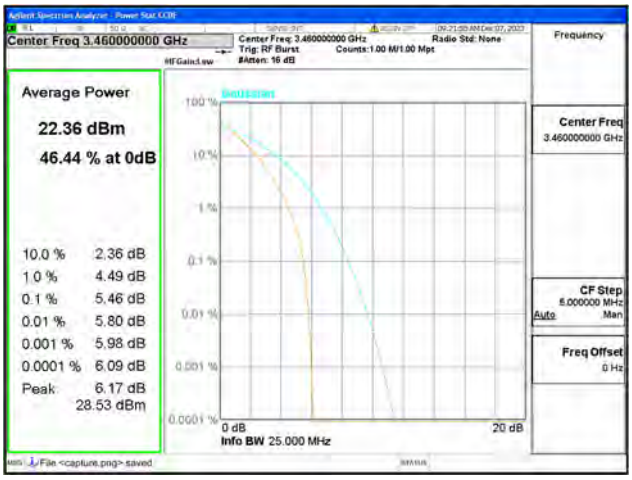
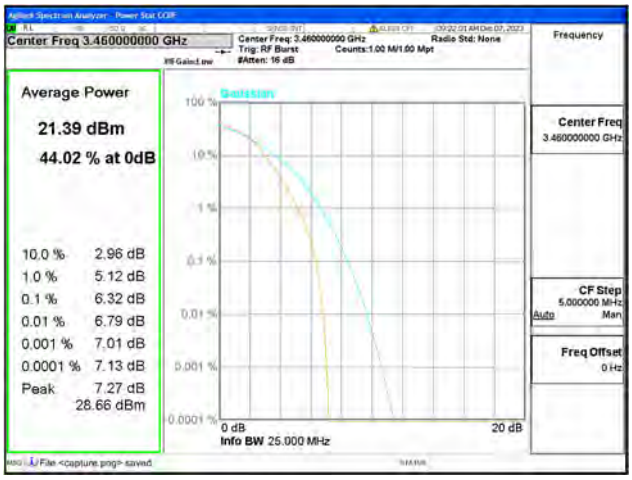
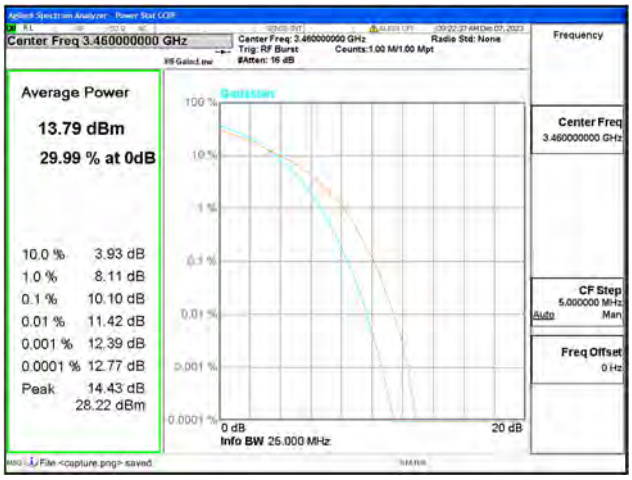


