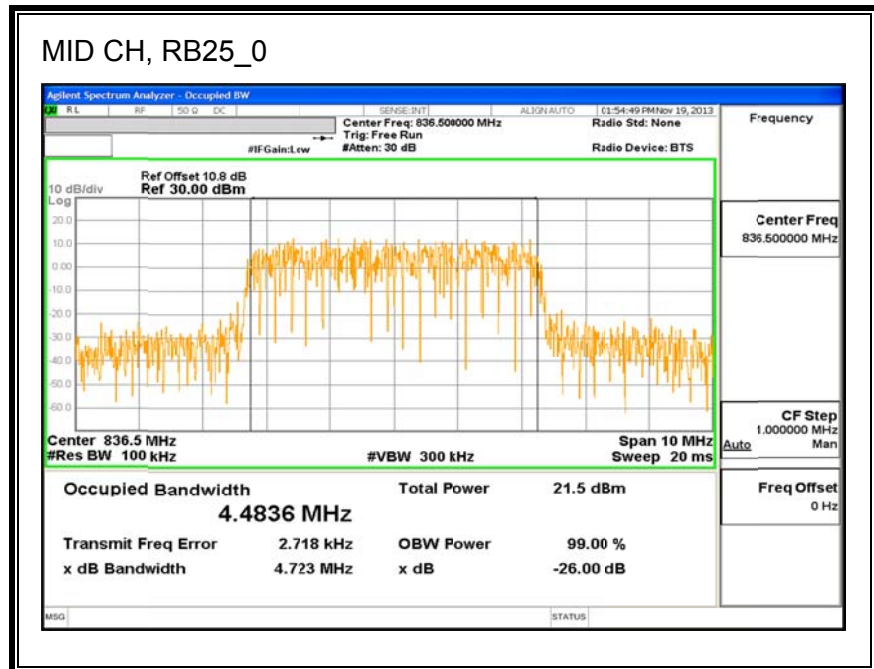
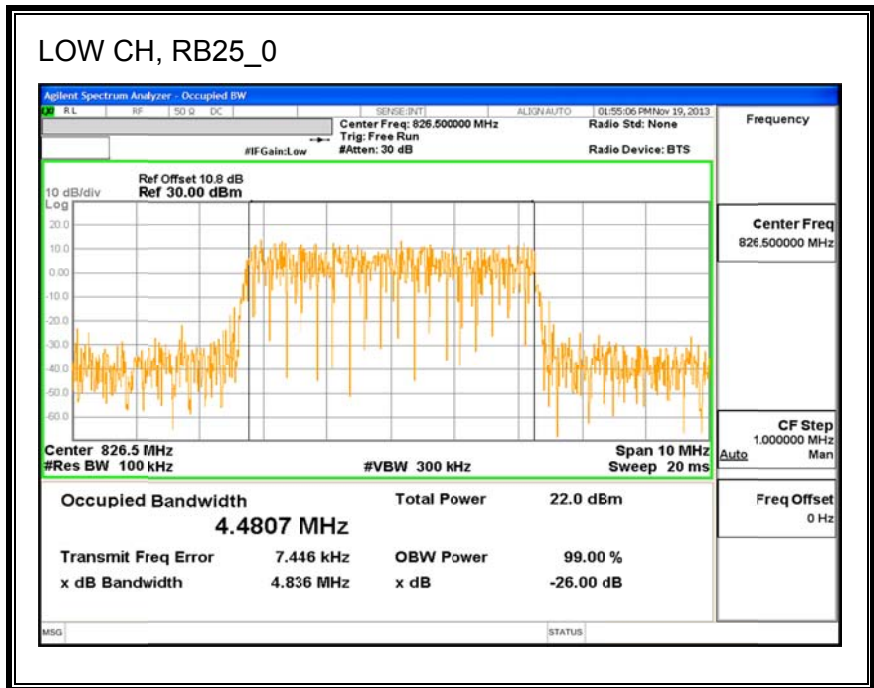
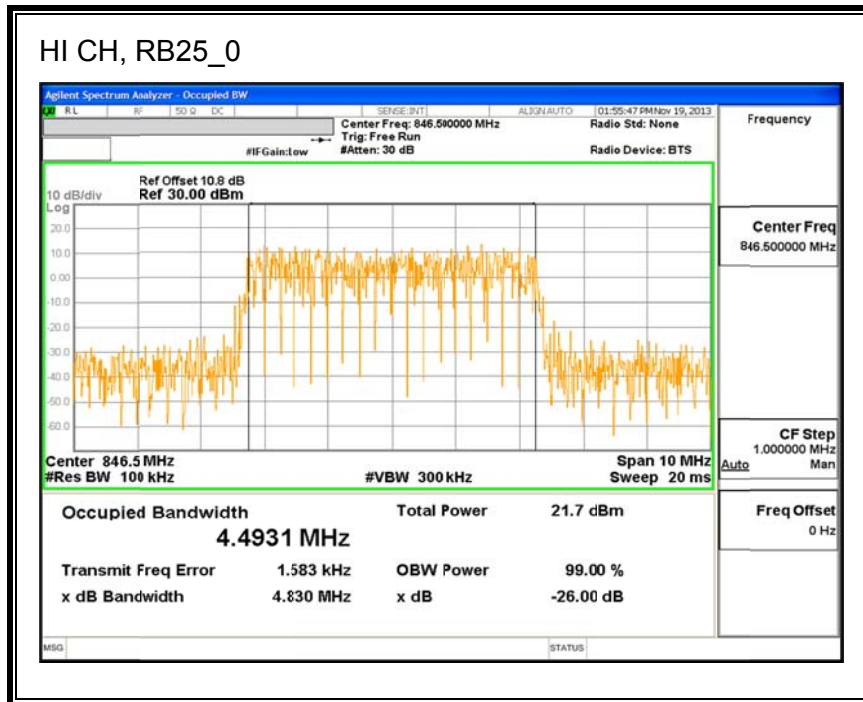


**Band 5 (5MHz BANDWIDTH)**

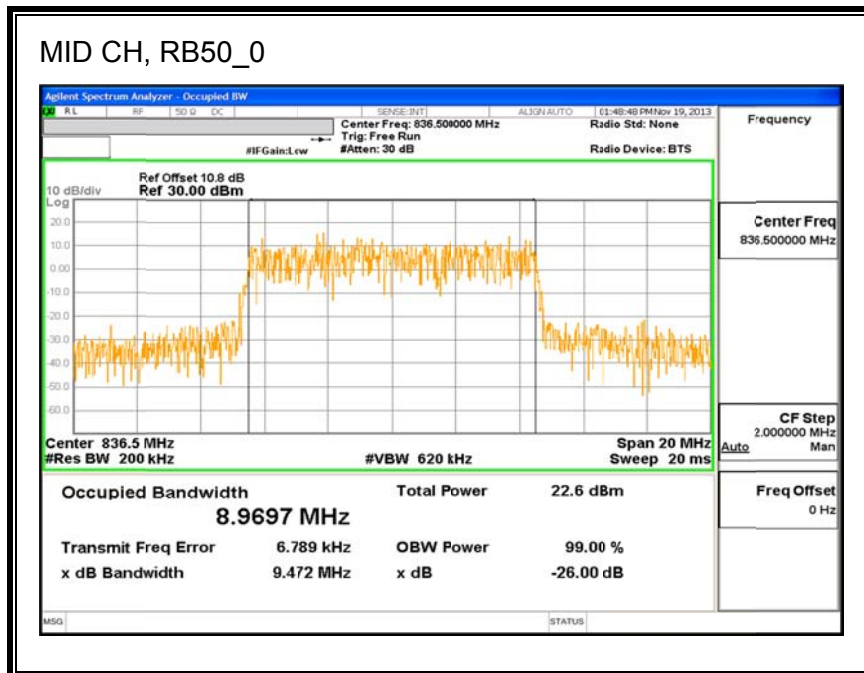
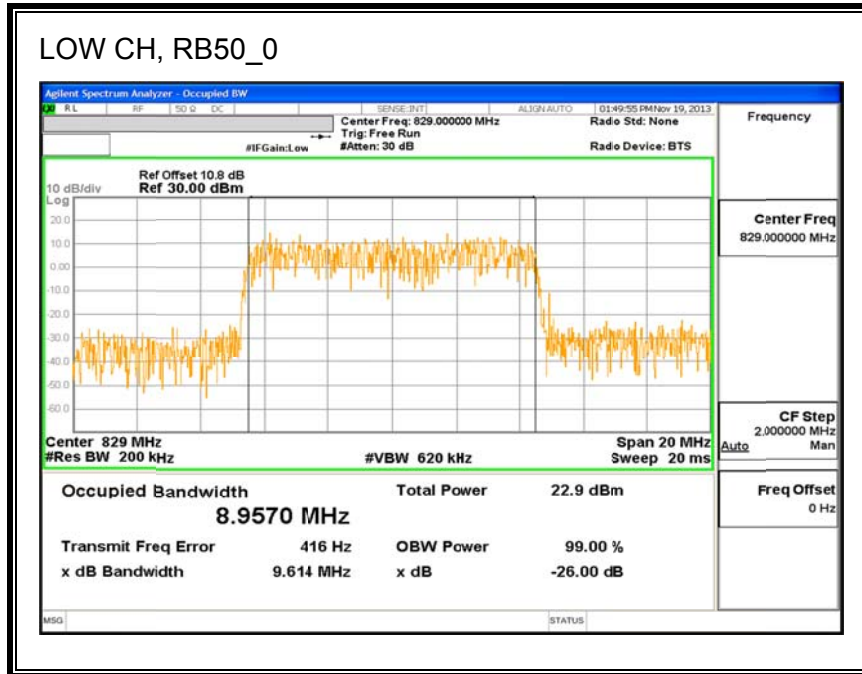
**LTE 16QAM**

