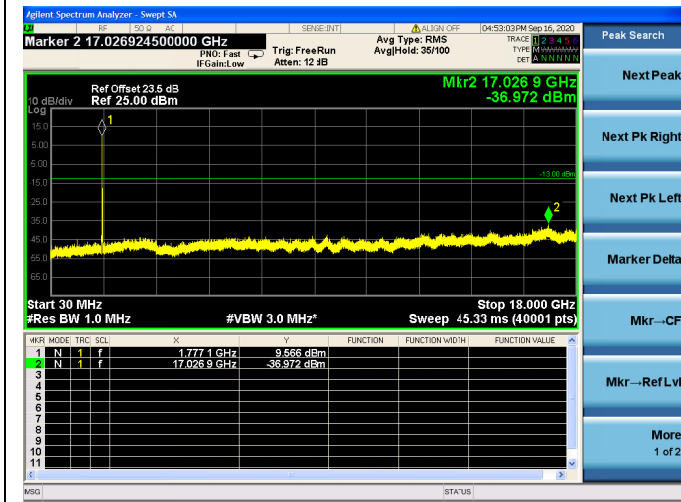
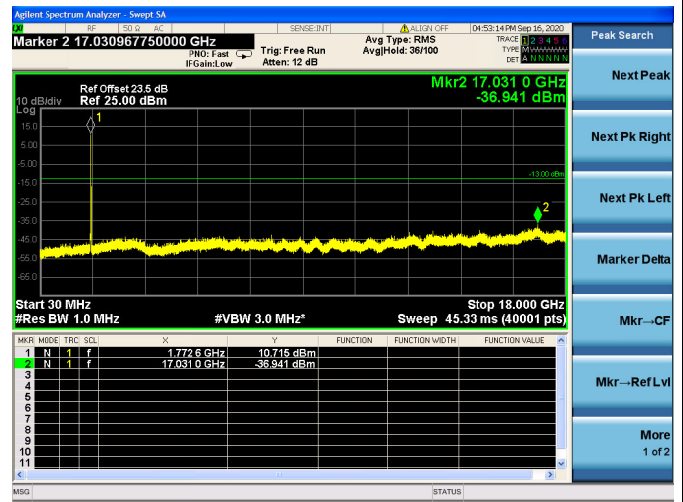




