3.4 Channel Edge

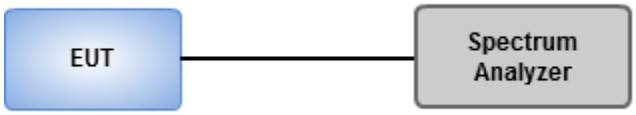
3.4.1 Limit of Channel Edge

For all fixed digital user stations, the attenuation factor shall be not less than 43 + 10 log (P) dB at the channel edge

3.4.2 Test Procedures

1. Lowest, middle and highest operating channels are tested for this item.
2. Set RBW = 1% of emission bandwidth, VBW = 3 x RBW, detector = RMS, sweep time = auto.
3. Enable adjacent channel power of spectrum analyzer to measure power of channel edge
4. Record the max trace value and capture the test plot.

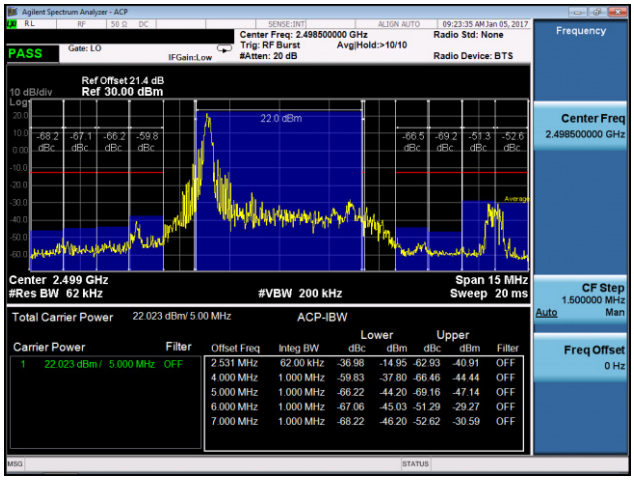
3.4.3 Test Setup



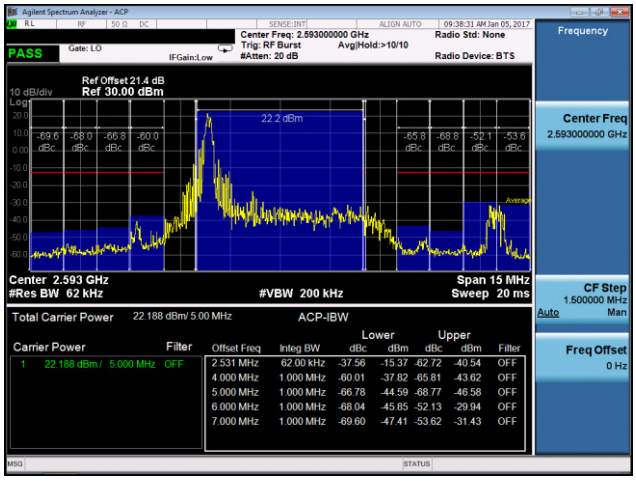
3.4.4 Test Result of Band Edge

Mode	LTE Band 41, CB: 5MHz

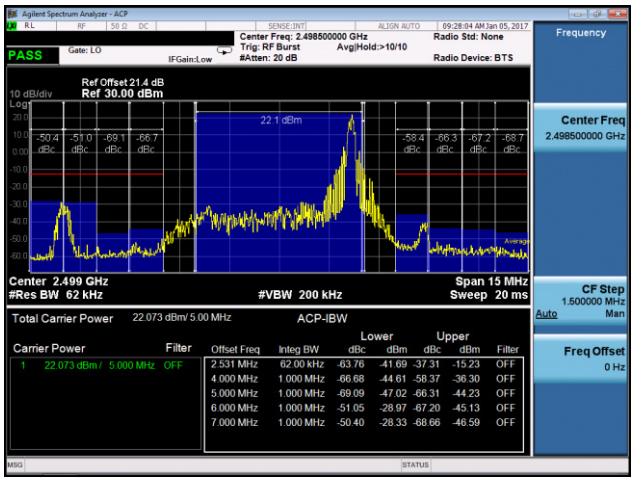
QPSK, Low Channel, 1RB Low



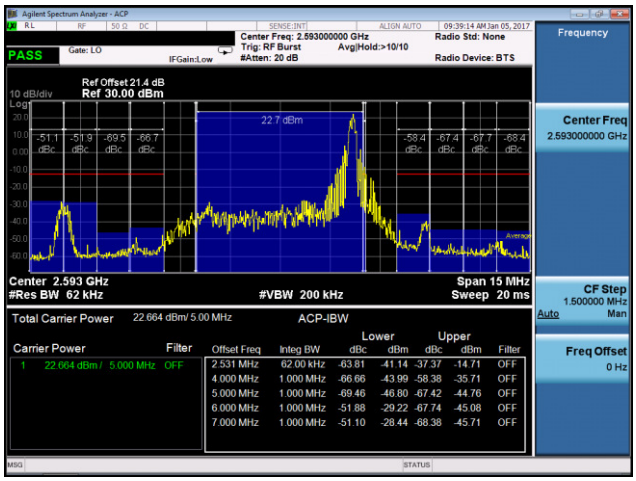