B42 / 20MHz / Low CH / QPSK

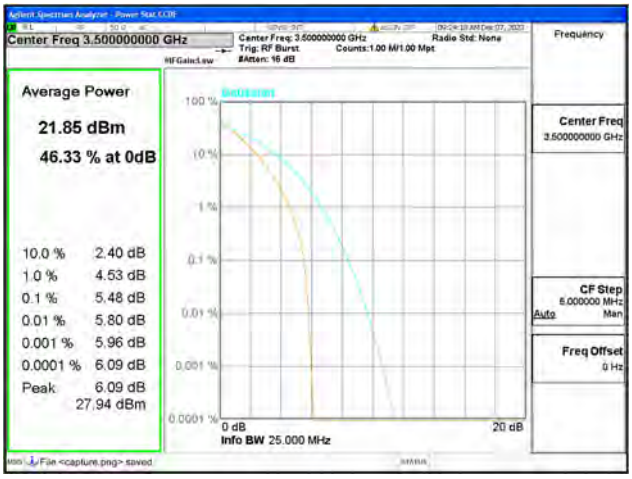


B42 / 20MHz / Low CH / 16QAM

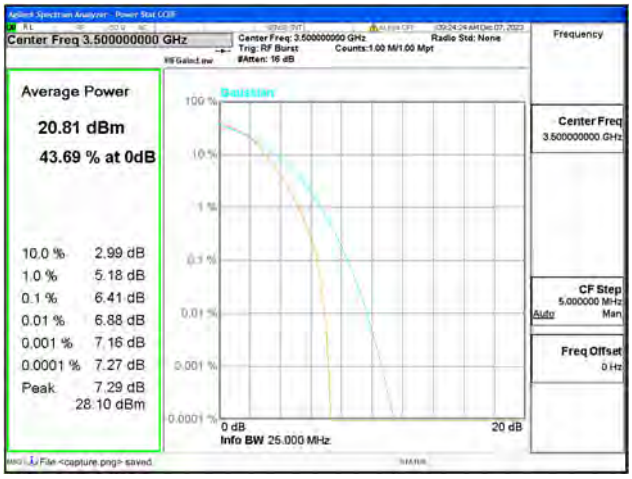
B42 / 20MHz / Low CH / 64QAM



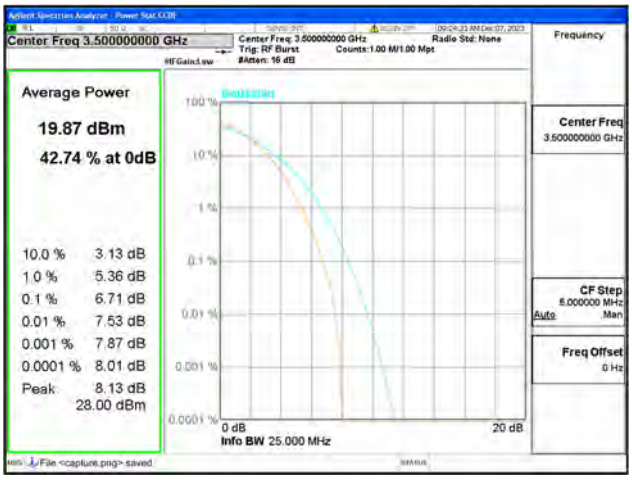
B42 / 20MHz / Low CH / 256QAM



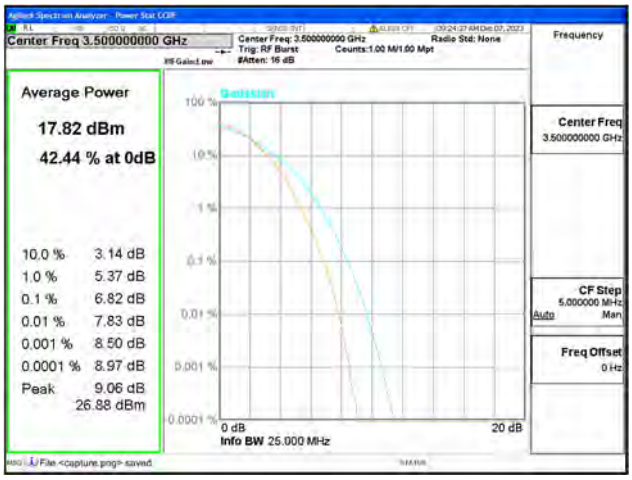
B42 / 20MHz / Mid CH / QPSK



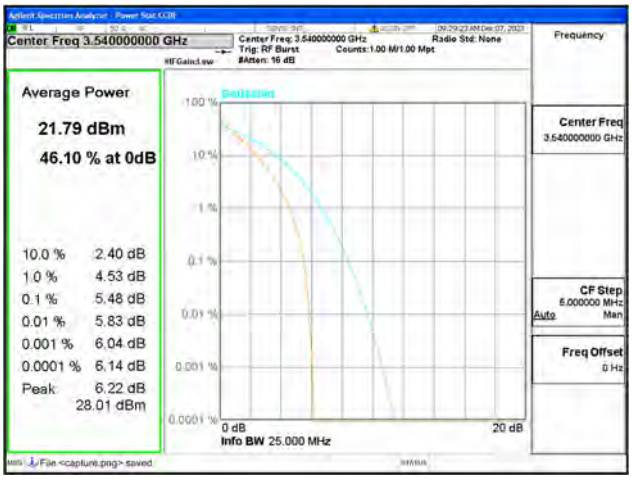
B42 / 20MHz / Mid CH / 16QAM



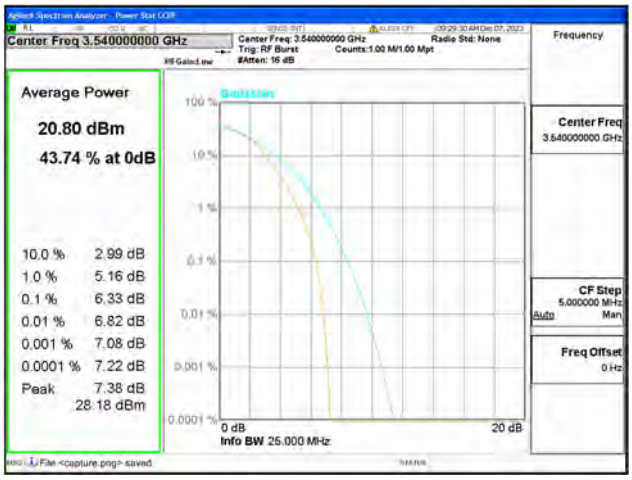
B42 / 20MHz / Mid CH / 64QAM



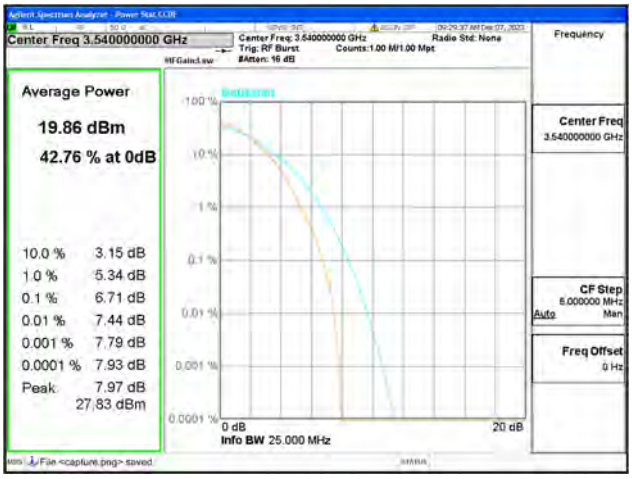
B42 / 20MHz / Mid CH / 256QAM



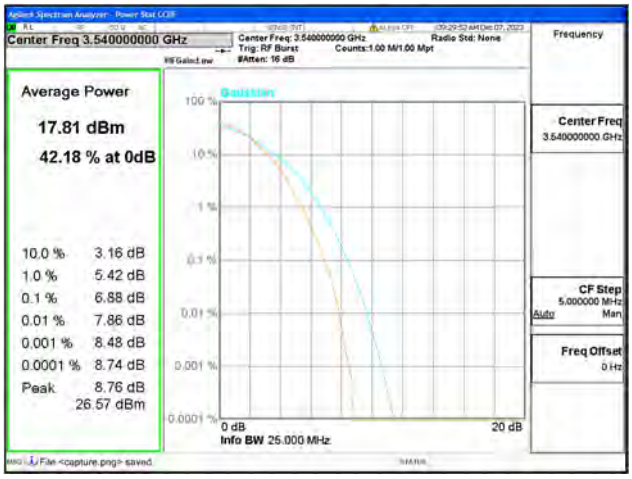
B42 / 20MHz / High CH / QPSK



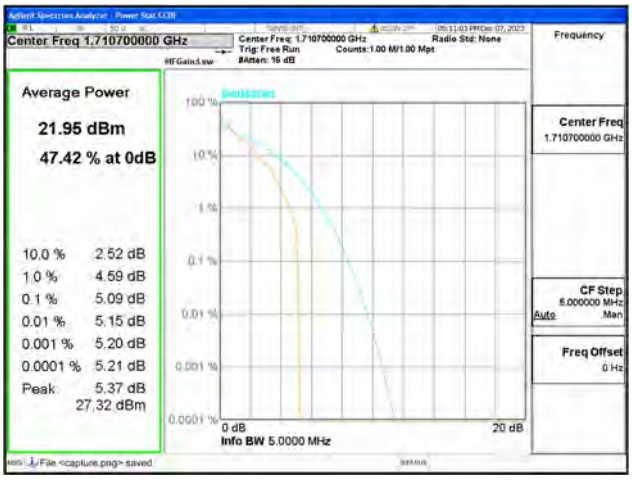
B42 / 20MHz / High CH / 16QAM



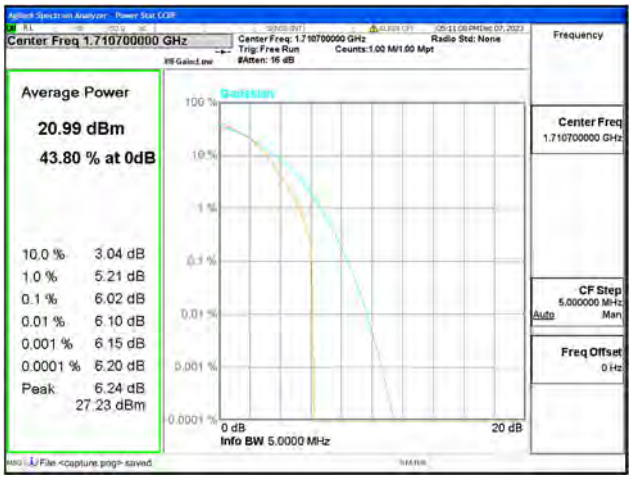
B42 / 20MHz / High CH / 64QAM



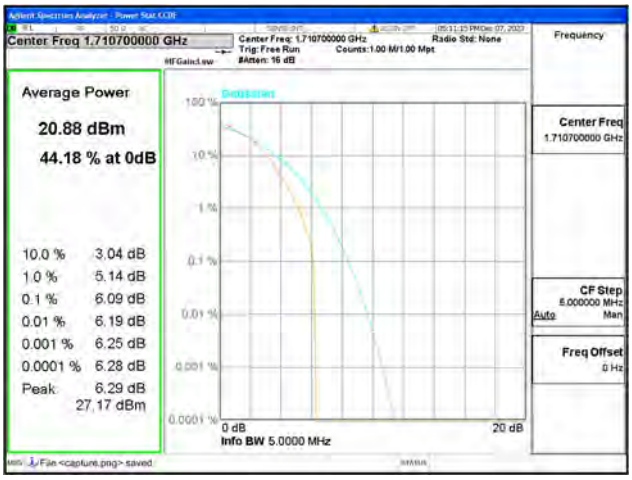
B42 / 20MHz / High CH / 256QAM



B66 / 1.4MHz / Low CH / QPSK

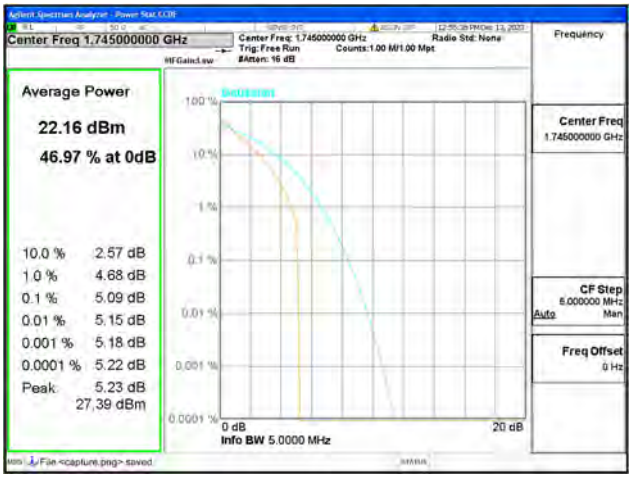


B66 / 1.4MHz / Low CH / 16QAM

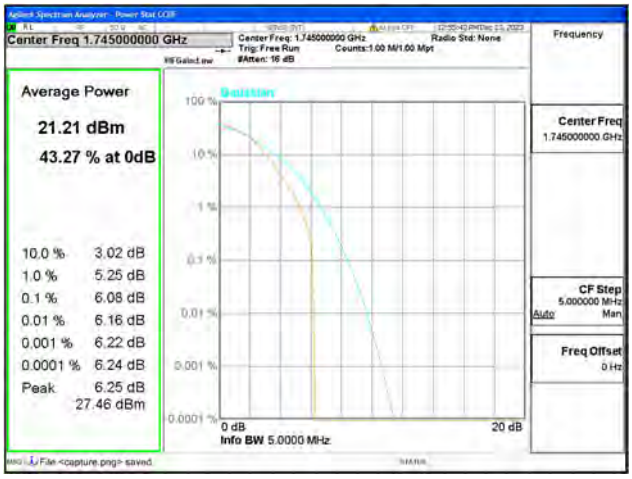


B66 / 1.4MHz / Low CH / 64QAM

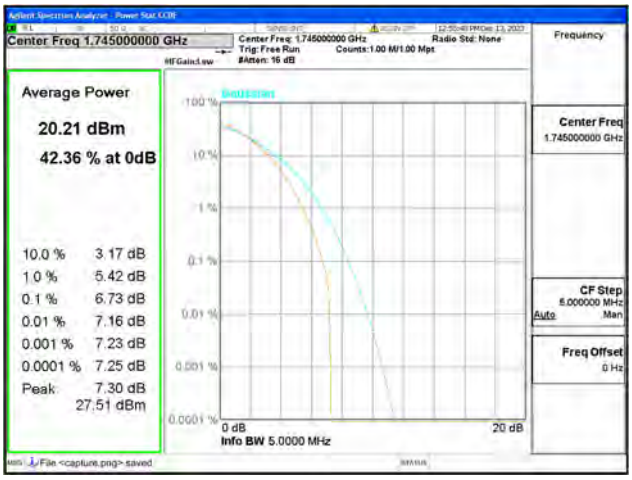
B66 / 1.4MHz / Low CH / 256QAM



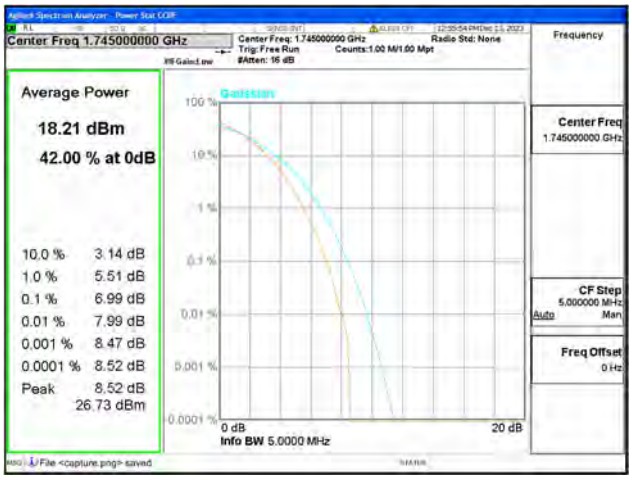
B66 / 1.4MHz / Mid CH / QPSK



B66 / 1.4MHz / Mid CH / 16QAM

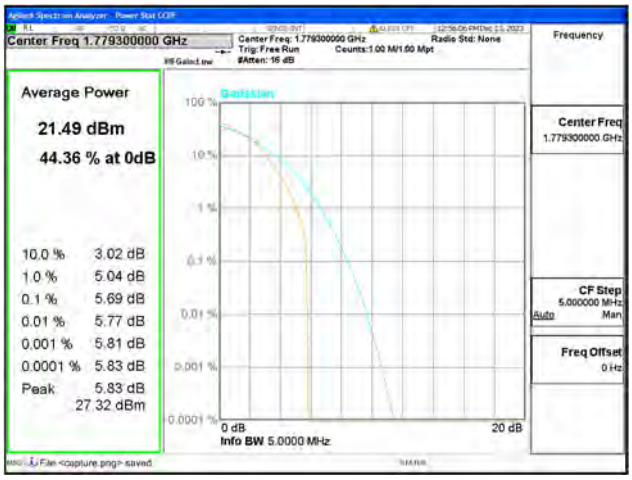


B66 / 1.4MHz / Mid CH / 64QAM



B66 / 1.4MHz / Mid CH / 256QAM

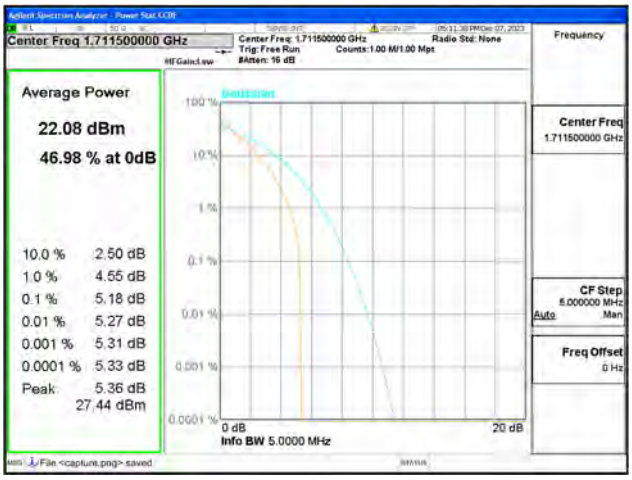
B66 / 1.4MHz / High CH / QPSK



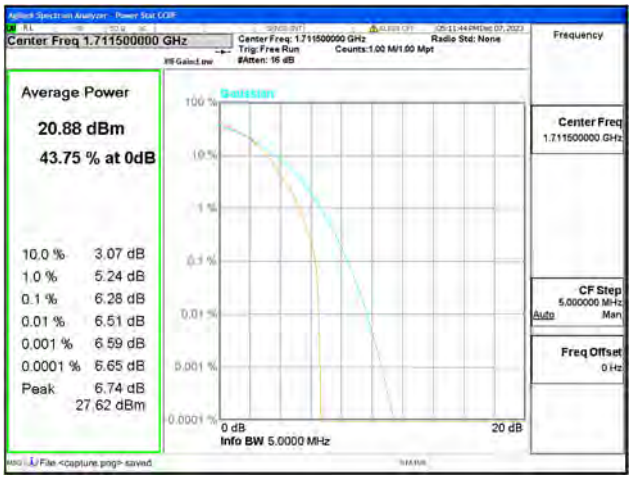
B66 / 1.4MHz / High CH / 16QAM

B66 / 1.4MHz / High CH / 64QAM

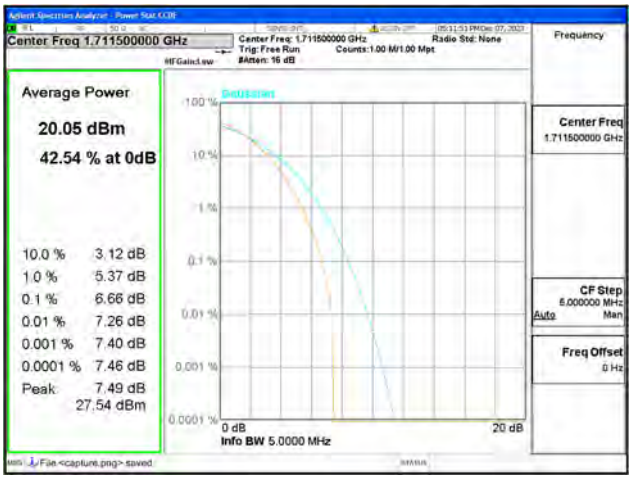
B66 / 1.4MHz / High CH / 256QAM



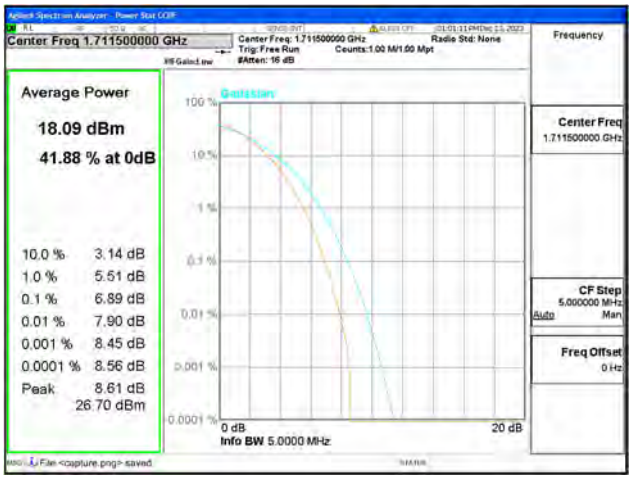
B66 / 3MHz / Low CH / QPSK



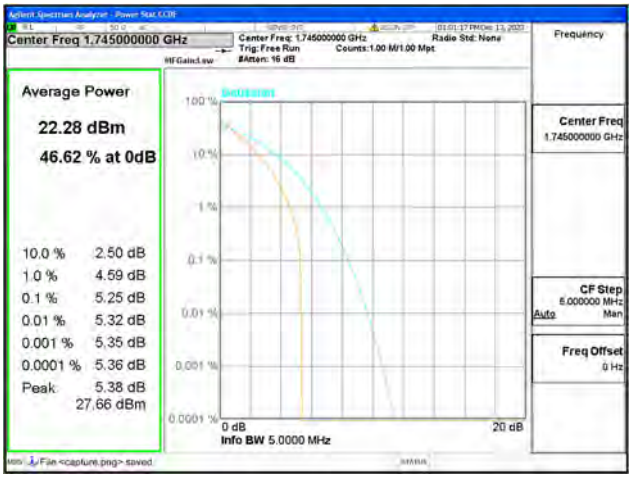
B66 / 3MHz / Low CH / 16QAM



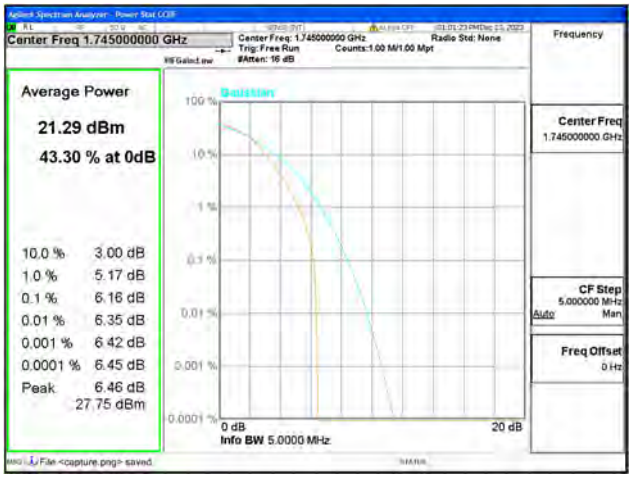
B66 / 3MHz / Low CH / 64QAM



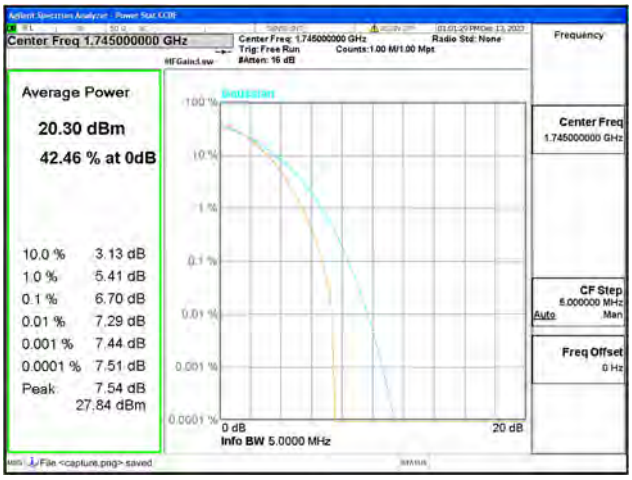
B66 / 3MHz / Low CH / 256QAM



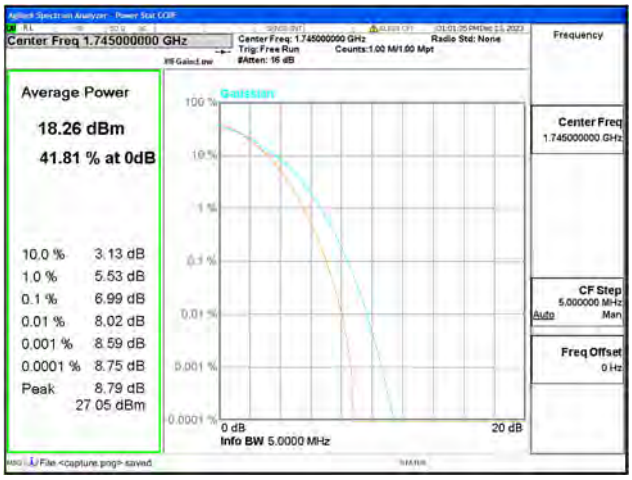
B66 / 3MHz / Mid CH / QPSK



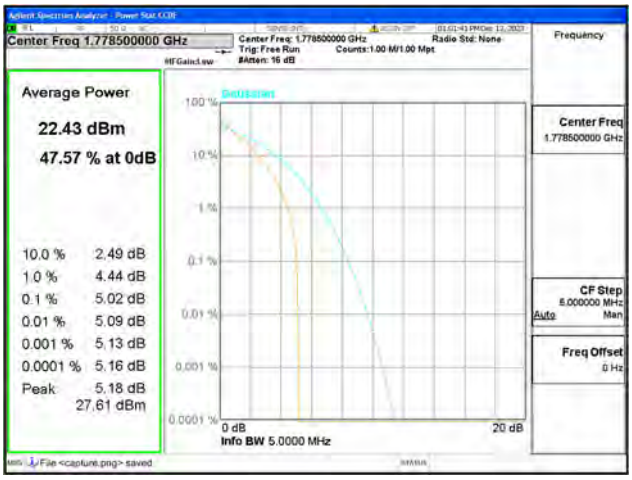
B66 / 3MHz / Mid CH / 16QAM



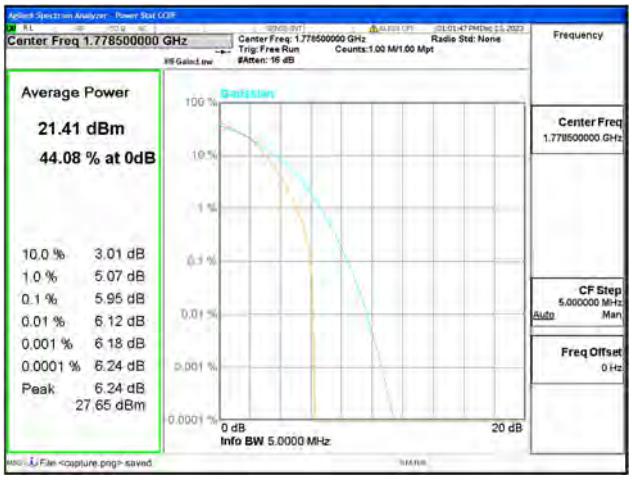
B66 / 3MHz / Mid CH / 64QAM



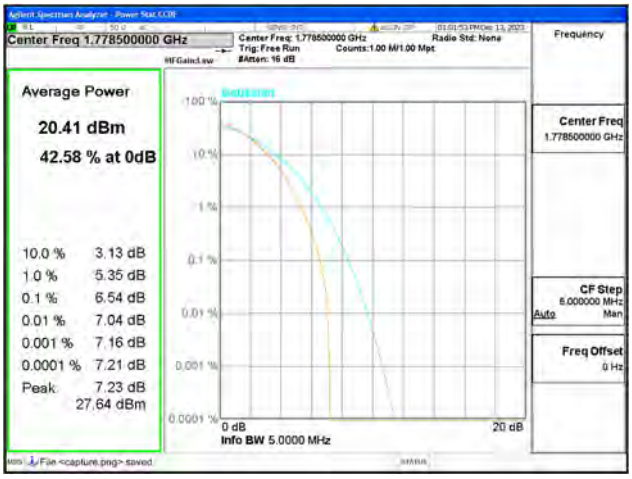
B66 / 3MHz / Mid CH / 256QAM



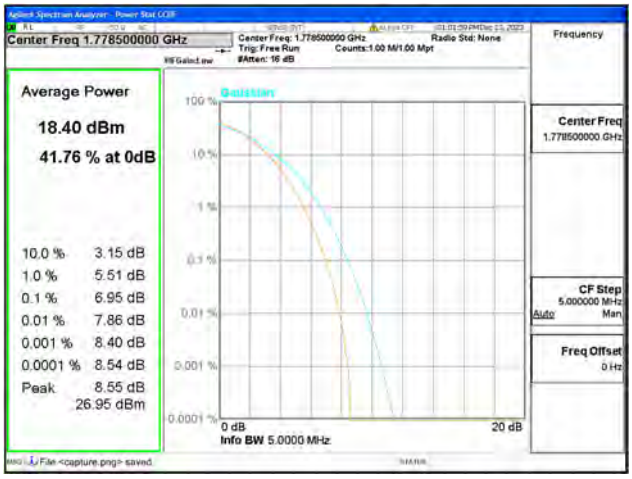
B66 / 3MHz / High CH / QPSK



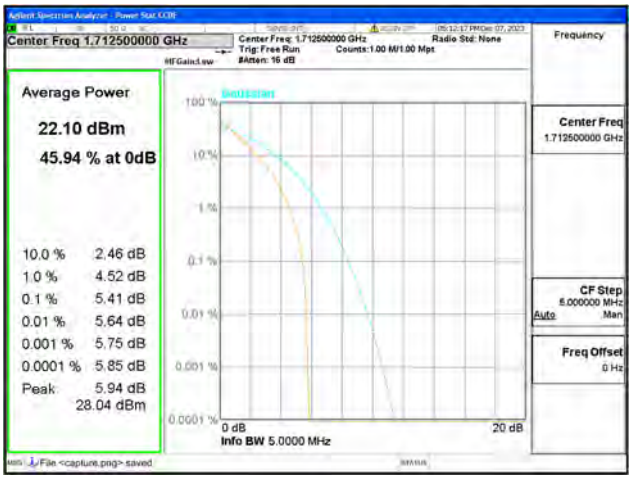
B66 / 3MHz / High CH / 16QAM



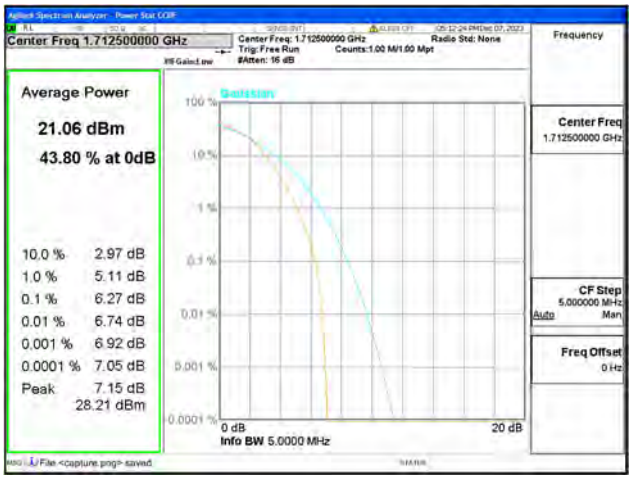
B66 / 3MHz / High CH / 64QAM



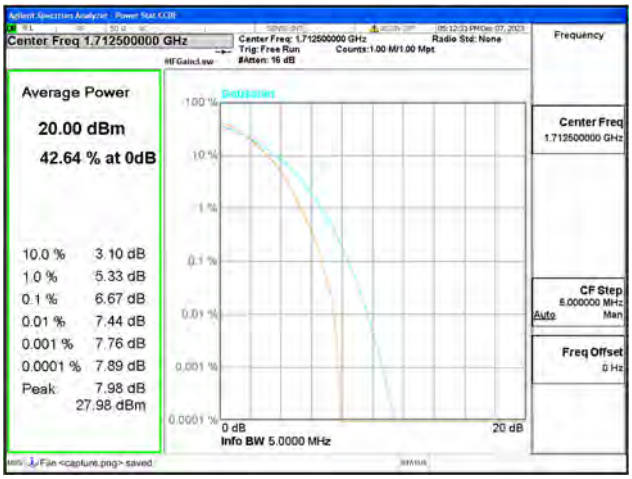
B66 / 3MHz / High CH / 256QAM



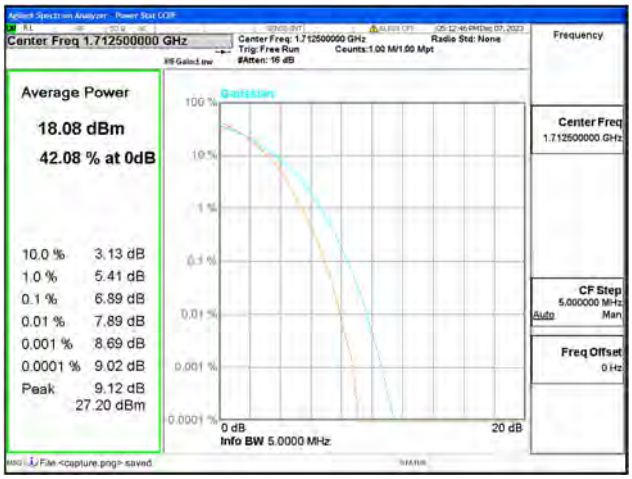
B66 / 5MHz / Low CH / QPSK



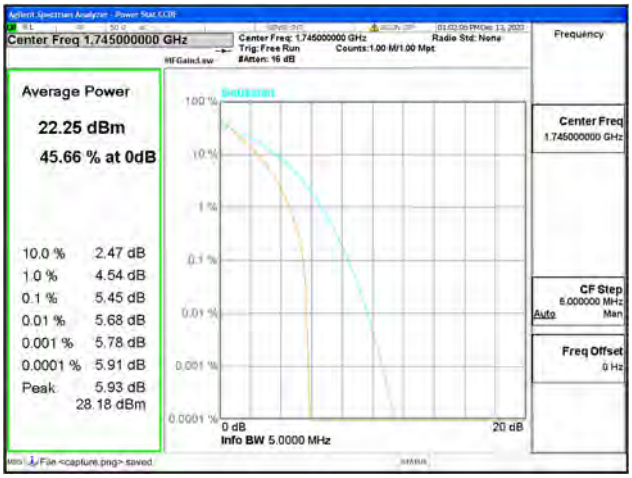
B66 / 5MHz / Low CH / 16QAM



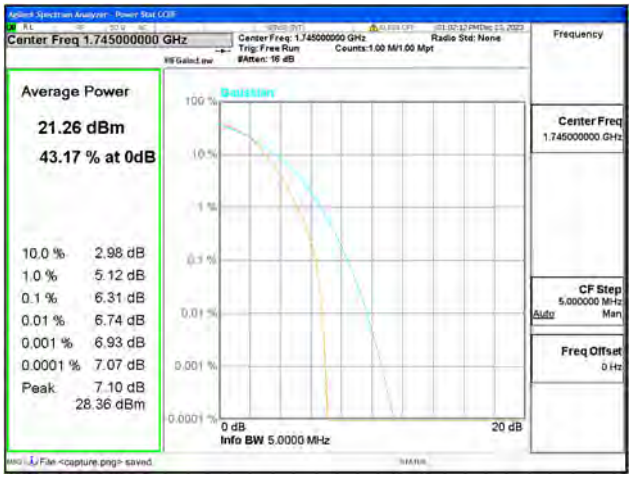
B66 / 5MHz / Low CH / 64QAM



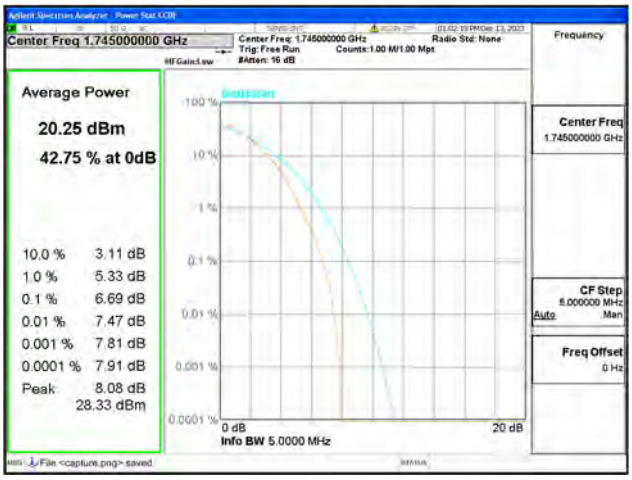
B66 / 5MHz / Low CH / 256QAM



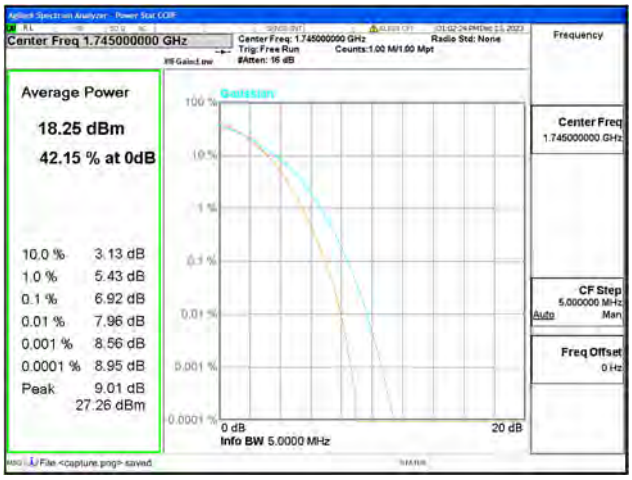
B66 / 5MHz / Mid CH / QPSK



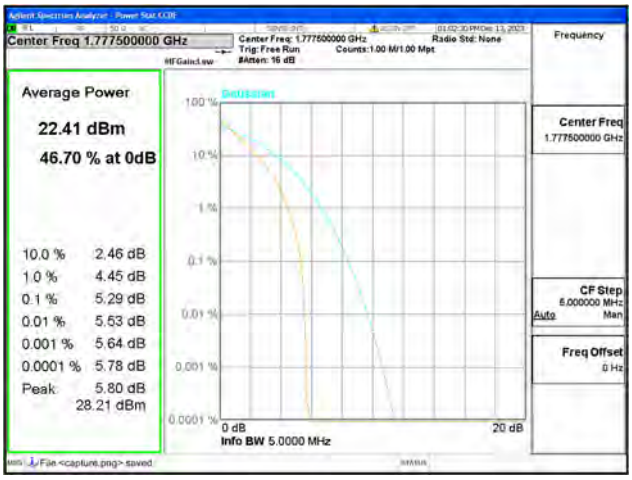
B66 / 5MHz / Mid CH / 16QAM



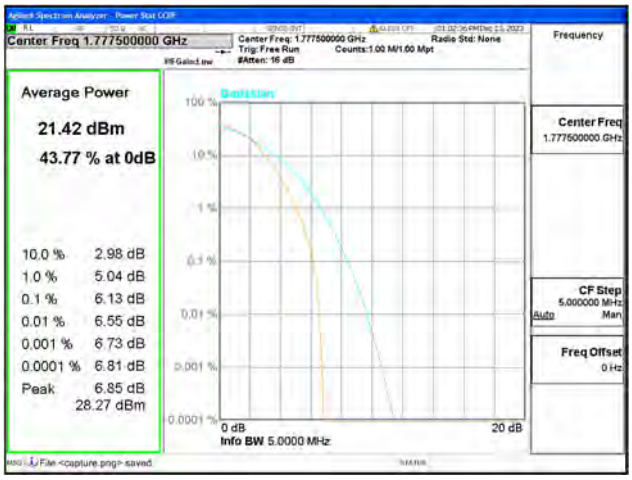
B66 / 5MHz / Mid CH / 64QAM



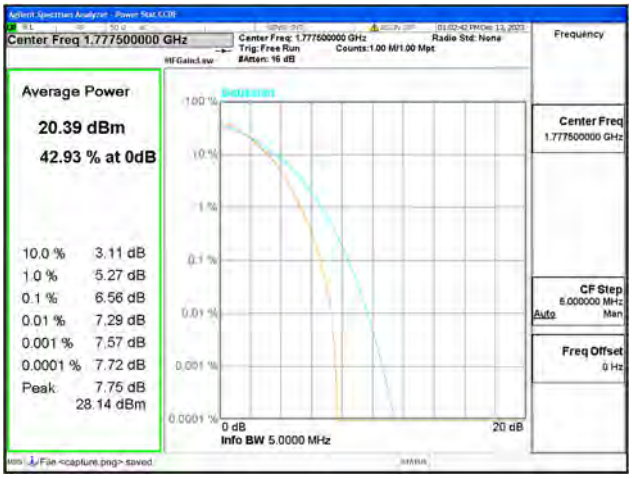
