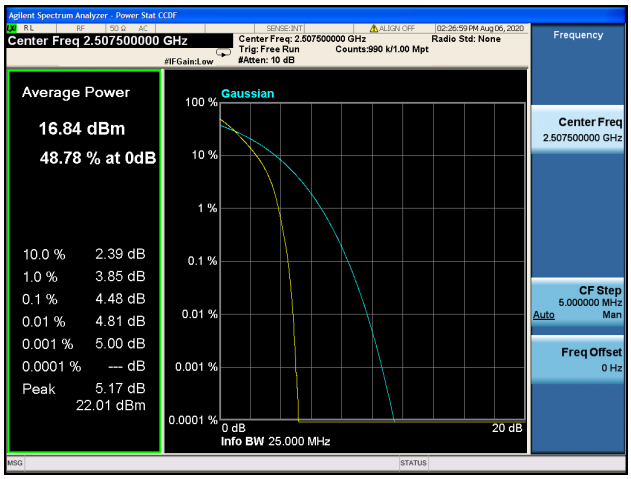
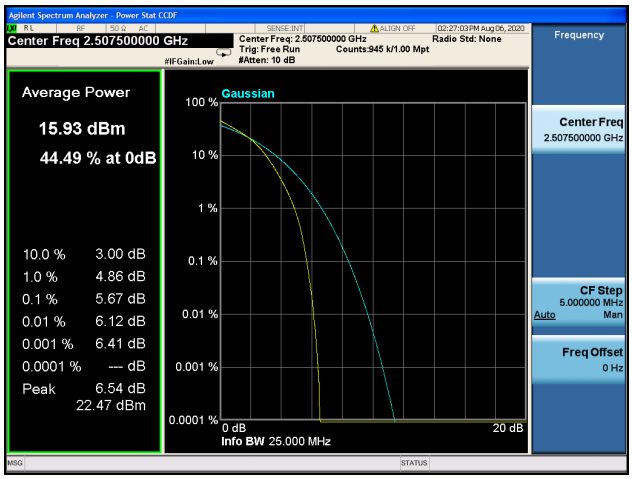
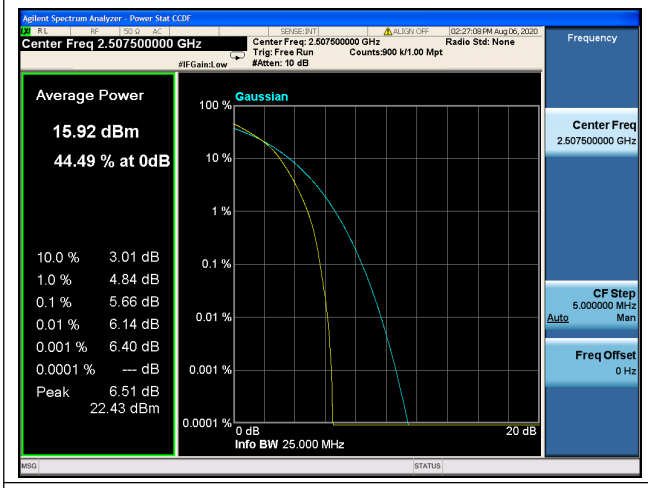
Band7 / 15MHz / Low CH / QPSK