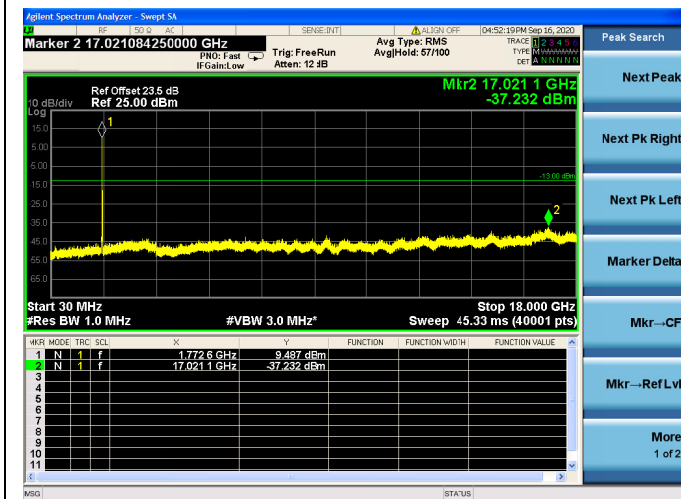
Band 66/ 10MHz/ Low CH/QPSK



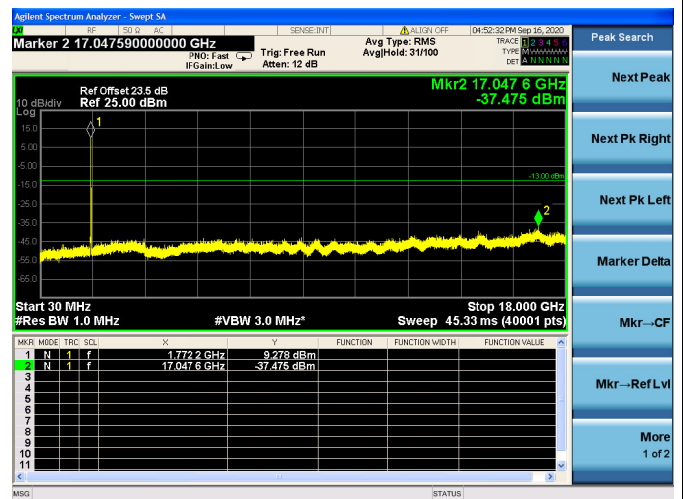
Band 66/ 10MHz/ Low CH/16QAM



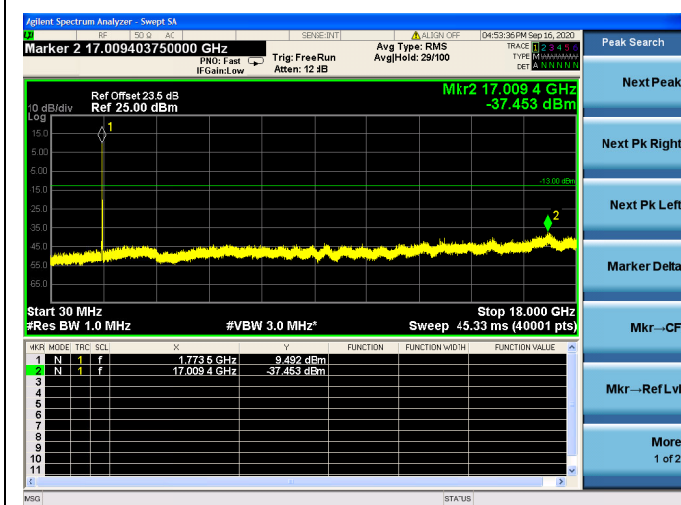
Band 66/ 10MHz/Mid CH/QPSK



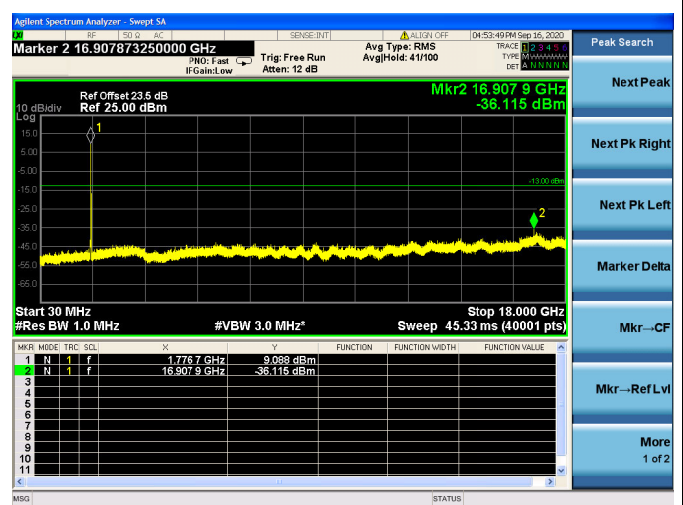
Band 66/ 10MHz/Mid CH/16QAM



Band 66/ 10MHz/High CH/QPSK

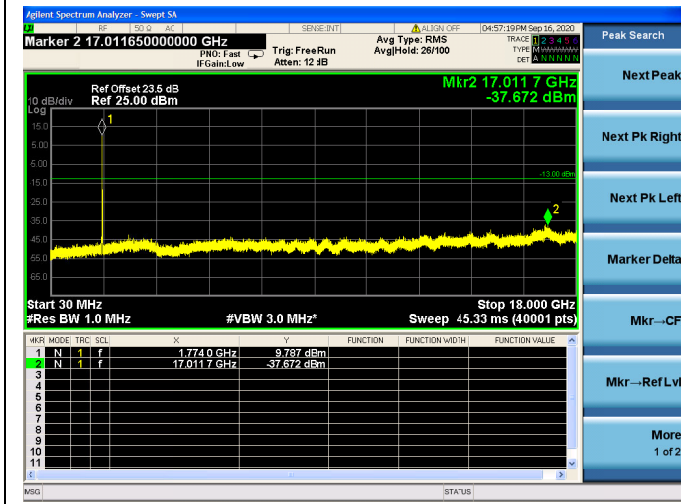


Band 66/ 10MHz/High CH/16QAM

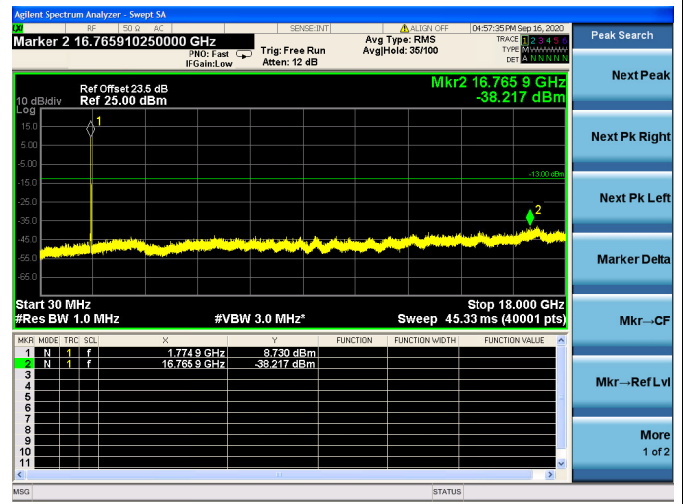




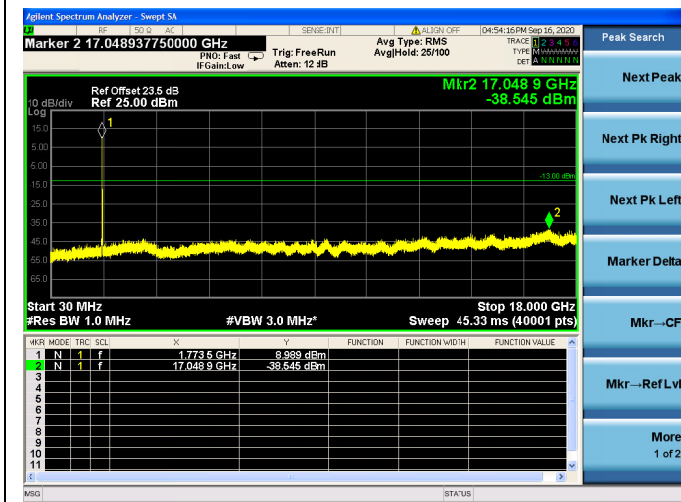
Band 66/ 15MHz/ Low CH/QPSK



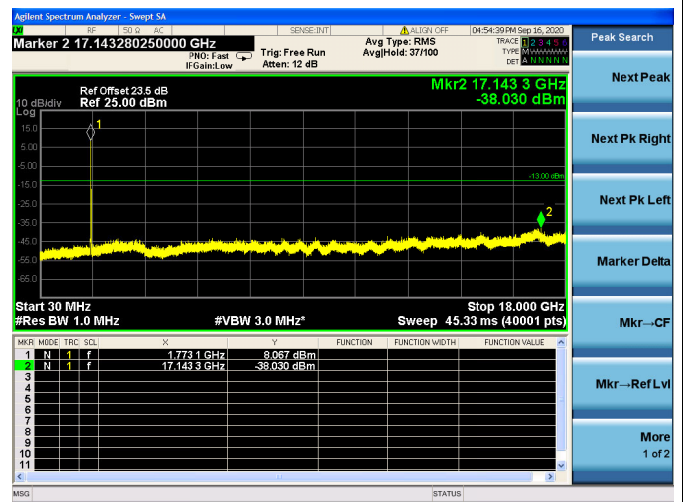
Band 66/ 15MHz/ Low CH/16QAM



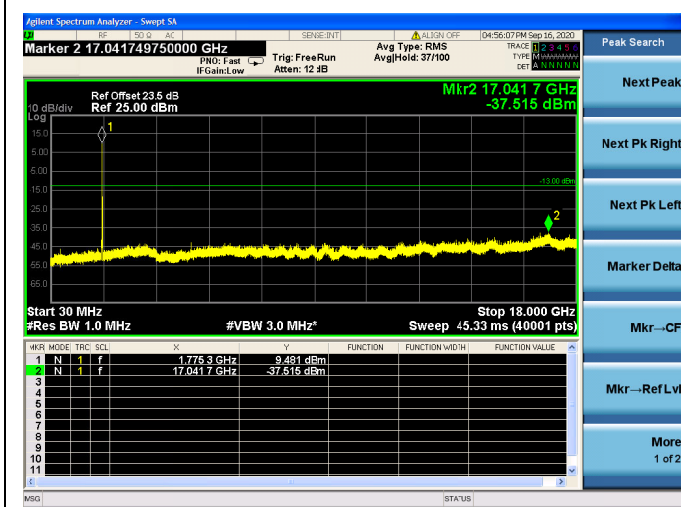
Band 66/ 15MHz/Mid CH/QPSK



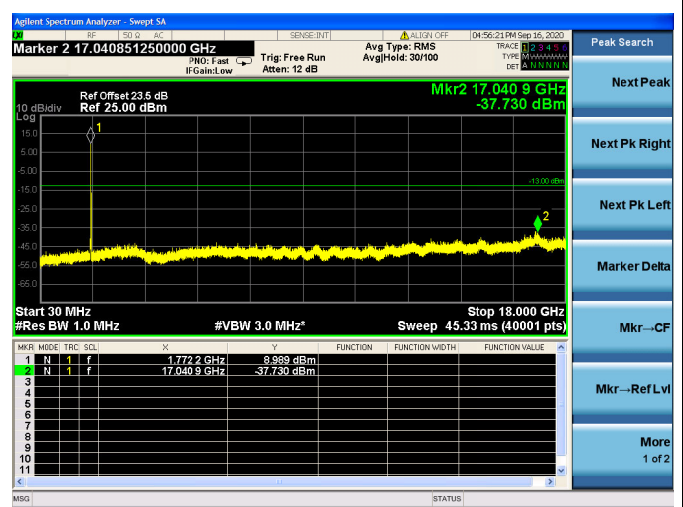
Band 66/ 15MHz/Mid CH/16QAM



Band 66/ 15MHz/High CH/QPSK

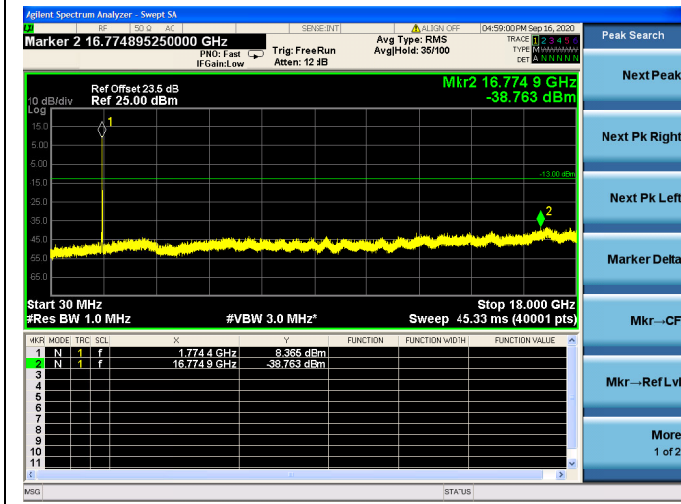


Band 66/ 15MHz/High CH/16QAM

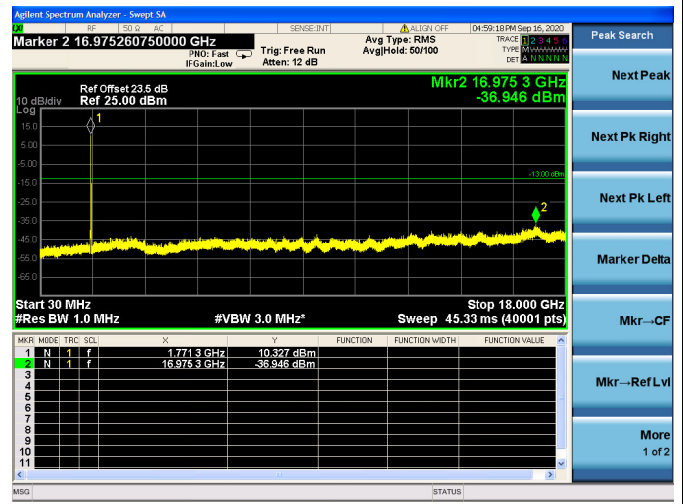




