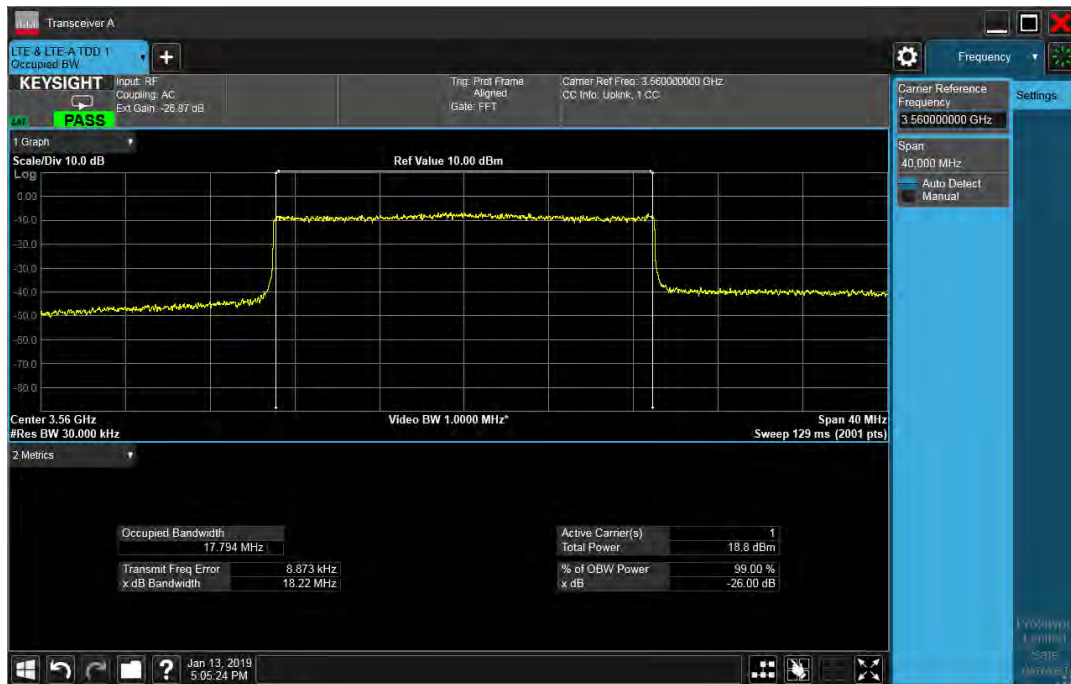
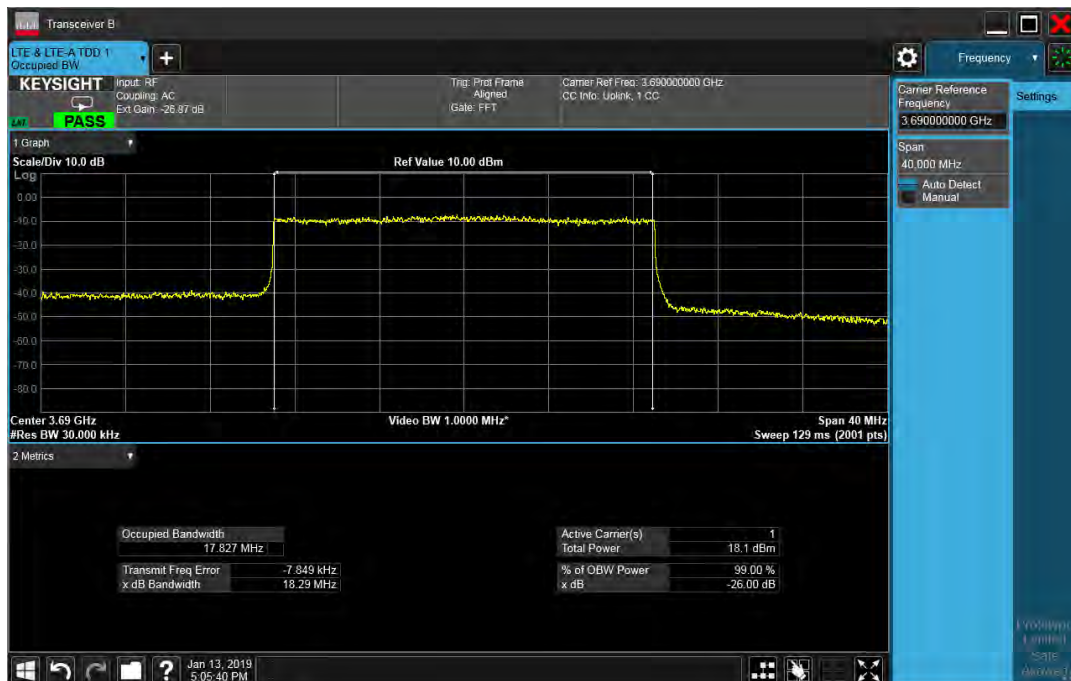




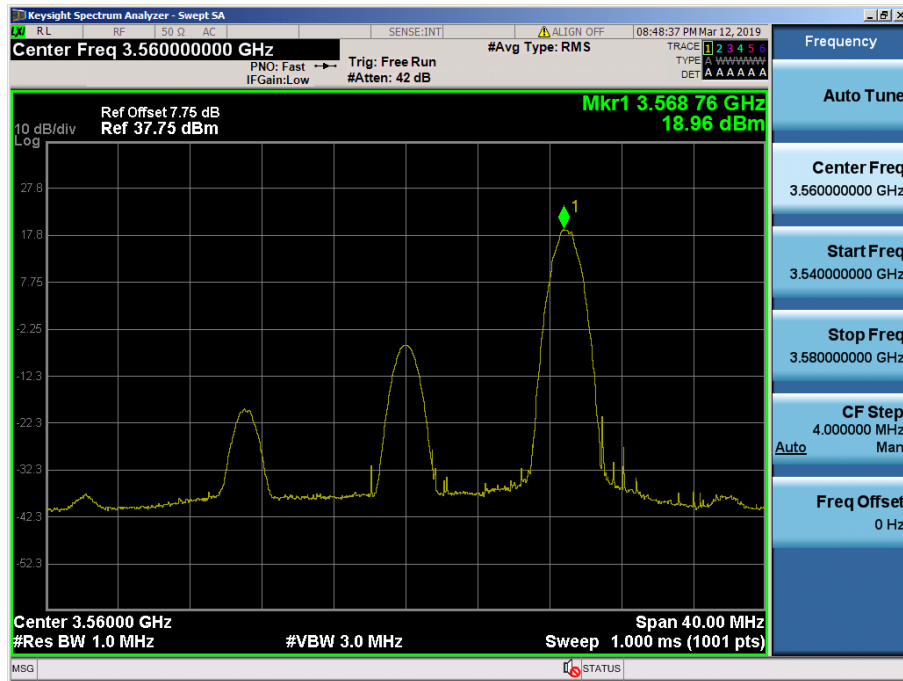
LTE CA intra-band 48 / 40(20+20) / 20MHz(PCC) / 64QAM - RB Size 200(100+100)



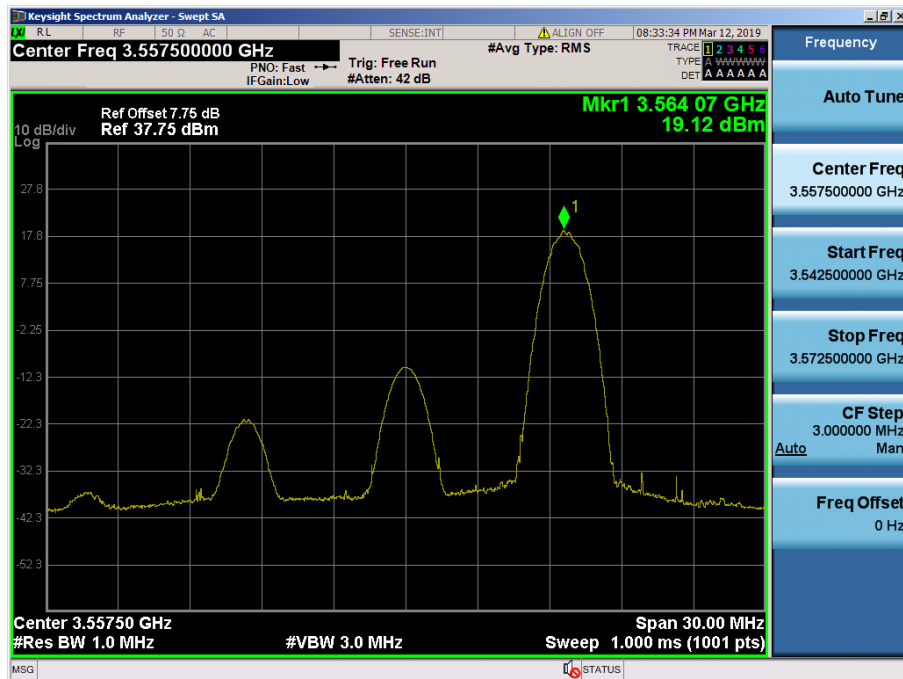
LTE CA intra-band 48 / 40(20+20) / 20MHz(SCC) / 64QAM - RB Size 200(100+100)

8.2 MAXIMUM PSD

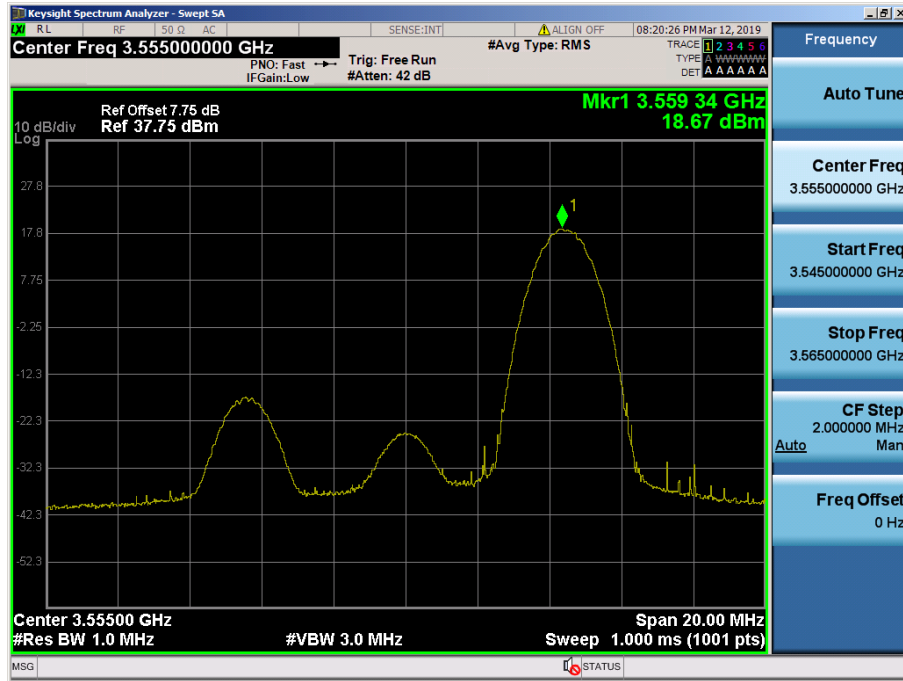
8.2.1 LTE Band 48 (Single Transmitting)



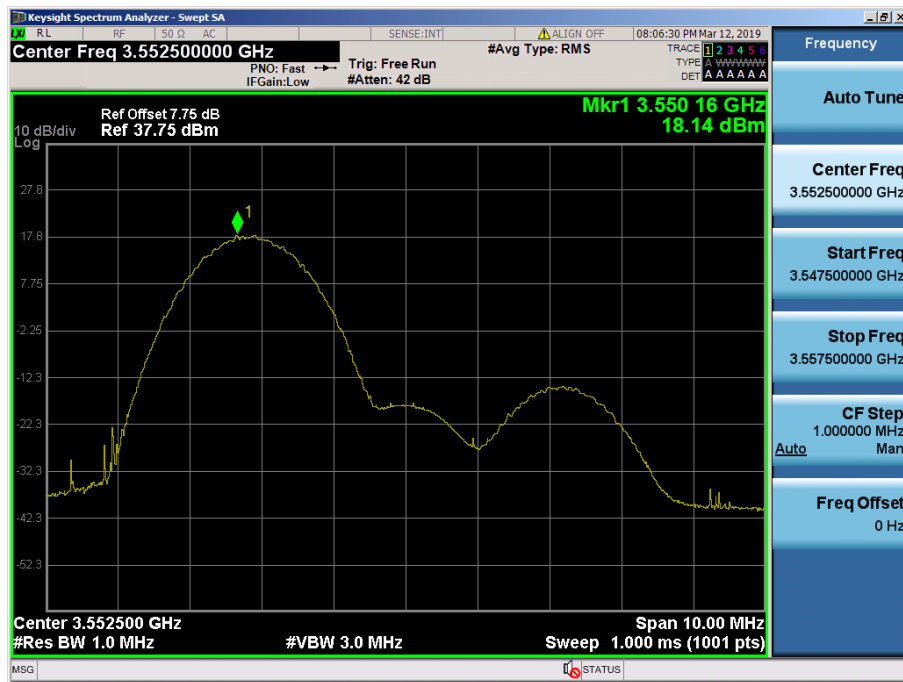
LTE Band 48 / 20 MHz / QPSK - - RB Size/Offset (1/99)
(18.957 + 3.986 = 22.943 [dBm/MHz])



LTE Band 48 / 15 MHz / QPSK - RB Size/Offset (1/74)
(19.116 + 3.986 = 23.102 [dBm/MHz])

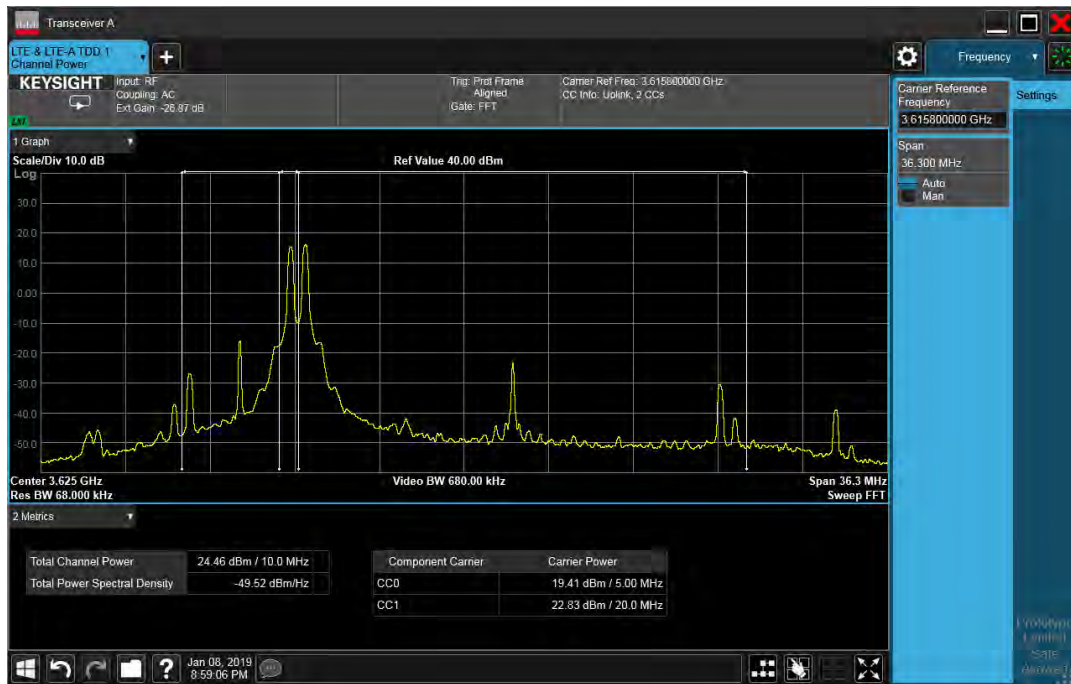


LTE Band 48 / 10 MHz / QPSK - RB Size/Offset (1/49)
(18.669 + 3.986 = 22.655 [dBm/MHz])

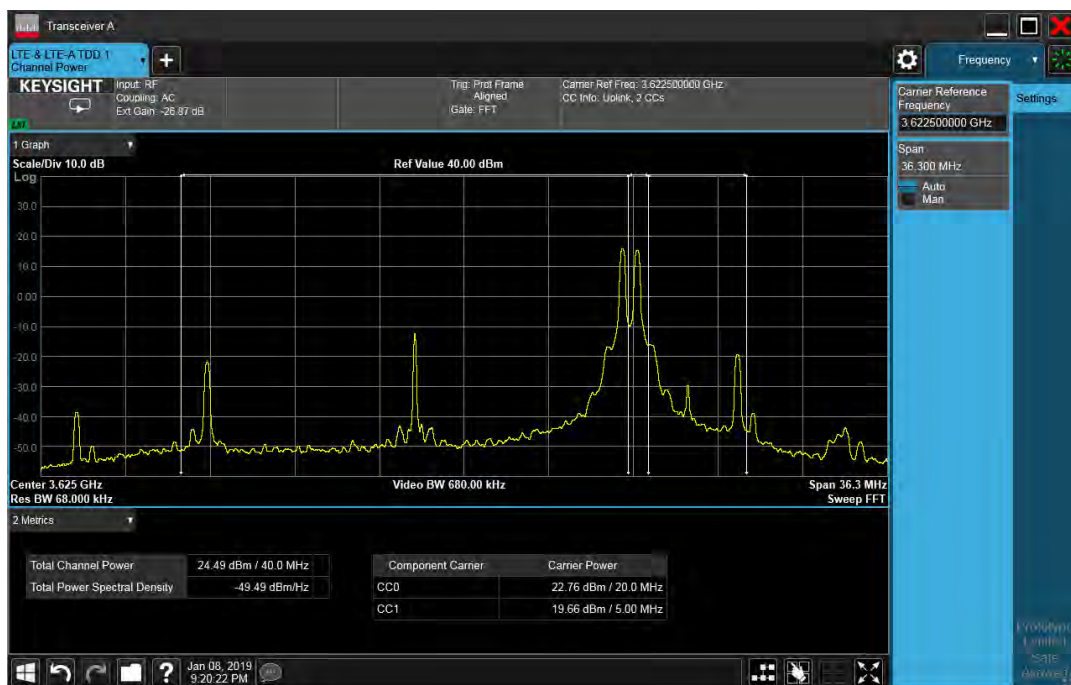


LTE Band 48 / 5 MHz / QPSK - RB Size/Offset (1/0)
(18.144 + 3.986 = 22.130 [dBm/MHz])

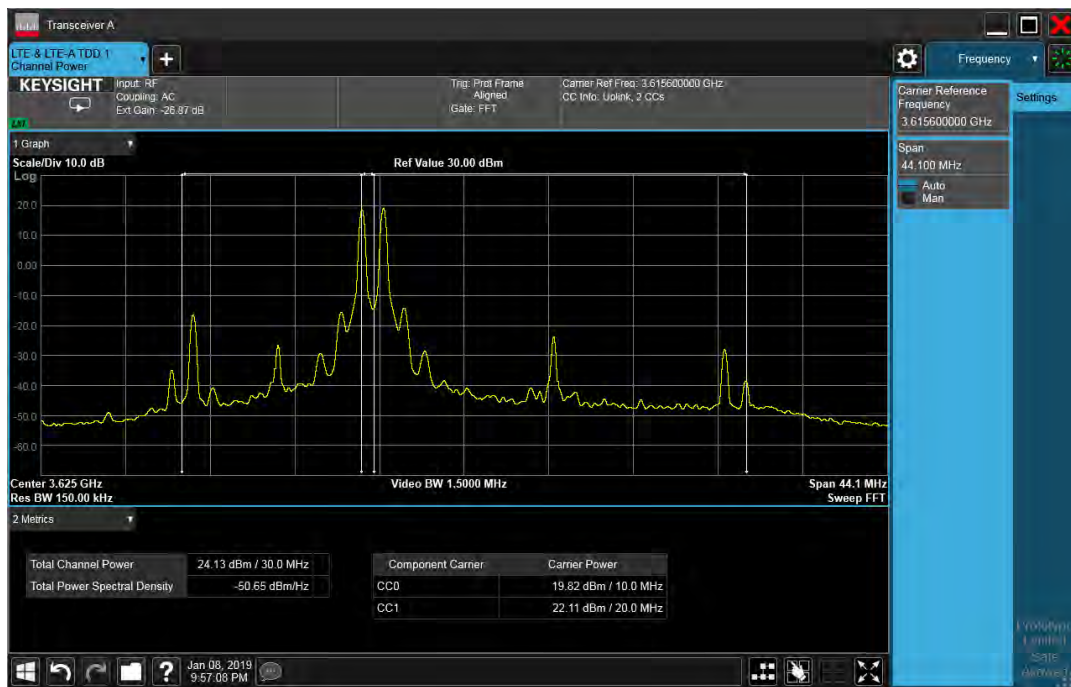
8.2.2 LTE Band 48 (UL-CA, intra-band_continuous)



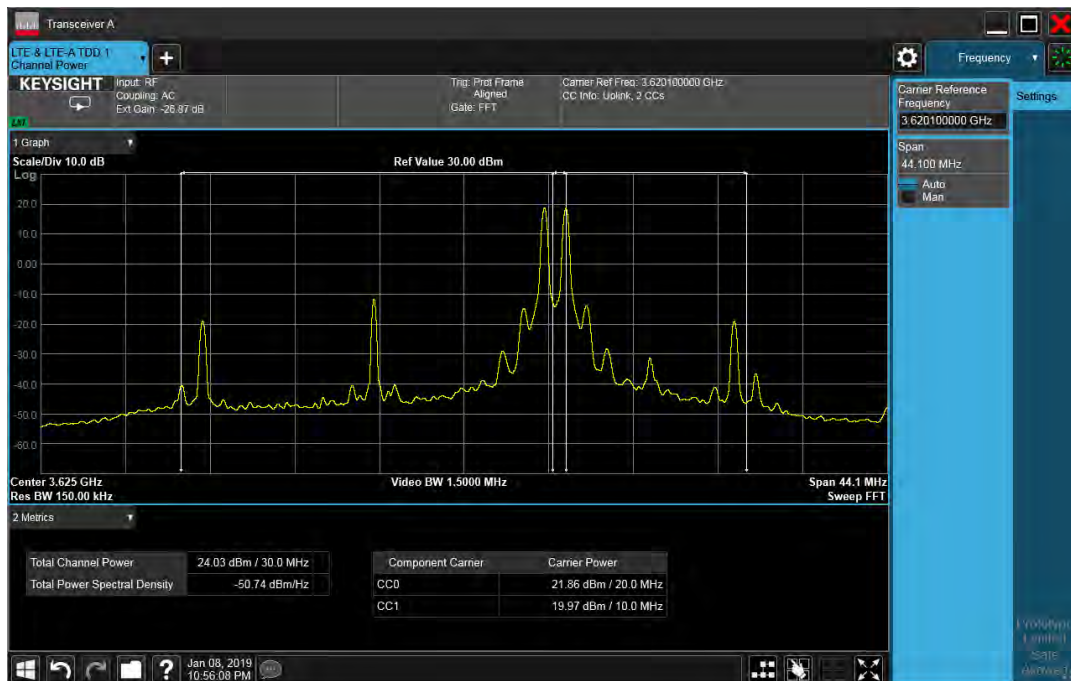
LTE CA intra-band 48 / 25(5+20) / QPSK - RB Size/Offset (1/24+1/0)



LTE CA intra-band 48 / 25(20+5) / QPSK - RB Size/Offset (1/99+1/0)



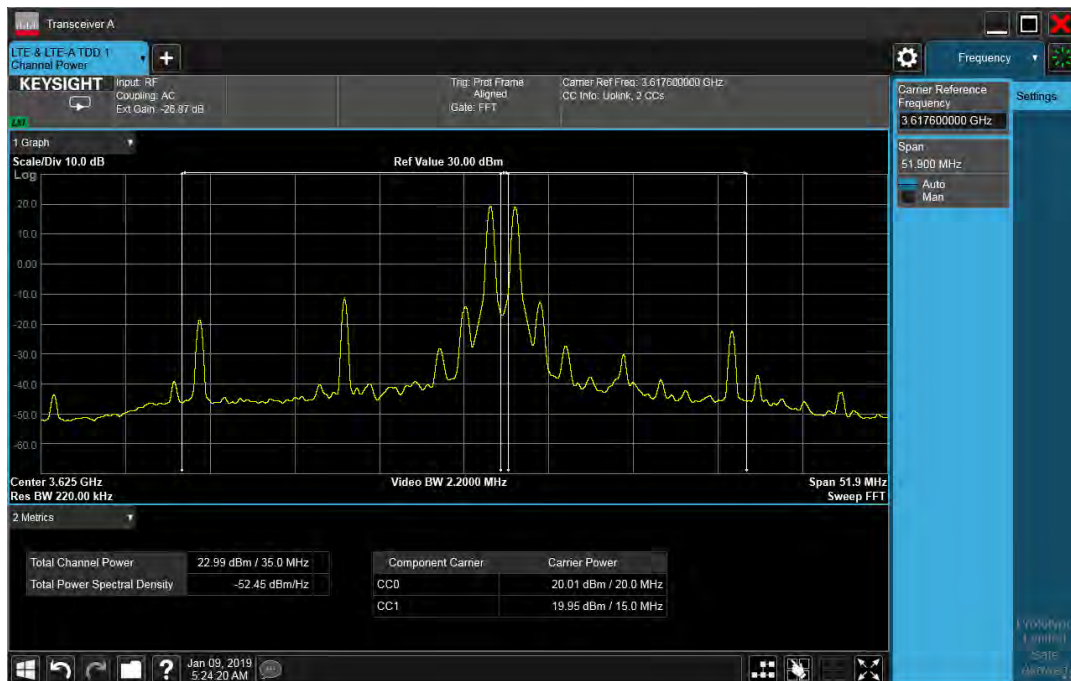
LTE CA intra-band 48 / 30(10+20) / QPSK - RB Size/Offset (1/49+1/0)



