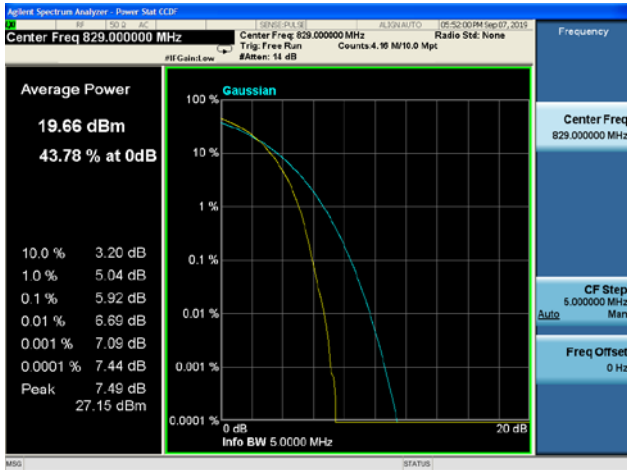


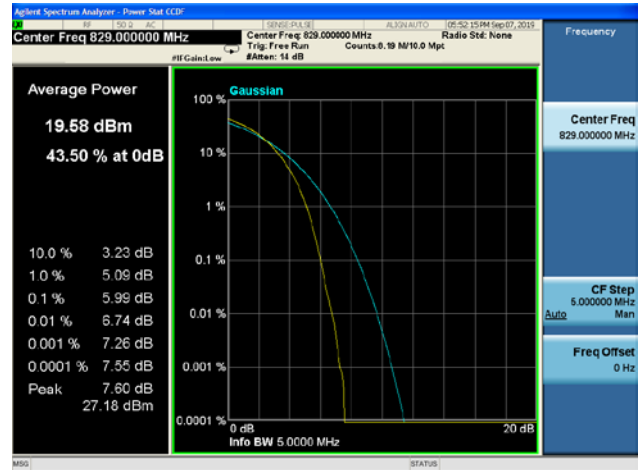


LTE Band 26 Peak-to-Average Ratio

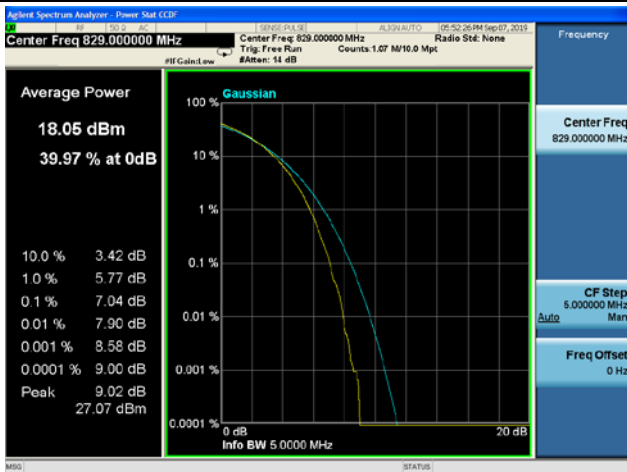
10MHz / QPSK / LCH



10MHz / 16QAM / LCH



10MHz / 64QAM / LCH

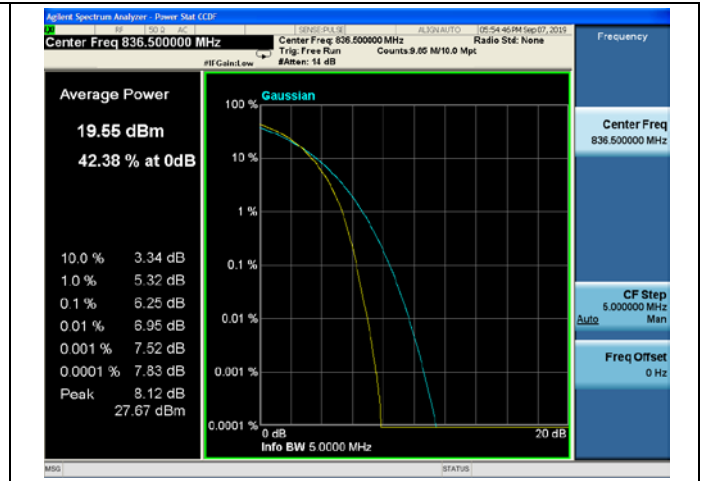
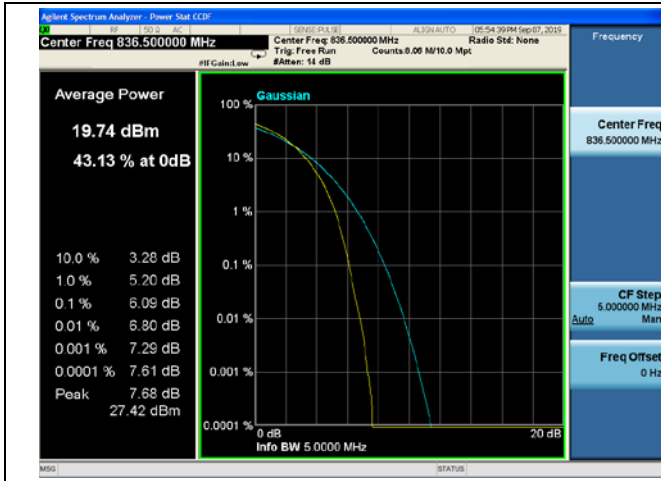


10MHz / QPSK / MCH

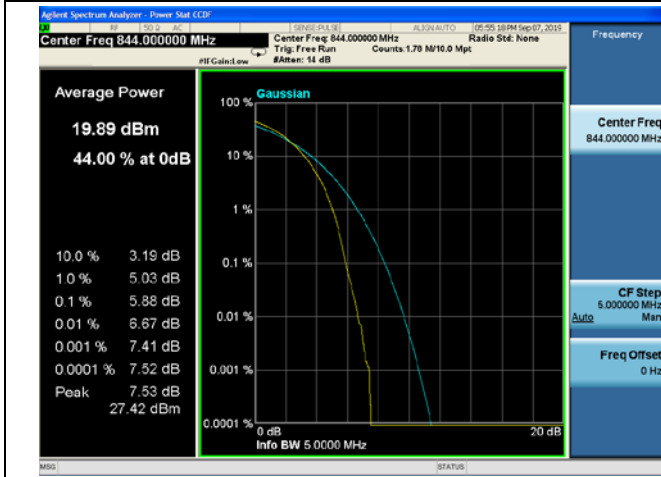


10MHz / 16QAM / MCH

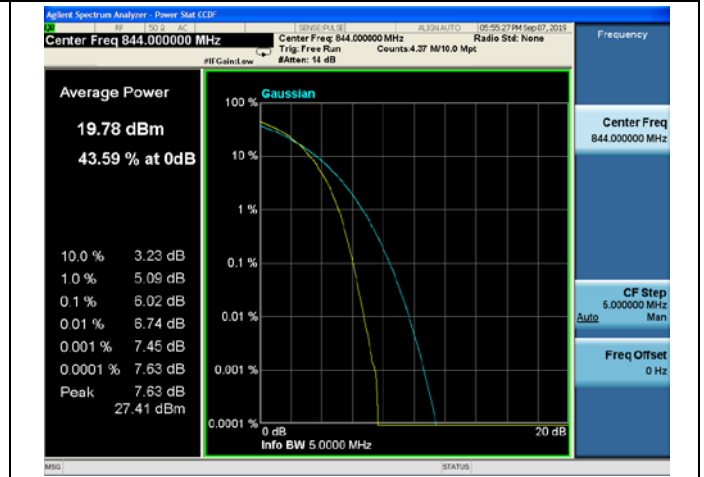
10MHz / 64QAM / MCH



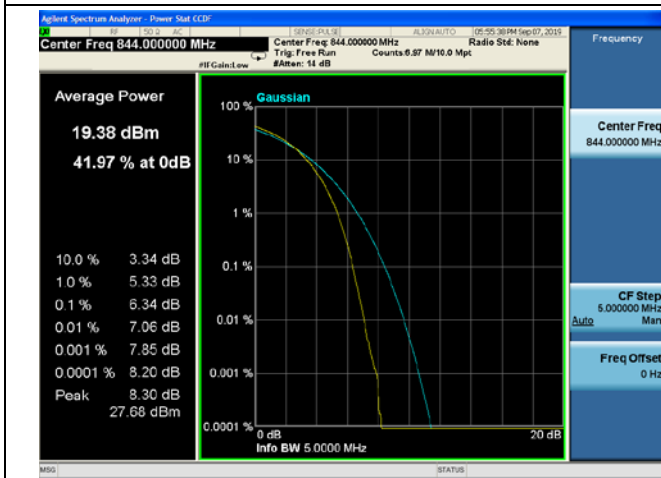
**10MHz / QPSK / HCH**



**10MHz / 16QAM / HCH**



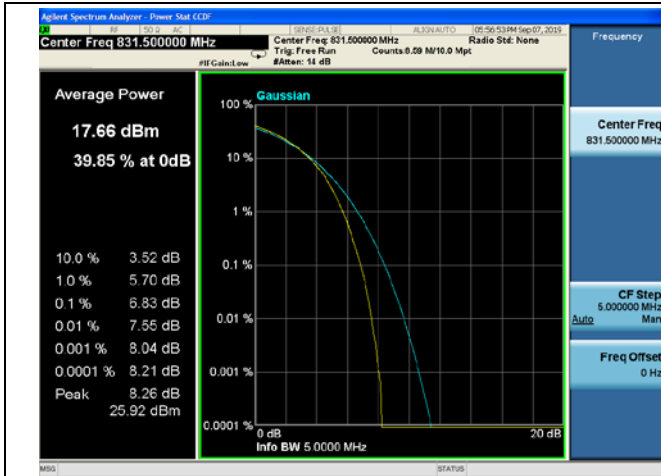
**10MHz / 64QAM / HCH**



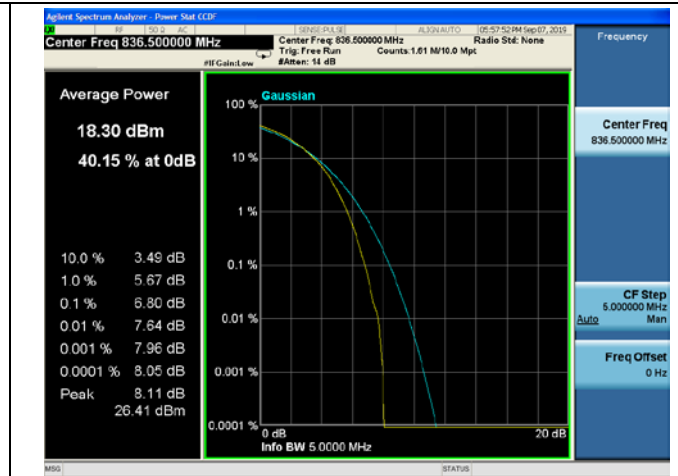


LTE Band 26 Peak-to-Average Ratio

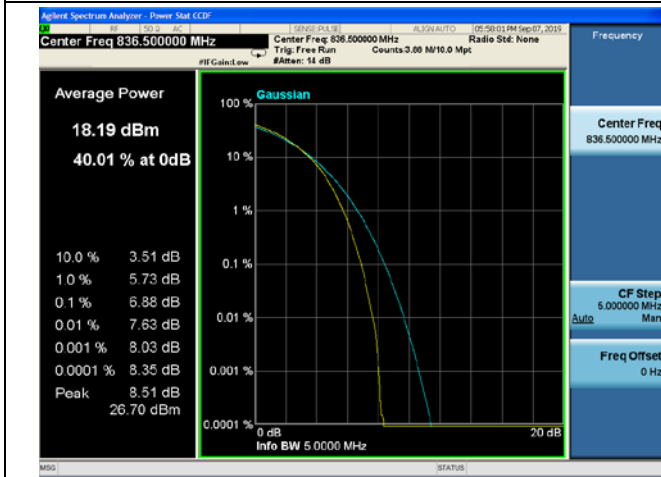
15MHz / QPSK / LCH	15MHz / 16QAM / LCH
<p><b>Average Power</b> 18.03 dBm 40.73 % at 0dB</p> <p>10.0 % 3.47 dB 1.0 % 5.51 dB 0.1 % 6.60 dB 0.01 % 7.31 dB 0.001 % 7.81 dB 0.0001 % 7.86 dB Peak 7.90 dB 25.93 dBm</p> <p>Center Freq 831.500000 MHz CF Step 5.000000 MHz Freq Offset 0 Hz</p>	<p><b>Average Power</b> 17.96 dBm 40.55 % at 0dB</p> <p>10.0 % 3.48 dB 1.0 % 5.55 dB 0.1 % 6.64 dB 0.001 % 7.32 dB 0.0001 % 7.81 dB Peak 7.97 dB 25.93 dBm</p> <p>Center Freq 831.500000 MHz CF Step 5.000000 MHz Freq Offset 0 Hz</p>
15MHz / 64QAM / LCH	15MHz / QPSK / MCH