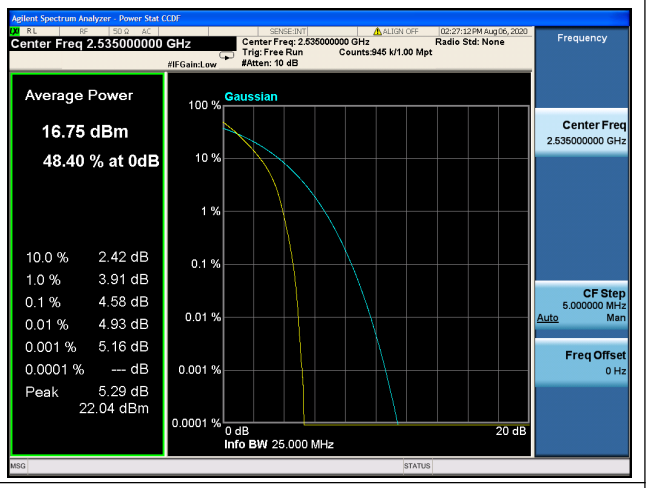
Band7 / 15MHz / Low CH / 16QAM



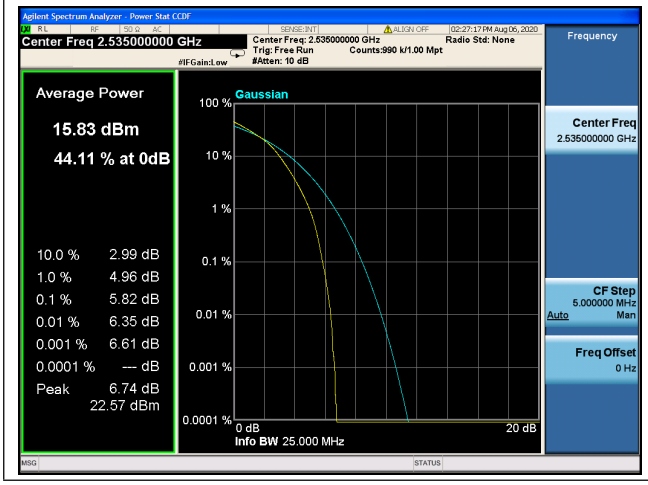
Band7 / 15MHz / Low CH / 64QAM



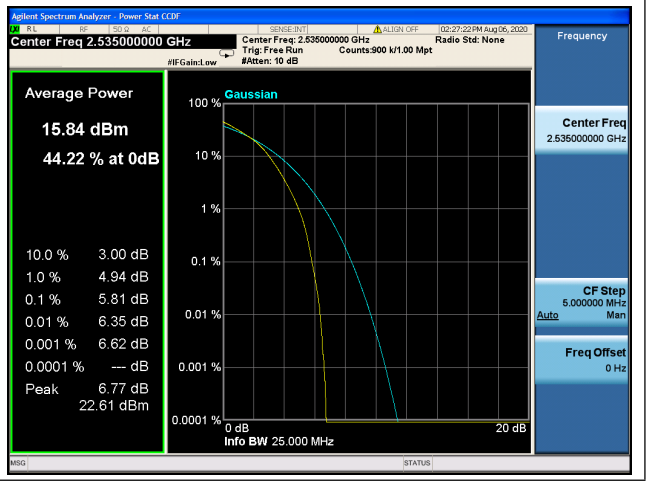
Band7 / 15MHz / Mid CH / QPSK



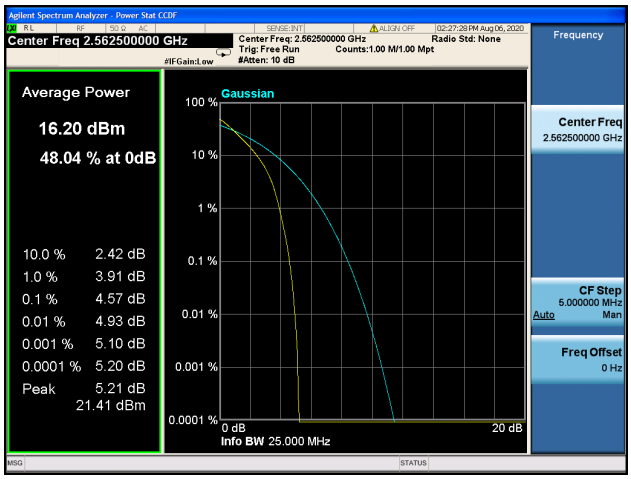
Band7 / 15MHz / Mid CH / 16QAM



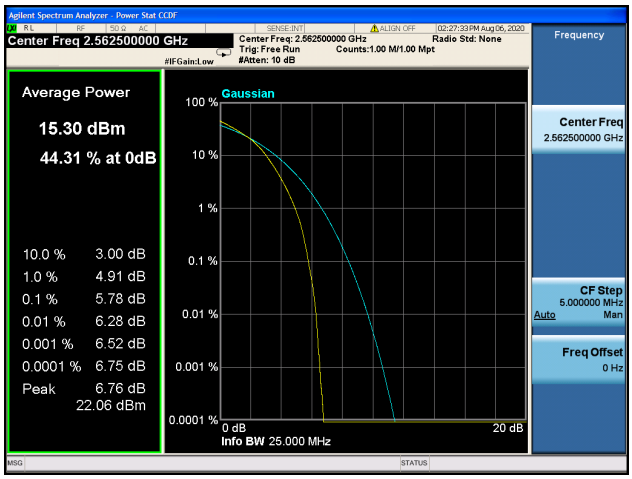
Band7 / 15MHz / Mid CH / 64QAM



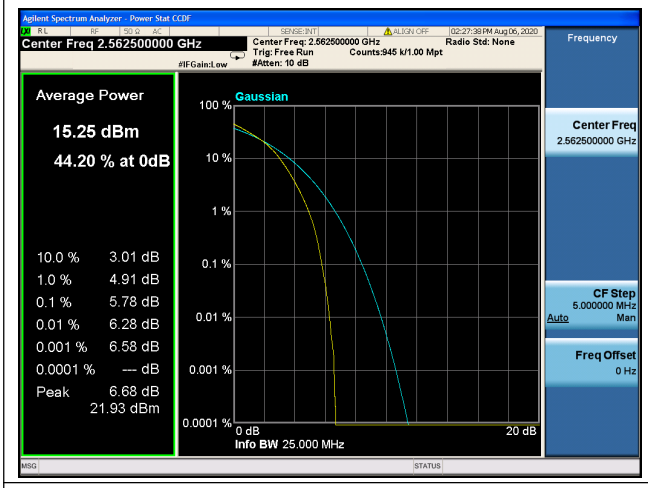
Band7 / 15MHz / High CH / QPSK



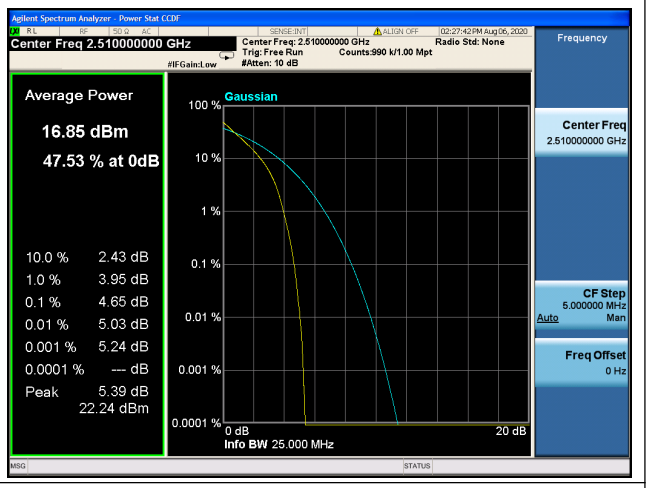
Band7 / 15MHz / High CH / 16QAM



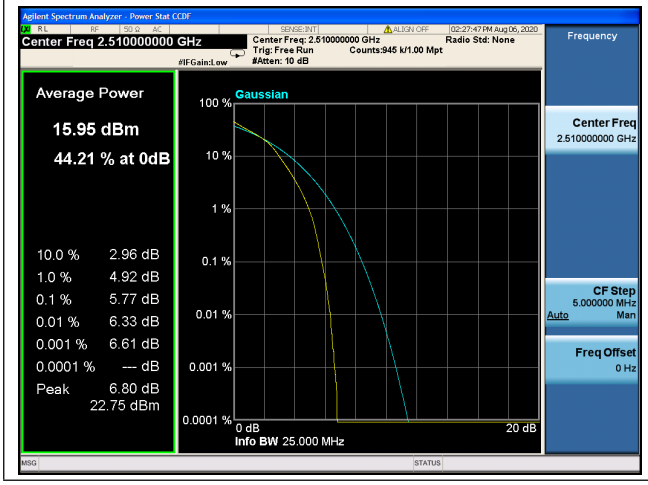
Band7 / 15MHz / High CH / 64QAM



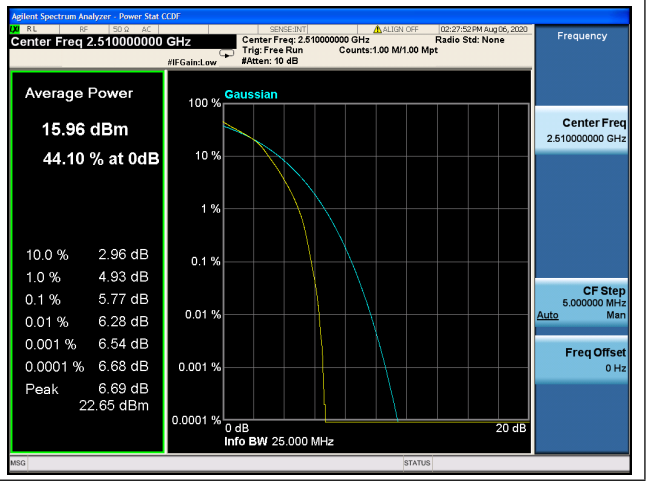
Band7 / 20MHz / Low CH / QPSK



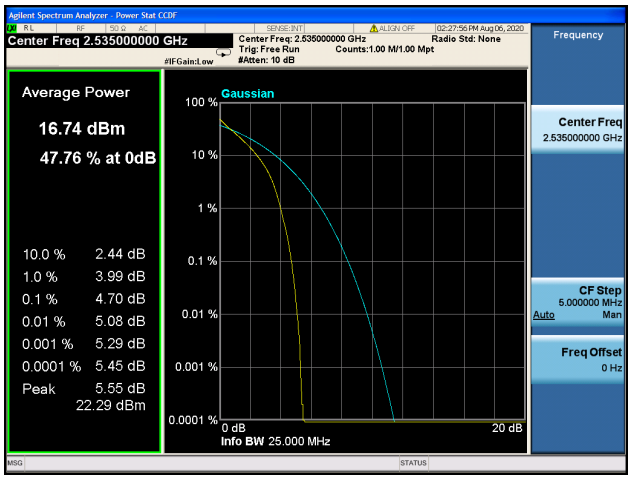
Band7 / 20MHz / Low CH / 16QAM



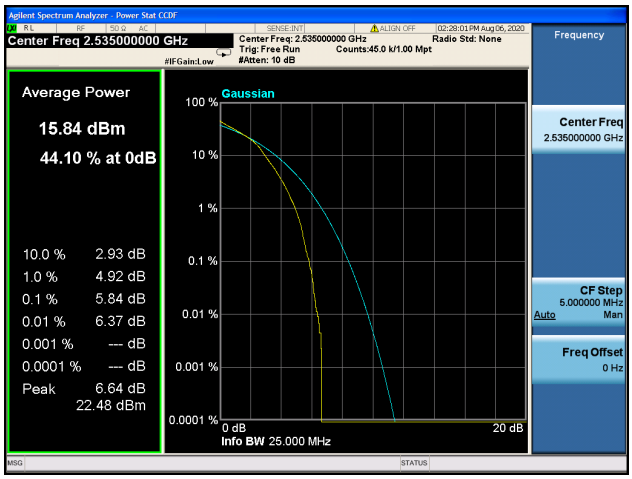
Band7 / 20MHz / Low CH / 64QAM



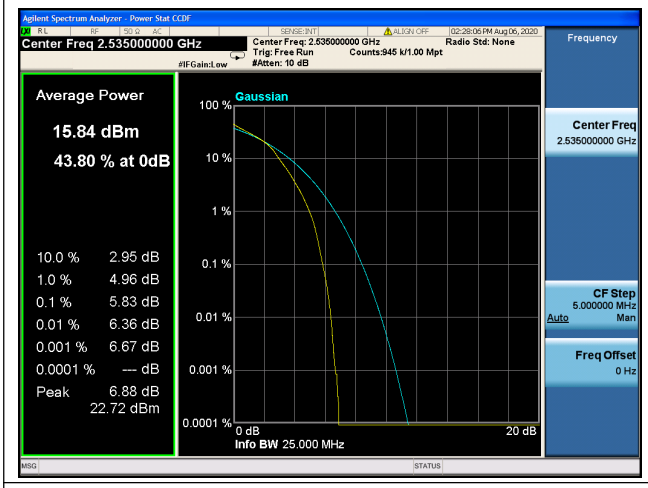
Band7 / 20MHz / Mid CH / QPSK



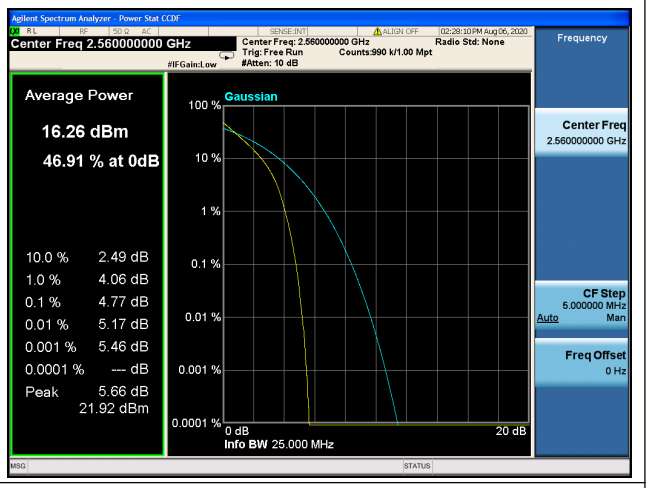
Band7 / 20MHz / Mid CH / 16QAM



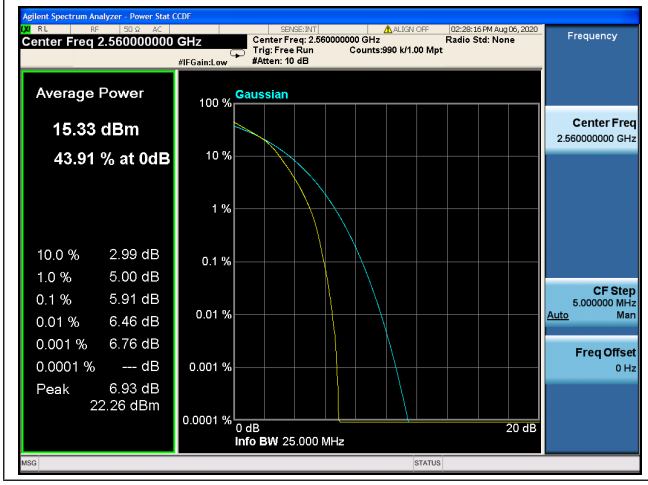
Band7 / 20MHz / Mid CH / 64QAM



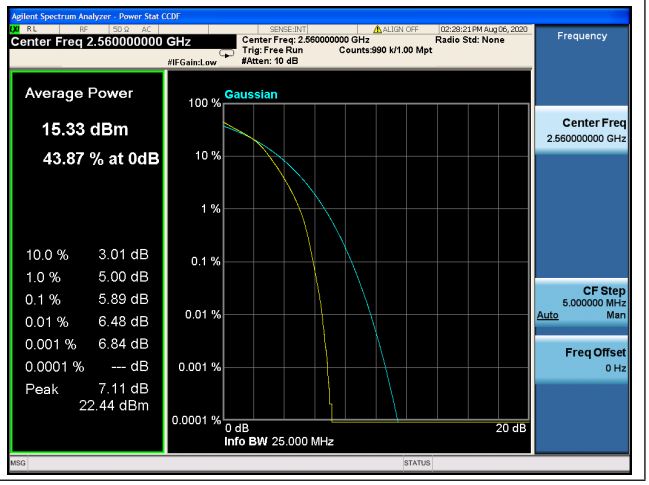
Band7 / 20MHz / High CH / QPSK



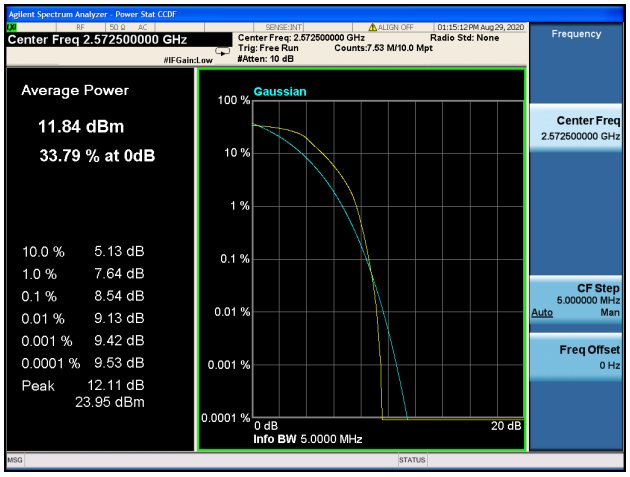
Band7 / 20MHz / High CH / 16QAM



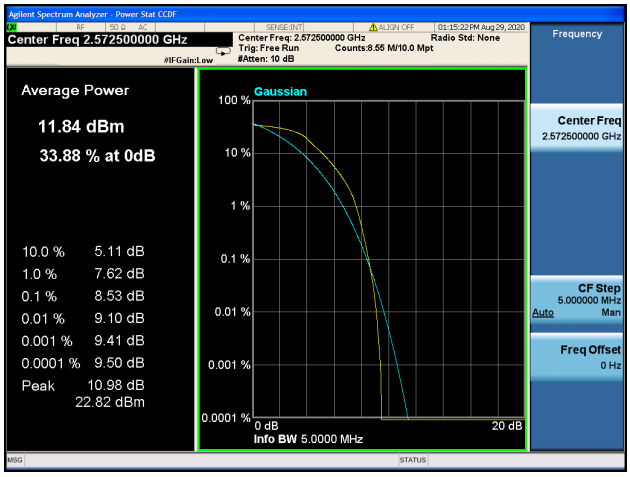
Band7 / 20MHz / High CH / 64QAM



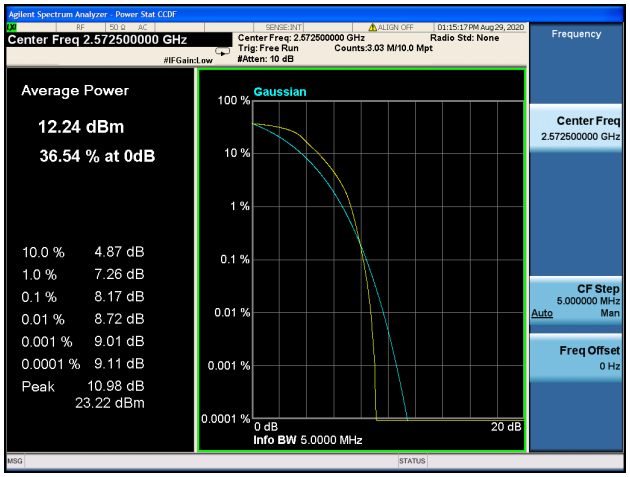
