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


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

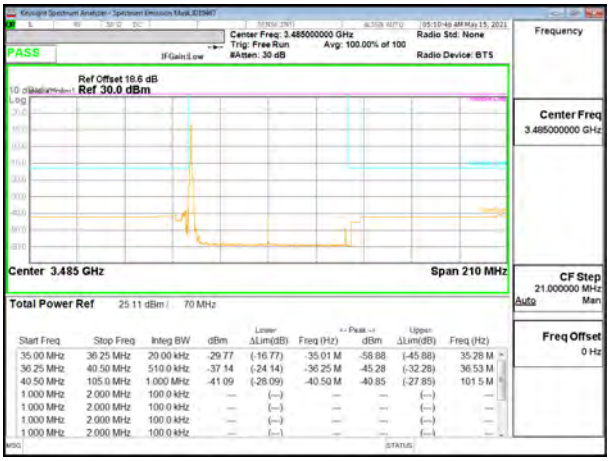

5G NR n77 60MHz BPSK Low Channel RB1-161


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



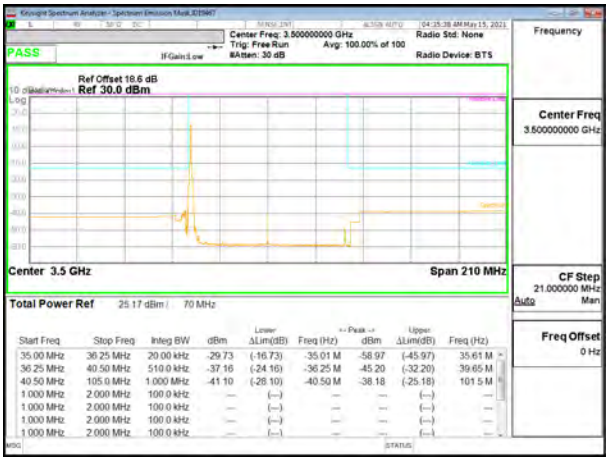

5G NR n77 70MHz BPSK Low Channel RB1-0


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


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


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


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


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


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


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

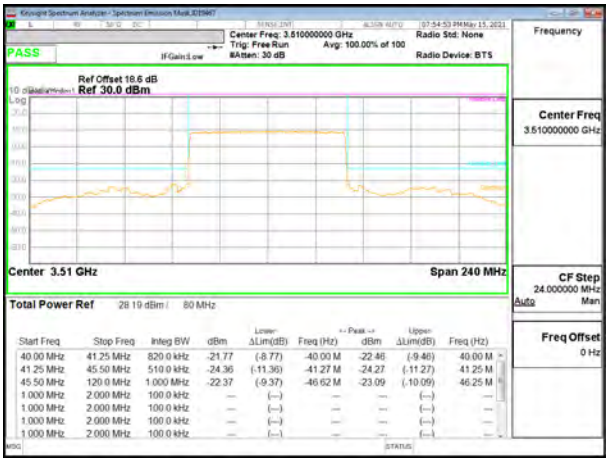

5G NR n77 80MHz BPSK Middle Channel RB216-0


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


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


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


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

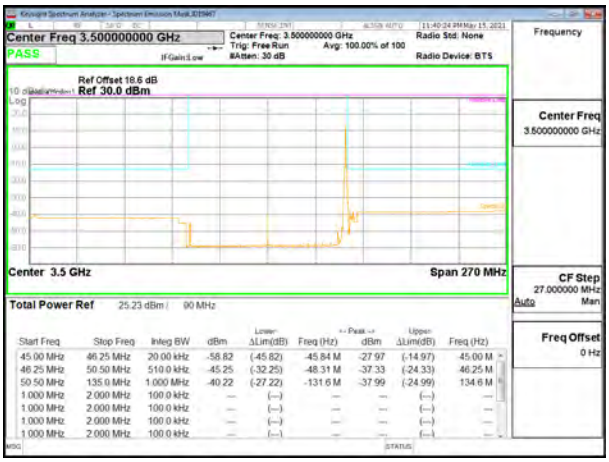



5G NR n77 80MHz BPSK High Channel RB216-0


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




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


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


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


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


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

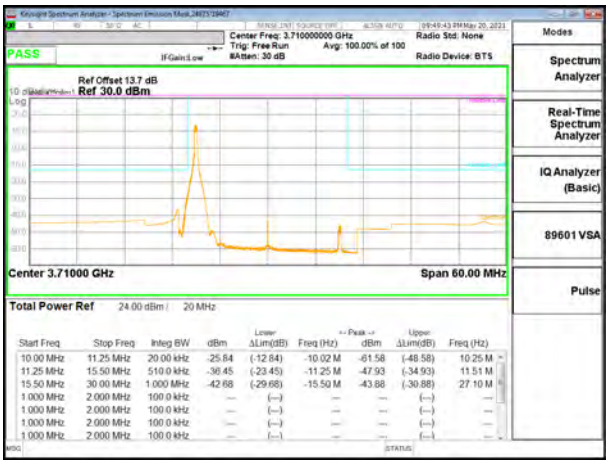

5G NR n77 100MHz BPSK Middle Channel RB1-272


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

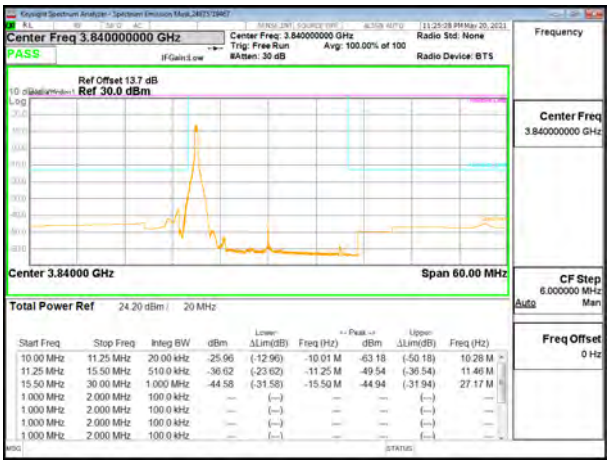
## 9.2.16. 5G NR n77 EMISSION MASK (FCC Part 27 3700-3980MHz)

**LIMITS**

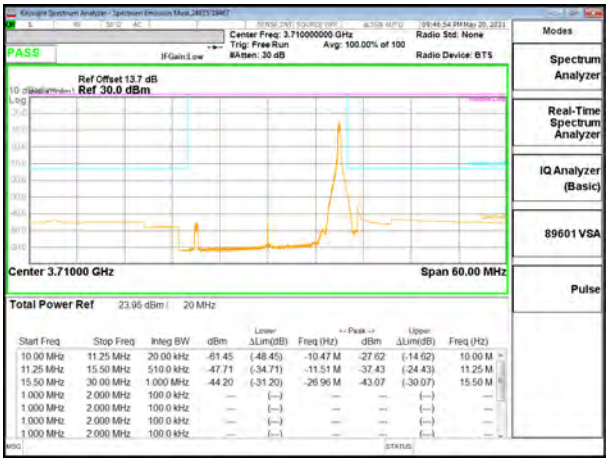
FCC: §27.53
(l) 3.7 GHz Service.The following emission limits apply to stations transmitting in the 3700-3980 MHz band:
(2) For mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed −13 dBm/MHz. Compliance with this paragraph (l)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be either one percent of the emission bandwidth of the fundamental emission of the transmitter or 350 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.



