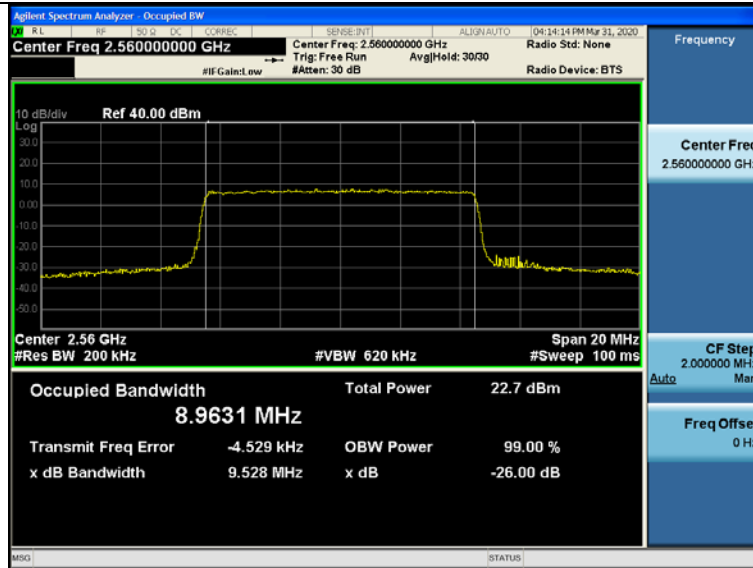
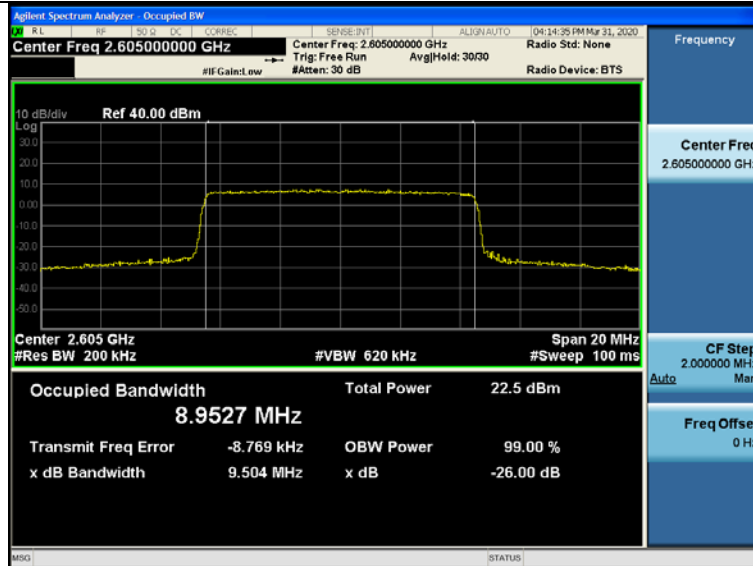




