

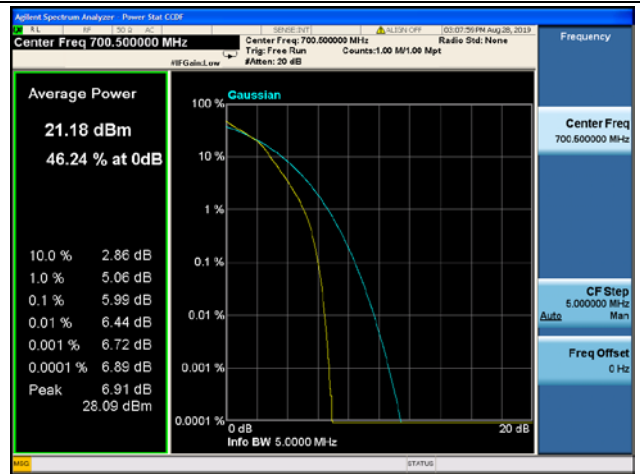


LTE Band 12 Peak-to-Average Ratio

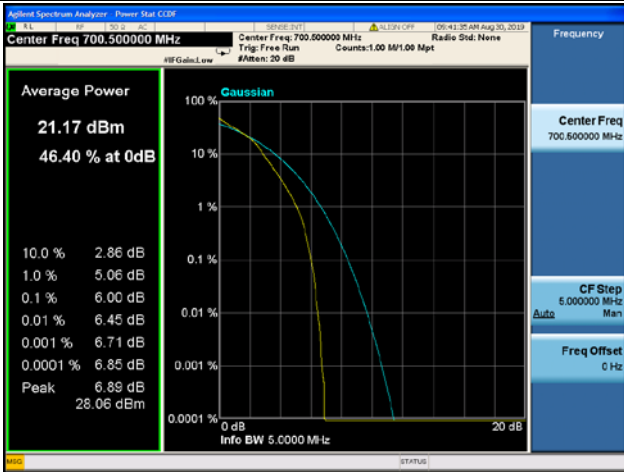
3MHz/QPSK / LCH



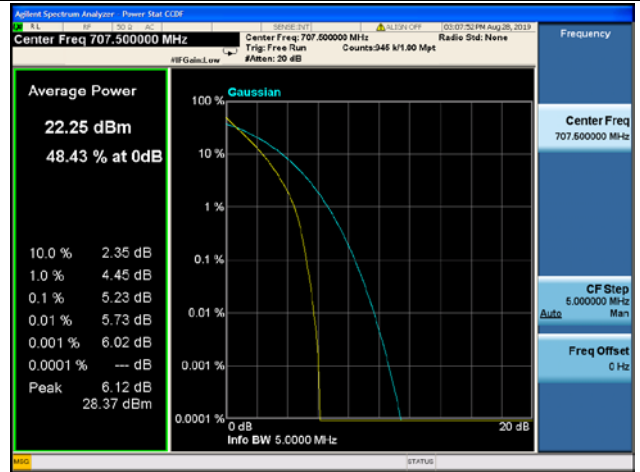
3MHz/16QAM / LCH



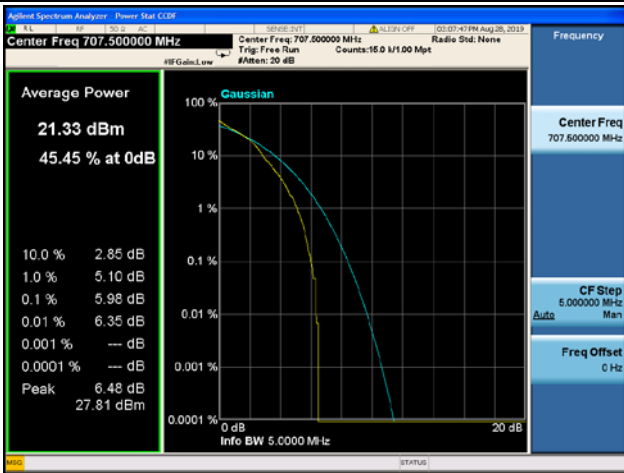
3MHz/ 64QAM / LCH



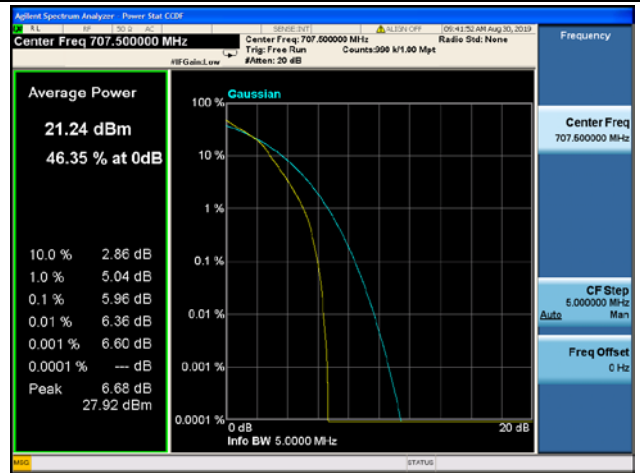
3MHz/ QPSK / MCH



3MHz/16QAM / MCH

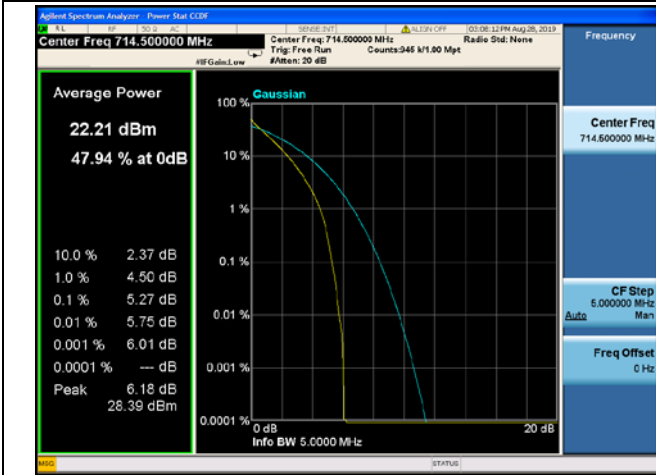


3MHz/ 64QAM / MCH





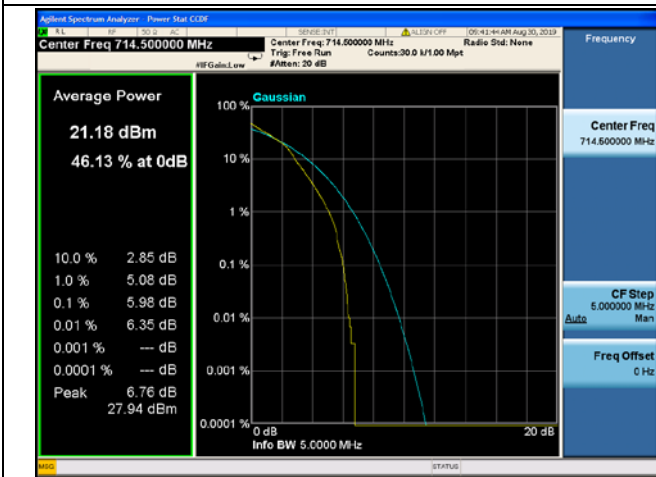
**3MHz/ QPSK / HCH**



**3MHz/16QAM / HCH**



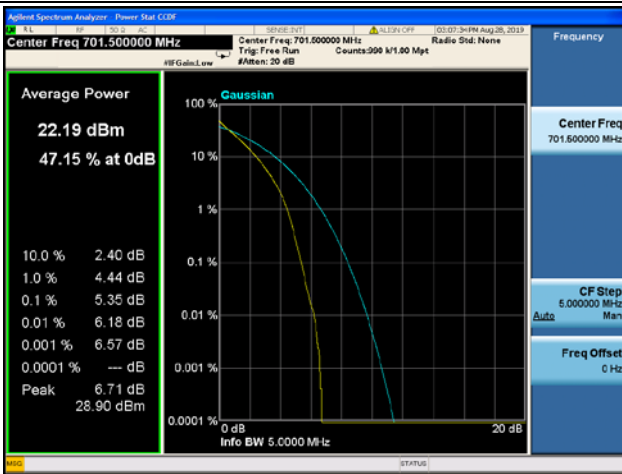
**3MHz/ 64QAM / HCH**



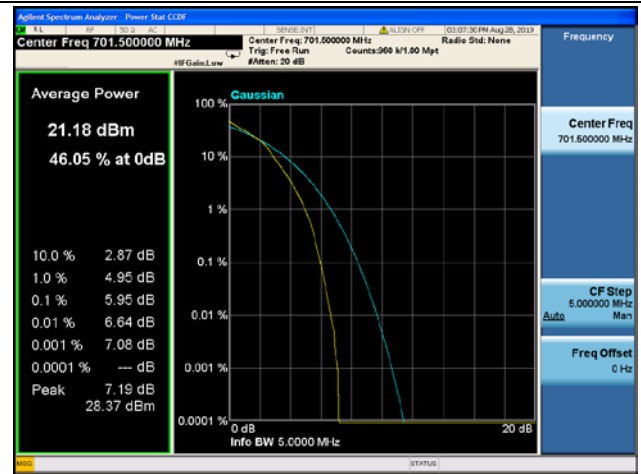


LTE Band 12 Peak-to-Average Ratio