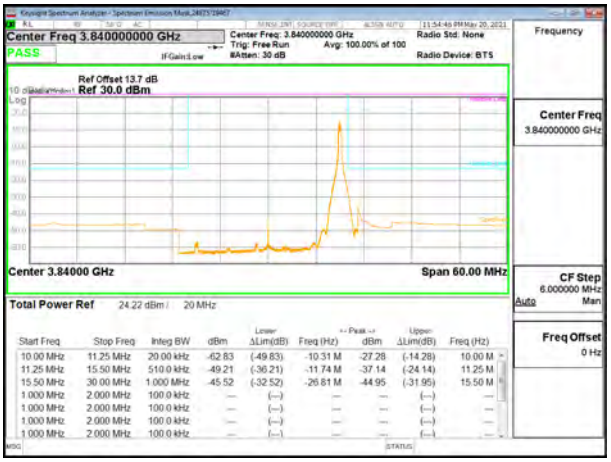

5G NR n77 20MHz BPSK Low Channel RB1-0



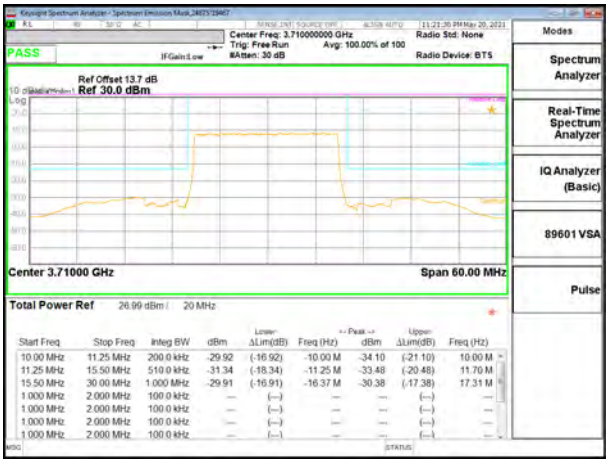

5G NR n77 20MHz BPSK Middle Channel RB1-0




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

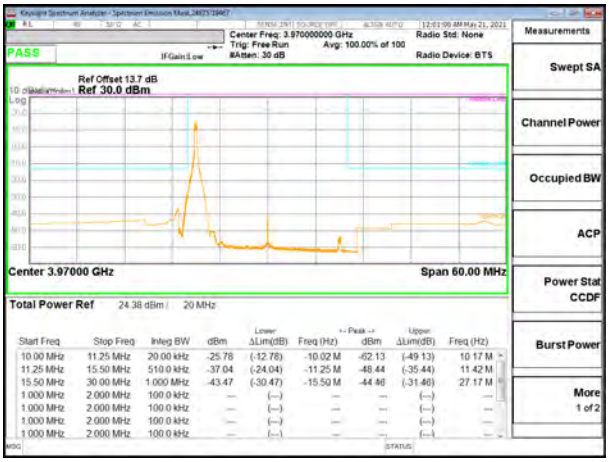



5G NR n77 20MHz BPSK Middle Channel RB1-50

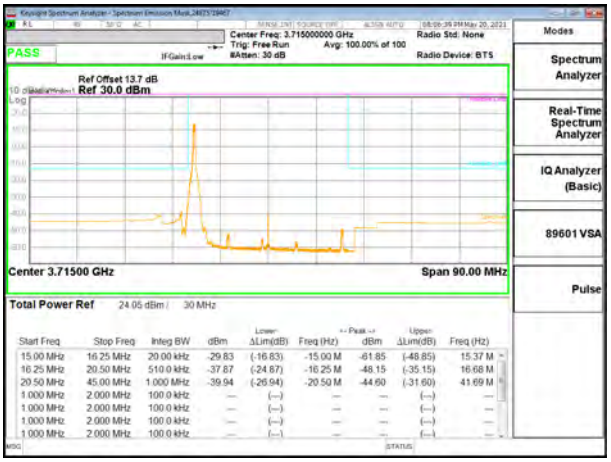



5G NR n77 20MHz BPSK Low Channel RB50-0

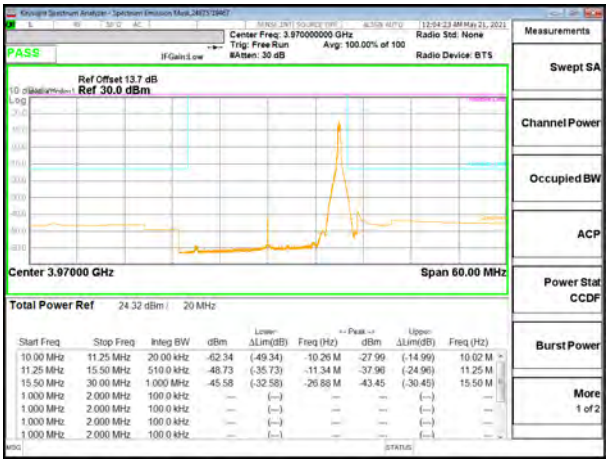

5G NR n77 20MHz BPSK Middle Channel RB50-0



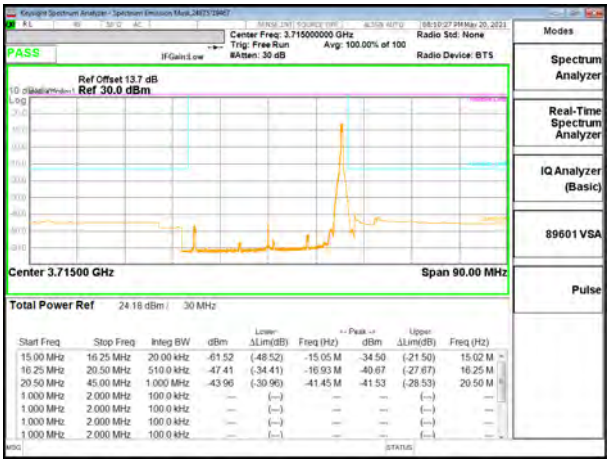

5G NR n77 20MHz BPSK High Channel RB1-0




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

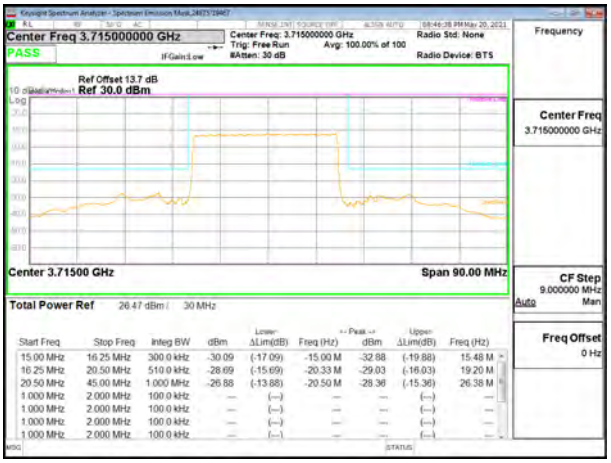



5G NR n77 20MHz BPSK High Channel RB1-50

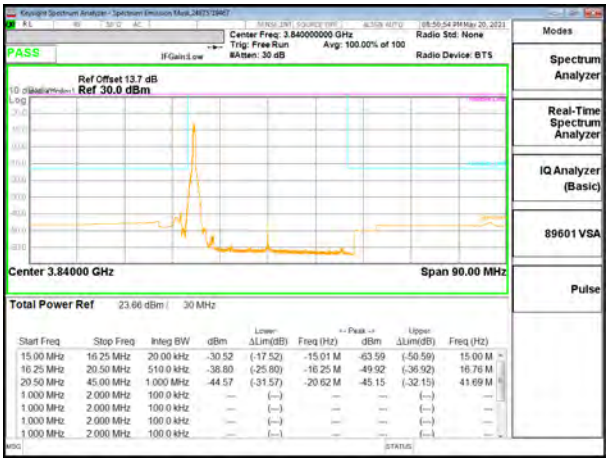



5G NR n77 30MHz BPSK Low Channel RB1-77

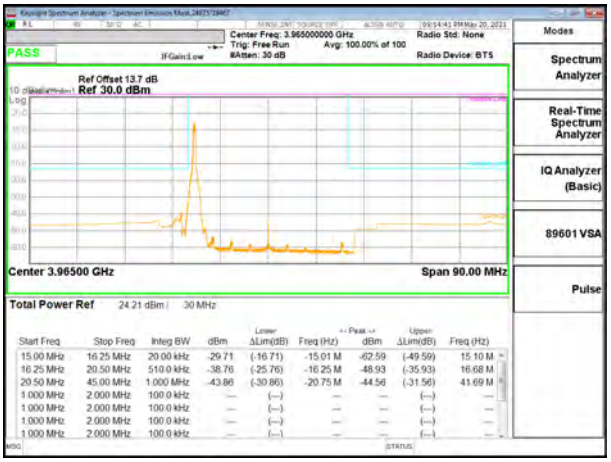

5G NR n77 20MHz BPSK High Channel RB50-0



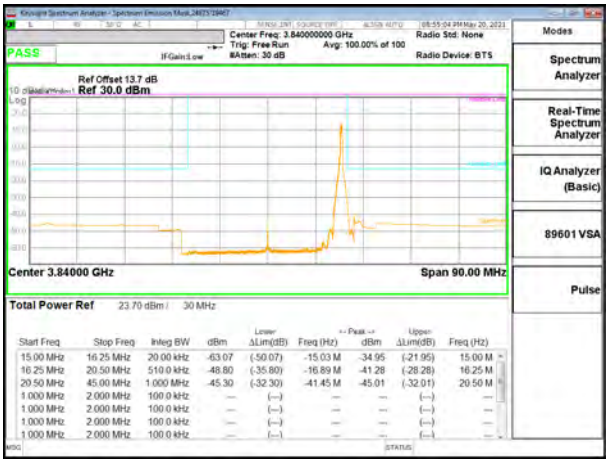

5G NR n77 30MHz BPSK Low Channel RB75-0



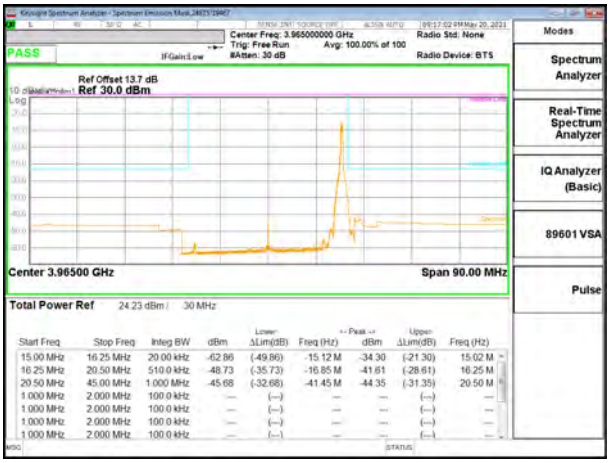

5G NR n77 30MHz BPSK Middle Channel RB1-0



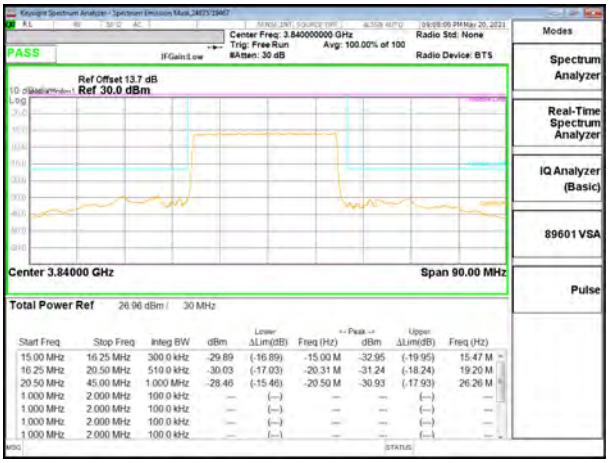

5G NR n77 30MHz BPSK High Channel RB1-0




5G NR n77 30MHz BPSK Middle Channel RB1-77



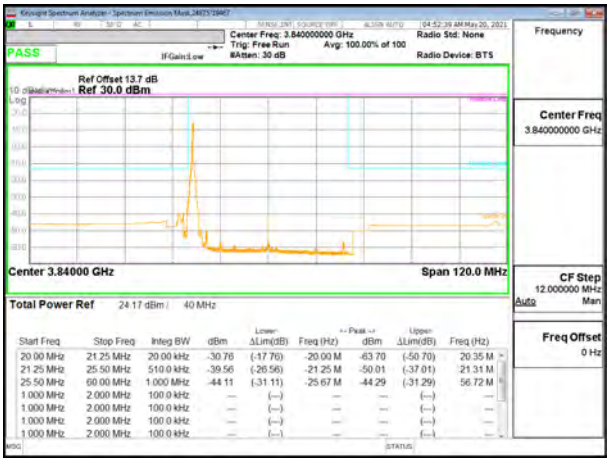

5G NR n77 30MHz BPSK High Channel RB1-77



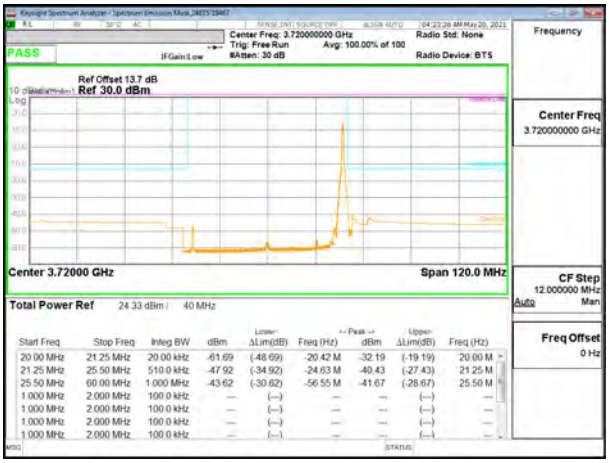

5G NR n77 30MHz BPSK Middle Channel RB75-0


5G NR n77 30MHz BPSK High Channel RB75-0

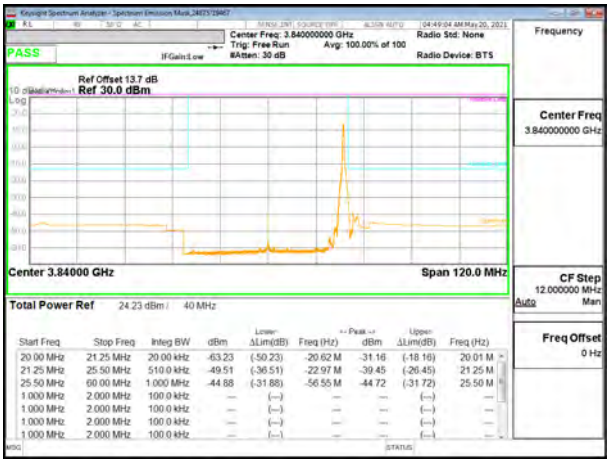

5G NR n77 40MHz BPSK Low Channel RB1-0



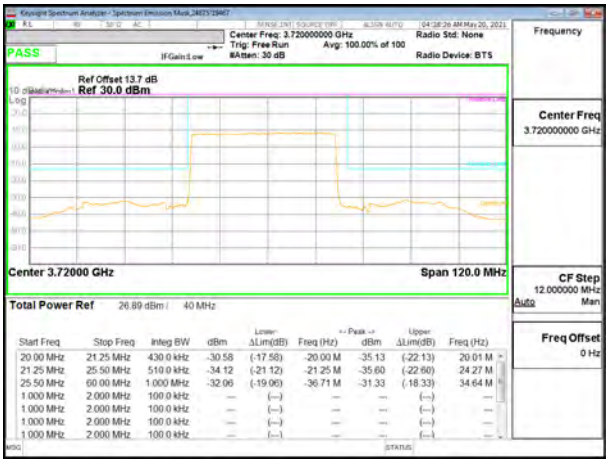

5G NR n77 40MHz BPSK Middle Channel RB1-0



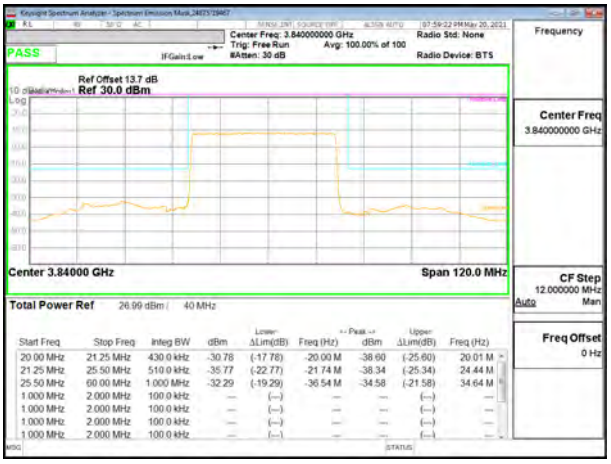

5G NR n77 40MHz BPSK Low Channel RB1-105



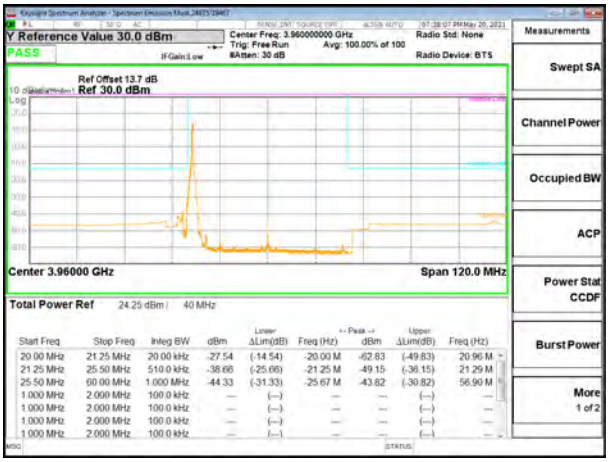

5G NR n77 40MHz BPSK Middle Channel RB1-105



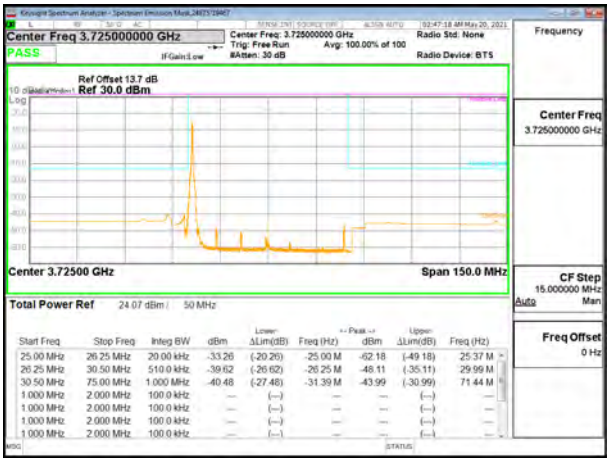

5G NR n77 40MHz BPSK Low Channel RB100-0



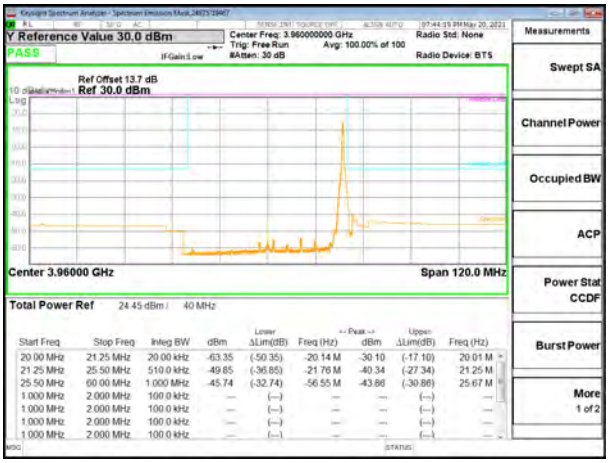

5G NR n77 40MHz BPSK Middle Channel RB100-0



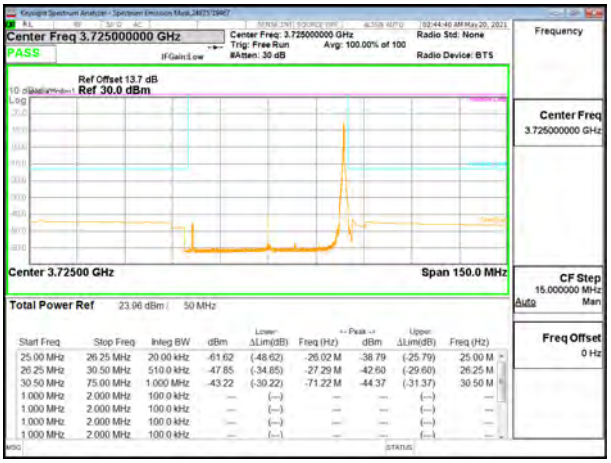

5G NR n77 40MHz BPSK High Channel RB1-0




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

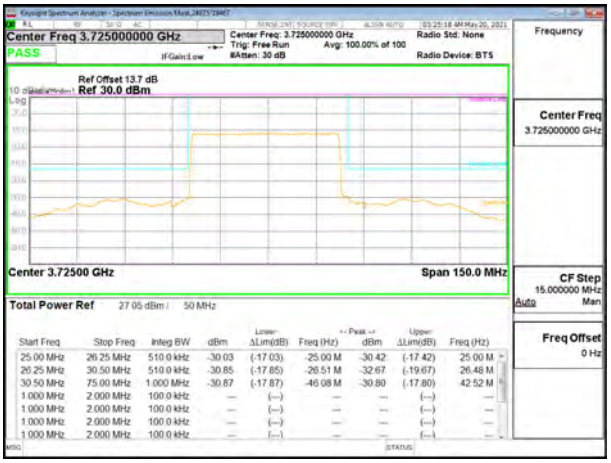



5G NR n77 40MHz BPSK High Channel RB1-105

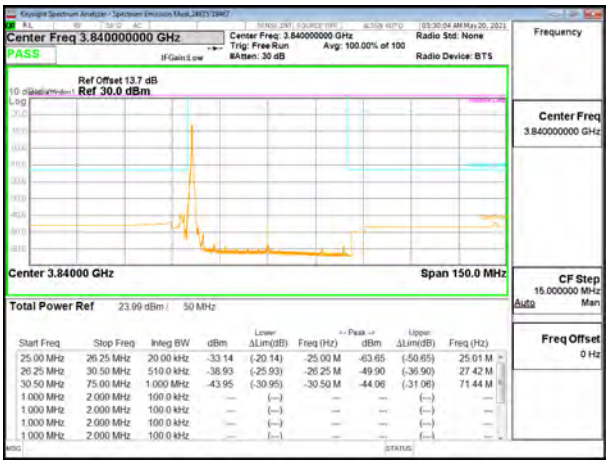



5G NR n77 50MHz BPSK Low Channel RB1-132

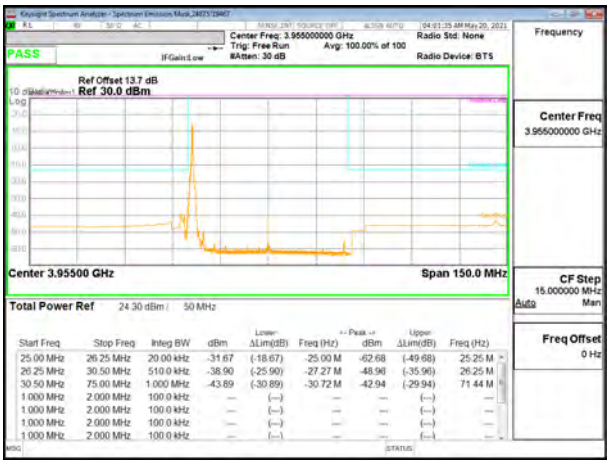

5G NR n77 40MHz BPSK High Channel RB100-0



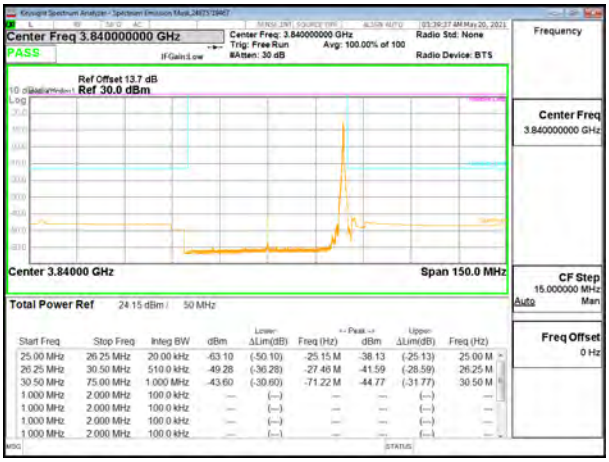

5G NR n77 50MHz BPSK Low Channel RB128-0



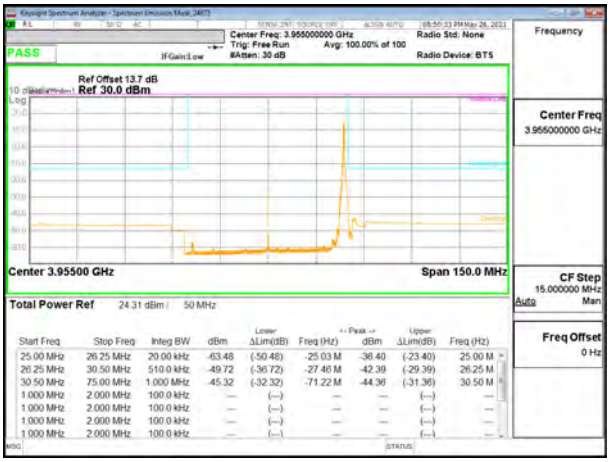

5G NR n77 50MHz BPSK Middle Channel RB1-0



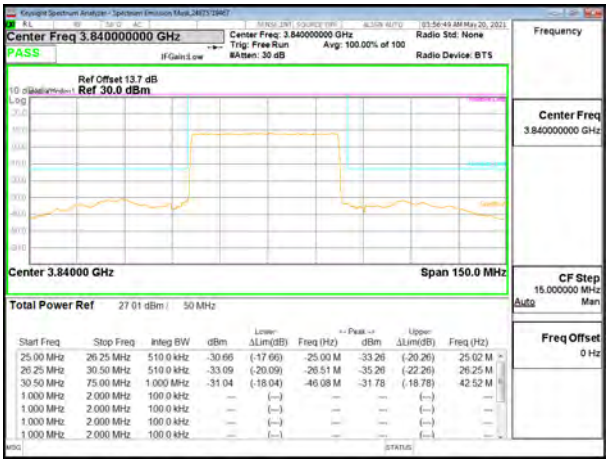

5G NR n77 50MHz BPSK High Channel RB1-0



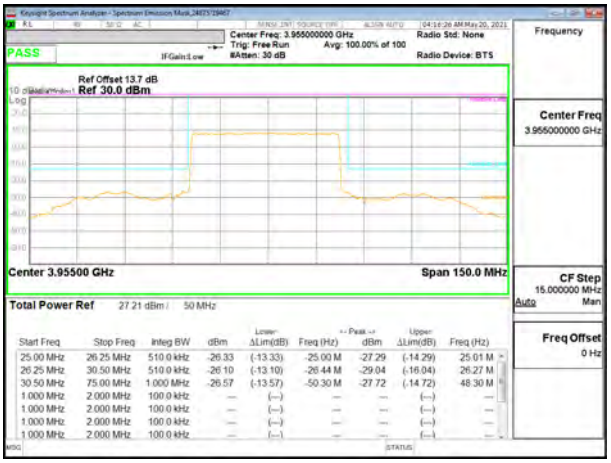

5G NR n77 50MHz BPSK Middle Channel RB1-132



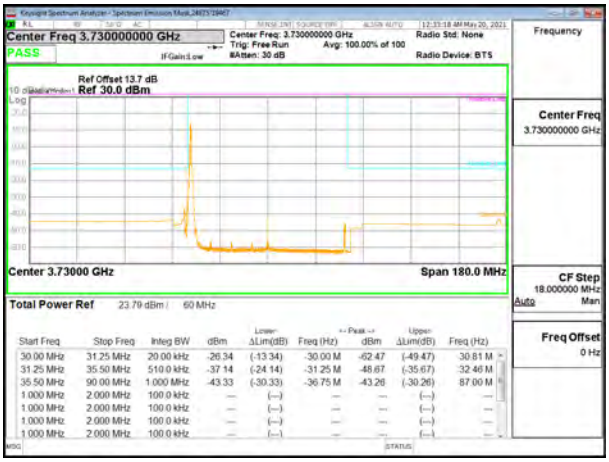

5G NR n77 50MHz BPSK High Channel RB1-132



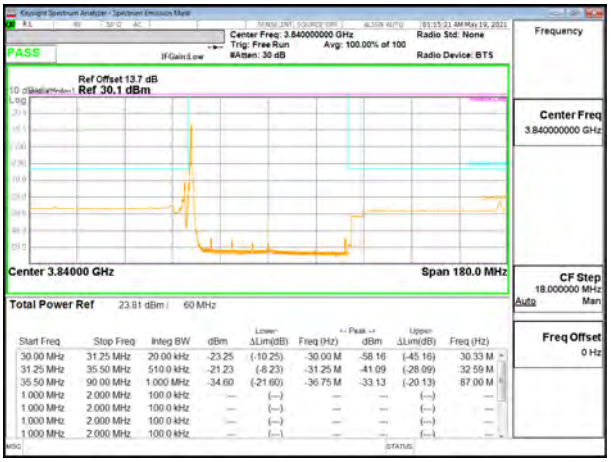

5G NR n77 50MHz BPSK Middle Channel RB128-0




5G NR n77 50MHz BPSK High Channel RB128-0

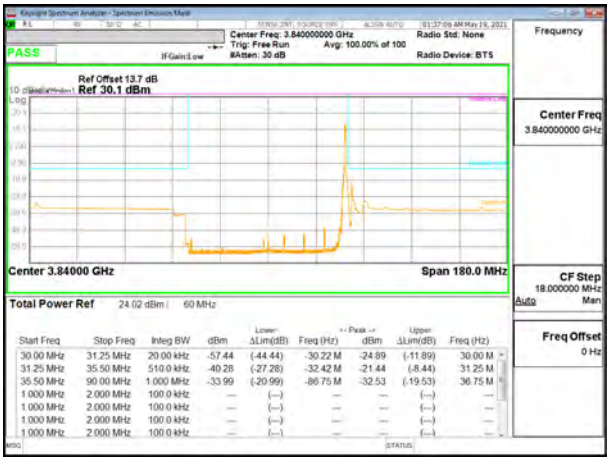



5G NR n77 60MHz BPSK Low Channel RB1-0



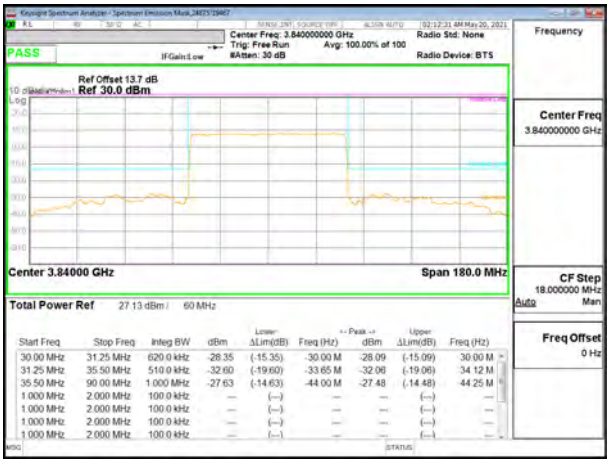

5G NR n77 60MHz BPSK Middle Channel RB1-0


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

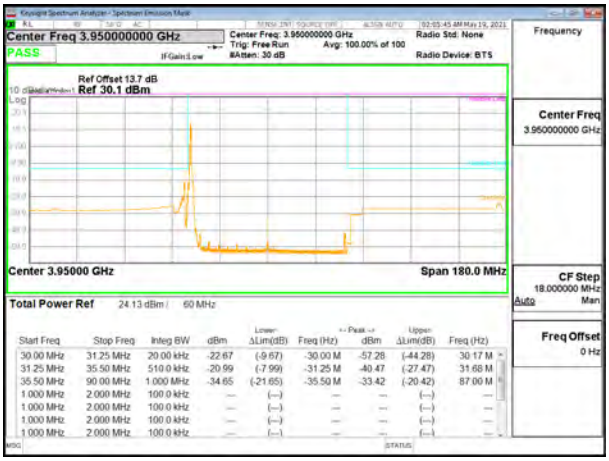



5G NR n77 60MHz BPSK Middle Channel RB1-161

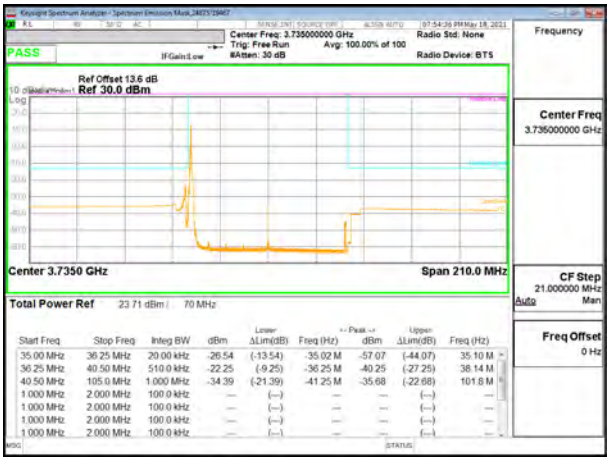

5G NR n77 60MHz BPSK Low Channel RB162-0



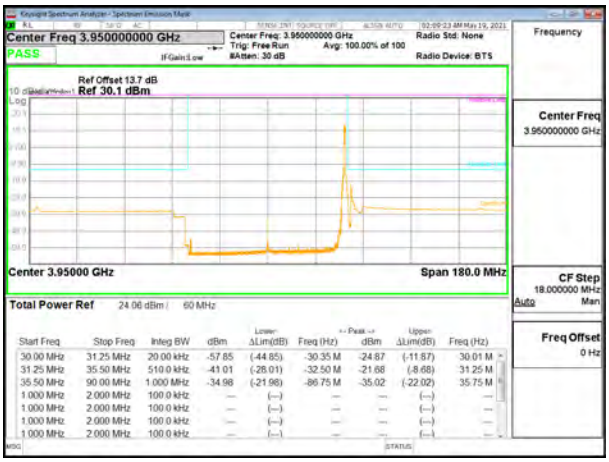

5G NR n77 60MHz BPSK Middle Channel RB162-0



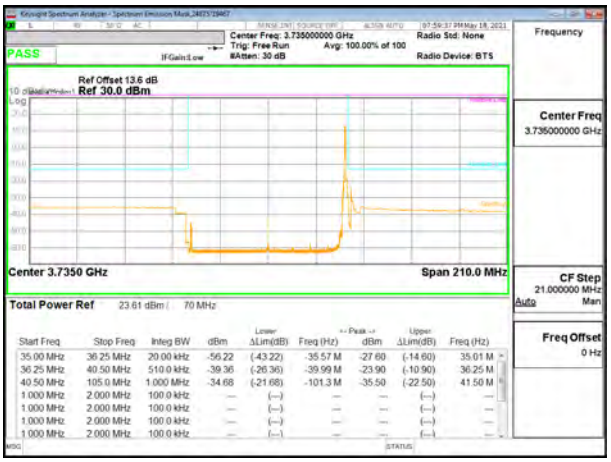

5G NR n77 60MHz BPSK High Channel RB1-0




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



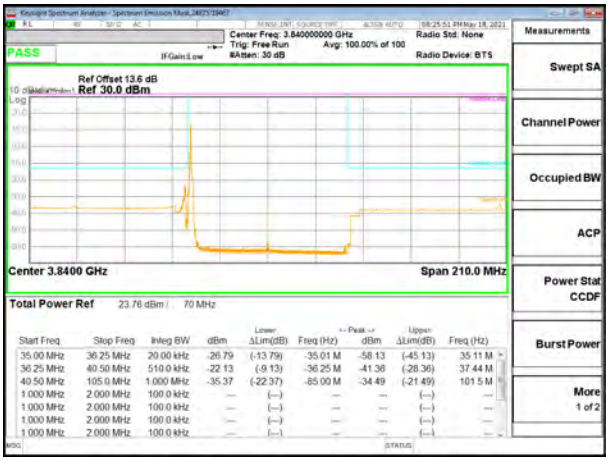

5G NR n77 60MHz BPSK High Channel RB1-161



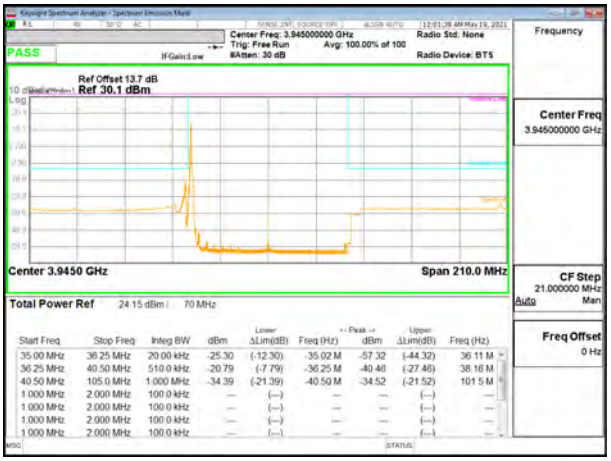

5G NR n77 70MHz BPSK Low Channel RB1-188


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

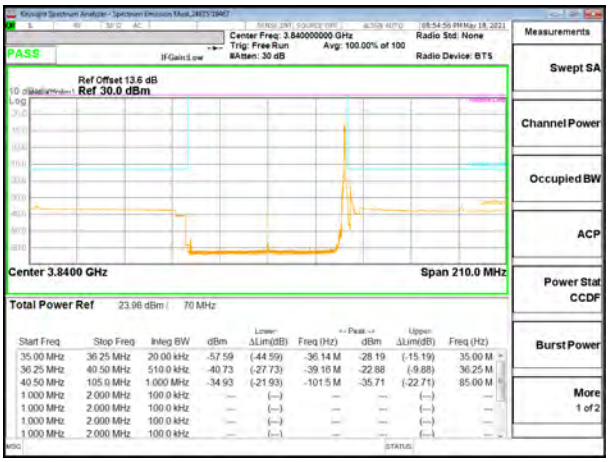

5G NR n77 70MHz BPSK Low Channel RB180-0



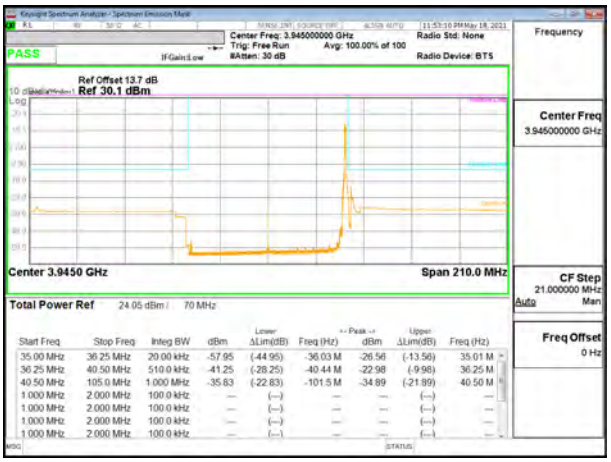

5G NR n77 70MHz BPSK Middle Channel RB1-0




5G NR n77 70MHz BPSK High Channel RB1-0, ID 19467




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



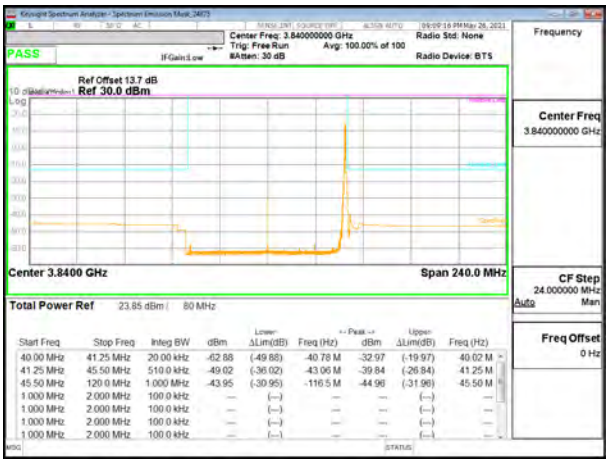

5G NR n77 70MHz BPSK High Channel RB1-188, ID 19467


5G NR n77 70MHz BPSK Middle Channel RB180-0, ID 19467


5G NR n77 70MHz BPSK High Channel RB180-0, ID 19467

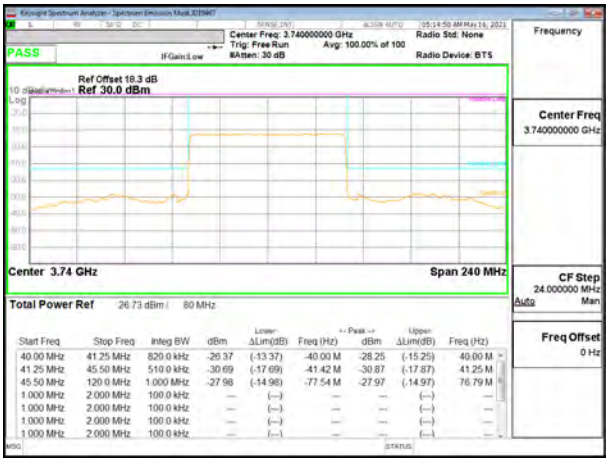

5G NR n77 80MHz BPSK Low Channel RB1-0


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

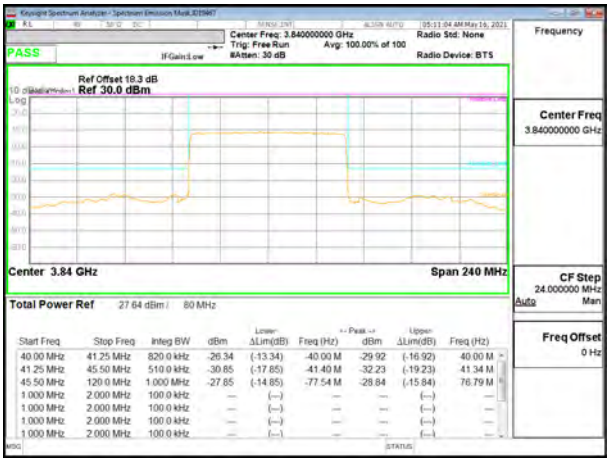



5G NR n77 80MHz BPSK Low Channel RB1-216

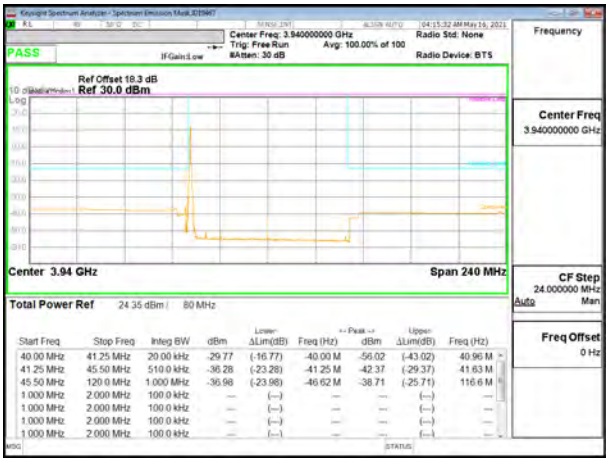

5G NR n77 80MHz BPSK Middle Channel RB1-216




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




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




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


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


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

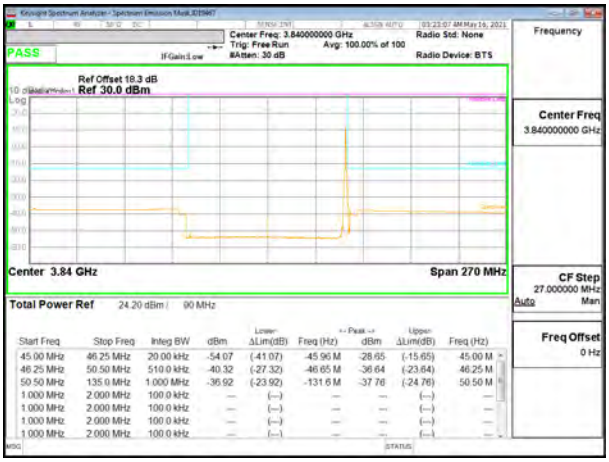

5G NR n77 90MHz BPSK Low Channel RB1-244


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

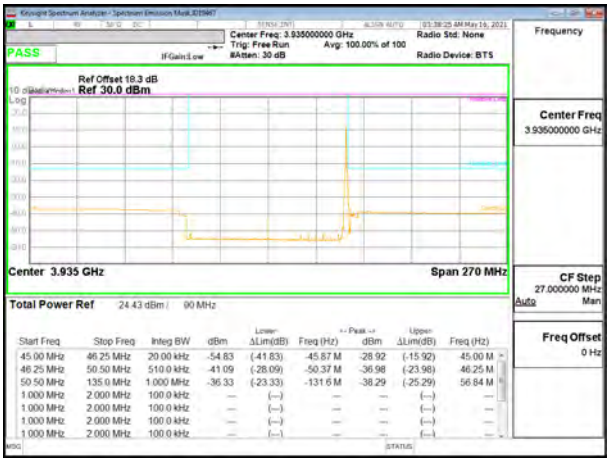

5G NR n77 90MHz BPSK Low Channel RB243-0


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


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



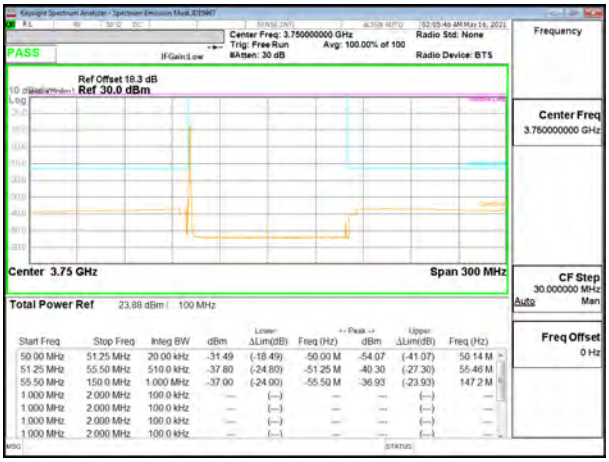

5G NR n77 90MHz BPSK Middle Channel RB1-244



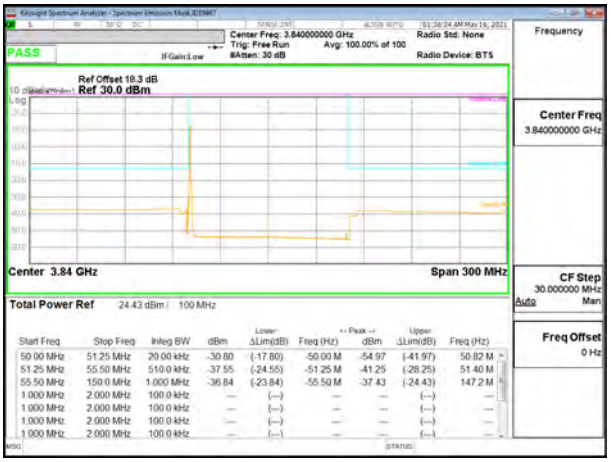

5G NR n77 90MHz BPSK High Channel RB1-244


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


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




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:

