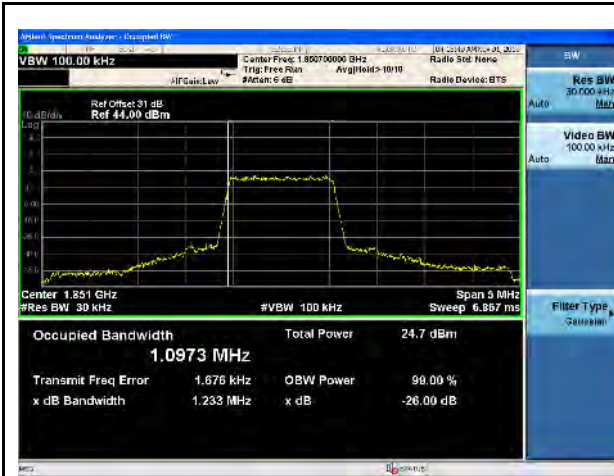


## Appendix A - LTE OBW Test Plots



LTE Band 2, QPSK, 1.4MHz-Low CH



LTE Band 2, QPSK, 1.4MHz-Mid CH



LTE Band 2, QPSK, 1.4MHz-High CH



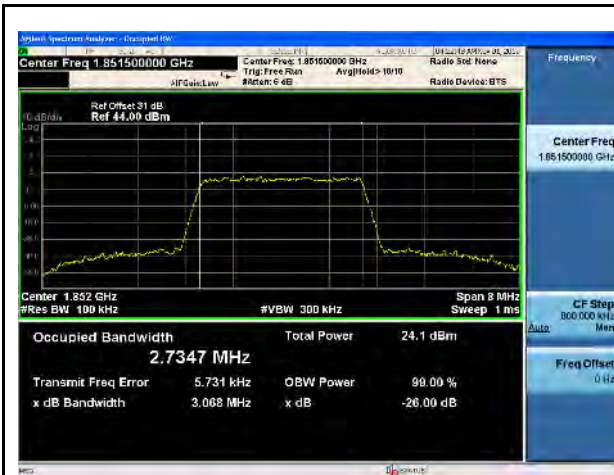
LTE Band 2, 16QAM, 1.4MHz-Low CH



LTE Band 2, 16QAM, 1.4MHz-Mid CH



LTE Band 2, 16QAM, 1.4MHz-High CH



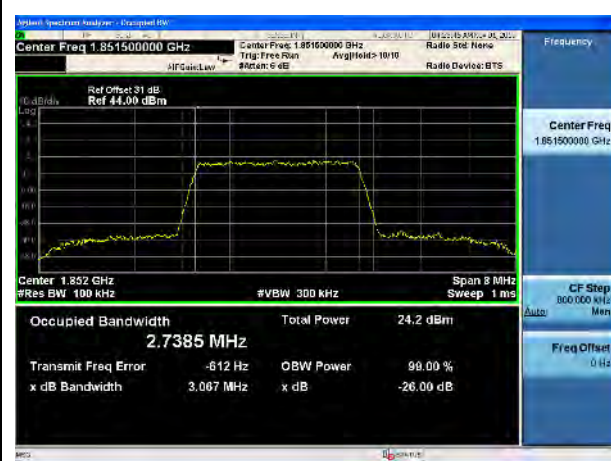
LTE Band 2, QPSK, 3MHz-Low CH



LTE Band 2, QPSK, 3MHz-Mid CH



LTE Band 2, QPSK, 3MHz-High CH



LTE Band 2, 16QAM, 3MHz-Low CH



LTE Band 2, 16QAM, 3MHz-Mid CH



LTE Band 2, 16QAM, 3MHz-High CH



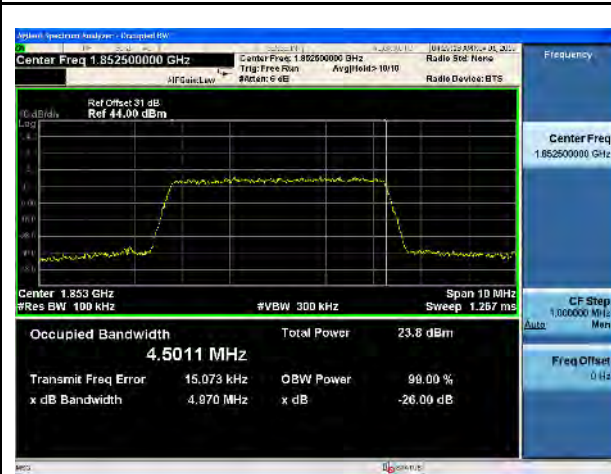
LTE Band 2, QPSK, 5MHz-Low CH



LTE Band 2, QPSK, 5MHz-Mid CH



LTE Band 2, QPSK, 5MHz-High CH



LTE Band 2, 16QAM, 5MHz-Low CH



LTE Band 2, 16QAM, 5MHz-Mid CH



LTE Band 2, 16QAM, 5MHz-High CH

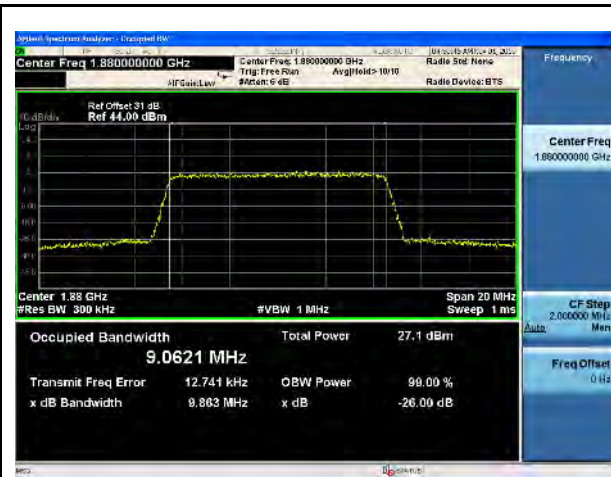
Report Number: WAP-19091821-LC-FCC-IC-LTE  
 Product: Vehicle Telematics Control Unit  
 Model Number: FB5-TCU-NA



Page 99 of 176



LTE Band 2, QPSK, 10MHz-Low CH



LTE Band 2, QPSK, 10MHz-Mid CH



LTE Band 2, QPSK, 10MHz-High CH



LTE Band 2, 16QAM, 10MHz-Low CH



LTE Band 2, 16QAM, 10MHz-Mid CH



LTE Band 2, 16QAM, 10MHz-High CH



Electromagnetic Compatibility  
 Radio Frequency  
 Product Certification  
 International Approval

1261 Puerta Del Sol  
 San Clemente, CA, 92673  
 +1 (949) 393-1123  
[www.vista-compliance.com](http://www.vista-compliance.com)



