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

Frequency in 2615~2695 MHz.

1 Set RBW = 51 ~ 200 kHz, VBW = 160 ~ 620 kHz for channel bandwidth 5 ~ 20 MHz, detector = RMS, sweep time = auto

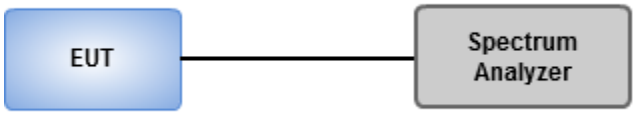
2 Use channel power measurement function of spectrum analyzer to integrate power over necessary bandwidth.

Frequency below 2615 and above 2695 MHz.

1 Set RBW = 1MHz, VBW= 3MHz detector = RMS, sweep time = auto.

2 Record the max trace value and capture the test plot.

3.4.3 Test Setup

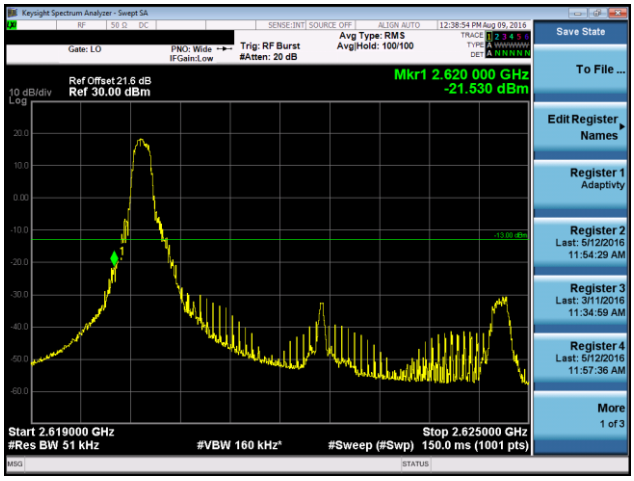


3.4.4 Test Result of Band Edge

CB: 5MHz

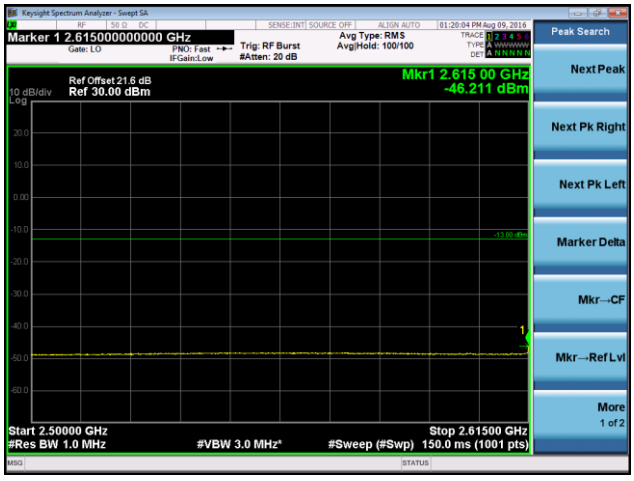
Mode	CB: 5MHz, QPSK