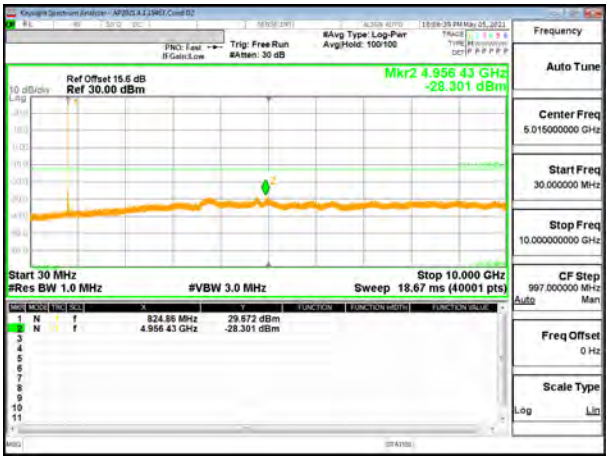
- Set display line at -13 dBm, -25dBm and -40dBm according to the band Limit
- Set RBW & VBW to 100 kHz for the measurement below 1 GHz, and 1 MHz for the measurement above 1 GHz. (NOTE: Worst case set RBW/VBW to 1MHz/3MHz)

**RESULTS**

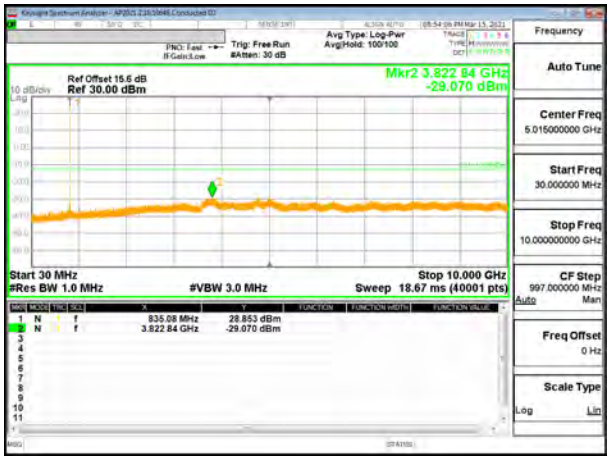
## 9.3.1. 5G NR n5

**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.




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

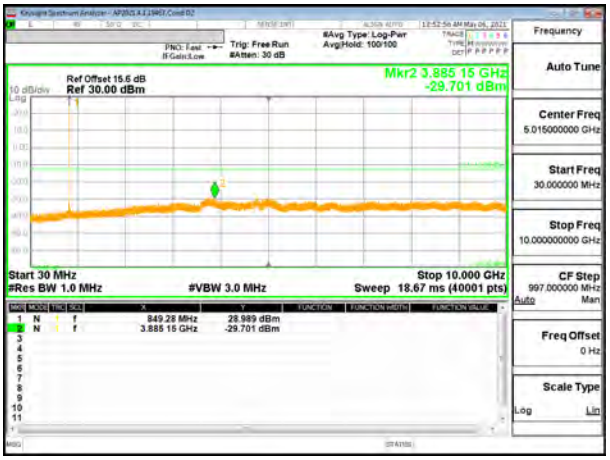



5G NR n5 5MHz BPSK Middle Channel RB1-1


5G NR n5 5MHz BPSK High Channel RB1-24


5G NR n5 10MHz BPSK Low Channel RB1-0


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



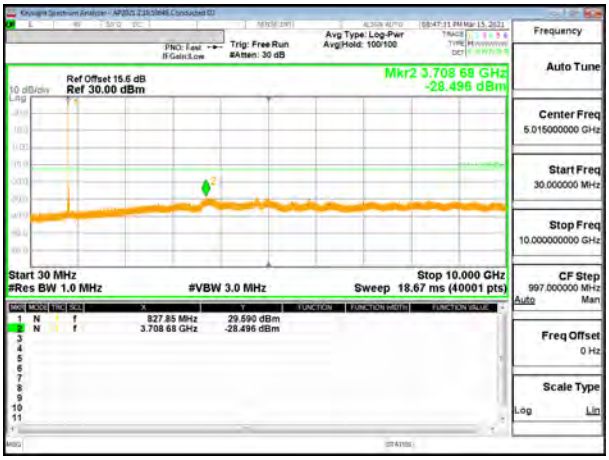

5G NR n5 10MHz BPSK High Channel RB1-51


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

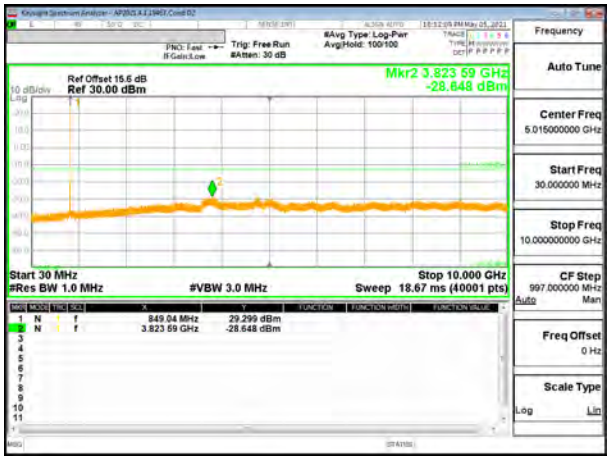

5G NR n5 15MHz BPSK Middle Channel RB1-1


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


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




5G NR n5 20MHz BPSK Middle Channel RB1-1



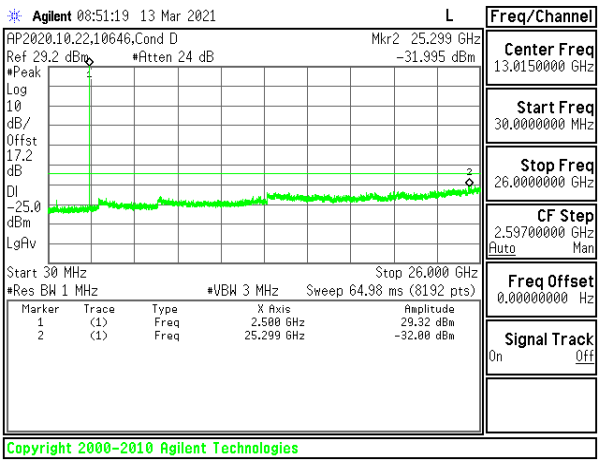

5G NR n5 20MHz BPSK High Channel RB1-105

## 9.3.2. LTE BAND 7 AND 5G NR n7

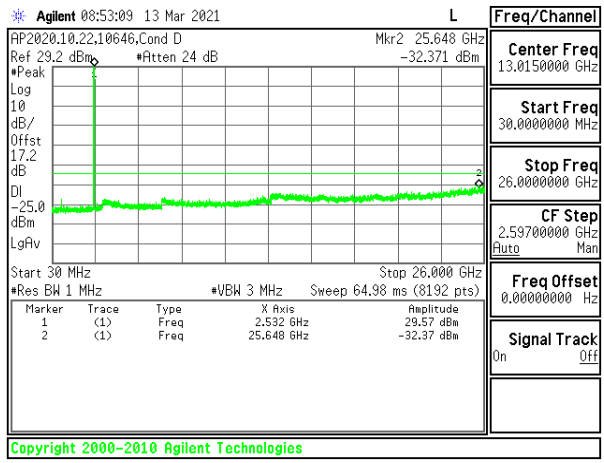
**LIMITS**

FCC: §27.53 (m)
The minimum permissible attenuation level of any spurious emissions is 55 + 10 log (P) dB where transmitting power (P) in Watts.