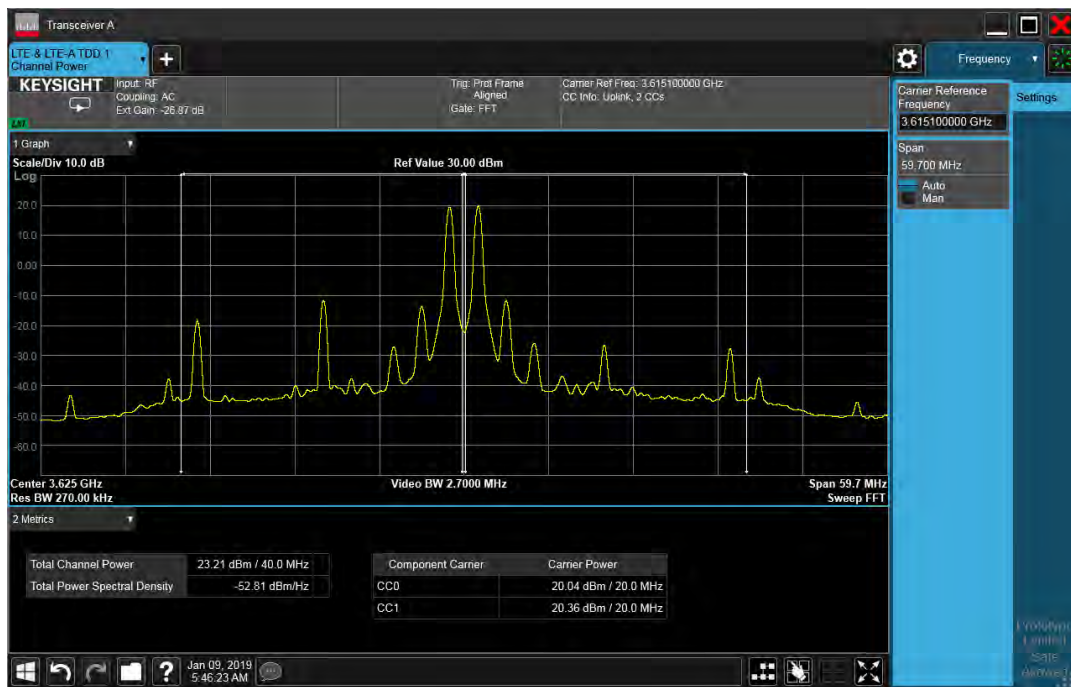
LTE CA intra-band 48 / 30(20+10) / QPSK - RB Size/Offset (1/99+1/0)



LTE CA intra-band 48 / 35(15+20) / QPSK - RB Size/Offset (1/74+1/0)

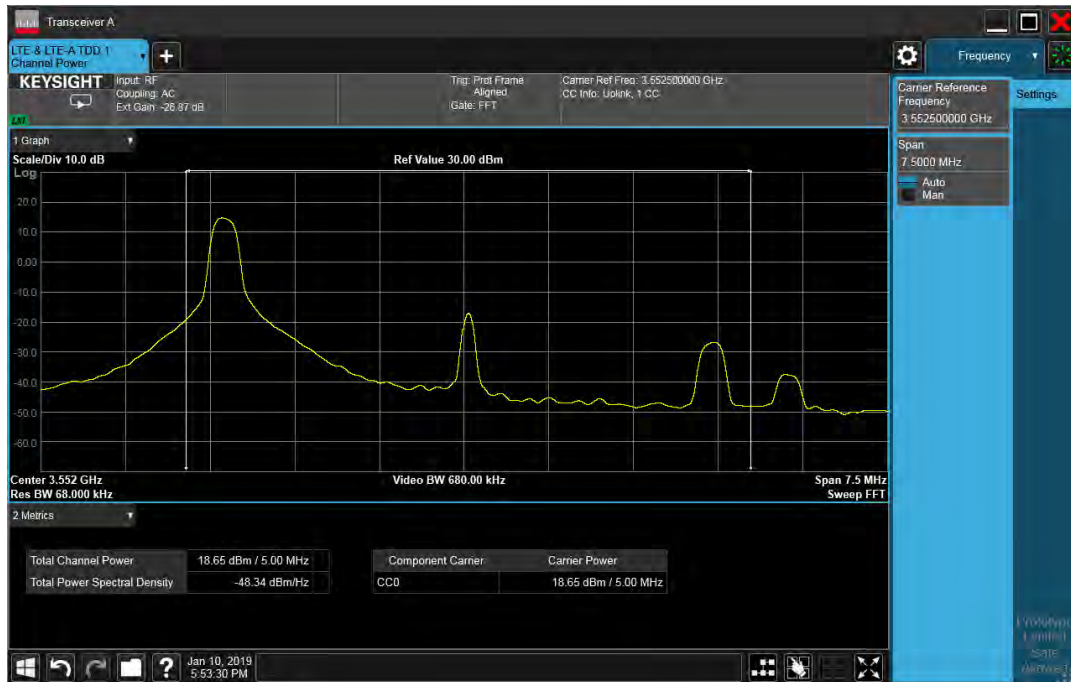


LTE CA intra-band 48 / 35(20+15) / QPSK - RB Size/Offset (1/99+1/0)

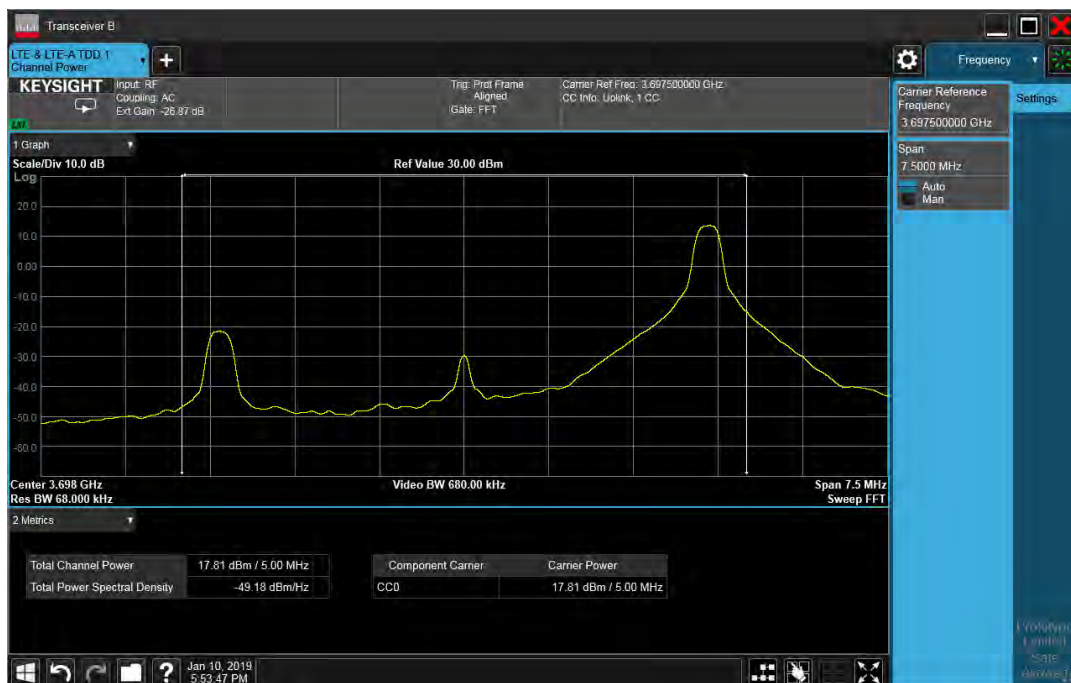


LTE CA intra-band 48 / 40(20+20) / QPSK - RB Size/Offset (1/99+1/0)

8.2.3 LTE Band 48 (UL-CA, intra-band_non-continuous)



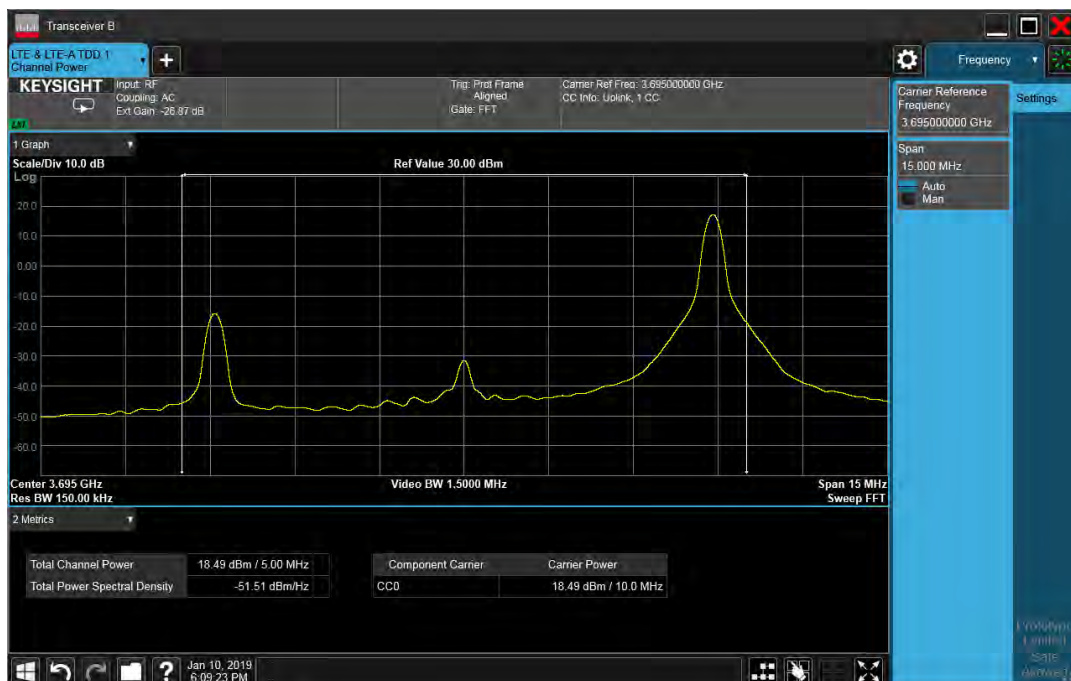
LTE CA intra-band 48 / 10(5+5) / 5MHz(PCC) / 16QAM - RB Size/Offset (1/0)



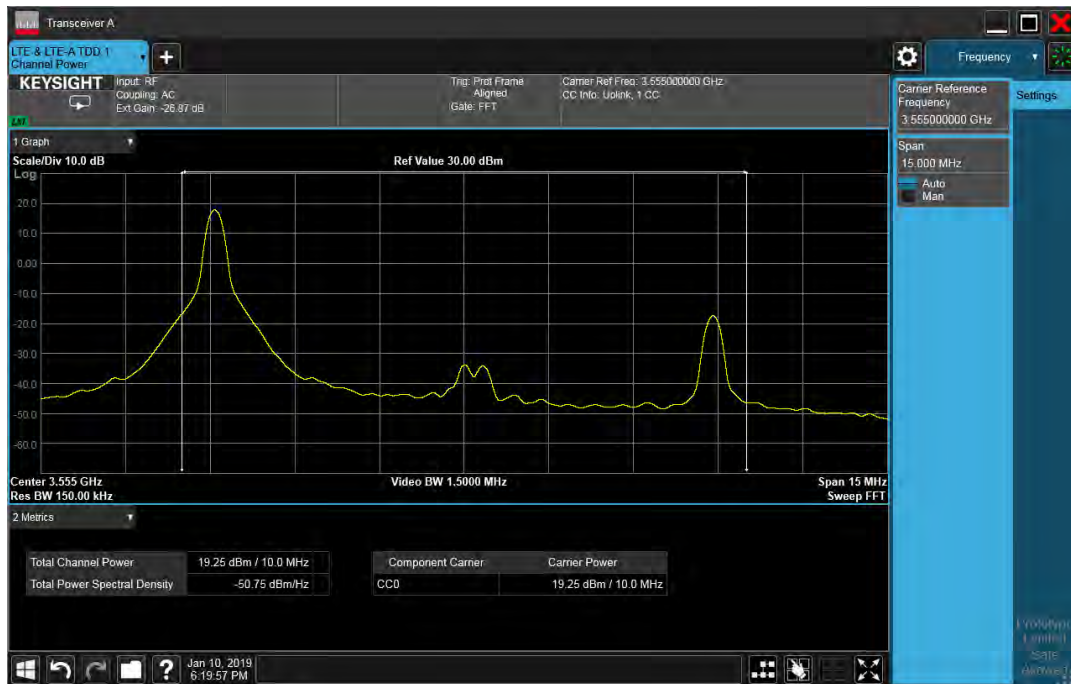
LTE CA intra-band 48 / 10(5+5) / 5MHz(SCC) / 16QAM - RB Size/Offset (1/24)



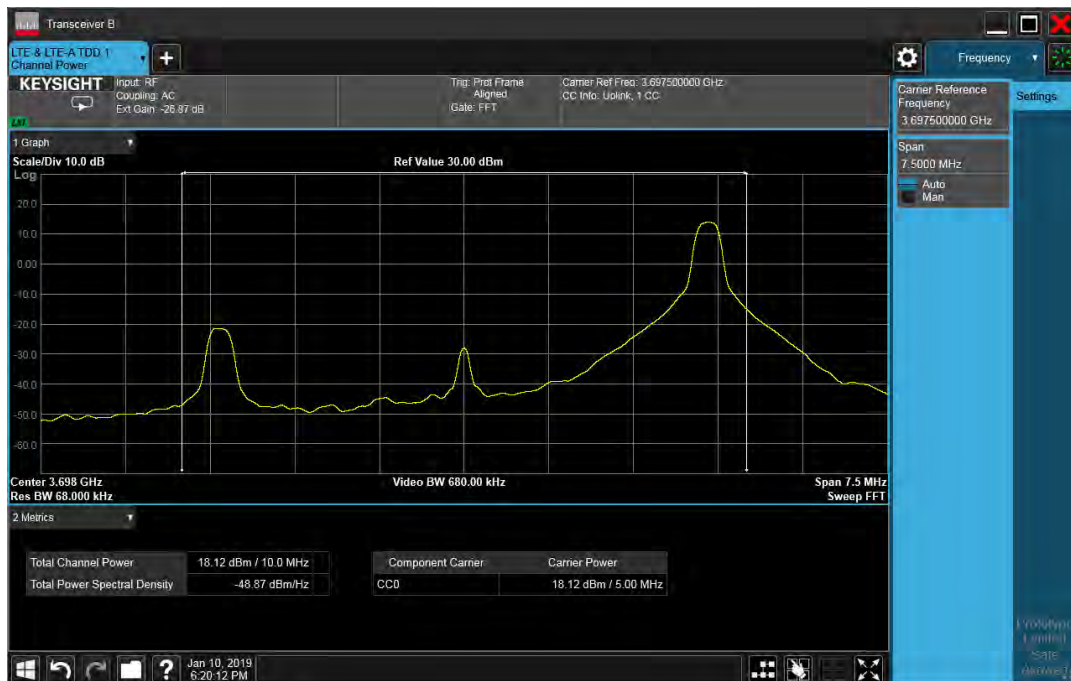
LTE CA intra-band 48 / 15(5+10) / 5MHz(PCC) / 16QAM - RB Size/Offset (1/0)



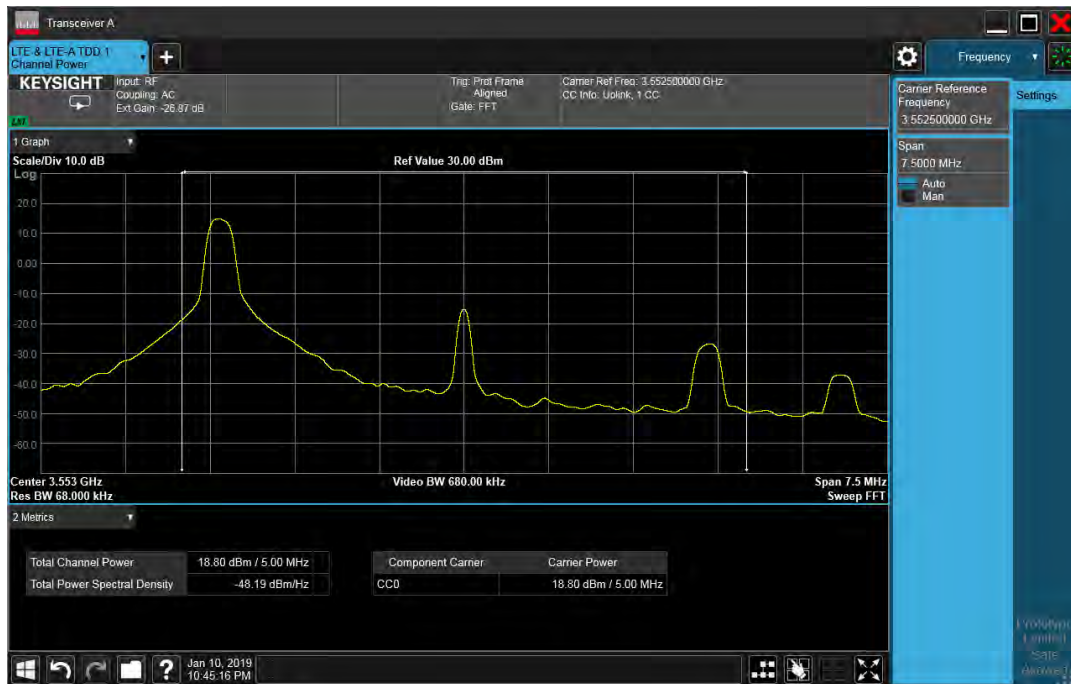
LTE CA intra-band 48 / 15(5+10) / 10MHz(SCC) / 16QAM - RB Size/Offset (1/49)



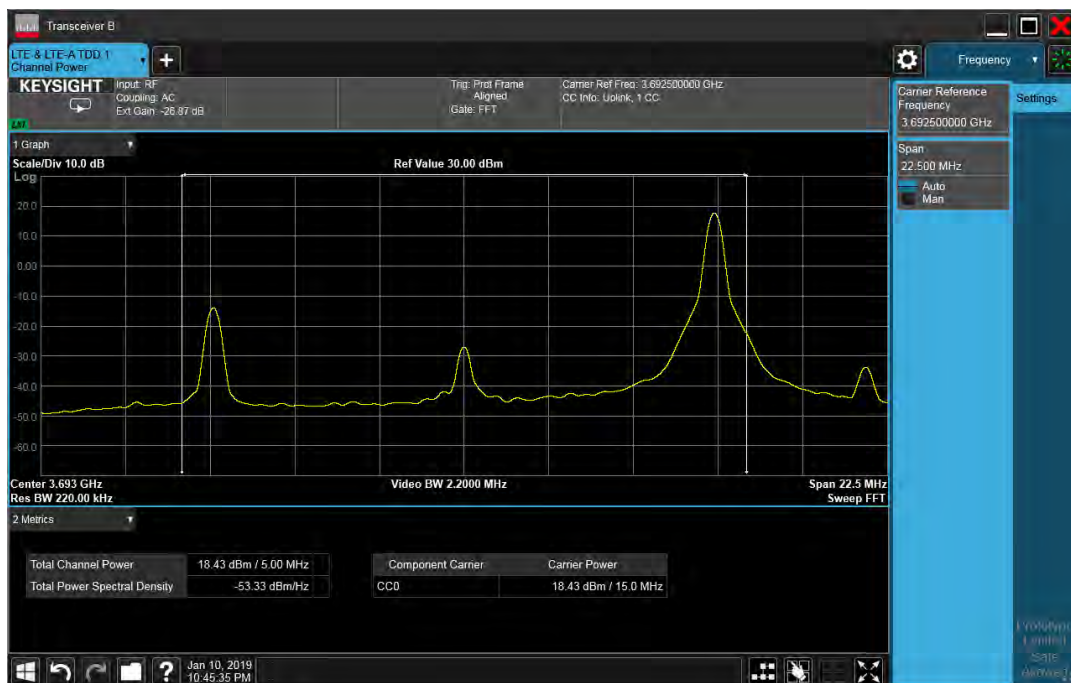
LTE CA intra-band 48 / 15(10+5) / 10MHz(PCC) / 16QAM - RB Size/Offset (1/0)



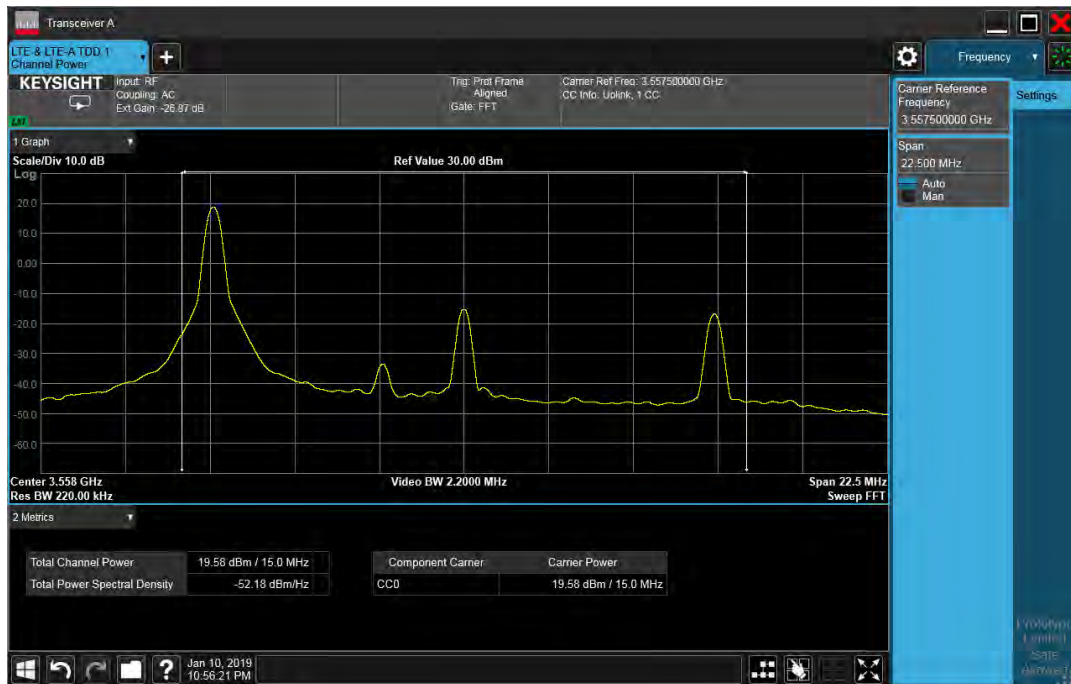
LTE CA intra-band 48 / 15(10+5) / 5MHz(SCC) / 16QAM - RB Size/Offset (1/24)



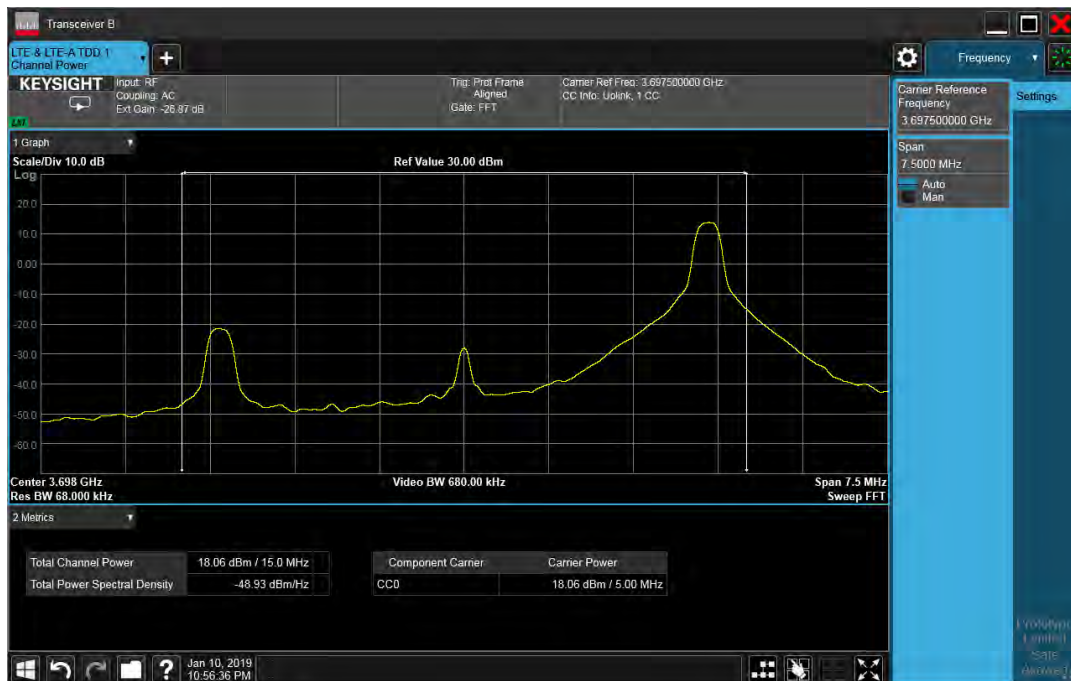
LTE CA intra-band 48 / 20(5+15) / 5MHz(PCC) / 16QAM - RB Size/Offset (1/0)



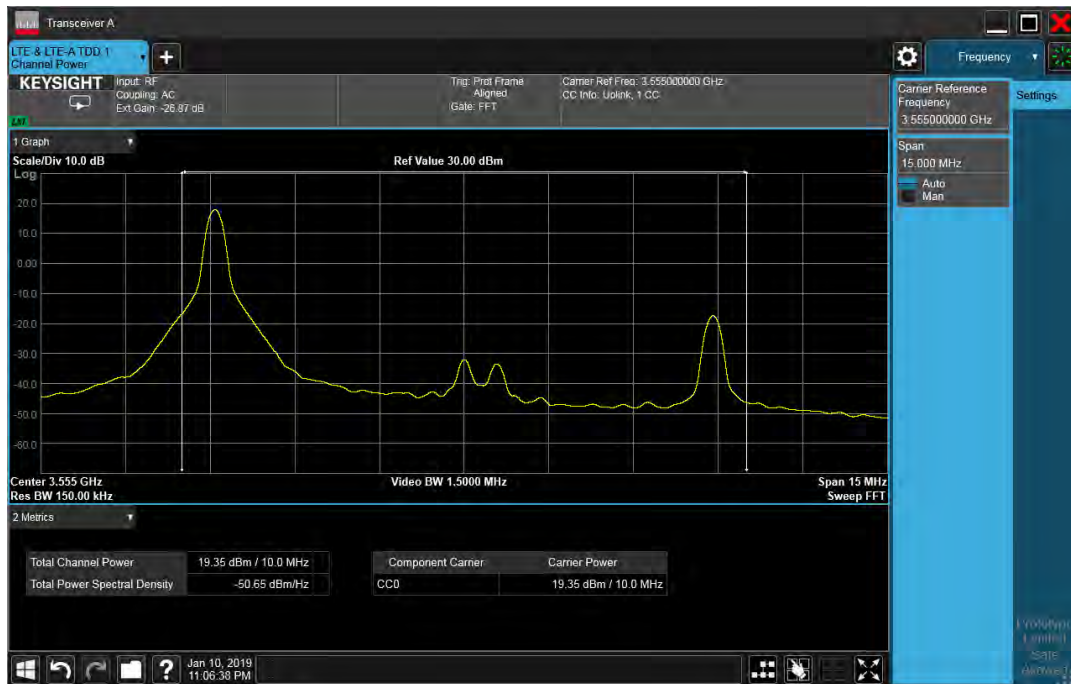
LTE CA intra-band 48 / 20(5+15) / 15MHz(SCC) / 16QAM - RB Size/Offset (1/74)