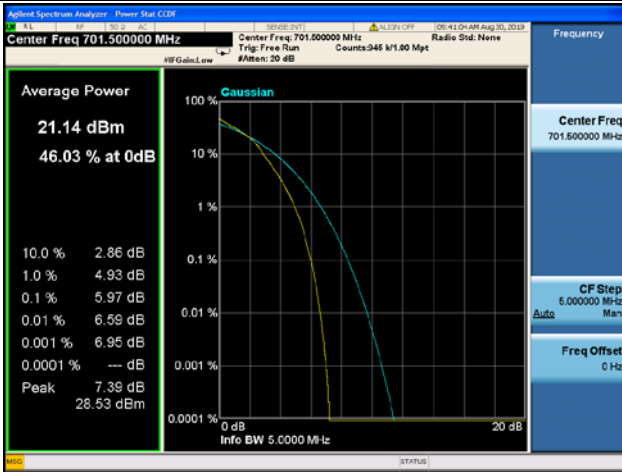
5MHz/QPSK / LCH



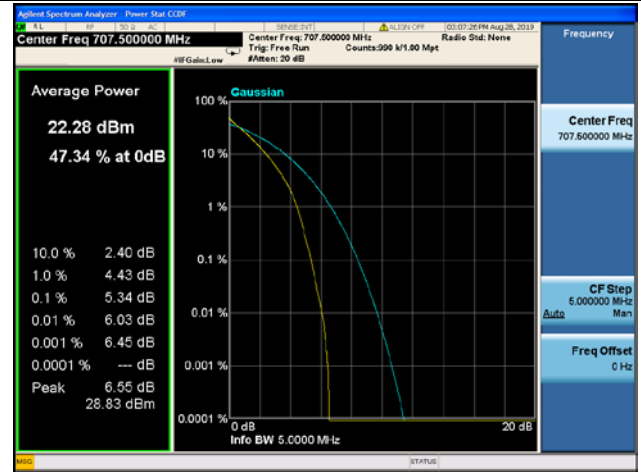
5MHz/16QAM / LCH



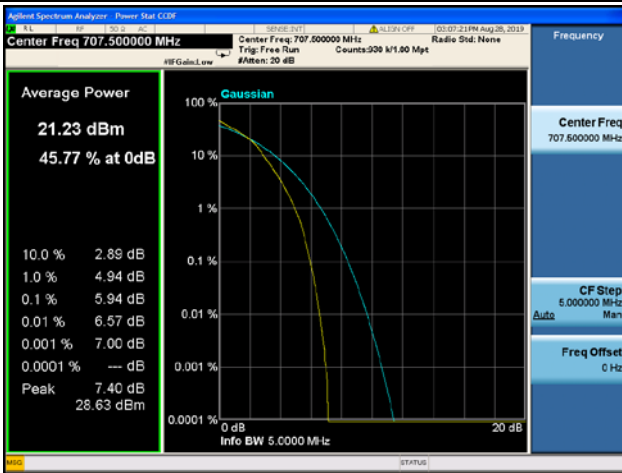
5MHz/ 64QAM / LCH



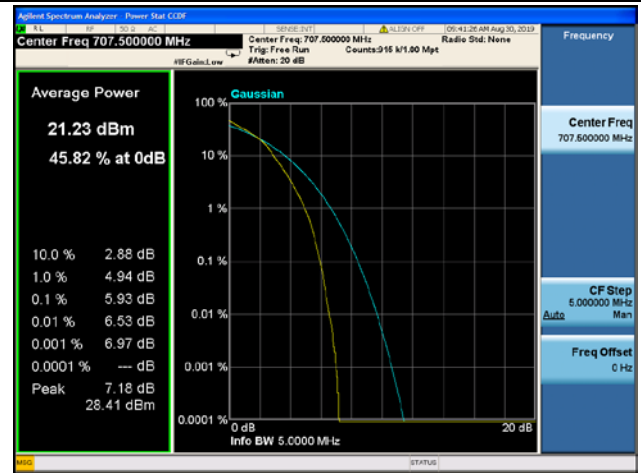
5MHz/ QPSK / MCH



5MHz/16QAM / MCH

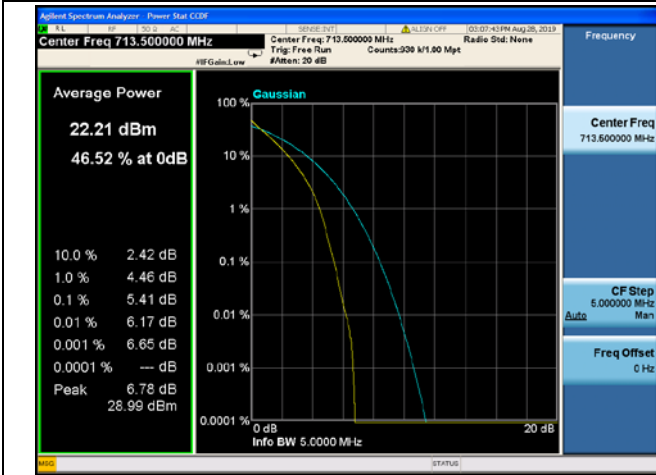


5MHz/ 64QAM / MCH

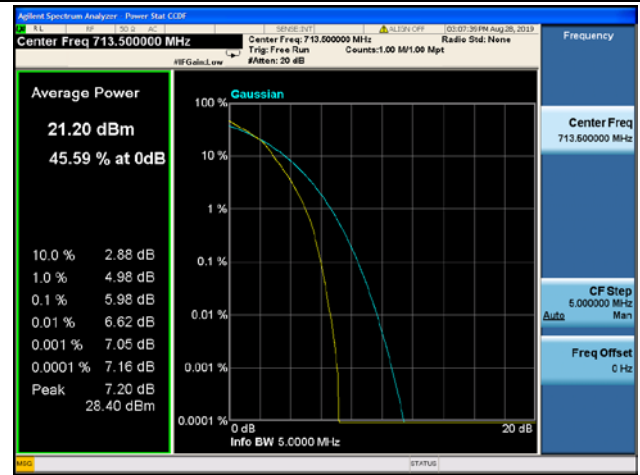




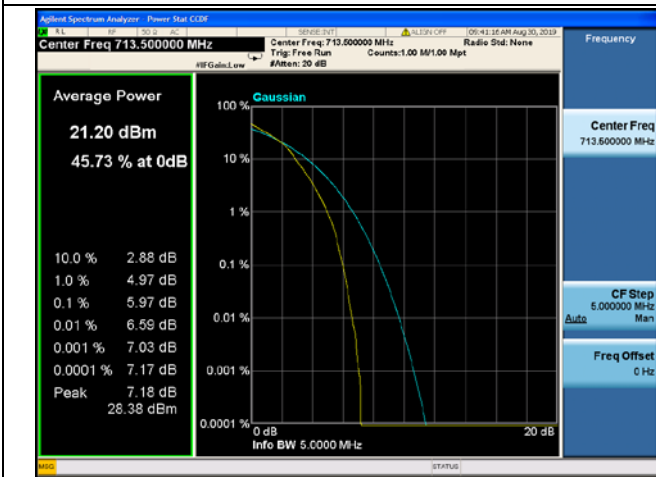
**5MHz/ QPSK / HCH**



**5MHz/16QAM / HCH**



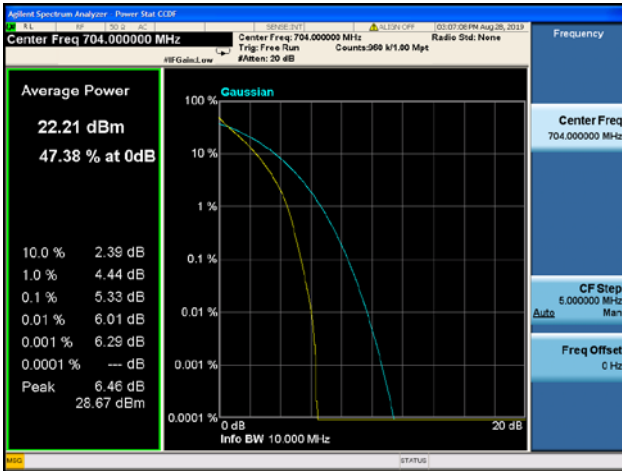
**5MHz/ 64QAM / HCH**



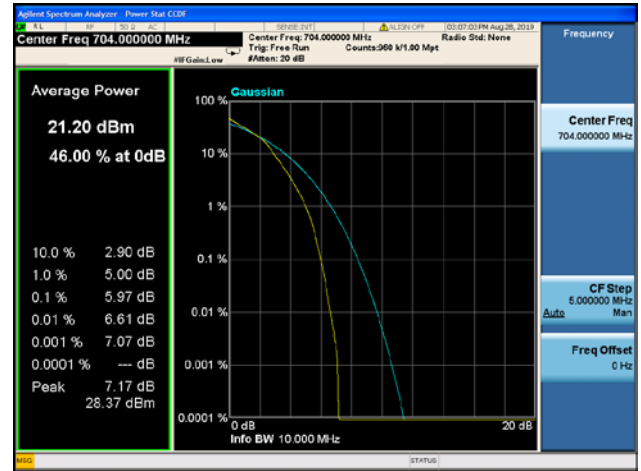


LTE Band 12 Peak-to-Average Ratio

10MHz/QPSK / LCH



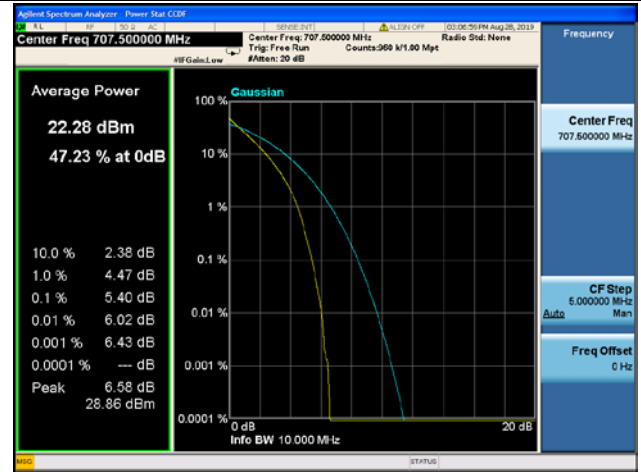