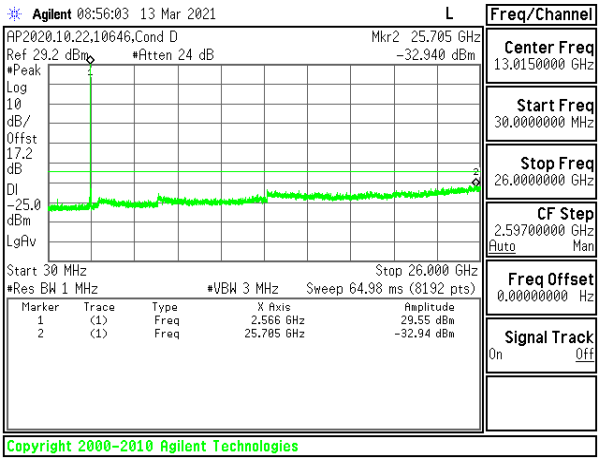
**LTE BAND 7**



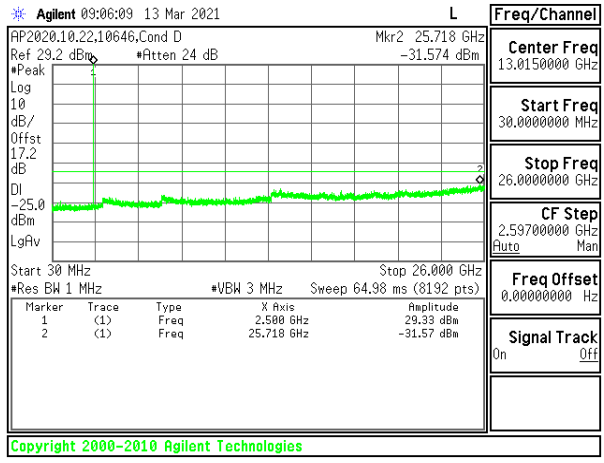

LTE B7 5MHz QPSK Low Channel RB1-0



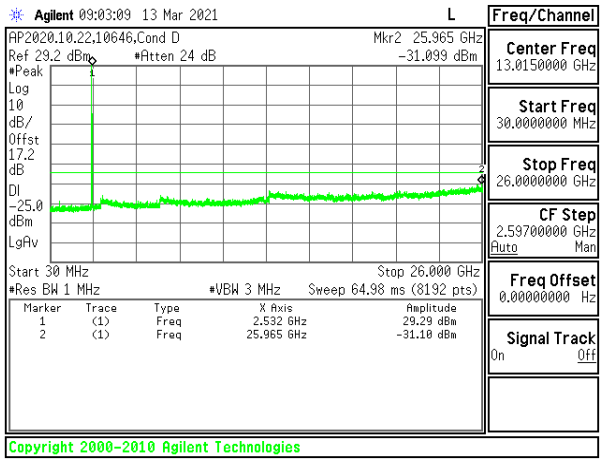

LTE B7 5MHz QPSK Middle Channel RB1-0



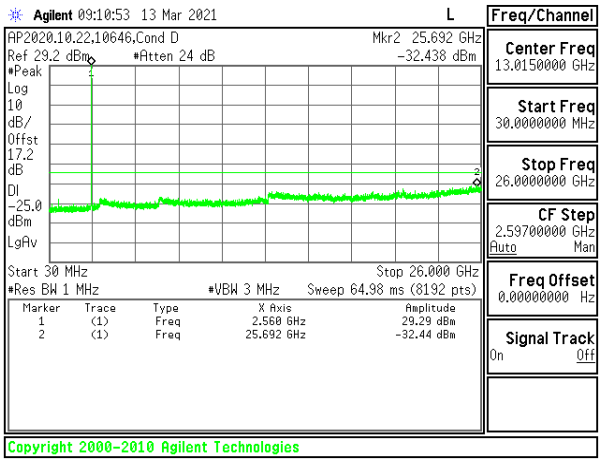

LTE B7 5MHz QPSK High Channel RB1-0



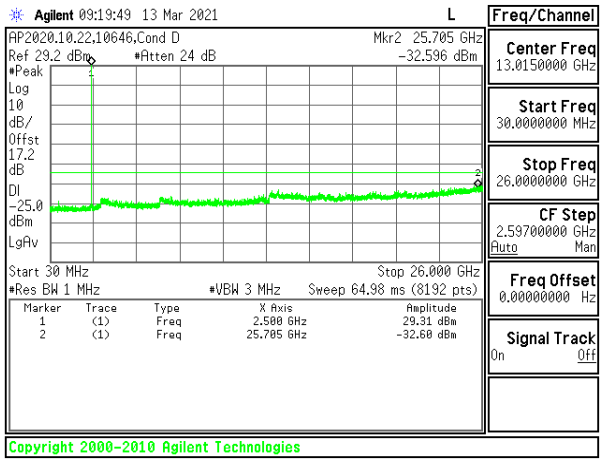

LTE B7 10MHz QPSK Low Channel RB1-0



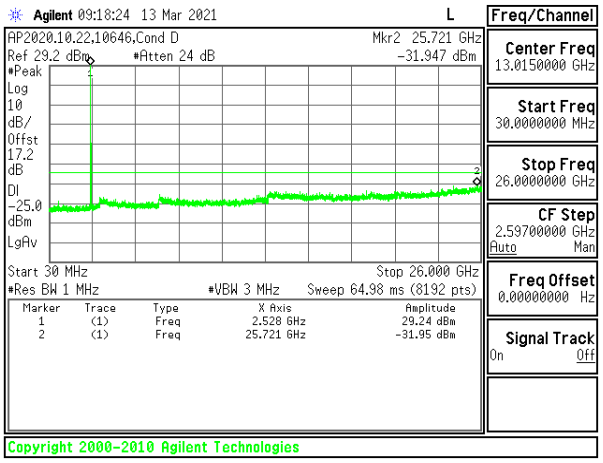

LTE B7 10MHz QPSK Middle Channel RB1-0



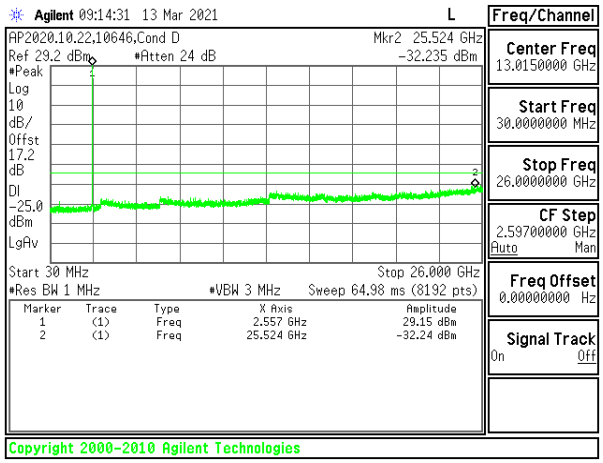

LTE B7 10MHz QPSK High Channel RB1-0



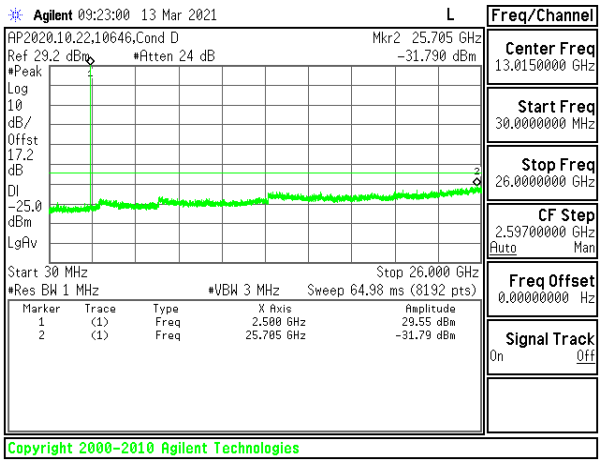

LTE B7 15MHz QPSK Low Channel RB1-0



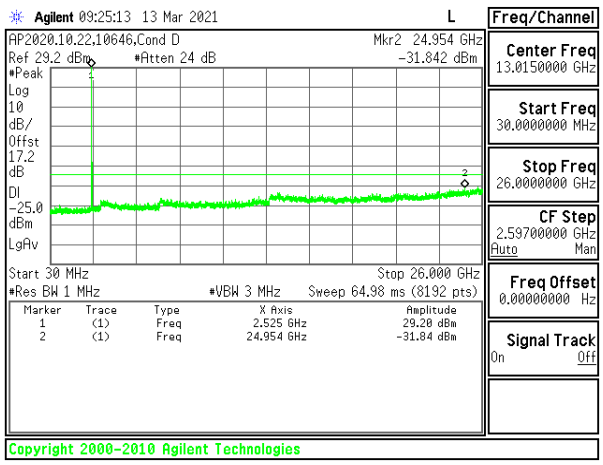

LTE B7 15MHz QPSK Middle Channel RB1-0



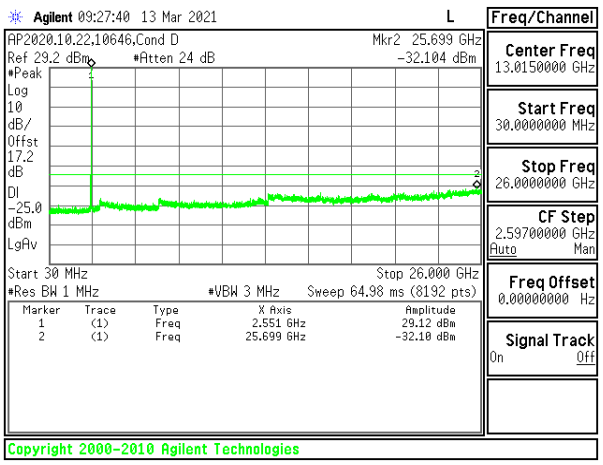

LTE B7 15MHz QPSK High Channel RB1-0




LTE B7 20MHz QPSK Low Channel RB1-0




LTE B7 20MHz QPSK Middle Channel RB1-0

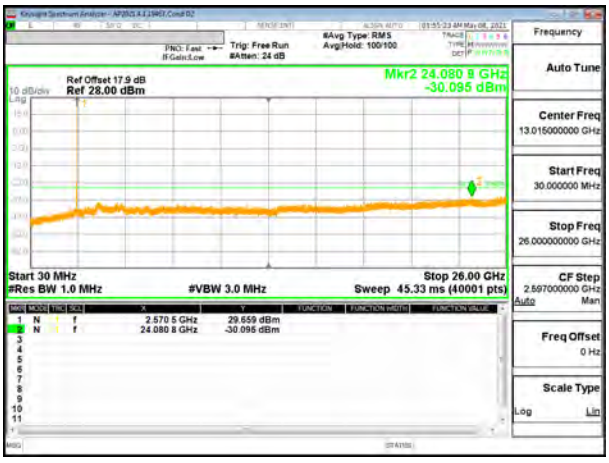



LTE B7 20MHz QPSK High Channel RB1-0

**5G NR n7**


5G NR n7 5MHz BPSK Low Channel RB1-0


5G NR n7 5MHz BPSK Middle Channel RB1-1

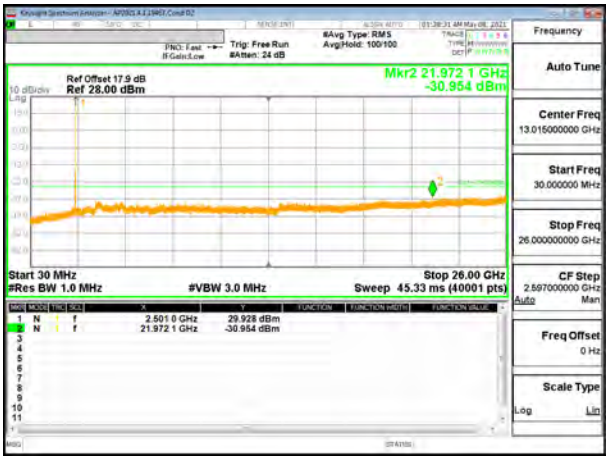



5G NR n7 5MHz BPSK High Channel RB1-24

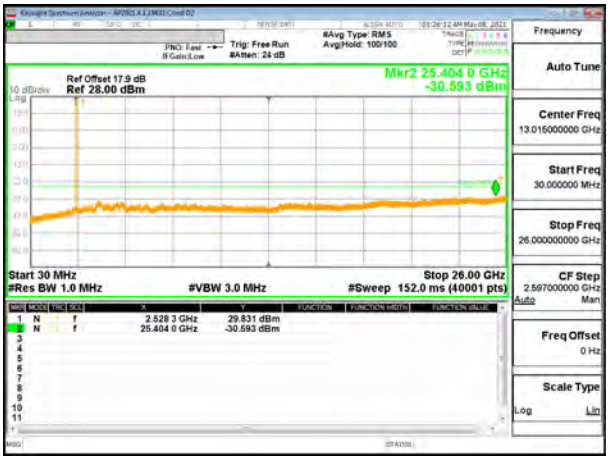

5G NR n7 10MHz BPSK Low Channel RB1-0


5G NR n7 10MHz BPSK Middle Channel RB1-1


5G NR n7 10MHz BPSK High Channel RB1-51




5G NR n7 15MHz BPSK Low Channel RB1-0

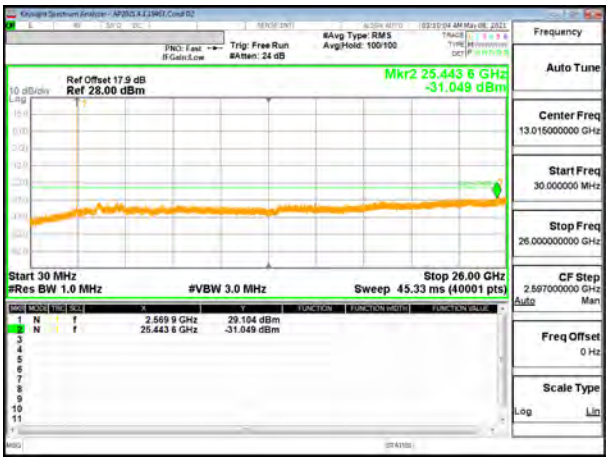



5G NR n7 15MHz BPSK Middle Channel RB1-1

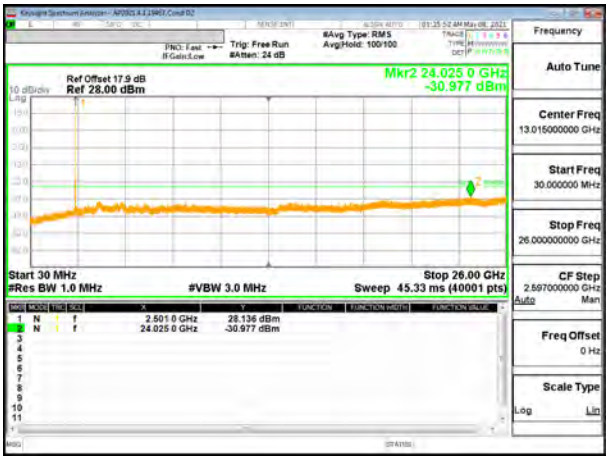

5G NR n7 15MHz BPSK High Channel RB1-78


5G NR n7 20MHz BPSK Low Channel RB1-0


5G NR n7 20MHz BPSK Middle Channel RB1-1

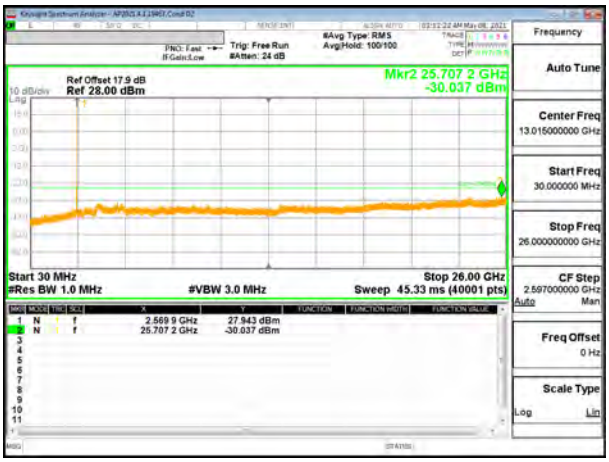



5G NR n7 20MHz BPSK High Channel RB1-105




5G NR n7 25MHz BPSK Low Channel RB1-0

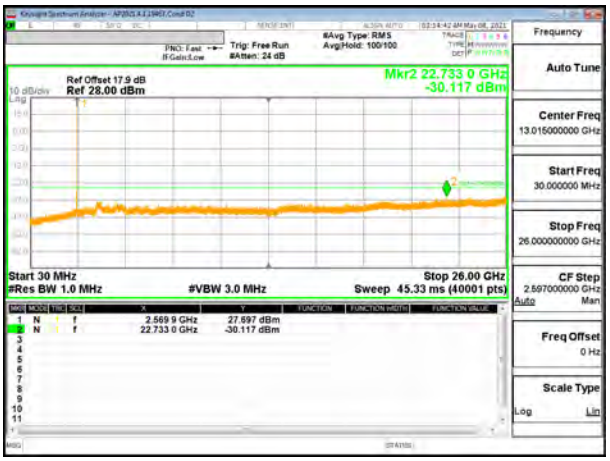

5G NR n7 25MHz BPSK Middle Channel RB1-1



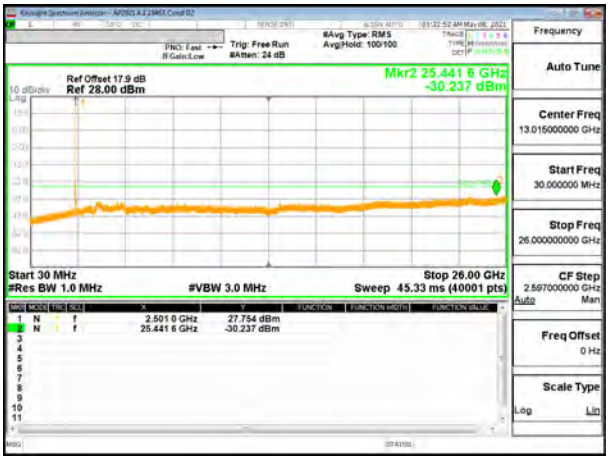

5G NR n7 25MHz BPSK High Channel RB1-132


5G NR n7 30MHz BPSK Low Channel RB1-0

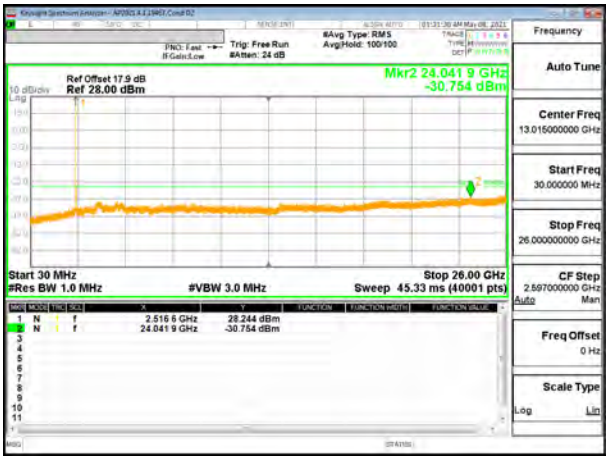

5G NR n7 30MHz BPSK Middle Channel RB1-1




5G NR n7 30MHz BPSK High Channel RB1-159




5G NR n7 40MHz BPSK Low Channel RB1-0




5G NR n7 40MHz BPSK Middle Channel RB1-1

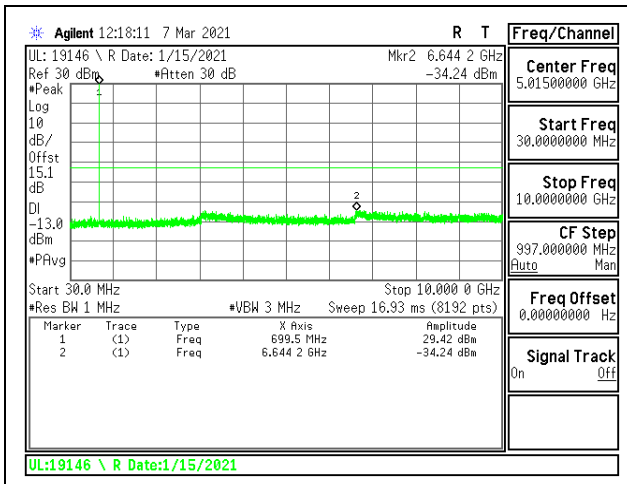

5G NR n7 40MHz BPSK High Channel RB1-215

## 9.3.3. LTE BAND 12 AND 5G NR n12

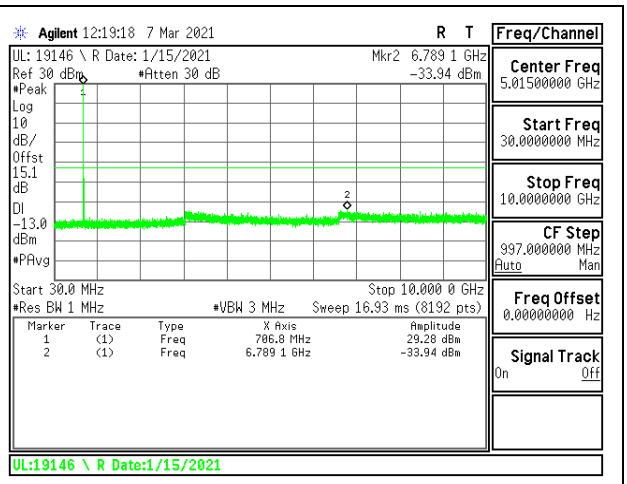
**LIMITS**

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.

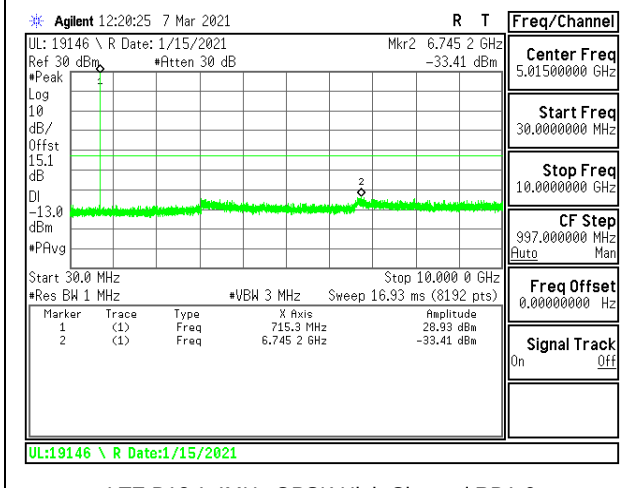
**LTE BAND 12**



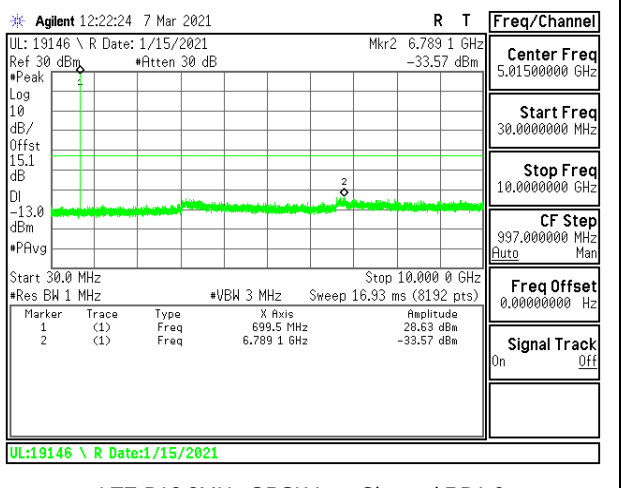

LTE B12 1.4MHz QPSK Low Channel RB1-0



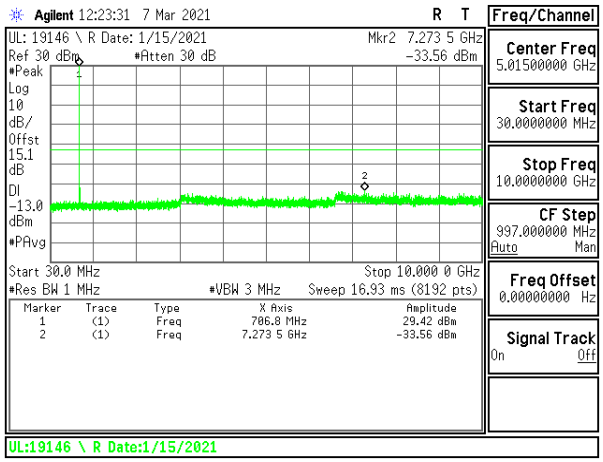

LTE B12 1.4MHz QPSK Middle Channel RB1-0



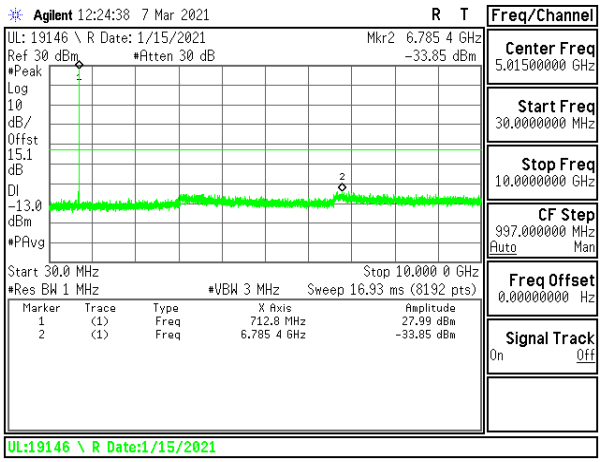

LTE B12 1.4MHz QPSK High Channel RB1-0



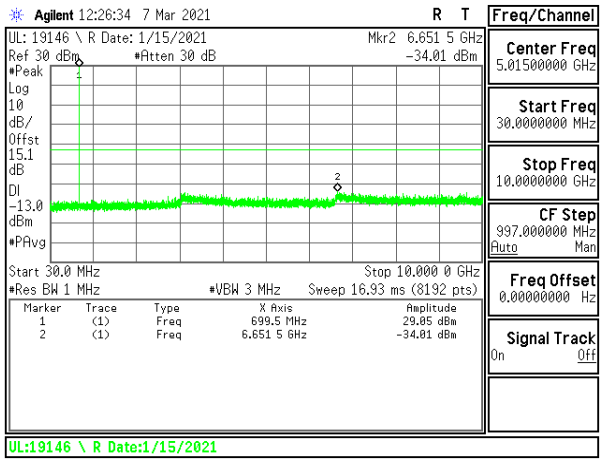

LTE B12 3MHz QPSK Low Channel RB1-0



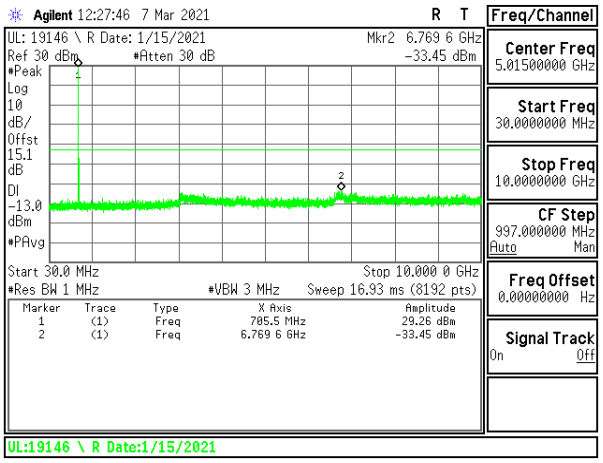

LTE B12 3MHz QPSK Middle Channel RB1-0



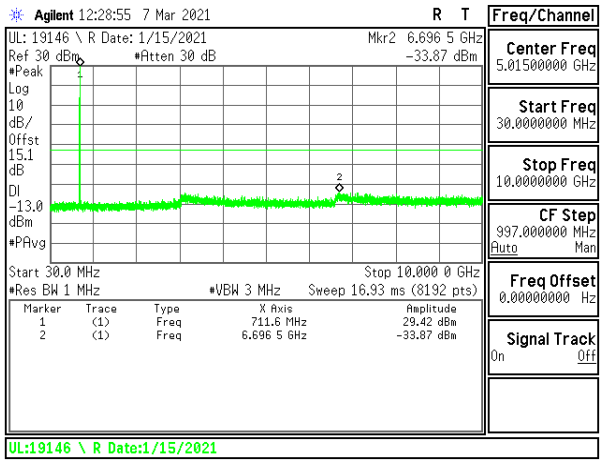

LTE B12 3MHz QPSK High Channel RB1-0



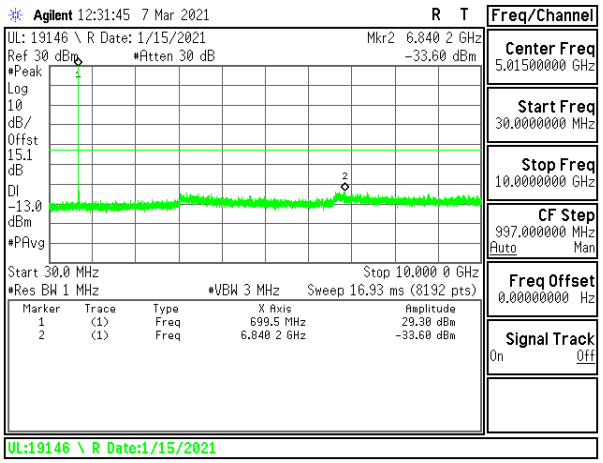

LTE B12 5MHz QPSK Low Channel RB1-0



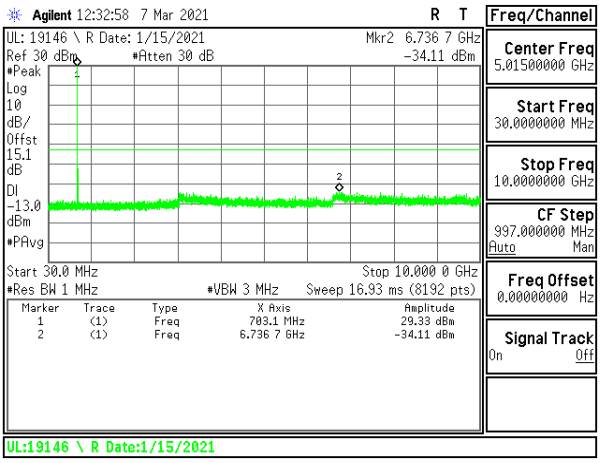

LTE B12 5MHz QPSK Middle Channel RB1-0



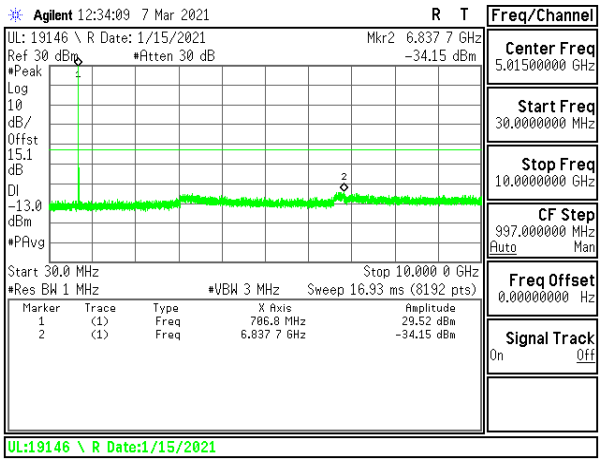

LTE B12 5MHz QPSK High Channel RB1-0




LTE B12 10MHz QPSK Low Channel RB1-0

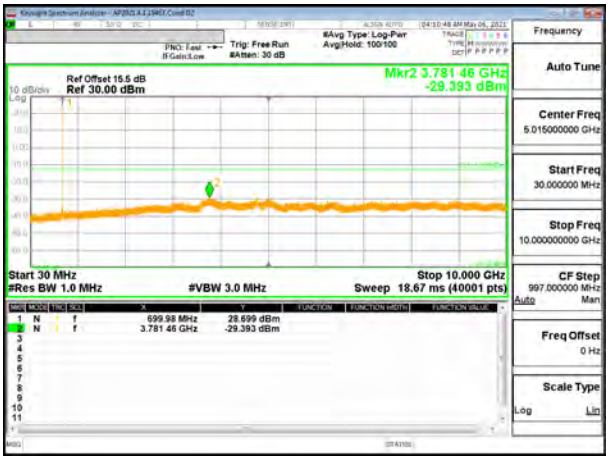



LTE B12 10MHz QPSK Middle Channel RB1-0

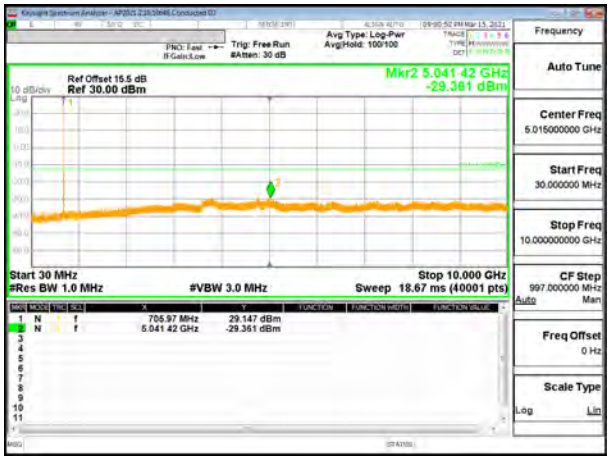



LTE B12 10MHz QPSK High Channel RB1-0

**5G NR n12**

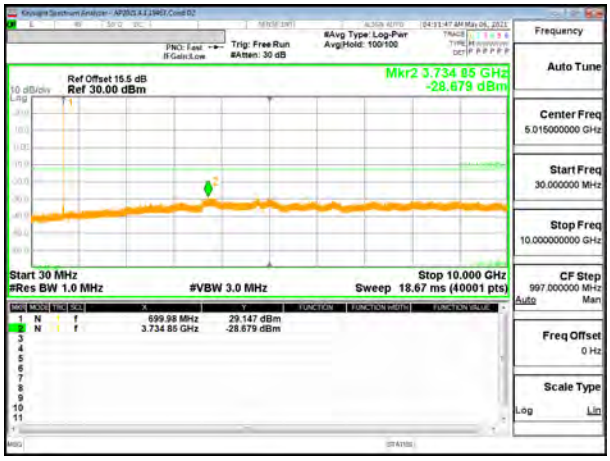



5G NR n12 5MHz BPSK Low Channel RB1-0

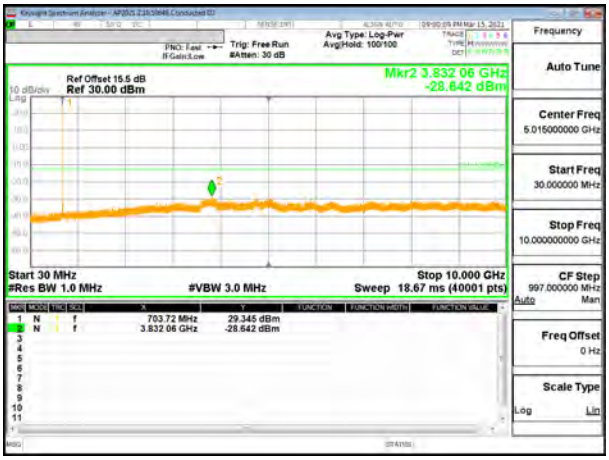



5G NR n12 5MHz BPSK Middle Channel RB1-1

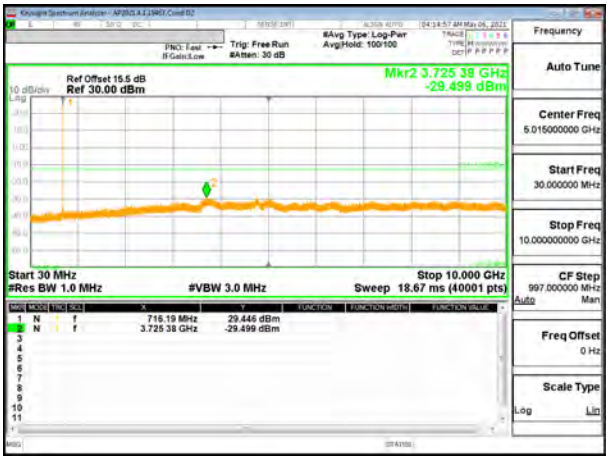

5G NR n12 5MHz BPSK High Channel RB1-24




5G NR n12 10MHz BPSK Low Channel RB1-0



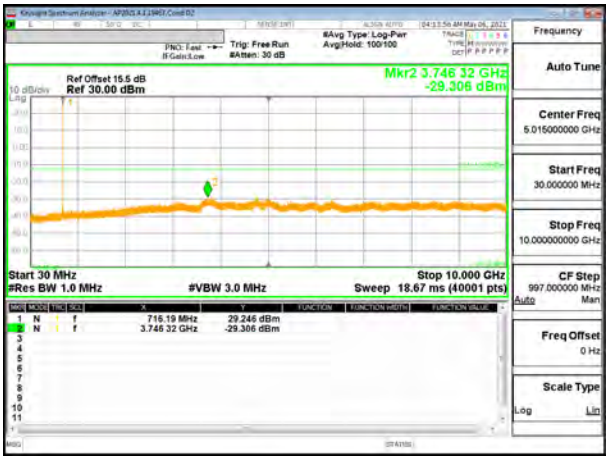

5G NR n12 10MHz BPSK Middle Channel RB1-1




5G NR n12 10MHz BPSK High Channel RB1-51


5G NR n12 15MHz BPSK Low Channel RB1-0


5G NR n12 15MHz BPSK Middle Channel RB1-1



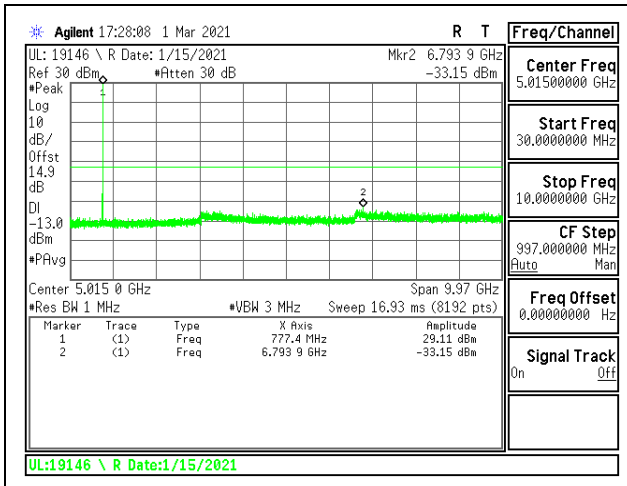

5G NR n12 15MHz BPSK High Channel RB1-78

## 9.3.4. LTE BAND 13

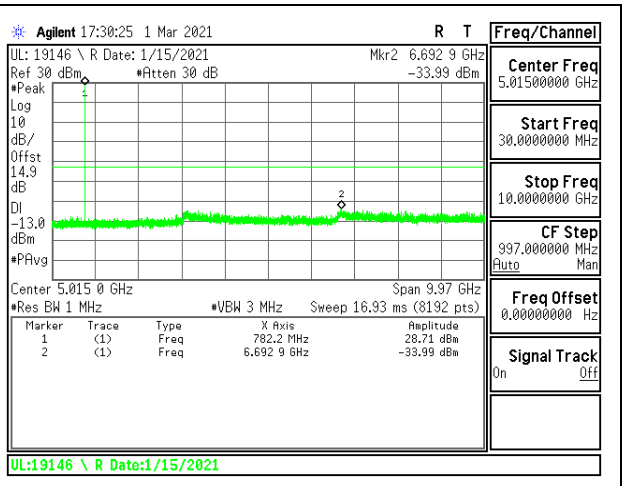
**LIMITS**

FCC: §27.53 (c), (f)
The minimum permissible attenuation level of any spurious emissions is 43 + 10 log (P) dB where transmitting power (P) in Watts. The band 1559-1610 MHz shall be limited to −70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and −80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth.
Note: Radiated data in section 9.1.6 confirms a compliance for the emissions in GPS 1559-1610 MHz band were wideband emissions therefore the -40dBm/MHz limit was used.

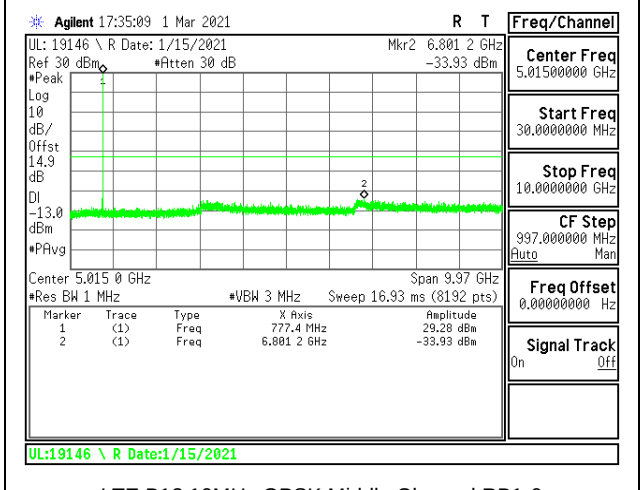
Note: Radiated data in section 9.1.6 confirms a compliance for the emissions in GPS 1559-1610 MHz band were wideband emissions therefore the -40dBm/MHz limit was used.




LTE B13 5MHz QPSK Low Channel RB1-0




LTE B13 5MHz QPSK High Channel RB1-0




LTE B13 10MHz QPSK Middle Channel RB1-0

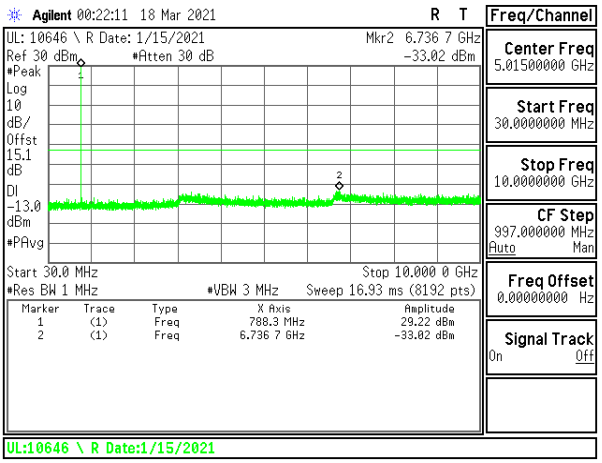
Note: Radiated data in section 9.1.6 confirms a compliance with narrowband limits for GPS1559-1610 MHz band.

## 9.3.5. LTE BAND 14

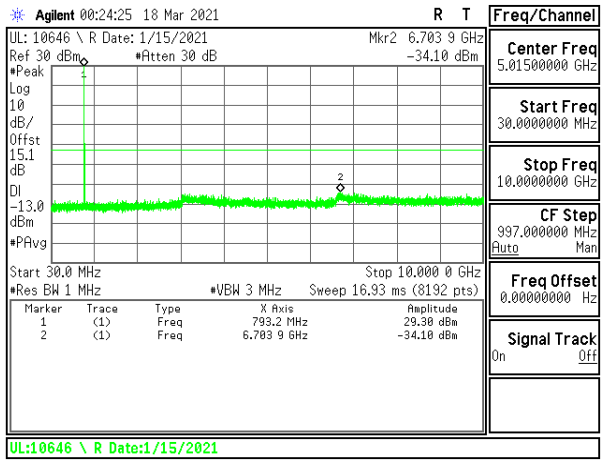
**LIMITS**

FCC: §90.543 (e), (f)
The minimum permissible attenuation level of any spurious emissions is 43 + 10 log (P) dB where transmitting power (P) in Watts. The band 1559-1610 MHz shall be limited to −70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and −80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth.
Note: Radiated data in section 9.1.7 confirms a compliance for the emissions in GPS 1559-1610 MHz band were wideband emissions therefore the -40dBm/MHz limit was used.

