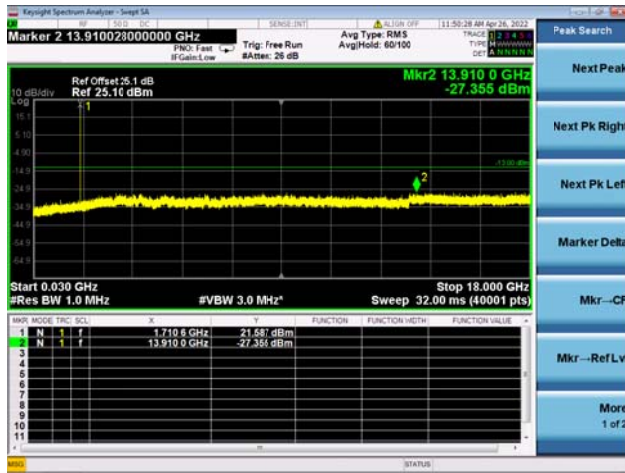
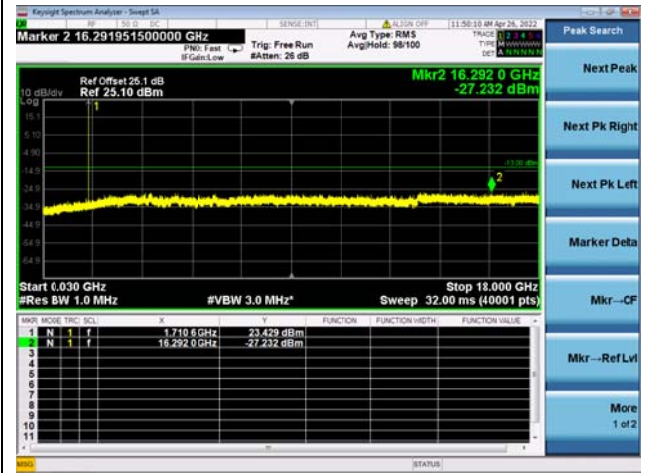