LTE Band 2, QPSK, 15MHz-Low CH



LTE Band 2, QPSK, 15MHz-Mid CH



LTE Band 2, QPSK, 15MHz-High CH



LTE Band 2, 16QAM, 15MHz-Low CH



LTE Band 2, 16QAM, 15MHz-Mid CH



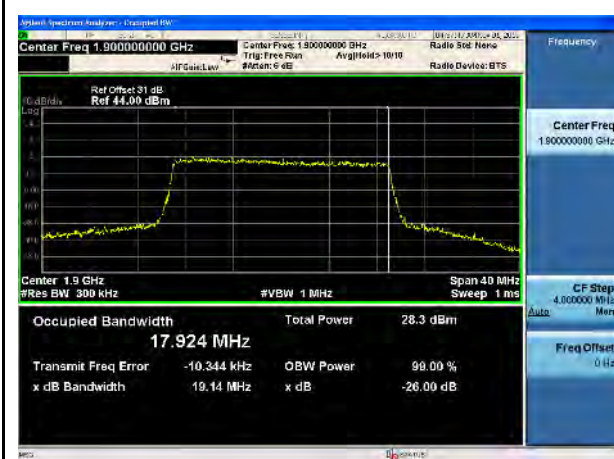
LTE Band 2, 16QAM, 15MHz-High CH



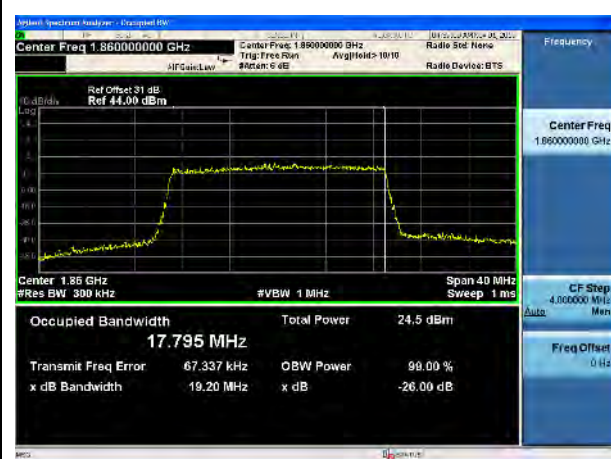
LTE Band 2, QPSK, 20MHz-Low CH



LTE Band 2, QPSK, 20MHz-Mid CH



LTE Band 2, QPSK, 20MHz-High CH



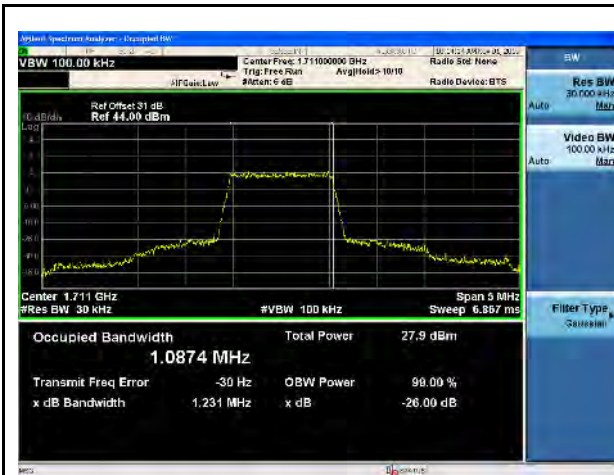
LTE Band 2, 16QAM, 20MHz-Low CH



LTE Band 2, 16QAM, 20MHz-Mid CH



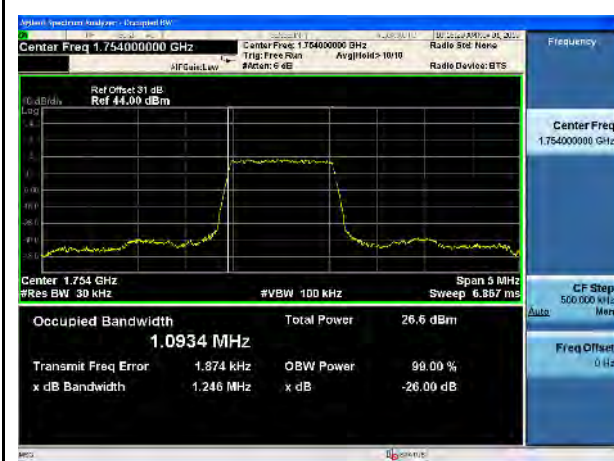
LTE Band 2, 16QAM, 20MHz-High CH



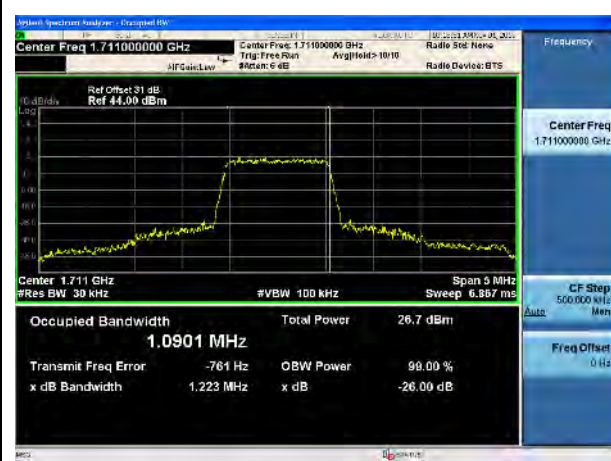
LTE Band 4, QPSK, 1.4MHz-Low CH



LTE Band 4, QPSK, 1.4MHz-Mid CH



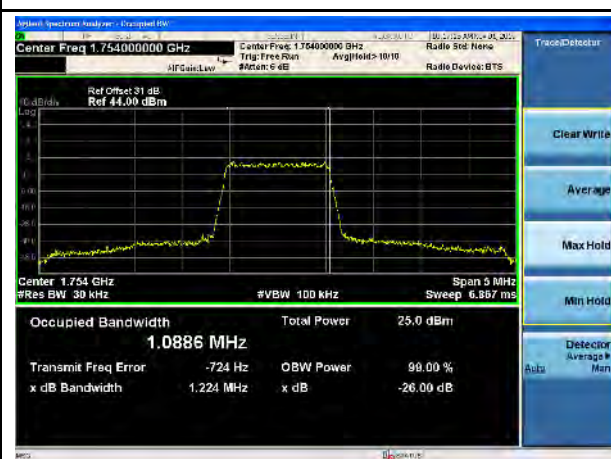
LTE Band 4, QPSK, 1.4MHz-High CH



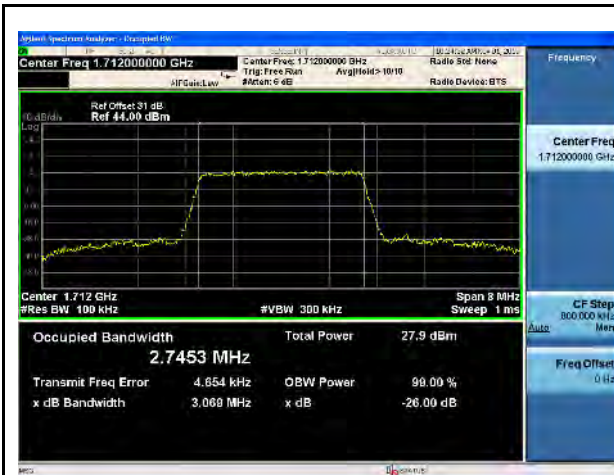
LTE Band 4, 16QAM, 1.4MHz-Low CH



LTE Band 4, 16QAM, 1.4MHz-Mid CH



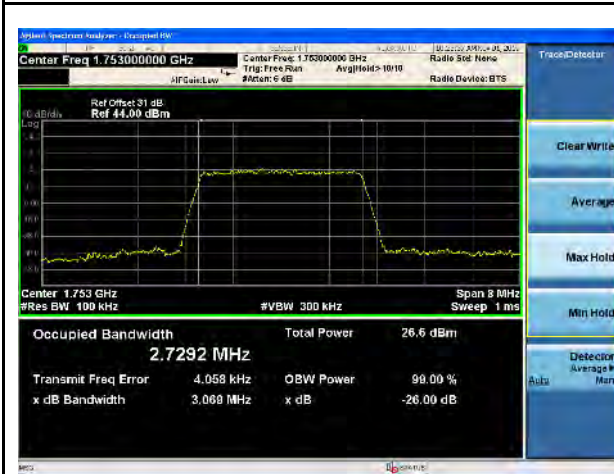
LTE Band 4, 16QAM, 1.4MHz-High CH



LTE Band 4, QPSK, 3MHz-Low CH



LTE Band 4, QPSK, 3MHz-Mid CH



LTE Band 4, QPSK, 3MHz-High CH



LTE Band 4, 16QAM, 3MHz-Low CH



LTE Band 4, 16QAM, 3MHz-Mid CH



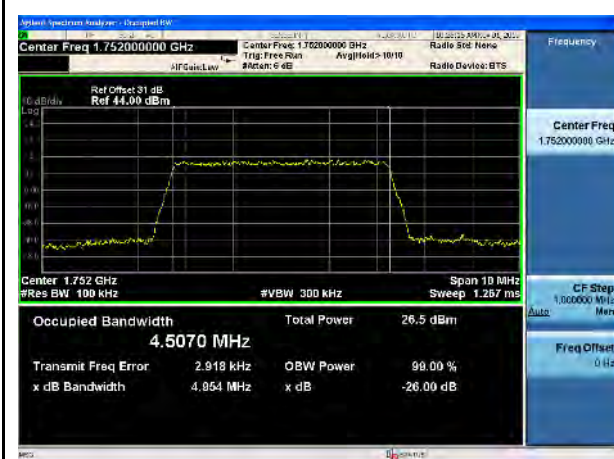
LTE Band 4, 16QAM, 3MHz-High CH



LTE Band 4, QPSK, 5MHz-Low CH



LTE Band 4, QPSK, 5MHz-Mid CH



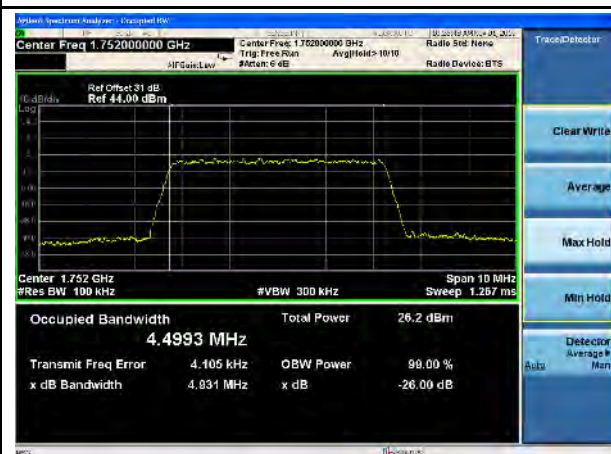
LTE Band 4, QPSK, 5MHz-High CH



LTE Band 4, 16QAM, 5MHz-Low CH



LTE Band 4, 16QAM, 5MHz-Mid CH



LTE Band 4, 16QAM, 5MHz-High CH



LTE Band 4, QPSK, 10MHz-Low CH



LTE Band 4, QPSK, 10MHz-Mid CH



