

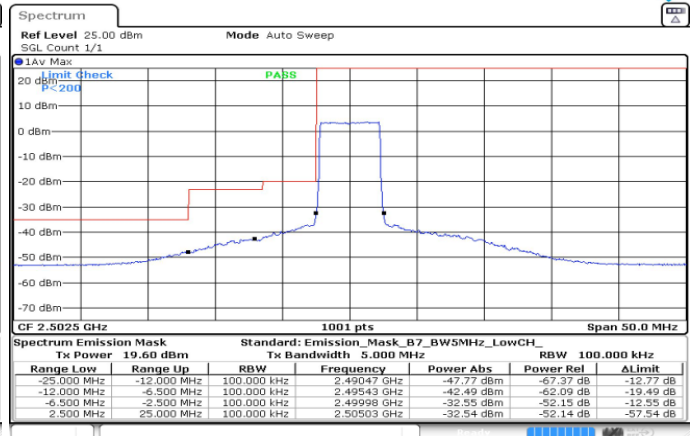
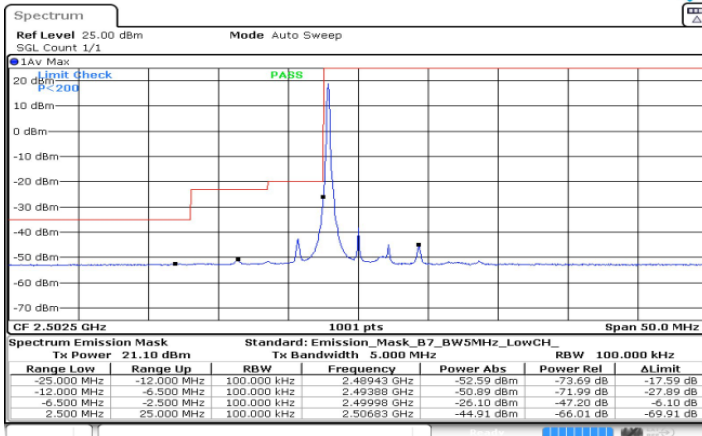
Band 7, 5MHz 16-QAM , Low CH 20775

RB = 1

Offset = 0

RB = X (100%)

Offset = 0



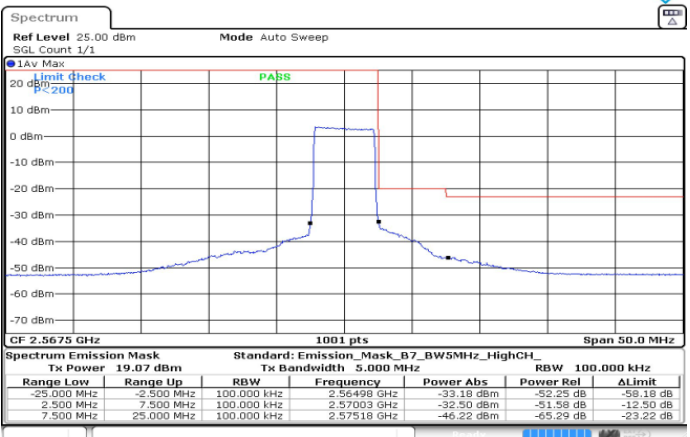
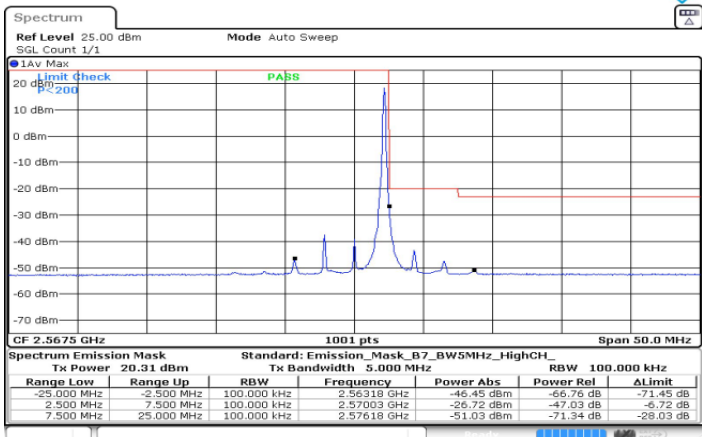
Band 7, 5MHz 16-QAM , High CH 21425

RB = 1

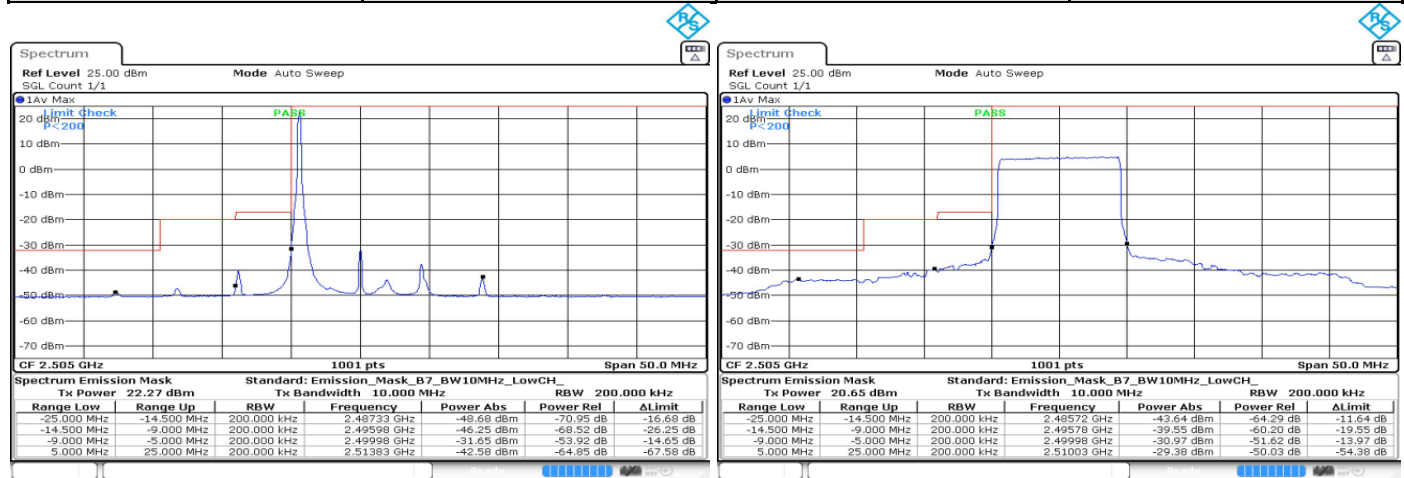
Offset =X-1

RB = X (100%)