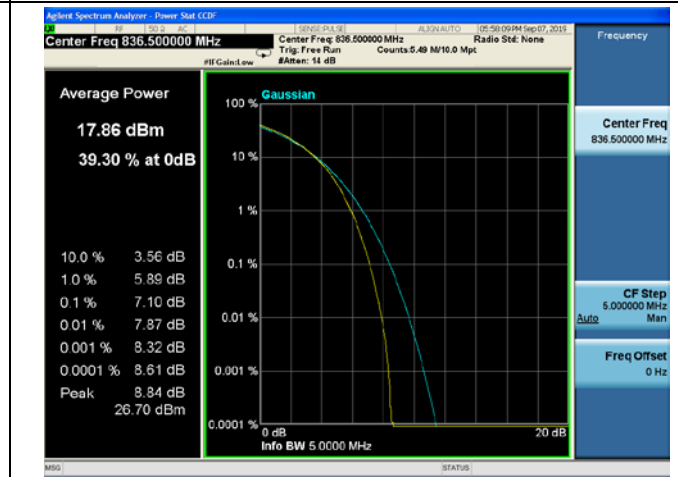
15MHz / 16QAM / MCH



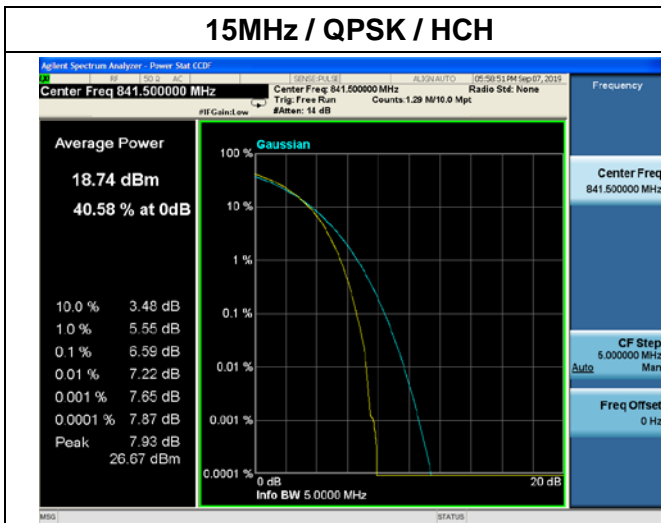
15MHz / 64QAM / MCH



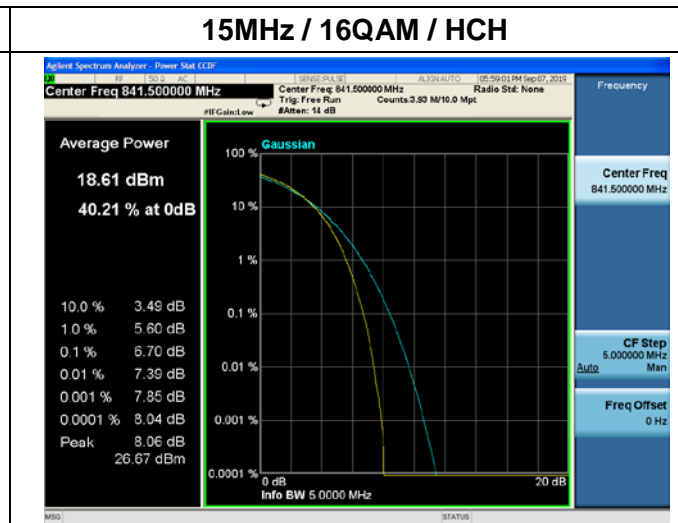
15MHz / QPSK / HCH

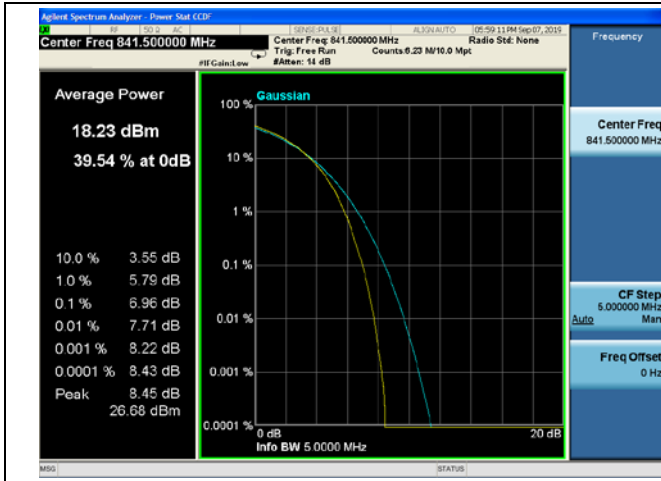


15MHz / 16QAM / HCH



15MHz / 64QAM / HCH

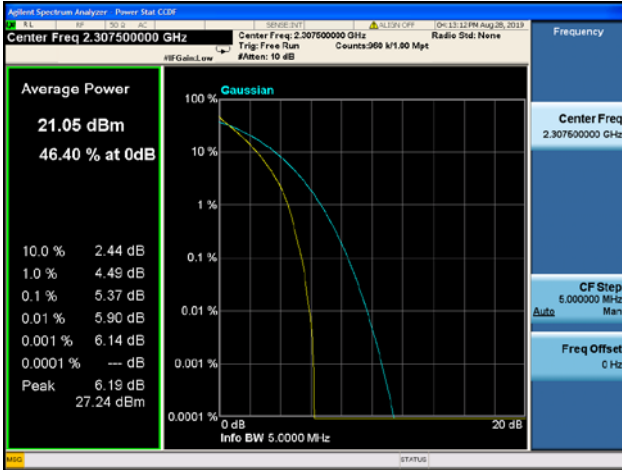




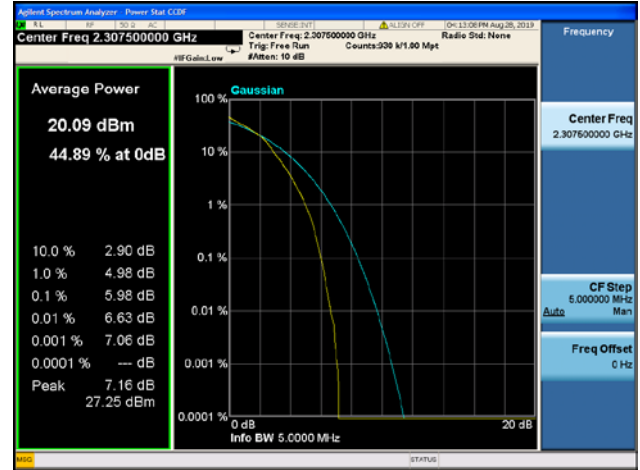


LTE Band 30 Peak-to-Average Ratio

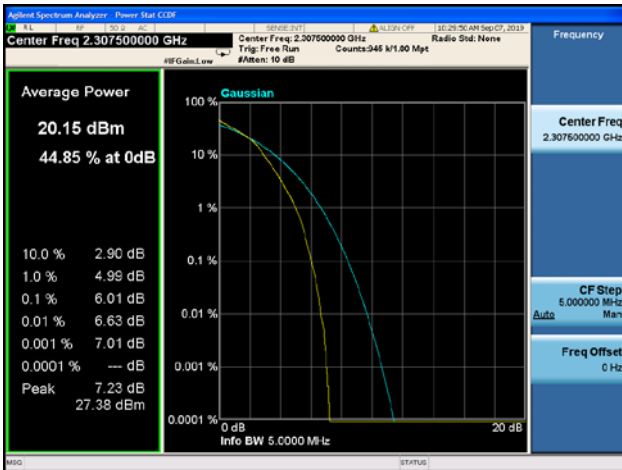
5MHz / QPSK / LCH



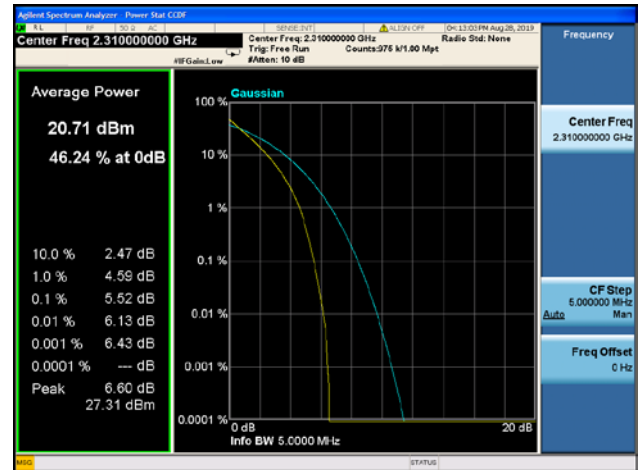
5MHz / 16QAM / LCH



5MHz / 64QAM / LCH

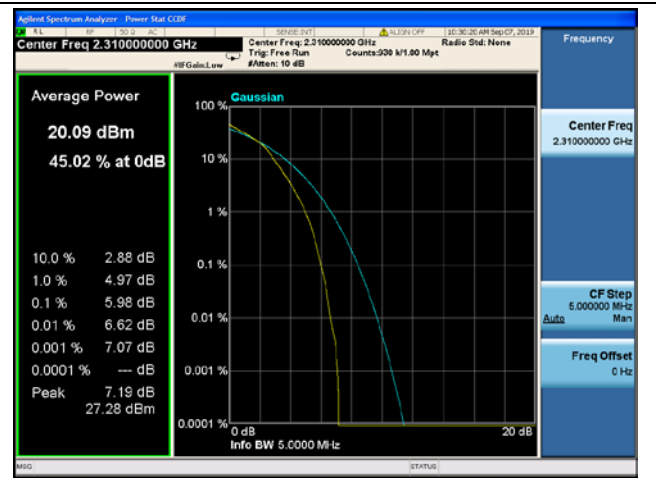
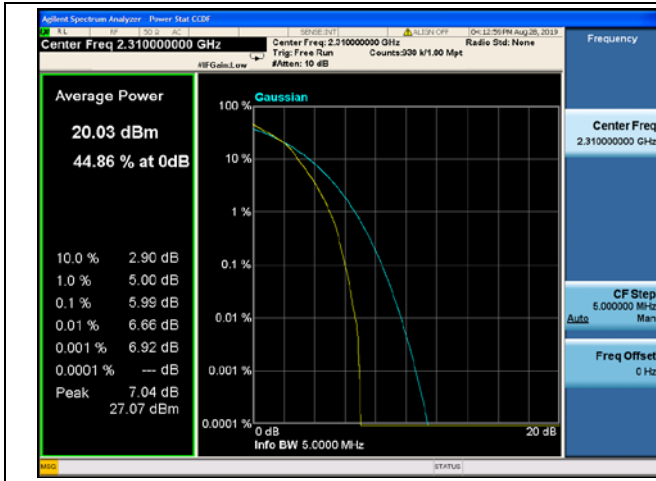


