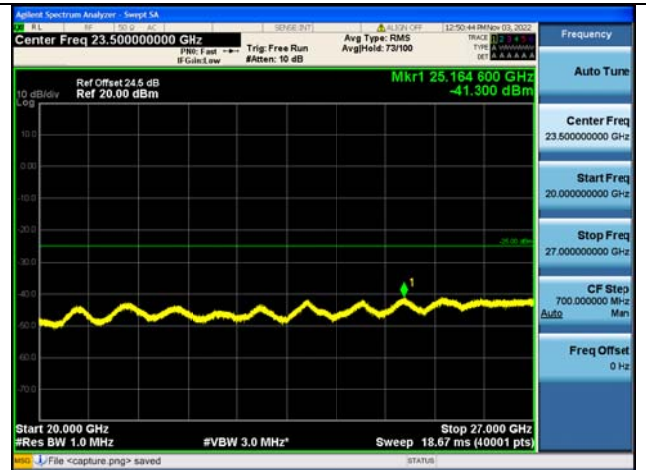
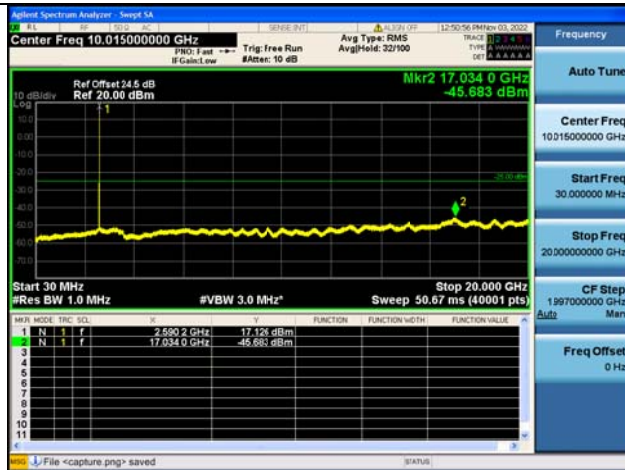


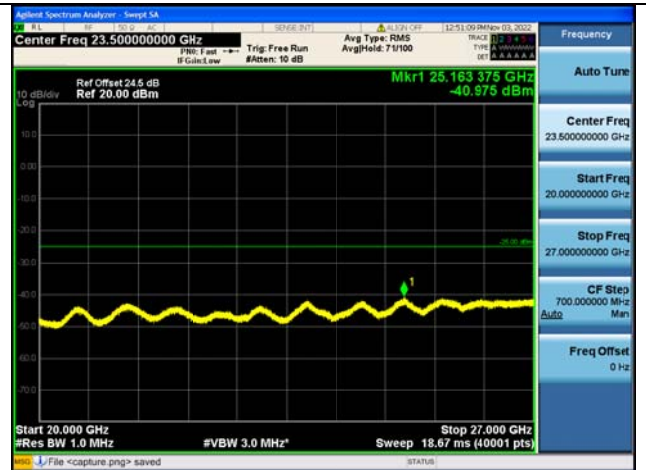
Band41C-30M-20G / 10MHz+15MHz  
/1RB+1RB/ QPSK / Mid CH



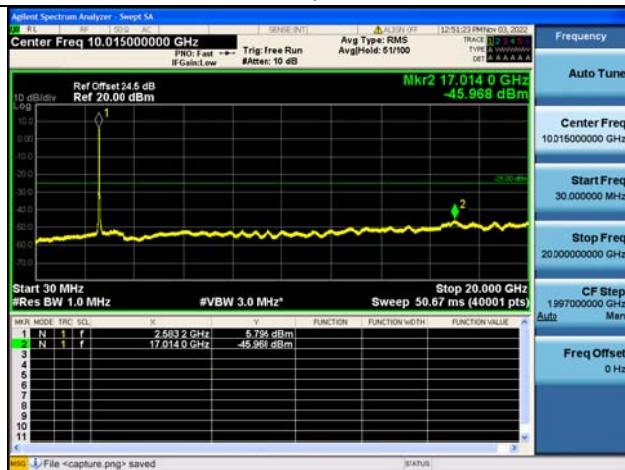
Band41C-20G-27G / 10MHz+15MHz  
/1RB+1RB/ QPSK / Mid CH



Band41C-30M-20G / 10MHz+15MHz  
/1RB+1RB/ QPSK / Mid CH



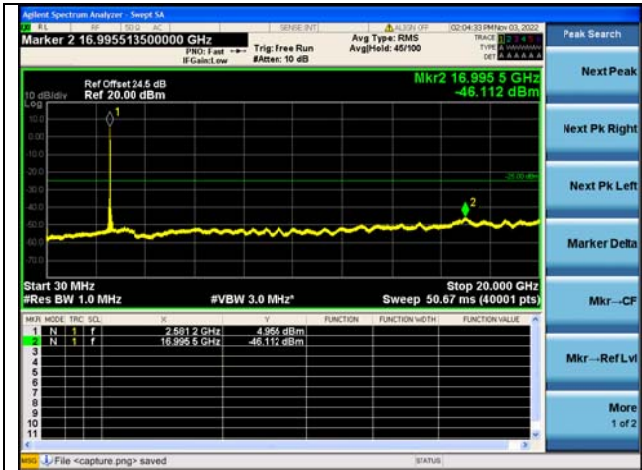
Band41C-20G-27G / 10MHz+15MHz  
/1RB+1RB/ QPSK / Mid CH



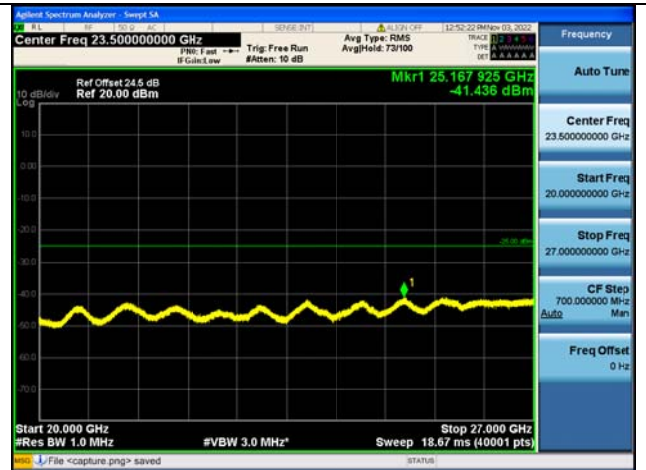
Band41C-30M-20G / 10MHz+15MHz  
/50RB+75RB/ QPSK / Mid CH



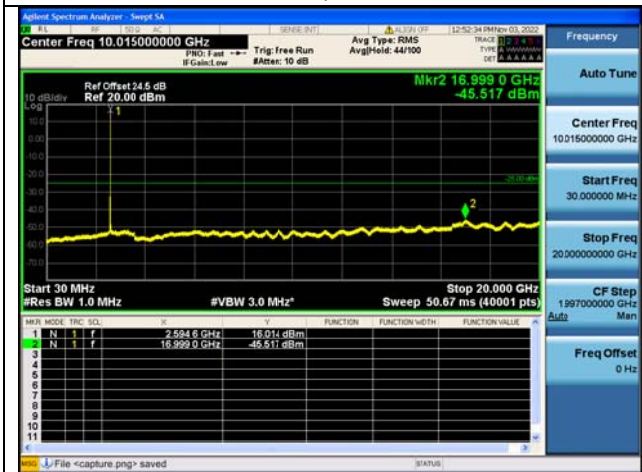
Band41C-20G-27G / 10MHz+15MHz  
/50RB+75RB/ QPSK / Mid CH



Band41C-30M-20G / 15MHz+10MHz / 1RB+1RB/ QPSK / Mid CH



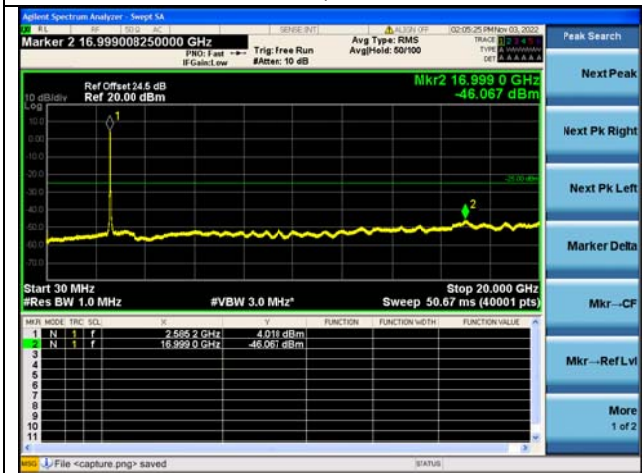
Band41C-20G-27G / 15MHz+10MHz / 1RB+1RB/ QPSK / Mid CH



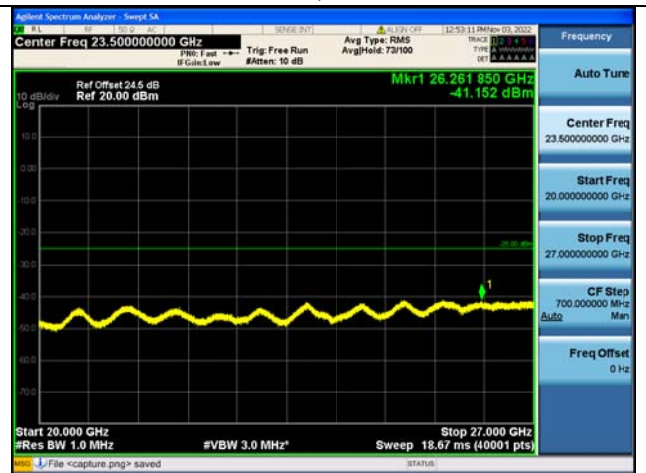
Band41C-30M-20G / 15MHz+10MHz / 1RB+1RB/ QPSK / Mid CH



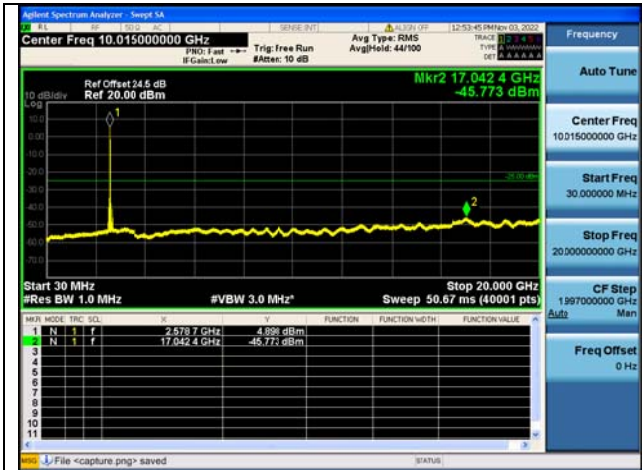
Band41C-20G-27G / 15MHz+10MHz / 1RB+1RB/ QPSK / Mid CH



Band41C-30M-20G / 15MHz+10MHz / 75RB+50RB/ QPSK / Mid CH



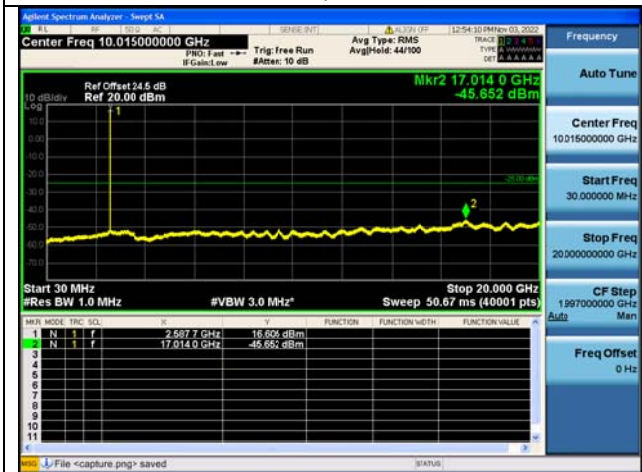
Band41C-20G-27G / 15MHz+10MHz / 75RB+50RB/ QPSK / Mid CH



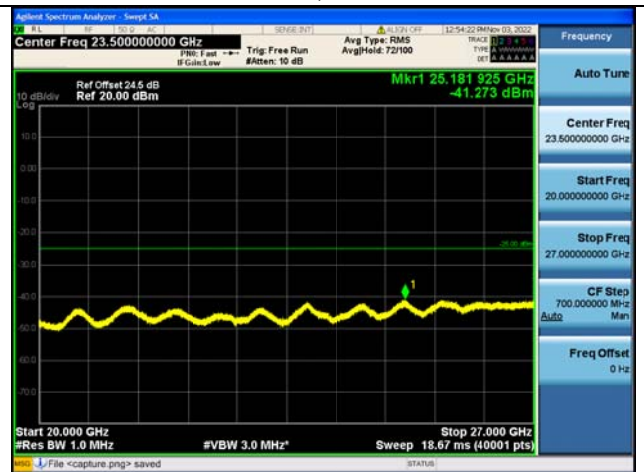
Band41C-30M-20G / 10MHz+20MHz / 1RB+1RB/ QPSK / Mid CH