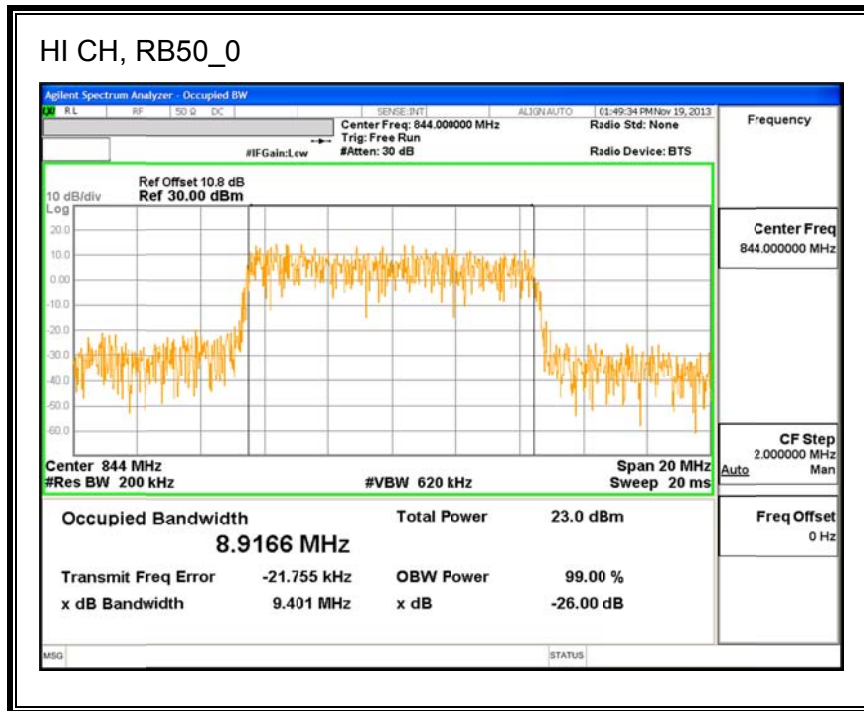




**Band 5 (10MHz BANDWIDTH)**

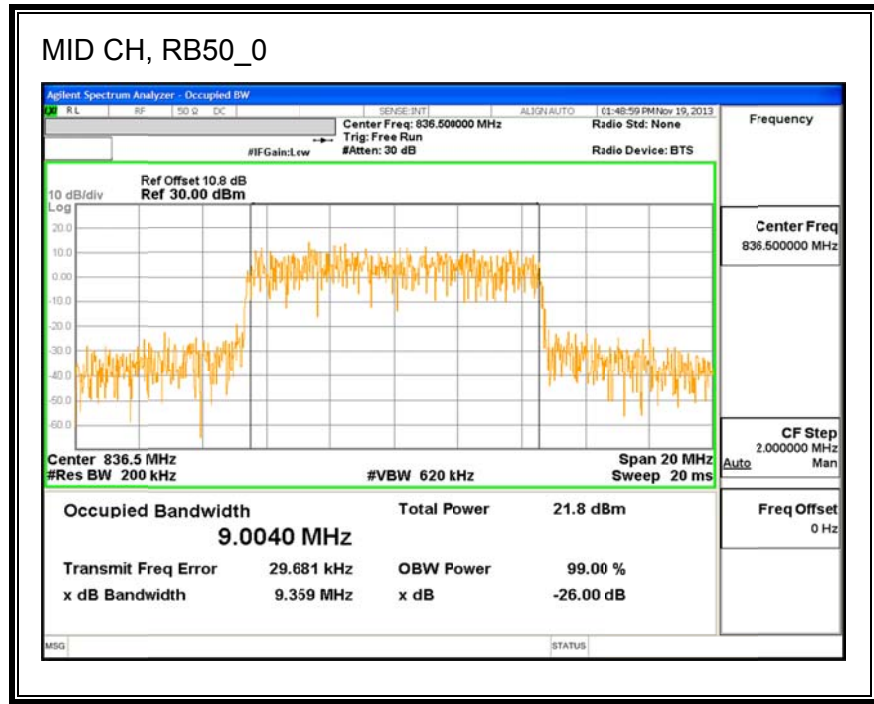
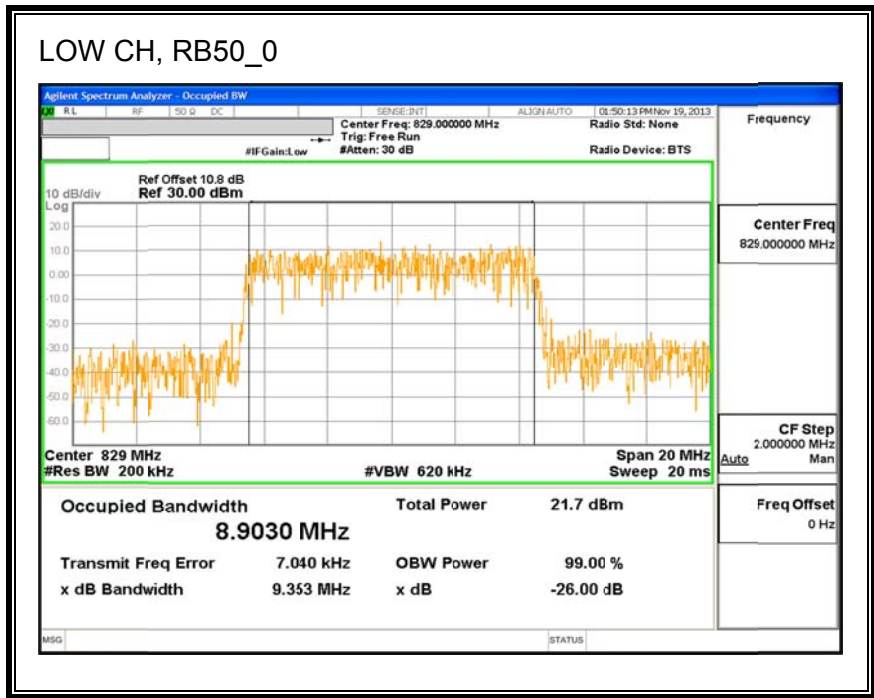
**LTE QPSK**

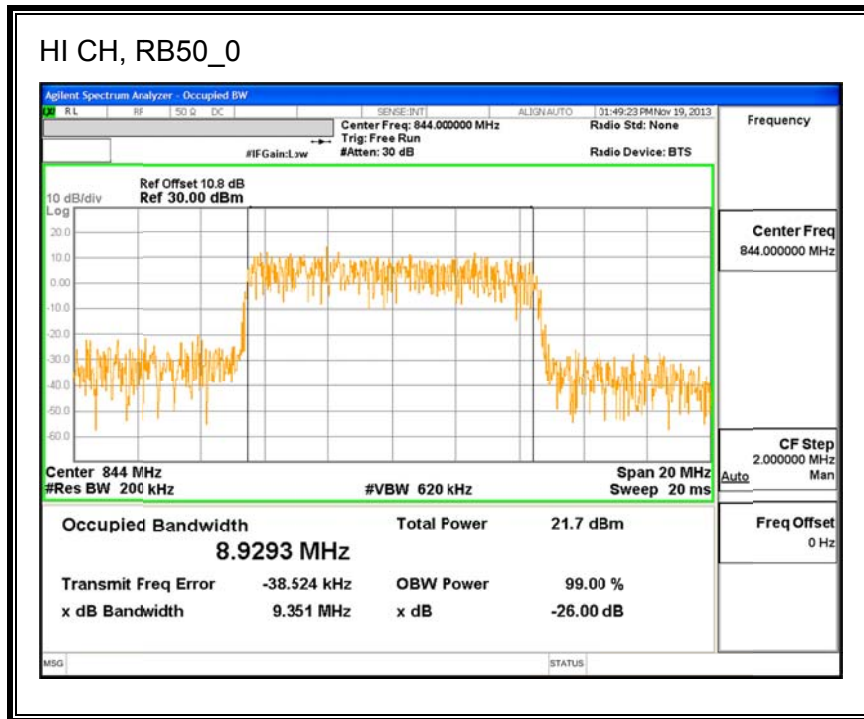




**Band 5 (10MHz BANDWIDTH)**

**LTE 16QAM**





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## 8.2. BANDEDGE

### RULE PART(S)

FCC: §2.1051, §22.901, §22.917 and §24.238.

### LIMITS

FCC: §22.359 and §24.238

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $43 + 10 \log (P)$  dB.

### TEST PROCEDURE

The transmitter output was connected to a CMW500 Test Set and configured to operate at maximum power. The bandedge emissions were measured at the required operating frequencies in each band on the Spectrum Analyzer.

For each bandedge measurement:

Set the spectrum analyzer span to include the block edge frequency (824, 849, 1850 and 1910MHz)

Set a marker to point the corresponding bandedge frequency in each test case.

Set display line at -13 dBm

Set resolution bandwidth to at least 1% of emission bandwidth.

### MODES TESTED

- LTE Band 2
- LTE Band 5

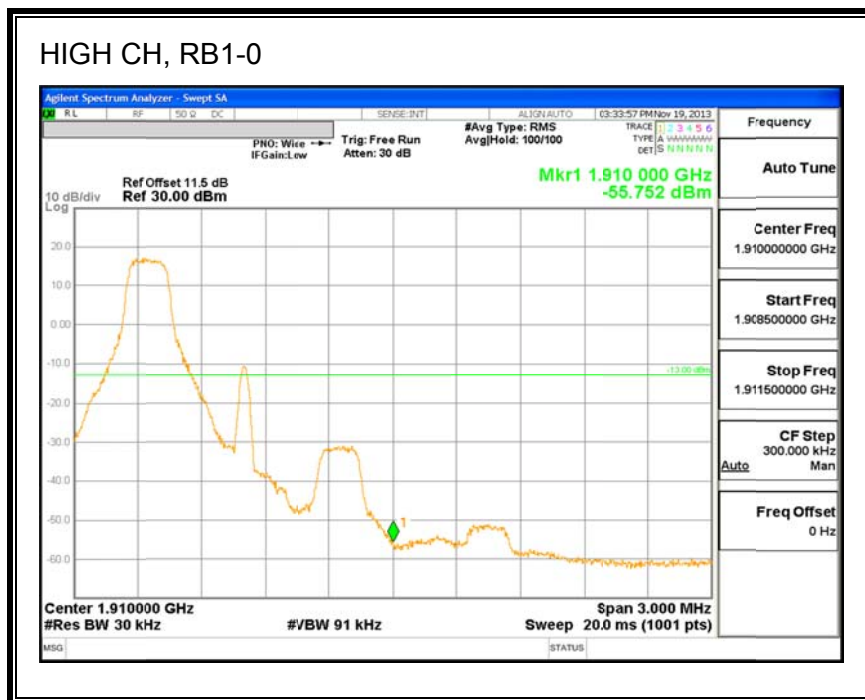
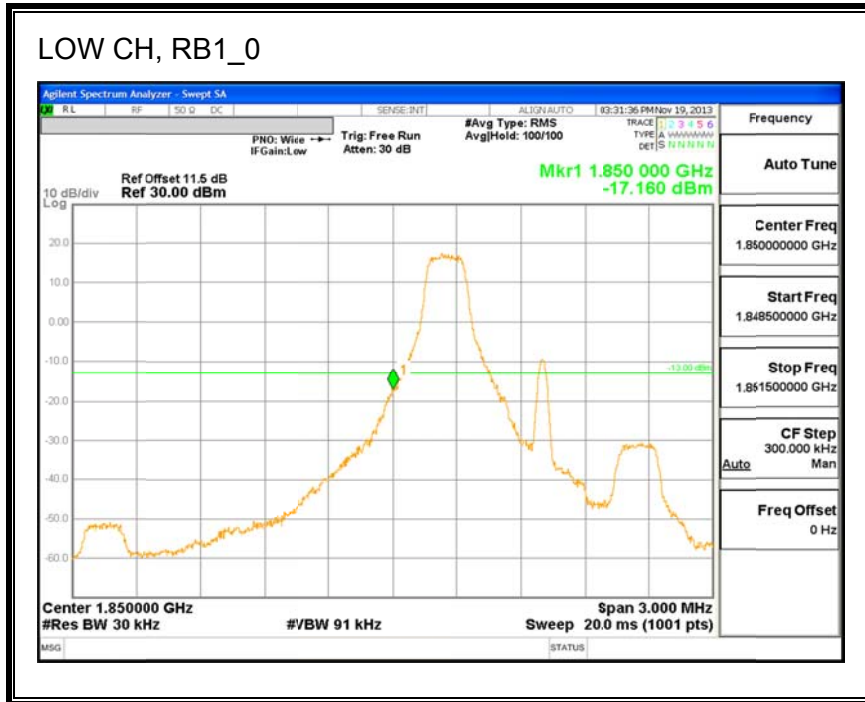
### RESULTS