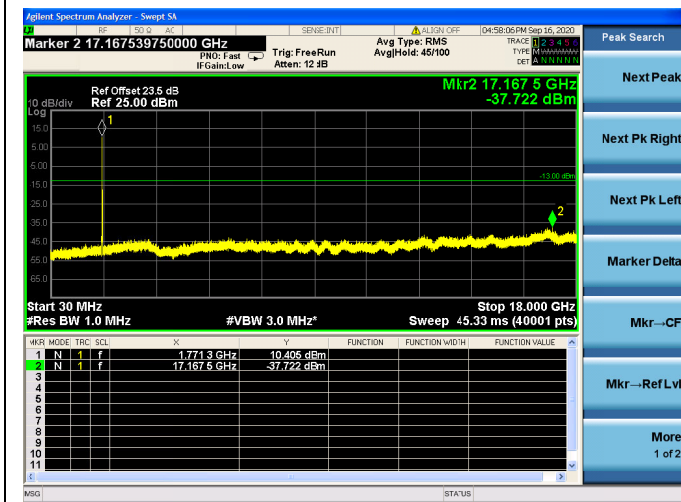
Band 66/ 20MHz/ Low CH/QPSK



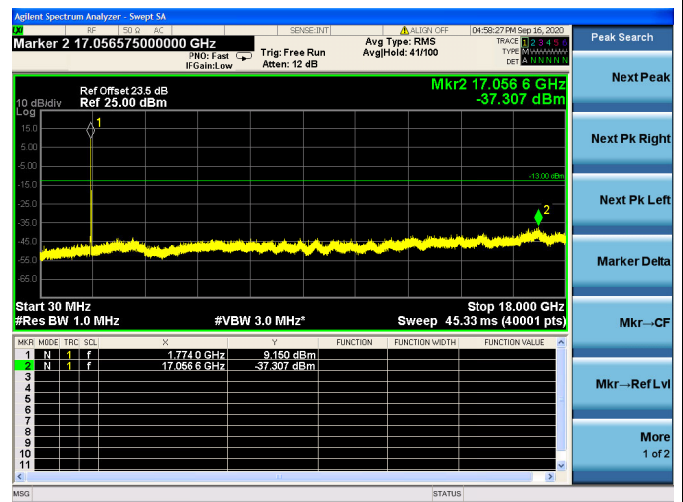
Band 66/ 20MHz/ Low CH/16QAM



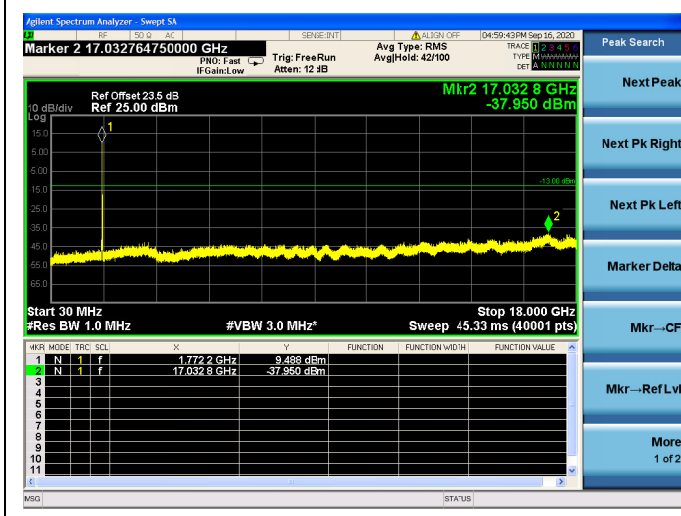
Band 66/ 20MHz/Mid CH/QPSK



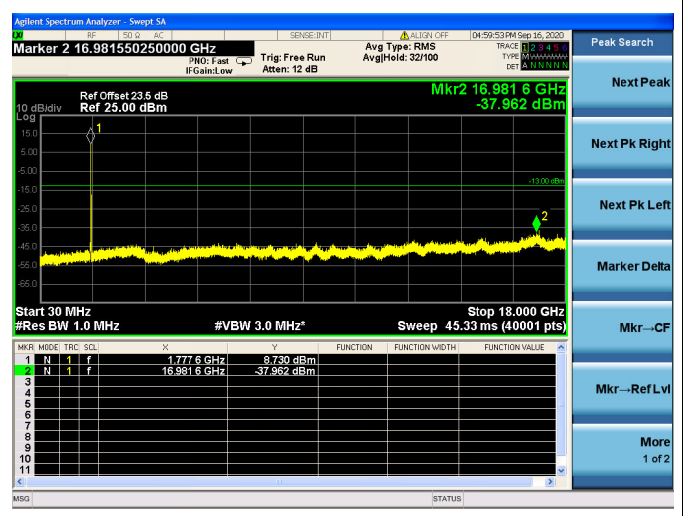
Band 66/ 20MHz/Mid CH/16QAM



Band 66/ 20MHz/High CH/QPSK



Band 66/ 20MHz/High CH/16QAM





2.6.1. Requirement

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.

```

graph LR
    SS[System Simulator] --- A1[Attenuator 1]
    A1 --- PS[Power Splitter]
    SA[Spectrum Analyzer] --- A2[Attenuator 2]
    A2 --- PS
    PS --- EUT[EUT]
    PSensor[Power Sensor] -.- SA
  
```

2.6.3. Test procedure

MORLAB

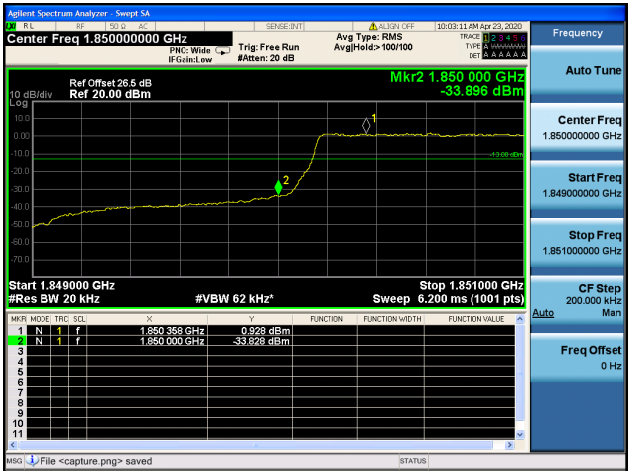


2.6.4. Test Result

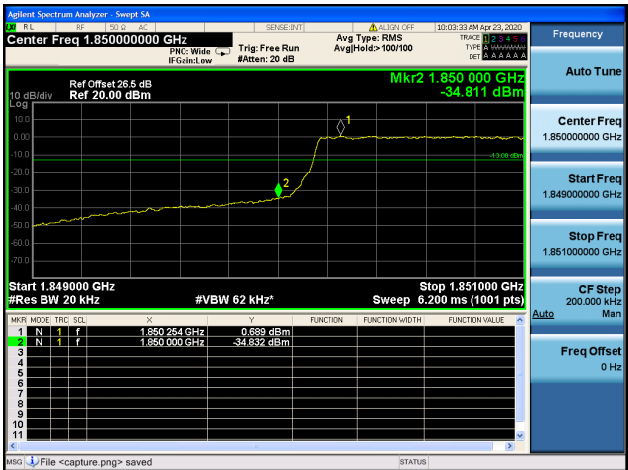
The center frequency of spectrum is the band edge frequency and span is 2MHz, Record the max trace into the test report.