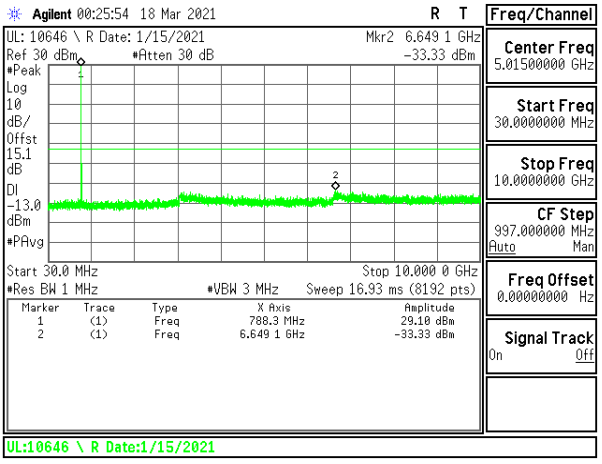
Note: Radiated data in section 9.1.7 confirms a compliance for the emissions in GPS 1559-1610 MHz band were wideband emissions therefore the -40dBm/MHz limit was used.



LTE B14 5MHz QPSK Low Channel RB1-0



LTE B14 5MHz QPSK High Channel RB1-0



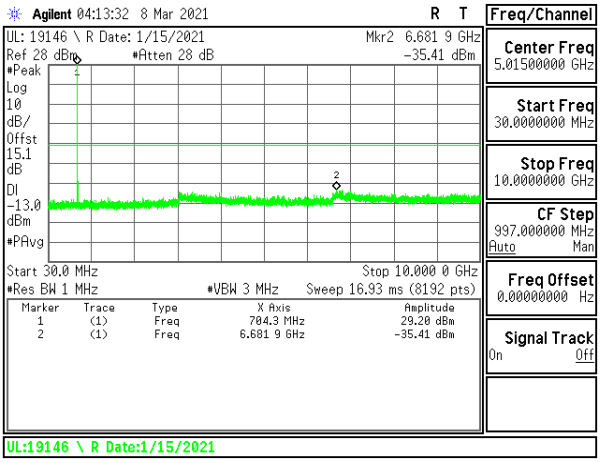
LTE B14 10MHz QPSK Middle Channel RB1-0

Note: Radiated data in section 9.1.7 confirms a compliance with narrowband limits for GPS1559-1610 MHz band.

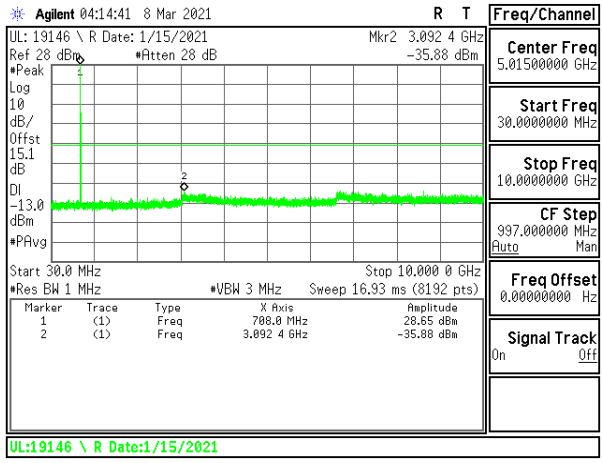
## 9.3.6. LTE BAND 17

**LIMITS**

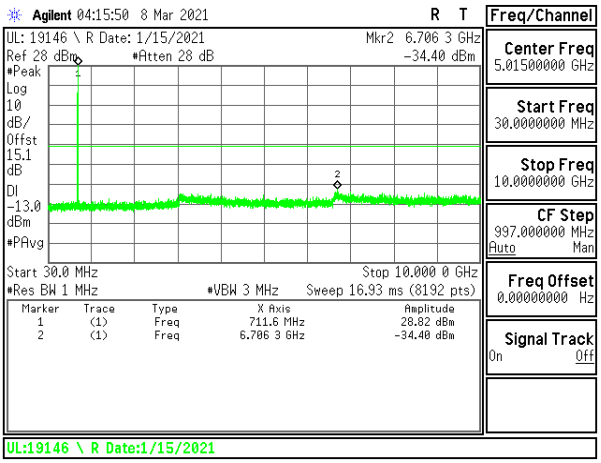
FCC: §27.53 (g)
The minimum permissible attenuation level of any spurious emissions is 43 + 10 log (P) dB where transmitting power (P) in Watts.



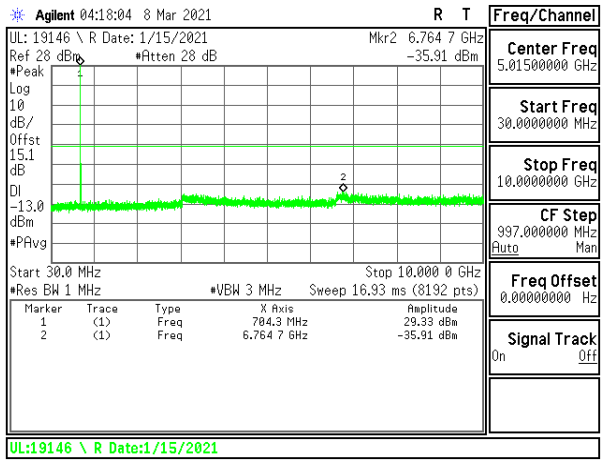

LTE B17 5MHz QPSK Low Channel RB1-0



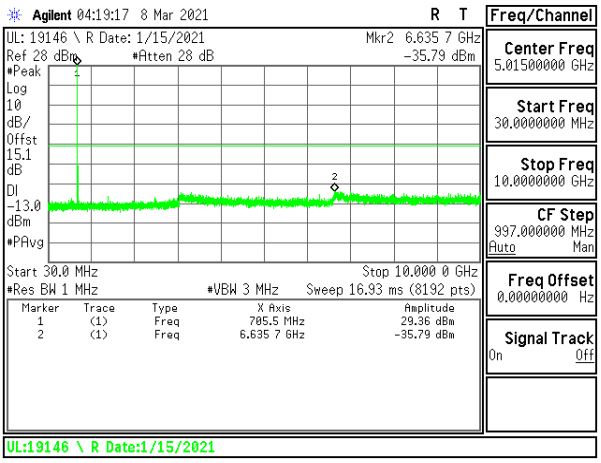

LTE B17 5MHz QPSK Middle Channel RB1-0



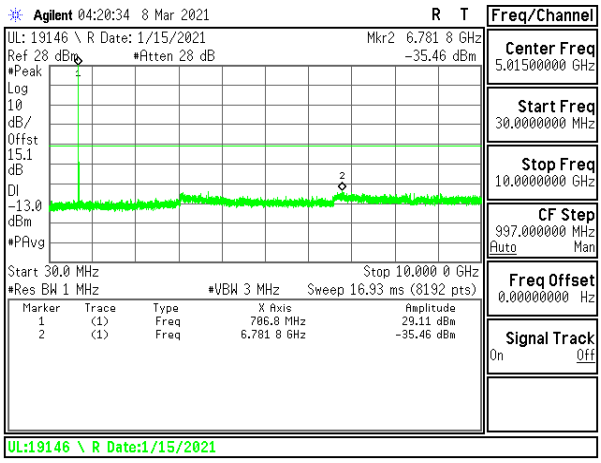

LTE B17 5MHz QPSK High Channel RB1-0




LTE B17 10MHz QPSK Low Channel RB1-0




LTE B17 10MHz QPSK Middle Channel RB1-0



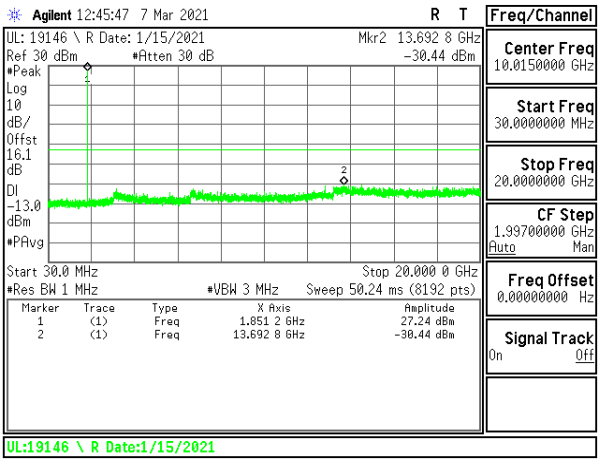

LTE B17 10MHz QPSK High Channel RB1-0

## 9.3.7. LTE BAND 25 AND 5G NR n25

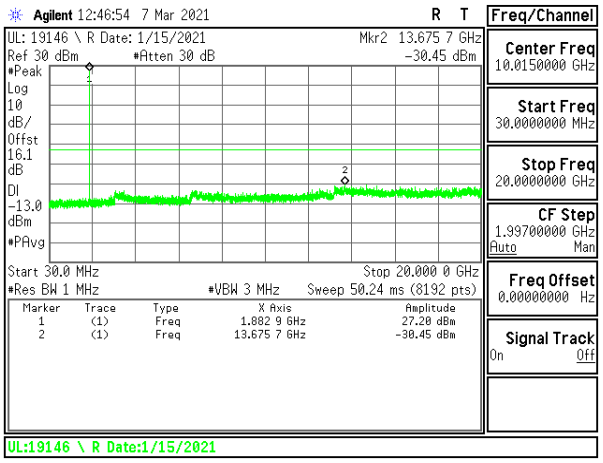
**LIMITS**

FCC: §24.238 (a)
The minimum permissible attenuation level of any spurious emissions is 43 + 10 log (P) dB where transmitting power (P) in Watts.

