

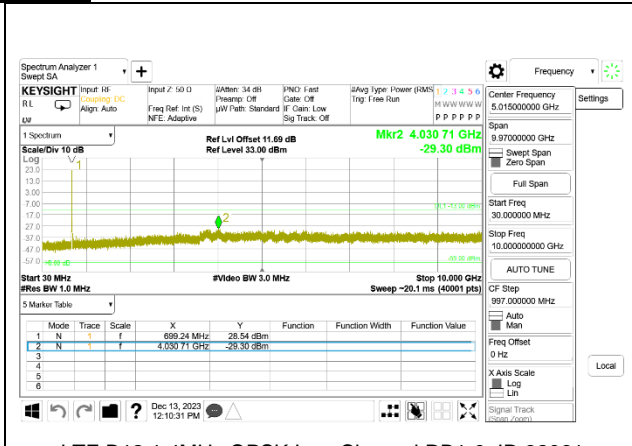
### 9.3.3. LTE BAND 12 AND 5G NR n12

#### LIMITS

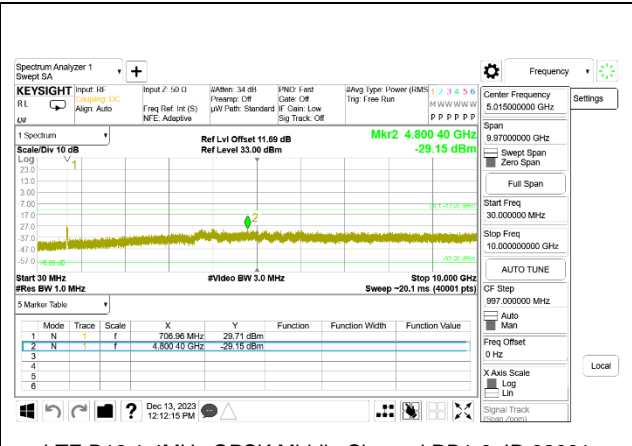
FCC: §27.53 (g)

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

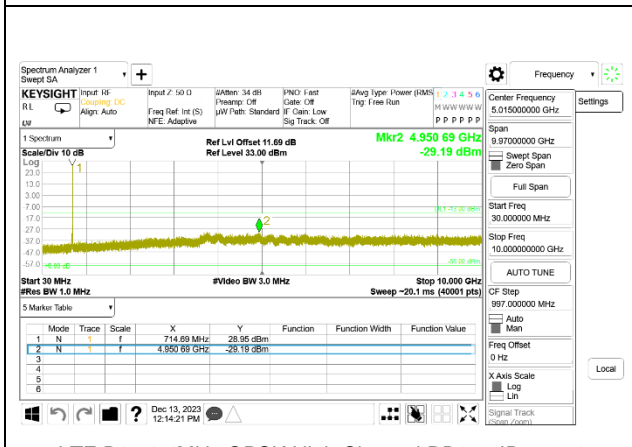
LTE BAND 12



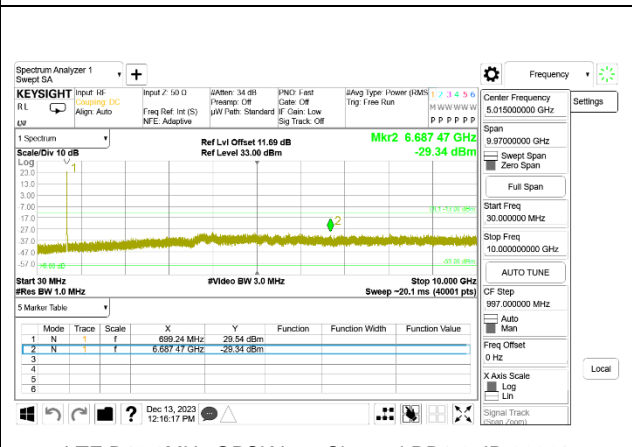
LTE B12 1.4MHz QPSK Low Channel RB1-0, ID:32061



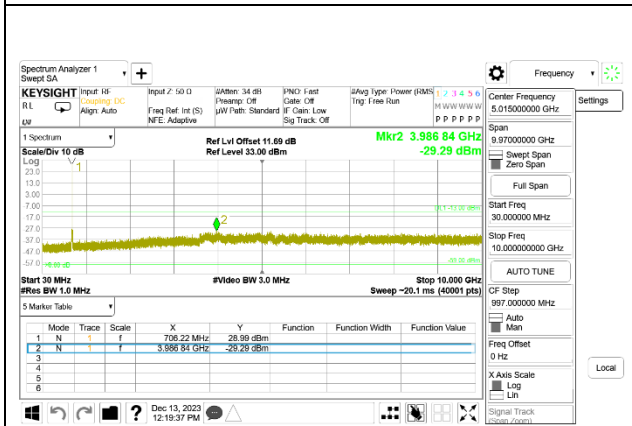
LTE B12 1.4MHz QPSK Middle Channel RB1-0, ID:32061



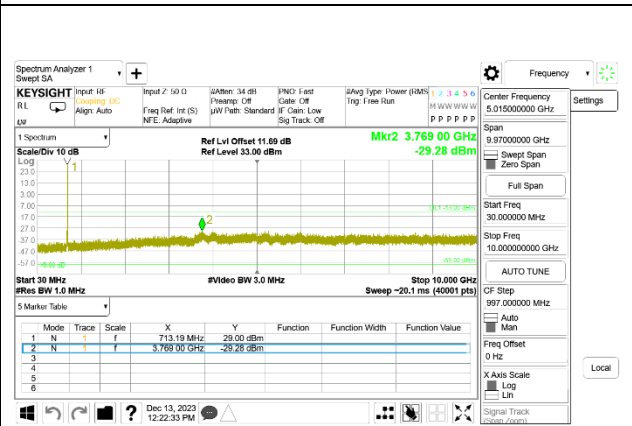
LTE B12 1.4MHz QPSK High Channel RB1-0, ID:32061