LTE Band 4, QPSK, 10MHz-High CH



LTE Band 4, 16QAM, 10MHz-Low CH



LTE Band 4, 16QAM, 10MHz-Mid CH



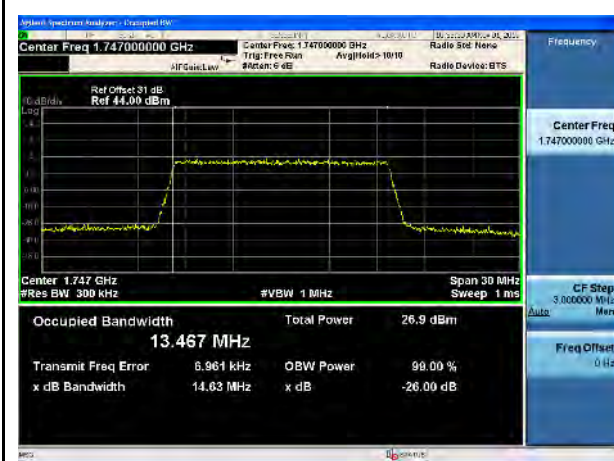
LTE Band 4, 16QAM, 10MHz-High CH



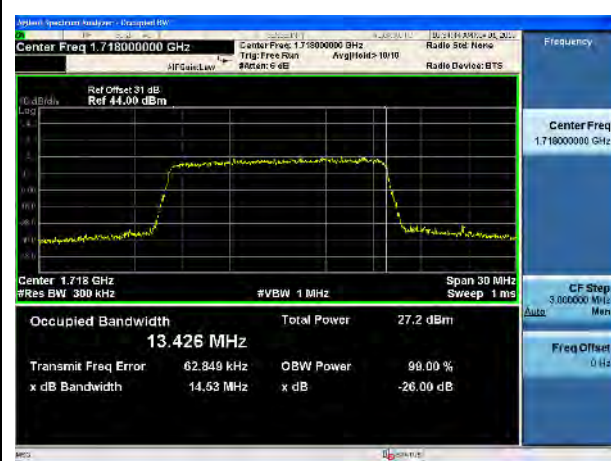
LTE Band 4, QPSK, 15MHz-Low CH



LTE Band 4, QPSK, 15MHz-Mid CH



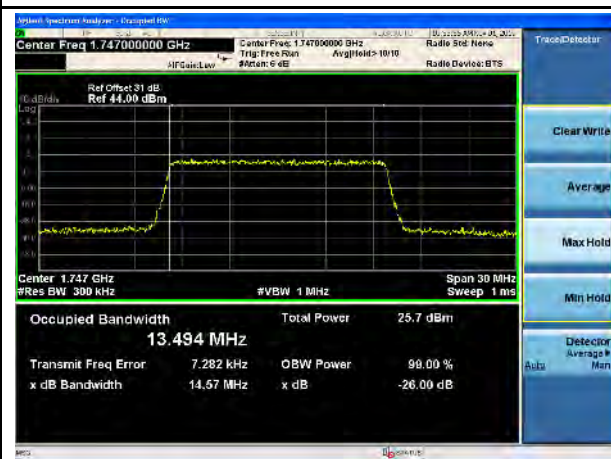
LTE Band 4, QPSK, 15MHz-High CH



LTE Band 4, 16QAM, 15MHz-Low CH



LTE Band 4, 16QAM, 15MHz-Mid CH



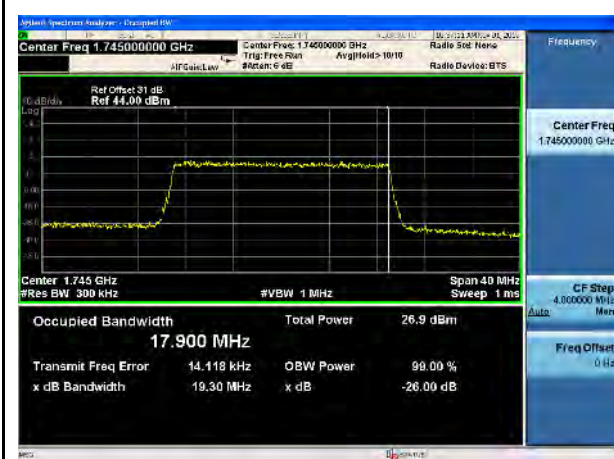
LTE Band 4, 16QAM, 15MHz-High CH



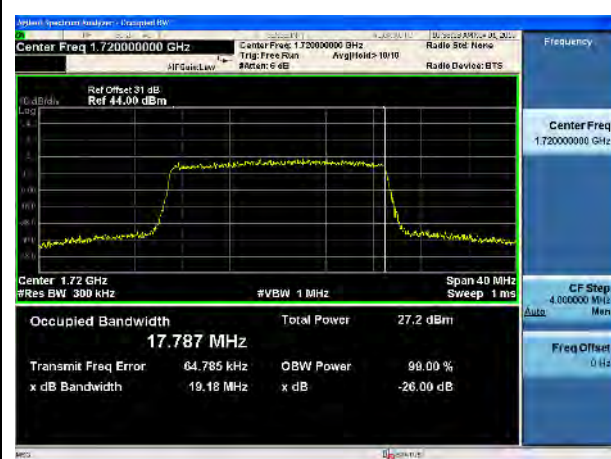
LTE Band 4, QPSK, 20MHz-Low CH



LTE Band 4, QPSK, 20MHz-Mid CH



LTE Band 4, QPSK, 20MHz-High CH



LTE Band 4, 16QAM, 20MHz-Low CH



LTE Band 4, 16QAM, 20MHz-Mid CH



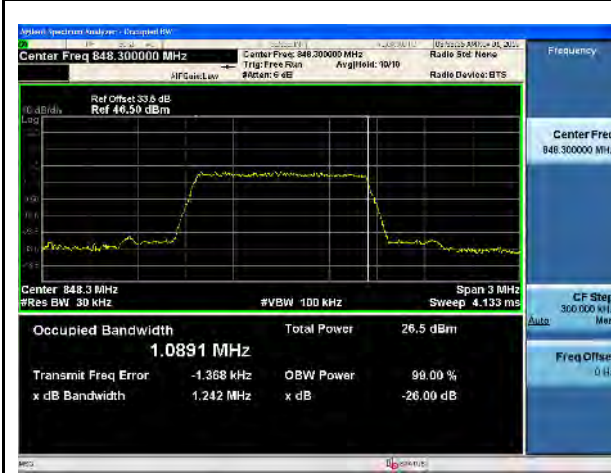
LTE Band 4, 16QAM, 20MHz-High CH



LTE Band 5, QPSK, 1.4MHz-Low CH



LTE Band 5, QPSK, 1.4MHz-Mid CH



LTE Band 5, QPSK, 1.4MHz-High CH



LTE Band 5, 16QAM, 1.4MHz-Low CH



LTE Band 5, 16QAM, 1.4MHz-Mid CH



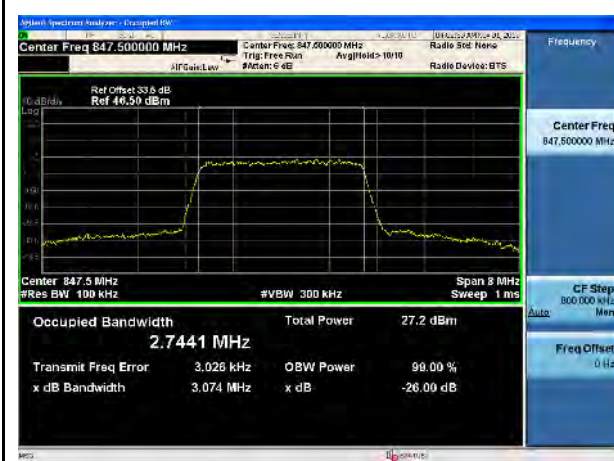
LTE Band 5, 16QAM, 1.4MHz-High CH



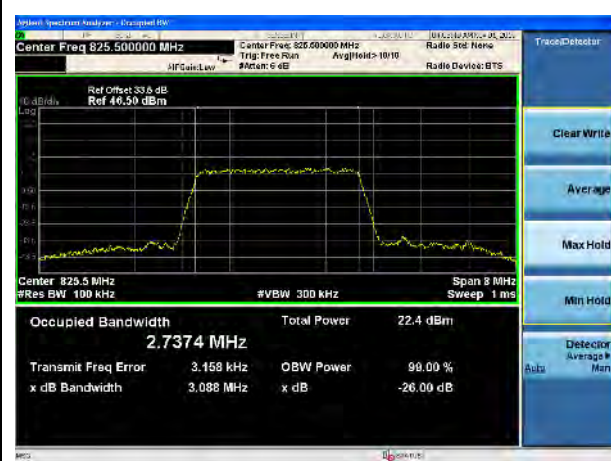
LTE Band 5, QPSK, 3MHz-Low CH



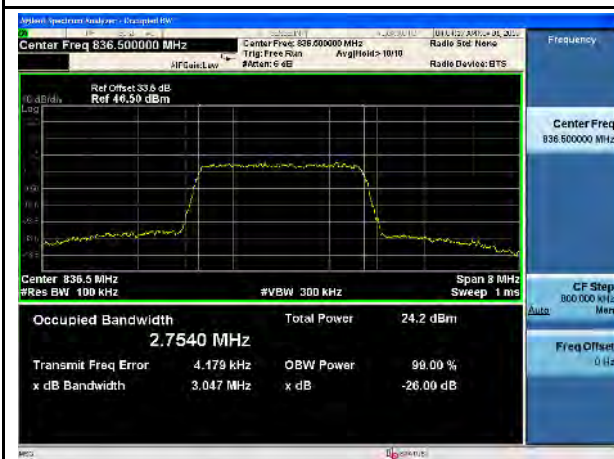
LTE Band 5, QPSK, 3MHz-Mid CH



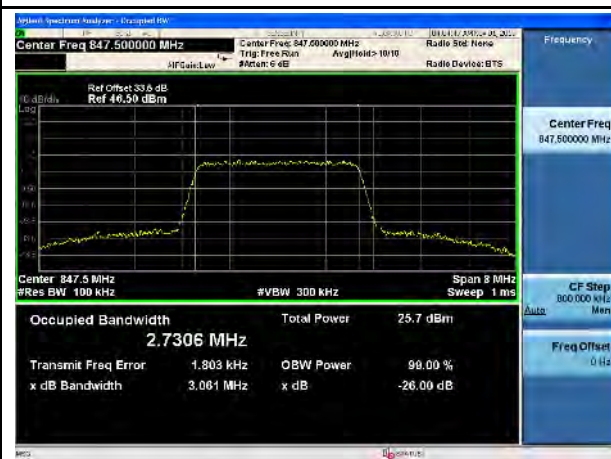
LTE Band 5, QPSK, 3MHz-High CH



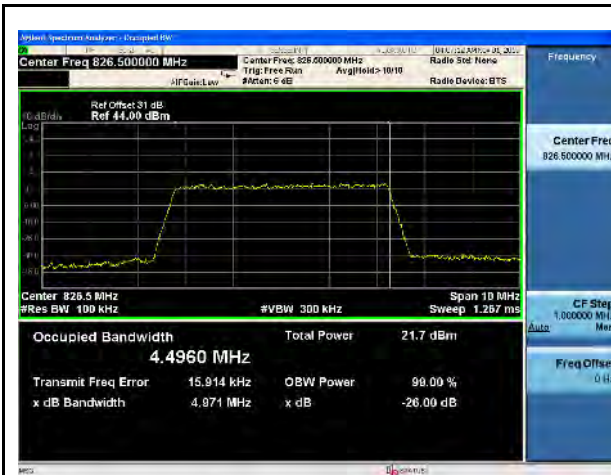
LTE Band 5, 16QAM, 3MHz-Low CH



LTE Band 5, 16QAM, 3MHz-Mid CH



LTE Band 5, 16QAM, 3MHz-High CH



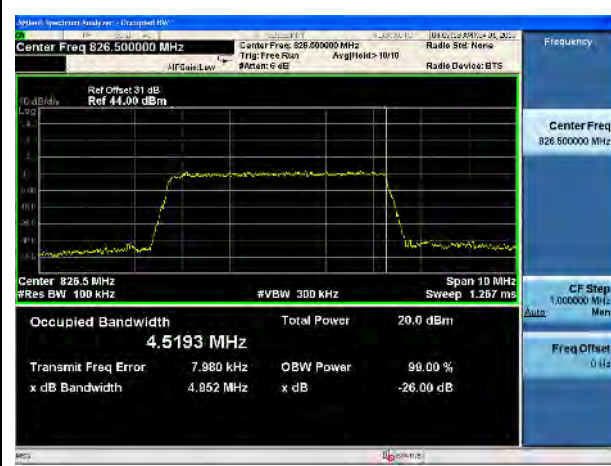
LTE Band 5, QPSK, 5MHz-Low CH



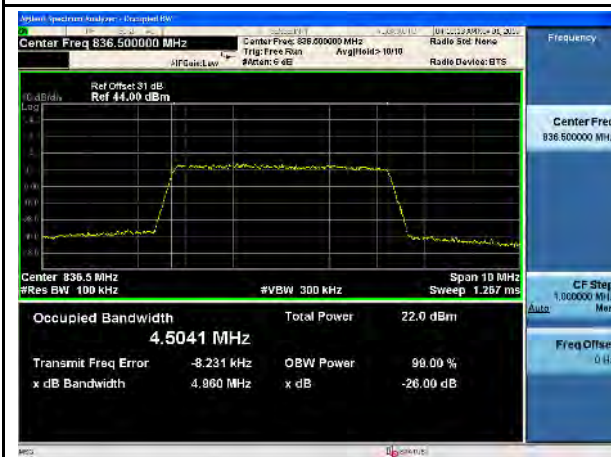