10MHz/16QAM / LCH



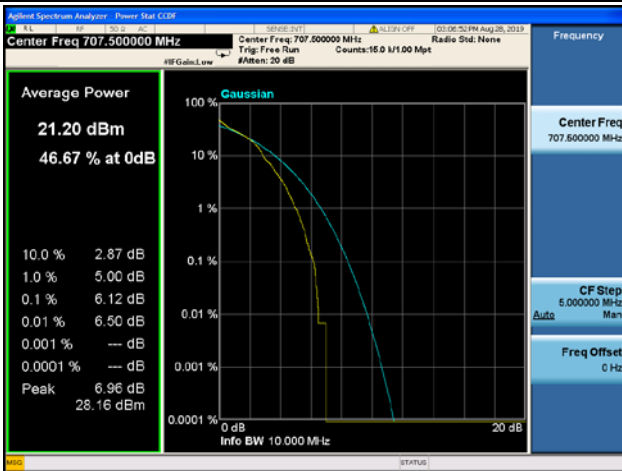
10MHz/ 64QAM / LCH



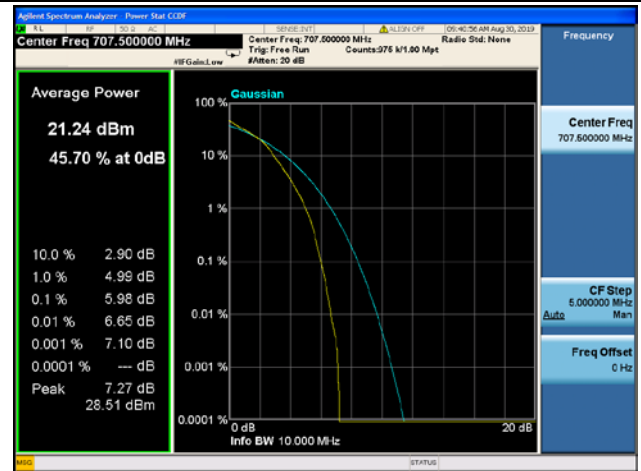
10MHz/ QPSK / MCH

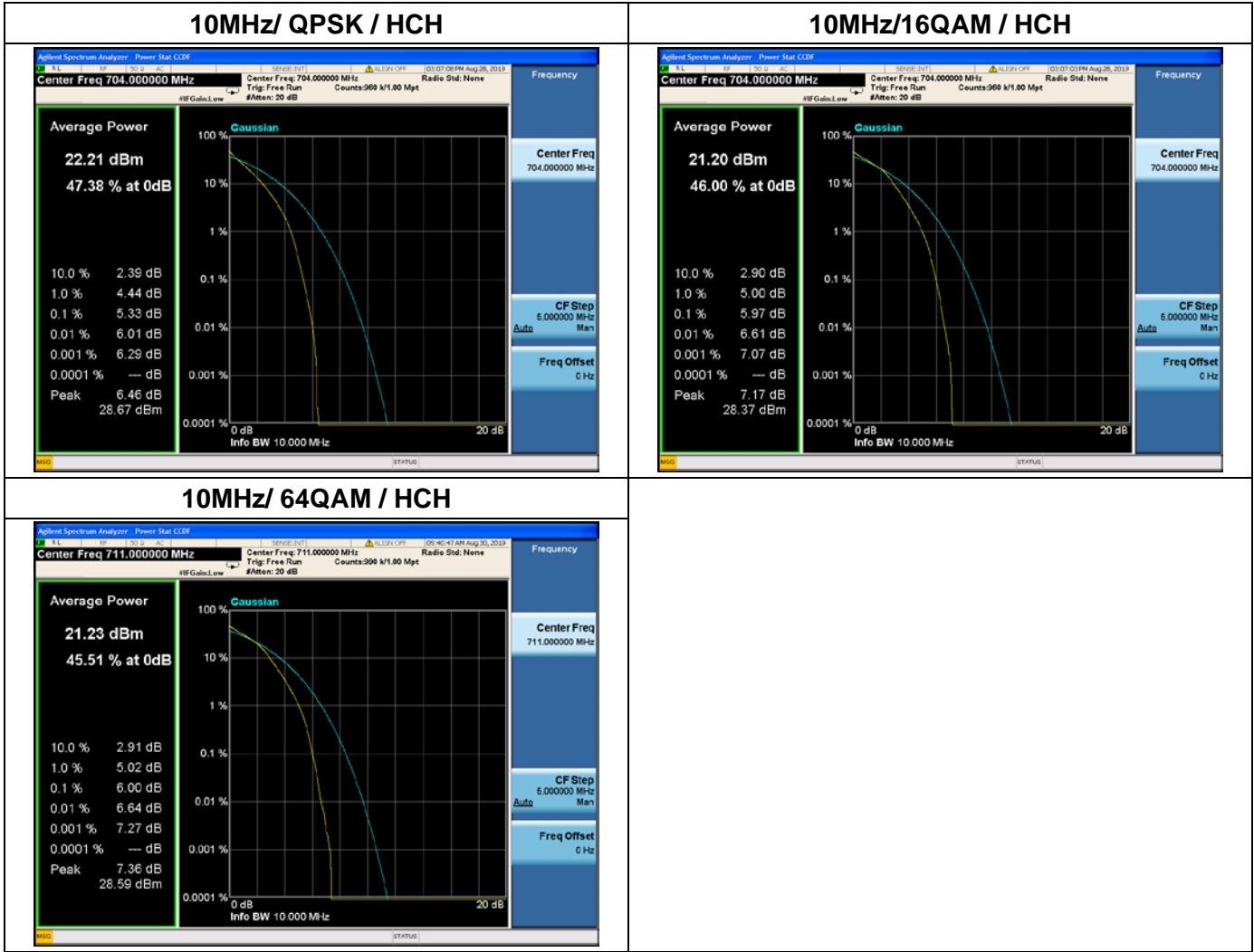


10MHz/16QAM / MCH



10MHz/ 64QAM / MCH

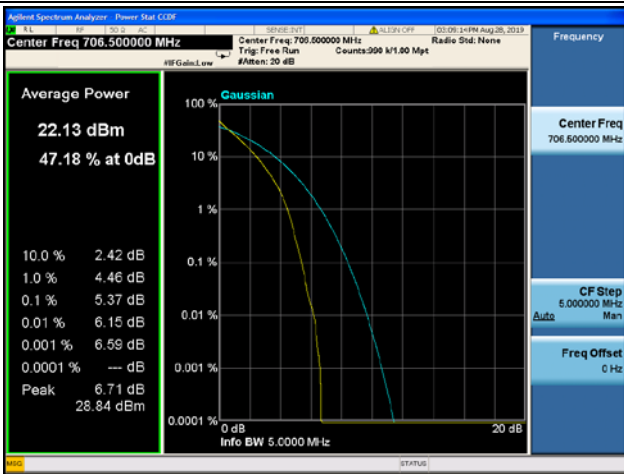




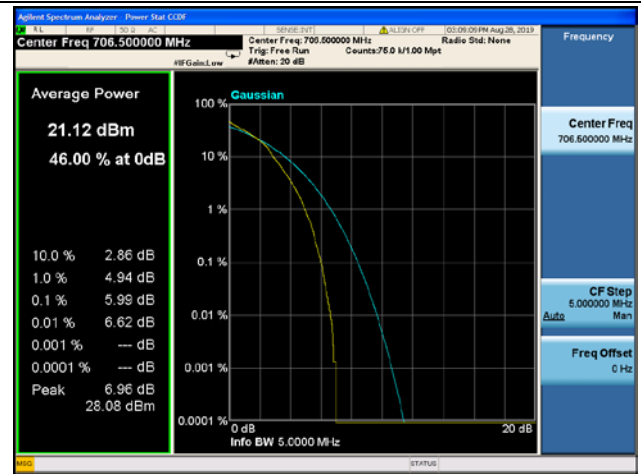


LTE Band 17 Peak-to-Average Ratio

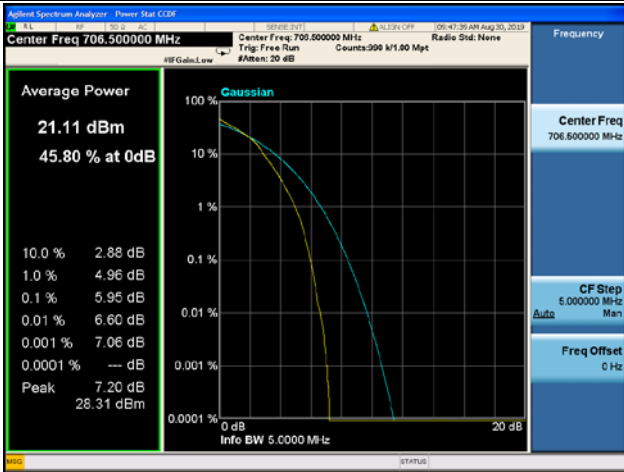
5MHz/QPSK / LCH



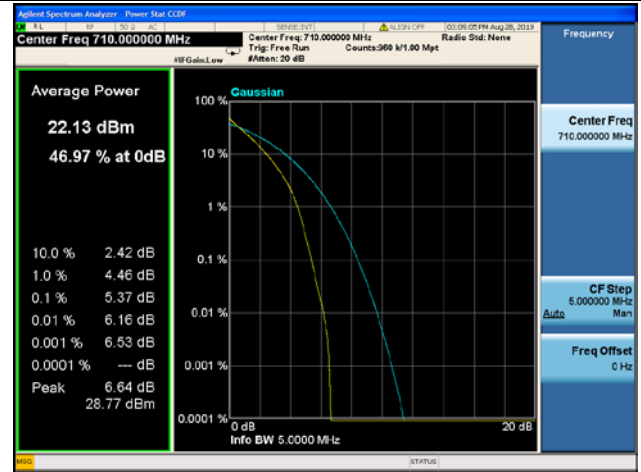
5MHz/16QAM / LCH



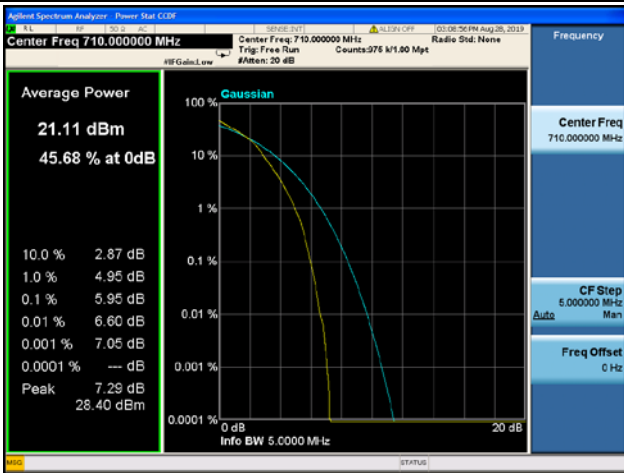
5MHz/ 64QAM / LCH



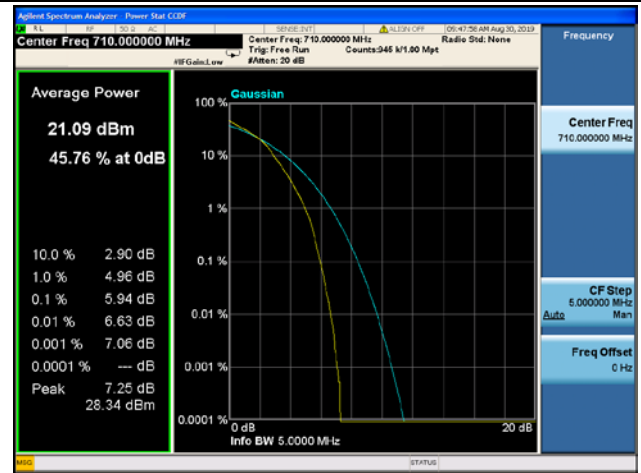
5MHz/ QPSK / MCH



5MHz/16QAM / MCH