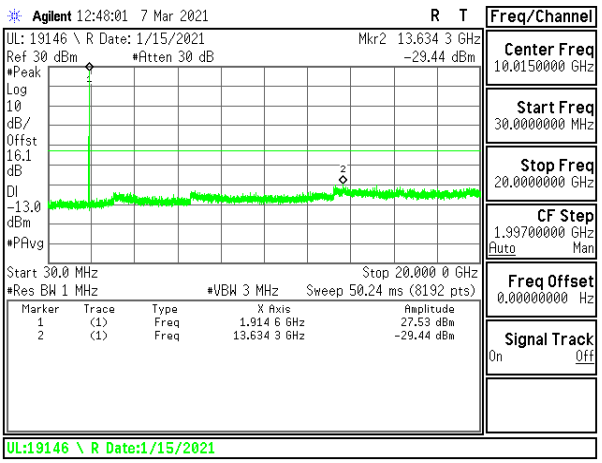
**LTE BAND 25**



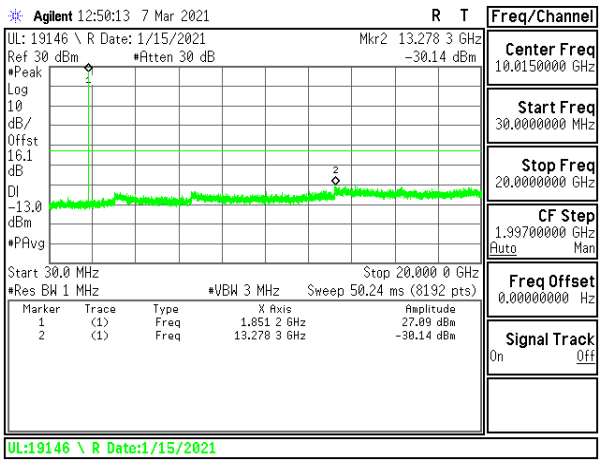

LTE B25 1.4MHz QPSK Low Channel RB1-0



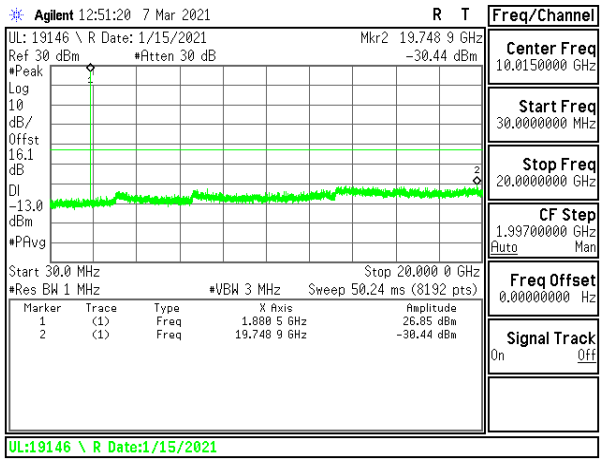

LTE B25 1.4MHz QPSK Middle Channel RB1-0



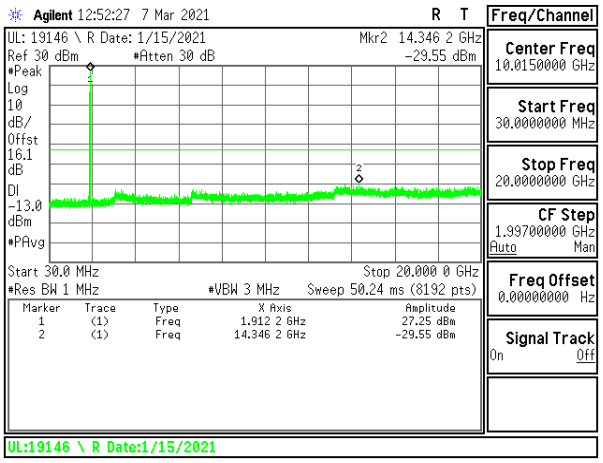

LTE B25 1.4MHz QPSK High Channel RB1-0



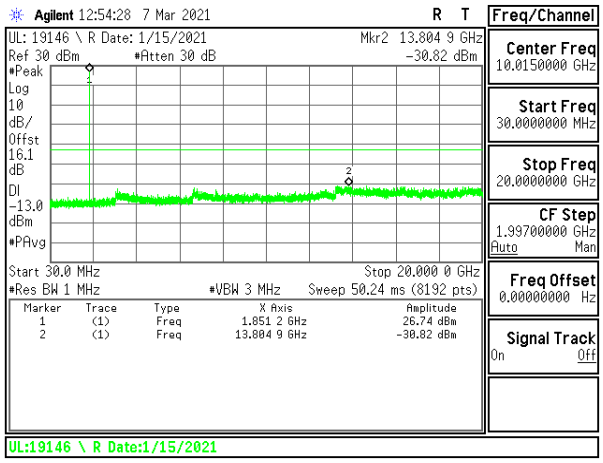

LTE B25 3MHz QPSK Low Channel RB1-0



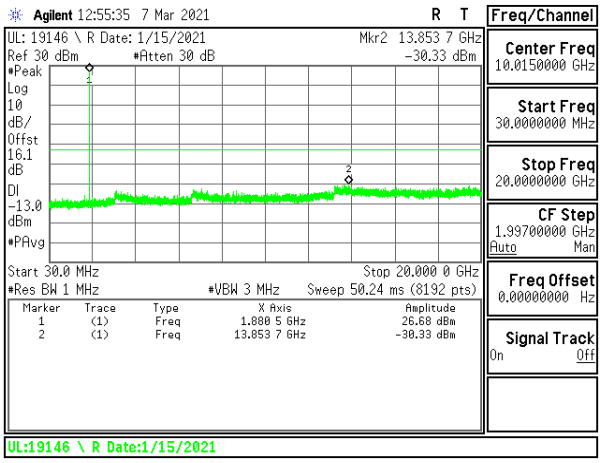

LTE B25 3MHz QPSK Middle Channel RB1-0



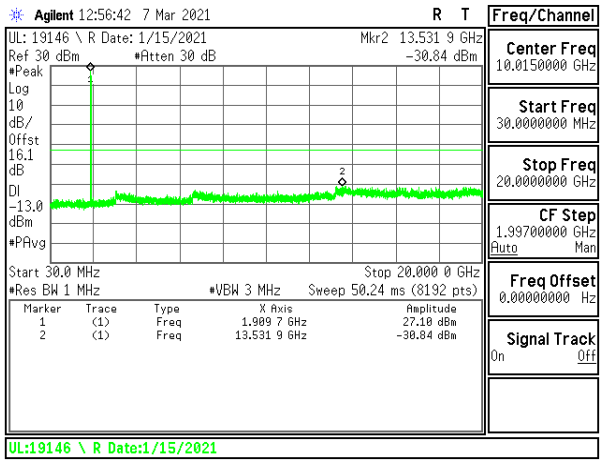

LTE B25 3MHz QPSK High Channel RB1-0



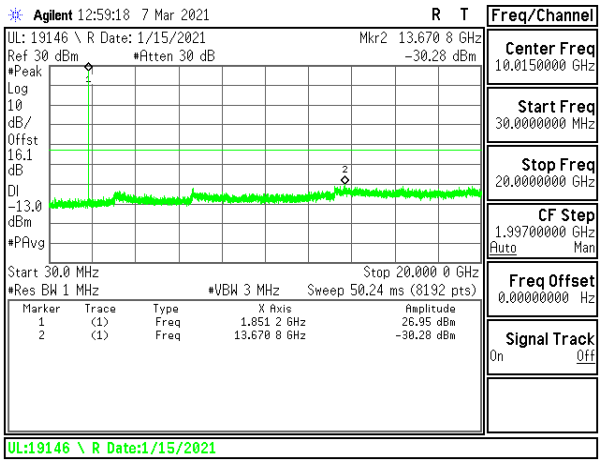

LTE B25 5MHz QPSK Low Channel RB1-0



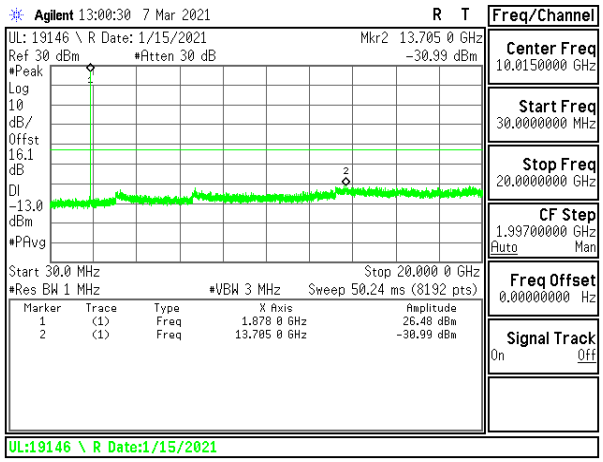

LTE B25 5MHz QPSK Middle Channel RB1-0



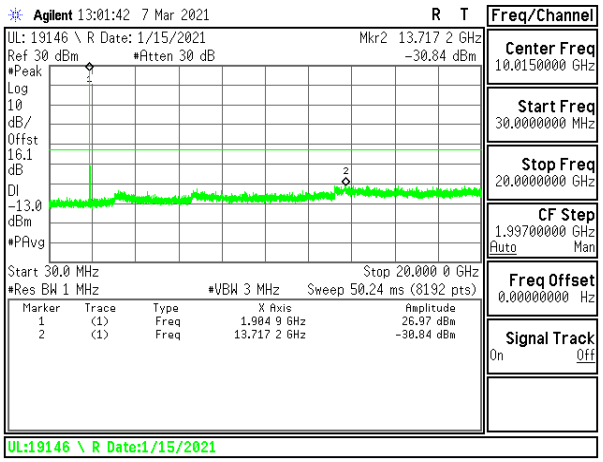

LTE B25 5MHz QPSK High Channel RB1-0



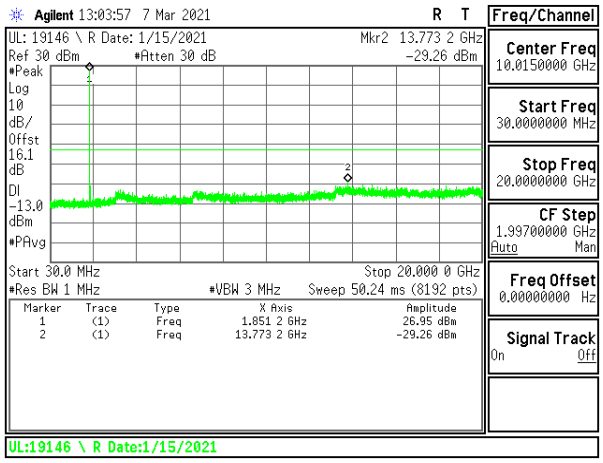

LTE B25 10MHz QPSK Low Channel RB1-0



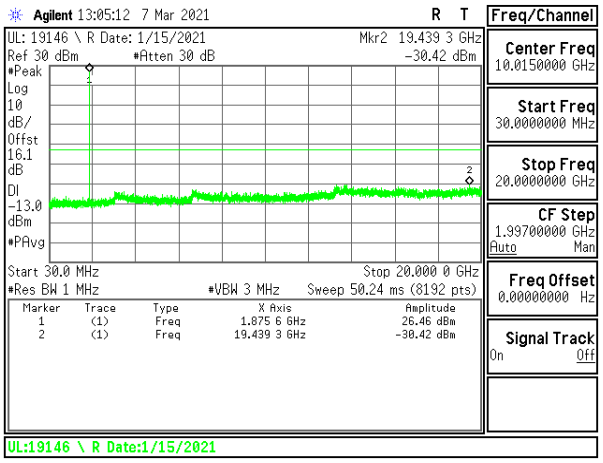

LTE B25 10MHz QPSK Middle Channel RB1-0



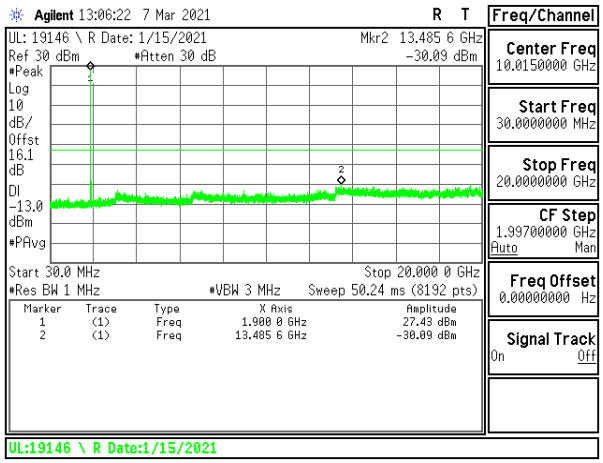

LTE B25 10MHz QPSK High Channel RB1-0



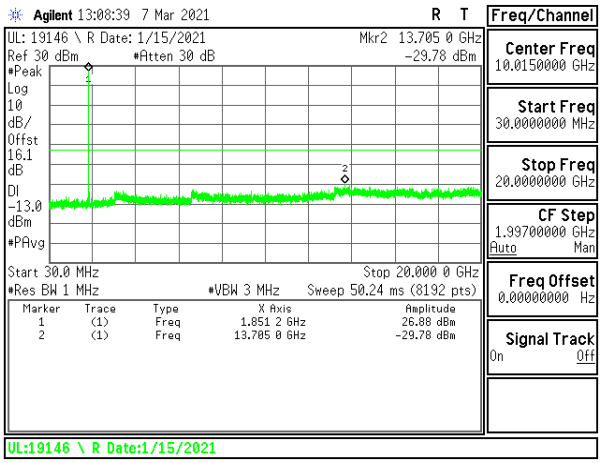

LTE B25 15MHz QPSK Low Channel RB1-0



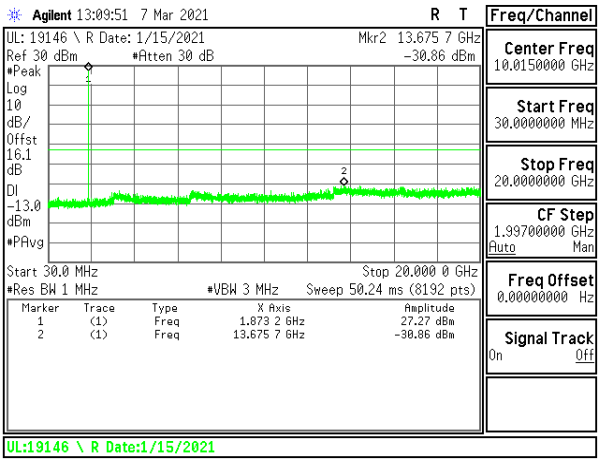

LTE B25 15MHz QPSK Middle Channel RB1-0



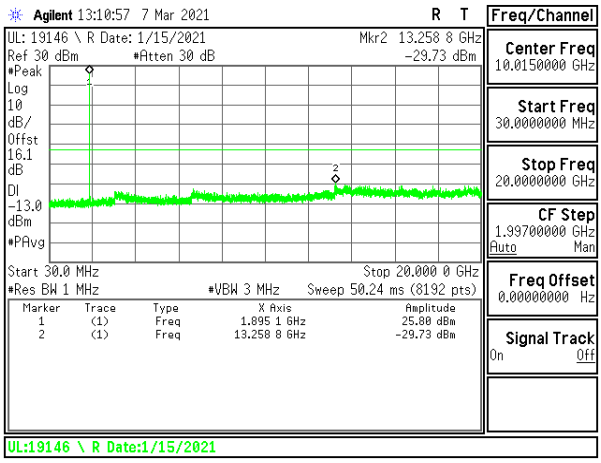

LTE B25 15MHz QPSK High Channel RB1-0




LTE B25 20MHz QPSK Low Channel RB1-0




LTE B25 20MHz QPSK Middle Channel RB1-0

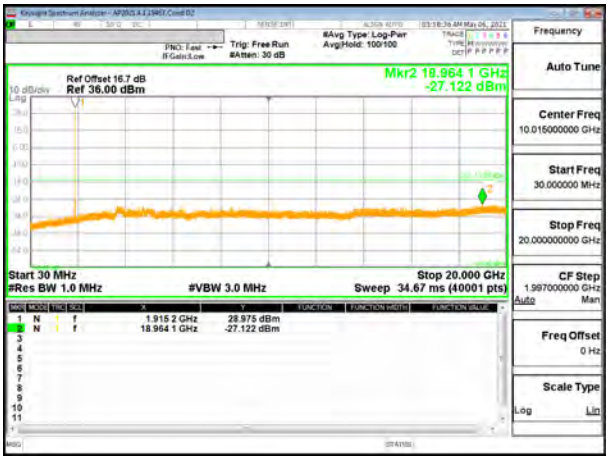



LTE B25 20MHz QPSK High Channel RB1-0

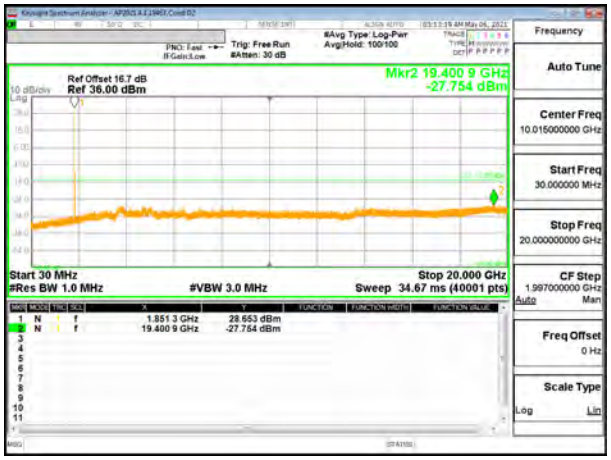
**5G NR n25**


5G NR n25 5MHz BPSK Low Channel RB1-0

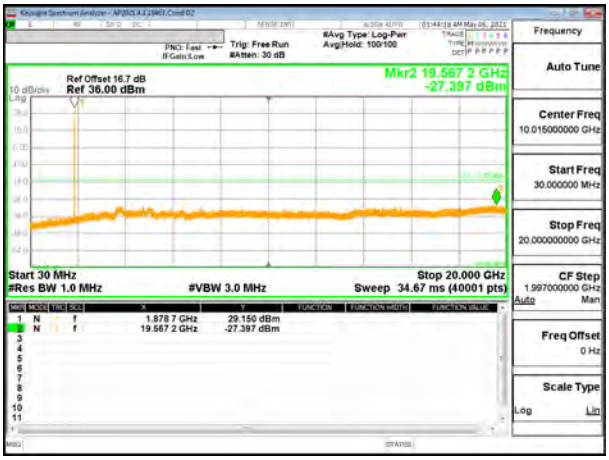

5G NR n25 5MHz BPSK Middle Channel RB1-1



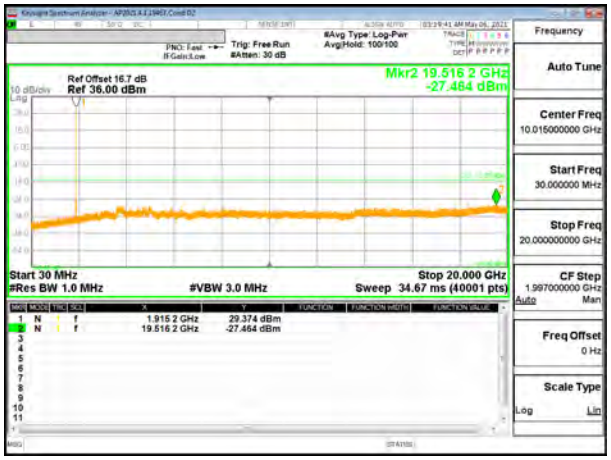

5G NR n25 5MHz BPSK High Channel RB1-24



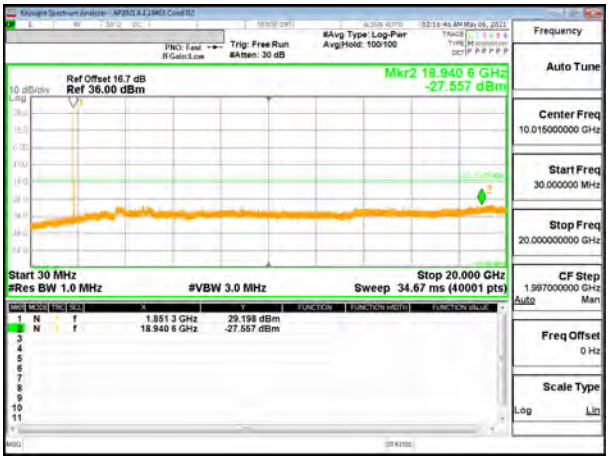

5G NR n25 10MHz BPSK Low Channel RB1-0



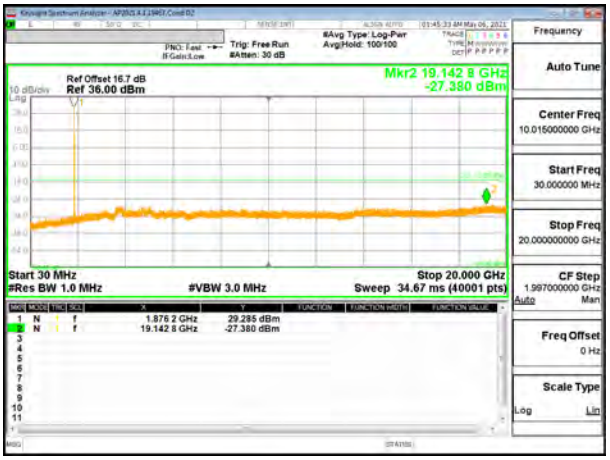

5G NR n25 10MHz BPSK Middle Channel RB1-1




5G NR n25 10MHz BPSK High Channel RB1-51




5G NR n25 15MHz BPSK Low Channel RB1-0

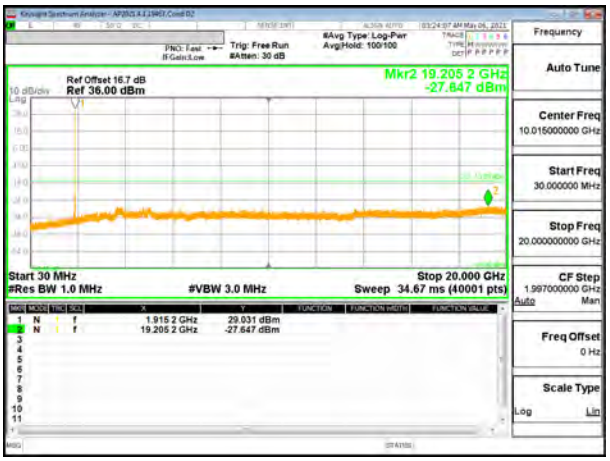



5G NR n25 15MHz BPSK Middle Channel RB1-1


5G NR n25 15MHz BPSK High Channel RB1-78


5G NR n25 20MHz BPSK Low Channel RB1-0


5G NR n25 20MHz BPSK Middle Channel RB1-1




5G NR n25 20MHz BPSK High Channel RB1-105

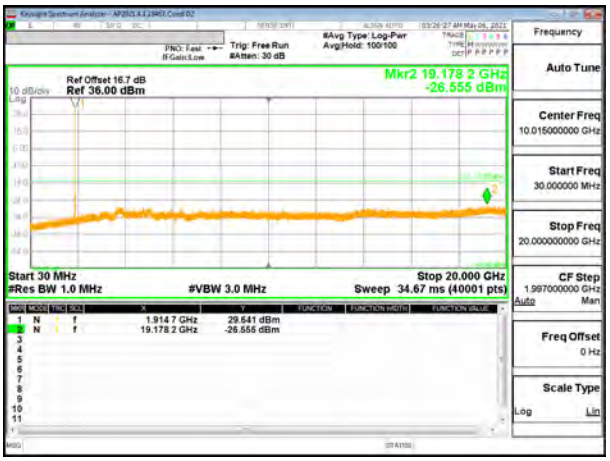

5G NR n25 25MHz BPSK Low Channel RB1-0


5G NR n25 25MHz BPSK Middle Channel RB1-1

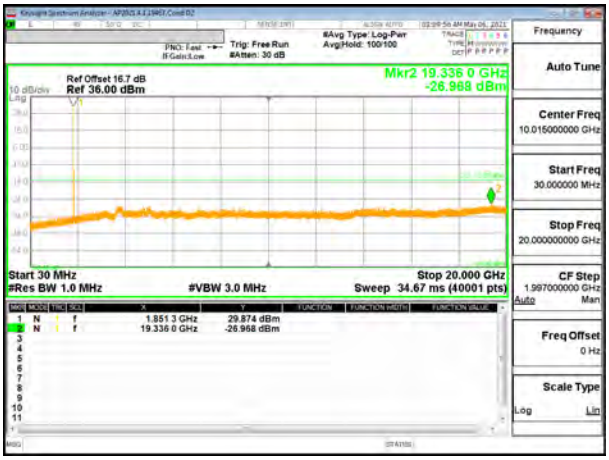

5G NR n25 25MHz BPSK High Channel RB1-132


5G NR n25 30MHz BPSK Low Channel RB1-0

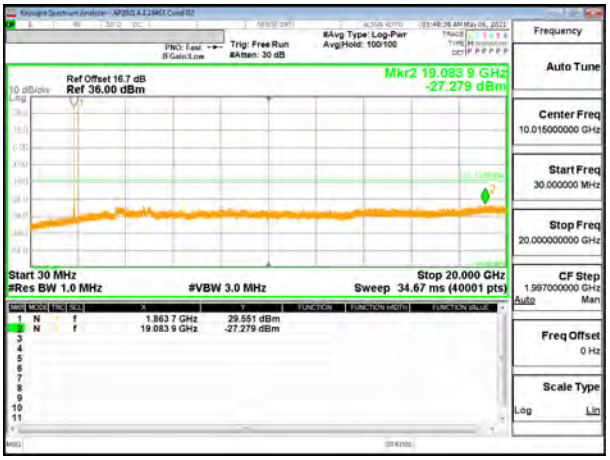

5G NR n25 30MHz BPSK Middle Channel RB1-1




5G NR n25 30MHz BPSK High Channel RB1-159




5G NR n25 40MHz BPSK Low Channel RB1-0



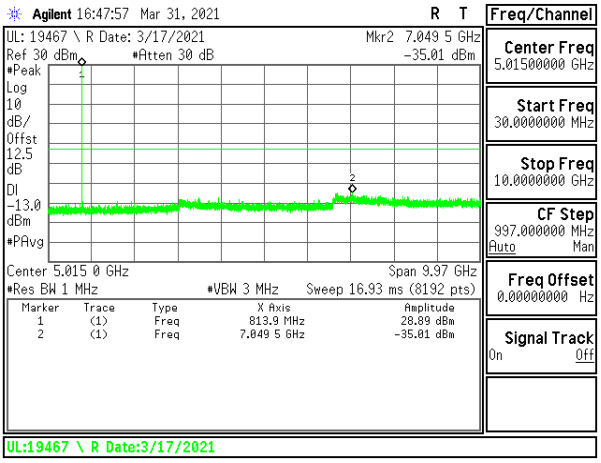

5G NR n25 40MHz BPSK Middle Channel RB1-1


5G NR n25 40MHz BPSK High Channel RB1-215

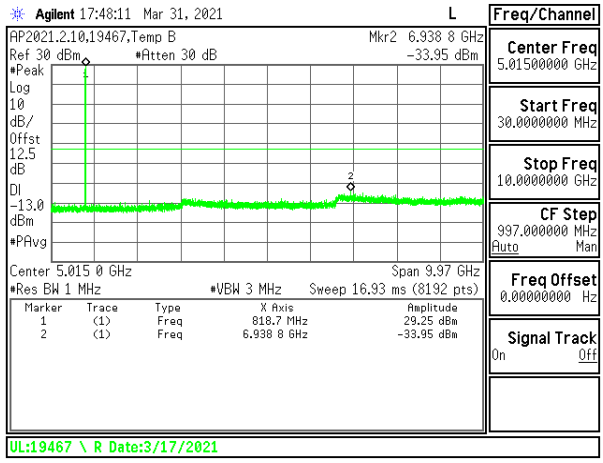
## 9.3.8. LTE BAND 26 (FCC PART 90S)

**LIMITS**

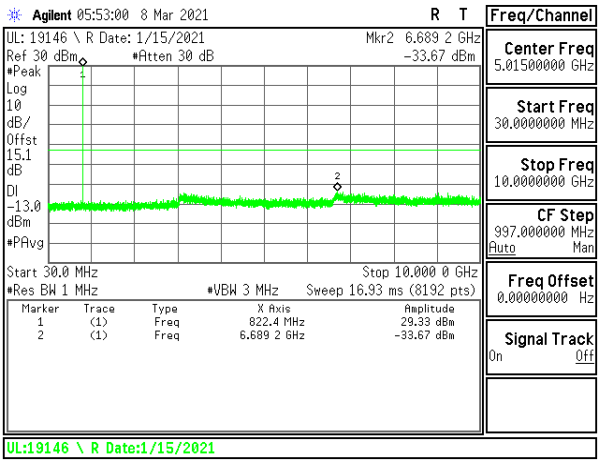
FCC: §90.691
The minimum permissible attenuation level of any spurious emissions is 43 + 10 log (P) dB where transmitting power (P) in Watts.



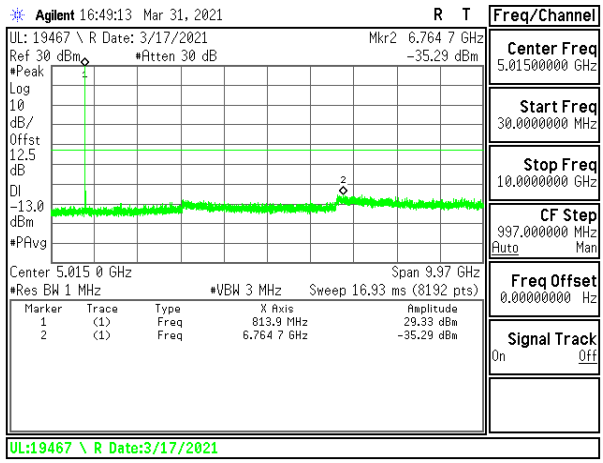

LTE B26 1.4MHz QPSK Low Channel RB1-0



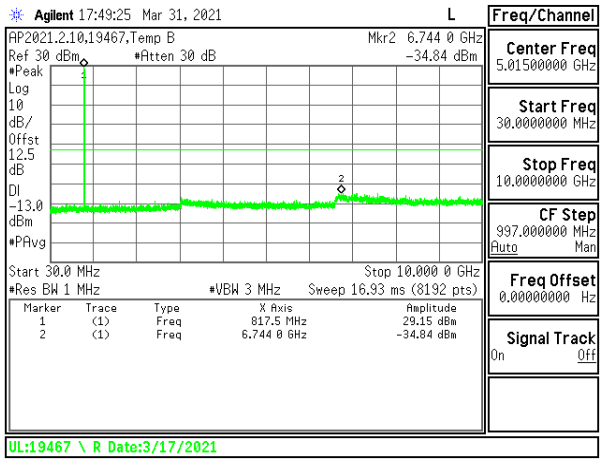

LTE B26 1.4MHz QPSK Middle Channel RB1-0



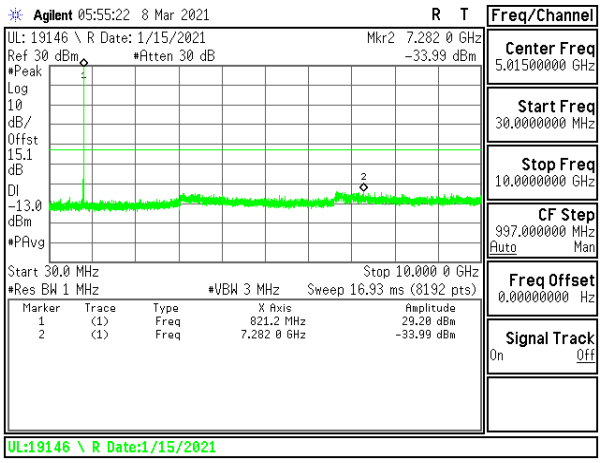

LTE B26 1.4MHz QPSK High Channel RB1-0



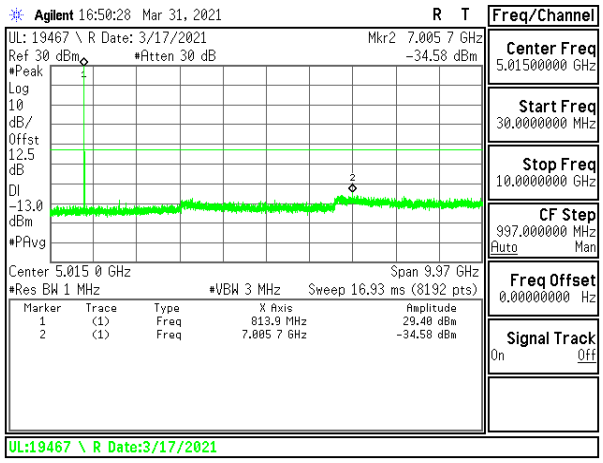

LTE B26 3MHz QPSK Low Channel RB1-0



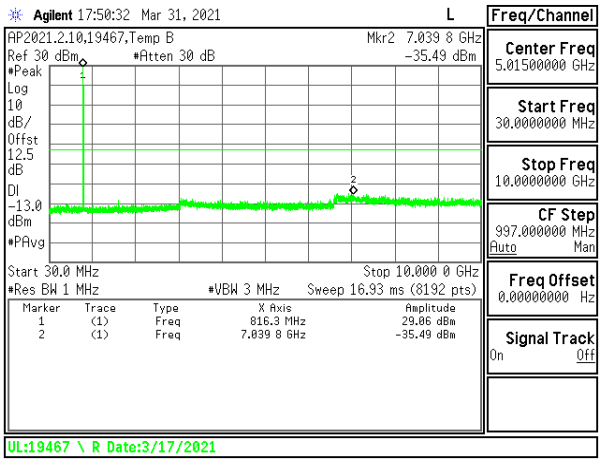

LTE B26 3MHz QPSK Middle Channel RB1-0



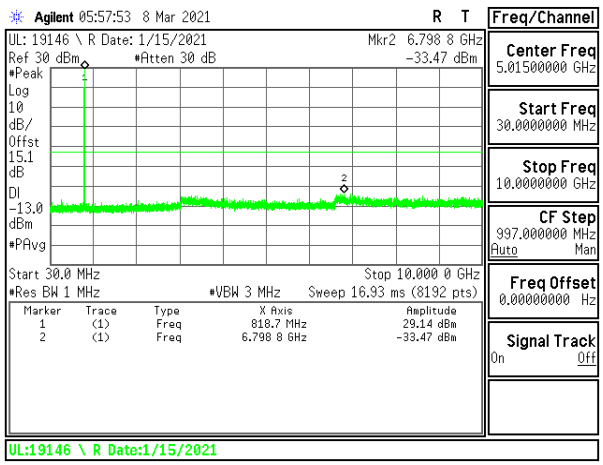

LTE B26 3MHz QPSK High Channel RB1-0



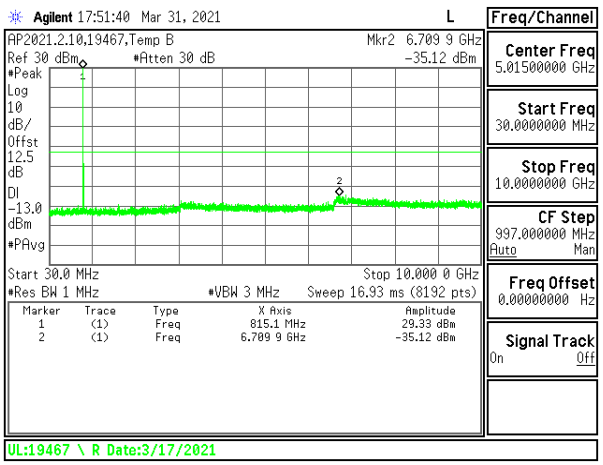

LTE B26 5MHz QPSK Low Channel RB1-0




LTE B26 5MHz QPSK Middle Channel RB1-0




LTE B26 5MHz QPSK High Channel RB1-0

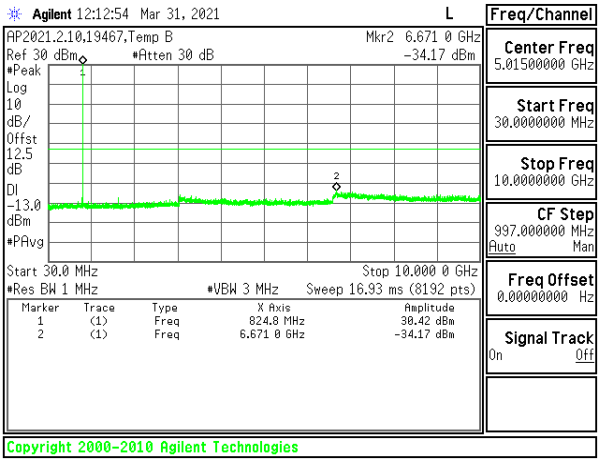



LTE B26 10MHz QPSK Middle Channel RB1-0

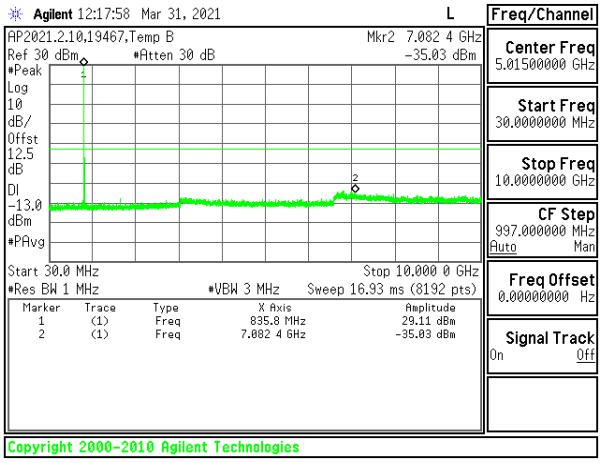
## 9.3.9. LTE BAND 26 (FCC PART 22)

**LIMITS**

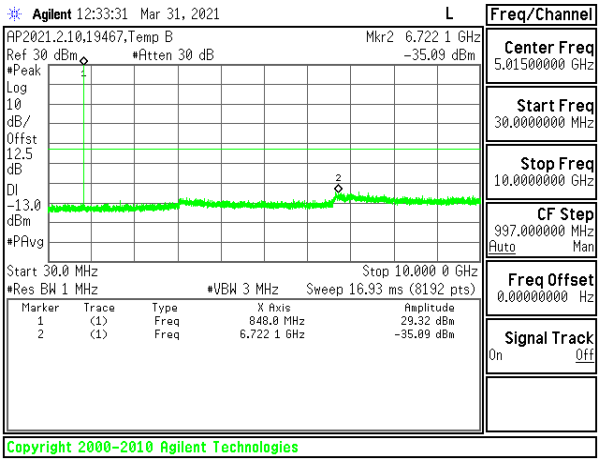
FCC: §22.917 (a)
The minimum permissible attenuation level of any spurious emissions is 43 + 10 log (P) dB where transmitting power (P) in Watts.