LTE Band 5, QPSK, 5MHz-Mid CH



LTE Band 5, QPSK, 5MHz-High CH



LTE Band 5, 16QAM, 5MHz-Low CH



LTE Band 5, 16QAM, 5MHz-Mid CH



LTE Band 5, 16QAM, 5MHz-High CH



LTE Band 5, QPSK, 10MHz-Low CH



LTE Band 5, QPSK, 10MHz-Mid CH



LTE Band 5, QPSK, 10MHz-High CH



LTE Band 5, 16QAM, 10MHz-Low CH



LTE Band 5, 16QAM, 10MHz-Mid CH



LTE Band 5, 16QAM, 10MHz-High CH



LTE Band 12, QPSK, 1.4MHz-Low CH



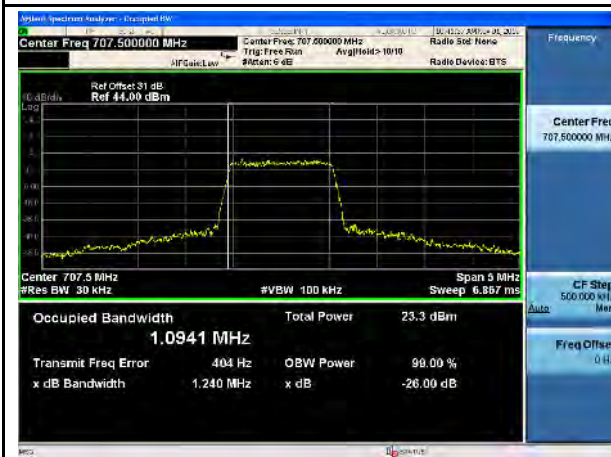
LTE Band 12, QPSK, 1.4MHz-Mid CH



LTE Band 12, QPSK, 1.4MHz-High CH



LTE Band 12, 16QAM, 1.4MHz-Low CH



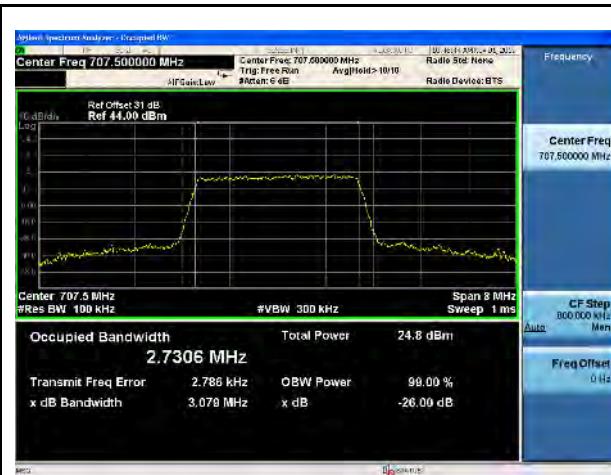
LTE Band 12, 16QAM, 1.4MHz-Mid CH



LTE Band 12, 16QAM, 1.4MHz-High CH



LTE Band 12, QPSK, 3MHz-Low CH



LTE Band 12, QPSK, 3MHz-Mid CH



LTE Band 12, QPSK, 3MHz-High CH



LTE Band 12, 16QAM, 3MHz-Low CH



LTE Band 12, 16QAM, 3MHz-Mid CH



LTE Band 12, 16QAM, 3MHz-High CH



LTE Band 12, QPSK, 5MHz-Low CH



LTE Band 12, QPSK, 5MHz-Mid CH



LTE Band 12, QPSK, 5MHz-High CH



LTE Band 12, 16QAM, 5MHz-Low CH



LTE Band 12, 16QAM, 5MHz-Mid CH



LTE Band 12, 16QAM, 5MHz-High CH



LTE Band 12, QPSK, 10MHz-Low CH



LTE Band 12, QPSK, 10MHz-Mid CH



LTE Band 12, QPSK, 10MHz-High CH



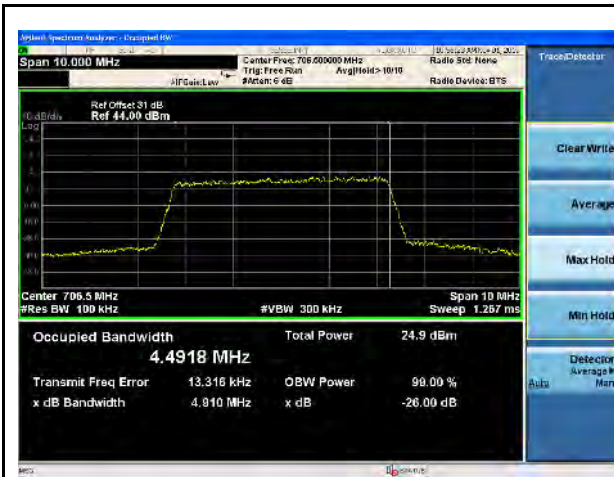
LTE Band 12, 16QAM, 10MHz-Low CH



LTE Band 12, 16QAM, 10MHz-Mid CH



LTE Band 12, 16QAM, 10MHz-High CH



LTE Band 17, QPSK, 5MHz-Low CH



LTE Band 17, QPSK, 5MHz-Mid CH



LTE Band 17, QPSK, 5MHz-High CH



LTE Band 17, 16QAM, 5MHz-Low CH



LTE Band 17, 16QAM, 5MHz-Mid CH