Band38 / 5MHz / Low CH / QPSK



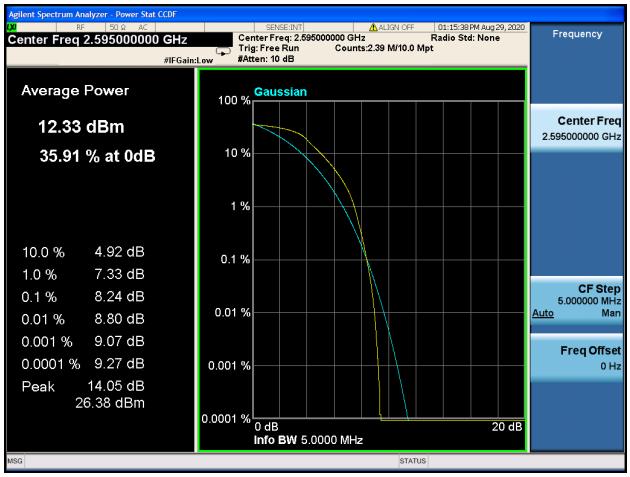
Band38 / 5MHz / Low CH / 16QAM



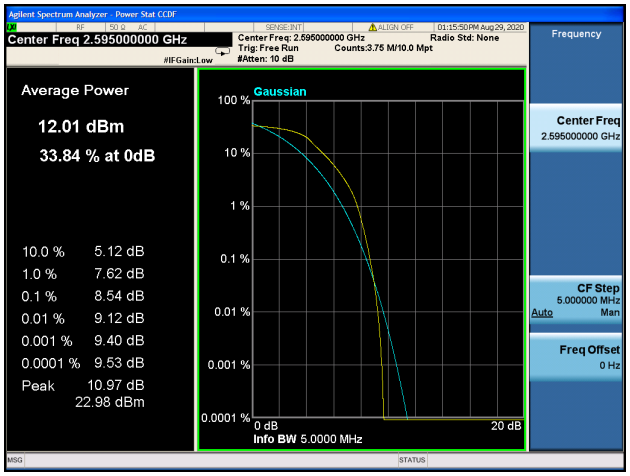
Band38 / 5MHz / Low CH / 64QAM



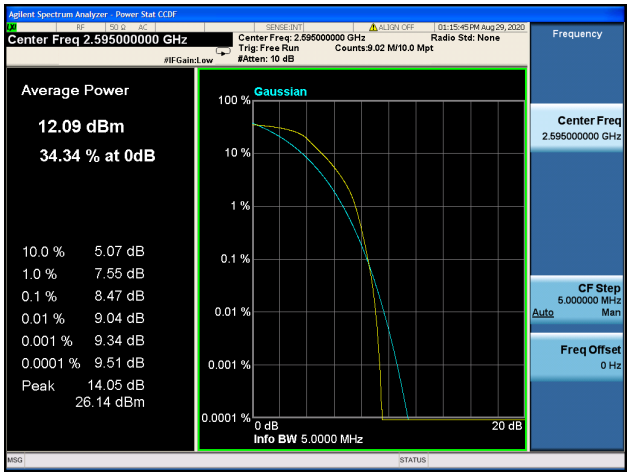
Band38 / 5MHz / Mid CH / QPSK



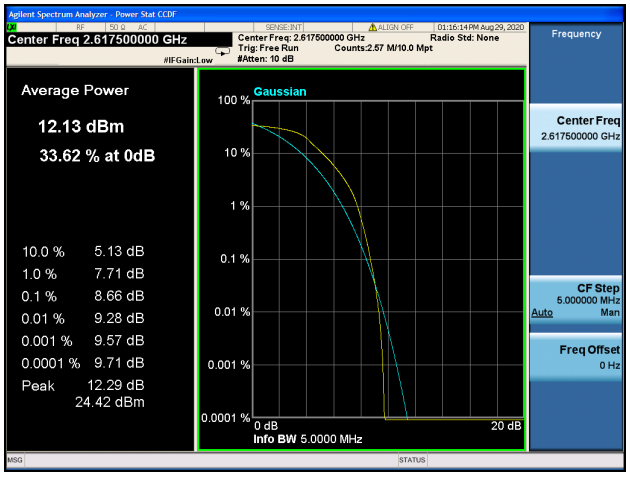
Band38 / 5MHz / Mid CH / 16QAM



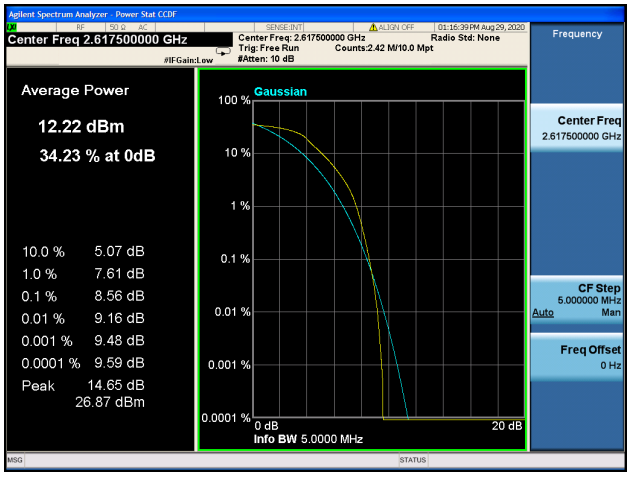
Band38 / 5MHz / Mid CH / 64QAM



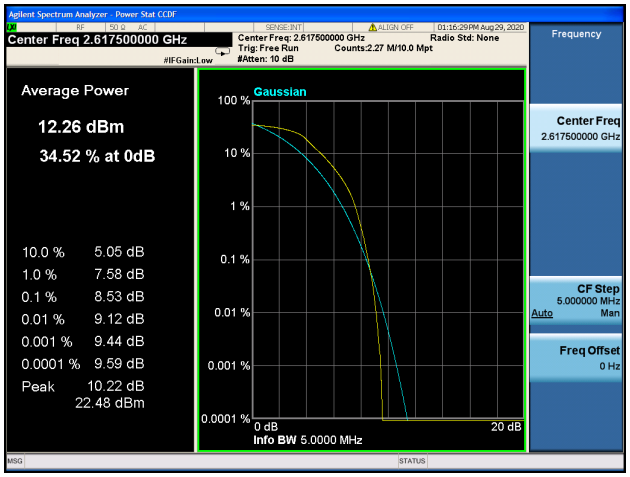
Band38 / 5MHz / High CH / QPSK



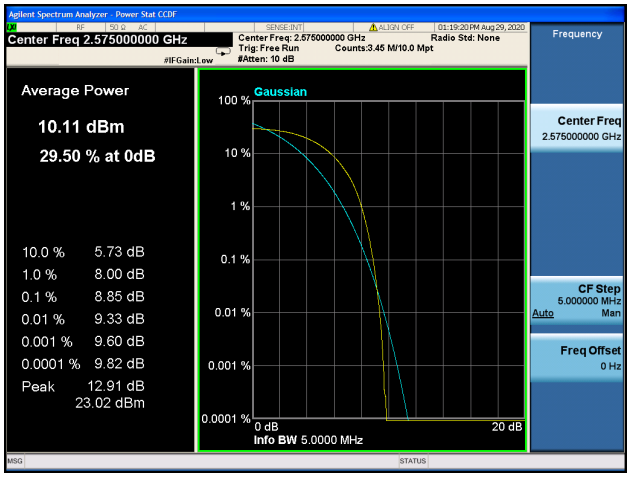
Band38 / 5MHz / High CH / 16QAM



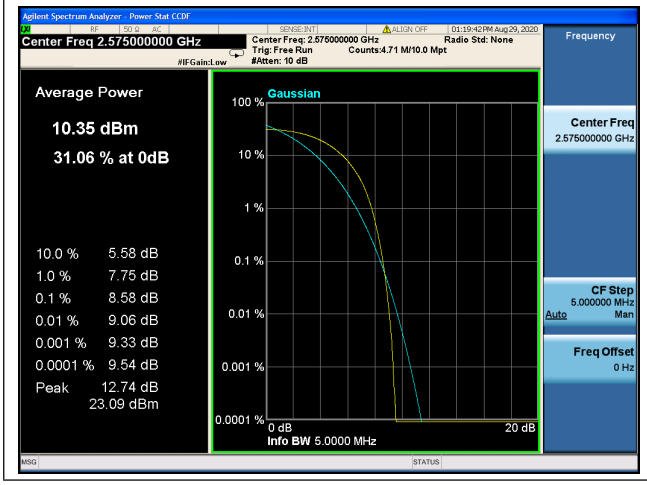
Band38 / 5MHz / High CH / 64QAM



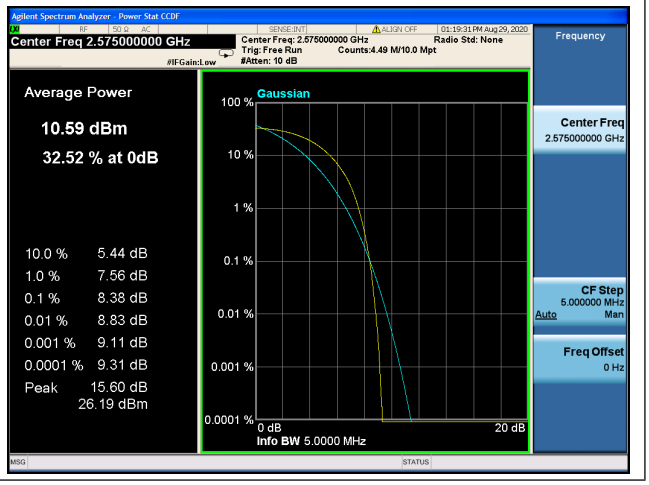
Band38 / 10MHz / Low CH / QPSK



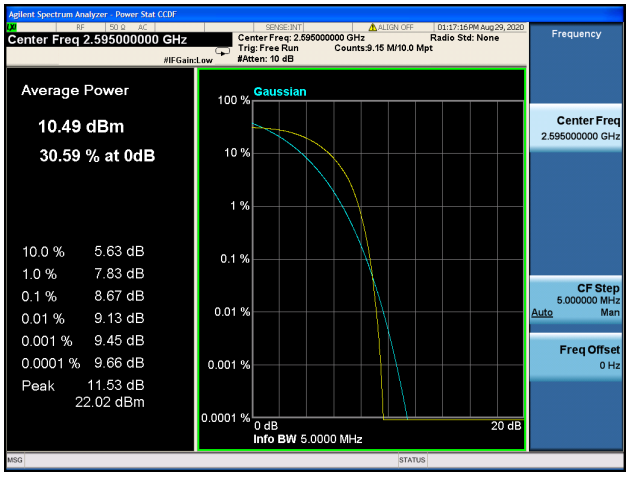
Band38 / 10MHz / Low CH / 16QAM



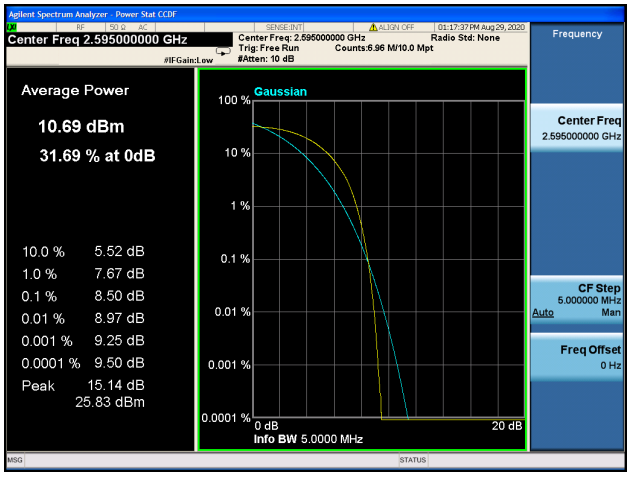
Band38 / 10MHz / Low CH / 64QAM



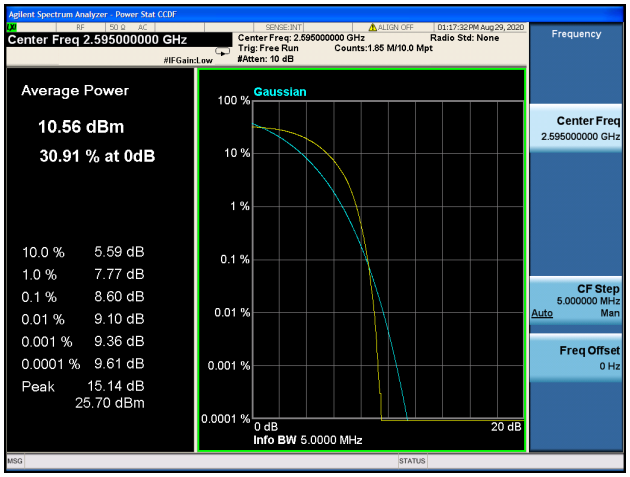
Band38 / 10MHz / Mid CH / QPSK



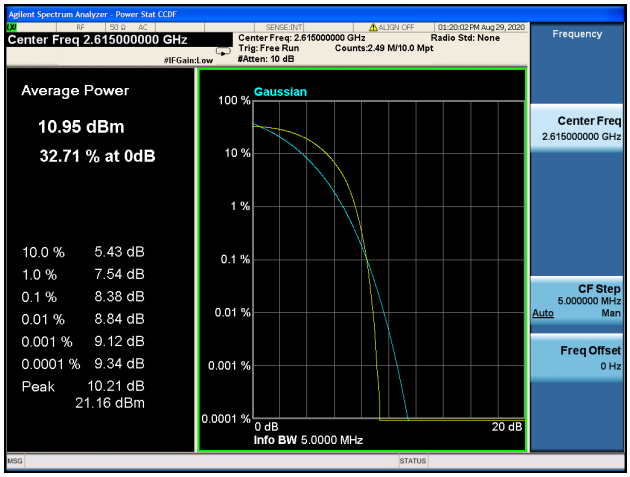
Band38 / 10MHz / Mid CH / 16QAM



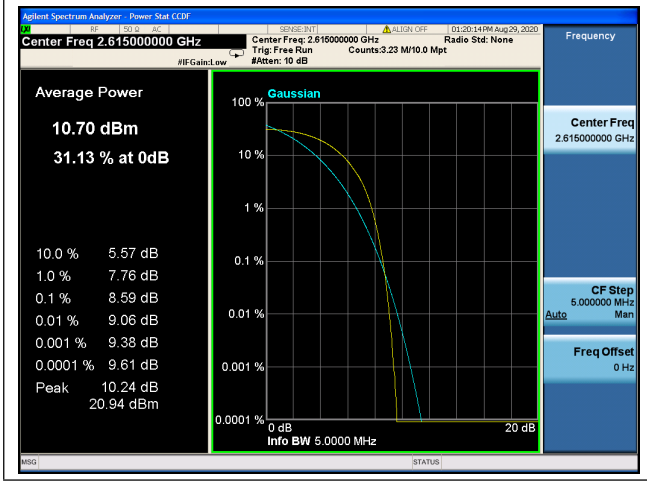
Band38 / 10MHz / Mid CH / 64QAM



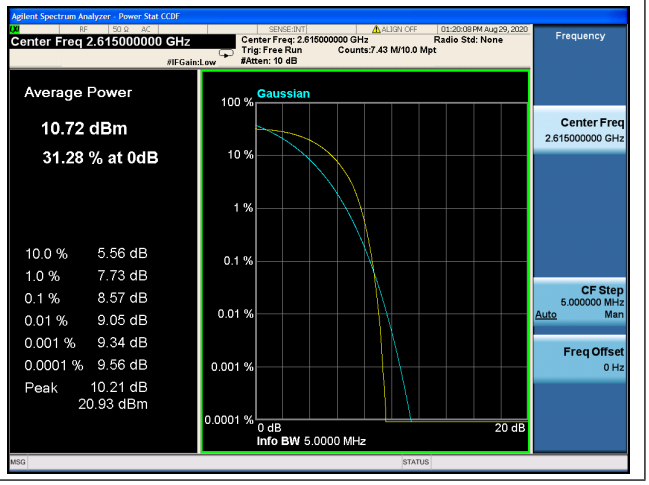
Band38 / 10MHz / High CH / QPSK



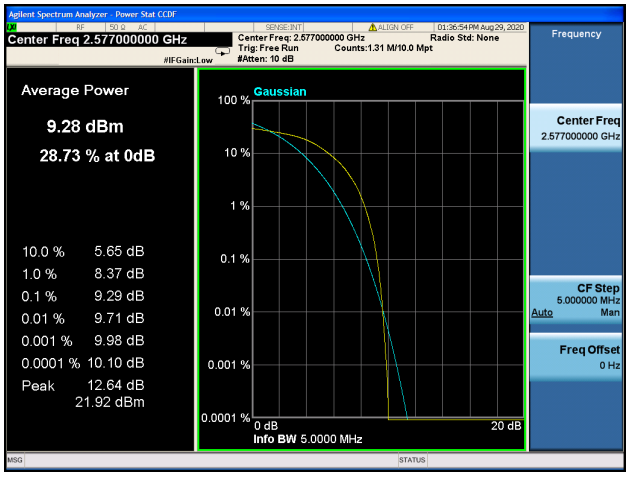
Band38 / 10MHz / High CH / 16QAM



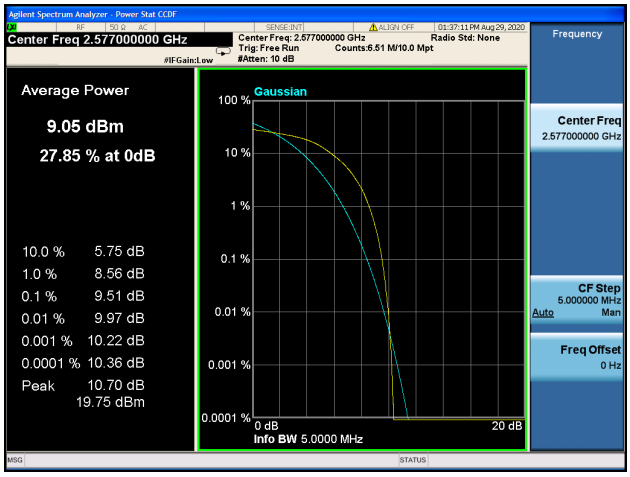
Band38 / 10MHz / High CH / 64QAM