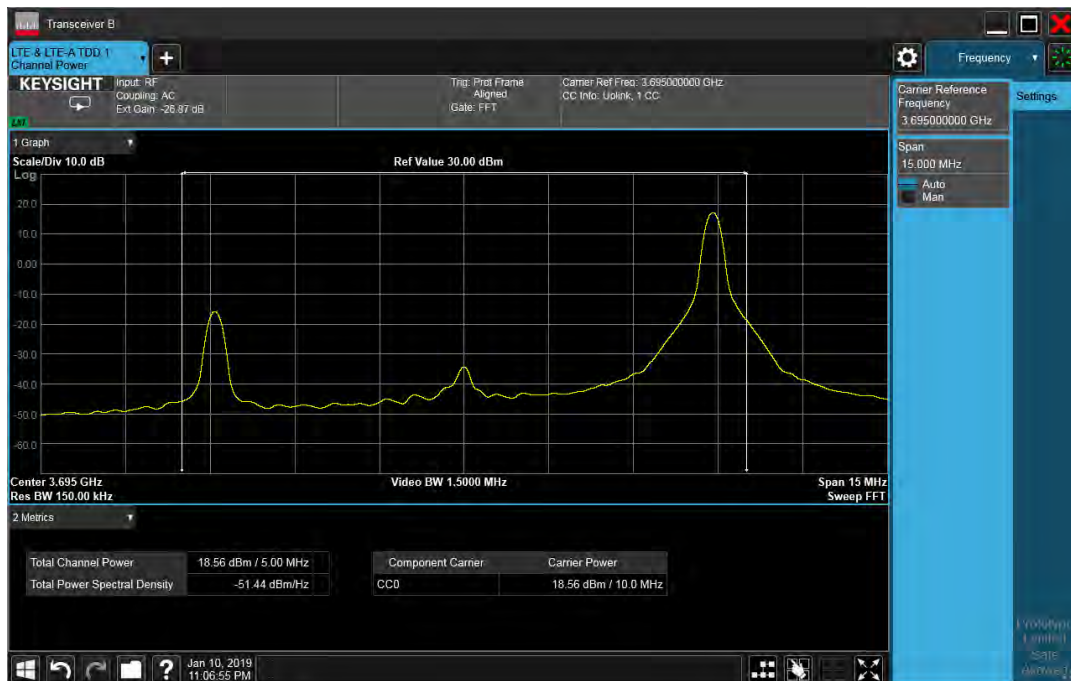
LTE CA intra-band 48 / 20(15+5) / 15MHz(PCC) / 16QAM - RB Size/Offset (1/0)



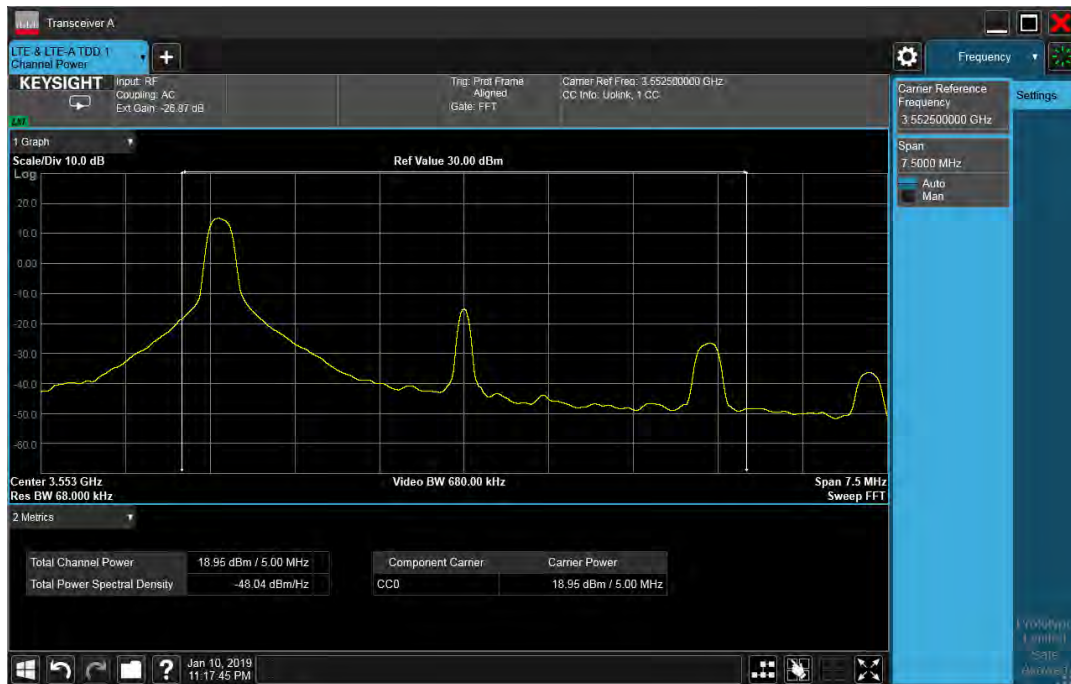
LTE CA intra-band 48 / 20(15+5) / 5MHz(SCC) / 16QAM - RB Size/Offset (1/24)



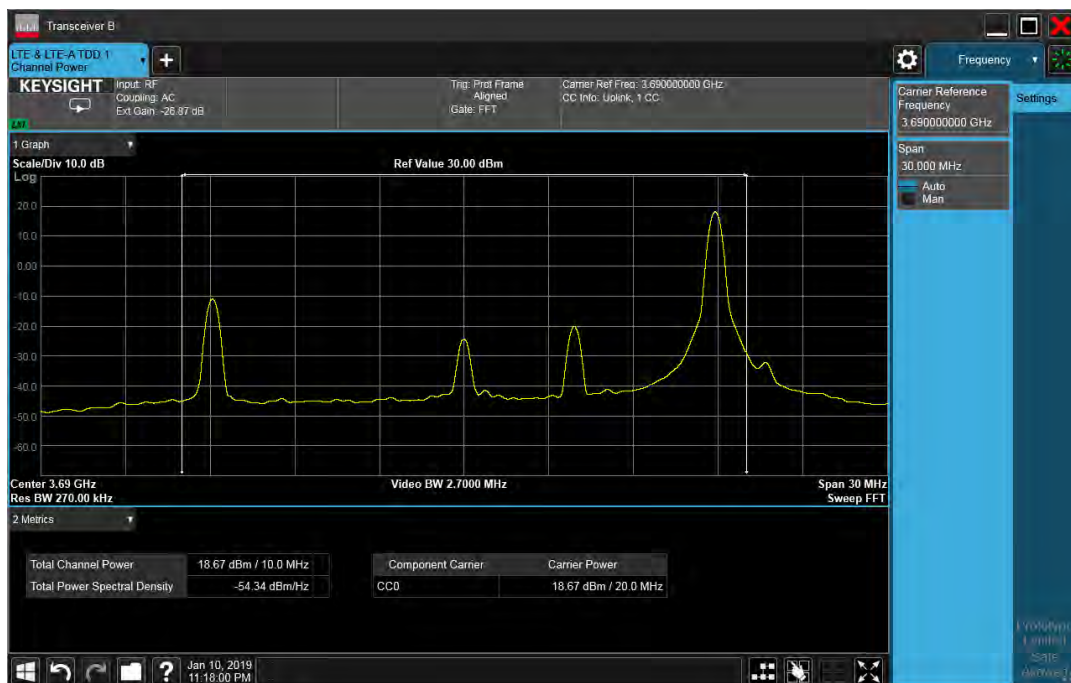
LTE CA intra-band 48 / 20(10+10) / 10MHz(PCC) / 16QAM - RB Size/Offset (1/0)



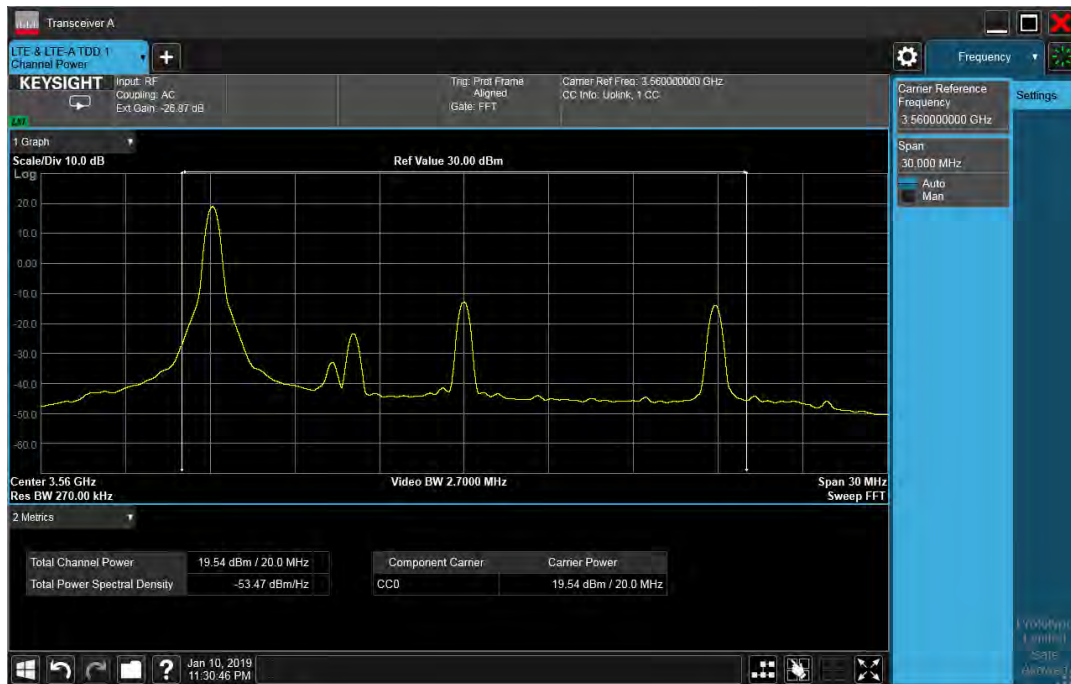
LTE CA intra-band 48 / 20(10+10) / 10MHz(SCC) / 16QAM - RB Size/Offset (1/49)



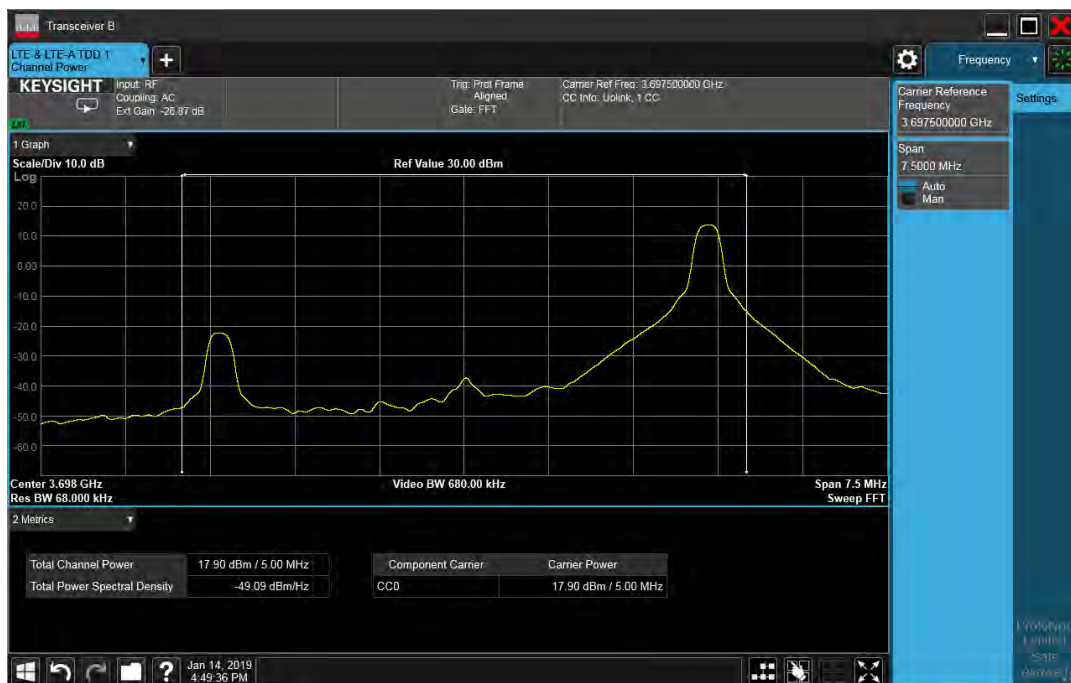
LTE CA intra-band 48 / 25(5+20) / 5MHz(PCC) / 16QAM - RB Size/Offset (1/0)



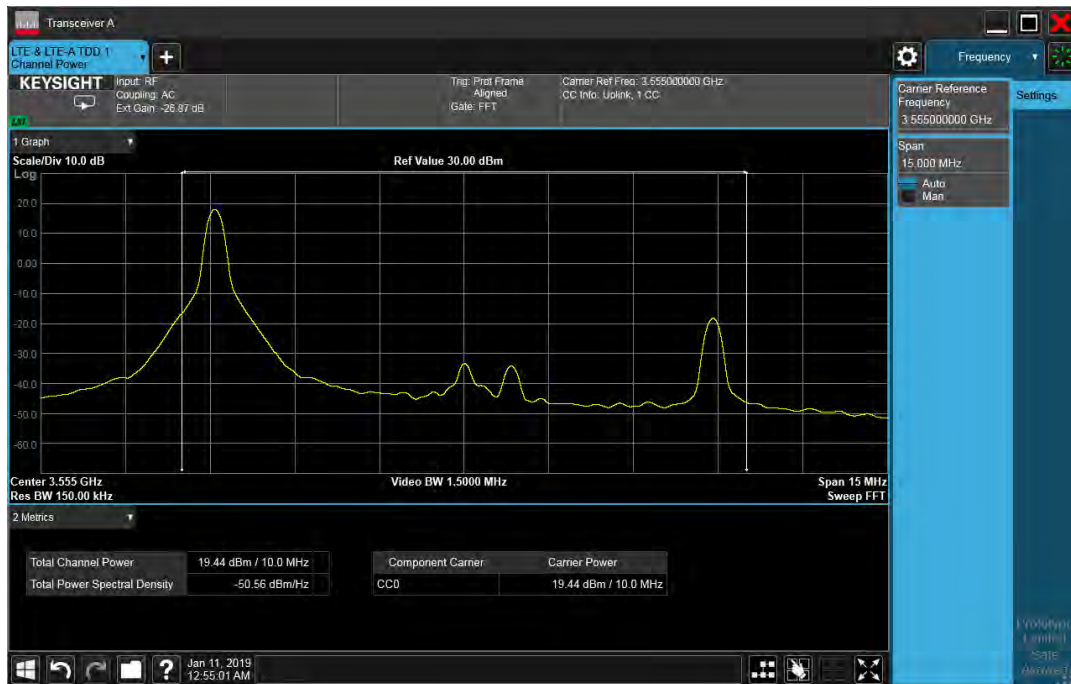
LTE CA intra-band 48 / 25(5+20) / 20MHz(SCC) / 16QAM - RB Size/Offset (1/99)



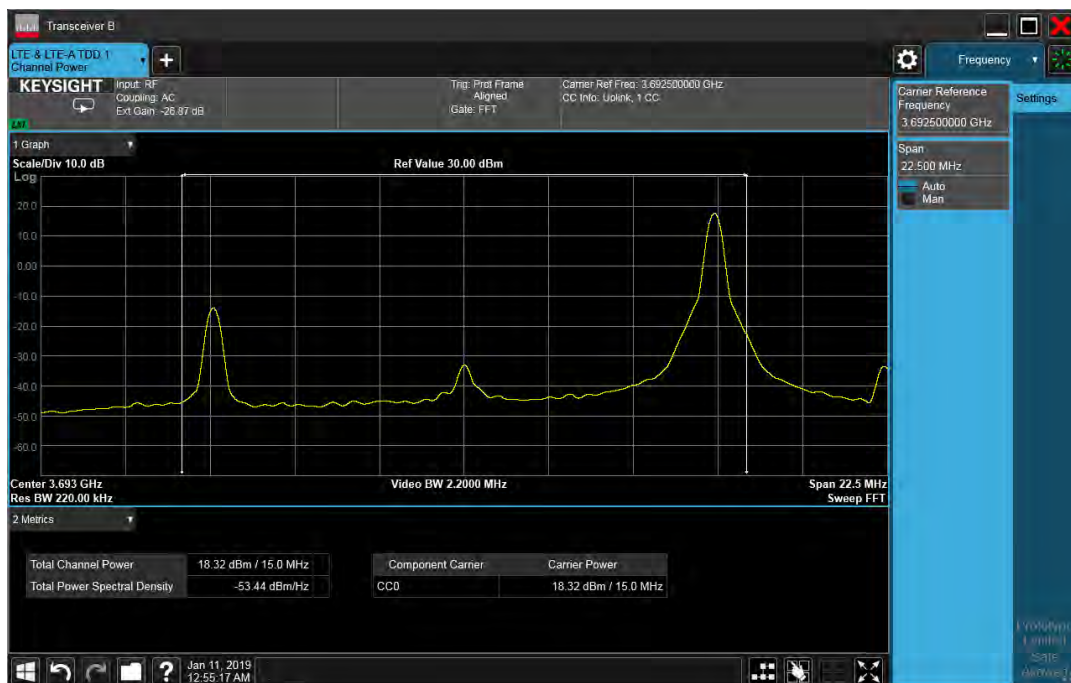
LTE CA intra-band 48 / 25(20+5) / 20MHz(PCC) / 16QAM - RB Size/Offset (1/0)



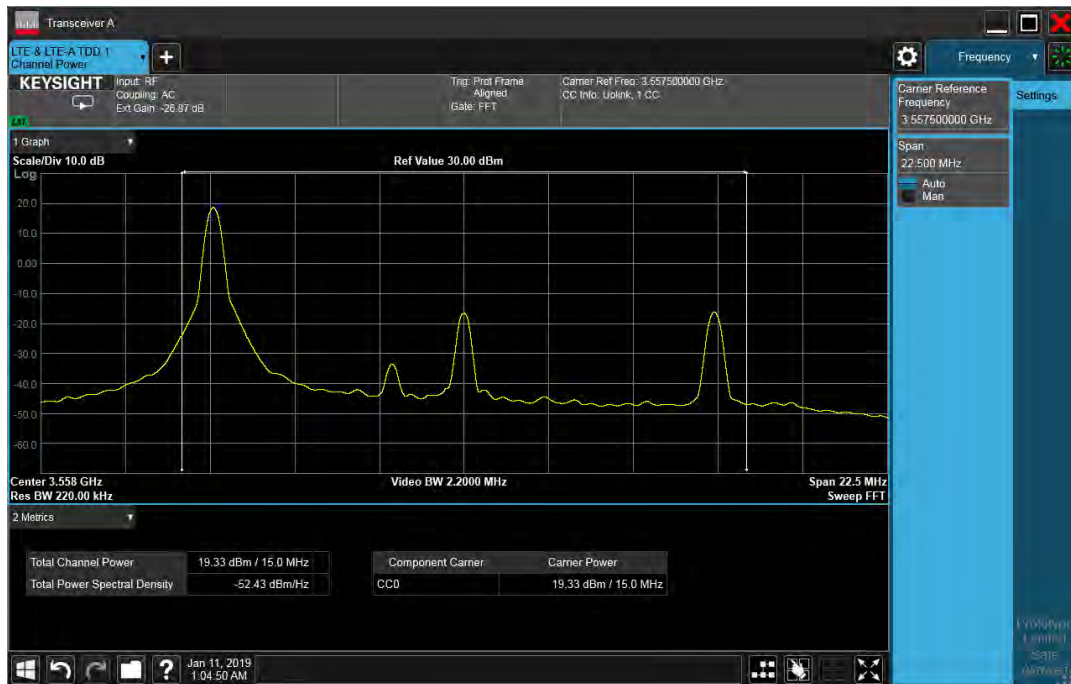
LTE CA intra-band 48 / 25(20+5) / 5MHz(SCC) / 16QAM - RB Size/Offset (1/24)



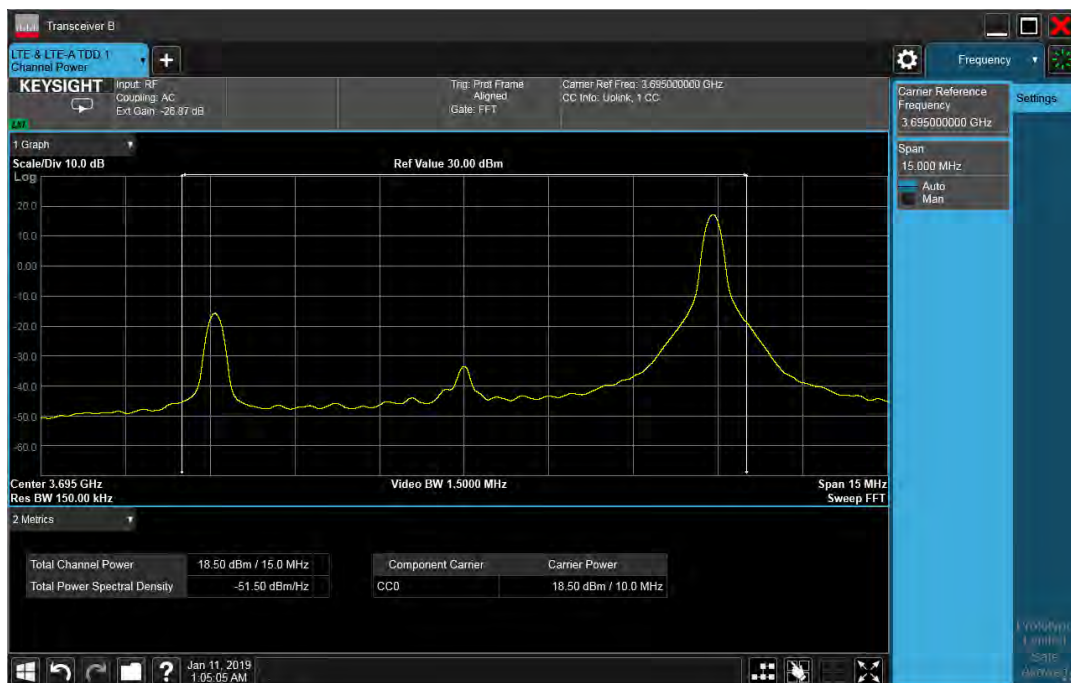
LTE CA intra-band 48 / 25(10+15) / 10MHz(PCC) / 16QAM - RB Size/Offset (1/0)



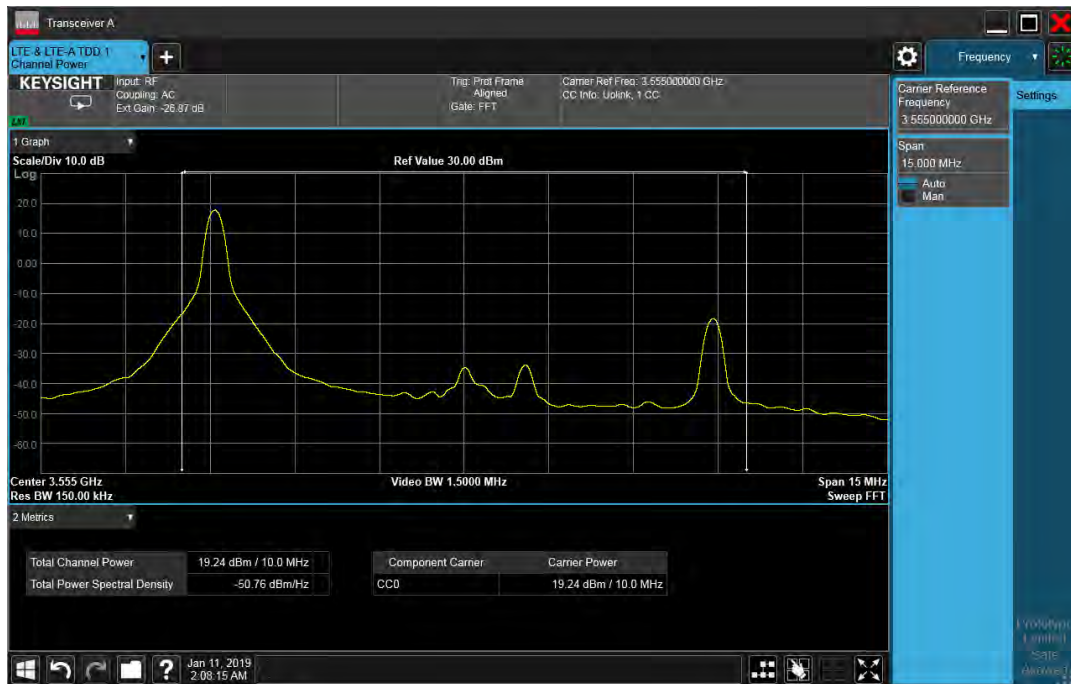
LTE CA intra-band 48 / 25(10+15) / 15MHz(SCC) / 16QAM - RB Size/Offset (1/74)



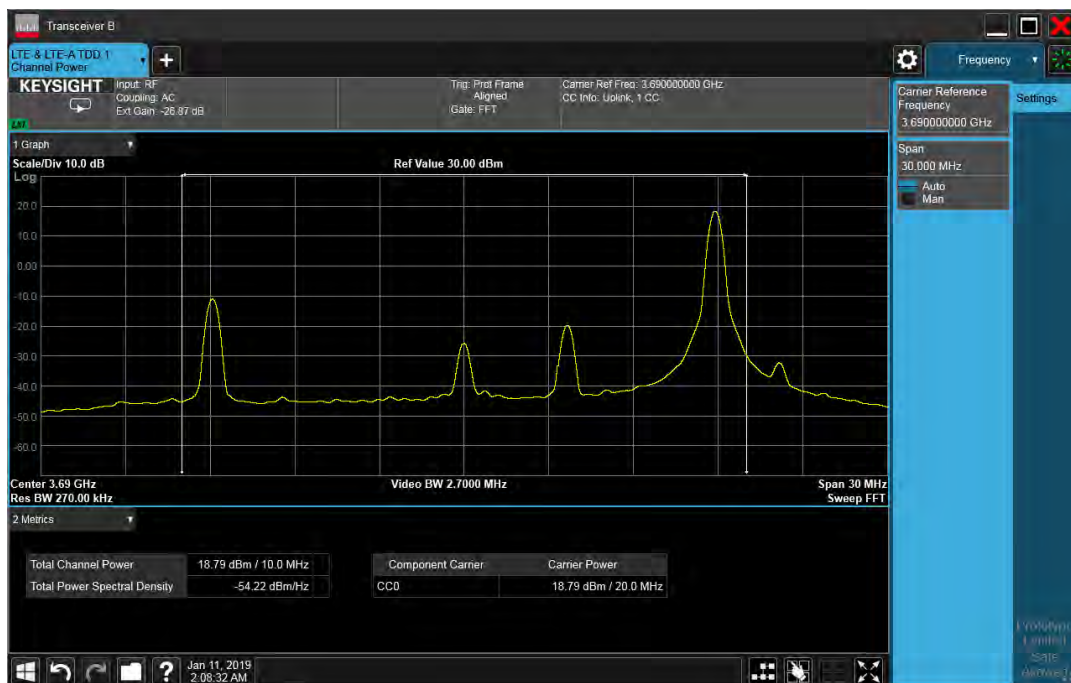
LTE CA intra-band 48 / 25(15+10) / 15MHz(PCC) / 16QAM - RB Size/Offset (1/0)



