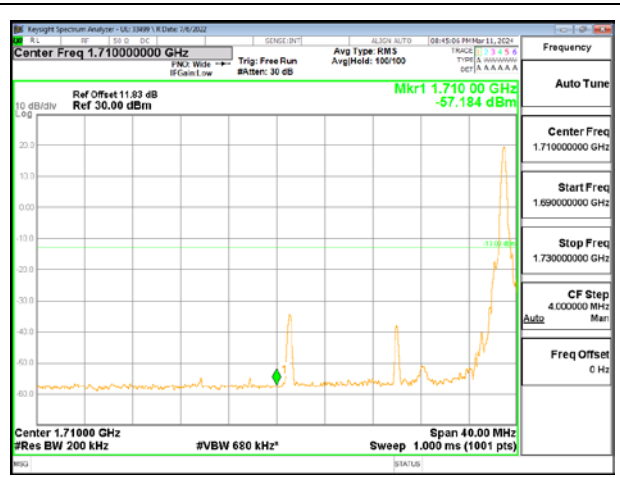
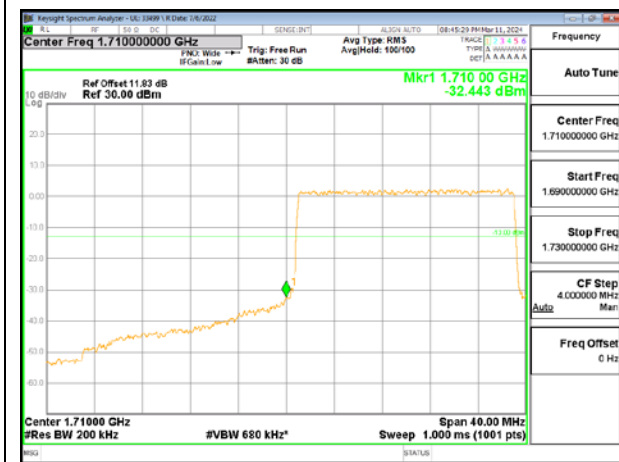


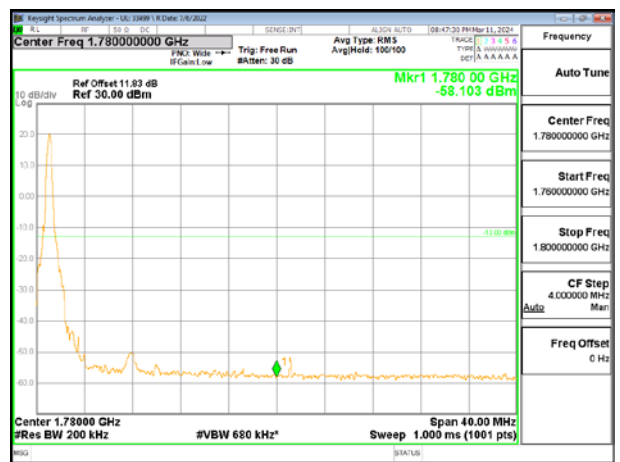
LTE Band 66 20MHz QPSK Low Channel RB1-0



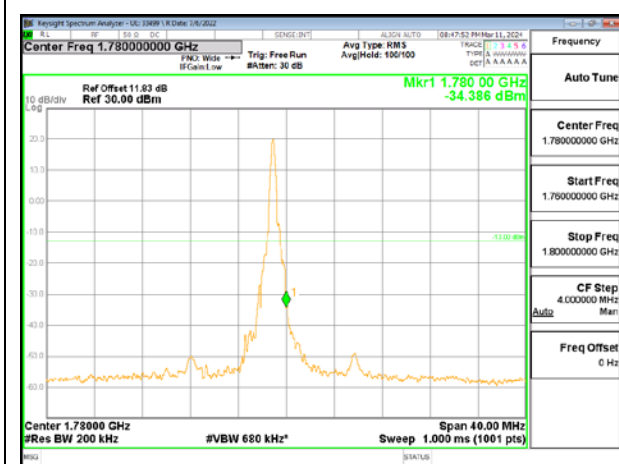
LTE Band 66 20MHz QPSK Low Channel RB1-99



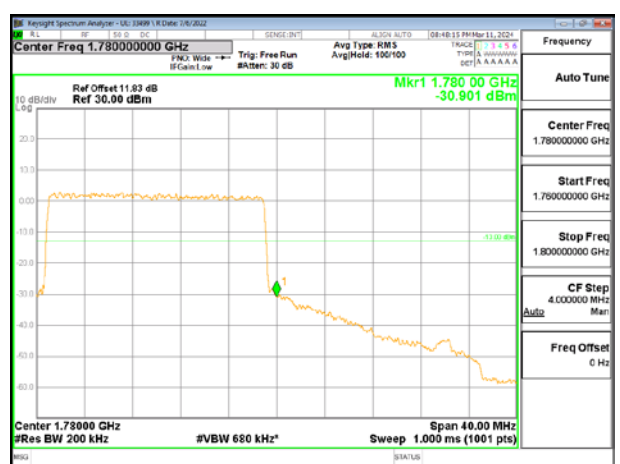
LTE Band 66 20MHz QPSK Low Channel RB100-0



LTE Band 66 20MHz QPSK High Channel RB1-0



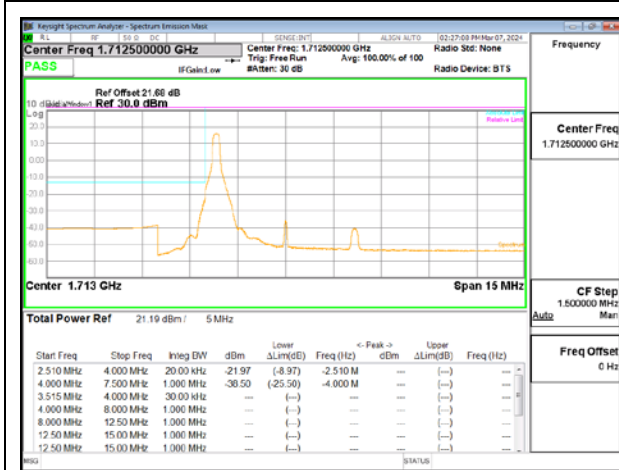
LTE Band 66 20MHz QPSK High Channel RB1-99



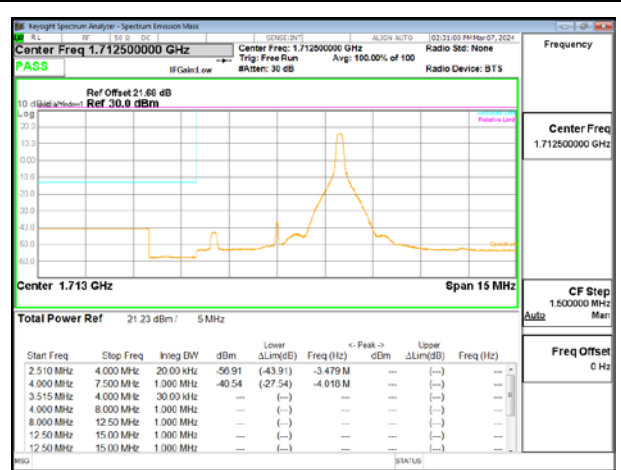
LTE Band 66 20MHz QPSK High Channel RB100-0

5G FR1 n66

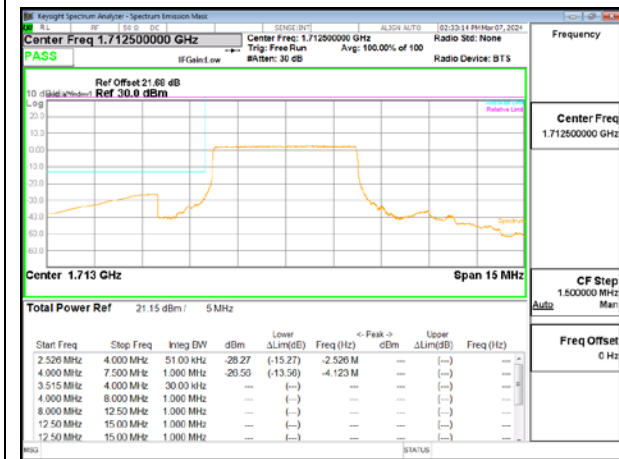
Test Engineer ID:	22797/85502	Test Date:	2024-03-07	EUT Serial Number:	<QV77000KL2>
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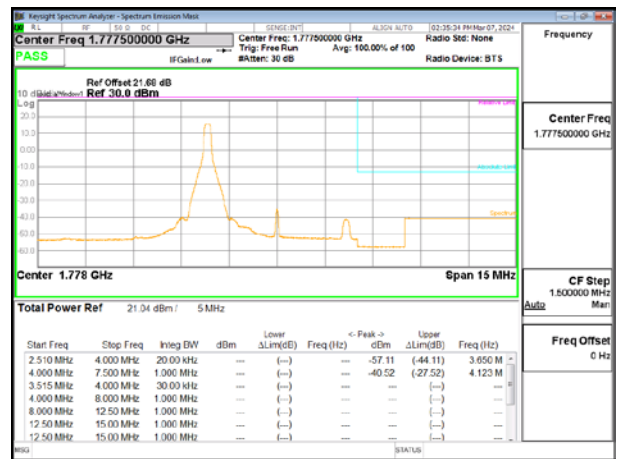
5G NR n66 5MHz BPSK Low Channel RB1-0



