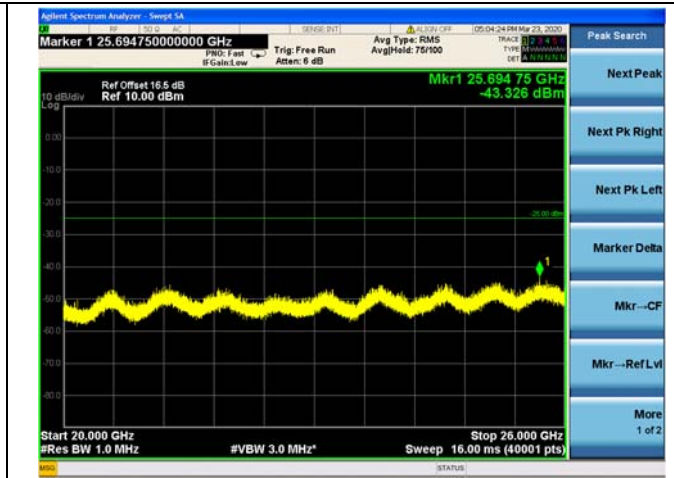
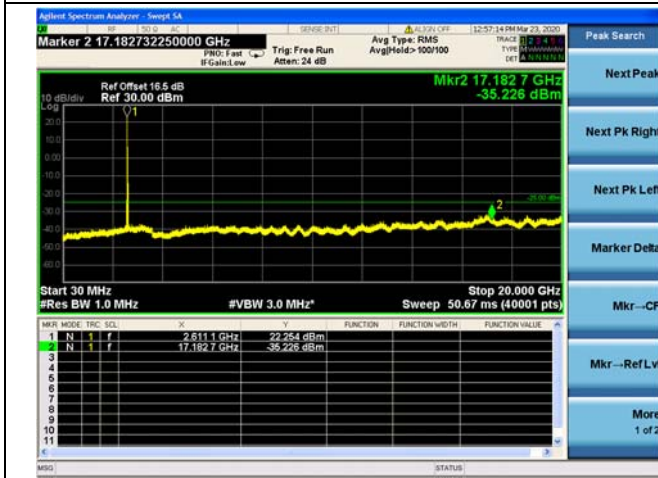
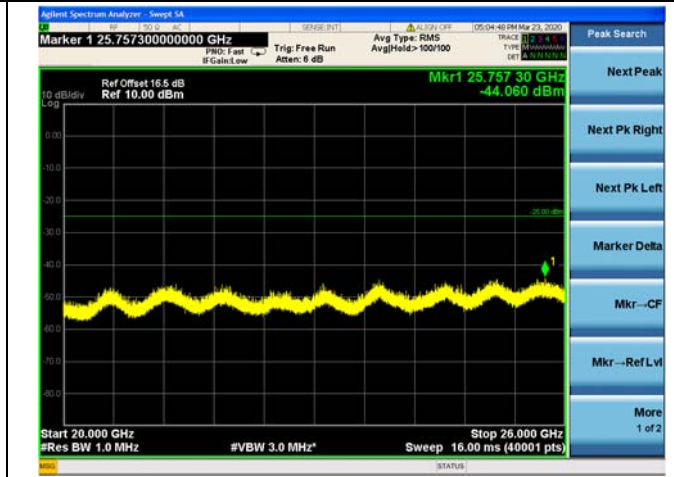
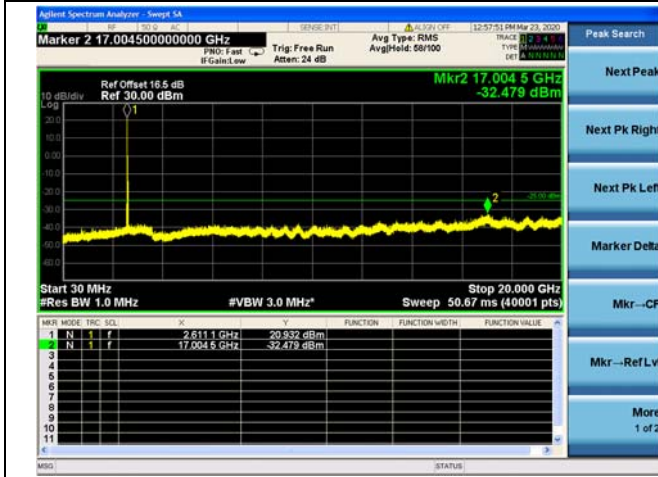