5MHz / QPSK / MCH

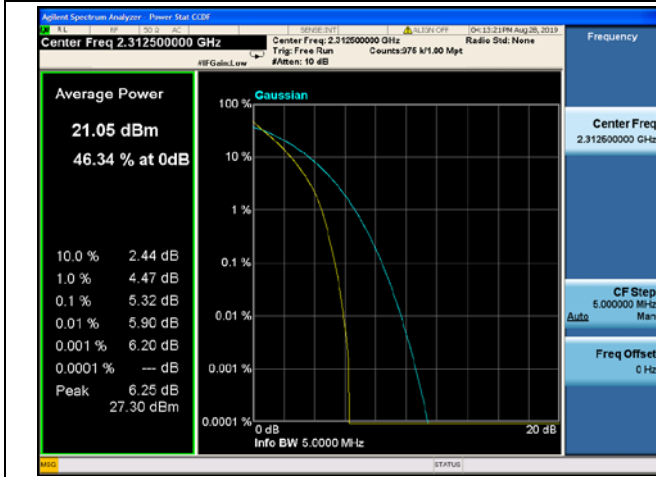


5MHz / 16QAM / MCH

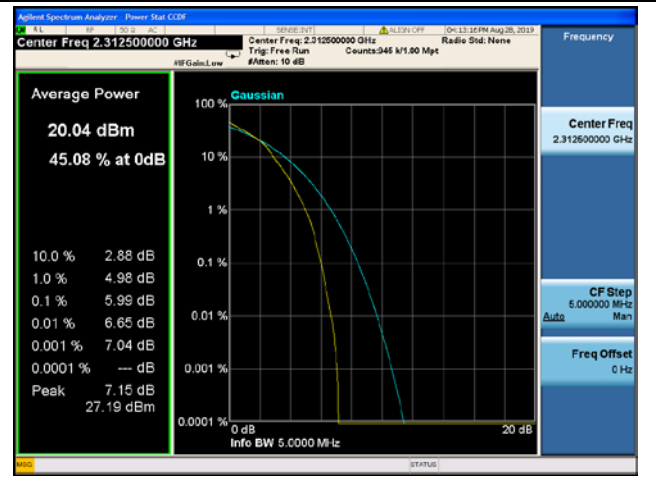
5MHz / 64QAM / MCH



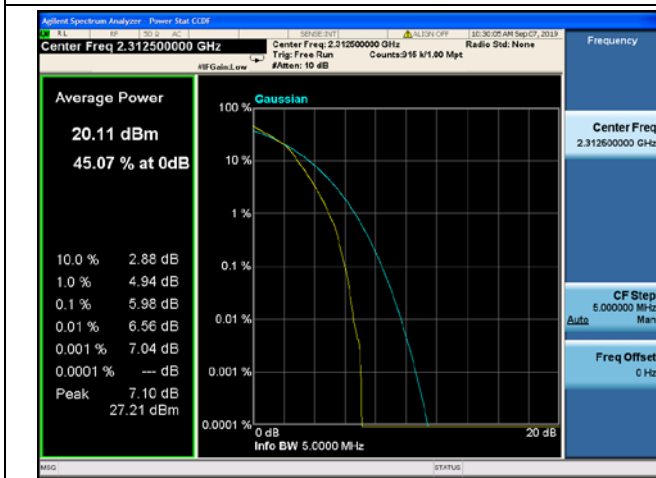
**5MHz / QPSK / HCH**



**5MHz / 16QAM / HCH**



**5MHz / 64QAM / HCH**





LTE Band 30 Peak-to-Average Ratio

10MHz / QPSK / MCH

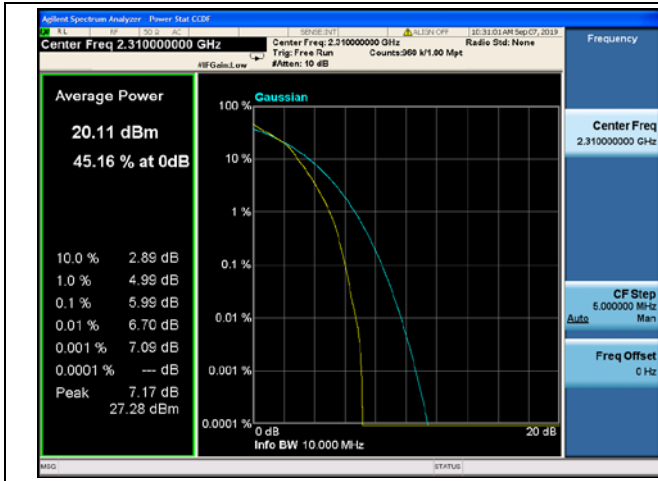


10MHz / 16QAM / MCH



10MHz / 64QAM / MCH

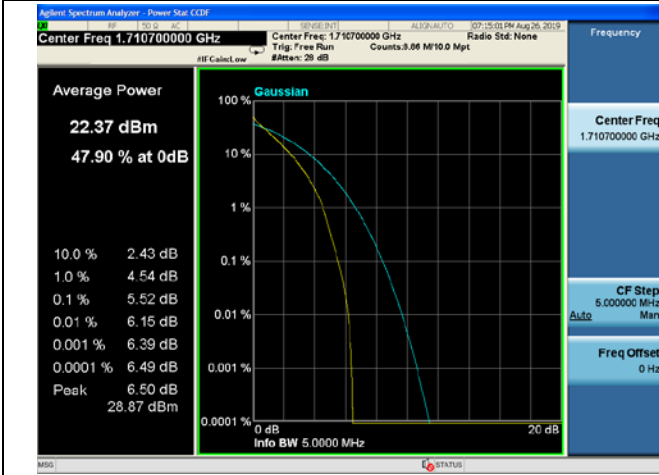




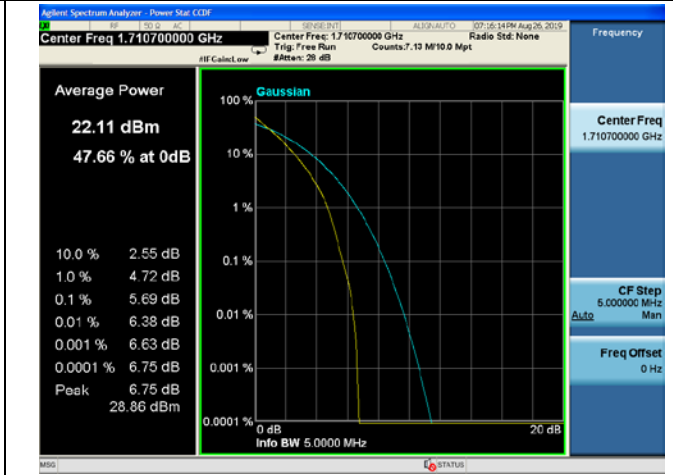


LTE Band 66 Peak-to-Average Ratio

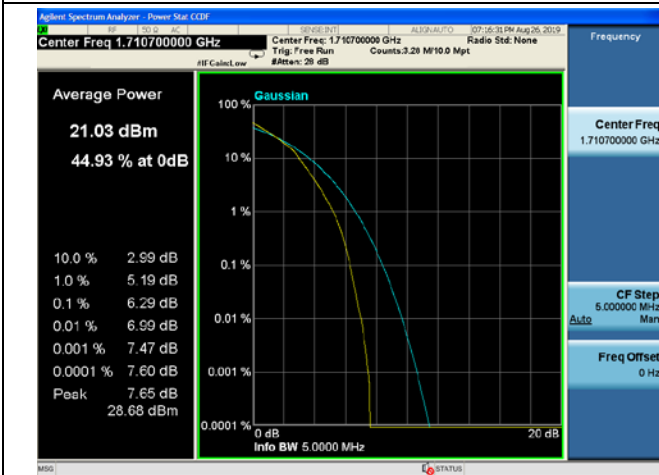
1.4MHz / QPSK / LCH