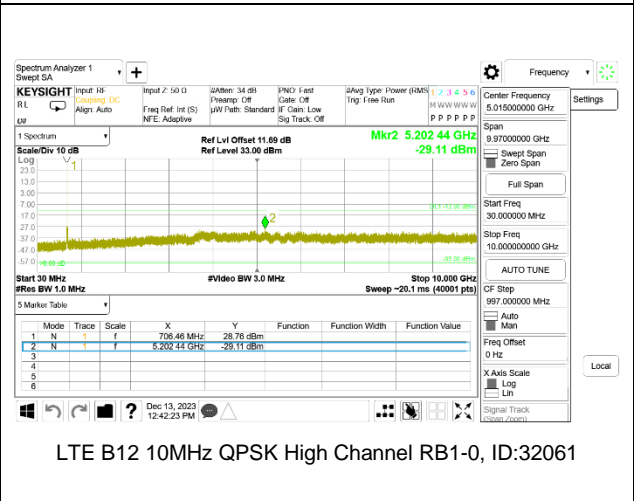
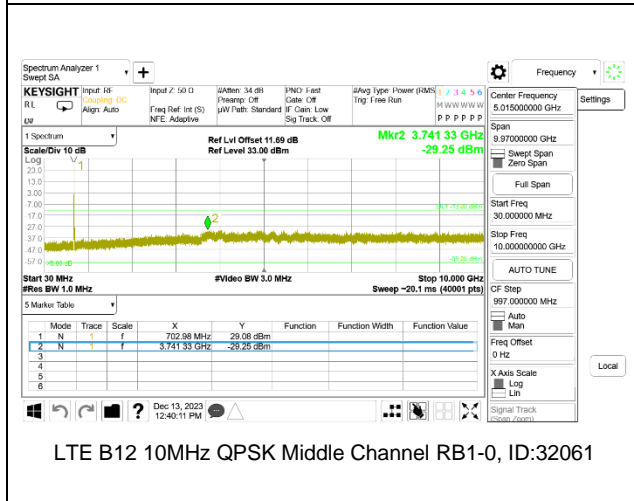
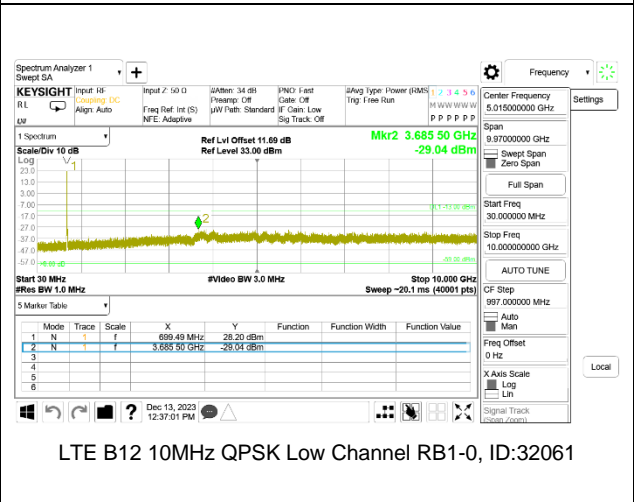
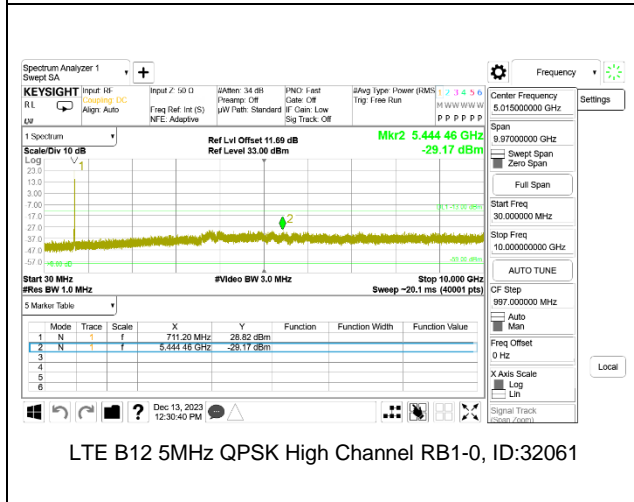
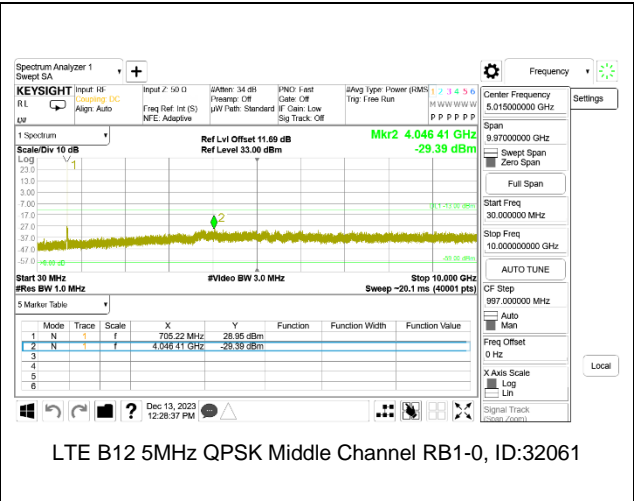
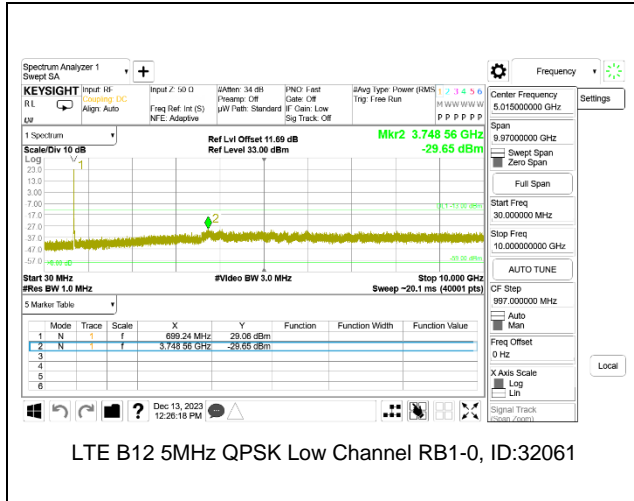
LTE B12 3MHz QPSK Low Channel RB1-0, ID:32061



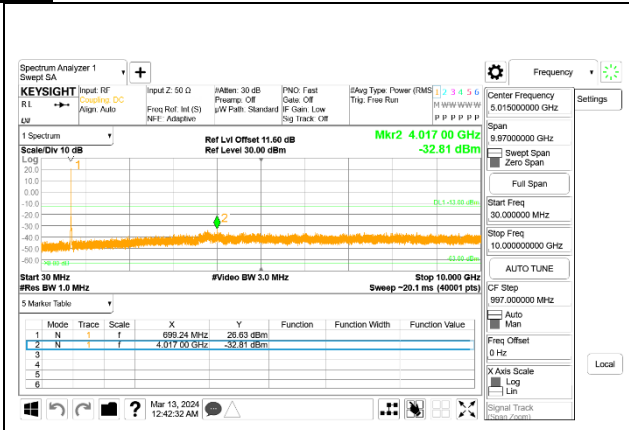
LTE B12 3MHz QPSK Middle Channel RB1-0, ID:32061



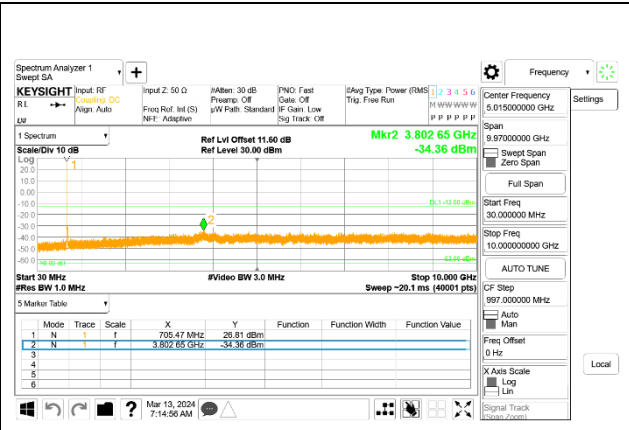
LTE B12 3MHz QPSK High Channel RB1-0, ID:32061



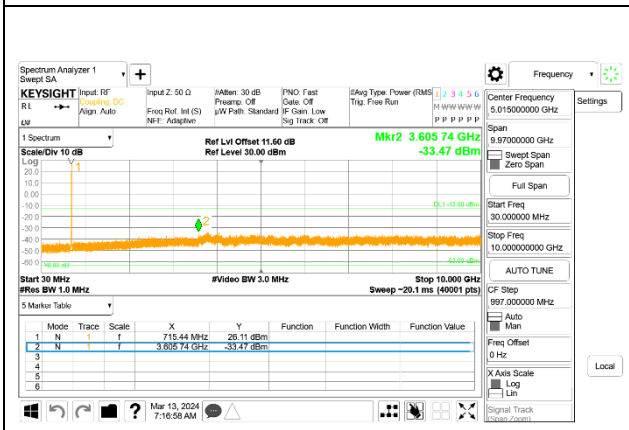
5G NR n12



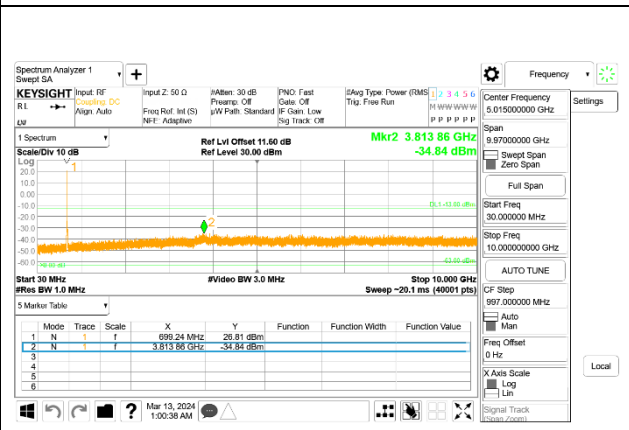
5G NR n12 5MHz BPSK Low Channel RB1-0, ID:28498