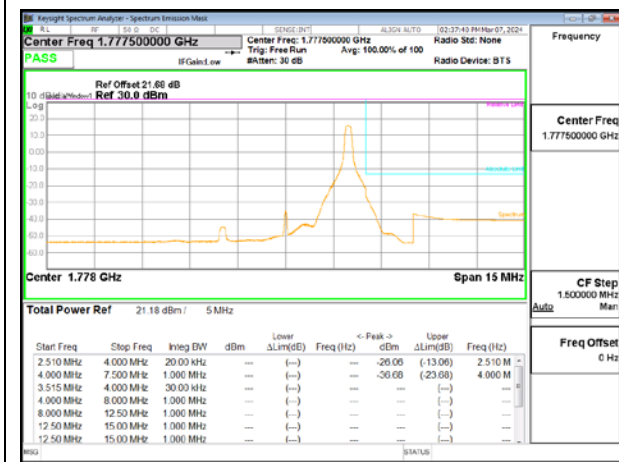
5G NR n66 5MHz BPSK Low Channel RB1-24



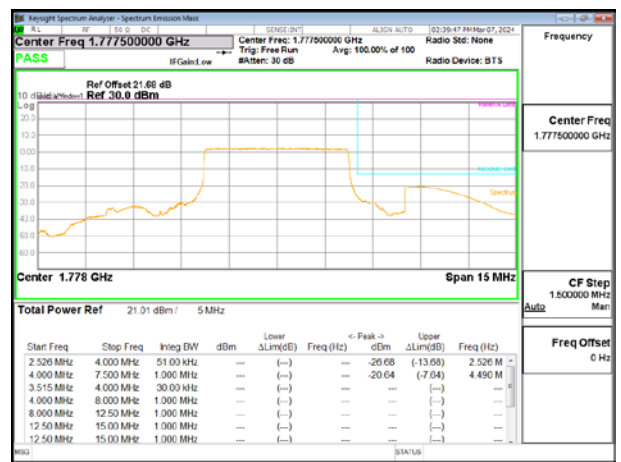
5G NR n66 5MHz BPSK Low Channel RB25-0



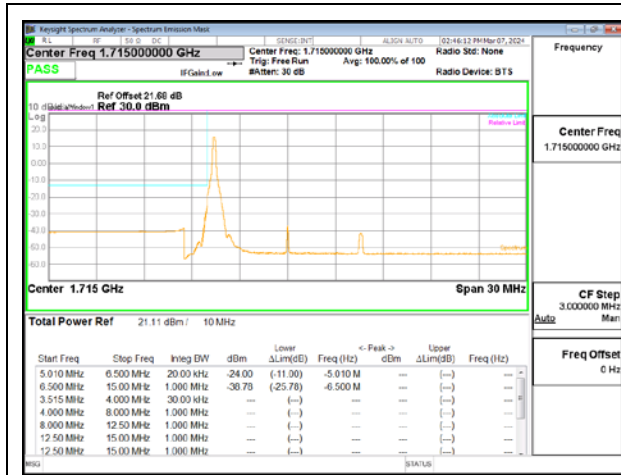
5G NR n66 5MHz BPSK High Channel RB1-0



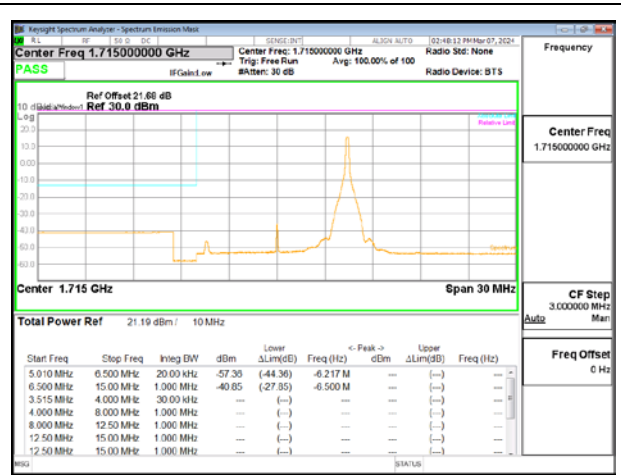
5G NR n66 5MHz BPSK High Channel RB1-24



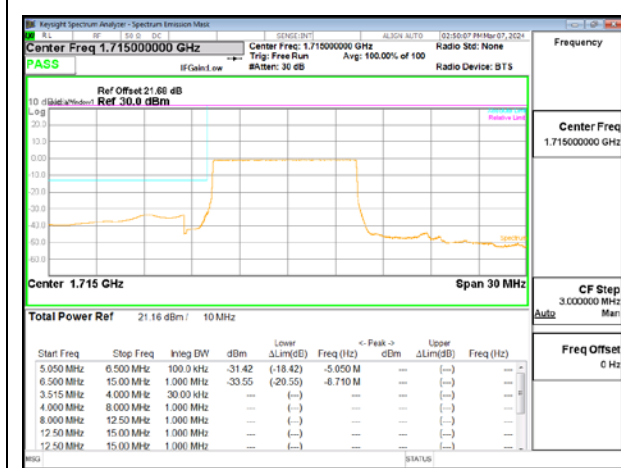
5G NR n66 5MHz BPSK High Channel RB25-0



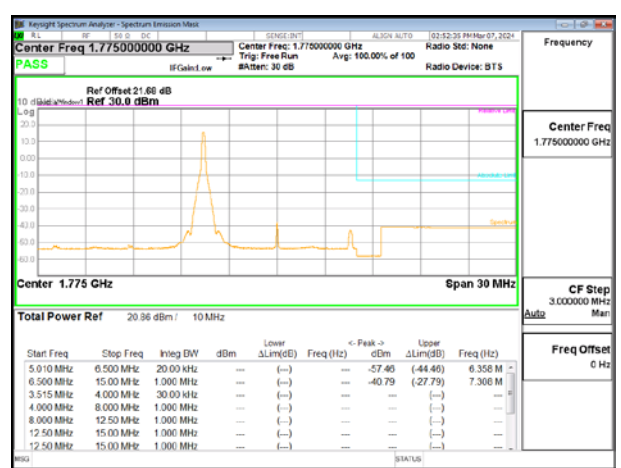
5G NR n66 10MHz BPSK Low Channel RB1-0



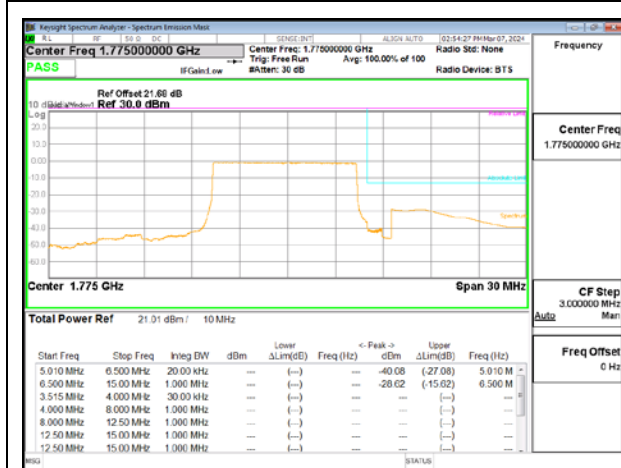
5G NR n66 10MHz BPSK Low Channel RB1-0



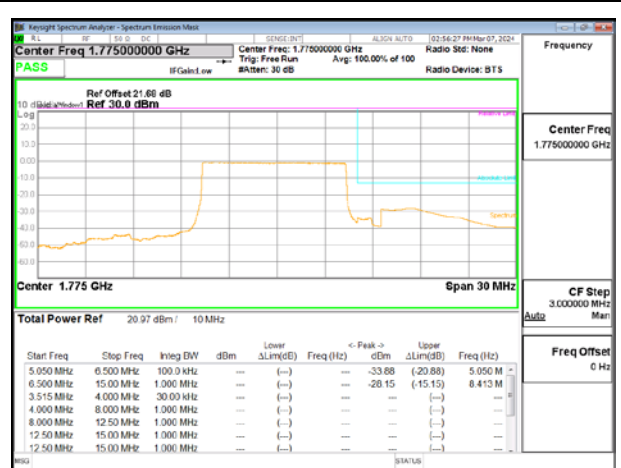
5G NR n66 10MHz BPSK Low Channel RB50-0



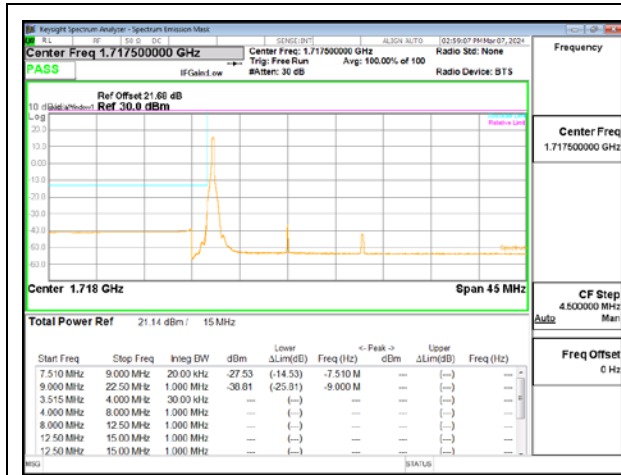
5G NR n66 10MHz BPSK High Channel RB1-0



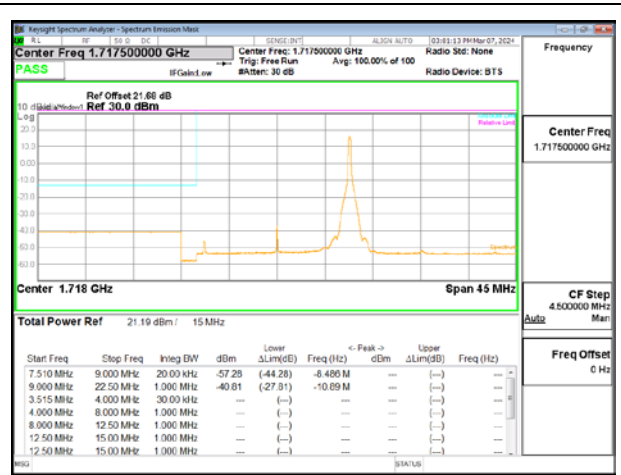
5G NR n66 10MHz BPSK High Channel RB1-50



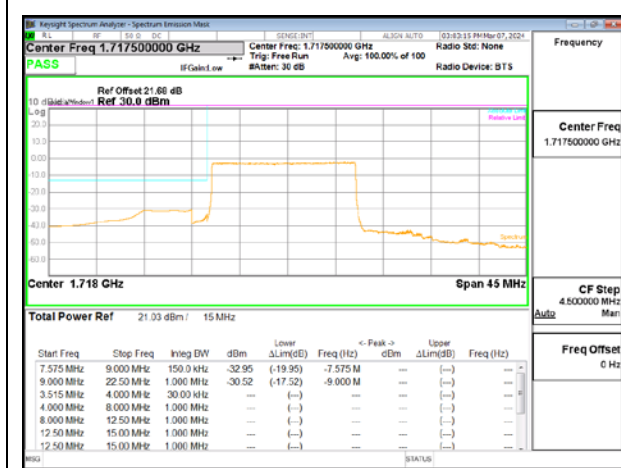
5G NR n66 10MHz BPSK High Channel RB50-0



