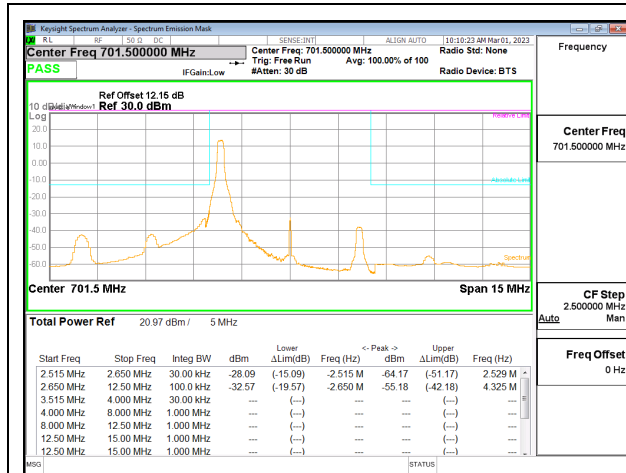
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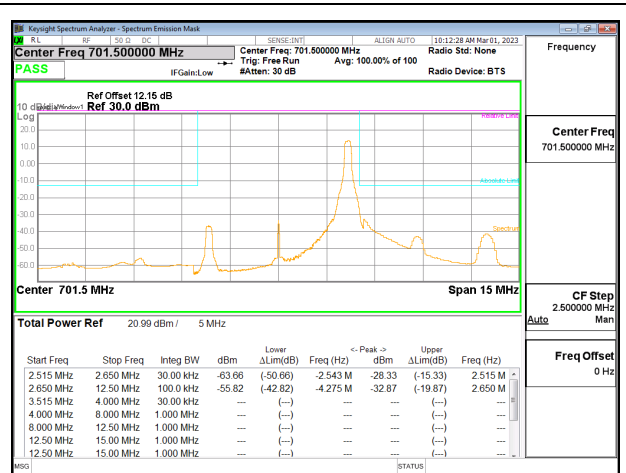
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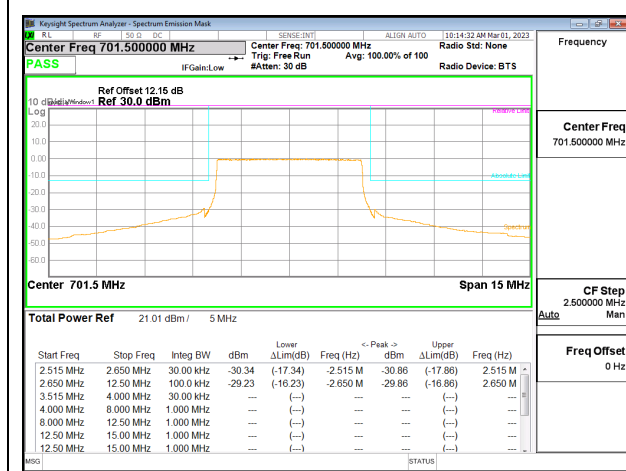
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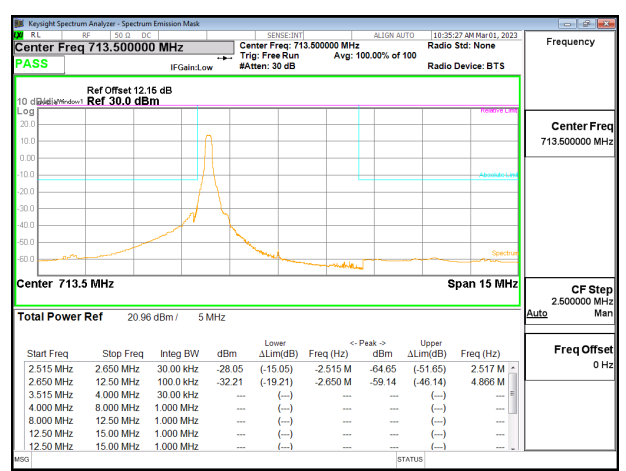
LTE12 5MHz QPSK LOW Ch RB1-0



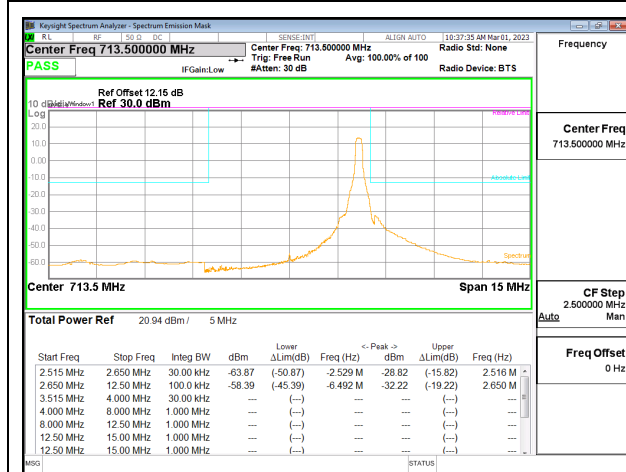
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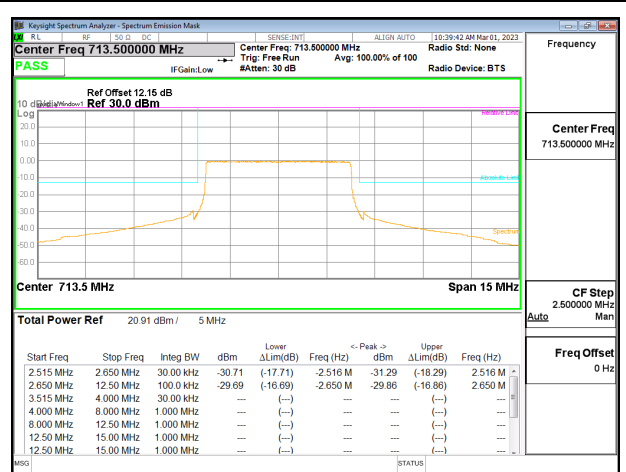
LTE12 5MHz QPSK LOW Ch RB25-0