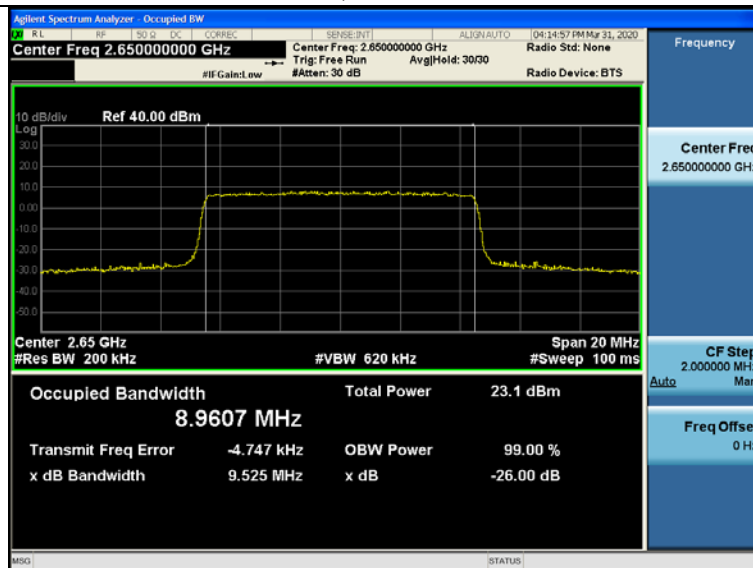
Band41-10MHz-16QAM-40290-50RB#0-8.9631



Band41-10MHz-16QAM-40740-50RB#0-8.9527

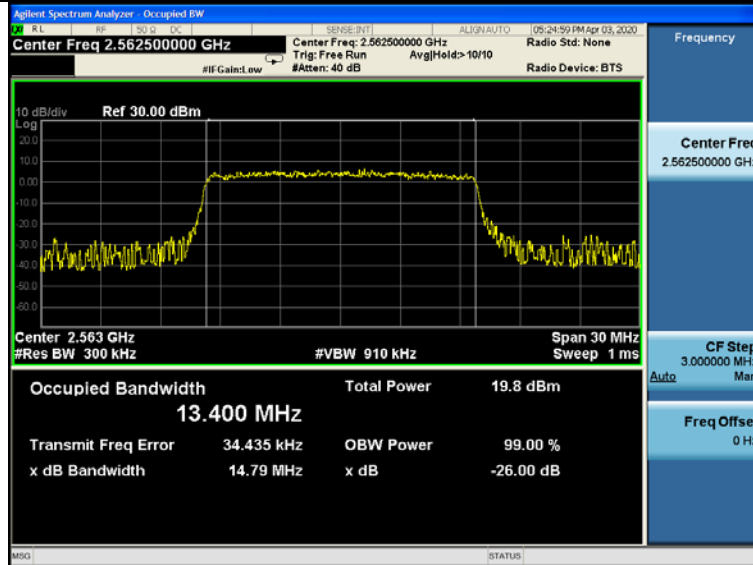


Band41-10MHz-16QAM-41190-50RB#0-8.9607

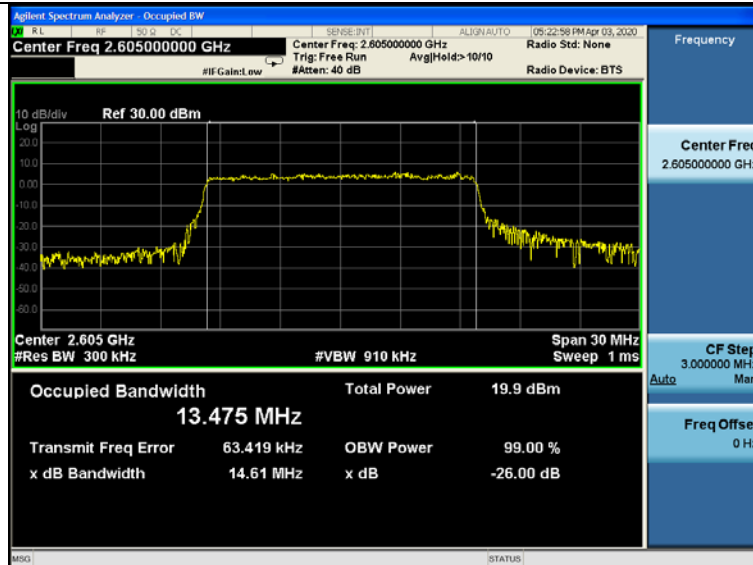




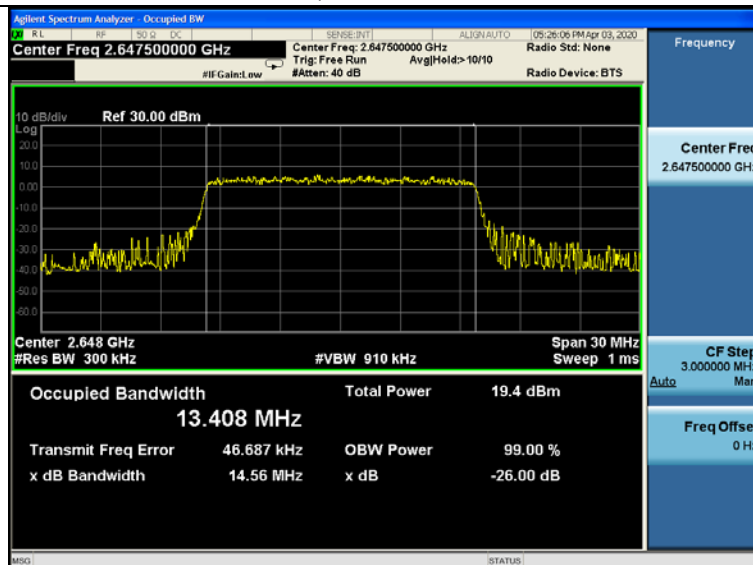
Band41-15MHz-QPSK-40315-75RB#0-13.400



Band41-15MHz-QPSK-40740-75RB#0-13.475

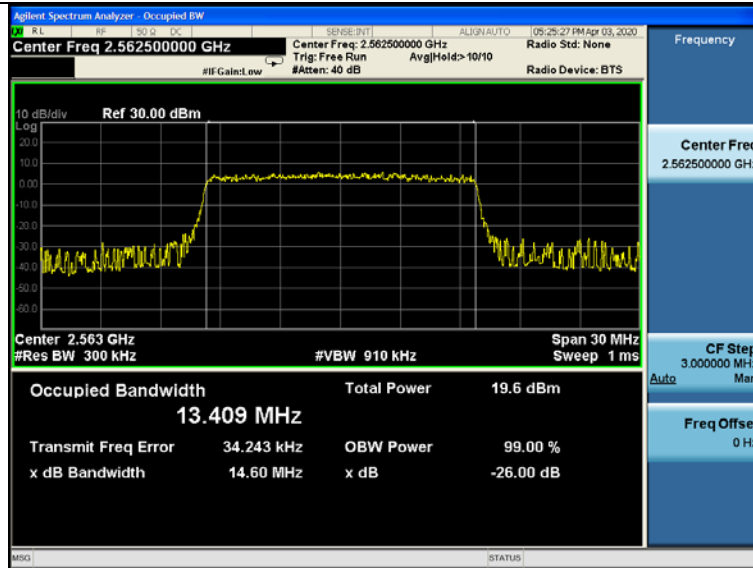


Band41-15MHz-QPSK-41165-75RB#0-13.408

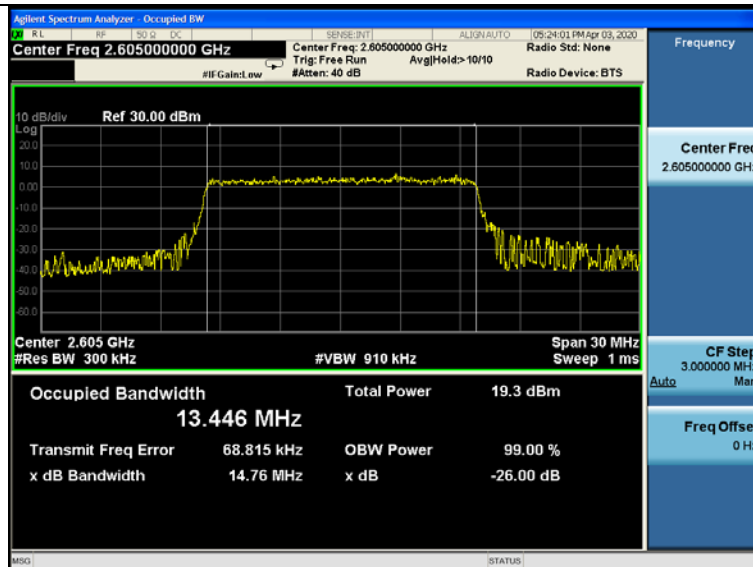




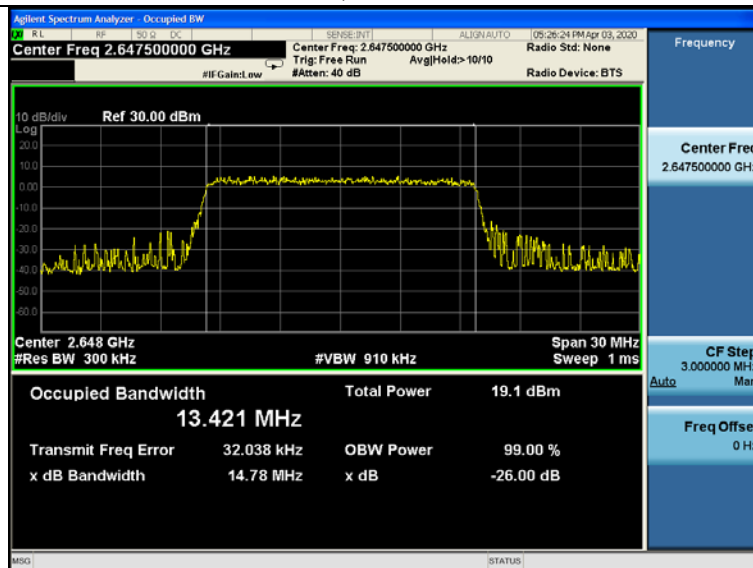
Band41-15MHz-16QAM-40315-75RB#0-13.409



Band41-15MHz-16QAM-40740-75RB#0-13.446

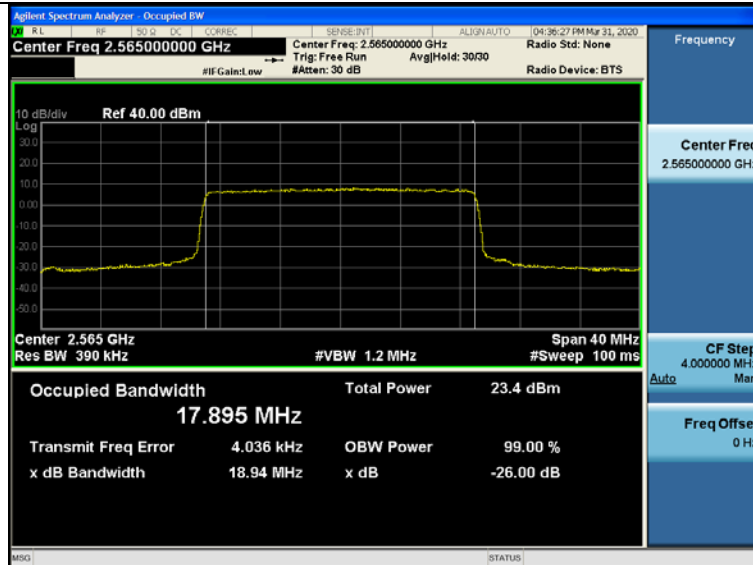


Band41-15MHz-16QAM-41165-75RB#0-13.421

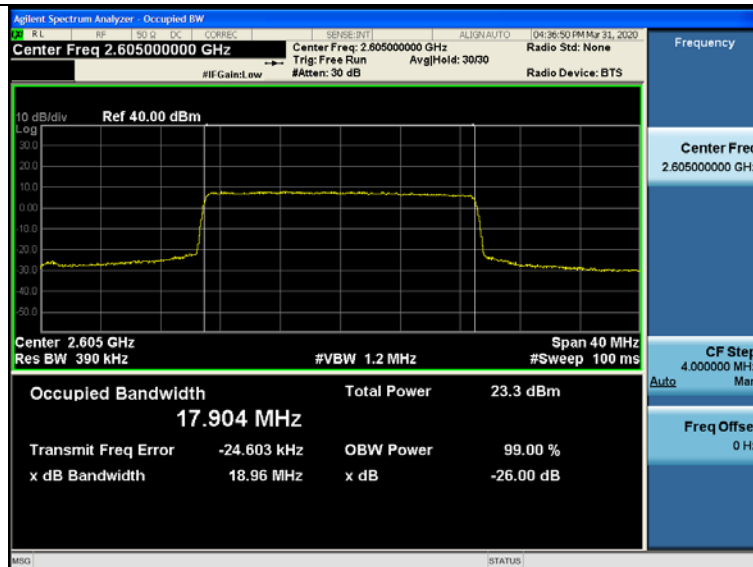




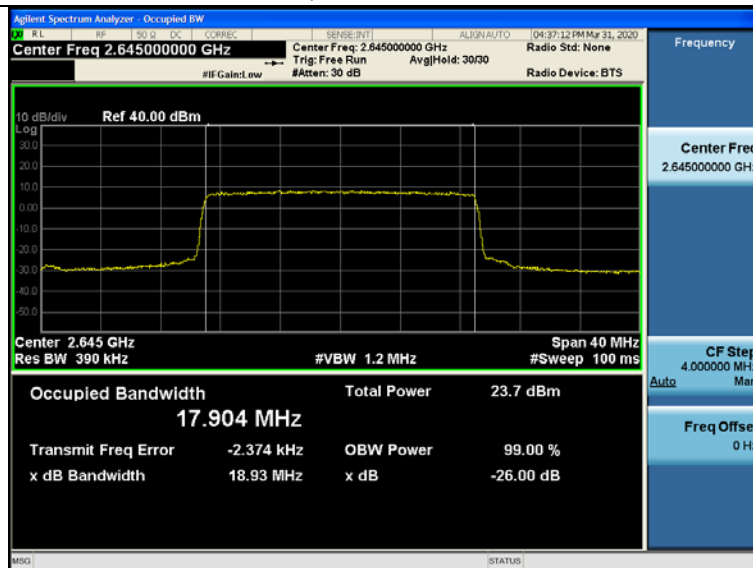
Band41-20MHz-QPSK-40340-100RB#0-17.895



Band41-20MHz-QPSK-40740-100RB#0-17.900

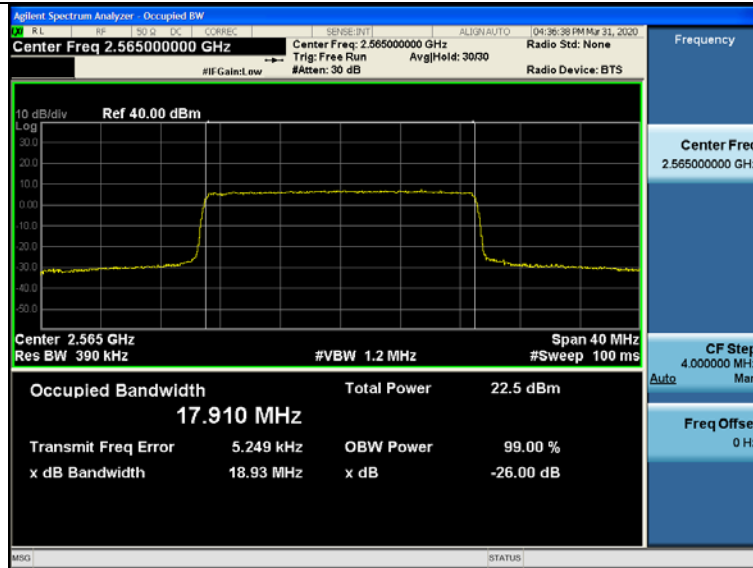


Band41-20MHz-QPSK-41140-100RB#0-17.904

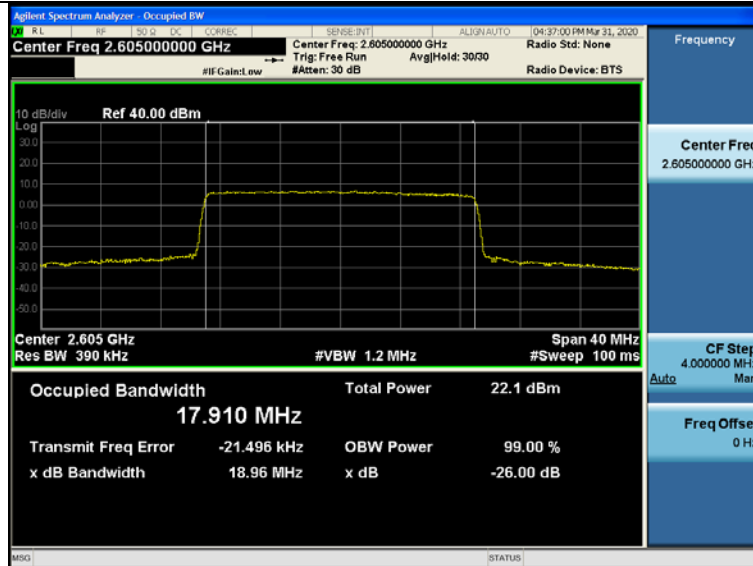




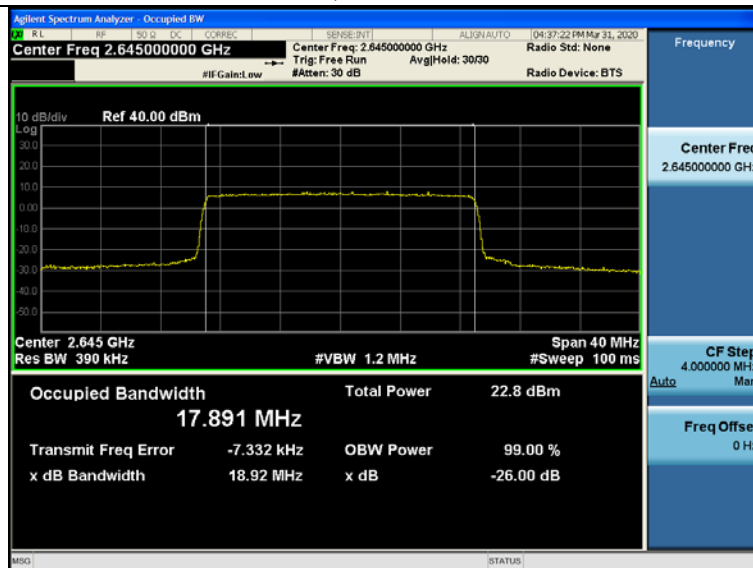
Band41-20MHz-16QAM-40340-100RB#0-17.910



Band41-20MHz-16QAM-40740-100RB#0-17.710