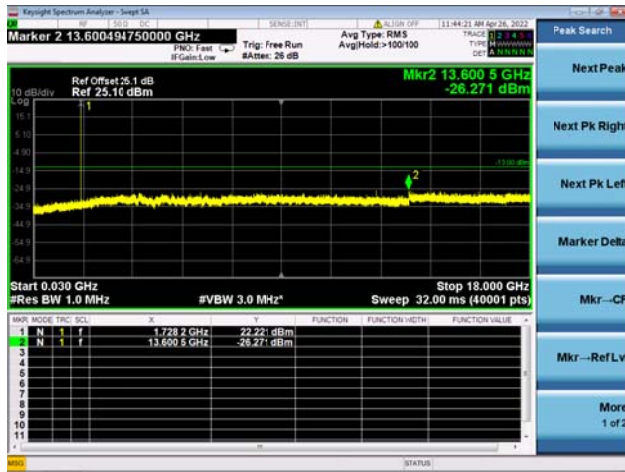
Band 4 / 10MHz / Low CH / QPSK



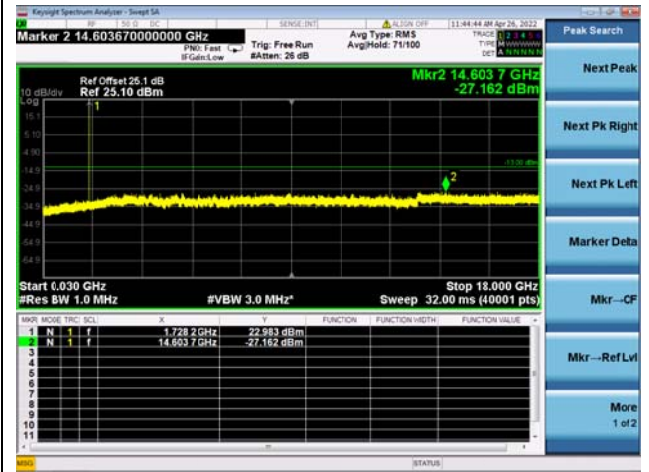
Band 4 / 10MHz / Low CH / 16QAM



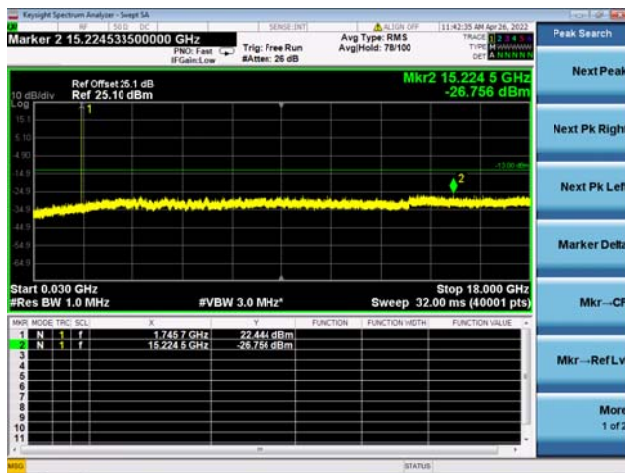
Band 4 / 10MHz / Mid CH / QPSK



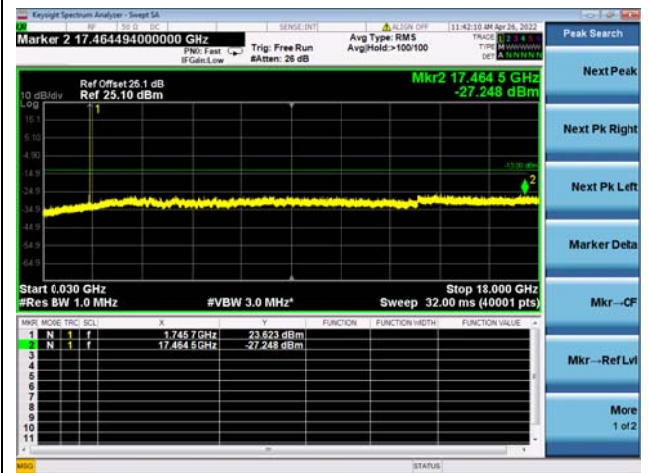
Band 4 / 10MHz / Mid CH / 16QAM



Band 4 / 10MHz / High CH / QPSK

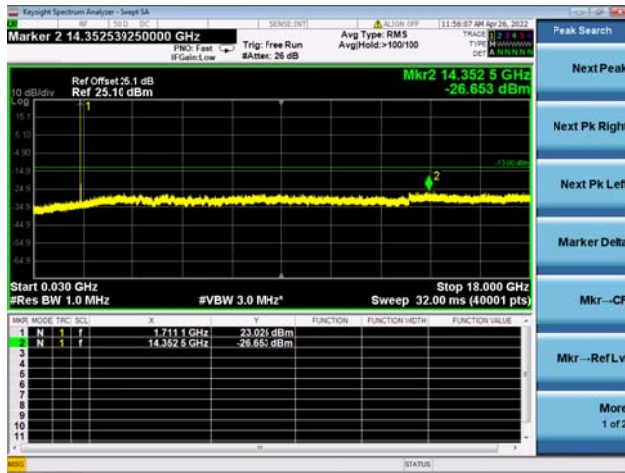


Band 4 / 10MHz / High CH / 16QAM

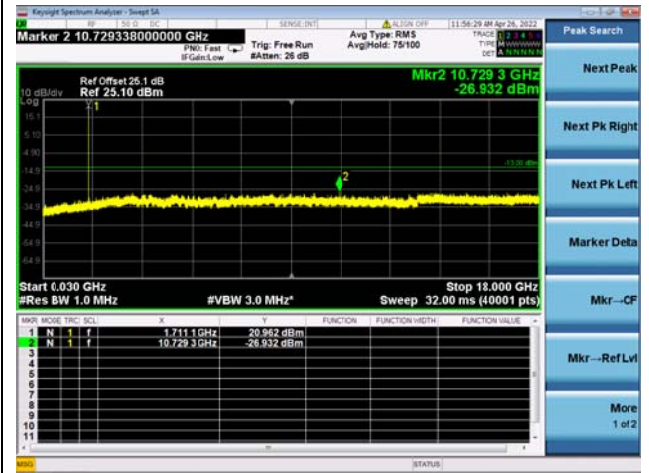




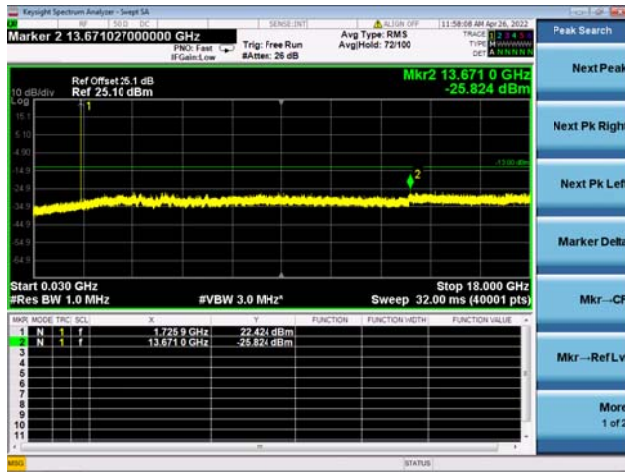
Band 4 / 15MHz / Low CH / QPSK



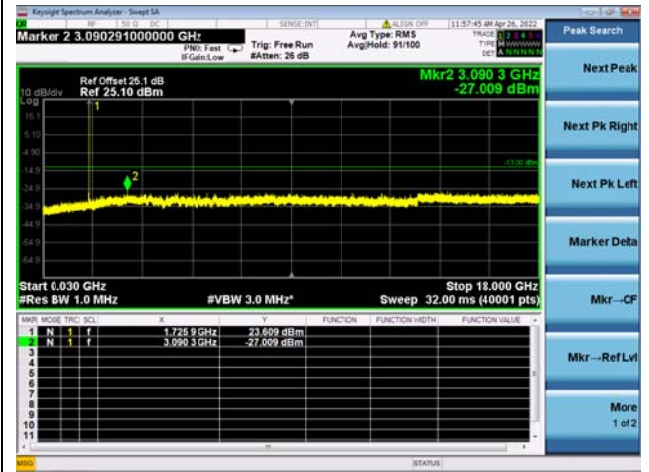
Band 4 / 15MHz / Low CH / 16QAM



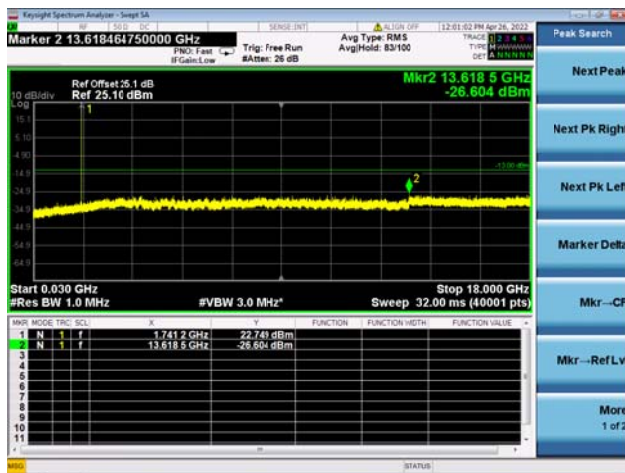
Band 4 / 15MHz / Mid CH / QPSK



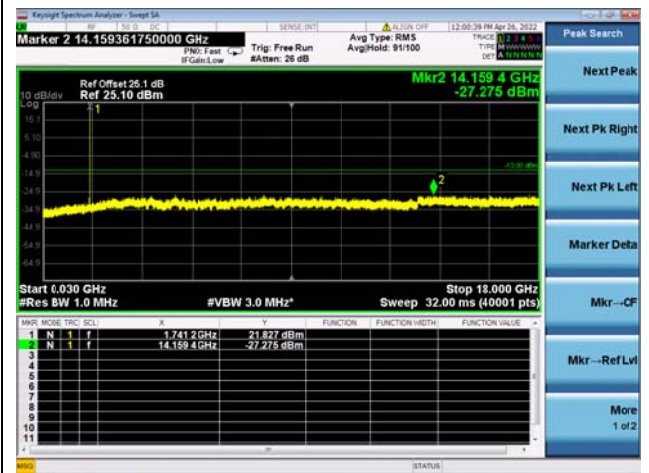
Band 4 / 15MHz / Mid CH / 16QAM



Band 4 / 15MHz / High CH / QPSK

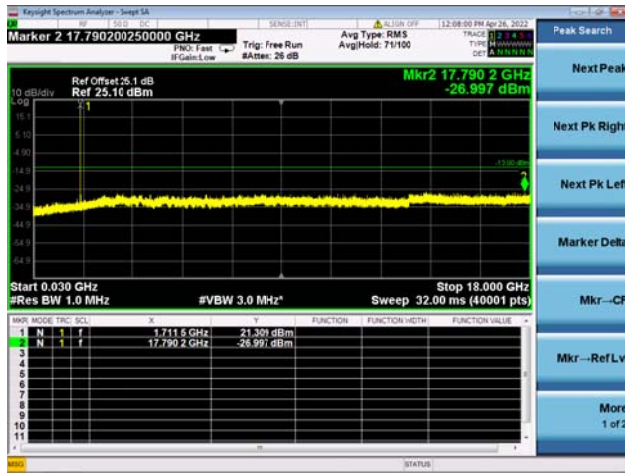


Band 4 / 15MHz / High CH / 16QAM

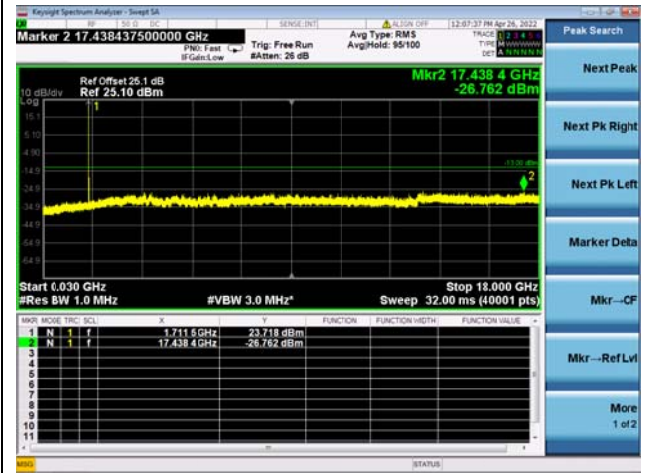




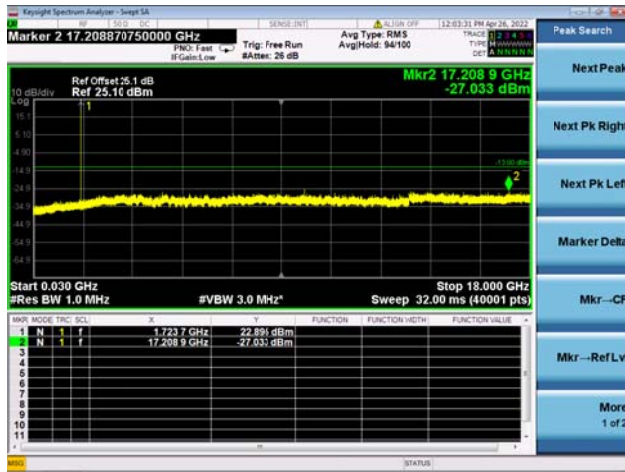
Band 4 / 20MHz / Low CH / QPSK



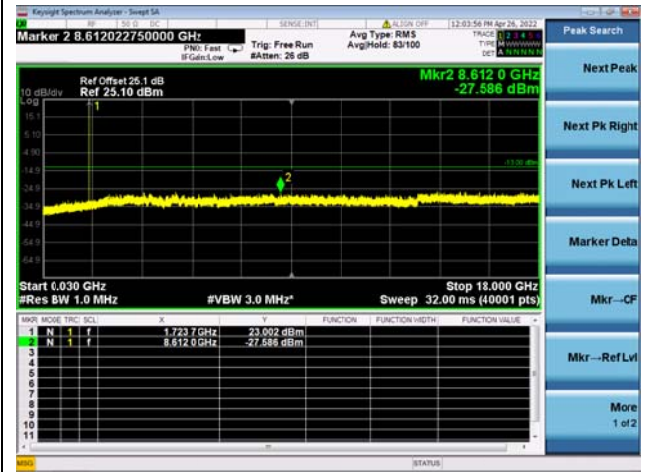
Band 4 / 20MHz / Low CH / 16QAM



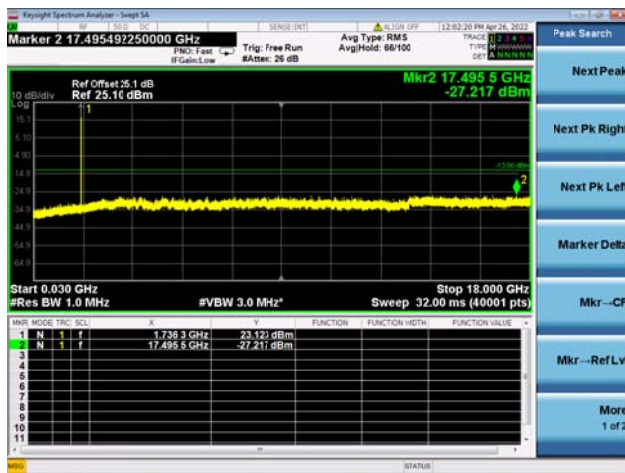
Band 4 / 20MHz / Mid CH / QPSK



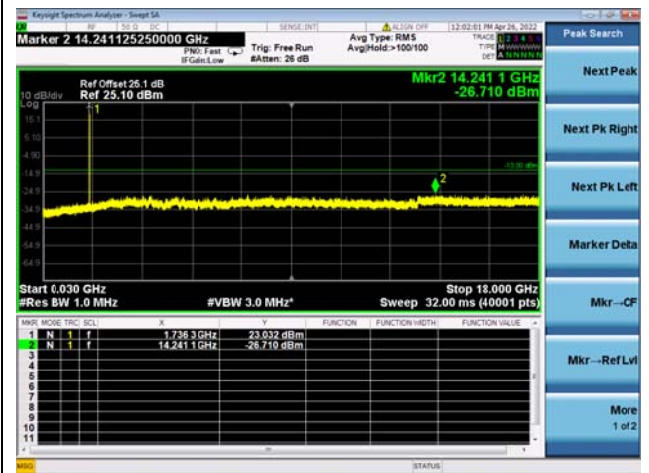
Band 4 / 20MHz / Mid CH / 16QAM



Band 4 / 20MHz / High CH / QPSK

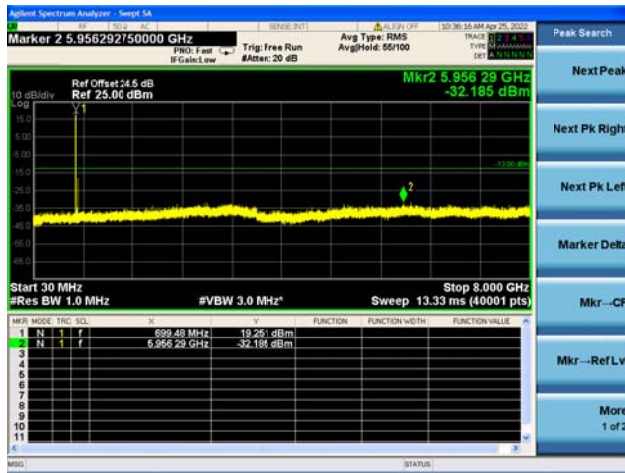


Band 4 / 20MHz / High CH / 16QAM





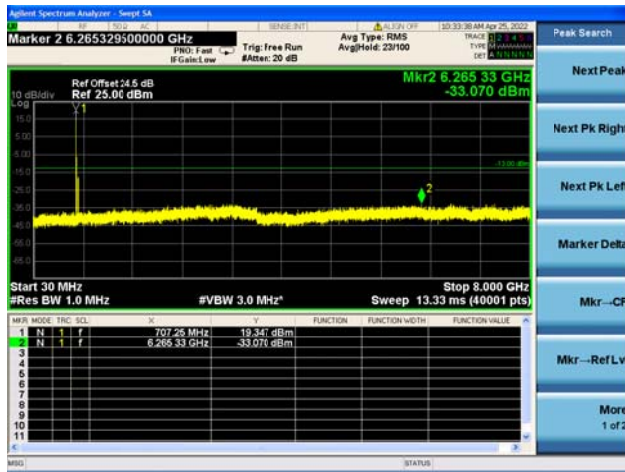
Band 12 / 1.4MHz / Low CH / QPSK



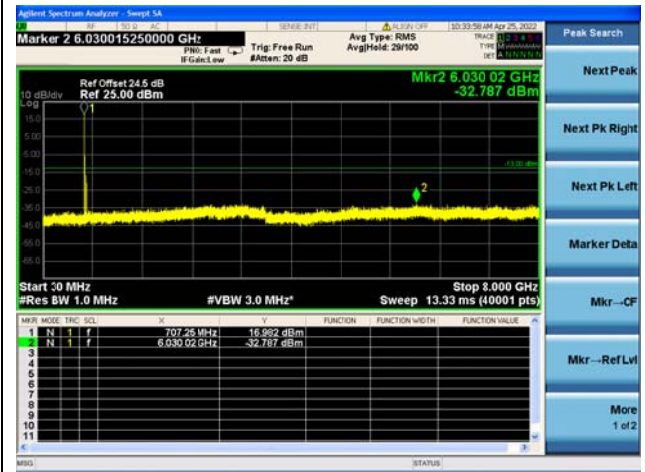