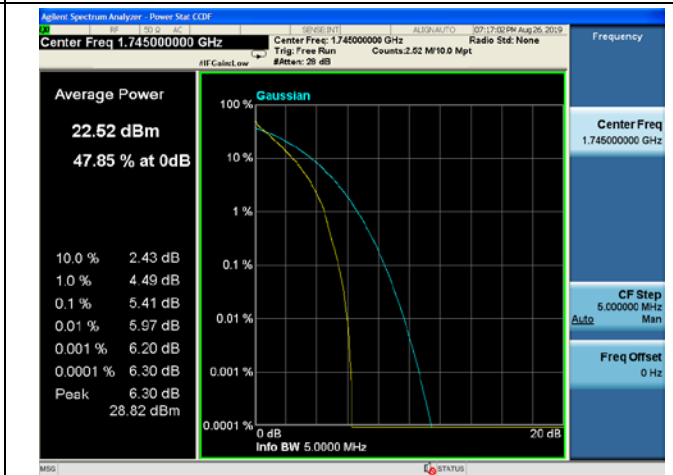
1.4MHz / 16QAM / LCH



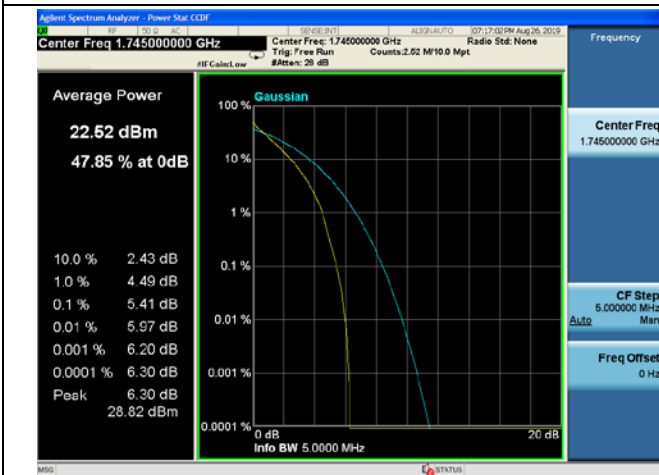
1.4MHz / 64QAM / LCH



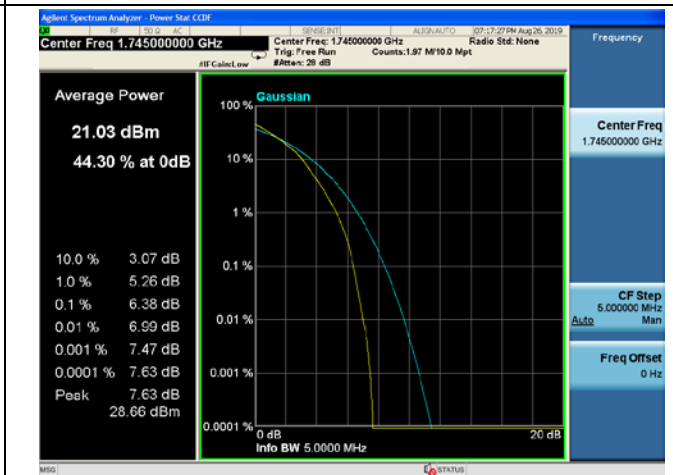
1.4MHz / QPSK / MCH

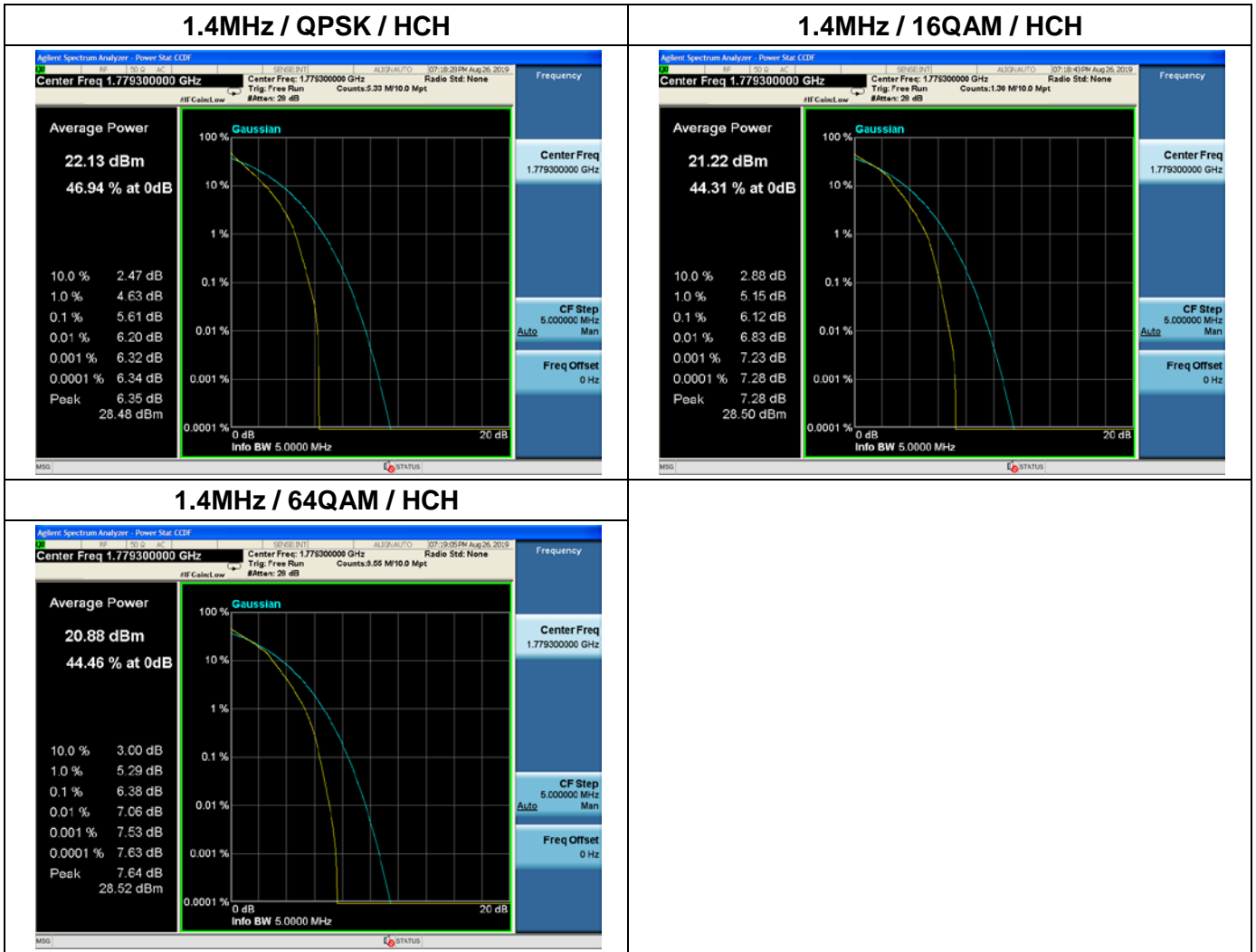


1.4MHz / 16QAM / MCH



1.4MHz / 64QAM / MCH

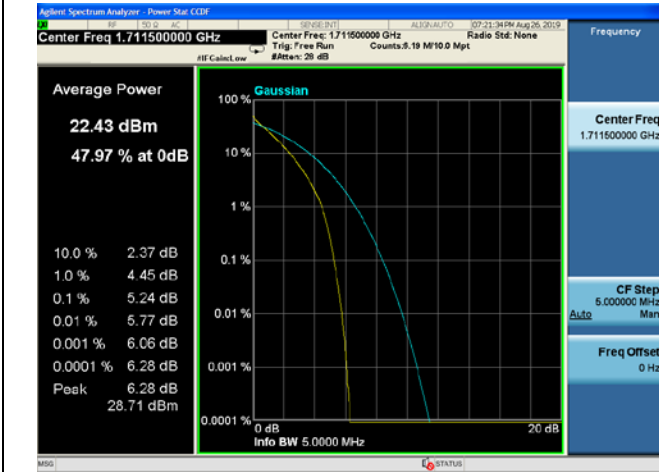




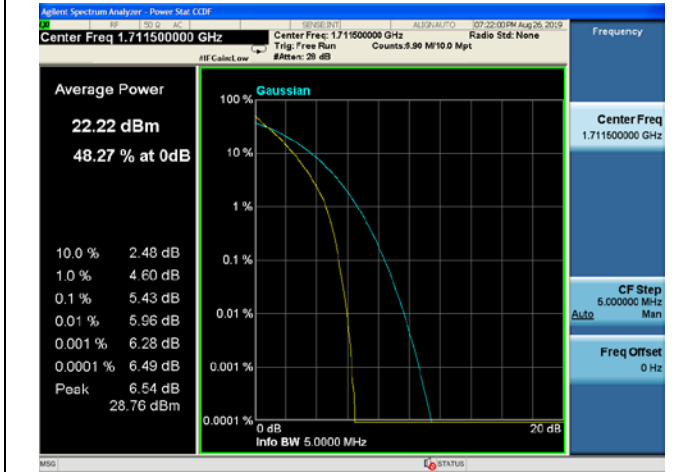


LTE Band 66 Peak-to-Average Ratio

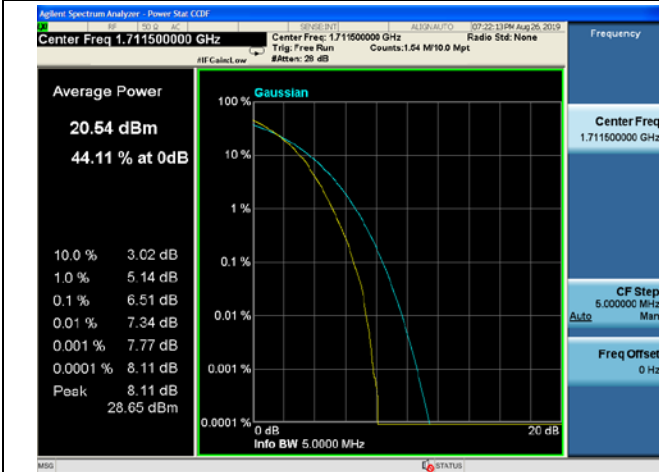
3MHz / QPSK / LCH



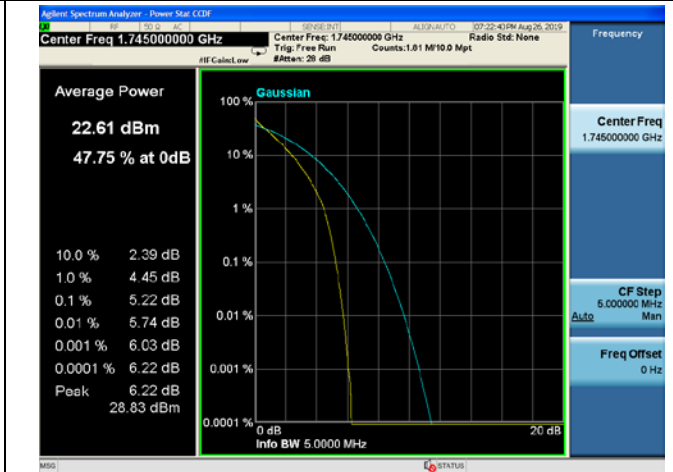
3MHz / 16QAM / LCH



3MHz / 64QAM / LCH

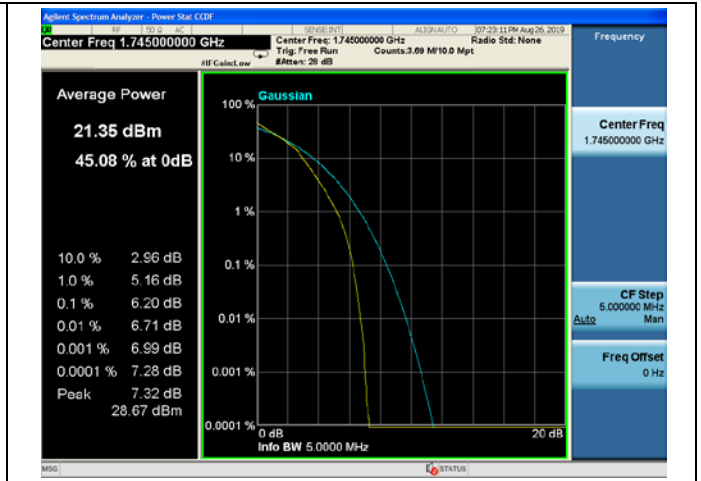
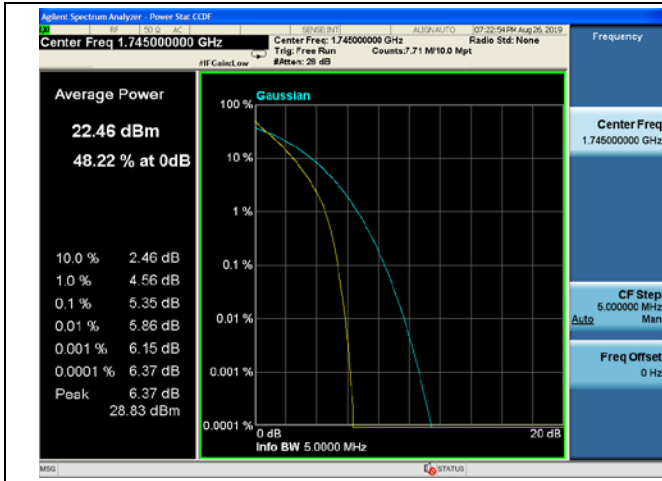