QPSK, Mid. Channel, 1RB Low



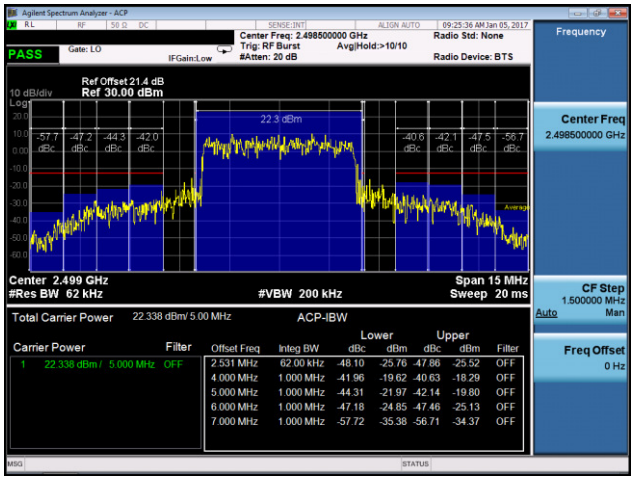
QPSK, Low Channel, 1RB High



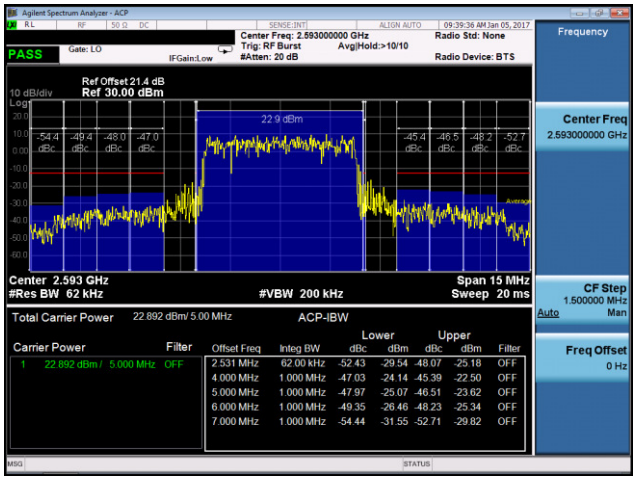
QPSK, Mid. Channel, 1RB High



QPSK, Low Channel, Full RB



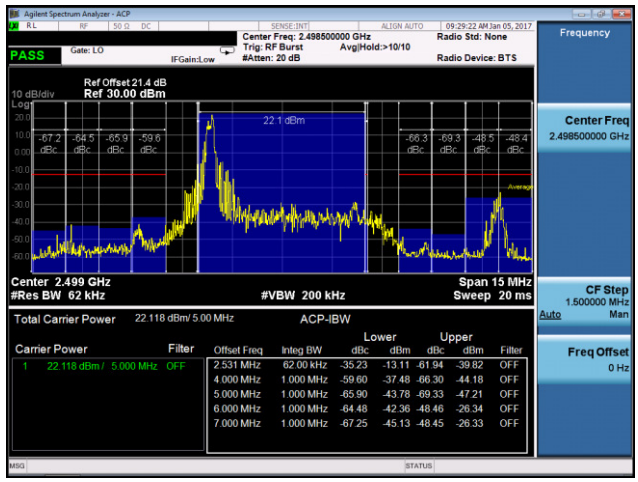
QPSK, Mid. Channel, Full RB



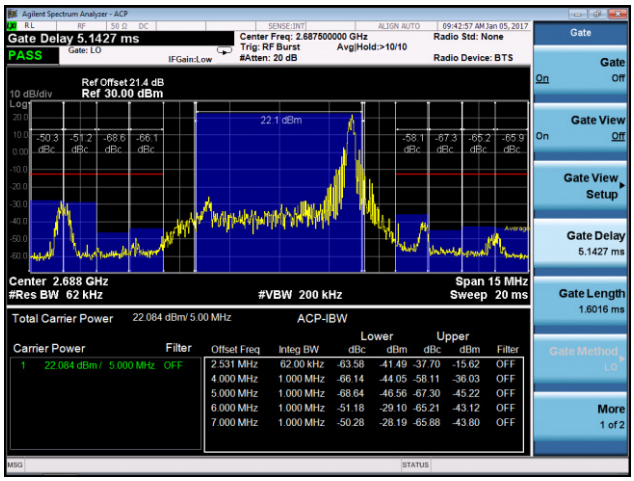
Mode	LTE Band 41, CB: 5MHz

QPSK, High Channel, 1RB Low

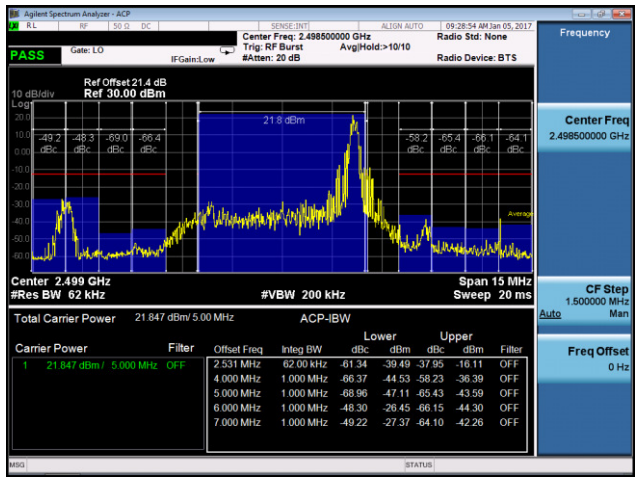