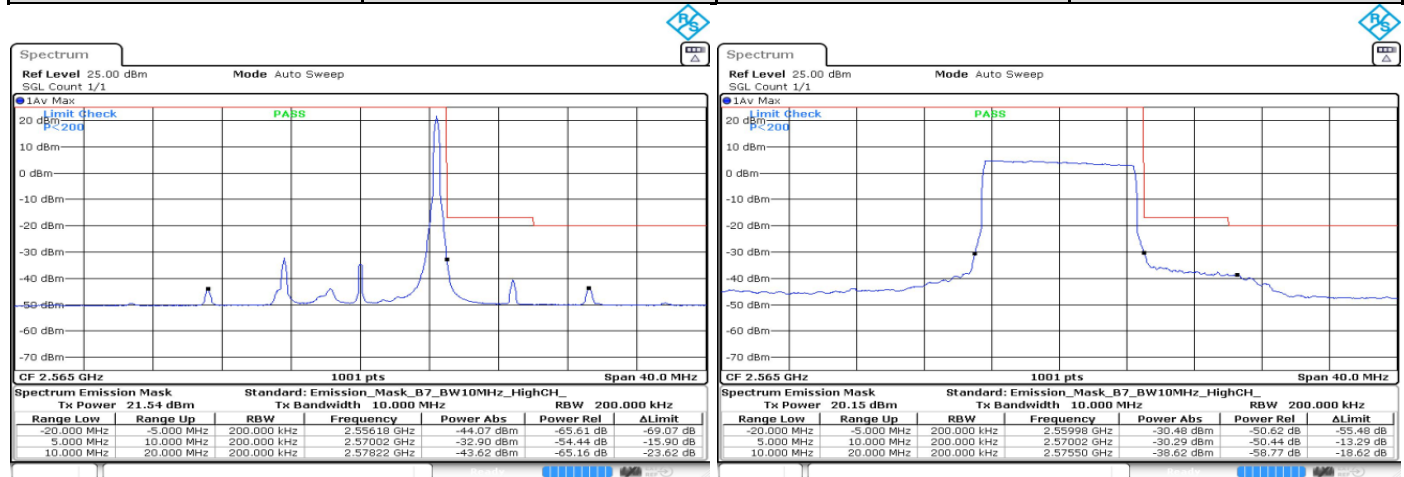
Offset = 0



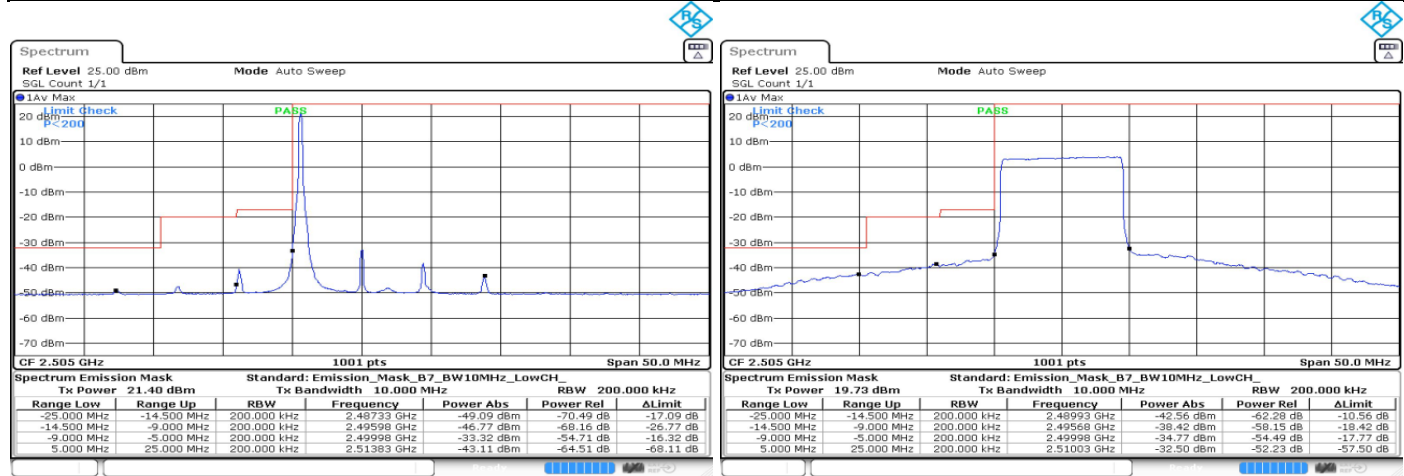
Band 7, 10MHz QPSK, Low CH 20800			
RB = 1	Offset = 0	RB = X (100%)	Offset = 0



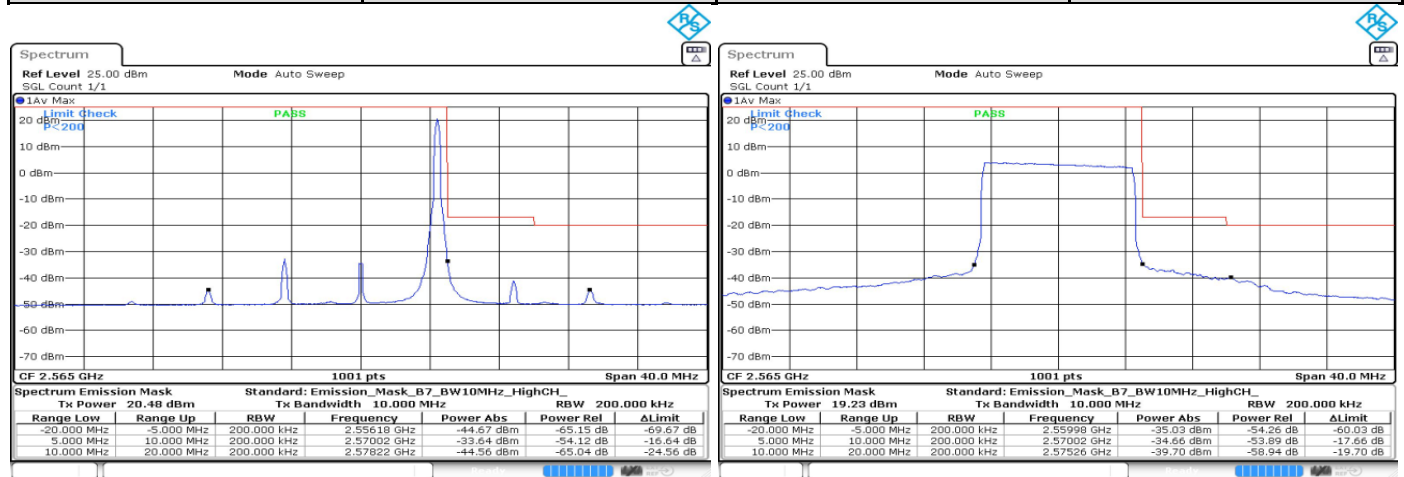
Band 7, 10MHz QPSK, High CH 21400			
RB = 1	Offset =X-1	RB = X (100%)	Offset = 0



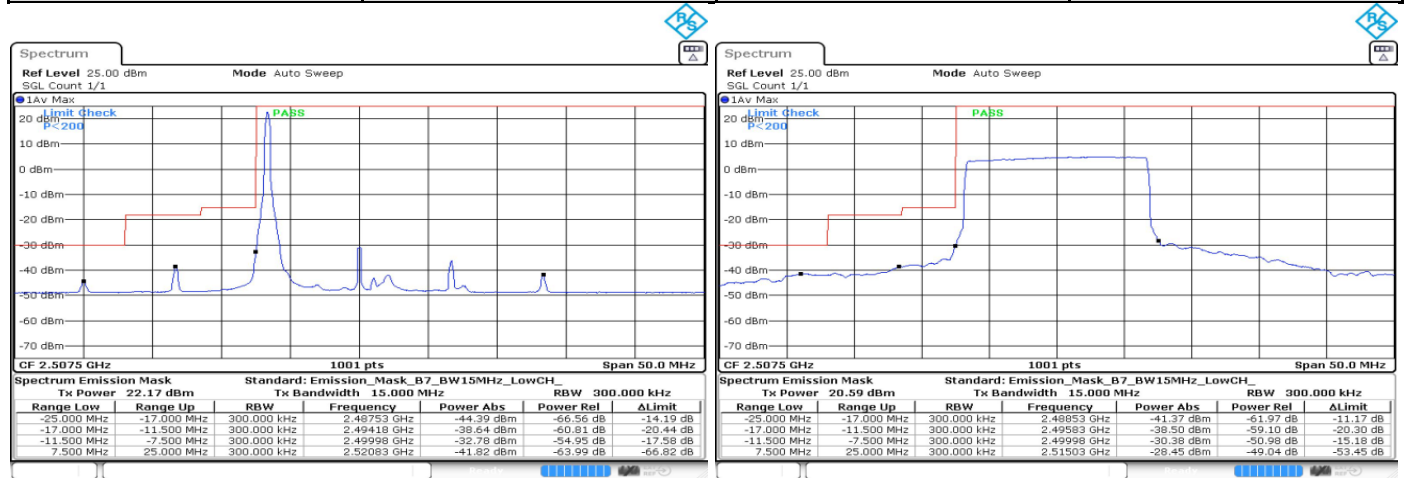
Band 7, 10MHz 16-QAM, Low CH 20800			
RB = 1	Offset = 0	RB = X (100%)	Offset = 0



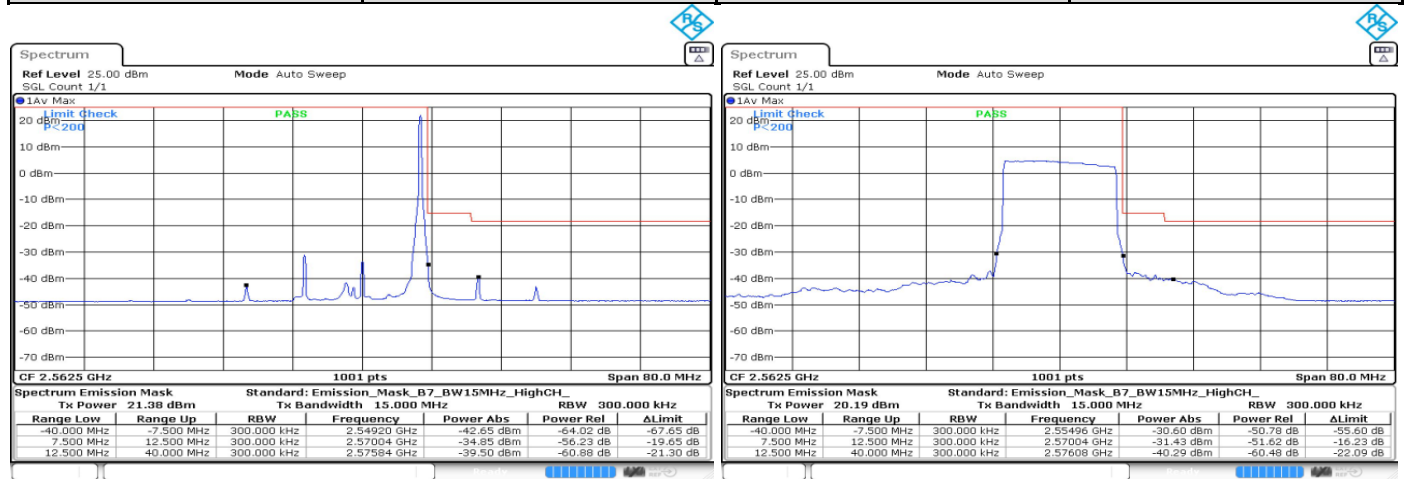
Band 7, 10MHz 16-QAM, High CH 21400			
RB = 1	Offset =X-1	RB = X (100%)	Offset = 0