Band2 / 1.4MHz / Low CH / QPSK / FULL RI



Band2 / 1.4MHz / Low CH / 16QAM / FULL RB

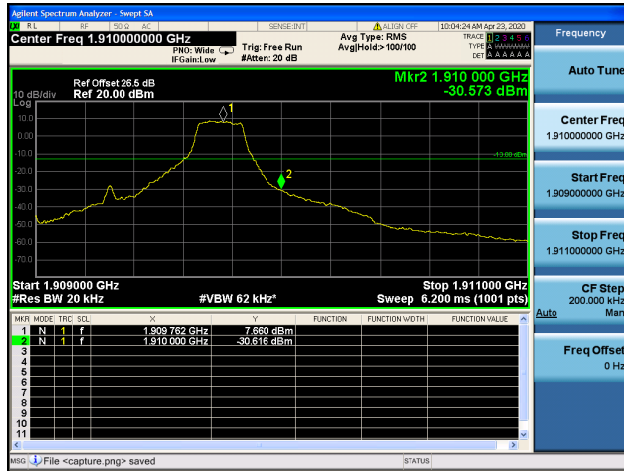


Band2 / 1.4MHz / High CH / QPSK / FULL RB





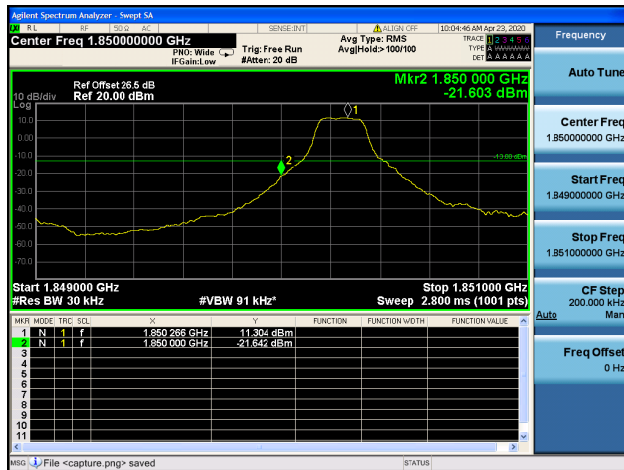
Band2 / 1.4MHz / High CH / 16QAM / 1 RB



Band2 / 1.4MHz / High CH / 16QAM / FULL RB



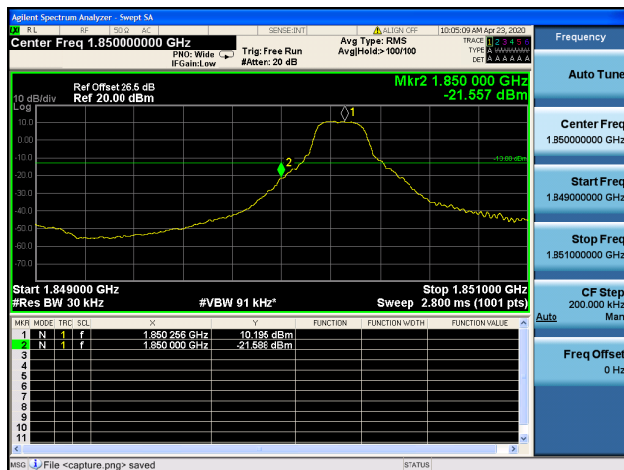
Band2 / 3MHz / Low CH / QPSK / 1 RB



Band2 / 3MHz / Low CH / QPSK / FULL RB



Band2 / 3MHz / Low CH / 16QAM / 1 RB

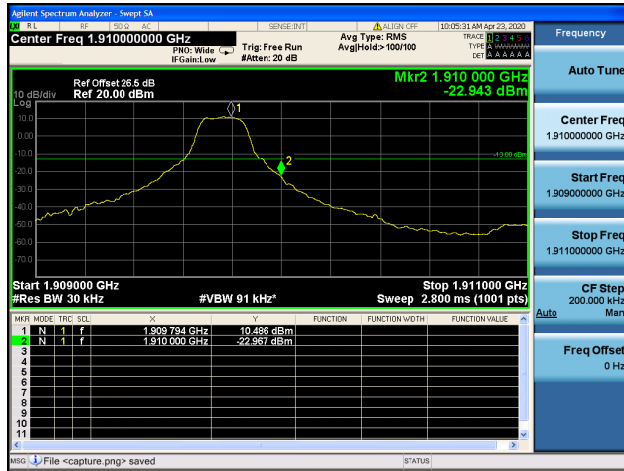


Band2 / 3MHz / Low CH / 16QAM / FULL RB

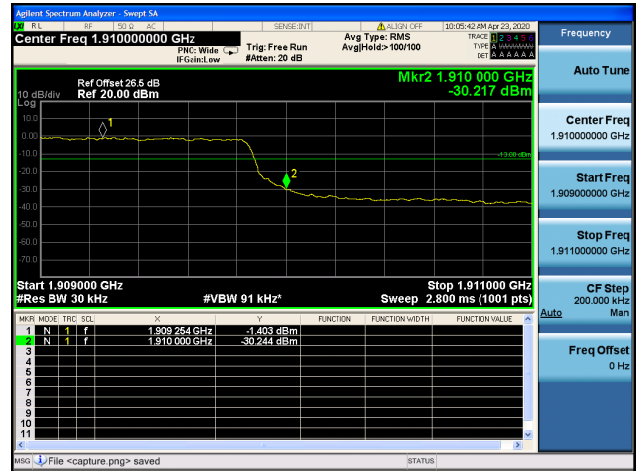




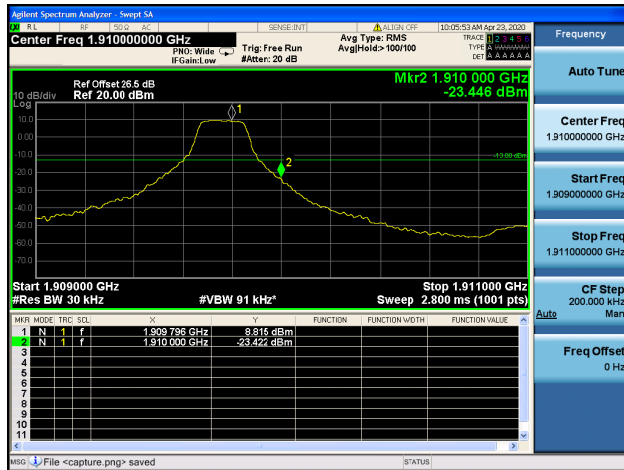
Band2 / 3MHz / High CH / QPSK / 1 RB



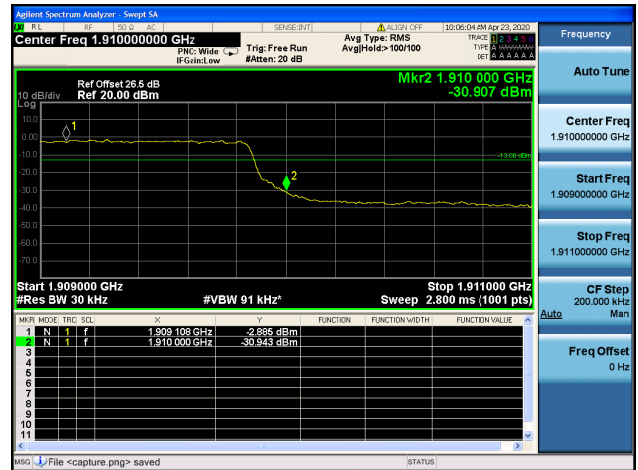
Band2 / 3MHz / High CH / QPSK / FULL RB



Band2 / 3MHz / High CH / 16QAM / 1 RB



Band2 / 3MHz / High CH / 16QAM / FULL RB

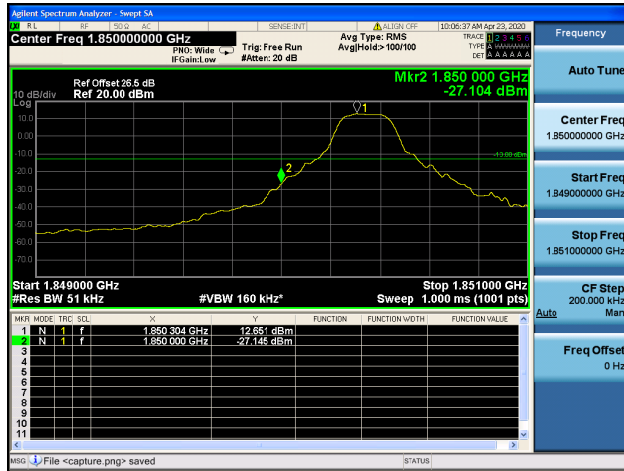
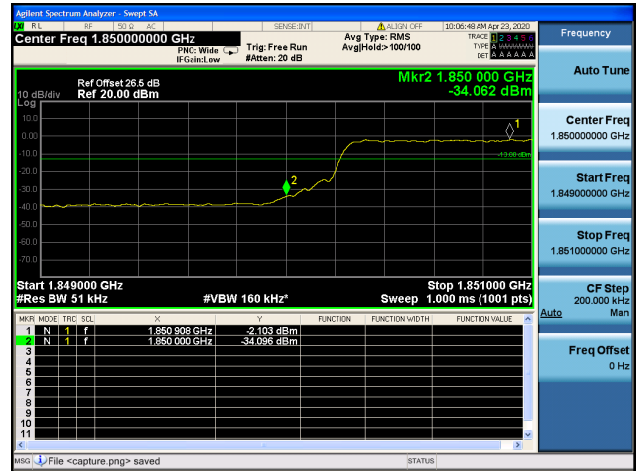
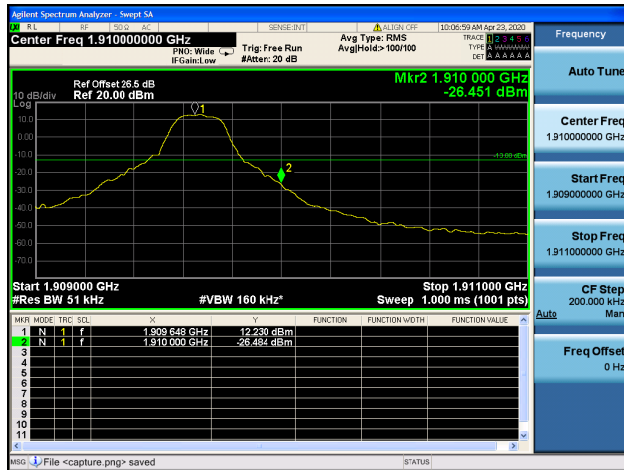
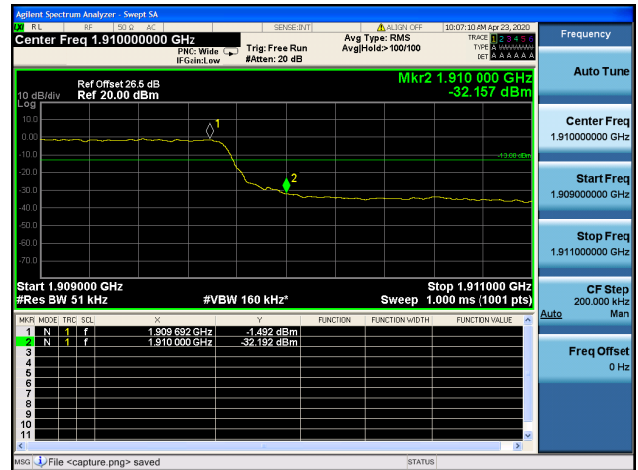
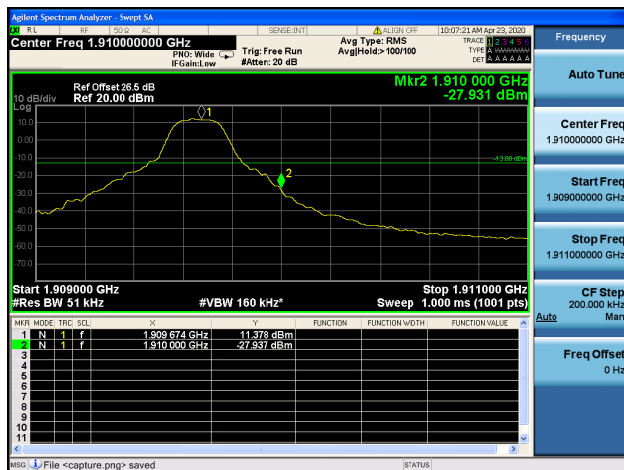
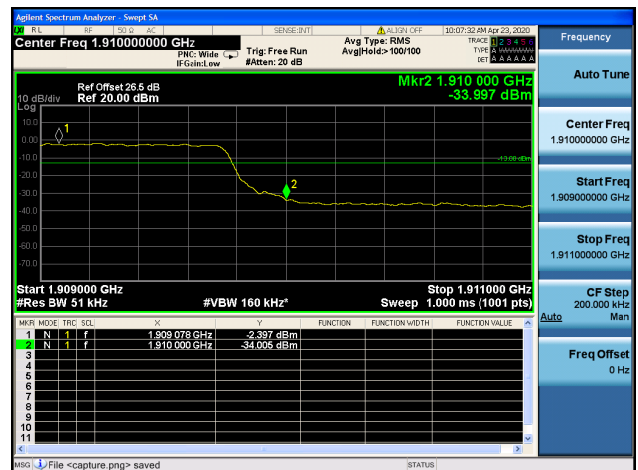