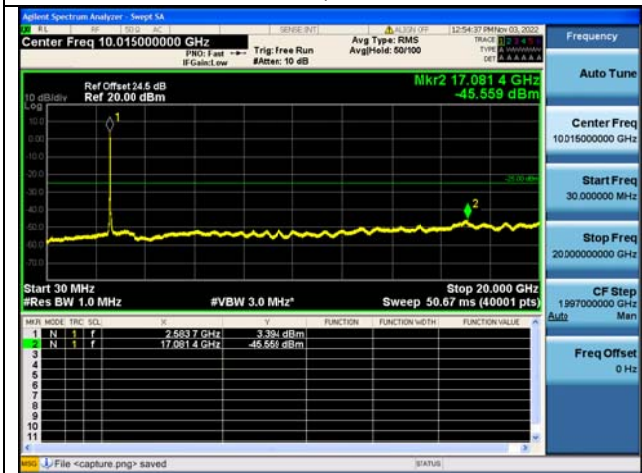
Band41C-20G-27G / 10MHz+20MHz / 1RB+1RB/ QPSK / Mid CH



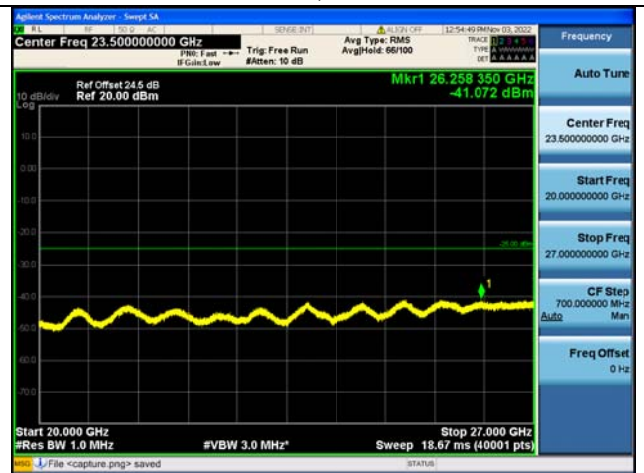
Band41C-30M-20G / 10MHz+20MHz / 1RB+1RB/ QPSK / Mid CH



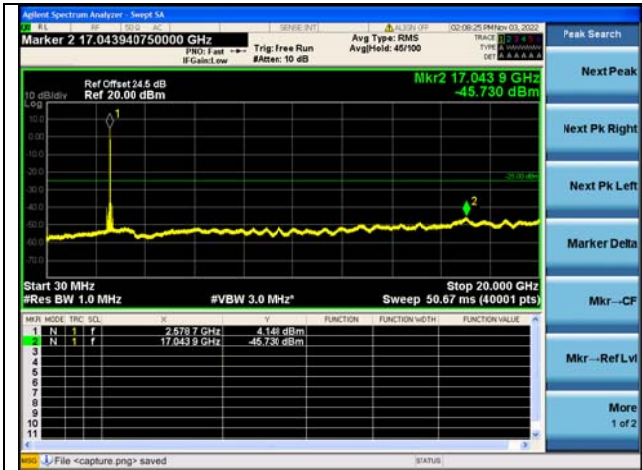
Band41C-20G-27G / 10MHz+20MHz / 1RB+1RB/ QPSK / Mid CH



Band41C-30M-20G / 10MHz+20MHz / 50RB+100RB/ QPSK / Mid CH



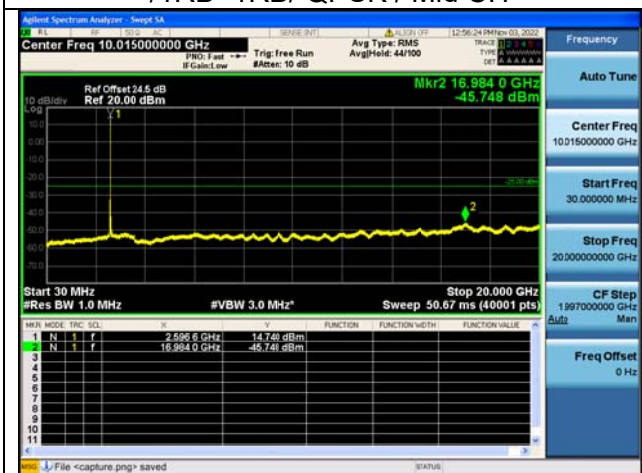
Band41C-20G-27G / 10MHz+20MHz / 50RB+100RB/ QPSK / Mid CH



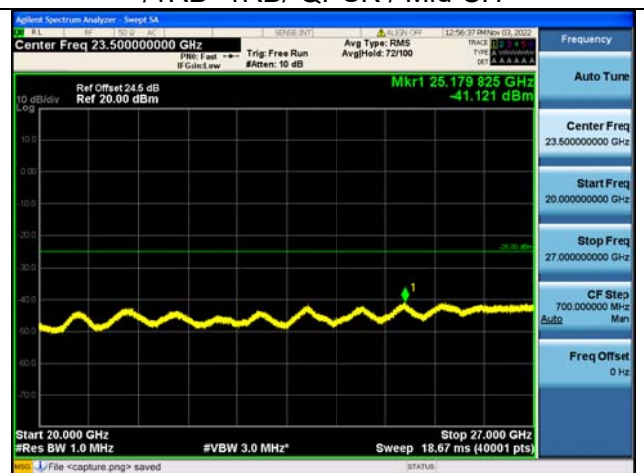
Band41C-30M-20G / 20MHz+10MHz / 1RB+1RB/ QPSK / Mid CH



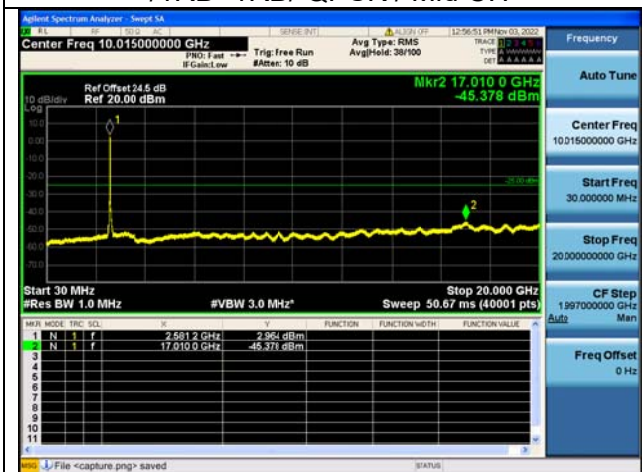
Band41C-20G-27G / 20MHz+10MHz / 1RB+1RB/ QPSK / Mid CH



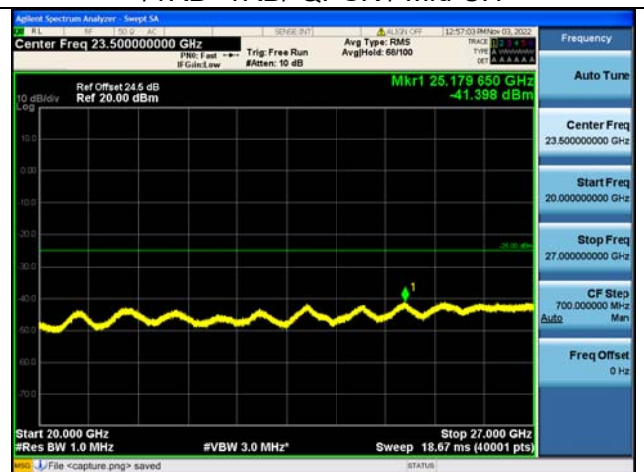
Band41C-30M-20G / 20MHz+10MHz / 1RB+1RB/ QPSK / Mid CH



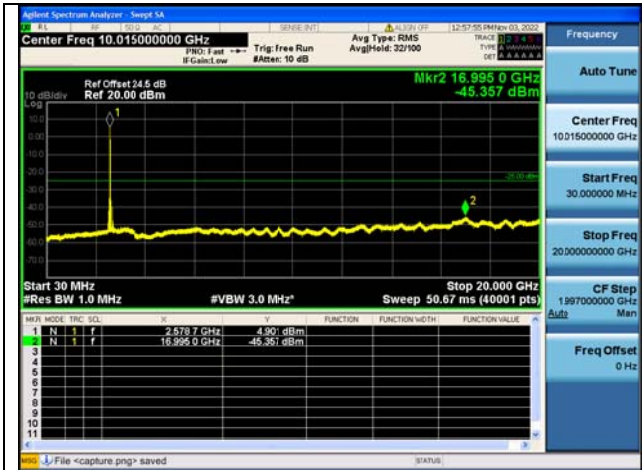
Band41C-20G-27G / 20MHz+10MHz / 1RB+1RB/ QPSK / Mid CH



Band41C-30M-20G / 20MHz+10MHz / 100RB+50RB/ QPSK / Mid CH



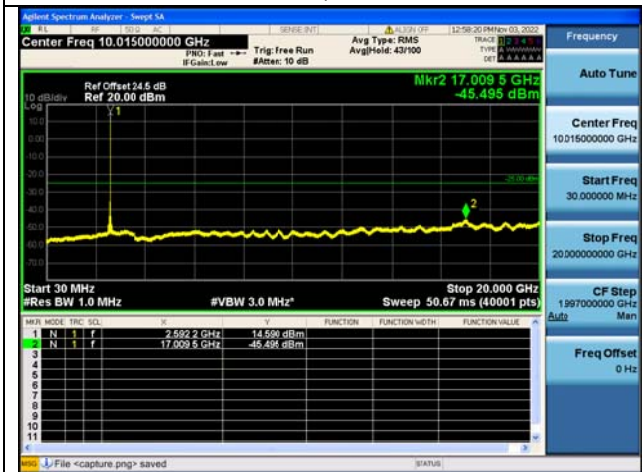
Band41C-20G-27G / 20MHz+10MHz / 100RB+50RB/ QPSK / Mid CH



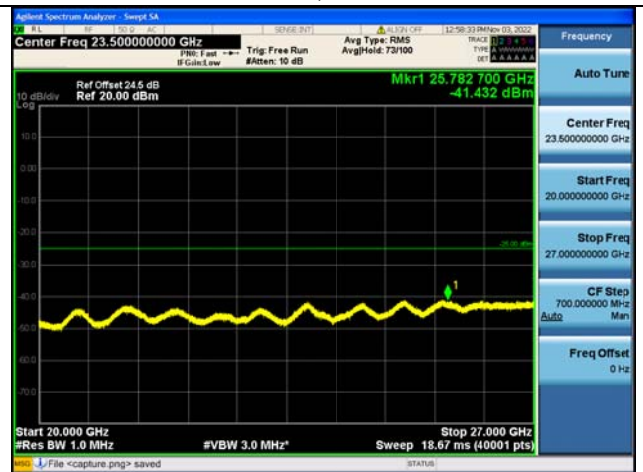
Band41C-30M-20G / 15MHz+15MHz / 1RB+1RB/ QPSK / Mid CH



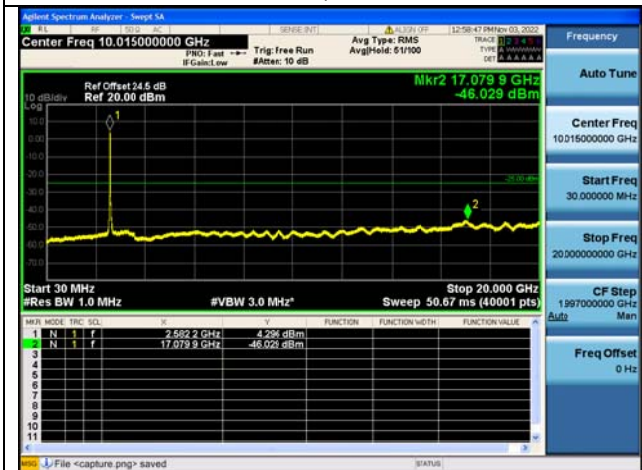
Band41C-20G-27G / 15MHz+15MHz / 1RB+1RB/ QPSK / Mid CH



Band41C-30M-20G / 15MHz+15MHz / 1RB+1RB/ QPSK / Mid CH



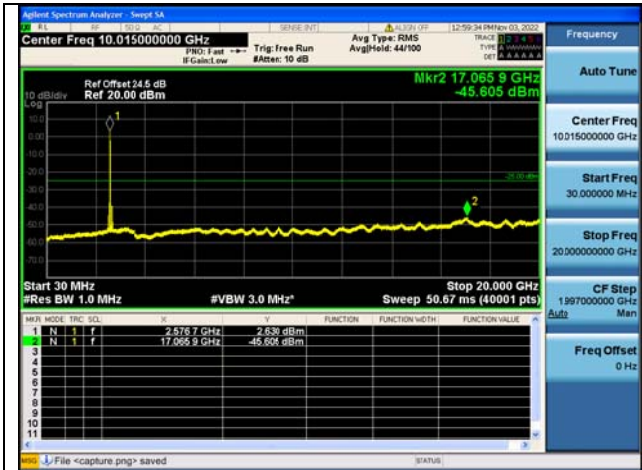
Band41C-20G-27G / 15MHz+15MHz / 1RB+1RB/ QPSK / Mid CH