Band41-20MHz-16QAM-41140-100RB#0-17.891



6 SPURIOUS EMISSIONS AT ANTENNA TERMINALS

6.1.1 Limit

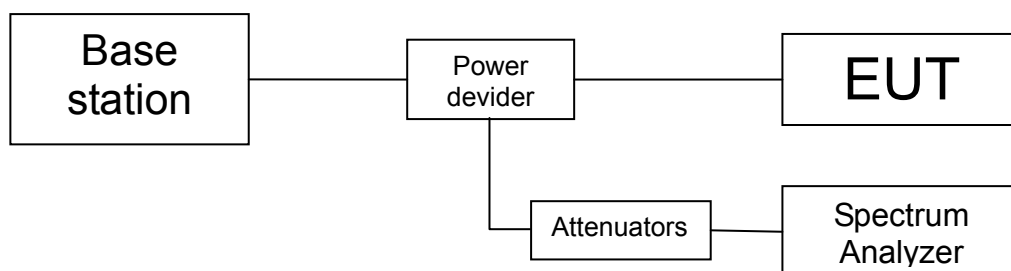
The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ dB (-13 dBm).

Band7: 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.

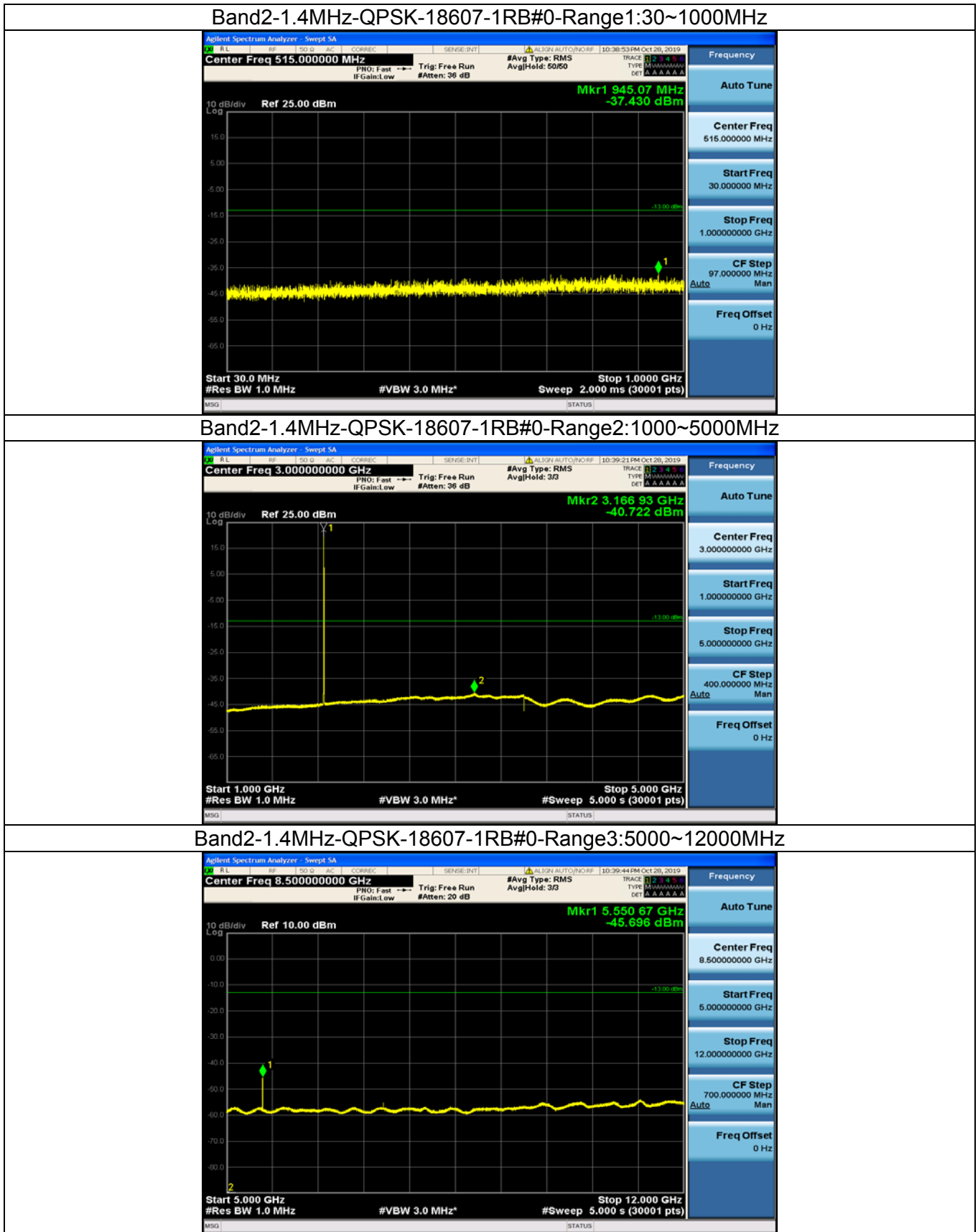
6.1.2 Test procedure

1. The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation.
2. The resolution bandwidth of the spectrum analyzer was set at 100 kHz when below 1GHz, 1MHz when above 1 GHz; sufficient scans were taken to show the out of band Emissions if any up to 10th harmonic.
3. For the out of band: Set the RBW=100 kHz, VBW=300 kHz when below 1 GHz, RBW = 1 MHz, VBW=3 MHz when above 1 GHz, Start=30MHz, Stop= 10th harmonic.
4. Band Edge Requirements: In the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 1 percent of the emission bandwidth of the fundamental emission of the transmitter may be employed to measure the out of band Emissions.

6.1.3 Test setup



6.1.4 Test results

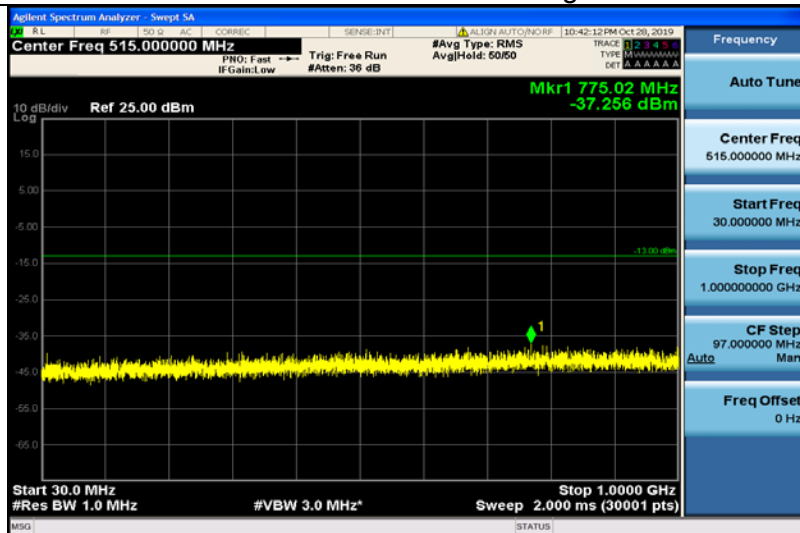




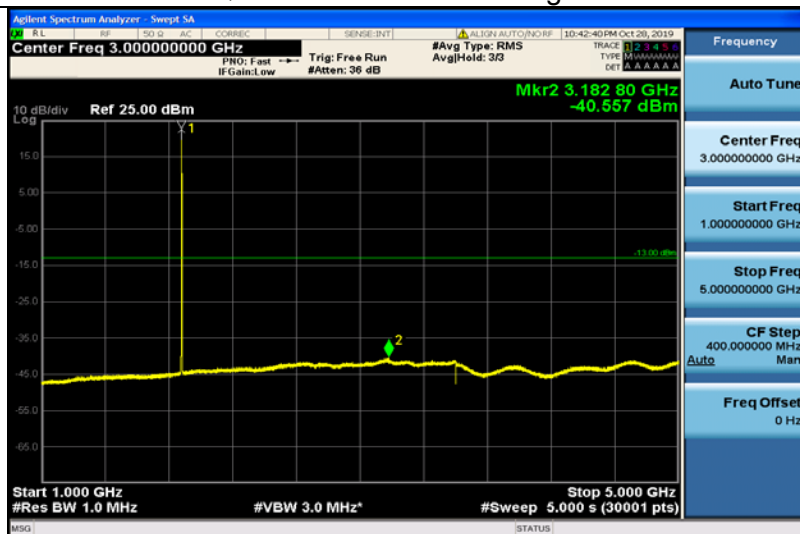
Band2-1.4MHz-QPSK-18607-1RB#0-Range4:12000~26500MHz