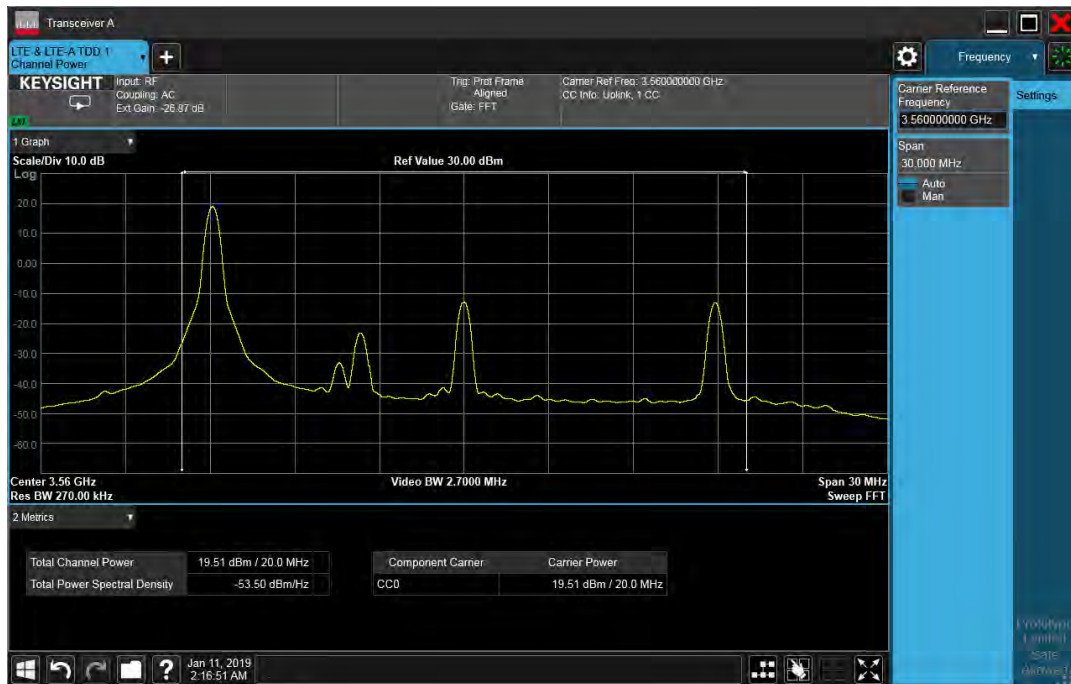
LTE CA intra-band 48 / 25(15+10) / 10MHz(SCC) / 16QAM - RB Size/Offset (1/49)



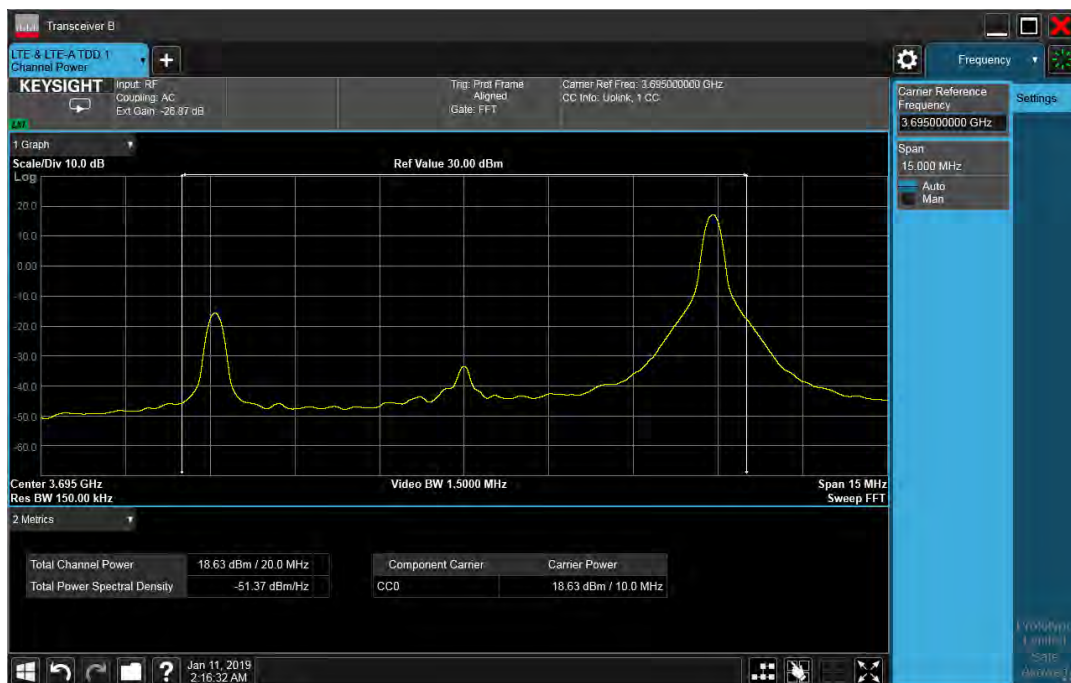
LTE CA intra-band 48 / 30(10+20) / 10MHz(PCC) / 16QAM - RB Size/Offset (1/0)



LTE CA intra-band 48 / 30(10+20) / 20MHz(SCC) / 16QAM - RB Size/Offset (1/99)



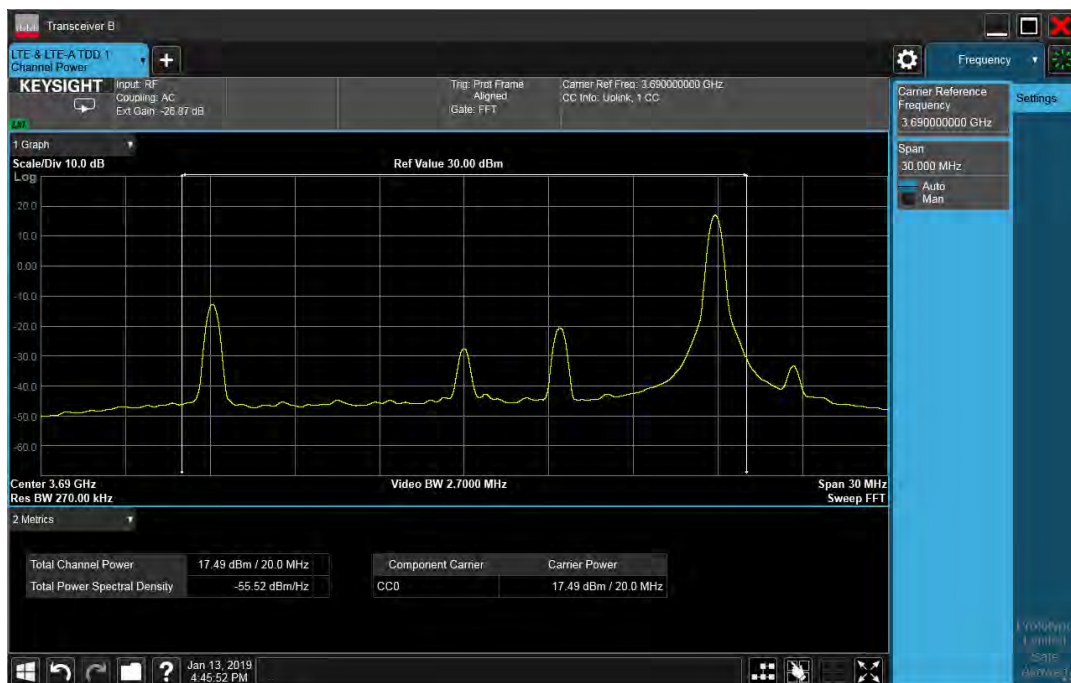
LTE CA intra-band 48 / 30(20+10) / 20MHz(PCC) / 64QAM - RB Size/Offset (1/0)



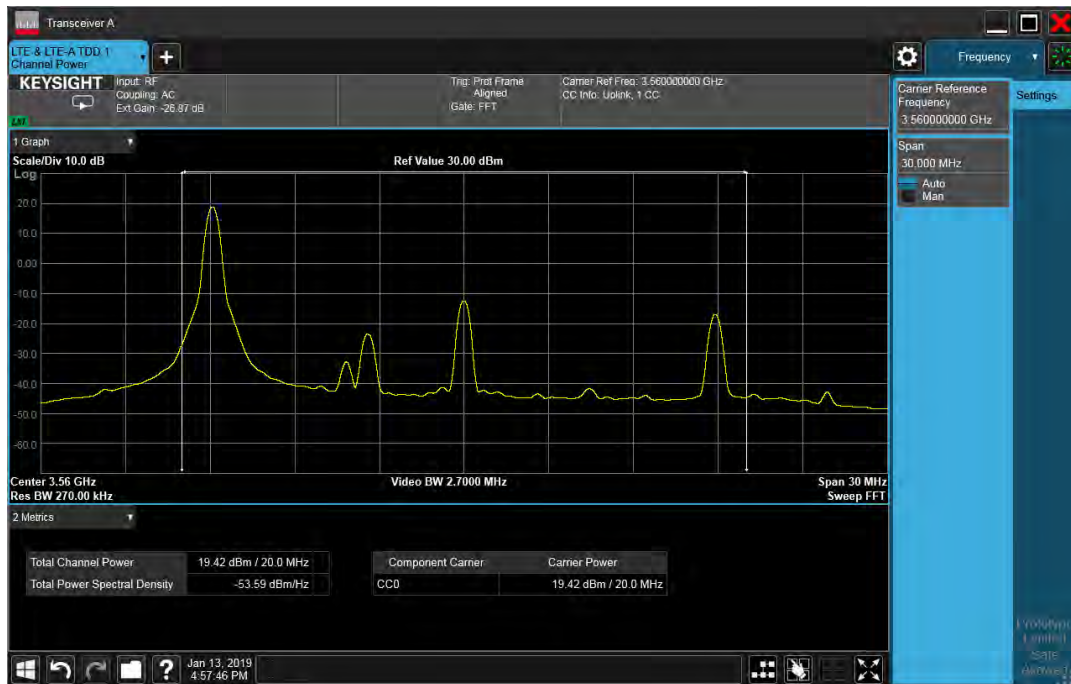
LTE CA intra-band 48 / 30(20+10) / 10MHz(SCC) / 64QAM - RB Size/Offset (1/49)



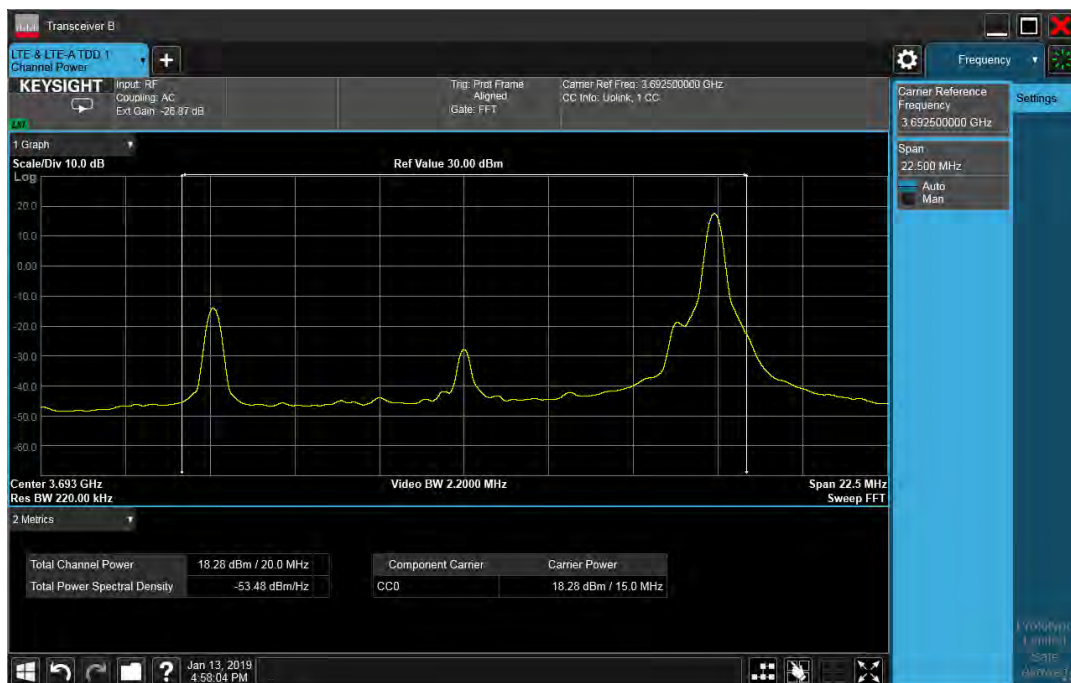
LTE CA intra-band 48 / 35(15+20) / 15MHz(PCC) / 16QAM - RB Size/Offset (1/0)



LTE CA intra-band 48 / 35(15+20) / 20MHz(SCC) / 16QAM - RB Size/Offset (1/99)



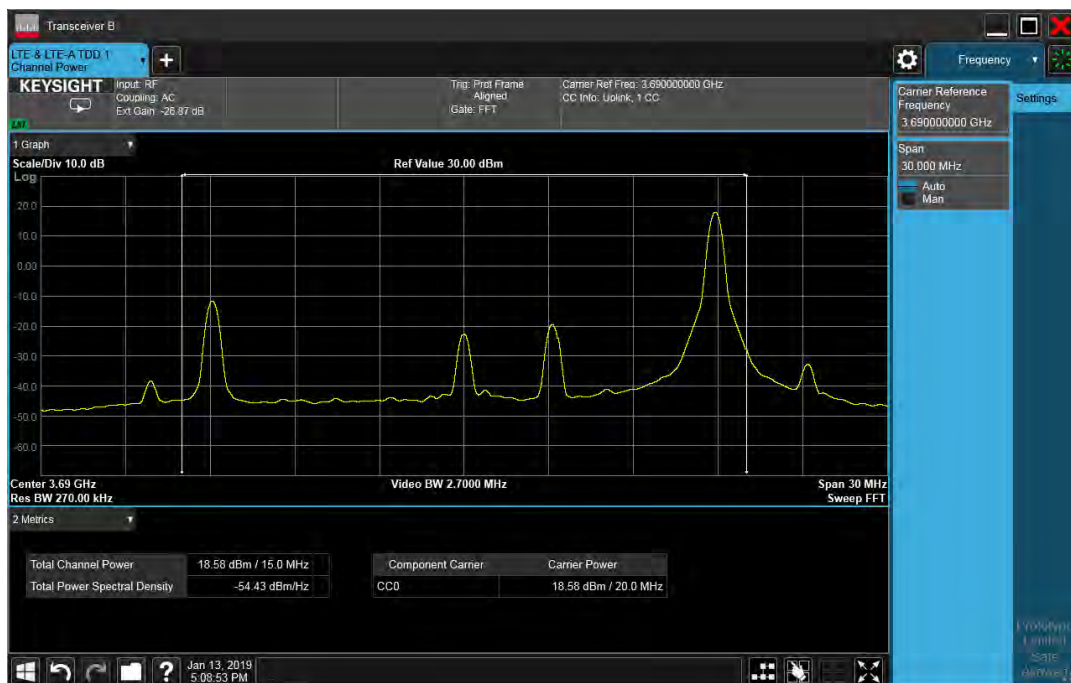
LTE CA intra-band 48 / 35(20+15) / 20MHz(PCC) / 16QAM - RB Size/Offset (1/0)



LTE CA intra-band 48 / 35(20+15) / 15MHz(SCC) / 16QAM - RB Size/Offset (1/74)



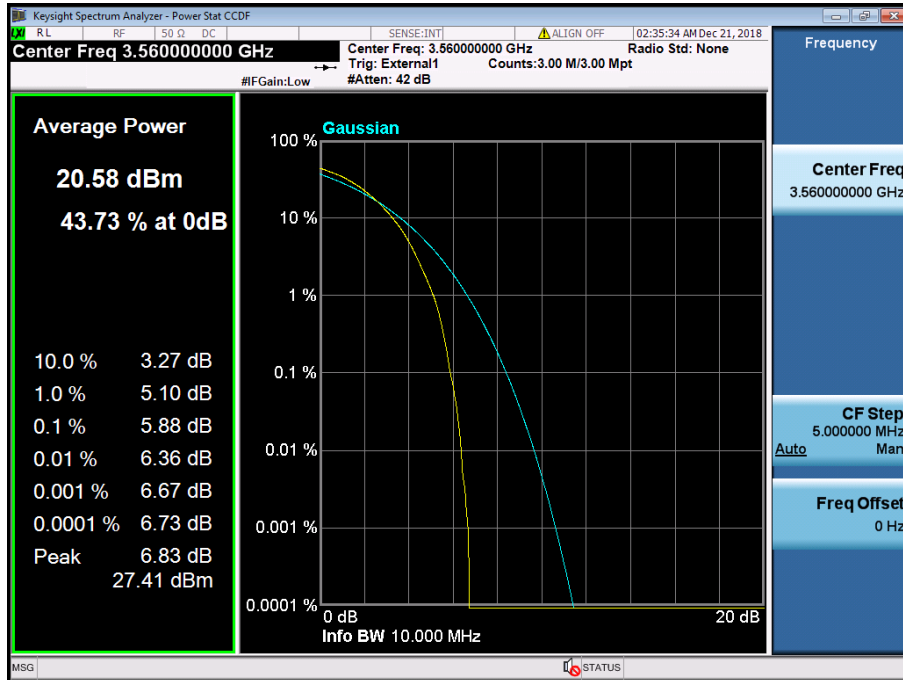
LTE CA intra-band 48 / 40(20+20) / 20MHz(PCC) / QPSK - RB Size/Offset (1/0)



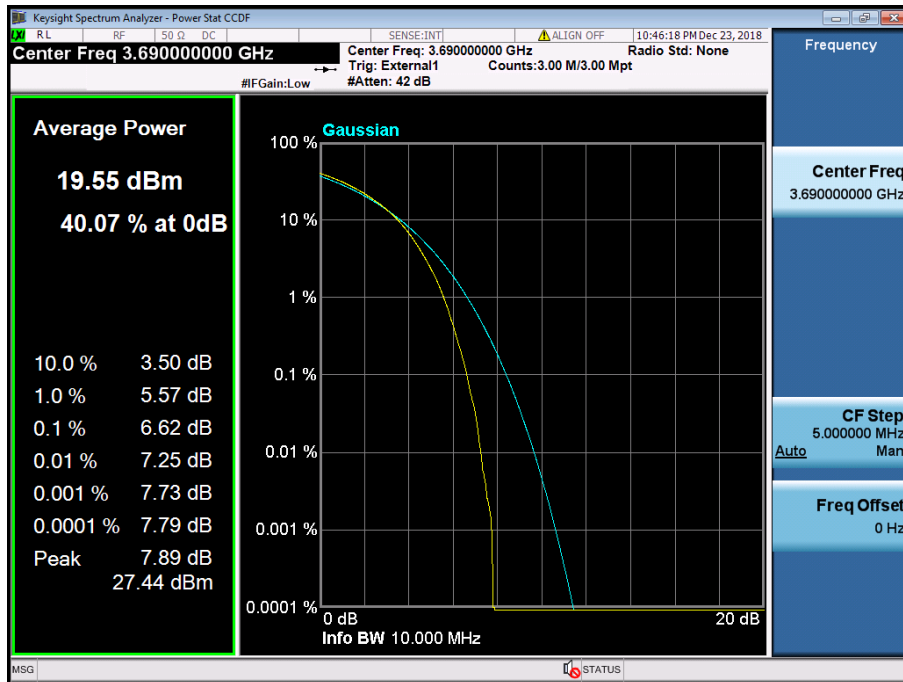
LTE CA intra-band 48 / 40(20+20) / 20MHz(SCC) / QPSK - RB Size/Offset (1/99)

8.3 PEAK TO AVERAGE RATIO

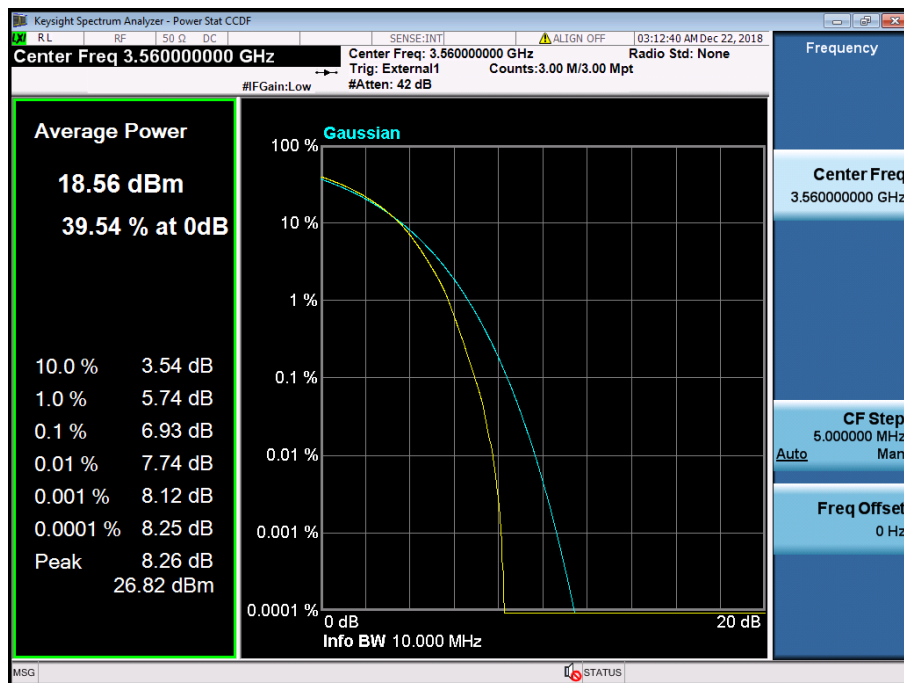
8.3.1 LTE Band 48 (Single Transmitting)



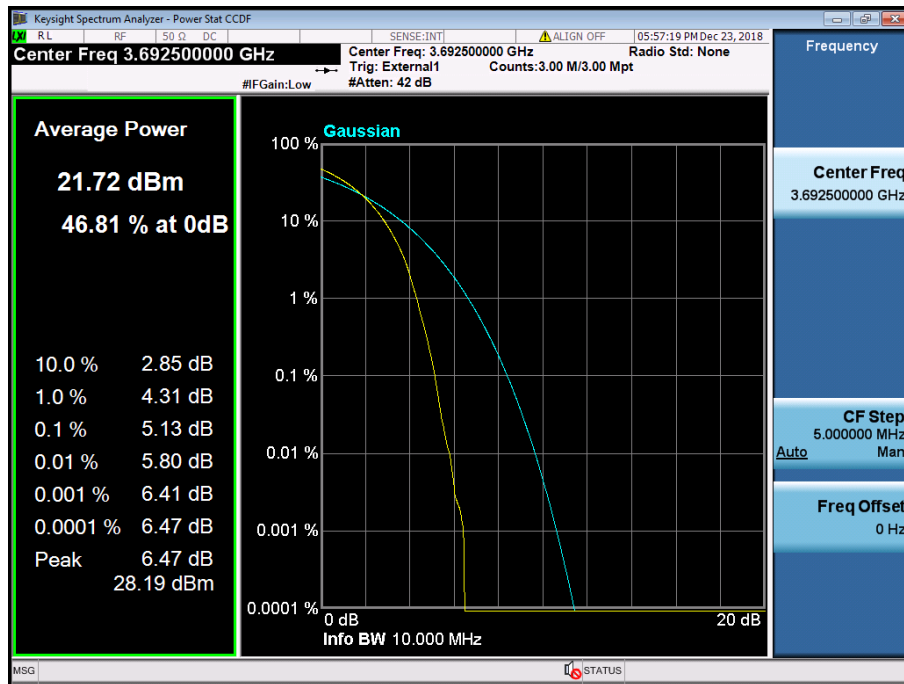
LTE Band 48 / 20 MHz / QPSK - RB Size 100



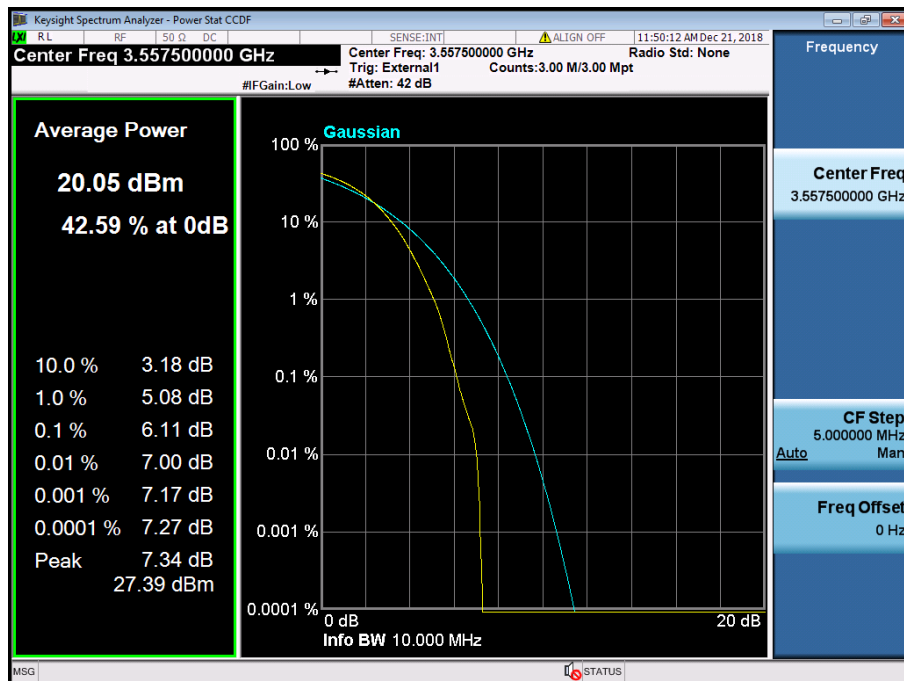
LTE Band 48 / 20 MHz / 16QAM - RB Size 100



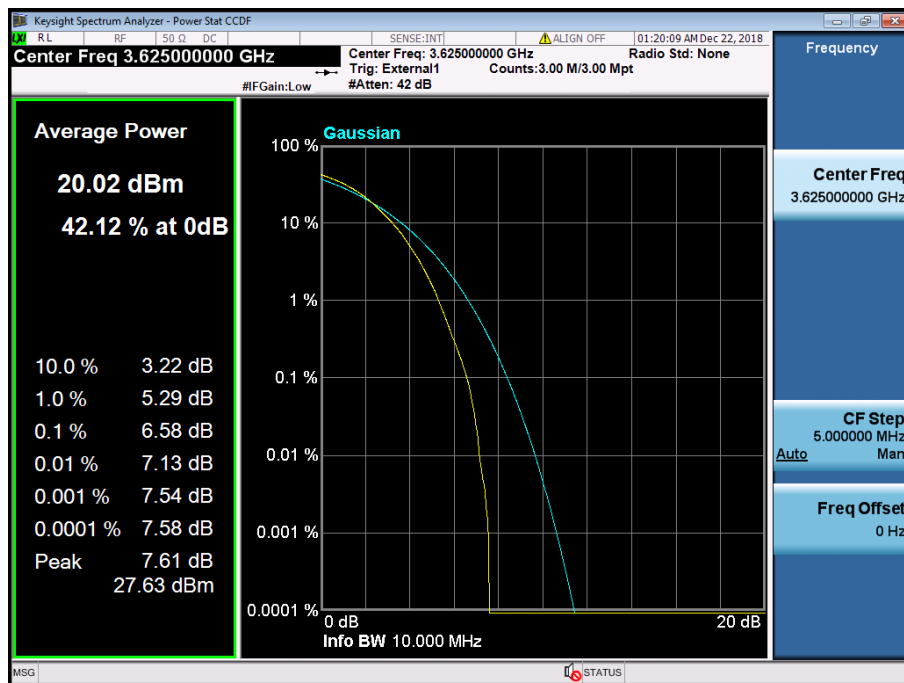
LTE Band 48 / 20 MHz / 64QAM - RB Size 100