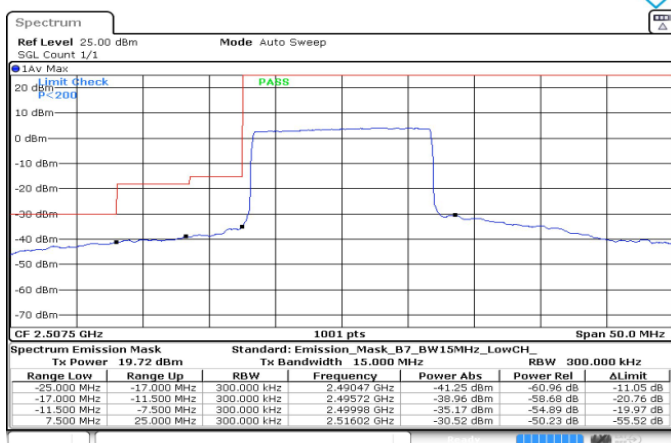
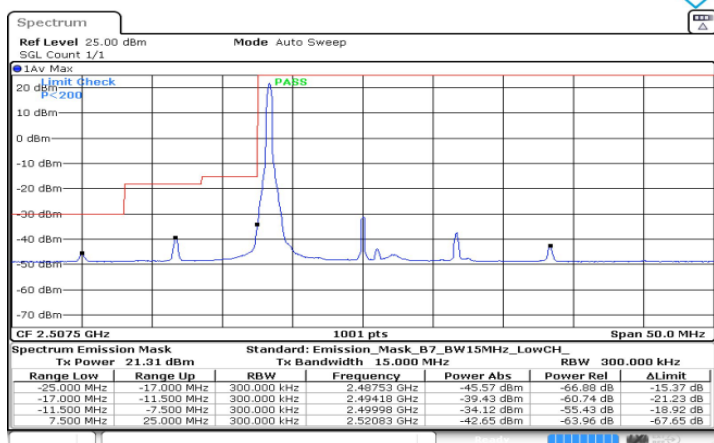
Band 7, 15MHz QPSK, Low CH 20825			
RB = 1	Offset = 0	RB = X (100%)	Offset = 0



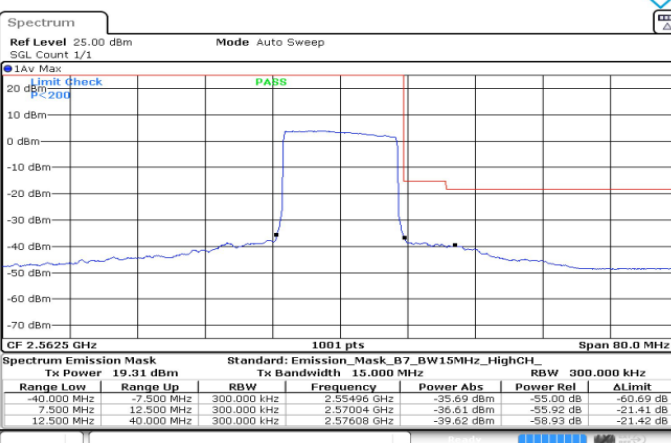
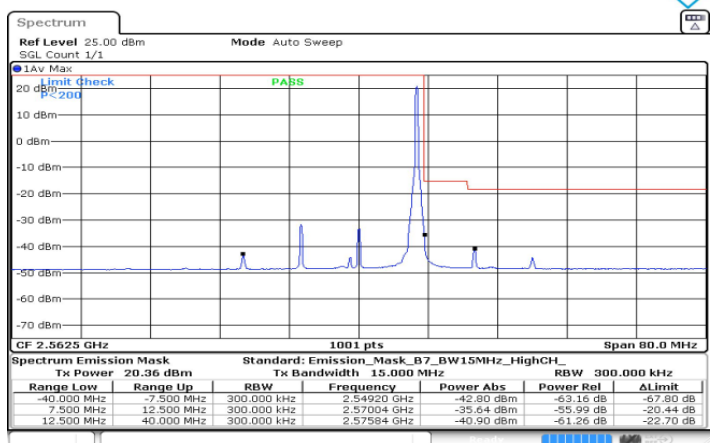
Band 7, 15MHz QPSK, High CH 21375			
RB = 1	Offset =X-1	RB = X (100%)	Offset = 0



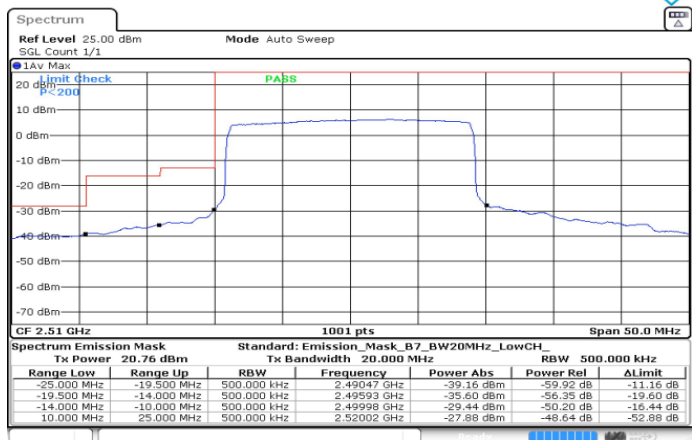
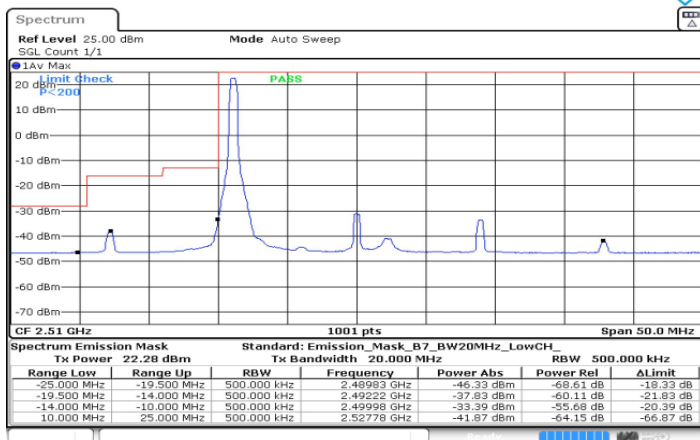
Band 7, 15MHz 16-QAM, Low CH 20825			
RB = 1	Offset = 0	RB = X (100%)	Offset = 0



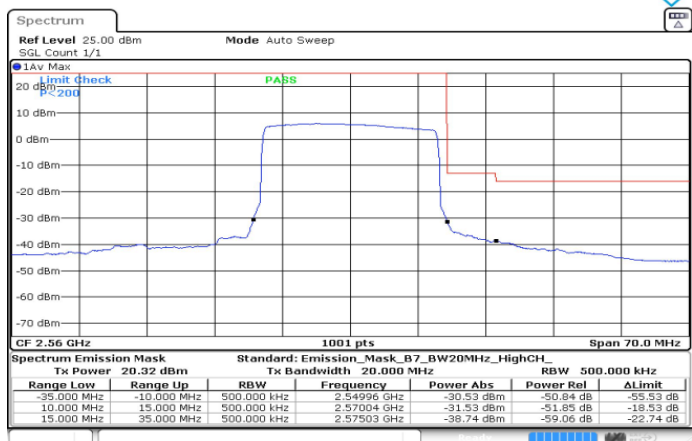
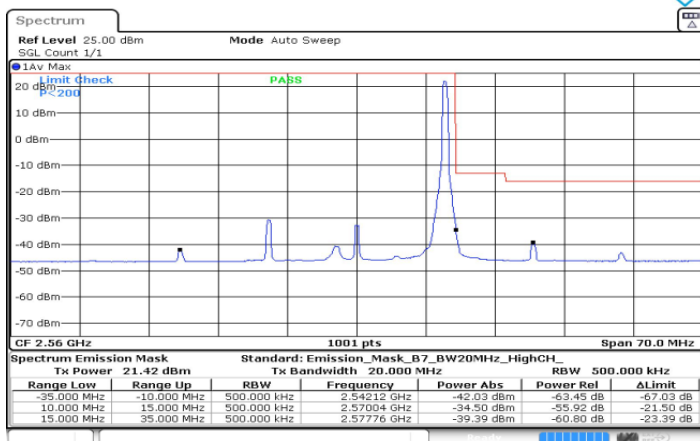
Band 7, 15MHz 16-QAM, High CH 21375			
RB = 1	Offset =X-1	RB = X (100%)	Offset = 0