Band2-1.4MHz-QPSK-18900-1RB#0-Range1:30~1000MHz

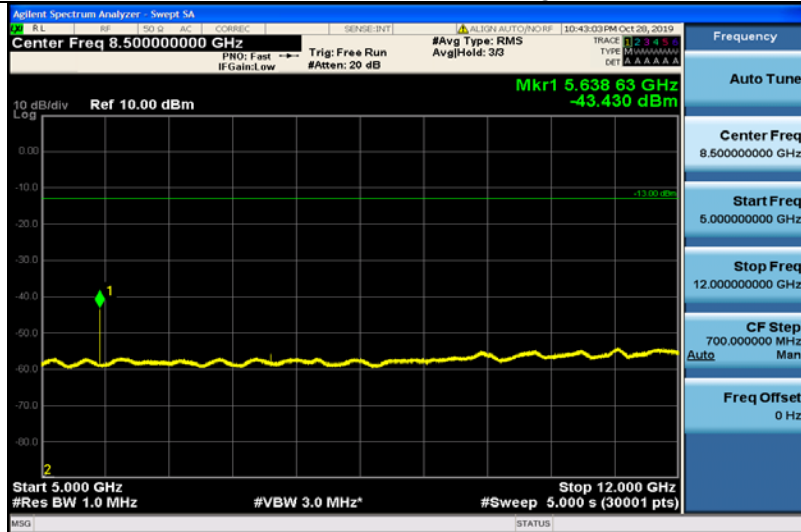


Band2-1.4MHz-QPSK-18900-1RB#0-Range2:1000~5000MHz





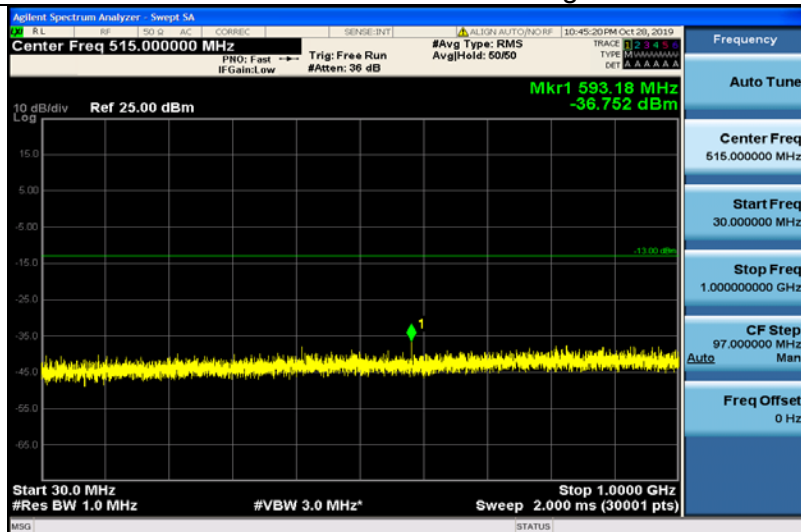
Band2-1.4MHz-QPSK-18900-1RB#0-Range3:5000~12000MHz



Band2-1.4MHz-QPSK-18900-1RB#0-Range4:12000~26500MHz

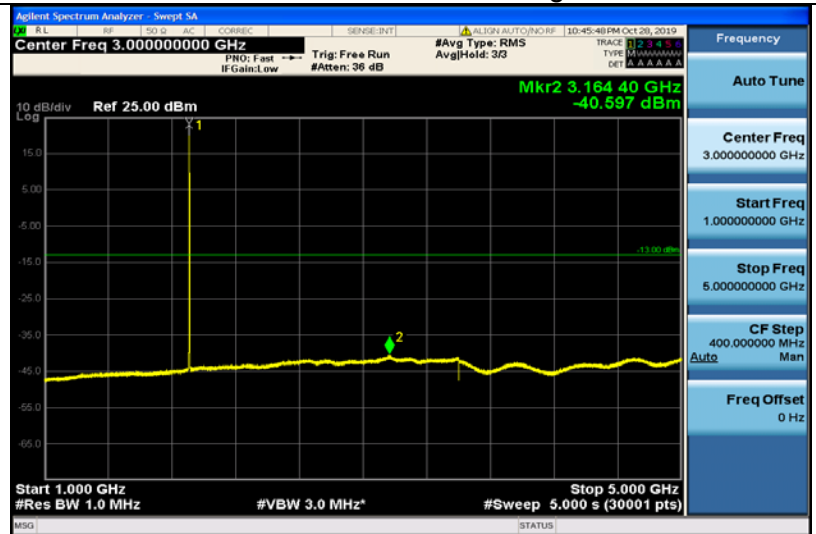


Band2-1.4MHz-QPSK-19193-1RB#0-Range1:30~1000MHz

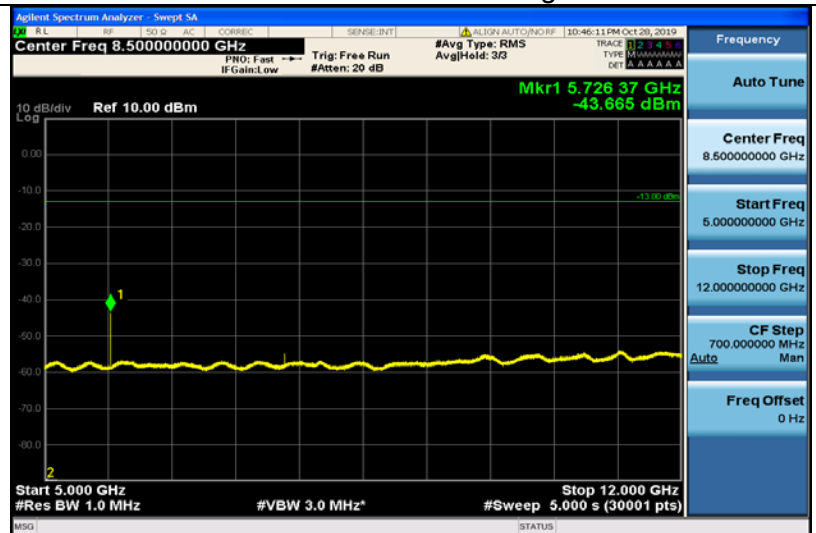




Band2-1.4MHz-QPSK-19193-1RB#0-Range2:1000~5000MHz



Band2-1.4MHz-QPSK-19193-1RB#0-Range3:5000~12000MHz

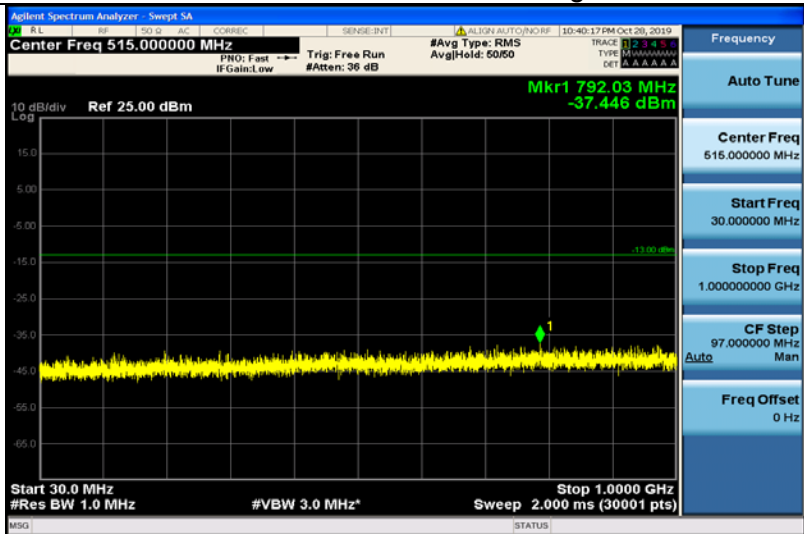


Band2-1.4MHz-QPSK-19193-1RB#0-Range4:12000~26500MHz

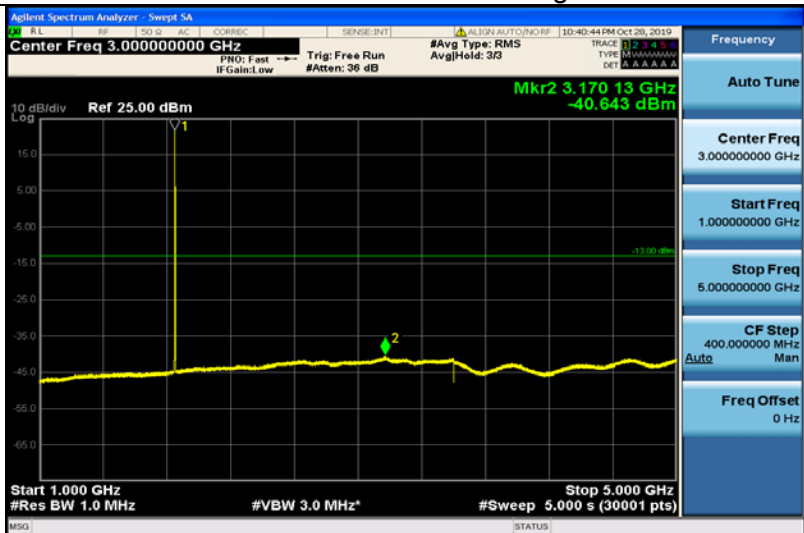




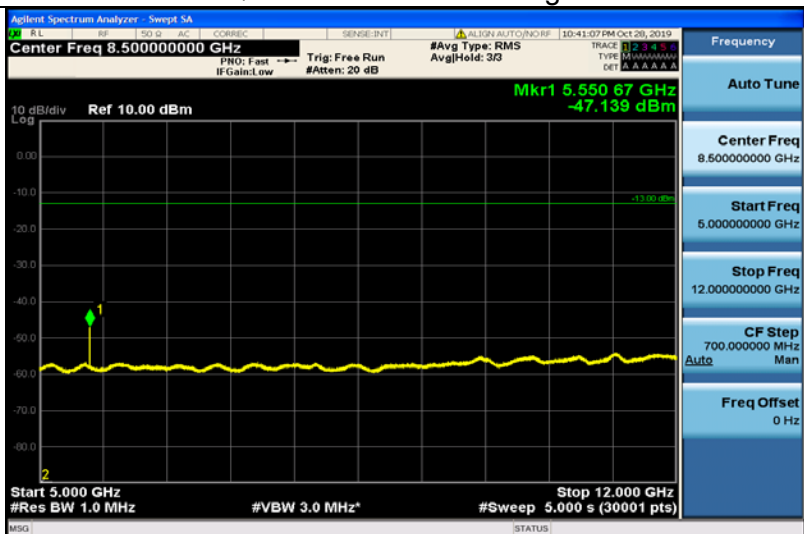
Band2-1.4MHz-16QAM-18607-1RB#0-Range1:30~1000MHz