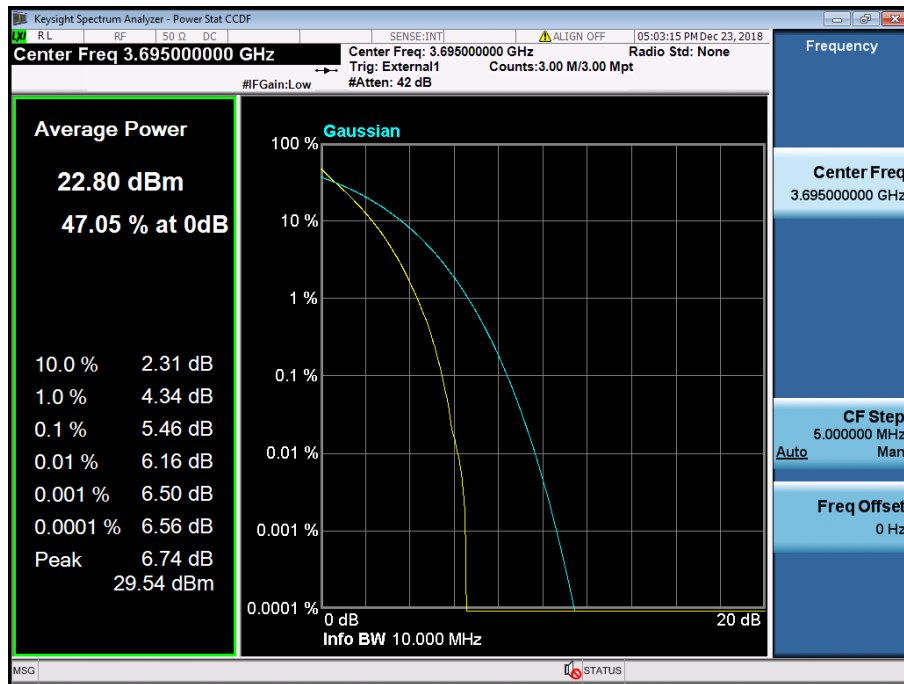
LTE Band 48 / 15 MHz / QPSK - RB Size 75



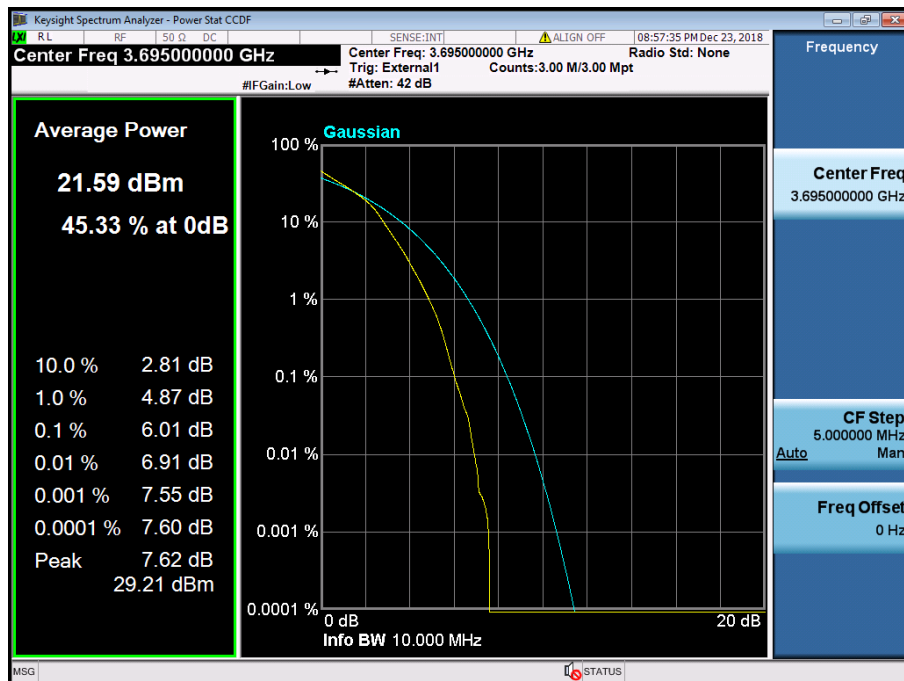
LTE Band 48 / 15 MHz / 16QAM - RB Size 75



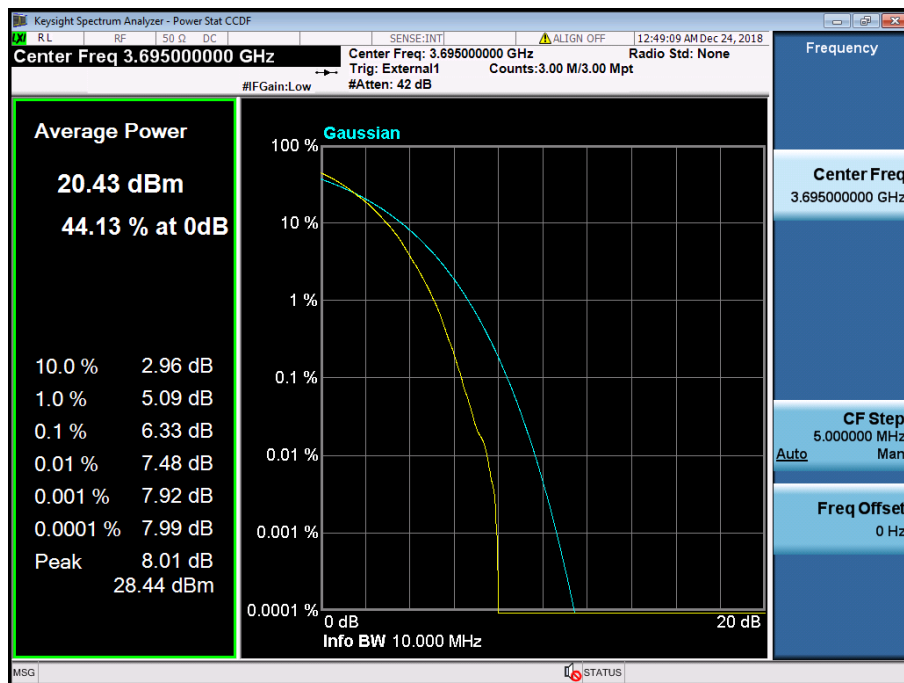
LTE Band 48 / 15 MHz / 64QAM - RB Size 75



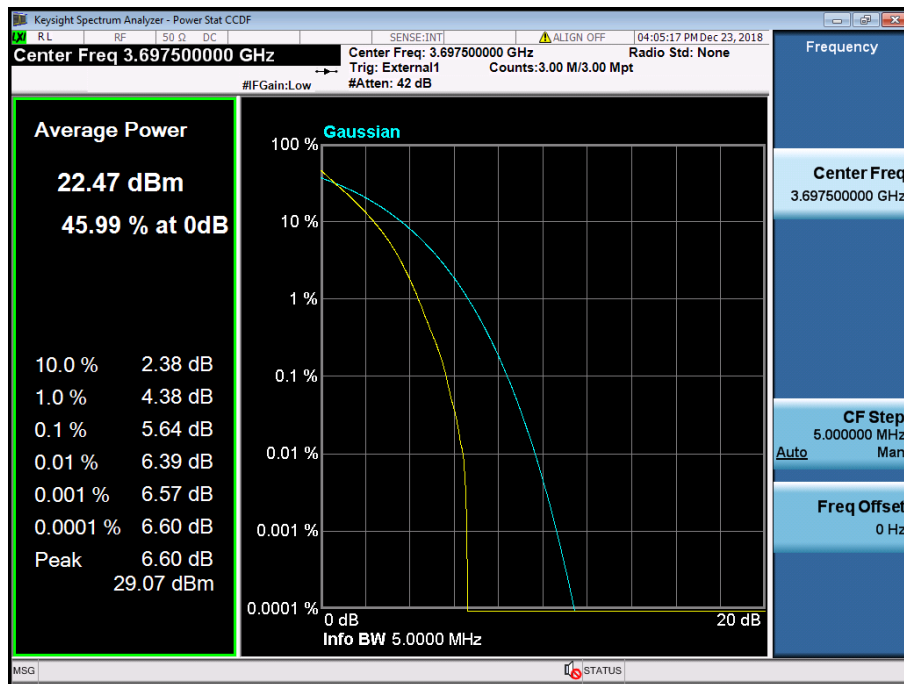
LTE Band 48 / 10 MHz / QPSK - RB Size 50



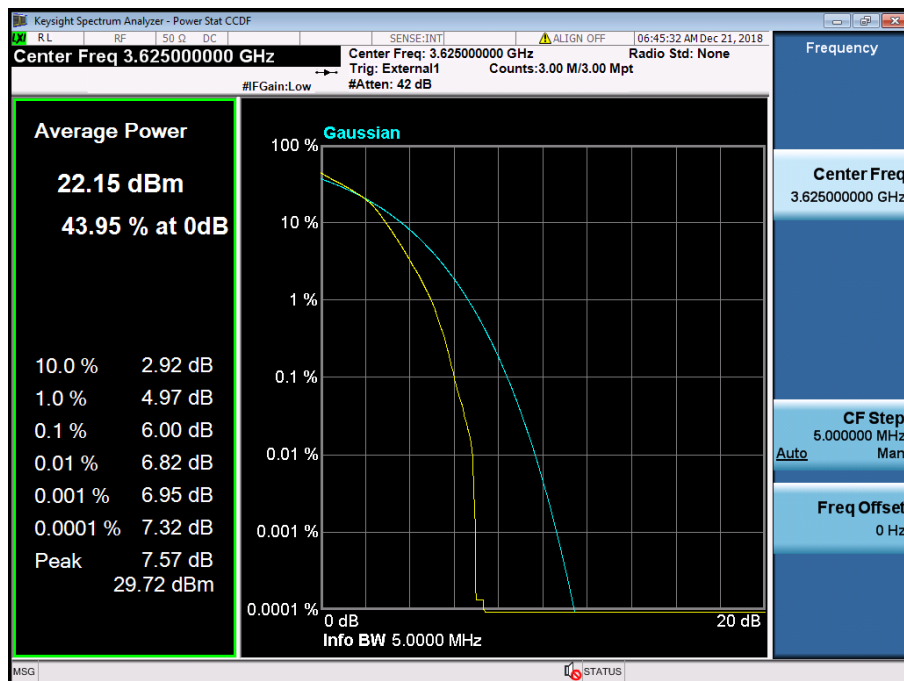
LTE Band 48 / 10 MHz / 16QAM - RB Size 50



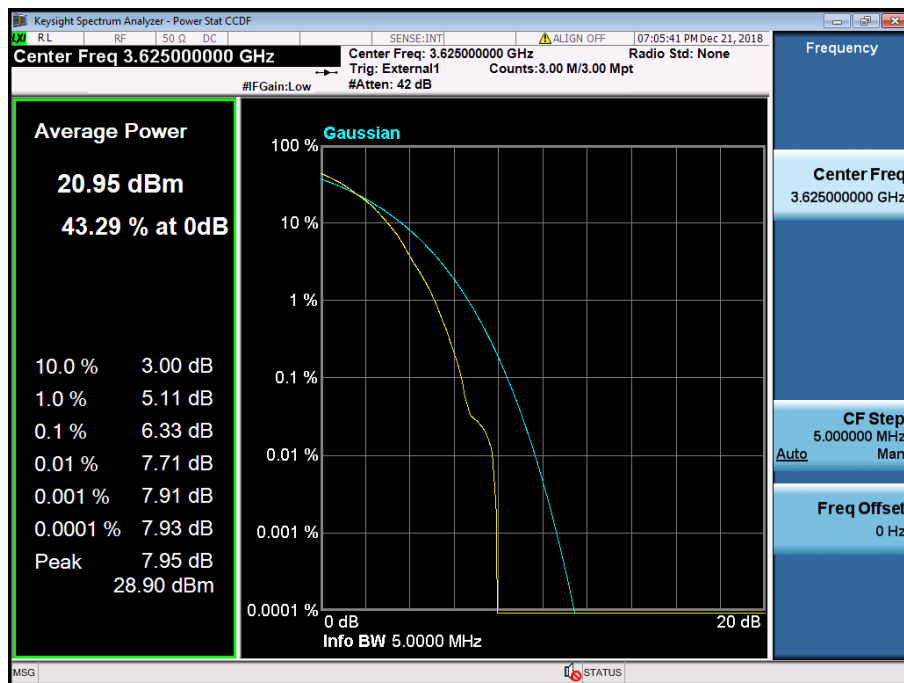
LTE Band 48 / 10 MHz / 64QAM - RB Size 50



LTE Band 48 / 5 MHz / QPSK - RB Size 25



LTE Band 48 / 5 MHz / 16QAM - RB Size 25

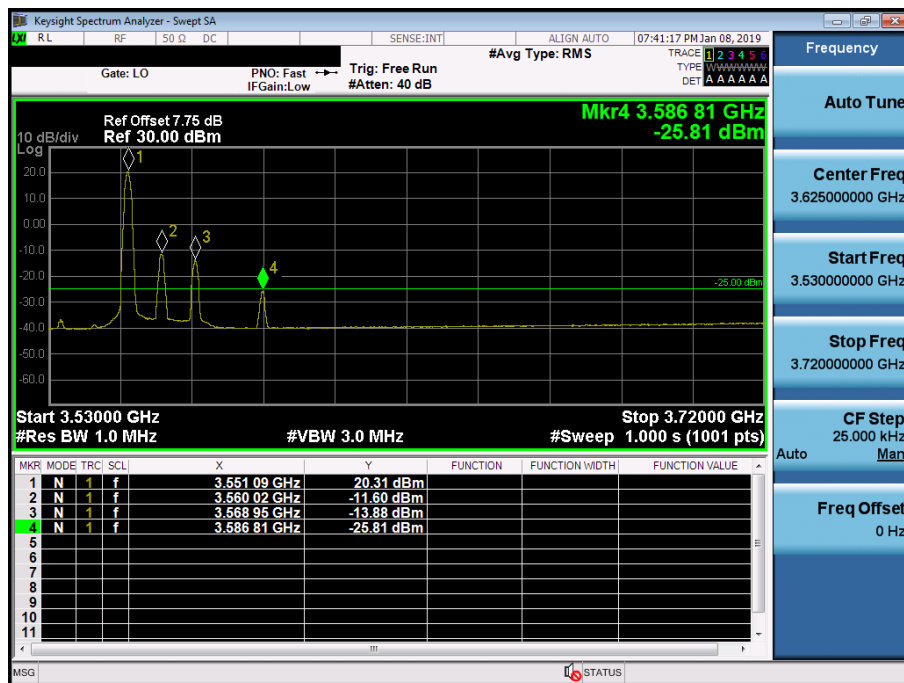


LTE Band 48 / 5 MHz / 64QAM - RB Size 25

8.4 BAND EDGE EMISSIONS(Conducted)

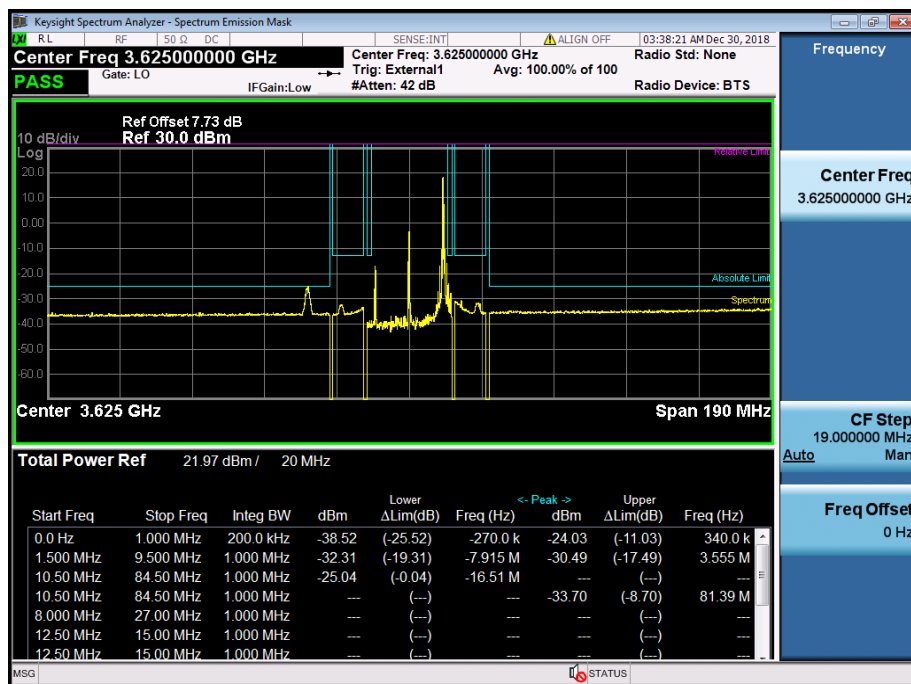
8.4.1 LTE Band 48 (Single Transmitting)

- Lower Band Edge



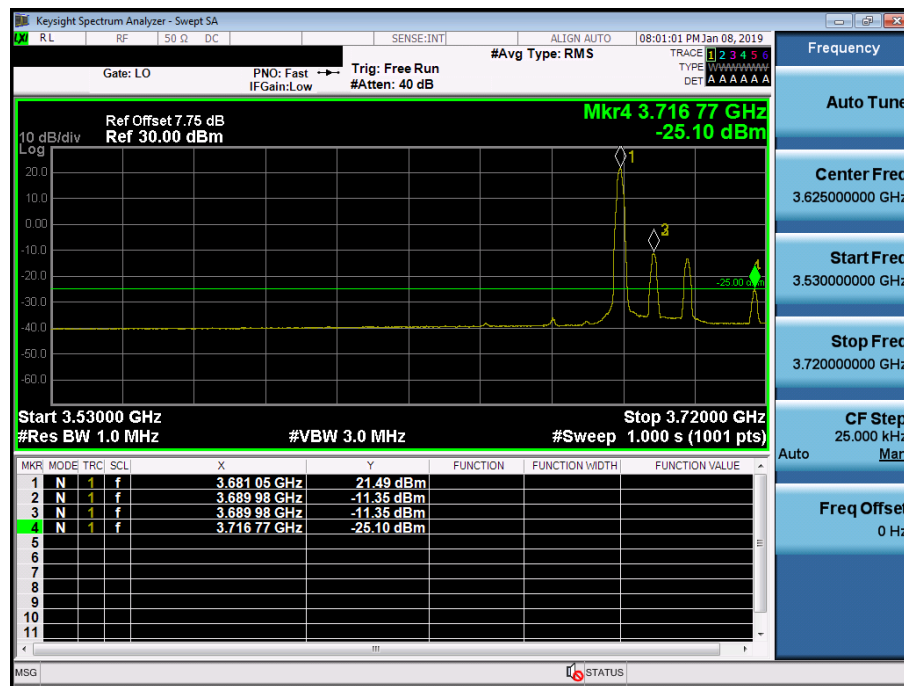
LTE Band 48 / 20 MHz / 16QAM - RB Size/Offset (1/0)

- Mid Band Edge



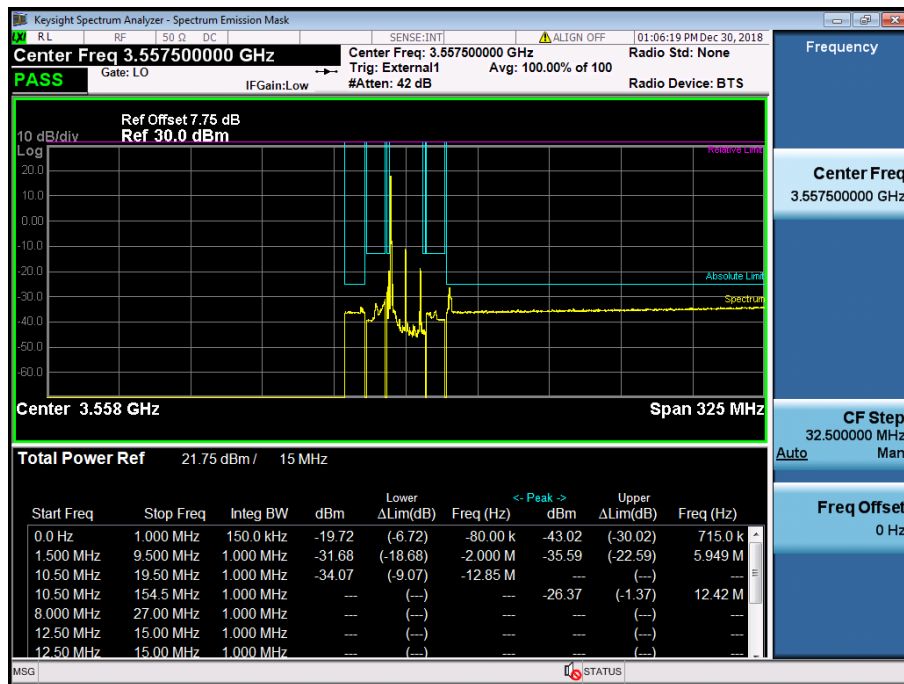
LTE Band 48 / 20 MHz / QPSK - RB Size/Offset (1/99)

- Upper Band Edge



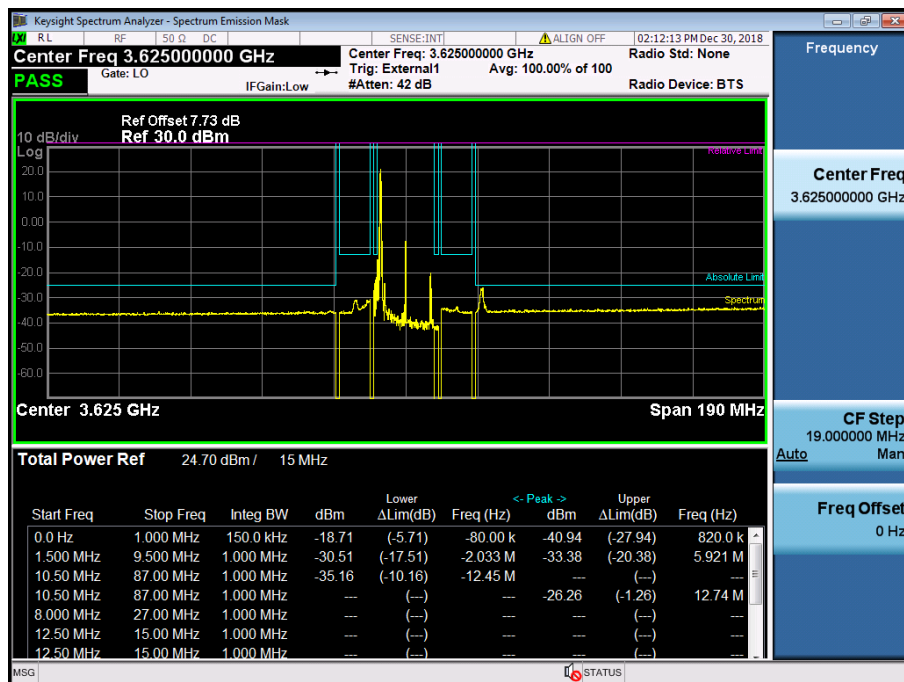
LTE Band 48 / 20 MHz / 16QAM - RB Size/Offset (1/0)

- Lower Band Edge



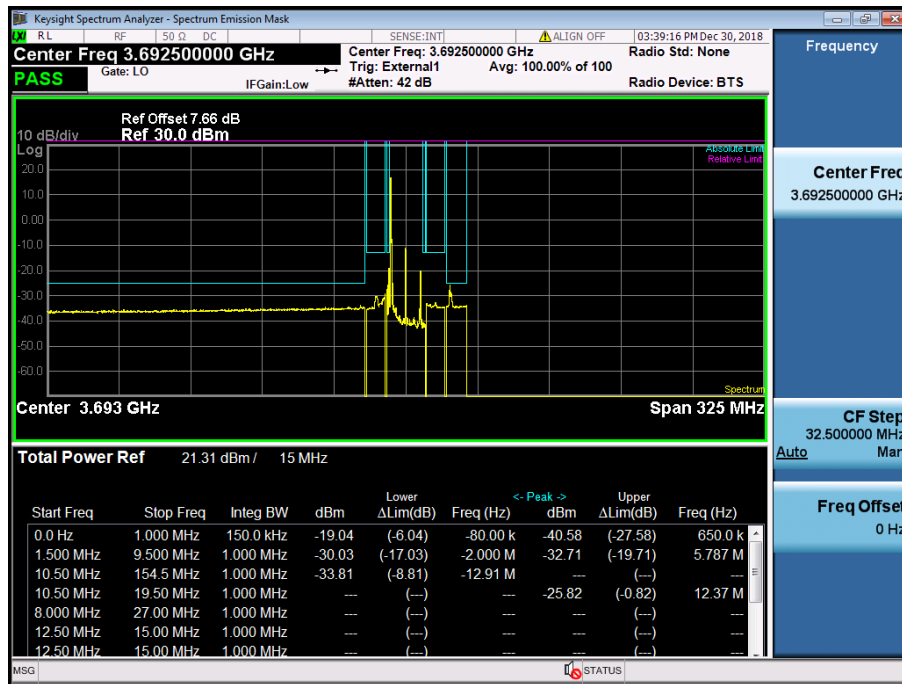
LTE Band 48 / 15 MHz / 16QAM - RB Size/Offset (1/0)

- Mid Band Edge



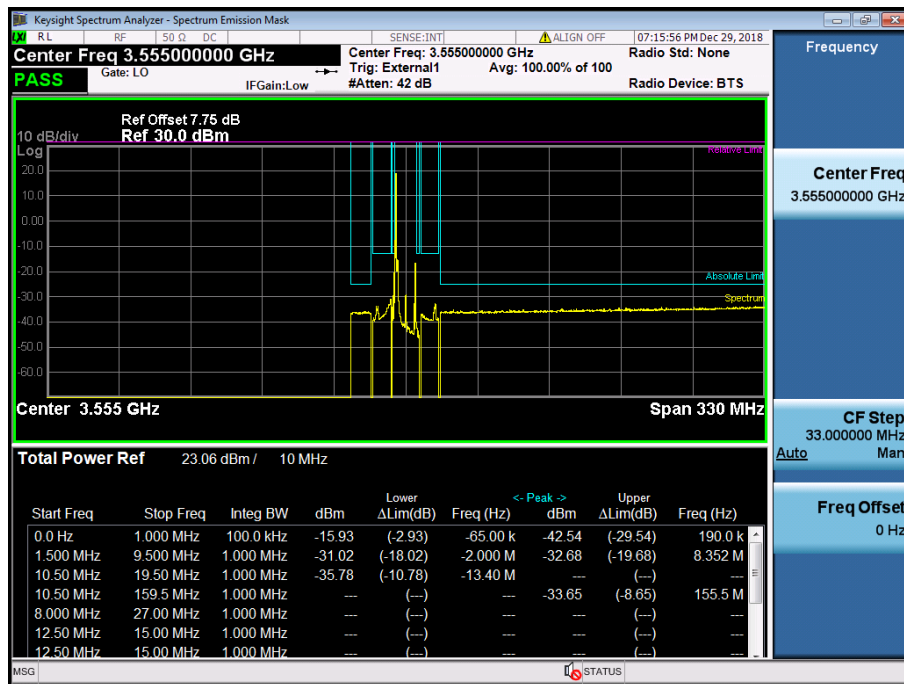
LTE Band 48 / 15 MHz / 16QAM - RB Size/Offset (1/0)