16QAM, Low Channel, 1RB Low



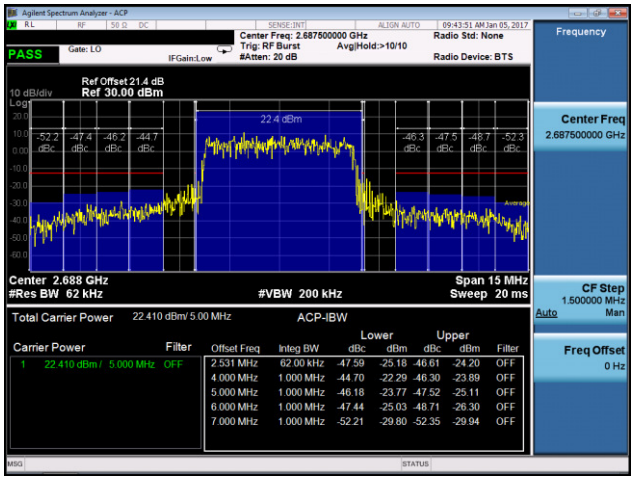
QPSK, High Channel, 1RB High



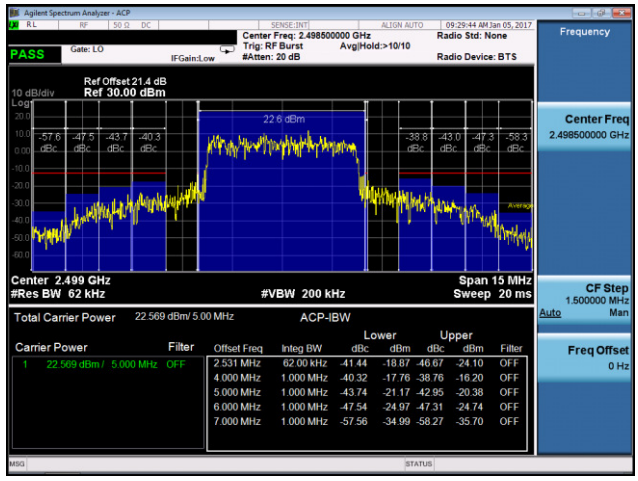
16QAM, Low Channel, 1RB High



QPSK, High Channel, Full RB

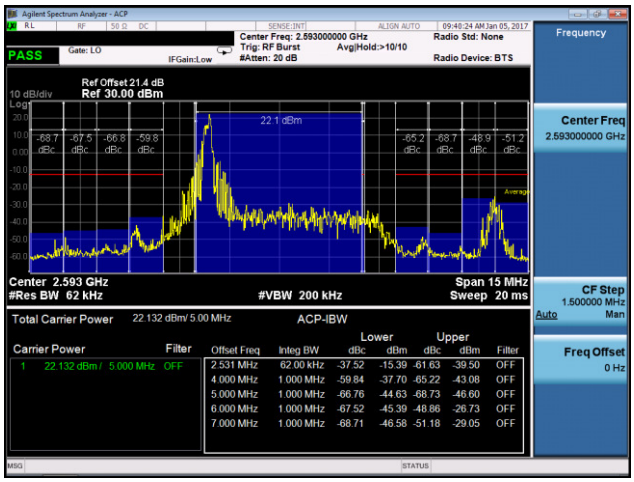


16QAM, Low Channel, Full RB

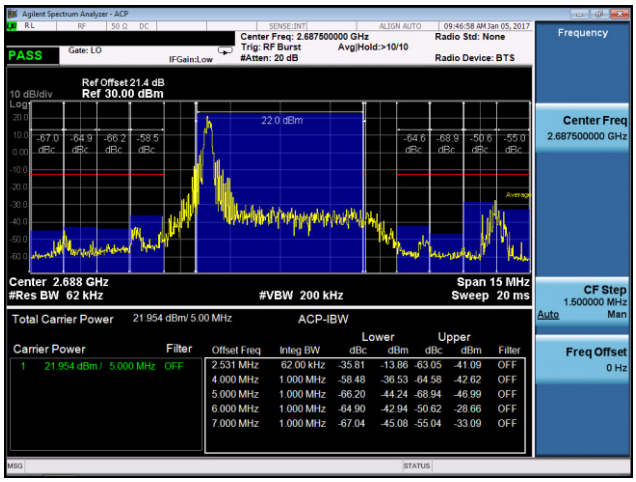


Mode	LTE Band 41, CB: 5MHz

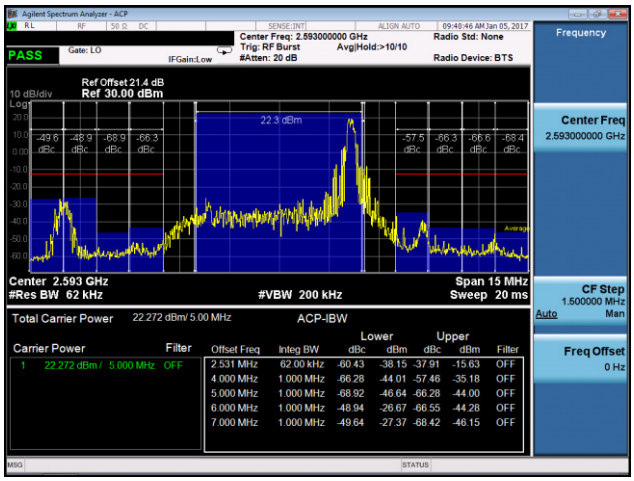