Low Channel, 1RB-1

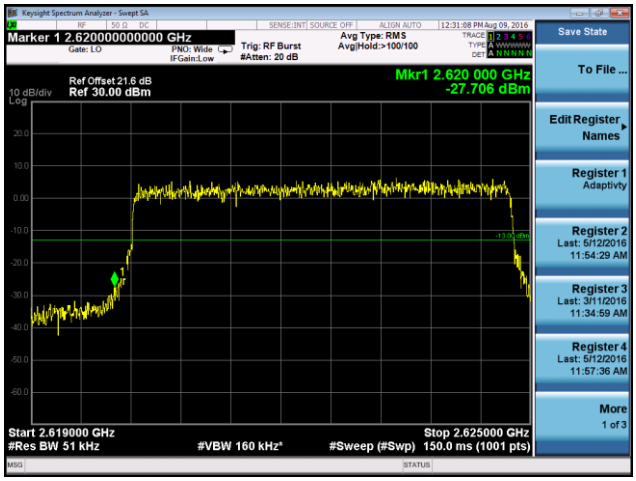


Low Channel, 1RB-2

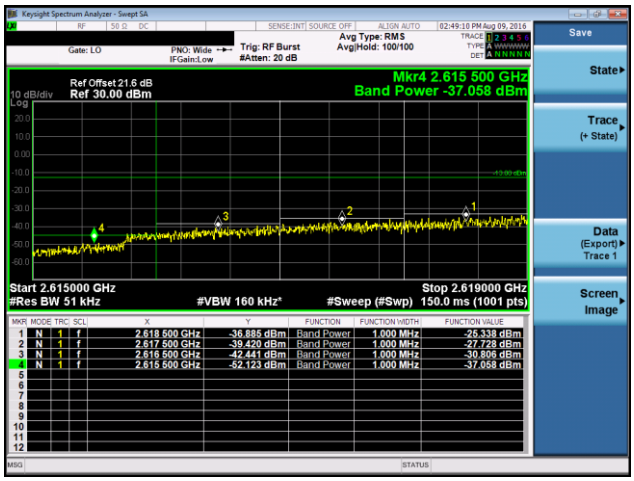
Low Channel, 1RB-3



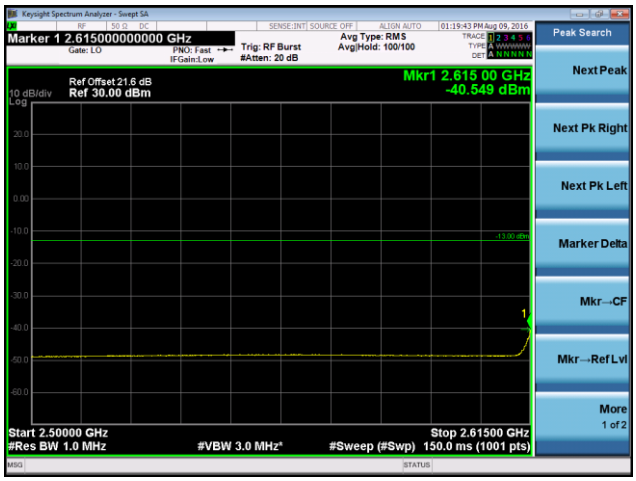
Low Channel, 100%RB-1



Low Channel, 100%RB-2

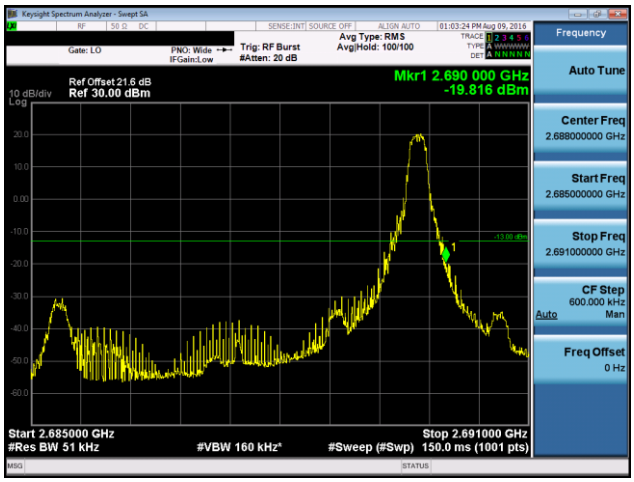


Low Channel, 100%RB-3



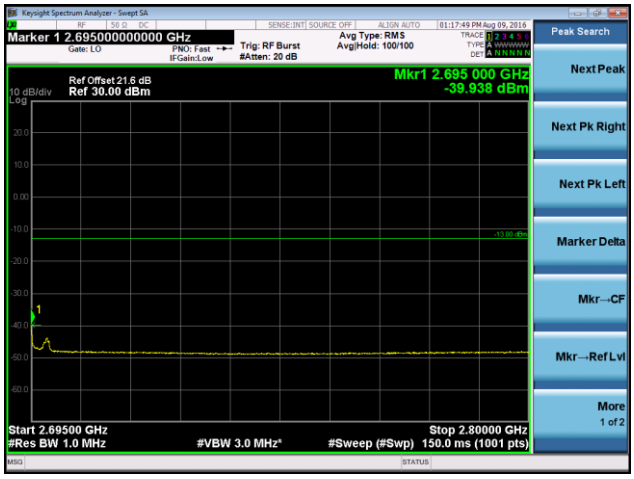