Band2 / 5MHz / Low CH / QPSK / 1 RB



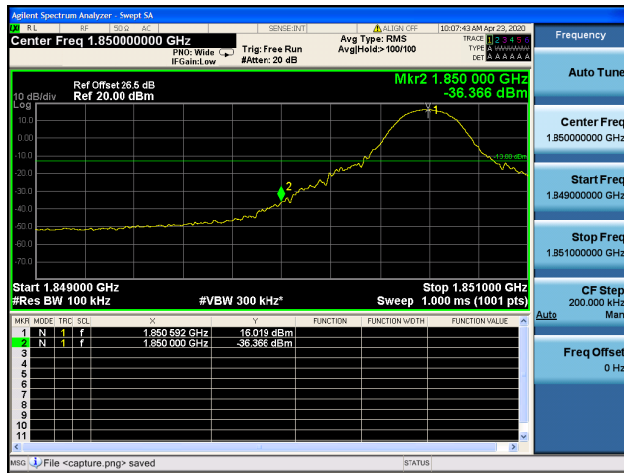
Band2 / 5MHz / Low CH / QPSK / FULL RB



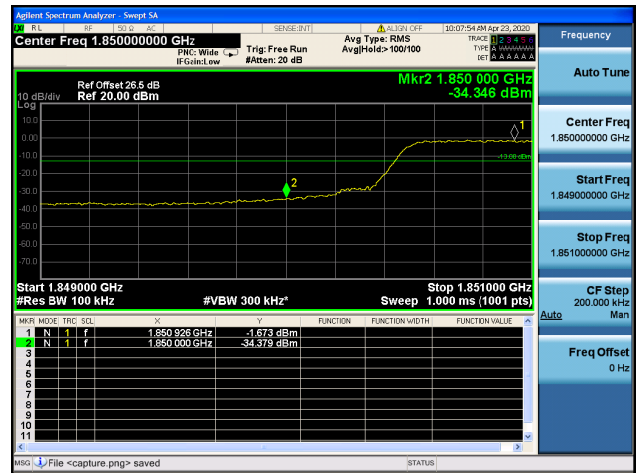
**Band2 / 5MHz / Low CH / 16QAM / 1 RB****Band2 / 5MHz / Low CH / 16QAM / FULL RB****Band2 / 5MHz / High CH / QPSK / 1 RB****Band2 / 5MHz / High CH / QPSK / FULL RB****Band2 / 5MHz / High CH / 16QAM / 1 RB****Band2 / 5MHz / High CH / 16QAM / FULL RB**



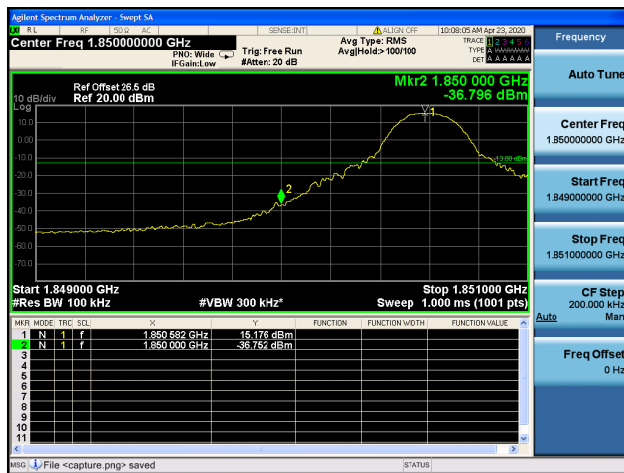
Band2 / 10MHz / Low CH / QPSK / 1 RB



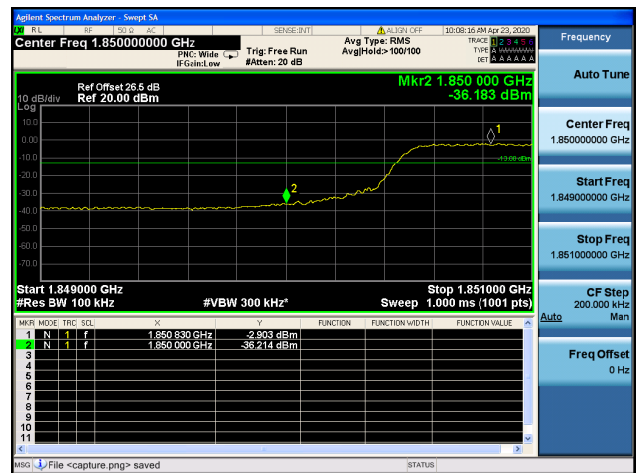
Band2 / 10MHz / Low CH / QPSK / FULL RB



Band2 / 10MHz / Low CH / 16QAM / 1 RB



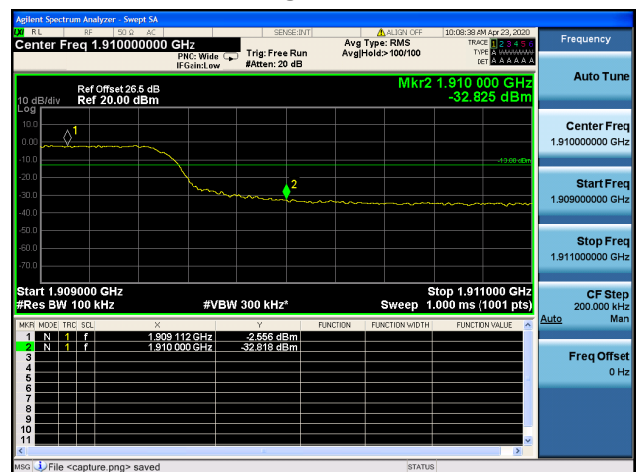
Band2 / 10MHz / Low CH / 16QAM / FULL RB



Band2 / 10MHz / High CH / QPSK / 1 RB

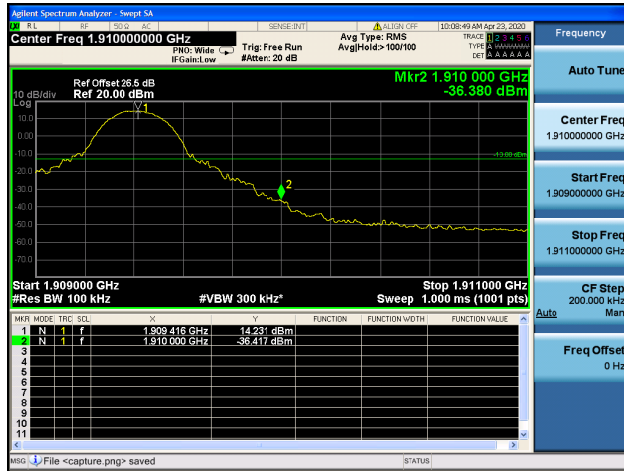


Band2 / 10MHz / High CH / QPSK / FULL RB

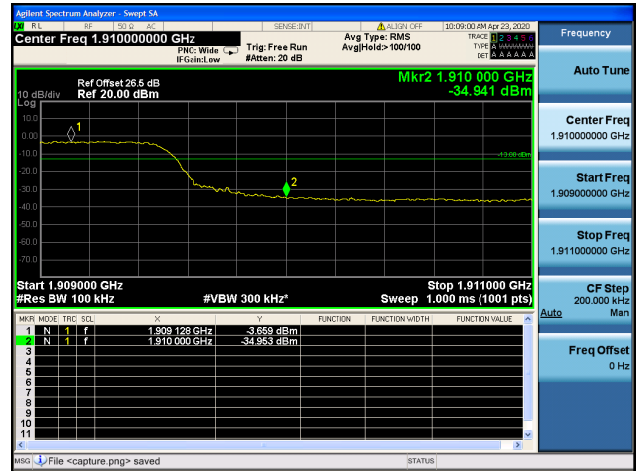




Band2 / 10MHz / High CH / 16QAM / 1 RB



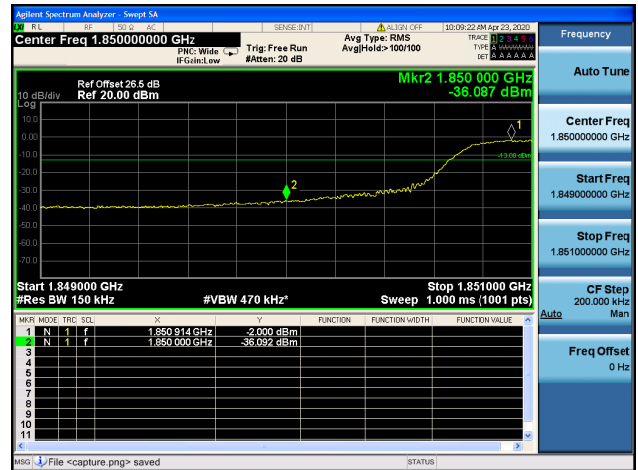
Band2 / 10MHz / High CH / 16QAM / FULL RB