16QAM, Mid. Channel, 1RB Low



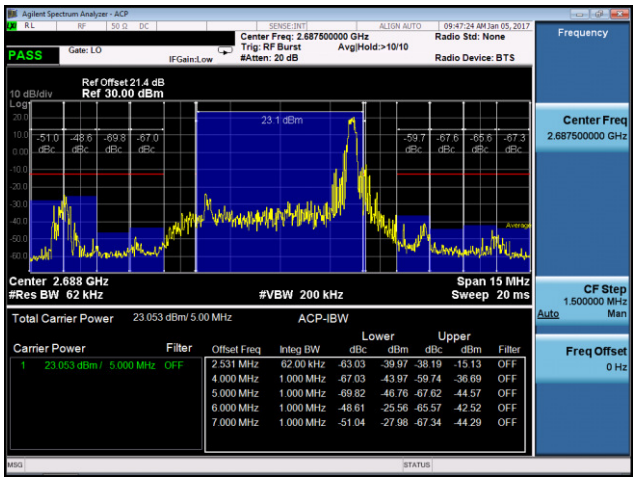
16QAM, High Channel, 1RB Low



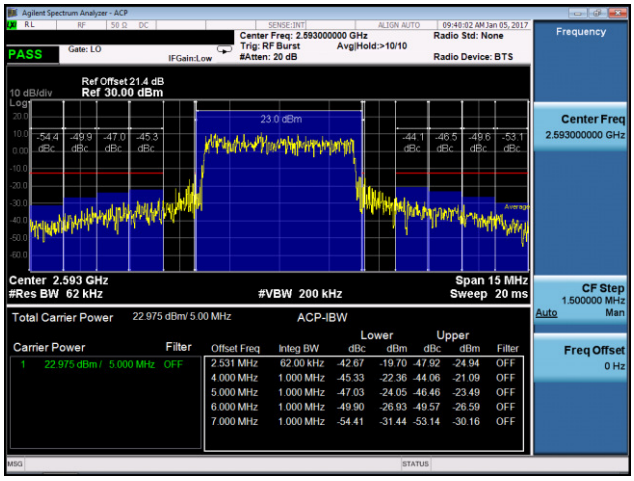
16QAM, Mid. Channel, 1RB High



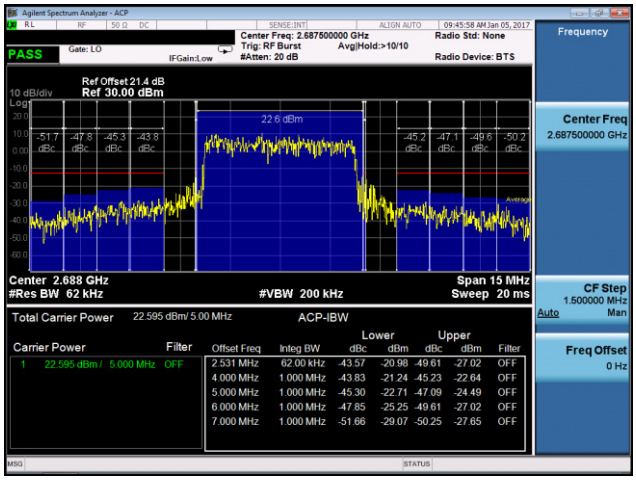
16QAM, High Channel, 1RB High



16QAM, Mid. Channel, Full RB

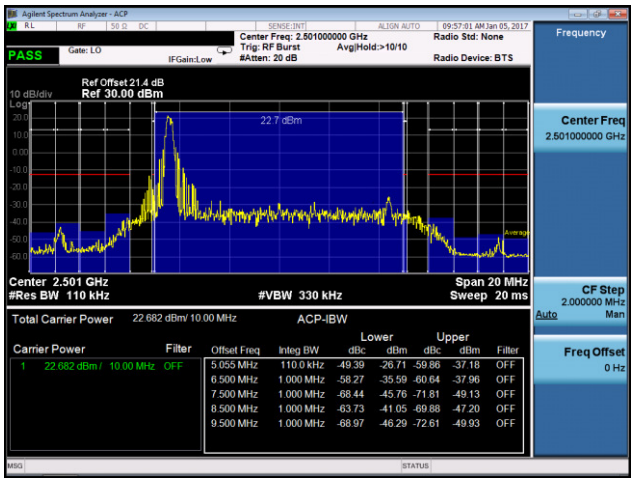


16QAM, High Channel, Full RB



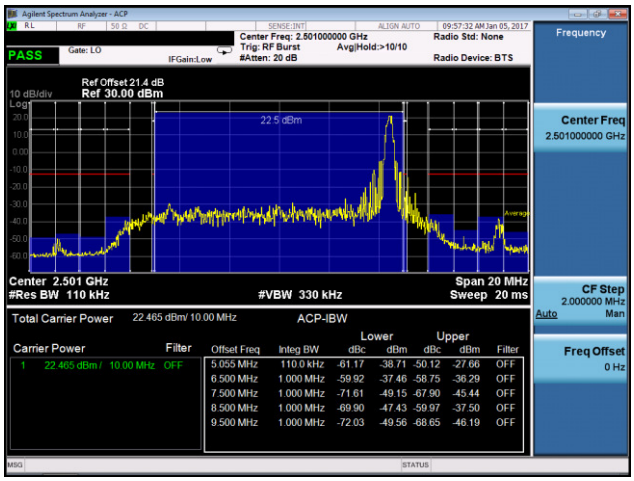