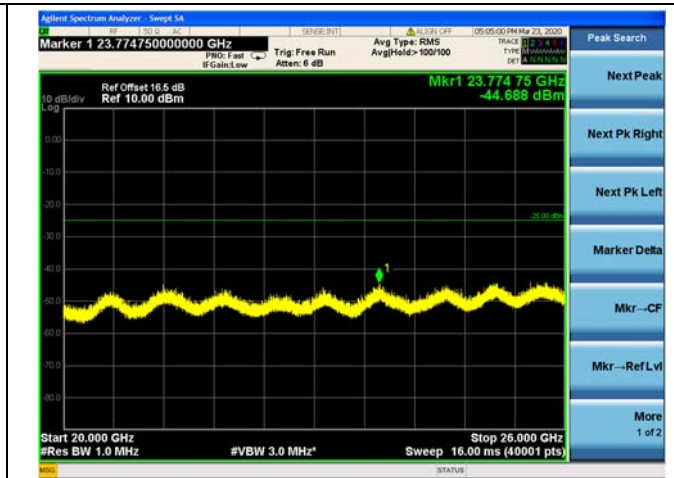
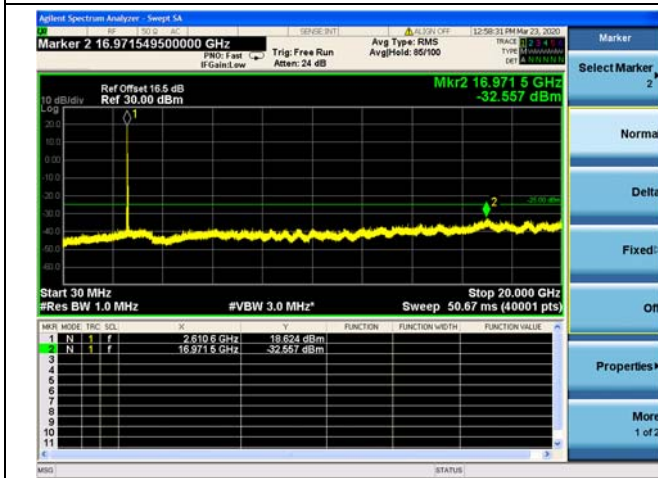
### 80MHz/ 16QAM / High CH



### 80MHz/ 64QAM / High CH

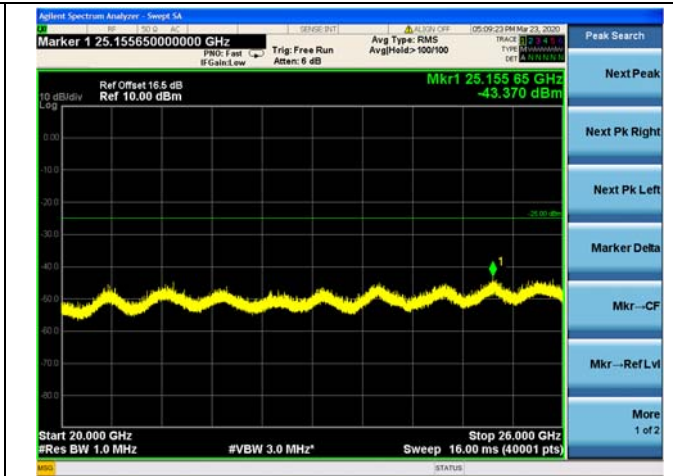
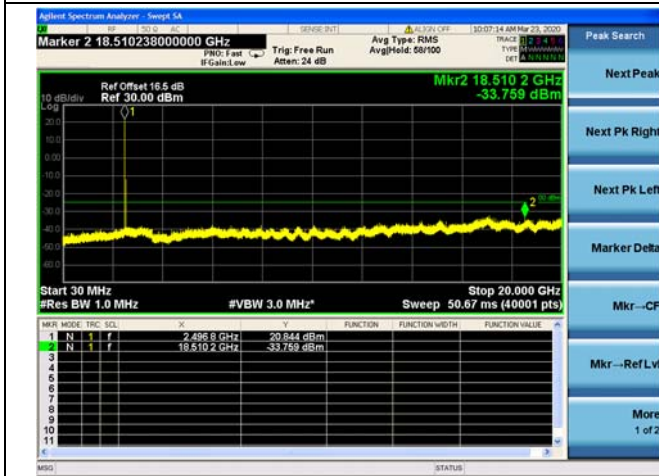