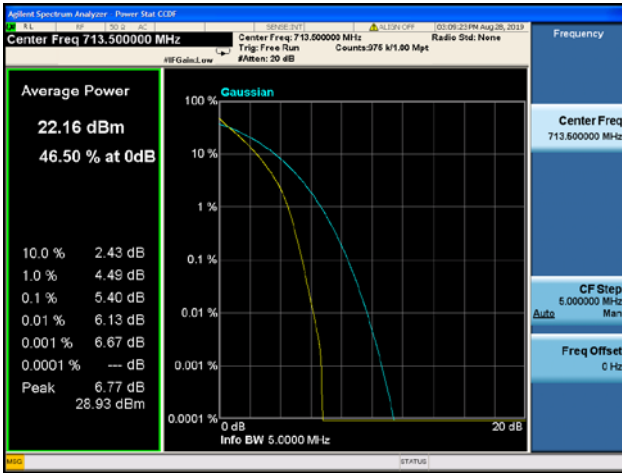


5MHz/ 64QAM / MCH

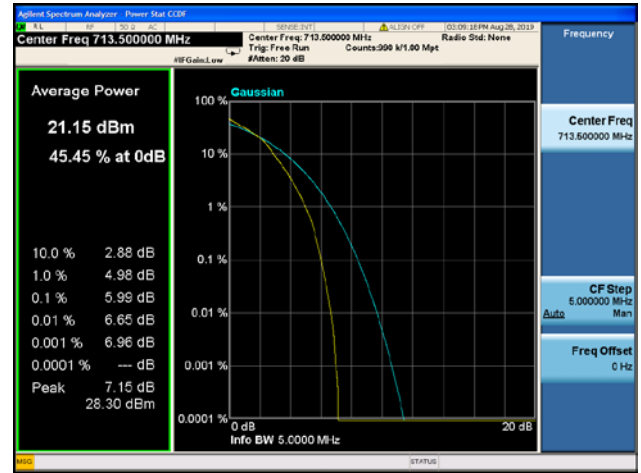




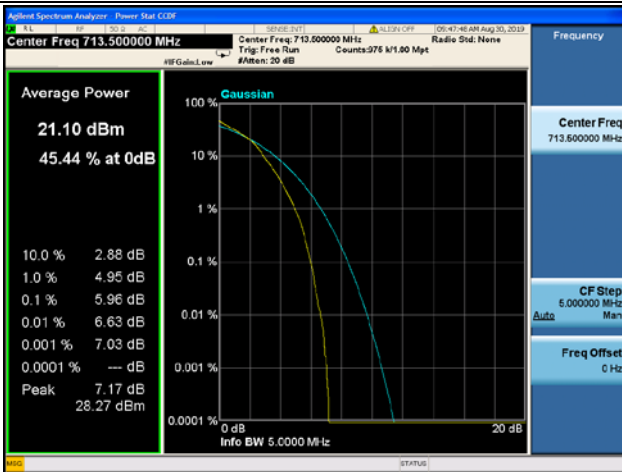
### 5MHz/ QPSK / HCH



### 5MHz/16QAM / HCH



### 5MHz/ 64QAM / HCH







LTE Band 17 Peak-to-Average Ratio

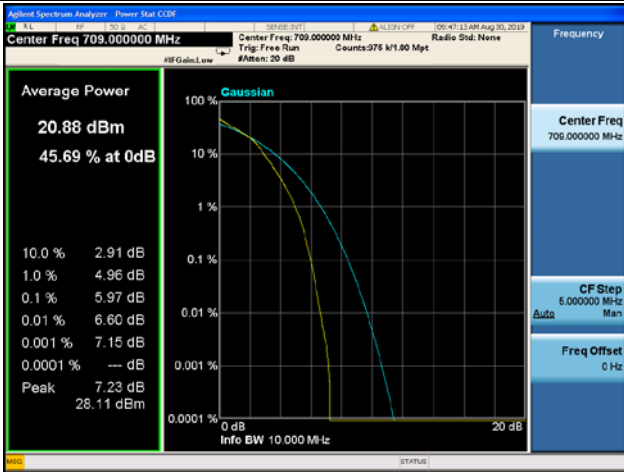
10MHz/QPSK / LCH



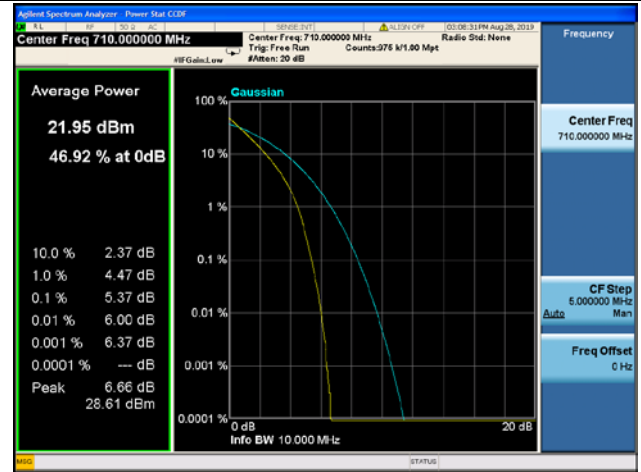
10MHz/16QAM / LCH



10MHz/ 64QAM / LCH



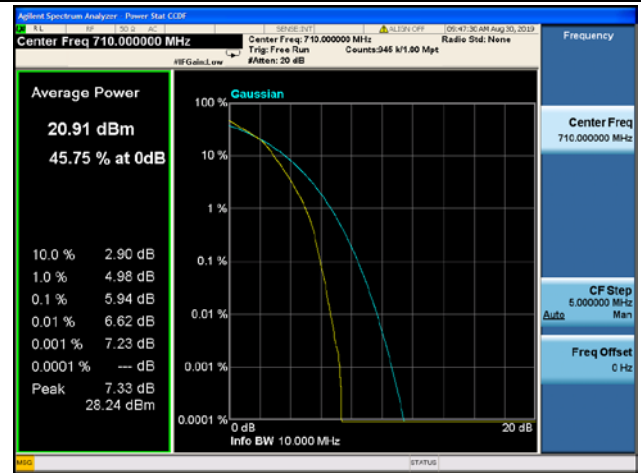
10MHz/ QPSK / MCH

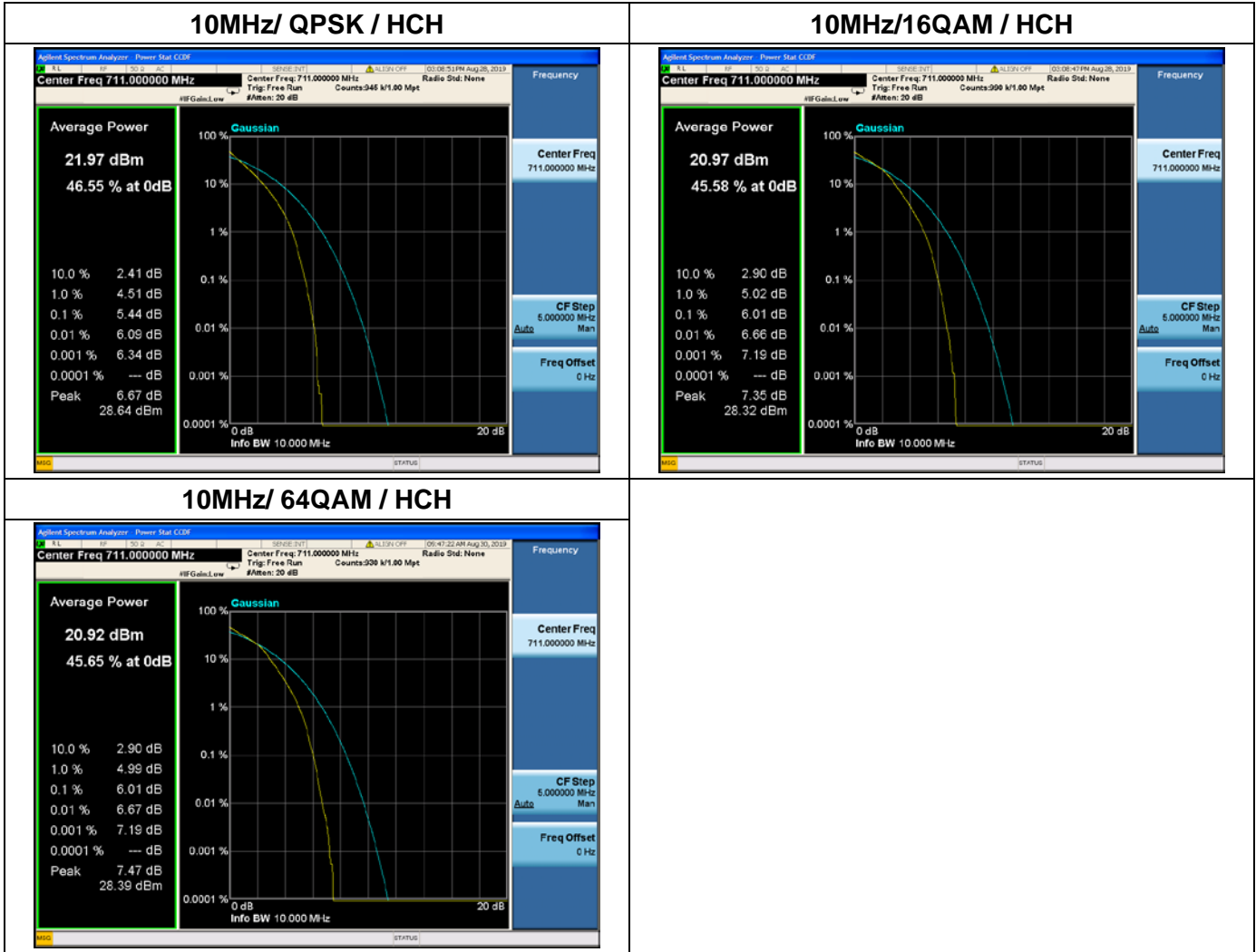


10MHz/16QAM / MCH



10MHz/ 64QAM / MCH





## 2.5. Conducted Spurious Emissions

### 2.5.1. Requirement

According to FCC section 2.1051, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $43+10*\log(P)$ dB. This calculated to be -13dBm.