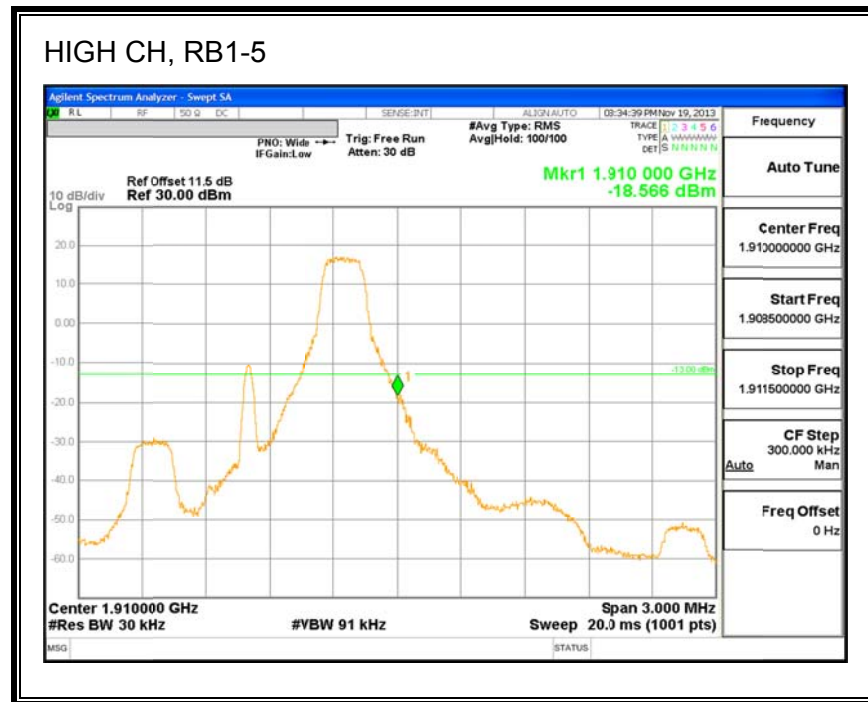
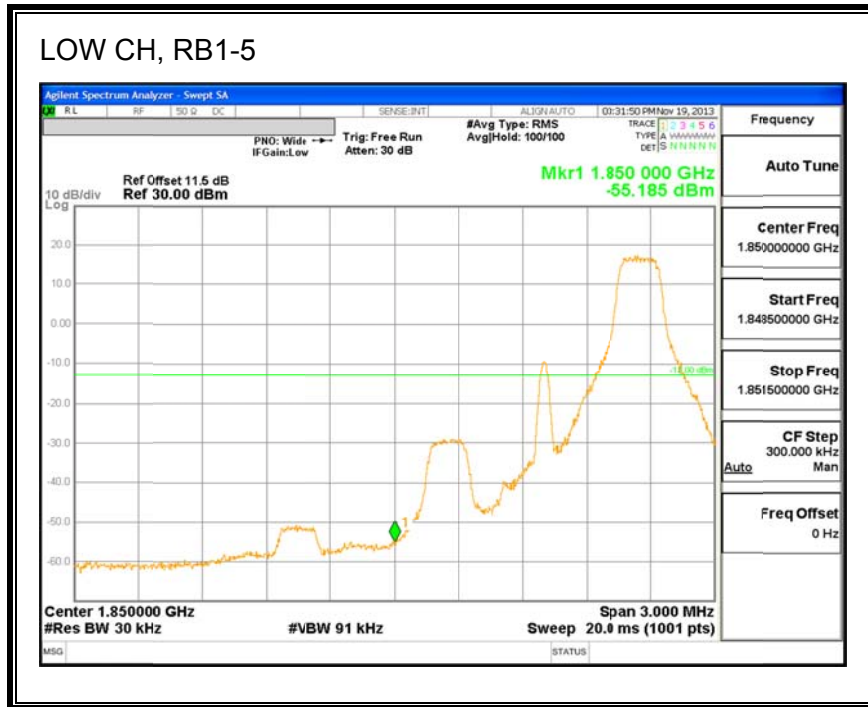


### 8.2.1. LTE BAND 2

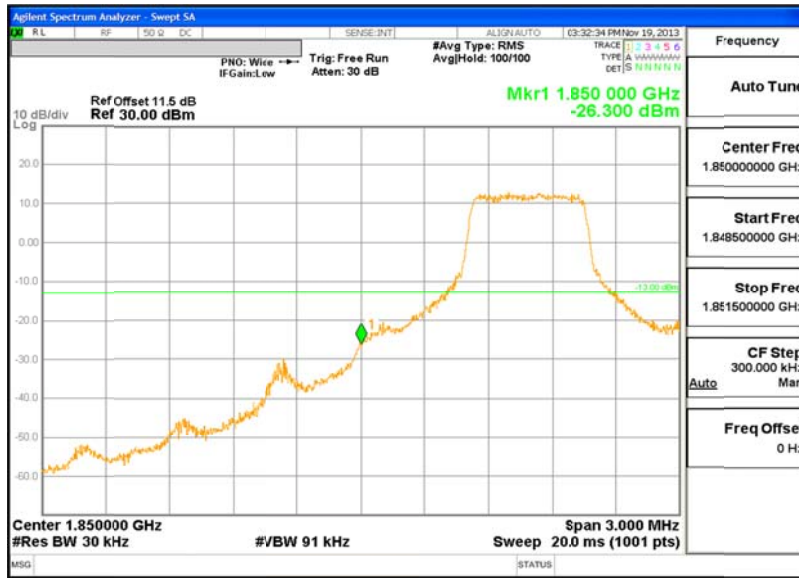
#### Band 2 (1.4 MHz BANDWIDTH)