- Upper Band Edge



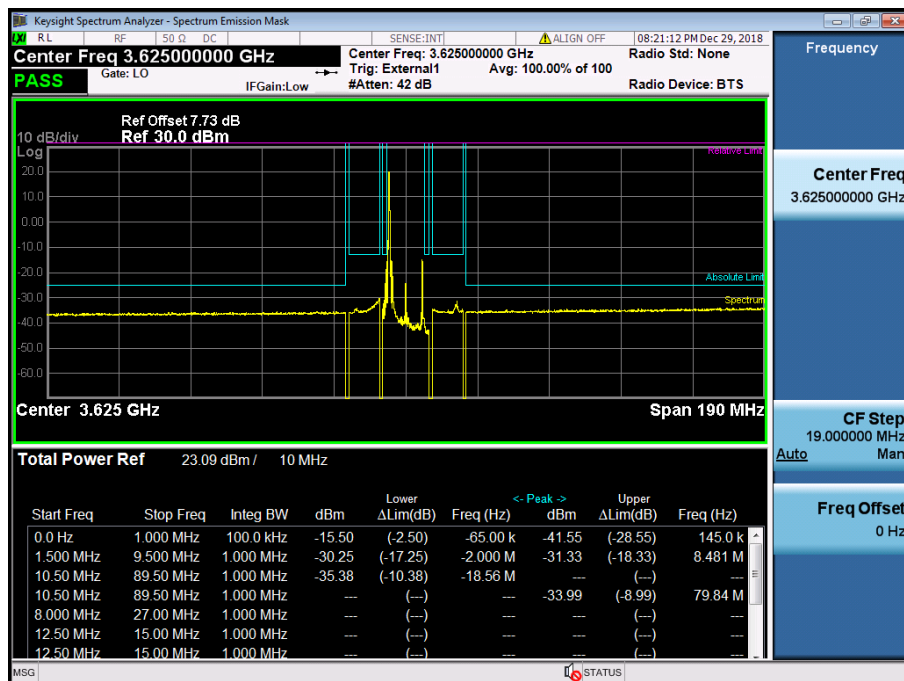
LTE Band 48 / 15 MHz / 64QAM - RB Size/Offset (1/0)

- Lower Band Edge



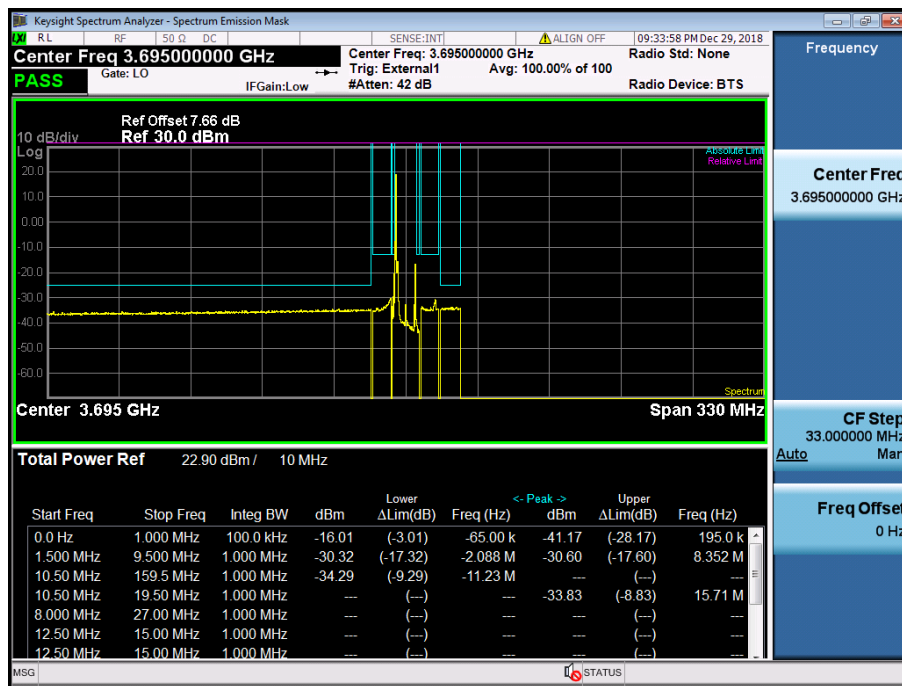
LTE Band 48 / 10 MHz / QPSK - RB Size/Offset (1/0)

- Mid Band Edge



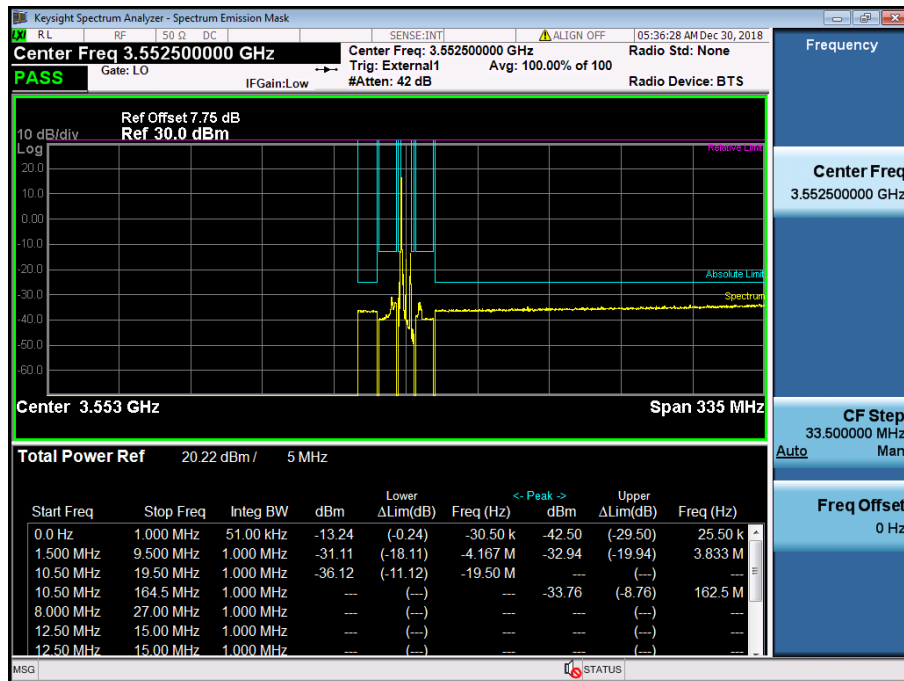
LTE Band 48 / 10 MHz / QPSK - RB Size/Offset (1/0)

- Upper Band Edge



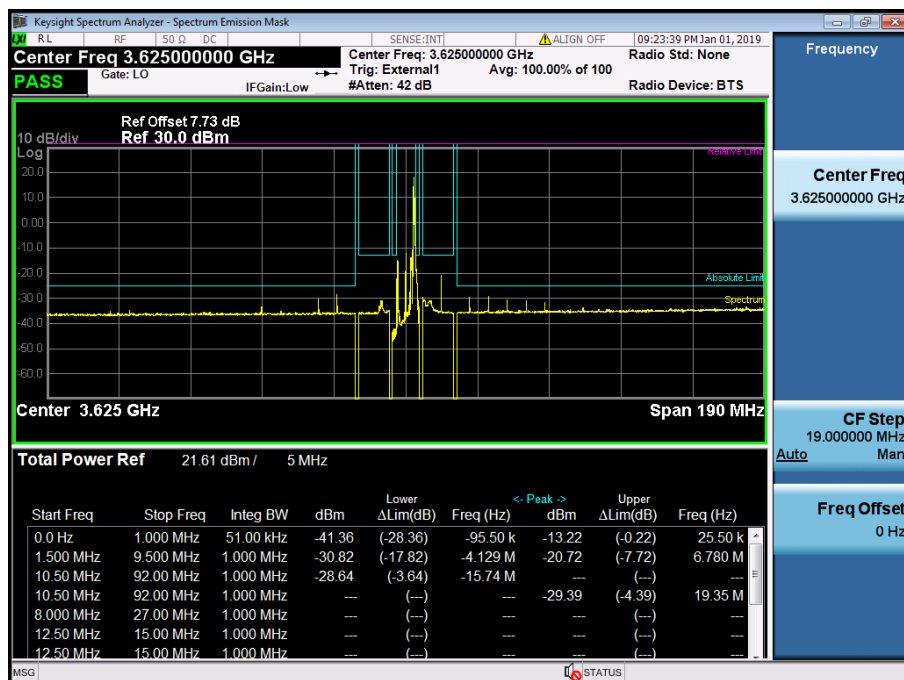
LTE Band 48 / 10 MHz / QPSK - RB Size/Offset (1/0)

- Lower Band Edge



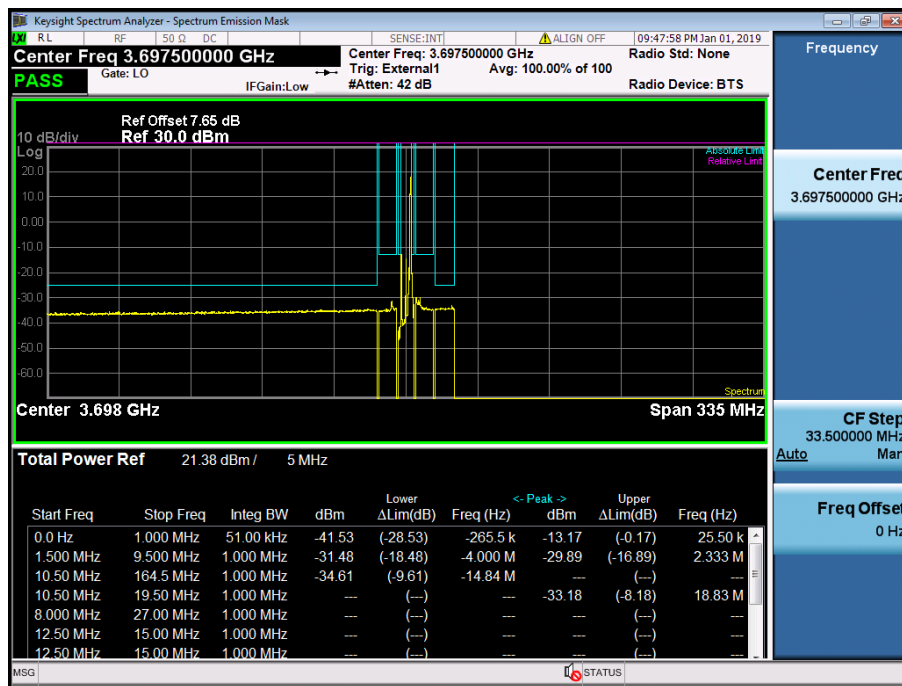
LTE Band 48 / 5 MHz / 16QAM - RB Size/Offset (1/0)

- Mid Band Edge



LTE Band 48 / 5 MHz / QPSK - RB Size/Offset (1/24)

- Upper Band Edge



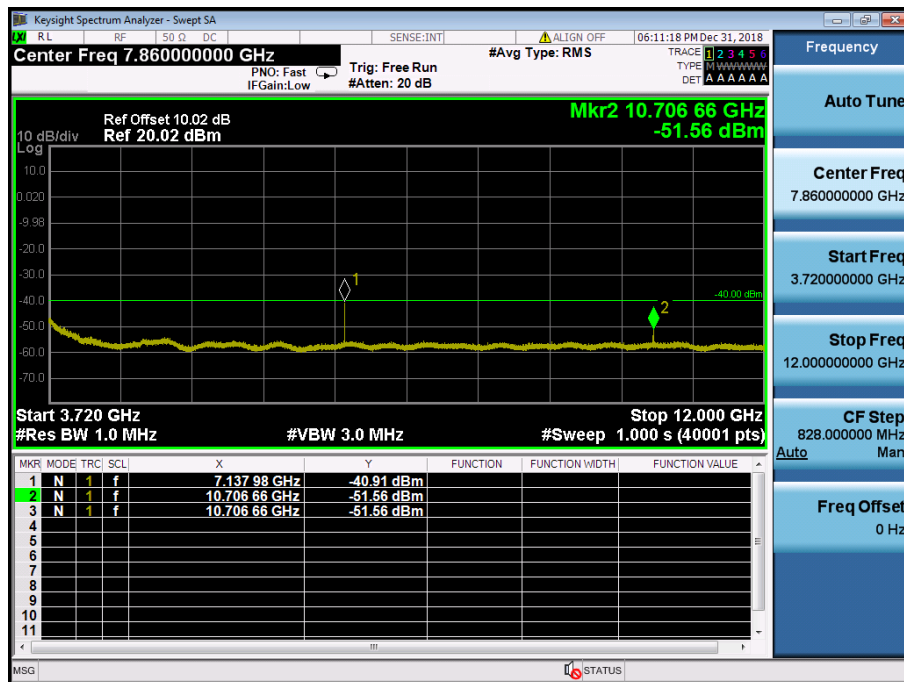
LTE Band 48 / 5 MHz / 64QAM - RB Size/Offset (1/24)

8.5 SPURIOUS AND HARMONICS EMISSIONS(Conducted)

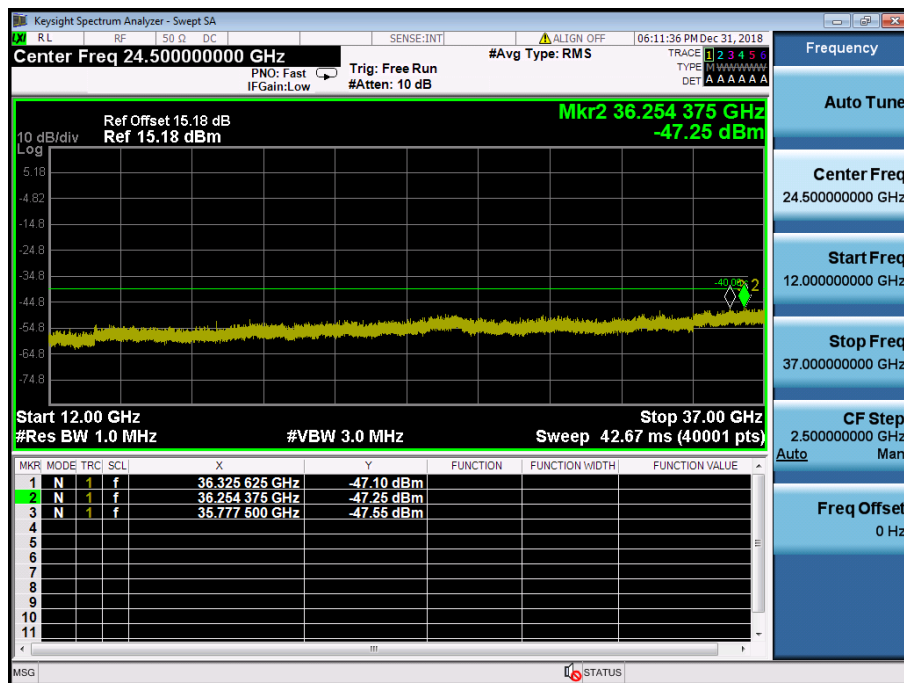
8.5.1 LTE Band 48 (Single Transmitting)



LTE Band 48 / 20 MHz / QPSK - RB Size/Offset (1/99) – Low Channel_1

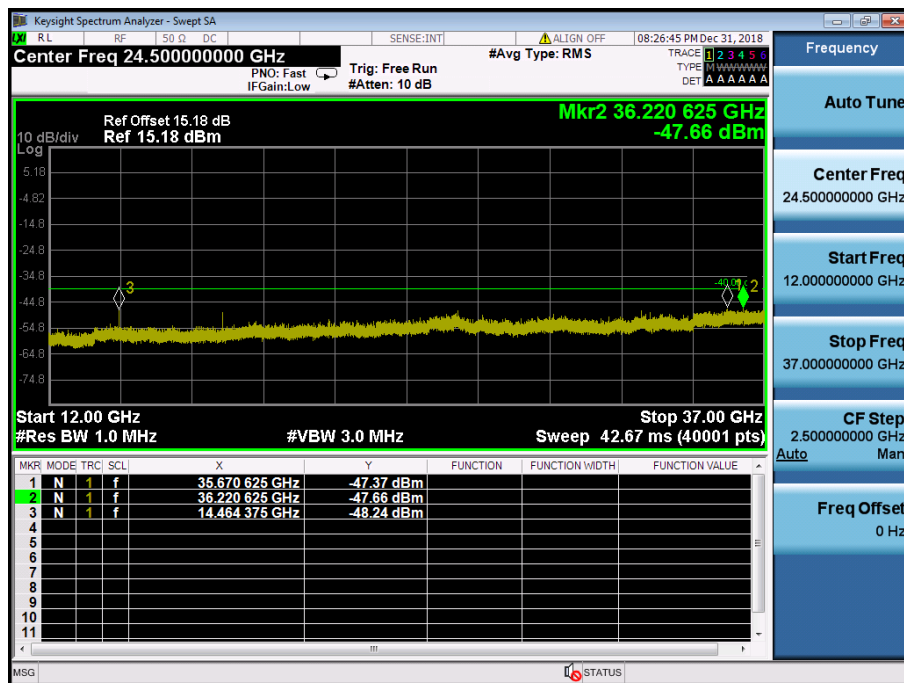


LTE Band 48 / 20 MHz / QPSK - RB Size/Offset (1/99) – Low Channel_2

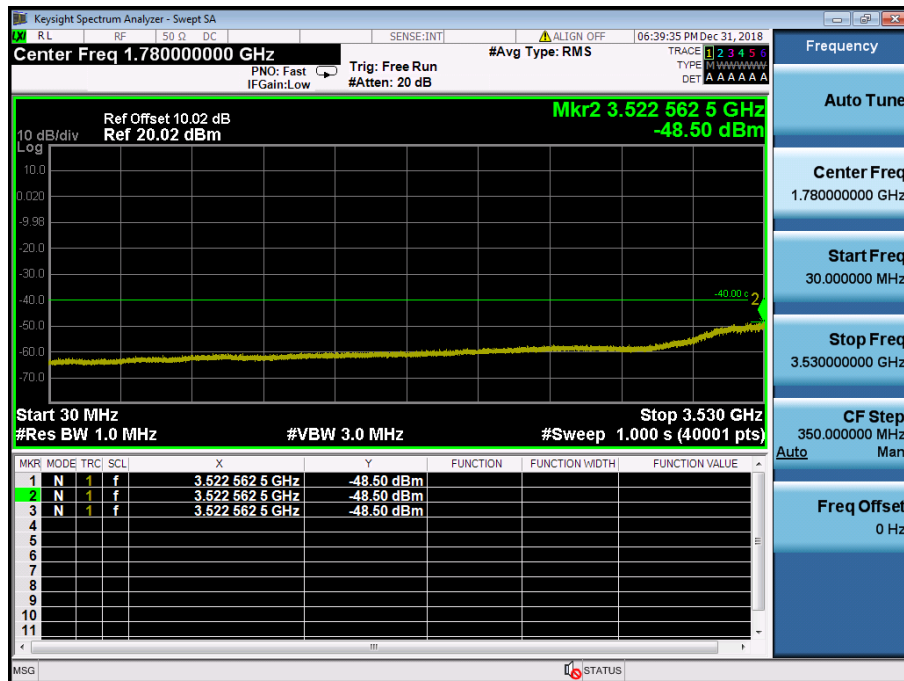


LTE Band 48 / 20 MHz / QPSK - RB Size/Offset (1/99) – Low Channel_3

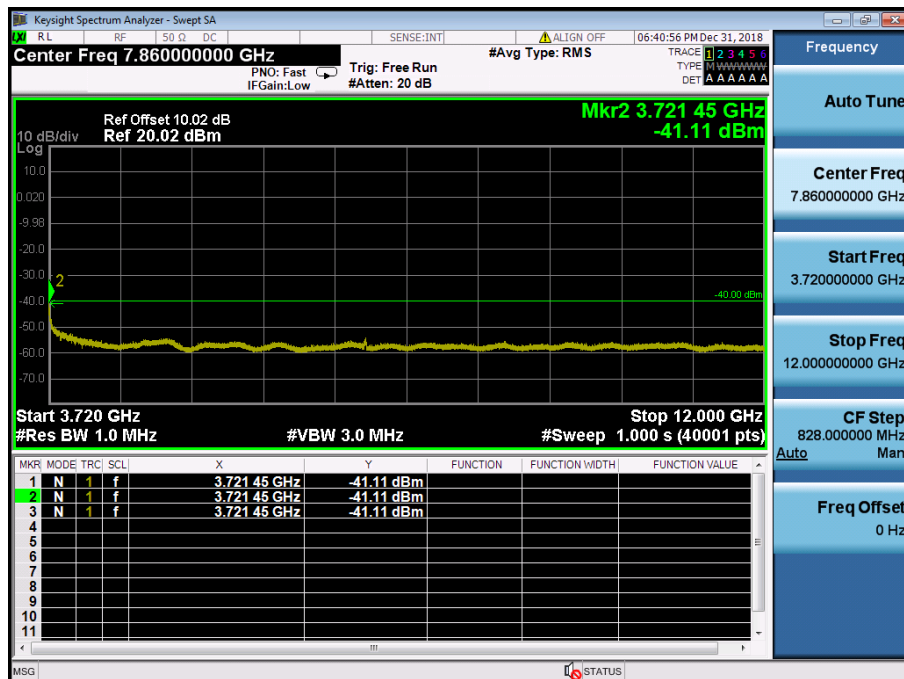




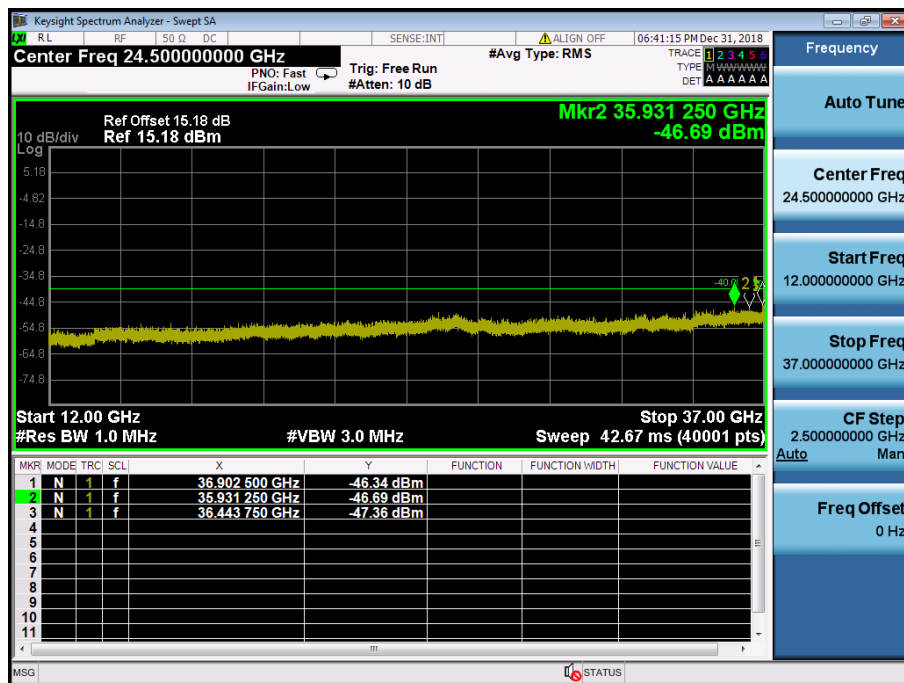
LTE Band 48 / 20 MHz / 16QAM - RB Size/Offset (1/0) – Mid Channel_3



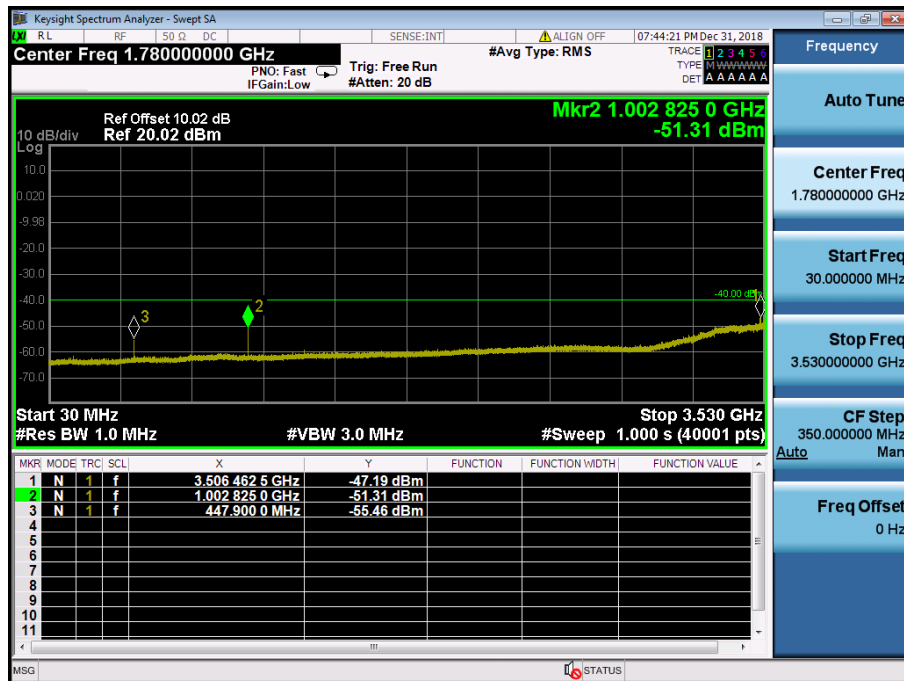
LTE Band 48 / 20 MHz / QPSK - RB Size/Offset (100/0) – High Channel_1



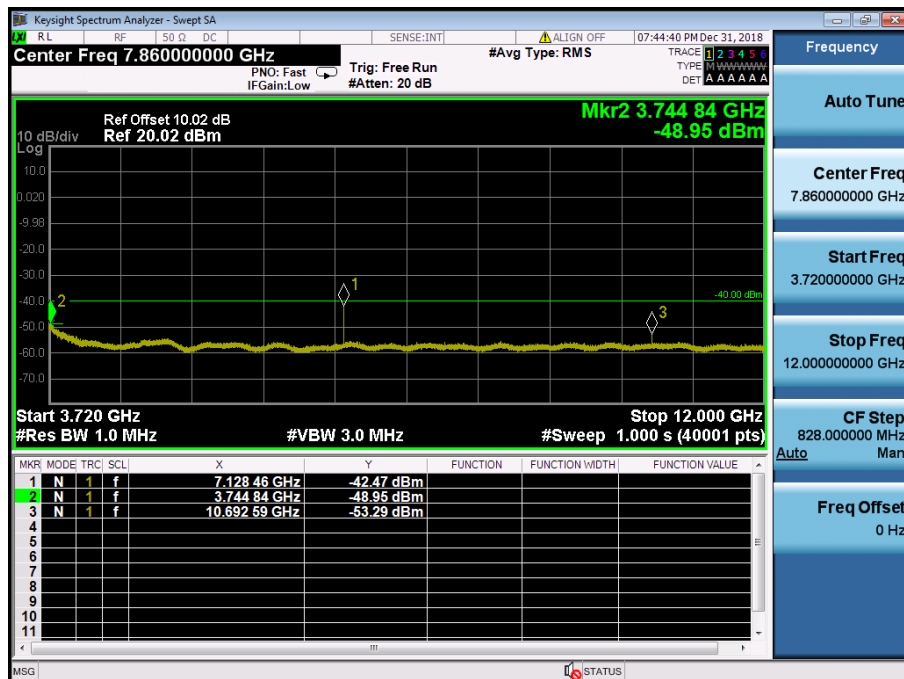
LTE Band 48 / 20 MHz / QPSK - RB Size/Offset (100/0) – High Channel_2