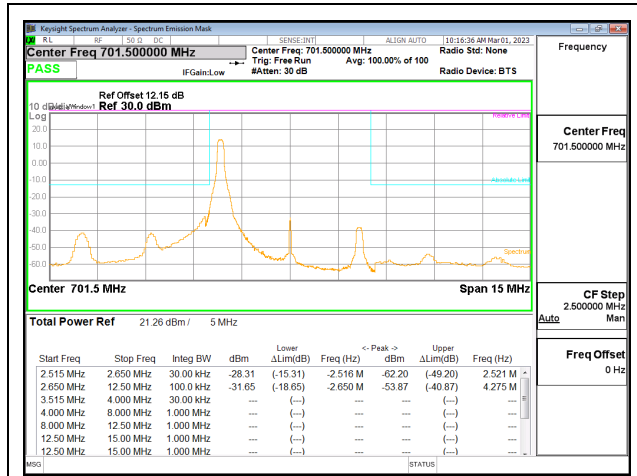
LTE12 5MHz QPSK HIGH Ch RB1-0



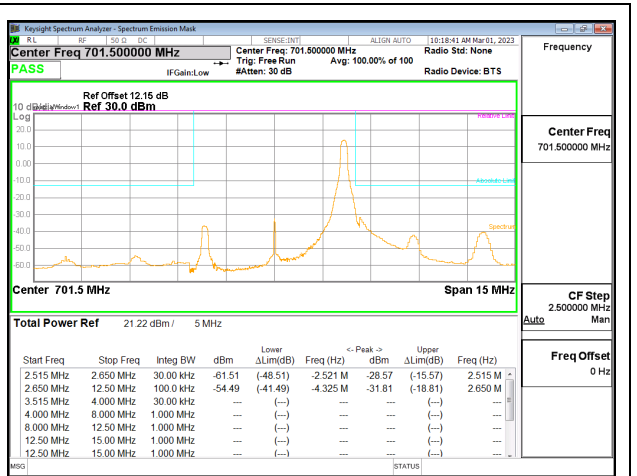
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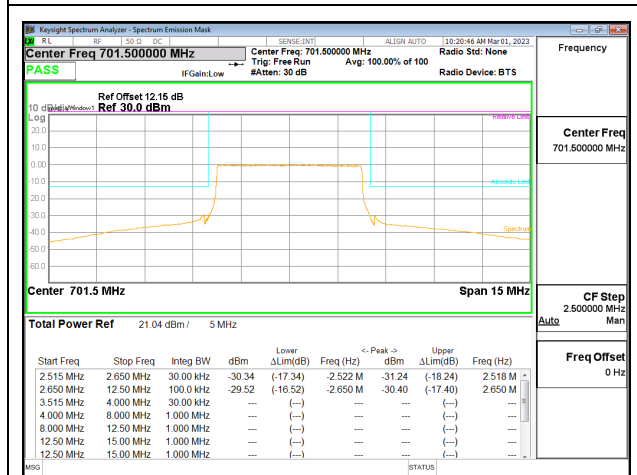
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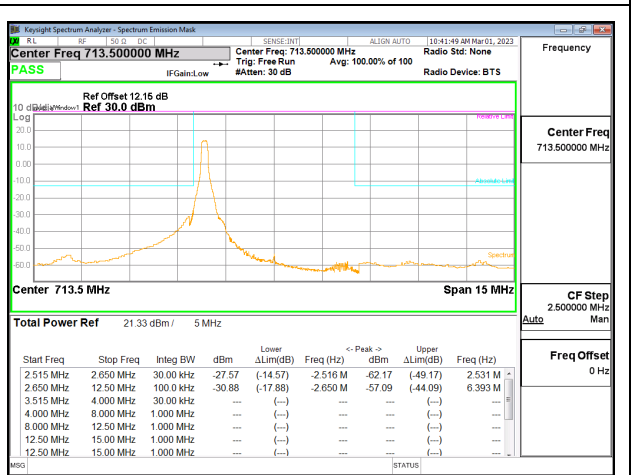
LTE12 5MHz 16QAM LOW Ch RB1-0



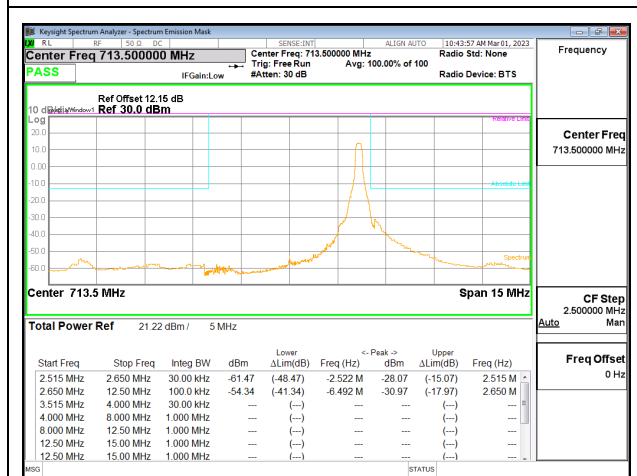
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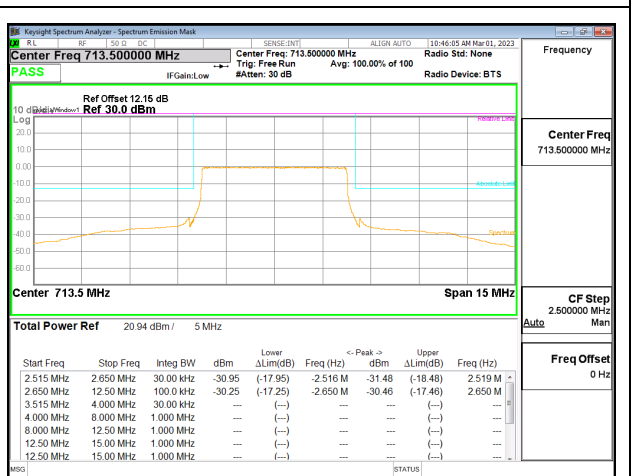
LTE12 5MHz 16QAM LOW Ch RB25-0



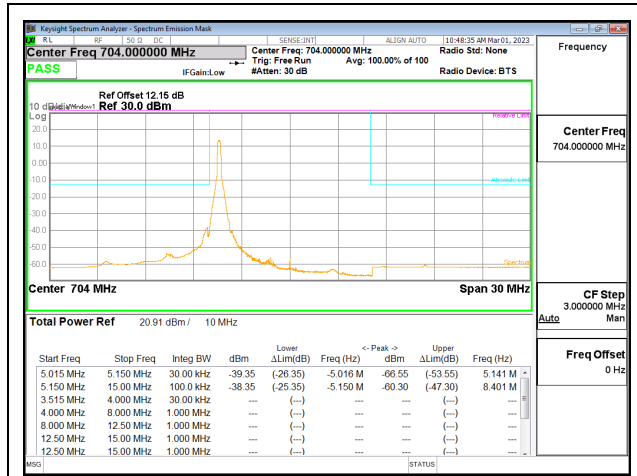
LTE12 5MHz 16QAM HIGH Ch RB1-0



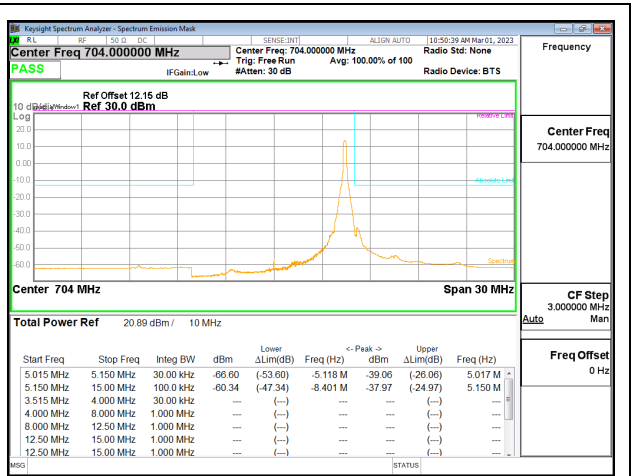
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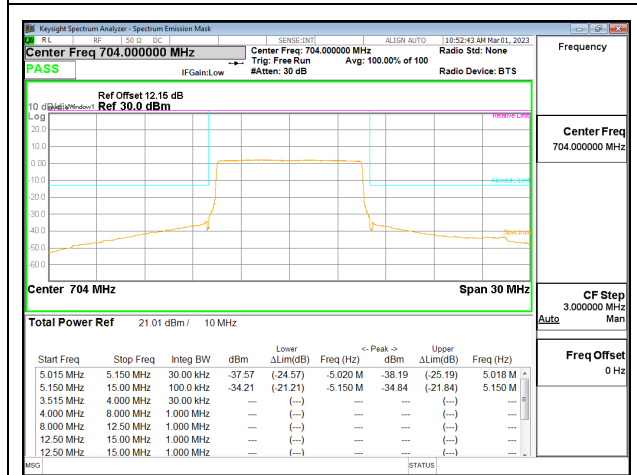
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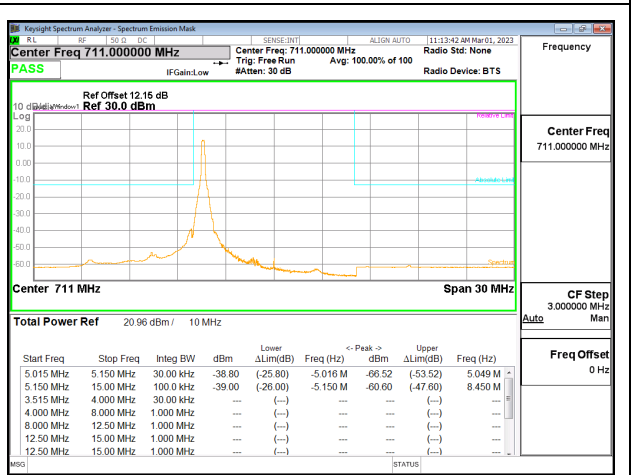
LTE12 10MHz QPSK LOW Ch RB1-0