#### LTE QPSK

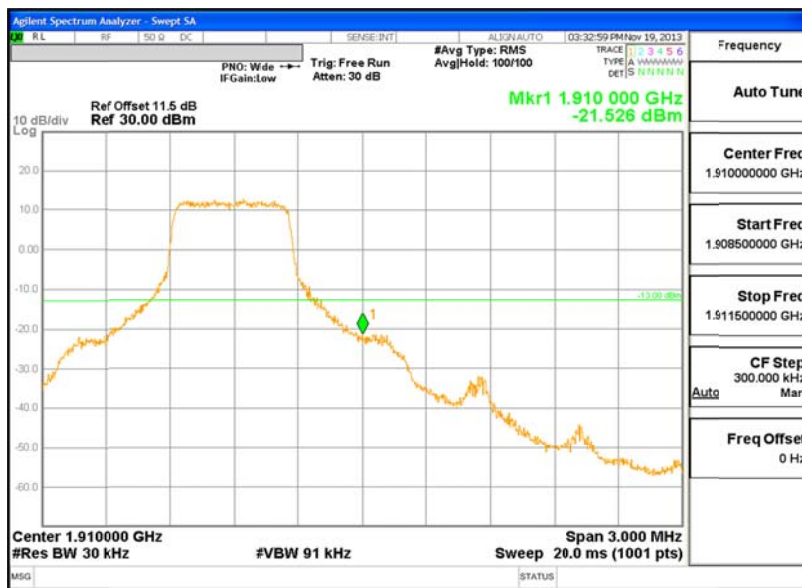




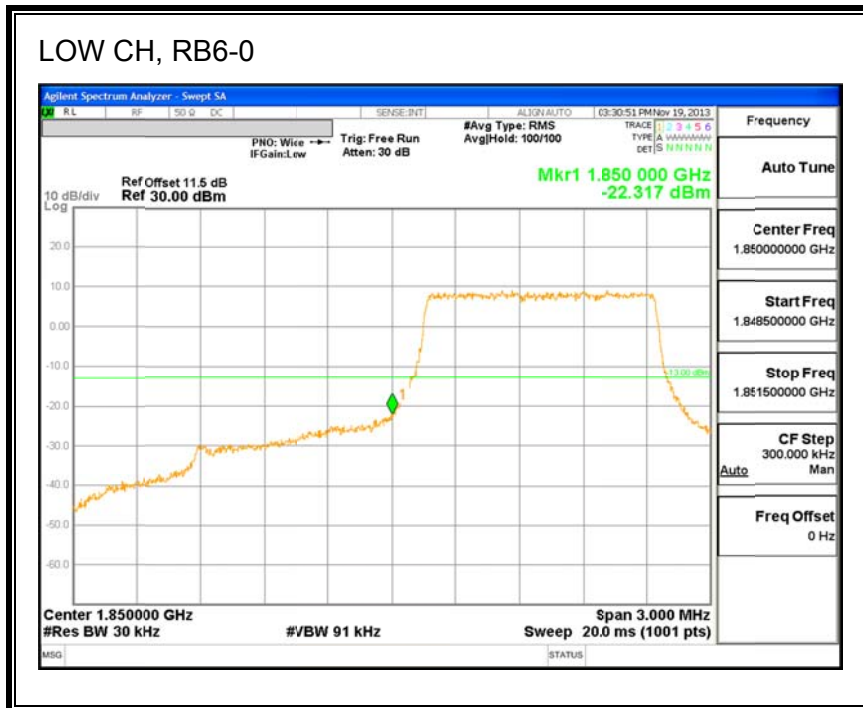
LOW CH, RB3-2



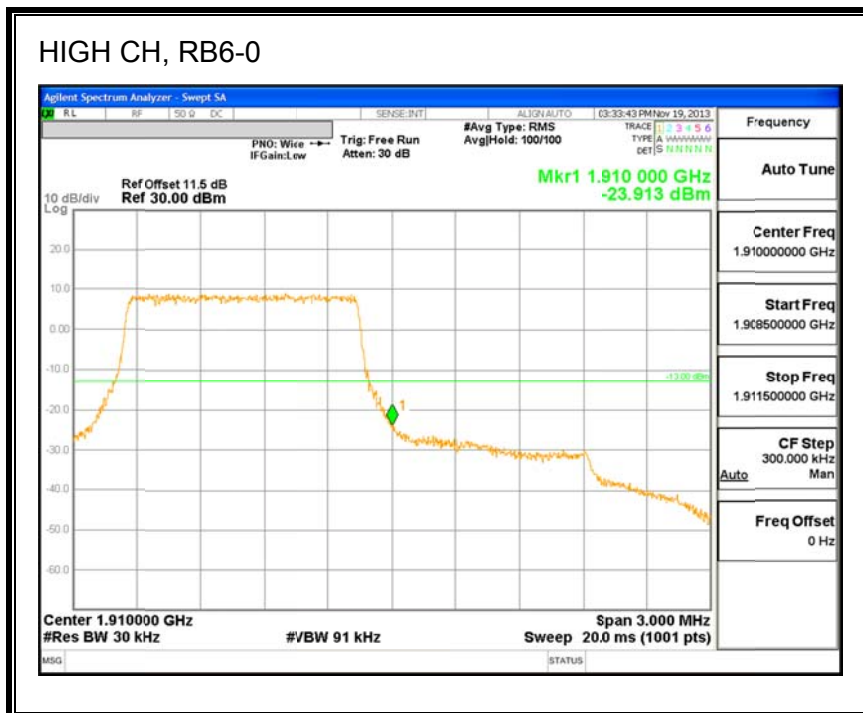
HIGH CH, RB3-2



LOW CH, RB6-0

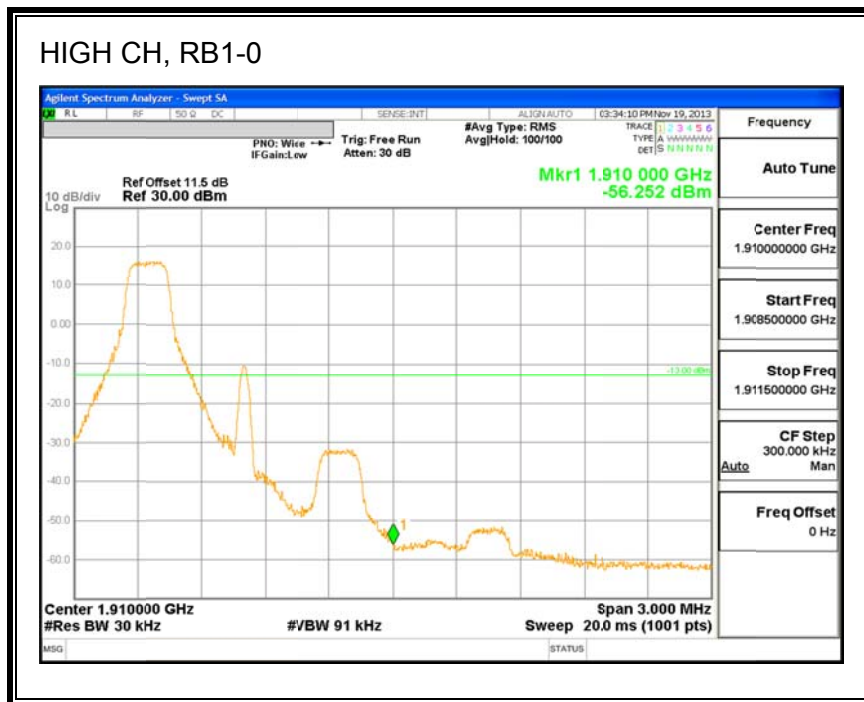
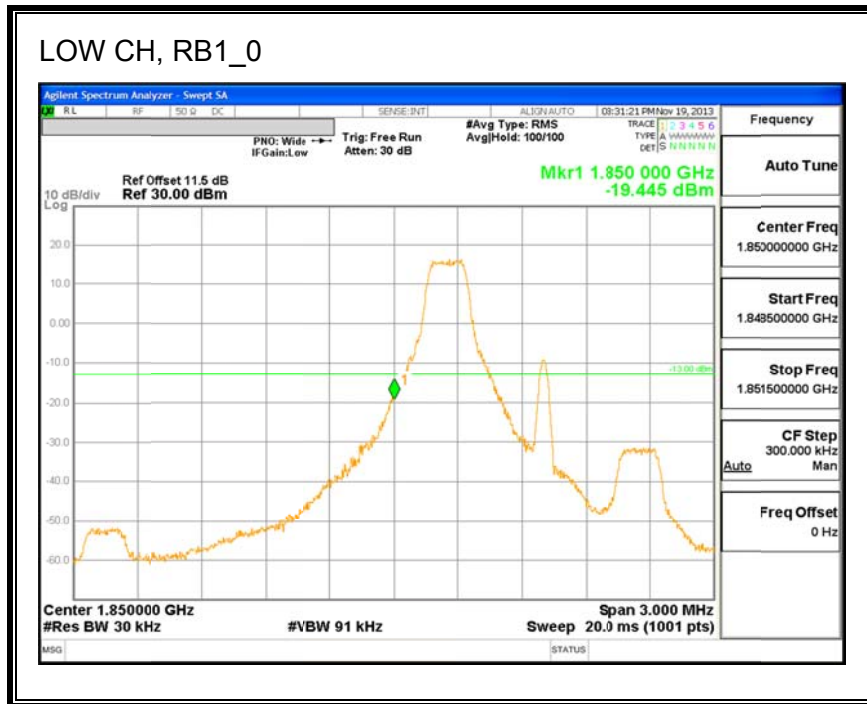


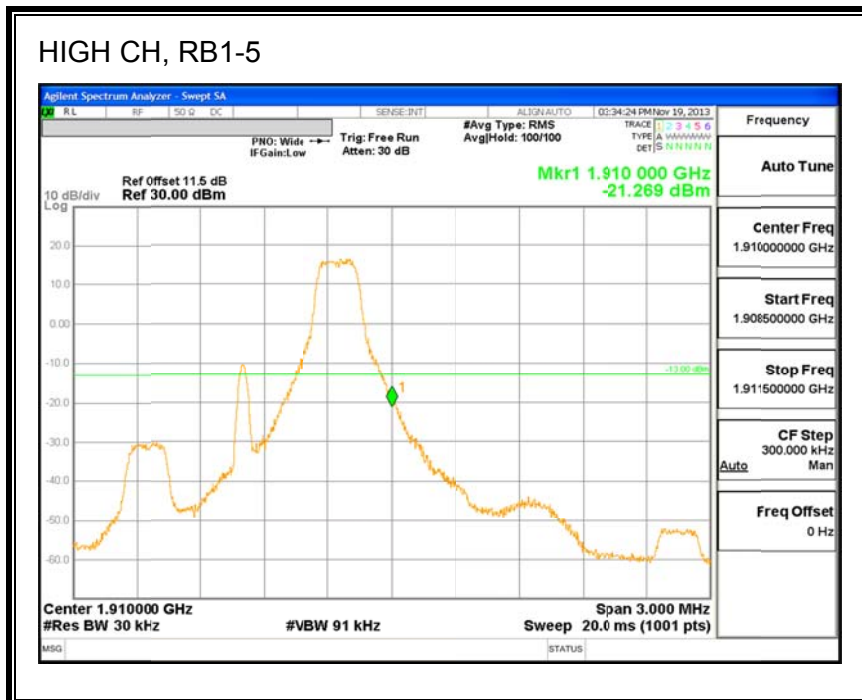
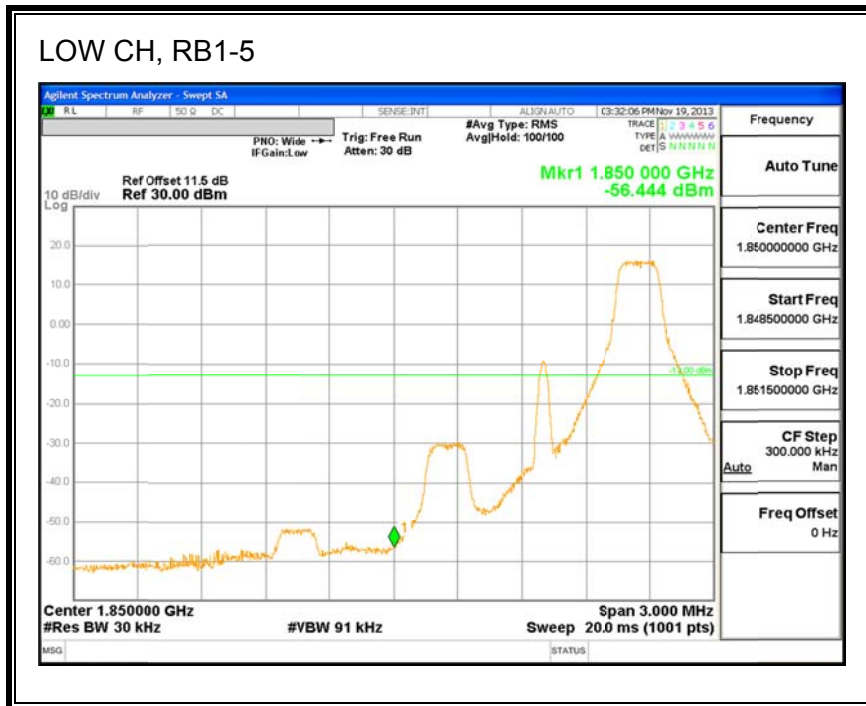
HIGH CH, RB6-0