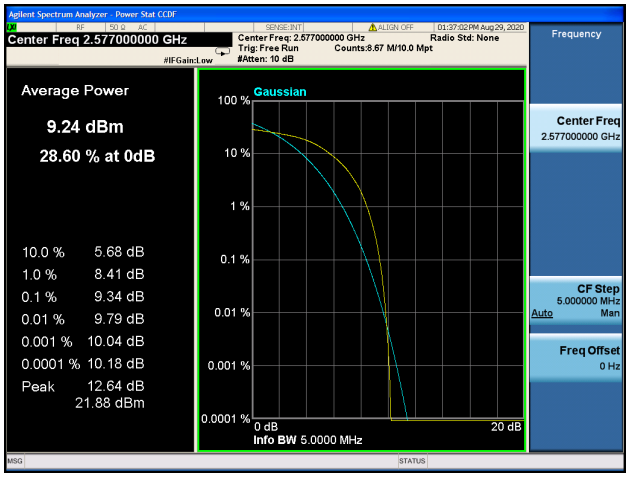
Band38 / 15MHz / Low CH / QPSK



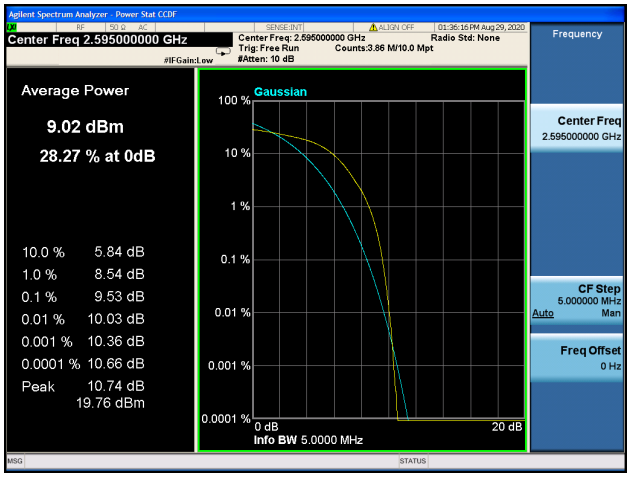
Band38 / 15MHz / Low CH / 16QAM



Band38 / 15MHz / Low CH / 64QAM

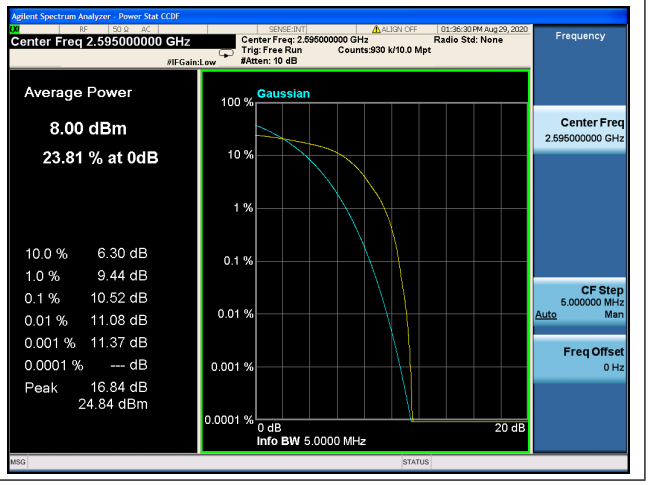


Band38 / 15MHz / Mid CH / QPSK

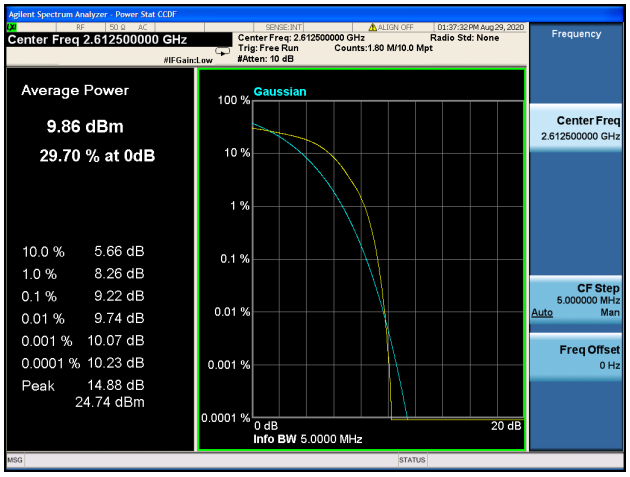


Band38 / 15MHz / Mid CH / 16QAM

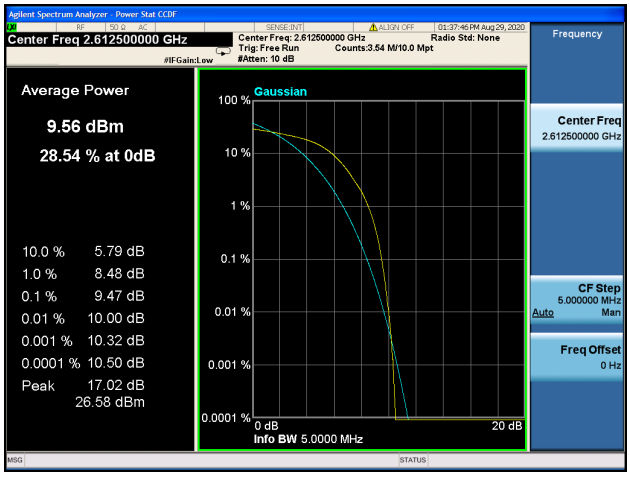
Band38 / 15MHz / Mid CH / 64QAM



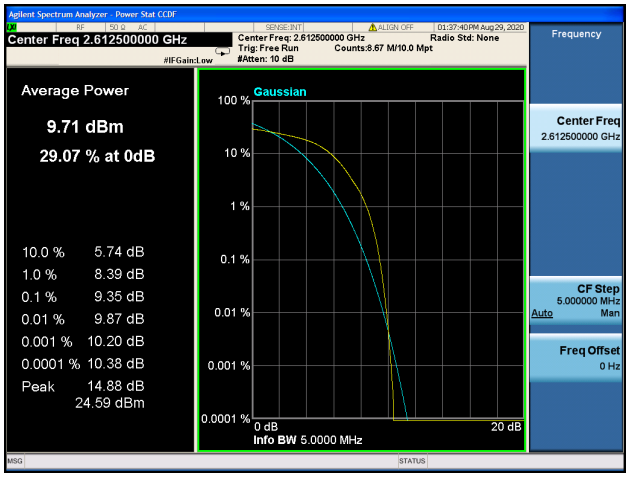
Band38 / 15MHz / High CH / QPSK



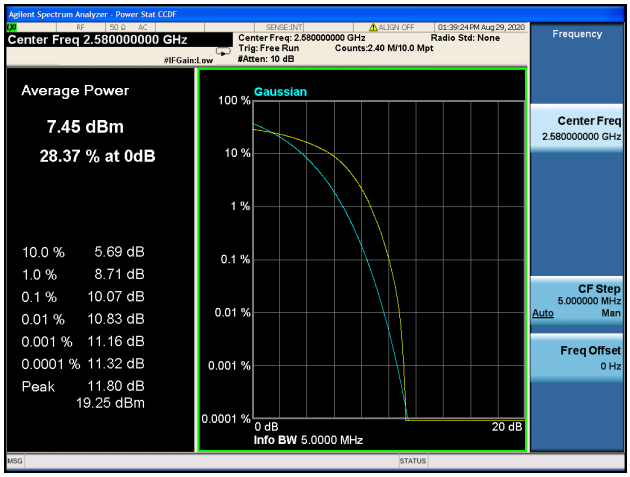
Band38 / 15MHz / High CH / 16QAM



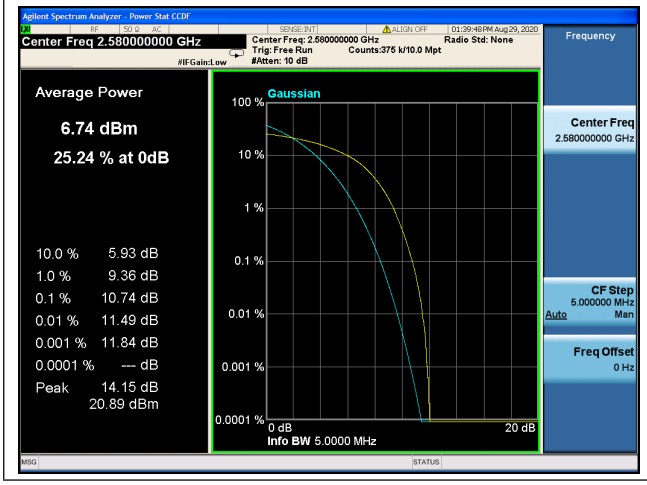
Band38 / 15MHz / High CH / 64QAM



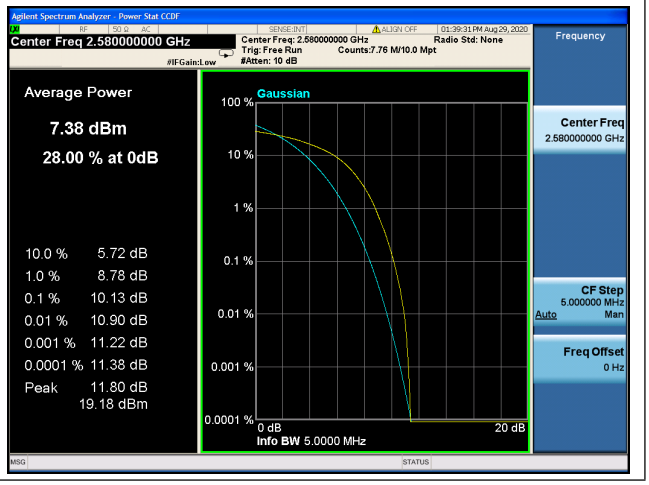
Band38 / 20MHz / Low CH / QPSK



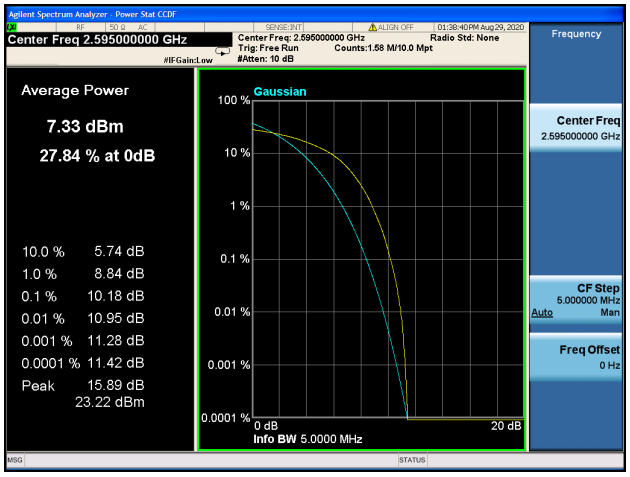
Band38 / 20MHz / Low CH / 16QAM



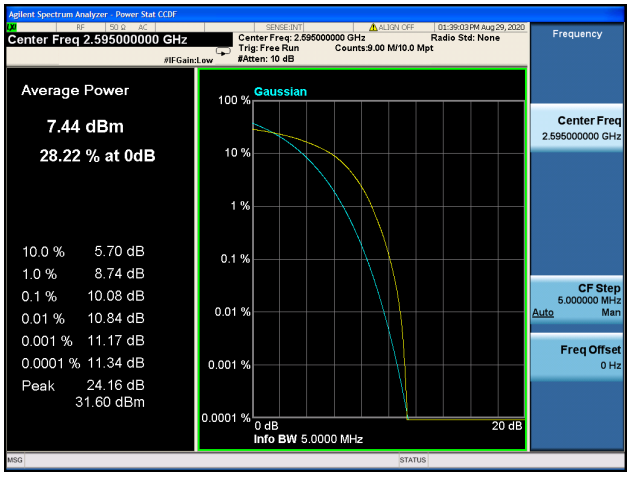
Band38 / 20MHz / Low CH / 64QAM



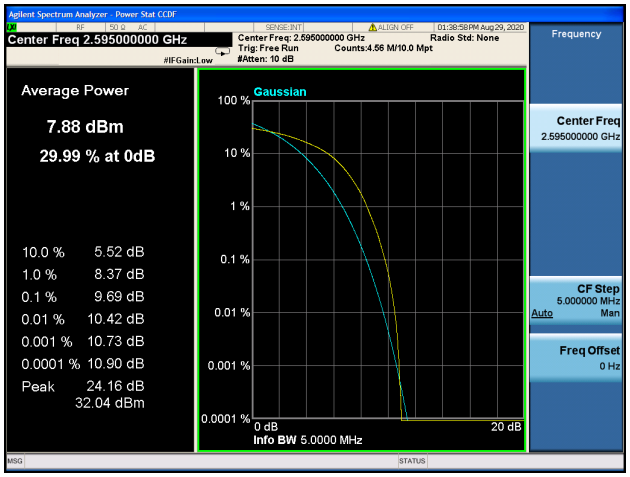
Band38 / 20MHz / Mid CH / QPSK



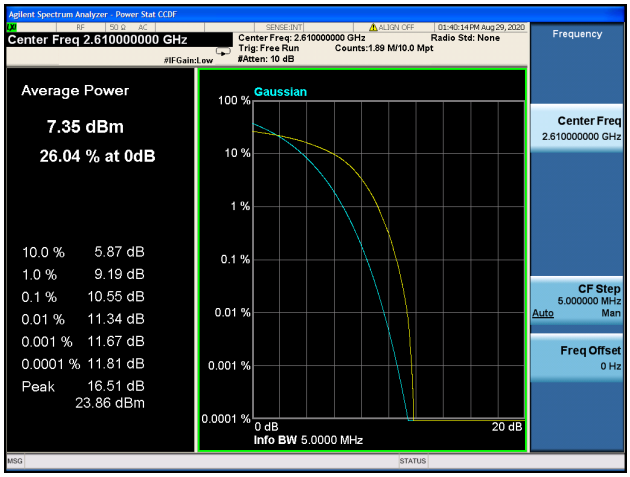
Band38 / 20MHz / Mid CH / 16QAM



Band38 / 20MHz / Mid CH / 64QAM

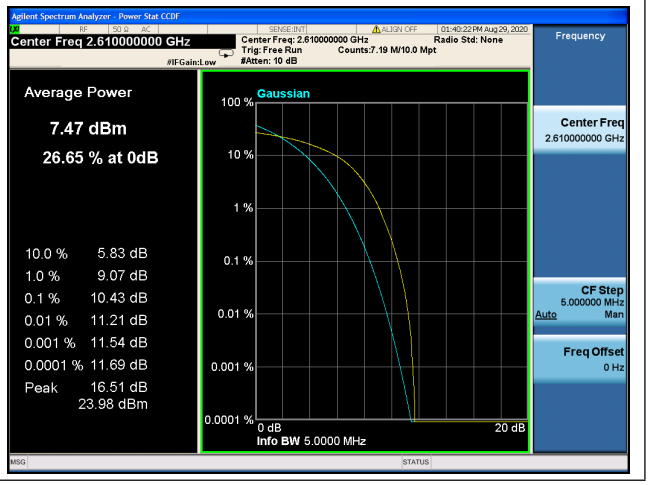


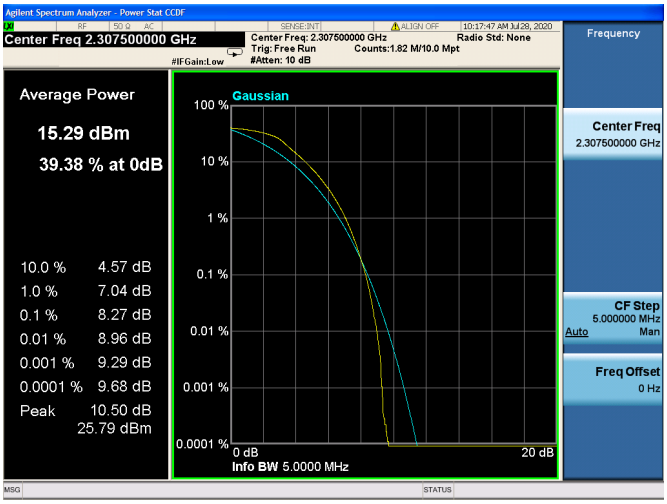
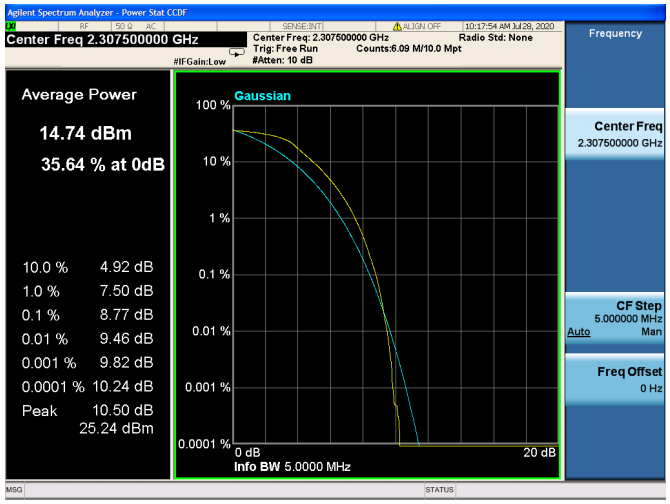
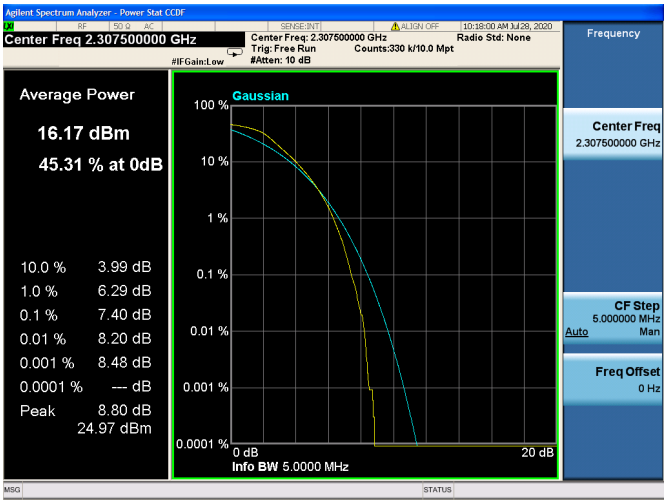
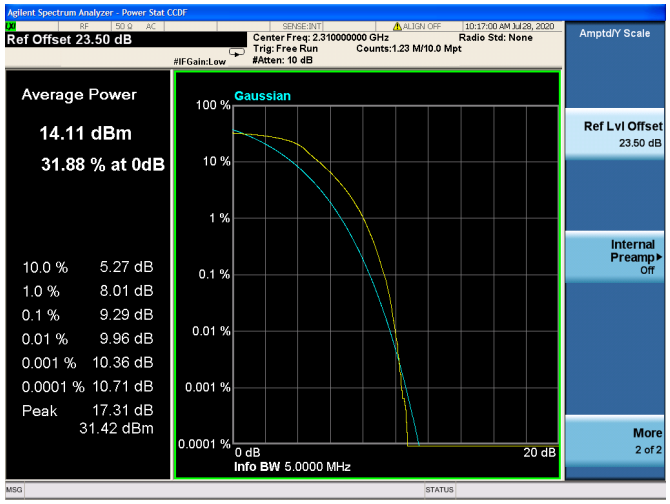
Band38 / 20MHz / High CH / QPSK