Mode	CB: 5MHz, QPSK

High Channel, 1RB-1

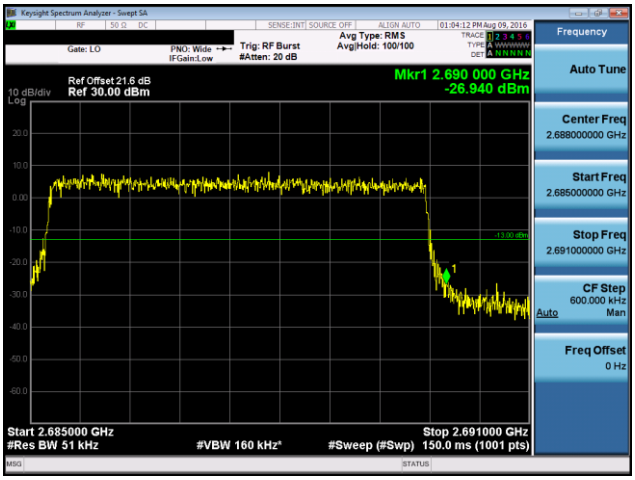


High Channel, 1RB-2

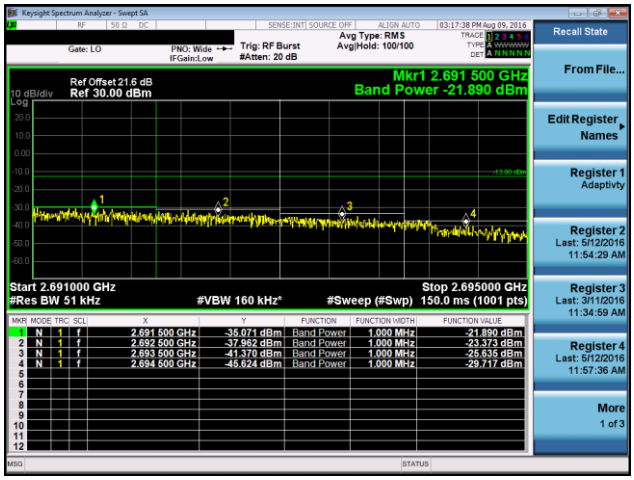
High Channel, 1RB-3



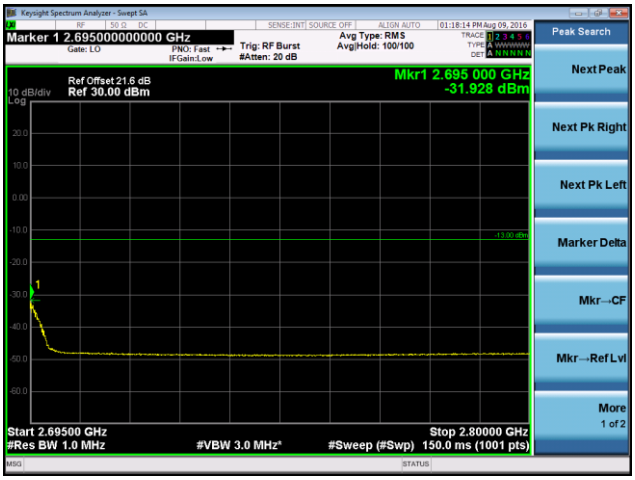
High Channel, 100%RB-1



High Channel, 100%RB-2

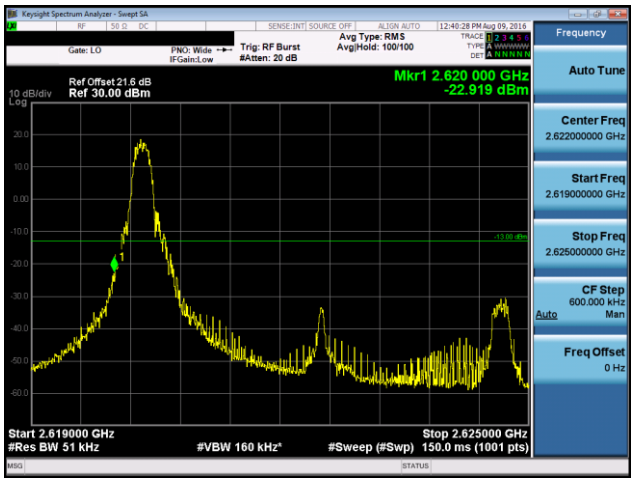


High Channel, 100%RB-3