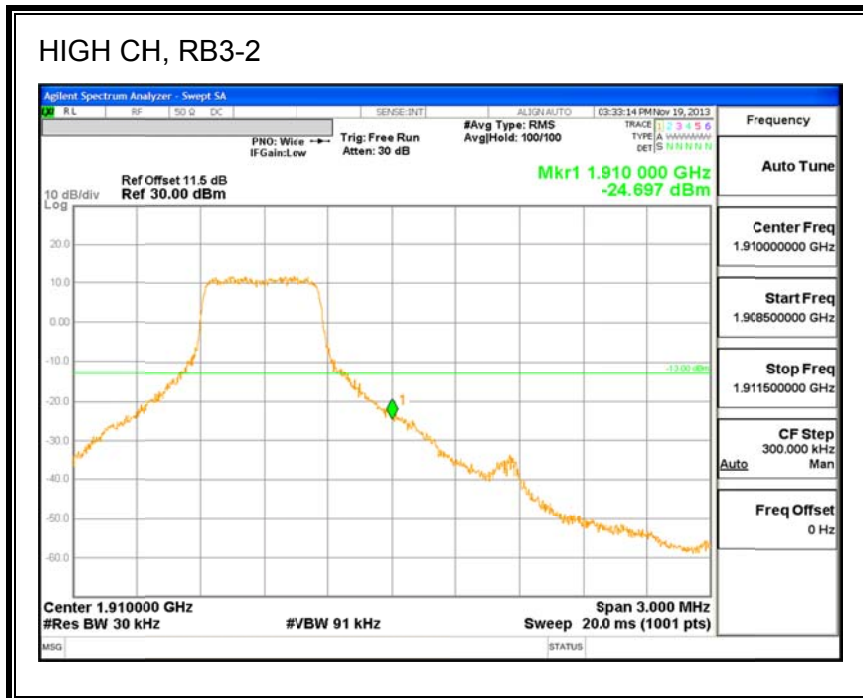
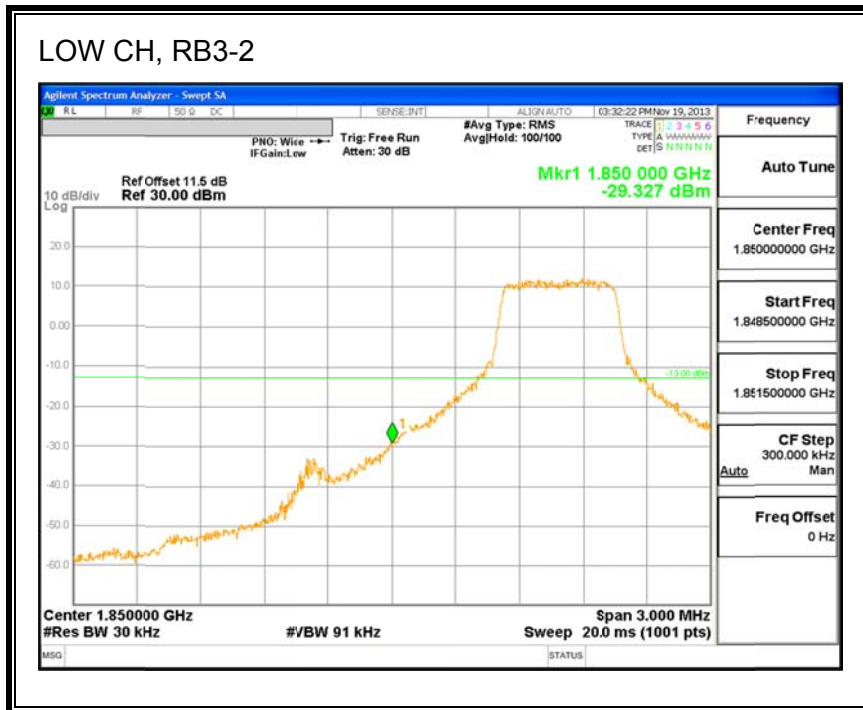


**Band 2 (1.4 MHz BANDWIDTH)**

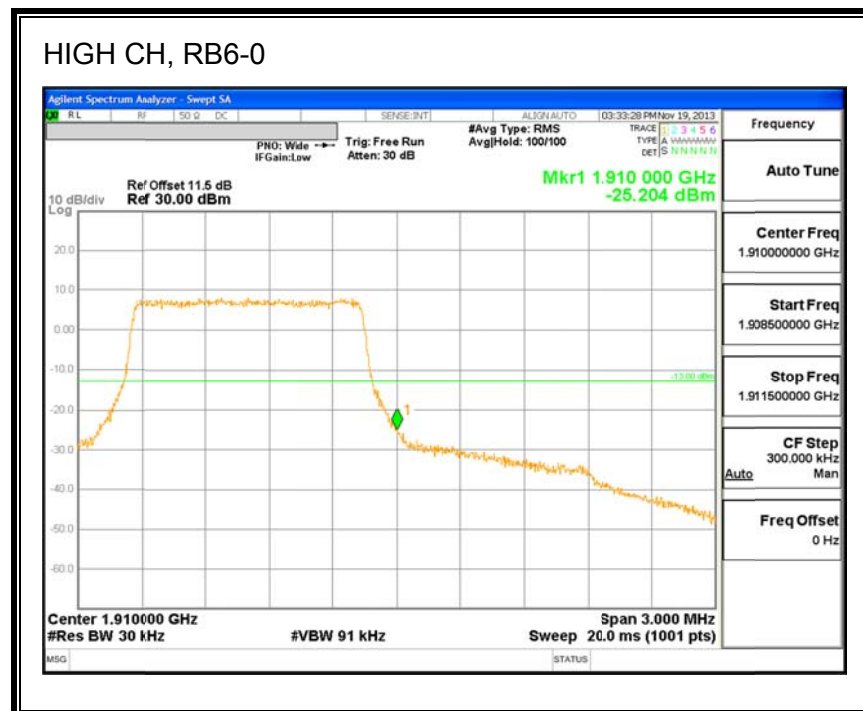
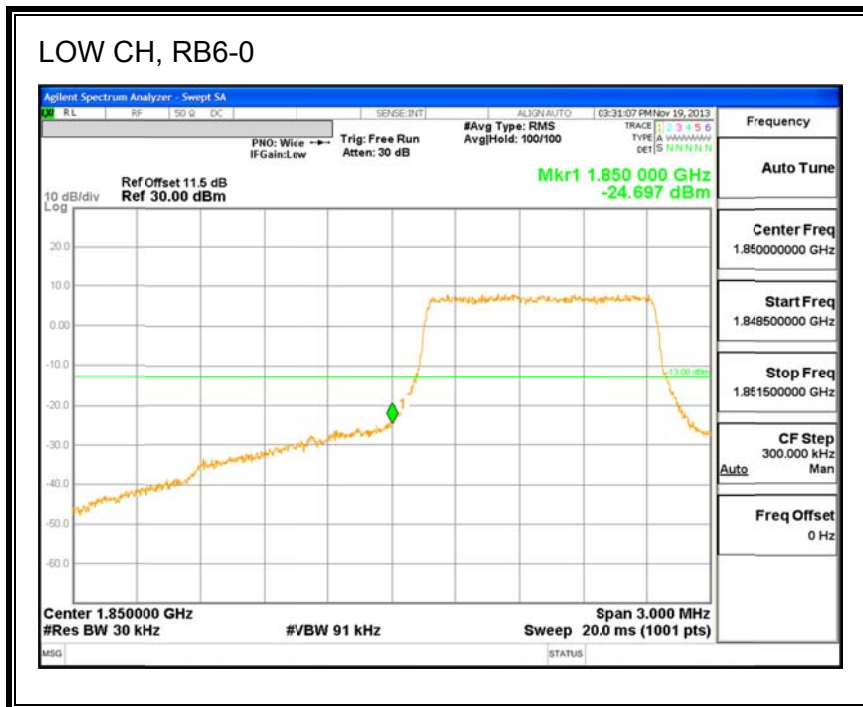
**LTE 16QAM**







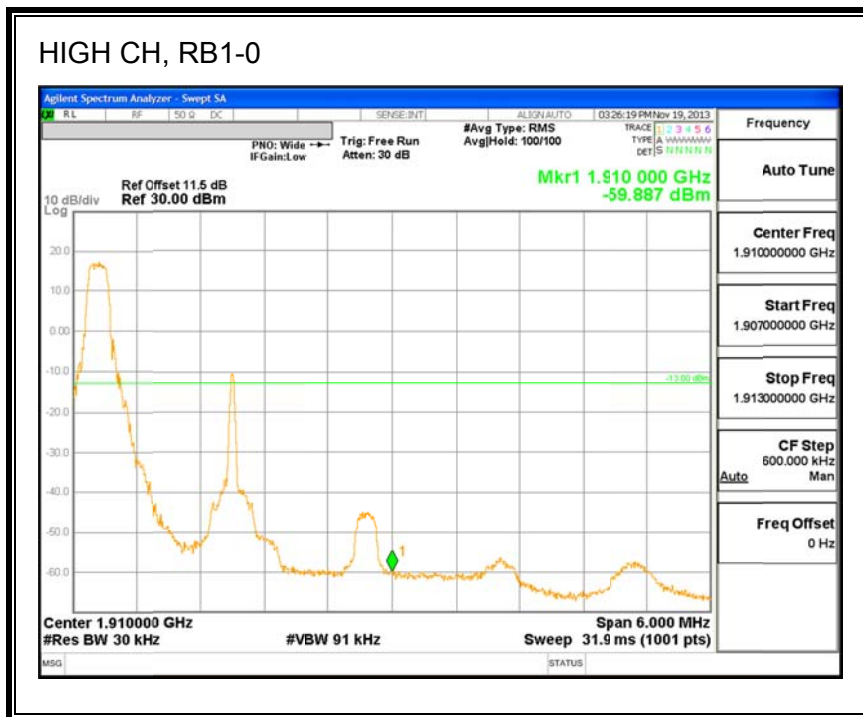
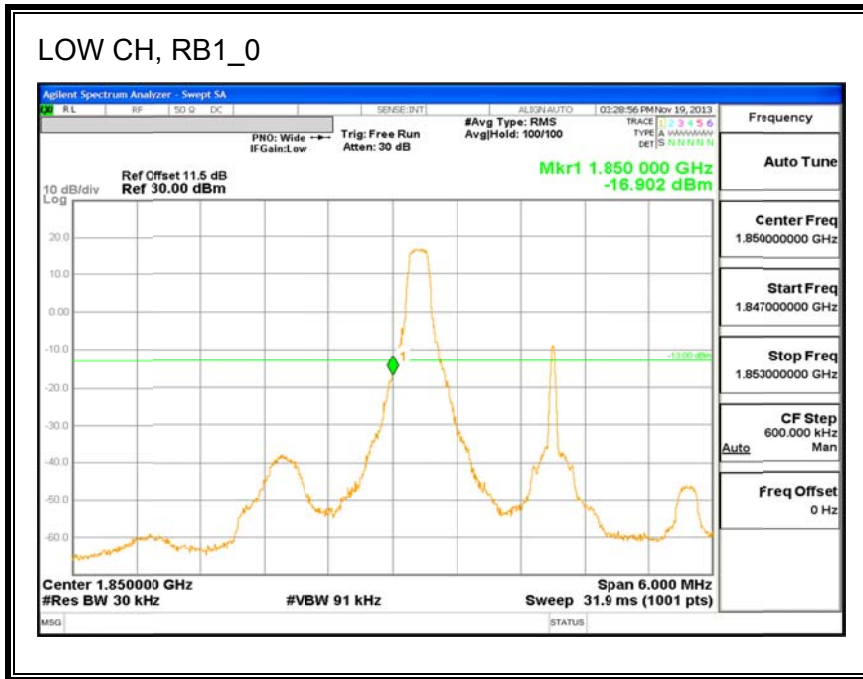