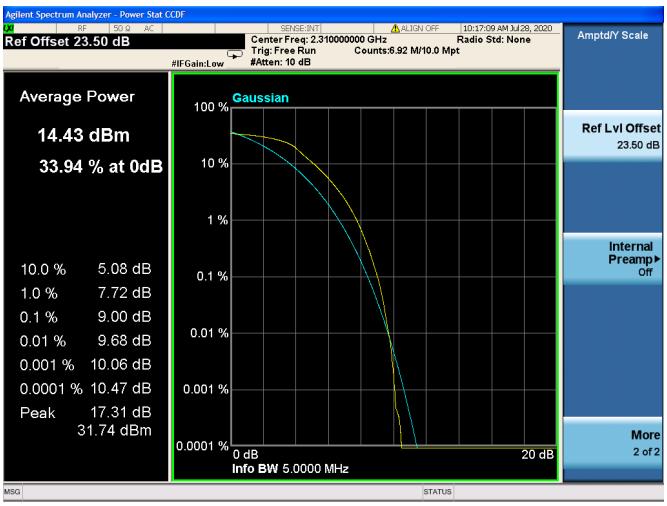
Band38 / 20MHz / High CH / 16QAM

Band38 / 20MHz / High CH / 64QAM

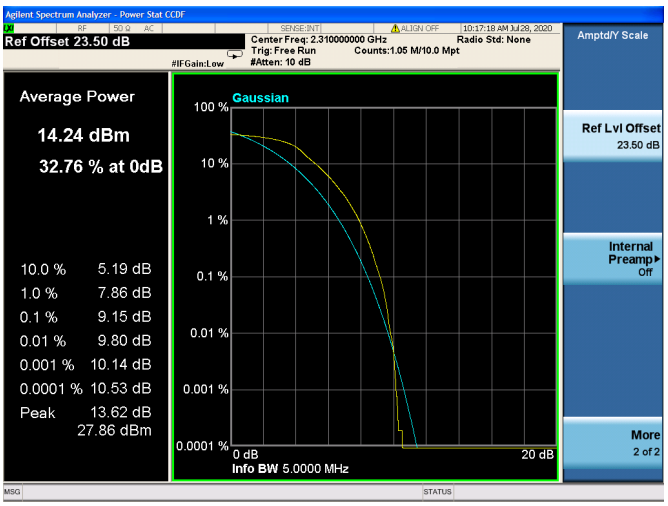


LTE Band 40（2305 — 2315MHz）	
5MHz/QPSK / LCH	5MHz/16QAM / LCH
	
5MHz/ 64QAM / LCH	5MHz/QPSK / MCH
	

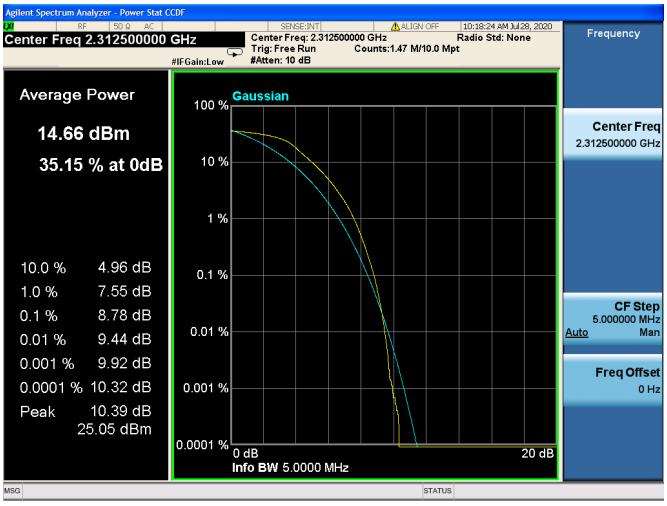
5MHz/ 16QAM / MCH



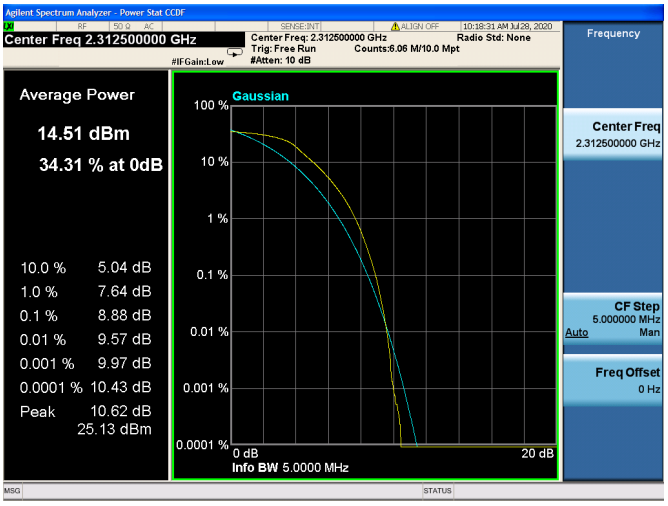
5MHz/ 64QAM / MCH



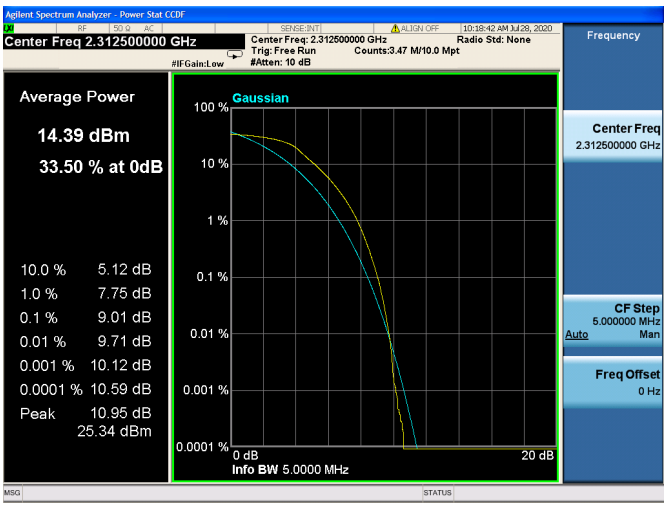
5MHz/ QPSK / HCH

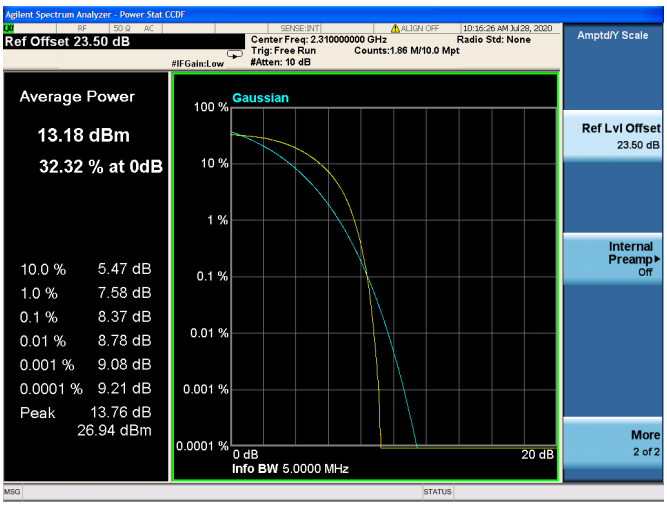
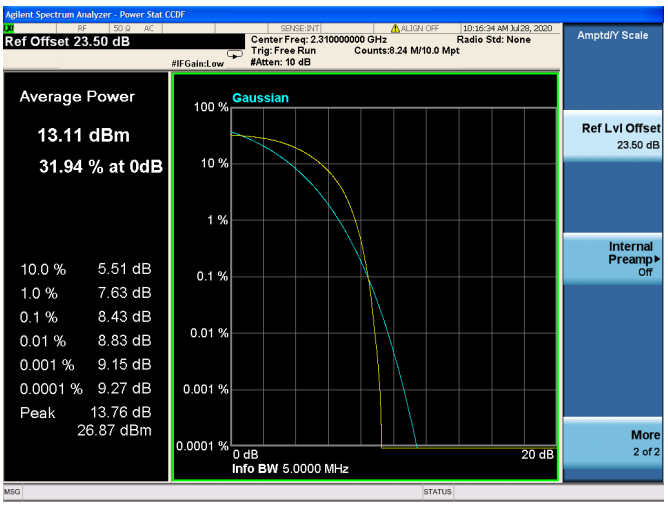
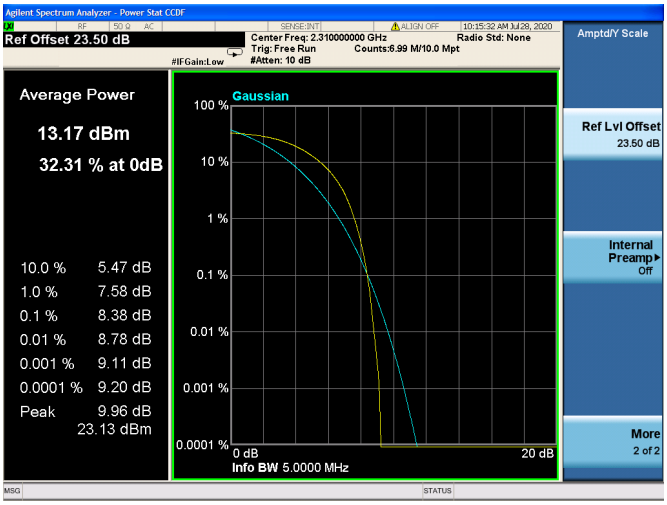


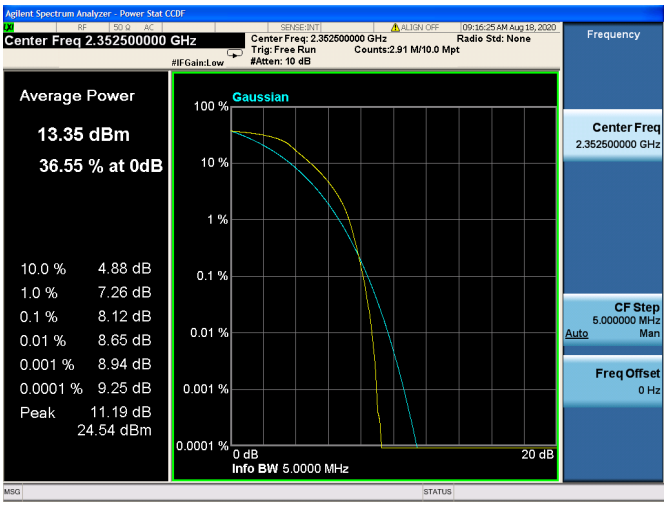
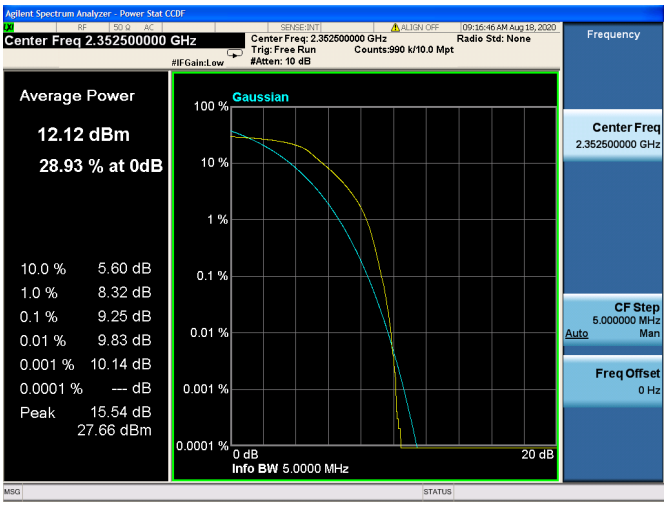
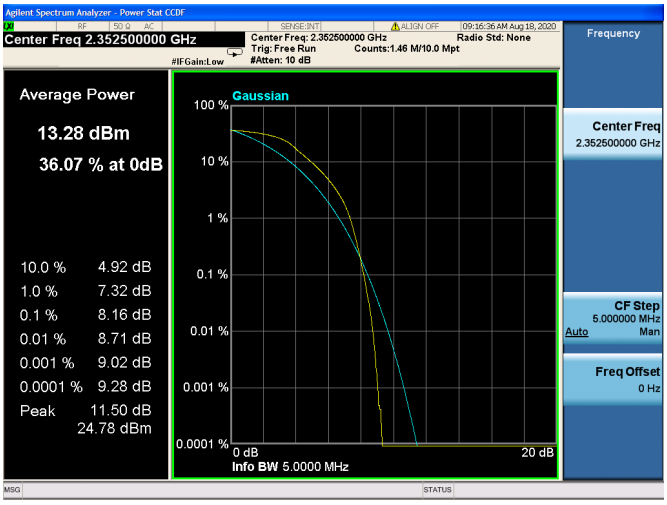
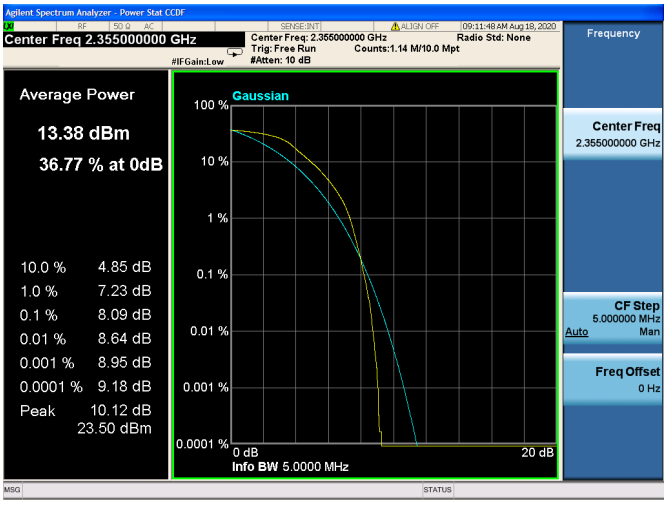
5MHz/ 16QAM / HCH