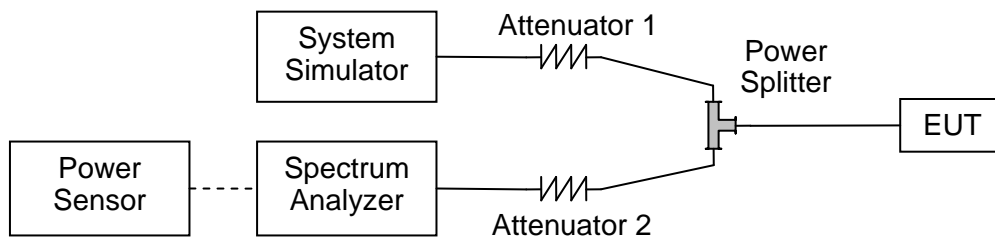
Additional requirement for LTE Band 7/38/41:

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $55 + 10 \log(P)$  dB. This calculated to be -25dBm.

Additional requirement for LTE Band 30/40:

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least  $70 + 10 \log(P)$  dB. This calculated to be -40dBm.

### 2.5.2. Test Description



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

### 2.5.3. Test procedure

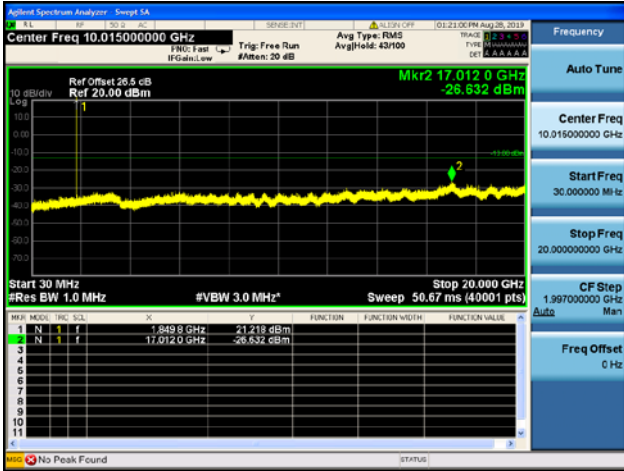
KDB 971168 D01v03 Section 6.0 and ANSI/TIA-603-E-2016.