Band 12 / 1.4MHz / Low CH / 16QAM



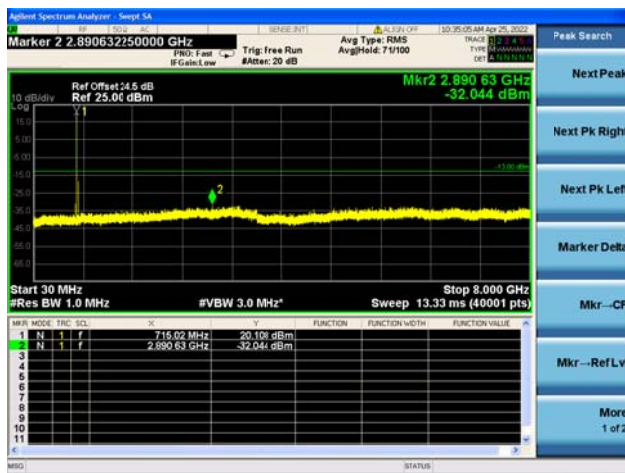
Band 12 / 1.4MHz / Mid CH / QPSK



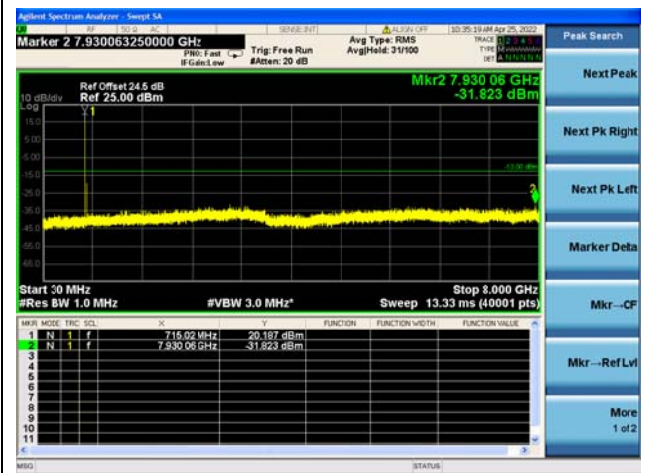
Band 12 / 1.4MHz / Mid CH / 16QAM



Band 12 / 1.4MHz / High CH / QPSK

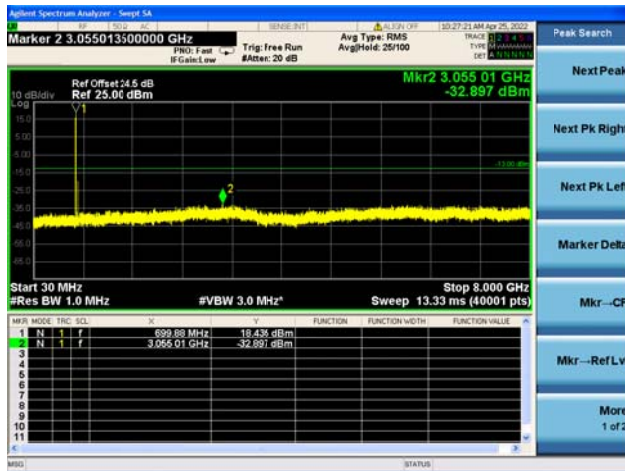


Band 12 / 1.4MHz / High CH / 16QAM





Band 12 / 3MHz / Low CH / QPSK



Band 12 / 3MHz / Low CH / 16QAM



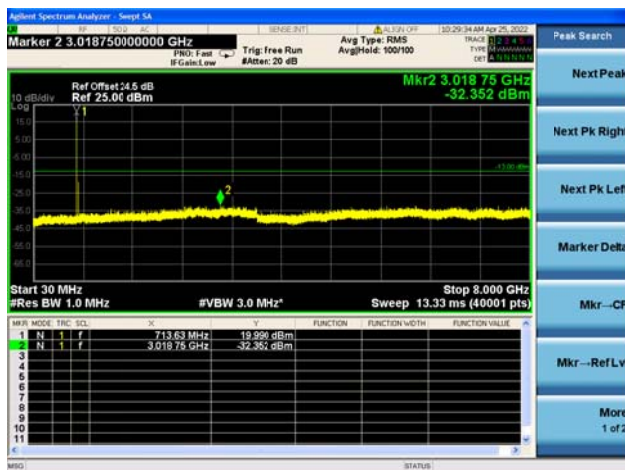
Band 12 / 3MHz / Mid CH / QPSK



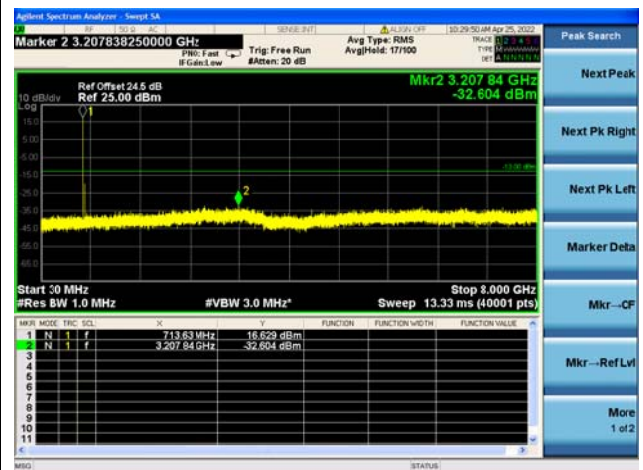
Band 12 / 3MHz / Mid CH / 16QAM



Band 12 / 3MHz / High CH / QPSK

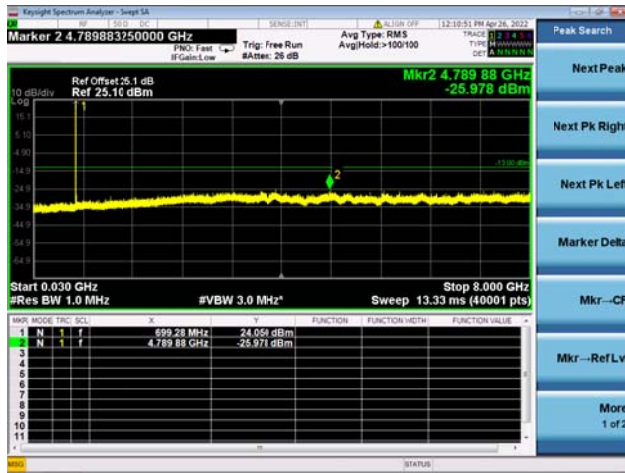


Band 12 / 3MHz / High CH / 16QAM

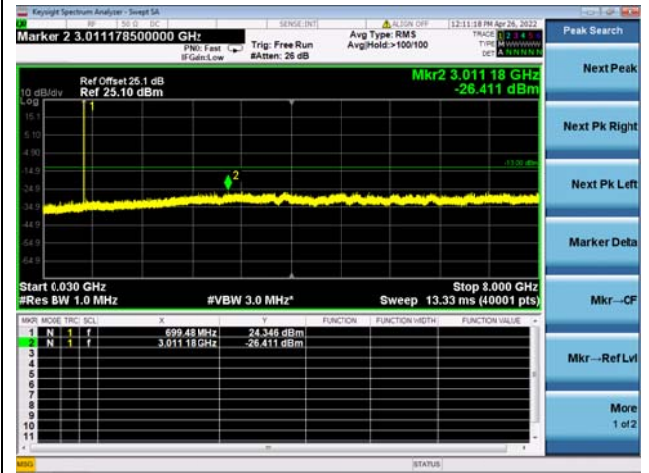




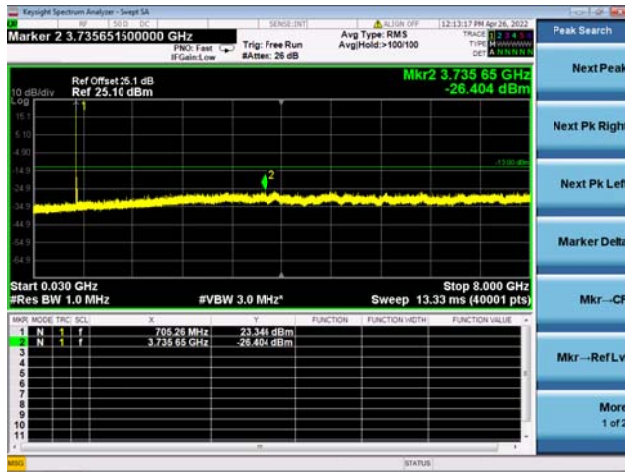
Band 12 / 5MHz / Low CH / QPSK



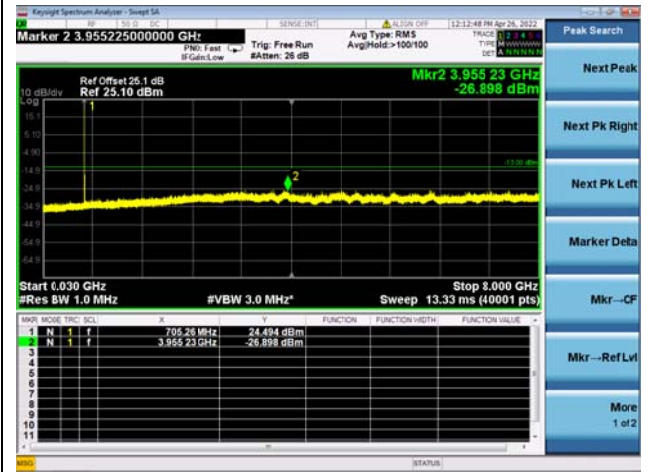
Band 12 / 5MHz / Low CH / 16QAM



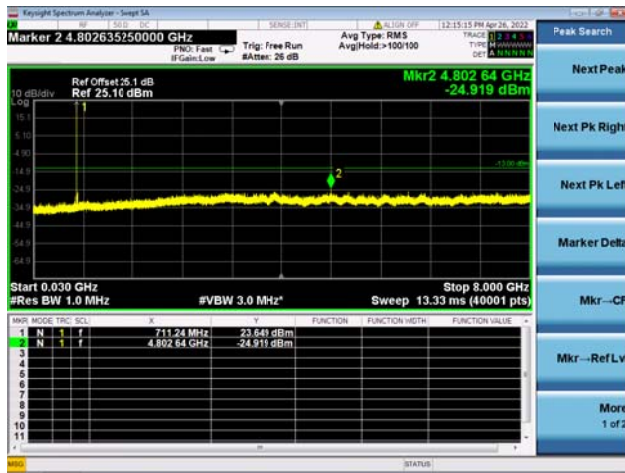
Band 12 / 5MHz / Mid CH / QPSK



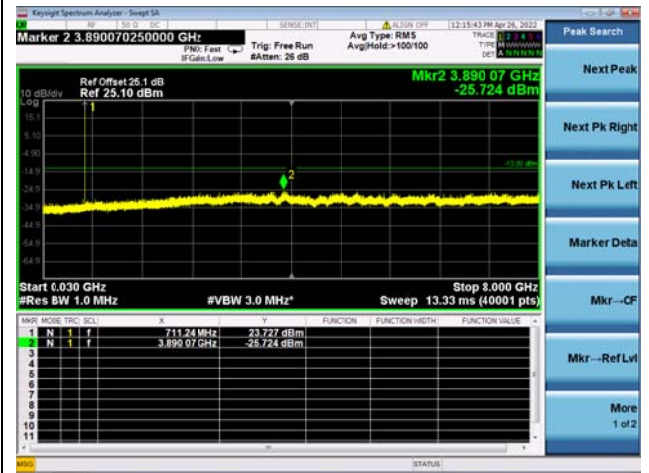
Band 12 / 5MHz / Mid CH / 16QAM



Band 12 / 5MHz / High CH / QPSK

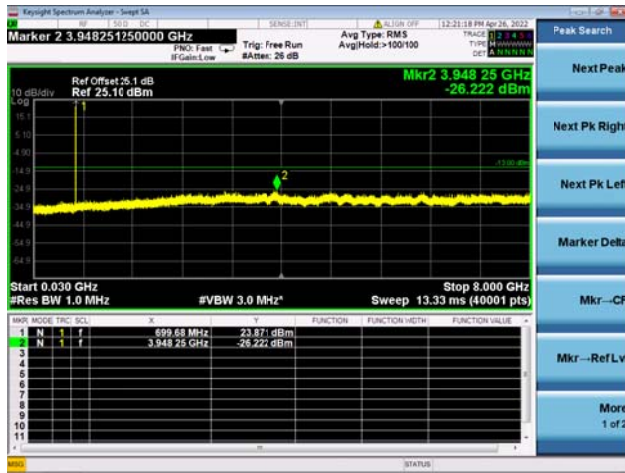


Band 12 / 5MHz / High CH / 16QAM

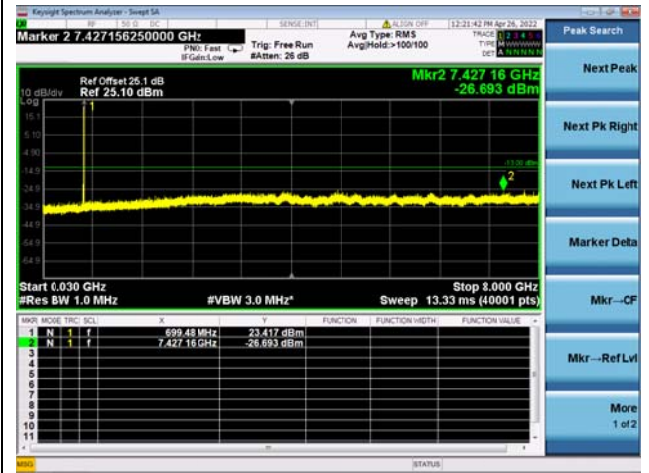




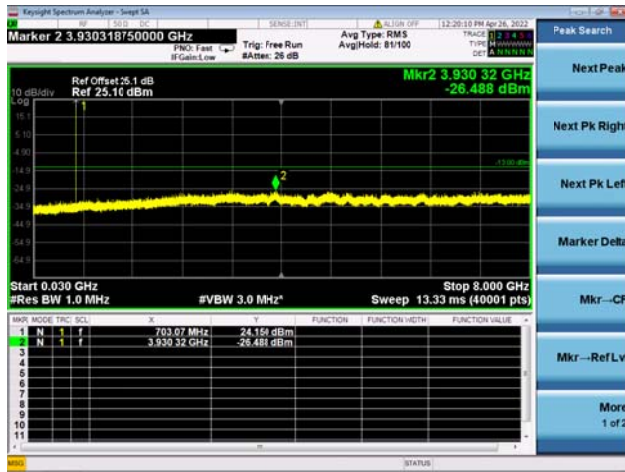
Band 12 / 10MHz / Low CH / QPSK



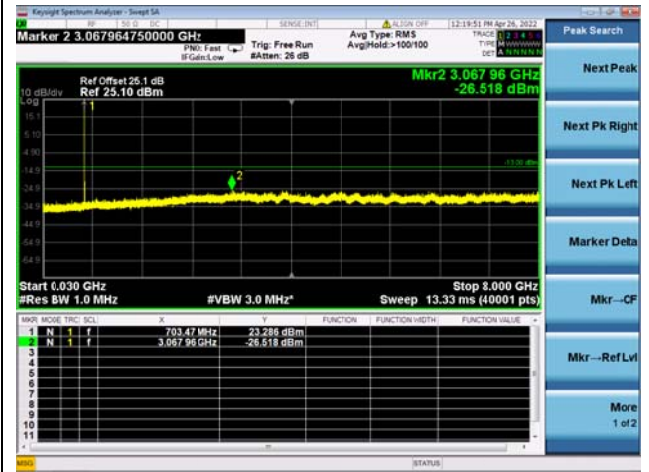
Band 12 / 10MHz / Low CH / 16QAM



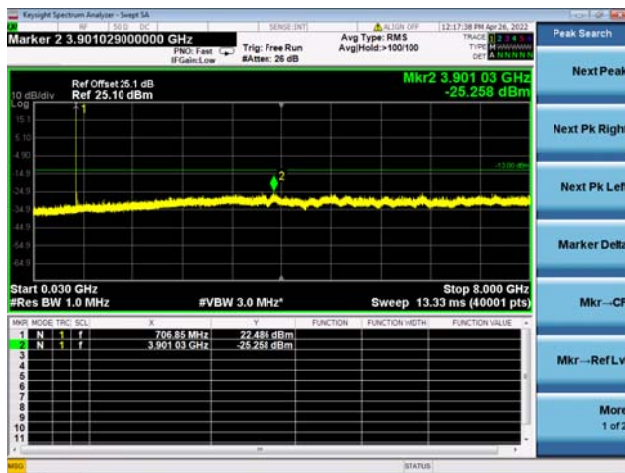
Band 12 / 10MHz / Mid CH / QPSK



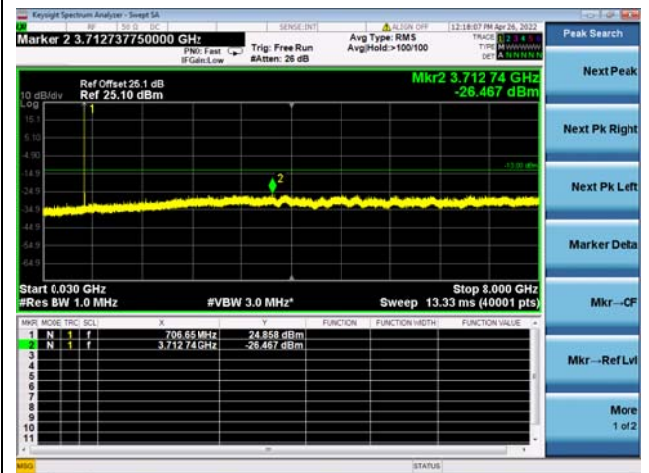