LTE Band 17, 16QAM, 5MHz-High CH



LTE Band 17, QPSK, 10MHz-Low CH



LTE Band 17, QPSK, 10MHz-Mid CH



LTE Band 17, QPSK, 10MHz-High CH



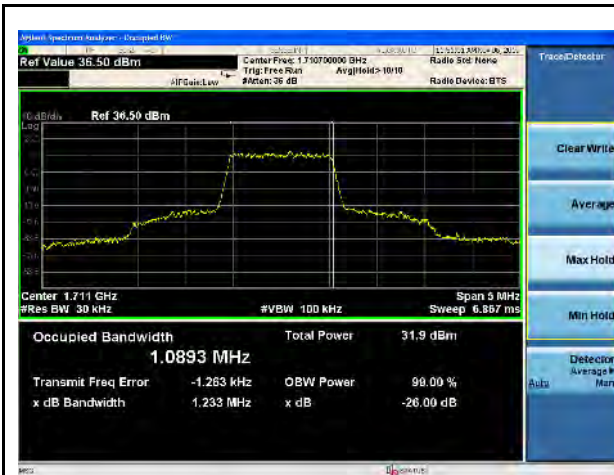
LTE Band 17, 16QAM, 10MHz-Low CH



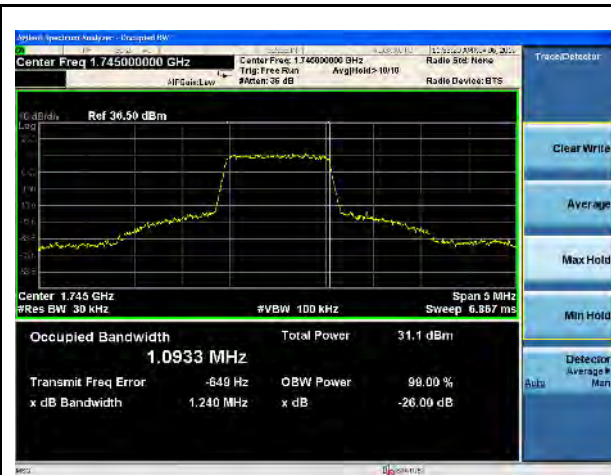
LTE Band 17, 16QAM, 10MHz-Mid CH



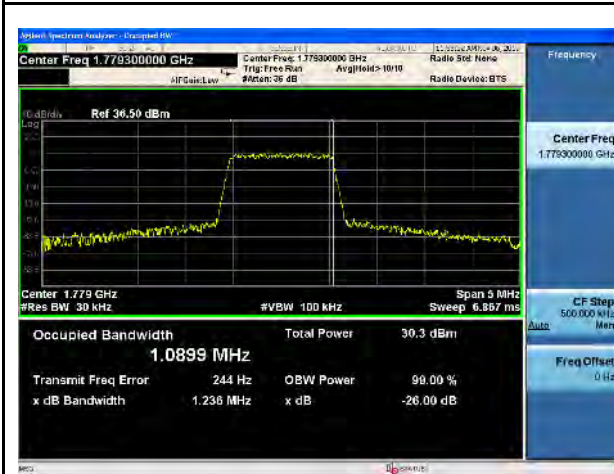
LTE Band 17, 16QAM, 10MHz-High CH



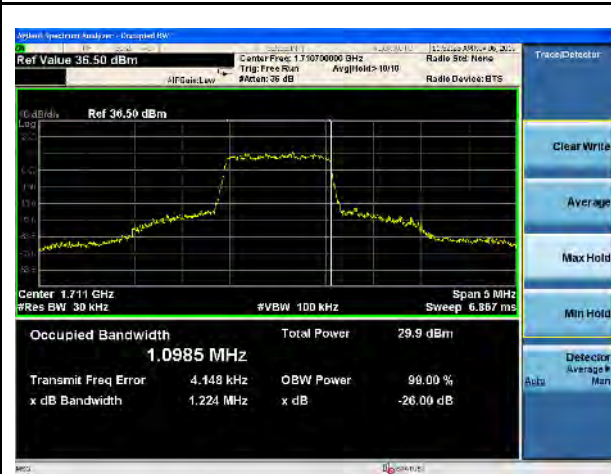
LTE Band 66, QPSK, 1.4MHz-Low CH



LTE Band 66, QPSK, 1.4MHz-Mid CH



LTE Band 66, QPSK, 1.4MHz-High CH



LTE Band 66, 16QAM, 1.4MHz-Low CH



LTE Band 66, 16QAM, 1.4MHz-Mid CH



LTE Band 66, 16QAM, 1.4MHz-High CH



LTE Band 66, QPSK, 3MHz-Low CH



LTE Band 66, QPSK, 3MHz-Mid CH



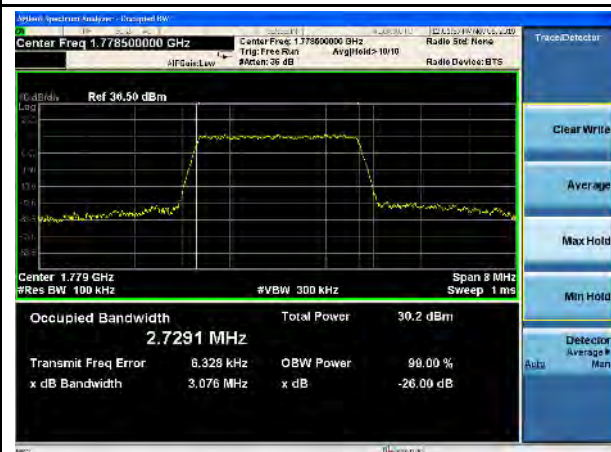
LTE Band 66, QPSK, 3MHz-High CH



LTE Band 66, 16QAM, 3MHz-Low CH



LTE Band 66, 16QAM, 3MHz-Mid CH



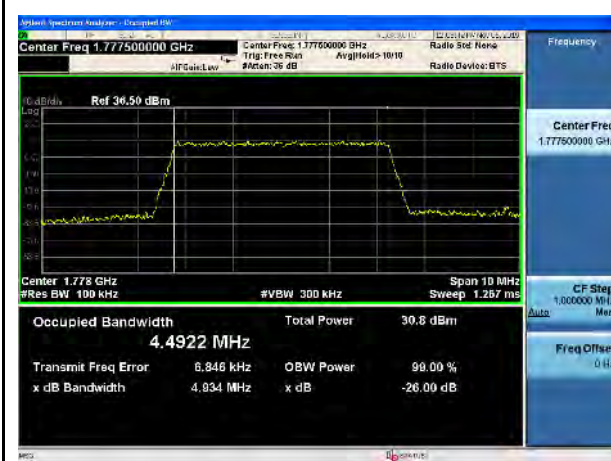
LTE Band 66, 16QAM, 3MHz-High CH



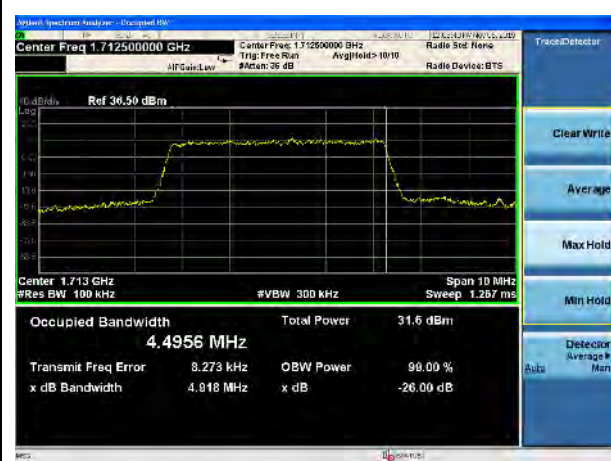
LTE Band 66, QPSK, 5MHz-Low CH



LTE Band 66, QPSK, 5MHz-Mid CH



LTE Band 66, QPSK, 5MHz-High CH



LTE Band 66, 16QAM, 5MHz-Low CH



LTE Band 66, 16QAM, 5MHz-Mid CH



LTE Band 66, 16QAM, 5MHz-High CH



LTE Band 66, QPSK, 10MHz-Low CH



LTE Band 66, QPSK, 10MHz-Mid CH



LTE Band 66, QPSK, 10MHz-High CH



LTE Band 66, 16QAM, 10MHz-Low CH



LTE Band 66, 16QAM, 10MHz-Mid CH



LTE Band 66, 16QAM, 10MHz-High CH



LTE Band 66, QPSK, 15MHz-Low CH



LTE Band 66, QPSK, 15MHz-Mid CH



LTE Band 66, QPSK, 15MHz-High CH



LTE Band 66, 16QAM, 15MHz-Low CH