B66 / 5MHz / Mid CH / 256QAM



B66 / 5MHz / High CH / QPSK

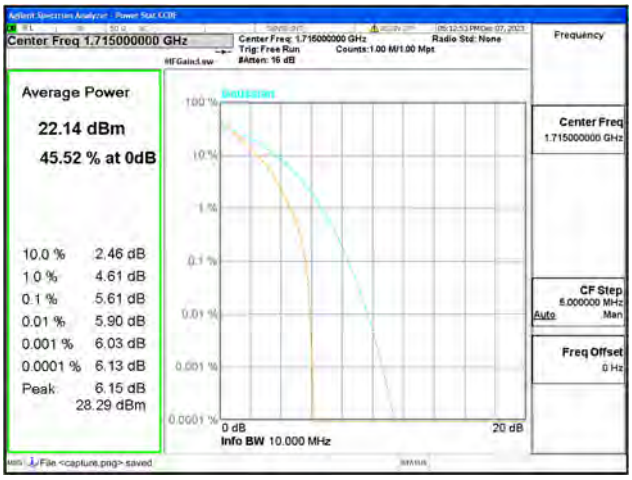


B66 / 5MHz / High CH / 16QAM

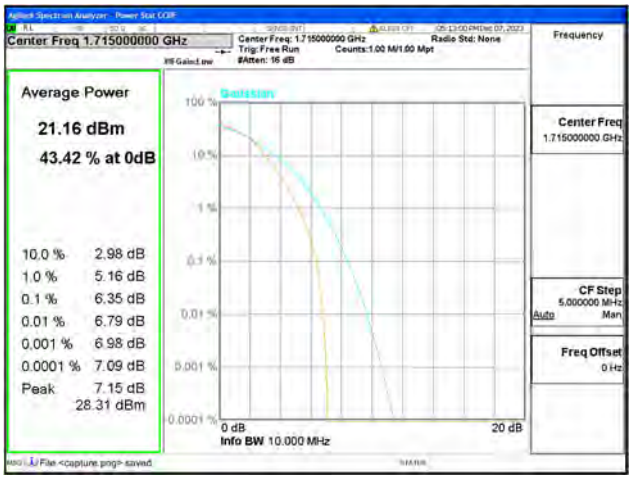


B66 / 5MHz / High CH / 64QAM

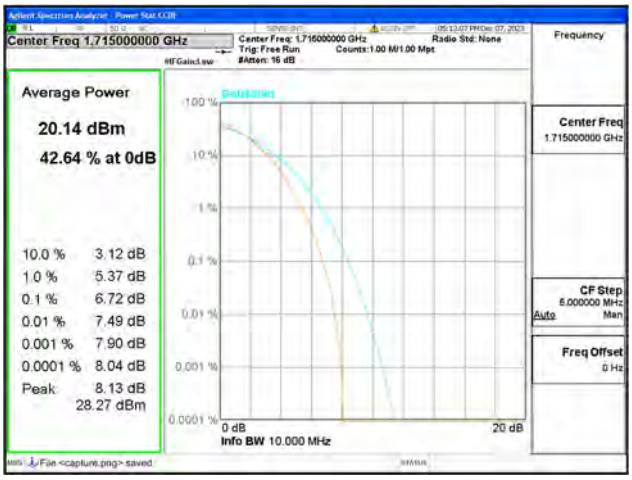
B66 / 5MHz / High CH / 256QAM



B66 / 10MHz / Low CH / QPSK

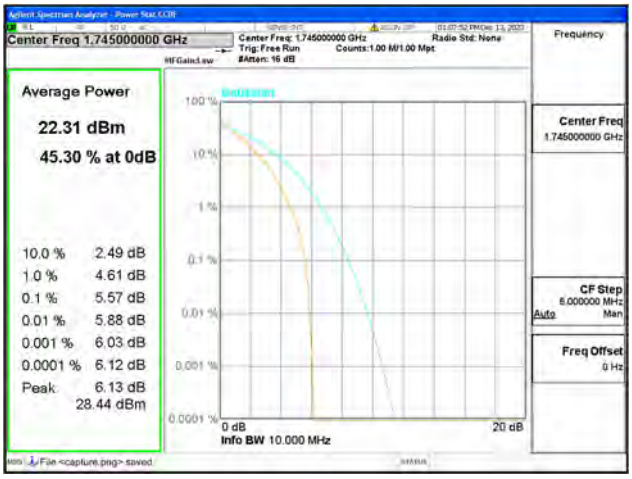


B66 / 10MHz / Low CH / 16QAM

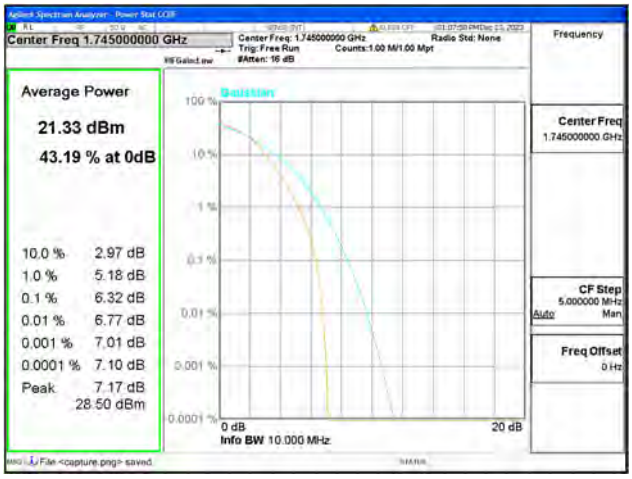


B66 / 10MHz / Low CH / 64QAM

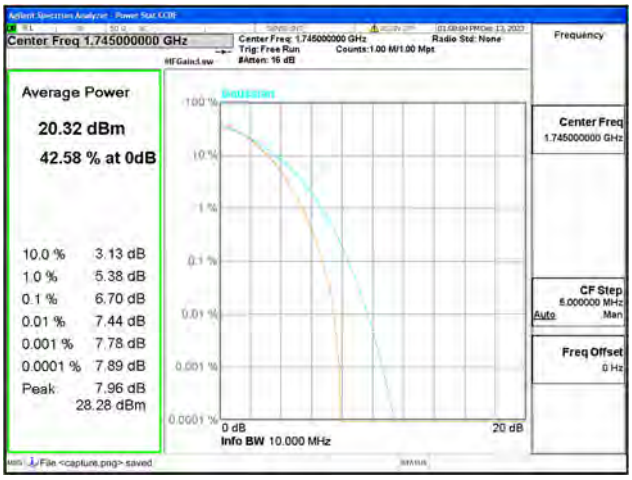
B66 / 10MHz / Low CH / 256QAM



B66 / 10MHz / Mid CH / QPSK

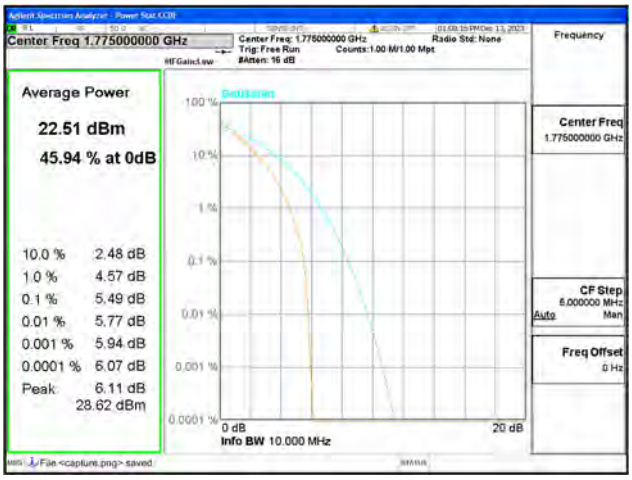


B66 / 10MHz / Mid CH / 16QAM

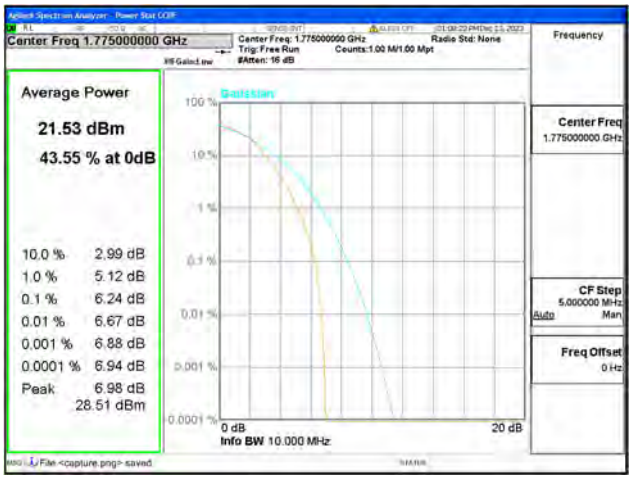


B66 / 10MHz / Mid CH / 64QAM

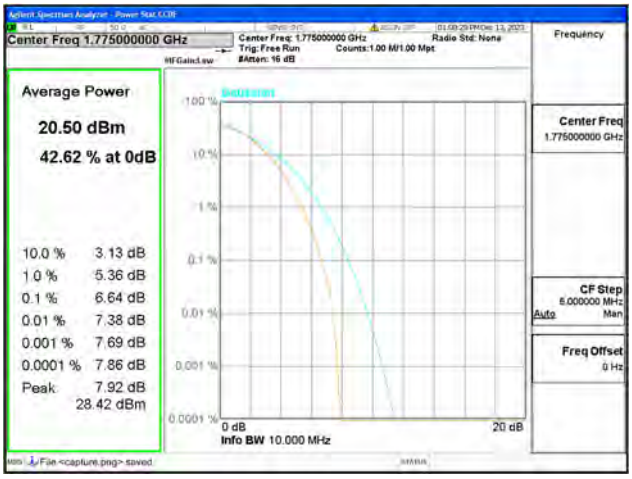
B66 / 10MHz / Mid CH / 256QAM



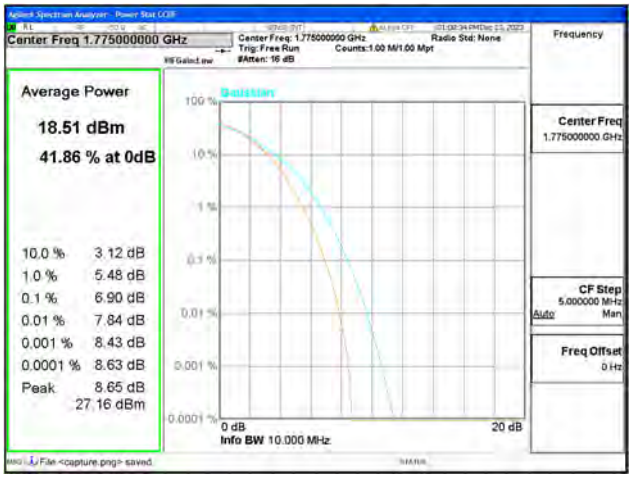
B66 / 10MHz / High CH / QPSK



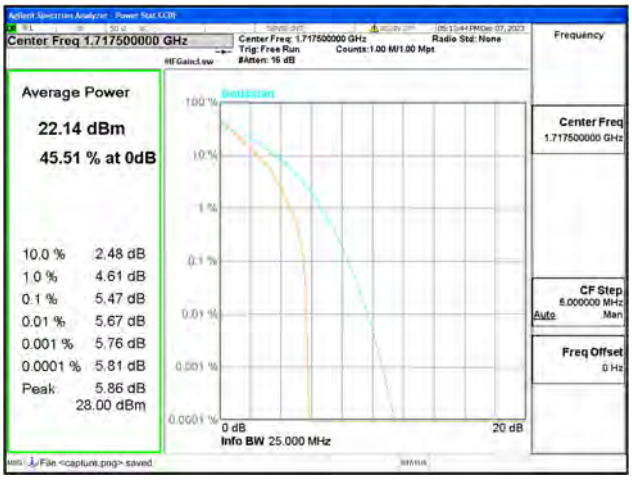
B66 / 10MHz / High CH / 16QAM



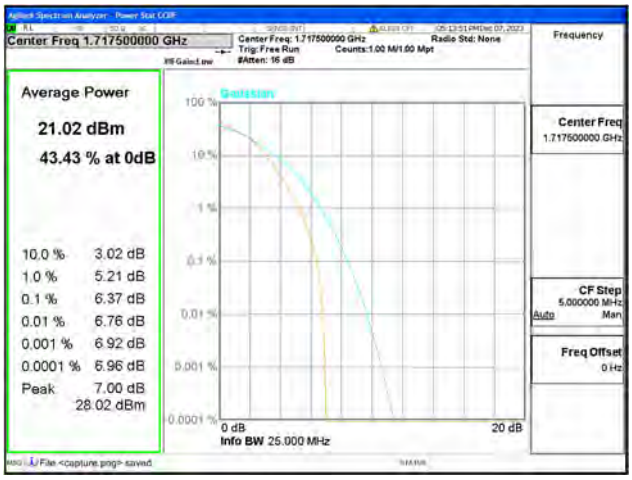
B66 / 10MHz / High CH / 64QAM



B66 / 10MHz / High CH / 256QAM



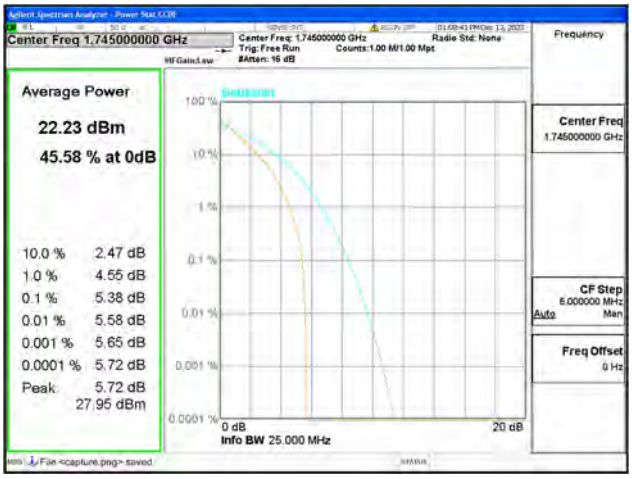
B66 / 15MHz / Low CH / QPSK



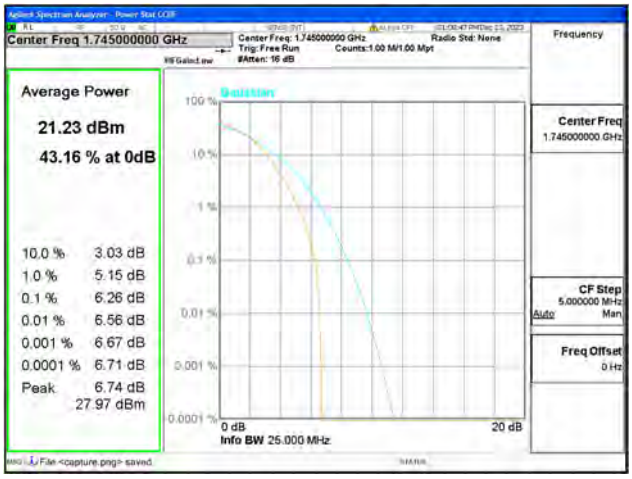
B66 / 15MHz / Low CH / 16QAM

B66 / 15MHz / Low CH / 64QAM

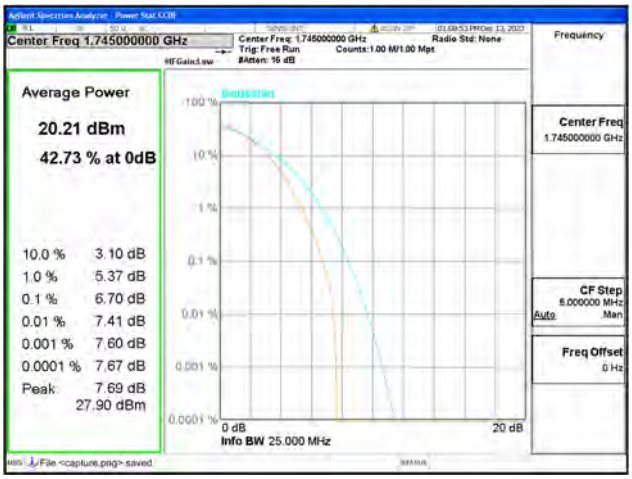
B66 / 15MHz / Low CH / 256QAM



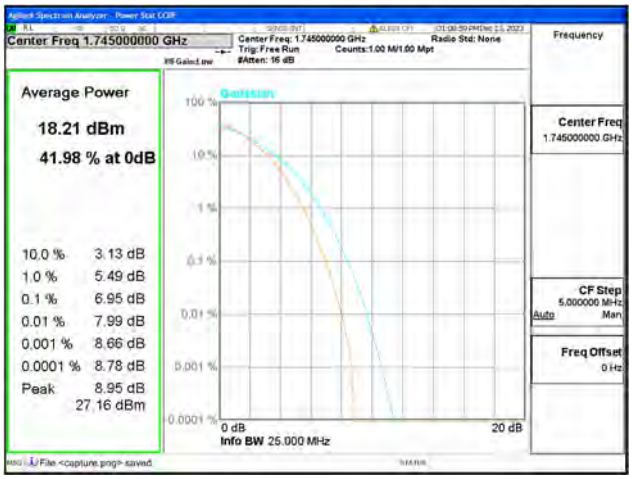
B66 / 15MHz / Mid CH / QPSK



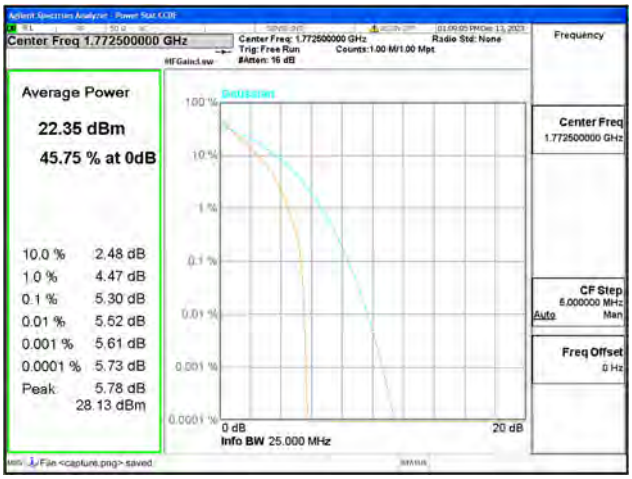
B66 / 15MHz / Mid CH / 16QAM



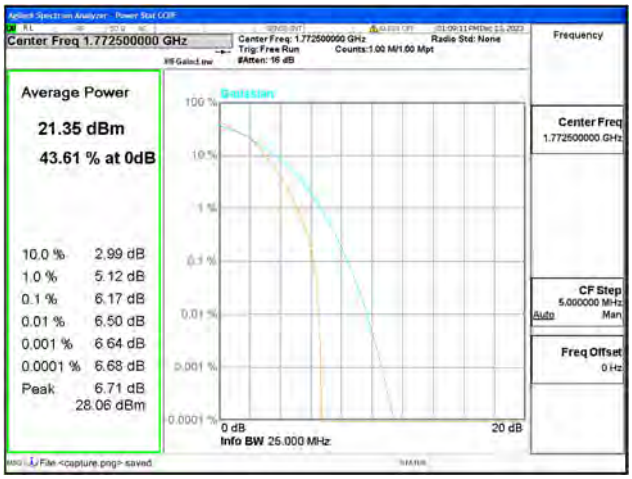
B66 / 15MHz / Mid CH / 64QAM



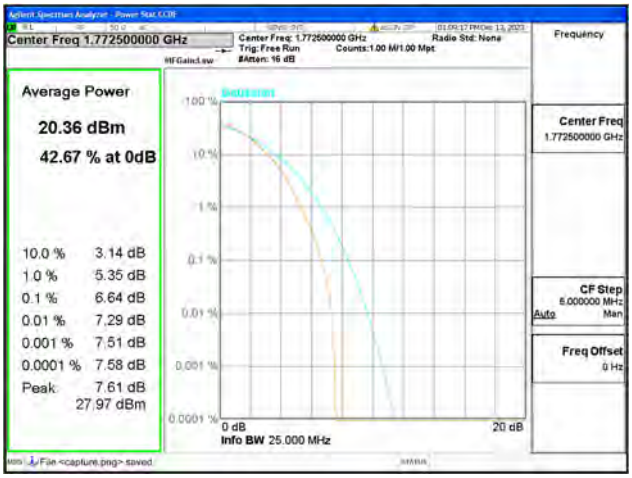
B66 / 15MHz / Mid CH / 256QAM



B66 / 15MHz / High CH / QPSK

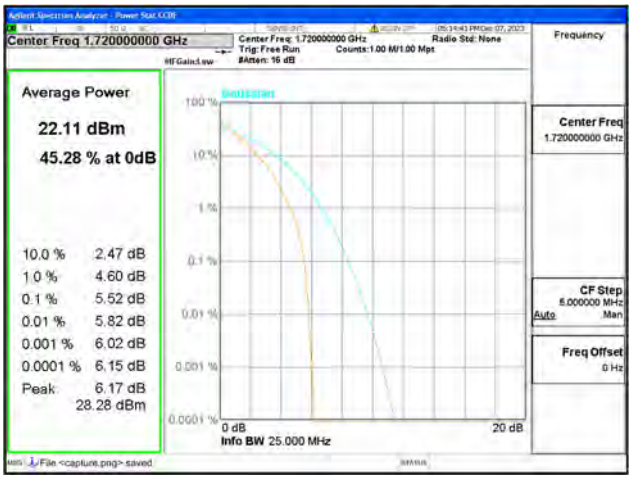


B66 / 15MHz / High CH / 16QAM

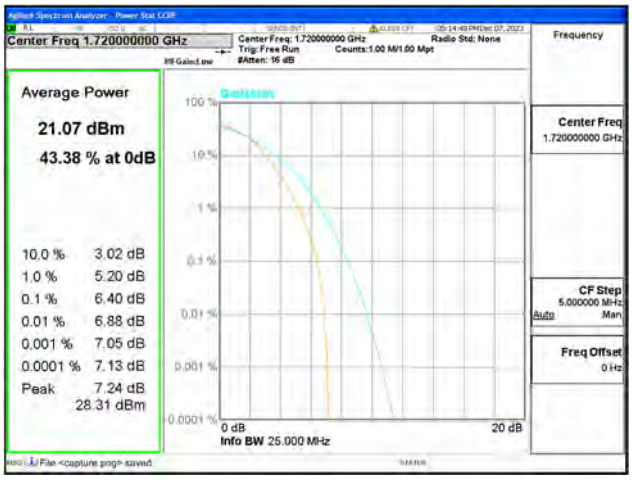


B66 / 15MHz / High CH / 64QAM

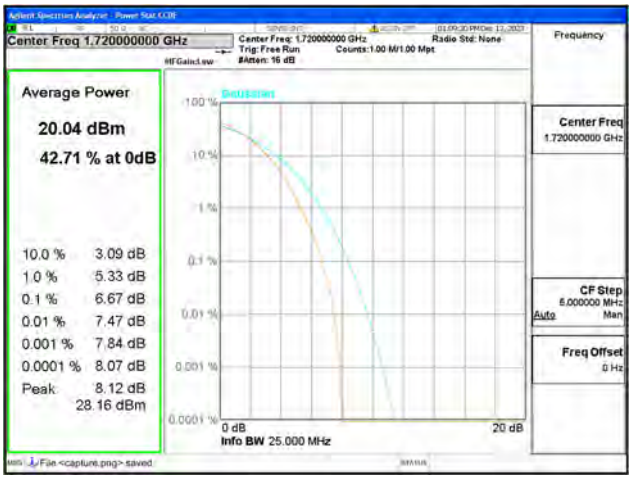
B66 / 15MHz / High CH / 256QAM



B66 / 20MHz / Low CH / QPSK

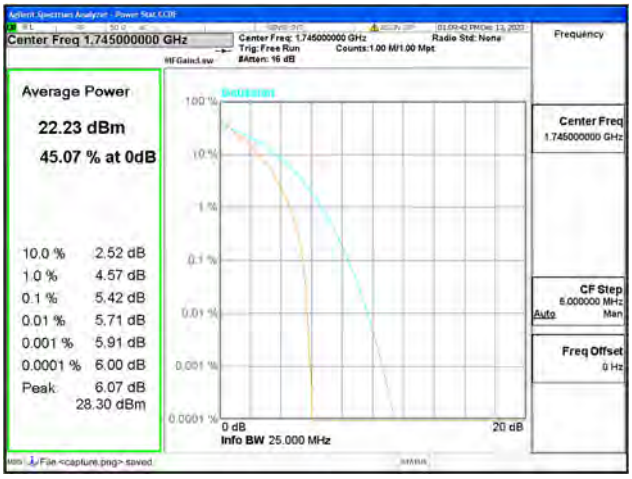


B66 / 20MHz / Low CH / 16QAM

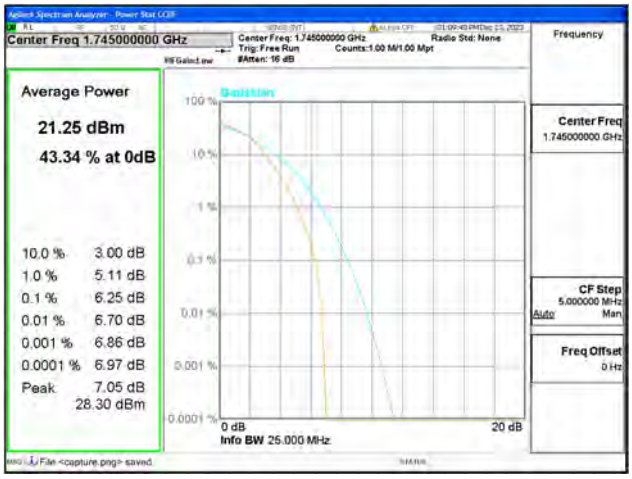


B66 / 20MHz / Low CH / 64QAM

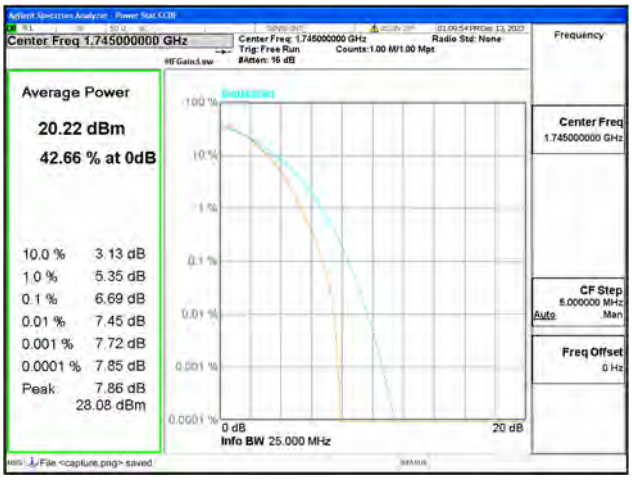
B66 / 20MHz / Low CH / 256QAM



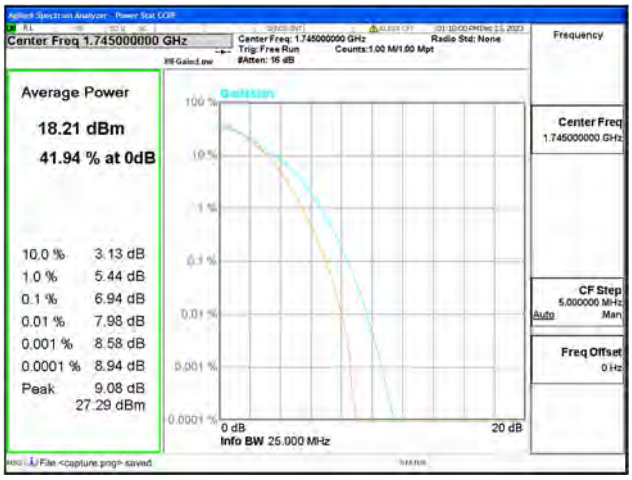
B66 / 20MHz / Mid CH / QPSK



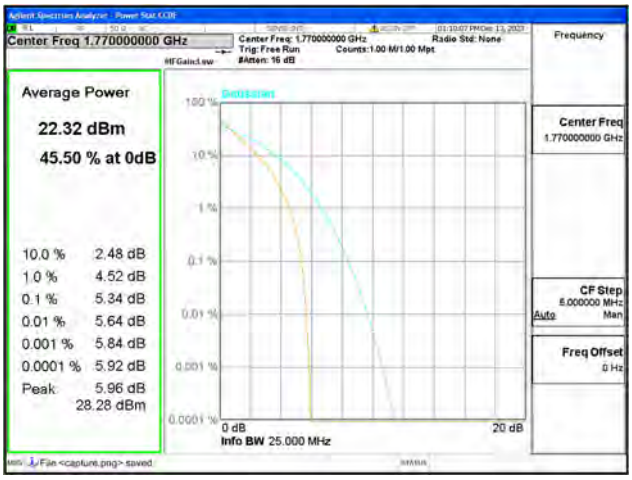
B66 / 20MHz / Mid CH / 16QAM



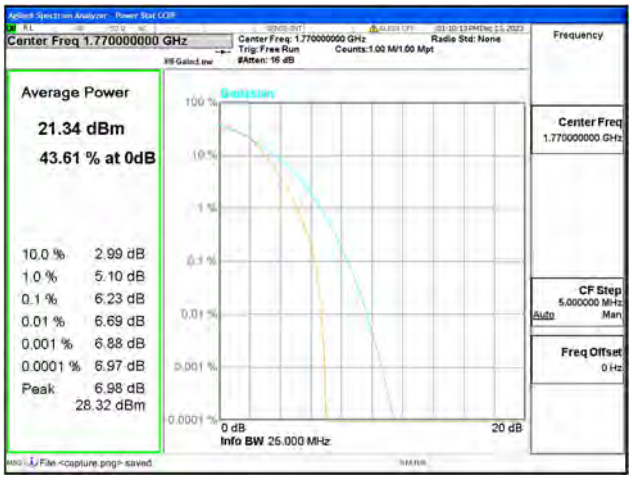
B66 / 20MHz / Mid CH / 64QAM



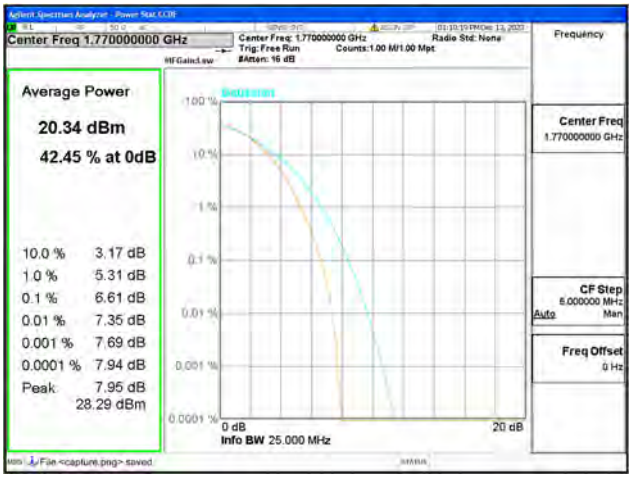
B66 / 20MHz / Mid CH / 256QAM



B66 / 20MHz / High CH / QPSK



B66 / 20MHz / High CH / 16QAM



B66 / 20MHz / High CH / 64QAM

B66 / 20MHz / High CH / 256QAM

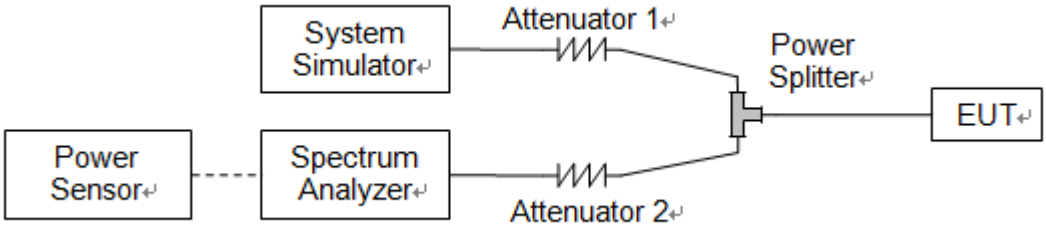
2.5. Conducted Spurious Emissions

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:
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

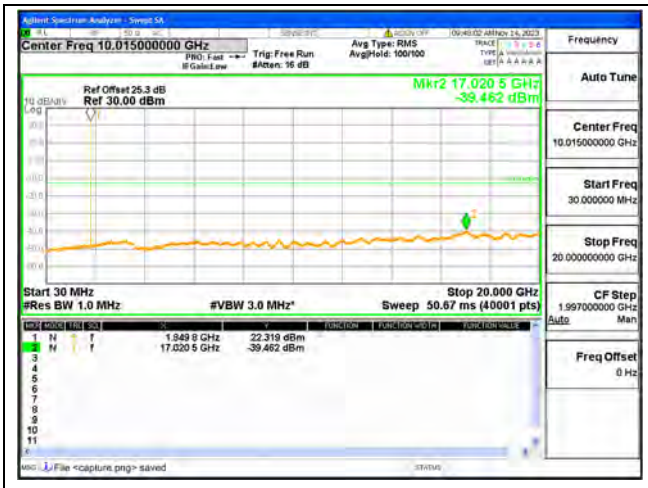


The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum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

2.5.3. Test Procedure

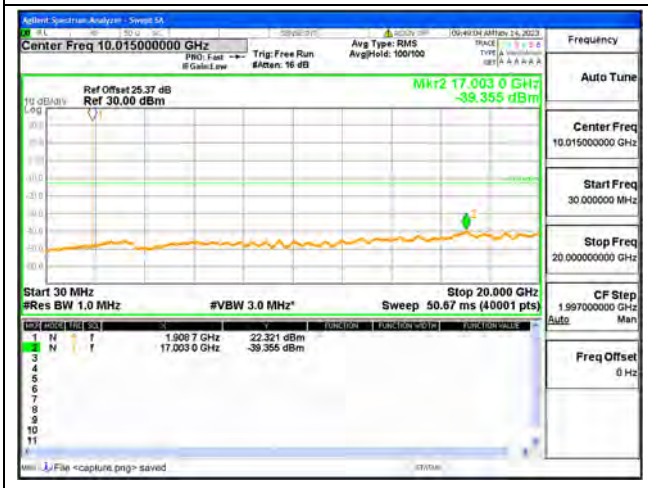
KDB 971168 D01v03 Section 6.0 and ANSI/TIA-603-E-2016.