Band 12 / 10MHz / Mid CH / 16QAM



Band 12 / 10MHz / High CH / QPSK



Band 12 / 10MHz / High CH / 16QAM





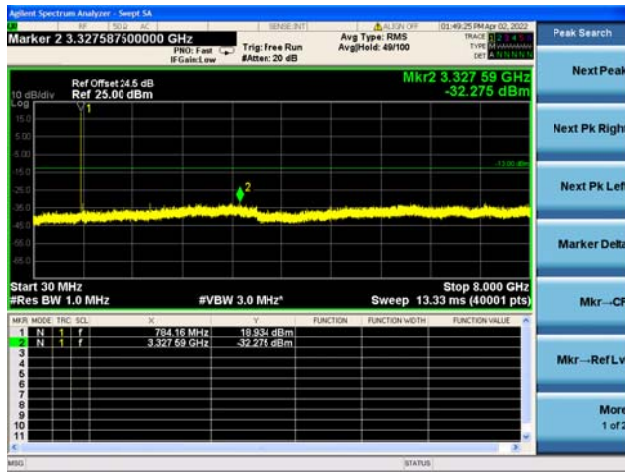
Band 13 / 5MHz / Low CH / QPSK



Band 13 / 5MHz / Low CH / 16QAM



Band 13 / 5MHz / Mid CH / QPSK



Band 13 / 5MHz / Mid CH / 16QAM

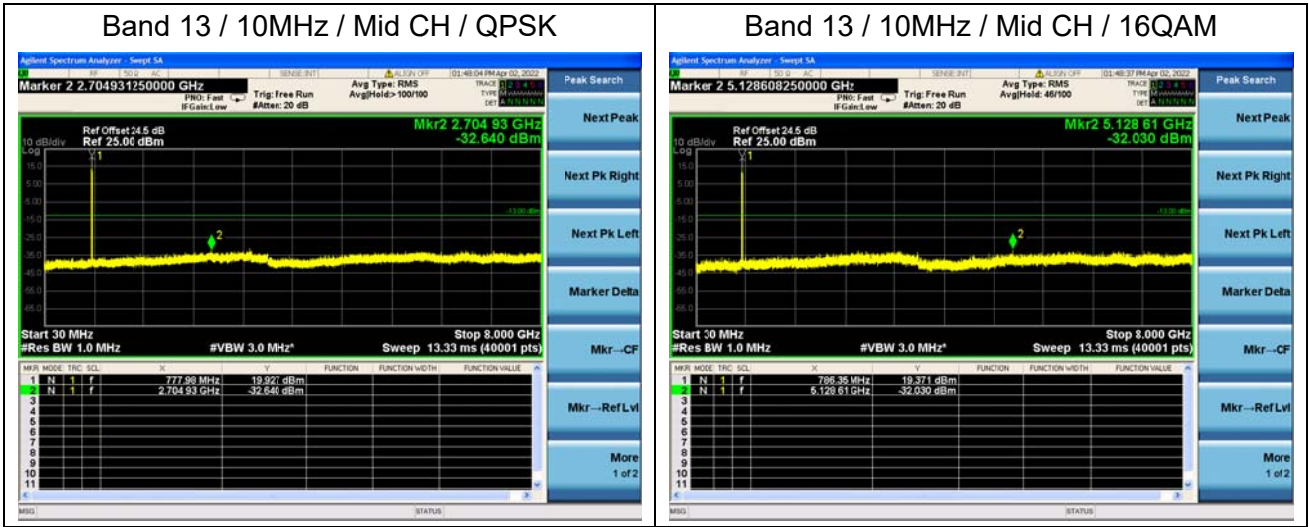


Band 13 / 5MHz / High CH / QPSK



Band 13 / 5MHz / High CH / 16QAM







2.6. Band Edge

2.6.1. Requirement

Band 2

According to FCC section 24.238(a), for operations in the 1850–1910MHz bands, 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 in a 1MHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

Band 4

According to FCC section 27.53(h), for operations in the 1710–1755MHz bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $43 + 10 \log_{10}(P)$ dB a 1MHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

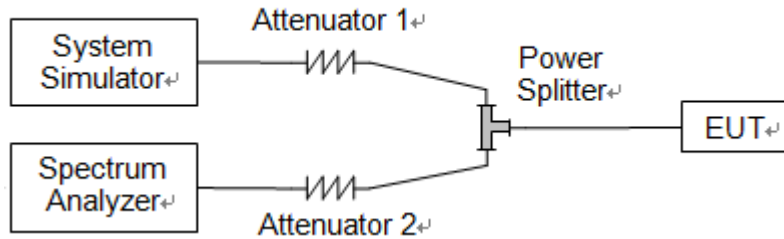
Band 12

According to FCC section 27.53(g), for operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log(P)$ dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

Band 13

According to FCC section 27.53(c)(2), any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log(P)$ dB in a 100kHz bandwidth. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed.

2.6.2. Description



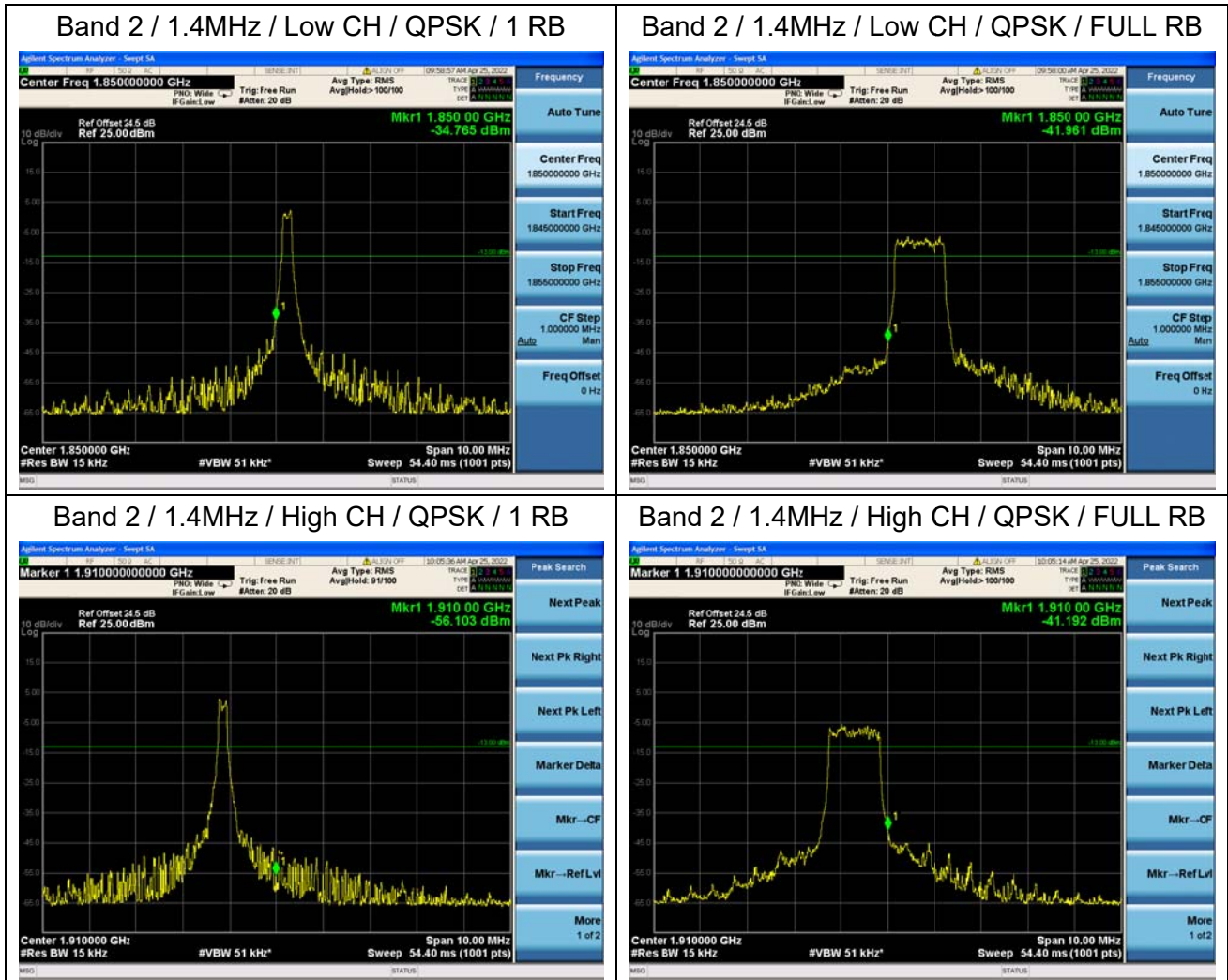
The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum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