### 80MHz/ 256QAM / High CH

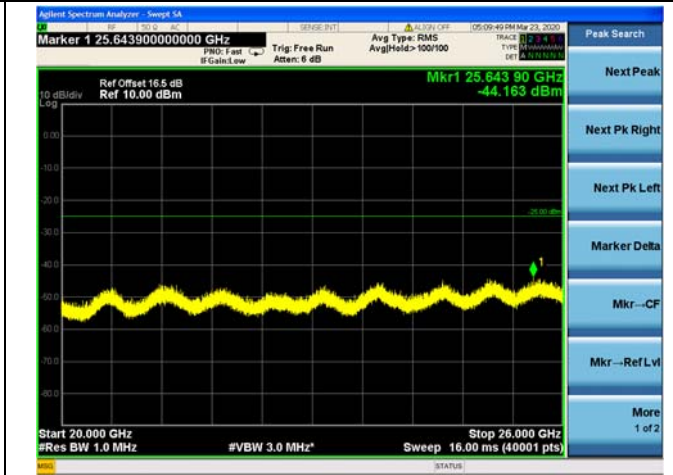
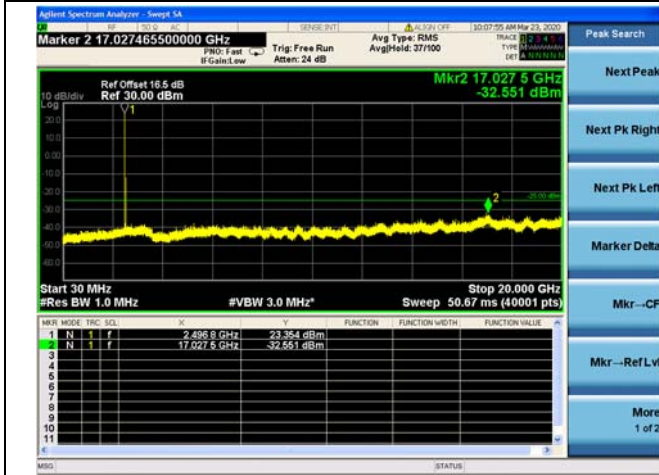




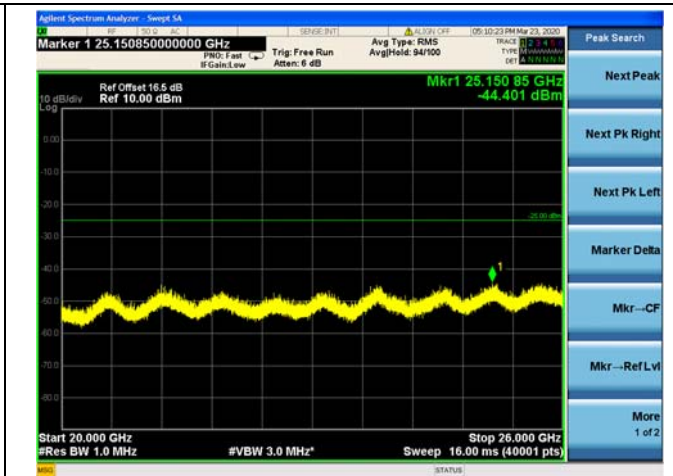
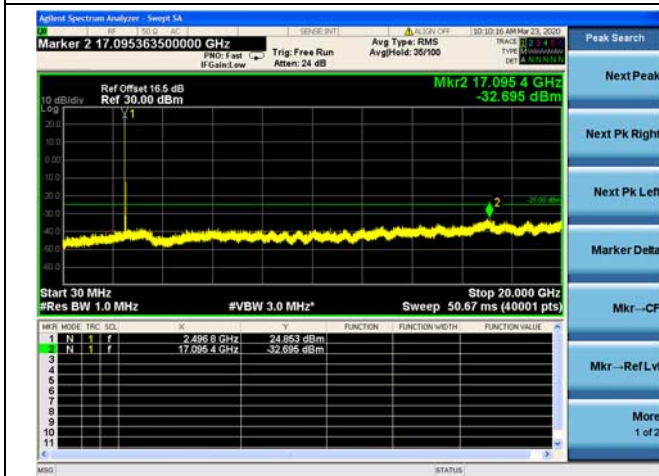
100MHz/ QPSK / Low CH