2.5.4. Test Result



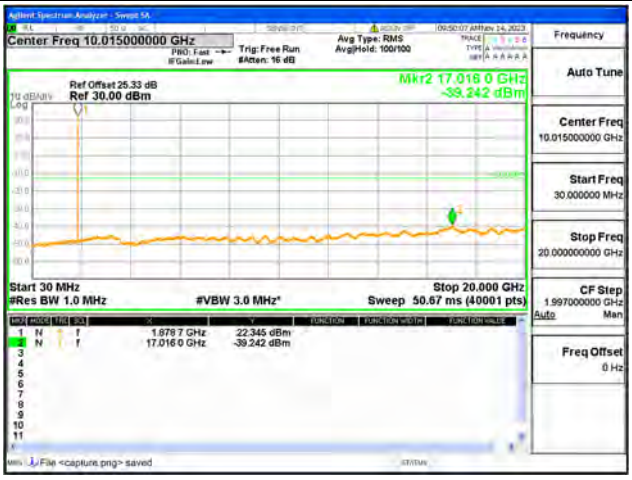
B2 / 1.4MHz / Low CH / QPSK

B2 / 1.4MHz / Mid CH / QPSK



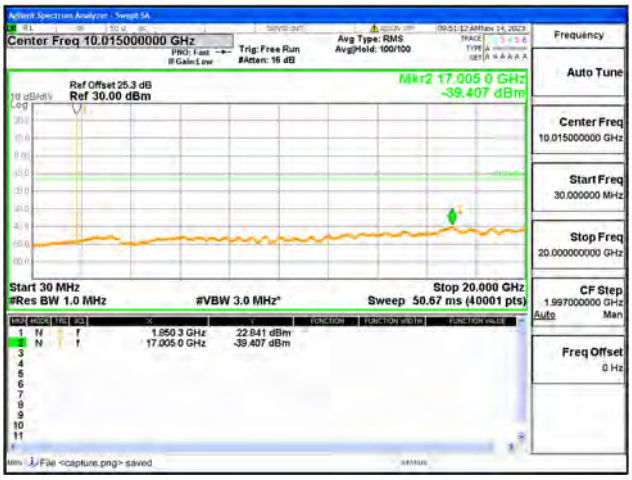
B2 / 1.4MHz / High CH / QPSK

B2 / 3MHz / Low CH / QPSK



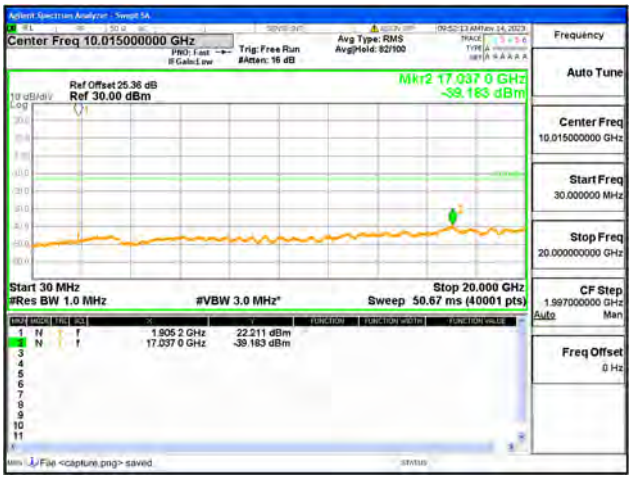
B2 / 3MHz / Mid CH / QPSK

B2 / 3MHz / High CH / QPSK



B2 / 5MHz / Low CH / QPSK

B2 / 5MHz / Mid CH / QPSK

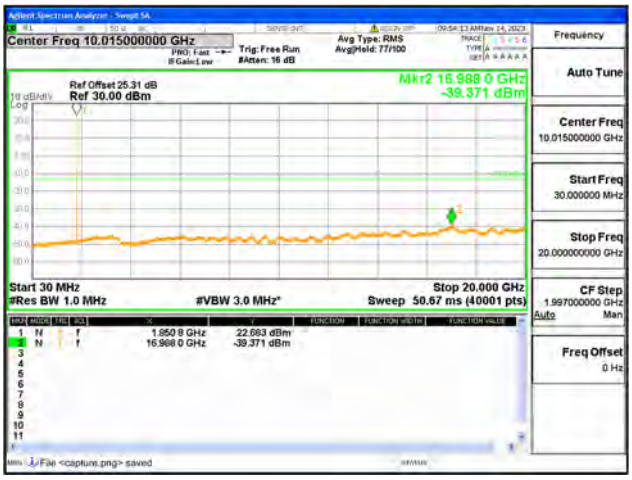


B2 / 5MHz / High CH / QPSK

B2 / 10MHz / Low CH / QPSK

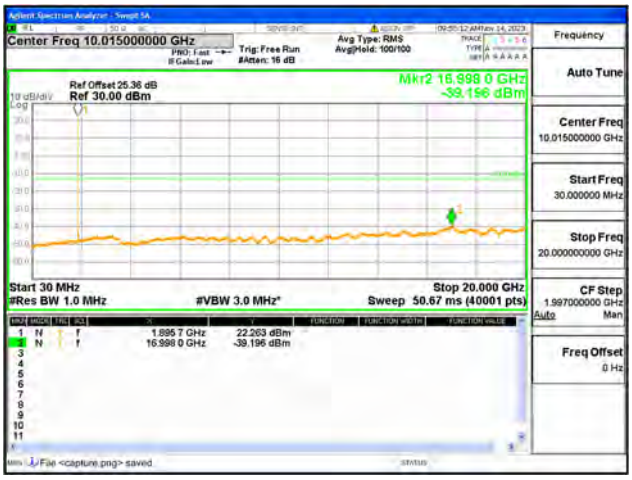
B2 / 10MHz / Mid CH / QPSK

B2 / 10MHz / High CH / QPSK



B2 / 15MHz / Low CH / QPSK

B2 / 15MHz / Mid CH / QPSK



B2 / 15MHz / High CH / QPSK

B2 / 20MHz / Low CH / QPSK

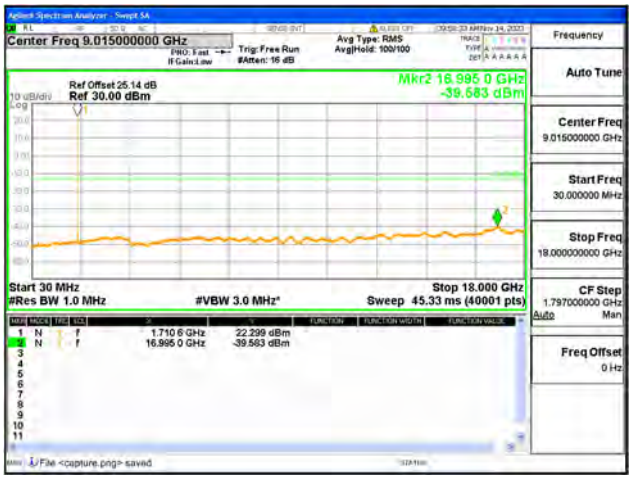
B2 / 20MHz / Mid CH / QPSK

B2 / 20MHz / High CH / QPSK

B4 / 1.4MHz / Low CH / QPSK

B4 / 1.4MHz / Mid CH / QPSK

B4 / 1.4MHz / High CH / QPSK



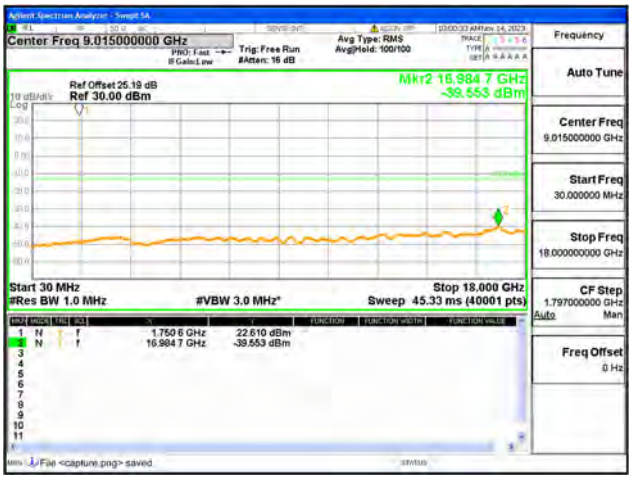
B4 / 3MHz / Low CH / QPSK

B4 / 3MHz / Mid CH / QPSK

B4 / 3MHz / High CH / QPSK

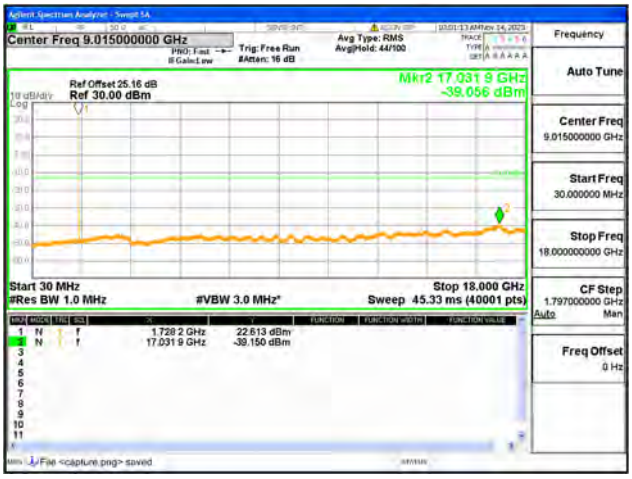
B4 / 5MHz / Low CH / QPSK

B4 / 5MHz / Mid CH / QPSK



B4 / 5MHz / High CH / QPSK

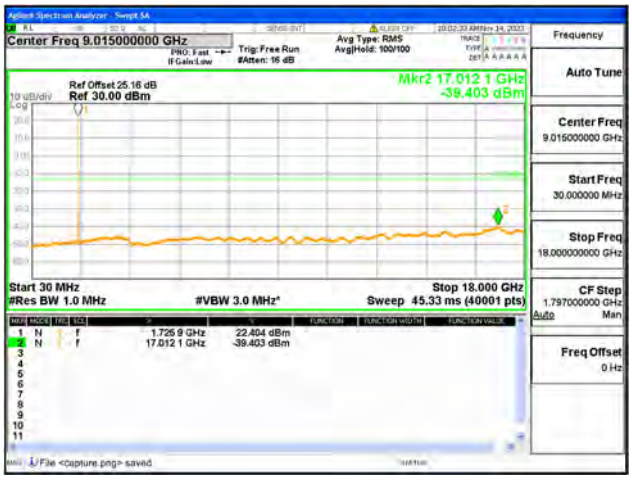
B4 / 10MHz / Low CH / QPSK



B4 / 10MHz / Mid CH / QPSK

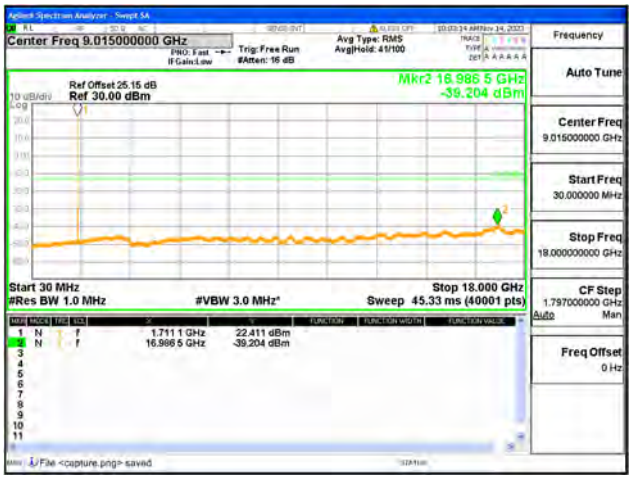
B4 / 10MHz / High CH / QPSK

B4 / 15MHz / Low CH / QPSK



B4 / 15MHz / Mid CH / QPSK

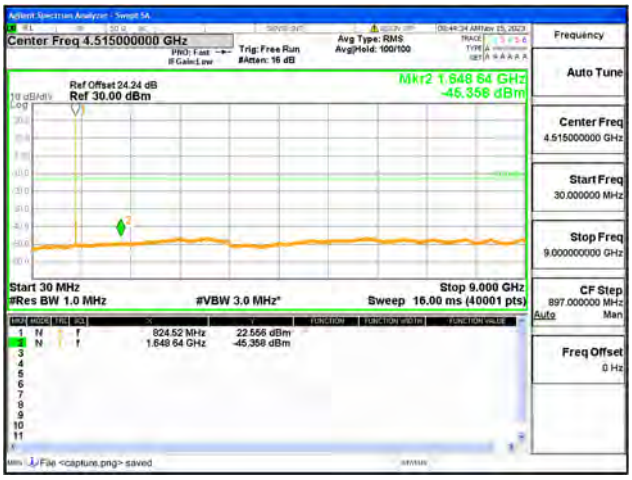
B4 / 15MHz / High CH / QPSK



B4 / 20MHz / Low CH / QPSK

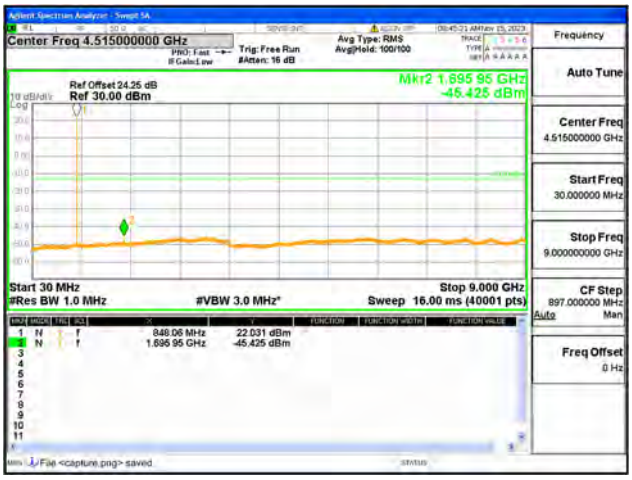
B4 / 20MHz / Mid CH / QPSK

B4 / 20MHz / High CH / QPSK

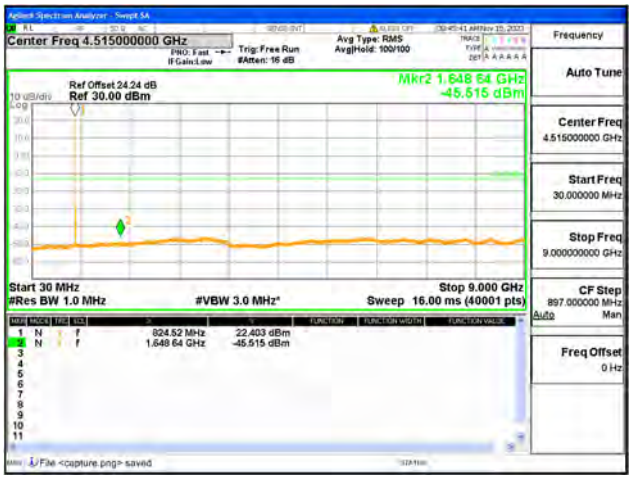


B5 / 1.4MHz / Low CH / QPSK

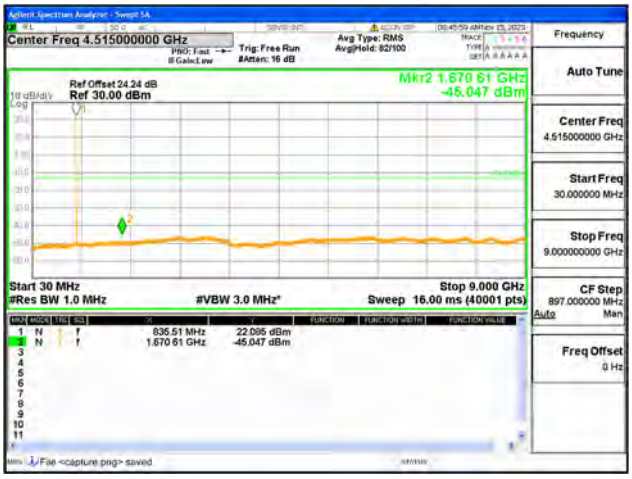
B5 / 1.4MHz / Mid CH / QPSK



B5 / 1.4MHz / High CH / QPSK

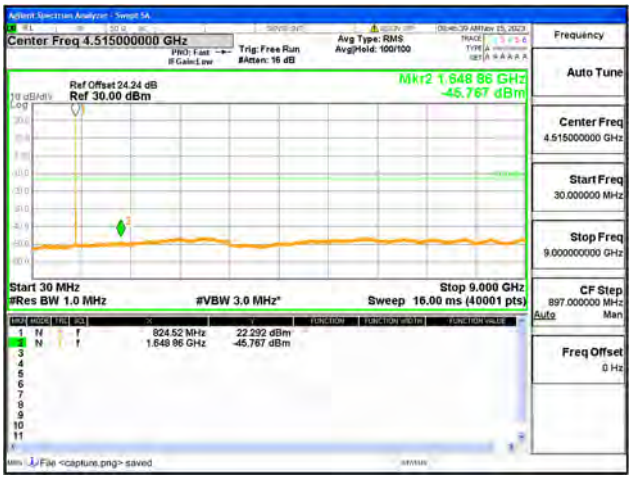


B5 / 3MHz / Low CH / QPSK

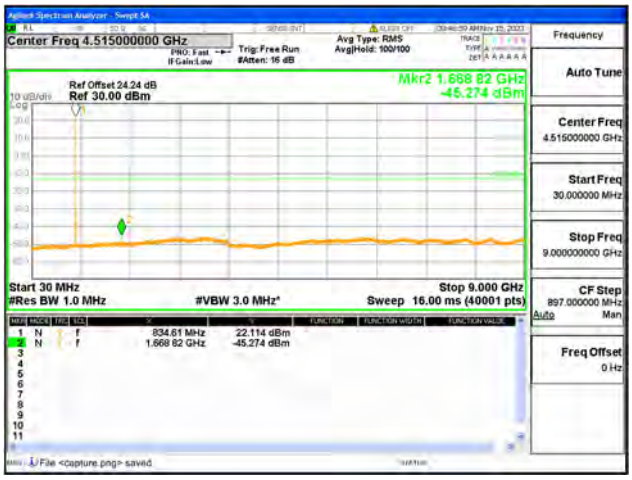


B5 / 3MHz / Mid CH / QPSK

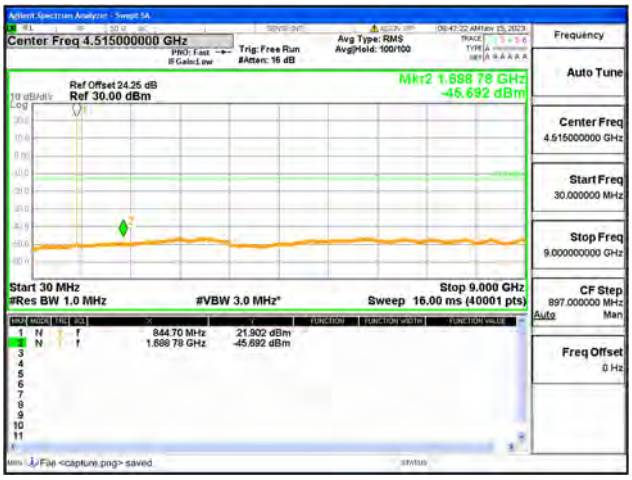
B5 / 3MHz / High CH / QPSK



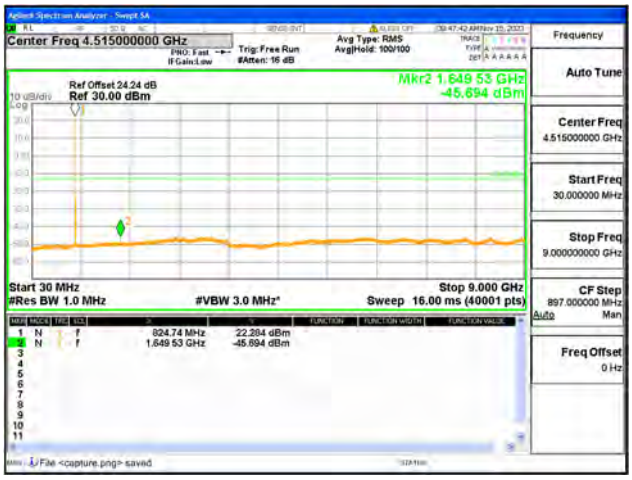
B5 / 5MHz / Low CH / QPSK



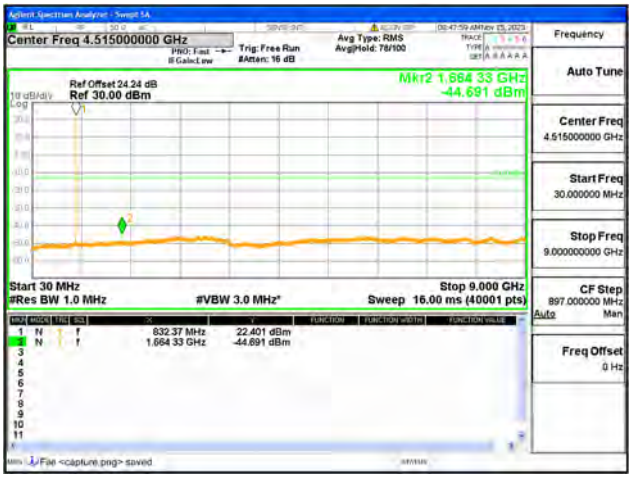
B5 / 5MHz / Mid CH / QPSK



B5 / 5MHz / High CH / QPSK

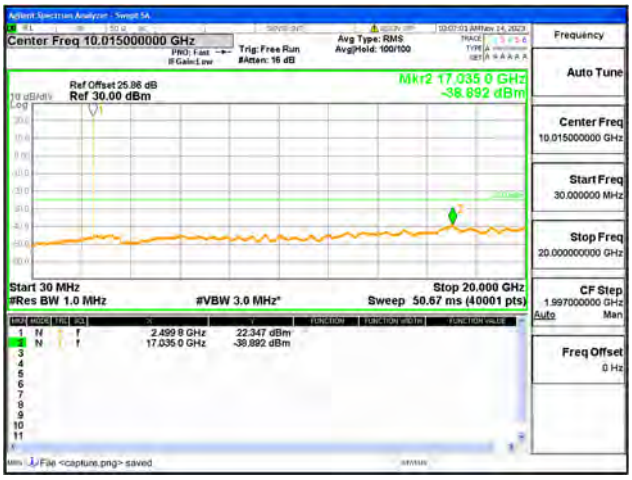


B5 / 10MHz / Low CH / QPSK

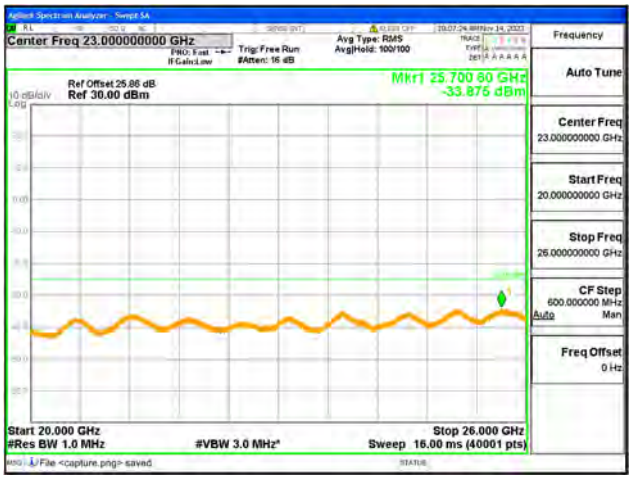


B5 / 10MHz / Mid CH / QPSK

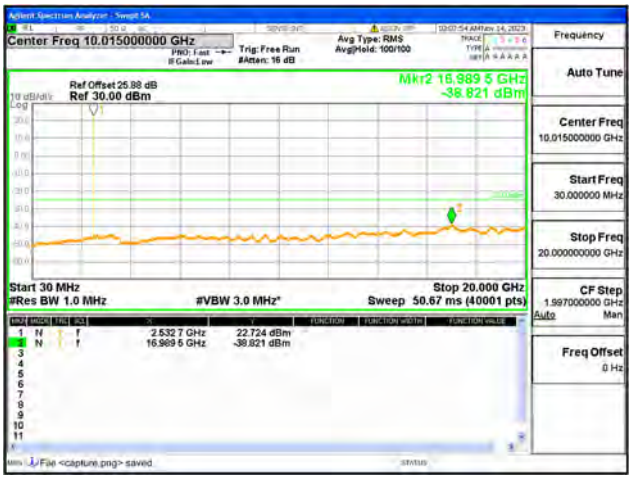
B5 / 10MHz / High CH / QPSK



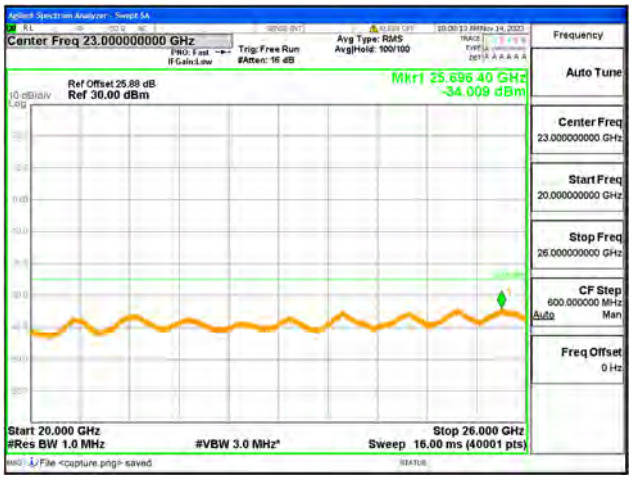
B7-30M-20G / 5MHz / Low CH / QPSK



B7-20G-26G / 5MHz / Low CH / QPSK

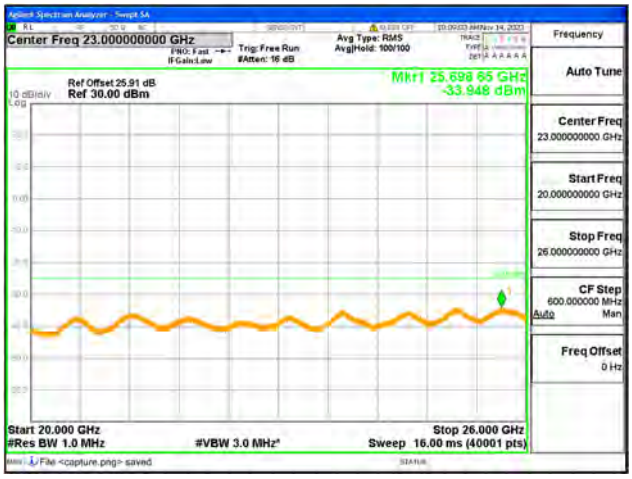


B7-30M-20G / 5MHz / Mid CH / QPSK

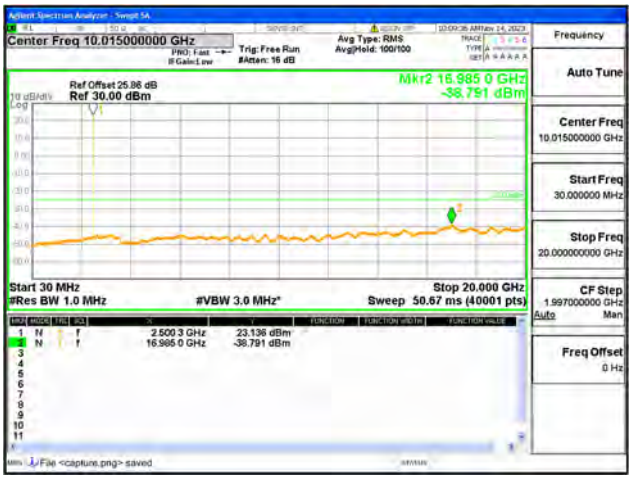


B7-20G-26G / 5MHz / Mid CH / QPSK

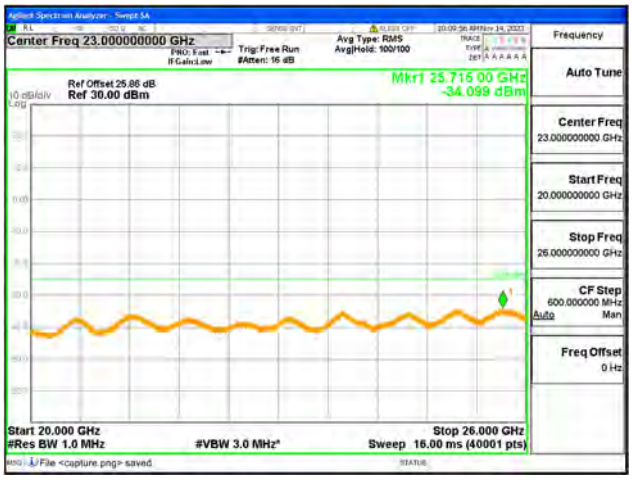
B7-30M-20G / 5MHz / High CH / QPSK



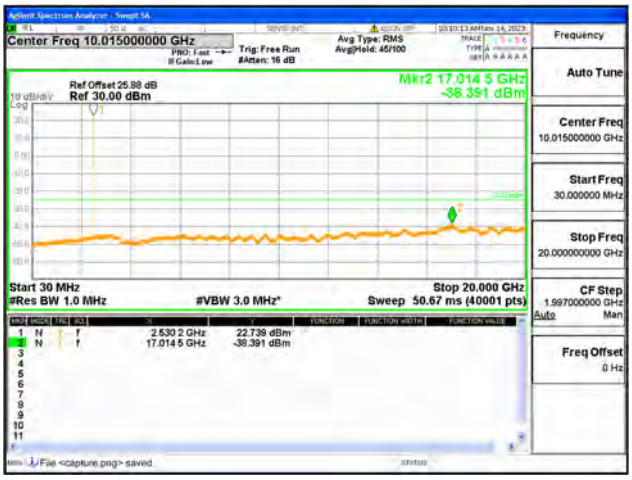
B7-20G-26G / 5MHz / High CH / QPSK



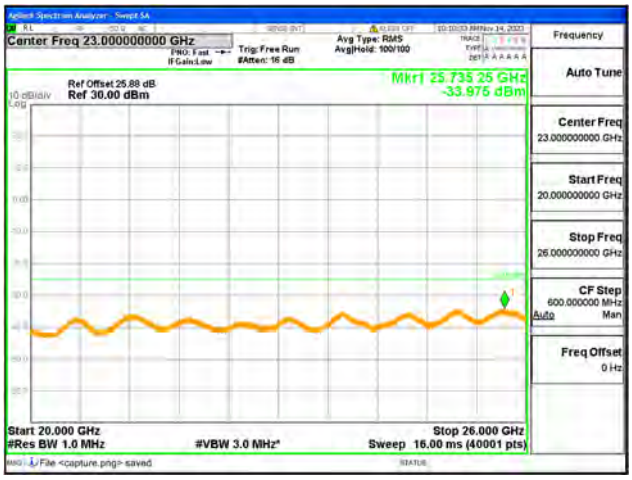