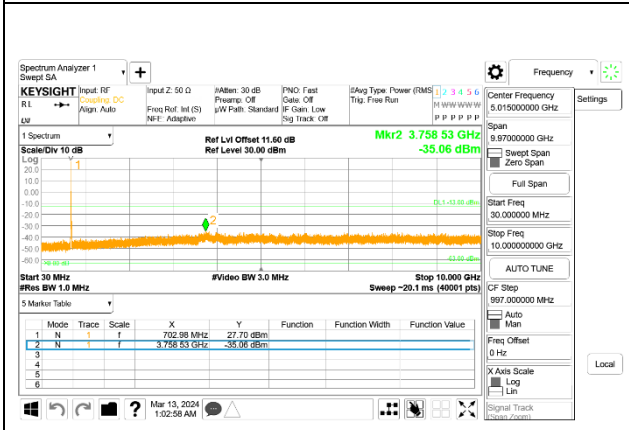
5G NR n12 5MHz BPSK Middle Channel RB1-1, ID:28498



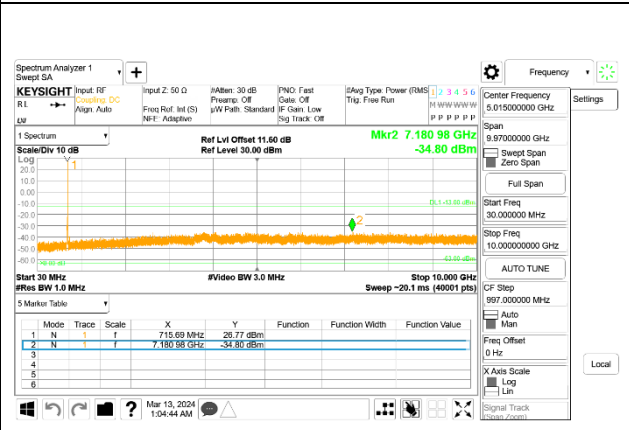
5G NR n12 5MHz BPSK High Channel RB1-24, ID:28498



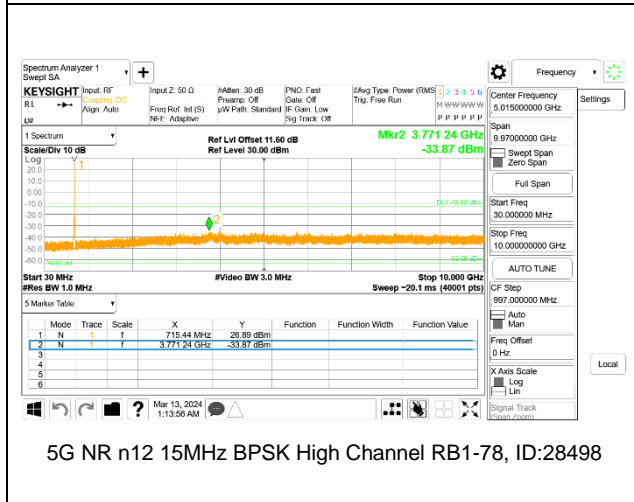
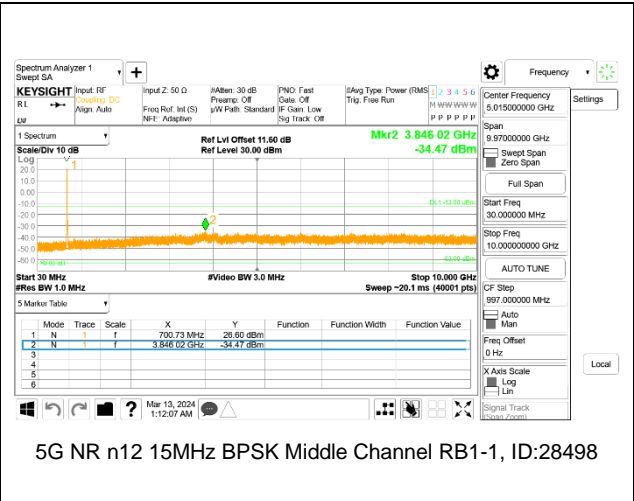
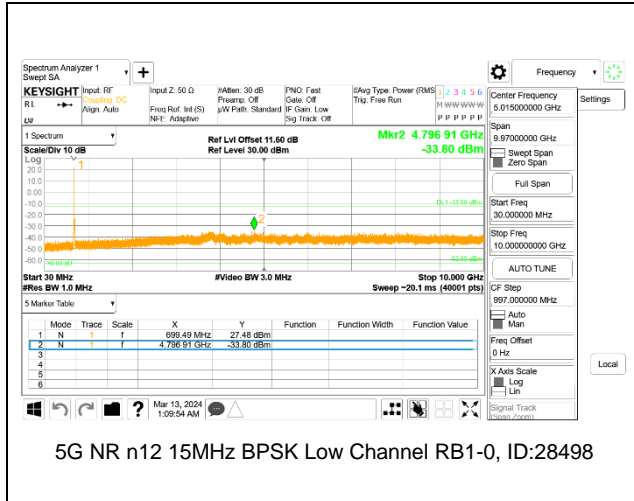
5G NR n12 10MHz BPSK Low Channel RB1-0, ID:28498



5G NR n12 10MHz BPSK Middle Channel RB1-1, ID:28498



5G NR n12 10MHz BPSK High Channel RB1-51, ID:28498



Intentionally Blank

### 9.3.4. LTE BAND 13

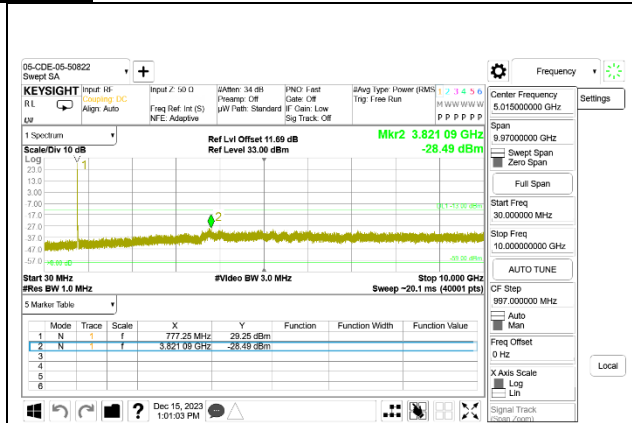
#### LIMITS

FCC: §27.53 (c), (f)

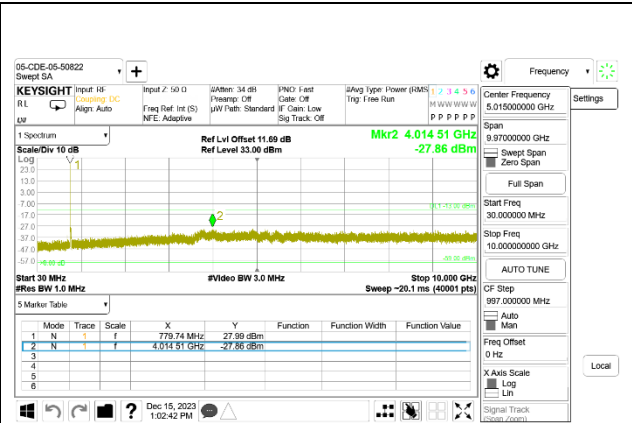
The minimum permissible attenuation level of any spurious emissions is  $43 + 10 \log (P)$  dB where transmitting power (P) in Watts. The band 1559-1610 MHz shall be limited to  $-70$  dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and  $-80$  dBW EIRP for discrete emissions of less than 700 Hz bandwidth.