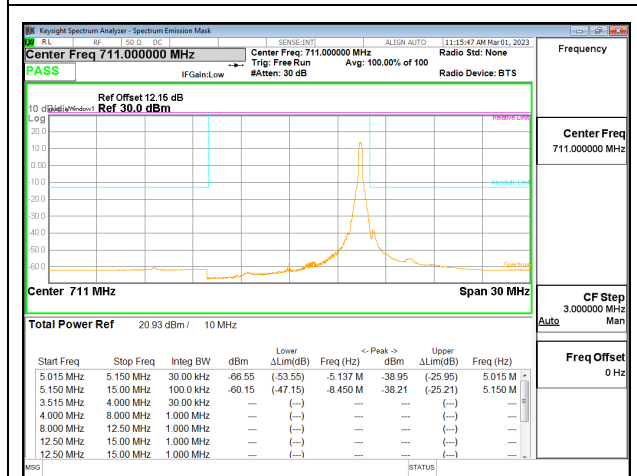
LTE12 10MHz QPSK LOW Ch RB1-49



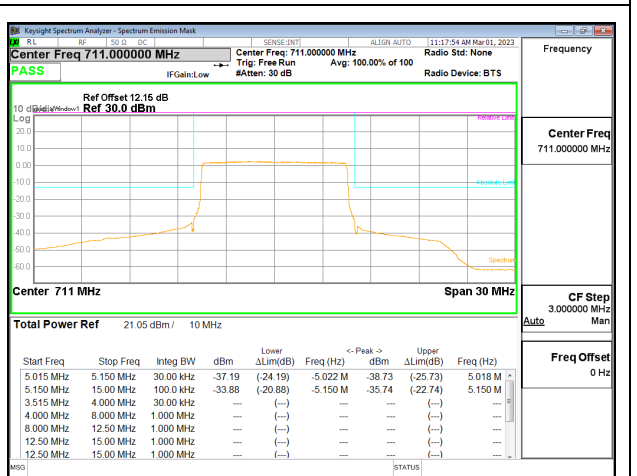
LTE12 10MHz QPSK LOW Ch RB50-0



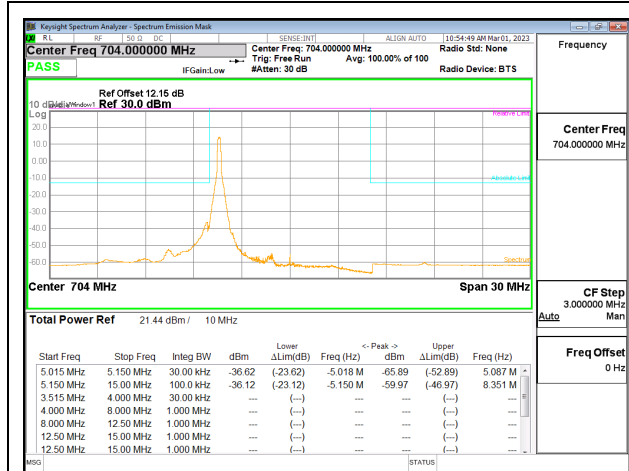
LTE12 10MHz QPSK HIGH Ch RB1-0



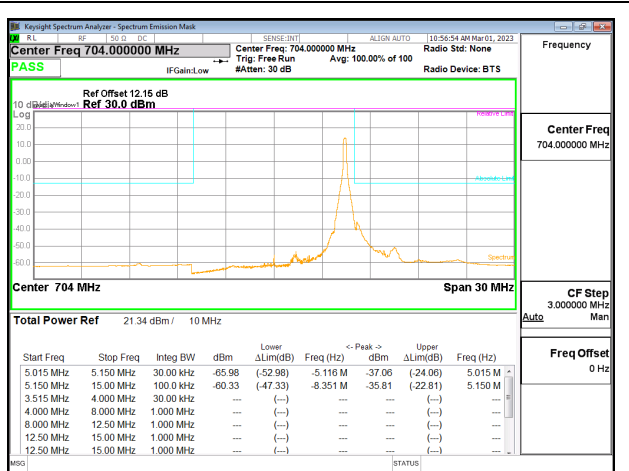
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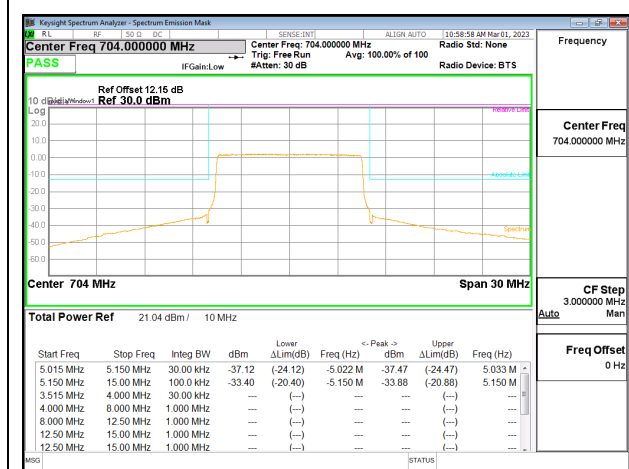
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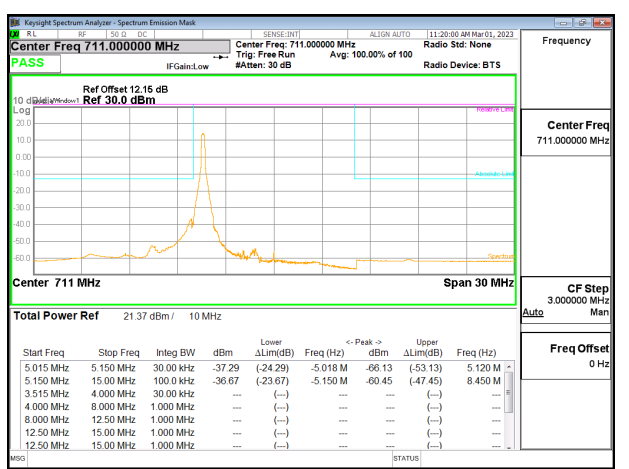
LTE12 10MHz 16QAM LOW Ch RB1-0



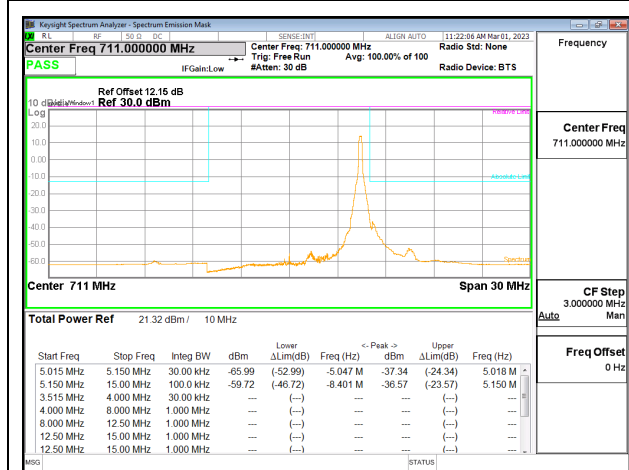
LTE12 10MHz 16QAM LOW Ch RB1-49



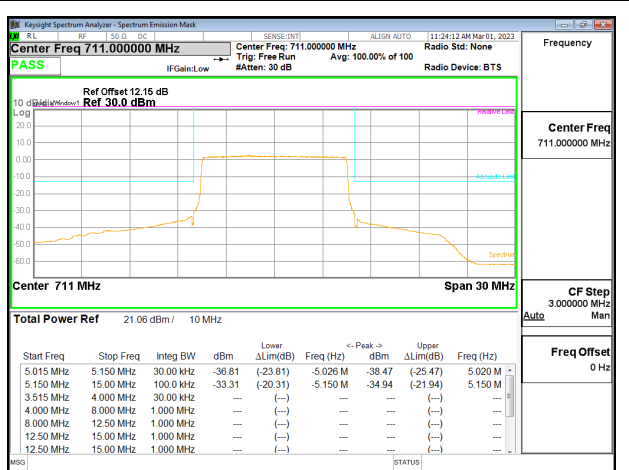
LTE12 10MHz 16QAM LOW Ch RB50-0



LTE12 10MHz 16QAM HIGH Ch RB1-0



LTE12 10MHz 16QAM HIGH Ch RB1-49



LTE12 10MHz 16QAM HIGH Ch RB50-0

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.