100MHz/ 16QAM / Low CH



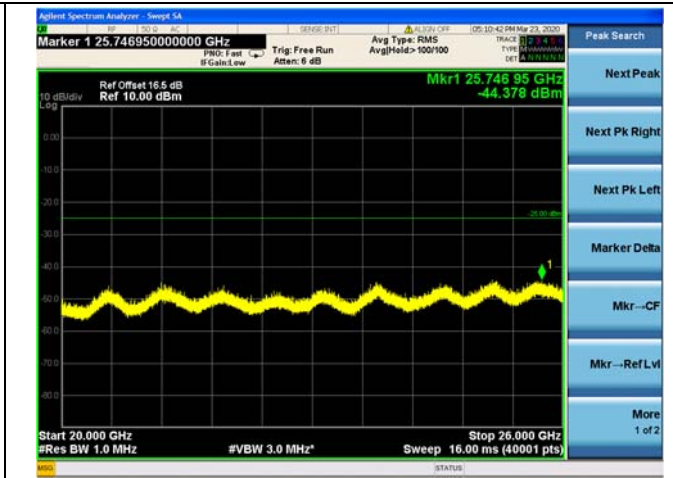
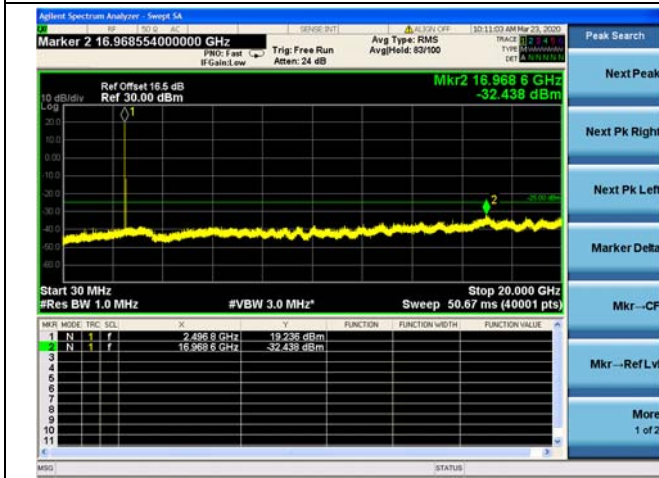
100MHz/ 64QAM / Low CH



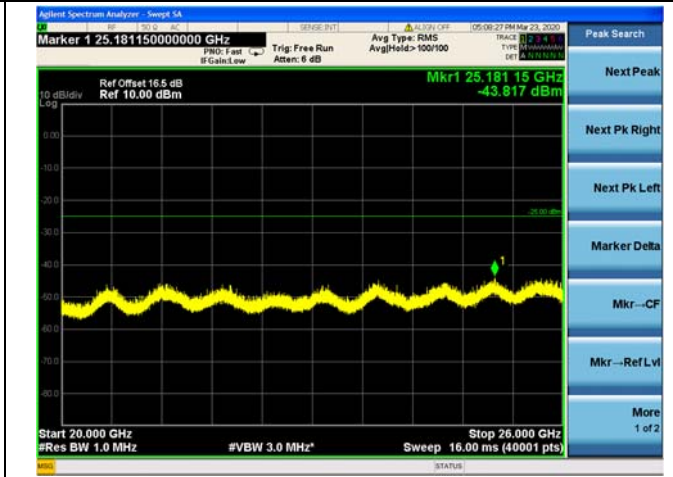
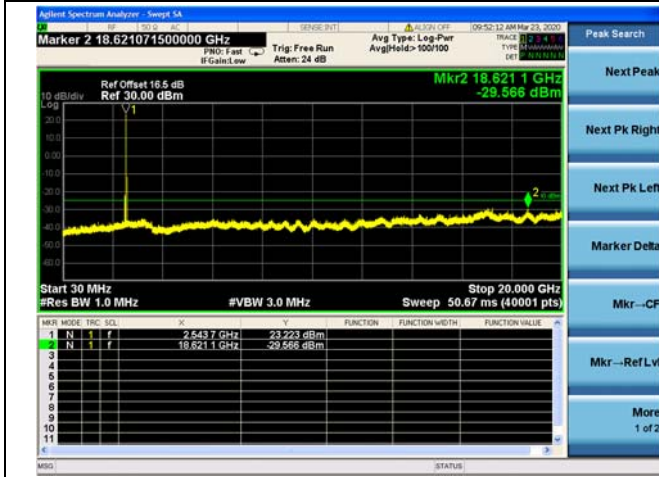