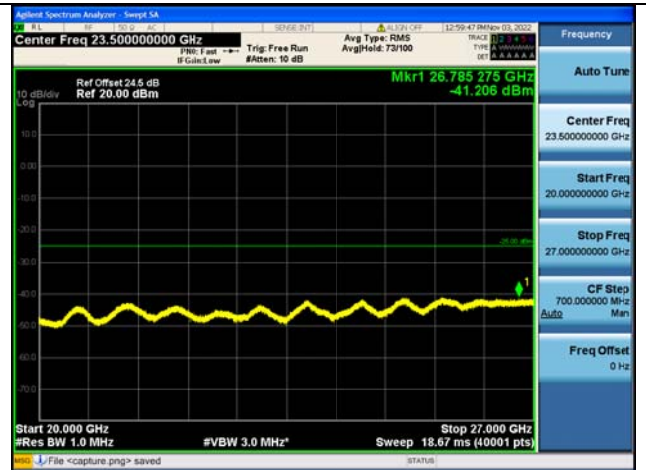
Band41C-30M-20G / 15MHz+15MHz / 75RB+75RB/ QPSK / Mid CH



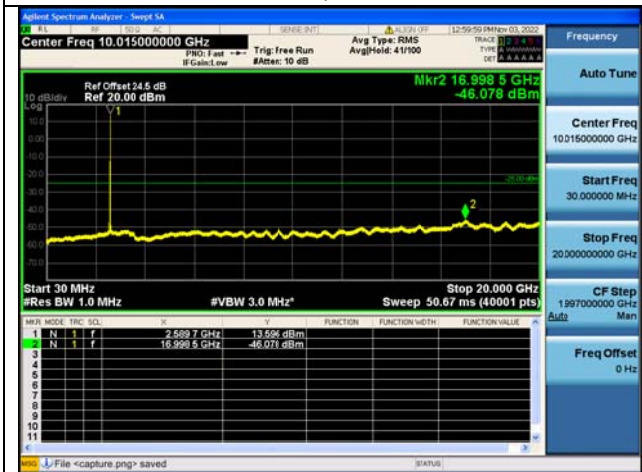
Band41C-20G-27G / 15MHz+15MHz / 75RB+75RB/ QPSK / Mid CH



Band41C-30M-20G / 15MHz+20MHz / 1RB+1RB/ QPSK / Mid CH



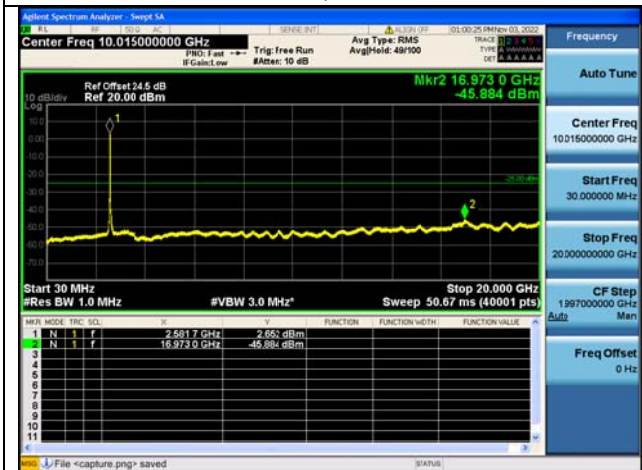
Band41C-20G-27G / 15MHz+20MHz / 1RB+1RB/ QPSK / Mid CH



Band41C-30M-20G / 15MHz+20MHz / 1RB+1RB/ QPSK / Mid CH



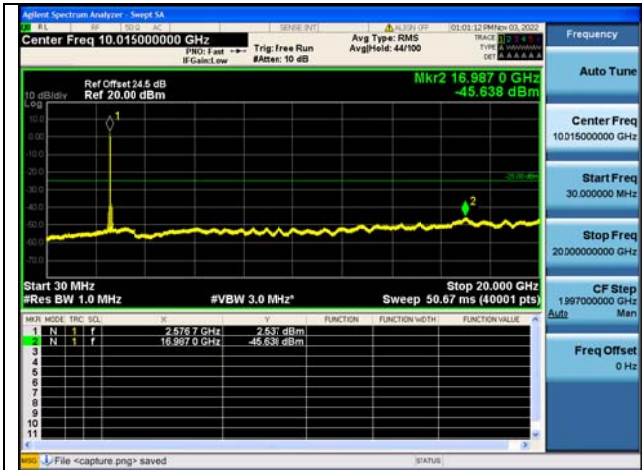
Band41C-20G-27G / 15MHz+20MHz / 1RB+1RB/ QPSK / Mid CH



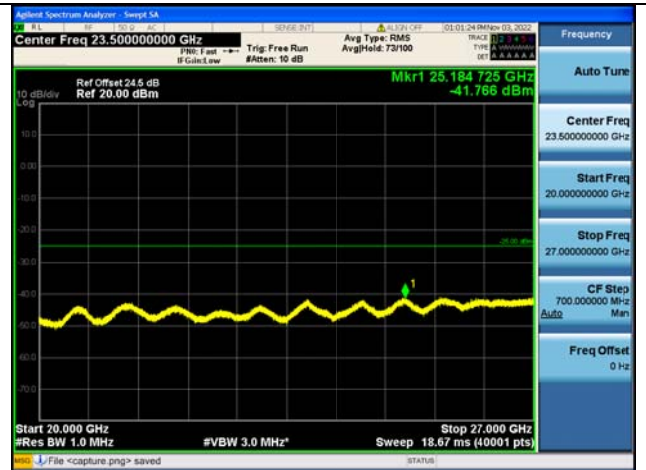
Band41C-30M-20G / 15MHz+20MHz / 75RB+100RB/ QPSK / Mid CH



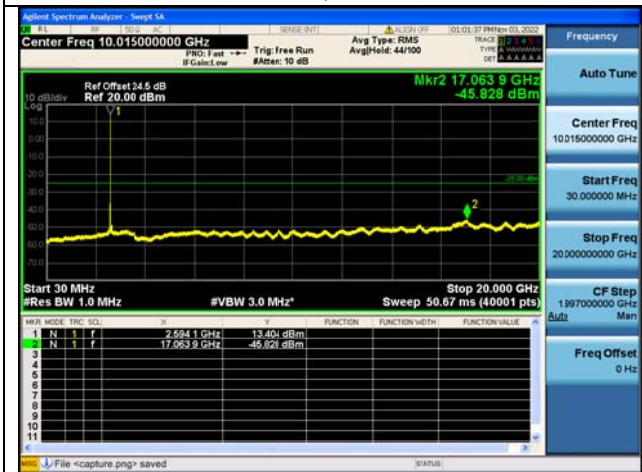
Band41C-20G-27G / 15MHz+20MHz / 75RB+100RB/ QPSK / Mid CH



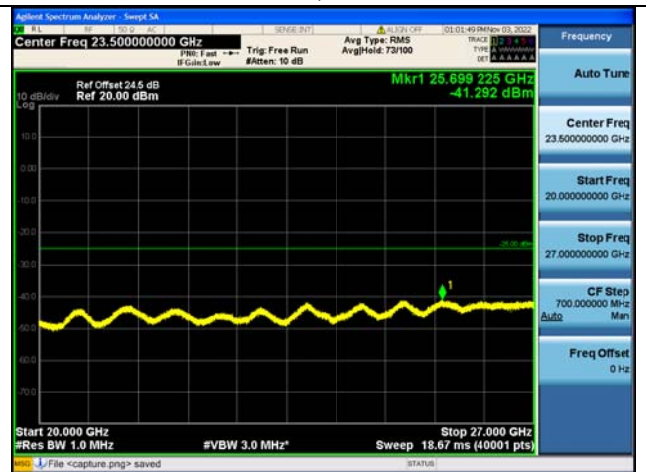
Band41C-30M-20G / 20MHz+15MHz / 1RB+1RB/ QPSK / Mid CH



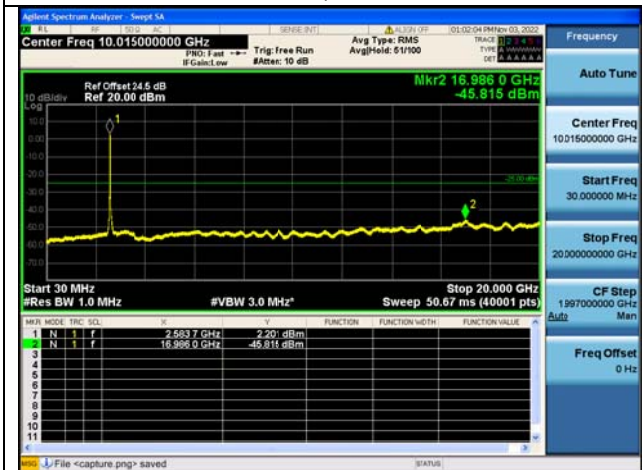
Band41C-20G-27G / 20MHz+15MHz / 1RB+1RB/ QPSK / Mid CH



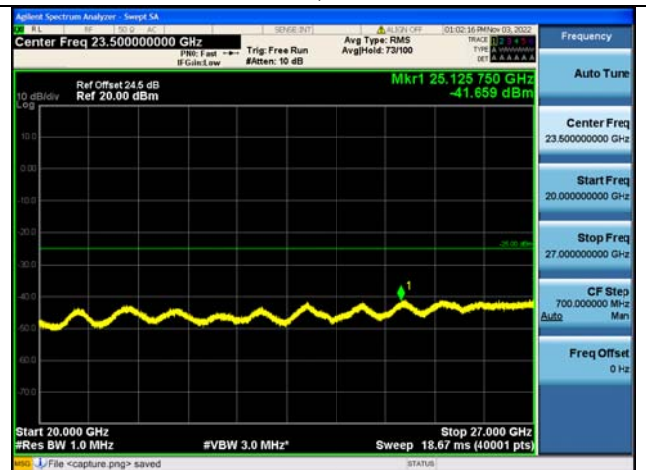
Band41C-30M-20G / 20MHz+15MHz / 1RB+1RB/ QPSK / Mid CH



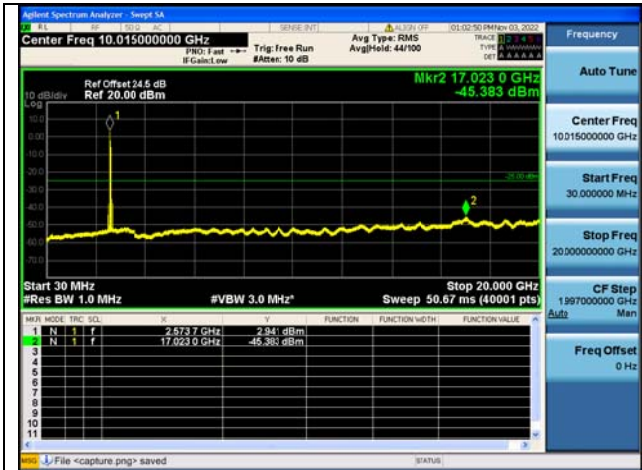
Band41C-20G-27G / 20MHz+15MHz / 1RB+1RB/ QPSK / Mid CH



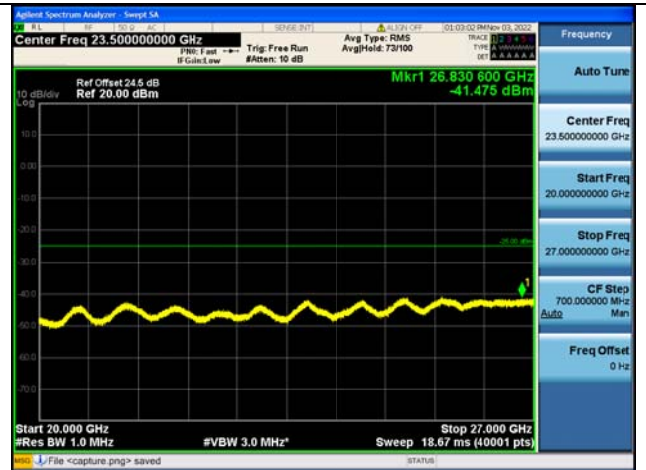
Band41C-30M-20G / 20MHz+15MHz / 100RB+75RB/ QPSK / Mid CH