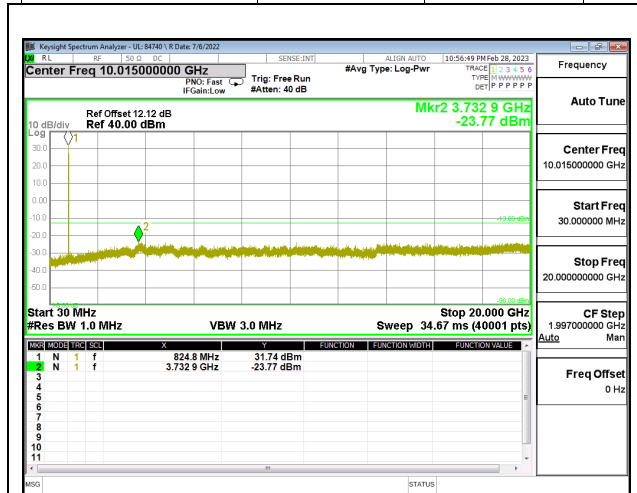
For each out of band emissions measurement:

- (v) Set display line at -13 dBm, -25dBm and -40dBm according to the band Limit
- (vi) 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)

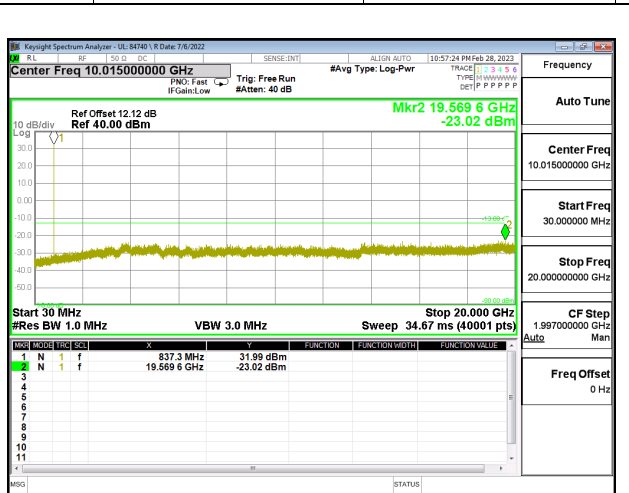
RESULTS

9.3.1. GSM GSM850

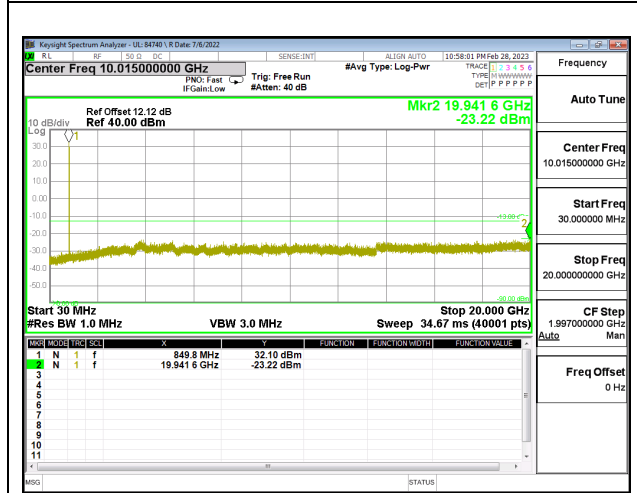
Test Engineer ID: 84740/44389 Test Date: 2023-02-28 EUT Serial Number: QV7700ADFR