Mode	LTE Band 41, CB: 10MHz

QPSK, Low Channel, 1RB Low

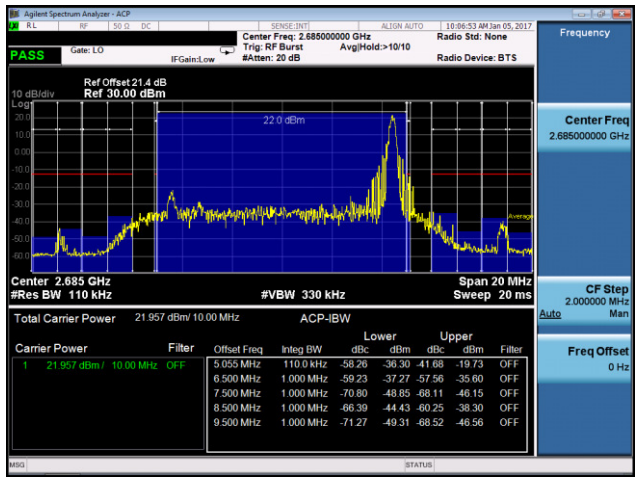


QPSK, Mid. Channel, 1RB Low

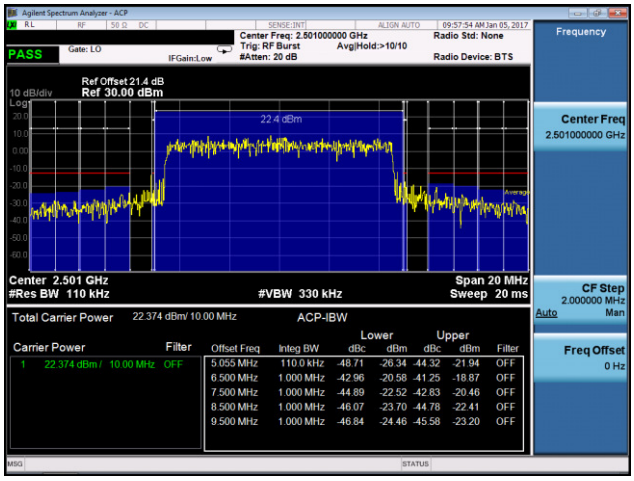
QPSK, Low Channel, 1RB High



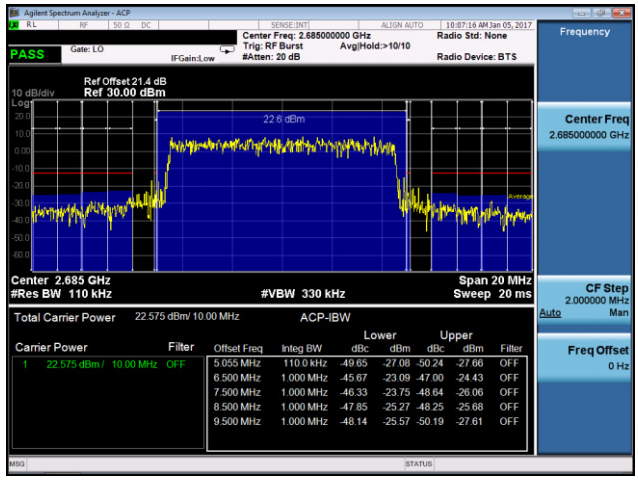
QPSK, Mid. Channel, 1RB High



QPSK, Low Channel, Full RB



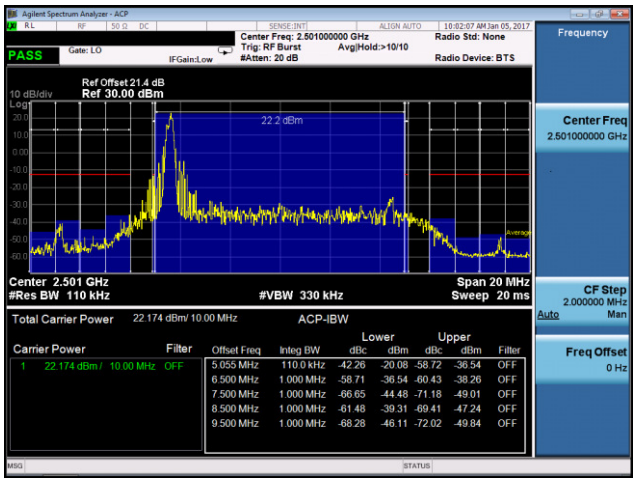
QPSK, Mid. Channel, Full RB



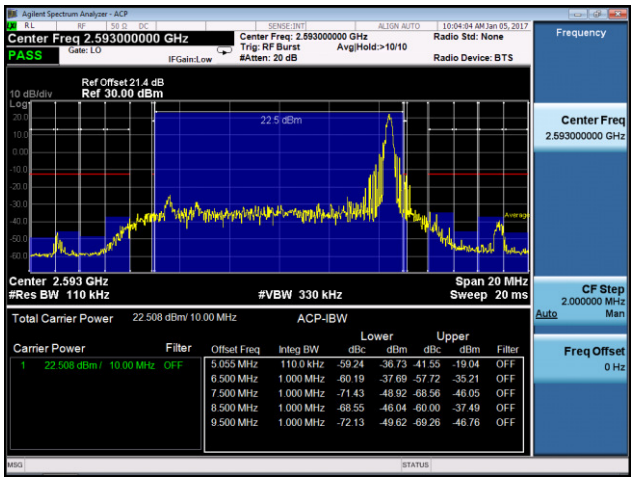