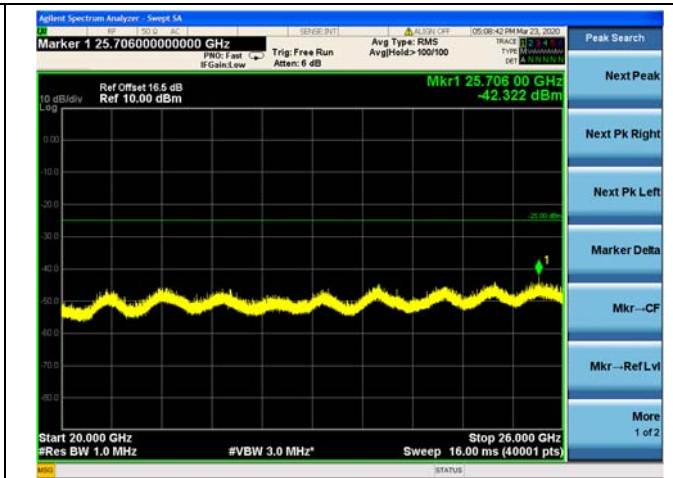
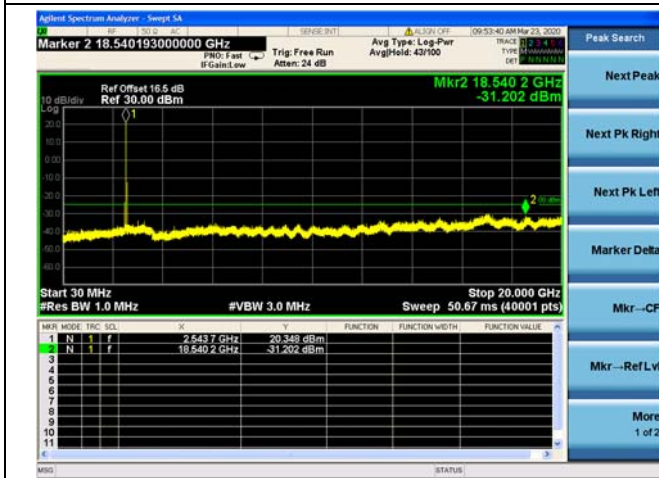
100MHz/ 256QAM / Low CH



100MHz/ QPSK / Mid CH

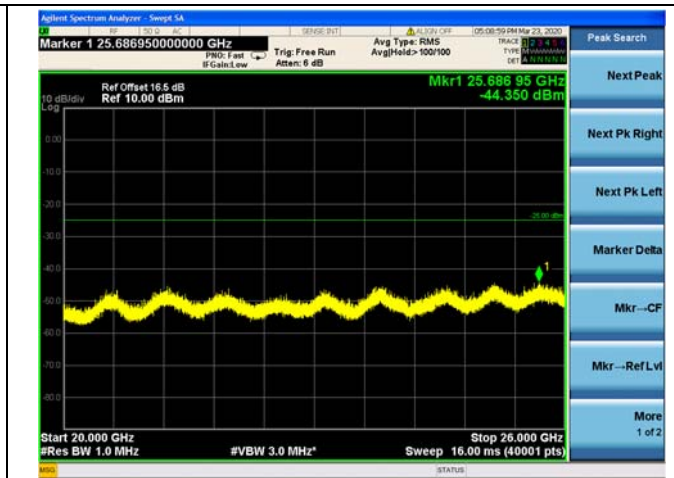
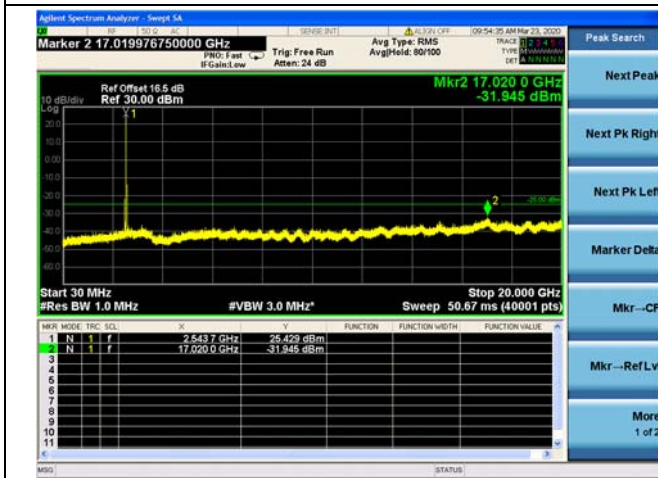