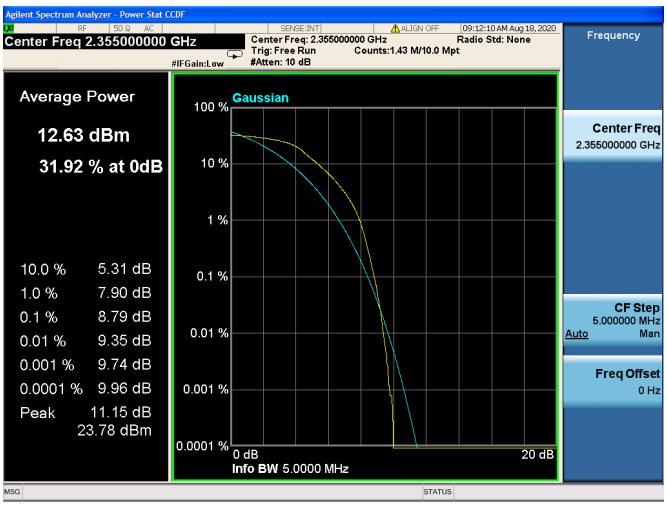
5MHz/ 64QAM / HCH



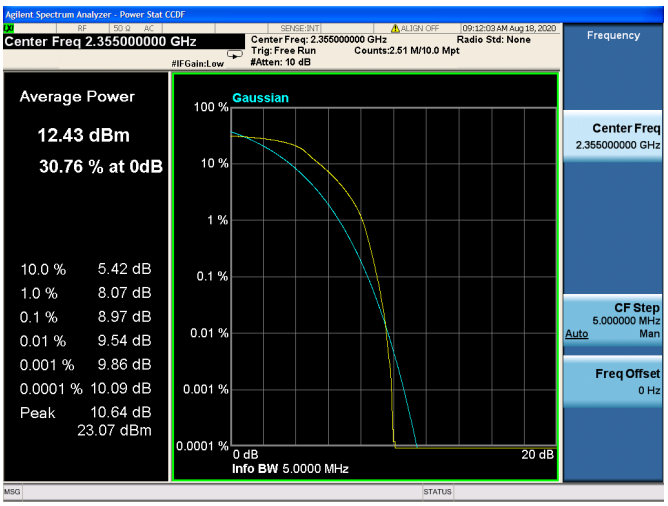
10MHz/QPSK / MCH	10MHz/ 16QAM / MCH
	
10MHz/ 64QAM / MCH	
	

LTE Band 40（2350 — 2360MHz）	
5MHz/QPSK / LCH	5MHz/16QAM / LCH
	
5MHz/ 64QAM / LCH	5MHz/QPSK / MCH
	

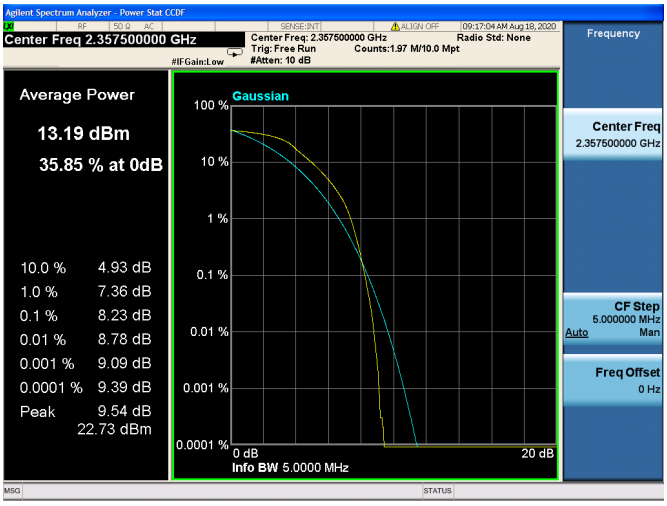
5MHz/ 16QAM / MCH



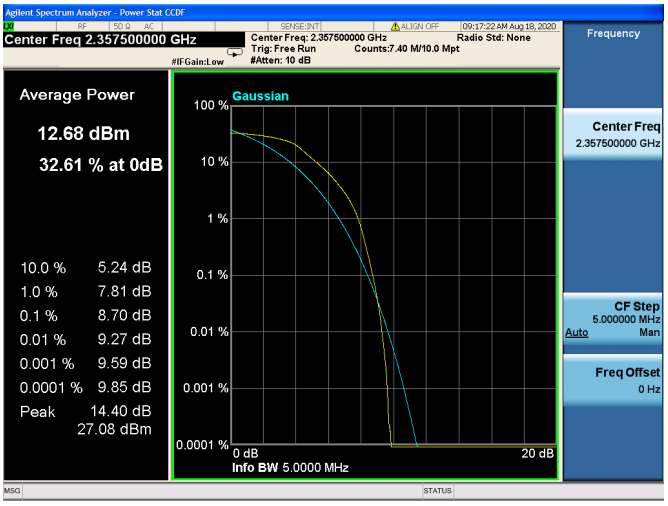
5MHz/ 64QAM / MCH



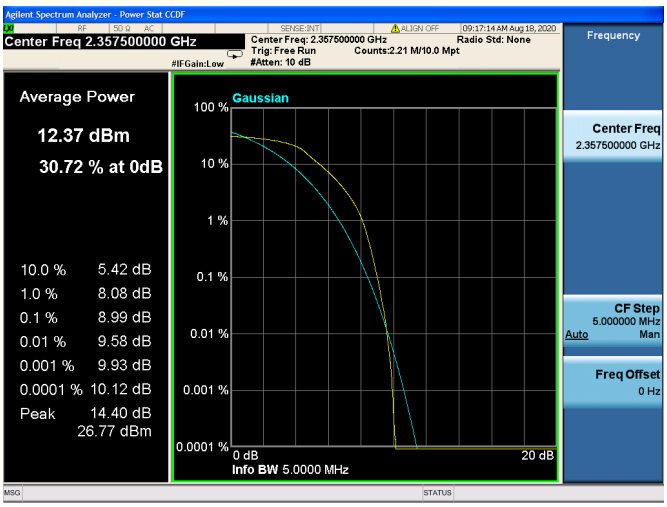
5MHz/ QPSK / HCH

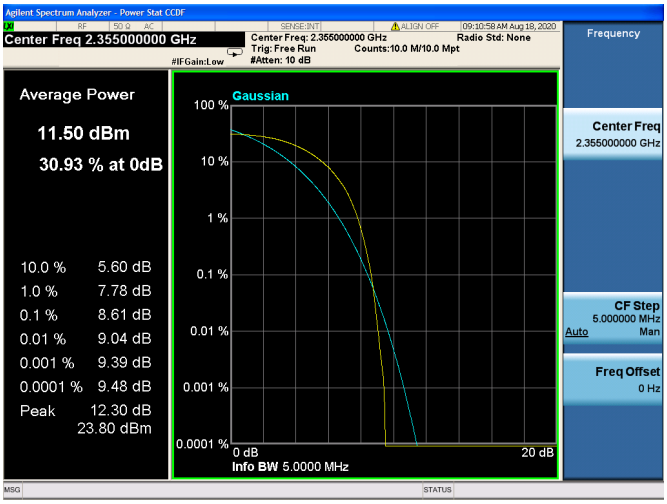
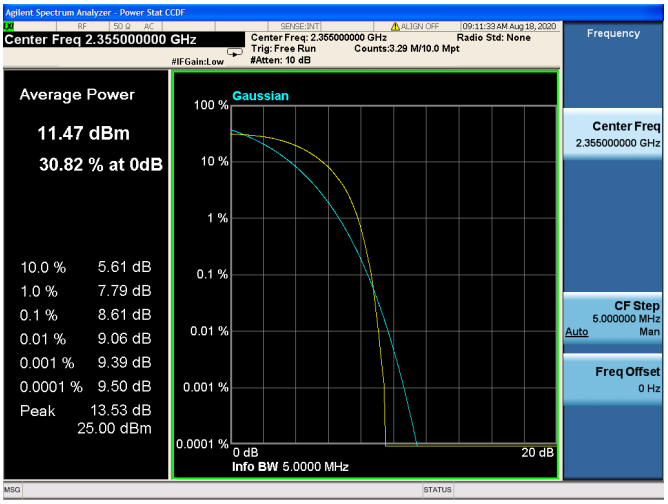
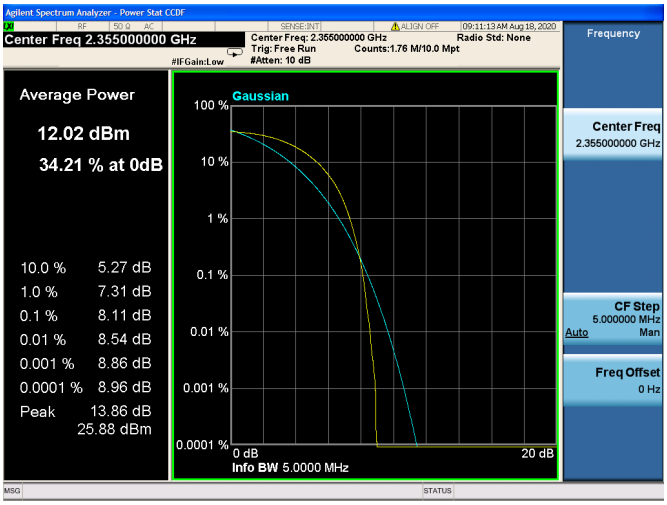