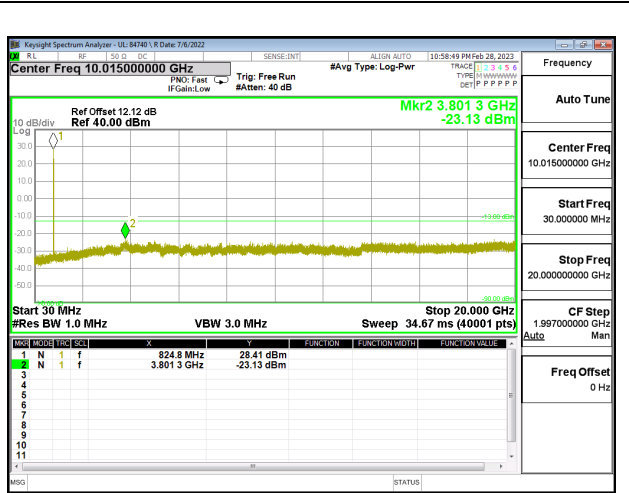
GSM850 GPRS LOW Channel



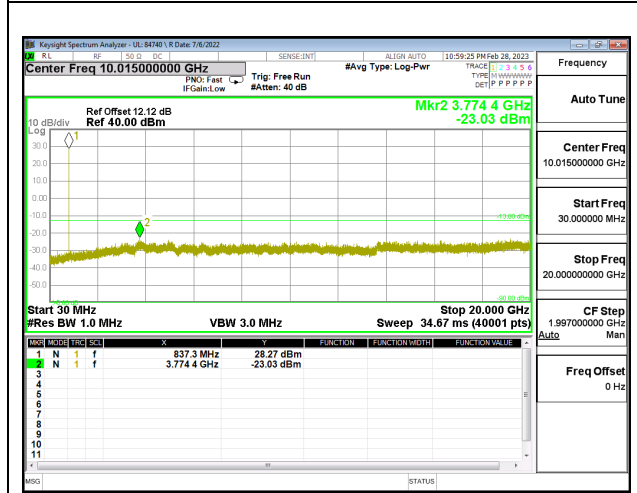
GSM850 GPRS MID Channel



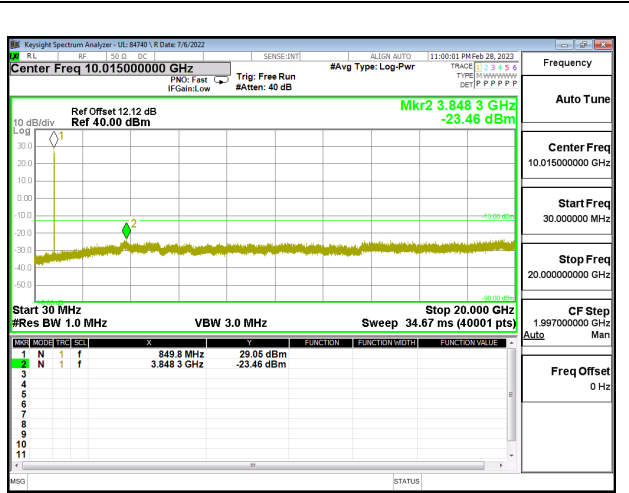
GSM850 GPRS HIGH Channel



GSM850 EGPRS LOW Channel



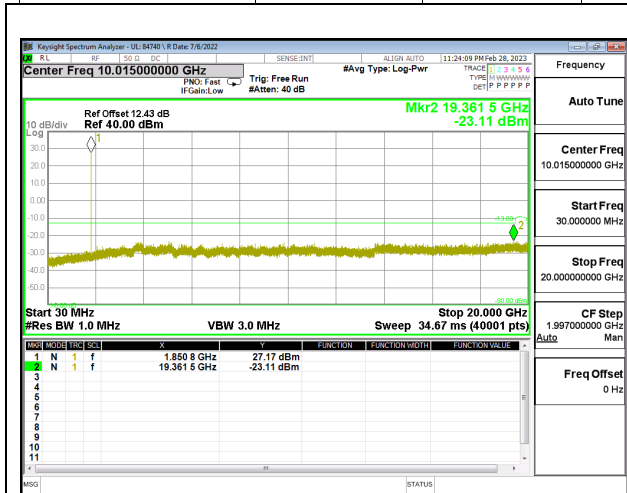
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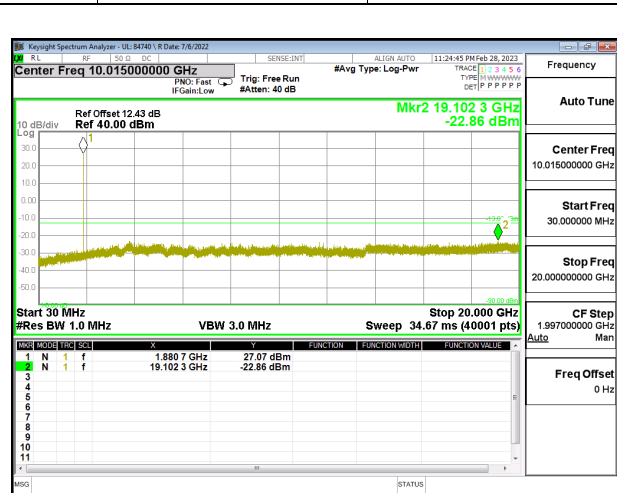
GSM850 EGPRS HIGH Channel

9.3.2. GSM GSM1900

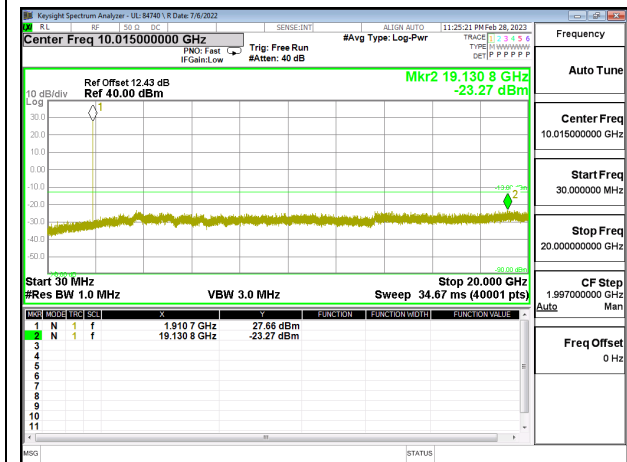
Test Engineer ID: 84740/44389 Test Date: 2023-02-28 EUT Serial Number: QV7700ADFR