3MHz / QPSK / MCH

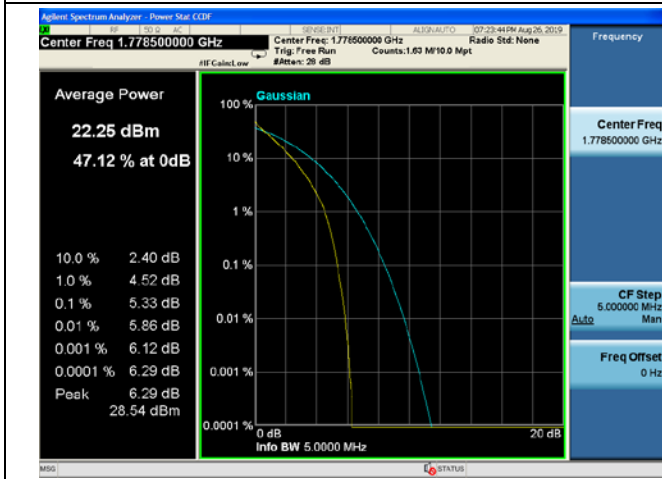


3MHz / 16QAM / MCH

3MHz / 64QAM / MCH



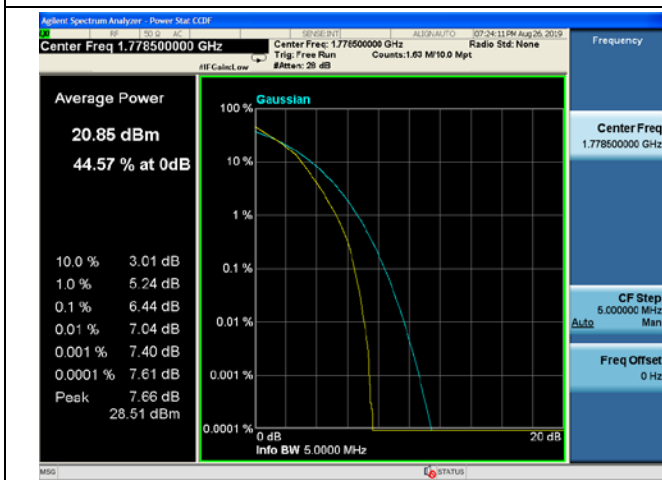
**3MHz / QPSK / HCH**



**3MHz / 16QAM / HCH**



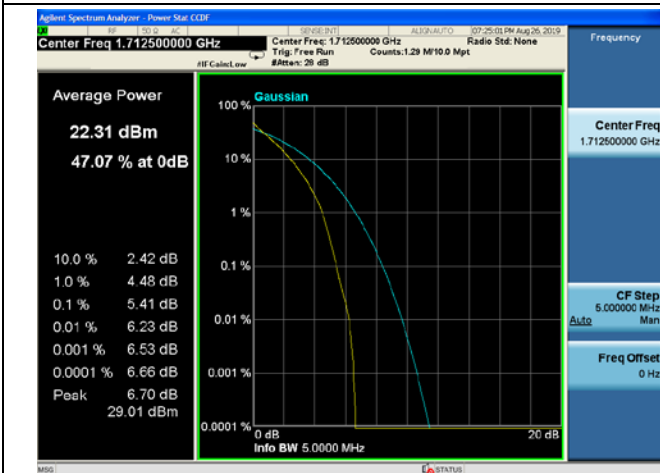
**3MHz / 64QAM / HCH**



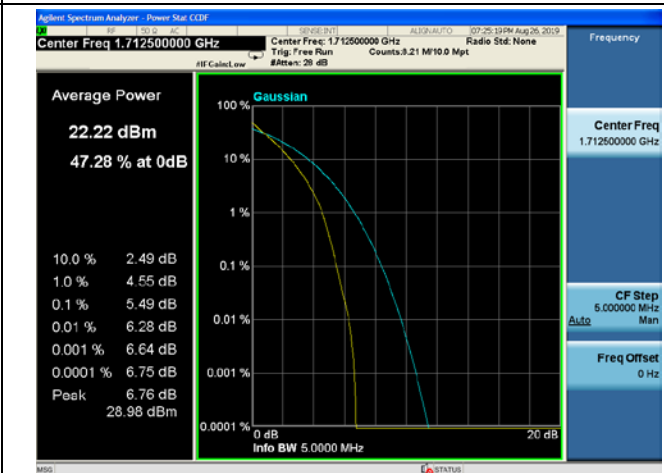


LTE Band 66 Peak-to-Average Ratio

5MHz / QPSK / LCH

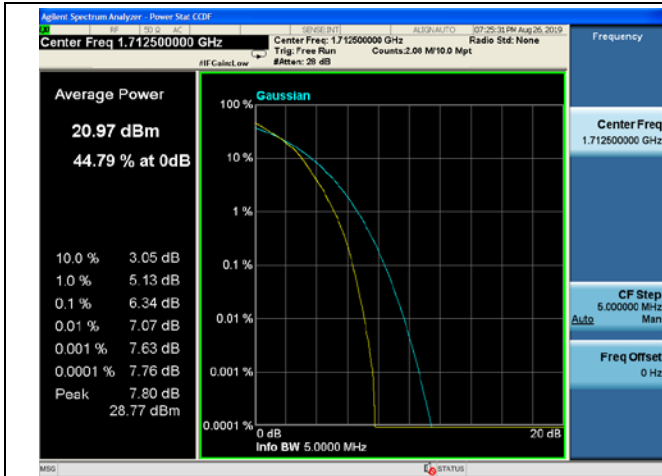


5MHz / 16QAM / LCH

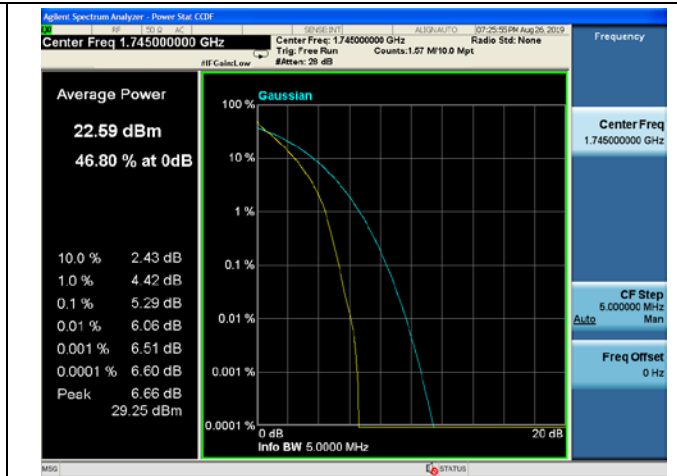


5MHz / 64QAM / LCH

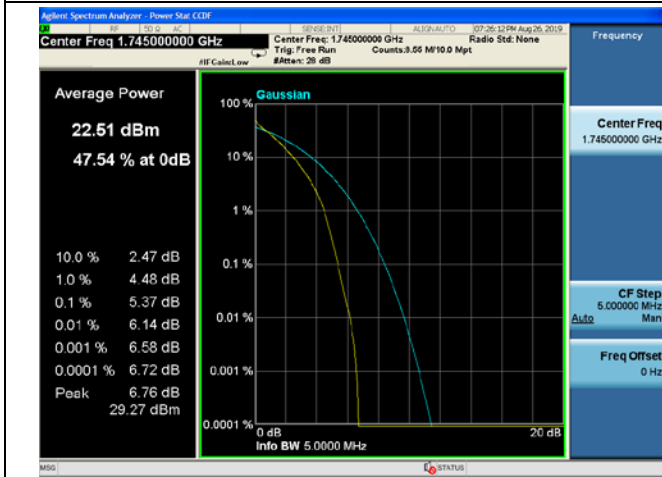
5MHz / QPSK / MCH



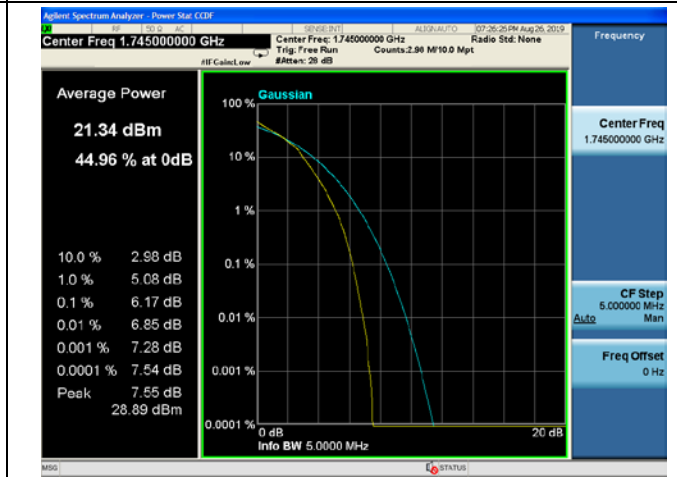
5MHz / 16QAM / MCH



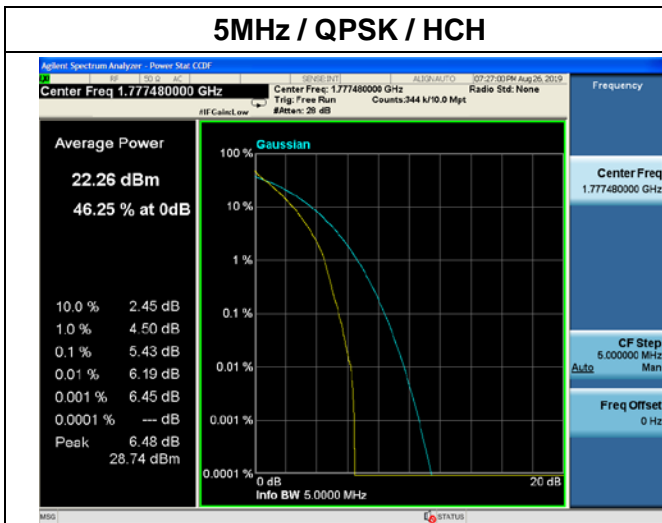