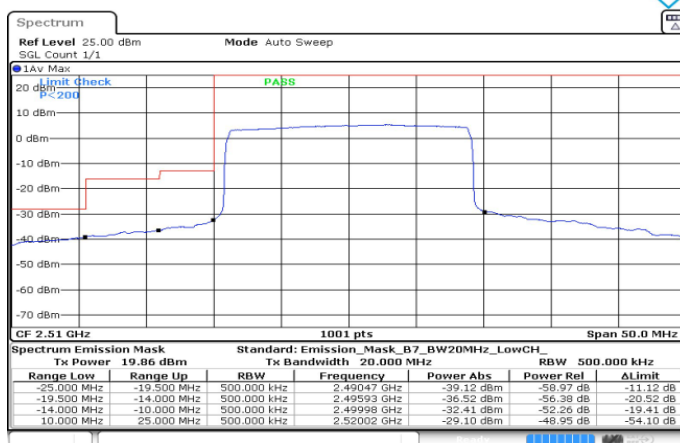
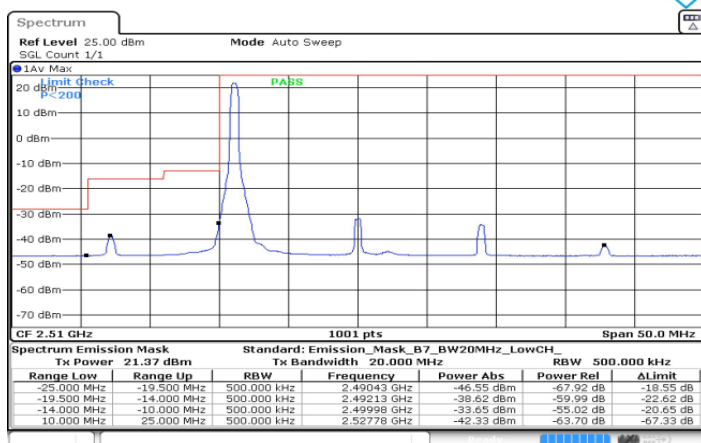
Band 7, 20MHz QPSK, Low CH 20850			
RB = 1	Offset = 0	RB = X (100%)	Offset = 0



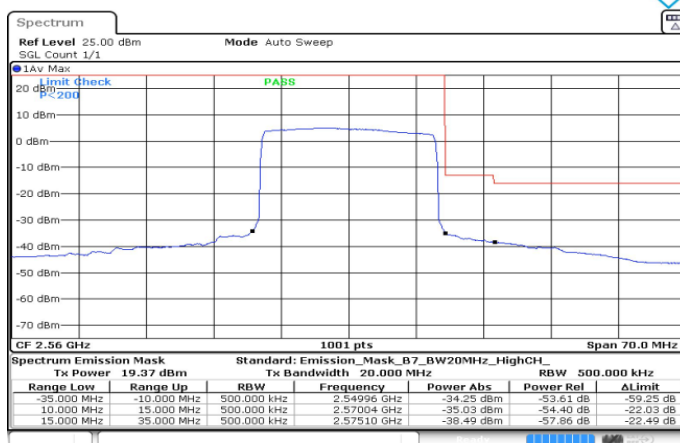
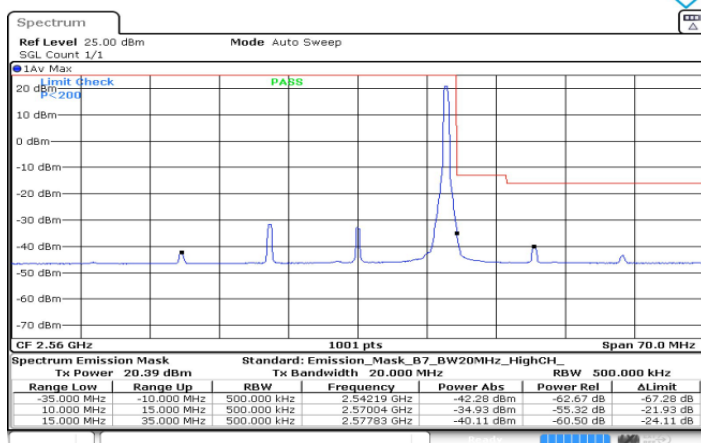
Band 7, 20MHz QPSK, High CH 21350			
RB = 1	Offset =X-1	RB = X (100%)	Offset = 0



Band 7, 20MHz 16-QAM, Low CH 20850			
RB = 1	Offset = 0	RB = X (100%)	Offset = 0

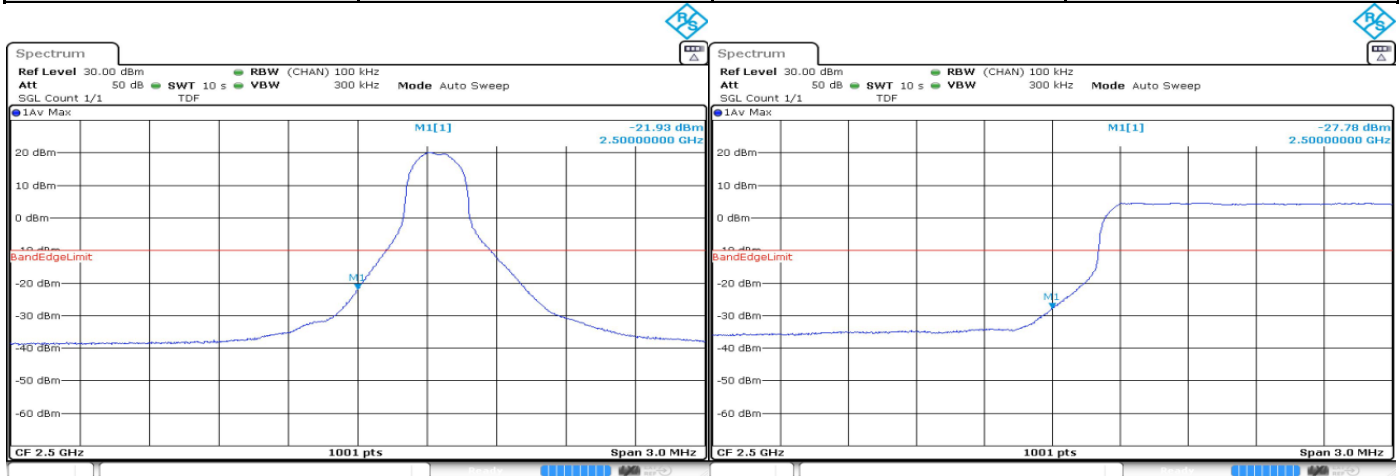


Band 7, 20MHz 16-QAM, High CH 21350			
RB = 1	Offset =X-1	RB = X (100%)	Offset = 0