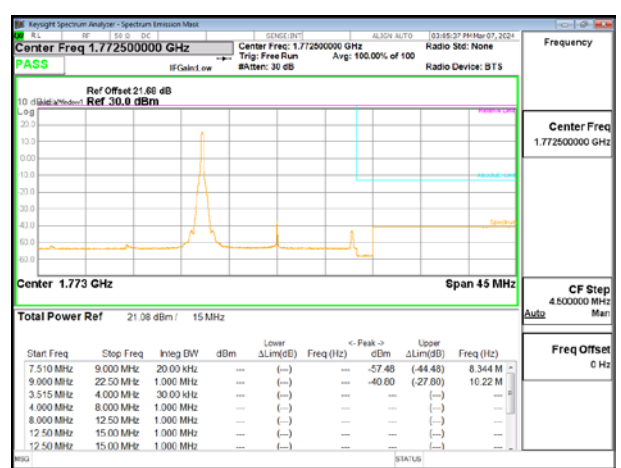
5G NR n66 15MHz BPSK Low Channel RB1-0



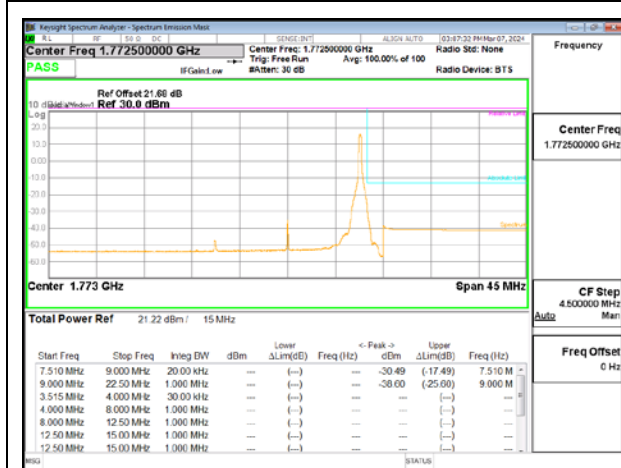
5G NR n66 15MHz BPSK Low Channel RB1-77



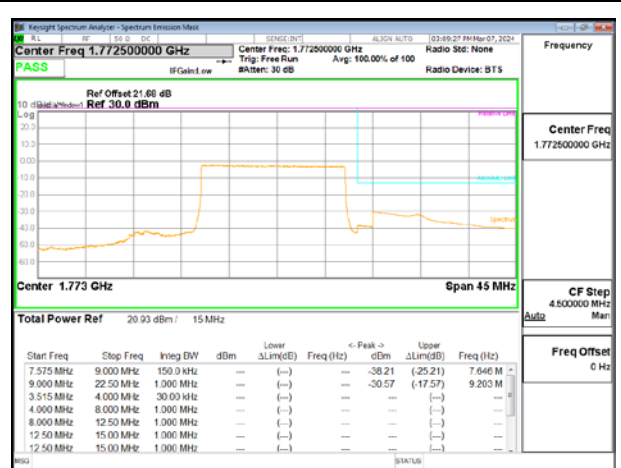
5G NR n66 15MHz BPSK Low Channel RB75-0



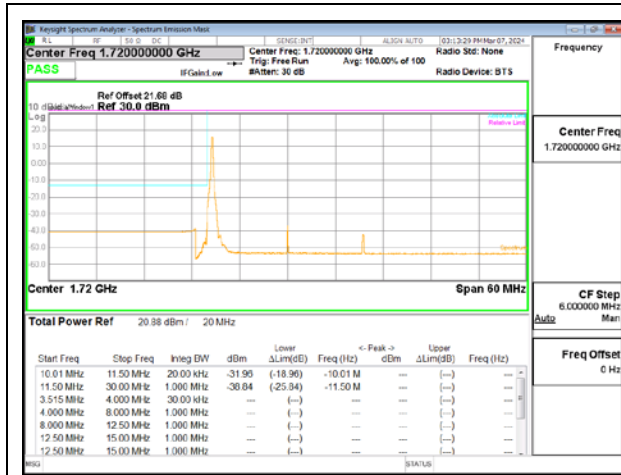
5G NR n66 15MHz BPSK High Channel RB1-0



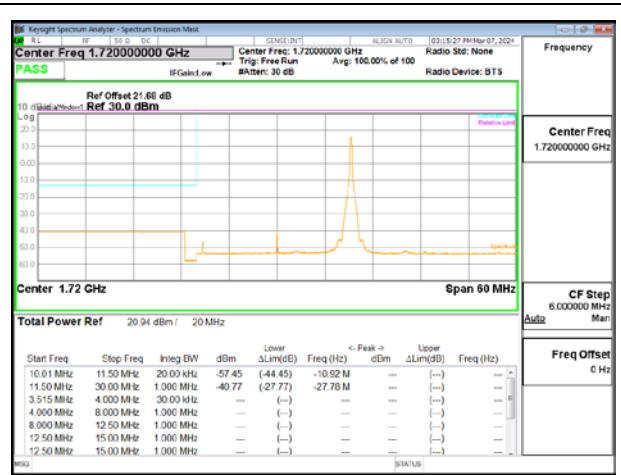
5G NR n66 15MHz BPSK High Channel RB1-77



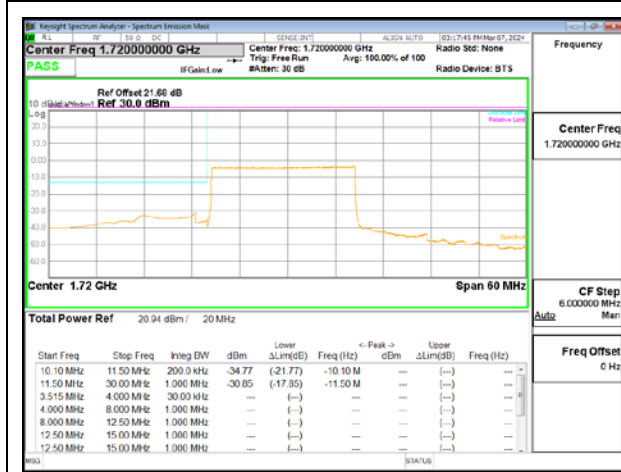
5G NR n66 15MHz BPSK High Channel RB75-0



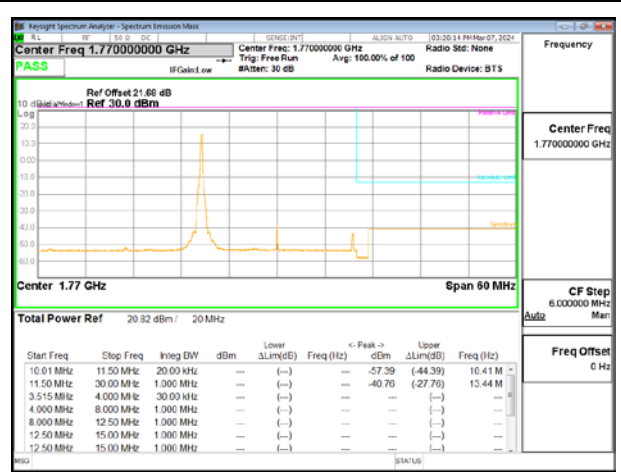
5G NR n66 20MHz BPSK Low Channel RB1-0



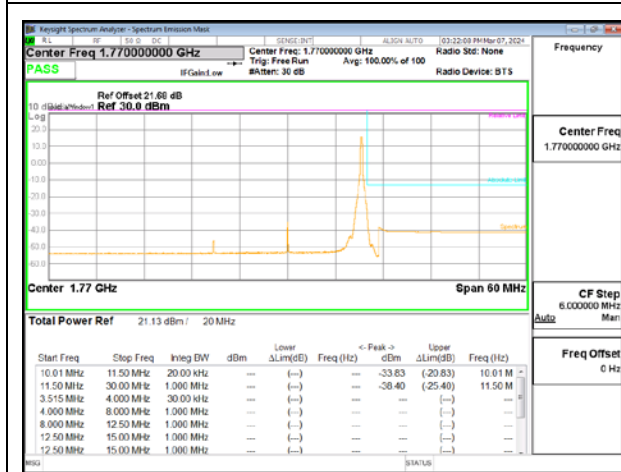
5G NR n66 20MHz BPSK Low Channel RB1-04



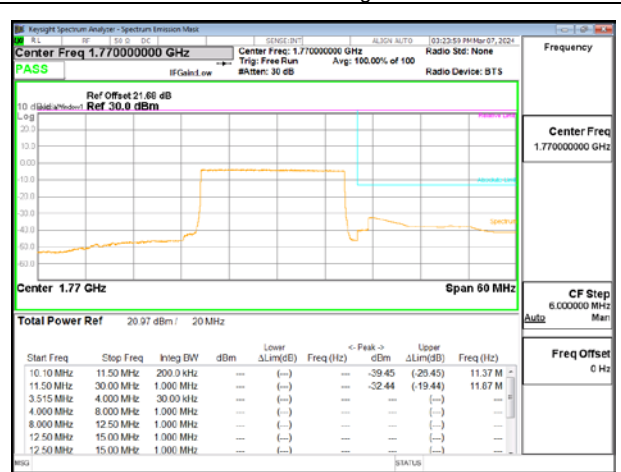
5G NR n66 20MHz BPSK Low Channel RB100-0