B7-30M-20G / 10MHz / Low CH / QPSK



B7-20G-26G / 10MHz / Low CH / QPSK

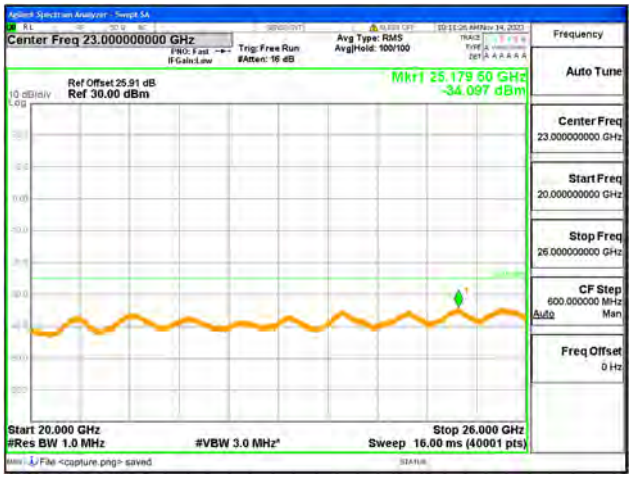


B7-30M-20G / 10MHz / Mid CH / QPSK

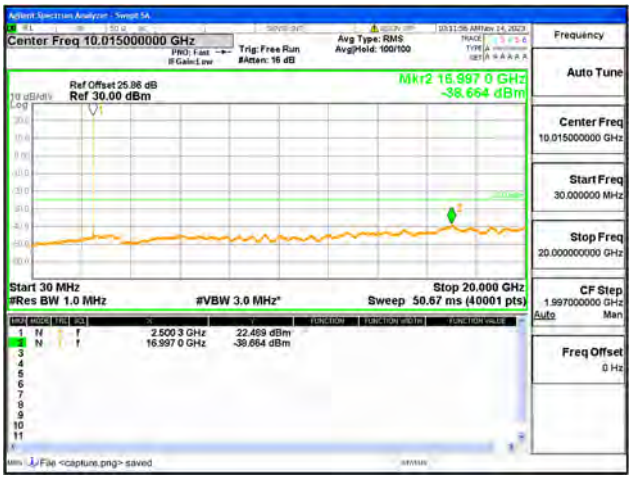


B7-20G-26G / 10MHz / Mid CH / QPSK

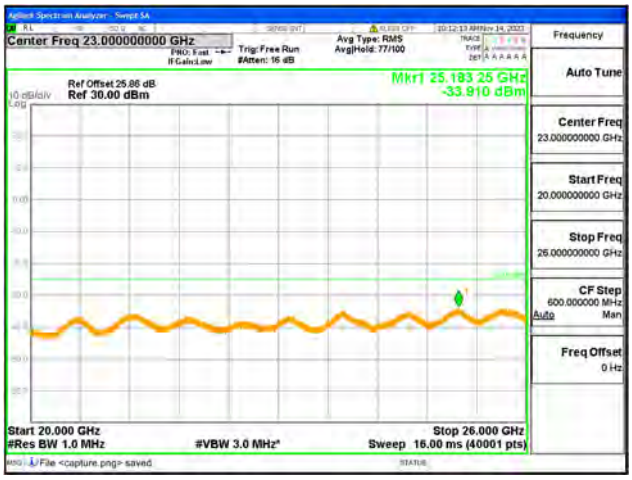
B7-30M-20G / 10MHz / High CH / QPSK



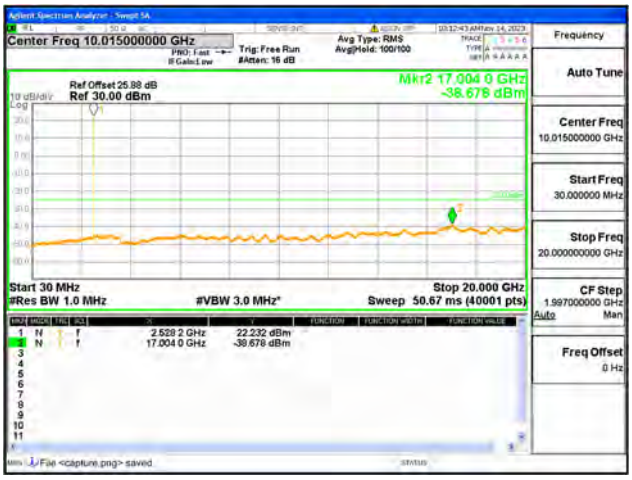
B7-20G-26G / 10MHz / High CH / QPSK



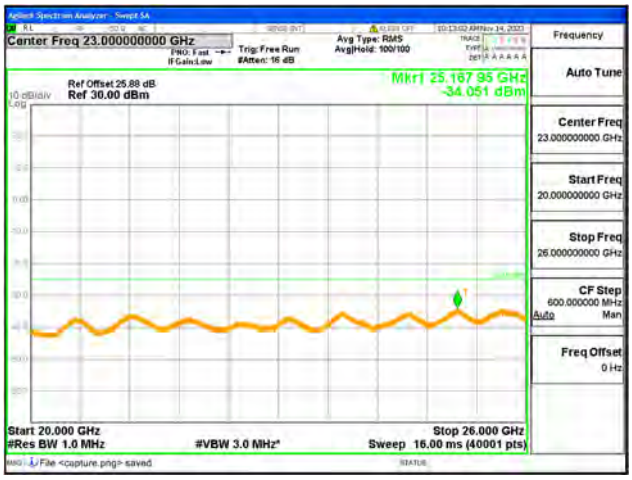
B7-30M-20G / 15MHz / Low CH / QPSK



B7-20G-26G / 15MHz / Low CH / QPSK

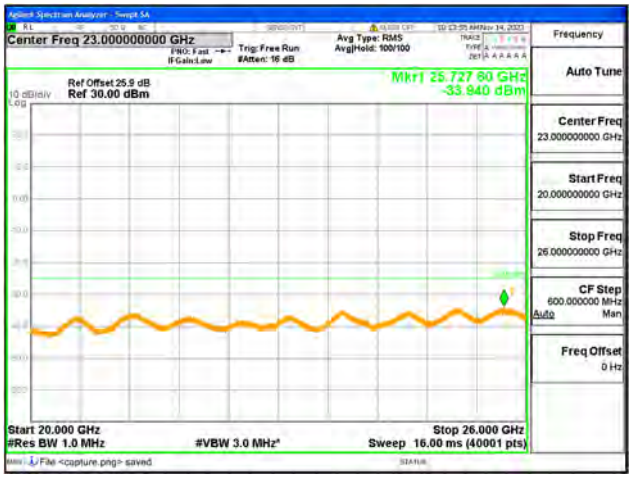


B7-30M-20G / 15MHz / Mid CH / QPSK

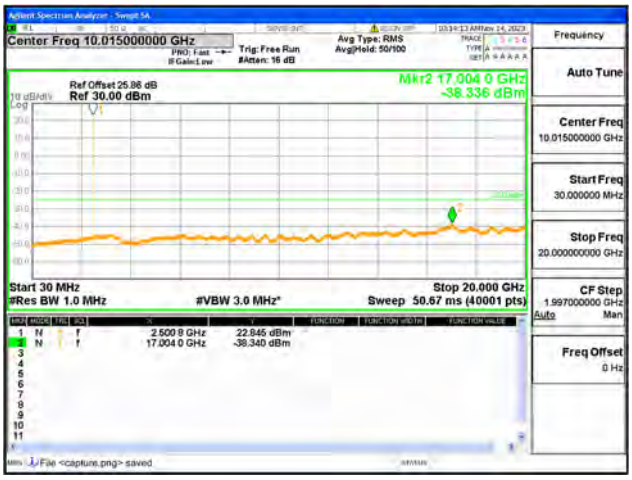


B7-20G-26G / 15MHz / Mid CH / QPSK

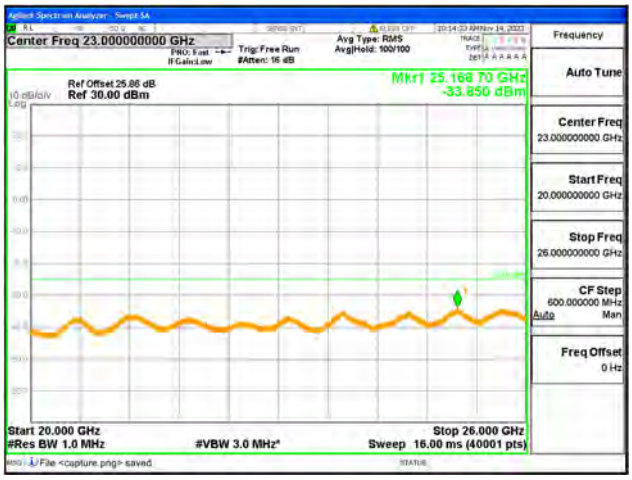
B7-30M-20G / 15MHz / High CH / QPSK



B7-20G-26G / 15MHz / High CH / QPSK



B7-30M-20G / 20MHz / Low CH / QPSK

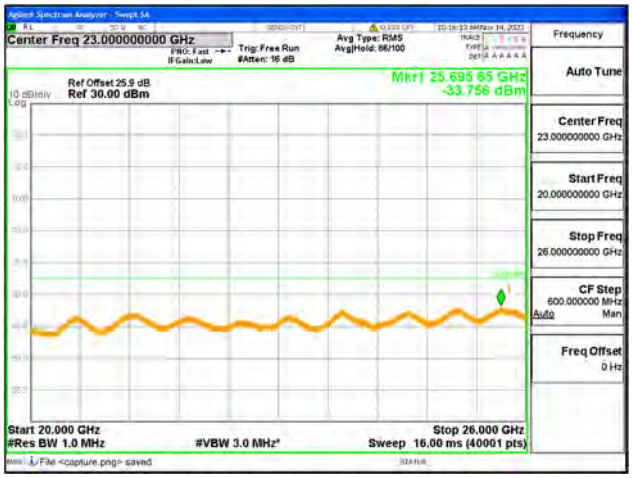


B7-20G-26G / 20MHz / Low CH / QPSK

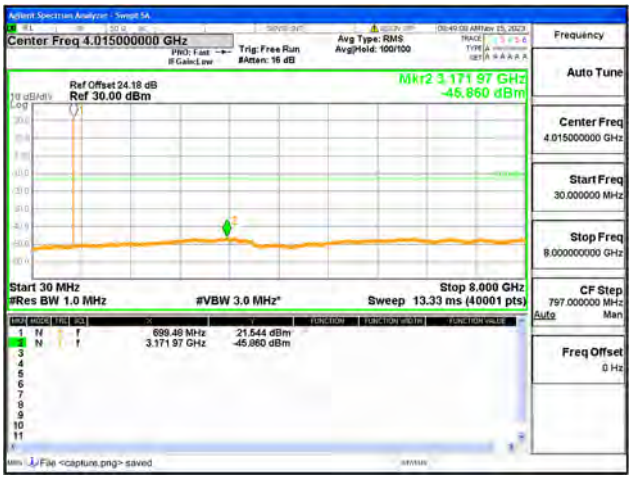
B7-30M-20G / 20MHz / Mid CH / QPSK

B7-20G-26G / 20MHz / Mid CH / QPSK

B7-30M-20G / 20MHz / High CH / QPSK

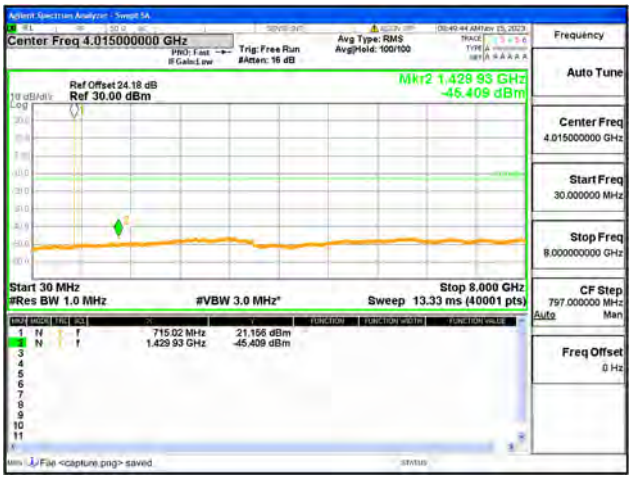


B7-20G-26G / 20MHz / High CH / QPSK



B12 / 1.4MHz / Low CH / QPSK

B12 / 1.4MHz / Mid CH / QPSK

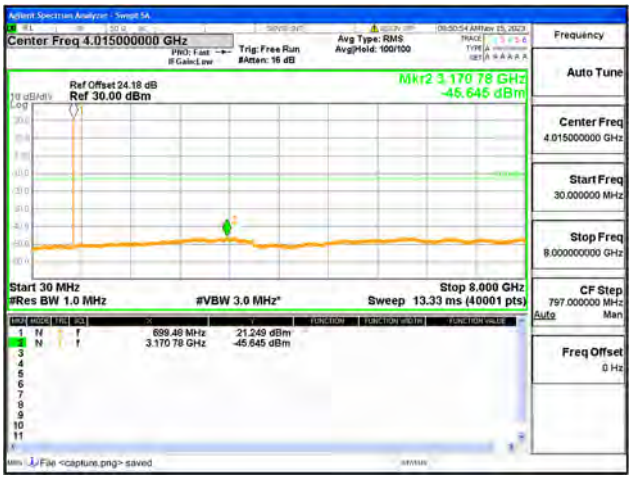


B12 / 1.4MHz / High CH / QPSK

B12 / 3MHz / Low CH / QPSK

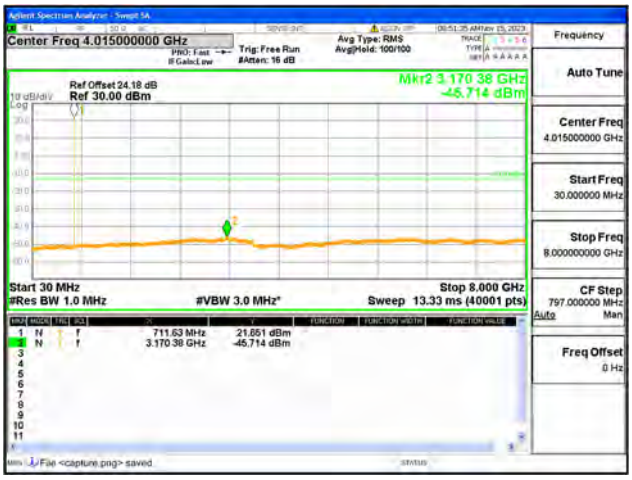
B12 / 3MHz / Mid CH / QPSK

B12 / 3MHz / High CH / QPSK

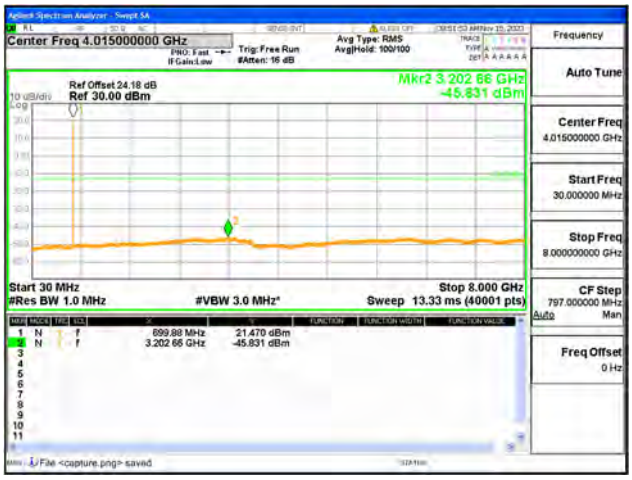


B12 / 5MHz / Low CH / QPSK

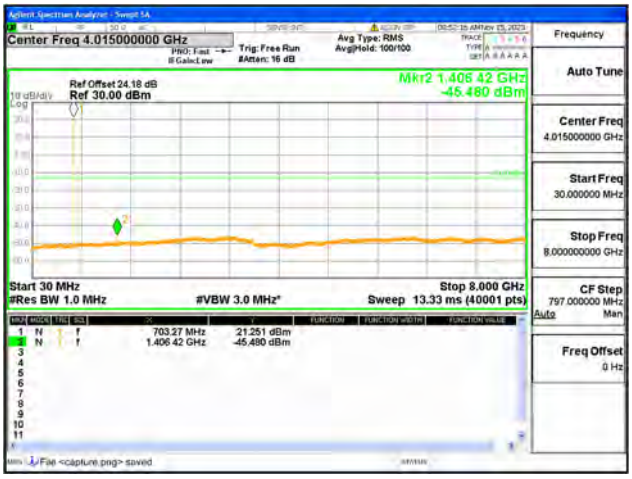
B12 / 5MHz / Mid CH / QPSK



B12 / 5MHz / High CH / QPSK

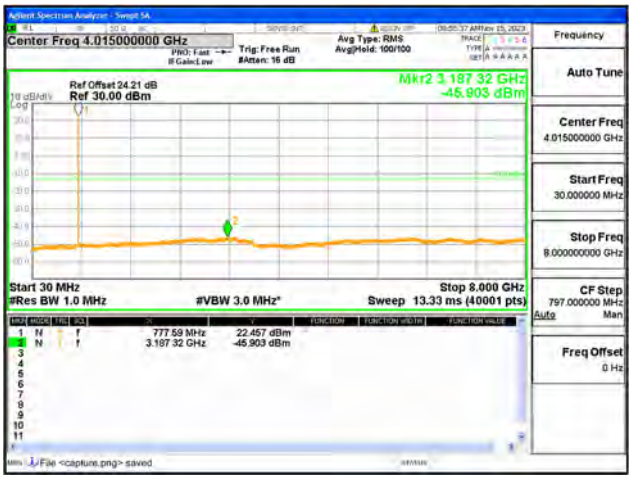


B12 / 10MHz / Low CH / QPSK

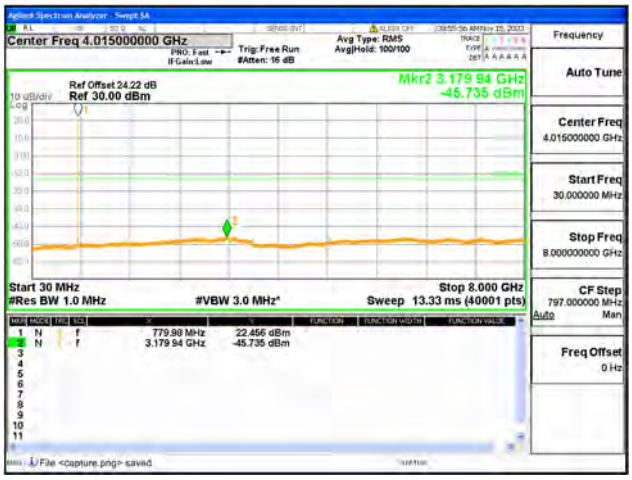


B12 / 10MHz / Mid CH / QPSK

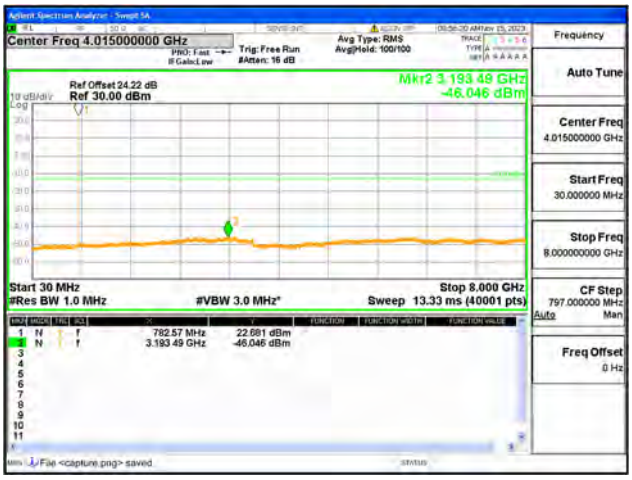
B12 / 10MHz / High CH / QPSK



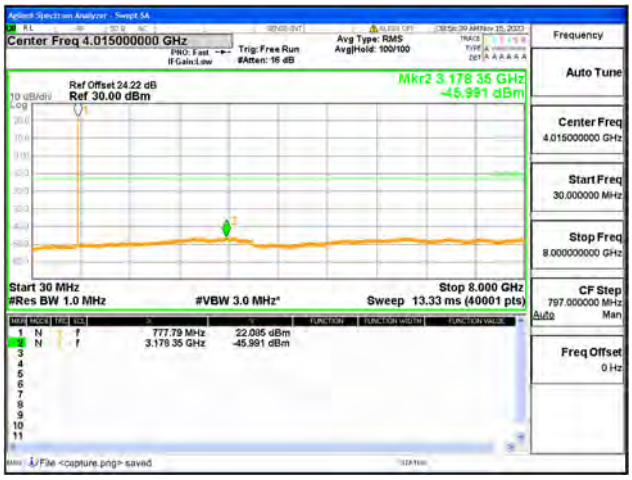
B13 / 5MHz / Low CH / QPSK



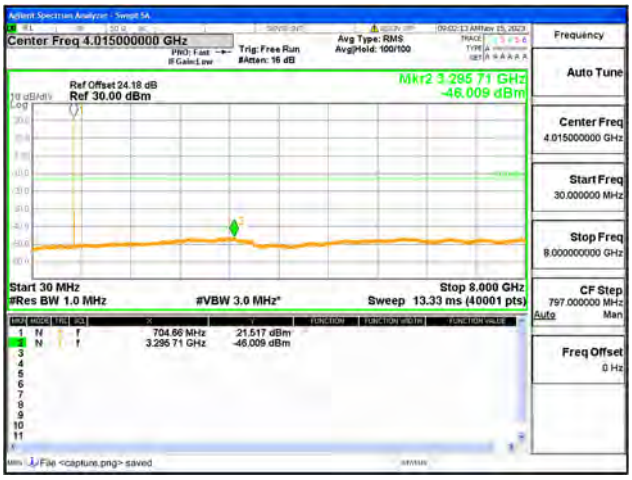
B13 / 5MHz / Mid CH / QPSK



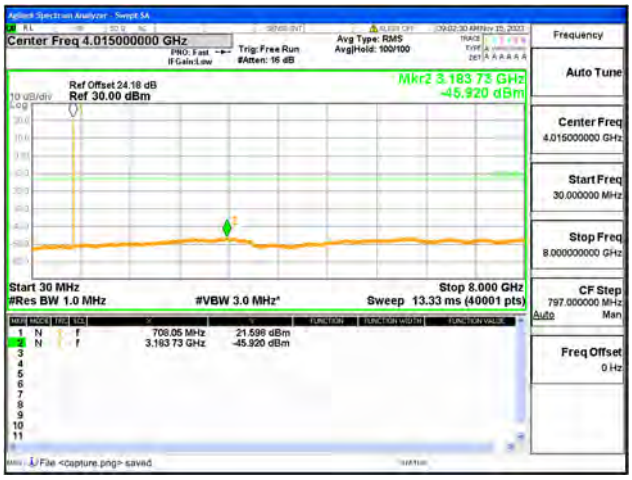
B13 / 5MHz / High CH / QPSK



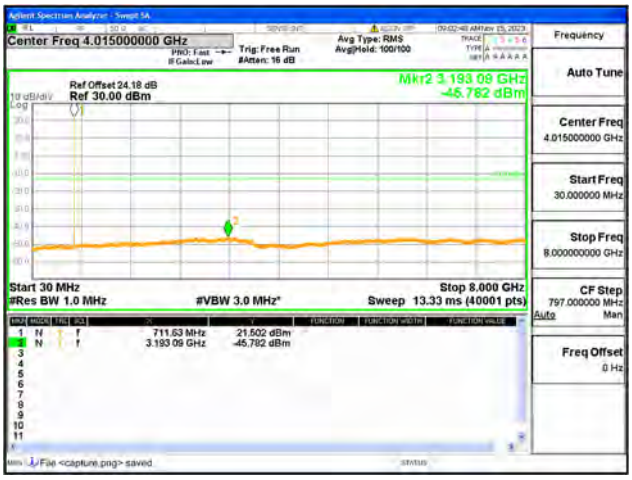
B13 / 10MHz / Mid CH / QPSK



B17 / 5MHz / Low CH / QPSK

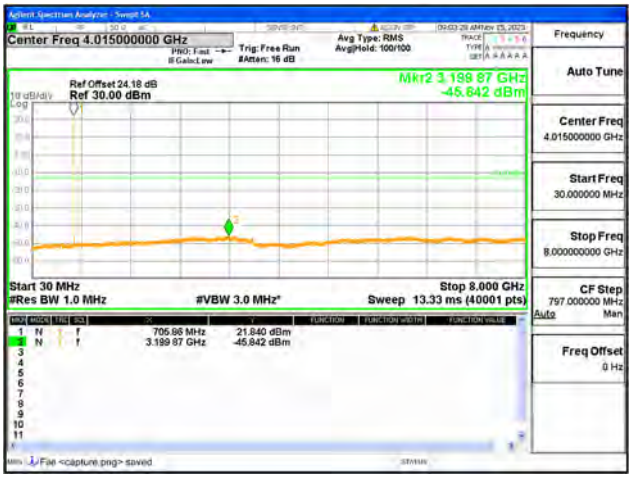


B17 / 5MHz / Mid CH / QPSK



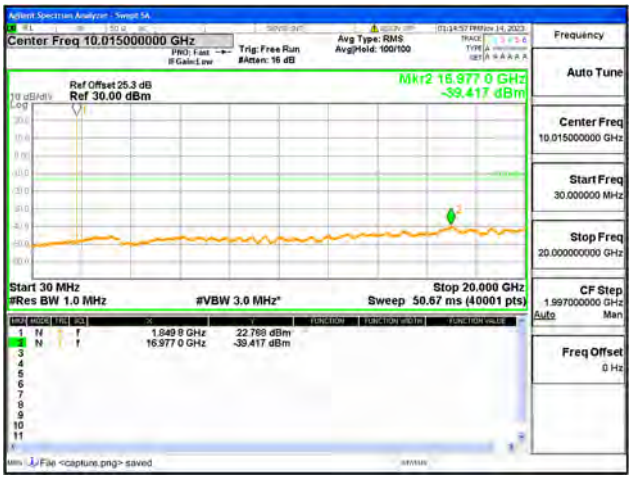
B17 / 5MHz / High CH / QPSK

B17 / 10MHz / Low CH / QPSK



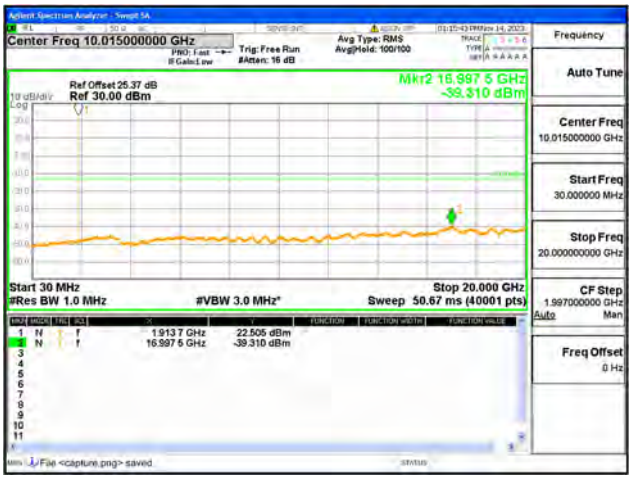
B17 / 10MHz / Mid CH / QPSK

B17 / 10MHz / High CH / QPSK



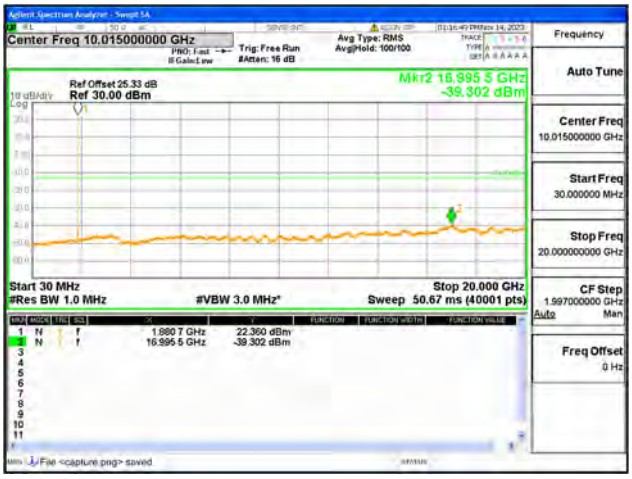
B25 / 1.4MHz / Low CH / QPSK

B25 / 1.4MHz / Mid CH / QPSK



B25 / 1.4MHz / High CH / QPSK

B25 / 3MHz / Low CH / QPSK



B25 / 3MHz / Mid CH / QPSK

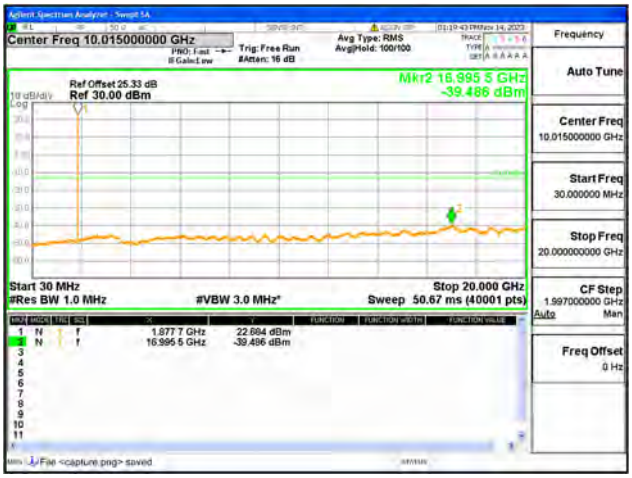
B25 / 3MHz / High CH / QPSK

B25 / 5MHz / Low CH / QPSK

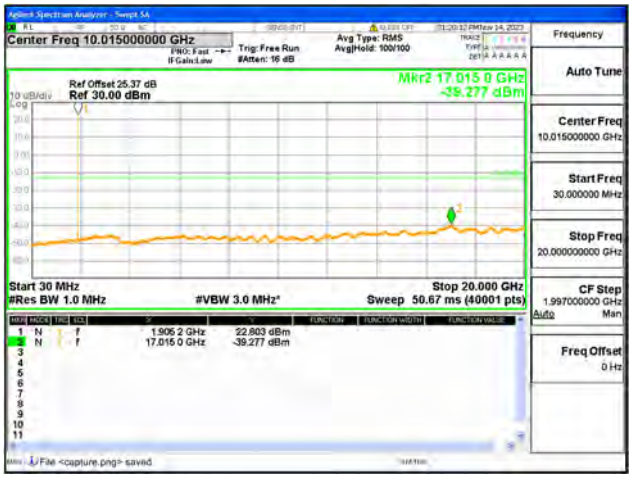
B25 / 5MHz / Mid CH / QPSK

B25 / 5MHz / High CH / QPSK

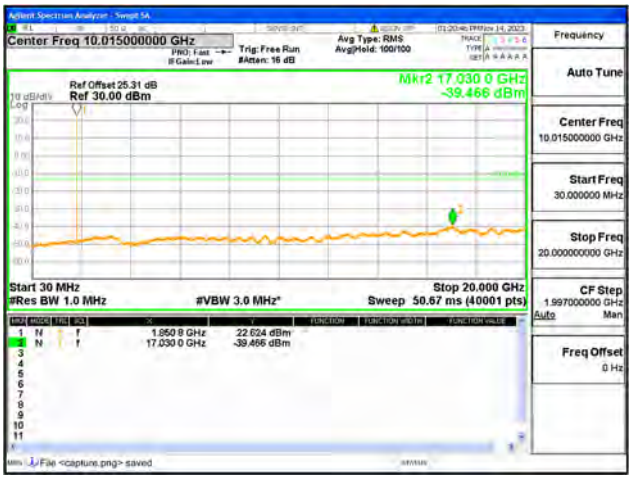