Note: Radiated data in section 10.1.4 confirms a compliance for the emissions in GPS 1559-1610 MHz band were wideband emissions therefore the  $-40$ dBm/MHz limit was used.

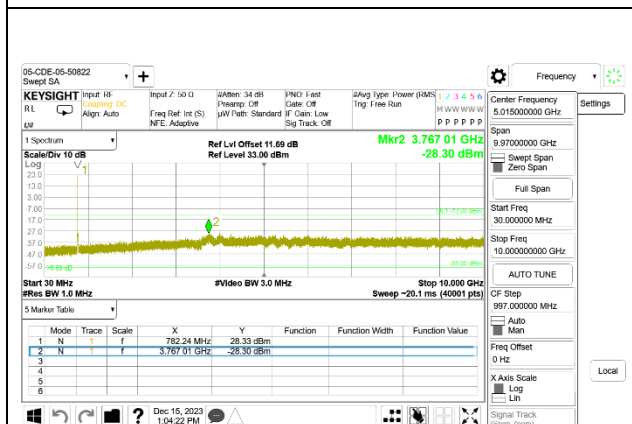
LTE BAND 13



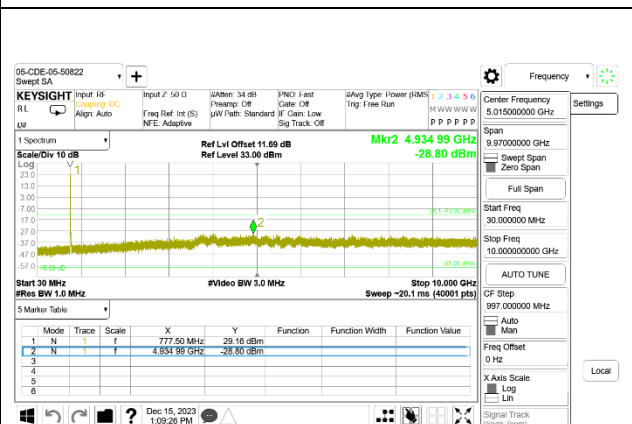
LTE B13 5MHz QPSK Low Channel RB1-0, ID:50822



LTE B13 5MHz QPSK Middle Channel RB1-0, ID:50822



LTE B13 5MHz QPSK High Channel RB1-0, ID:50822



LTE B13 10MHz QPSK Middle Channel RB1-0, ID:50822

Note: Radiated data in section 10.1.4 confirms a frequency compliance with narrowband limits for GPS1559-1610 MHz band.



### 9.3.5. LTE BAND 14 AND 5G NR n14

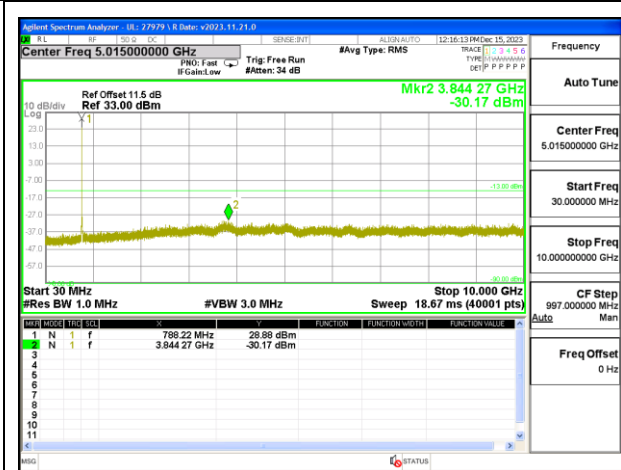
#### LIMITS

FCC: §90.543 (e), (f)

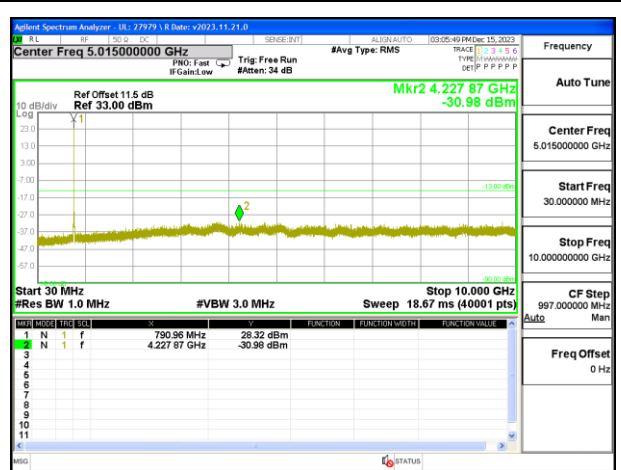
The minimum permissible attenuation level of any spurious emissions is  $43 + 10 \log (P)$  dB where transmitting power (P) in Watts. The band 1559-1610 MHz shall be limited to  $-70$  dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and  $-80$  dBW EIRP for discrete emissions of less than 700 Hz bandwidth.

Note: Radiated data in section 10.1.5 confirms a compliance for the emissions in GPS 1559-1610 MHz band were wideband emissions therefore the  $-40$ dBm/MHz limit was used.

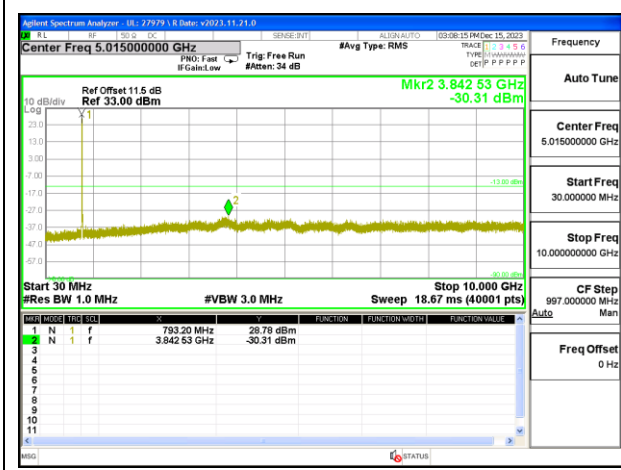
LTE BAND 14



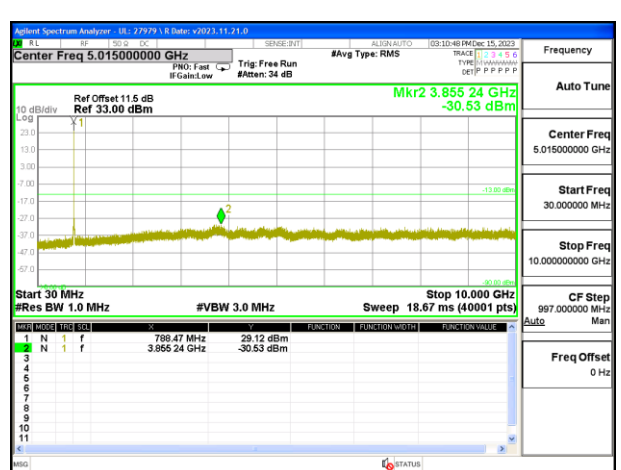
LTE B14 5MHz QPSK Low Channel RB1-0, ID:27979