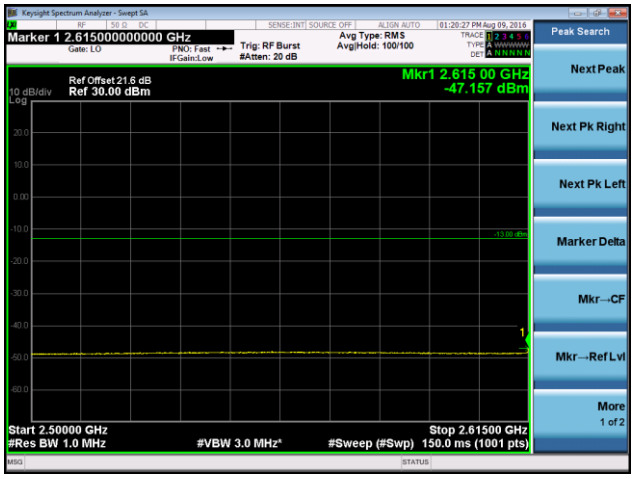
Mode	CB: 5MHz, 16QAM

Low Channel, 1RB-1

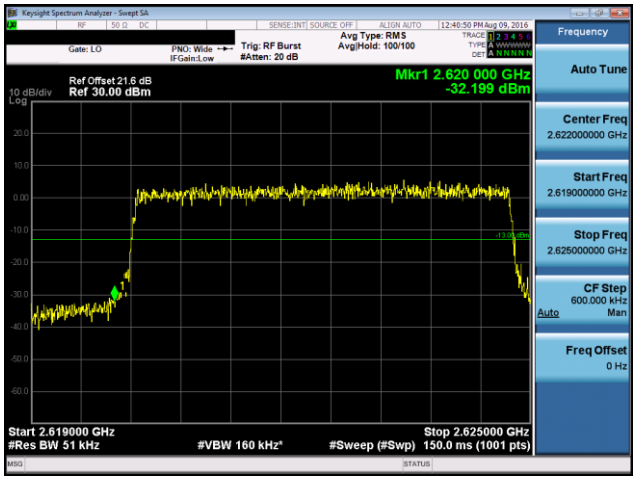


Low Channel, 1RB-2

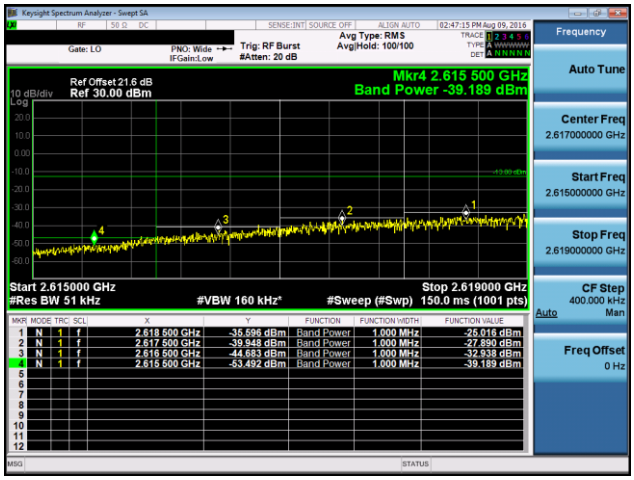
Low Channel, 1RB-3



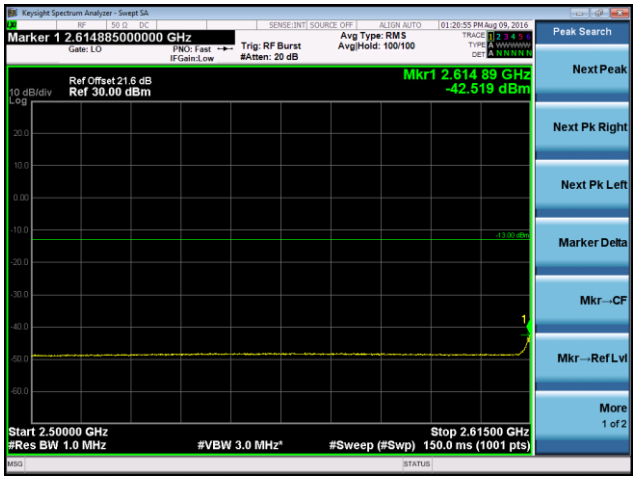
Low Channel, 100%RB-1



Low Channel, 100%RB-2

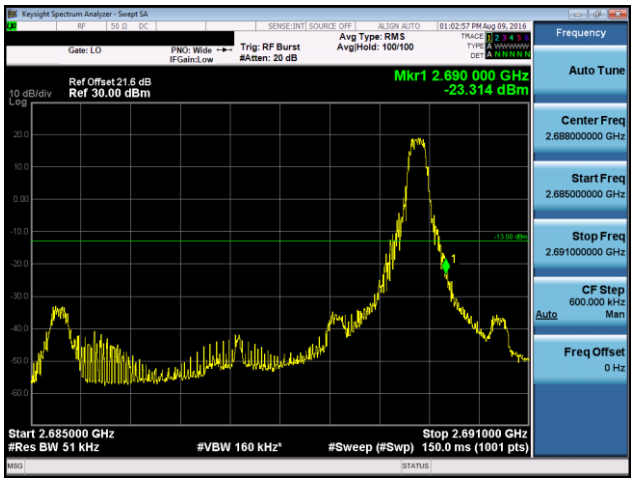


Low Channel, 100%RB-3