B25 / 10MHz / Low CH / QPSK



B25 / 10MHz / Mid CH / QPSK

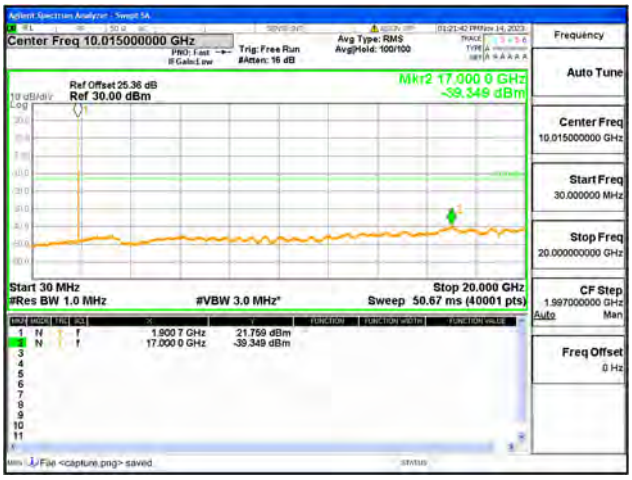


B25 / 10MHz / High CH / QPSK



B25 / 15MHz / Low CH / QPSK

B25 / 15MHz / Mid CH / QPSK

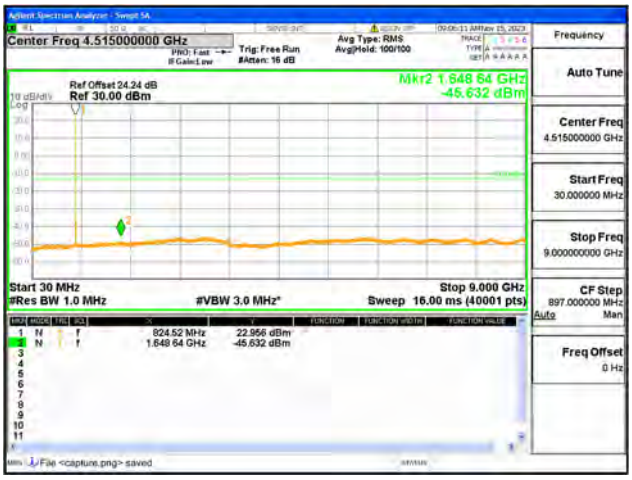


B25 / 15MHz / High CH / QPSK

B25 / 20MHz / Low CH / QPSK

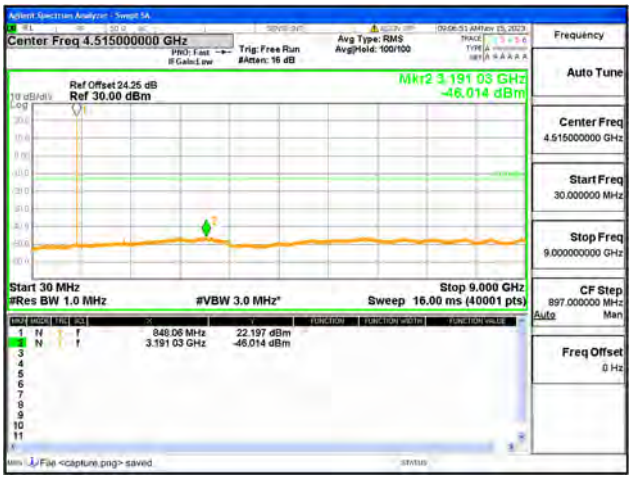
B25 / 20MHz / Mid CH / QPSK

B25 / 20MHz / High CH / QPSK

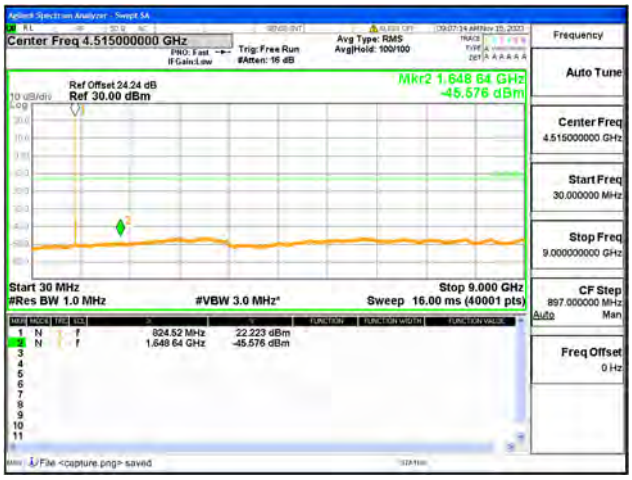


B26 Part22 / 1.4MHz / Low CH / QPSK

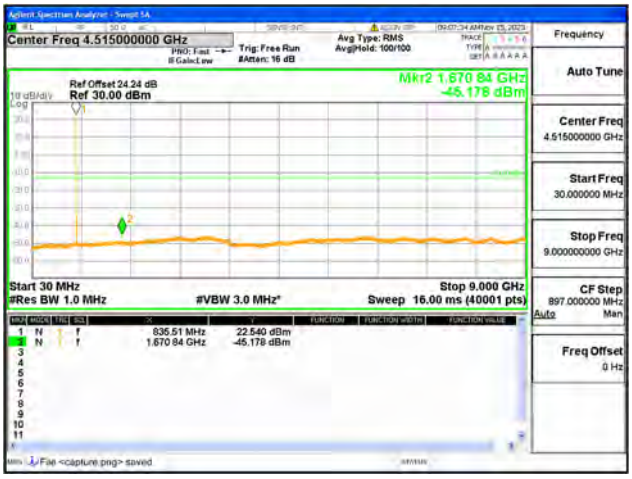
B26 Part22 / 1.4MHz / Mid CH / QPSK



B26 Part22 / 1.4MHz / High CH / QPSK

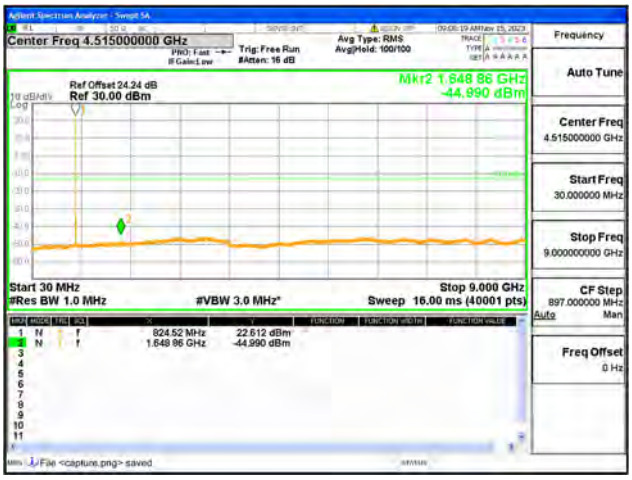


B26 Part22 / 3MHz / Low CH / QPSK



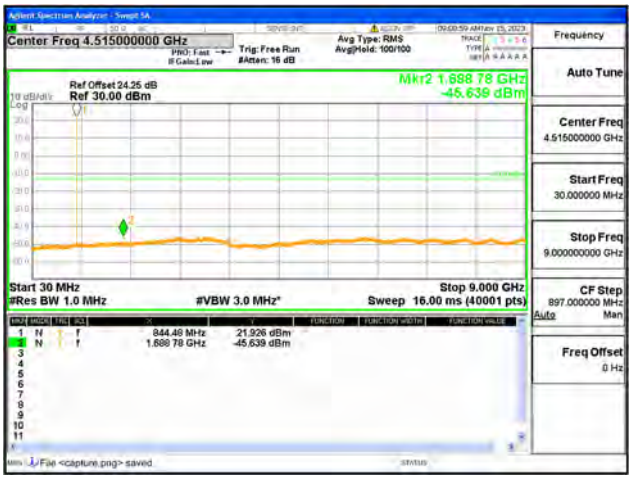
B26 Part22 / 3MHz / Mid CH / QPSK

B26 Part22 / 3MHz / High CH / QPSK



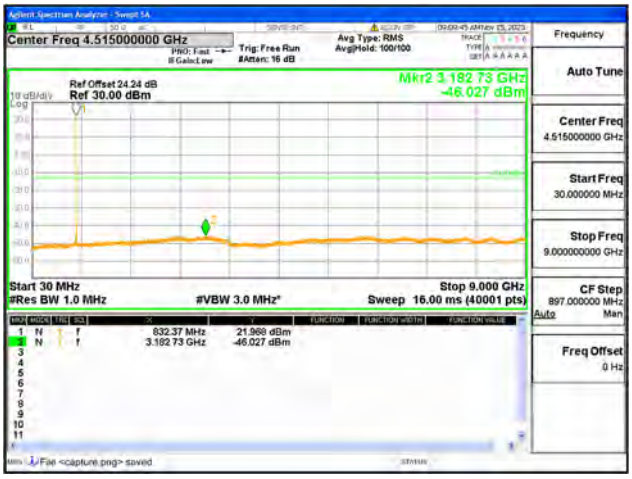
B26 Part22 / 5MHz / Low CH / QPSK

B26 Part22 / 5MHz / Mid CH / QPSK



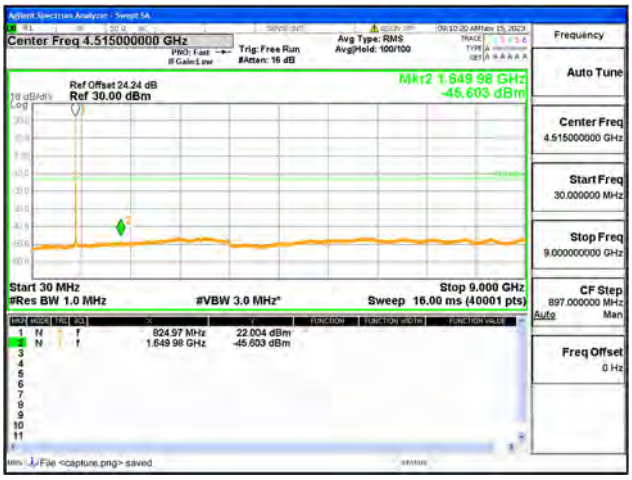
B26 Part22 / 5MHz / High CH / QPSK

B26 Part22 / 10MHz / Low CH / QPSK



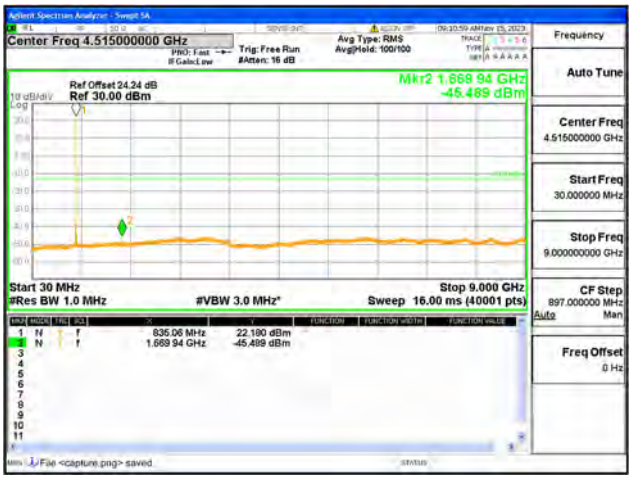
B26 Part22 / 10MHz / Mid CH / QPSK

B26 Part22 / 10MHz / High CH / QPSK

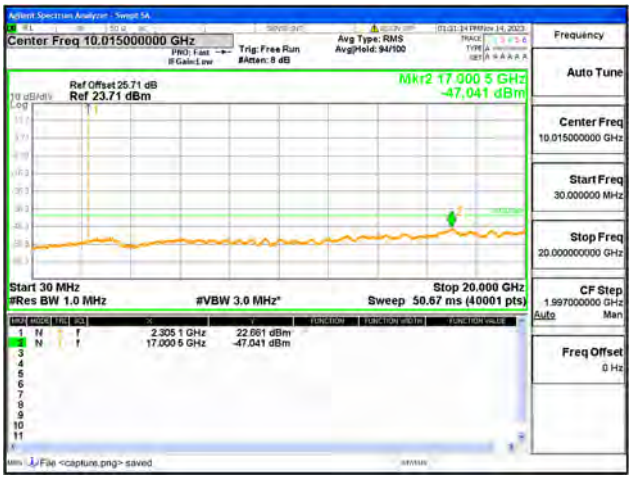


B26 Part22 / 15MHz / Low CH / QPSK

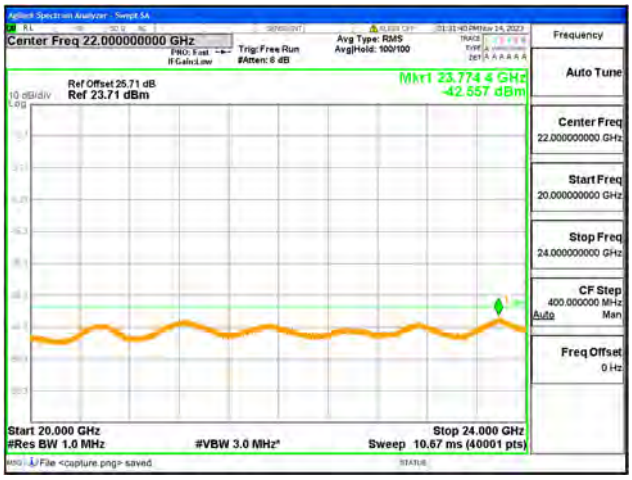
B26 Part22 / 15MHz / Mid CH / QPSK



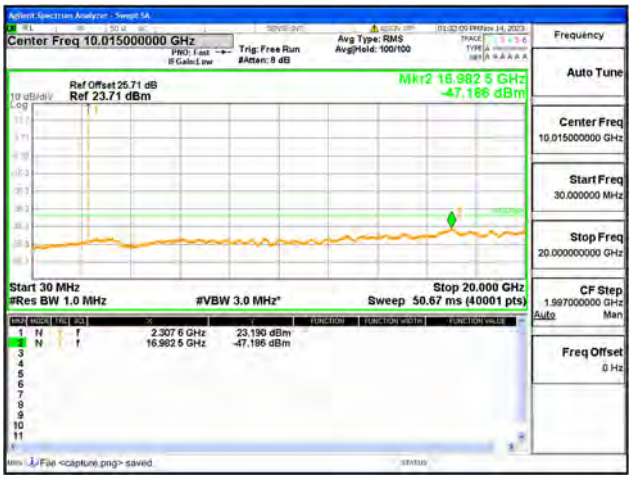
B26 Part22 / 15MHz / High CH / QPSK



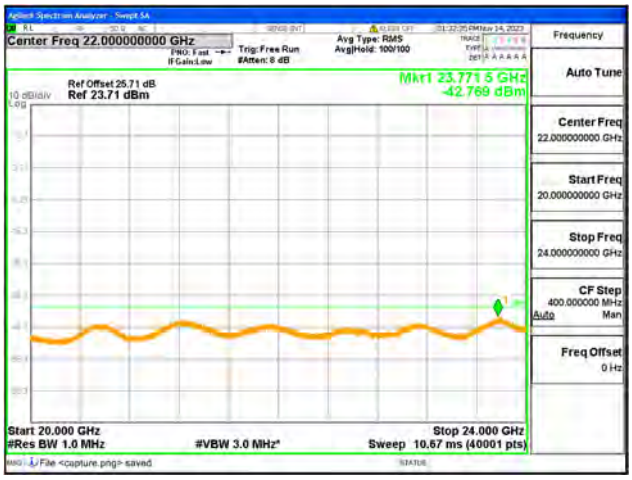
B30-30M-20G / 5MHz / Low CH / QPSK



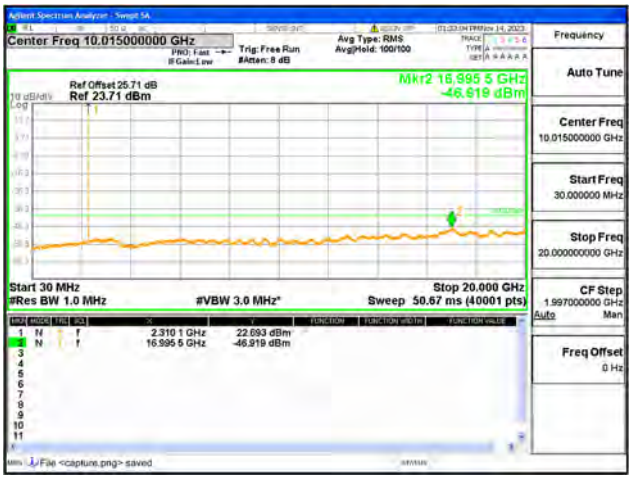
B30-20G-24G / 5MHz / Low CH / QPSK



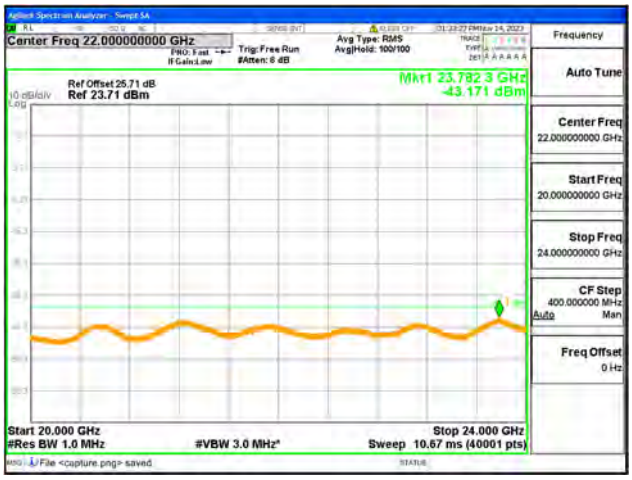
B30-30M-20G / 5MHz / Mid CH / QPSK



B30-20G-24G / 5MHz / Mid CH / QPSK

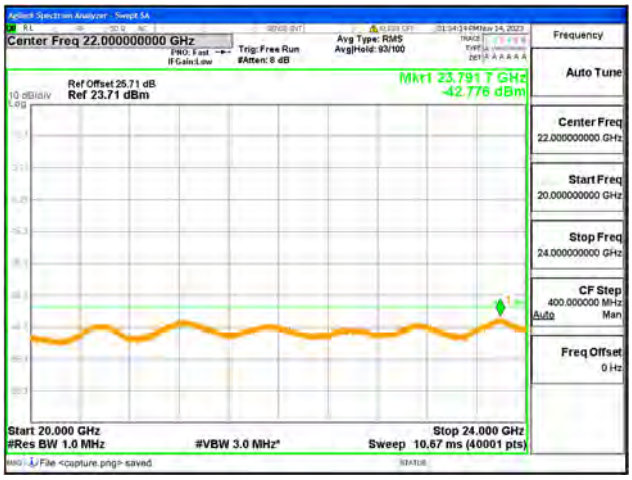


B30-30M-20G / 5MHz / High CH / QPSK

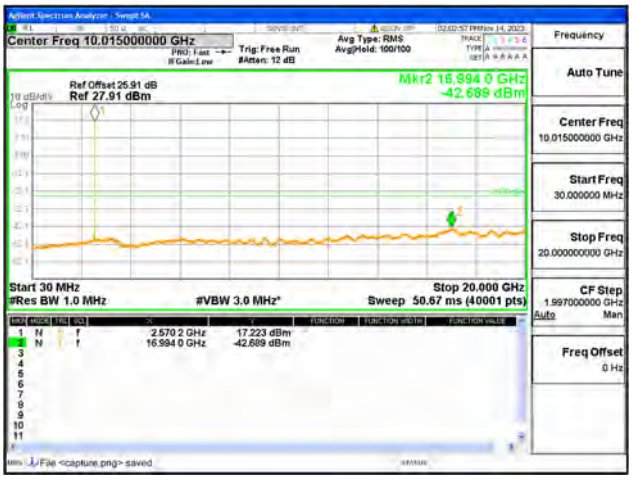


B30-20G-24G / 5MHz / High CH / QPSK

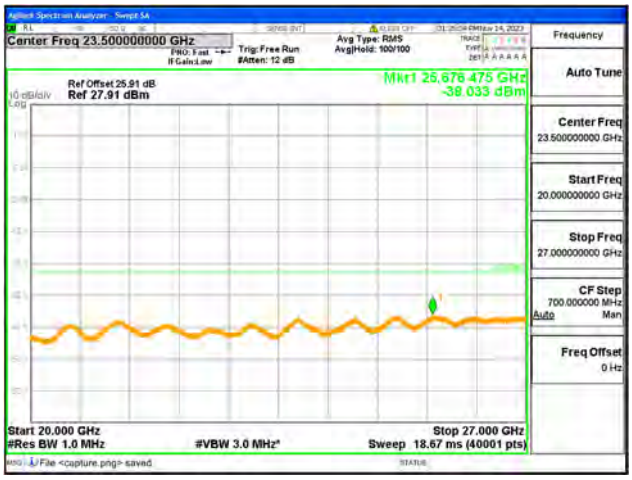
B30-30M-20G / 10MHz / Mid CH / QPSK



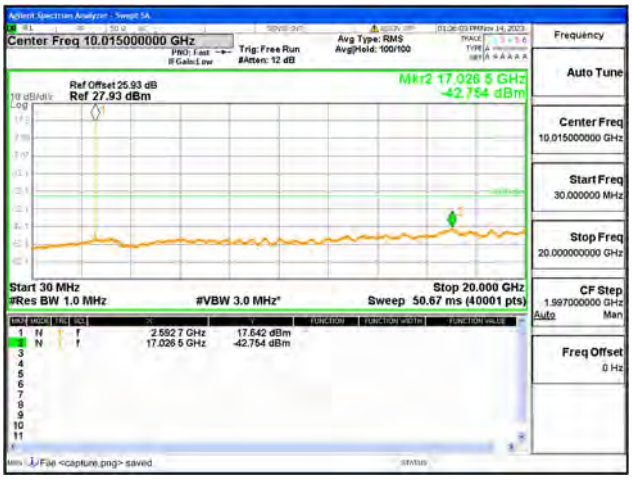
B30-20G-24G / 10MHz / Mid CH / QPSK



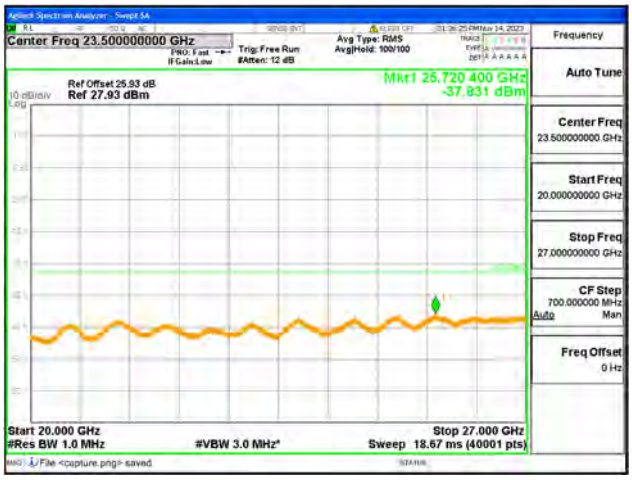
B38-30M-20G / 5MHz / Low CH / QPSK



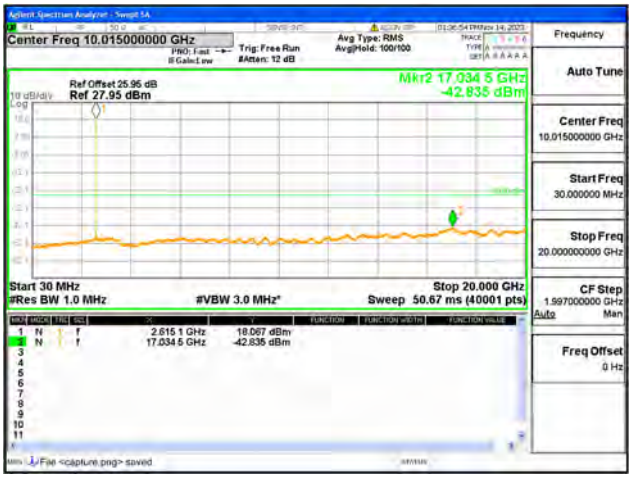
B38-20G-27G / 5MHz / Low CH / QPSK



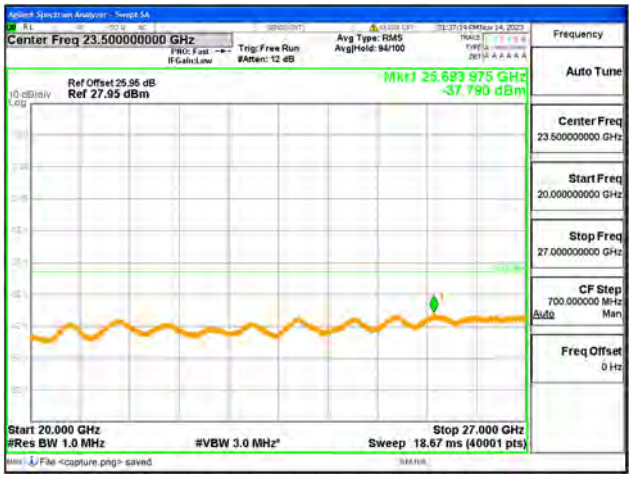
B38-30M-20G / 5MHz / Mid CH / QPSK



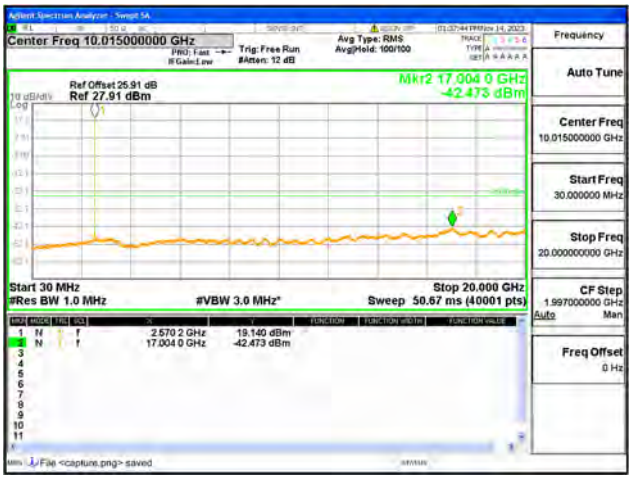
B38-20G-27G / 5MHz / Mid CH / QPSK



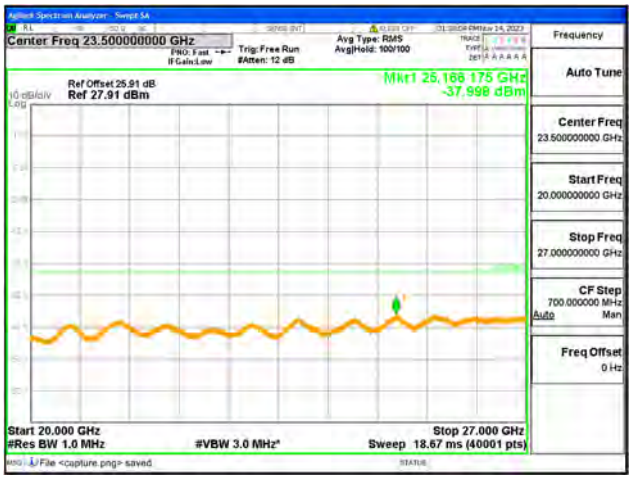
B38-30M-20G / 5MHz / High CH / QPSK



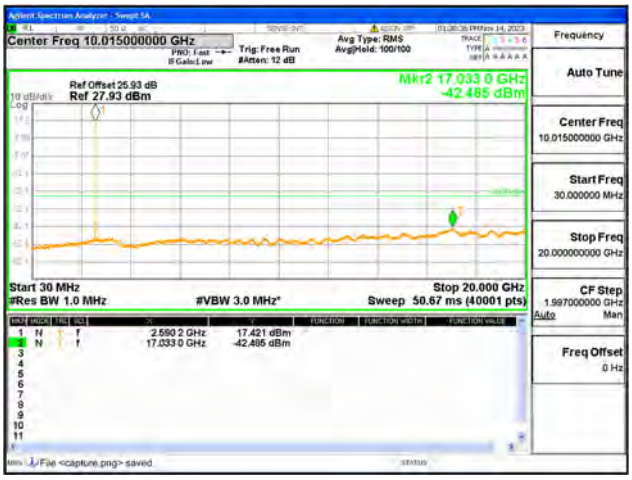
B38-20G-27G / 5MHz / High CH / QPSK



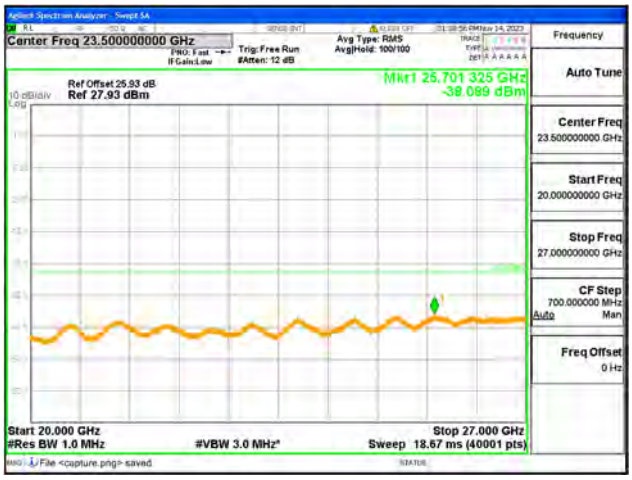
B38-30M-20G / 10MHz / Low CH / QPSK



B38-20G-27G / 10MHz / Low CH / QPSK



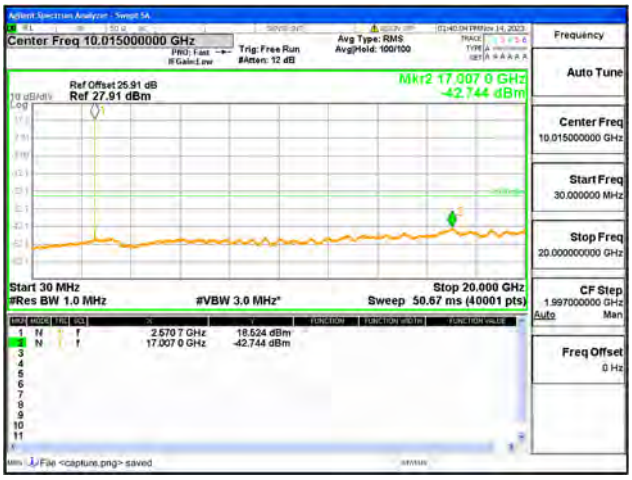
B38-30M-20G / 10MHz / Mid CH / QPSK



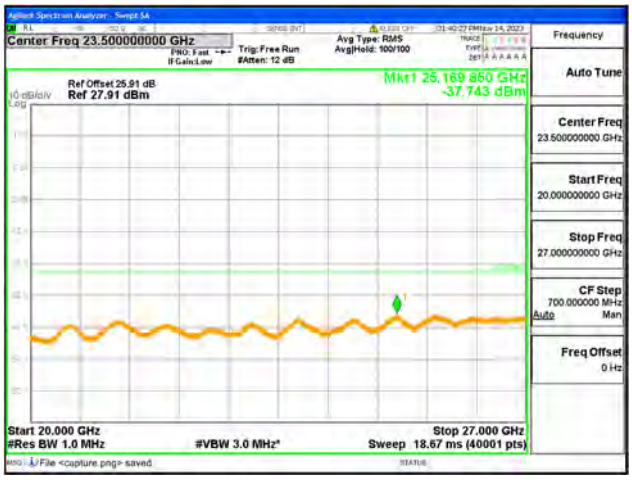
B38-20G-27G / 10MHz / Mid CH / QPSK

B38-30M-20G / 10MHz / High CH / QPSK

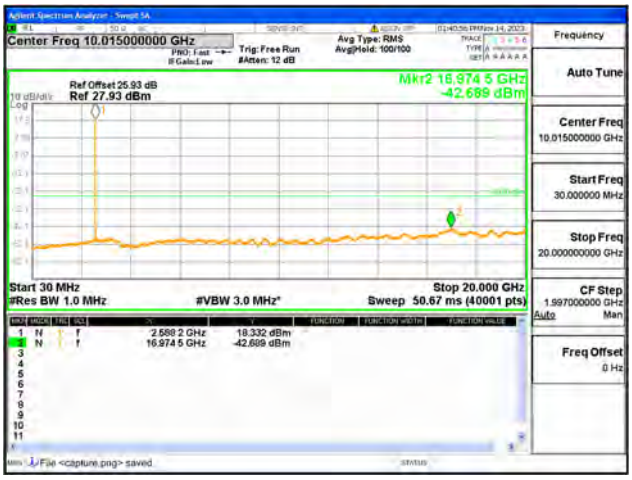