LTE B14 5MHz QPSK Middle Channel RB1-0, ID:27979



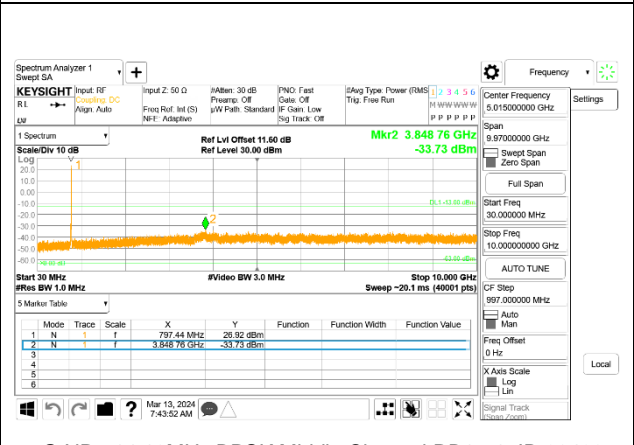
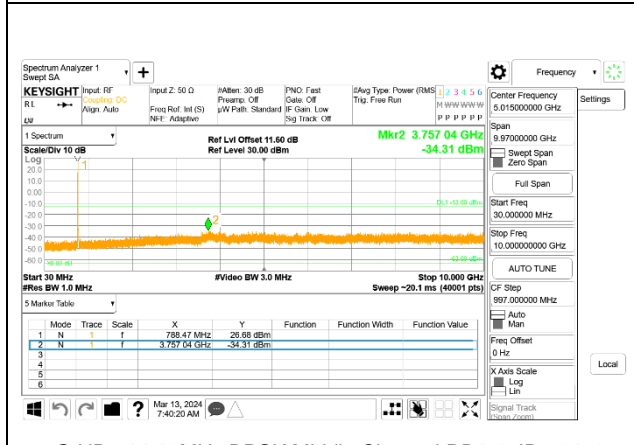
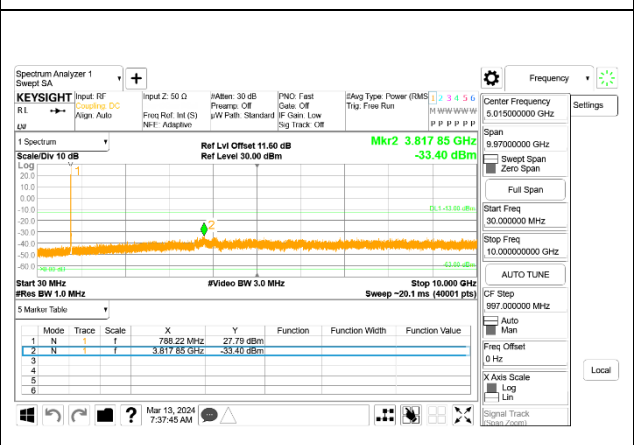
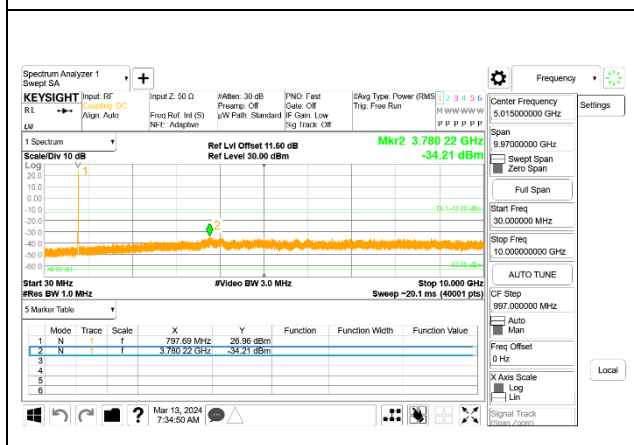
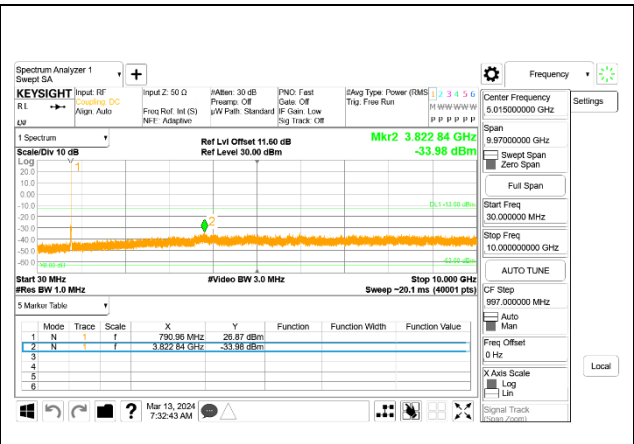
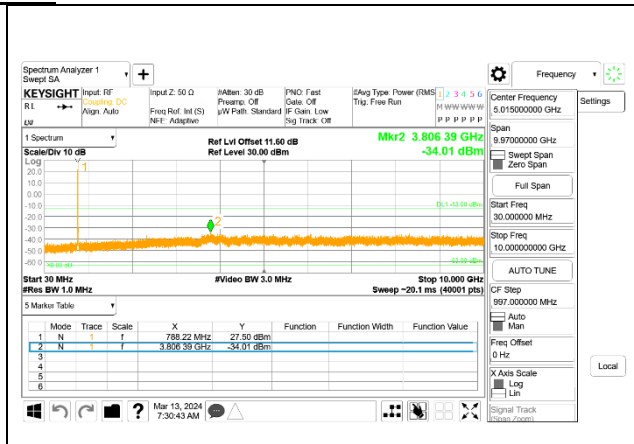
LTE 4 5MHz QPSK High Channel RB1-0, ID:27979



LTE B14 10MHz QPSK Middle Channel RB1-0, ID:27979

Note: Radiated data in section 10.1.5 confirms a compliance with narrowband limits for GPS1559-1610 MHz band.

5G NR n14



Note: Radiated data in section 10.1.5 confirms a compliance with narrowband limits for GPS1559-1610 MHz band.

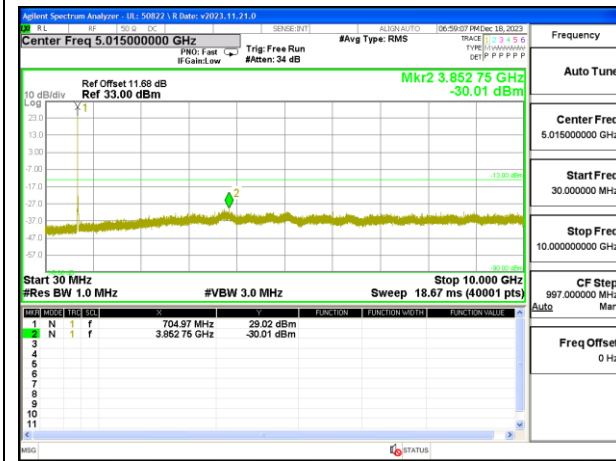
### 9.3.6. LTE BAND 17

#### LIMITS

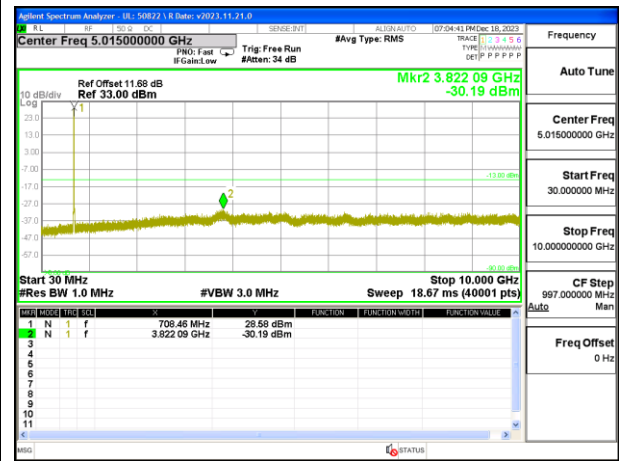
FCC: §27.53 (g)