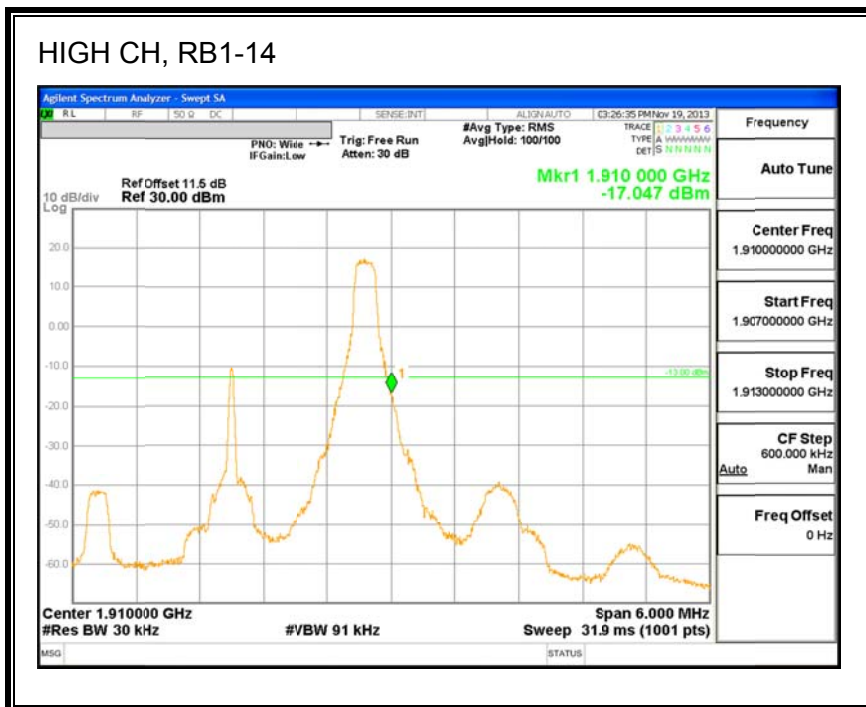
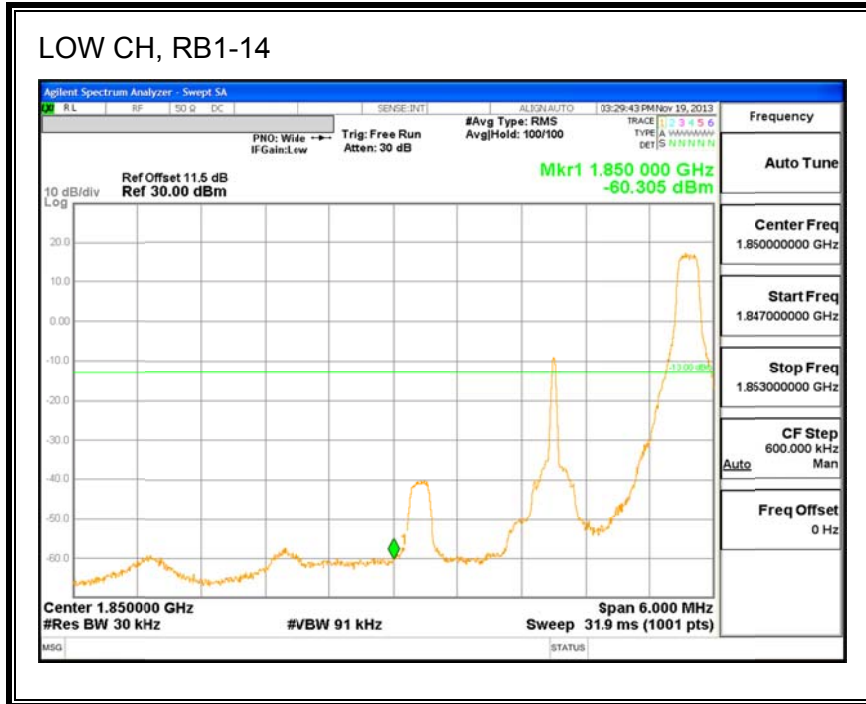


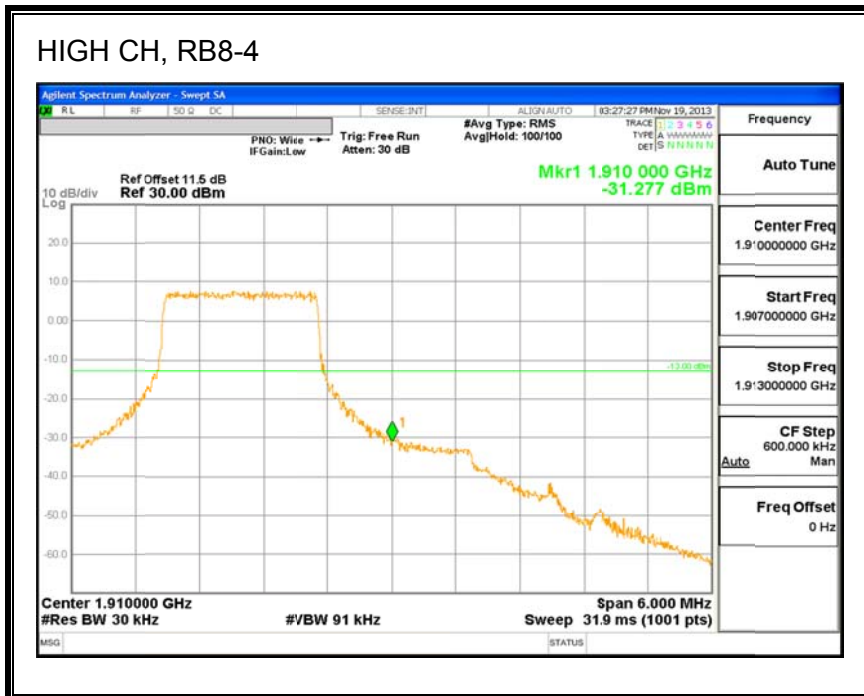
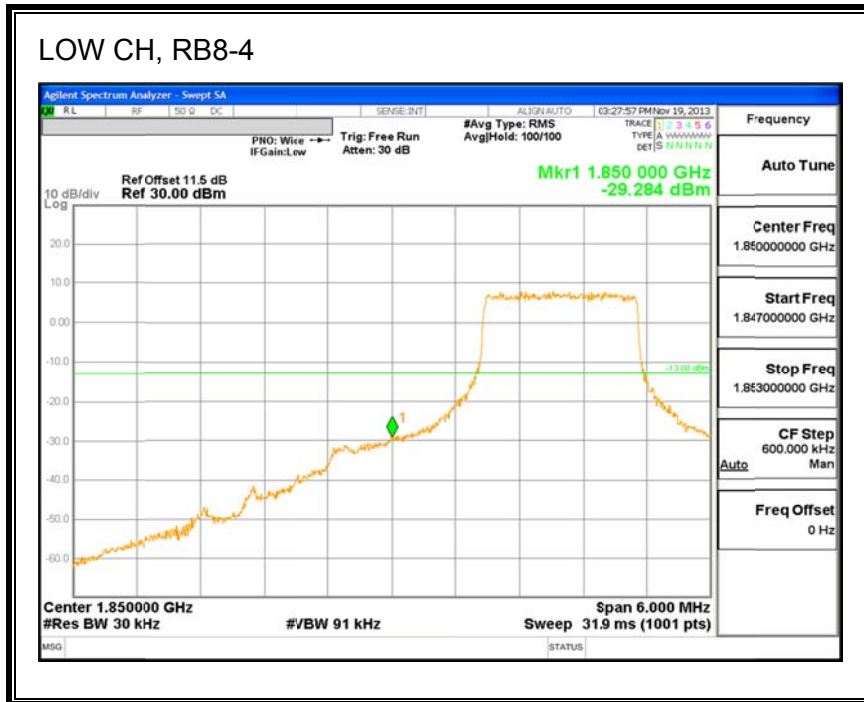