5G NR n66 20MHz BPSK High Channel RB1-0



5G NR n66 20MHz BPSK High Channel RB1-104



5G NR n66 20MHz BPSK High Channel RB100-0

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

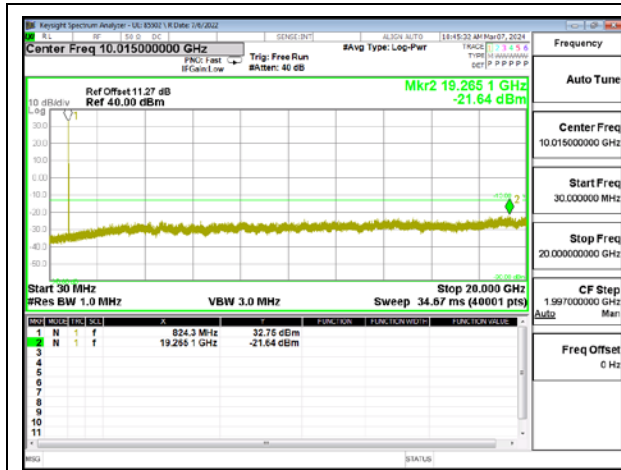
9.3.1. GSM 850

LIMITS

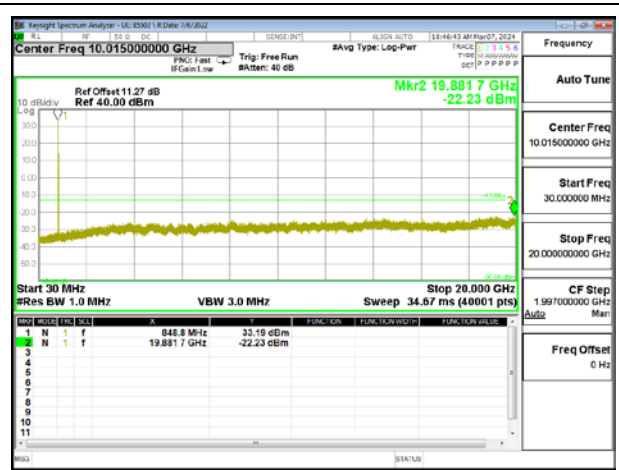
FCC: §22.917 (a)

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log (P) dB.

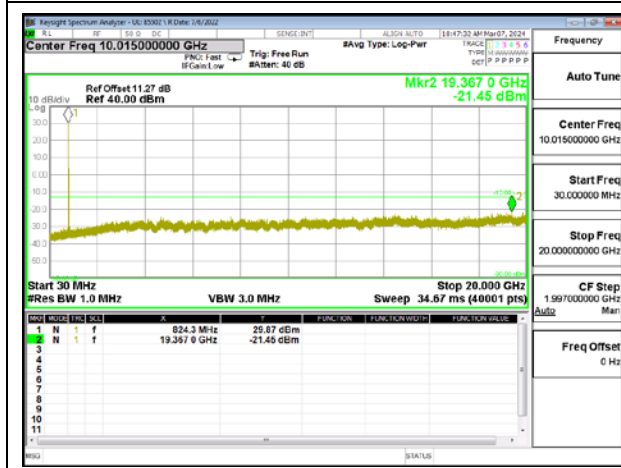
Test Engineer ID:	85502	Test Date:	2024-03-07	EUT Serial Number:	QV7700DSLQ
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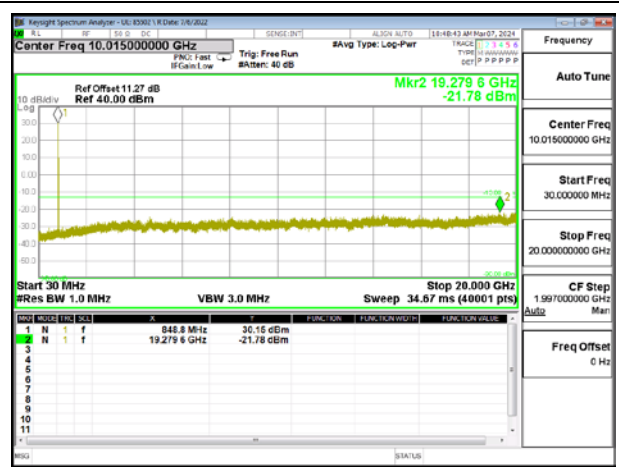
GSM 850 GPRS Low Channel



GSM 850 GPRS High Channel



GSM 850 EGPRS Low Channel



GSM 850 EGPRS High Channel

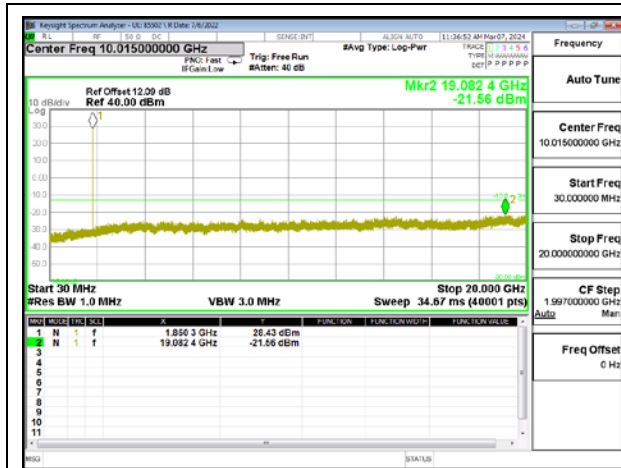
9.3.2. GSM 1900

LIMITS

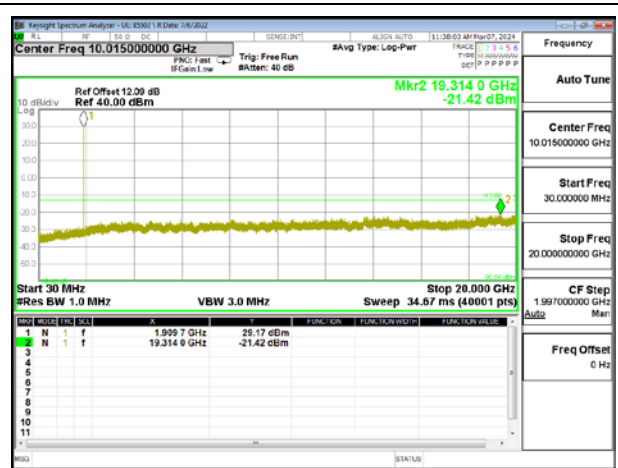
FCC: §24.238

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

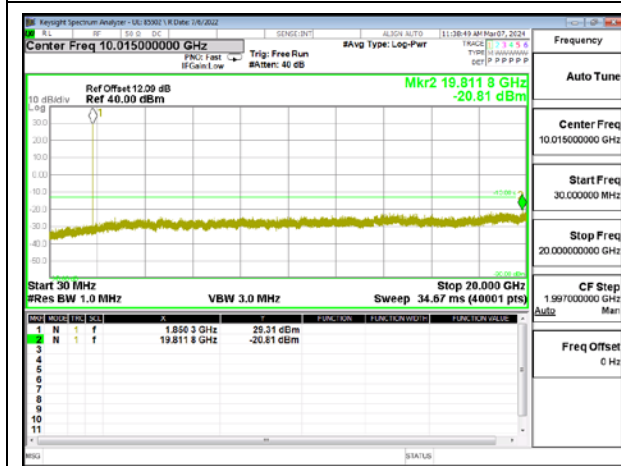
Test Engineer ID:	85502	Test Date:	2024-03-07	EUT Serial Number:	QV7700DSLQ
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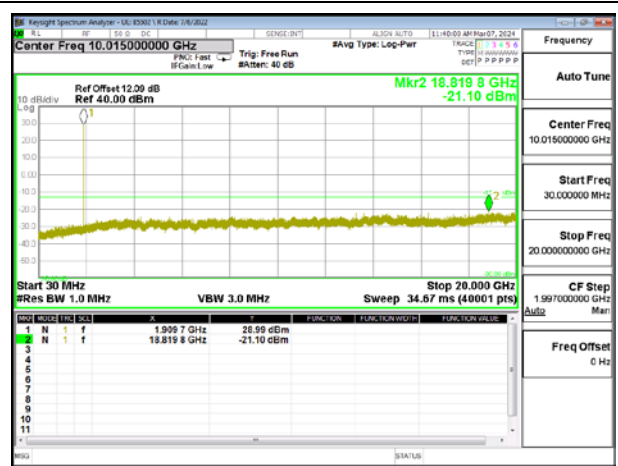
GSM 1900 GPRS Low Channel



GSM 1900 GPRS High Channel



GSM 1900 EGPRS Low Channel



GSM 1900 EGPRS High Channel

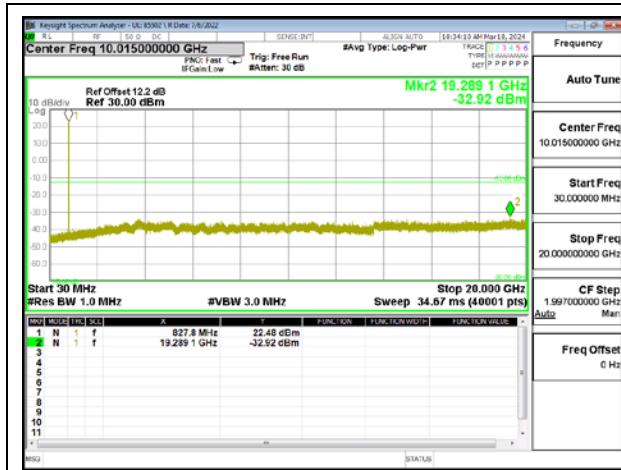
9.3.3. WCDMA BAND 5

LIMITS

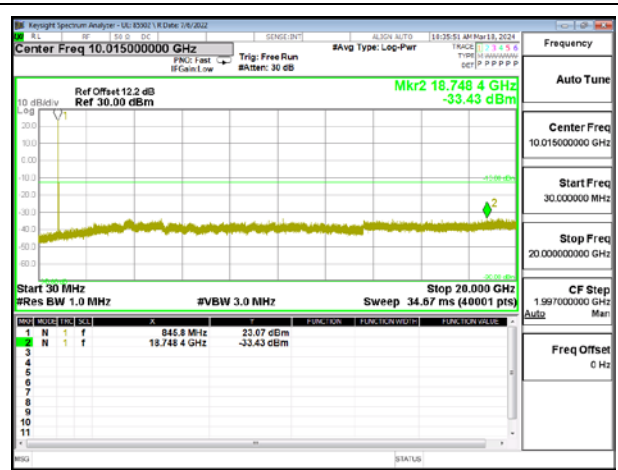
FCC: §22.917 (a)

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log (P) dB.