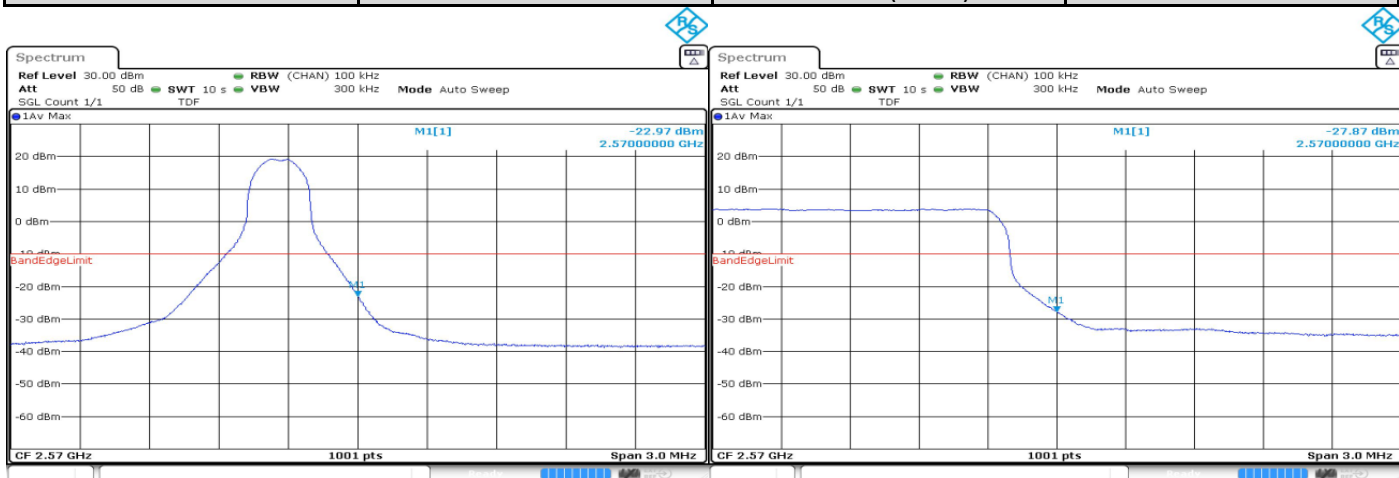


Band Edge Conducted Spurious Emission

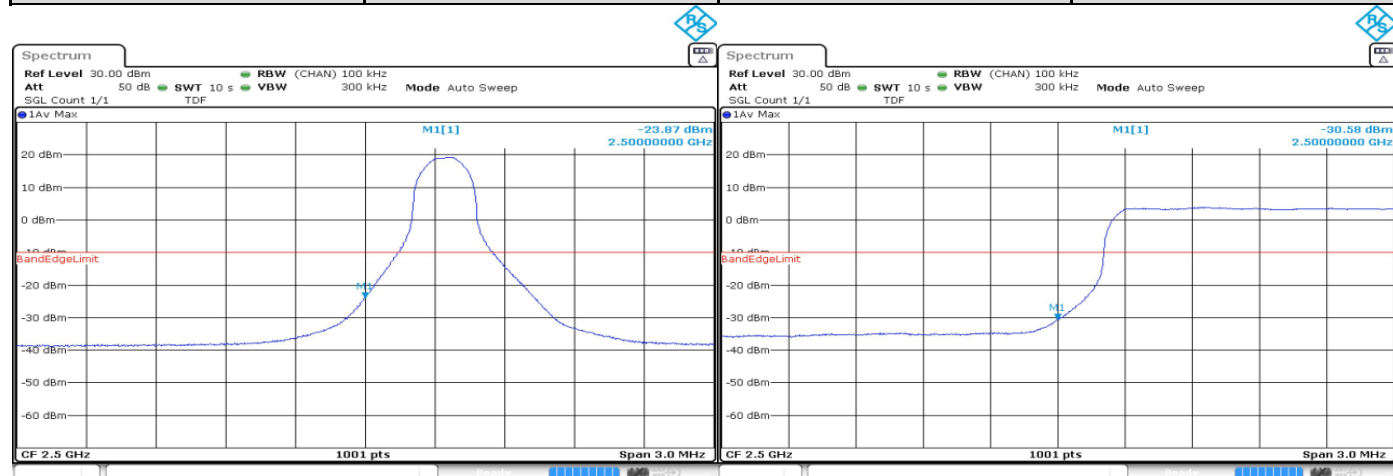
Band 7, 5MHz QPSK, Low CH 20775			
RB = 1	Offset = 0	RB = X (100%)	Offset = 0



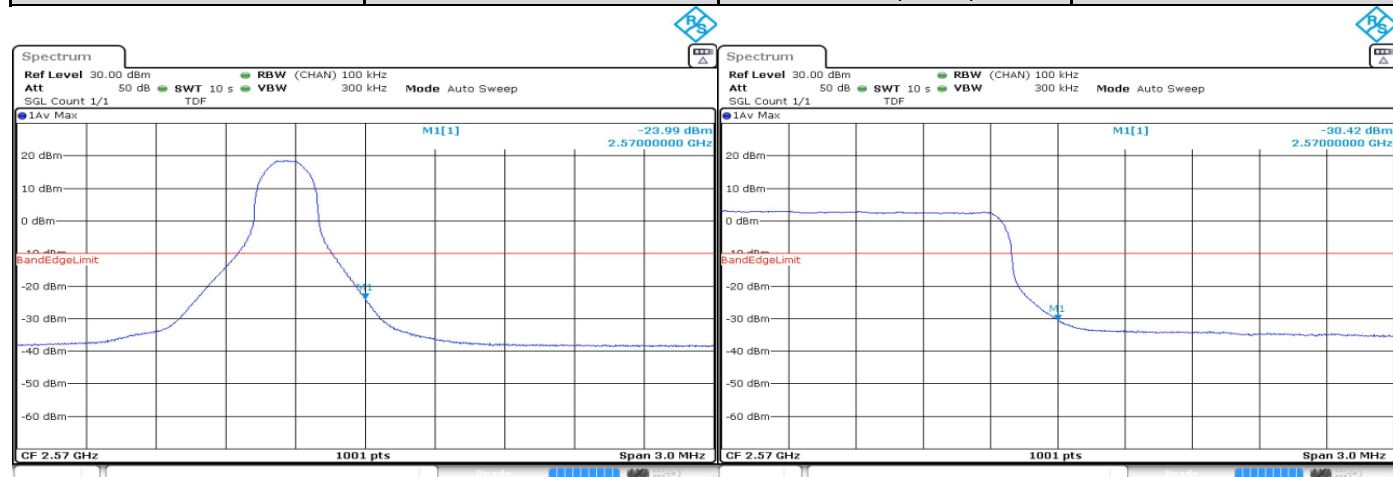
Band 7, 5MHz QPSK, High CH 21425			
RB = 1	Offset = X-1	RB = X (100%)	Offset = 0



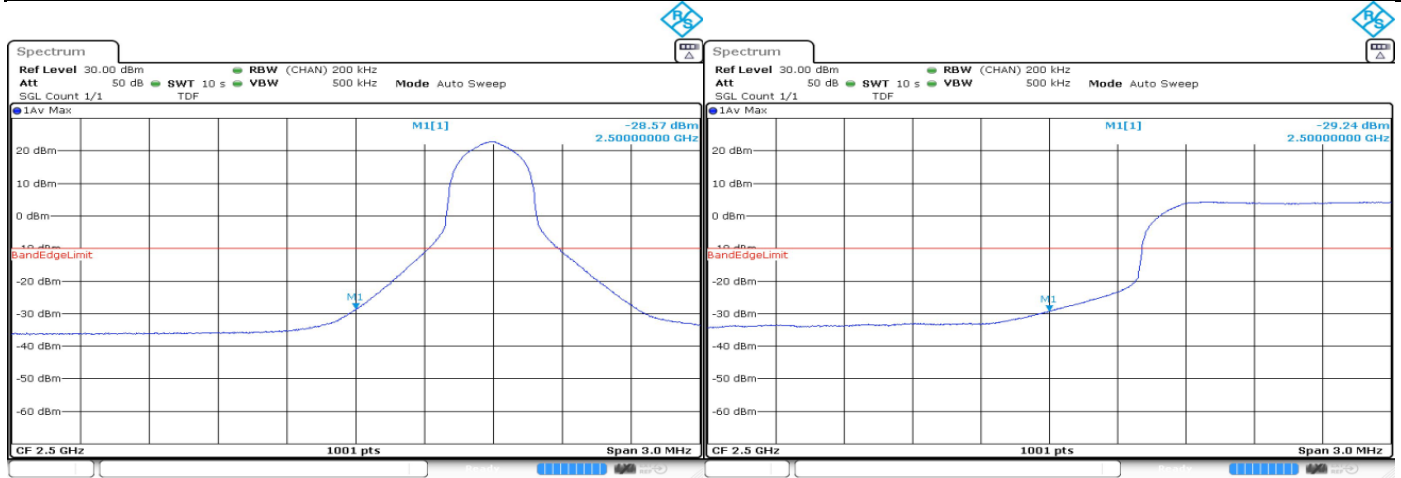
Band 7, 5MHz 16-QAM, Low CH 20775			
RB = 1	Offset = 0	RB = X (100%)	Offset = 0