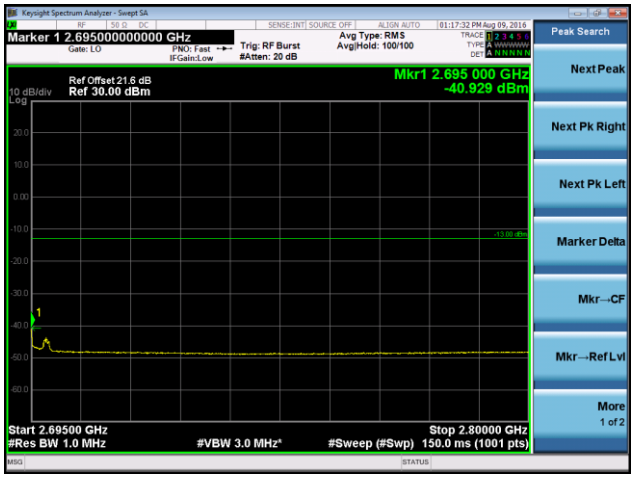
Mode	CB: 5MHz, 16QAM

High Channel, 1RB-1

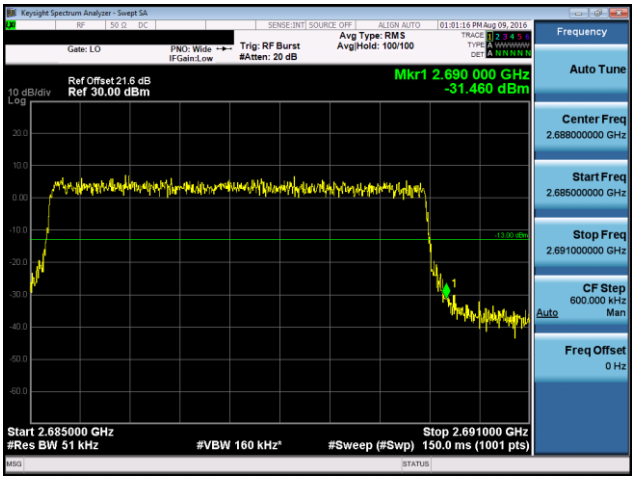


High Channel, 1RB-2

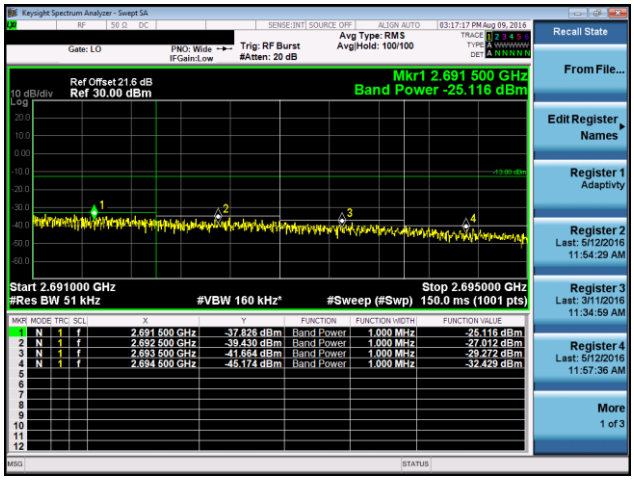
High Channel, 1RB-3



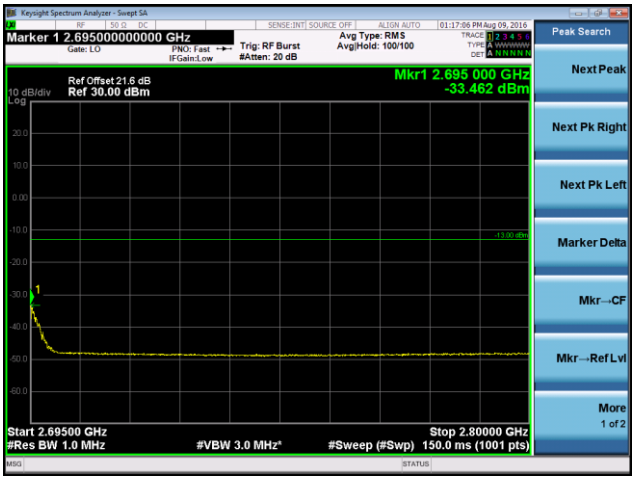
High Channel, 100%RB-1



High Channel, 100%RB-2

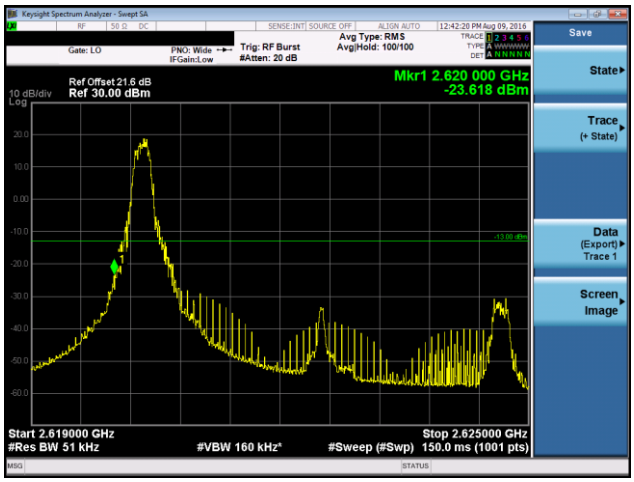