5MHz / 64QAM / MCH



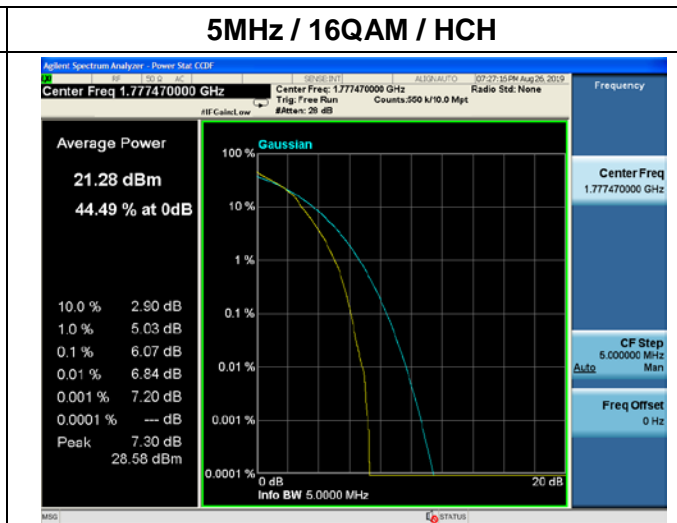
5MHz / QPSK / HCH

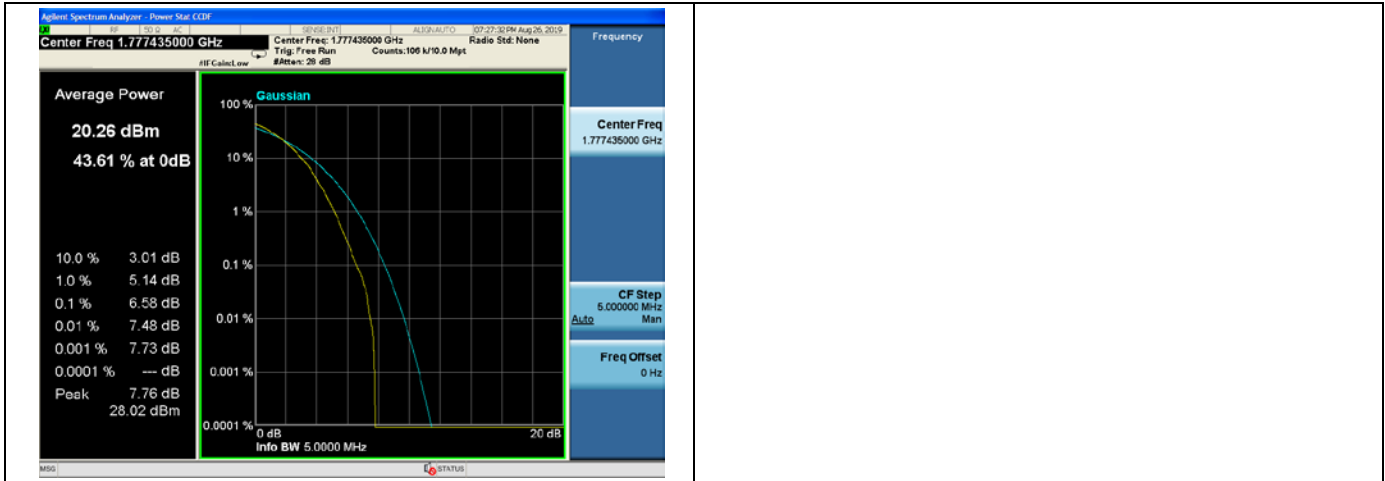


5MHz / 16QAM / HCH



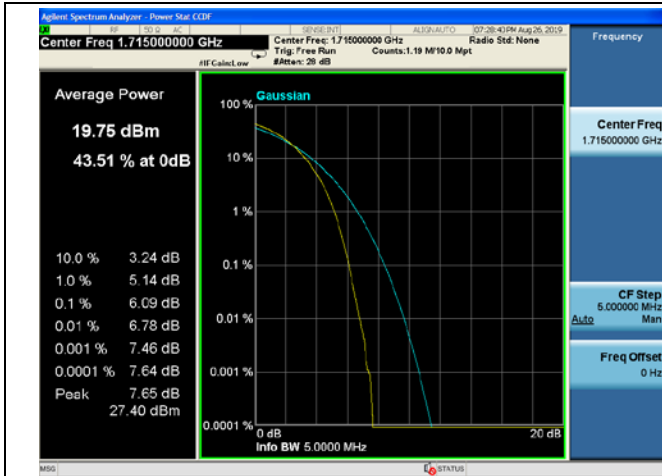
5MHz / 64QAM / HCH



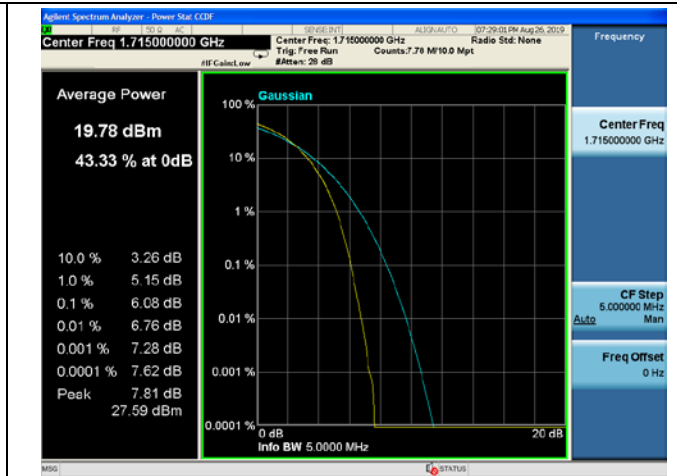


LTE Band 66 Peak-to-Average Ratio	
10MHz / QPSK / LCH	10MHz / 16QAM / LCH

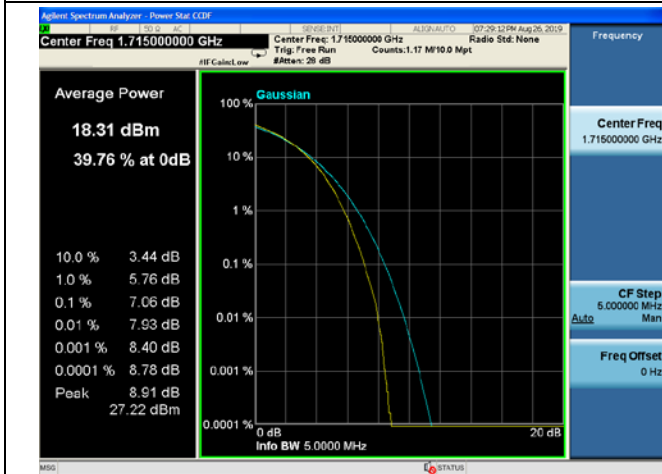




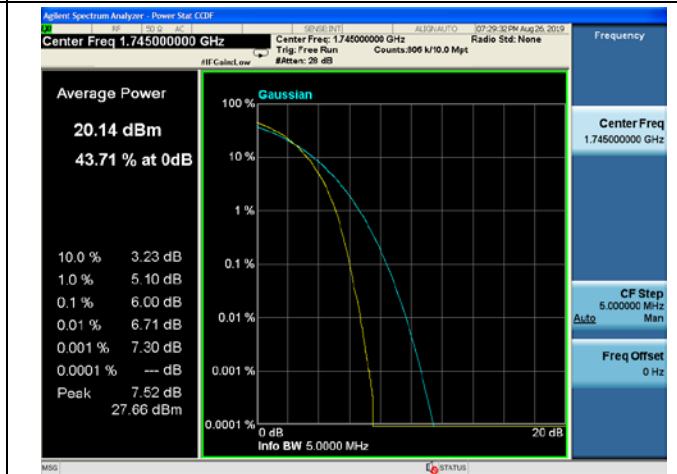
10MHz / 64QAM / LCH



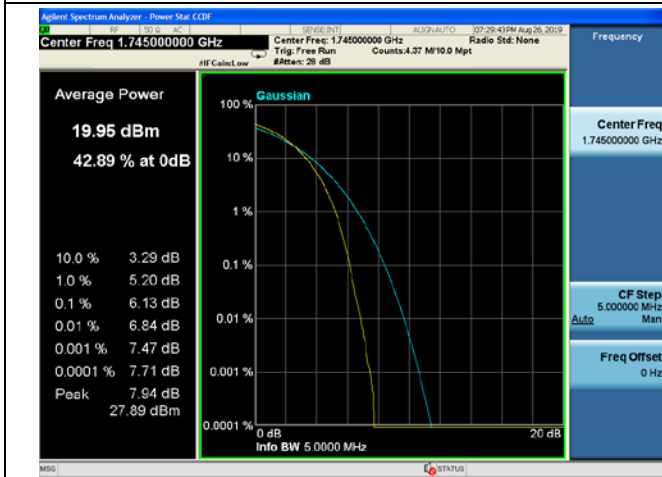
10MHz / QPSK / MCH



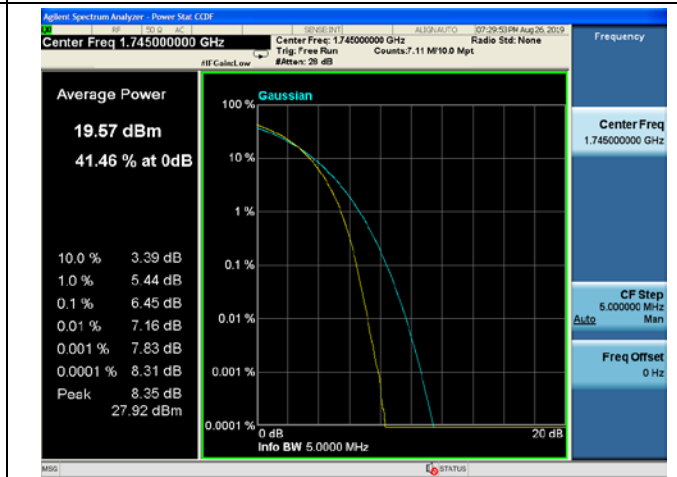
10MHz / 16QAM / MCH



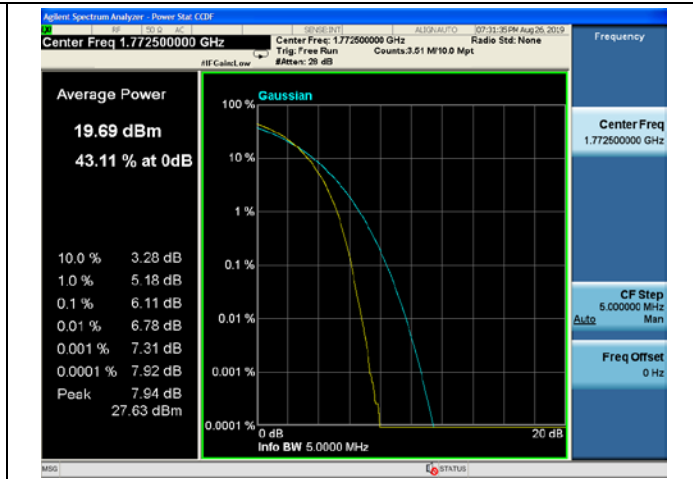
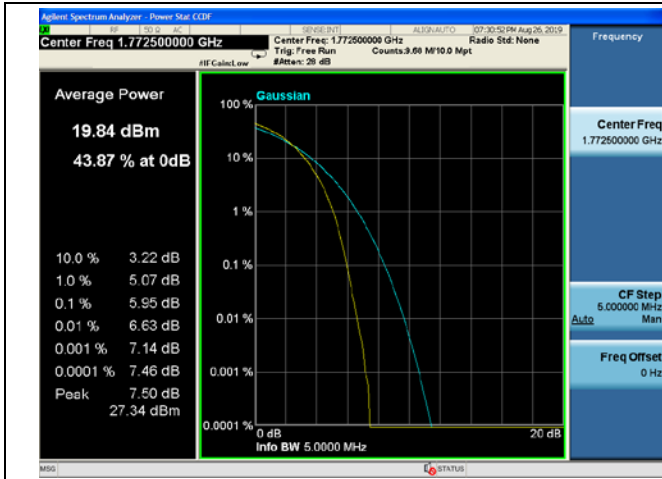
10MHz / 64QAM / MCH