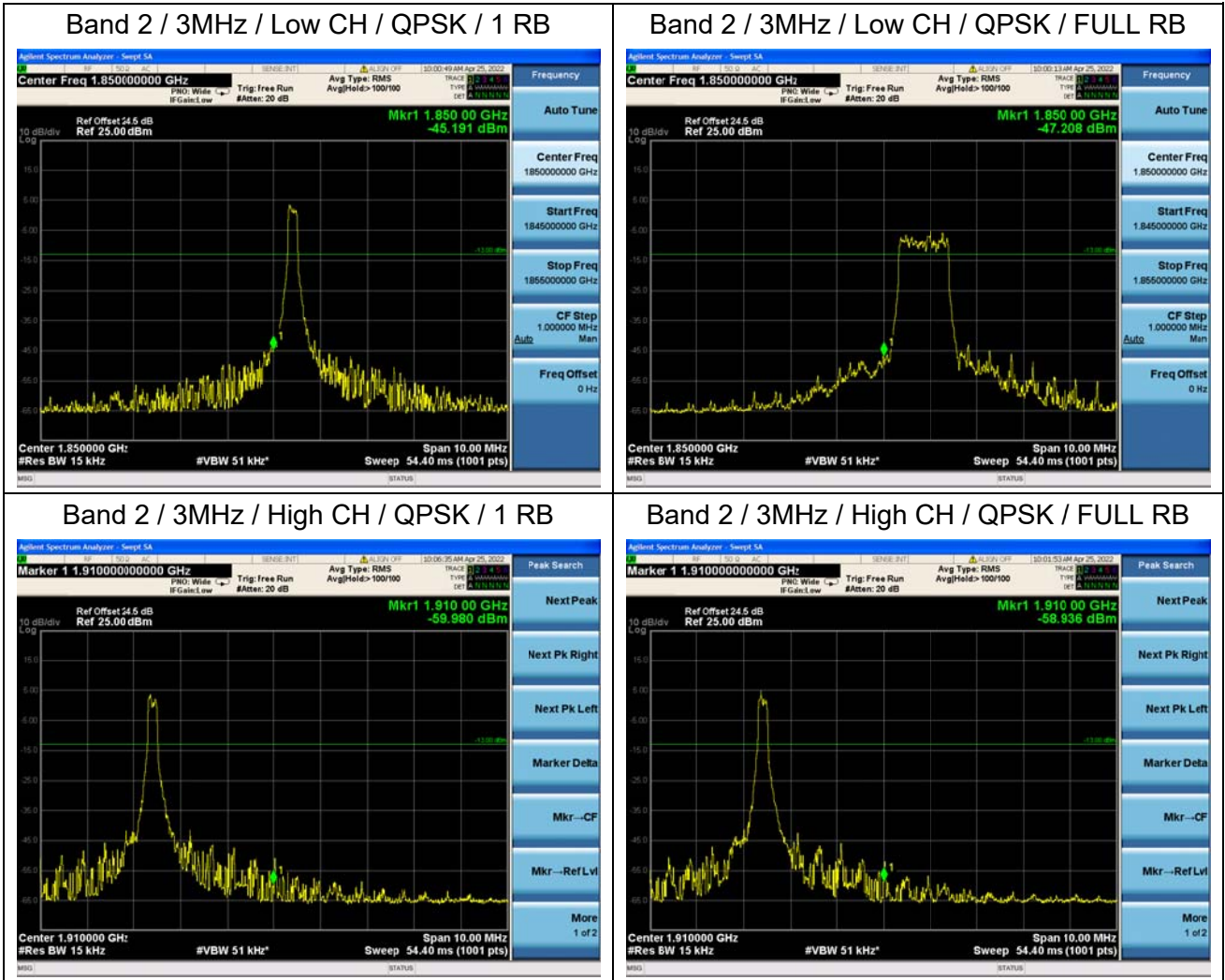
2.6.3. Test Procedure

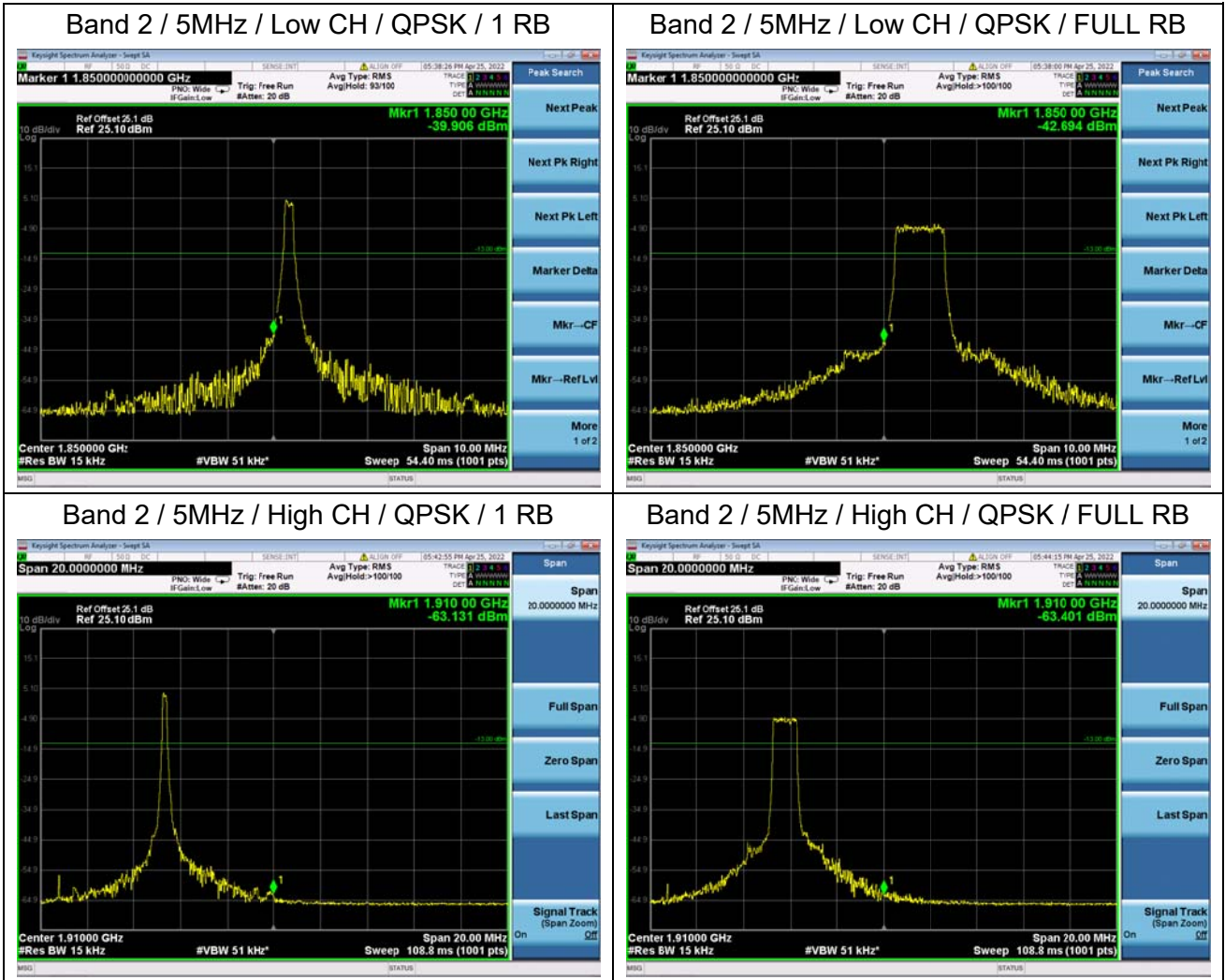
KDB 971168 D01v03 Section 6.0 and ANSI/TIA-603-E-2016.