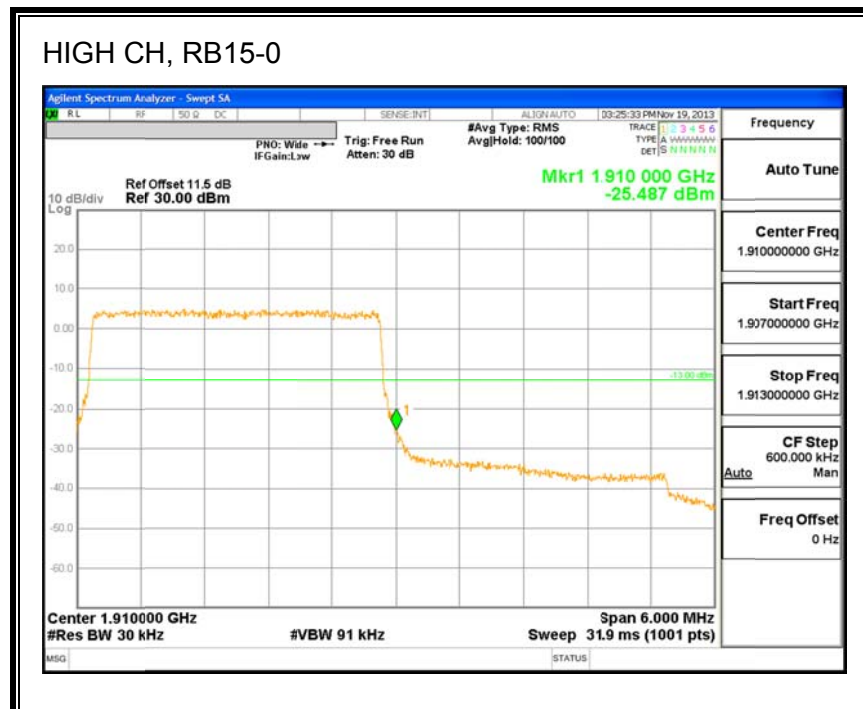
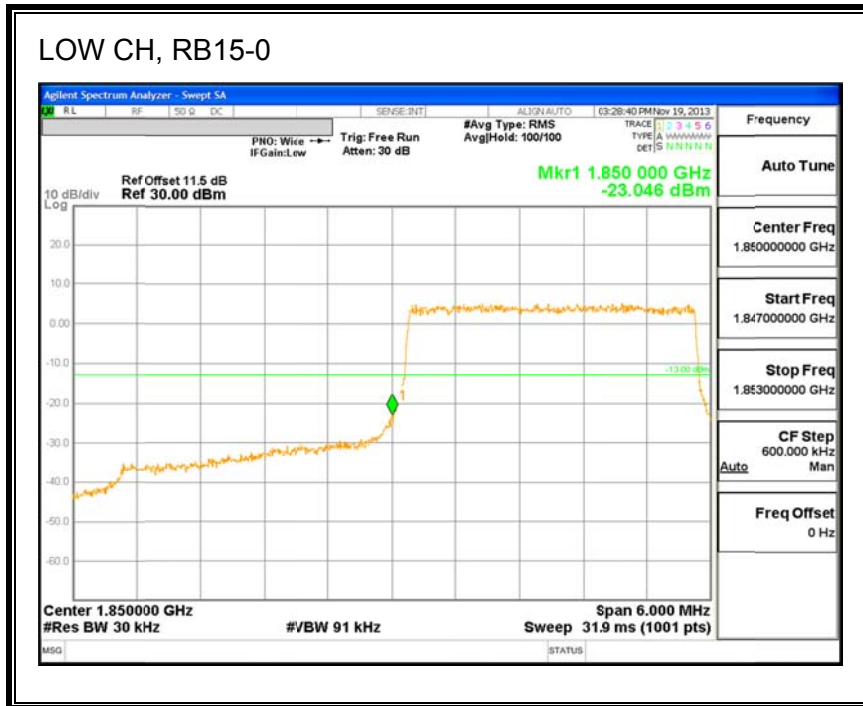
**Band 2 (3MHz BANDWIDTH)**

**LTE QPSK10MHz**



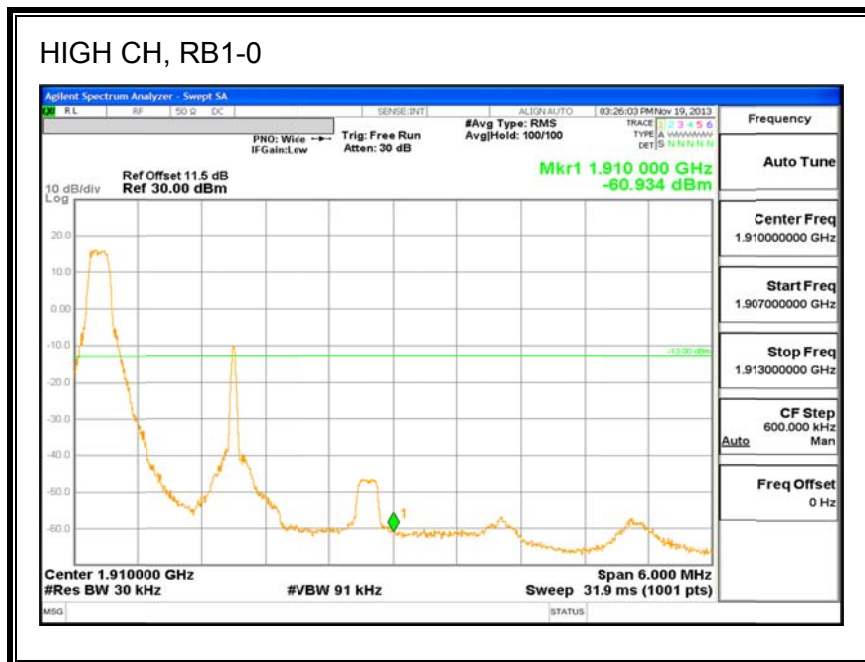
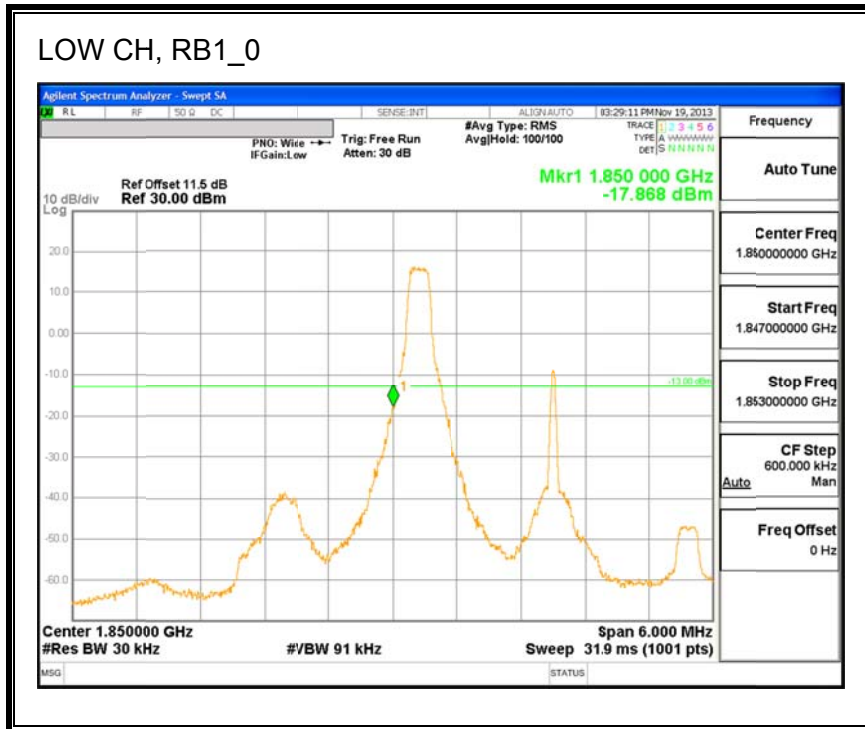


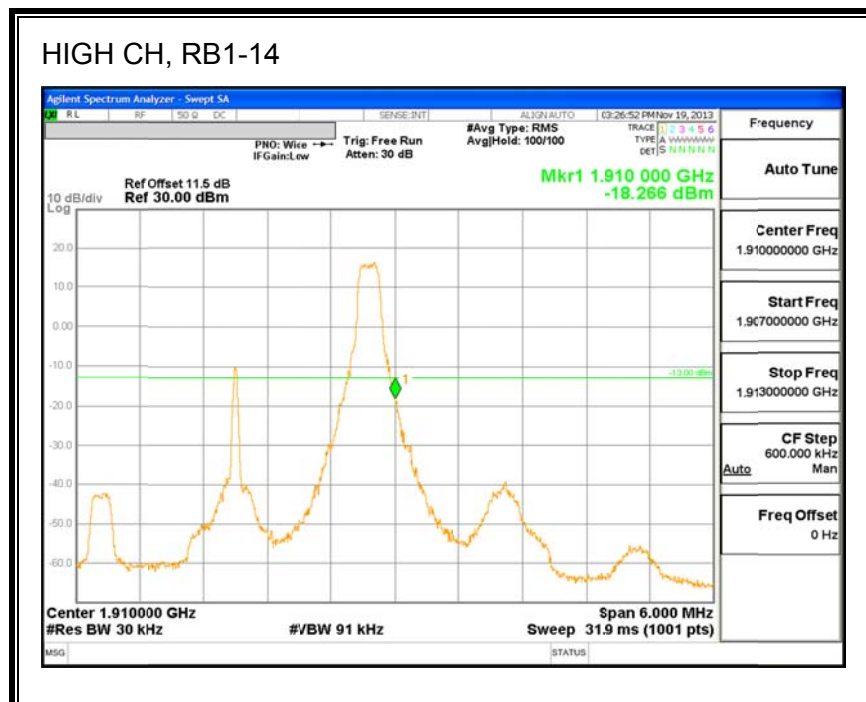
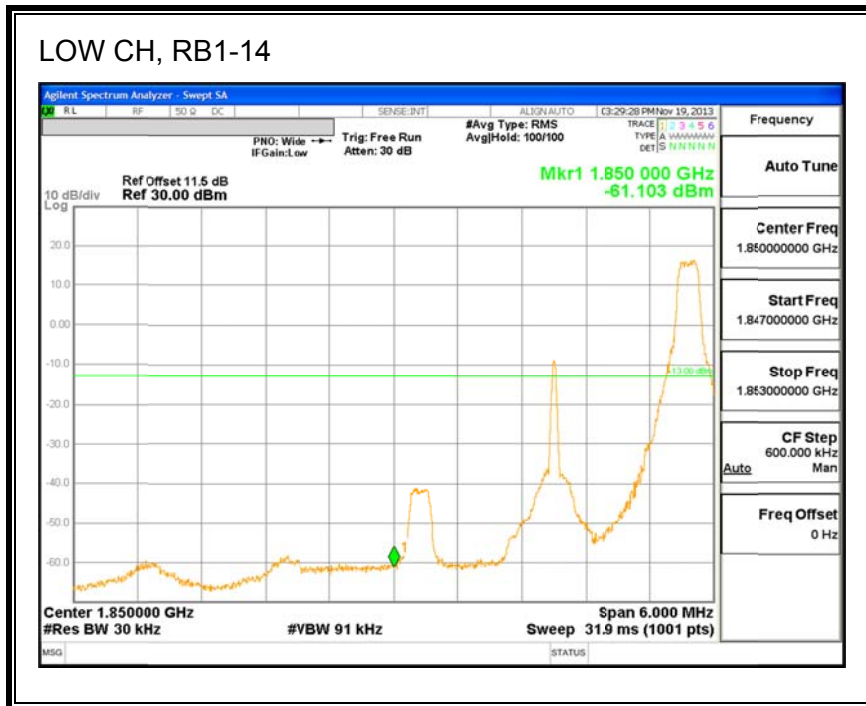