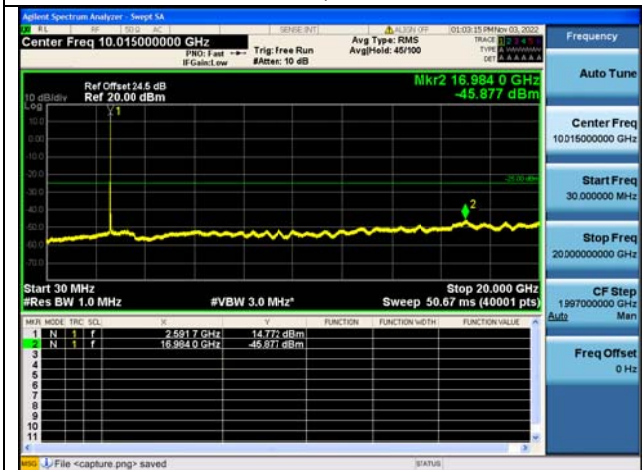
Band41C-20G-27G / 20MHz+15MHz / 100RB+75RB/ QPSK / Mid CH



Band41C-30M-20G / 20MHz+20MHz  
/1RB+1RB/ QPSK / Mid CH



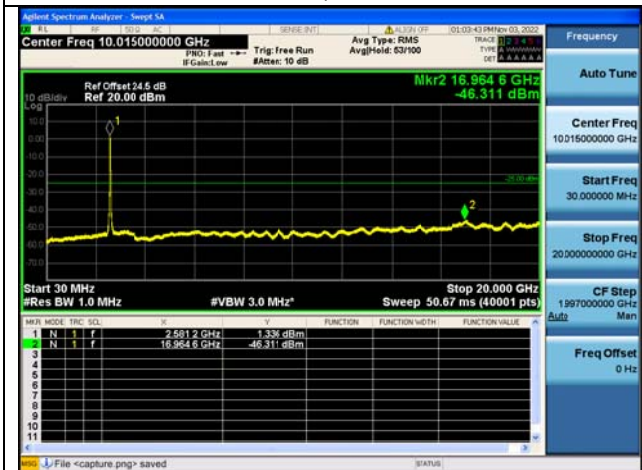
Band41C-20G-27G / 20MHz+20MHz  
/1RB+1RB/ QPSK / Mid CH



Band41C-30M-20G / 20MHz+20MHz  
/1RB+1RB/ QPSK / Mid CH



Band41C-20G-27G / 20MHz+20MHz  
/1RB+1RB/ QPSK / Mid CH

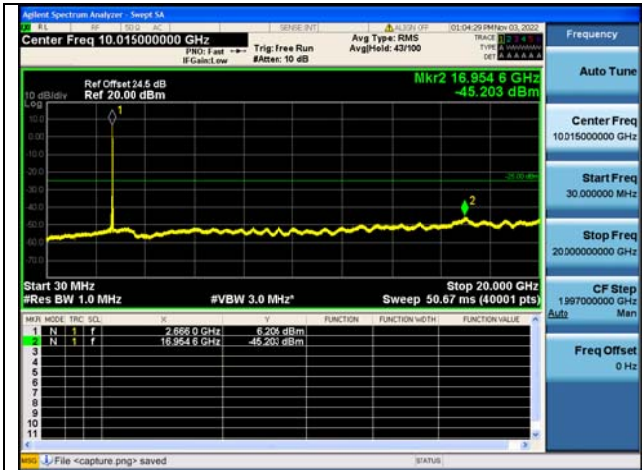


Band41C-30M-20G / 20MHz+20MHz  
/100RB+100RB/ QPSK / Mid CH



Band41C-20G-27G / 20MHz+20MHz  
/100RB+100RB/ QPSK / Mid CH

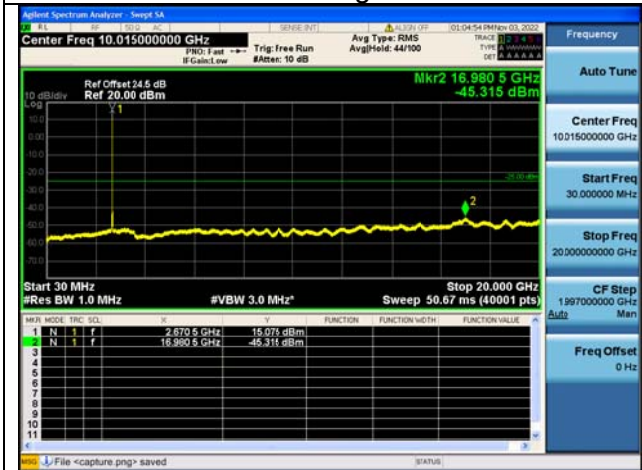




Band41C-30M-20G / 5MHz+20MHz / 1RB+1RB / QPSK / High CH



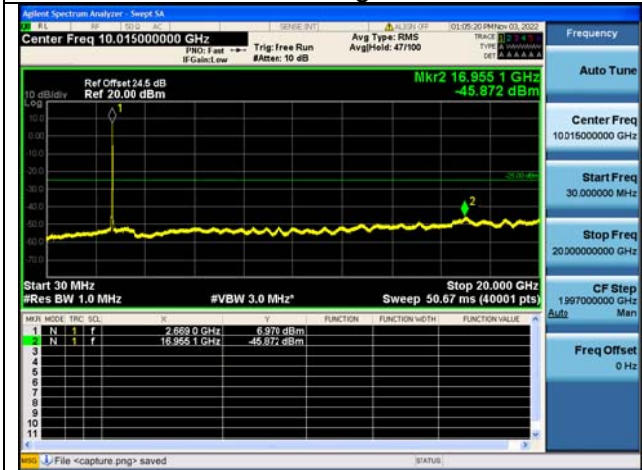
Band41C-20G-27G / 5MHz+20MHz / 1RB+1RB / QPSK / High CH



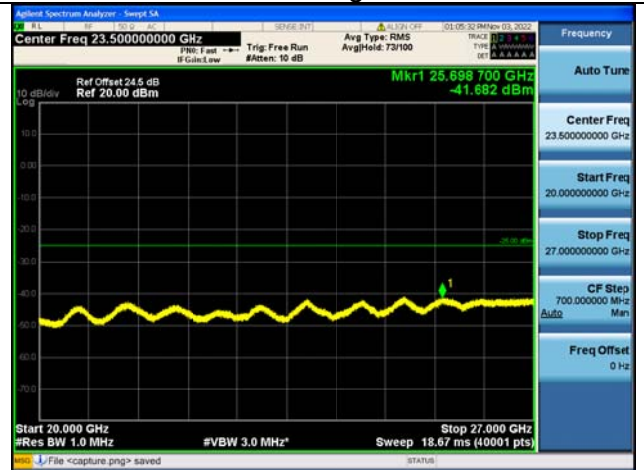
Band41C-30M-20G / 5MHz+20MHz / 1RB+1RB / QPSK / High CH



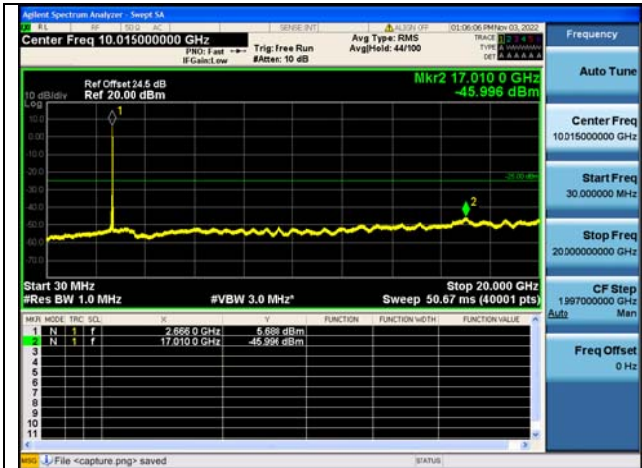
Band41C-20G-27G / 5MHz+20MHz / 1RB+1RB / QPSK / High CH



Band41C-30M-20G / 5MHz+20MHz / 25RB+100RB / QPSK / High CH



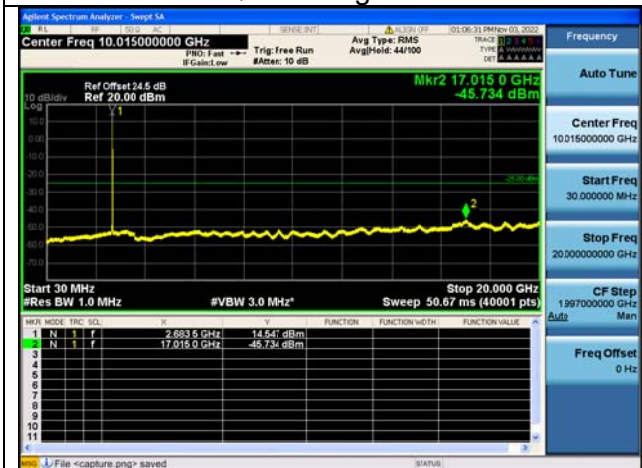
Band41C-20G-27G / 5MHz+20MHz / 25RB+100RB / QPSK / High CH



Band41C-30M-20G / 20MHz+5MHz / 1RB+1RB / QPSK / High CH



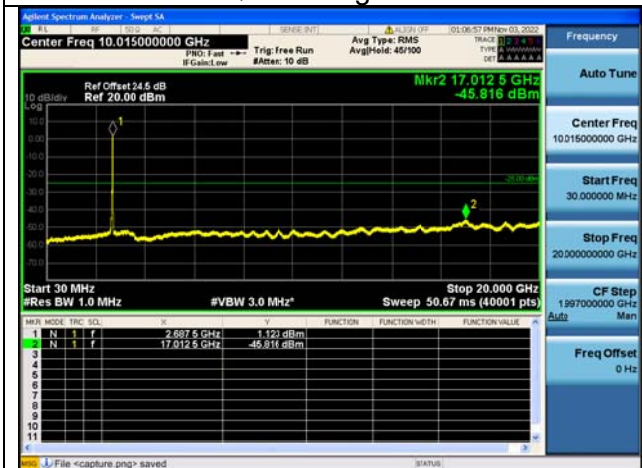
Band41C-20G-27G / 20MHz+5MHz / 1RB+1RB / QPSK / High CH



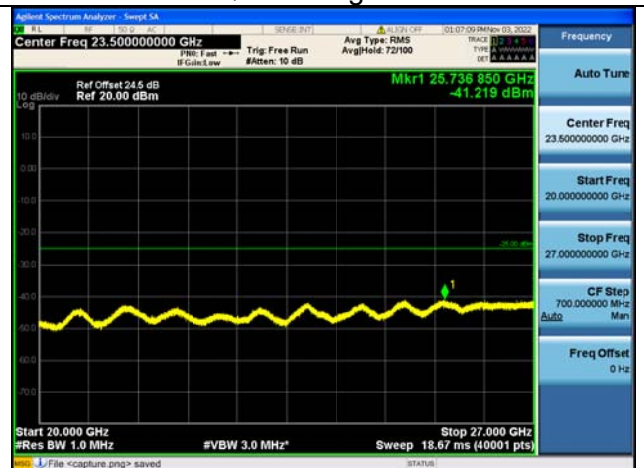
Band41C-30M-20G / 20MHz+5MHz / 1RB+1RB / QPSK / High CH



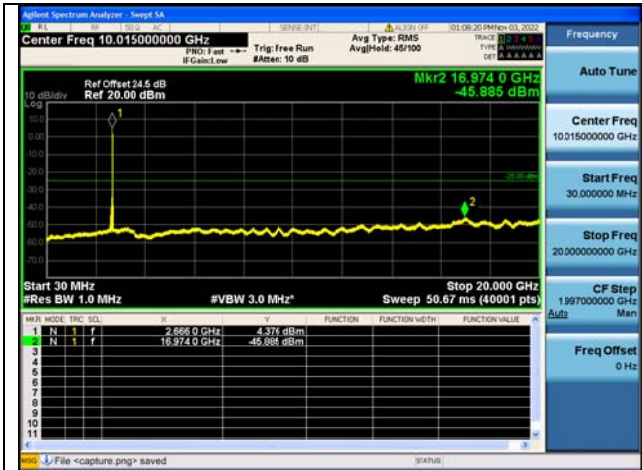
Band41C-20G-27G / 20MHz+5MHz / 1RB+1RB / QPSK / High CH



Band41C-30M-20G / 20MHz+5MHz / 100RB+25RB / QPSK / High CH



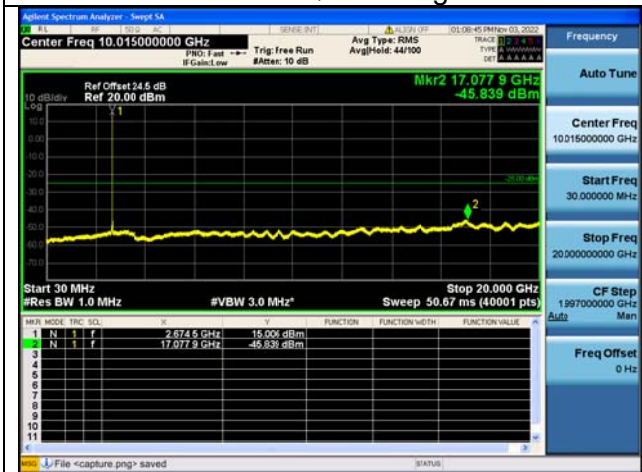
Band41C-20G-27G / 20MHz+5MHz / 100RB+25RB / QPSK / High CH