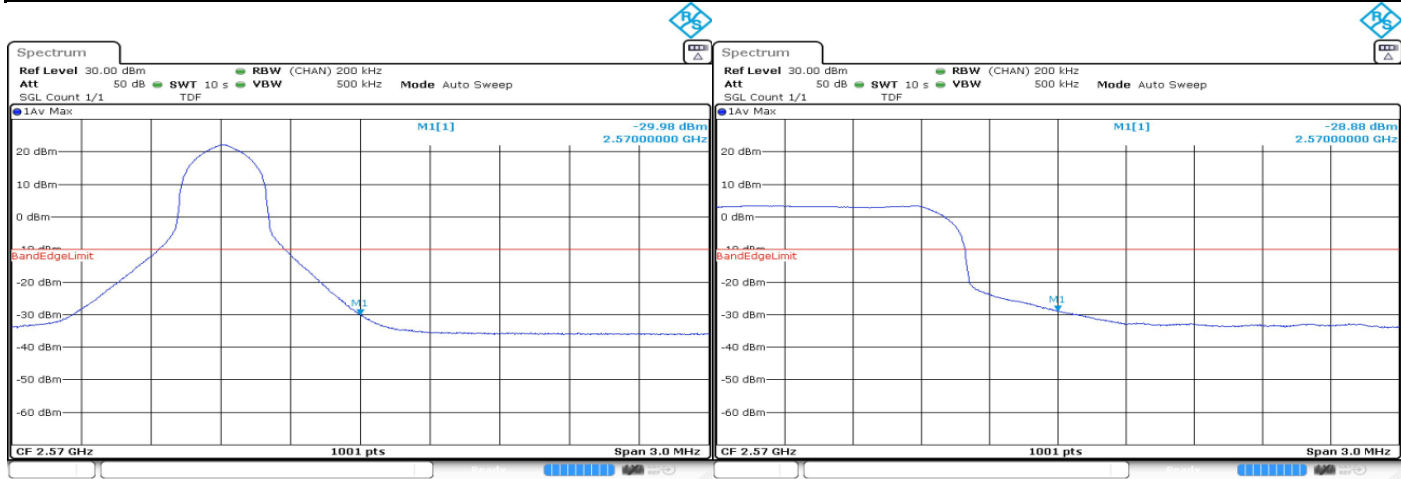
Band 7, 5MHz 16-QAM, High CH 21425			
RB = 1	Offset = X-1	RB = X (100%)	Offset = 0



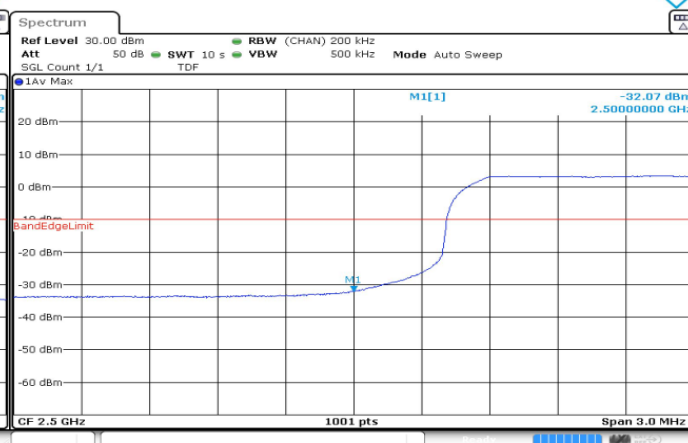
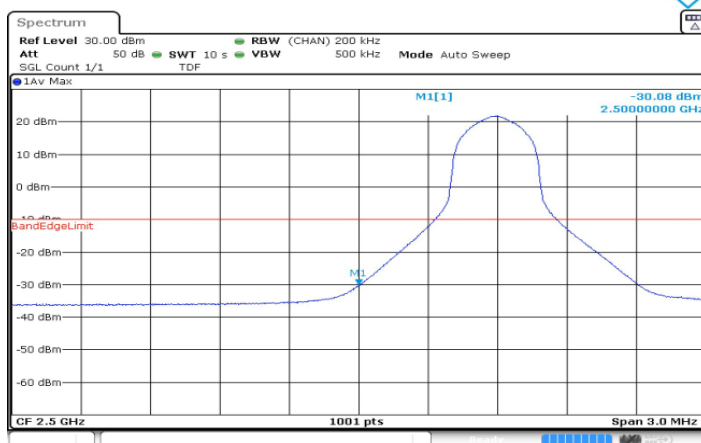
Band 7, 10MHz QPSK, Low CH 20800			
RB = 1	Offset = 0	RB = X (100%)	Offset = 0



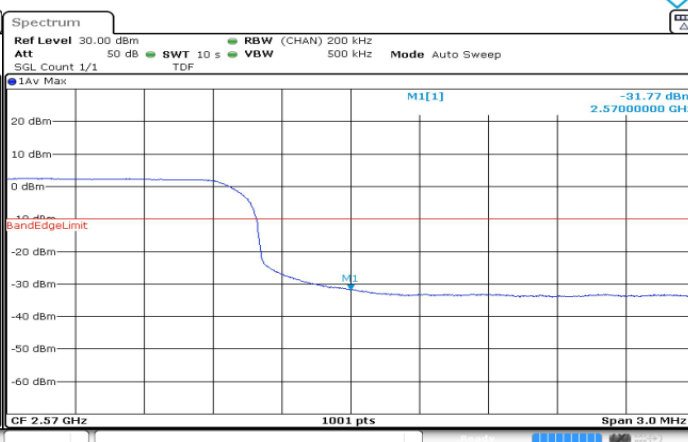
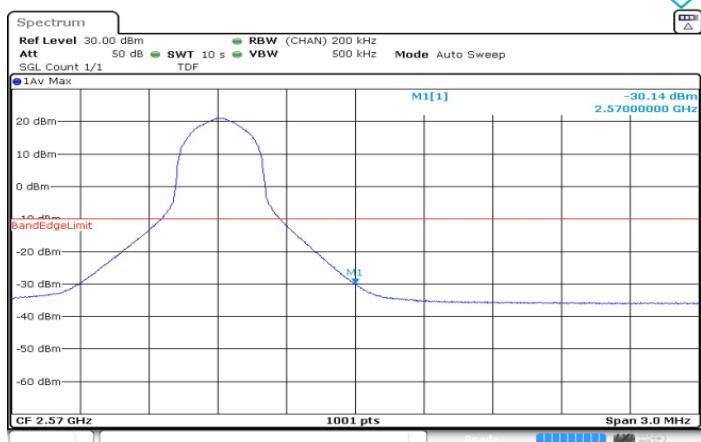
Band 7, 10MHz QPSK, High CH 21400			
RB = 1	Offset =X-1	RB = X (100%)	Offset = 0



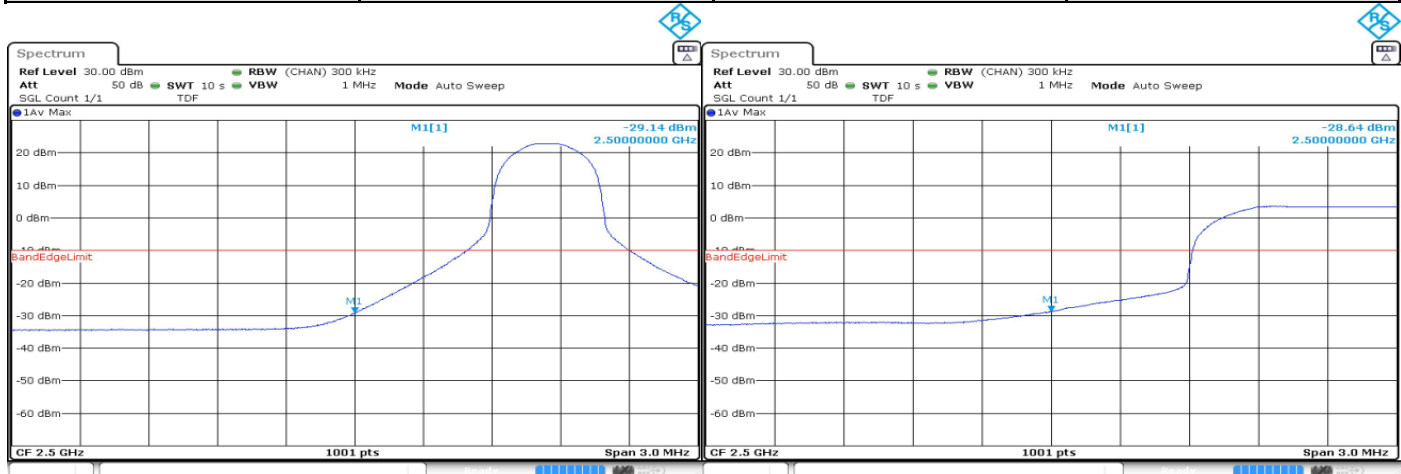
Band 7, 10MHz 16-QAM, Low CH 20800			
RB = 1	Offset = 0	RB = X (100%)	Offset = 0