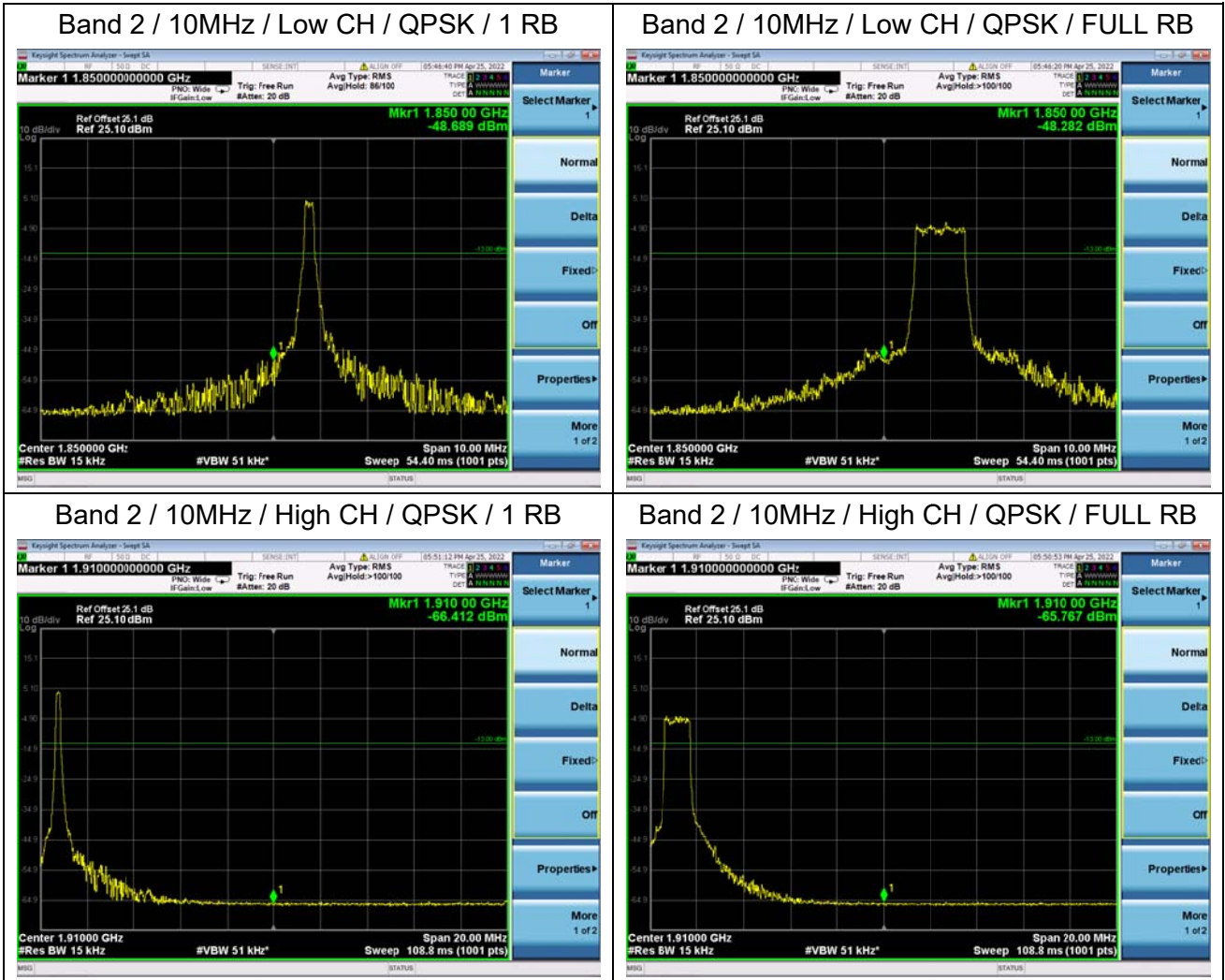


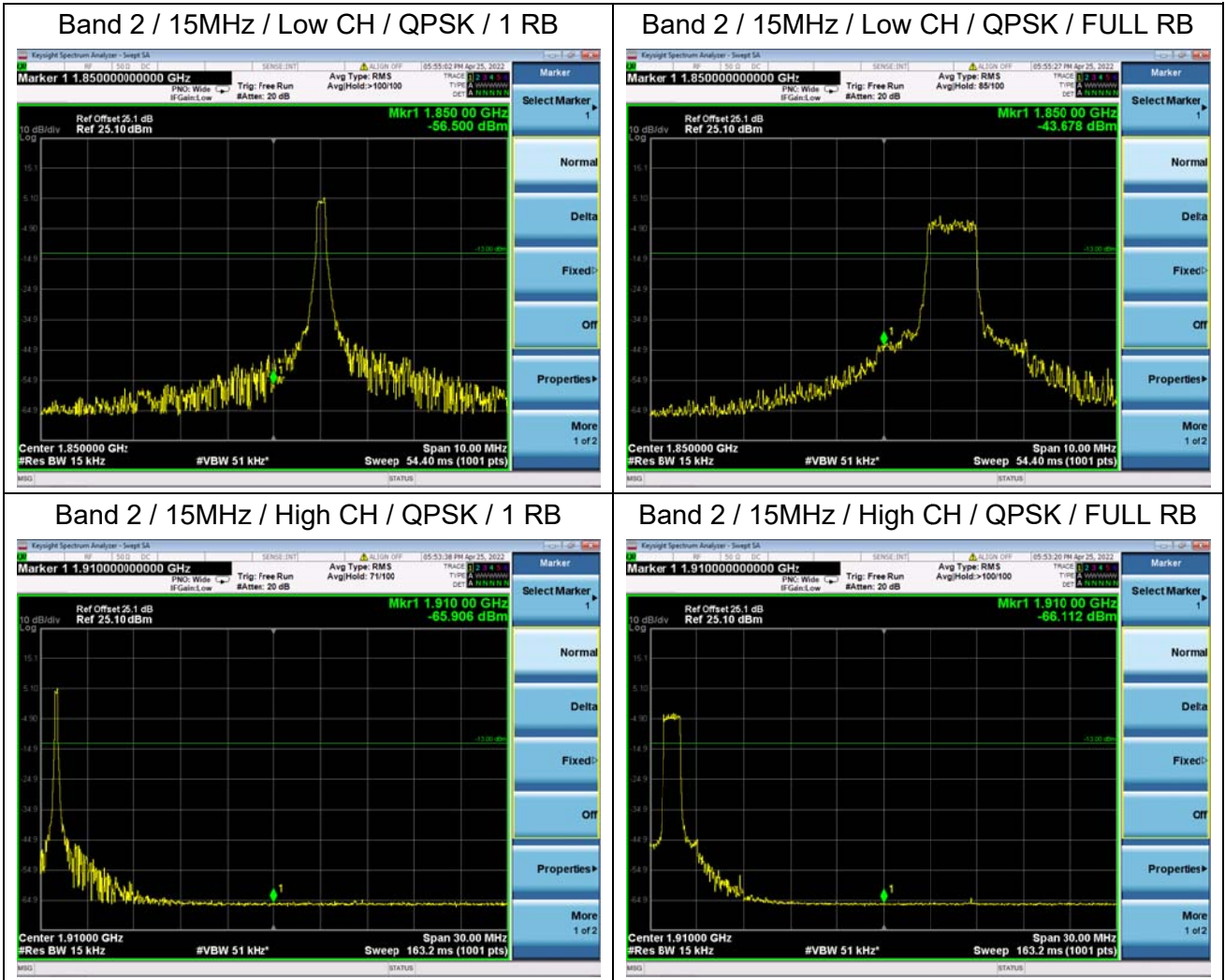
2.6.4. Test Result





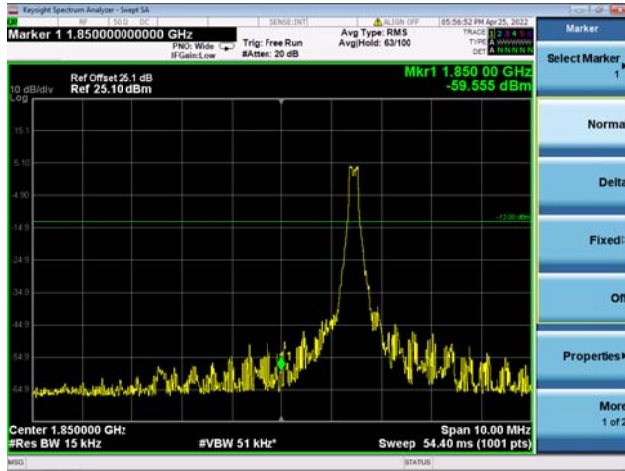




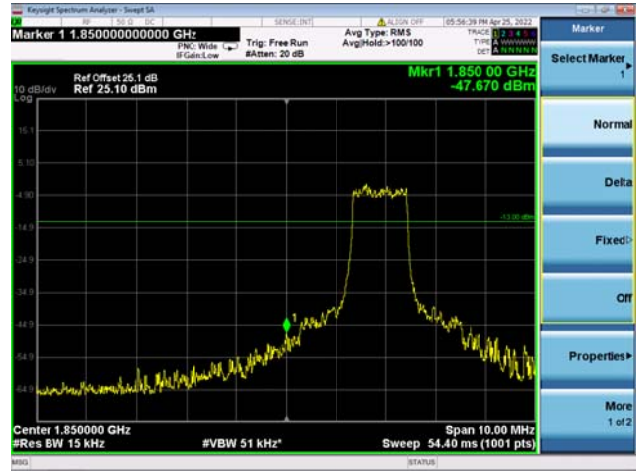




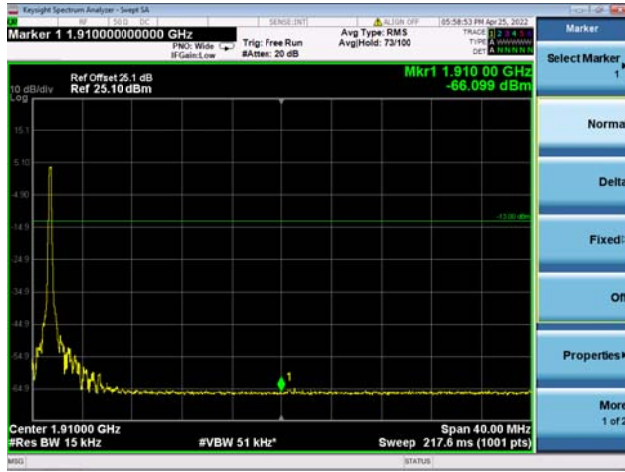
Band 2 / 20MHz / Low CH / QPSK / 1 RB



Band 2 / 20MHz / Low CH / QPSK / FULL RB



Band 2 / 20MHz / High CH / QPSK / 1 RB

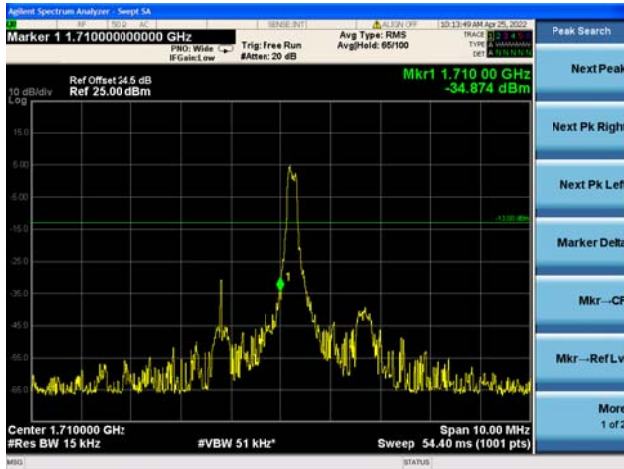


Band 2 / 20MHz / High CH / QPSK / FULL RB





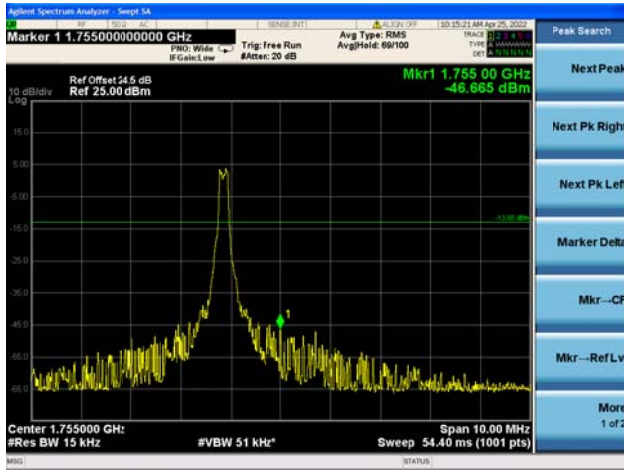
Band 4 / 1.4MHz / Low CH / QPSK / 1 RB



Band 4 / 1.4MHz / Low CH / QPSK / FULL RB

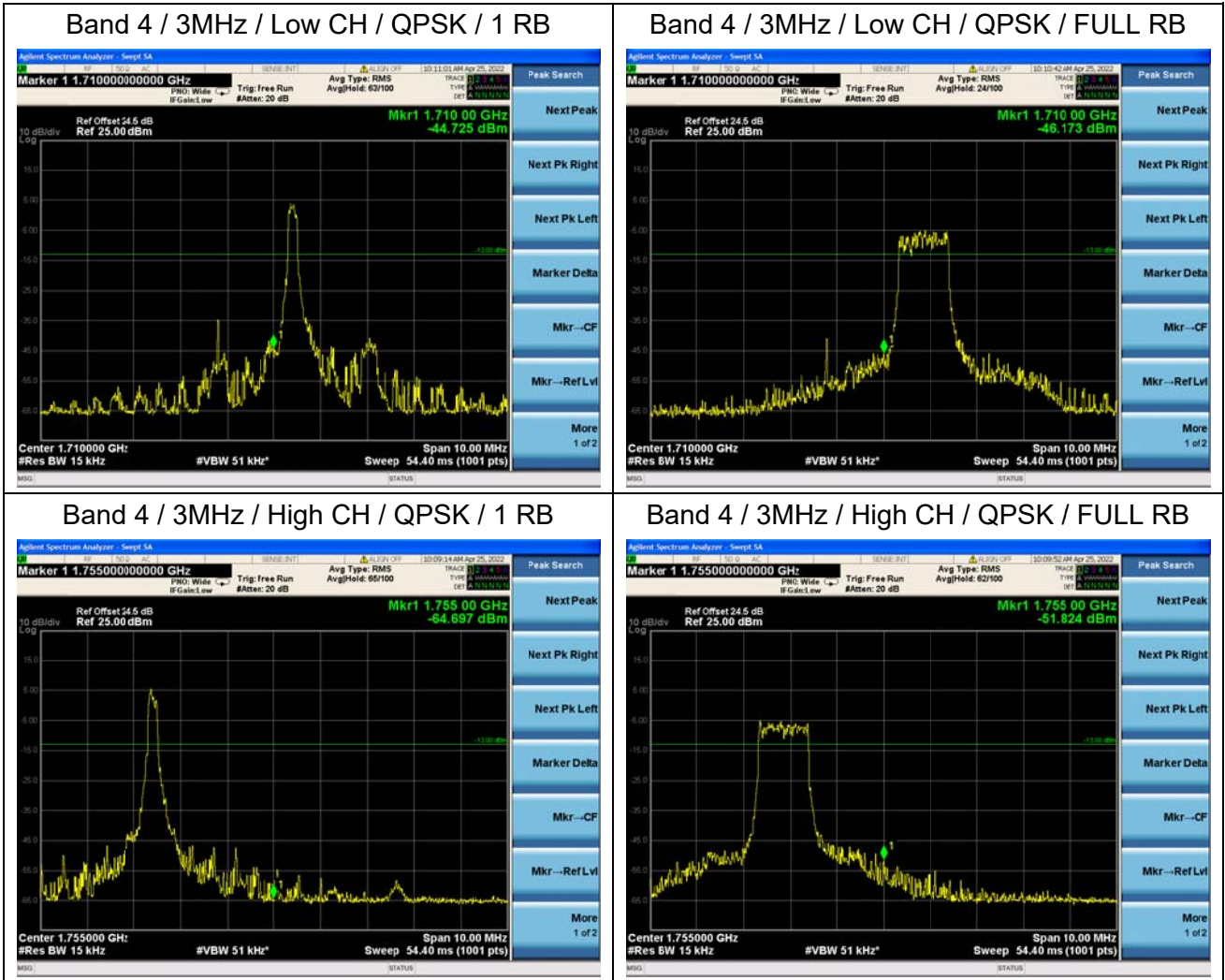


Band 4 / 1.4MHz / High CH / QPSK / 1 RB



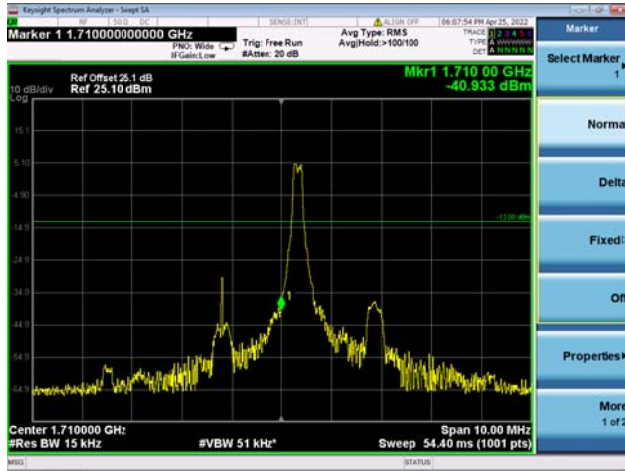
Band 4 / 1.4MHz / High CH / QPSK / FULL RB