5MHz/ 16QAM / HCH

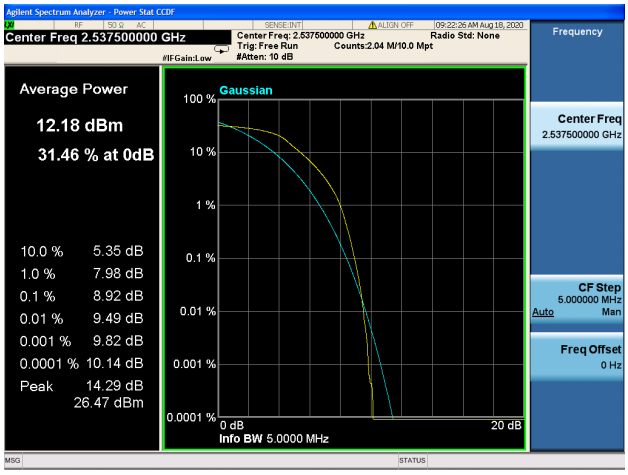


5MHz/ 64QAM / HCH

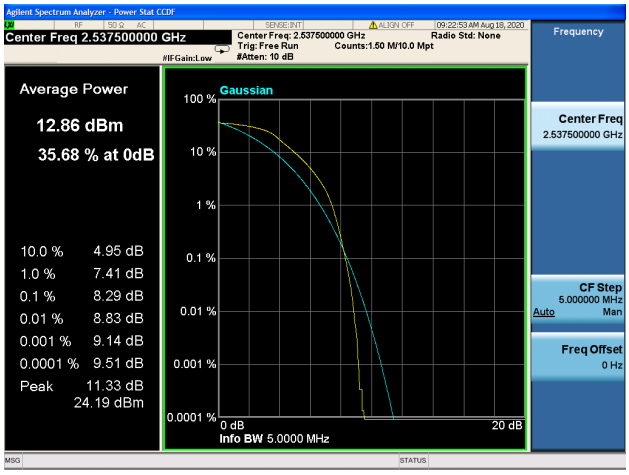


10MHz/QPSK / MCH	10MHz/ 16QAM / MCH
	
10MHz/ 64QAM / MCH	
	

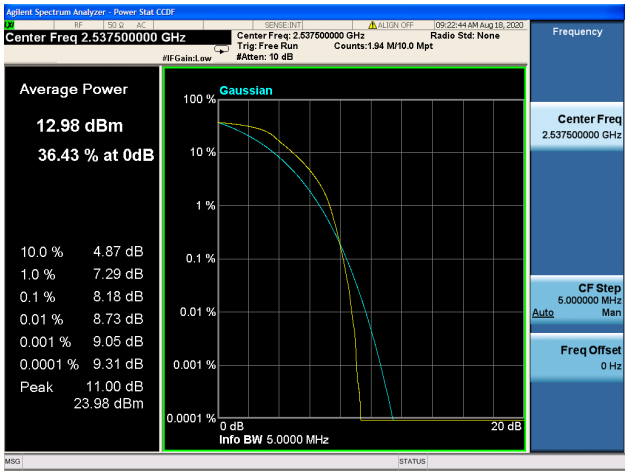
Band41 / 5MHz / Low CH / QPSK



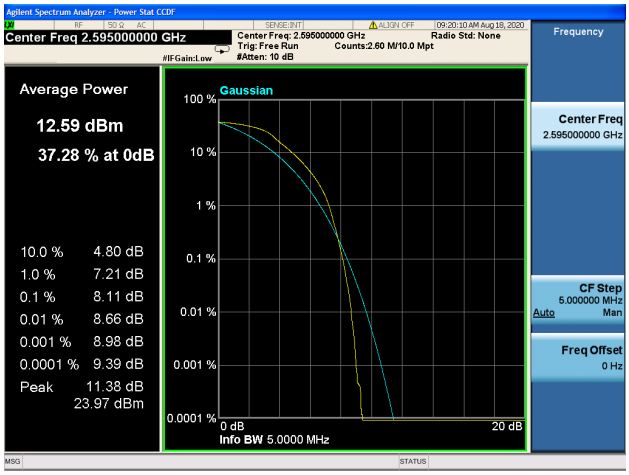
Band41 / 5MHz / Low CH / 16QAM



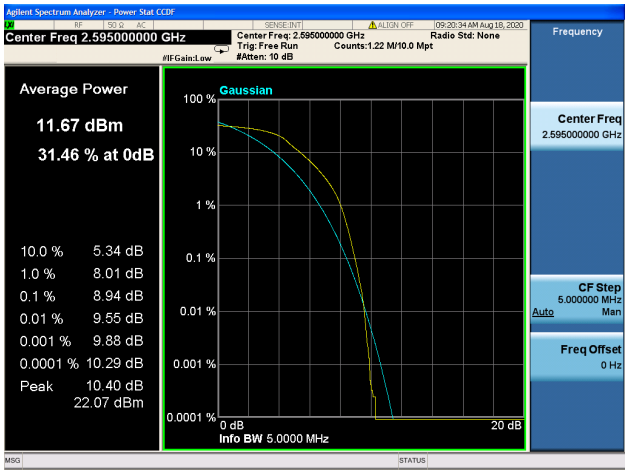
Band41 / 5MHz / Low CH / 64QAM



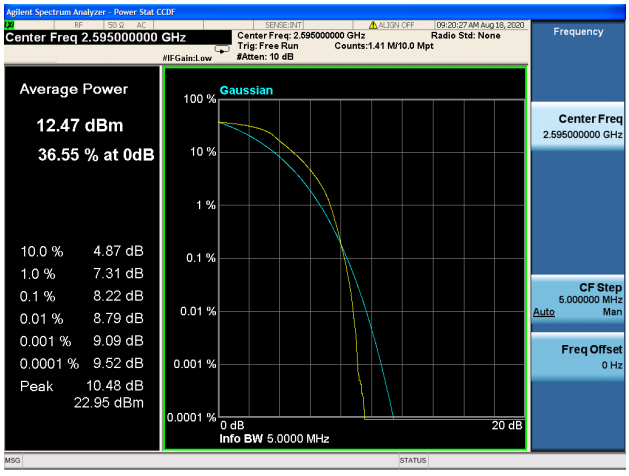
Band41/ 5MHz / Mid CH / QPSK



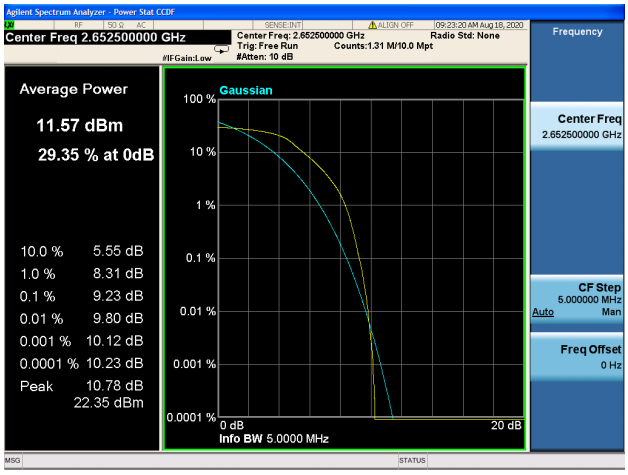
Band41/ 5MHz / Mid CH / 16QAM



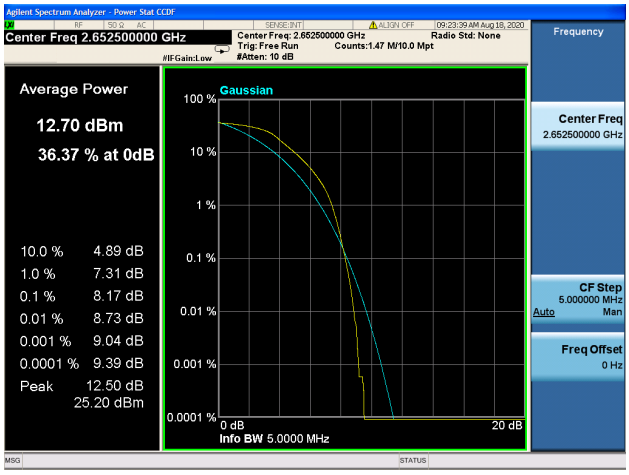
Band41 / 5MHz / Mid CH / 64QAM



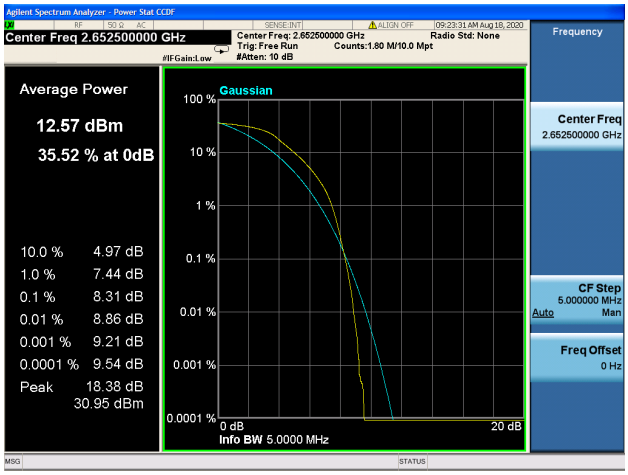
Band41 / 5MHz / High CH / QPSK



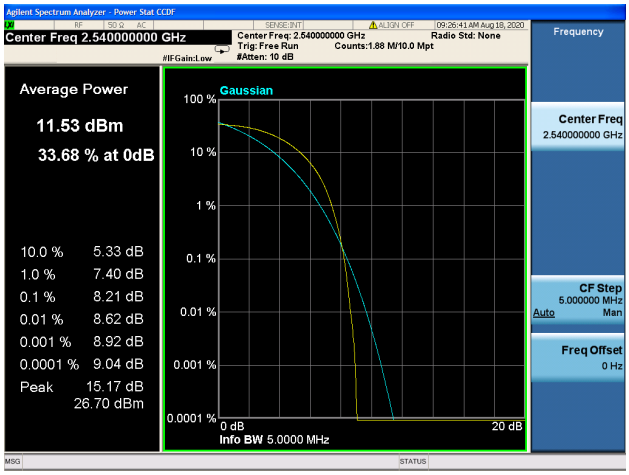
Band41 / 5MHz / High CH / 16QAM



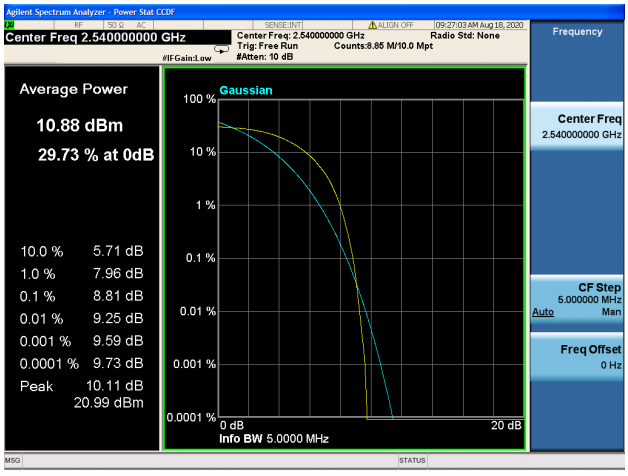
Band41 / 5MHz / High CH / 64QAM



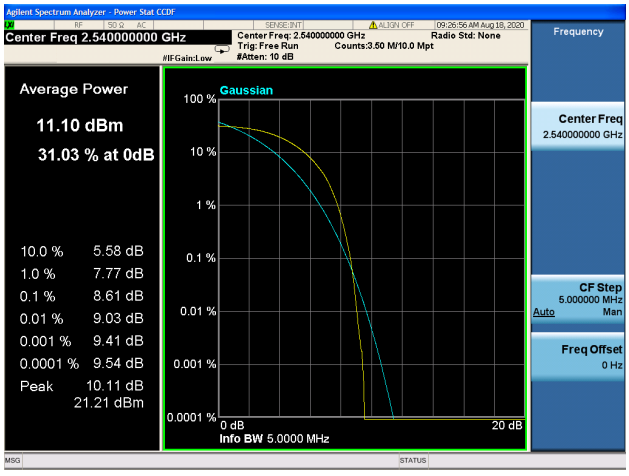
Band41 / 10MHz / Low CH / QPSK



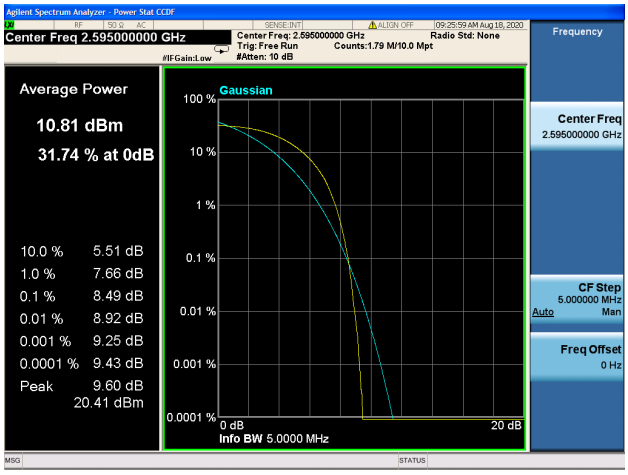
Band41 / 10MHz / Low CH / 16QAM



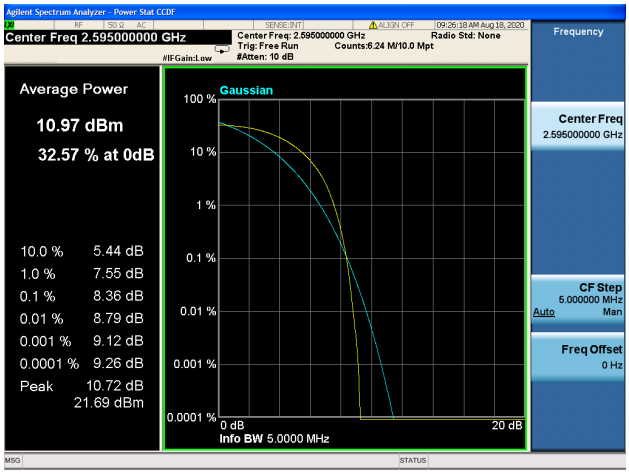
Band41 / 10MHz / Low CH / 64QAM



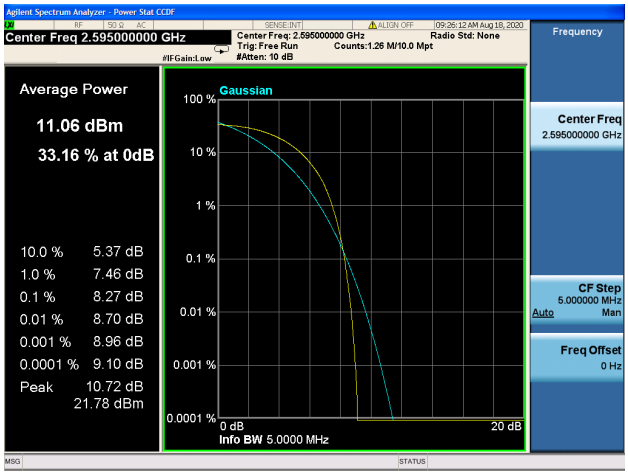
Band41 / 10MHz / Mid CH / QPSK



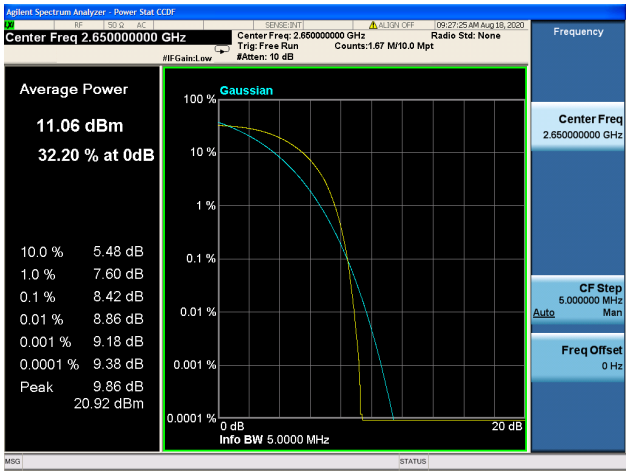
Band41 / 10MHz / Mid CH / 16QAM



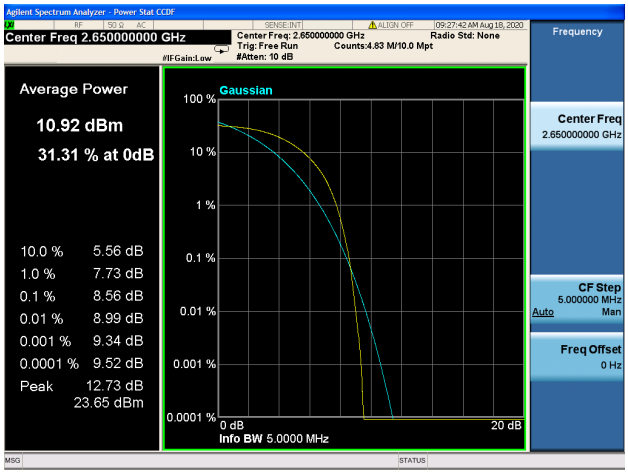
Band41 / 10MHz / Mid CH / 64QAM



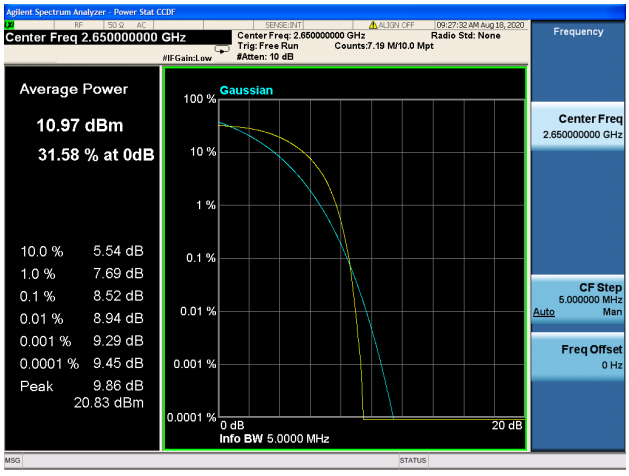
Band41 / 10MHz / High CH / QPSK



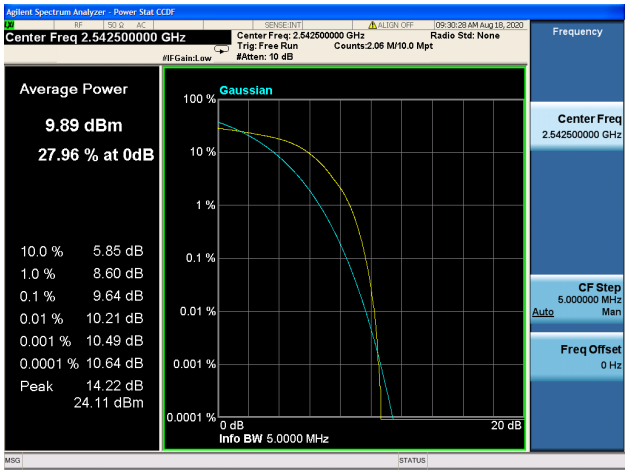
Band41 / 10MHz / High CH / 16QAM



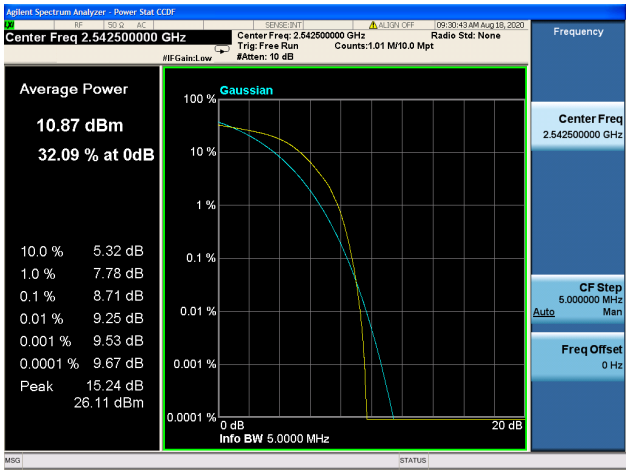
Band41 / 10MHz / High CH / 64QAM



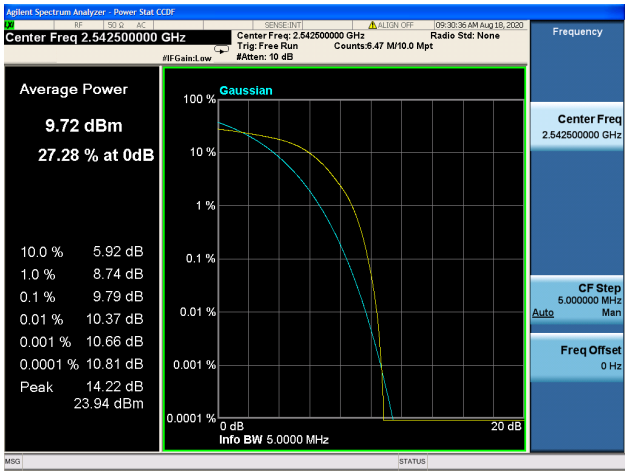
Band41 / 15MHz / Low CH / QPSK



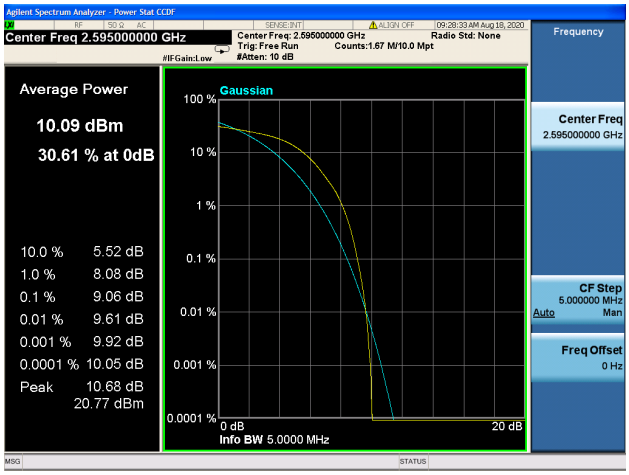
Band41 / 15MHz / Low CH / 16QAM



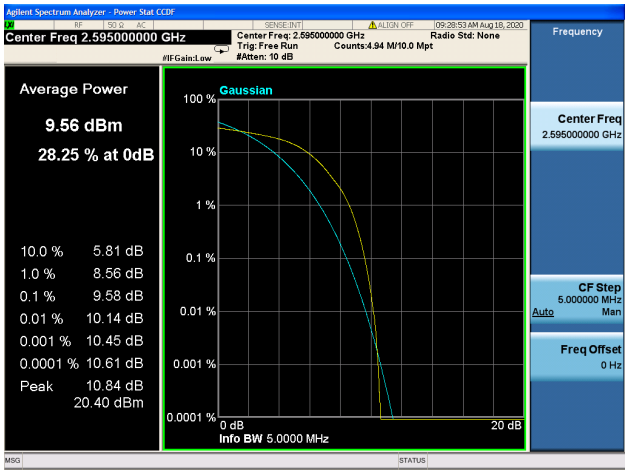