### 2.5.4. Test Result

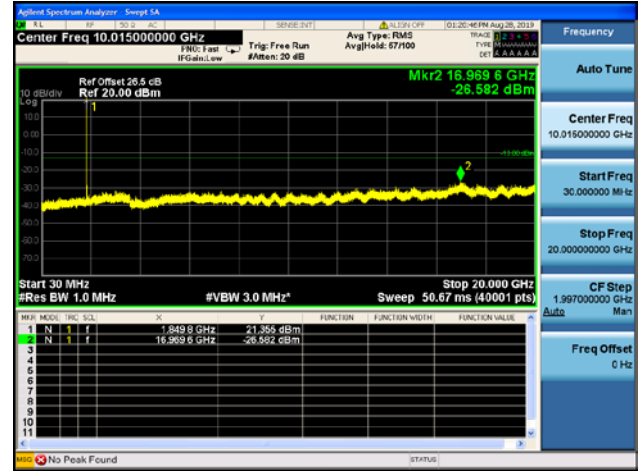


LTE Band 2 CSE

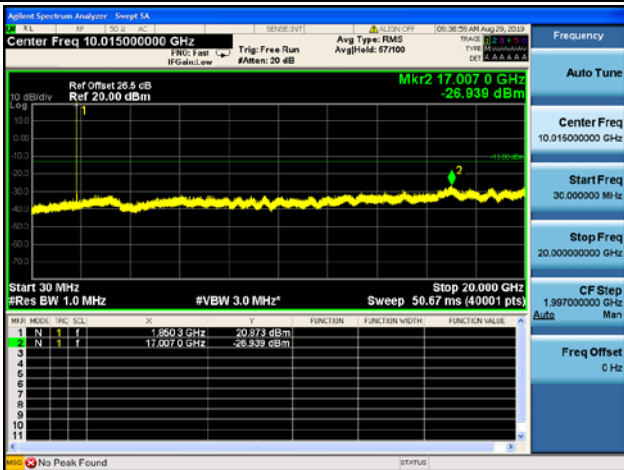
1.4MHz/QPSK/Low CH



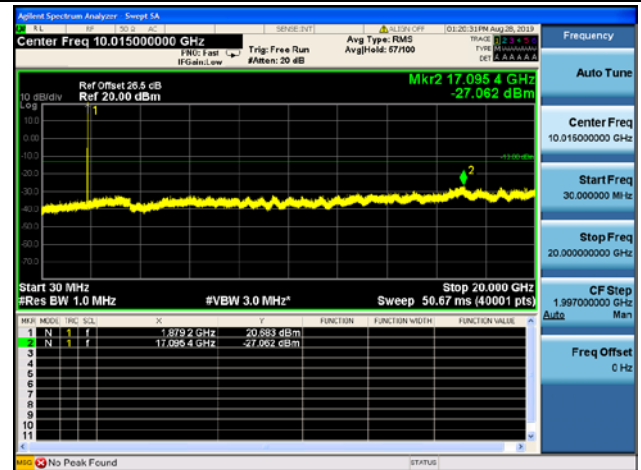
1.4MHz/16QAM/Low CH



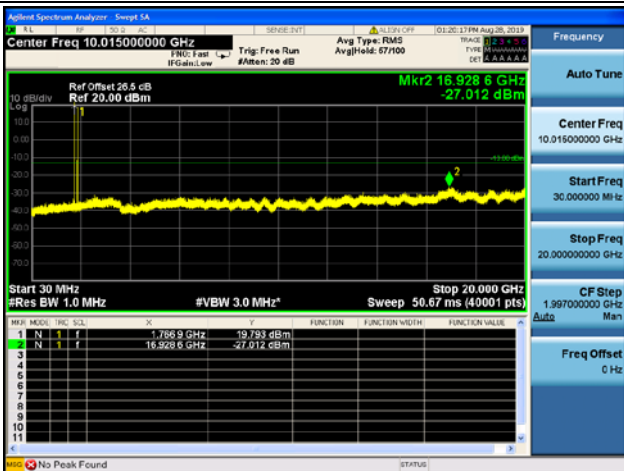
1.4MHz/64QAM/Low CH



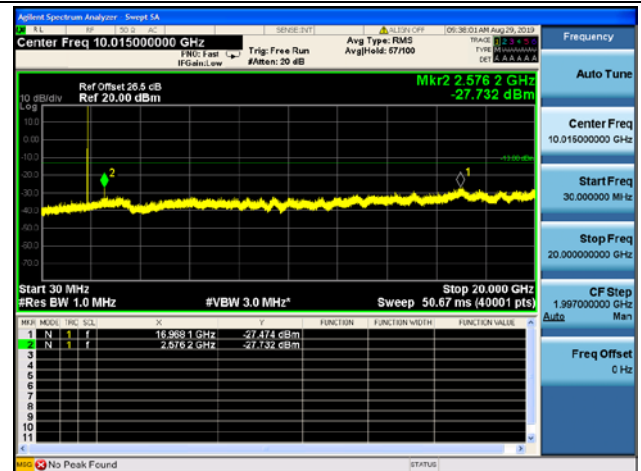
1.4MHz/QPSK/Mid CH



1.4MHz/16QAM/Mid CH

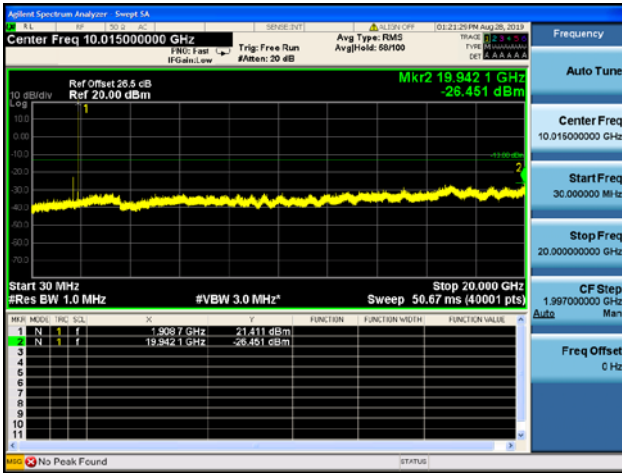


1.4MHz/64QAM/Mid CH

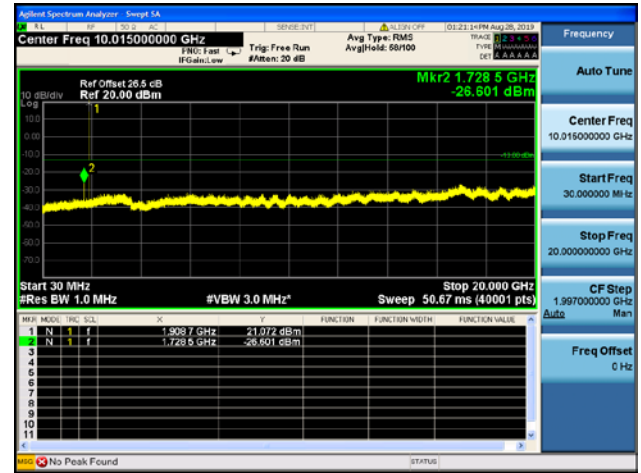




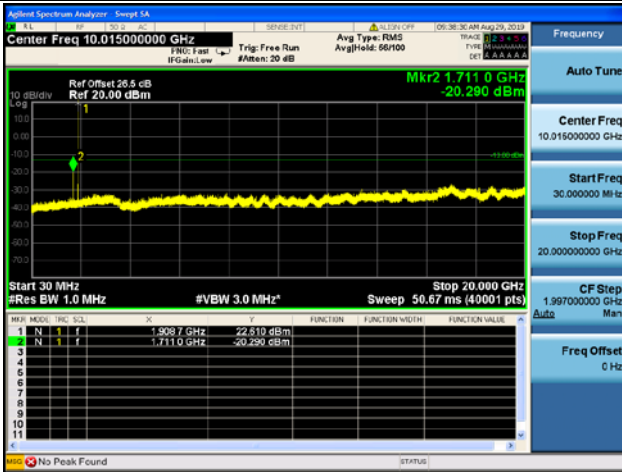
1.4MHz/QPSK/High CH



1.4MHz/16QAM/High CH



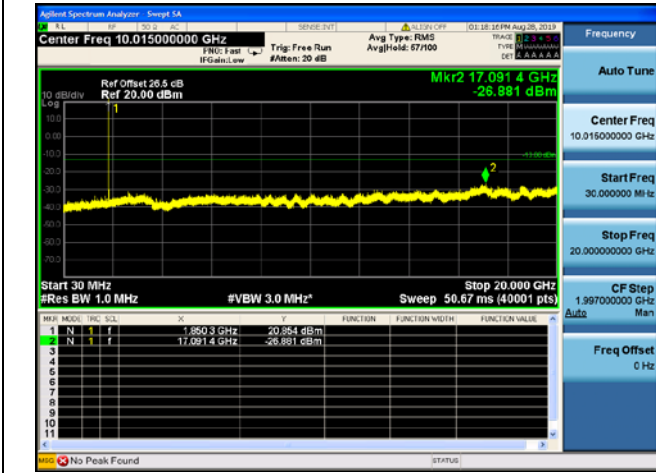
1.4MHz/64QAM/High CH



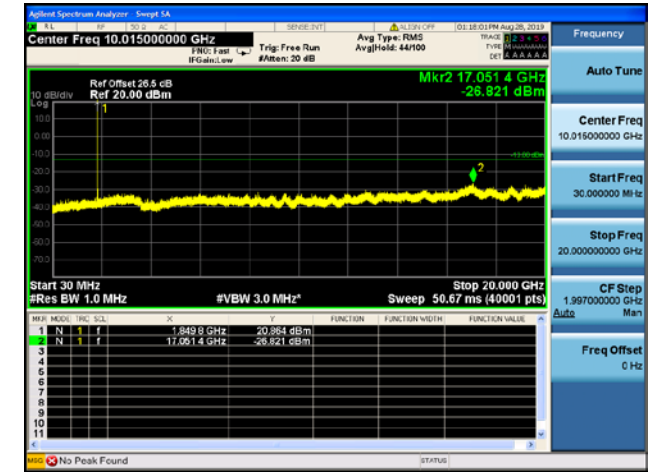


LTE Band 2 CSE

3MHz/QPSK/Low CH