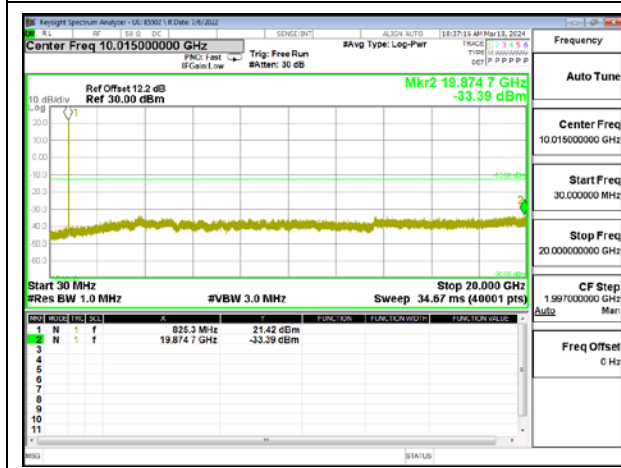
Test Engineer ID:	85502	Test Date:	2024-03-18	EUT Serial Number:	QV770018L2
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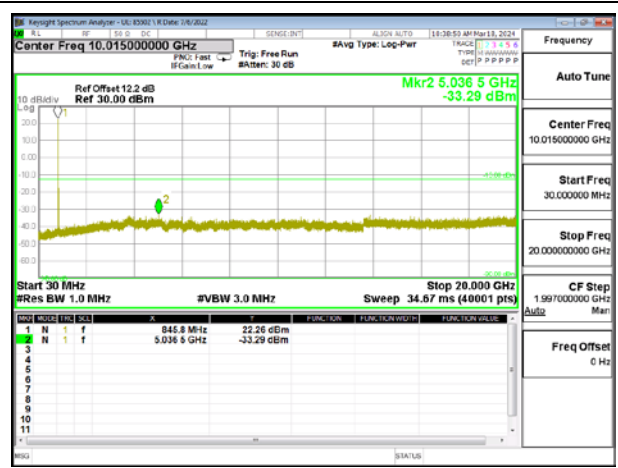
WCDMA Band 5 Rel 99 Low Channel



WCDMA Band 5 Rel 99 High Channel



WCDMA Band 5 HSDPA Low Channel



WCDMA Band 5 HSDPA High Channel

9.3.4. LTE BAND 5 AND 5G NR n5

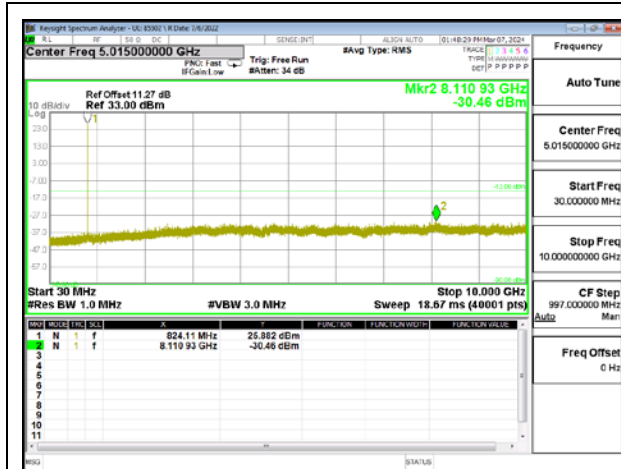
LIMITS

FCC: §22.917 (a)

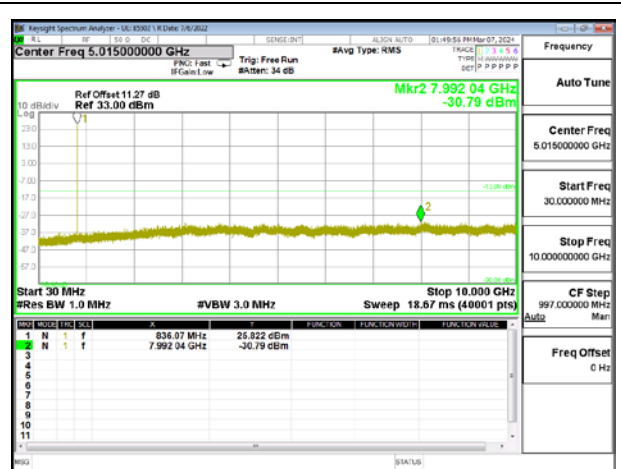
The minimum permissible attenuation level of any spurious emissions is $43 + 10 \log (P)$ dB where transmitting power (P) in Watts.

Test Engineer ID:	85502	Test Date:	2024-03-07	EUT Serial Number:	QV7700DSLQ
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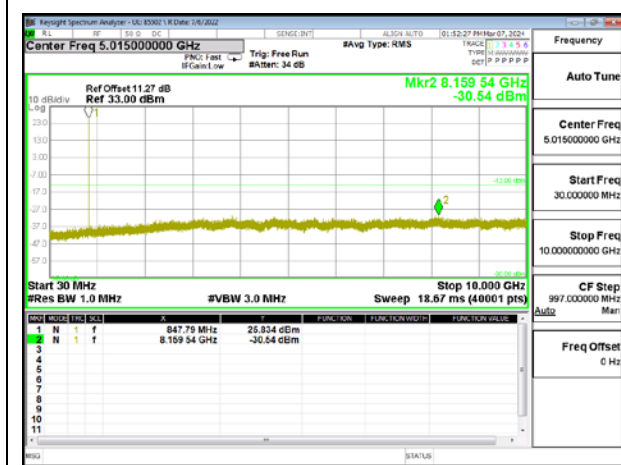
LTE BAND 5



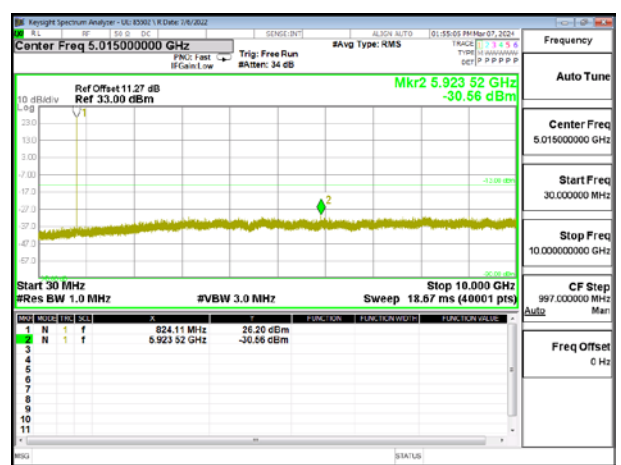
LTE B5 1.4MHz 16QAM Low Channel RB1-0



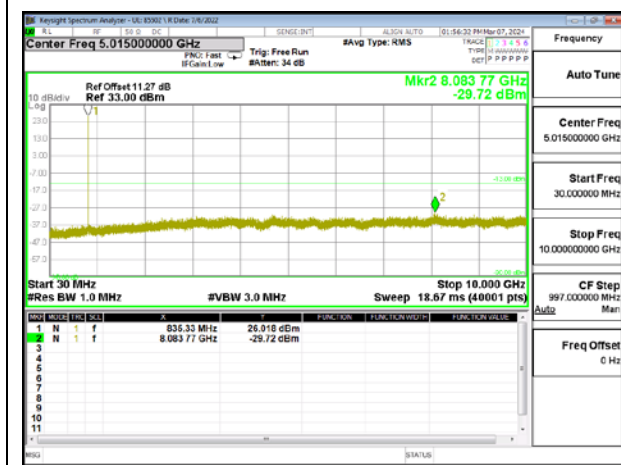
LTE B5 1.4MHz 16QAM Middle Channel RB1-0