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

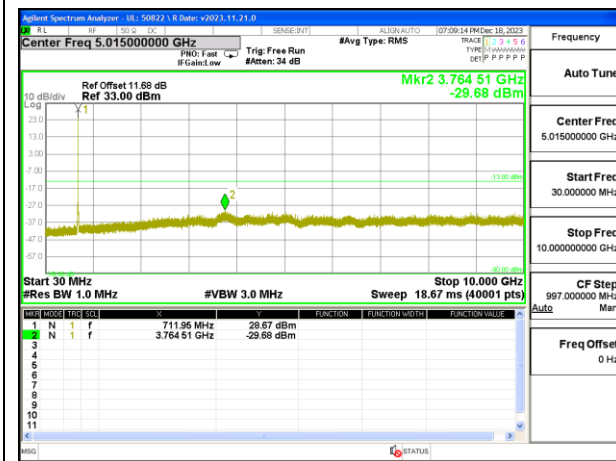
LTE BAND 17



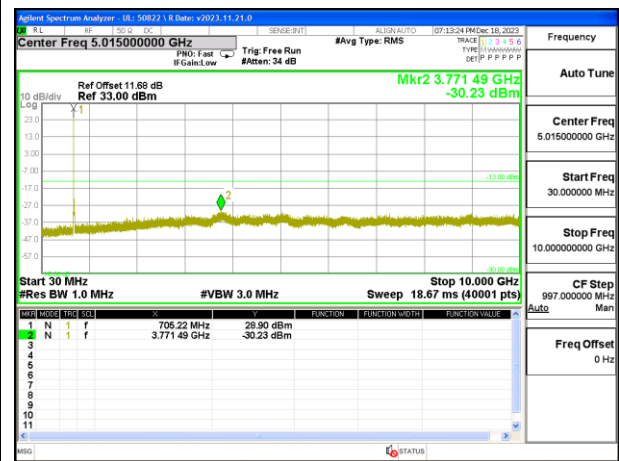
LTE B17 5MHz QPSK Low Channel RB1-0, ID:50822



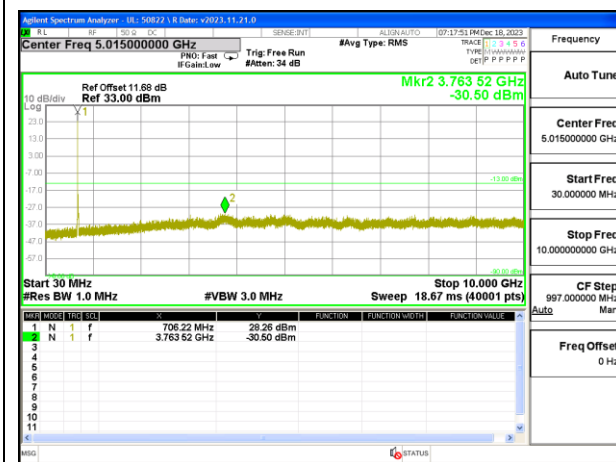
LTE B17 5MHz QPSK Middle Channel RB1-0, ID:50822



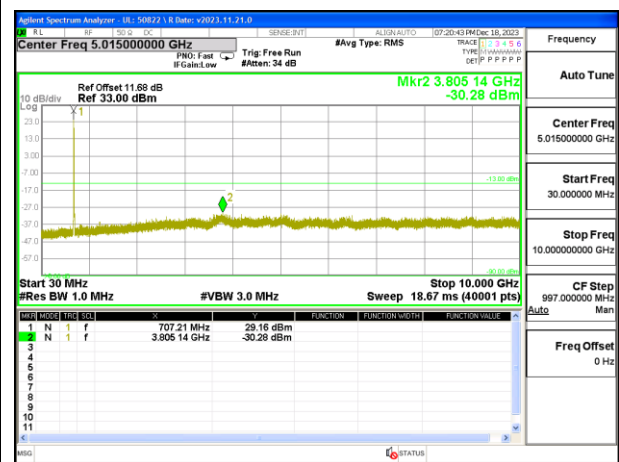
LTE B17 5MHz QPSK High Channel RB1-0, ID:50822



LTE B17 10MHz QPSK Low Channel RB1-0, ID:50822



LTE B17 10MHz QPSK Middle Channel RB1-0, ID:50822



LTE B17 10MHz QPSK High Channel RB1-0, ID:50822

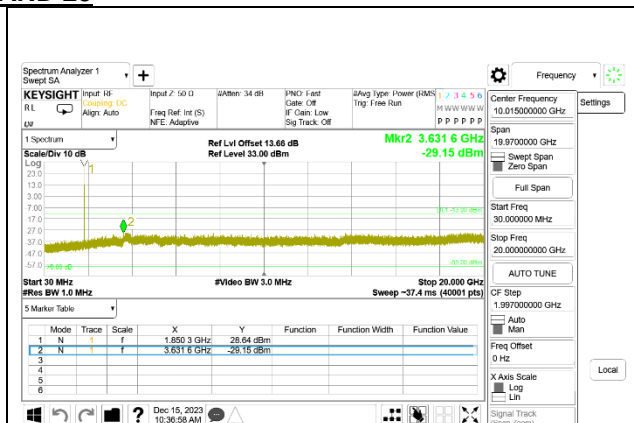
### 9.3.7. LTE BAND 25 AND 5G NR n25

#### LIMITS

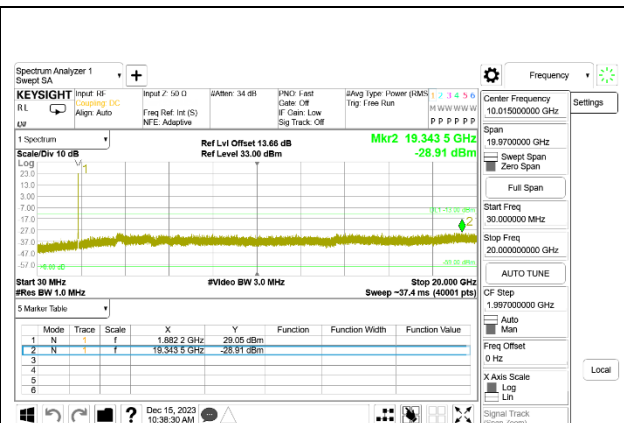
FCC: §24.238 (a)

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

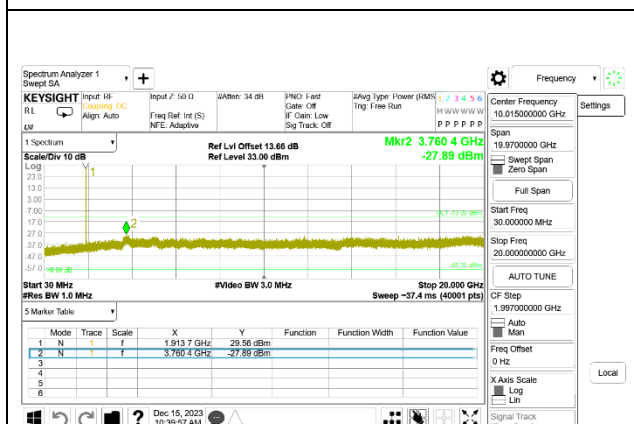
**LTE BAND 25**



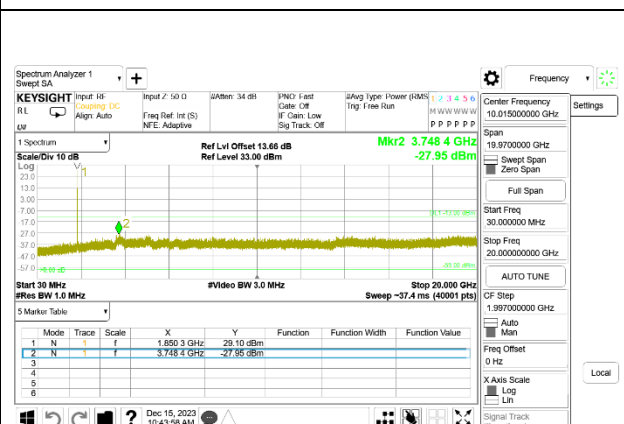
LTE B25 1.4MHz QPSK Low Channel RB1-0, ID 32061