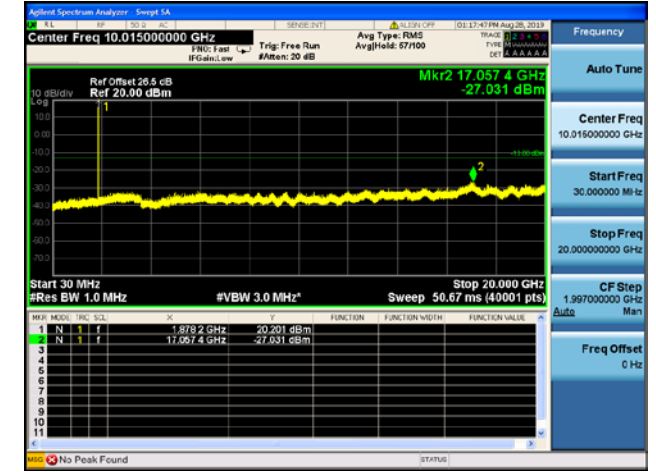
3MHz/16QAM/Low CH



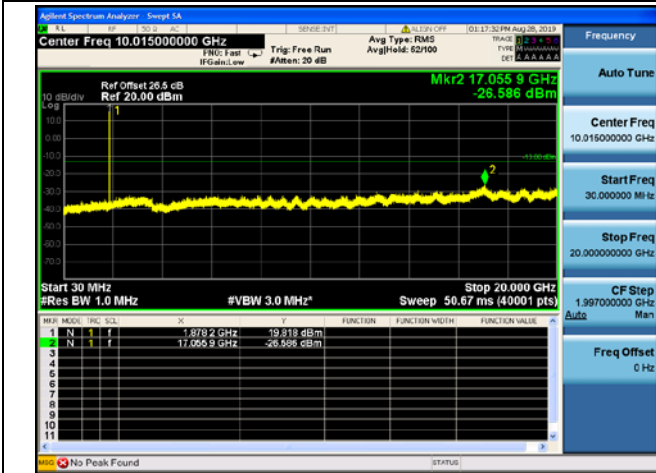
3MHz/64QAM/Low CH



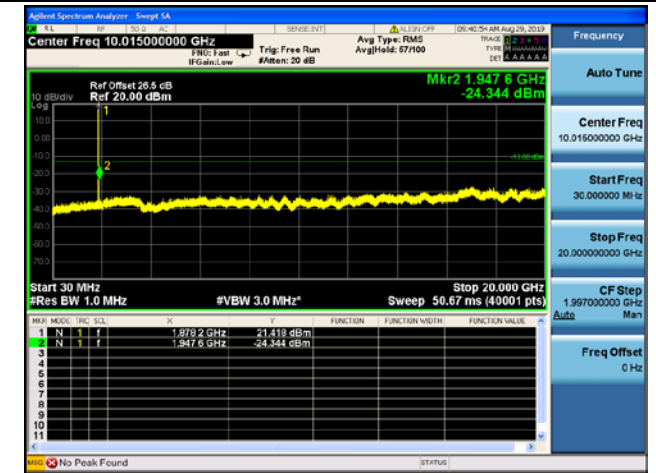
3MHz/QPSK/Mid CH



3MHz/16QAM/Mid CH



3MHz/64QAM/Mid CH

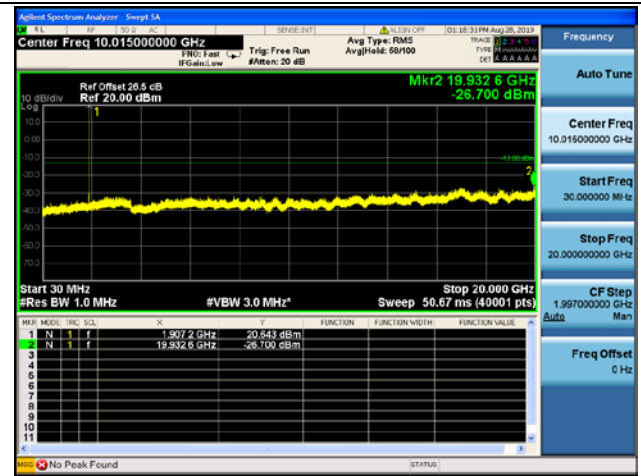




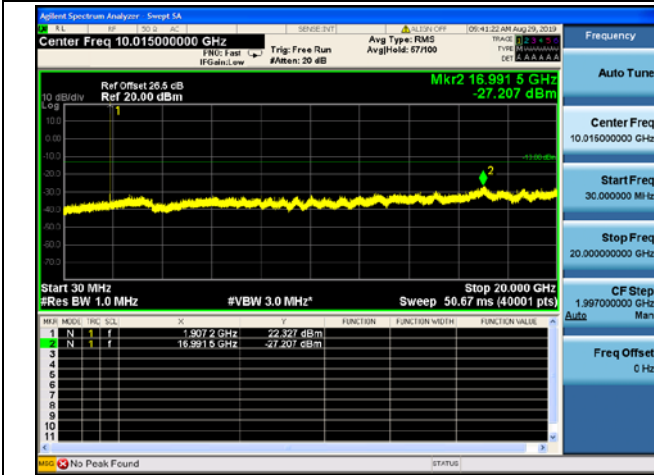
### 3MHz/QPSK/High CH



### 3MHz/16QAM/High CH



### 3MHz/64QAM/High CH

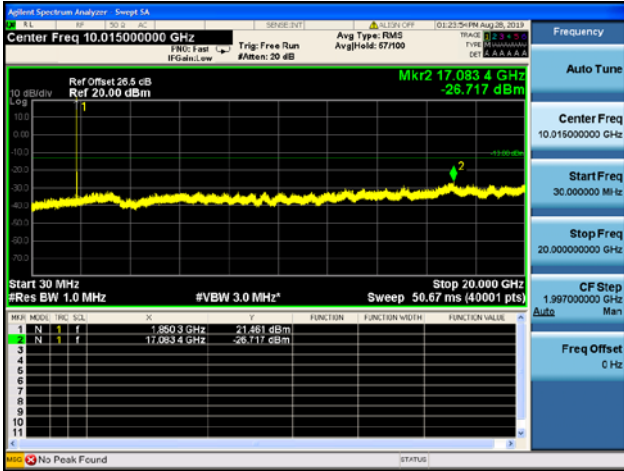




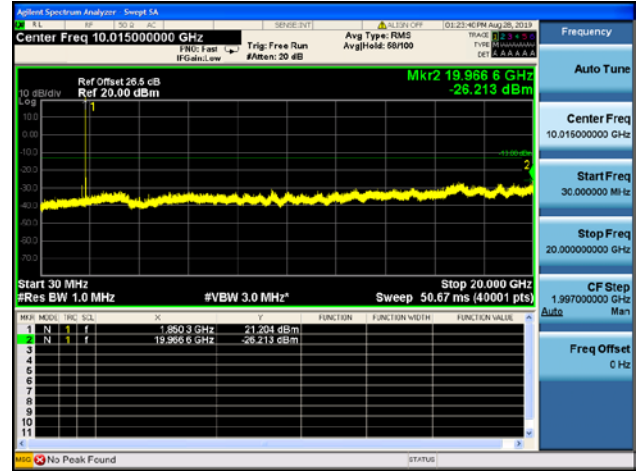


LTE Band 2 CSE

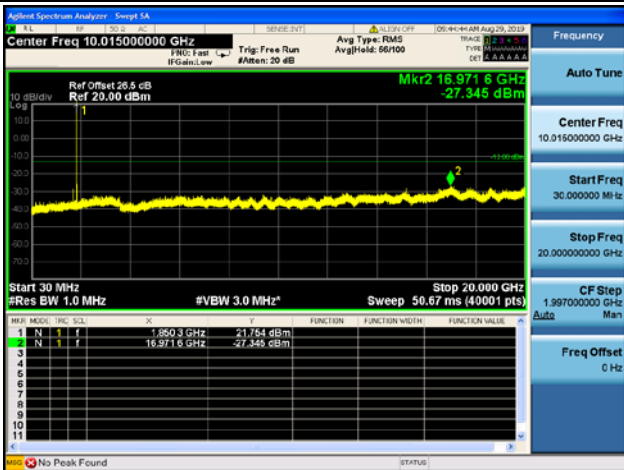
5MHz/QPSK/Low CH



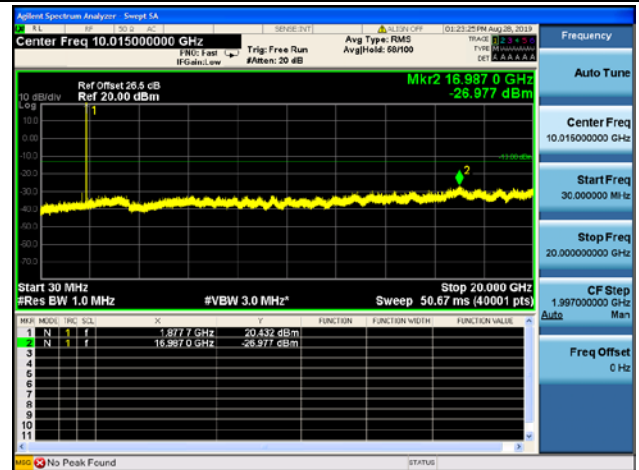
5MHz/16QAM/Low CH



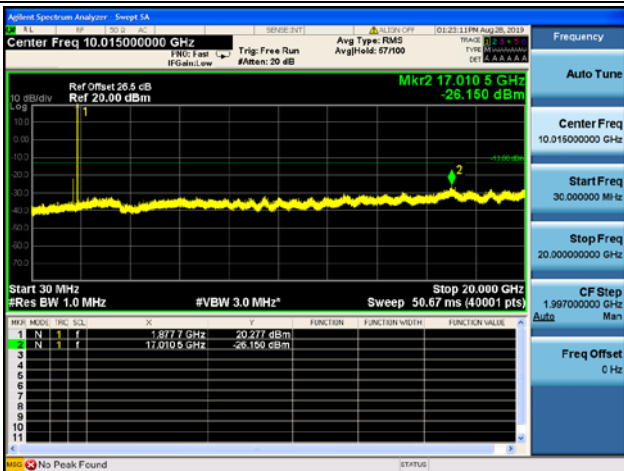
5MHz/64QAM/Low CH