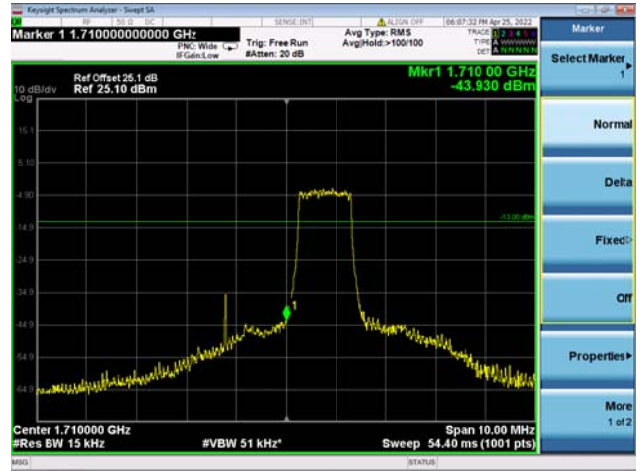




Band 4 / 5MHz / Low CH / QPSK / 1 RB



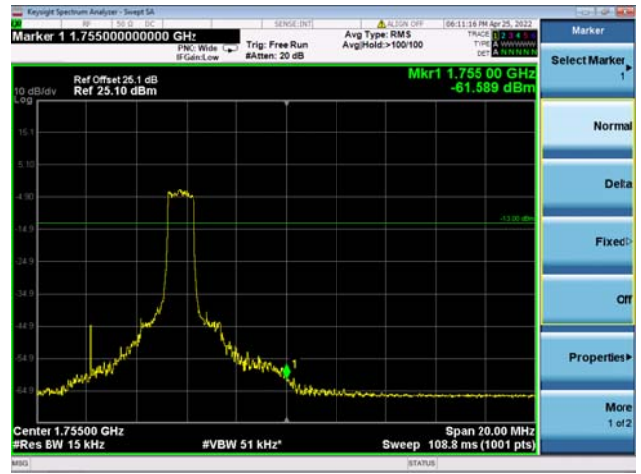
Band 4 / 5MHz / Low CH / QPSK / FULL RB

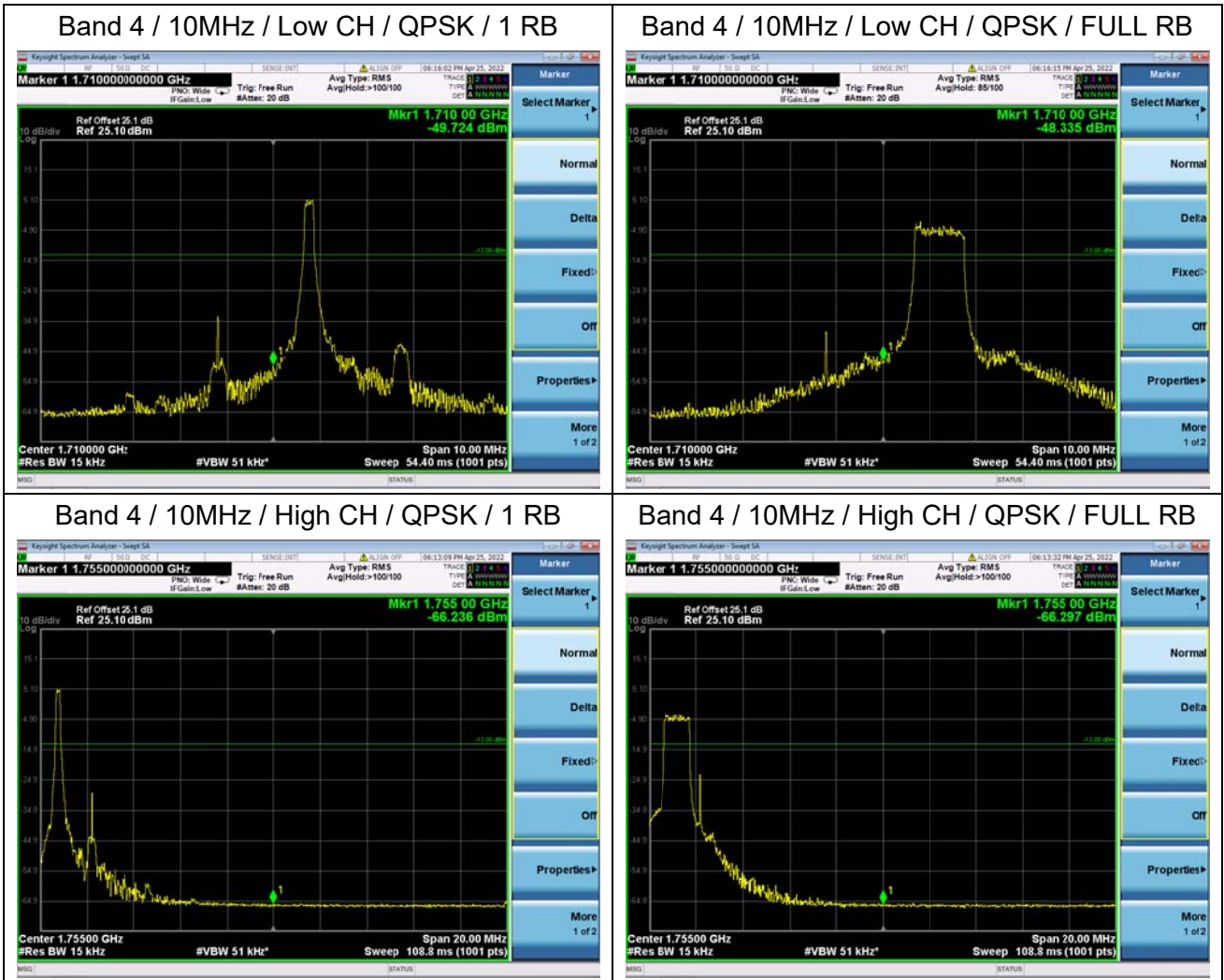


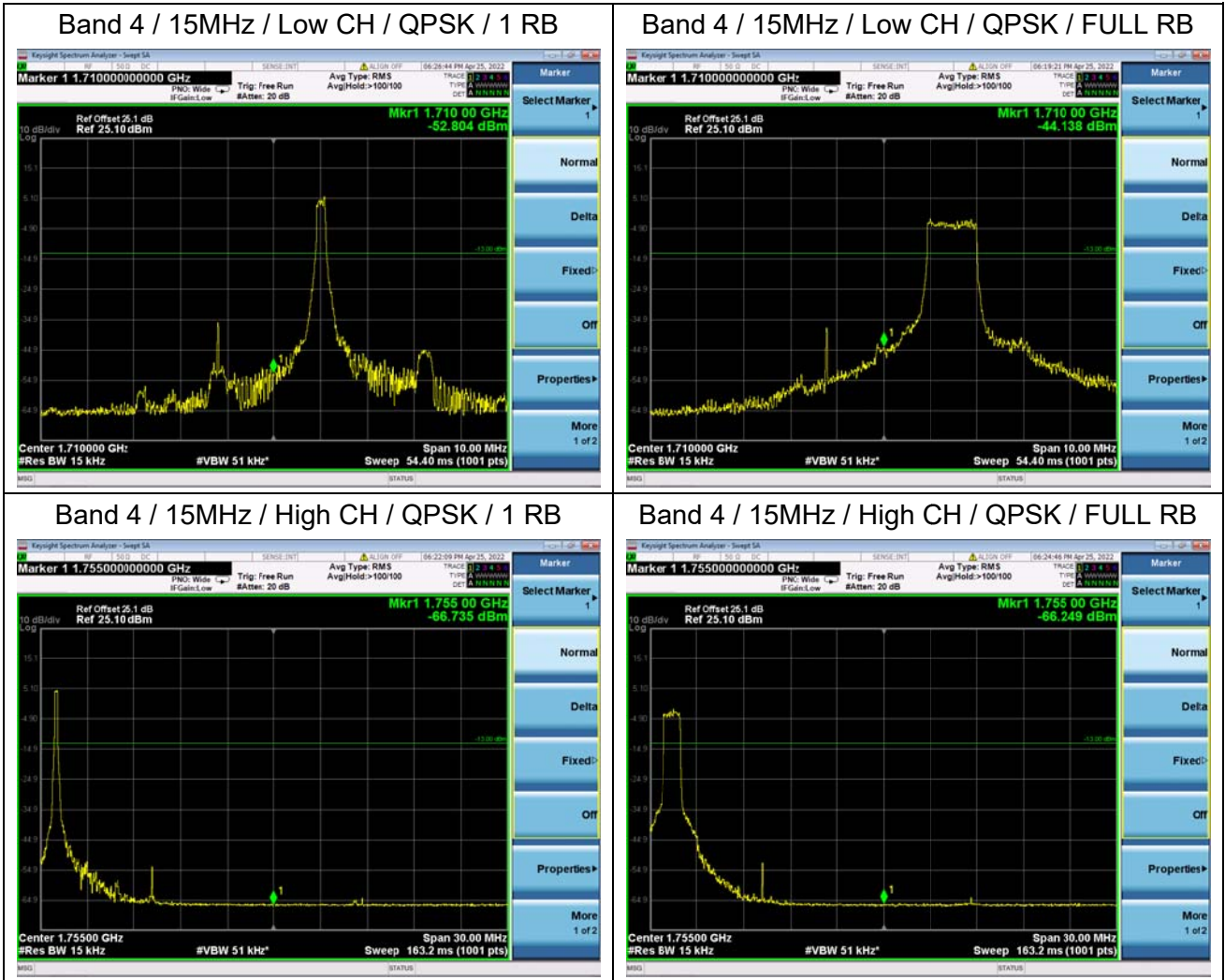
Band 4 / 5MHz / High CH / QPSK / 1 RB



Band 4 / 5MHz / High CH / QPSK / FULL RB

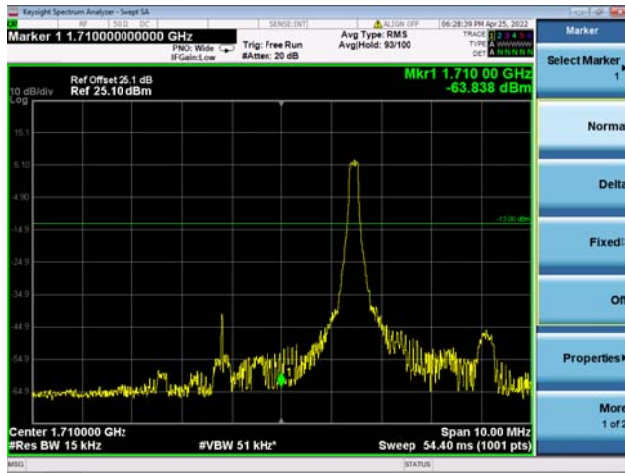




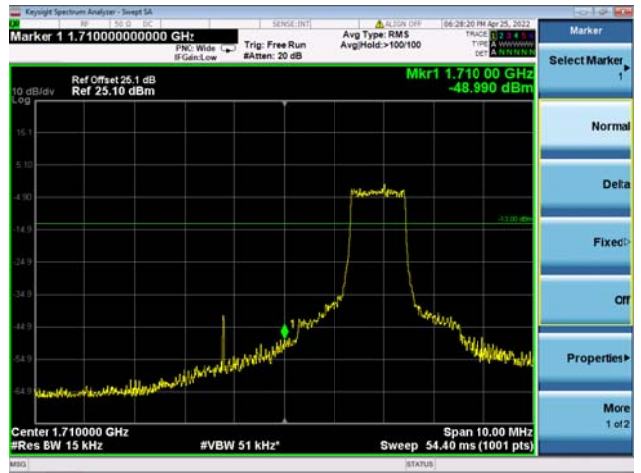




Band 4 / 20MHz / Low CH / QPSK / 1 RB



Band 4 / 20MHz / Low CH / QPSK / FULL RB



Band 4 / 20MHz / High CH / QPSK / 1 RB

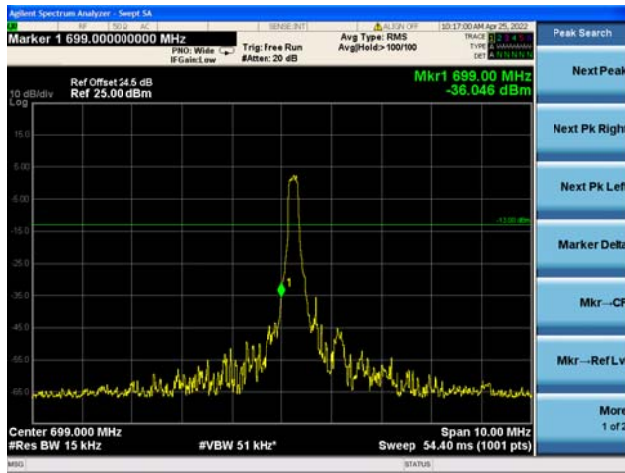


Band 4 / 20MHz / High CH / QPSK / FULL RB





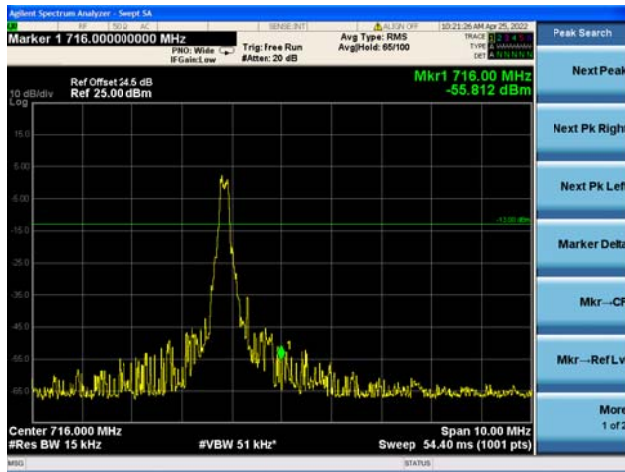
Band 12 / 1.4MHz / Low CH / QPSK / 1 RB



Band 12 / 1.4MHz / Low CH / QPSK / FULL RB

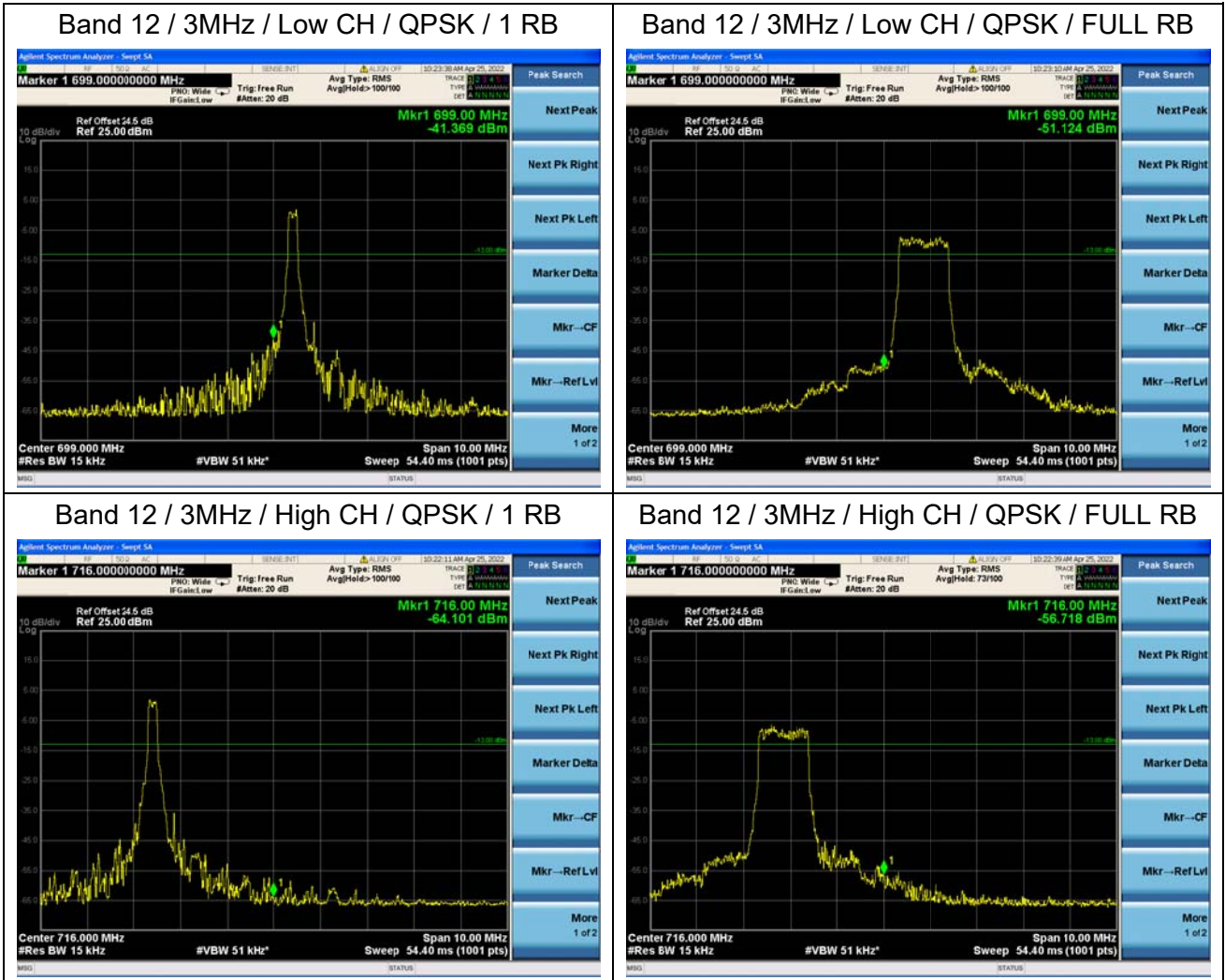


Band 12 / 1.4MHz / High CH / QPSK / 1 RB



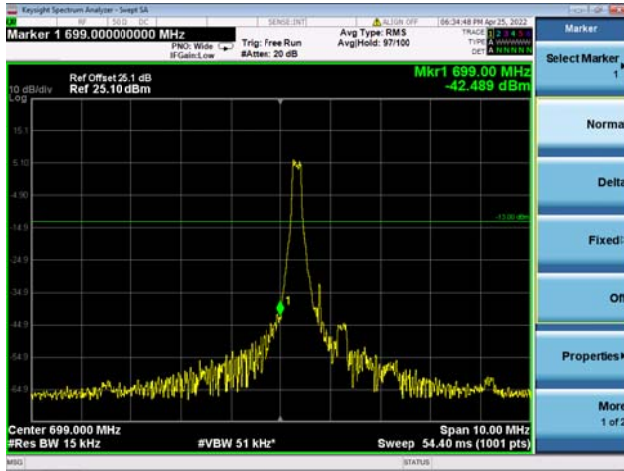