High Channel, 100%RB-3



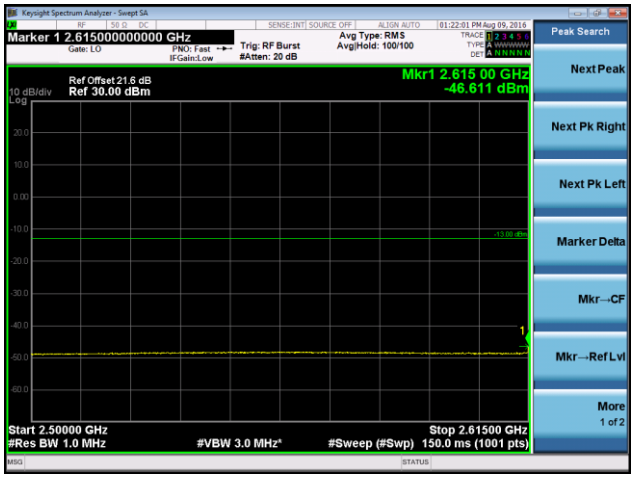
Mode	CB: 5MHz, 64QAM

Low Channel, 1RB-1

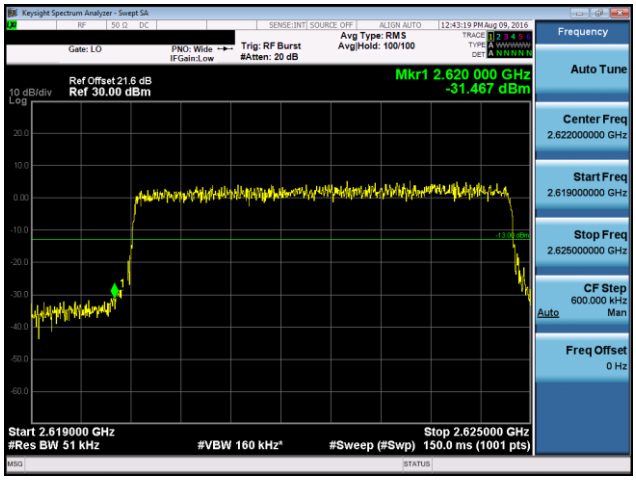


Low Channel, 1RB-2

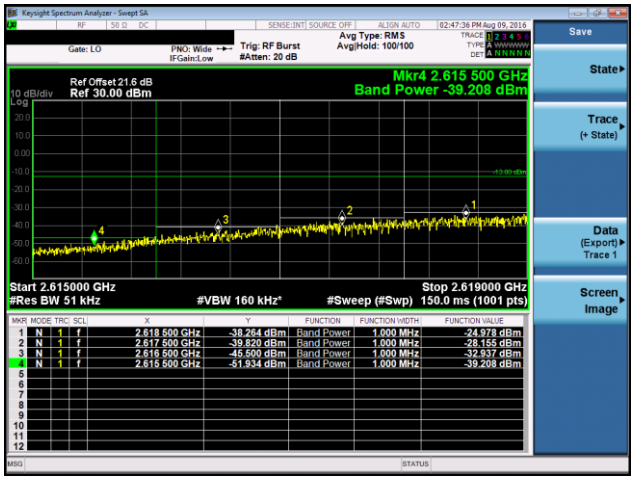
Low Channel, 1RB-3



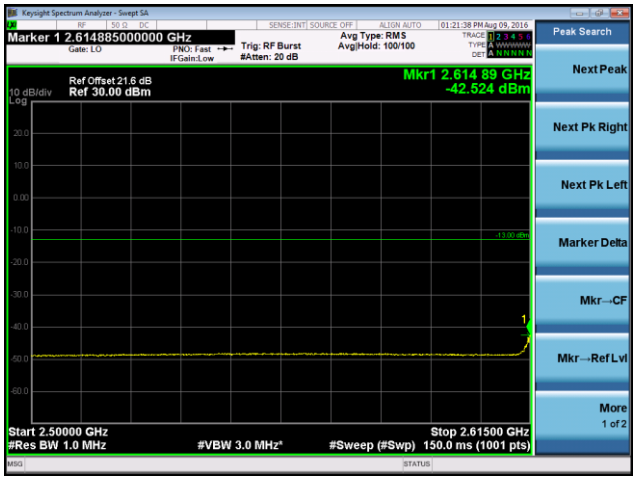
Low Channel, 100%RB-1



Low Channel, 100%RB-2