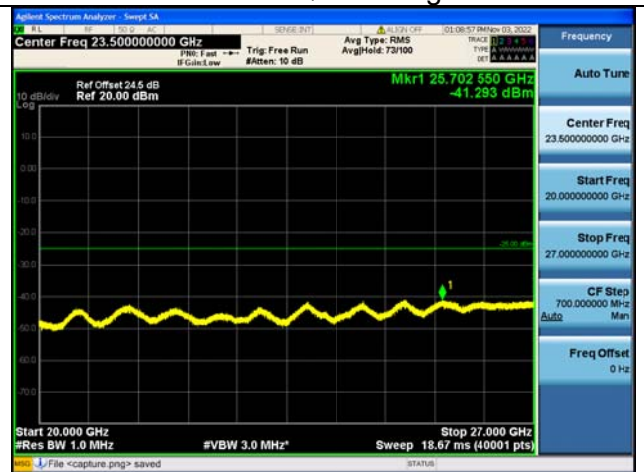
Band41C-30M-20G / 10MHz+15MHz  
/1RB+1RB/ QPSK / High CH



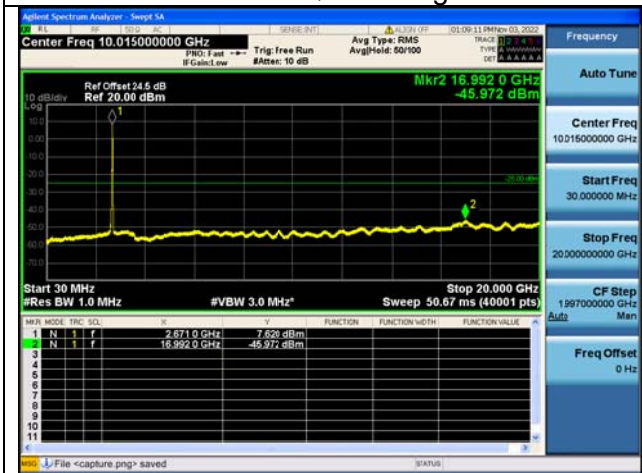
Band41C-20G-27G / 10MHz+15MHz  
/1RB+1RB/ QPSK / High CH



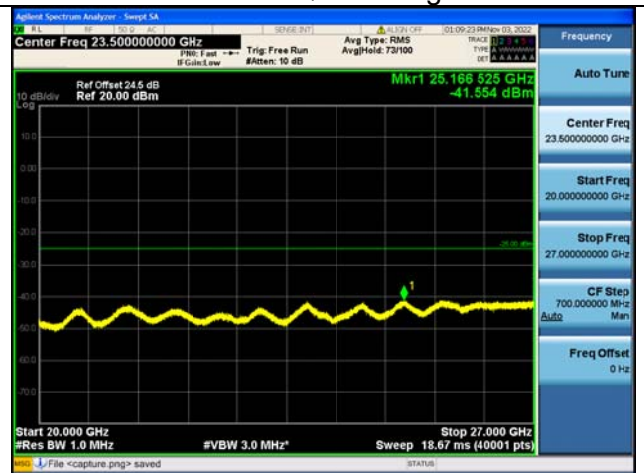
Band41C-30M-20G / 10MHz+15MHz  
/1RB+1RB/ QPSK / High CH



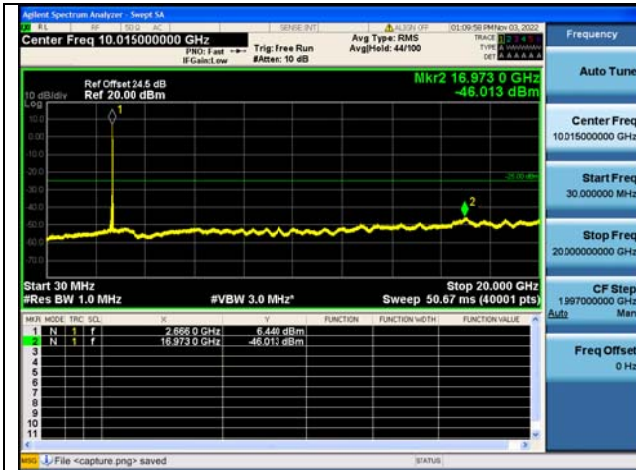
Band41C-20G-27G / 10MHz+15MHz  
/1RB+1RB/ QPSK / High CH



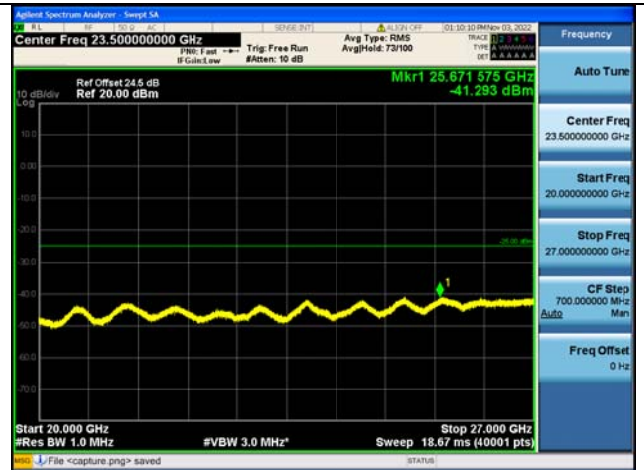
Band41C-30M-20G / 10MHz+15MHz  
/50RB+75RB/ QPSK / High CH



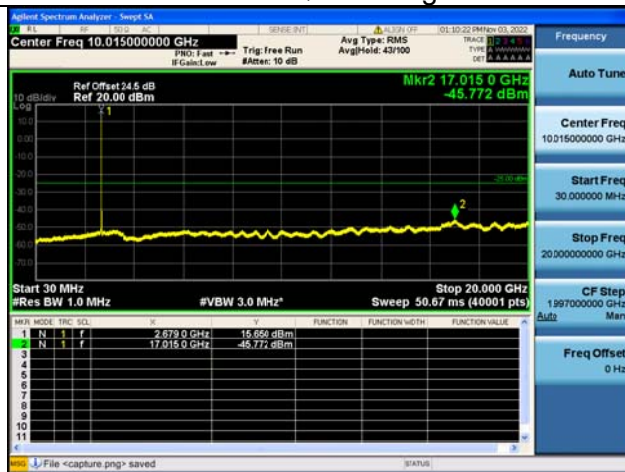
Band41C-20G-27G / 10MHz+15MHz  
/50RB+75RB/ QPSK / High CH



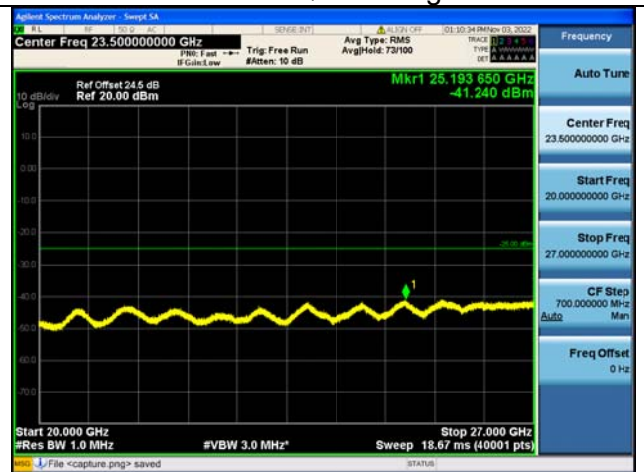
Band41C-30M-20G / 15MHz+10MHz / 1RB+1RB/ QPSK / High CH



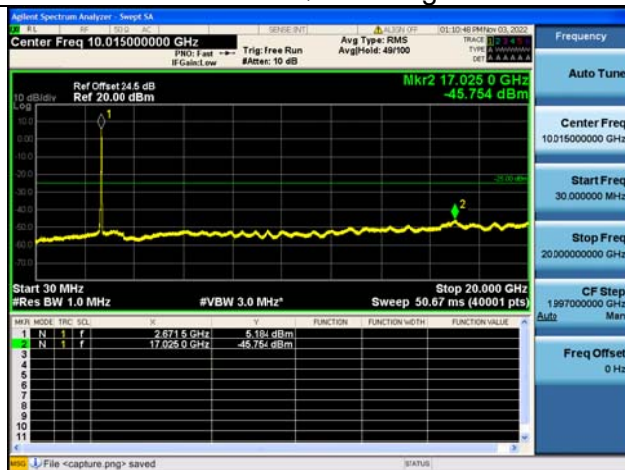
Band41C-20G-27G / 15MHz+10MHz / 1RB+1RB/ QPSK / High CH



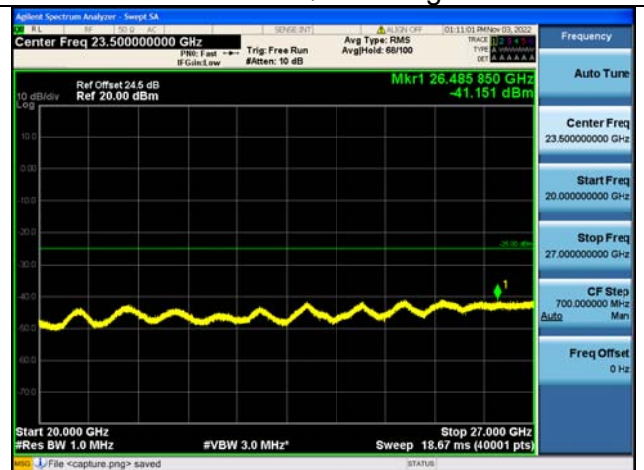
Band41C-30M-20G / 15MHz+10MHz / 1RB+1RB/ QPSK / High CH



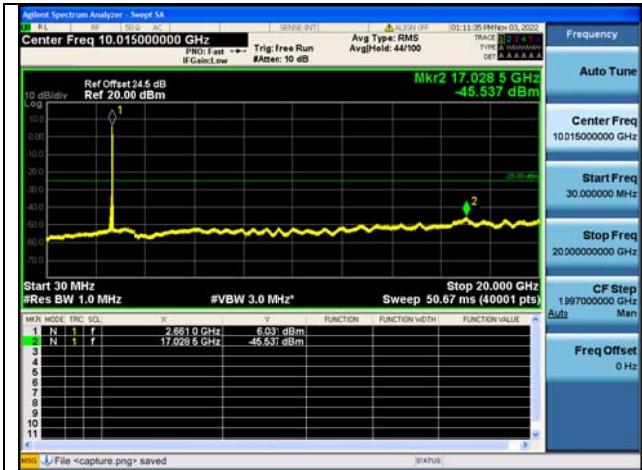
Band41C-20G-27G / 15MHz+10MHz / 1RB+1RB/ QPSK / High CH



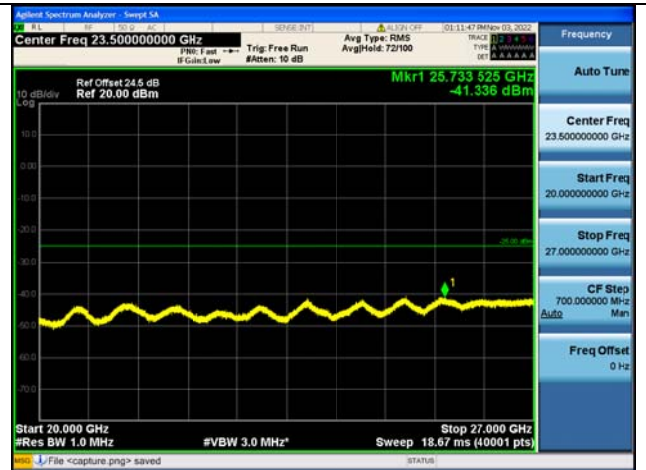
Band41C-30M-20G / 15MHz+10MHz / 75RB+50RB/ QPSK / High CH



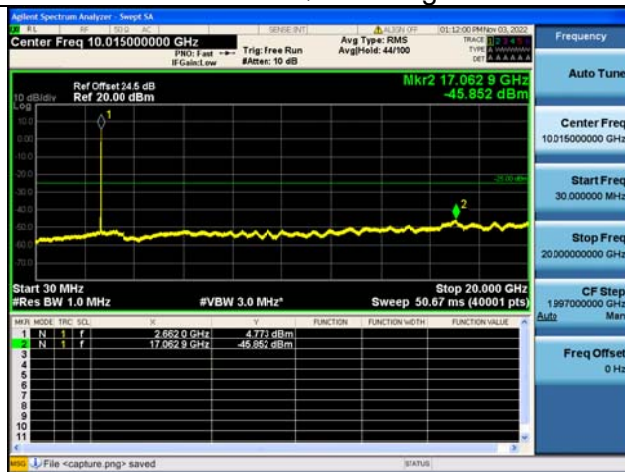
Band41C-20G-27G / 15MHz+10MHz / 75RB+50RB/ QPSK / High CH