Band2 / 15MHz / Low CH / QPSK / 1 RB



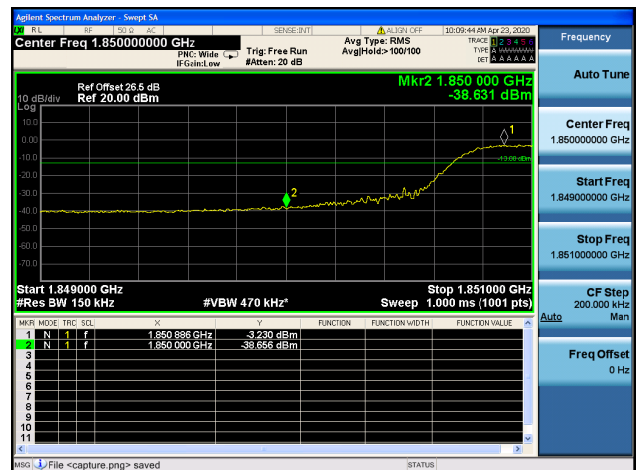
Band2 / 15MHz / Low CH / QPSK / FULL RB



Band2 / 15MHz / Low CH / 16QAM / 1 RB



Band2 / 15MHz / Low CH / 16QAM / FULL RB

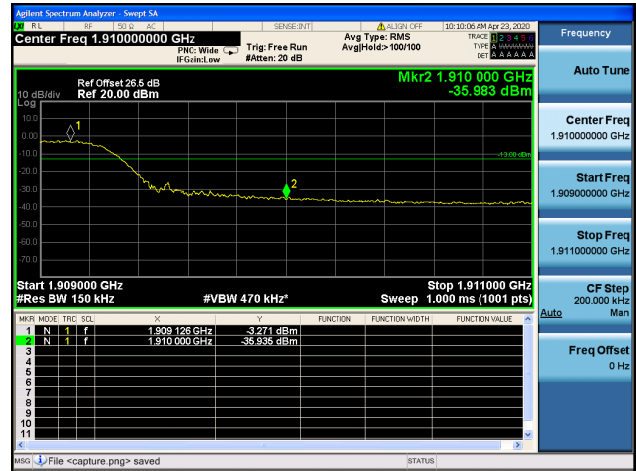




Band2 / 15MHz / High CH / QPSK / 1 RB



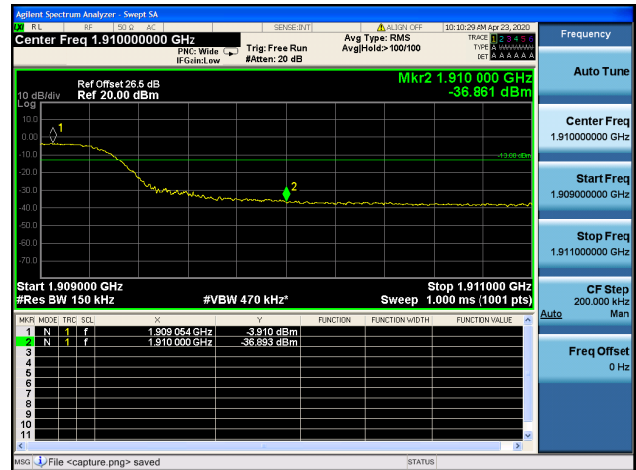
Band2 / 15MHz / High CH / QPSK / FULL RB



Band2 / 15MHz / High CH / 16QAM / 1 RB



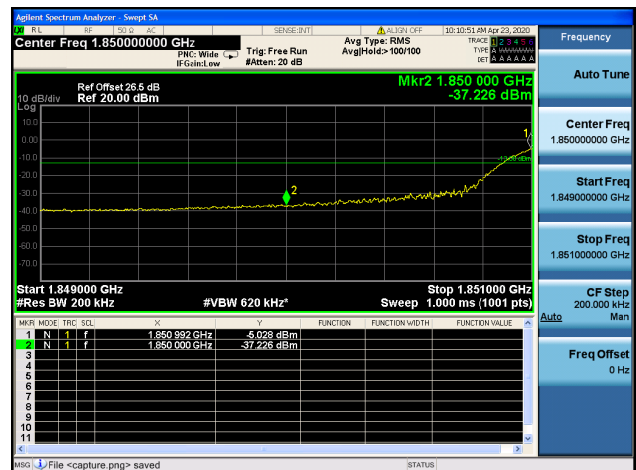
Band2 / 15MHz / High CH / 16QAM / FULL RB