LTE Band 66, 16QAM, 15MHz-Mid CH



LTE Band 66, 16QAM, 15MHz-High CH



LTE Band 66, QPSK, 20MHz-Low CH



LTE Band 66, QPSK, 20MHz-Mid CH



LTE Band 66, QPSK, 20MHz-High CH



LTE Band 66, 16QAM, 20MHz-Low CH



LTE Band 66, 16QAM, 20MHz-Mid CH

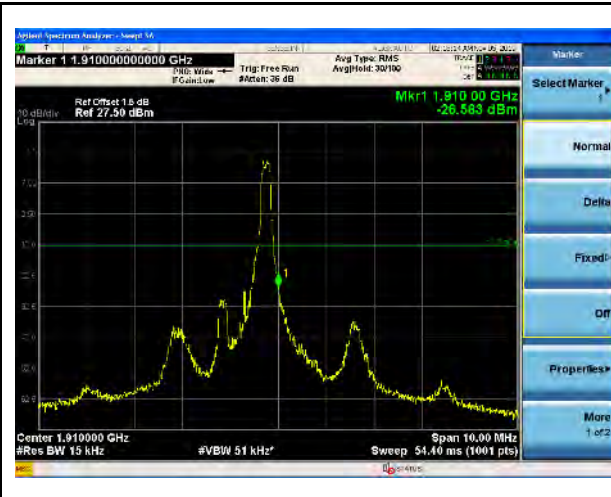


LTE Band 66, 16QAM, 20MHz-High CH

## Appendix B - LTE BE Test Plots



LTE Band 2, QPSK, 1.4MHz-Low CH, 1RB



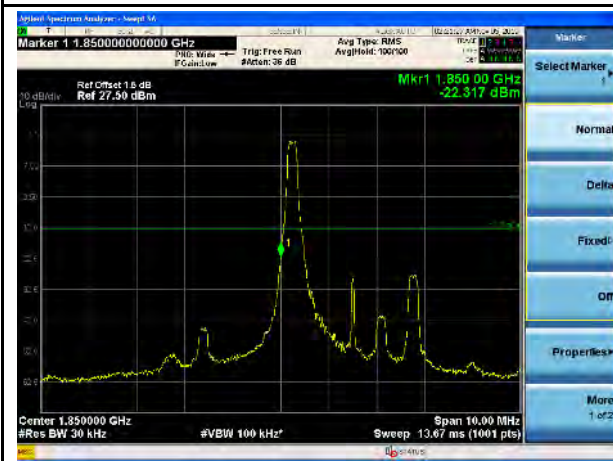
LTE Band 2, QPSK, 1.4MHz-High CH, 1RB



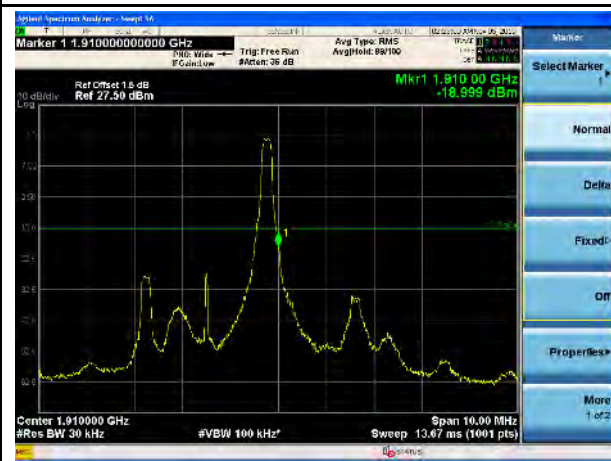
LTE Band 2, QPSK, 1.4MHz-Low CH, 100% RB



LTE Band 2, QPSK, 1.4MHz-High CH, 100% RB



LTE Band 2, QPSK, 3MHz-Low CH, 1RB



LTE Band 2, QPSK, 3MHz-High CH, 1RB



LTE Band 2, QPSK, 3MHz-Low CH, 100% RB



LTE Band 2, QPSK, 3MHz-High CH, 100% RB



LTE Band 2, QPSK, 5MHz-Low CH, 1RB



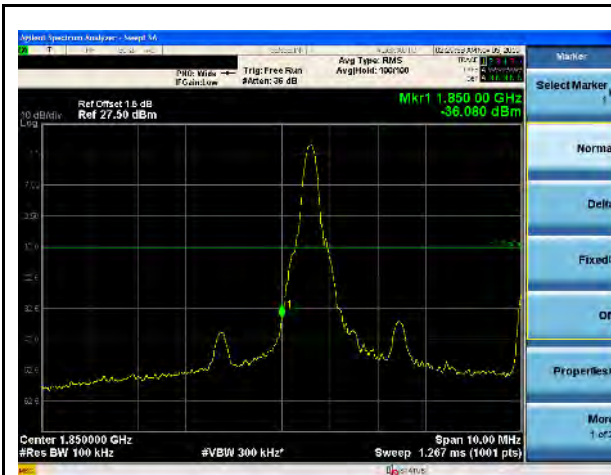
LTE Band 2, QPSK, 5MHz-High CH, 1RB



LTE Band 2, QPSK, 5MHz-Low CH, 100% RB



LTE Band 2, QPSK, 5MHz-High CH, 100% RB



LTE Band 2, QPSK, 10MHz-Low CH, 1RB



LTE Band 2, QPSK, 10MHz-High CH, 1RB



LTE Band 2, QPSK, 10MHz-Low CH, 100% RB



LTE Band 2, QPSK, 10MHz-High CH, 100% RB



LTE Band 2, QPSK, 15MHz-Low CH, 1RB



LTE Band 2, QPSK, 15MHz-High CH, 1RB



LTE Band 2, QPSK, 15MHz-Low CH, 100% RB



LTE Band 2, QPSK, 15MHz-High CH, 100% RB



LTE Band 2, QPSK, 20MHz-Low CH, 1RB



LTE Band 2, QPSK, 20MHz-High CH, 1RB



LTE Band 2, QPSK, 20MHz-Low CH, 100% RB



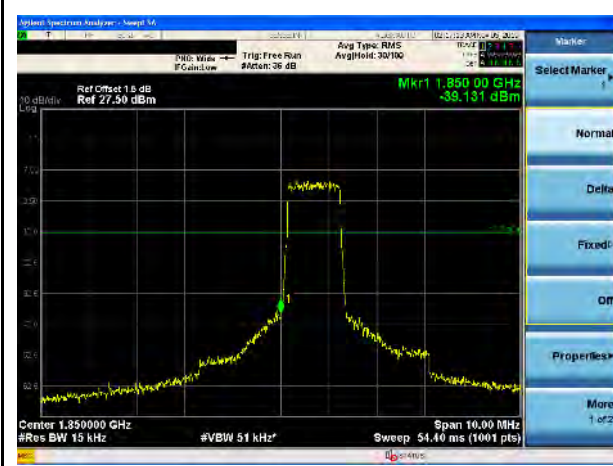
LTE Band 2, QPSK, 20MHz-High CH, 100% RB