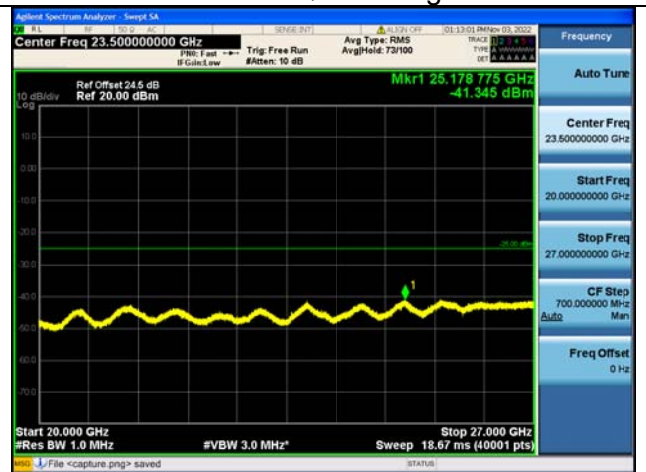
Band41C-30M-20G / 10MHz+20MHz / 1RB+1RB/ QPSK / High CH



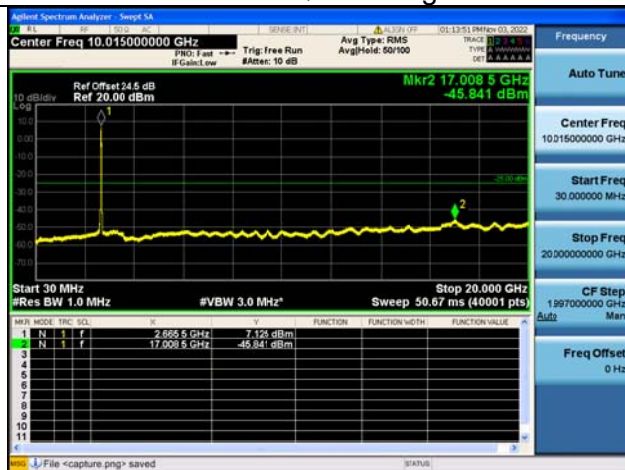
Band41C-20G-27G / 10MHz+20MHz / 1RB+1RB/ QPSK / High CH



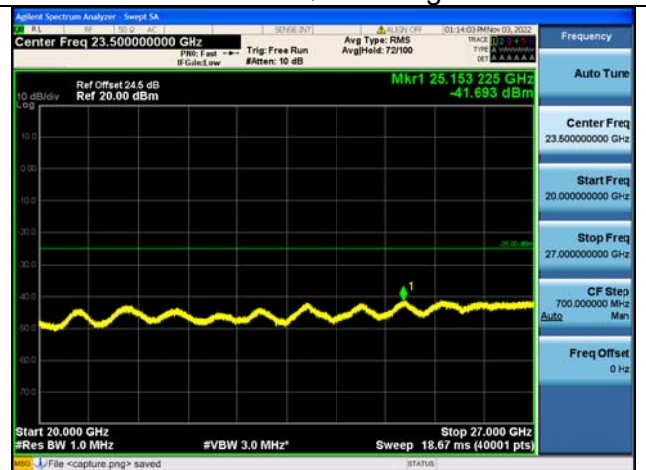
Band41C-30M-20G / 10MHz+20MHz / 1RB+1RB/ QPSK / High CH



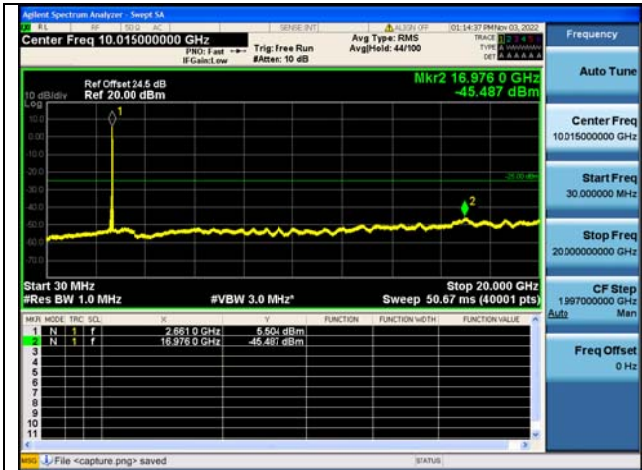
Band41C-20G-27G / 10MHz+20MHz / 1RB+1RB/ QPSK / High CH



Band41C-30M-20G / 10MHz+20MHz / 50RB+100RB/ QPSK / High CH



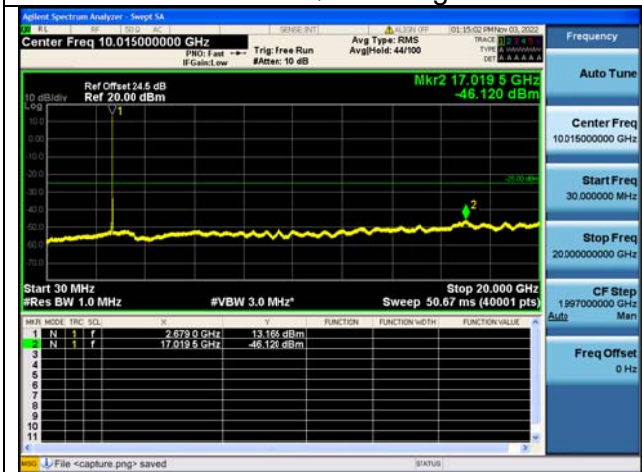
Band41C-20G-27G / 10MHz+20MHz / 50RB+100RB/ QPSK / High CH



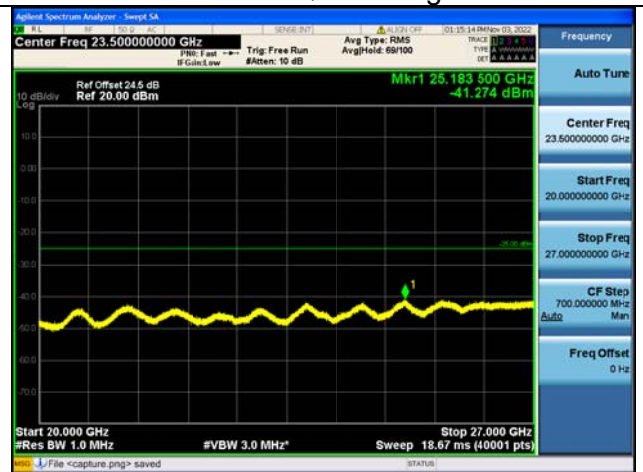
Band41C-30M-20G / 20MHz+10MHz / 1RB+1RB/ QPSK / High CH



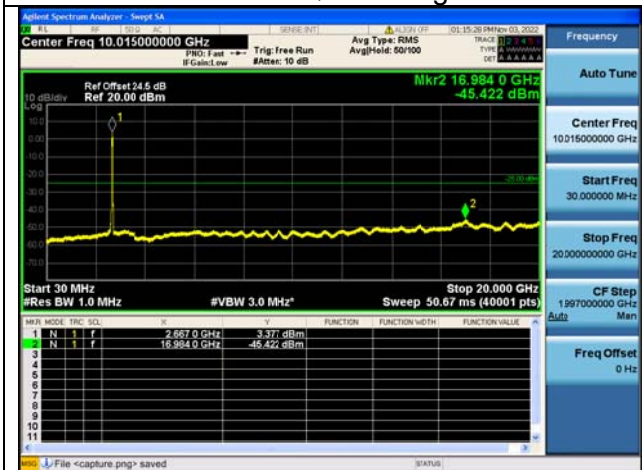
Band41C-20G-27G / 20MHz+10MHz / 1RB+1RB/ QPSK / High CH



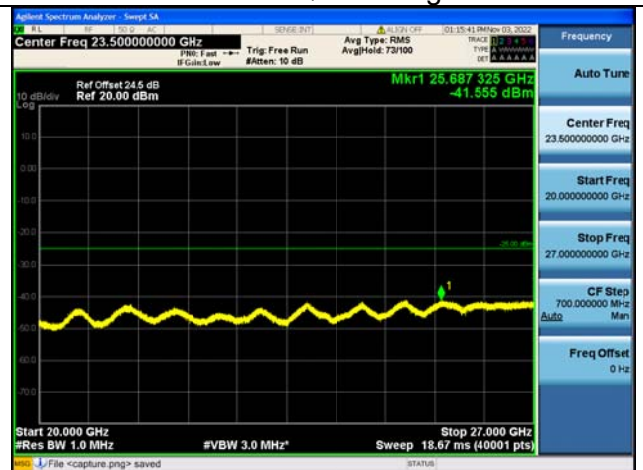
Band41C-30M-20G / 20MHz+10MHz / 1RB+1RB/ QPSK / High CH



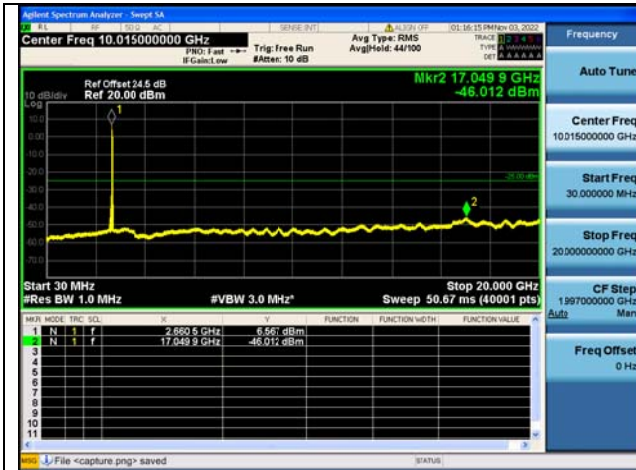
Band41C-20G-27G / 20MHz+10MHz / 1RB+1RB/ QPSK / High CH



Band41C-30M-20G / 20MHz+10MHz / 100RB+50RB/ QPSK / High CH



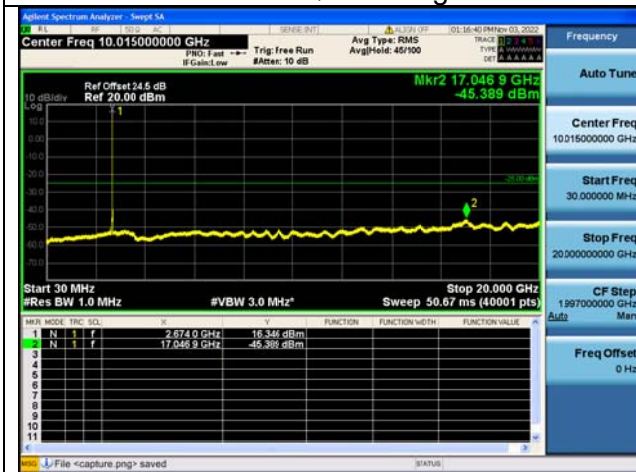
Band41C-20G-27G / 20MHz+10MHz / 100RB+50RB/ QPSK / High CH



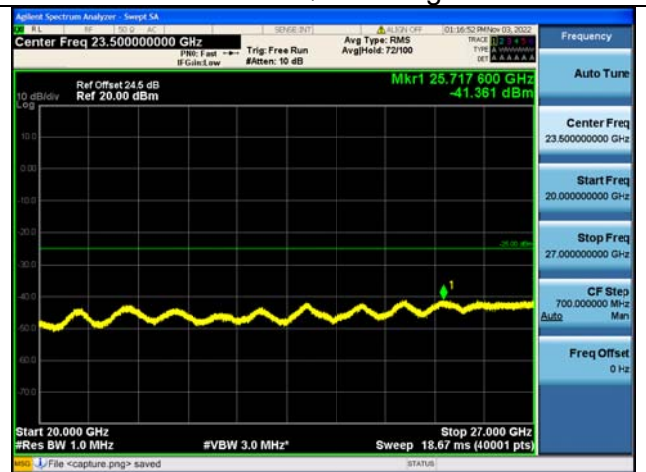
Band41C-30M-20G / 15MHz+15MHz  
/1RB+1RB/ QPSK / High CH



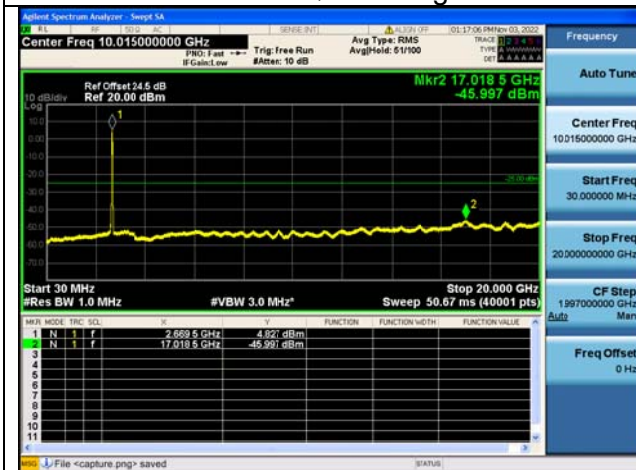
Band41C-20G-27G / 15MHz+15MHz  
/1RB+1RB/ QPSK / High CH