Band2-1.4MHz-16QAM-18607-1RB#0-Range2:1000~5000MHz



Band2-1.4MHz-16QAM-18607-1RB#0-Range3:5000~12000MHz

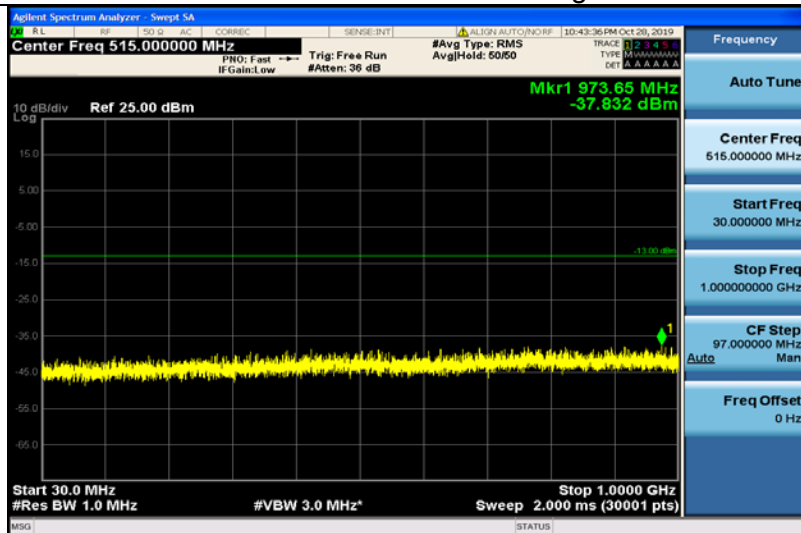




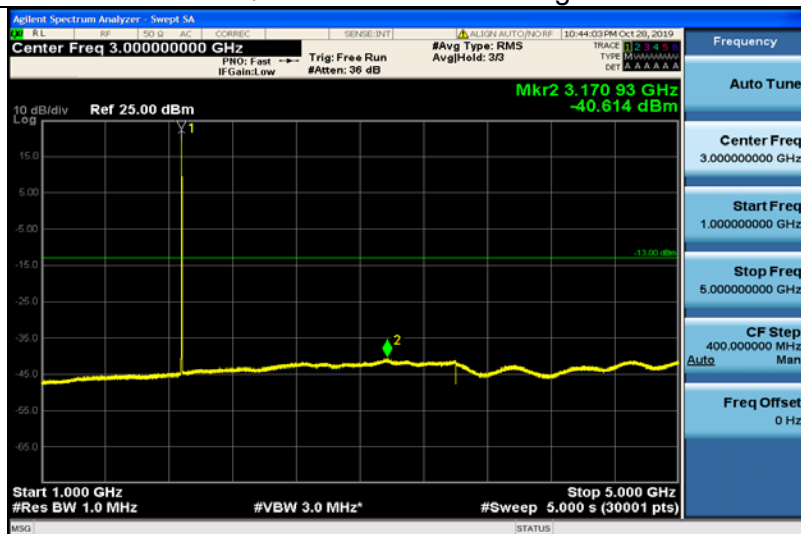
Band2-1.4MHz-16QAM-18607-1RB#0-Range4:12000~26500MHz



Band2-1.4MHz-16QAM-18900-1RB#0-Range1:30~1000MHz

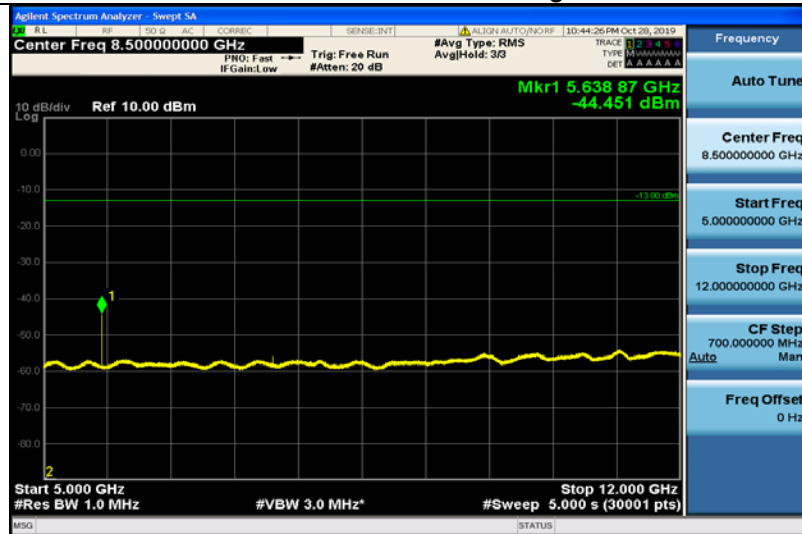


Band2-1.4MHz-16QAM-18900-1RB#0-Range2:1000~5000MHz





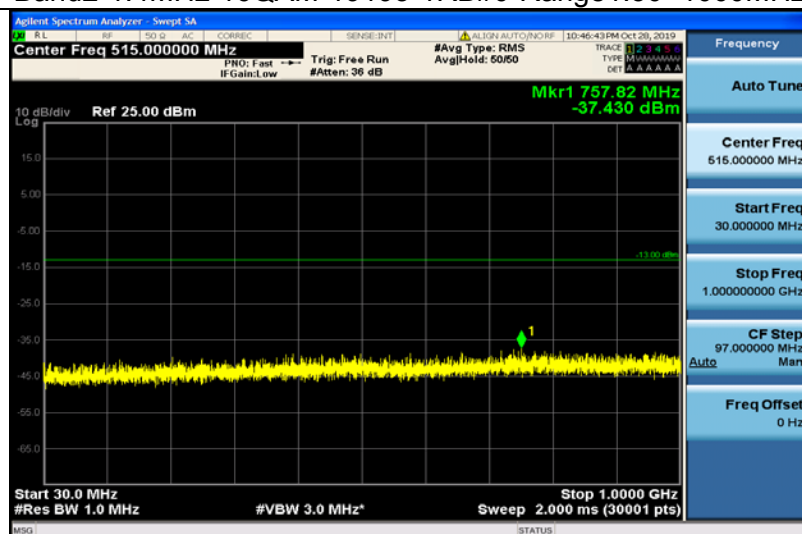
Band2-1.4MHz-16QAM-18900-1RB#0-Range3:5000~12000MHz