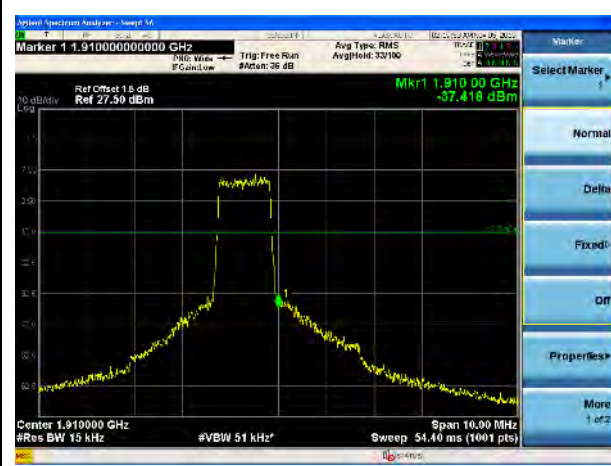
LTE Band 2, 16QAM, 1.4MHz-Low CH, 1RB



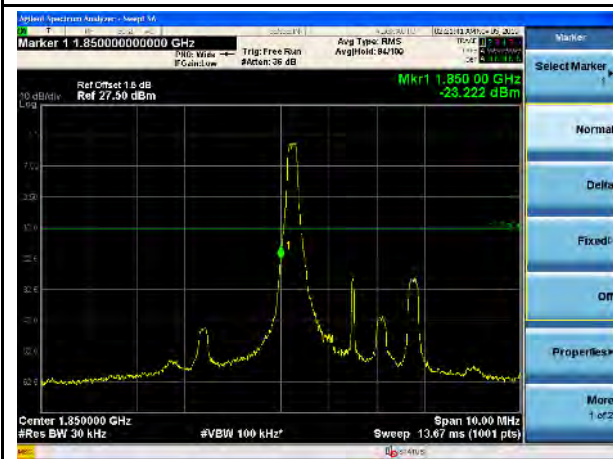
LTE Band 2, 16QAM, 1.4MHz-High CH, 1RB



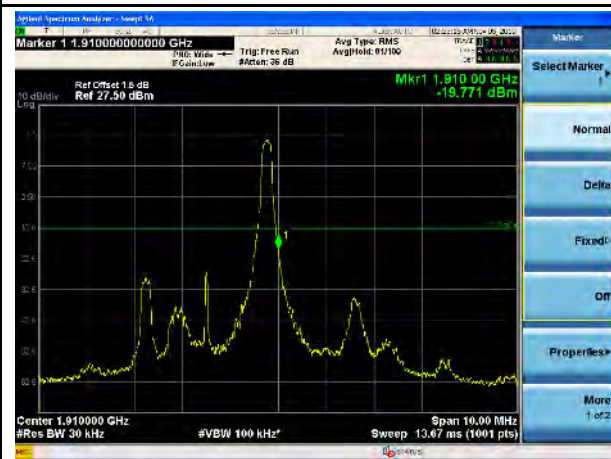
LTE Band 2, 16QAM, 1.4MHz-Low CH, 100% RB



LTE Band 2, 16QAM, 1.4MHz-High CH, 100% RB



LTE Band 2, 16QAM, 3MHz-Low CH, 1RB



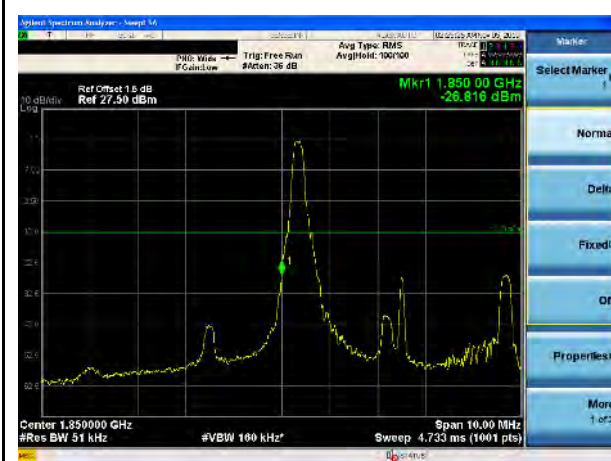
LTE Band 2, 16QAM, 3MHz-High CH, 1RB



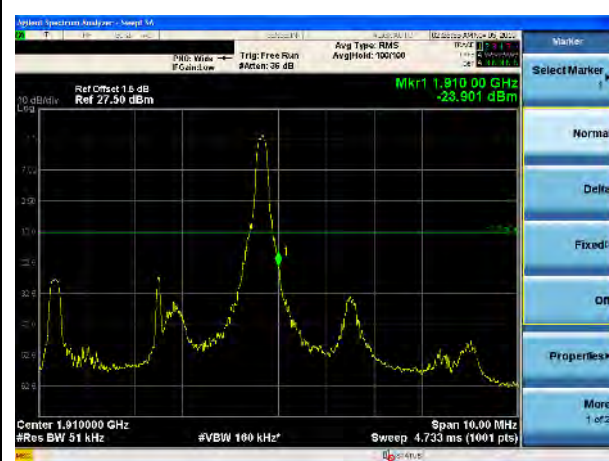
LTE Band 2, 16QAM, 3MHz-Low CH, 100% RB



LTE Band 2, 16QAM, 3MHz-High CH, 100% RB



LTE Band 2, 16QAM, 5MHz-Low CH, 1RB



LTE Band 2, 16QAM, 5MHz-High CH, 1RB



LTE Band 2, 16QAM, 5MHz-Low CH, 100% RB



LTE Band 2, 16QAM, 5MHz-High CH, 100% RB



LTE Band 2, 16QAM, 10MHz-Low CH, 1RB



LTE Band 2, 16QAM, 10MHz-High CH, 1RB



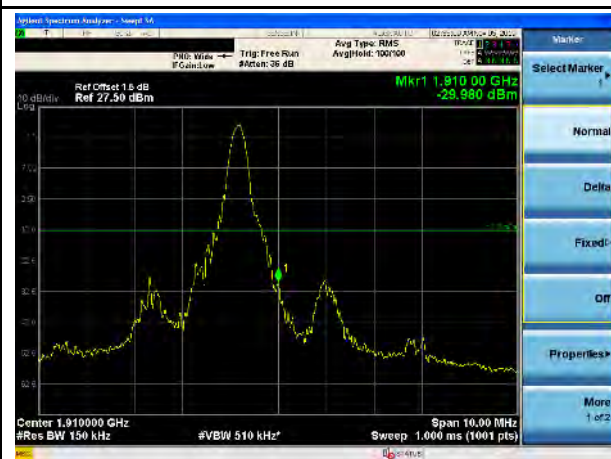
LTE Band 2, 16QAM, 10MHz-Low CH, 100% RB



LTE Band 2, 16QAM, 10MHz-High CH, 100% RB



LTE Band 2, 16QAM, 15MHz-Low CH, 1RB



LTE Band 2, 16QAM, 15MHz-High CH, 1RB



LTE Band 2, 16QAM, 15MHz-Low CH, 100% RB



LTE Band 2, 16QAM, 15MHz-High CH, 100% RB



LTE Band 2, 16QAM, 20MHz-Low CH, 1RB



LTE Band 2, 16QAM, 20MHz-High CH, 1RB



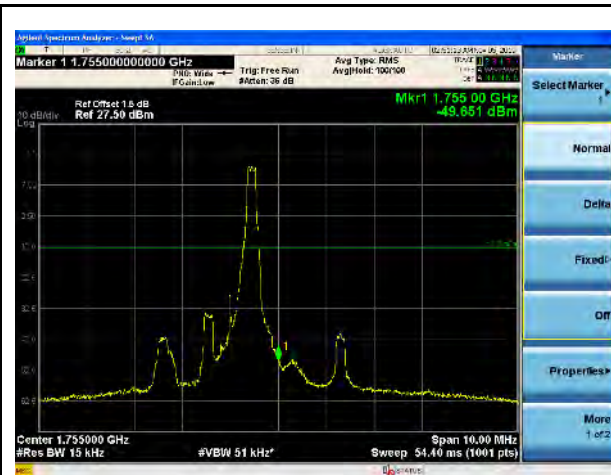
LTE Band 2, 16QAM, 20MHz-Low CH, 100% RB