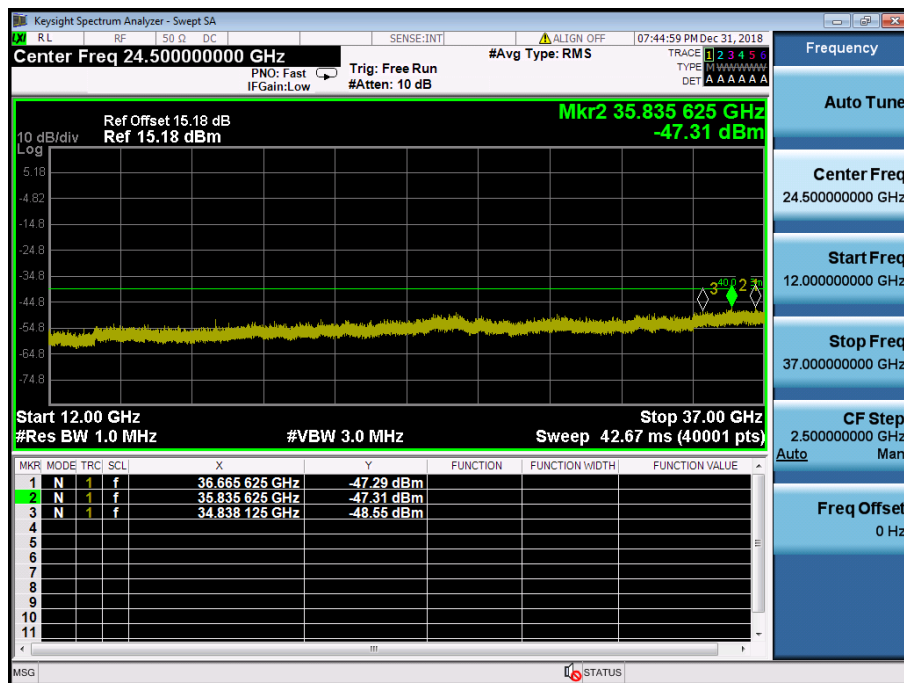
LTE Band 48 / 20 MHz / QPSK - RB Size/Offset (100/0) – High Channel_3



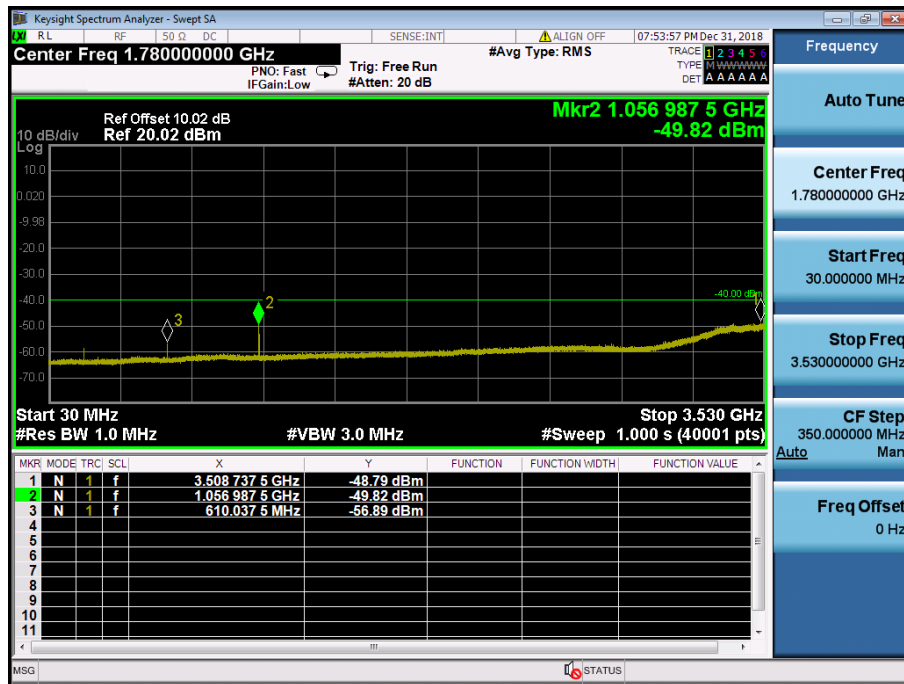
LTE Band 48 / 15 MHz / 16QAM - RB Size/Offset (1/74) – Low Channel_1



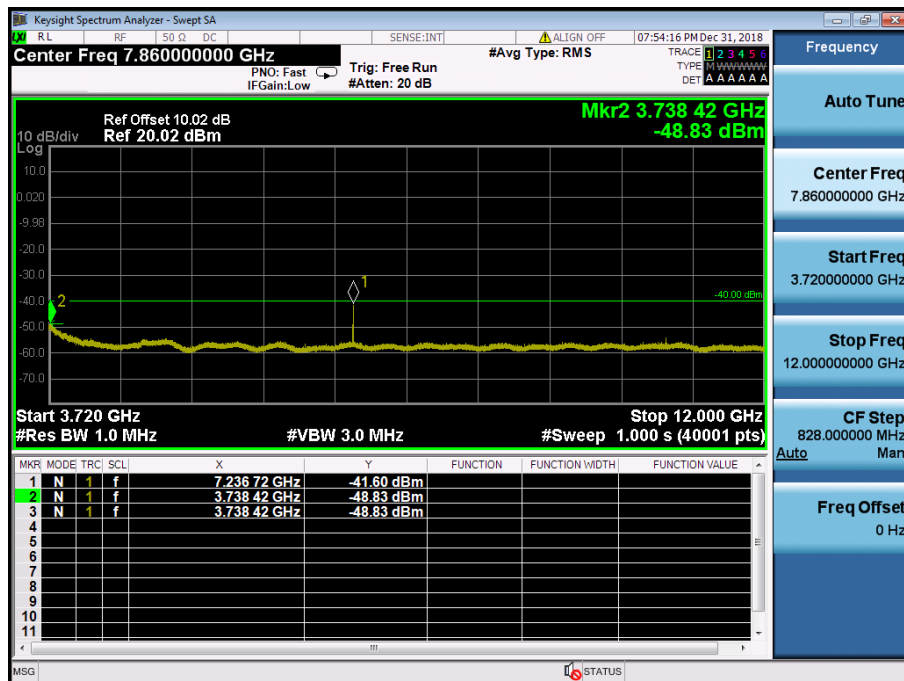
LTE Band 48 / 15 MHz / 16QAM - RB Size/Offset (1/74) – Low Channel_2



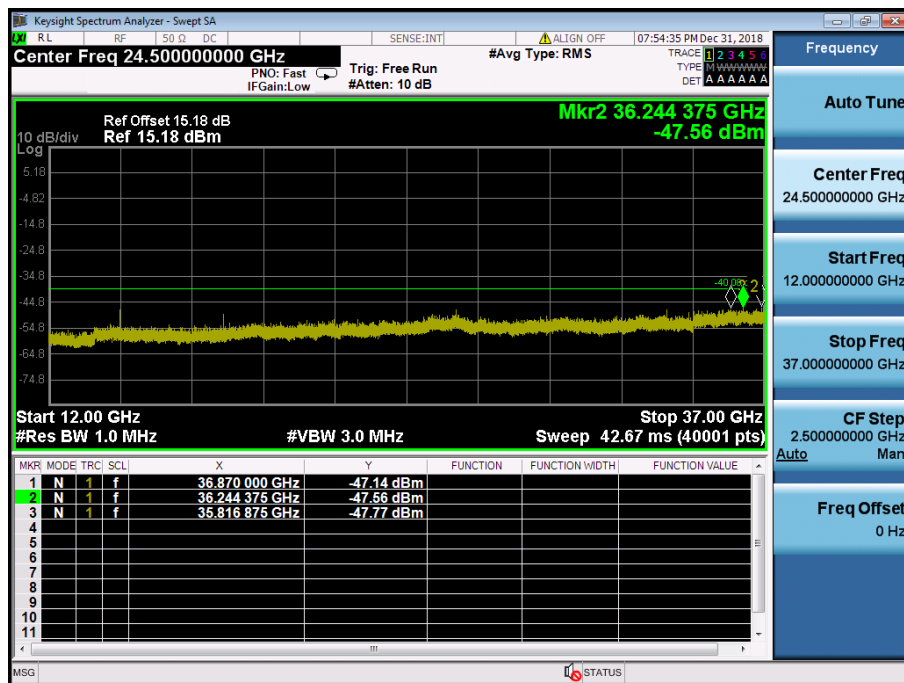
LTE Band 48 / 15 MHz / 16QAM - RB Size/Offset (1/74) – Low Channel_3



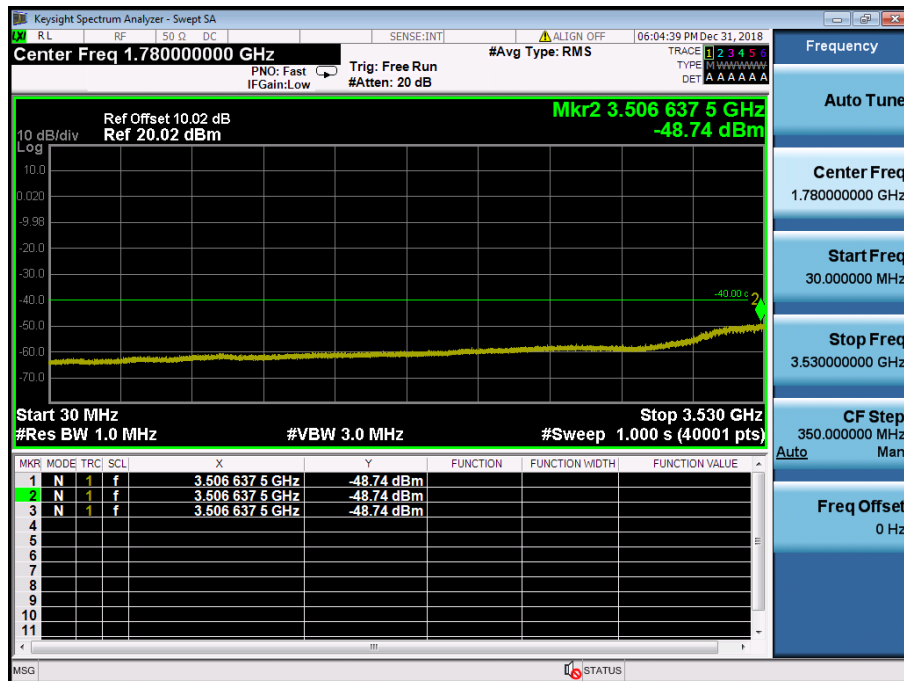
LTE Band 48 / 15 MHz / 16QAM - RB Size/Offset (1/0) – Mid Channel_1



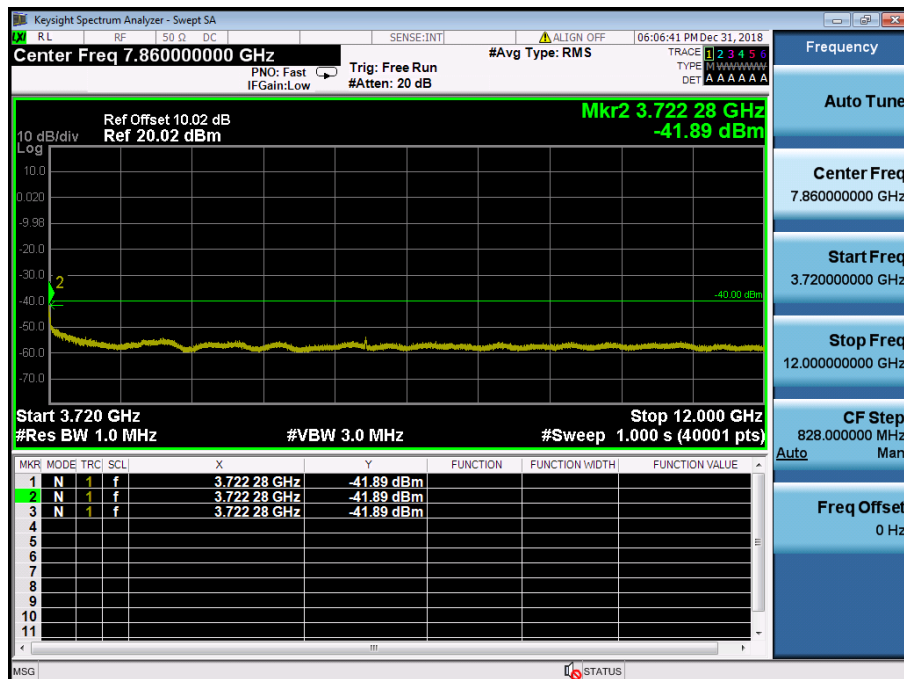
LTE Band 48 / 15 MHz / 16QAM - RB Size/Offset (1/0) – Mid Channel_2



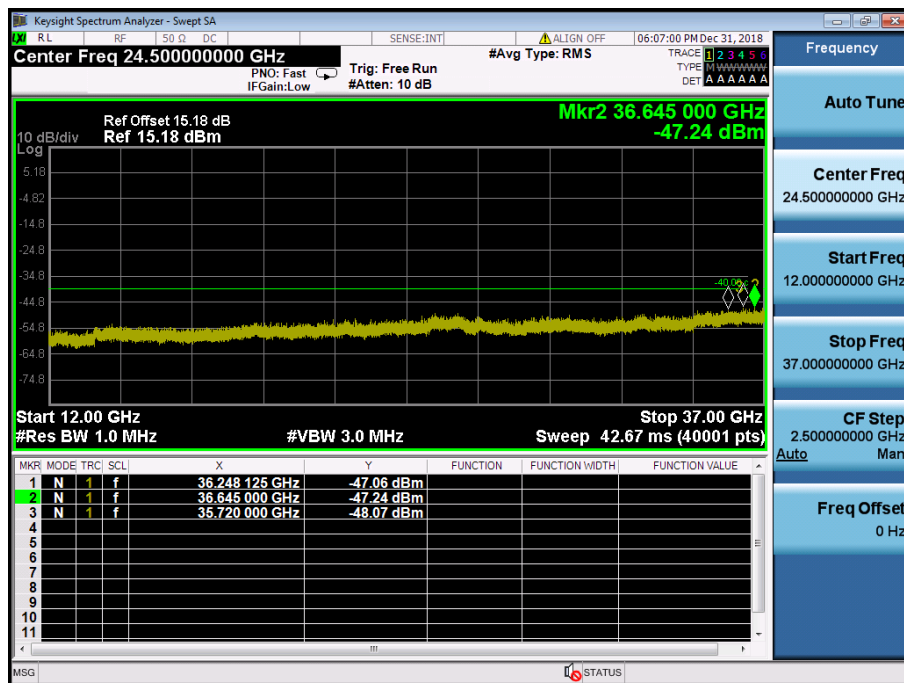
LTE Band 48 / 15 MHz / 16QAM - RB Size/Offset (1/0) – Mid Channel_3



LTE Band 48 / 15 MHz / QPSK - RB Size/Offset (75/0) – High Channel_1



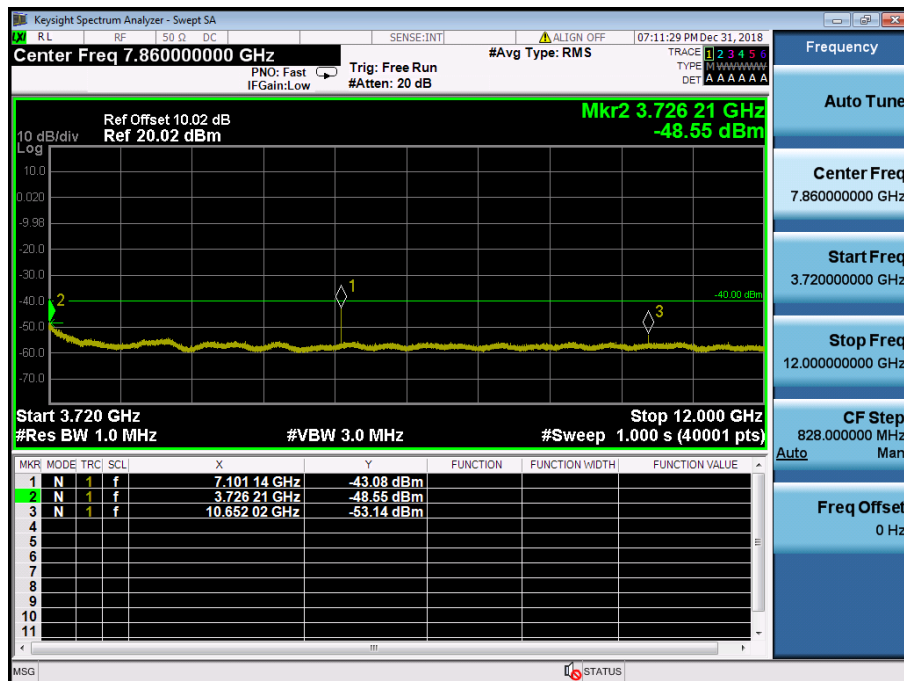
LTE Band 48 / 15 MHz / QPSK - RB Size/Offset (75/0) – High Channel_2



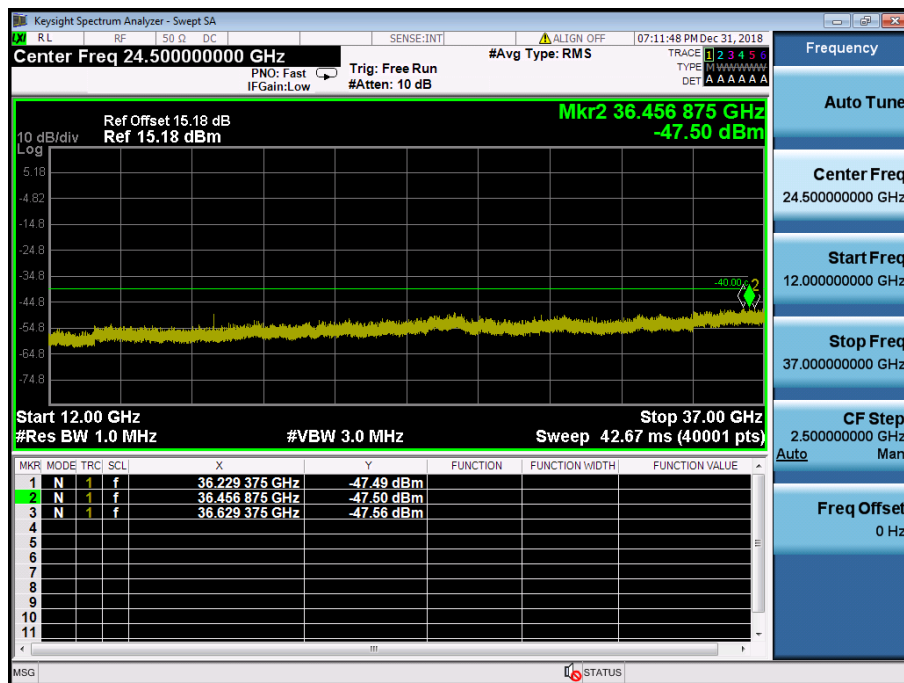
LTE Band 48 / 15 MHz / QPSK - RB Size/Offset (75/0) – High Channel_3



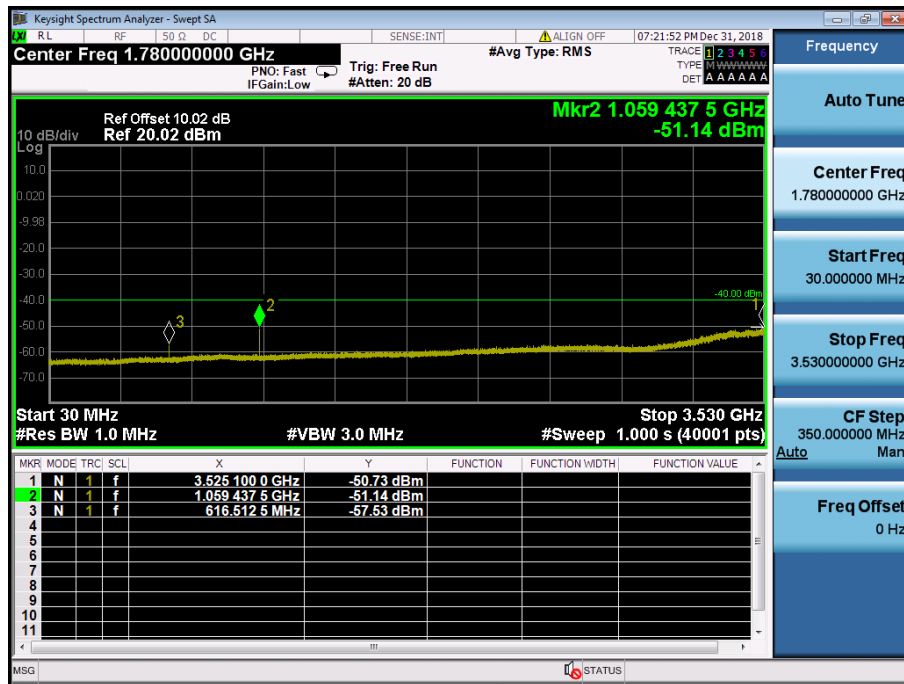
LTE Band 48 / 10 MHz / 16QAM - RB Size/Offset (1/0) – Low Channel_1



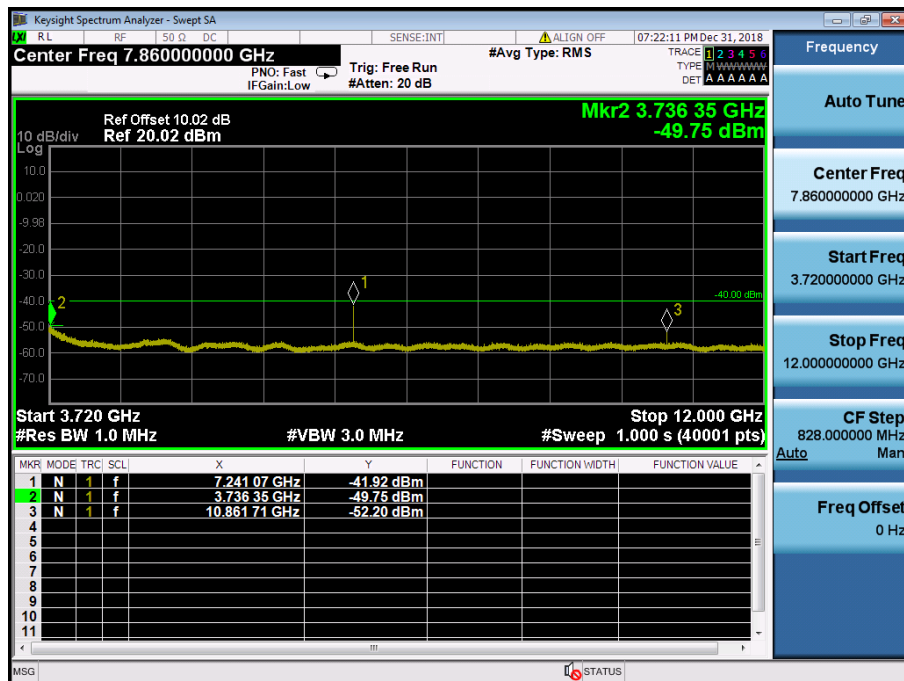
LTE Band 48 / 10 MHz / 16QAM - RB Size/Offset (1/0) – Low Channel_2



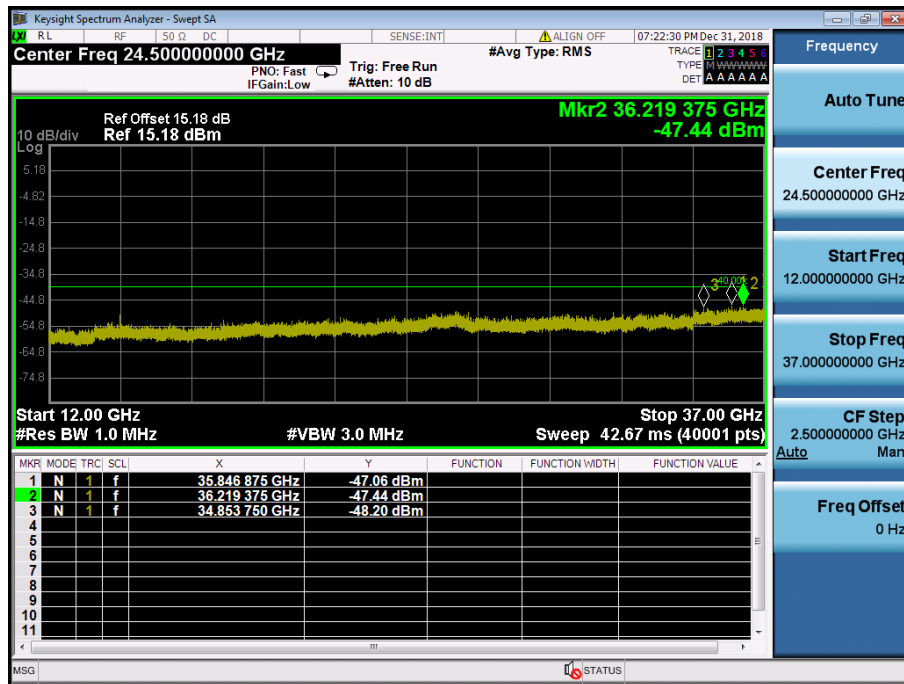
LTE Band 48 / 10 MHz / 16QAM - RB Size/Offset (1/0) – Low Channel_3