Band41/ 15MHz / Low CH / 64QAM



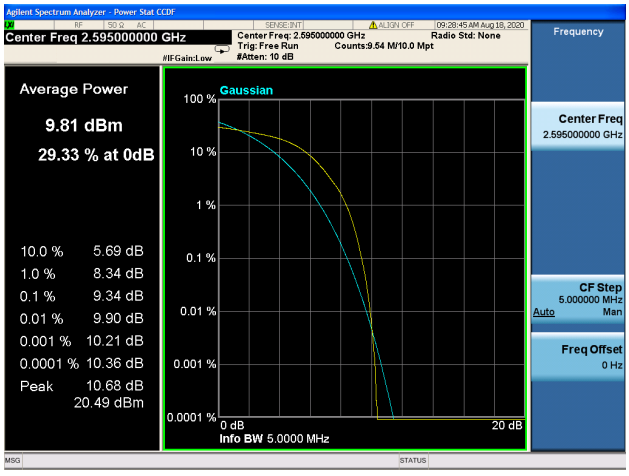
Band41 / 15MHz / Mid CH / QPSK



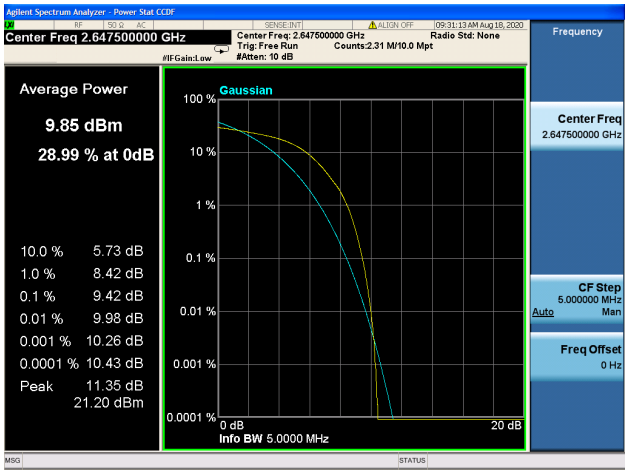
Band41 / 15MHz / Mid CH / 16QAM



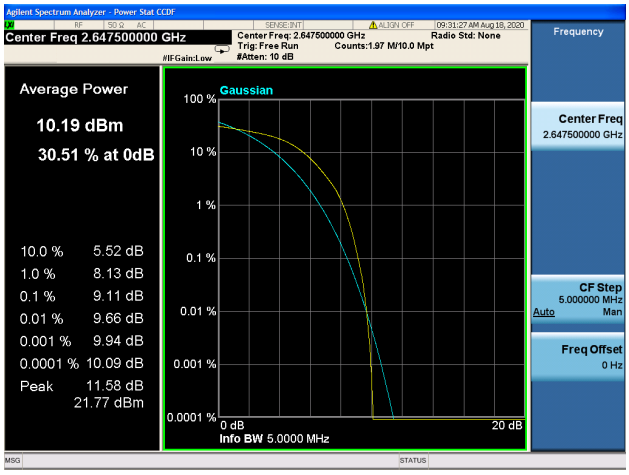
Band41 / 15MHz / Mid CH / 64QAM



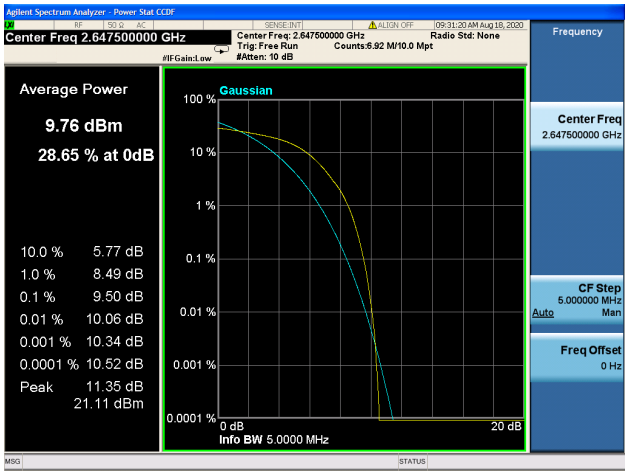
Band41 / 15MHz / High CH / QPSK



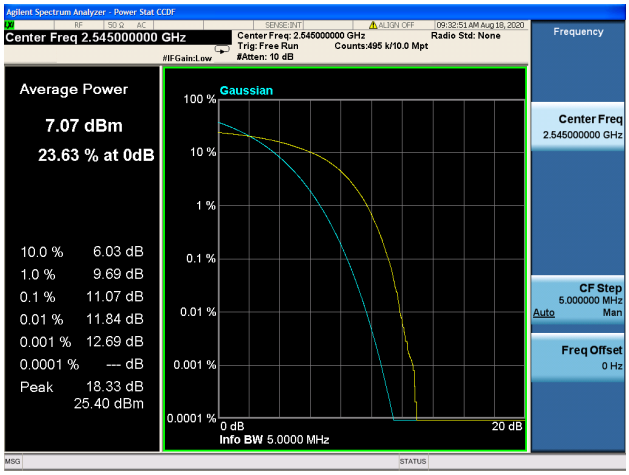
Band41 / 15MHz / High CH / 16QAM



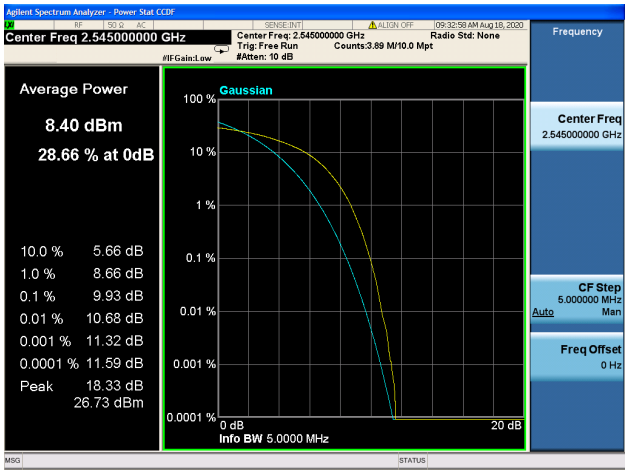
Band41 / 15MHz / High CH / 64QAM



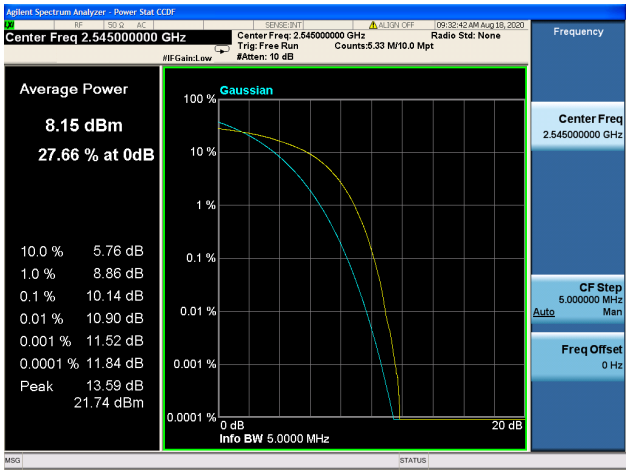
Band41 / 20MHz / Low CH / QPSK



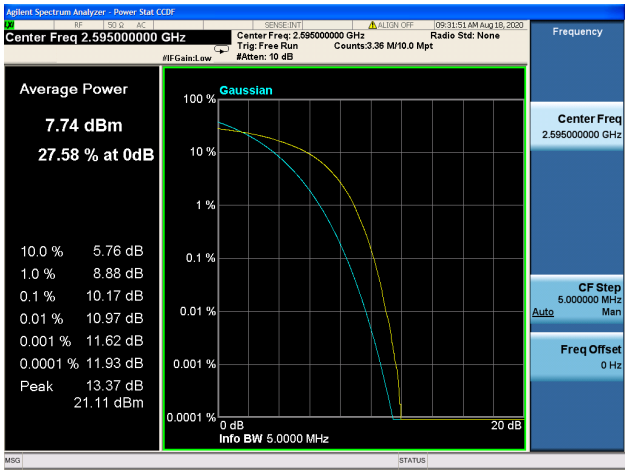
Band41 / 20MHz / Low CH / 16QAM



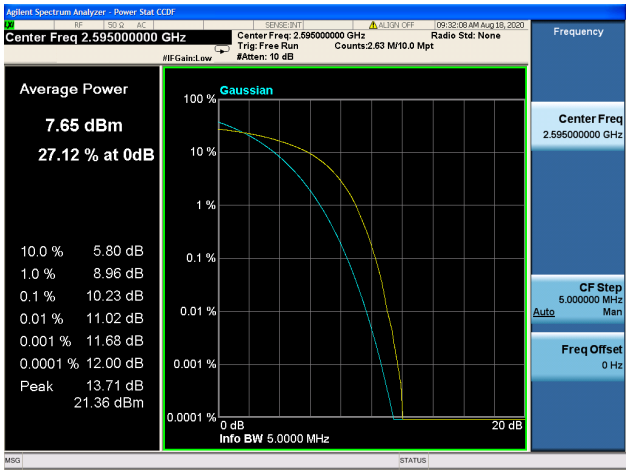
Band41 / 20MHz / Low CH / 64QAM



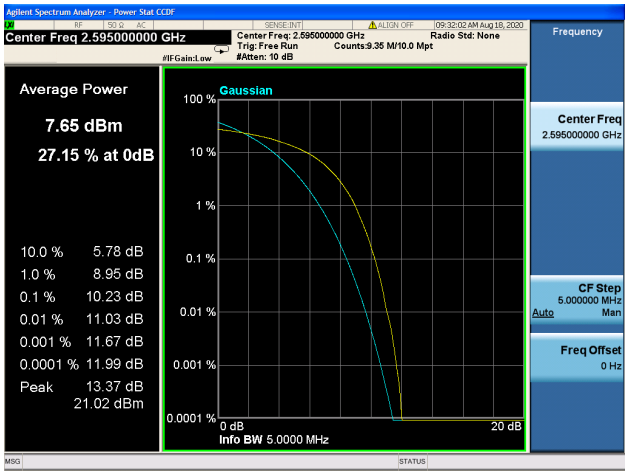
Band41 / 20MHz / Mid CH / QPSK



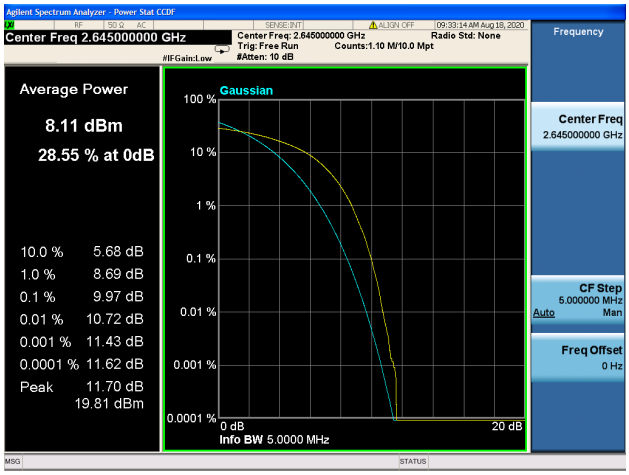
Band41 / 20MHz / Mid CH / 16QAM



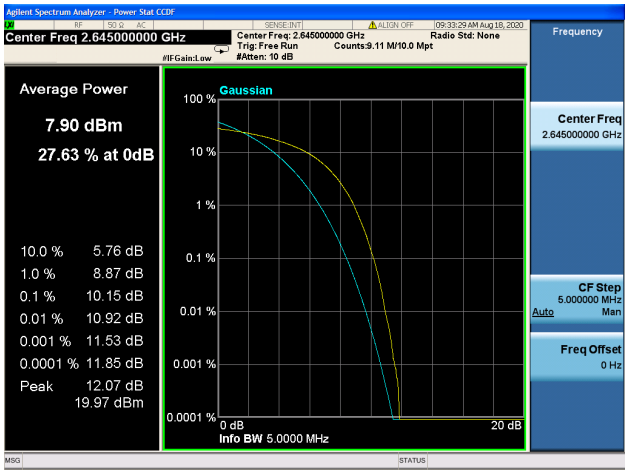
Band41 / 20MHz / Mid CH / 64QAM



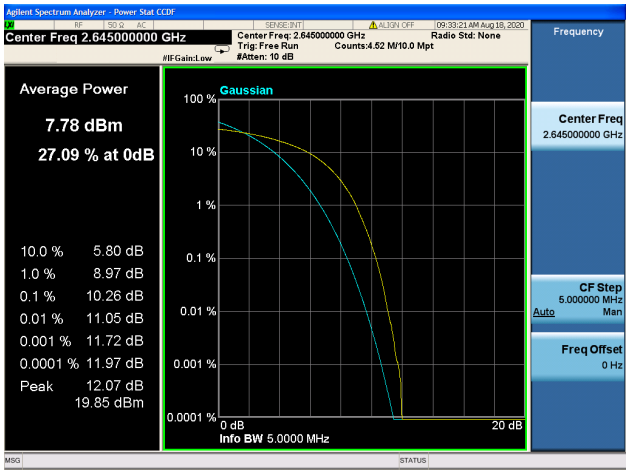
Band41 / 20MHz / High CH / QPSK



Band41 / 20MHz / High CH / 16QAM



Band41 / 20MHz / High CH / 64QAM



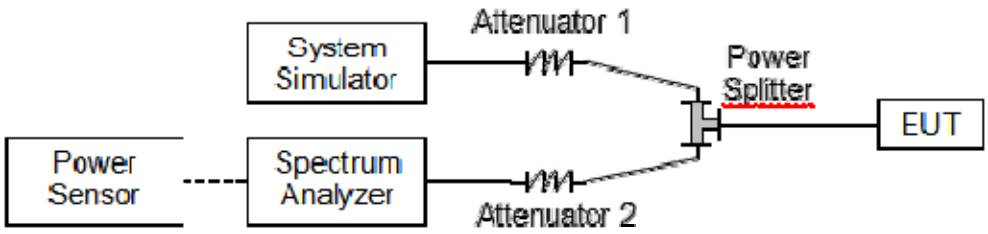
2.5. Conducted Spurious Emissions

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 41:
The power of any emission outside of the authorized operating frequency ranges must beattenuated below the transmitting power (P) by a factor of at least 55 + 10 log(P) dB. This calculated to be -25dBm.

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

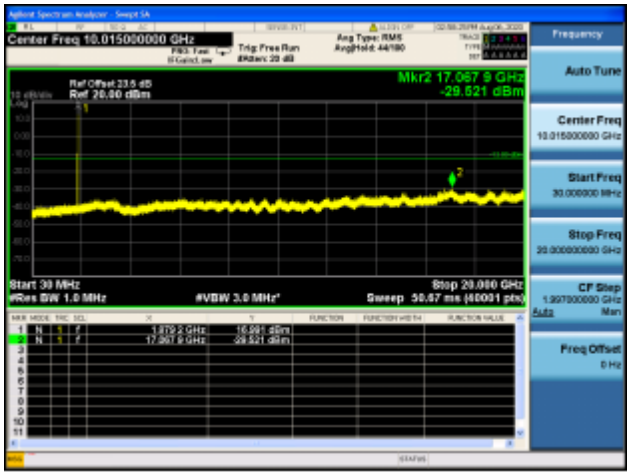
Band2 / 1.4MHz / Low CH / QPSK

Band2 / 1.4MHz / Low CH / 16QAM

Band2 / 1.4MHz / Low CH / 64QAM

Band2 / 1.4MHz / Mid CH / QPSK

Band2 / 1.4MHz / Mid CH / 16QAM



Band2 / 1.4MHz / Mid CH / 64QAM