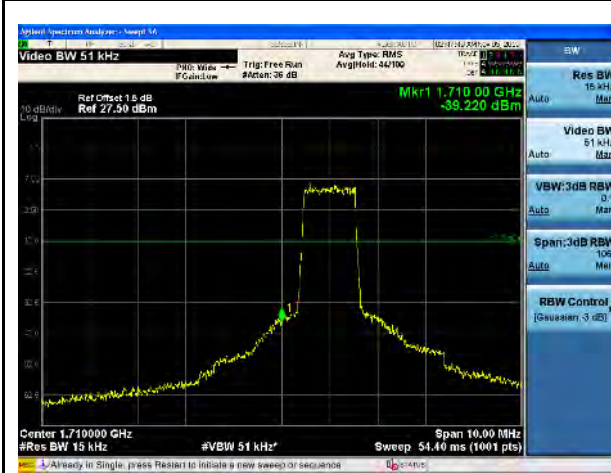
LTE Band 2, 16QAM, 20MHz-High CH, 100% RB



LTE Band 4, QPSK, 1.4MHz-Low CH, 1RB



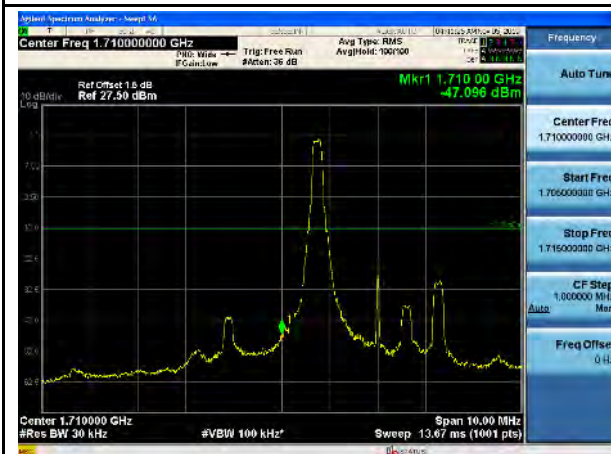
LTE Band 4, QPSK, 1.4MHz-High CH, 1RB



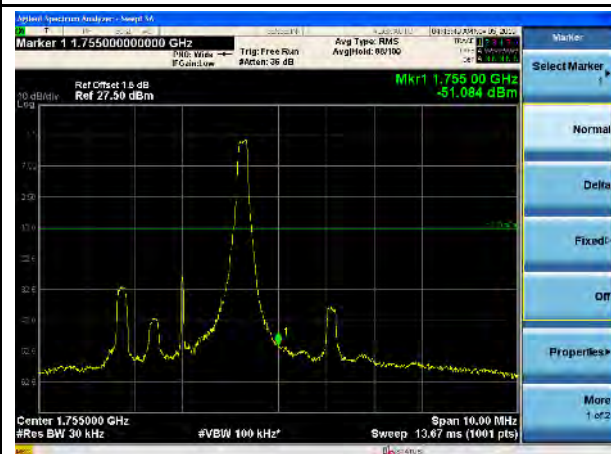
LTE Band 4, QPSK, 1.4MHz-Low CH, 100% RB



LTE Band 4, QPSK, 1.4MHz-High CH, 100% RB



LTE Band 4, QPSK, 3MHz-Low CH, 1RB



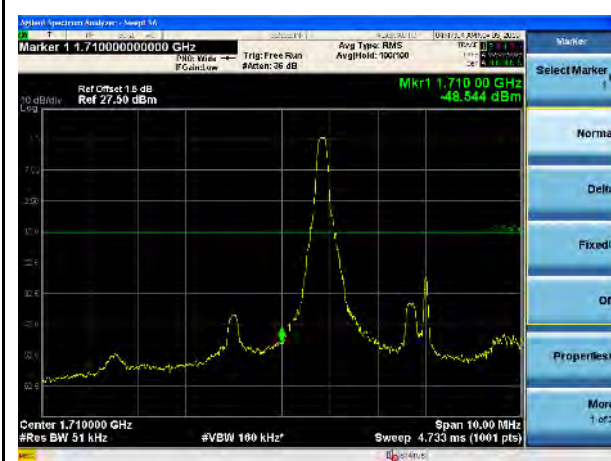
LTE Band 4, QPSK, 3MHz-High CH, 1RB



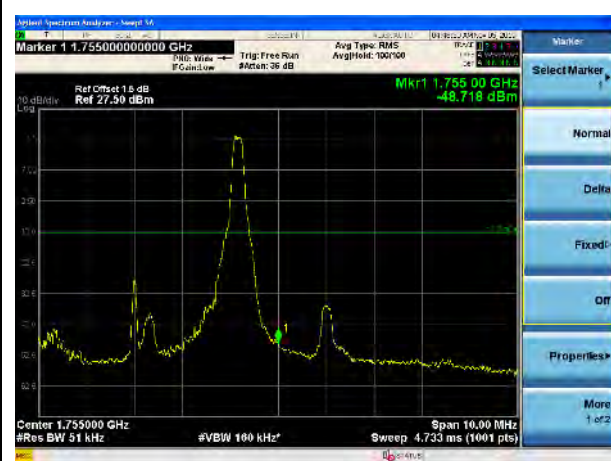
LTE Band 4, QPSK, 3MHz-Low CH, 100% RB



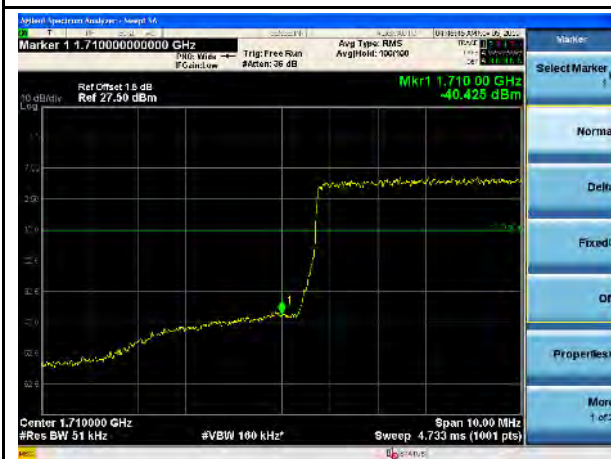
LTE Band 4, QPSK, 3MHz-High CH, 100% RB



LTE Band 4, QPSK, 5MHz-Low CH, 1RB



LTE Band 4, QPSK, 5MHz-High CH, 1RB



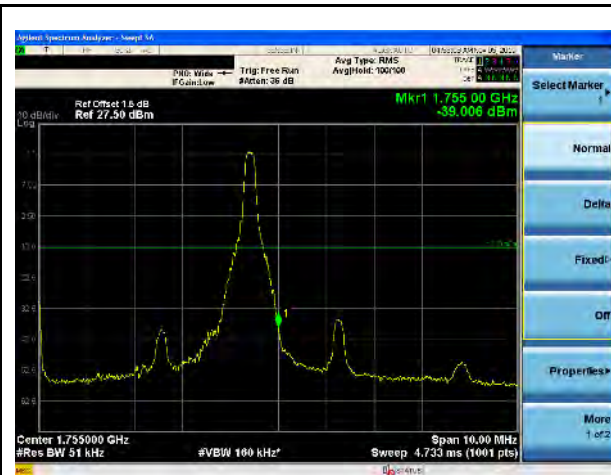
LTE Band 4, QPSK, 5MHz-Low CH, 100% RB



LTE Band 4, QPSK, 5MHz-High CH, 100% RB



LTE Band 4, QPSK, 10MHz-Low CH, 1RB



LTE Band 4, QPSK, 10MHz-High CH, 1RB



LTE Band 4, QPSK, 10MHz-Low CH, 100% RB



LTE Band 4, QPSK, 10MHz-High CH, 100% RB



LTE Band 4, QPSK, 15MHz-Low CH, 1RB



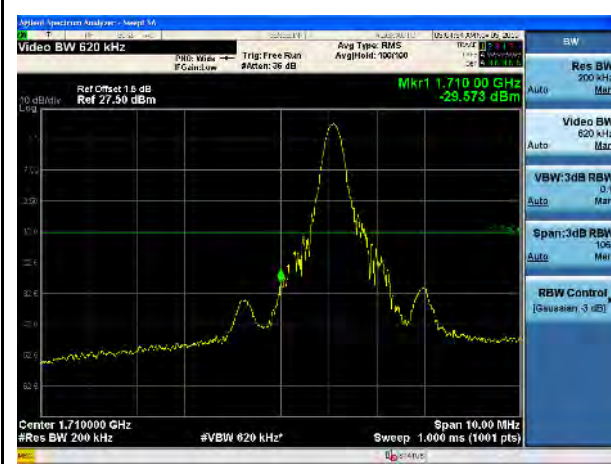
LTE Band 4, QPSK, 15MHz-High CH, 1RB



LTE Band 4, QPSK, 15MHz-Low CH, 100% RB



LTE Band 4, QPSK, 15MHz-High CH, 100% RB



LTE Band 4, QPSK, 20MHz-Low CH, 1RB



LTE Band 4, QPSK, 20MHz-High CH, 1RB



LTE Band 4, QPSK, 20MHz-Low CH, 100% RB



LTE Band 4, QPSK, 20MHz-High CH, 100% RB