Mode	LTE Band 41, CB: 10MHz

QPSK, High Channel, 1RB Low

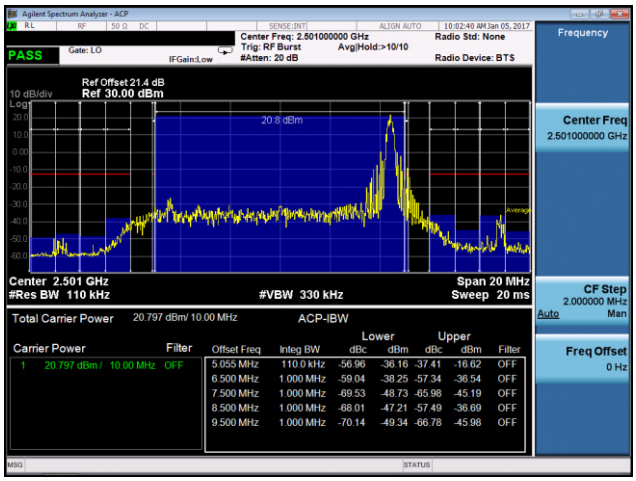
16QAM, Low Channel, 1RB Low



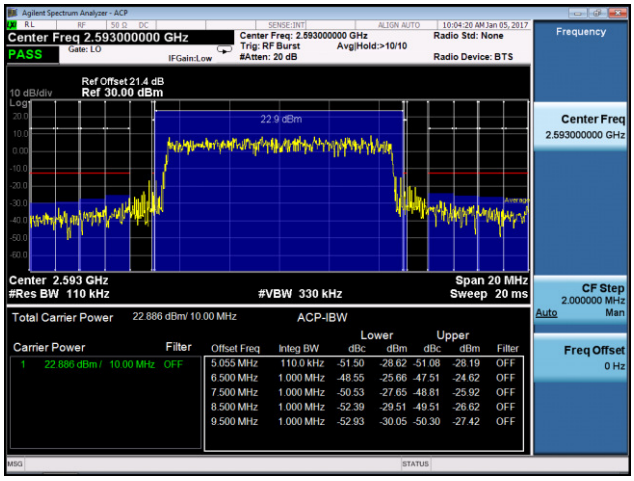
QPSK, High Channel, 1RB High



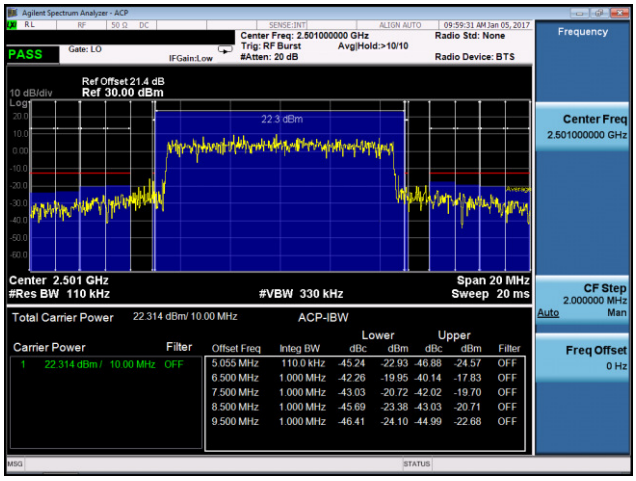
16QAM, Low Channel, 1RB High



QPSK, High Channel, Full RB

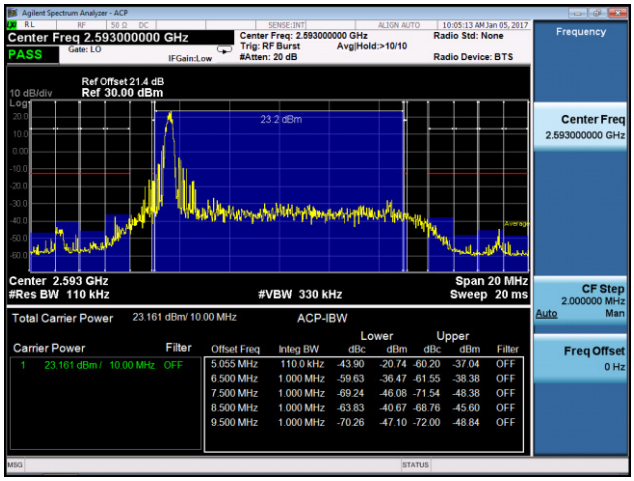


16QAM, Low Channel, Full RB