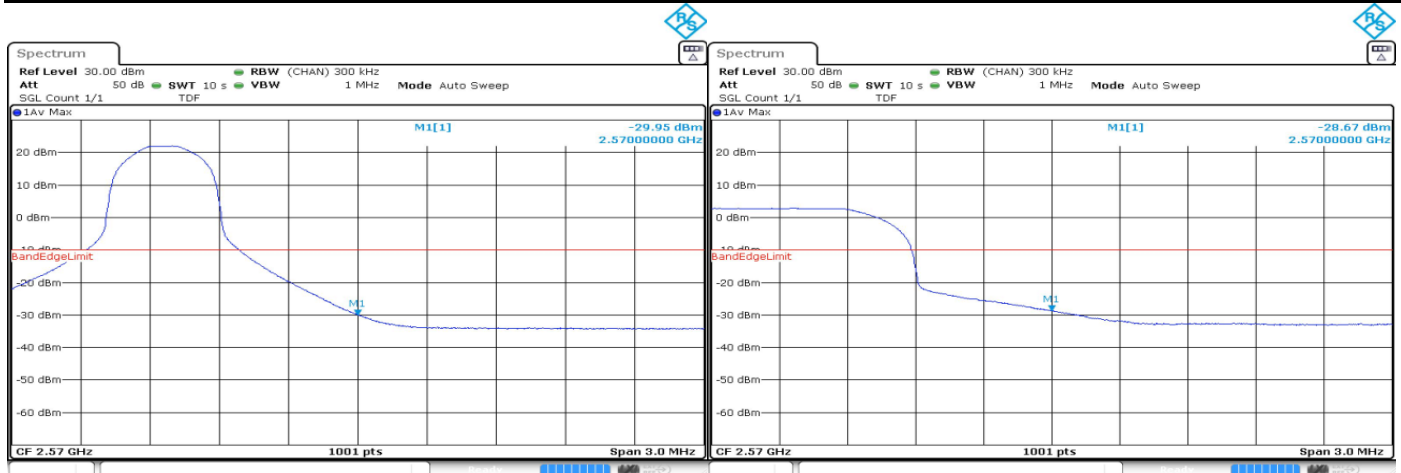
Band 7, 10MHz 16-QAM, High CH 21400			
RB = 1	Offset = x-1	RB = X (100%)	Offset = 0



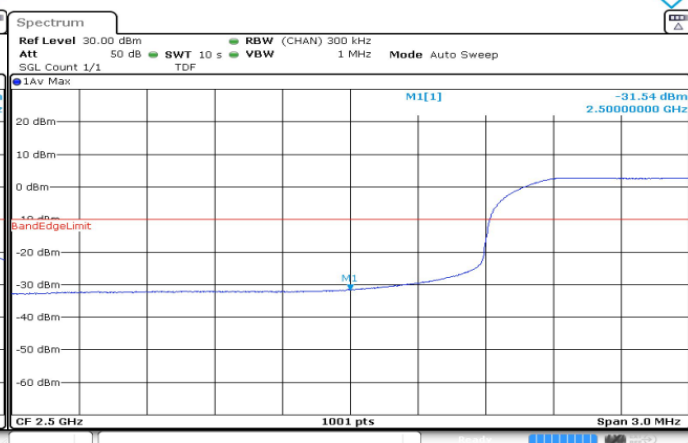
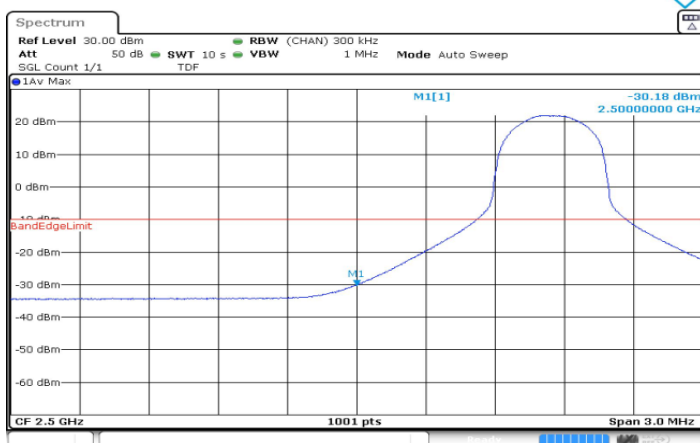
Band 7, 15MHz QPSK, Low CH 20825			
RB = 1	Offset = 0	RB = X (100%)	Offset = 0



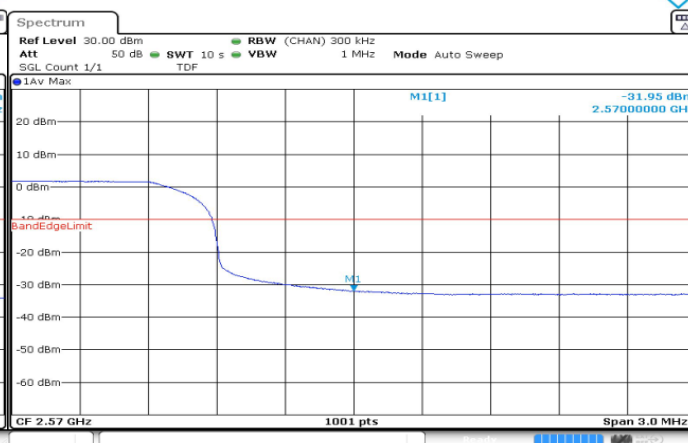
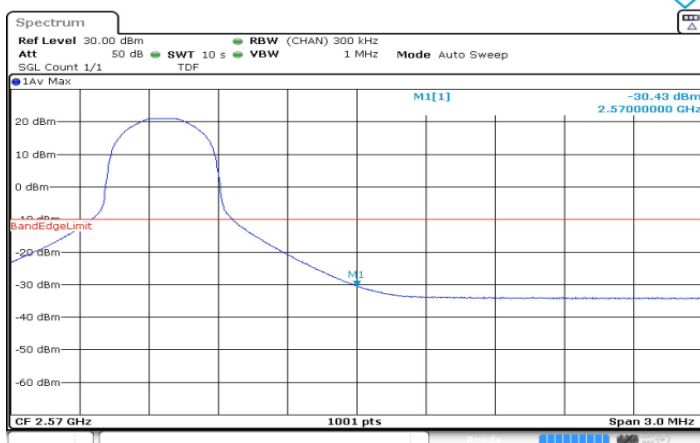
Band 7, 15MHz QPSK, High CH 21375			
RB = 1	Offset = X-1	RB = X (100%)	Offset = 0



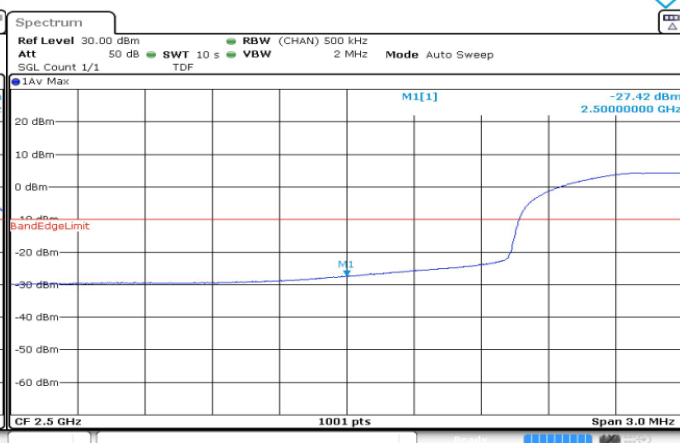
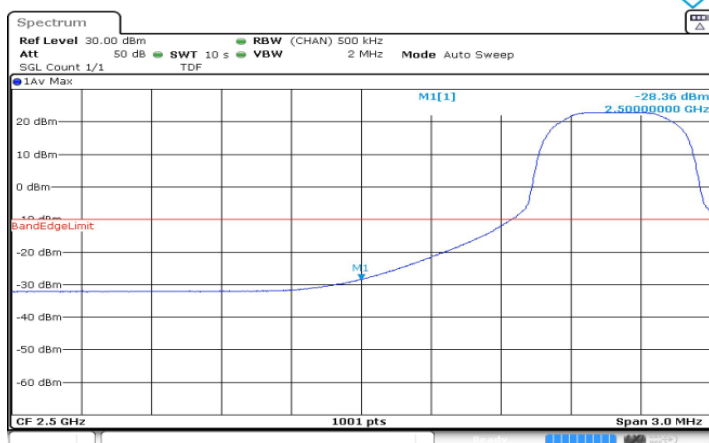
Band 7, 15MHz 16-QAM, Low CH 20825			
RB = 1	Offset = 0	RB = X (100%)	Offset = 0