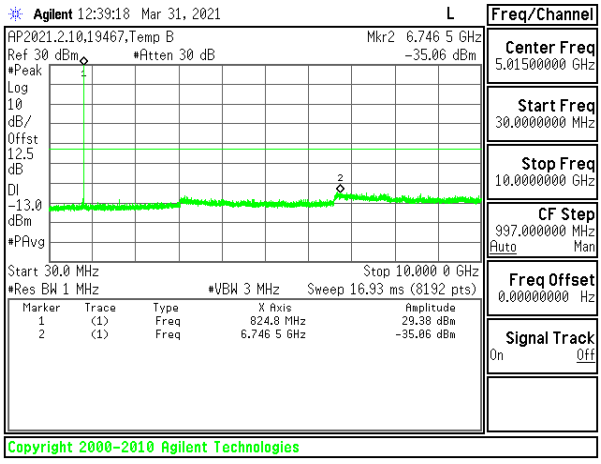

LTE B26 1.4MHz QPSK Low Channel RB1-0



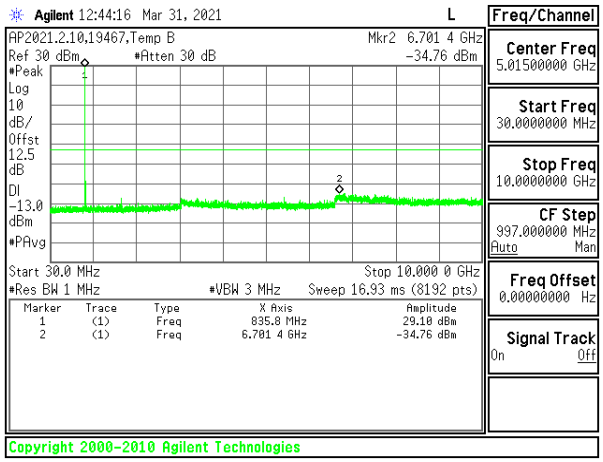

LTE B26 1.4MHz QPSK Middle Channel RB1-0



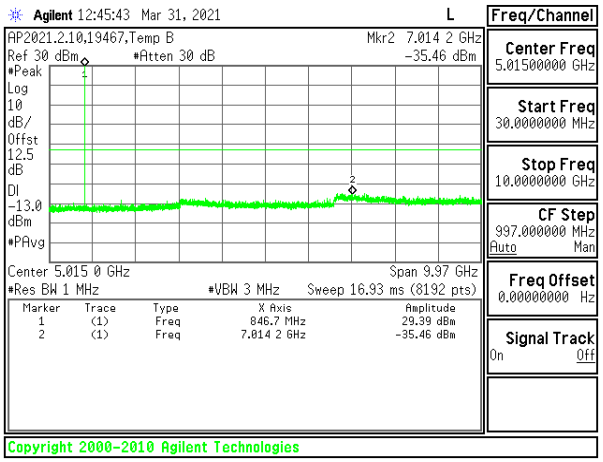

LTE B26 1.4MHz QPSK High Channel RB1-0



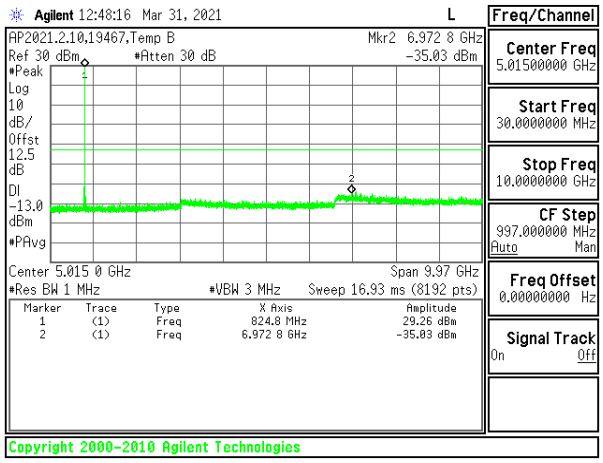

LTE B26 3MHz QPSK Low Channel RB1-0



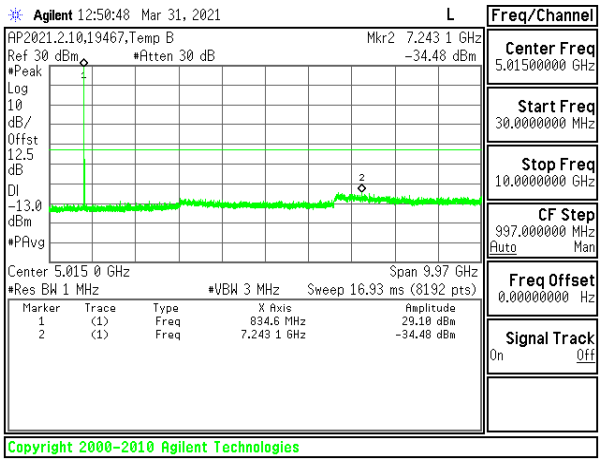

LTE B26 3MHz QPSK Middle Channel RB1-0



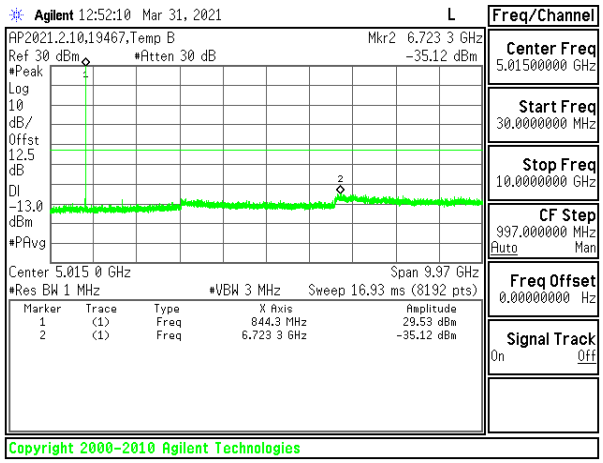

LTE B26 3MHz QPSK High Channel RB1-0



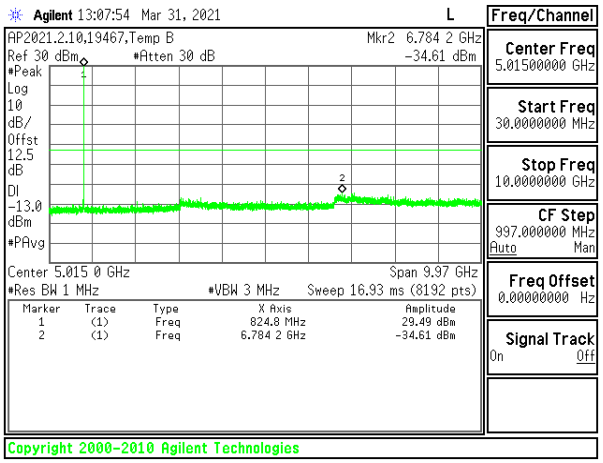

LTE B26 5MHz QPSK Low Channel RB1-0



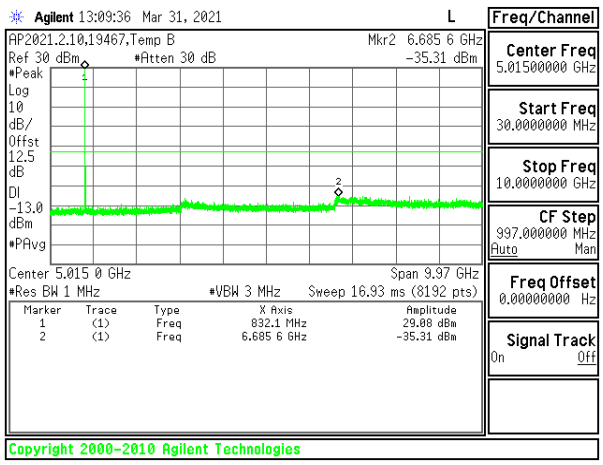

LTE B26 5MHz QPSK Middle Channel RB1-0



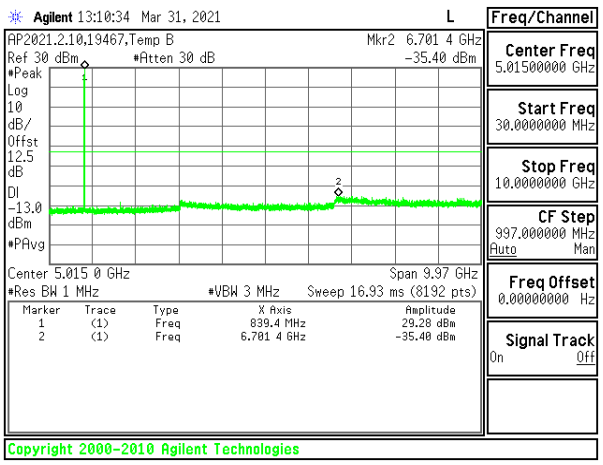

LTE B26 5MHz QPSK High Channel RB1-0




LTE B26 10MHz QPSK Low Channel RB1-0




LTE B26 10MHz QPSK Middle Channel RB1-0




LTE B26 10MHz QPSK High Channel RB1-0

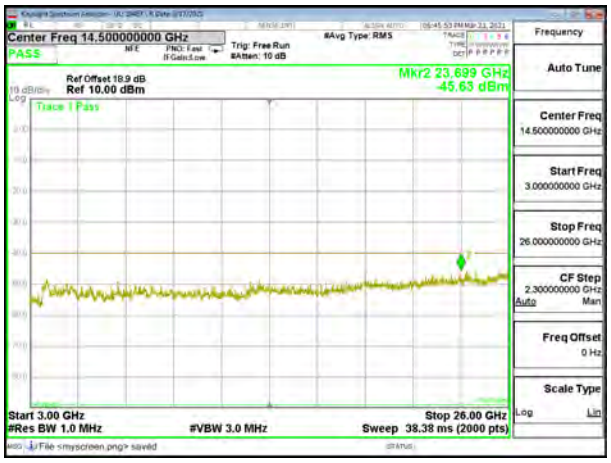
## 9.3.10. LTE BAND 30 AND 5G NR n30

**LIMITS**

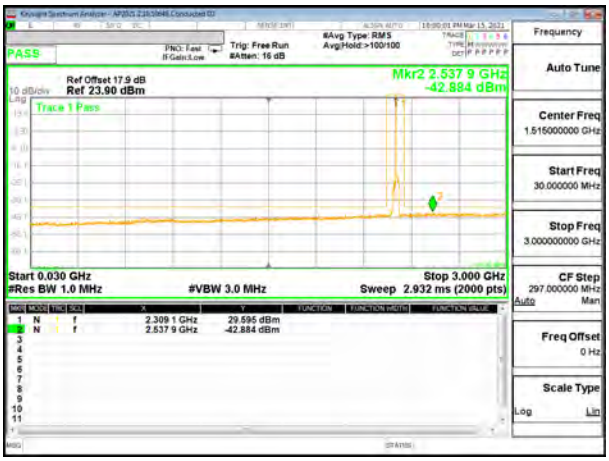
FCC: §27.53 (a)
The minimum permissible attenuation level of any spurious emissions is 70 + 10 log (P) dB where transmitting power (P) in Watts.

**LTE BAND 30**

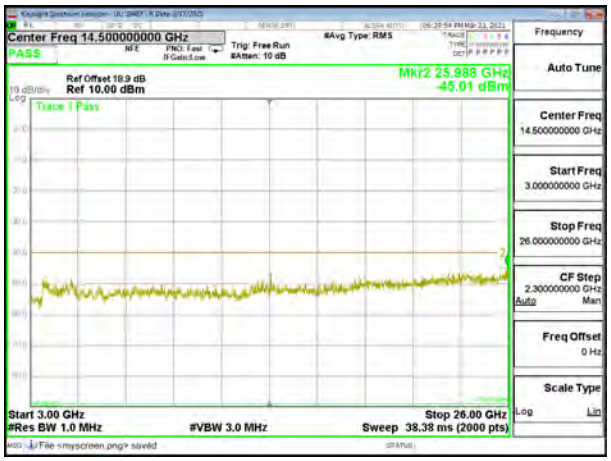

LTE B30 5MHz QPSK Low Channel RB1-0 (30MHz to 3GHz)




LTE B30 5MHz QPSK Low Channel RB1-0 (3G to 26G)

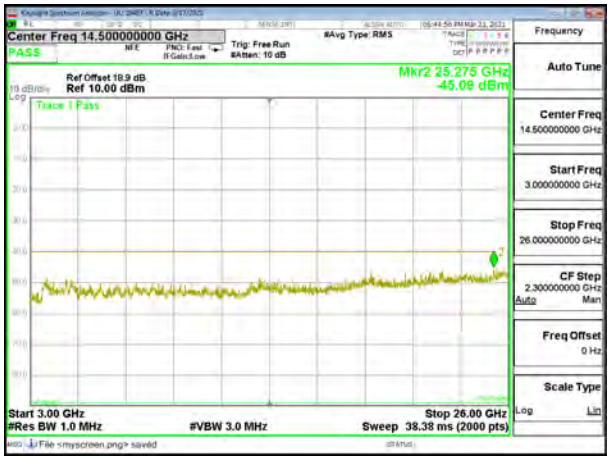



LTE B30 5MHz QPSK Mid Channel RB1-0 (30MHz to 3GHz)

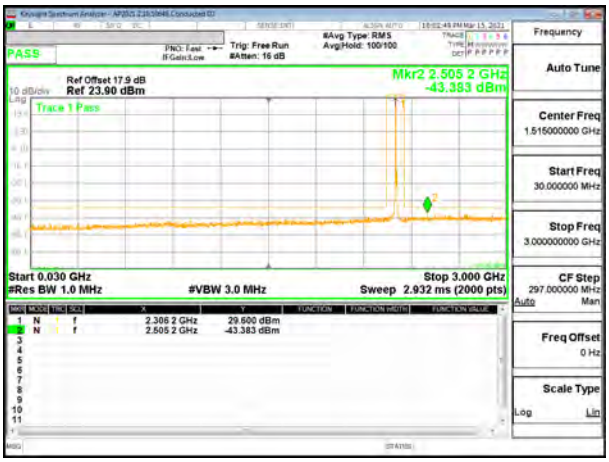



LTE B30 5MHz QPSK Mid Channel RB1-0 (3G to 26G)

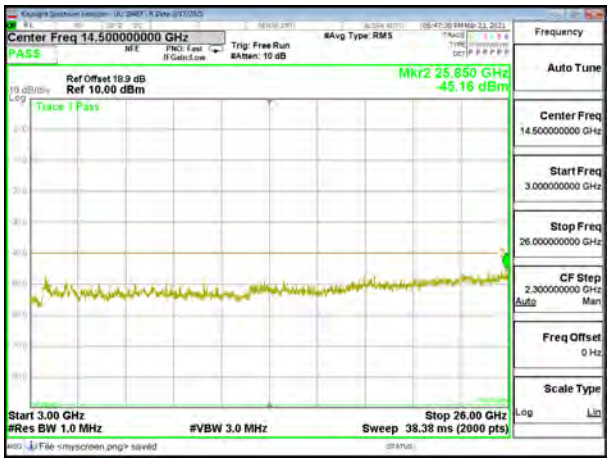

LTE B30 5MHz QPSK High Channel RB1-0 (30MHz to 3GHz)




LTE B30 5MHz QPSK High Channel RB1-0 (3G to 26G)

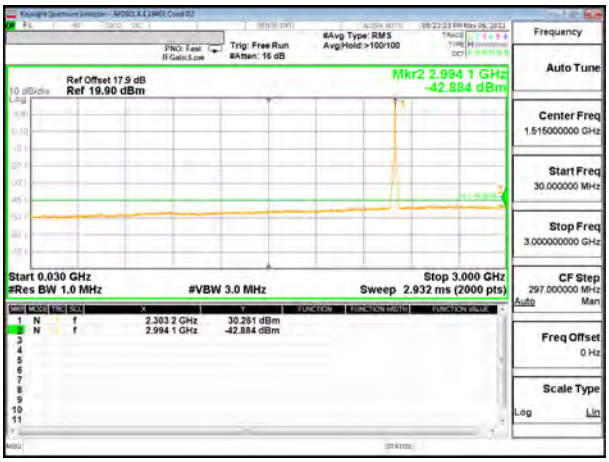



LTE B30 10MHz QPSK Mid Channel RB1-0 (30MHz to 3GHz)

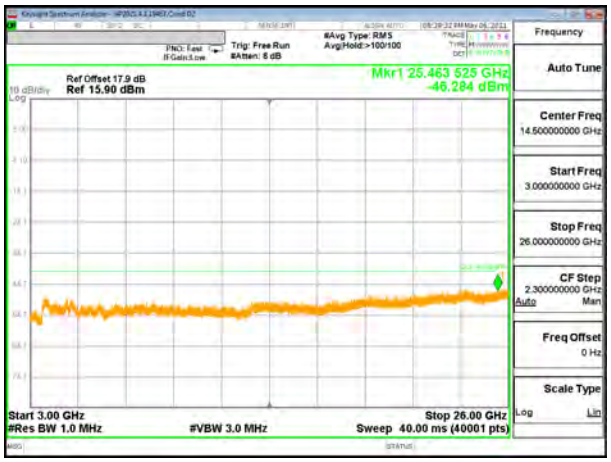



LTE B30 10MHz QPSK Mid Channel RB1-0 (3G to 26G)

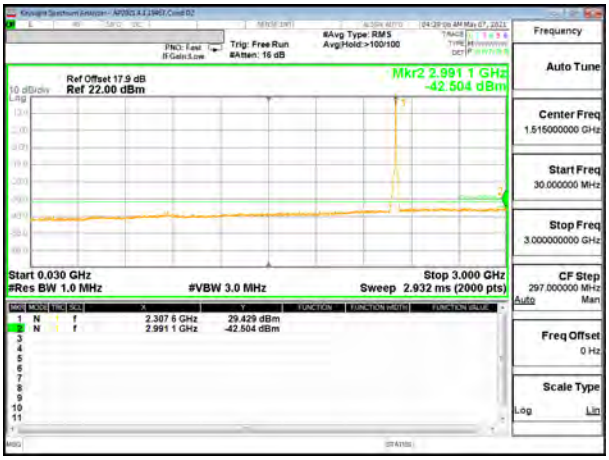
**5G NR n30**



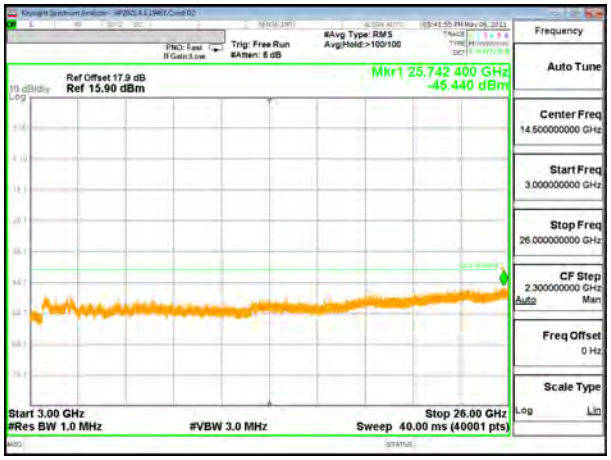

5G NR n30 5MHz BPSK Low Channel RB1-0 (30M to 3G)



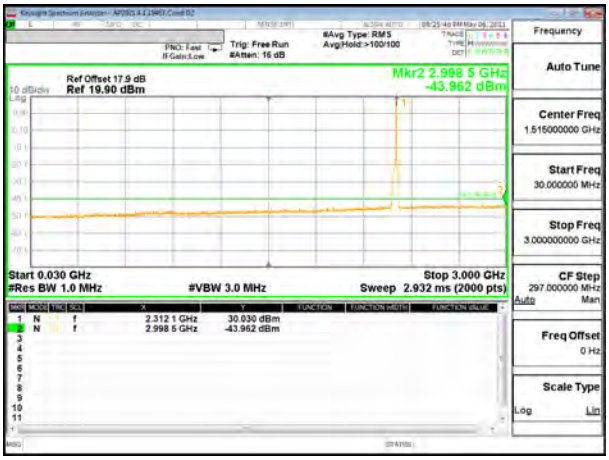

5G NR n30 5MHz BPSK Low Channel RB1-0 (3G to 26G)



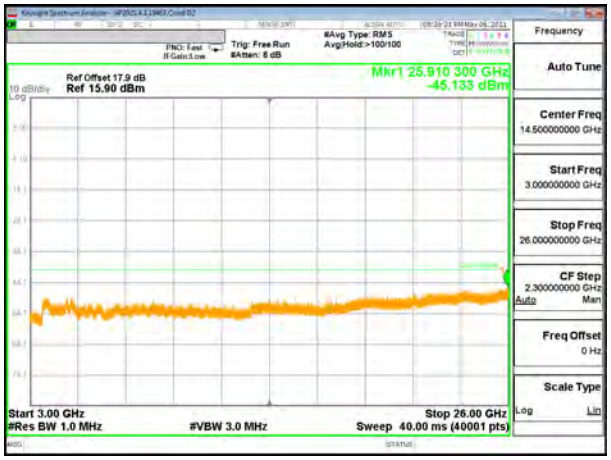

5G NR n30 5MHz BPSK Mid Channel RB1-1 (30M to 3G)



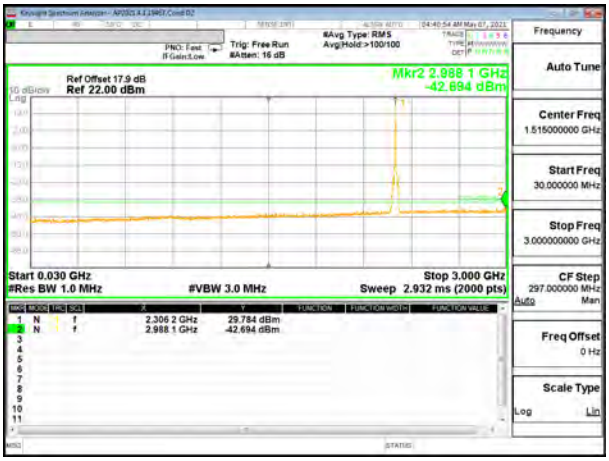

5G NR n30 5MHz BPSK Mid Channel RB1-1 (3G to 26G)



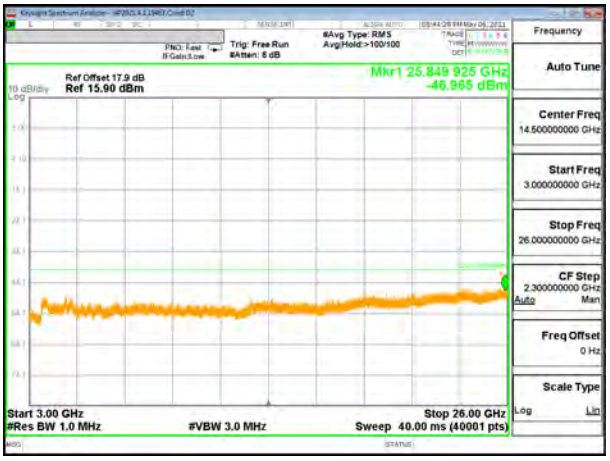

5G NR n30 5MHz BPSK High Channel RB1-24 (30M to 3G)




5G NR n30 5MHz BPSK High Channel RB1-24 (3G to 26G)




5G NR n30 10MHz BPSK Mid Channel RB1-1 (30M to 3G)



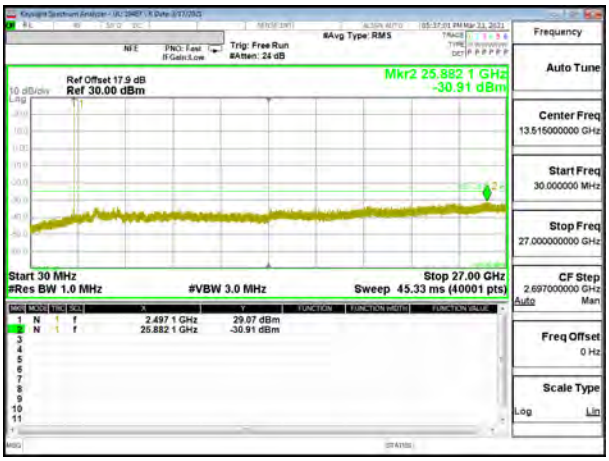

5G NR n30 10MHz BPSK Mid Channel RB1-1 (3G to 26G)

## 9.3.11. LTE BAND 41 AND 5G NR n41

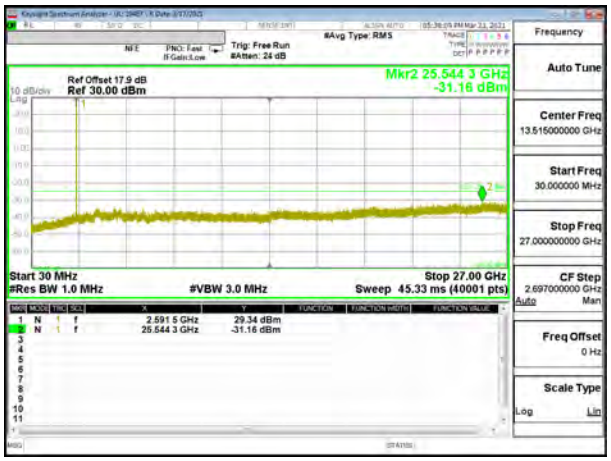
**LIMITS**

FCC: §27.53 (m)
The minimum permissible attenuation level of any spurious emissions is 55 + 10 log (P) dB where transmitting power (P) in Watts.