Band 12 / 1.4MHz / High CH / QPSK / FULL RB



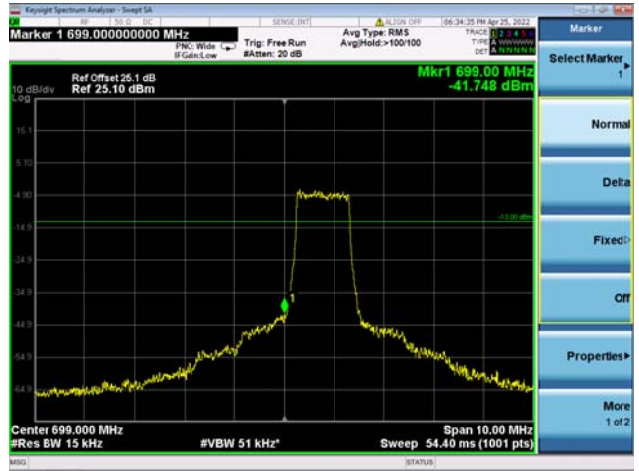




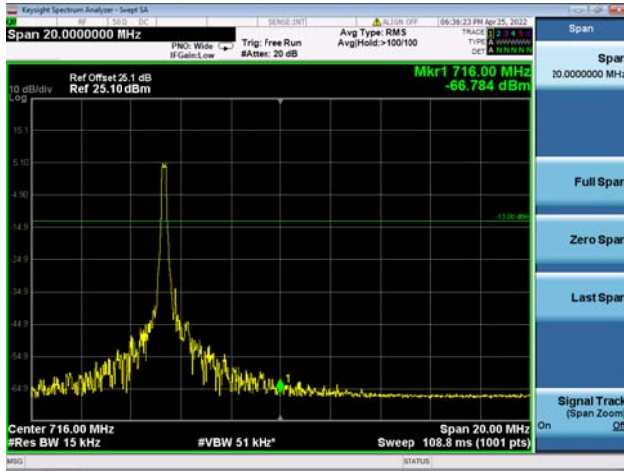
Band 12 / 5MHz / Low CH / QPSK / 1 RB



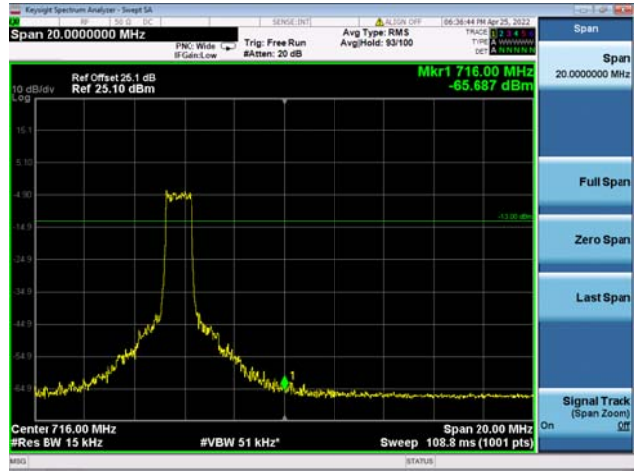
Band 12 / 5MHz / Low CH / QPSK / FULL RB



Band 12 / 5MHz / High CH / QPSK / 1 RB

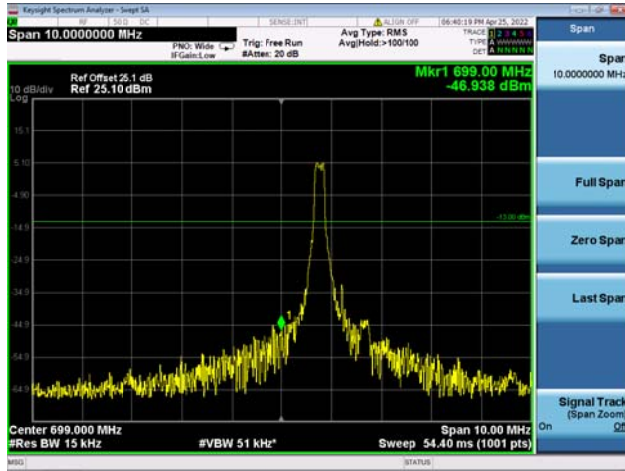


Band 12 / 5MHz / High CH / QPSK / FULL RB

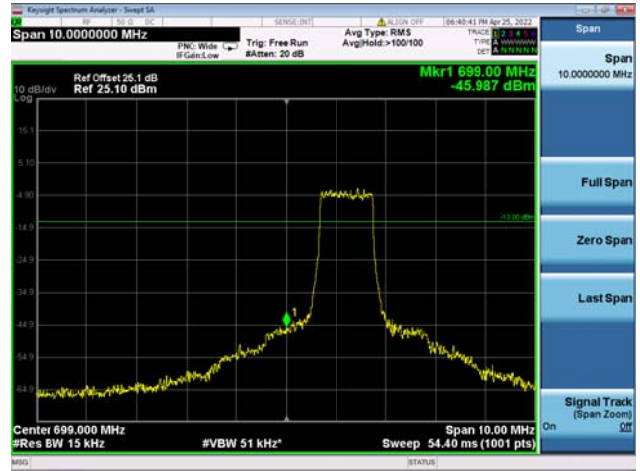




Band 12 / 10MHz / Low CH / QPSK / 1 RB



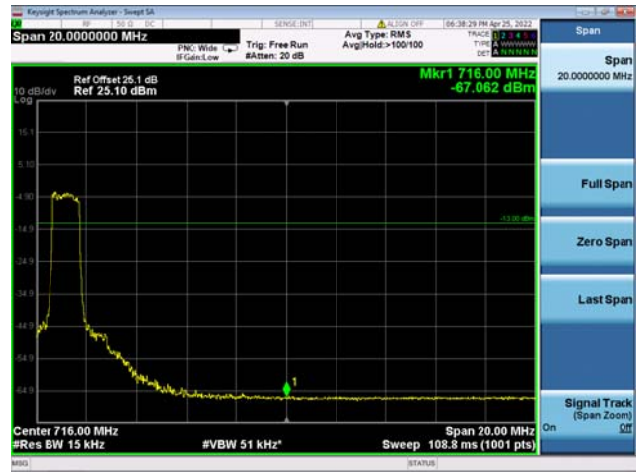
Band 12 / 10MHz / Low CH / QPSK / FULL RB



Band 12 / 10MHz / High CH / QPSK / 1 RB

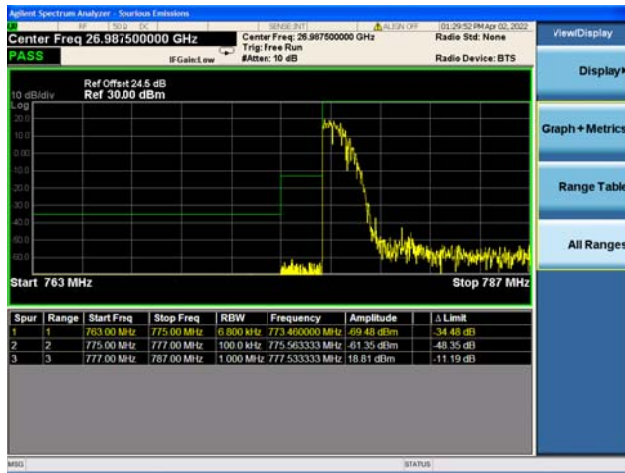


Band 12 / 10MHz / High CH / QPSK / FULL RB

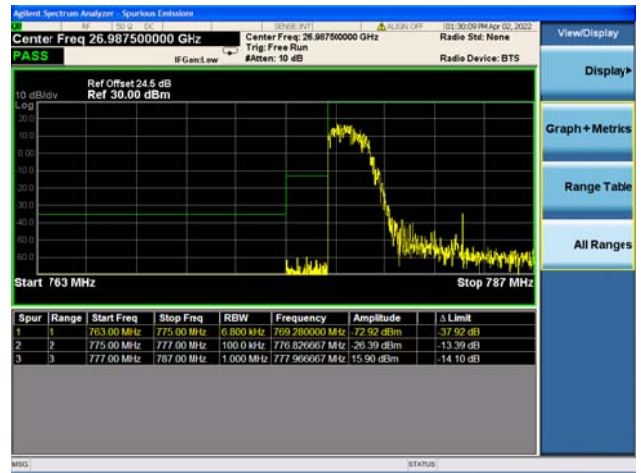




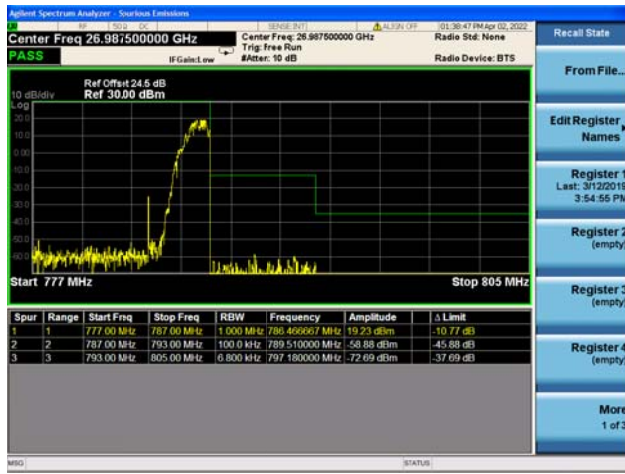
Band 13 / 5MHz / Low CH / QPSK / 1 RB



Band 13 / 5MHz / Low CH / QPSK / FULL RB



Band 13 / 5MHz / High CH / QPSK / 1 RB



Band 13 / 5MHz / High CH / QPSK / FULL RB