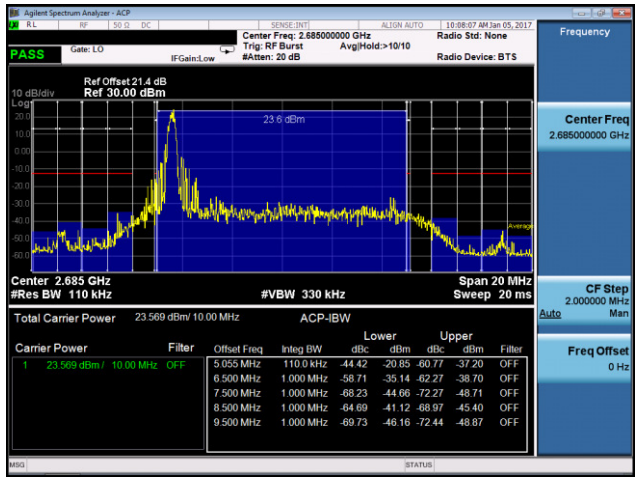


Mode	LTE Band 41, CB: 10MHz

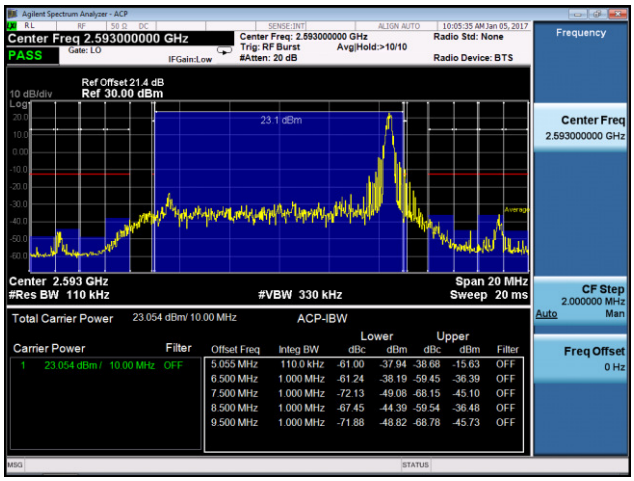
16QAM, Mid. Channel, 1RB Low



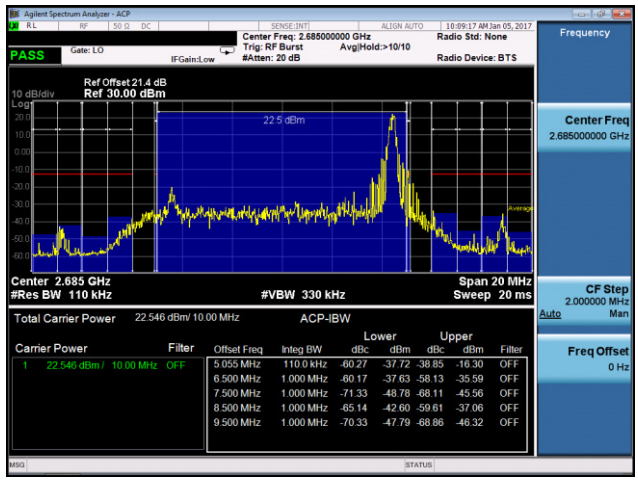
16QAM, High Channel, 1RB Low



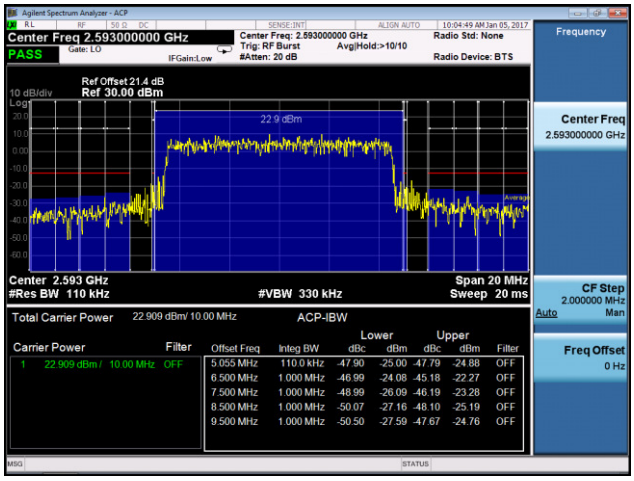
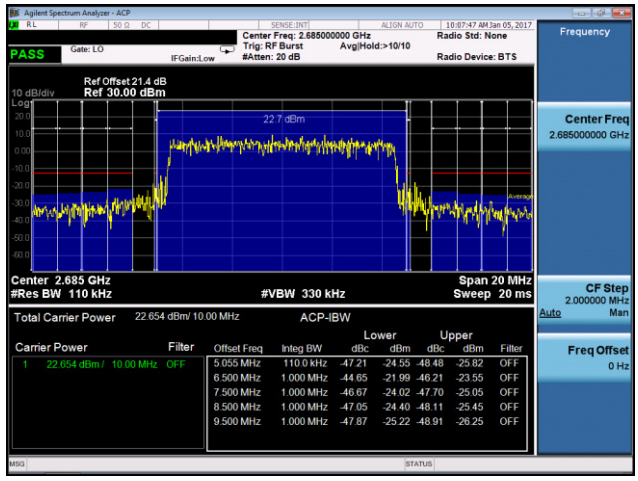
16QAM, Mid. Channel, 1RB High



16QAM, High Channel, 1RB High



16QAM, Mid. Channel, Full RB



16QAM, High Channel, Full RB