100MHz/ 16QAM / Mid CH

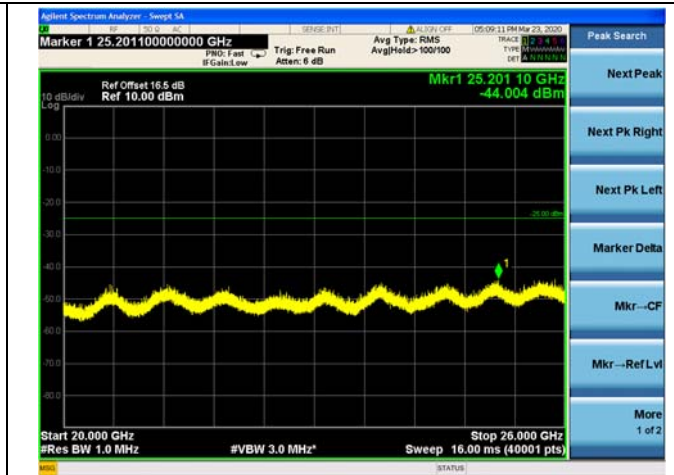
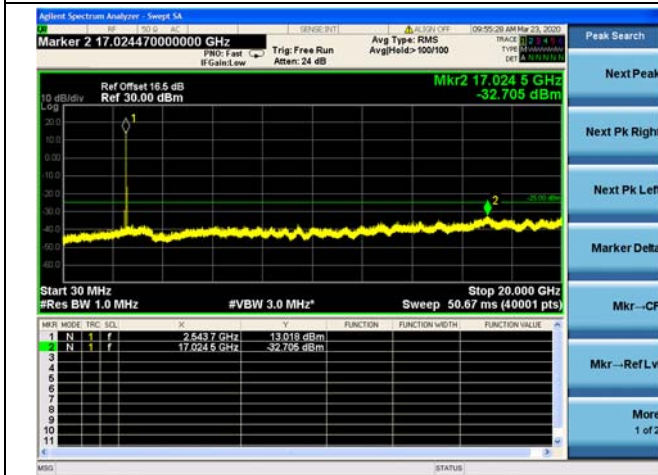




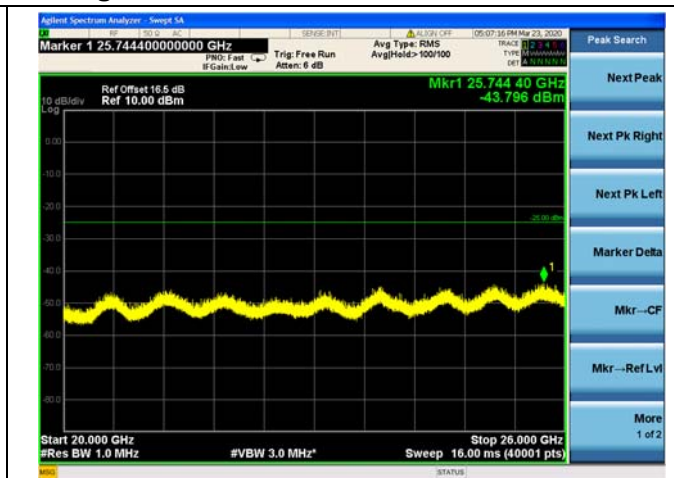
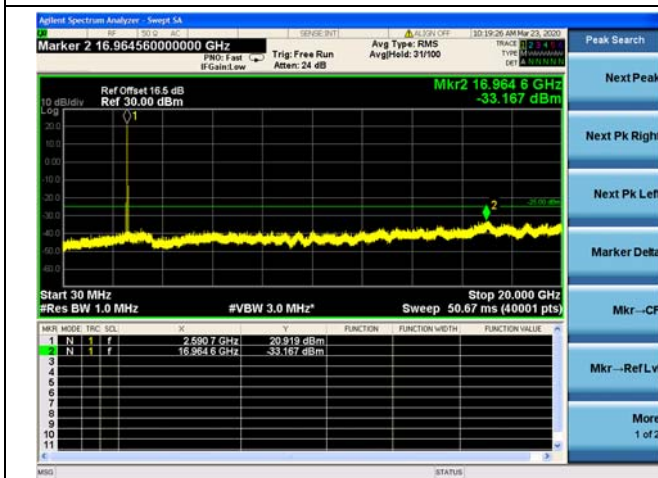
100MHz/ 64QAM / Mid CH