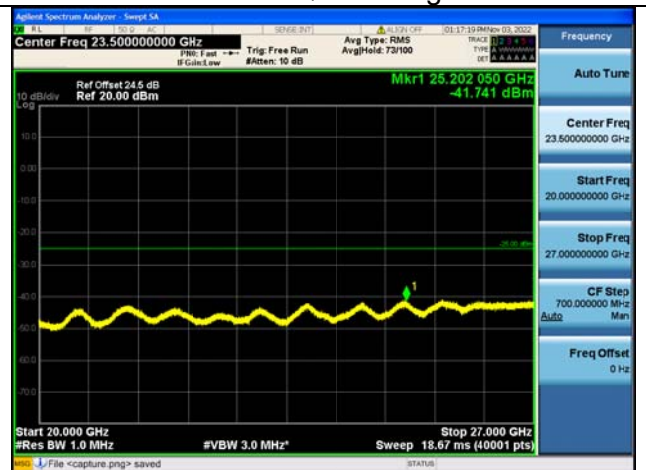
Band41C-30M-20G / 15MHz+15MHz  
/1RB+1RB/ QPSK / High CH



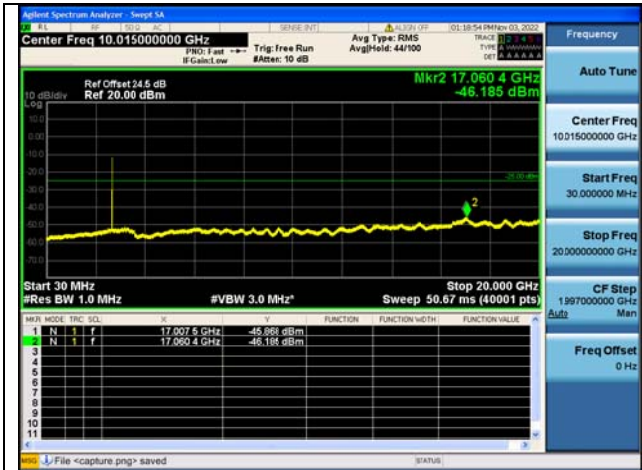
Band41C-20G-27G / 15MHz+15MHz  
/1RB+1RB/ QPSK / High CH



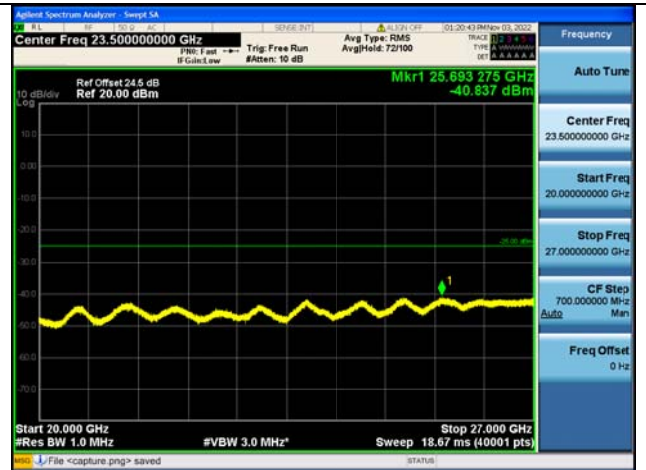
Band41C-30M-20G / 15MHz+15MHz  
/75RB+75RB/ QPSK / High CH



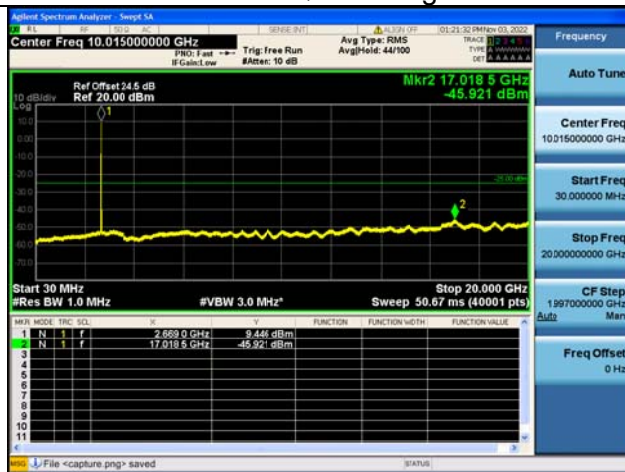
Band41C-20G-27G / 15MHz+15MHz  
/75RB+75RB/ QPSK / High CH



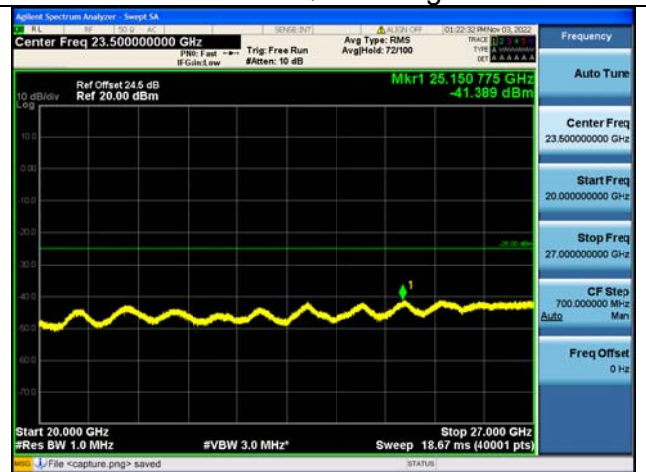
Band41C-30M-20G / 15MHz+20MHz  
/1RB+1RB/ QPSK / High CH



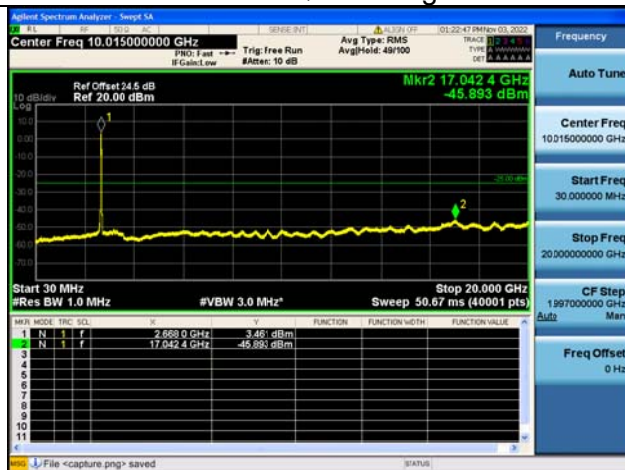
Band41C-20G-27G / 15MHz+20MHz  
/1RB+1RB/ QPSK / High CH



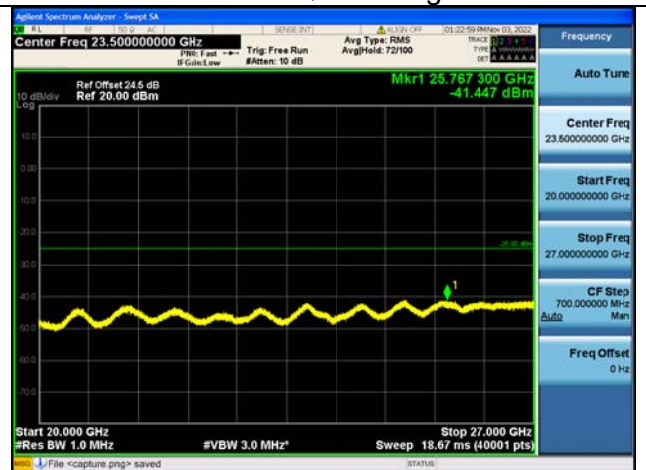
Band41C-30M-20G / 15MHz+20MHz  
/1RB+1RB/ QPSK / High CH



Band41C-20G-27G / 15MHz+20MHz  
/1RB+1RB/ QPSK / High CH

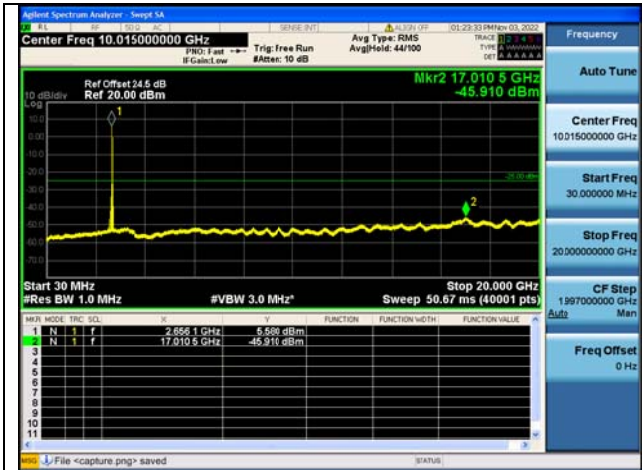


Band41C-30M-20G / 15MHz+20MHz  
/75RB+100RB/ QPSK / High CH



Band41C-20G-27G / 15MHz+20MHz  
/75RB+100RB/ QPSK / High CH

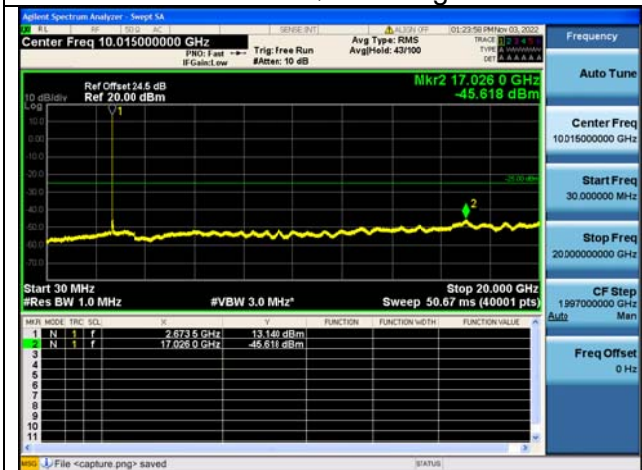




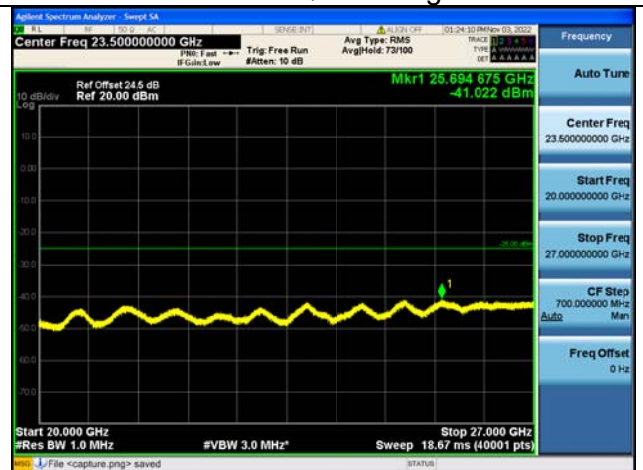
Band41C-30M-20G / 20MHz+15MHz  
/1RB+1RB/ QPSK / High CH



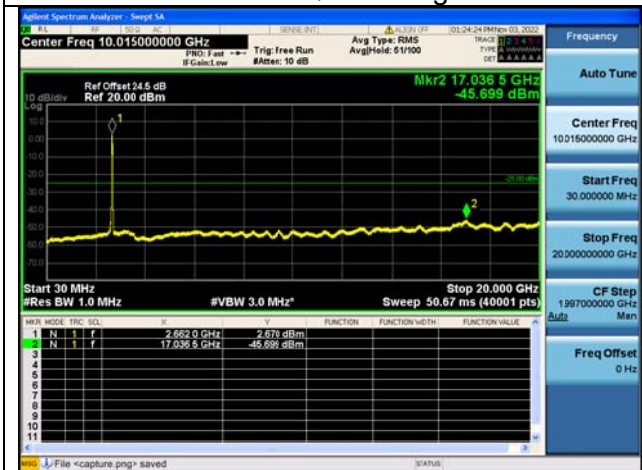
Band41C-20G-27G / 20MHz+15MHz  
/1RB+1RB/ QPSK / High CH



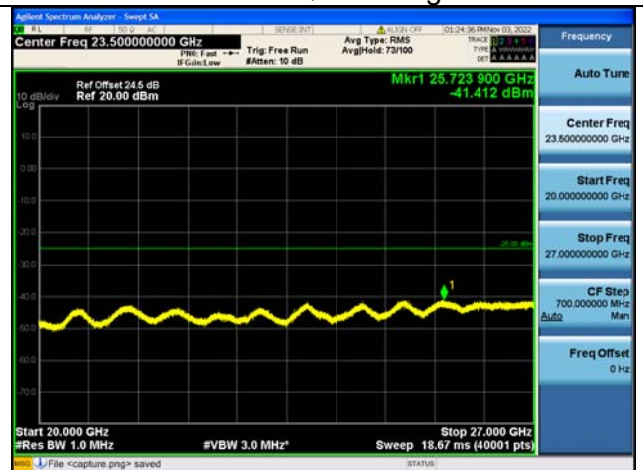
Band41C-30M-20G / 20MHz+15MHz  
/1RB+1RB/ QPSK / High CH