Band2 / 20MHz / Low CH / QPSK / 1 RB

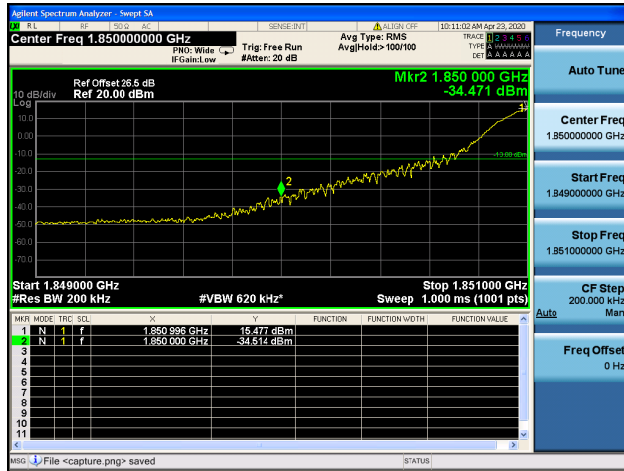


Band2 / 20MHz / Low CH / QPSK / FULL RB

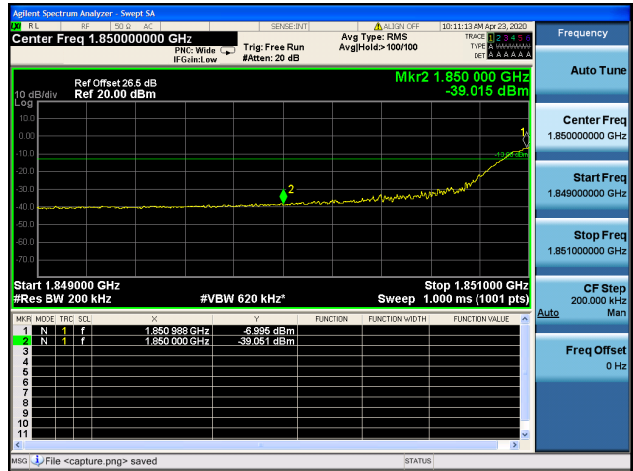




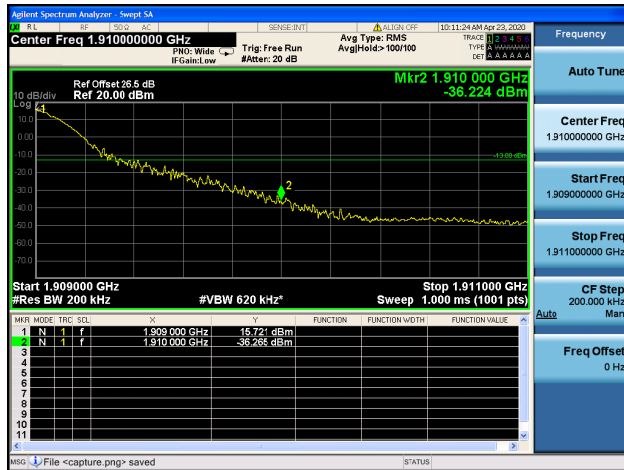
Band2 / 20MHz / Low CH / 16QAM / 1 RB



Band2 / 20MHz / Low CH / 16QAM / FULL RB



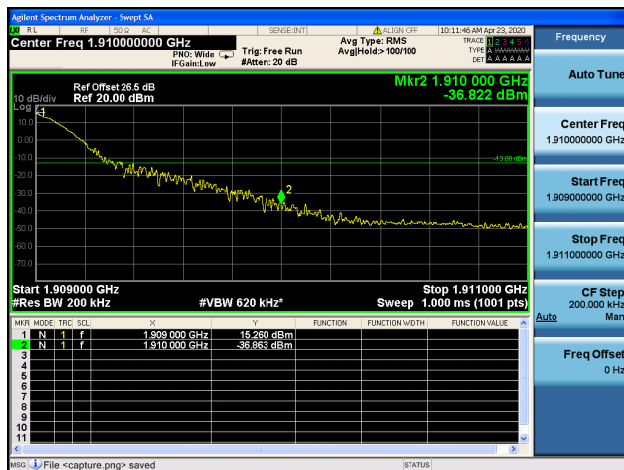
Band2 / 20MHz / High CH / QPSK / 1 RB



Band2 / 20MHz / High CH / QPSK / FULL RB



Band2 / 20MHz / High CH / 16QAM / 1 RB

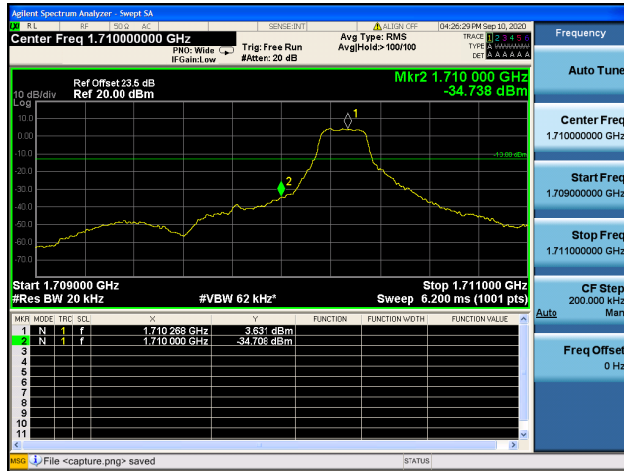


Band2 / 20MHz / High CH / 16QAM / FULL RB





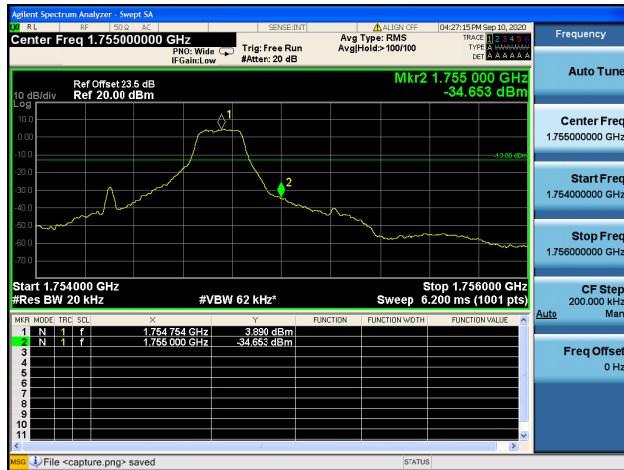
Band4 / 1.4MHz / Low CH / QPSK / 1 RB



Band4 / 1.4MHz / Low CH / QPSK / FULL RB



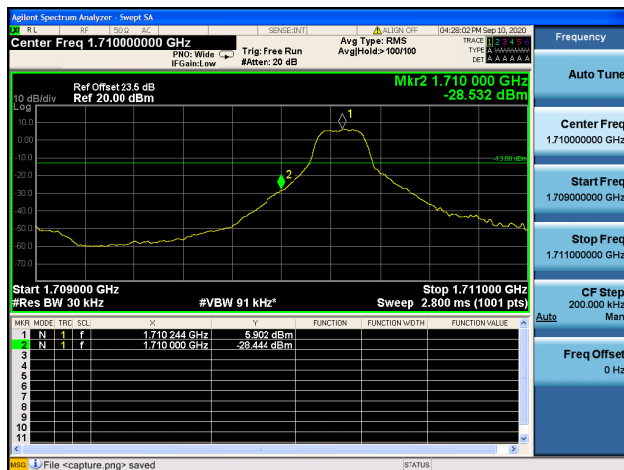
Band4 / 1.4MHz / High CH / QPSK / 1 RB



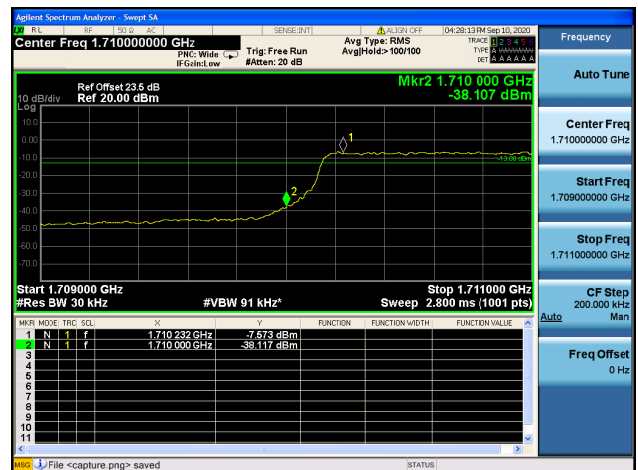
Band4 / 1.4MHz / High CH / QPSK / FULL RB