B38-20G-27G / 10MHz / High CH / QPSK



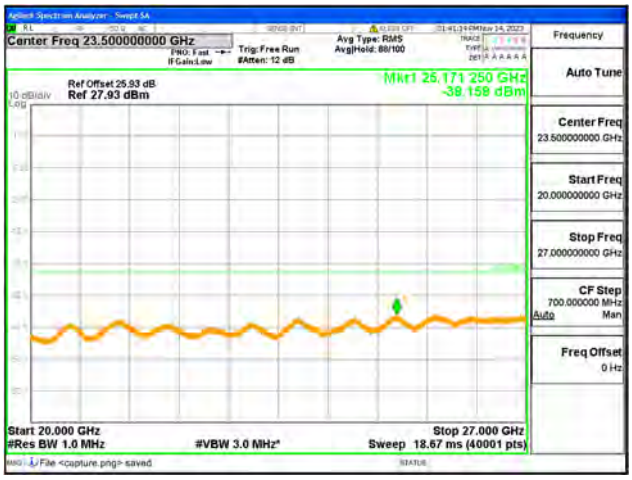
B38-30M-20G / 15MHz / Low CH / QPSK



B38-20G-27G / 15MHz / Low CH / QPSK

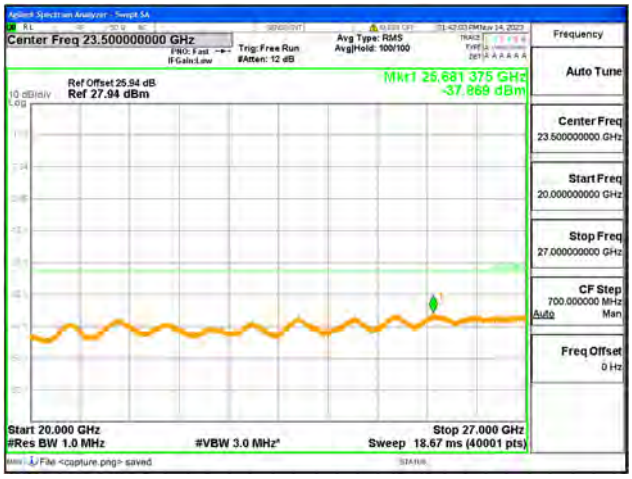


B38-30M-20G / 15MHz / Mid CH / QPSK

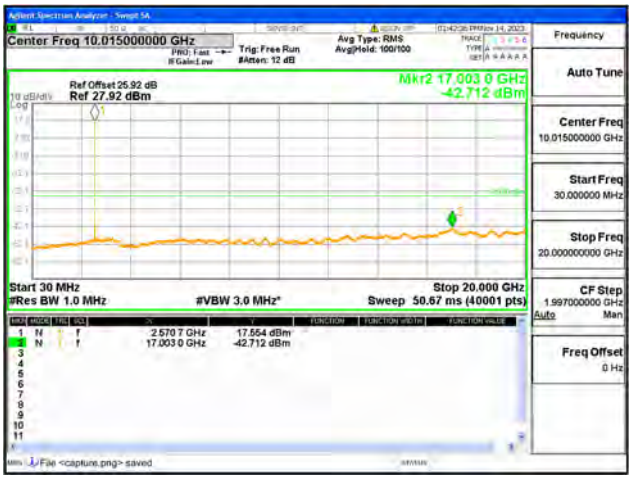


B38-20G-27G / 15MHz / Mid CH / QPSK

B38-30M-20G / 15MHz / High CH / QPSK

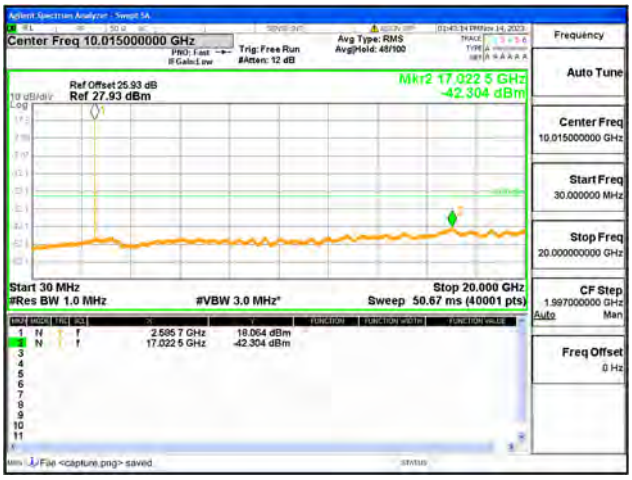


B38-20G-27G / 15MHz / High CH / QPSK

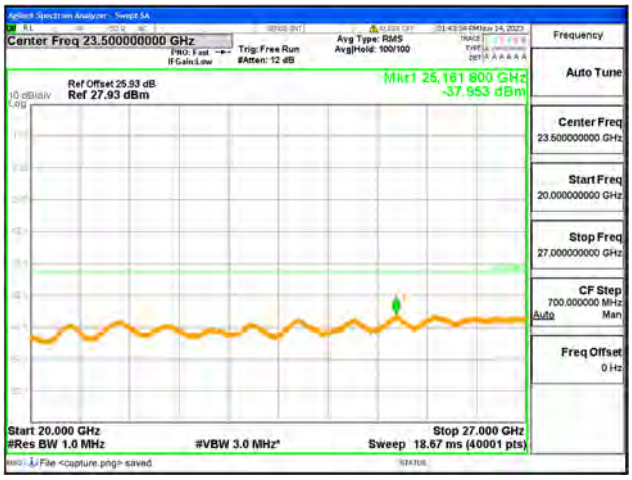


B38-30M-20G / 20MHz / Low CH / QPSK

B38-20G-27G / 20MHz / Low CH / QPSK

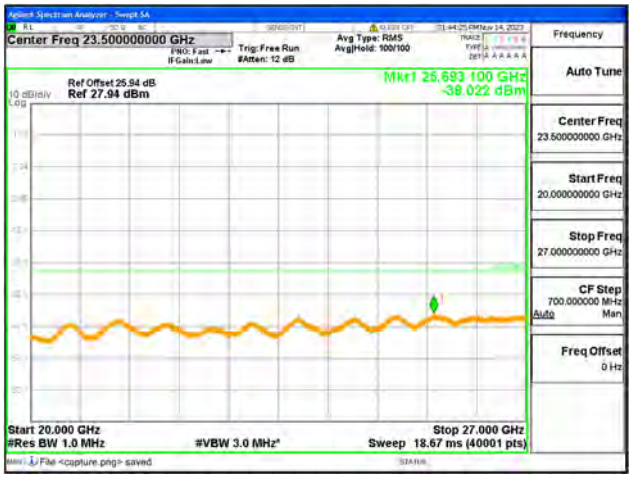


B38-30M-20G / 20MHz / Mid CH / QPSK

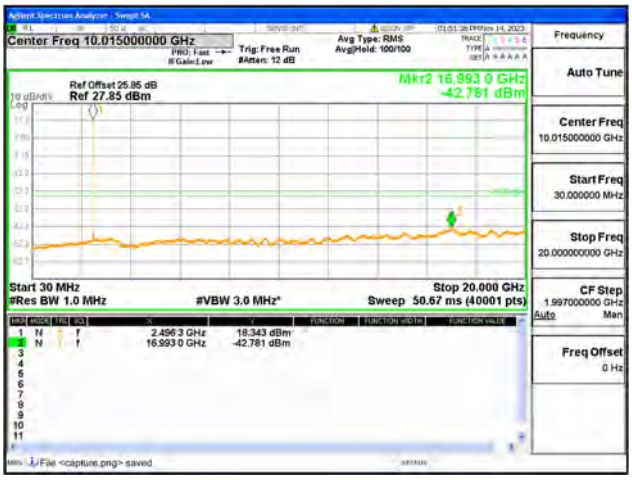


B38-20G-27G / 20MHz / Mid CH / QPSK

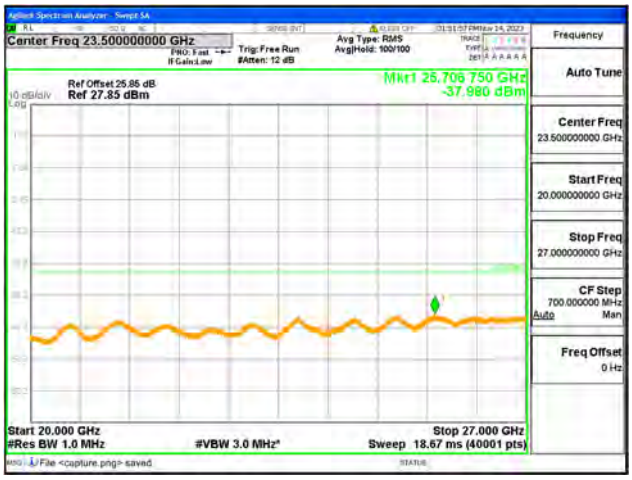
B38-30M-20G / 20MHz / High CH / QPSK



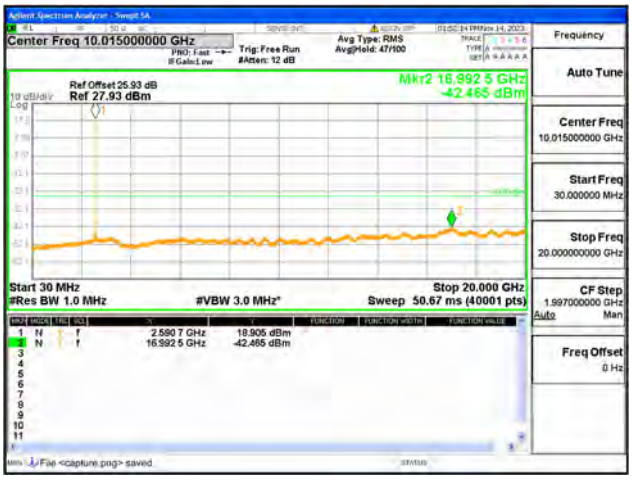
B38-20G-27G / 20MHz / High CH / QPSK



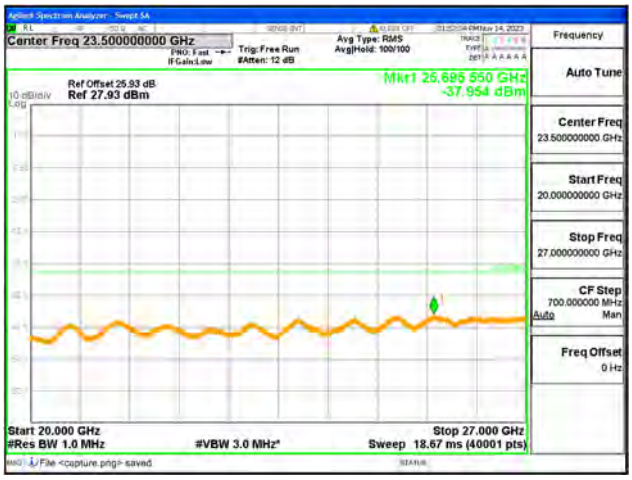
B41-30M-20G / 5MHz / Low CH / QPSK



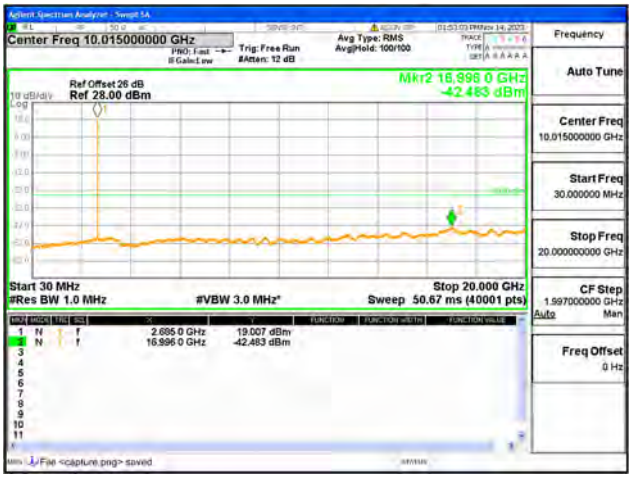
B41-20G-27G / 5MHz / Low CH / QPSK



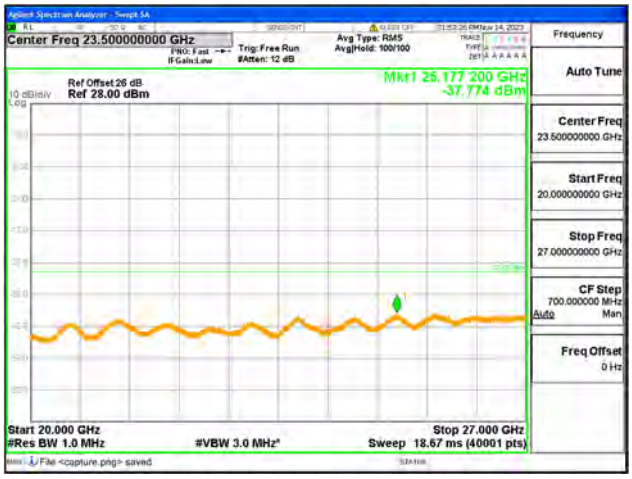
B41-30M-20G / 5MHz / Mid CH / QPSK



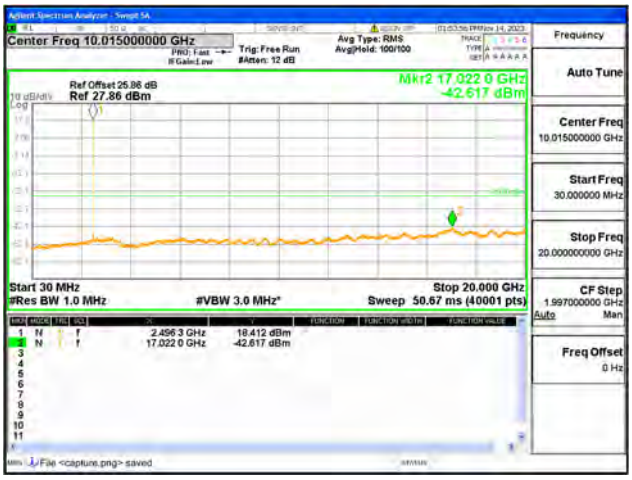
B41-20G-27G / 5MHz / Mid CH / QPSK



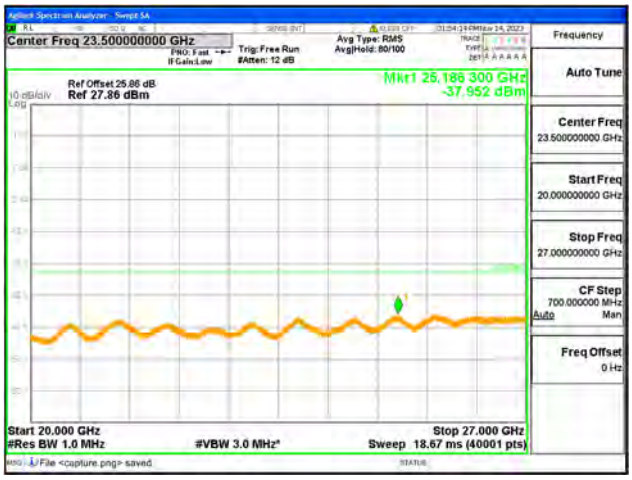
B41-30M-20G / 5MHz / High CH / QPSK



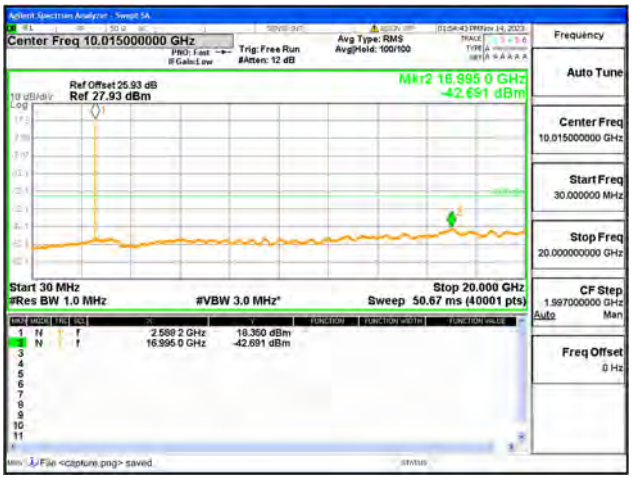
B41-20G-27G / 5MHz / High CH / QPSK



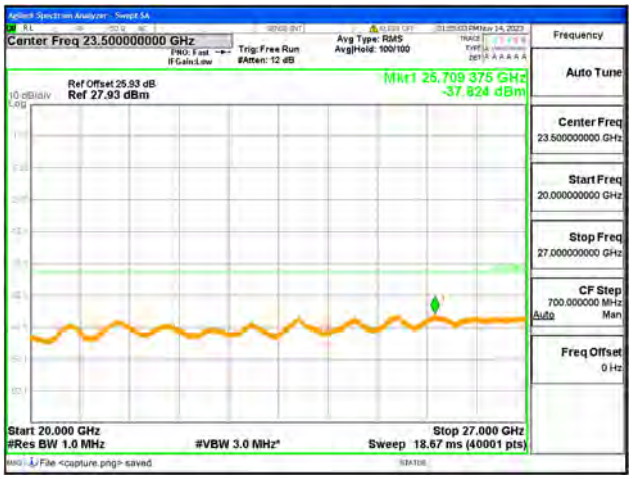
B41-30M-20G / 10MHz / Low CH / QPSK



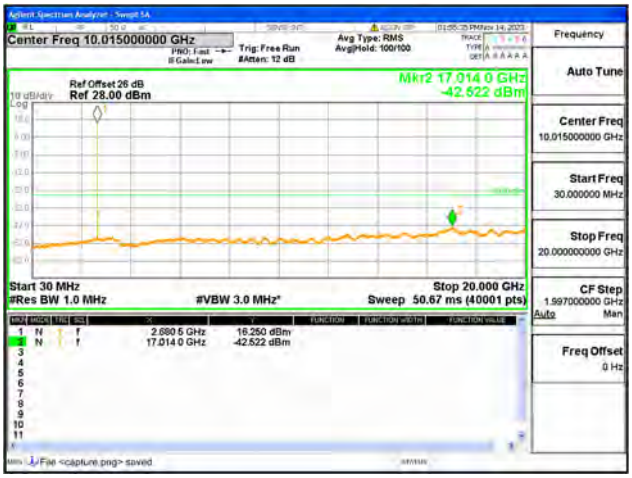
B41-20G-27G / 10MHz / Low CH / QPSK



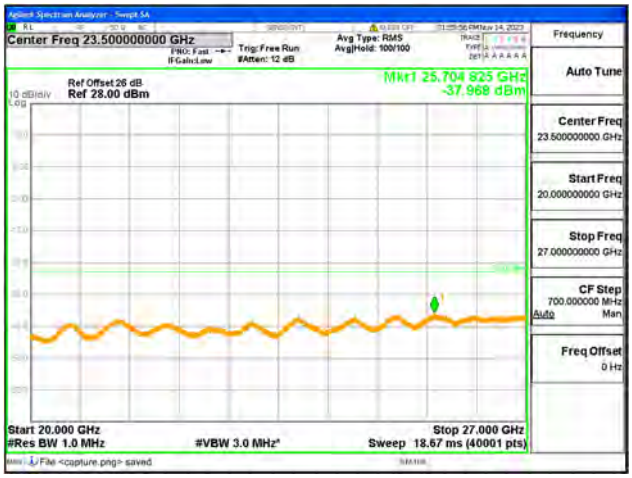
B41-30M-20G / 10MHz / Mid CH / QPSK



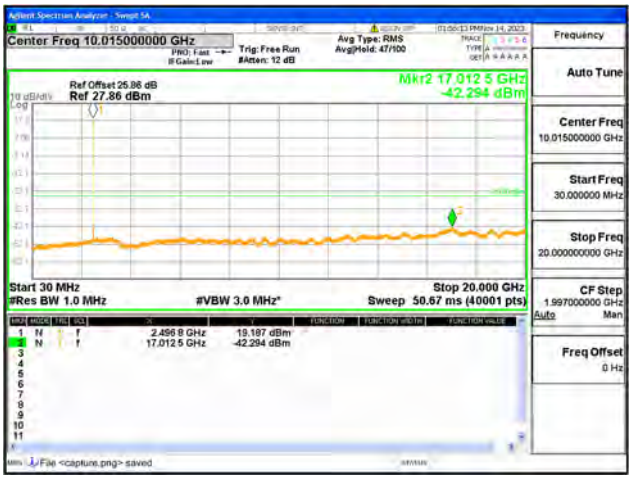
B41-20G-27G / 10MHz / Mid CH / QPSK



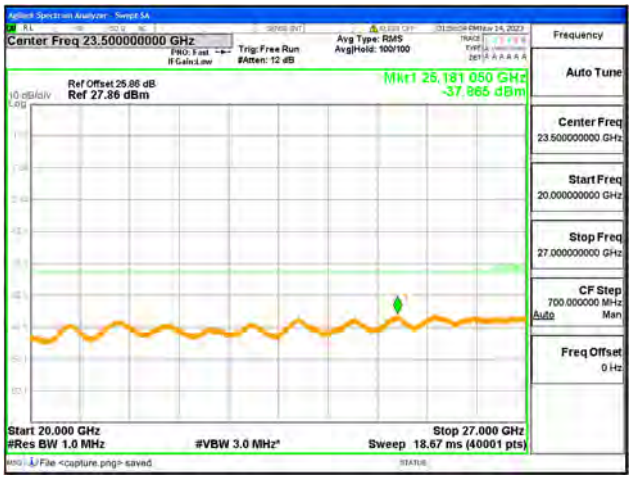
B41-30M-20G / 10MHz / High CH / QPSK



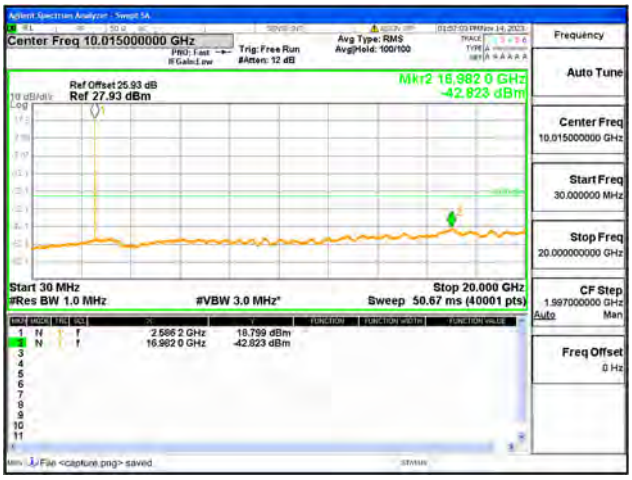
B41-20G-27G / 10MHz / High CH / QPSK



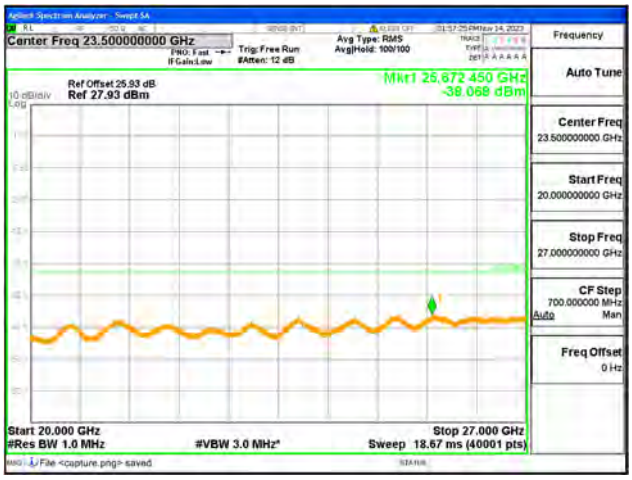
B41-30M-20G / 15MHz / Low CH / QPSK



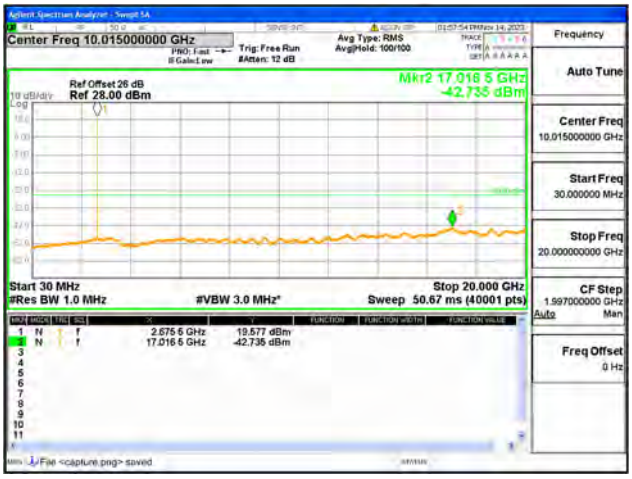
B41-20G-27G / 15MHz / Low CH / QPSK



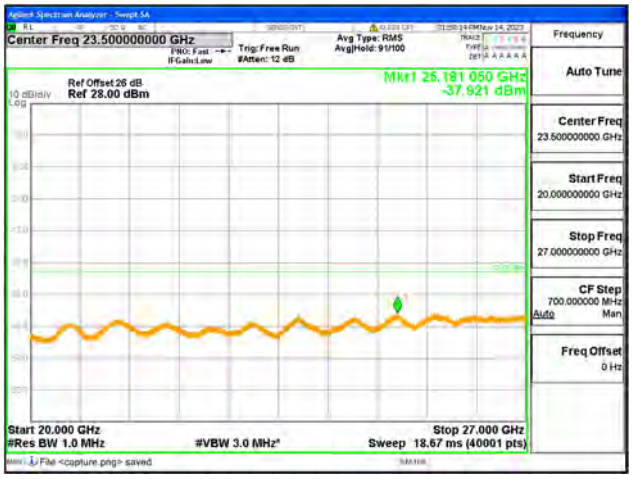
B41-30M-20G / 15MHz / Mid CH / QPSK



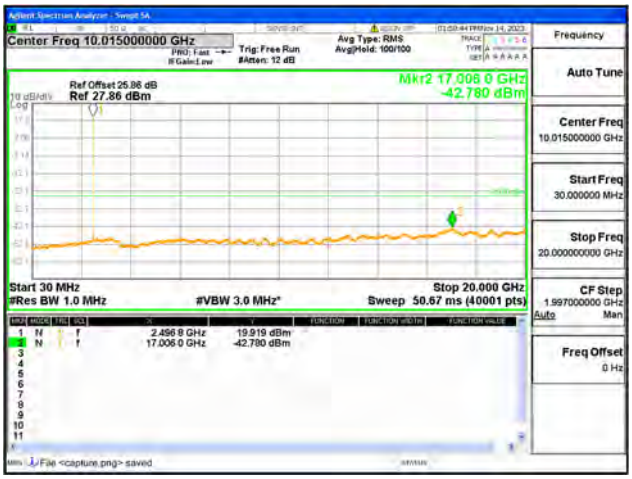
B41-20G-27G / 15MHz / Mid CH / QPSK



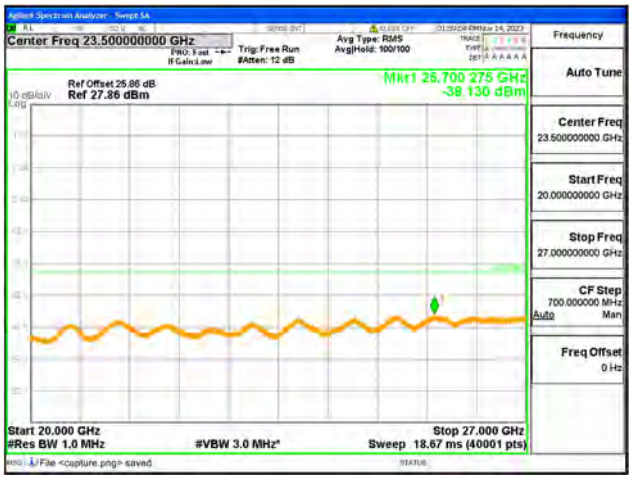
B41-30M-20G / 15MHz / High CH / QPSK



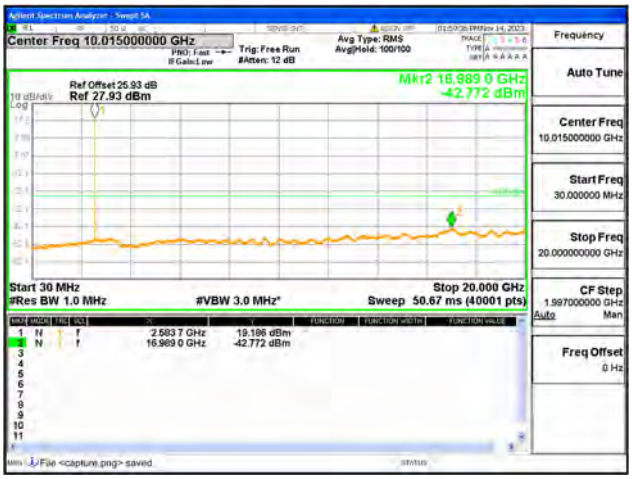
B41-20G-27G / 15MHz / High CH / QPSK



B41-30M-20G / 20MHz / Low CH / QPSK

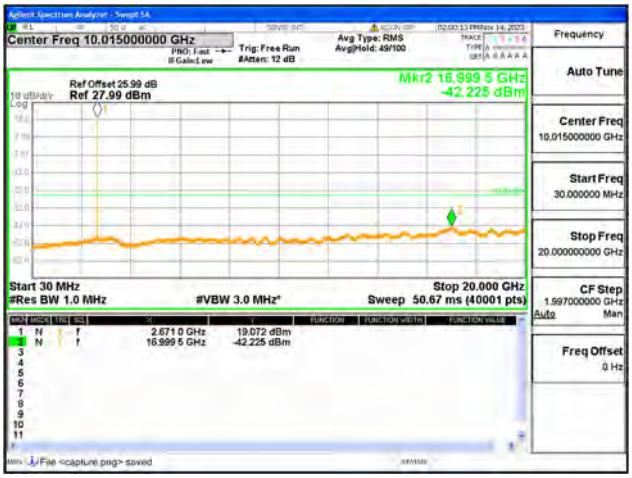


B41-20G-27G / 20MHz / Low CH / QPSK

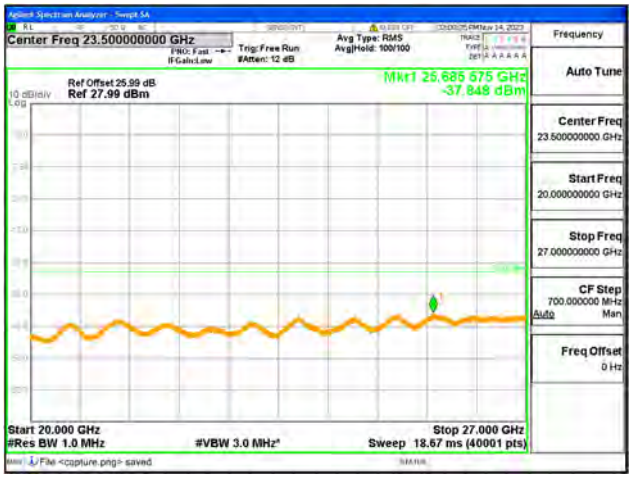


B41-30M-20G / 20MHz / Mid CH / QPSK

B41-20G-27G / 20MHz / Mid CH / QPSK

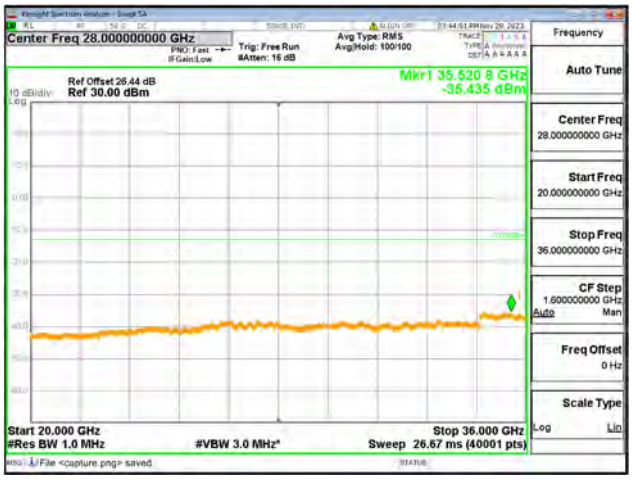


B41-30M-20G / 20MHz / High CH / QPSK

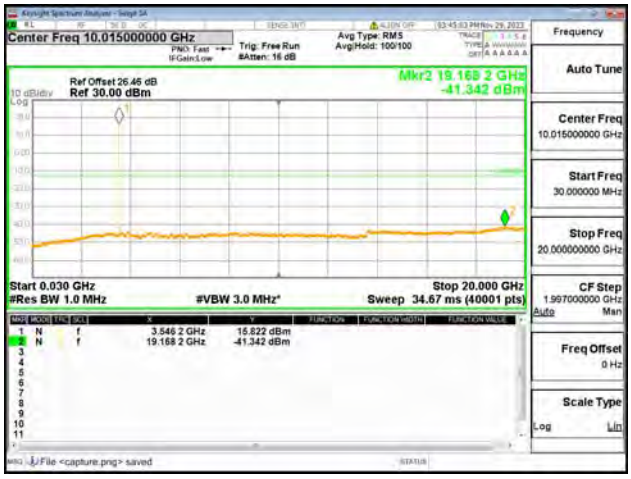


B41-20G-27G / 20MHz / High CH / QPSK

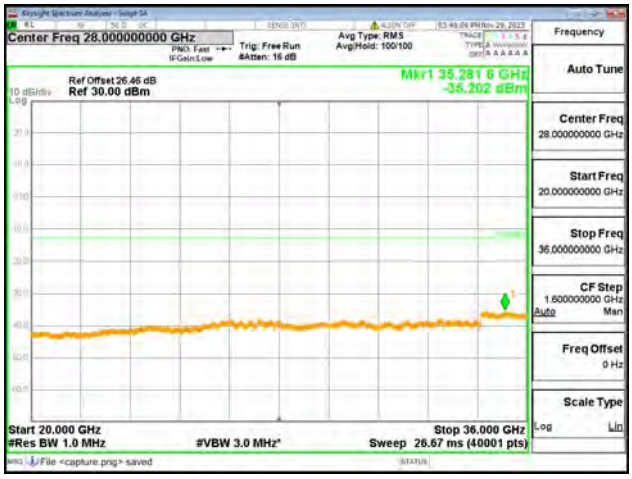
B42(3450-3550)-30M-20G / 5MHz / Mid CH / QPSK