100MHz/ 256QAM / Mid CH



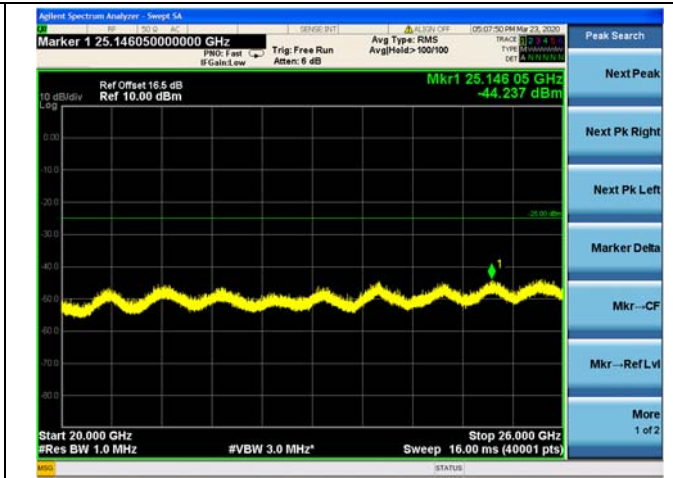
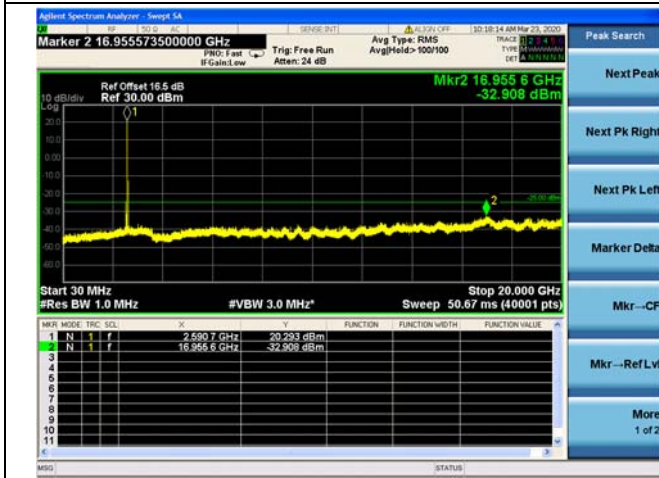
100MHz/ QPSK / High CH



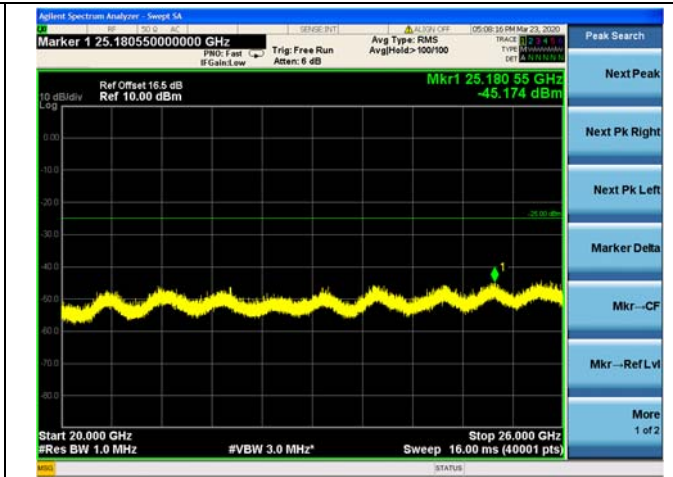
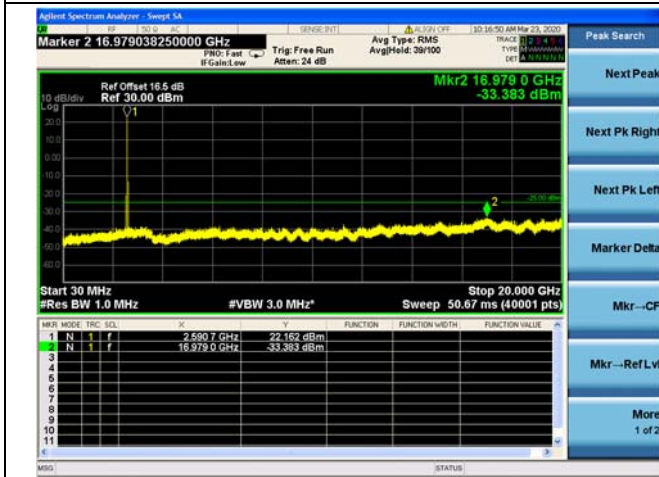