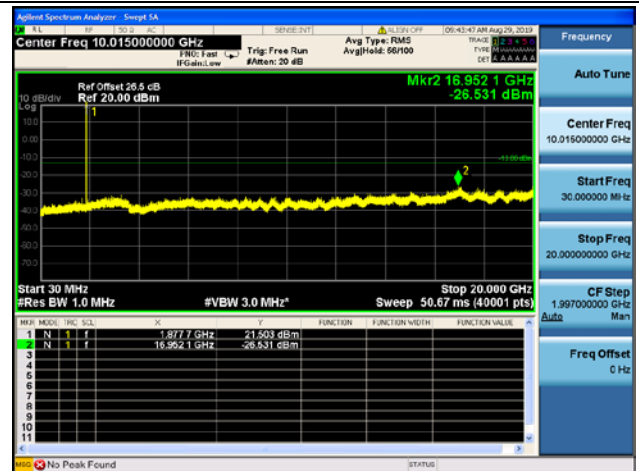
5MHz/QPSK/Mid CH



5MHz/16QAM/Mid CH



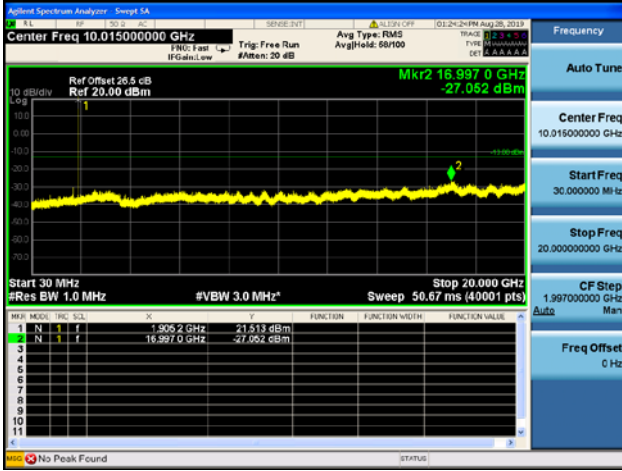
5MHz/64QAM/Mid CH



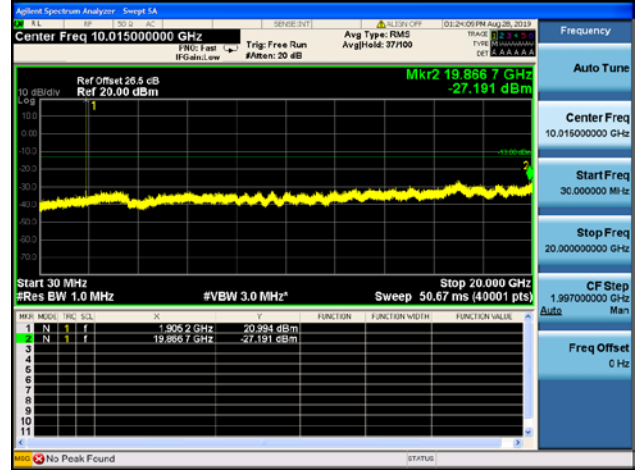




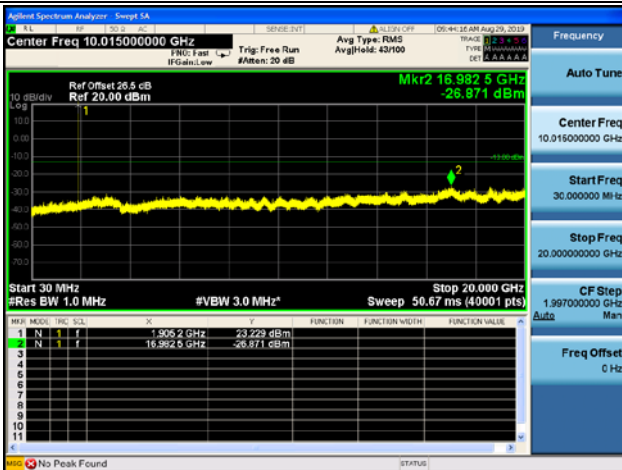
5MHz/QPSK/High CH



5MHz/16QAM/High CH



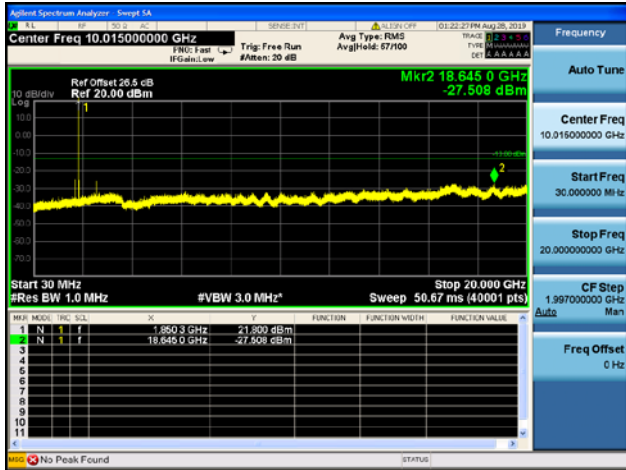
5MHz/64QAM/High CH



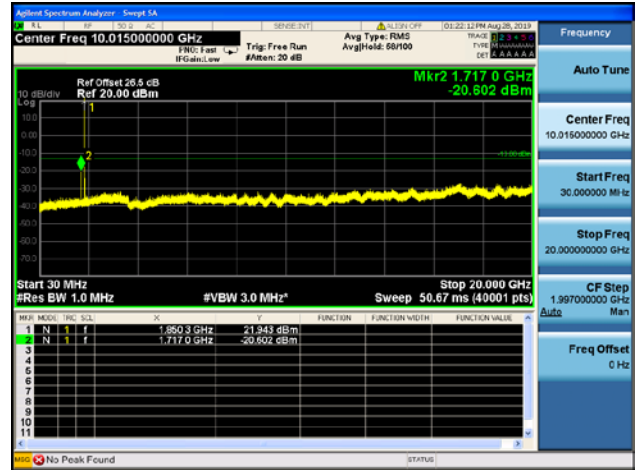


LTE Band 2 CSE

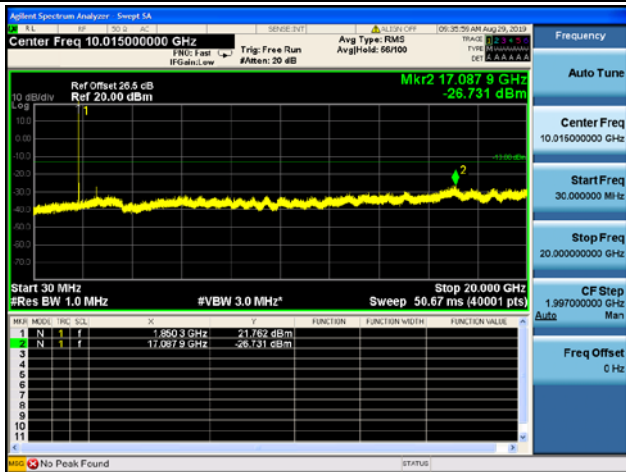
10MHz/QPSK/Low CH



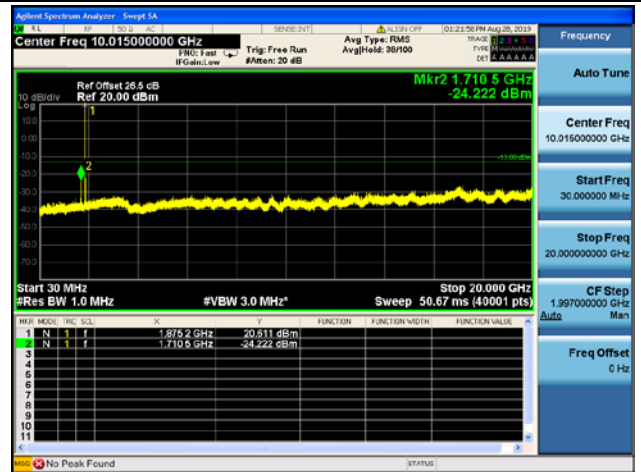
10MHz/16QAM/Low CH



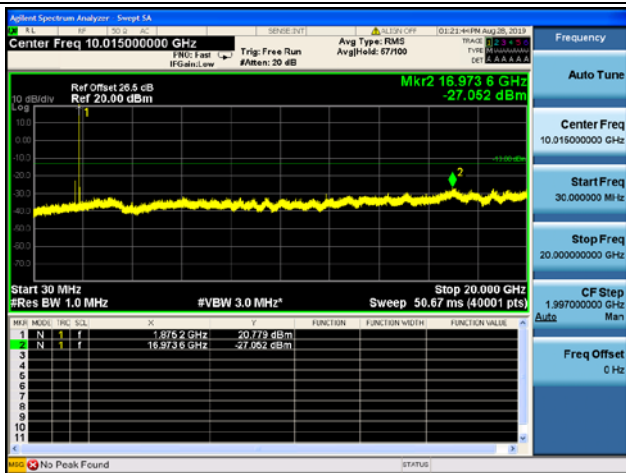
10MHz/64QAM/Low CH



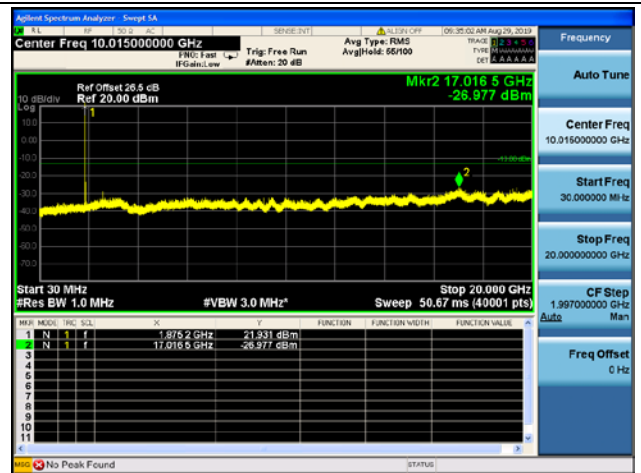
10MHz/QPSK/Mid CH



10MHz/16QAM/Mid CH



10MHz/64QAM/Mid CH





REPORT No.: SZ19070119W08