B42(3450-3550)-20G-36G / 5MHz / Mid CH / QPSK

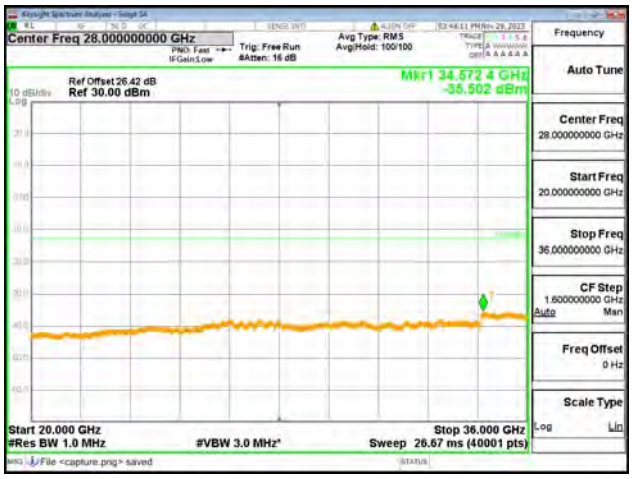


B42(3450-3550)-30M-20G / 5MHz / High CH / QPSK

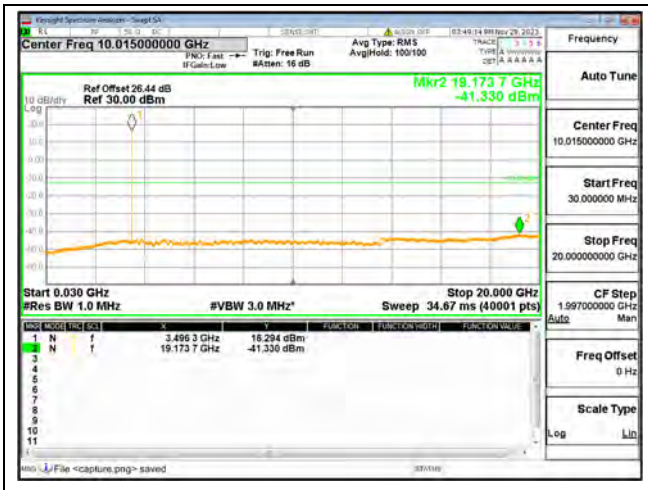


B42(3450-3550)-20G-36G / 5MHz / High CH / QPSK

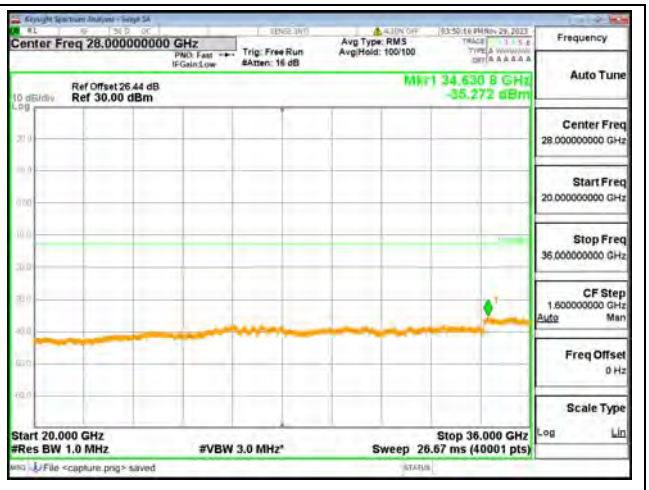
B42(3450-3550)-30M-20G / 5MHz / Low CH / QPSK



B42(3450-3550)-20G-36G / 5MHz / Low CH / QPSK

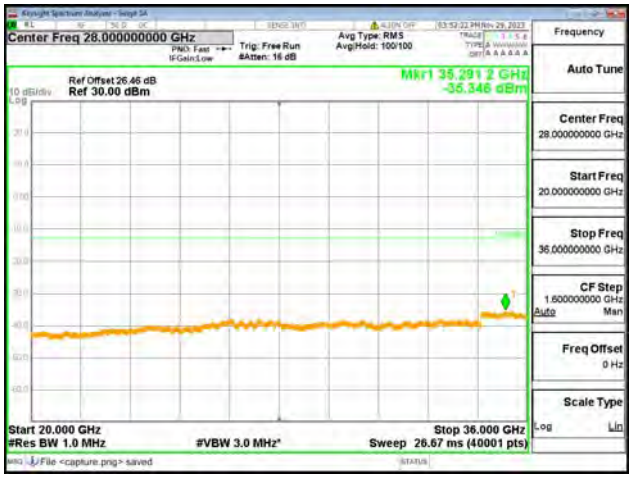


B42(3450-3550)-30M-20G / 10MHz / Mid CH / QPSK



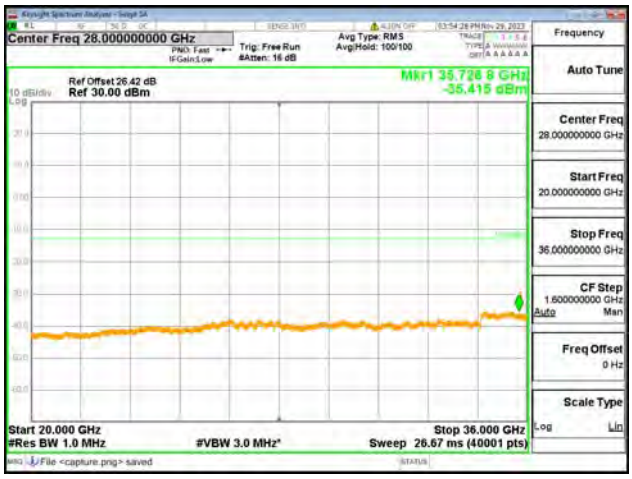
B42(3450-3550)-20G-36G / 10MHz / Mid CH / QPSK

B42(3450-3550)-30M-20G / 10MHz / High CH / QPSK



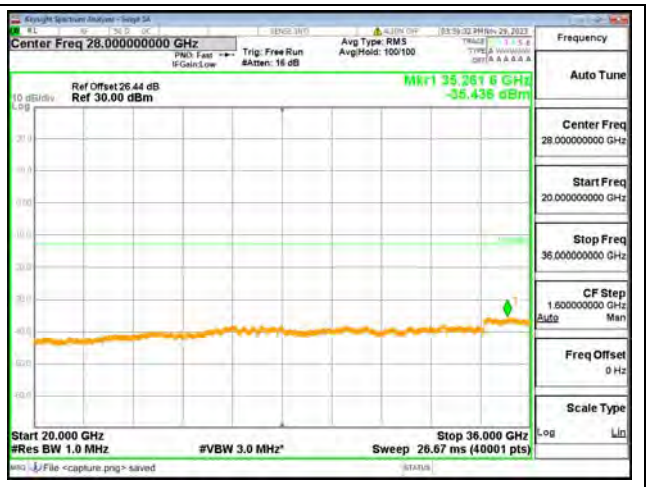
B42(3450-3550)-20G-36G / 10MHz / High CH / QPSK

B42(3450-3550)-30M-20G / 10MHz / Low CH / QPSK



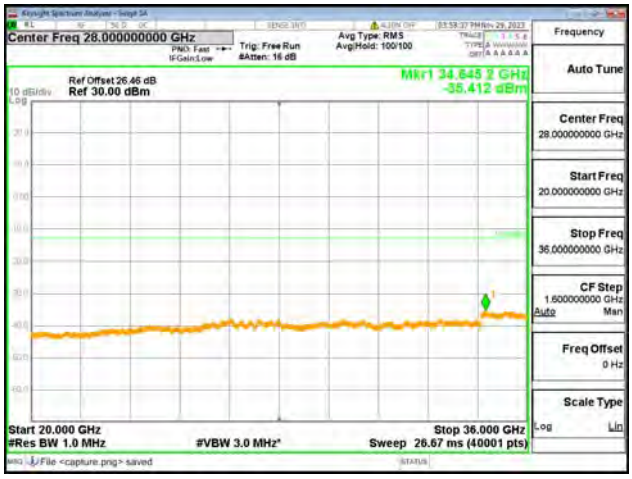
B42(3450-3550)-20G-36G / 10MHz / Low CH / QPSK

B42(3450-3550)-30M-20G / 15MHz / Mid CH / QPSK



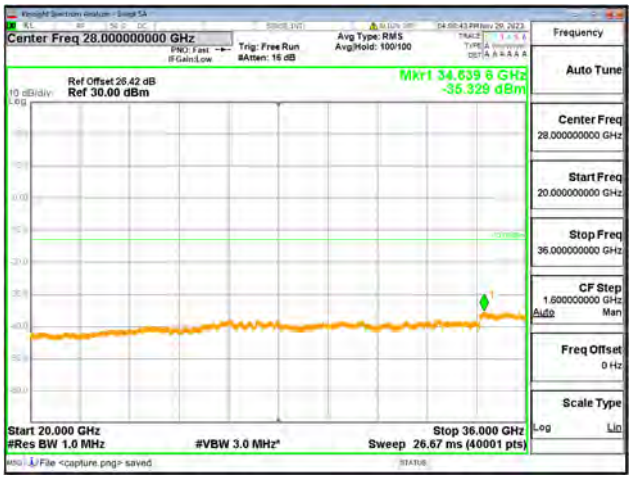
B42(3450-3550)-20G-36G / 15MHz / Mid CH / QPSK

B42(3450-3550)-30M-20G / 15MHz / High CH / QPSK

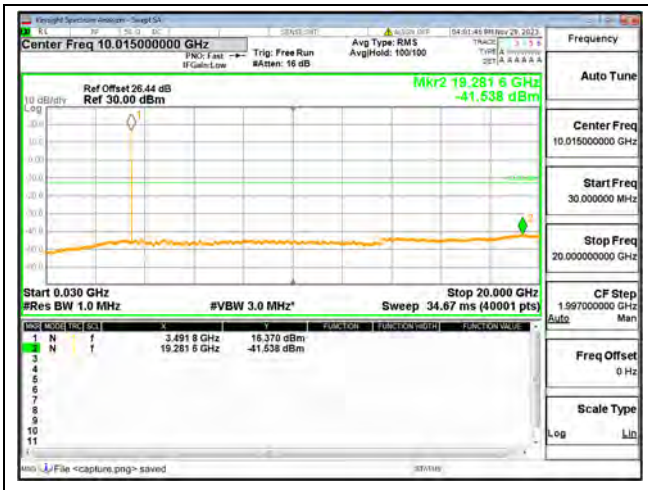


B42(3450-3550)-20G-36G / 15MHz / High CH / QPSK

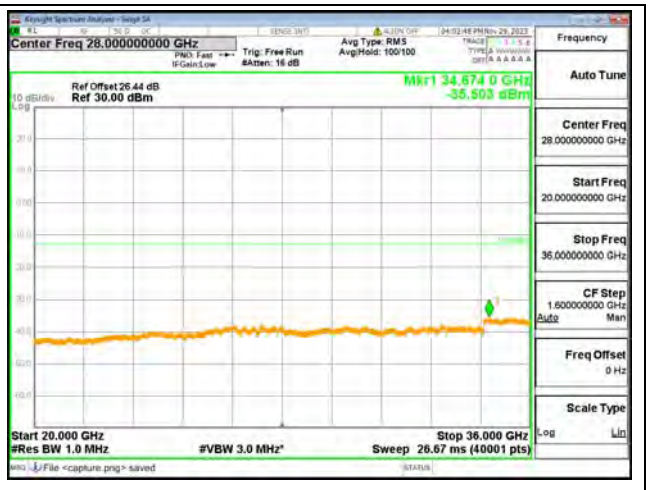
B42(3450-3550)-30M-20G / 15MHz / Low CH / QPSK



B42(3450-3550)-20G-36G / 15MHz / Low CH / QPSK

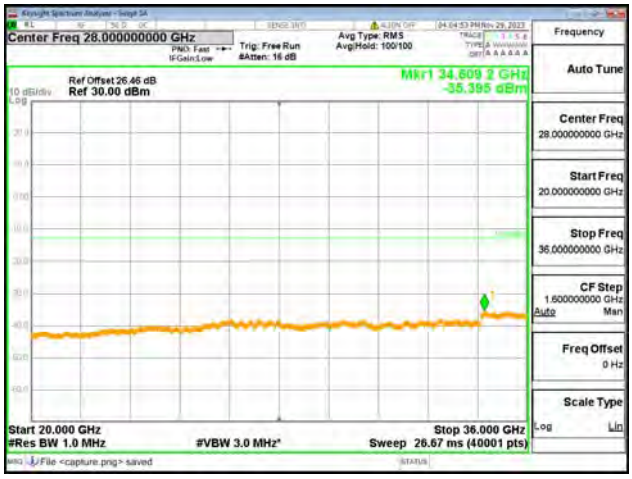


B42(3450-3550)-30M-20G / 20MHz / Mid CH / QPSK



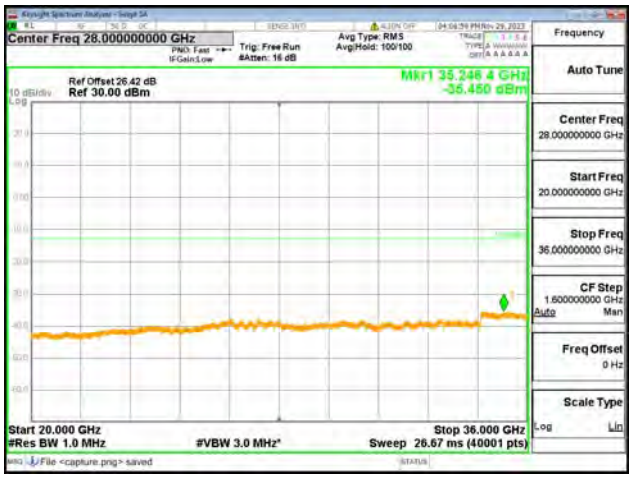
B42(3450-3550)-20G-36G / 20MHz / Mid CH / QPSK

B42(3450-3550)-30M-20G / 20MHz / High CH / QPSK



B42(3450-3550)-20G-36G / 20MHz / High CH / QPSK

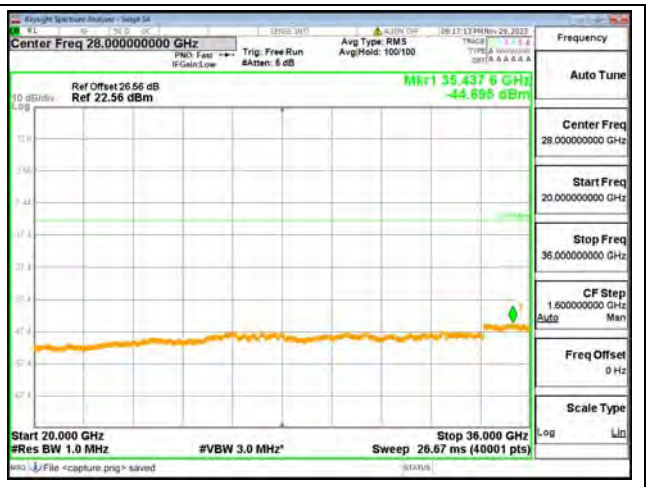
B42(3450-3550)-30M-20G / 20MHz / Low CH / QPSK



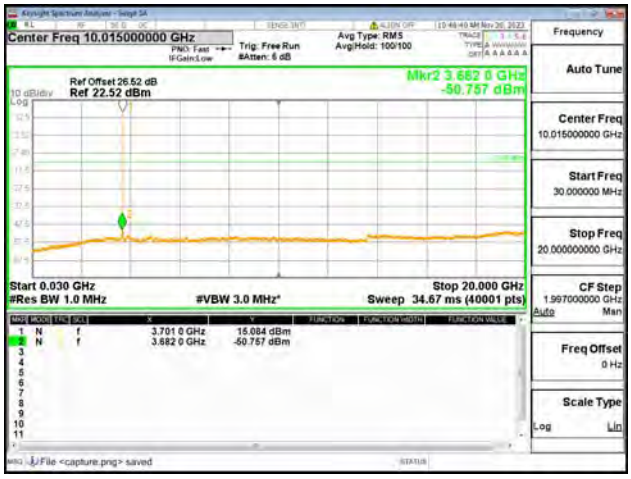
B42(3450-3550)-20G-36G / 20MHz / Low CH / QPSK

 B42(3550-3600)-30M-20G / 5MHz / High CH / QPSK	

B43(3700-3800)-30M-20G / 5MHz / High CH / QPSK



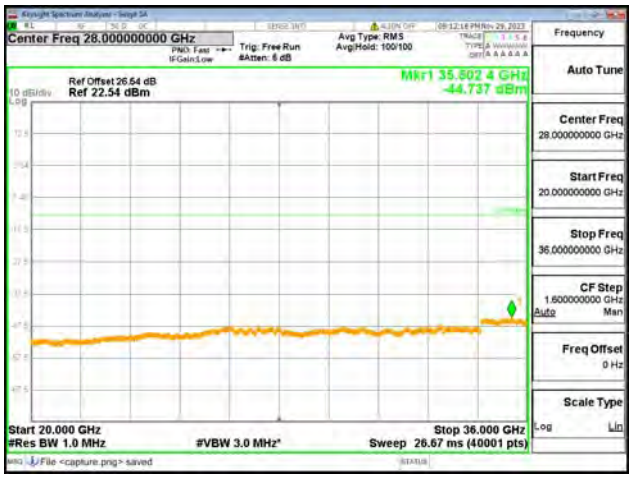
B43(3700-3800)-20G-38G / 5MHz / High CH / QPSK



B43(3700-3800)-30M-20G / 5MHz / Low CH / QPSK

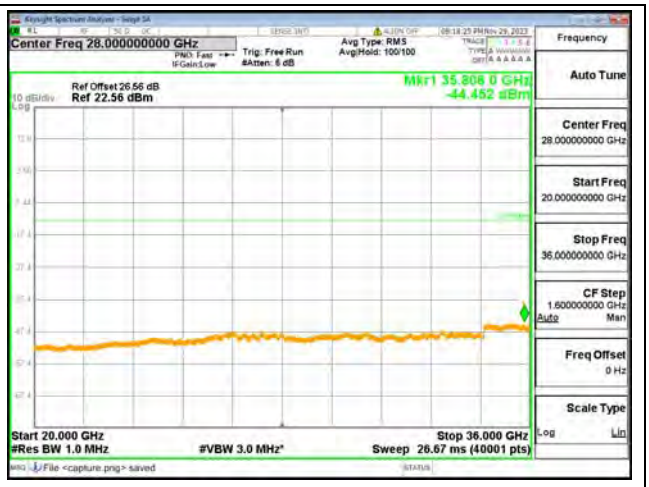
B43(3700-3800)-20G-38G / 5MHz / Low CH / QPSK

B43(3700-3800)-30M-20G / 5MHz / Mid CH / QPSK



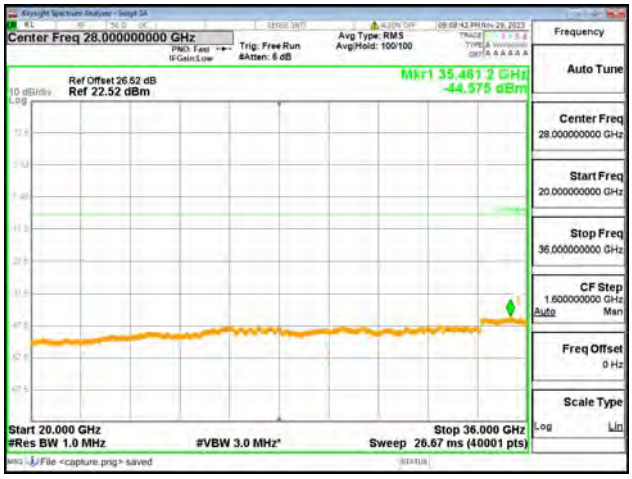
B43(3700-3800)-20G-38G / 5MHz / Mid CH / QPSK

B43(3700-3800)-30M-20G / 10MHz / High CH / QPSK



B43(3700-3800)-20G-38G / 10MHz / High CH / QPSK

B43(3700-3800)-30M-20G / 10MHz / Low CH / QPSK

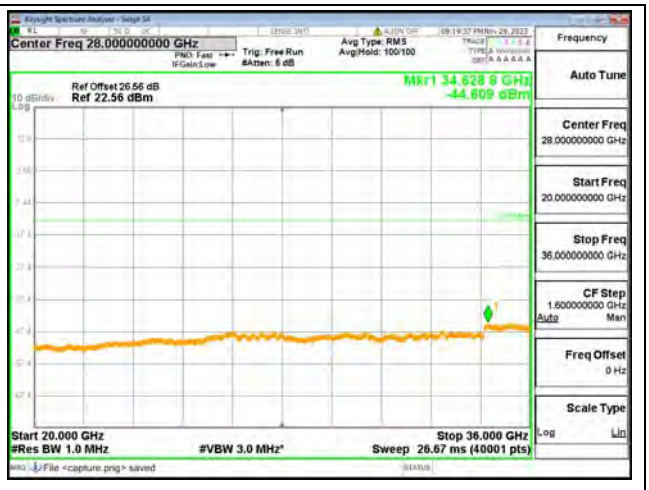


B43(3700-3800)-20G-38G / 10MHz / Low CH / QPSK

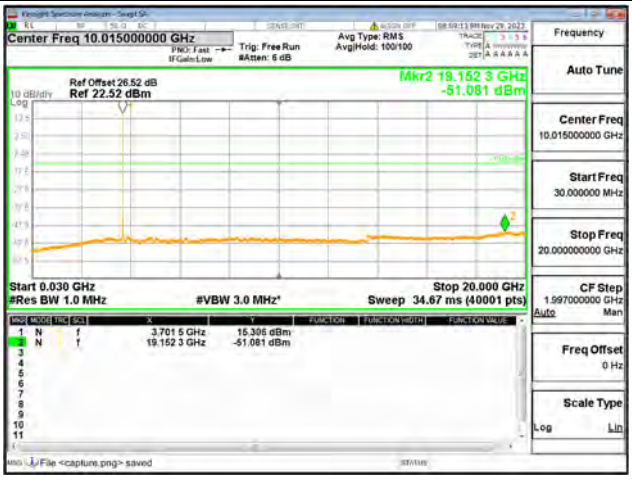
B43(3700-3800)-30M-20G / 10MHz / Mid CH / QPSK

B43(3700-3800)-20G-38G / 10MHz / Mid CH / QPSK

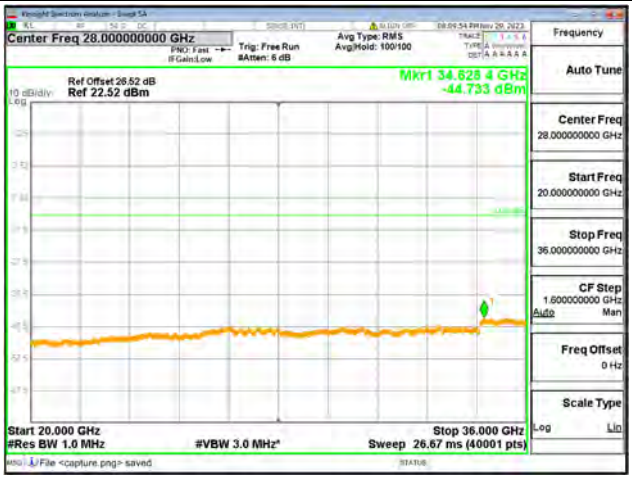
B43(3700-3800)-30M-20G / 15MHz / High CH / QPSK



B43(3700-3800)-20G-38G / 15MHz / High CH / QPSK



B43(3700-3800)-30M-20G / 15MHz / Low CH / QPSK

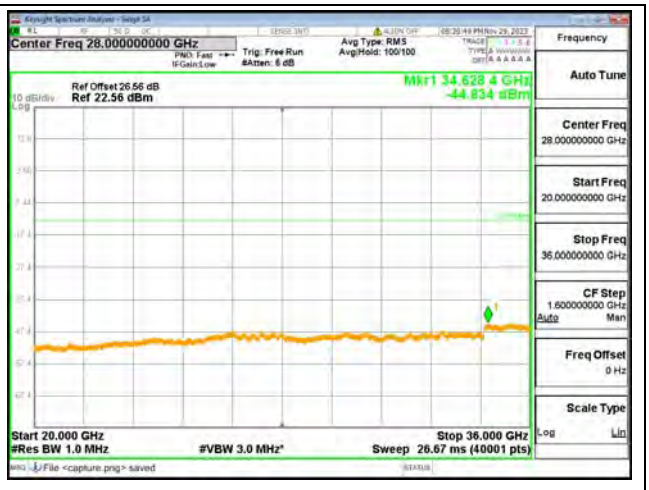


B43(3700-3800)-20G-38G / 15MHz / Low CH / QPSK

B43(3700-3800)-30M-20G / 15MHz / Mid CH / QPSK

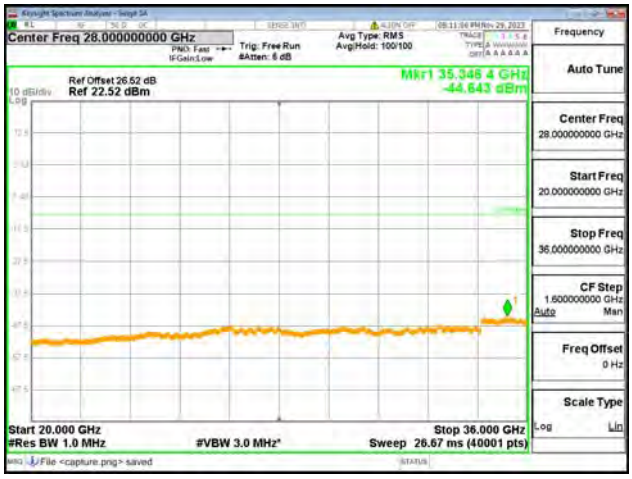
B43(3700-3800)-20G-38G / 15MHz / Mid CH / QPSK

B43(3700-3800)-30M-20G / 20MHz / High CH / QPSK



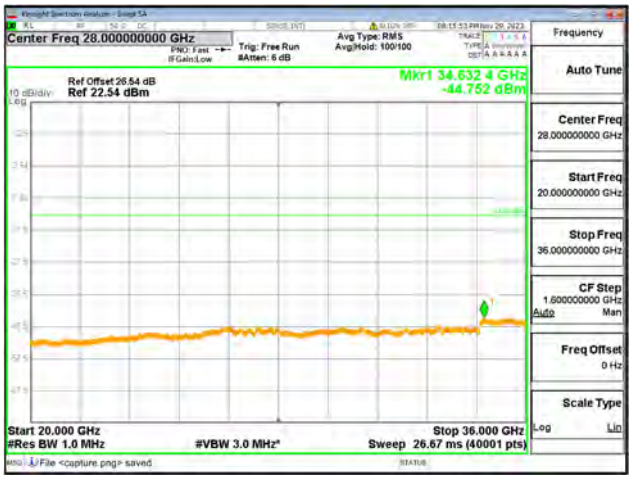
B43(3700-3800)-20G-38G / 20MHz / High CH / QPSK

B43(3700-3800)-30M-20G / 20MHz / Low CH / QPSK



B43(3700-3800)-20G-38G / 20MHz / Low CH / QPSK

B43(3700-3800)-30M-20G / 20MHz / Mid CH / QPSK



B43(3700-3800)-20G-38G / 20MHz / Mid CH / QPSK