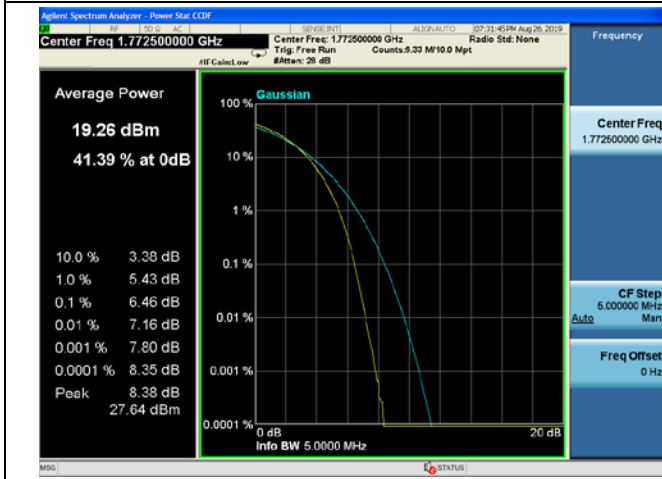
10MHz / QPSK / HCH



10MHz / 16QAM / HCH



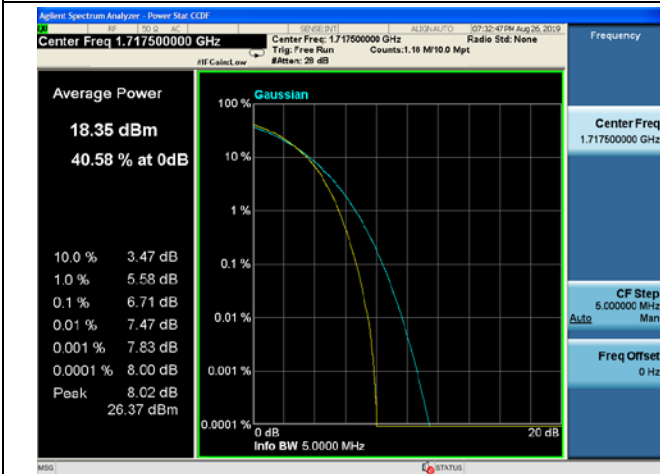
**10MHz / 64QAM / HCH**



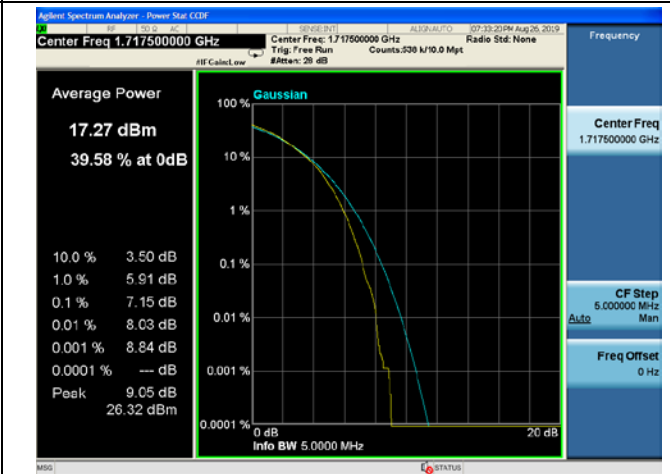


LTE Band 66 Peak-to-Average Ratio

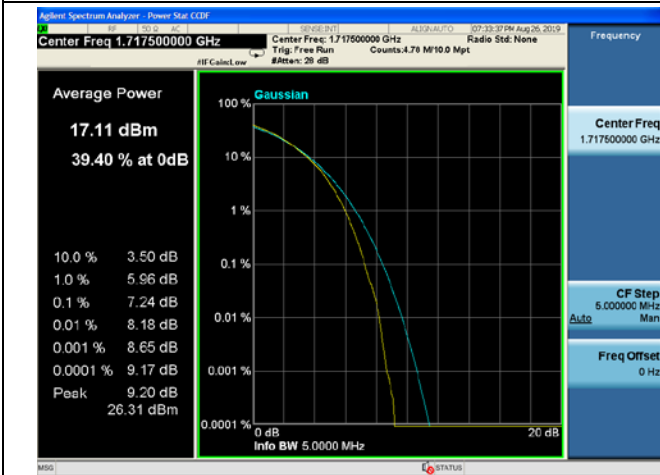
15MHz / QPSK / LCH



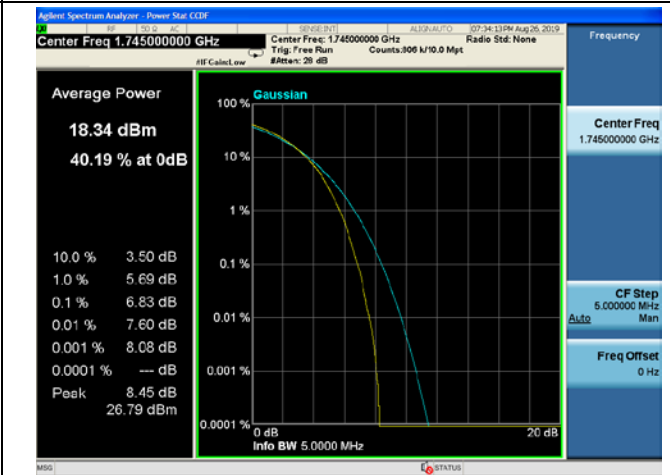
15MHz / 16QAM / LCH



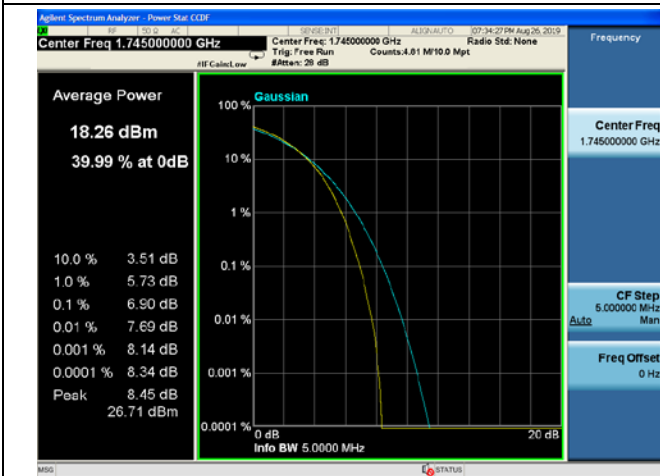
15MHz / 64QAM / LCH



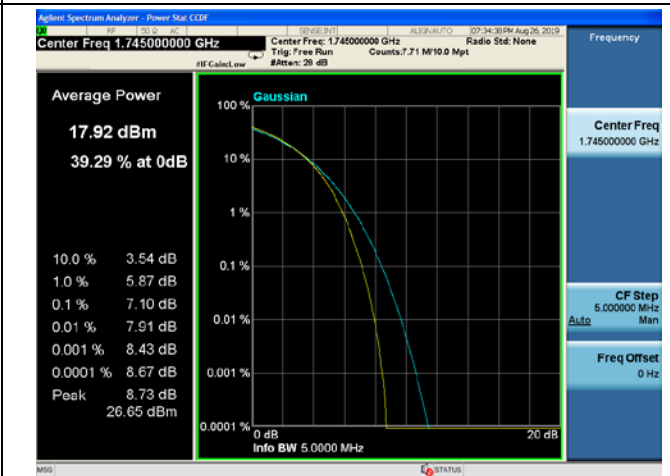
15MHz / QPSK / MCH

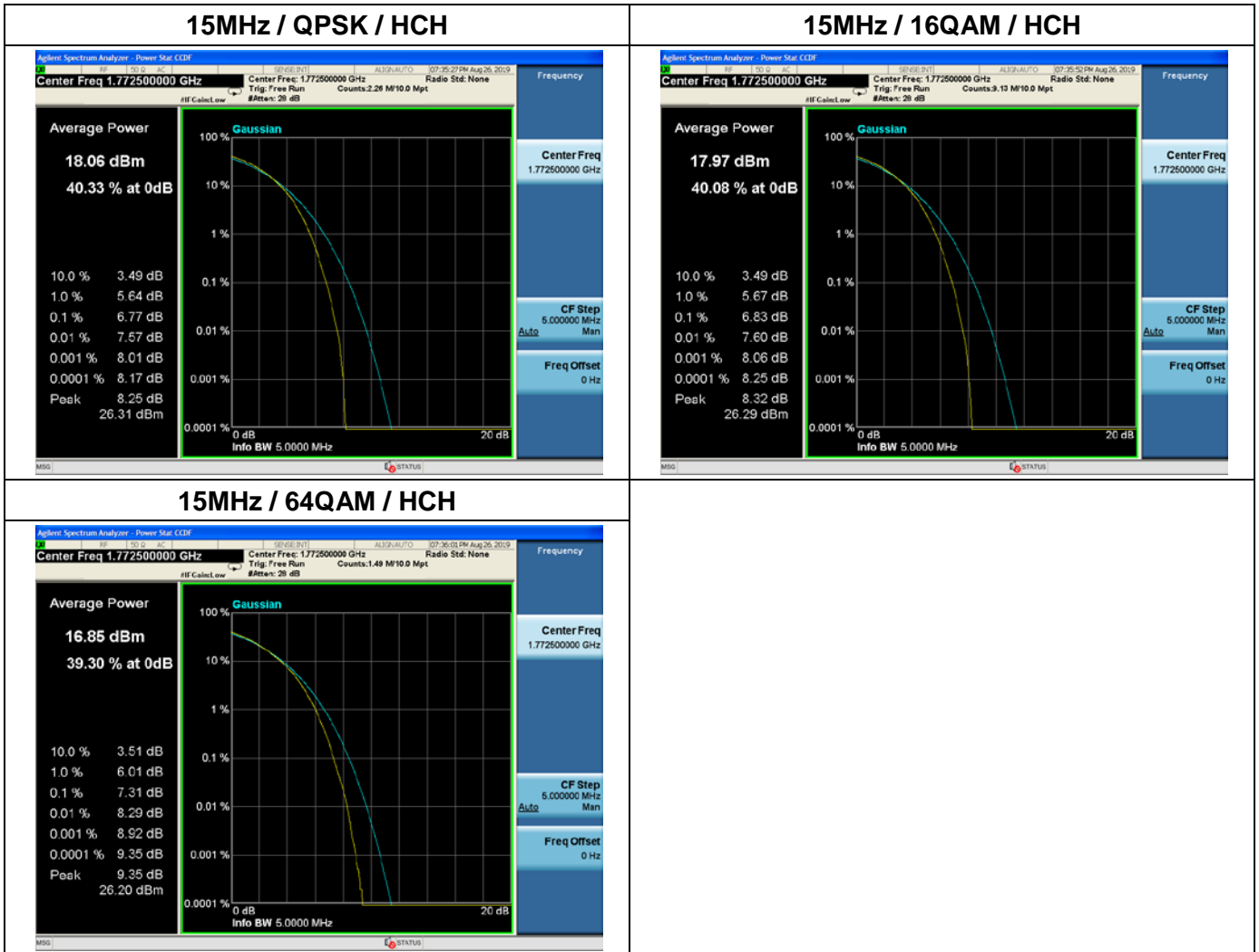


15MHz / 16QAM / MCH



15MHz / 64QAM / MCH

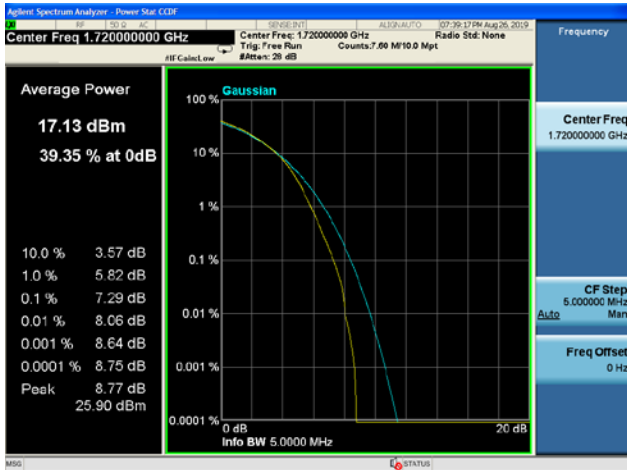




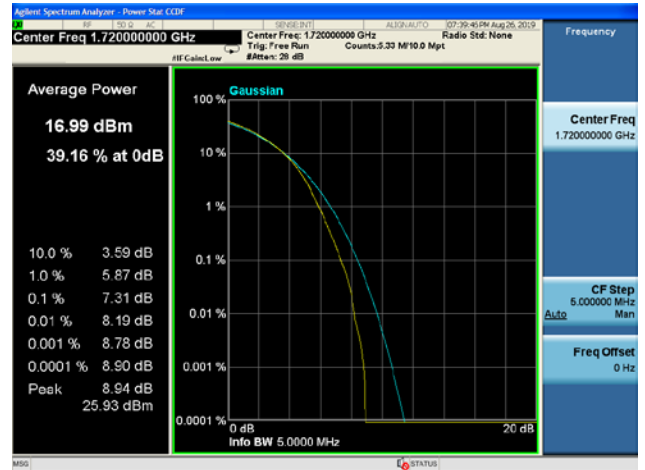


LTE Band 66 Peak-to-Average Ratio

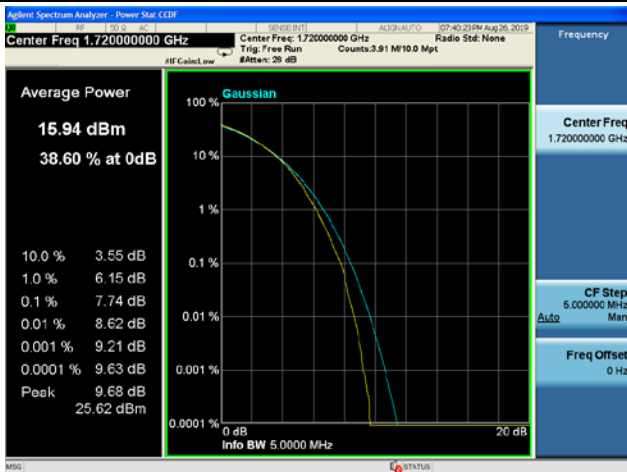
20MHz / QPSK / LCH



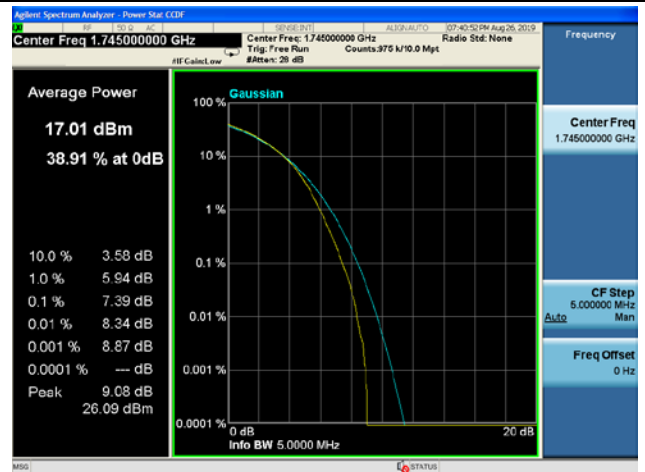
20MHz / 16QAM / LCH



20MHz / 64QAM / LCH

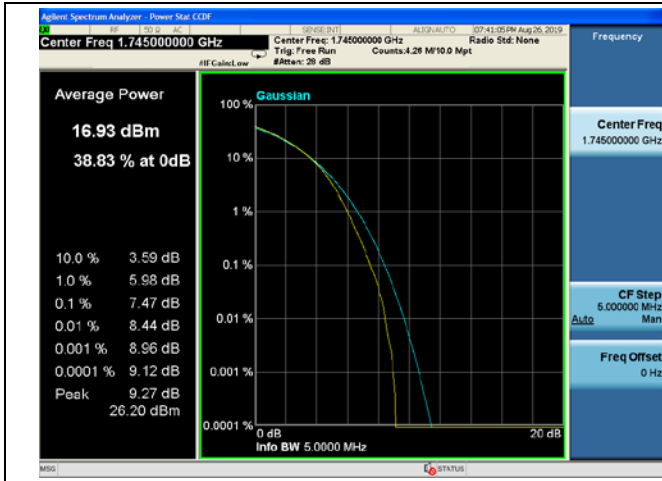


20MHz / QPSK / MCH