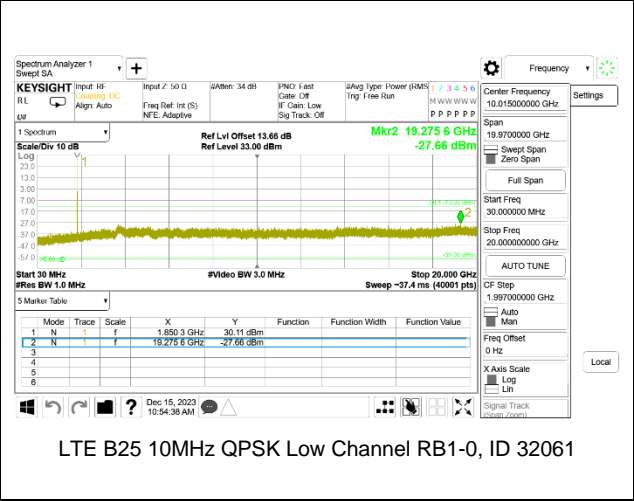
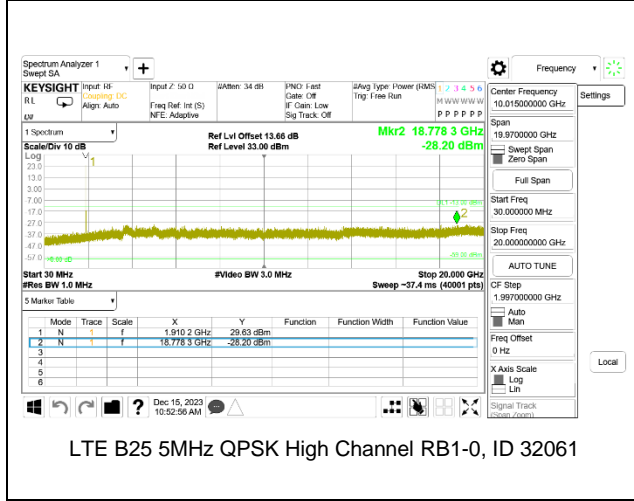
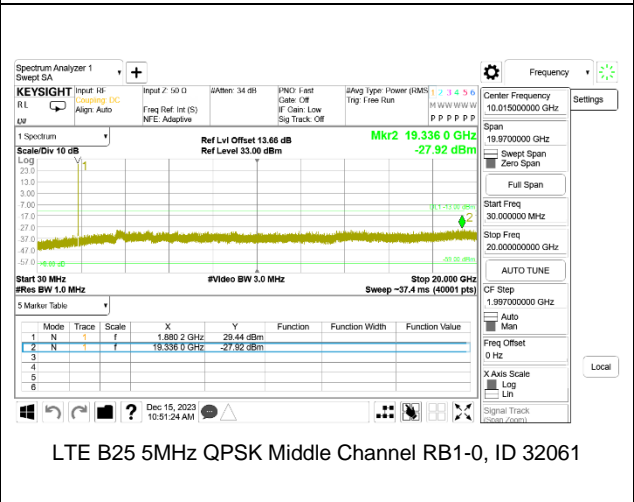
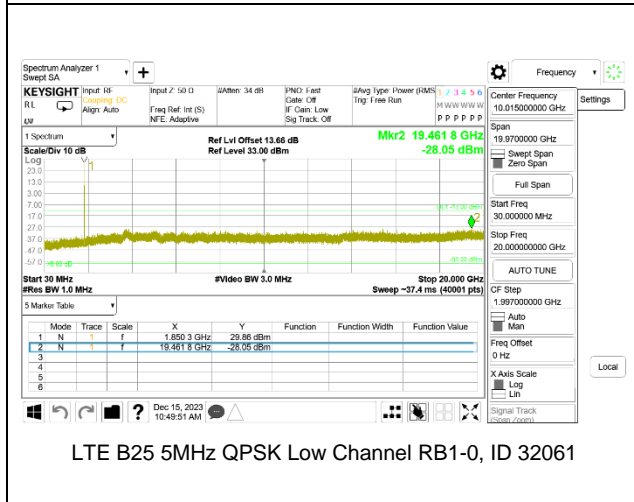
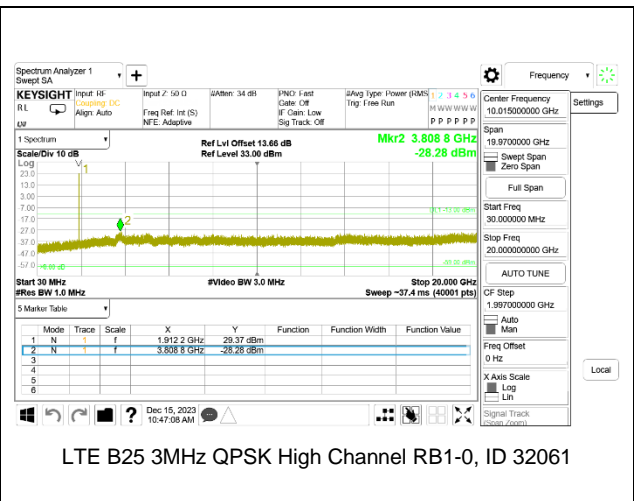
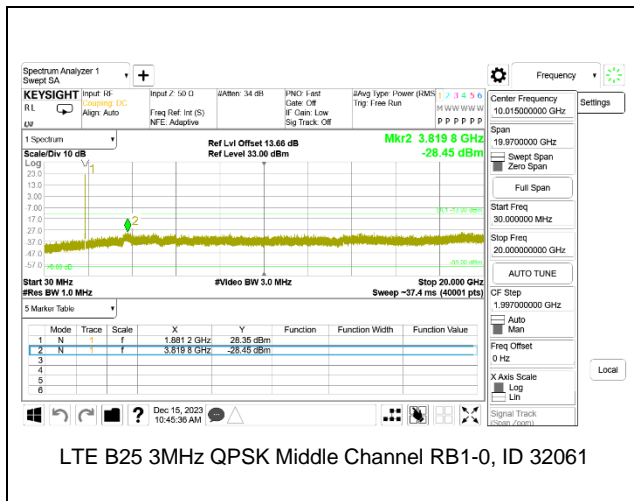
LTE B25 1.4MHz QPSK Middle Channel RB1-0, ID 32061



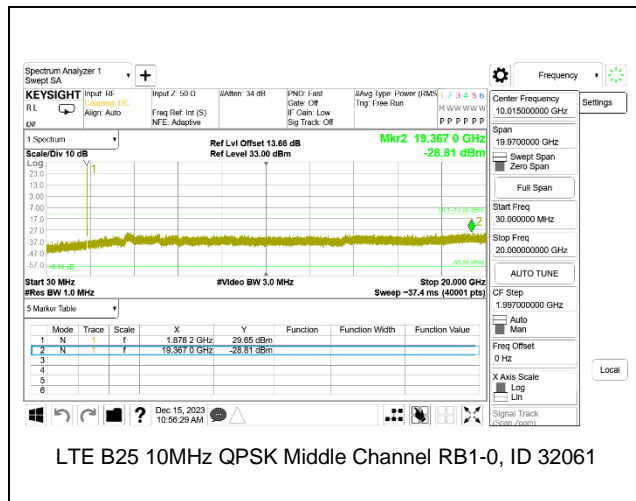
LTE B25 1.4MHz QPSK High Channel RB1-0, ID 32061