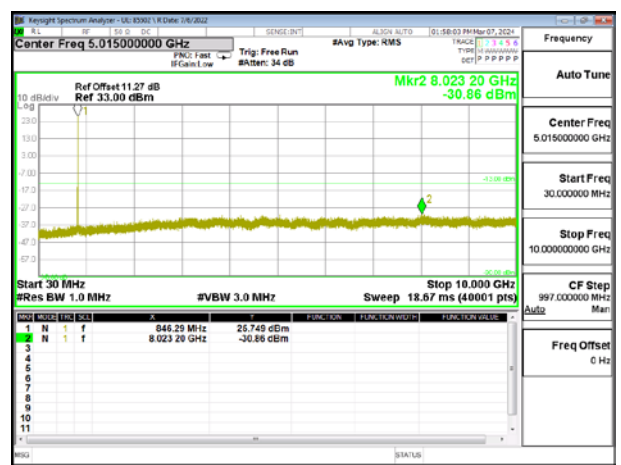
LTE B5 1.4MHz 16QAM High Channel RB1-0



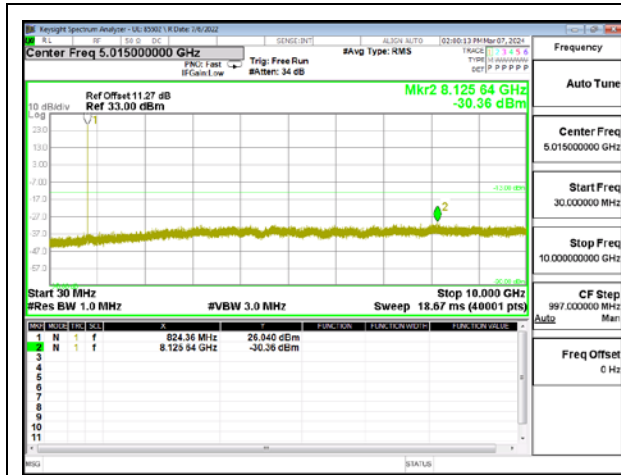
LTE B5 3MHz 16QAM Low Channel RB1-0



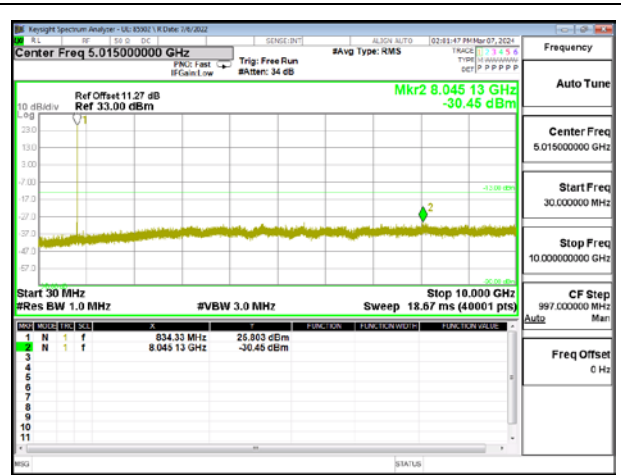
LTE B5 3MHz 16QAM Middle Channel RB1-0



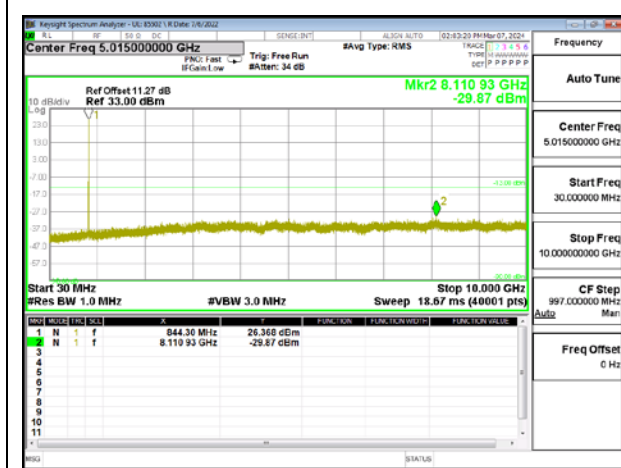
LTE B5 3MHz 16QAM High Channel RB1-0



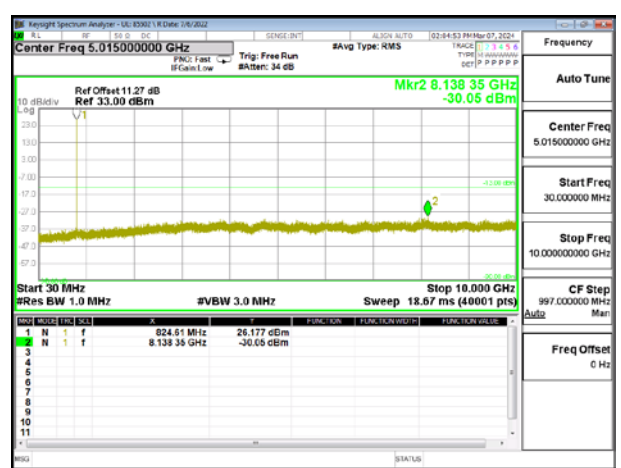
LTE B5 5MHz 16QAM Low Channel RB1-0



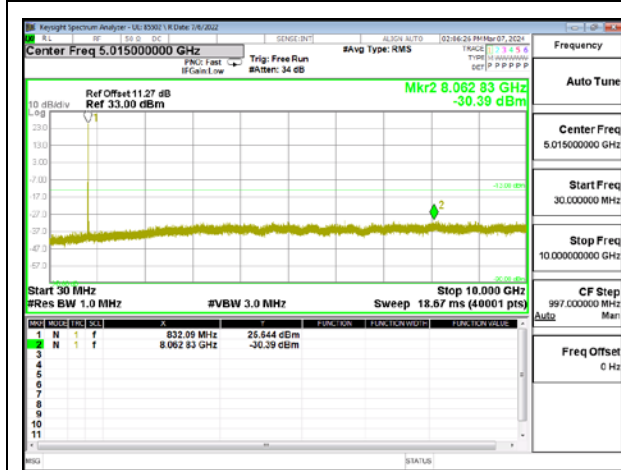
LTE B5 5MHz 16QAM Middle Channel RB1-0



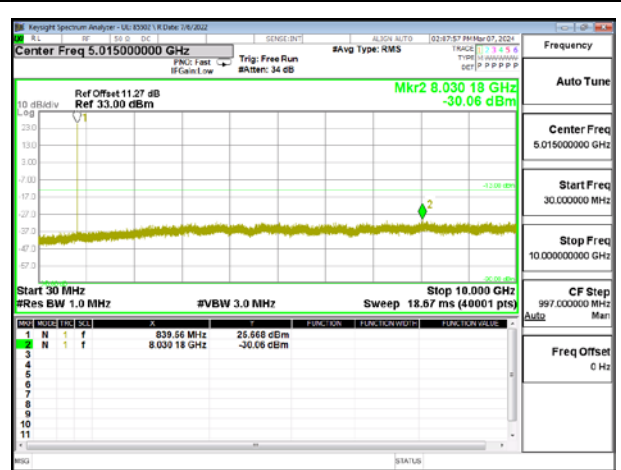
LTE B5 5MHz 16QAM High Channel RB1-0



LTE B5 10MHz 16QAM Low Channel RB1-0



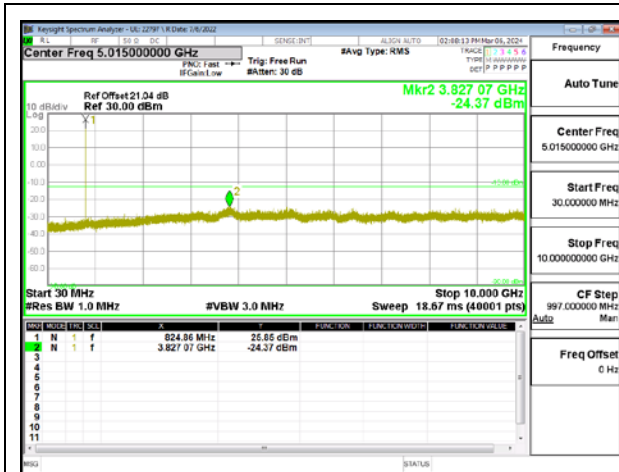
LTE B5 10MHz 16QAM Middle Channel RB1-0



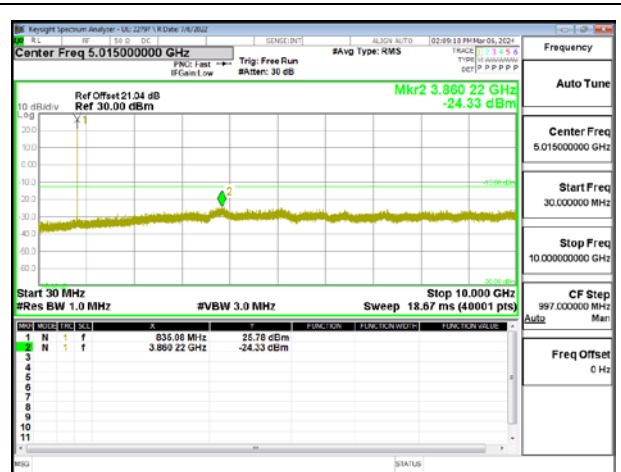
LTE B5 10MHz 16QAM High Channel RB1-0

5G NR n5

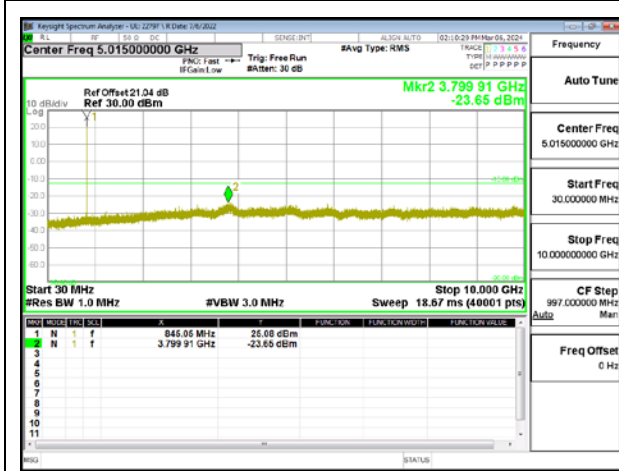
Test Engineer ID:	22797/85502	Test Date:	2024-03-06	EUT Serial Number:	<QV77000KL2>
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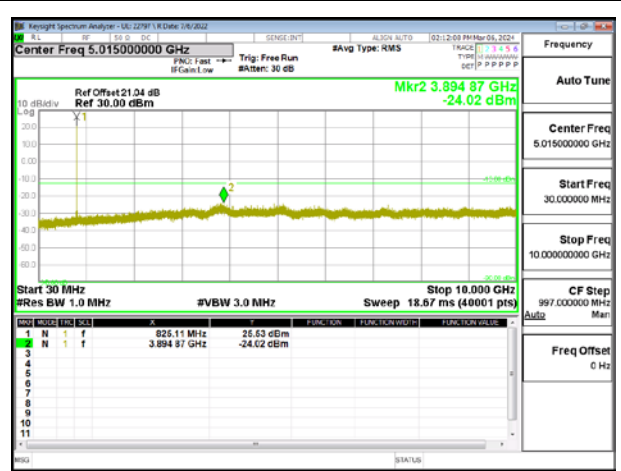
5G NR N5 5MHz BPSK Low Channel RB1-0