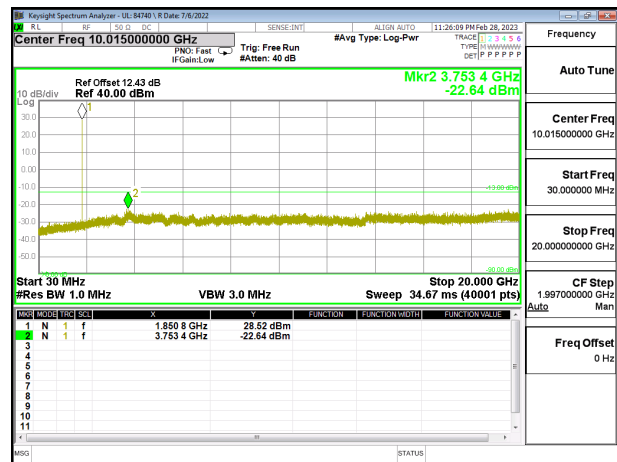
GSM1900 GPRS LOW Channel



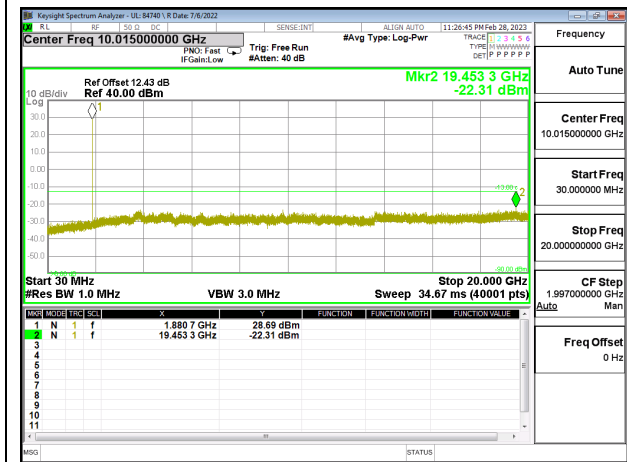
GSM1900 GPRS MID Channel



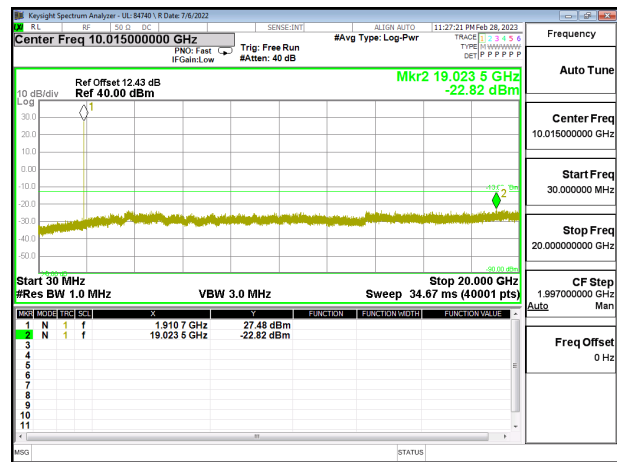
GSM1900 GPRS HIGH Channel



GSM1900 EGPRS LOW Channel



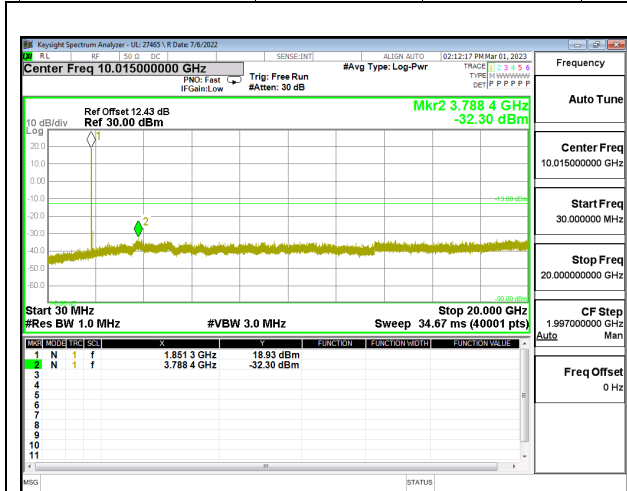
GSM1900 EGPRS MID Channel



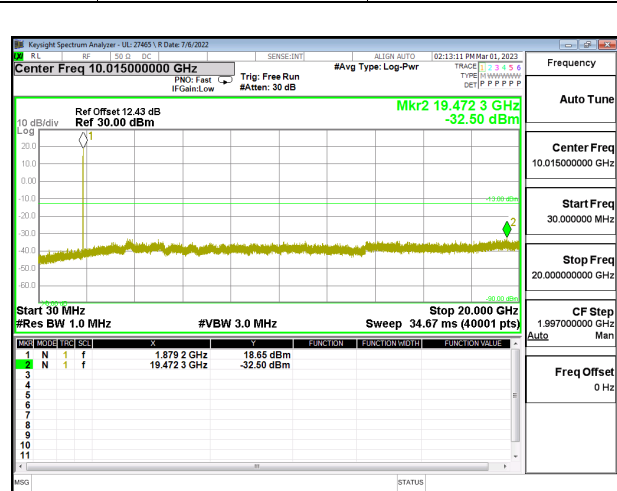
GSM1900 EGPRS HIGH Channel

9.3.3. WCDMA2

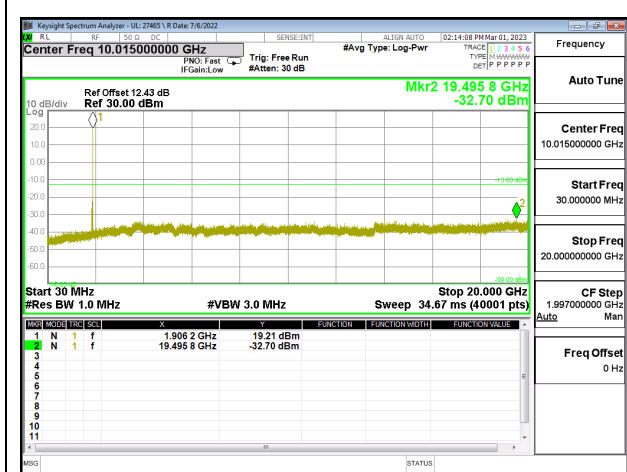
Test Engineer ID: 84740/44389 Test Date: 2023-02-28 EUT Serial Number: QV7700ADFR



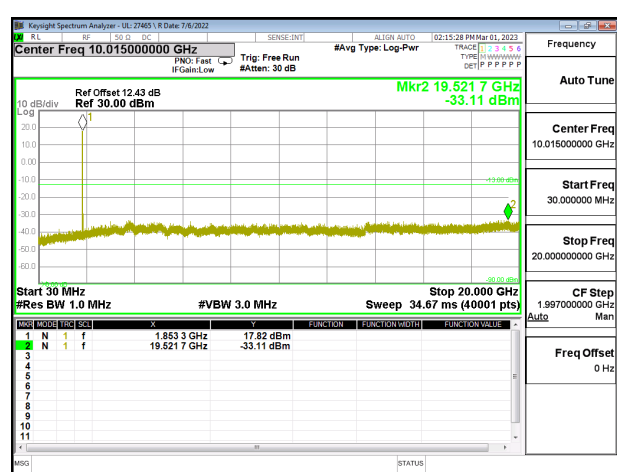
WCDMA2 REL 99 LOW Channel



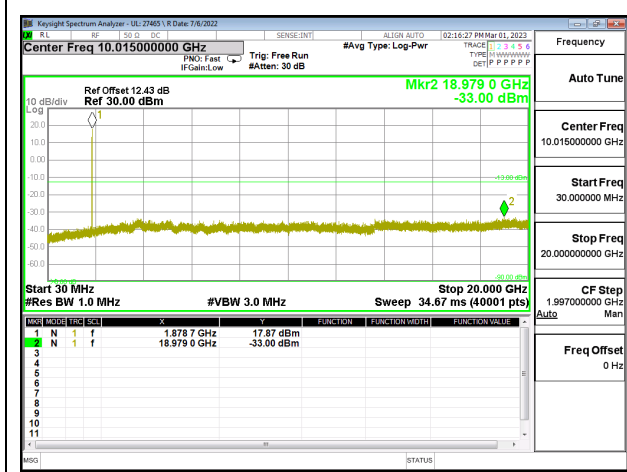
WCDMA2 REL 99 MID Channel



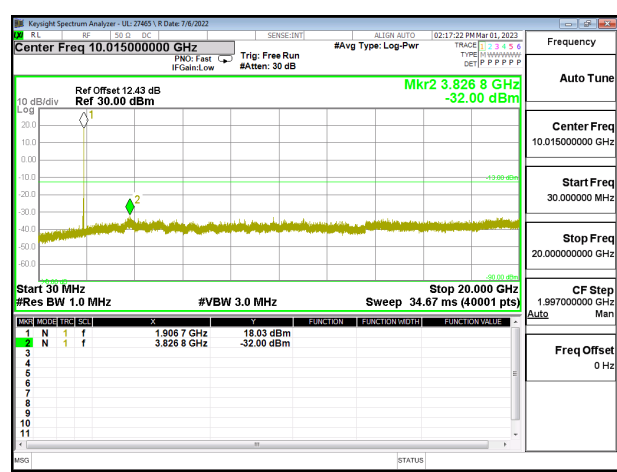
WCDMA2 REL 99 HIGH Channel



WCDMA2 HSDPA LOW Channel



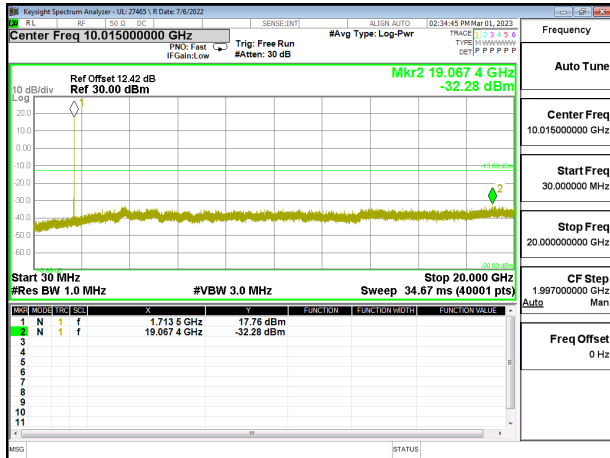
WCDMA2 HSDPA MID Channel



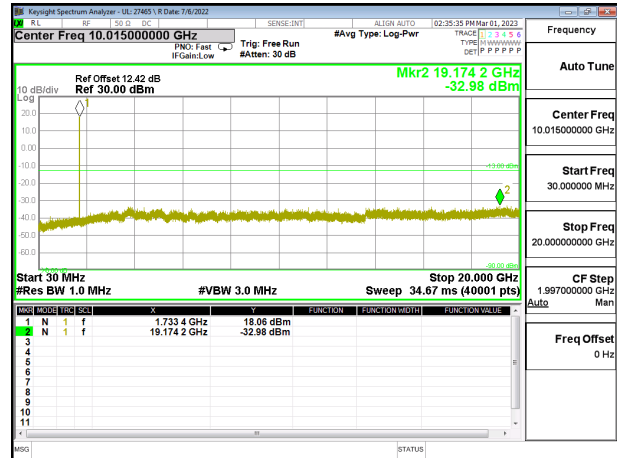
WCDMA2 HSDPA HIGH Channel

9.3.4. WCDMA4

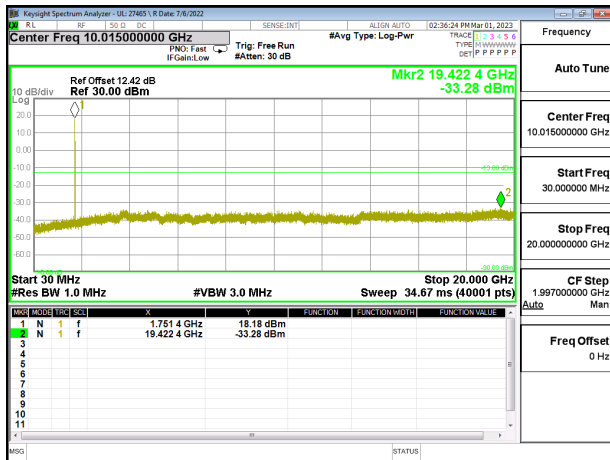
Test Engineer ID: 27465/44389 Test Date: 2023-02-28 EUT Serial Number: QV7700ADFR