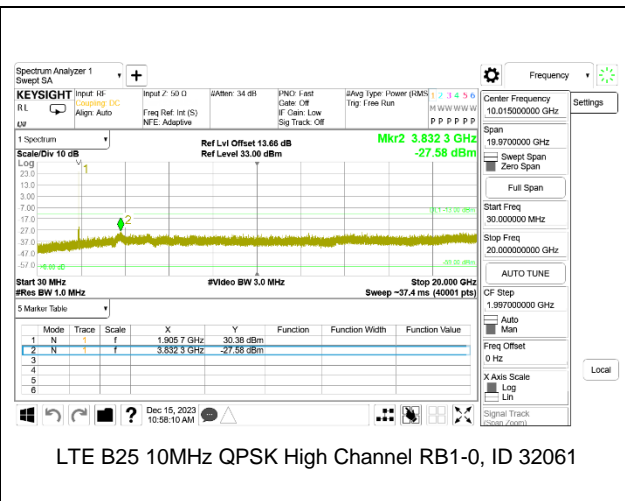
LTE B25 3MHz QPSK Low Channel RB1-0, ID 32061



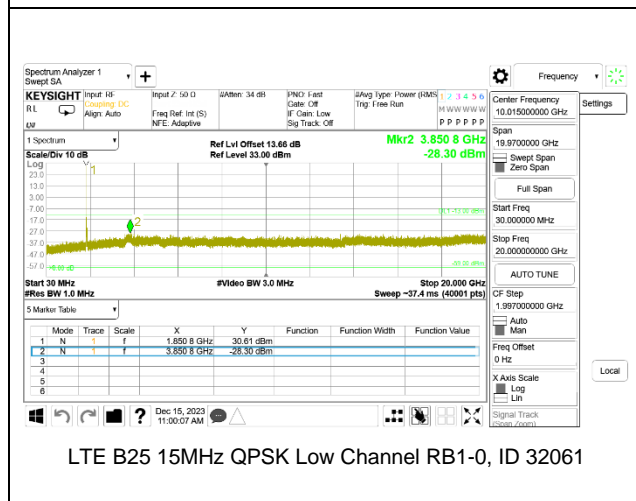




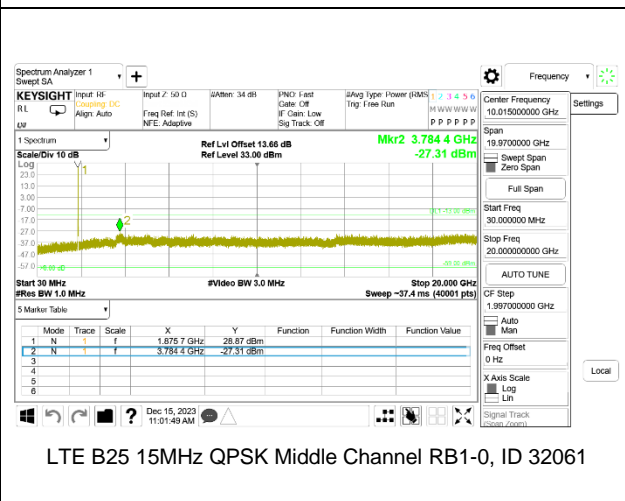
LTE B25 10MHz QPSK Middle Channel RB1-0, ID 32061



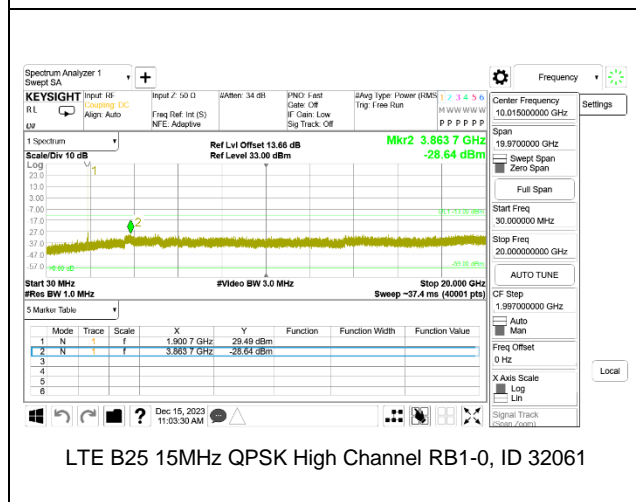
LTE B25 10MHz QPSK High Channel RB1-0, ID 32061



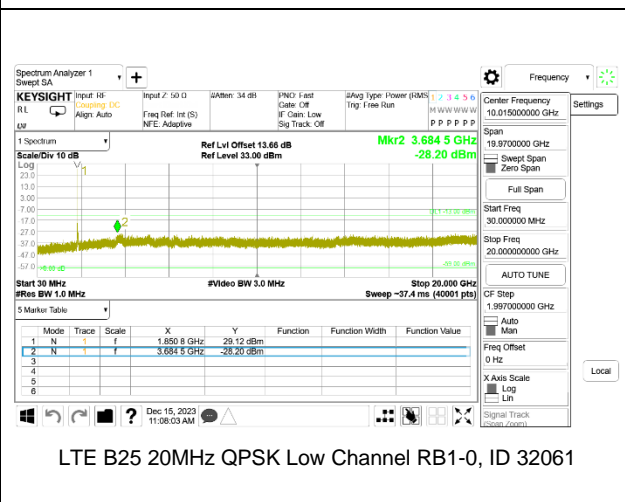
LTE B25 15MHz QPSK Low Channel RB1-0, ID 32061



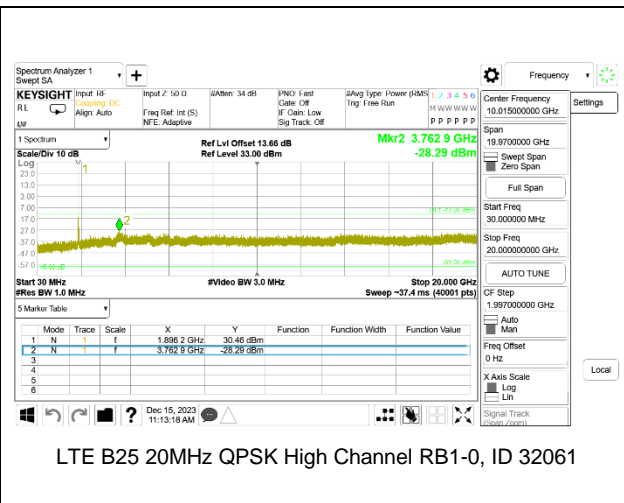
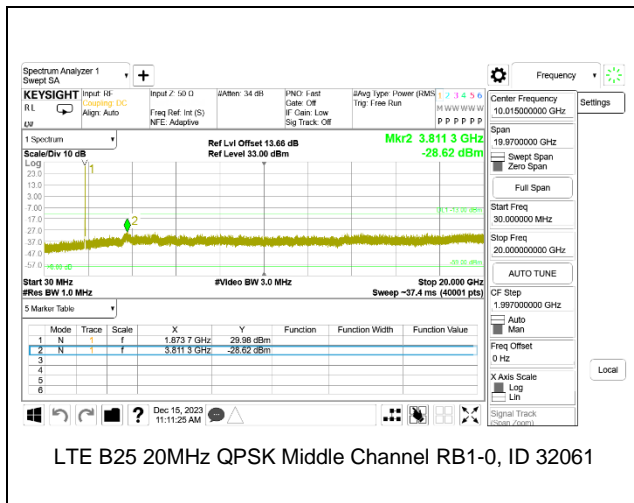
LTE B25 15MHz QPSK Middle Channel RB1-0, ID 32061



LTE B25 15MHz QPSK High Channel RB1-0, ID 32061



LTE B25 20MHz QPSK Low Channel RB1-0, ID 32061



**5G NR n25**