Band4 / 3MHz / Low CH / QPSK / 1 RB

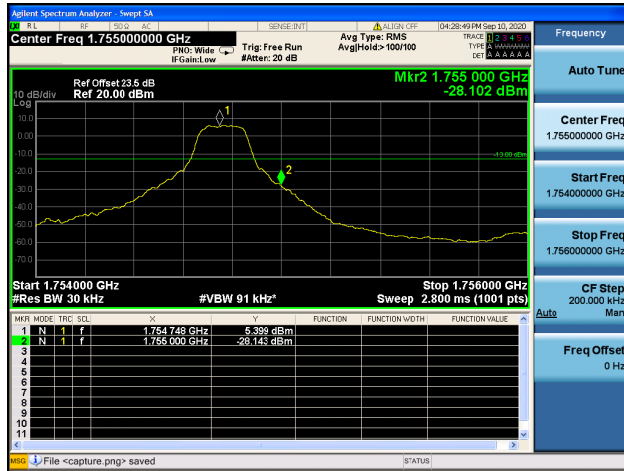


Band4 / 3MHz / Low CH / QPSK / FULL RB

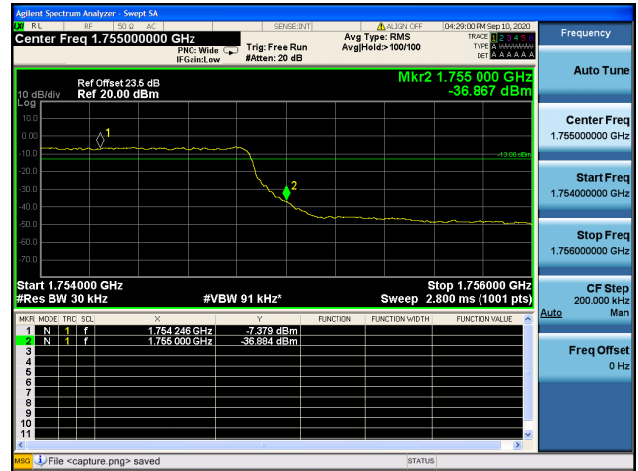




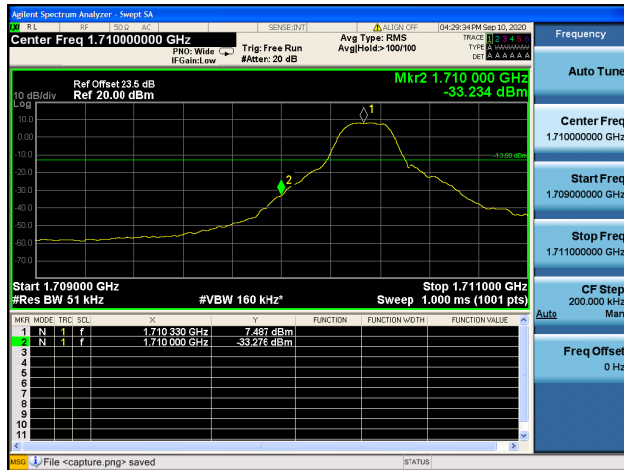
Band4 / 3MHz / High CH / QPSK / 1 RB



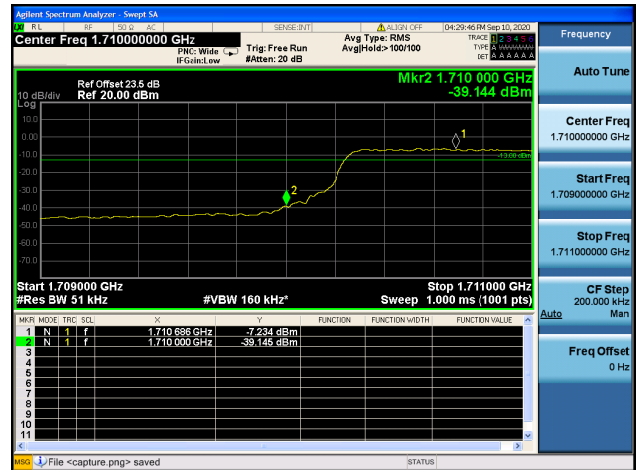
Band4 / 3MHz / High CH / QPSK / FULL RB



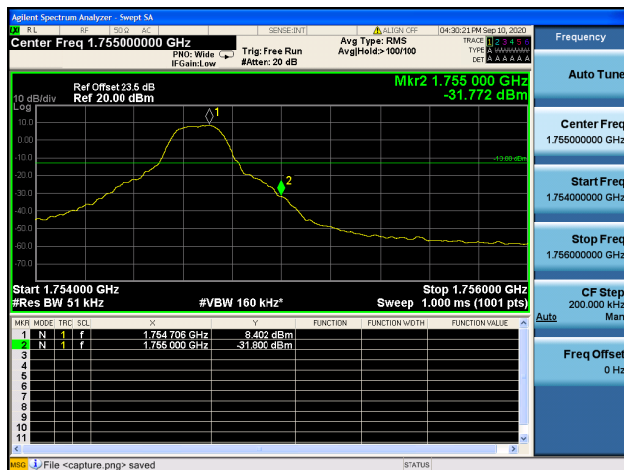
Band4 / 5MHz / Low CH / QPSK / 1 RB



Band4 / 5MHz / Low CH / QPSK / FULL RB



Band4 / 5MHz / High CH / QPSK / 1 RB



Band4 / 5MHz / High CH / QPSK / FULL RB

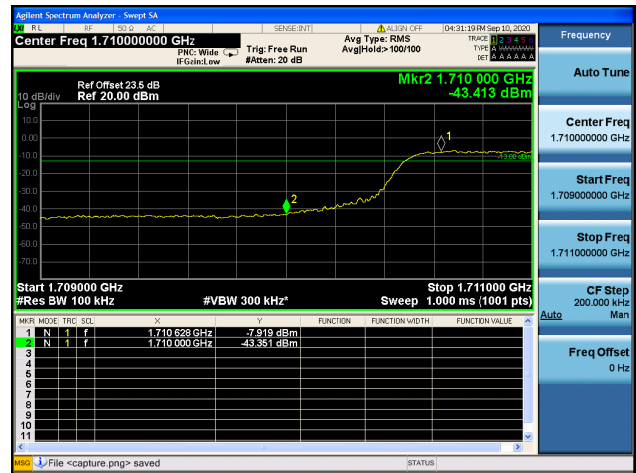




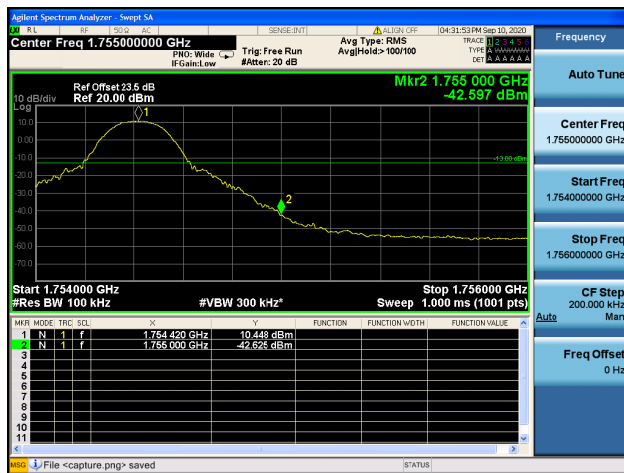
Band4 / 10MHz / Low CH / QPSK / 1 RB



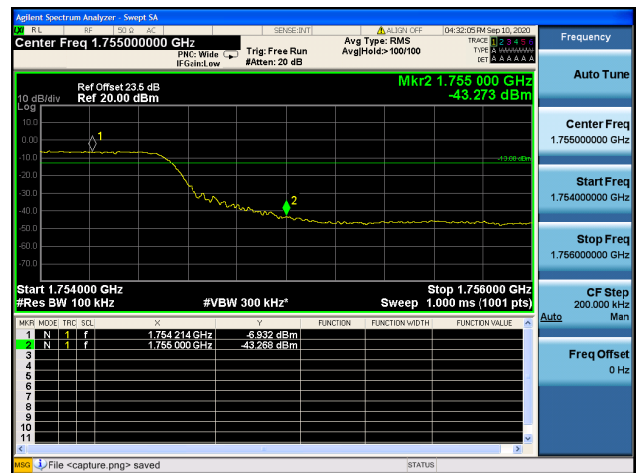
Band4 / 10MHz / Low CH / QPSK / FULL RB



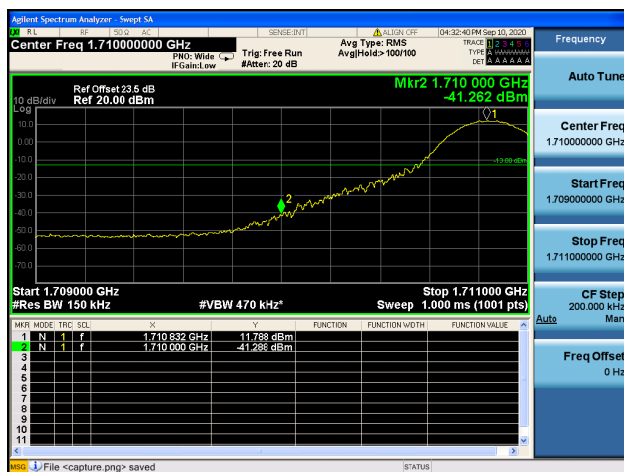
Band4 / 10MHz / High CH / QPSK / 1 RB



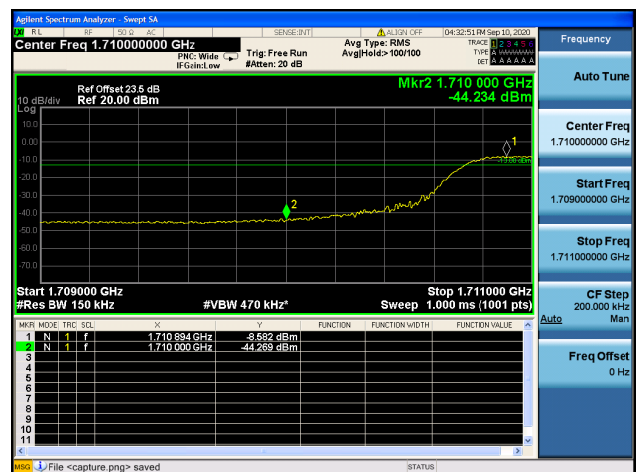
Band4 / 10MHz / High CH / QPSK / FULL RB

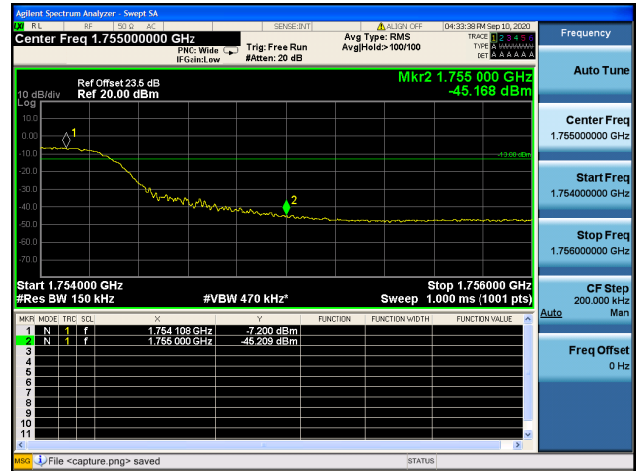
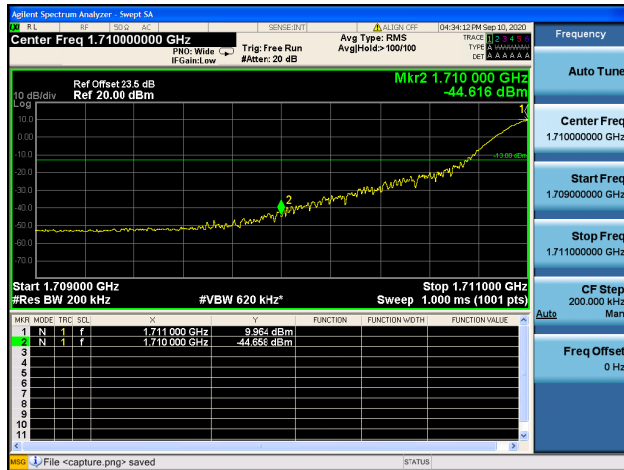
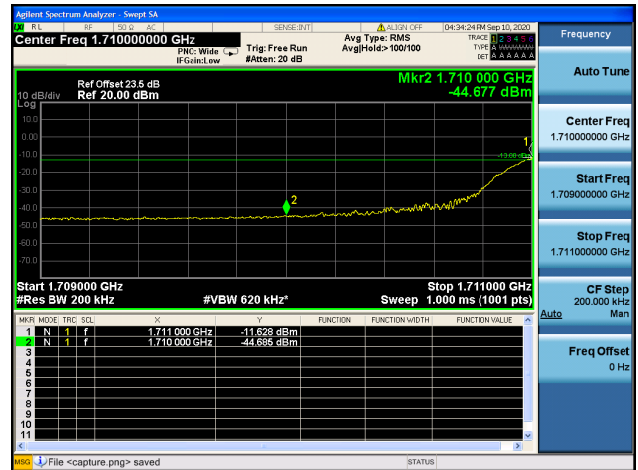


Band4 / 15MHz / Low CH / QPSK / 1 RB



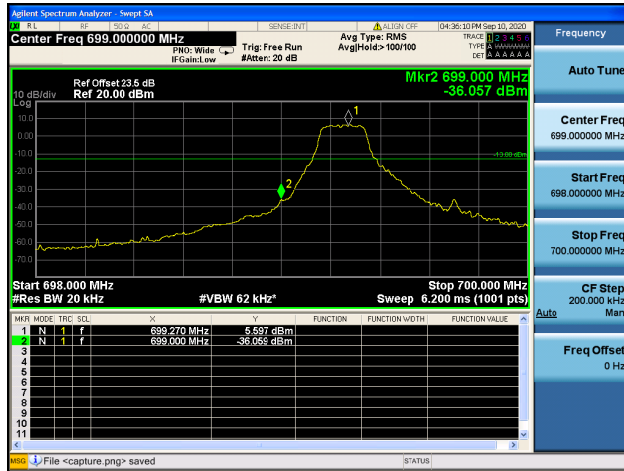
Band4 / 15MHz / Low CH / QPSK / FULL RB



**Band4 / 15MHz / High CH / QPSK / 1 RB****Band4 / 15MHz / High CH / QPSK / FULL RB****Band4 / 20MHz / Low CH / QPSK / 1 RB****Band4 / 20MHz / Low CH / QPSK / FULL RB****Band4 / 20MHz / High CH / QPSK / 1 RB****Band4 / 20MHz / High CH / QPSK / FULL RB**



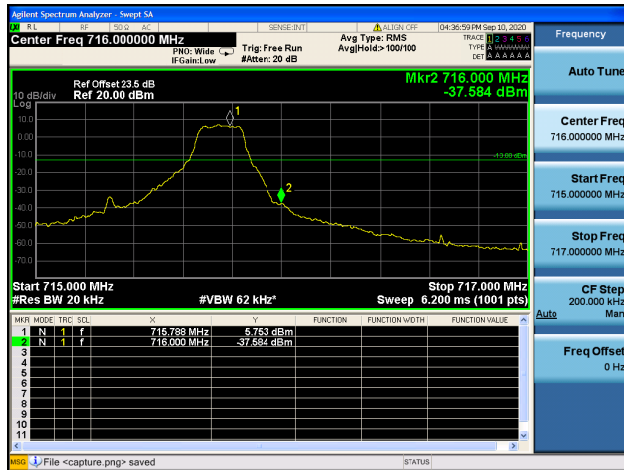
Band12 / 1.4MHz / Low CH / QPSK / 1 RB



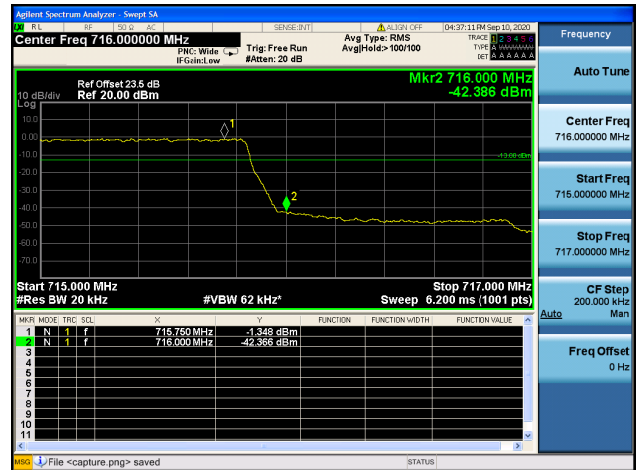
Band12 / 1.4MHz / Low CH / QPSK / FULL RB



Band12 / 1.4MHz / High CH / QPSK / 1 RB



Band12 / 1.4MHz / High CH / QPSK / FULL RB



Band12 / 3MHz / Low CH / QPSK / 1 RB



Band12 / 3MHz / Low CH / QPSK / FULL RB