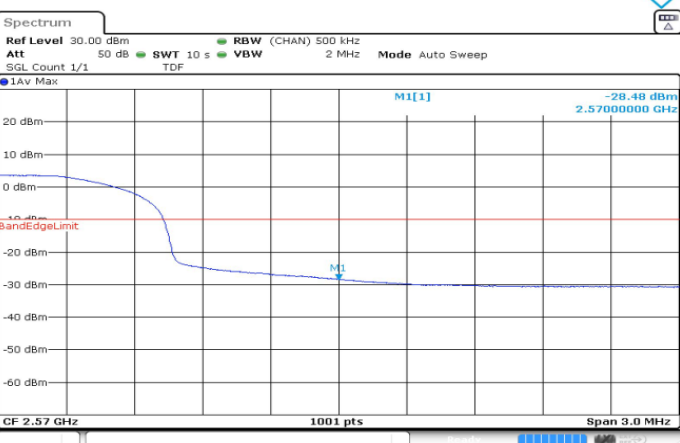
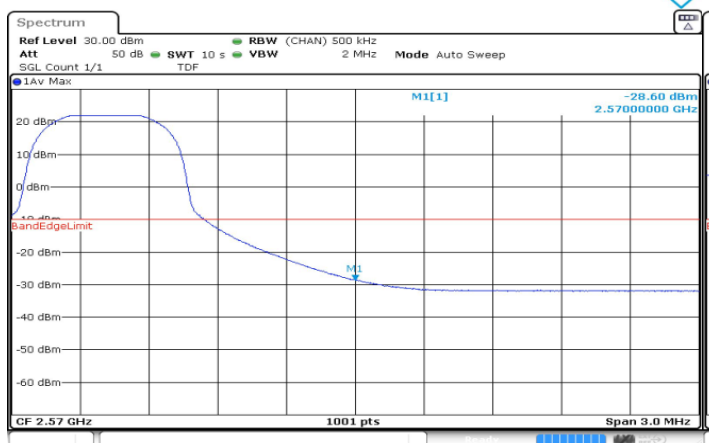
Band 7, 15MHz 16-QAM, High CH 21375			
RB = 1	Offset = X-1	RB = X (100%)	Offset = 0



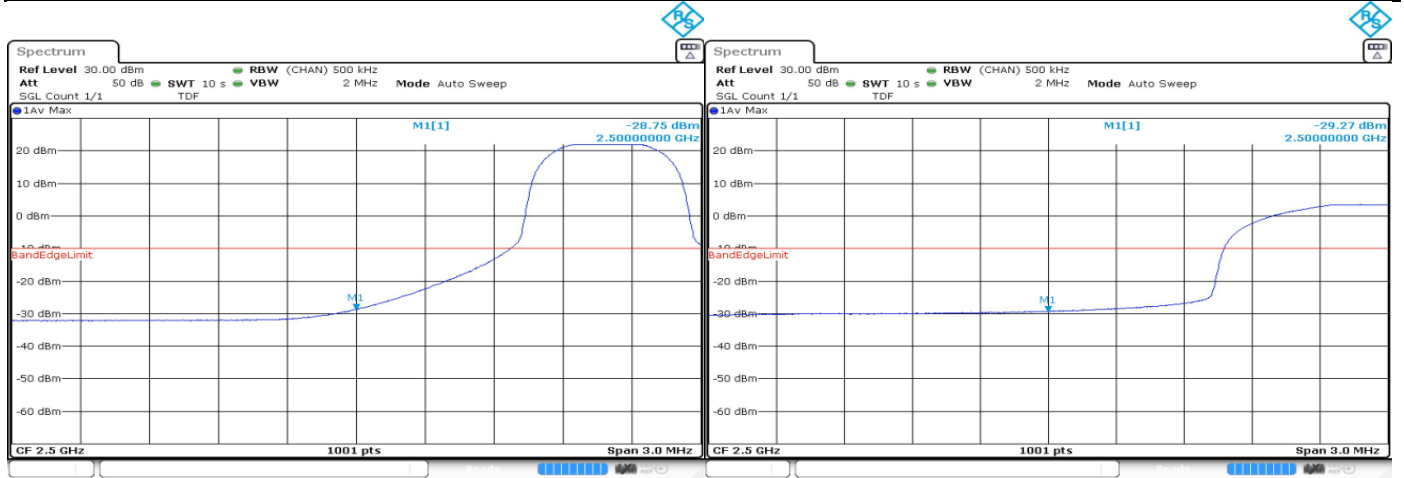
Band 7, 20MHz QPSK, Low CH 20850			
RB = 1	Offset = 0	RB = X (100%)	Offset = 0



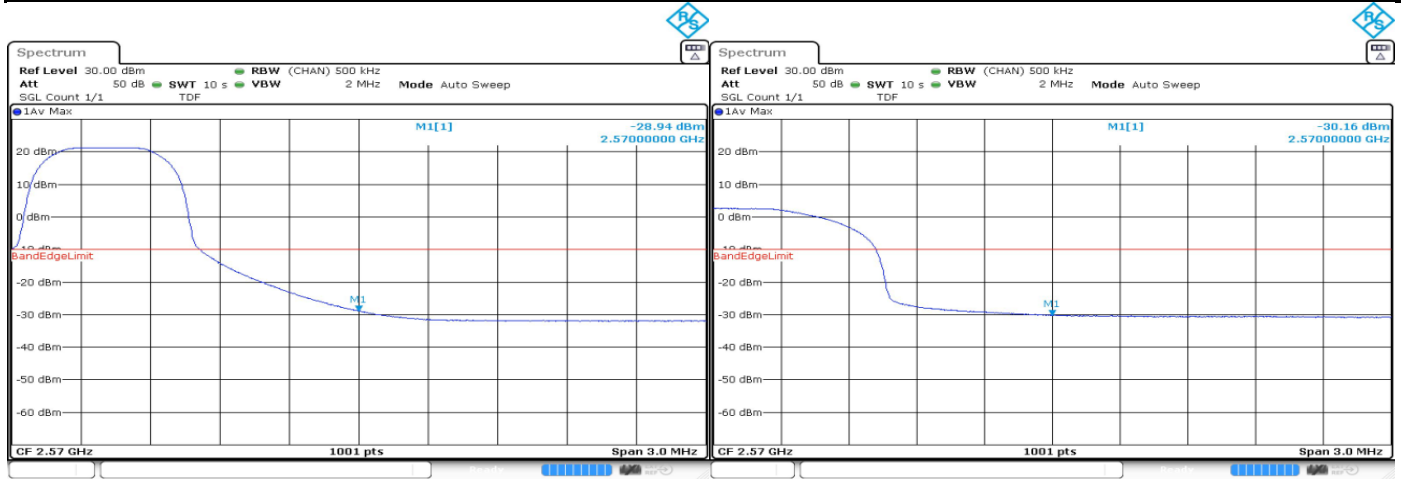
Band 7, 20MHz QPSK, High CH 21350			
RB = 1	Offset =X-1	RB = X (100%)	Offset = 0



Band 4, 20MHz 16-QAM, Low CH 20850			
RB = 1	Offset = 0	RB = X (100%)	Offset = 0

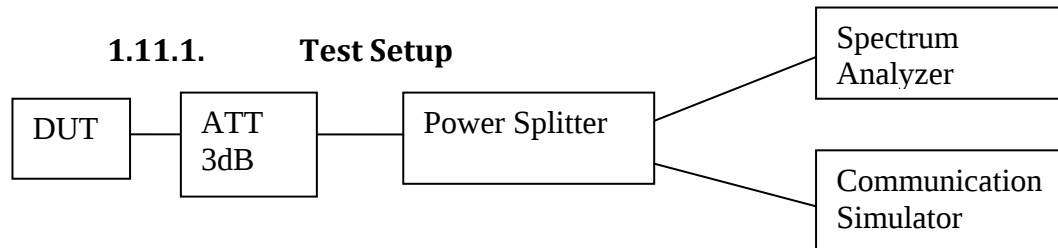


Band 4, 20MHz 16-QAM, High CH 21350			
RB = 1	Offset = X-1	RB = X (100%)	Offset = 0



1.11. Conducted Spurious Emission

1.11.1. Test Setup



- 1) The DUT transmitter output port was connected to communication simulator with above setup.
- 2) Path loss for the measurement included.
- 3) Set DUT to transmit maximum power through communication simulator.
- 4) Spectrum Analyzer setting, RBW = 1 MHz, VBW = 3 MHz.
- 5) The spurious emission of lowest, middle and highest channels with the highest RF powers were measured.
- 6) Record the maximum trace plot into the test report.

1.11.2. Test Limit

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.