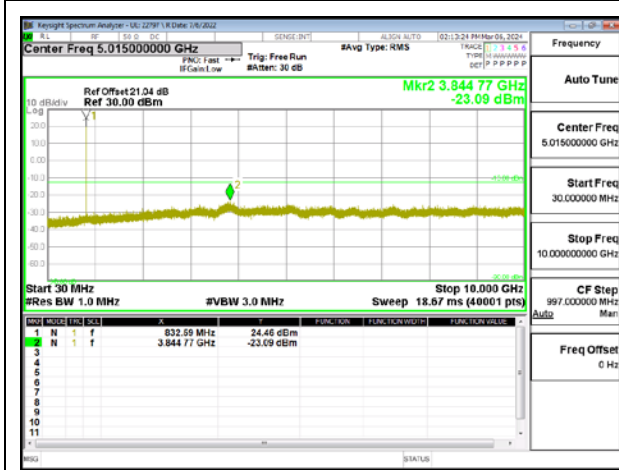
5G NR N5 5MHz BPSK Middle Channel RB1-0



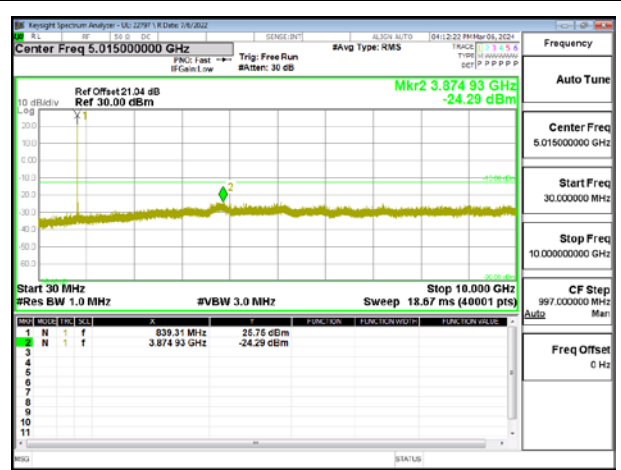
5G NR N5 5MHz BPSK High Channel RB1-0



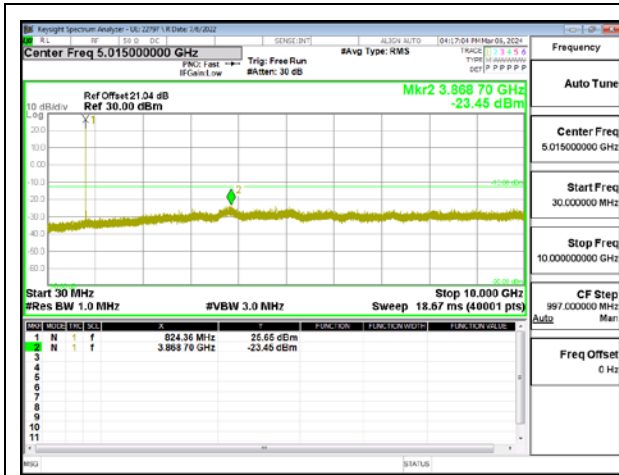
5G NR N5 10MHz BPSK Low Channel RB1-0



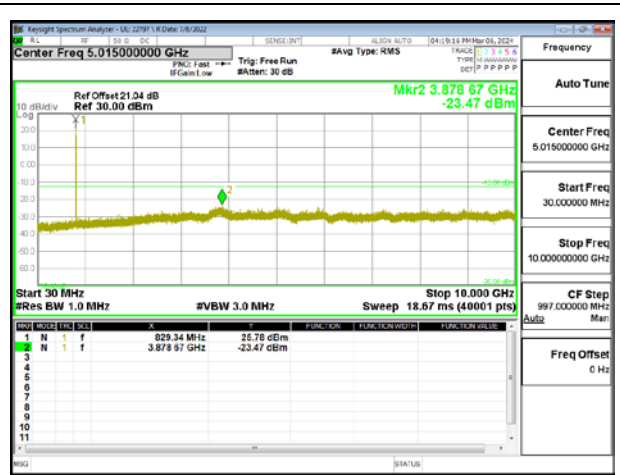
5G NR N5 10MHz BPSK Middle Channel RB1-0



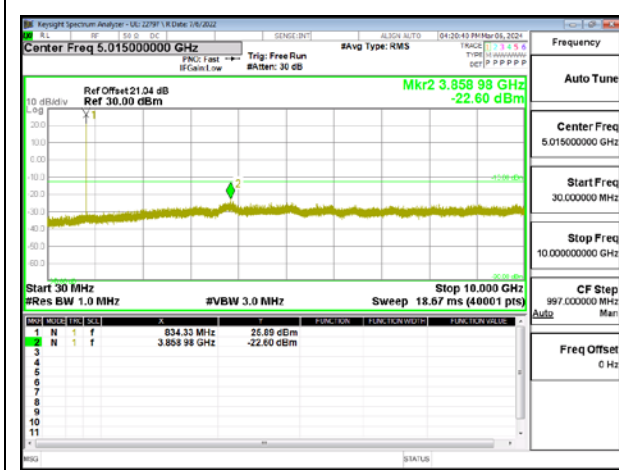
5G NR N5 10MHz BPSK High Channel RB1-0



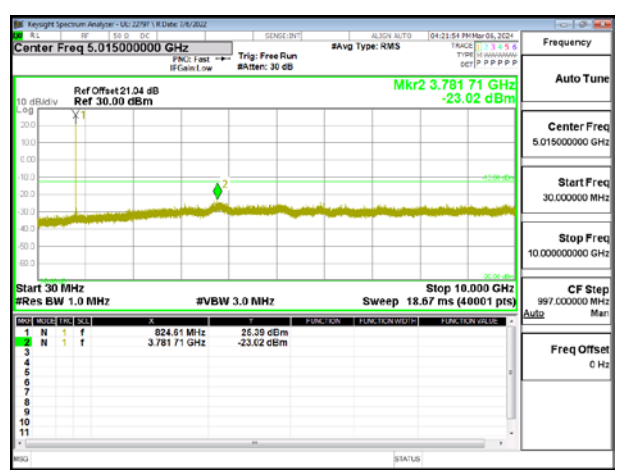
5G NR N5 15MHz BPSK Low Channel RB1-0



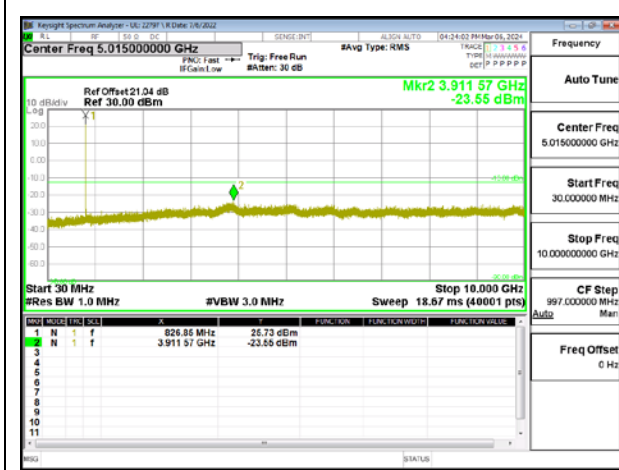
5G NR N5 15MHz BPSK Middle Channel RB1-0



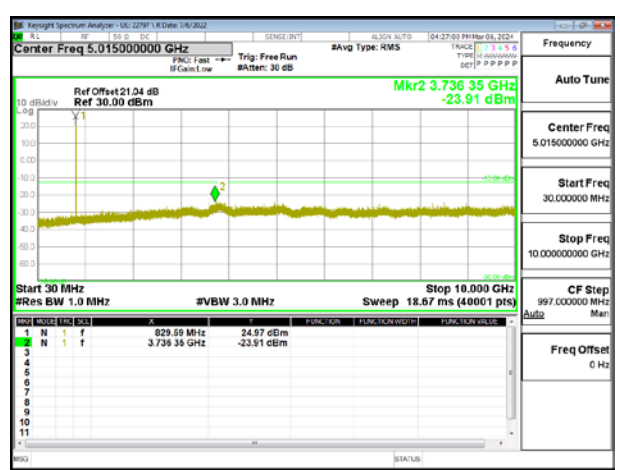
5G NR N5 15MHz BPSK High Channel RB1-0



5G NR N5 20MHz BPSK Low Channel RB1-0



5G NR N5 20MHz BPSK Middle Channel RB1-0



5G NR N5 200MHz BPSK High Channel RB1-0

9.3.5. LTE BAND 12

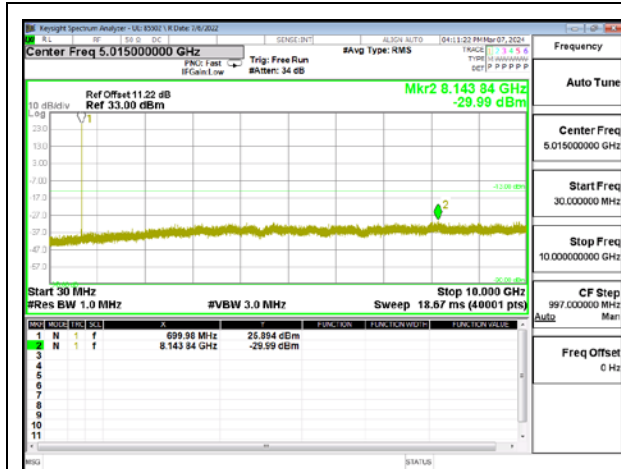
LIMITS

FCC: §27.53 (g)

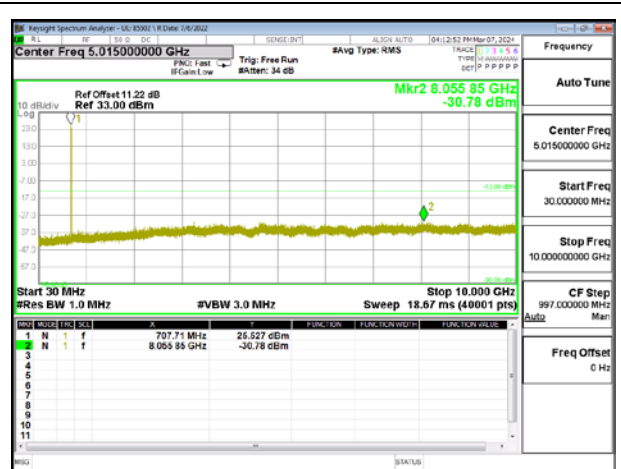
The minimum permissible attenuation level of any spurious emissions is $43 + 10 \log (P)$ dB where transmitting power (P) in Watts.