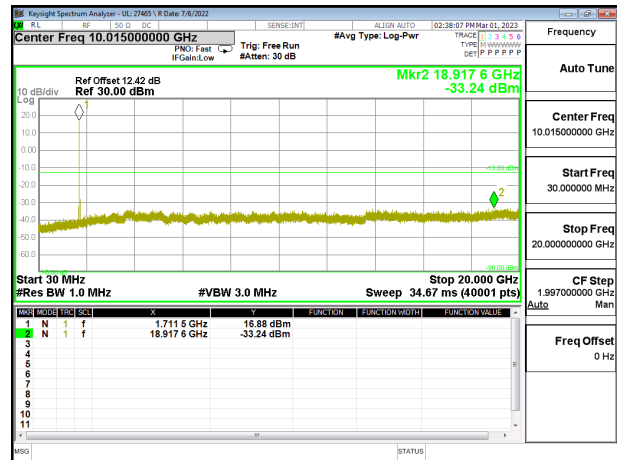
WCDMA4 REL 99 LOW Channel



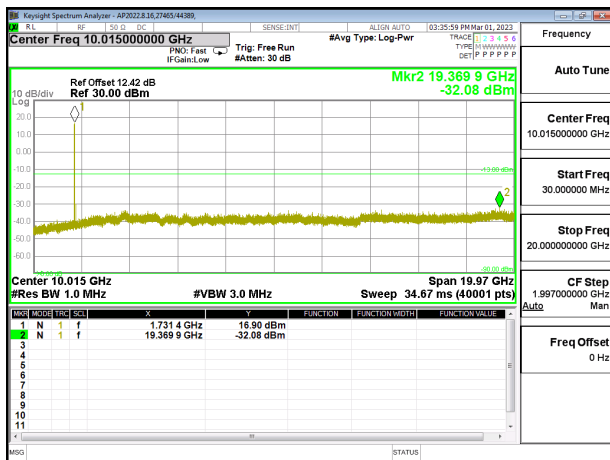
WCDMA4 REL 99 MID Channel



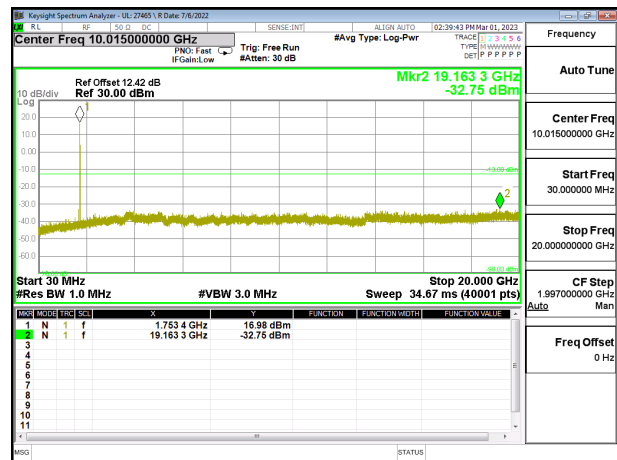
WCDMA4 REL 99 HIGH Channel



WCDMA4 HSDPA LOW Channel



WCDMA4 HSDPA MID Channel



WCDMA4 HSDPA HIGH Channel

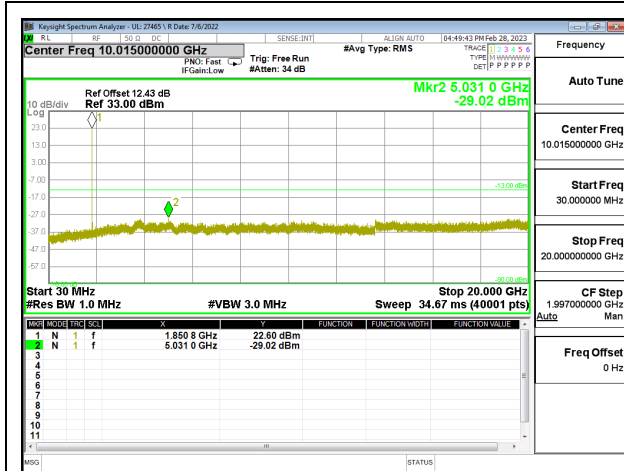
9.3.5. LTE2

LIMITS

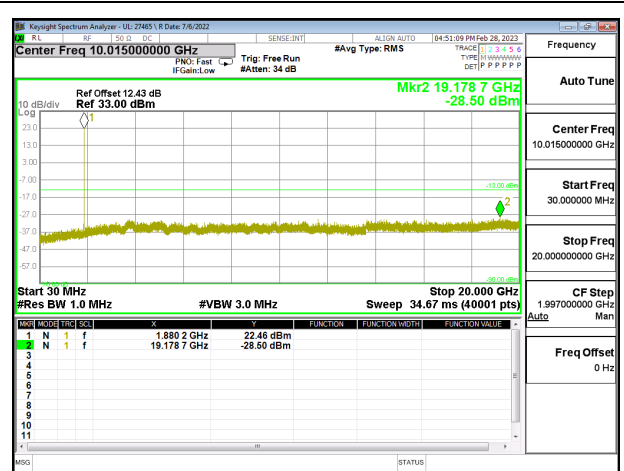
FCC: §24.238

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

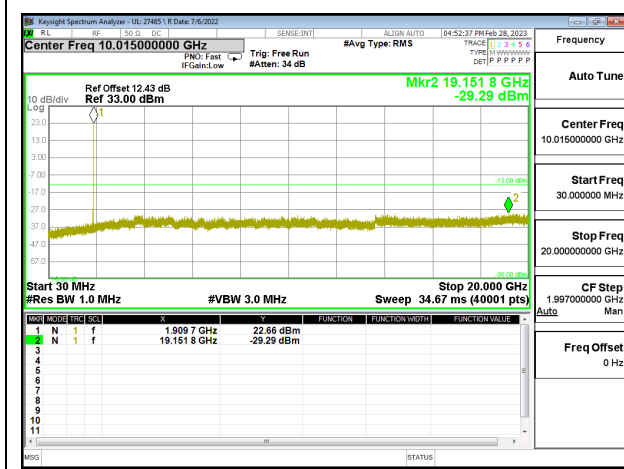
Test Engineer ID:	27465/44389	Test Date:	2023-02-28	EUT Serial Number:	QV7700ADFR
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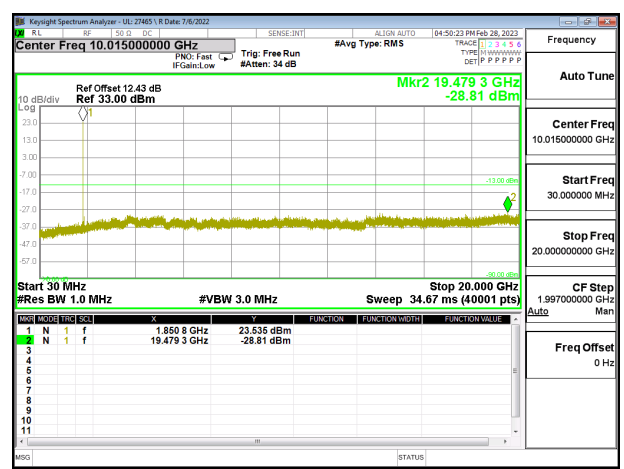
LTE2 1.4MHz QPSK LOW Ch RB1-0