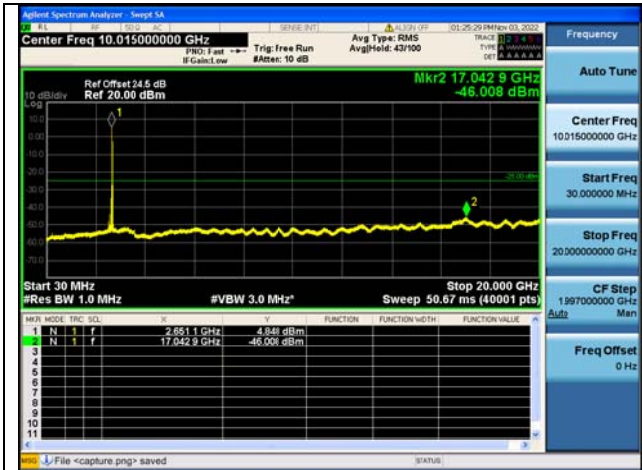
Band41C-20G-27G / 20MHz+15MHz  
/1RB+1RB/ QPSK / High CH



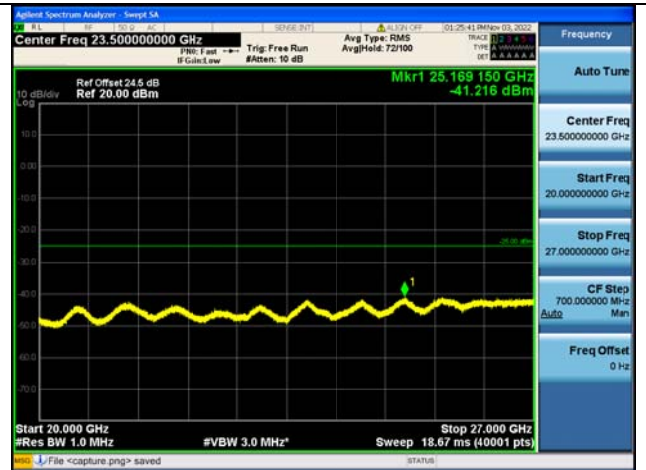
Band41C-30M-20G / 20MHz+15MHz  
/100RB+75RB/ QPSK / High CH



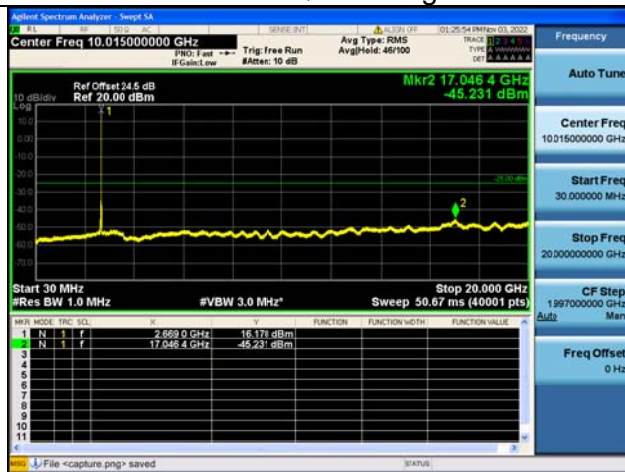
Band41C-20G-27G / 20MHz+15MHz  
/100RB+75RB/ QPSK / High CH



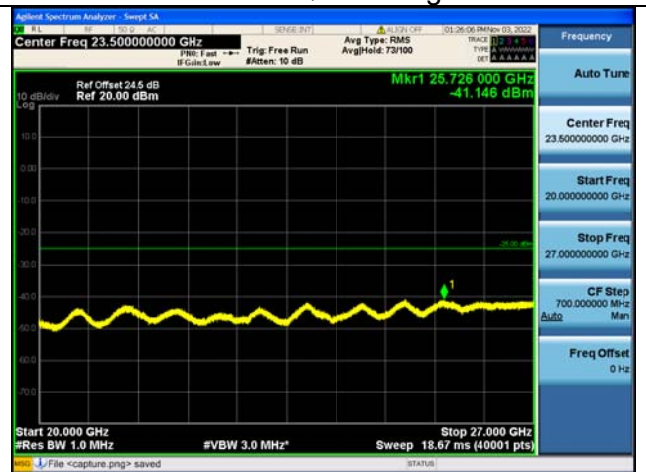
Band41C-30M-20G / 20MHz+20MHz / 1RB+1RB/ QPSK / High CH



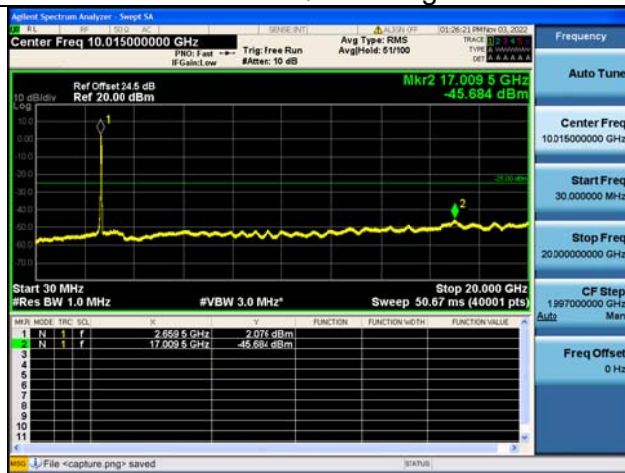
Band41C-20G-27G / 20MHz+20MHz / 1RB+1RB/ QPSK / High CH



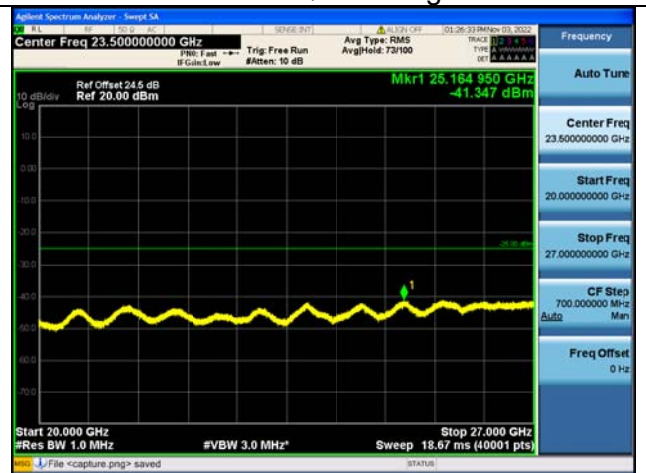
Band41C-30M-20G / 20MHz+20MHz / 1RB+1RB/ QPSK / High CH



Band41C-20G-27G / 20MHz+20MHz / 1RB+1RB/ QPSK / High CH



Band41C-30M-20G / 20MHz+20MHz / 100RB+100RB/ QPSK / High CH



Band41C-20G-27G / 20MHz+20MHz / 100RB+100RB/ QPSK / High CH

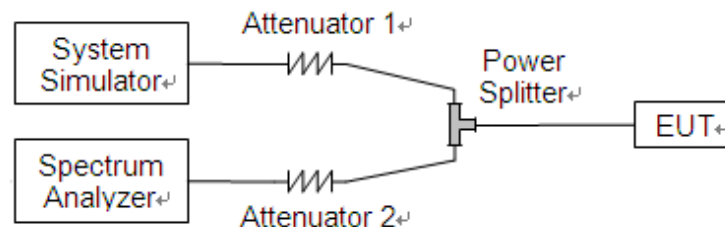
## 2.4. Band Edge

### 2.4.1. 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.

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 that  $43 + 10 \log (P)$  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.

### 2.4.2. 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.

### 2.4.3. Test procedure

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



#### 2.4.4. Test Result

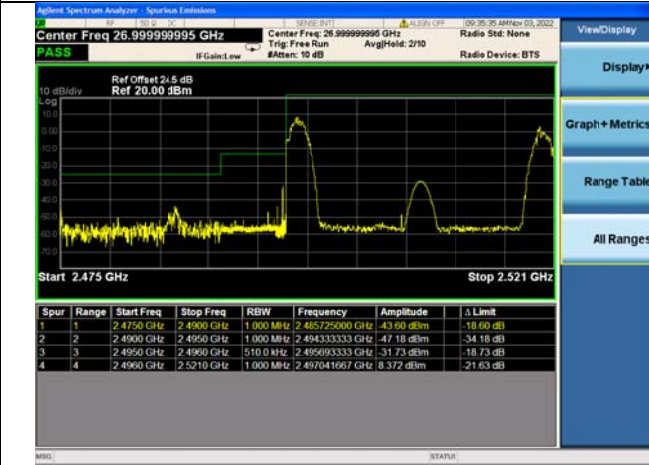
The center frequency of spectrum is the band edge frequency and span is 2MHz, Record the max trace into the test report.



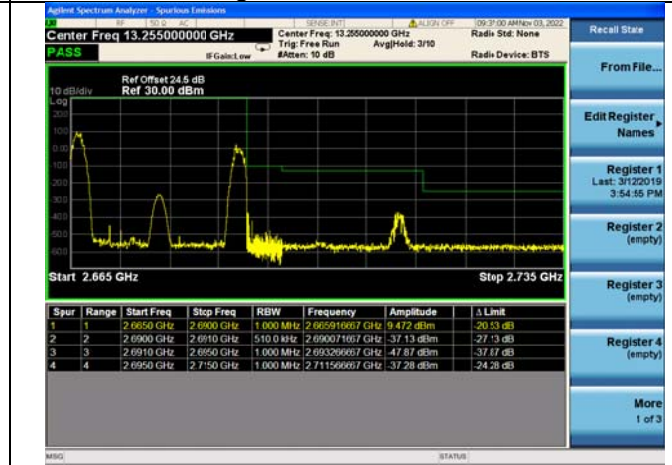
LTE CA 41C

Channel Bandwidth: 5MHz+20MHz

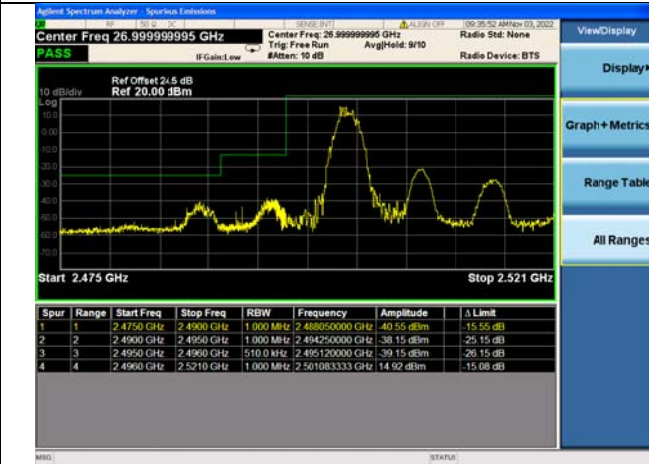
Low 1RB0 and 1RB99



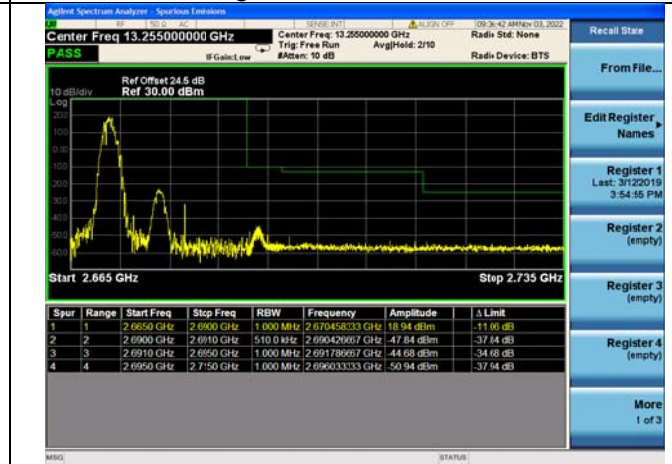
High 1RB0 and 1RB99



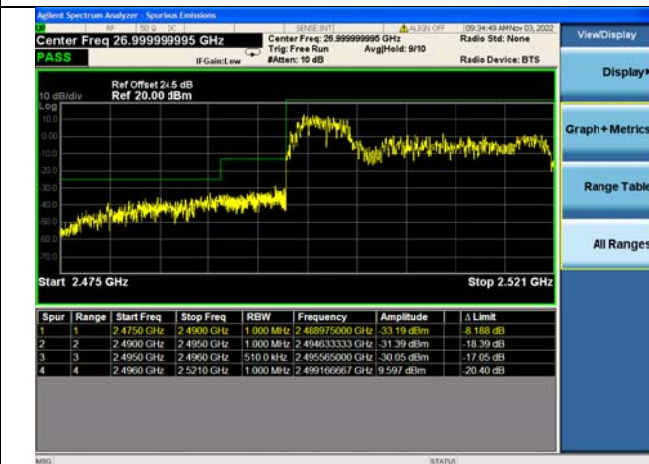
Low 1RB24 and 1RB0



High 1RB24 and 1RB0



Low FULL RB



High FULL RB