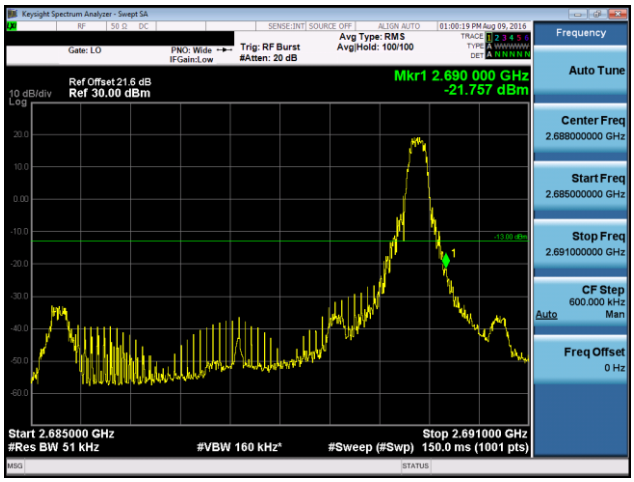


Low Channel, 100%RB-3



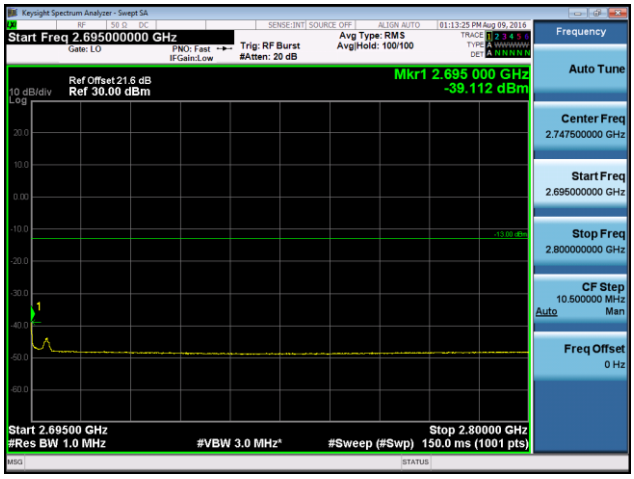
Mode	CB: 5MHz, 64QAM

High Channel, 1RB-1

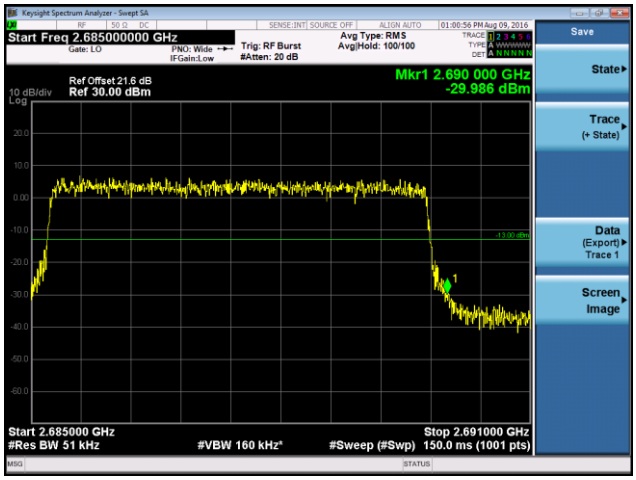


High Channel, 1RB-2

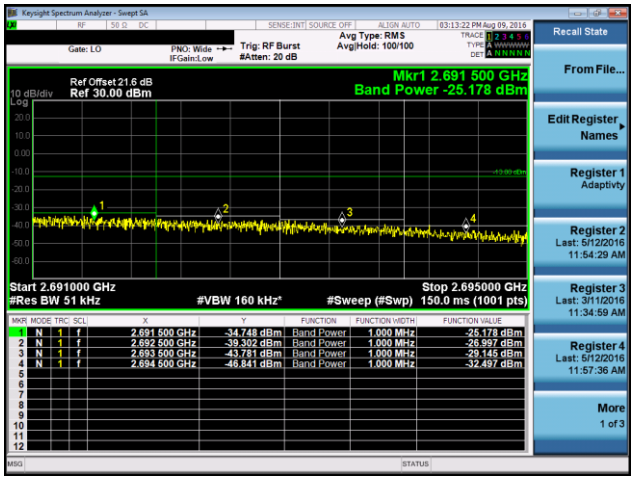
High Channel, 1RB-3



High Channel, 100%RB-1



High Channel, 100%RB-2



High Channel, 100%RB-3