Test Engineer ID:	85502	Test Date:	2024-03-08	EUT Serial Number:	QV7700DSLQ
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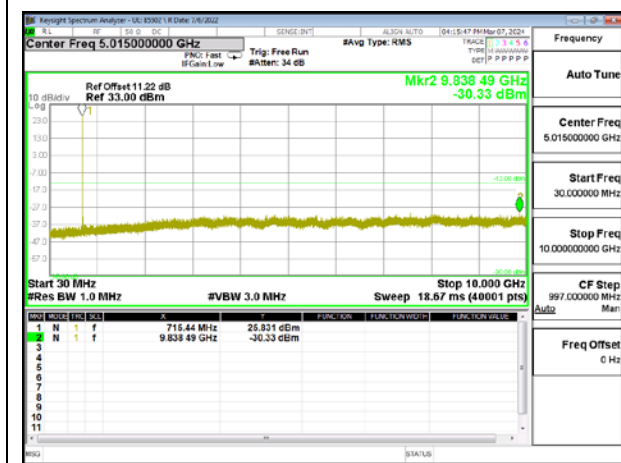
LTE BAND 12



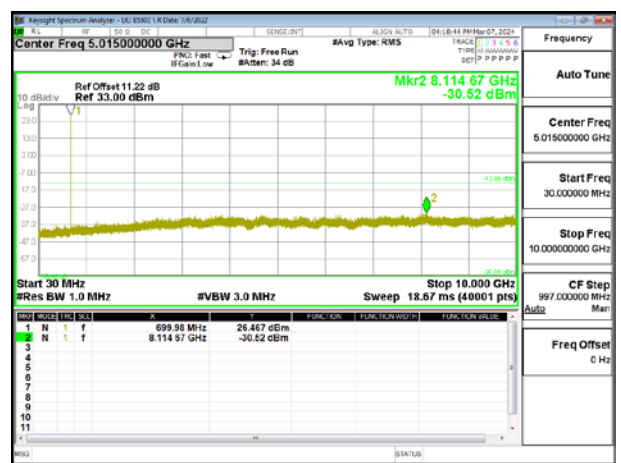
LTE B12 1.4MHz 16QAM Low Channel RB1-0



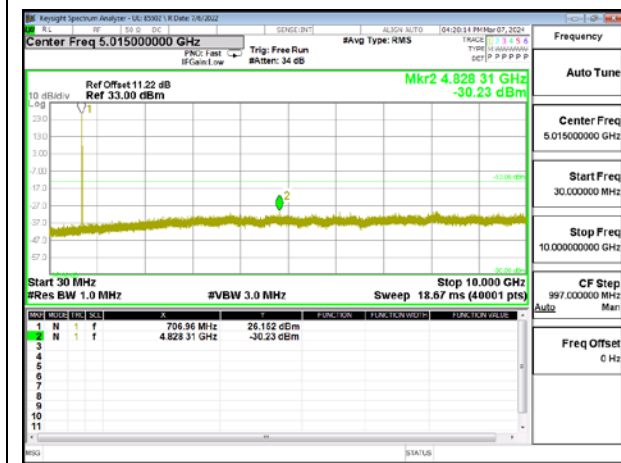
LTE B12 1.4MHz 16QAM Middle Channel RB1-0



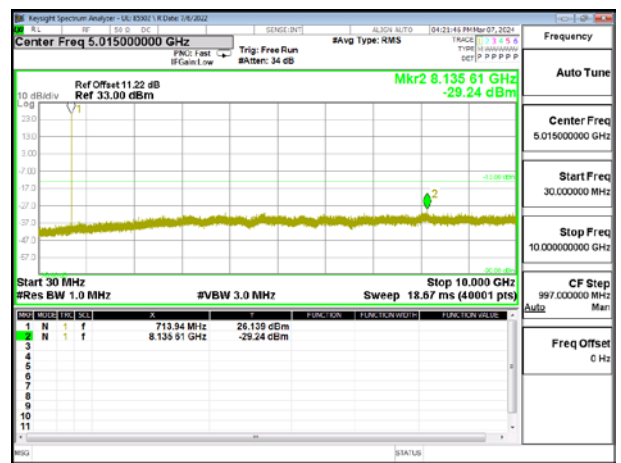
LTE B12 1.4MHz 16QAM High Channel RB1-0



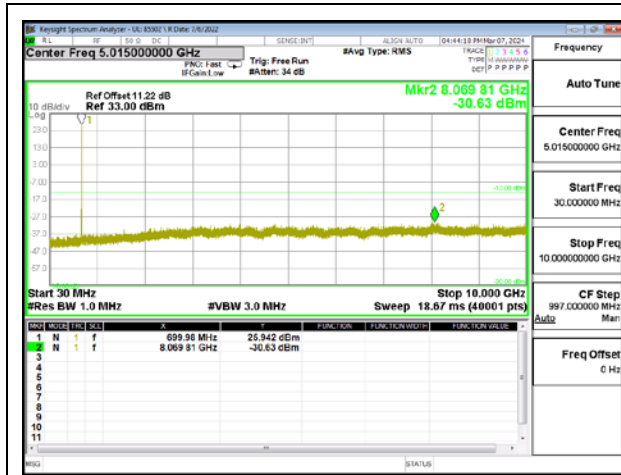
LTE B12 3MHz 16QAM Low Channel RB1-0



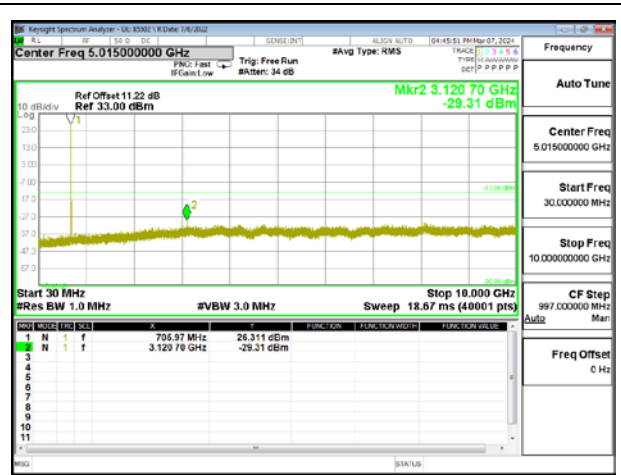
LTE B12 3MHz 16QAM Middle Channel RB1-0



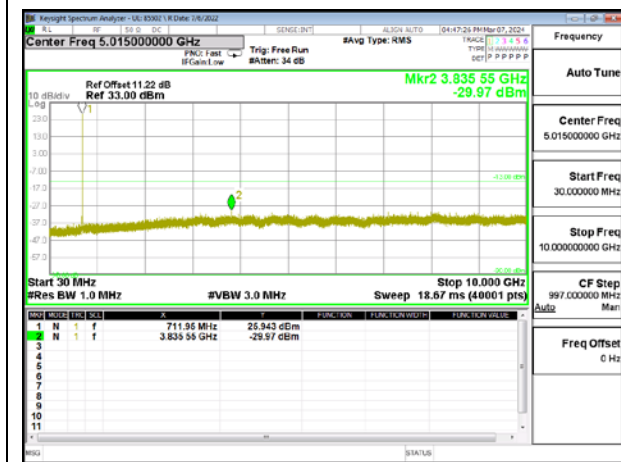
LTE B12 3MHz 16QAM High Channel RB1-0



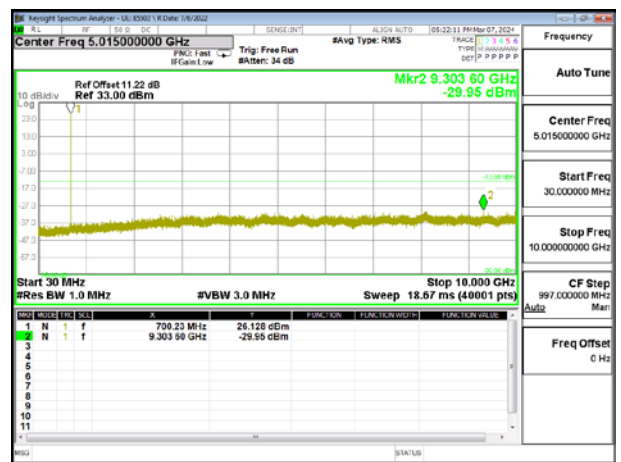
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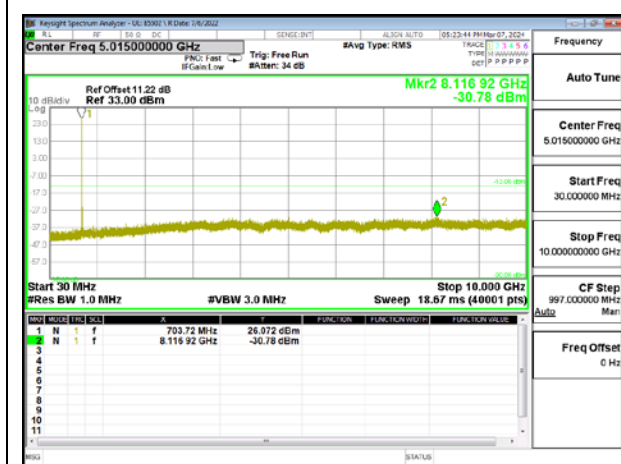
LTE B12 5MHz 16QAM Middle Channel RB1-0



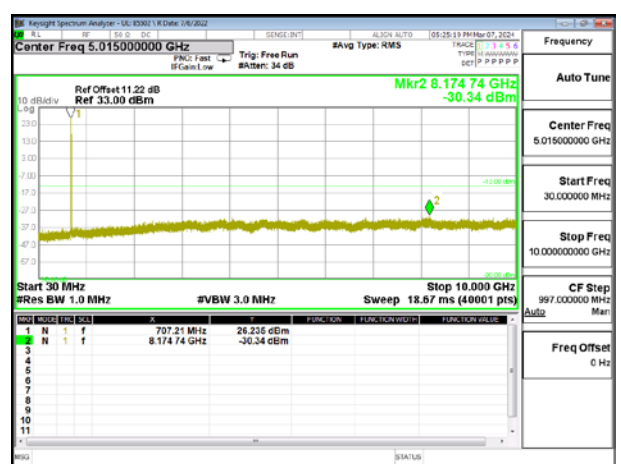
LTE B12 5MHz 16QAM High Channel RB1-0



LTE B12 10MHz 16QAM Low Channel RB1-0



LTE B12 10MHz 16QAM Middle Channel RB1-0



LTE B12 10MHz 16QAM High Channel RB1-0