Band2-1.4MHz-16QAM-18900-1RB#0-Range4:12000~26500MHz

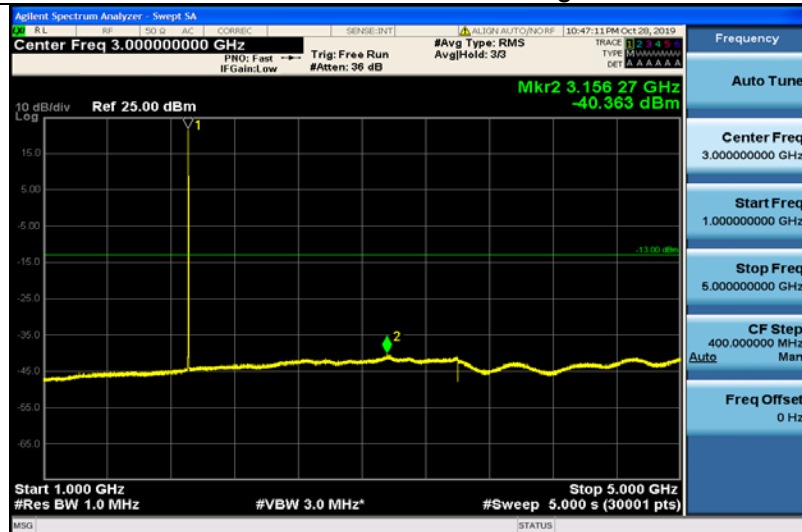


Band2-1.4MHz-16QAM-19193-1RB#0-Range1:30~1000MHz

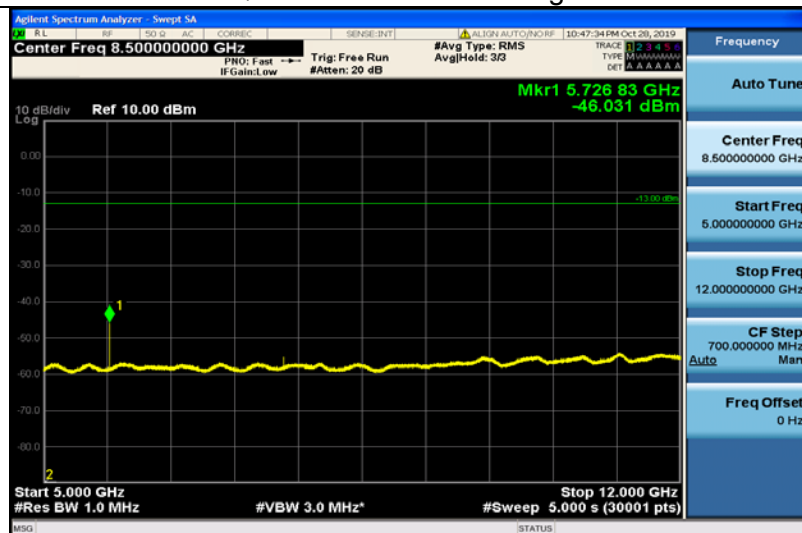




Band2-1.4MHz-16QAM-19193-1RB#0-Range2:1000~5000MHz



Band2-1.4MHz-16QAM-19193-1RB#0-Range3:5000~12000MHz

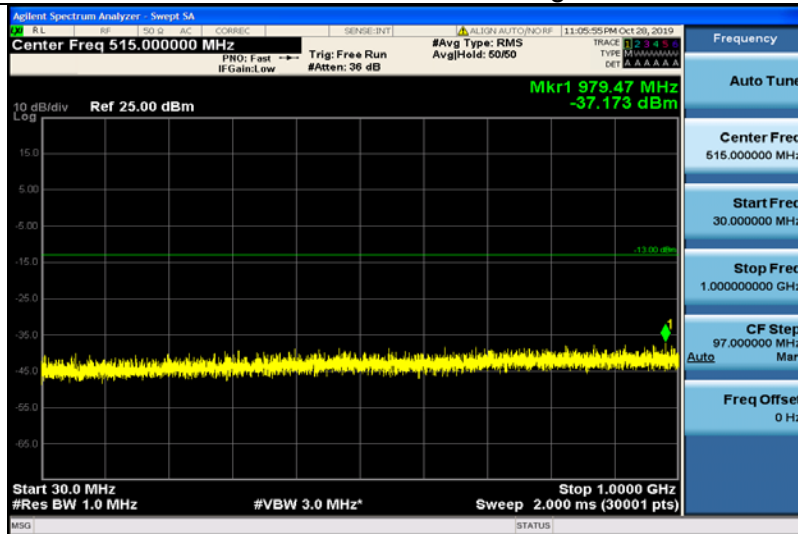


Band2-1.4MHz-16QAM-19193-1RB#0-Range4:12000~26500MHz

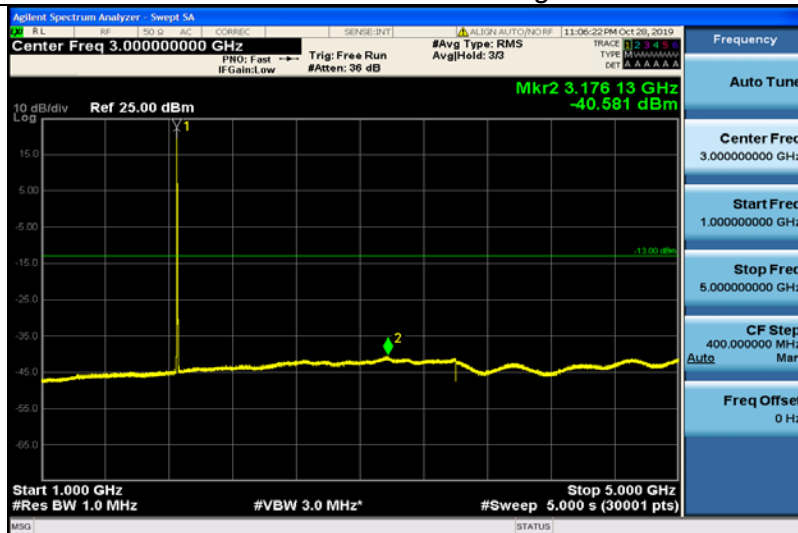




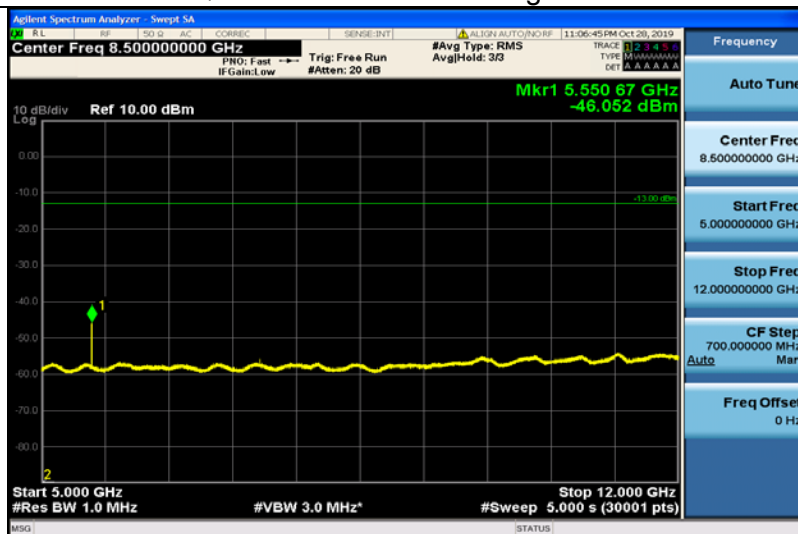
Band2-3MHz-QPSK-18615-1RB#0-Range1:30~1000MHz



Band2-3MHz-QPSK-18615-1RB#0-Range2:1000~5000MHz



Band2-3MHz-QPSK-18615-1RB#0-Range3:5000~12000MHz

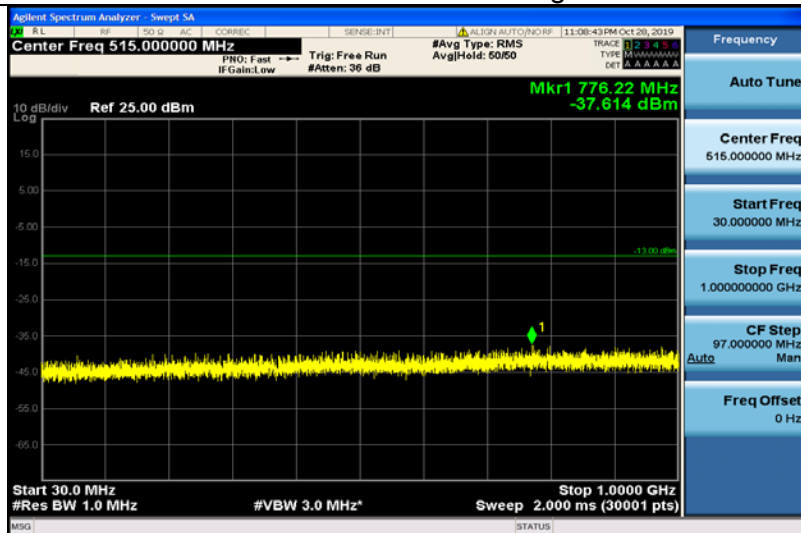




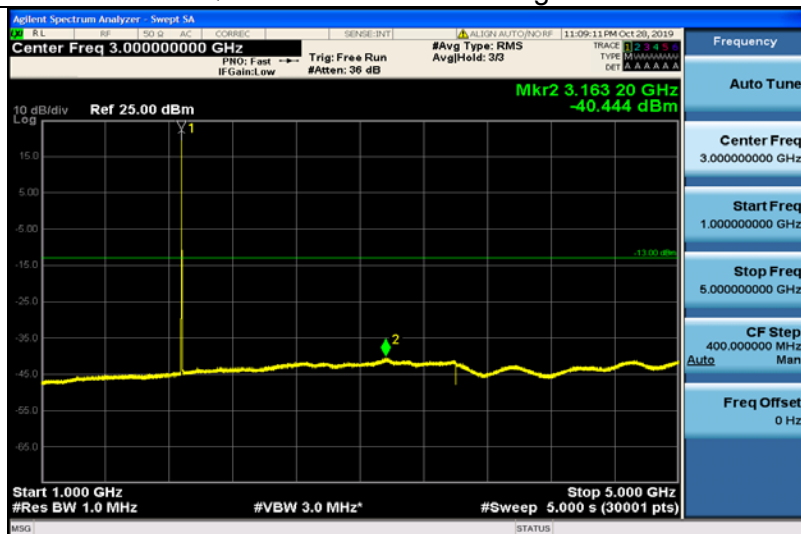
Band2-3MHz-QPSK-18615-1RB#0-Range4:12000~26500MHz



Band2-3MHz-QPSK-18900-1RB#0-Range1:30~1000MHz

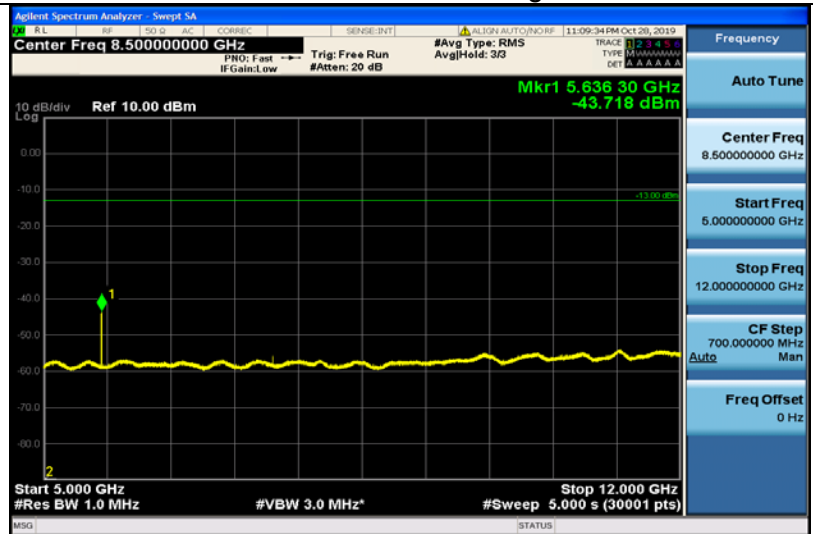


Band2-3MHz-QPSK-18900-1RB#0-Range2:1000~5000MHz





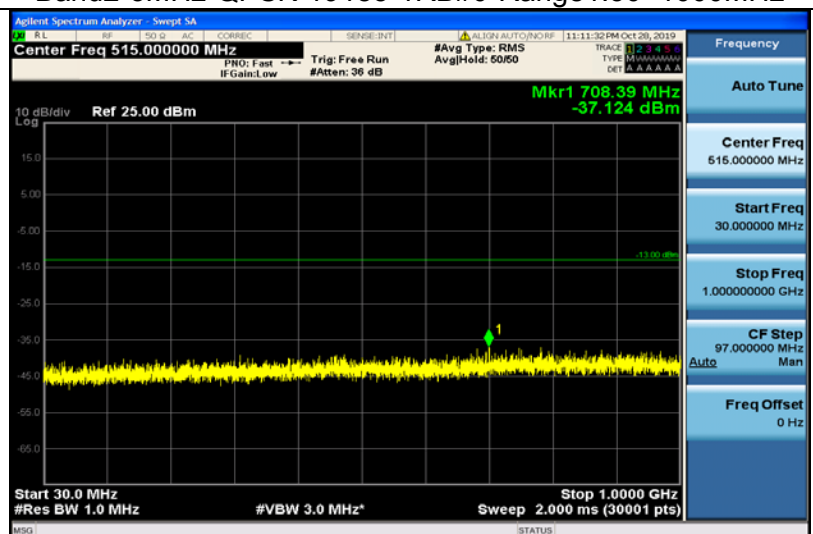
Band2-3MHz-QPSK-18900-1RB#0-Range3:5000~12000MHz