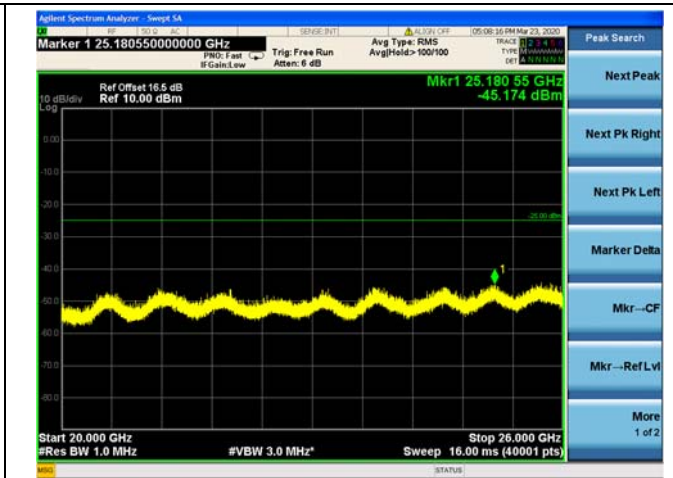
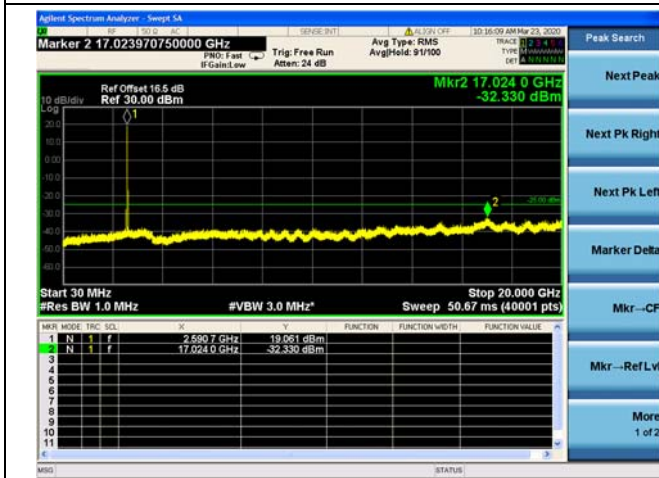
100MHz/ 16QAM / High CH



100MHz/ 64QAM / High CH



100MHz/ 256QAM / High CH



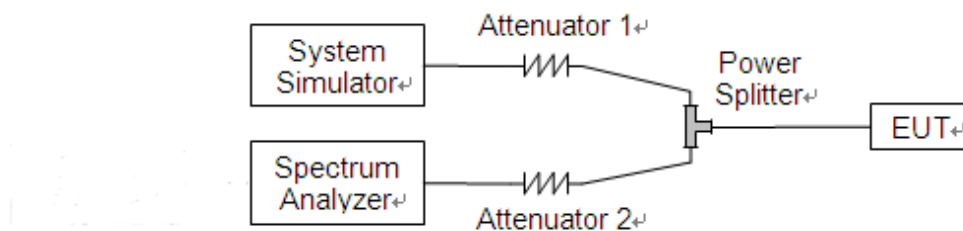
## 2.5. Band Edge

### 2.5.1. Requirement

According to FCC section 22.917(a), 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.

According to FCC section 27.53(m) (4), For mobile digital stations, the attenuation factor shall be not less than  $40 + 10 \log(P)$  dB on all frequencies between the channel edge and 5 megahertz from the channel edge,  $43 + 10 \log(P)$  dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and  $55 + 10 \log(P)$  dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than  $43 + 10 \log(P)$  dB on all frequencies between 2490.5 MHz and 2496 MHz and  $55 + 10 \log(P)$  dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

### 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 50 Ohm; 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

The center frequency of spectrum is the band edge frequency and span is 2MHz, Record the max trace into the test report.



NR Band n41 (DFT-s-OFDM)