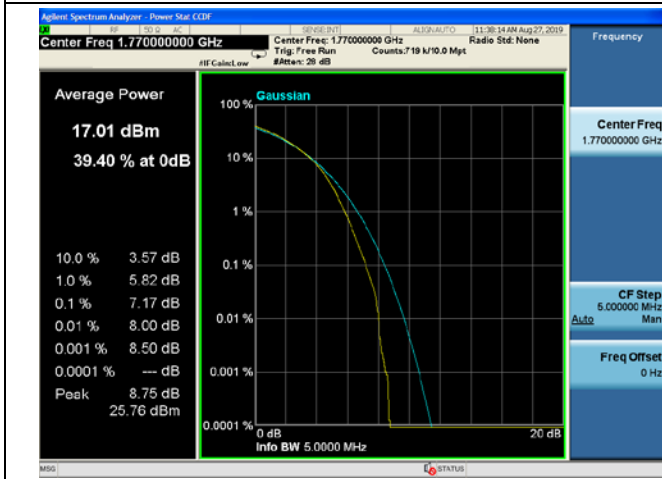


20MHz / 16QAM / MCH

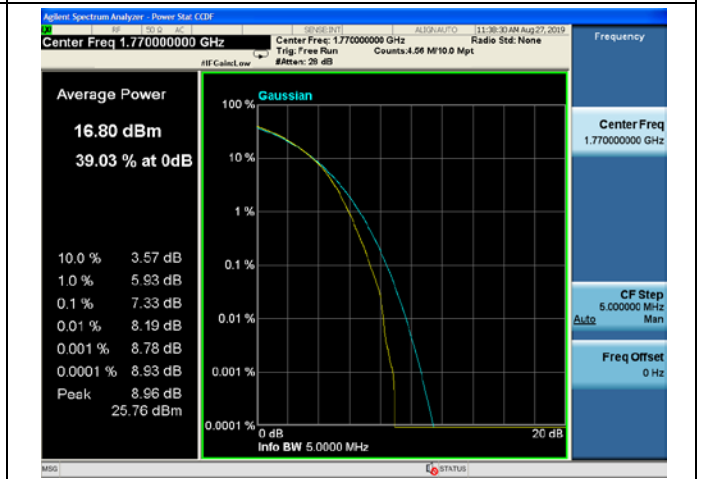
20MHz / 64QAM / MCH



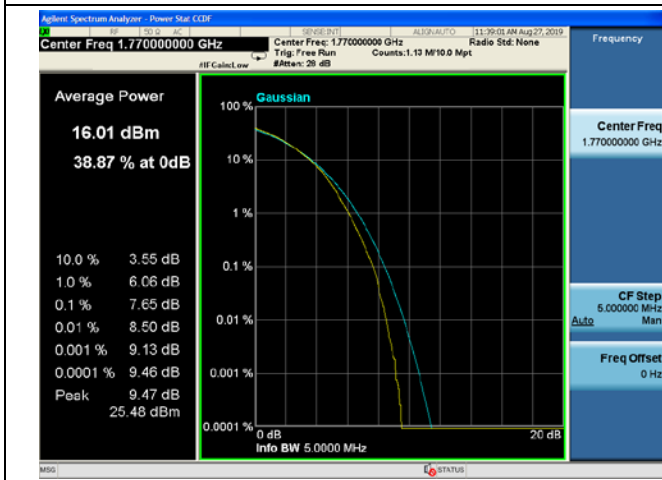
20MHz / QPSK / HCH



20MHz / 16QAM / HCH



20MHz / 64QAM / HCH



## 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.

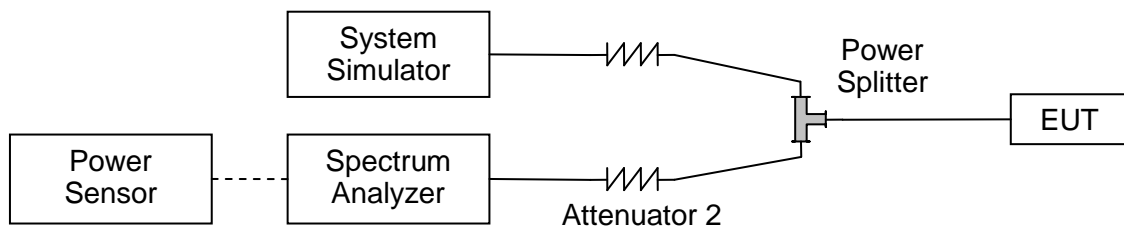
Additional requirement for LTE Band 7/38/41:

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

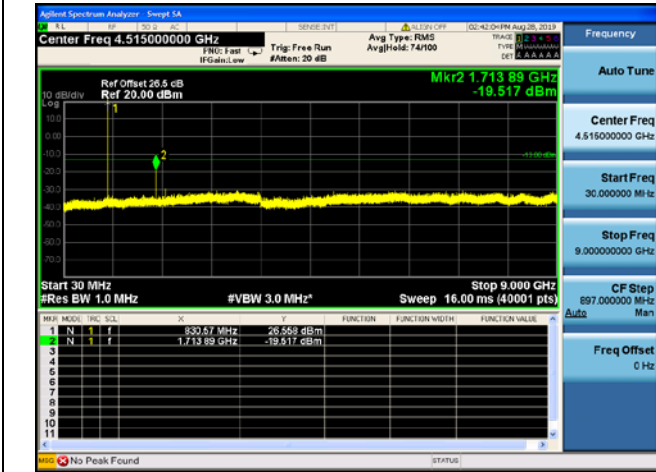
KDB 971168 D01v03 Section 6.0 and ANSI/TIA-603-E-2016.



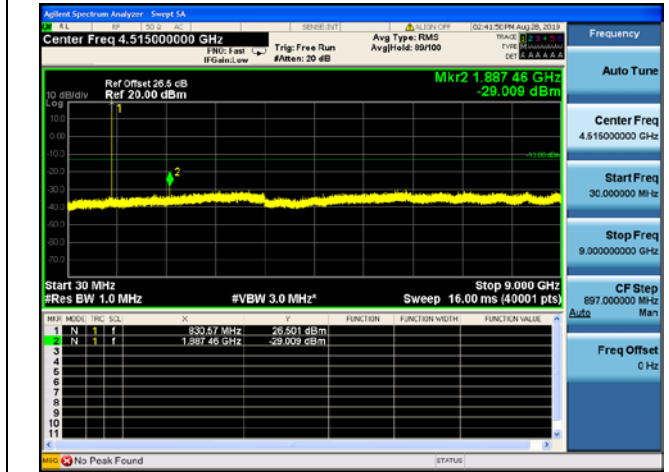
2.5.4. Test Result

LTE Band 19 5MHz BW Low Channel

QPSK



16QAM



64QAM

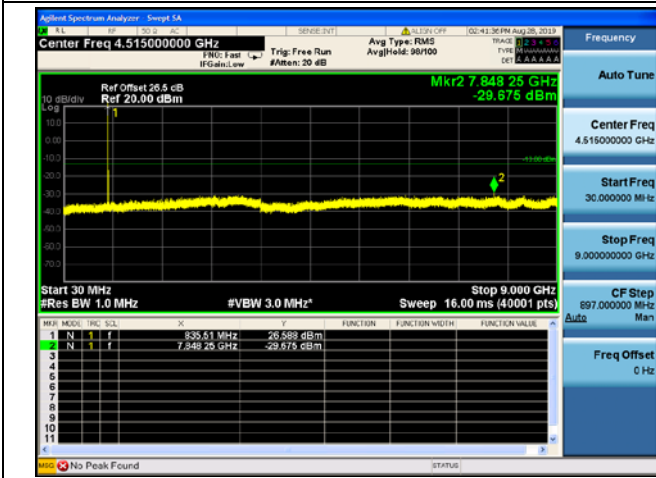




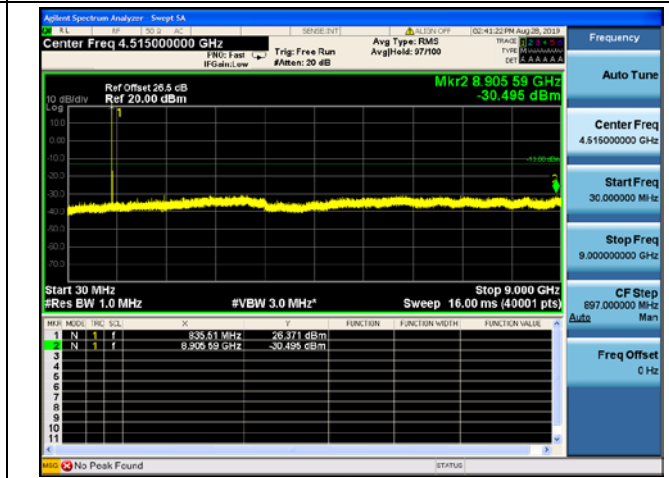


LTE Band 19 5MHz BW Mid Channel

QPSK



16QAM



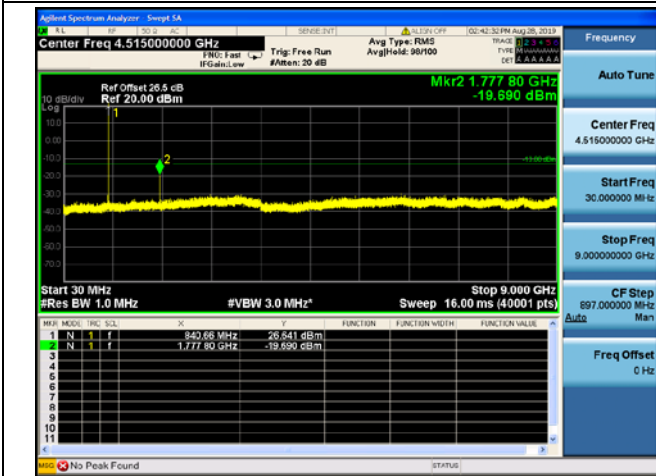
64QAM



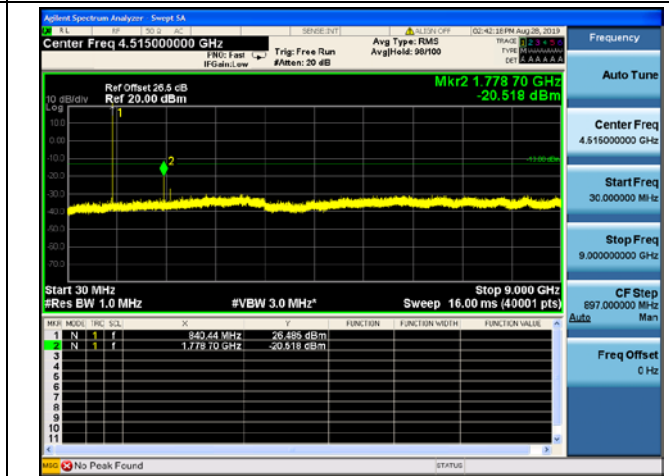


LTE Band 19 5MHz BW High Channel

QPSK



16QAM



64QAM