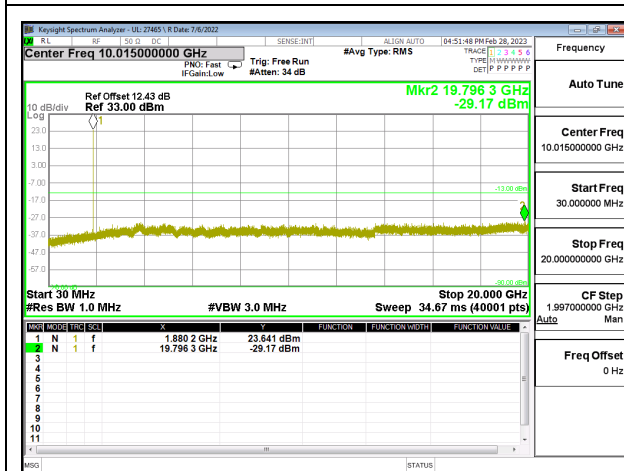
LTE2 1.4MHz QPSK MID Ch RB1-0



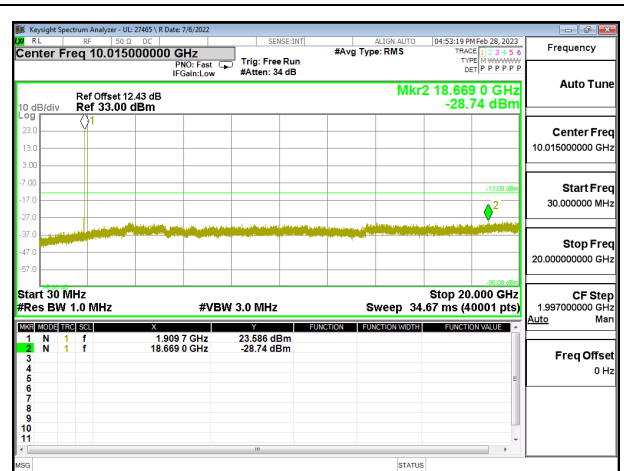
LTE2 1.4MHz QPSK HIGH Ch RB1-0



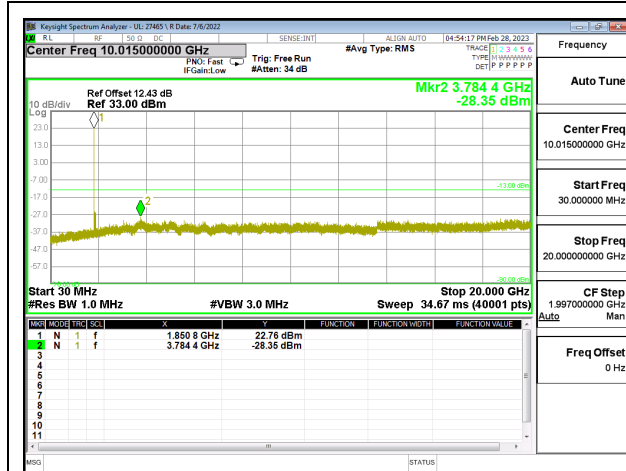
LTE2 1.4MHz 16QAM LOW Ch RB1-0



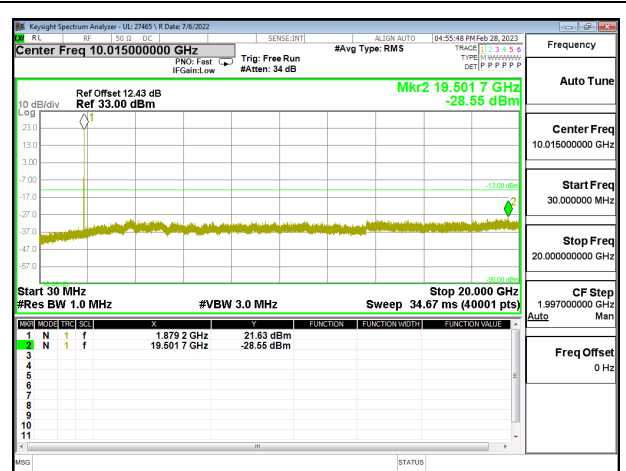
LTE2 1.4MHz 16QAM MID Ch RB1-0



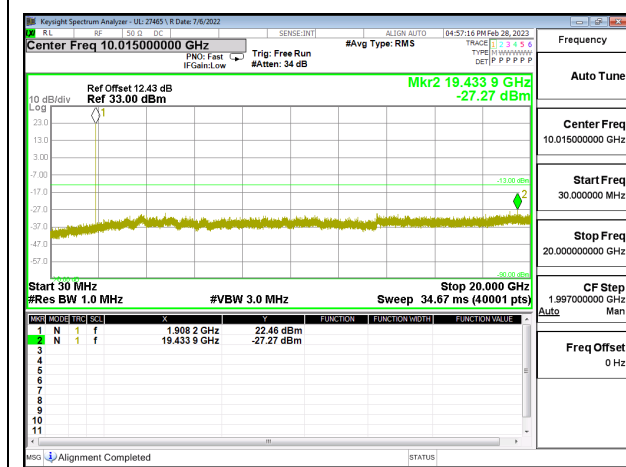
LTE2 1.4MHz 16QAM HIGH Ch RB1-0



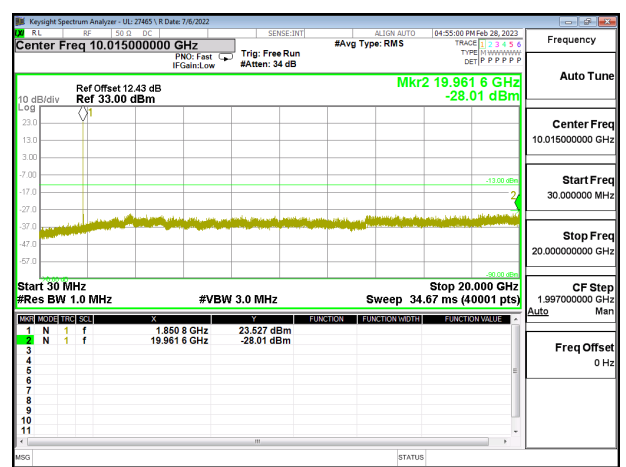
LTE 3MHz QPSK LOW Ch RB1-0



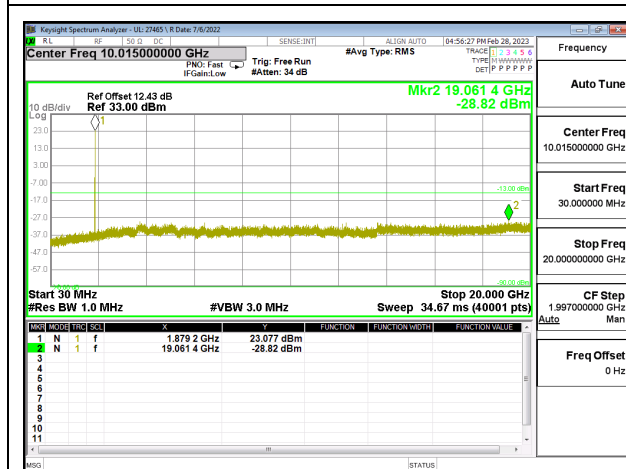
LTE2 3MHz QPSK MID Ch RB1-0



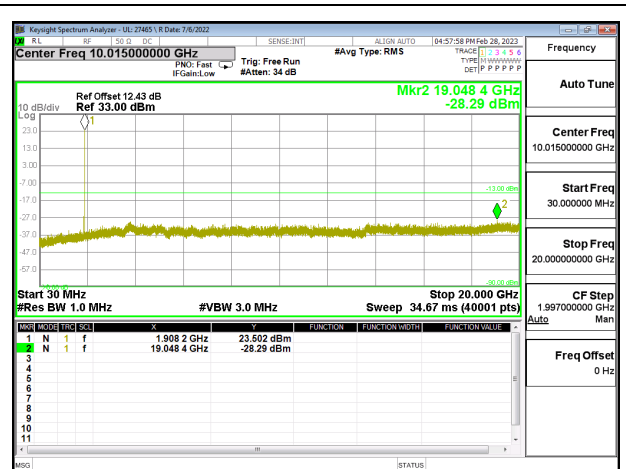
LTE2 3MHz QPSK HIGH Ch RB1-0



LTE2 3MHz 16QAM LOW Ch RB1-0



LTE2 3MHz 16QAM MID Ch RB1-0



LTE2 3MHz 16QAM HIGH Ch RB1-0