Band2-3MHz-QPSK-18900-1RB#0-Range4:12000~26500MHz

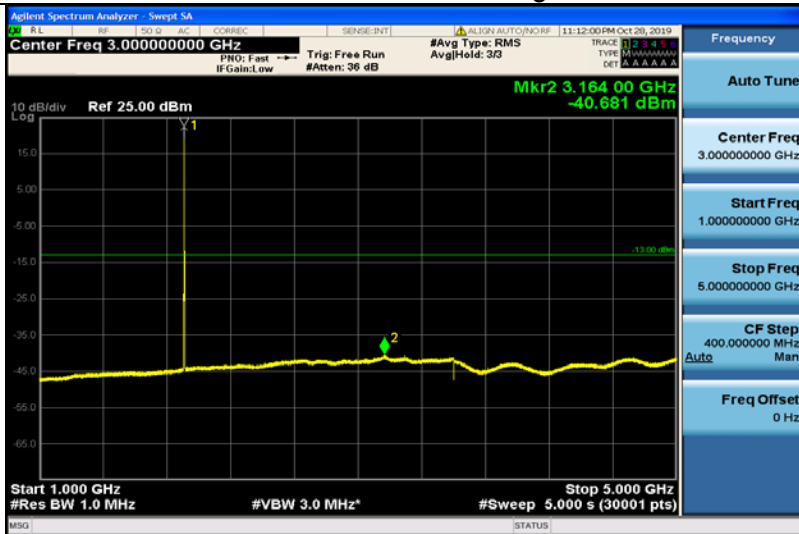


Band2-3MHz-QPSK-19185-1RB#0-Range1:30~1000MHz

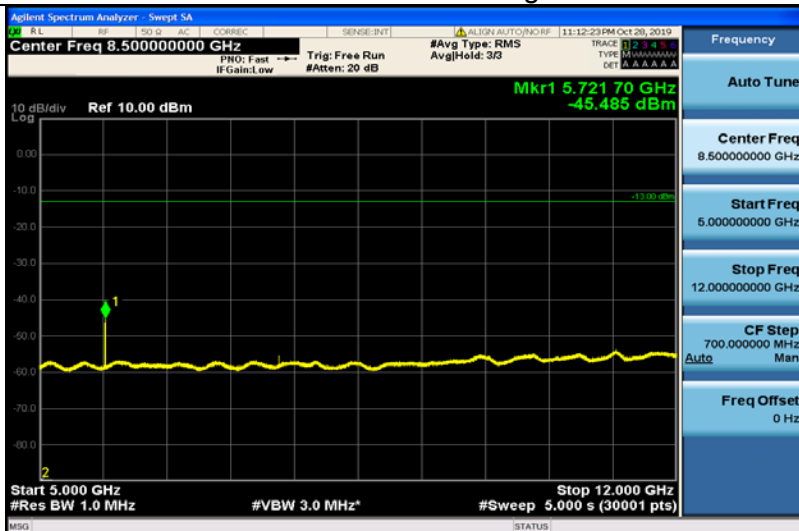




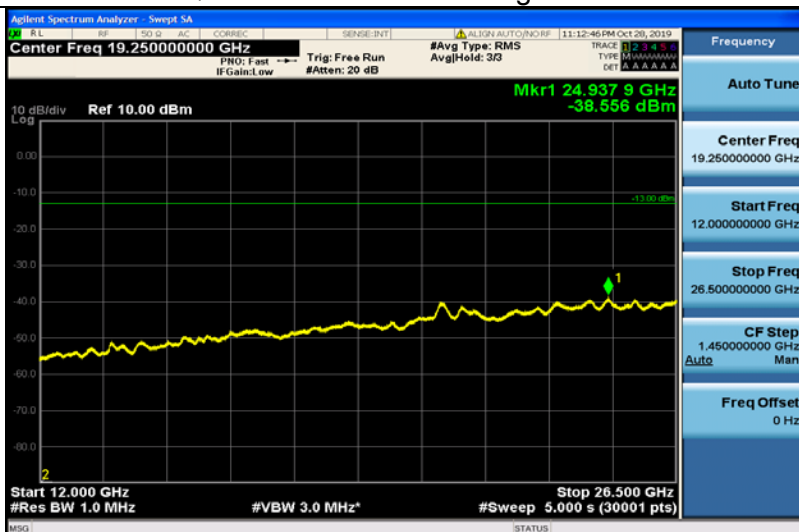
Band2-3MHz-QPSK-19185-1RB#0-Range2:1000~5000MHz



Band2-3MHz-QPSK-19185-1RB#0-Range3:5000~12000MHz

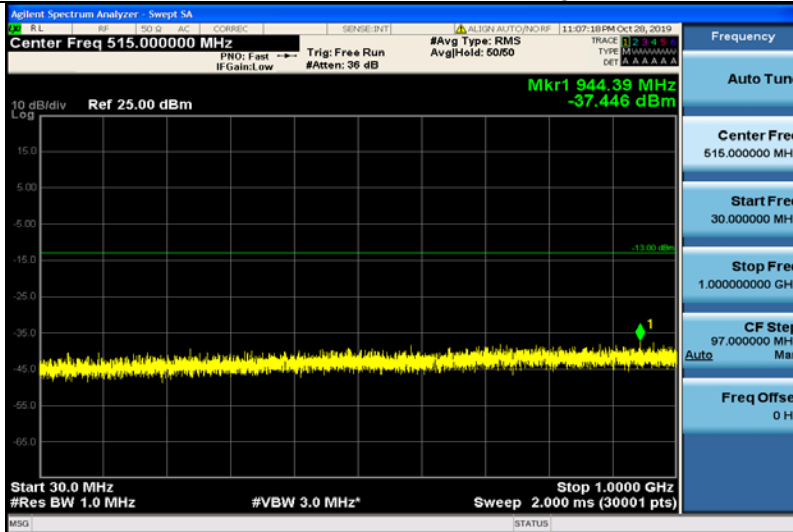


Band2-3MHz-QPSK-19185-1RB#0-Range4:12000~26500MHz





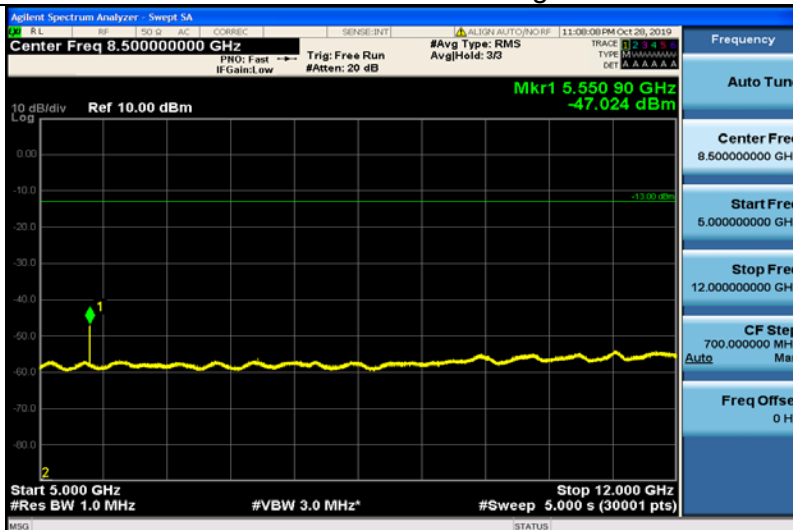
Band2-3MHz-16QAM-18615-1RB#0-Range1:30~1000MHz



Band2-3MHz-16QAM-18615-1RB#0-Range2:1000~5000MHz



Band2-3MHz-16QAM-18615-1RB#0-Range3:5000~12000MHz

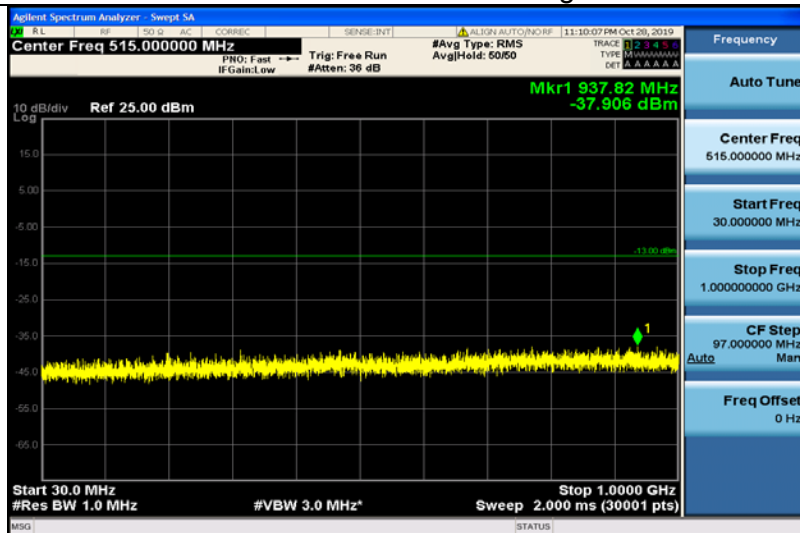




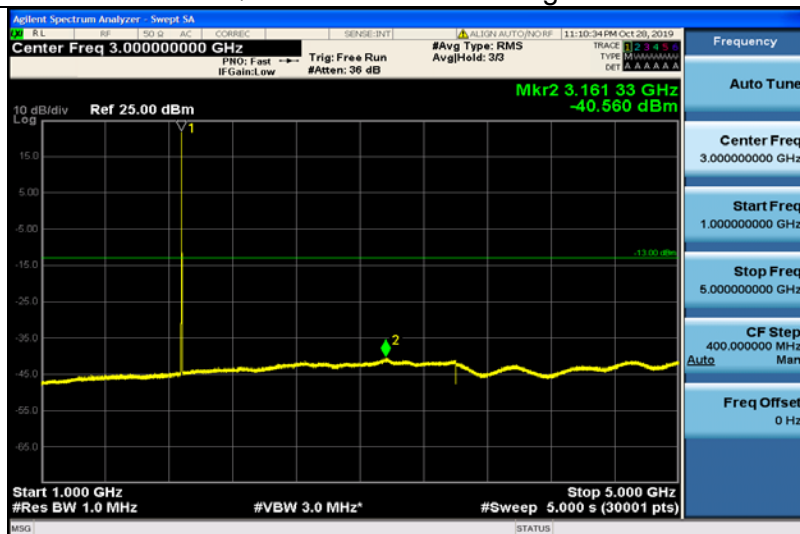
Band2-3MHz-16QAM-18615-1RB#0-Range4:12000~26500MHz



Band2-3MHz-16QAM-18900-1RB#0-Range1:30~1000MHz

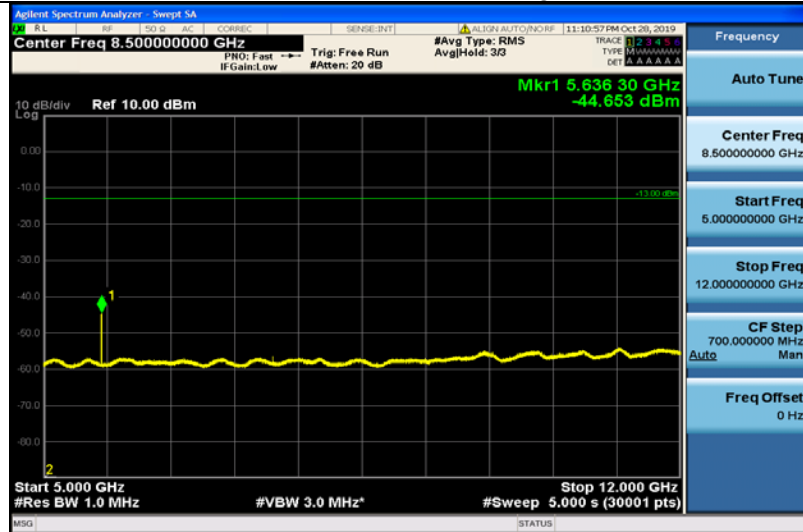


Band2-3MHz-16QAM-18900-1RB#0-Range2:1000~5000MHz





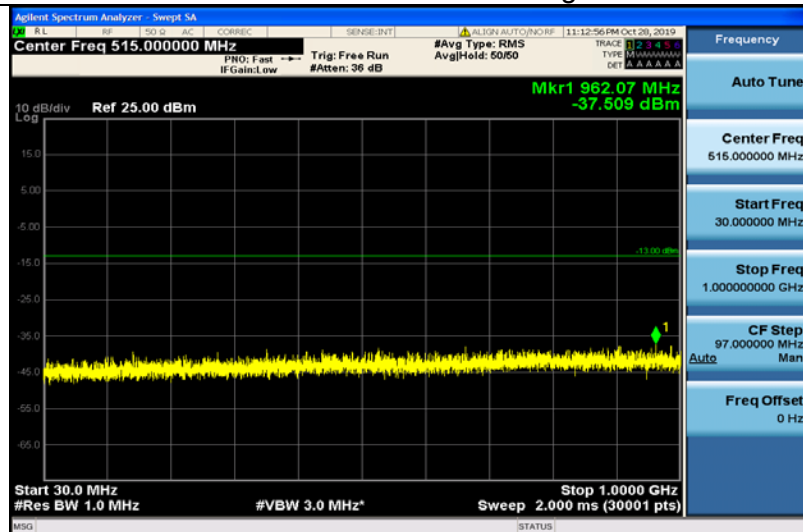
Band2-3MHz-16QAM-18900-1RB#0-Range3:5000~12000MHz