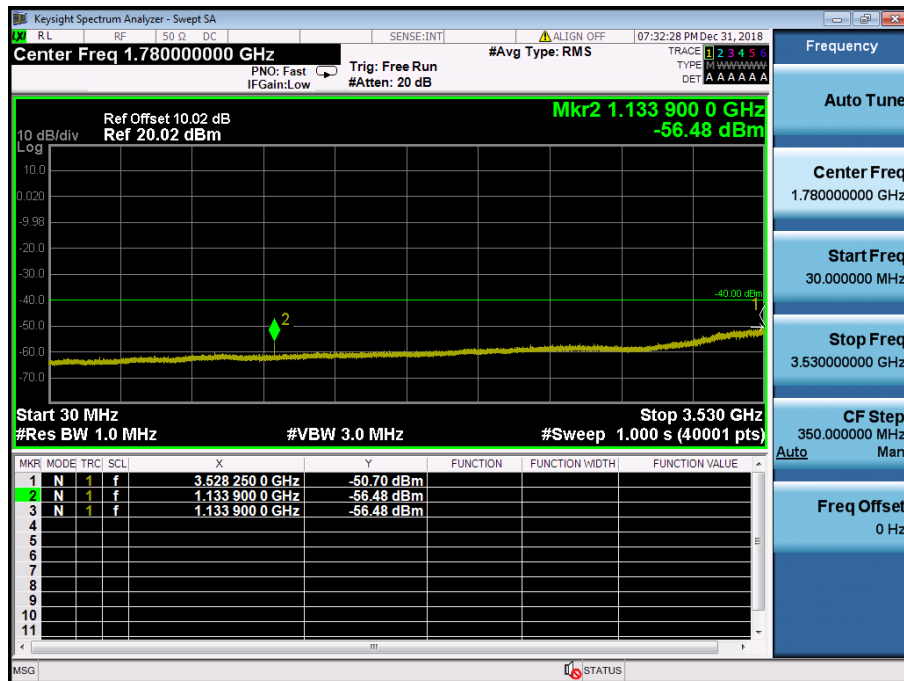
LTE Band 48 / 10 MHz / 16QAM - RB Size/Offset (1/0) – Mid Channel_1



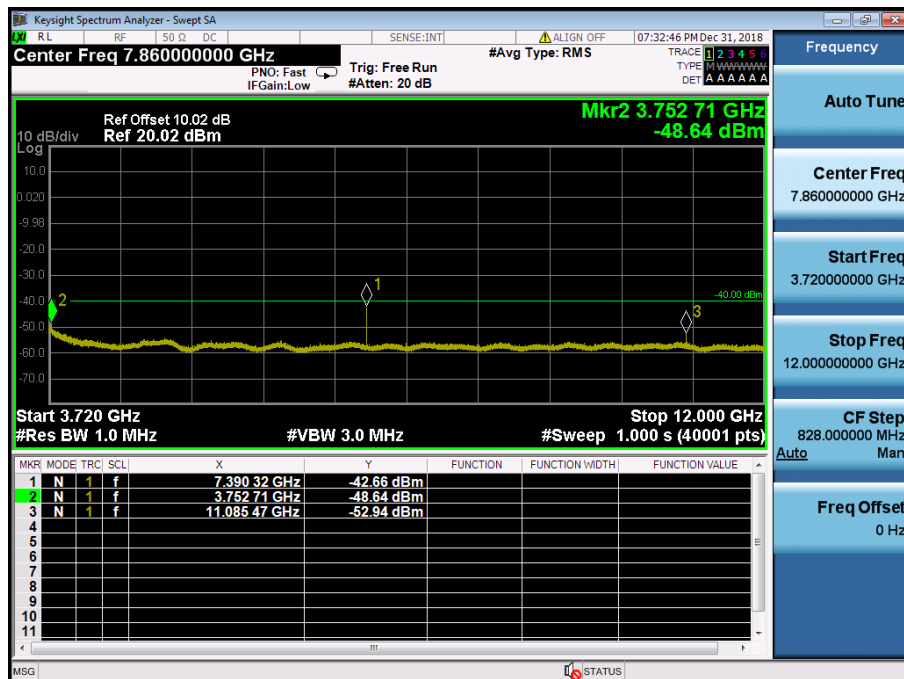
LTE Band 48 / 10 MHz / 16QAM - RB Size/Offset (1/0) – Mid Channel_2



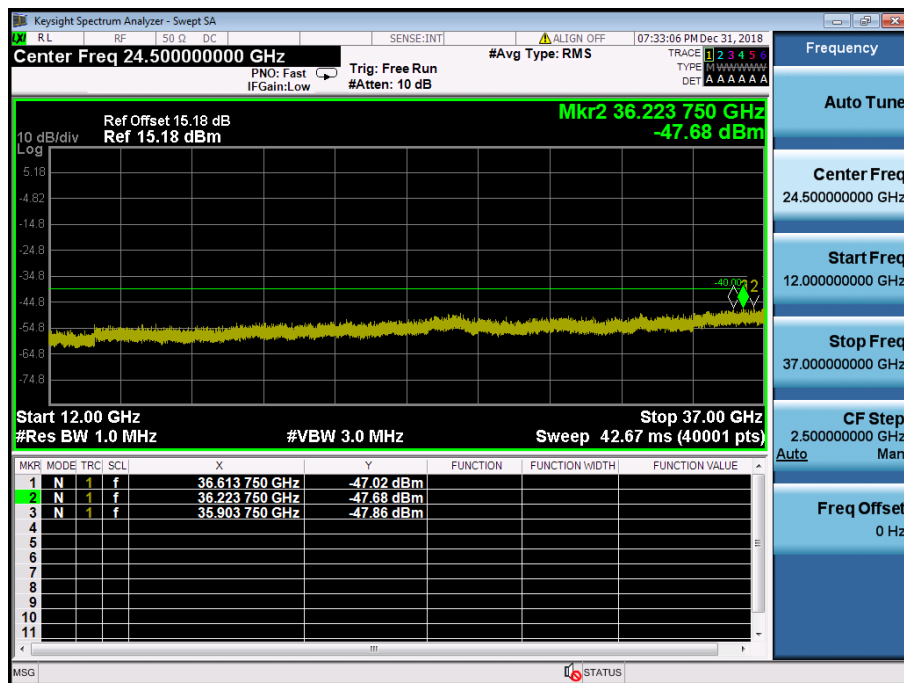
LTE Band 48 / 10 MHz / 16QAM - RB Size/Offset (1/0) – Mid Channel_3



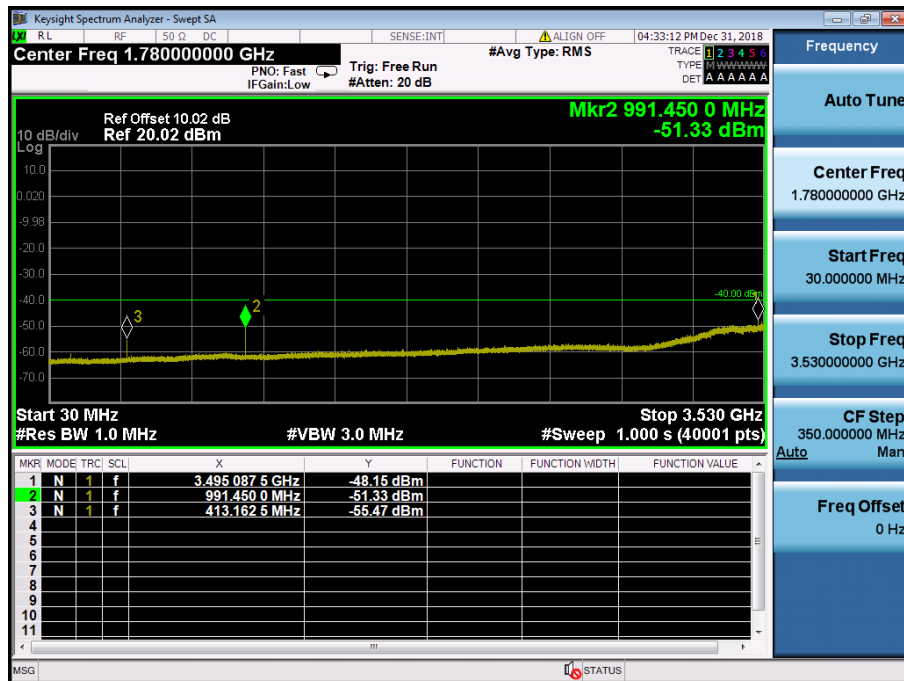
LTE Band 48 / 10 MHz / 16QAM - RB Size/Offset (1/25) – High Channel_1



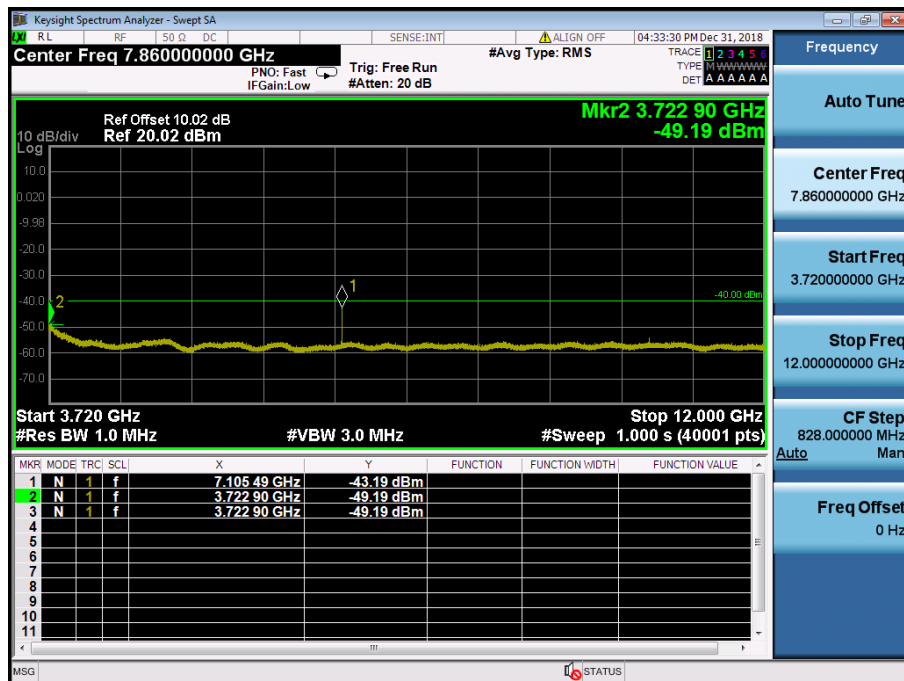
LTE Band 48 / 10 MHz / 16QAM - RB Size/Offset (1/25) – High Channel_2



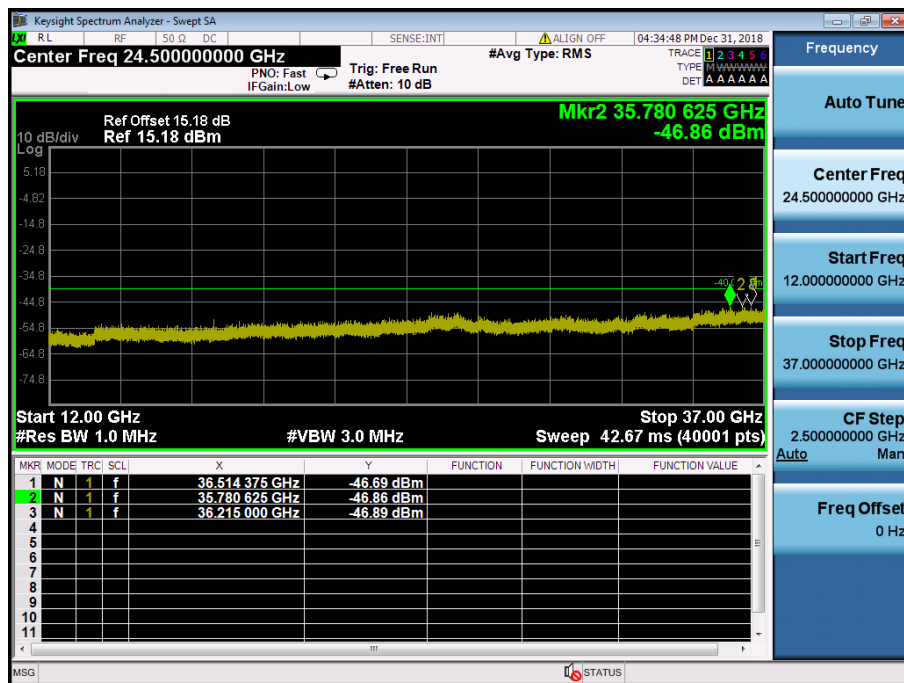
LTE Band 48 / 10 MHz / 16QAM - RB Size/Offset (1/25) – High Channel_3



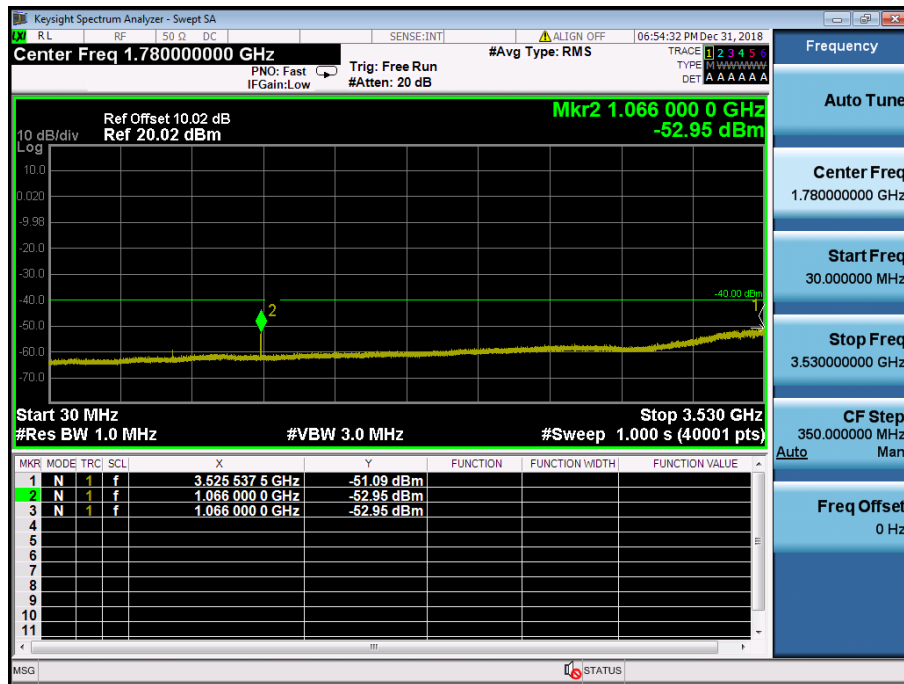
LTE Band 48 / 5 MHz / QPSK - RB Size/Offset (1/12) – Low Channel_1



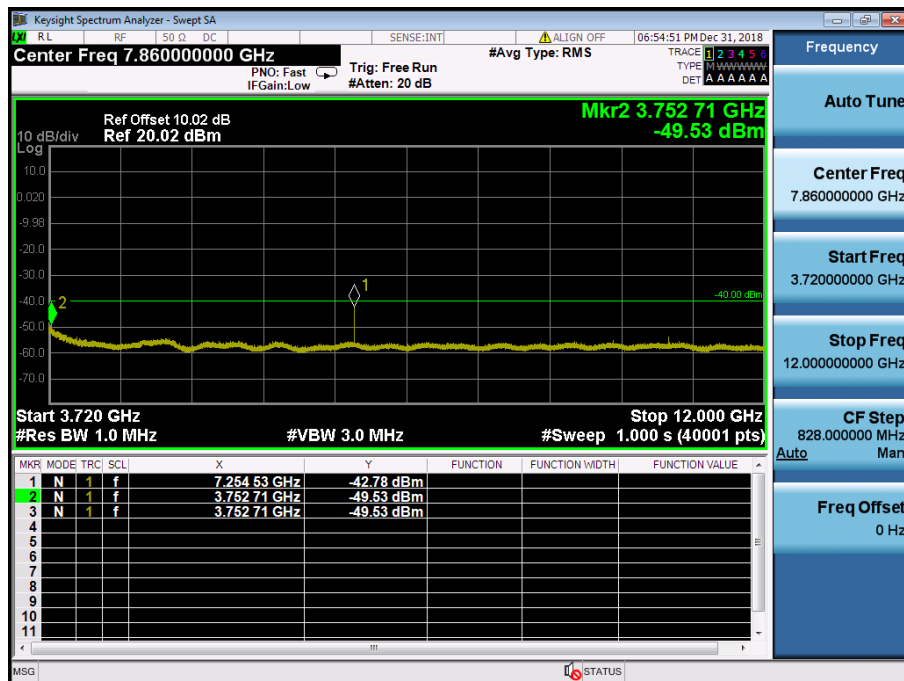
LTE Band 48 / 5 MHz / QPSK - RB Size/Offset (1/12) – Low Channel_2



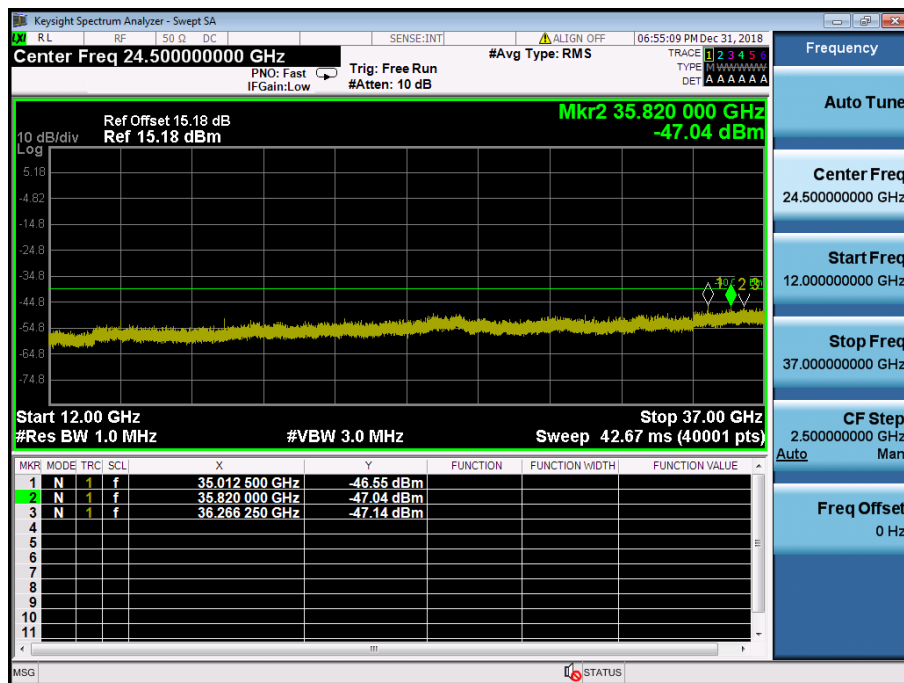
LTE Band 48 / 5 MHz / QPSK - RB Size/Offset (1/12) – Low Channel_3



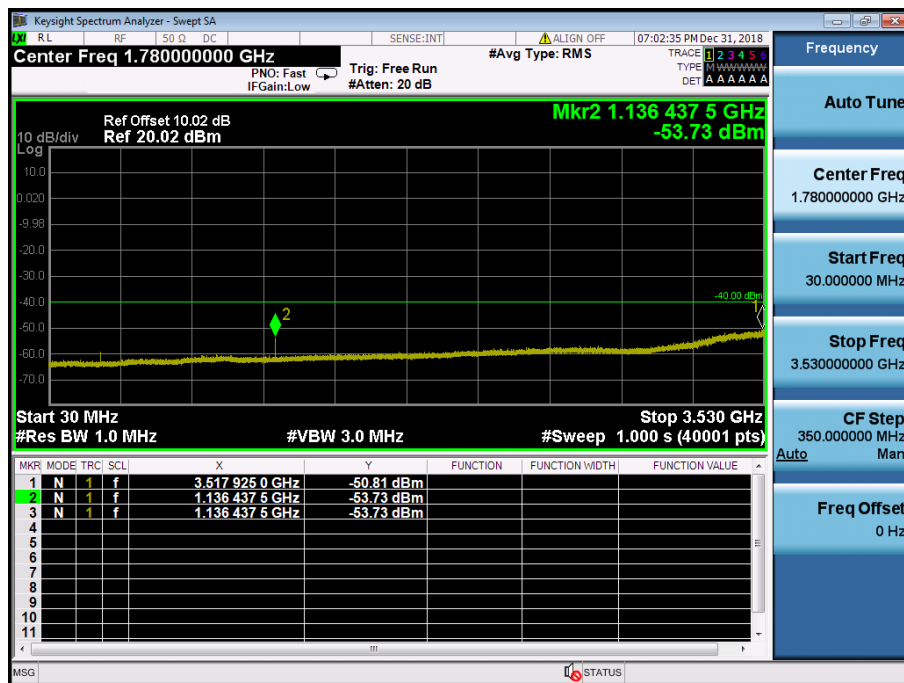
LTE Band 48 / 5 MHz / 16QAM - RB Size/Offset (1/24) – Mid Channel_1



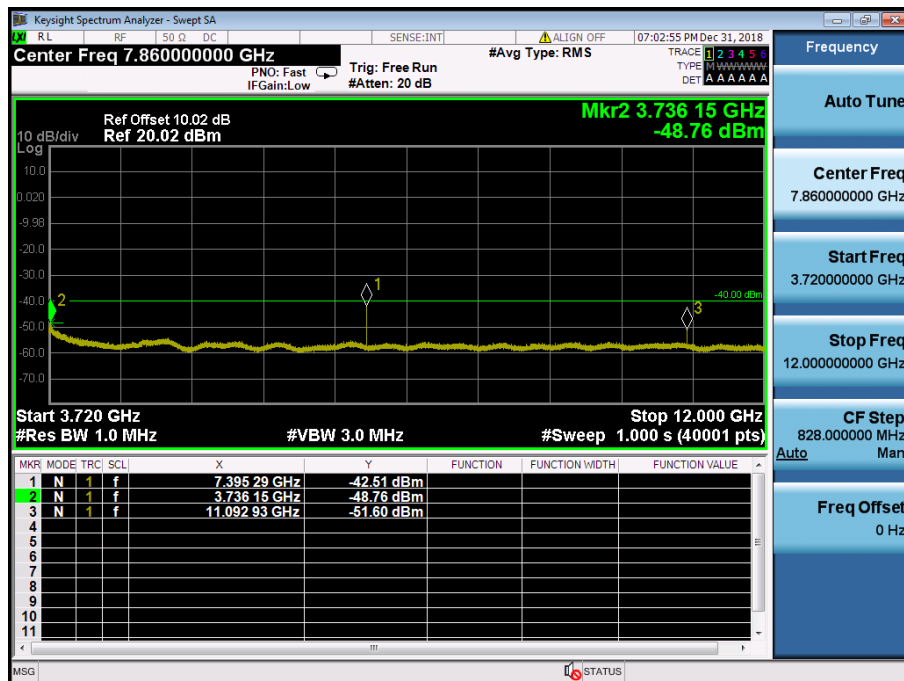
LTE Band 48 / 5 MHz / 16QAM - RB Size/Offset (1/24) – Mid Channel_2



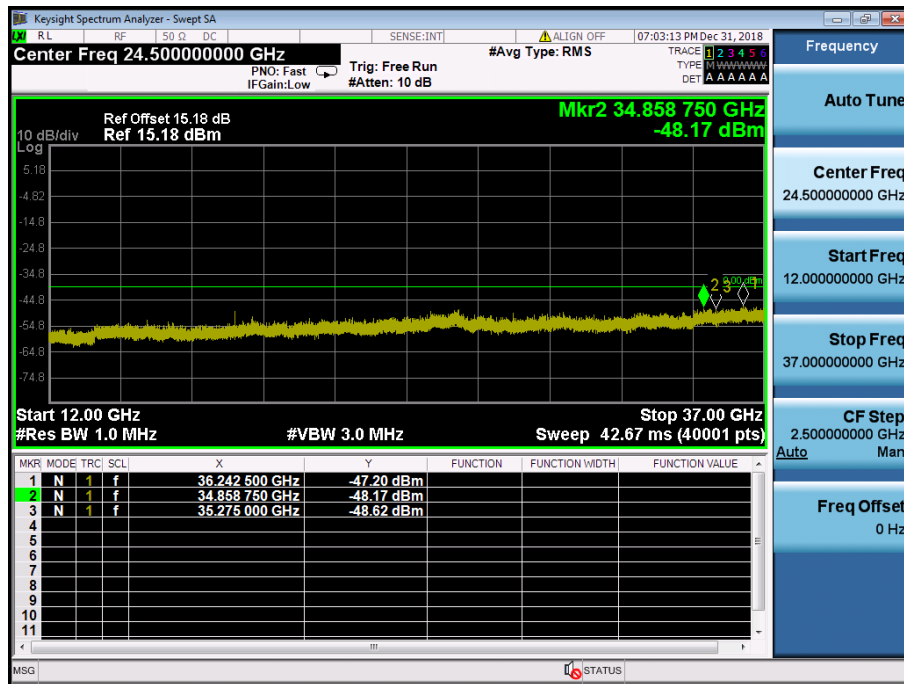
LTE Band 48 / 5 MHz / 16QAM - RB Size/Offset (1/24) – Mid Channel_3



LTE Band 48 / 5 MHz / 16QAM - RB Size/Offset (1/12) – High Channel_1

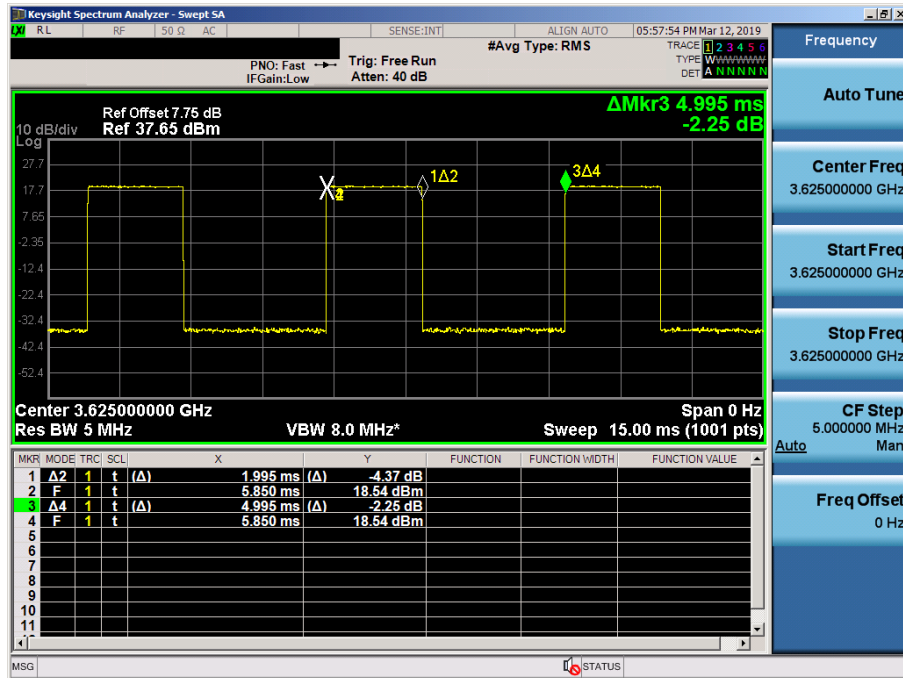


LTE Band 48 / 5 MHz / 16QAM - RB Size/Offset (1/12) – High Channel_2



LTE Band 48 / 5 MHz / 16QAM - RB Size/Offset (1/12) – High Channel_3

8.6 Duty Cycle (Conducted)



LTE Band 48 / 5 MHz / QPSK - RB Size/Offset (25/0) – Mid Channel