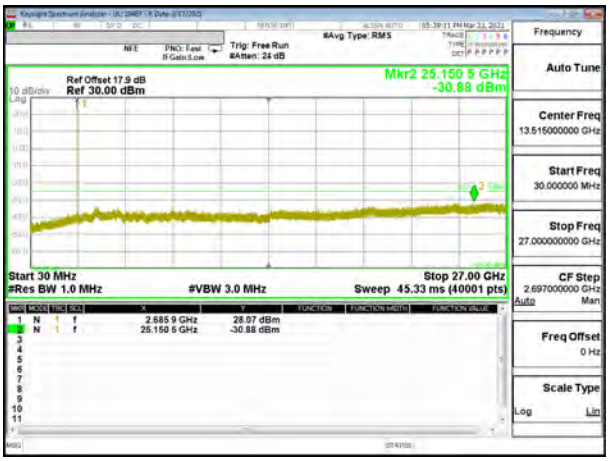
**LTE BAND 41**



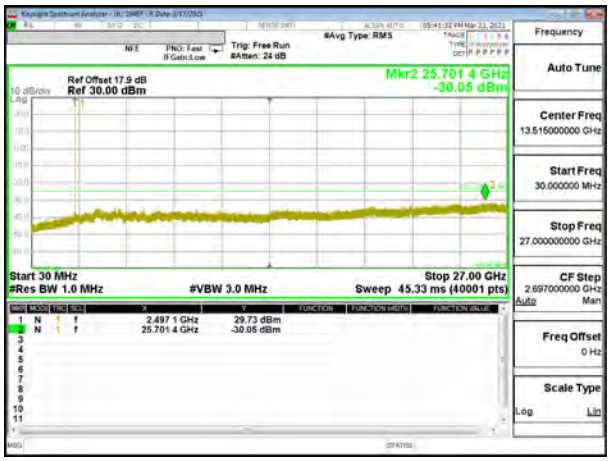

LTE B41 5MHz QPSK Low Channel RB1-0



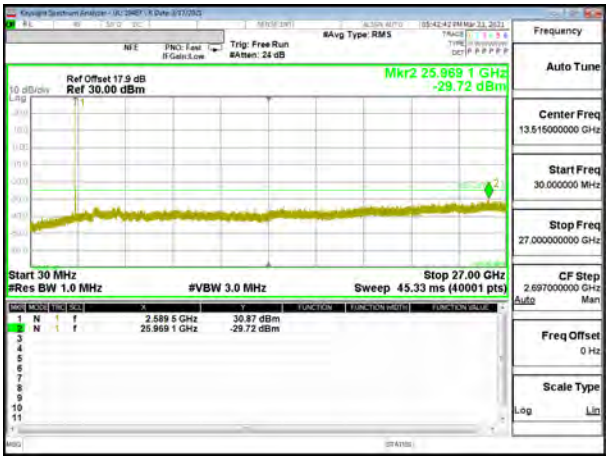

LTE B41 5MHz QPSK Middle Channel RB1-0



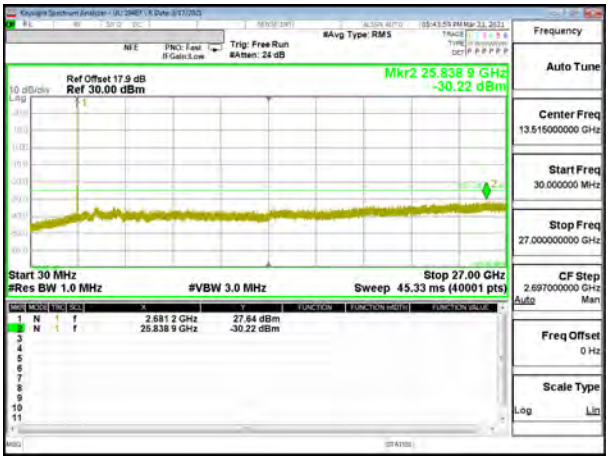

LTE B41 5MHz QPSK High Channel RB1-0



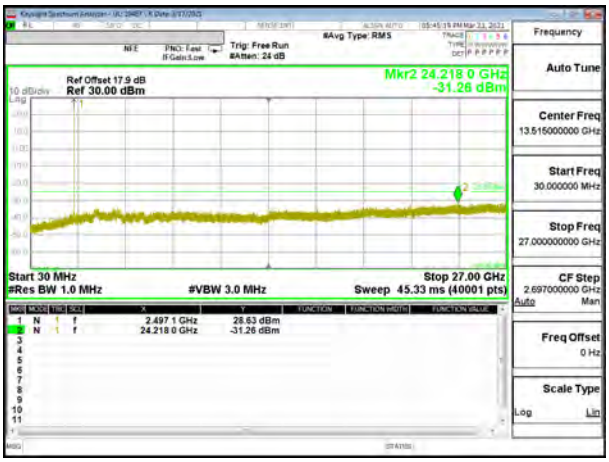

LTE B41 10MHz QPSK Low Channel RB1-0



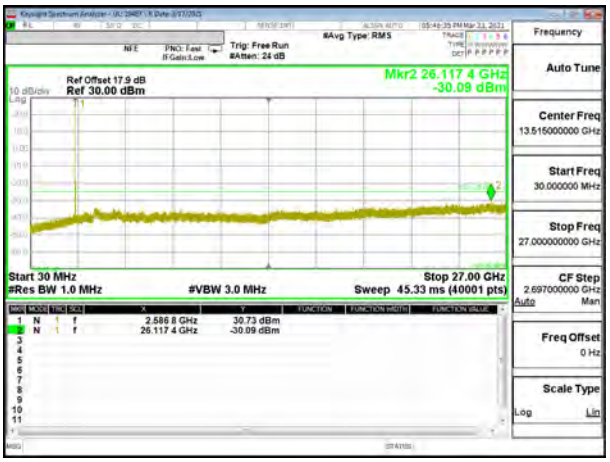

LTE B41 10MHz QPSK Middle Channel RB1-0



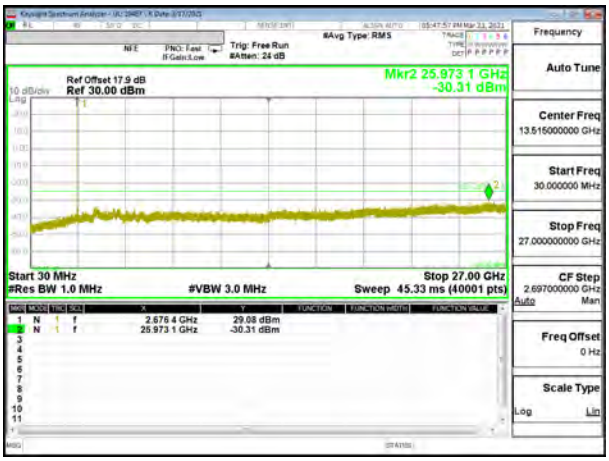

LTE B41 10MHz QPSK High Channel RB1-0



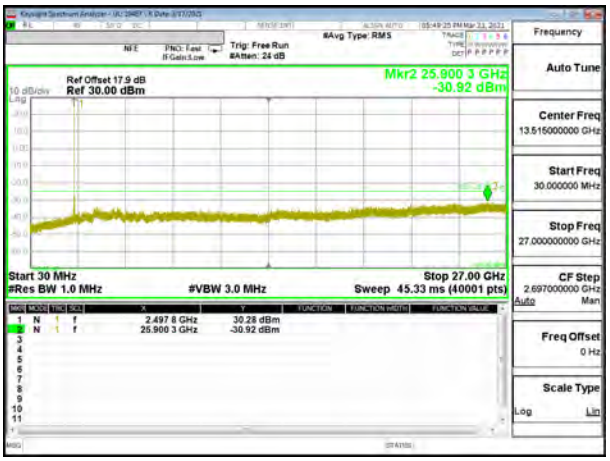

LTE B41 15MHz QPSK Low Channel RB1-0



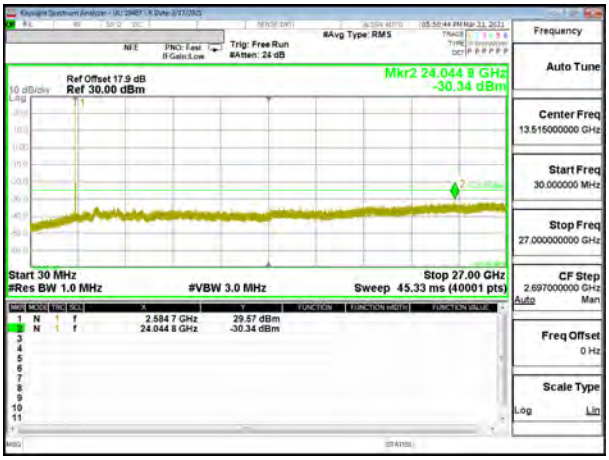

LTE B41 15MHz QPSK Middle Channel RB1-0



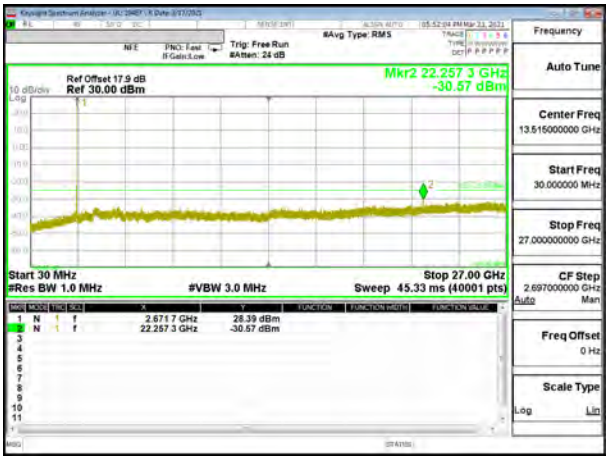

LTE B41 15MHz QPSK High Channel RB1-0




LTE B41 20MHz QPSK Low Channel RB1-0

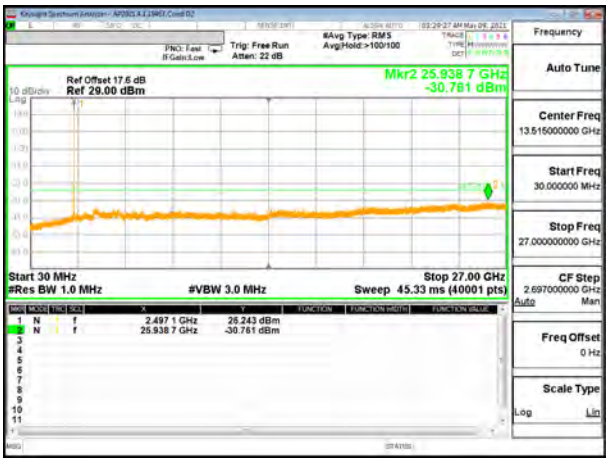



LTE B41 20MHz QPSK Middle Channel RB1-0



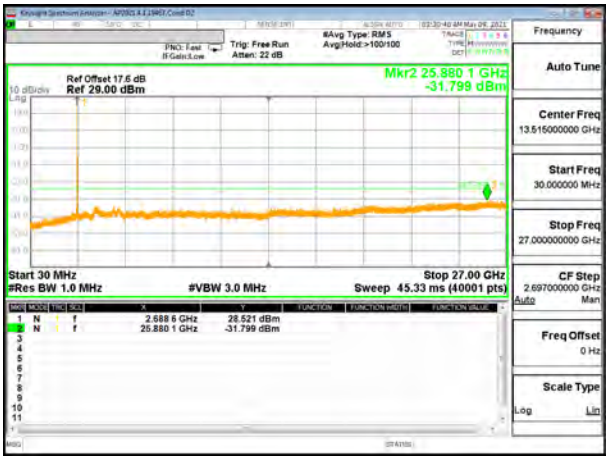

LTE B41 20MHz QPSK High Channel RB1-0

**5G NR n41**

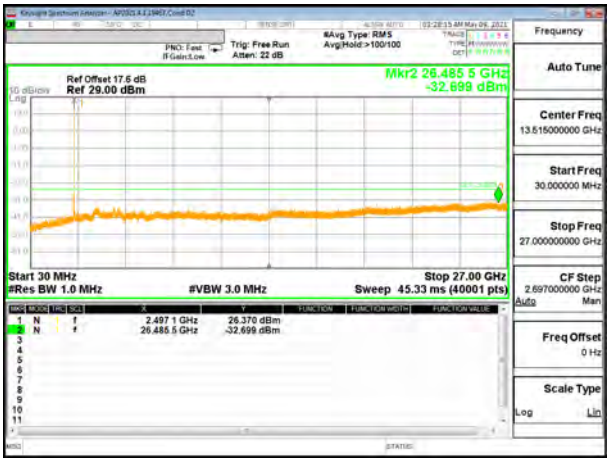



5G NR n41 20MHz BPSK Low Channel RB1-0

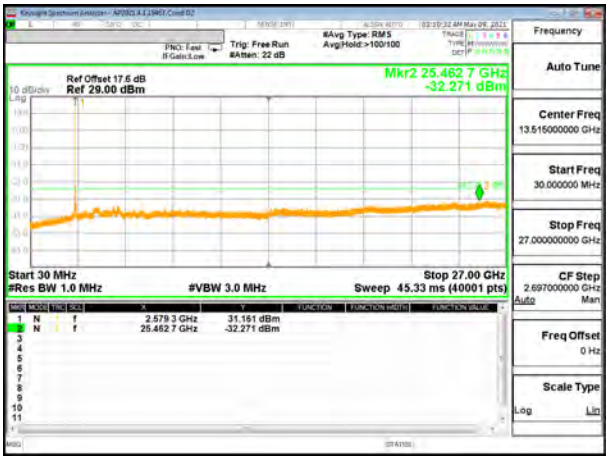

5G NR n41 20MHz BPSK Middle Channel RB1-1



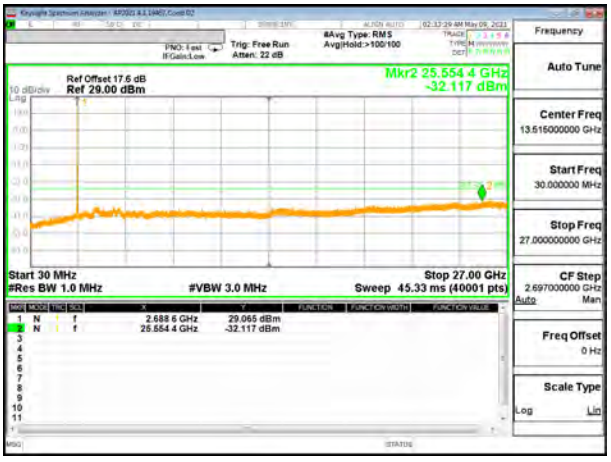

5G NR n41 20MHz BPSK High Channel RB1-50



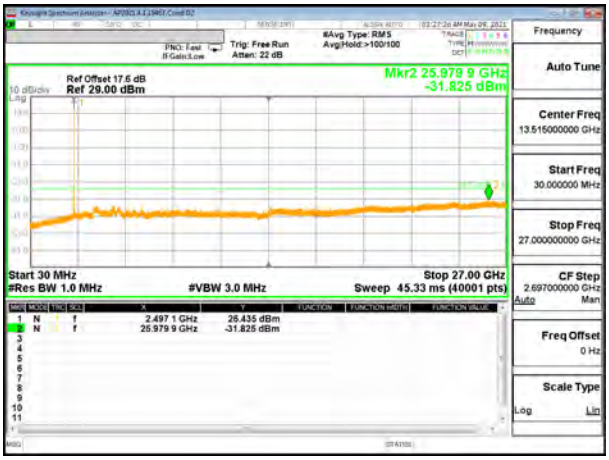

5G NR n41 30MHz BPSK Low Channel RB1-0



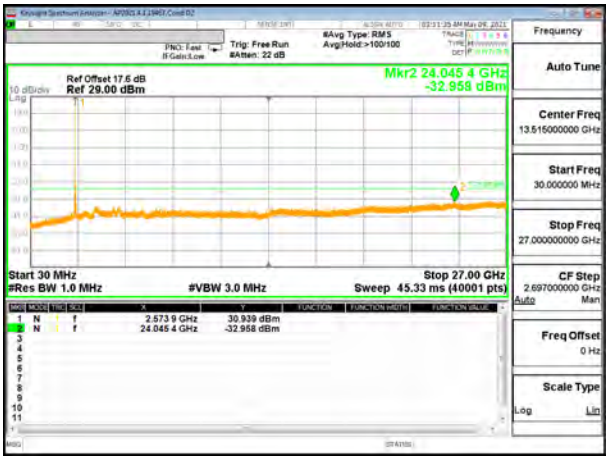

5G NR n41 30MHz BPSK Middle Channel RB1-1



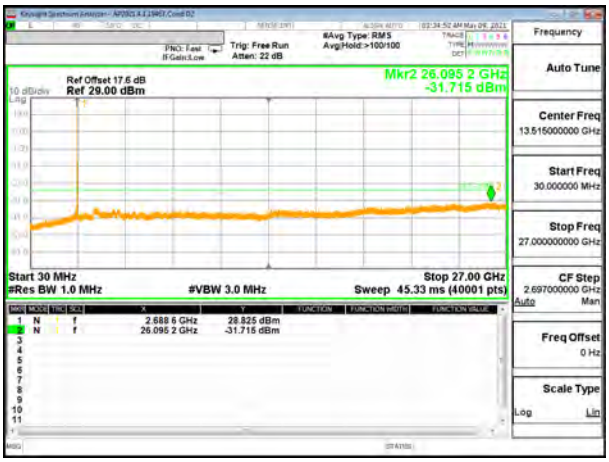

5G NR n41 30MHz BPSK High Channel RB1-77




5G NR n41 40MHz BPSK Low Channel RB1-0



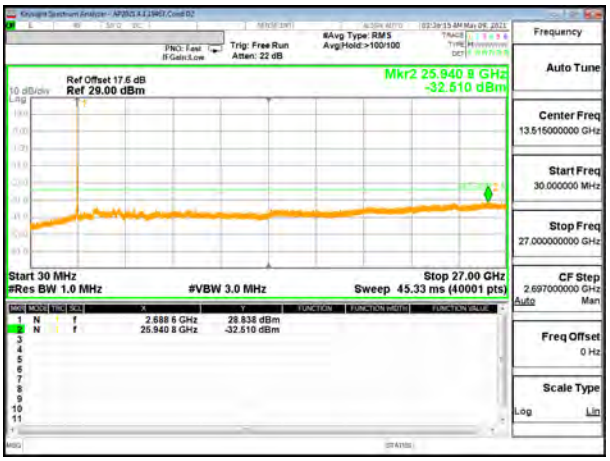

5G NR n41 40MHz BPSK Middle Channel RB1-1



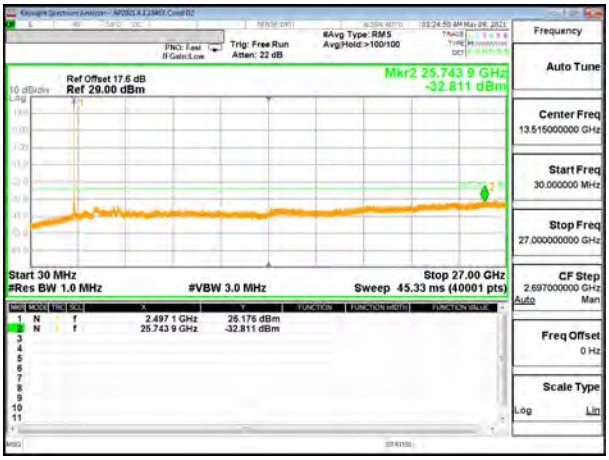

5G NR n41 40MHz BPSK High Channel RB1-105


5G NR n41 50MHz BPSK Low Channel RB1-0

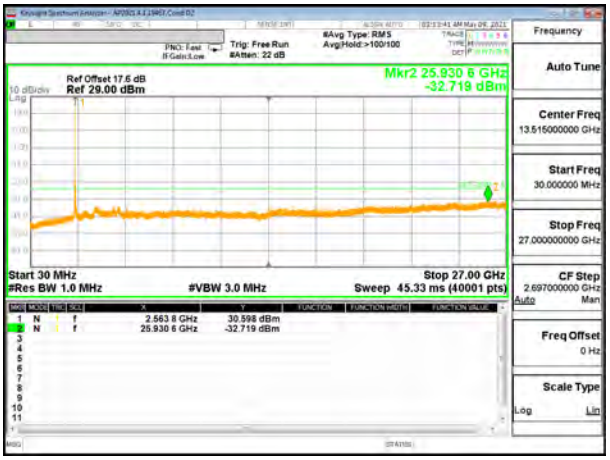

5G NR n41 50MHz BPSK Middle Channel RB1-1



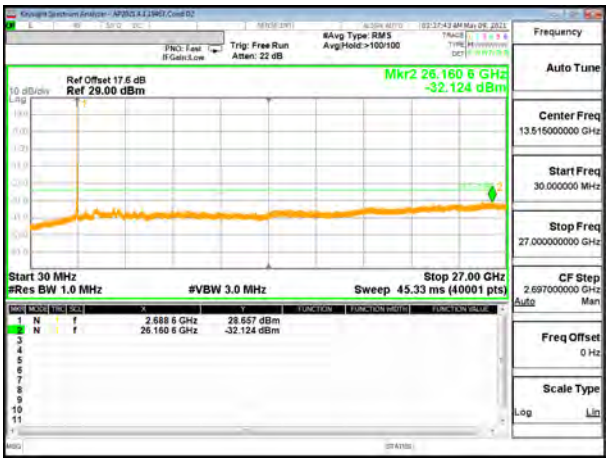

5G NR n41 50MHz BPSK High Channel RB1-132




5G NR n41 60MHz BPSK Low Channel RB1-0

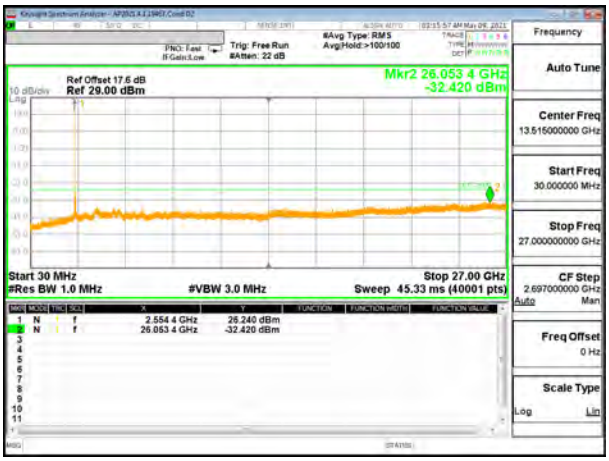



5G NR n41 60MHz BPSK Middle Channel RB1-1

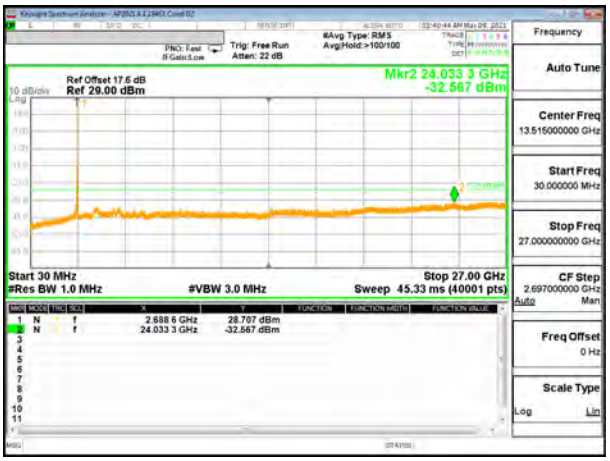



5G NR n41 60MHz BPSK High Channel RB1-161

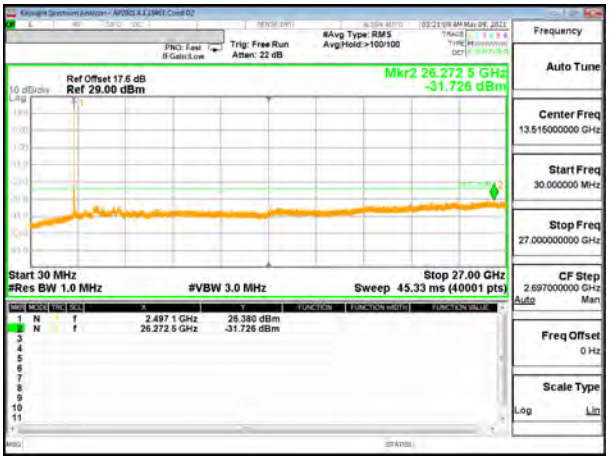

5G NR n41 80MHz BPSK Low Channel RB1-0



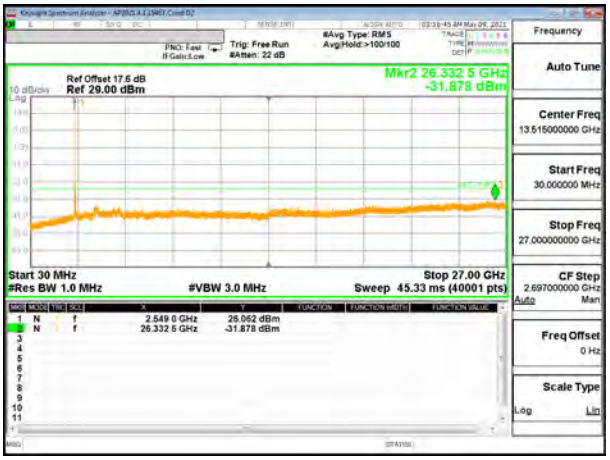

5G NR n41 80MHz BPSK Middle Channel RB1-1



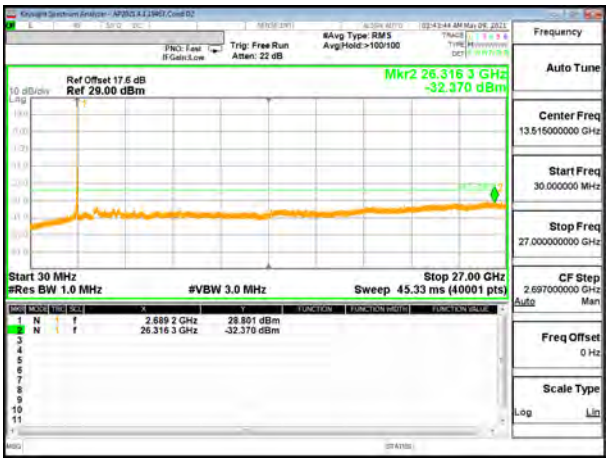

5G NR n41 80MHz BPSK High Channel RB1-216




5G NR n41 90MHz BPSK Low Channel RB1-0

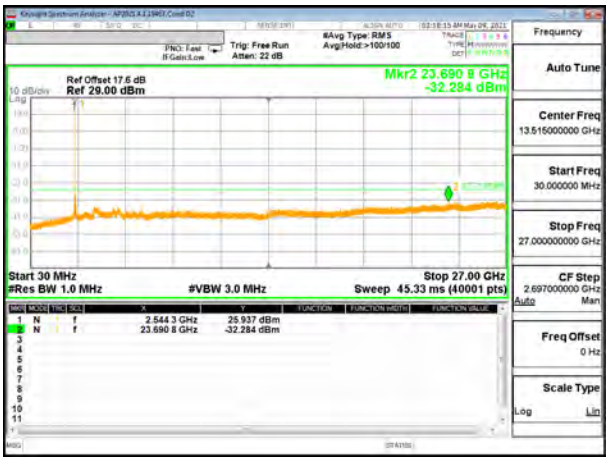



5G NR n41 90MHz BPSK Middle Channel RB1-1

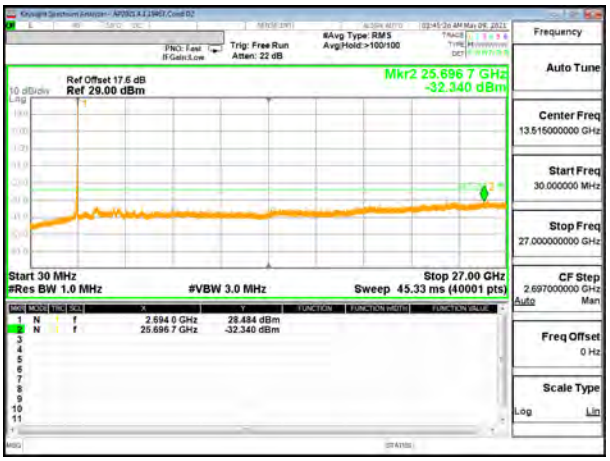



5G NR n41 90MHz BPSK High Channel RB1-244


5G NR n41 100MHz BPSK Low Channel RB1-0




5G NR n41 100MHz BPSK Middle Channel RB1-1




5G NR n41 100MHz BPSK High Channel RB1-272

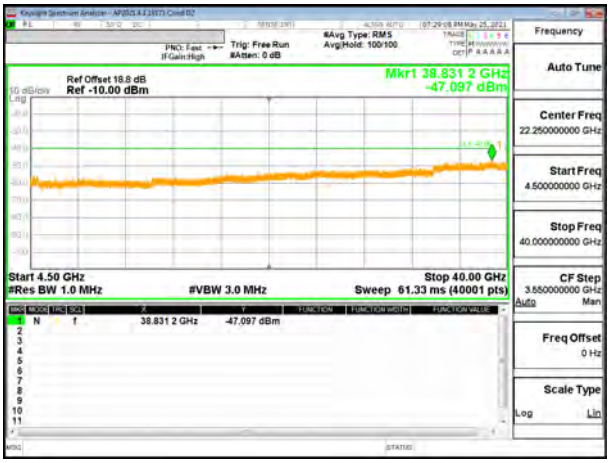
## 9.3.12. LTE BAND 48

**LIMITS**

FCC: §96.41
(e) 3.5 GHz Emissions and Interference Limits—
(2) Additional protection levels. Notwithstanding paragraph (e)(1) of this section, for CBSDs and End User Devices, the conducted power of emissions below 3540 MHz or above 3710 MHz shall not exceed −25 dBm/MHz, and the conducted power of emissions below 3530 MHz or above 3720 MHz shall not exceed −40dBm/MHz.

**LTE BAND 48**


LTE B48 5MHz QPSK Low Channel RB1-0 (30M to 4.5G)




LTE B48 5MHz QPSK Low Channel RB1-0 (4.5G to 40G)


LTE B48 5MHz QPSK Mid Channel RB1-0 (30M to 4.5G)


LTE B48 5MHz QPSK Middle Channel RB1-0 (4.5G to 40G)