Band2-3MHz-16QAM-18900-1RB#0-Range4:12000~26500MHz

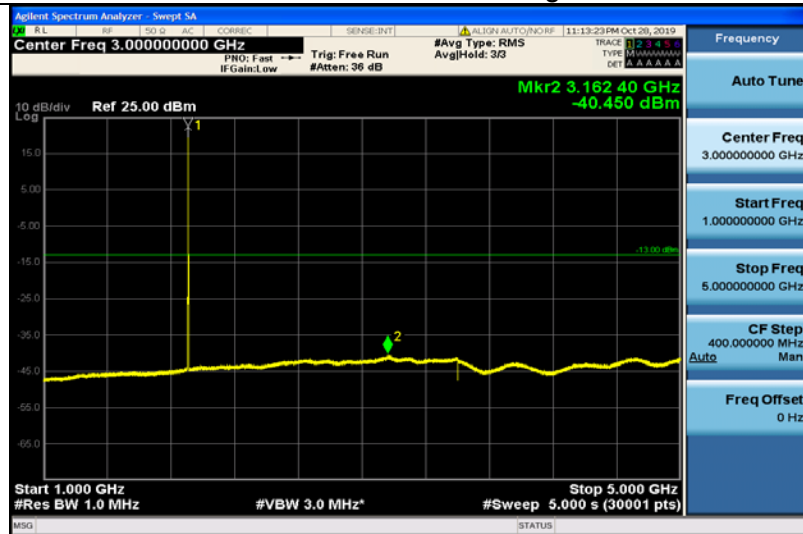


Band2-3MHz-16QAM-19185-1RB#0-Range1:30~1000MHz

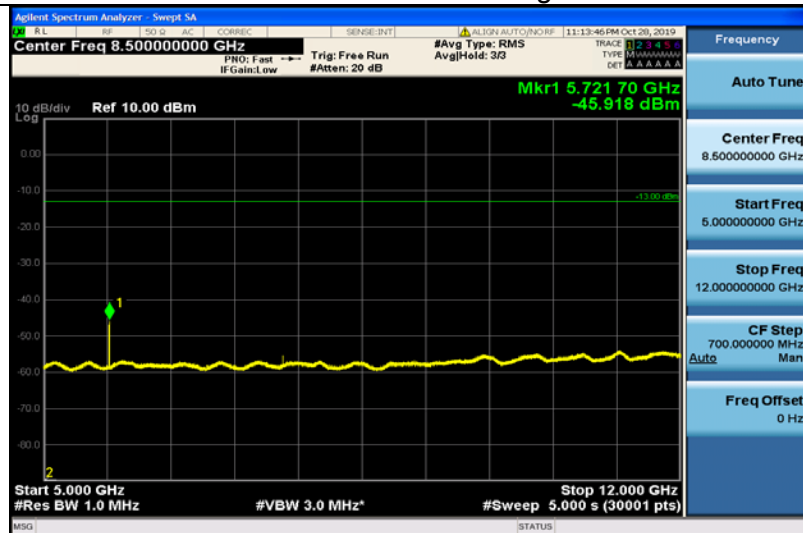




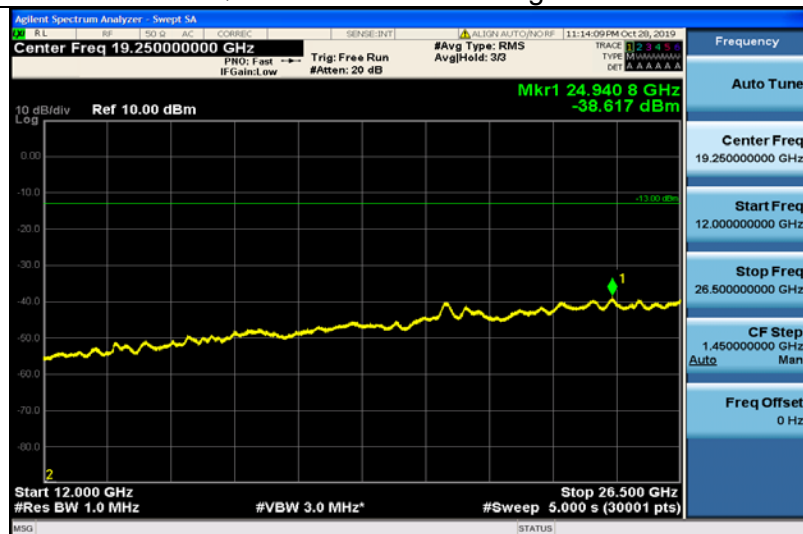
Band2-3MHz-16QAM-19185-1RB#0-Range2:1000~5000MHz



Band2-3MHz-16QAM-19185-1RB#0-Range3:5000~12000MHz

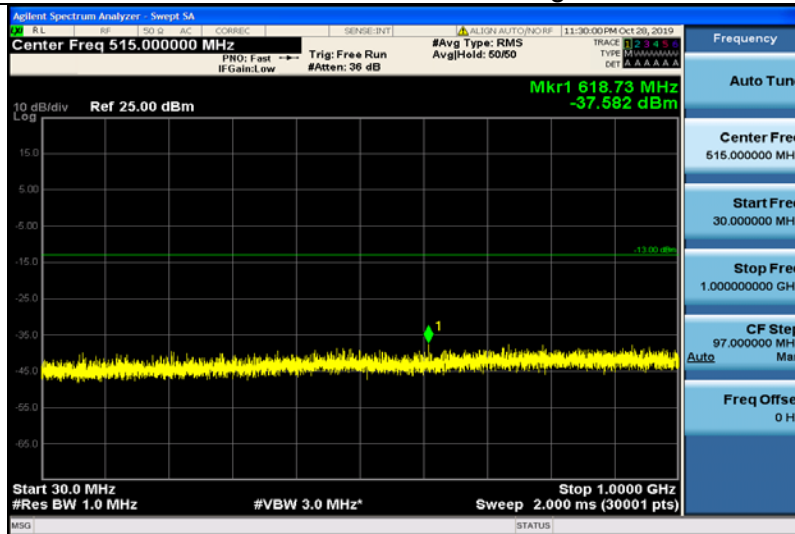


Band2-3MHz-16QAM-19185-1RB#0-Range4:12000~26500MHz





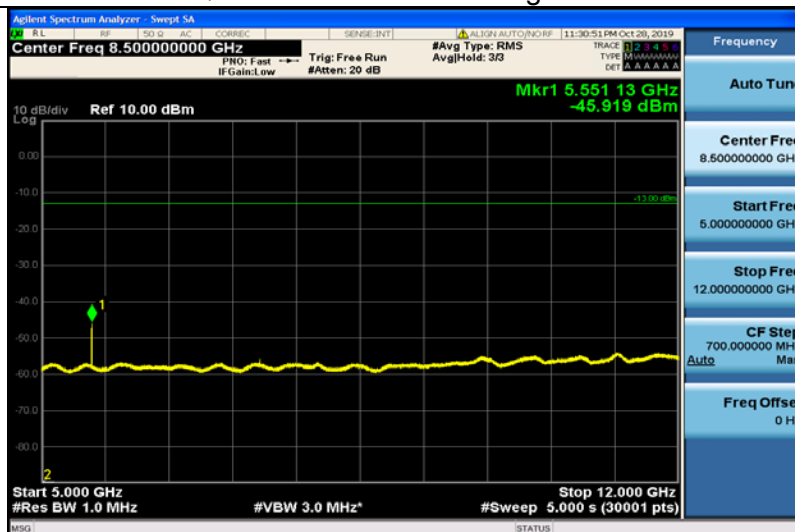
Band2-5MHz-QPSK-18625-1RB#0-Range1:30~1000MHz



Band2-5MHz-QPSK-18625-1RB#0-Range2:1000~5000MHz



Band2-5MHz-QPSK-18625-1RB#0-Range3:5000~12000MHz

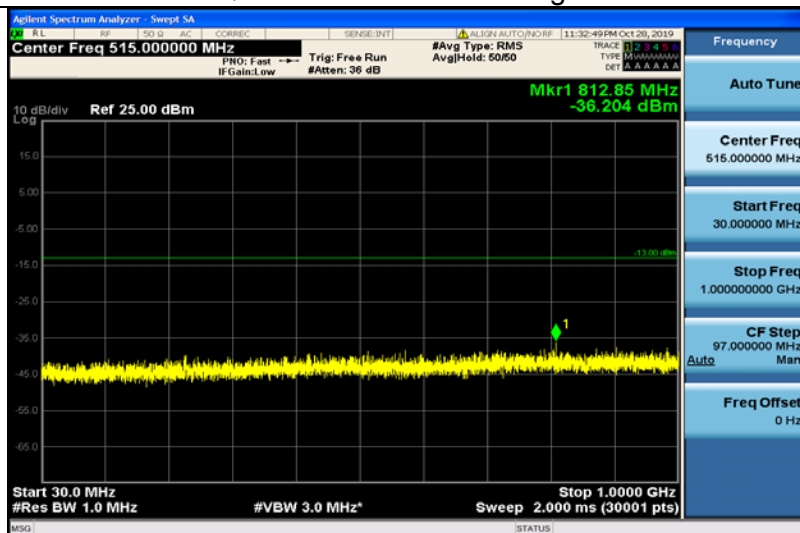




Band2-5MHz-QPSK-18625-1RB#0-Range4:12000~26500MHz



Band2-5MHz-QPSK-18900-1RB#0-Range1:30~1000MHz



Band2-5MHz-QPSK-18900-1RB#0-Range2:1000~5000MHz