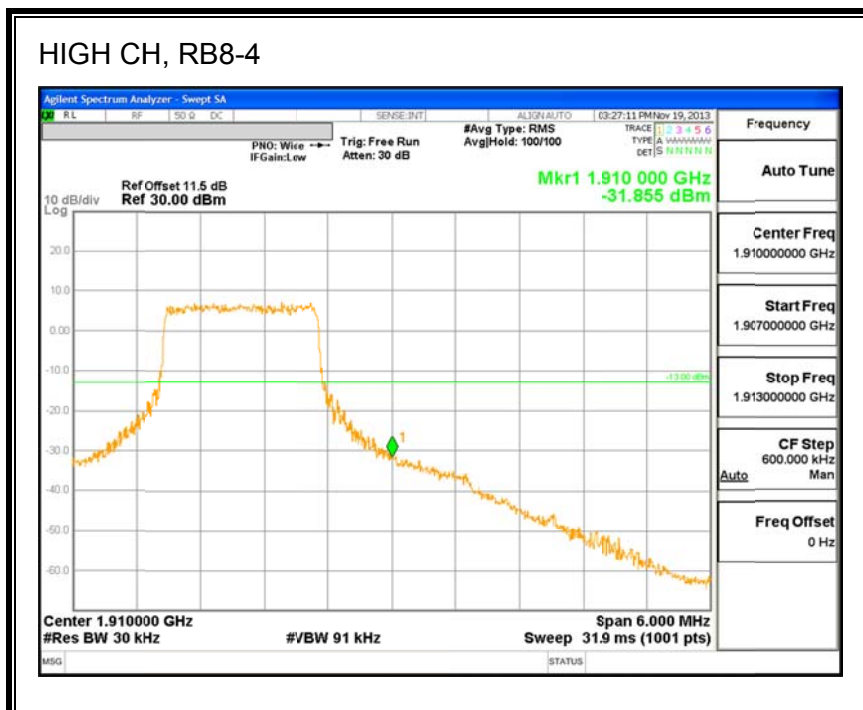
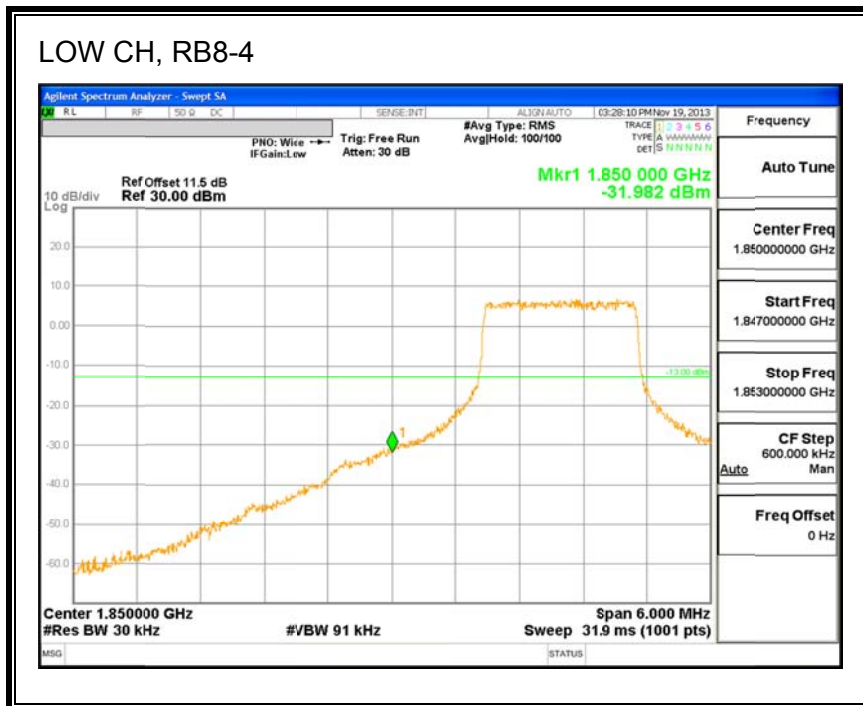


**Band 2 (3MHz BANDWIDTH)**

**LTE 16QAM**

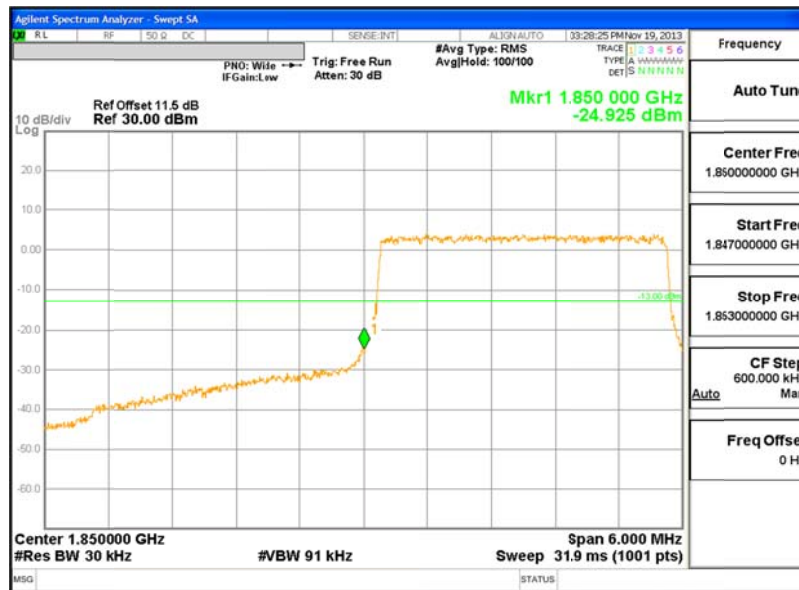








LOW CH, RB15-0



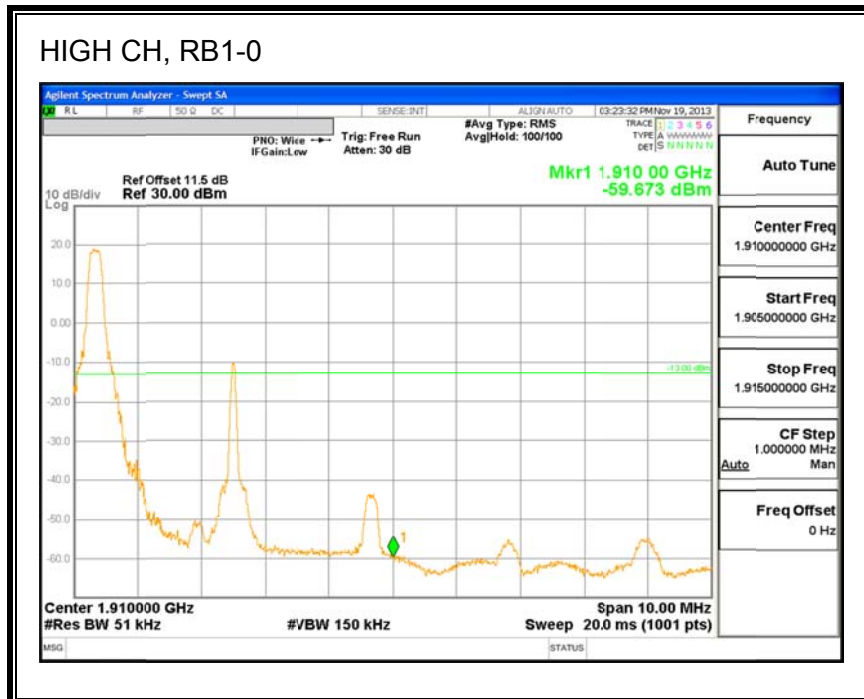
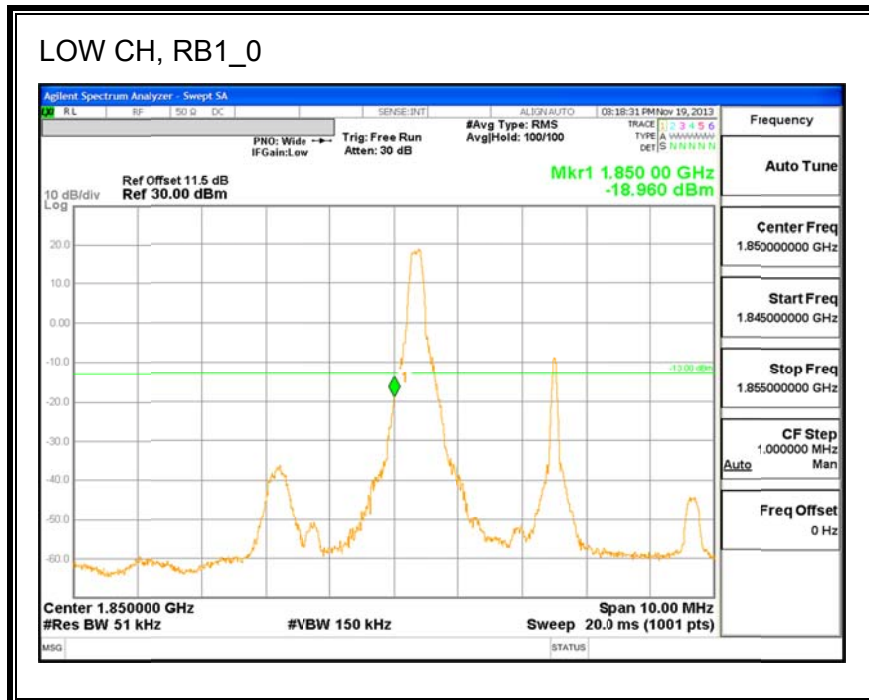
HIGH CH, RB15-0



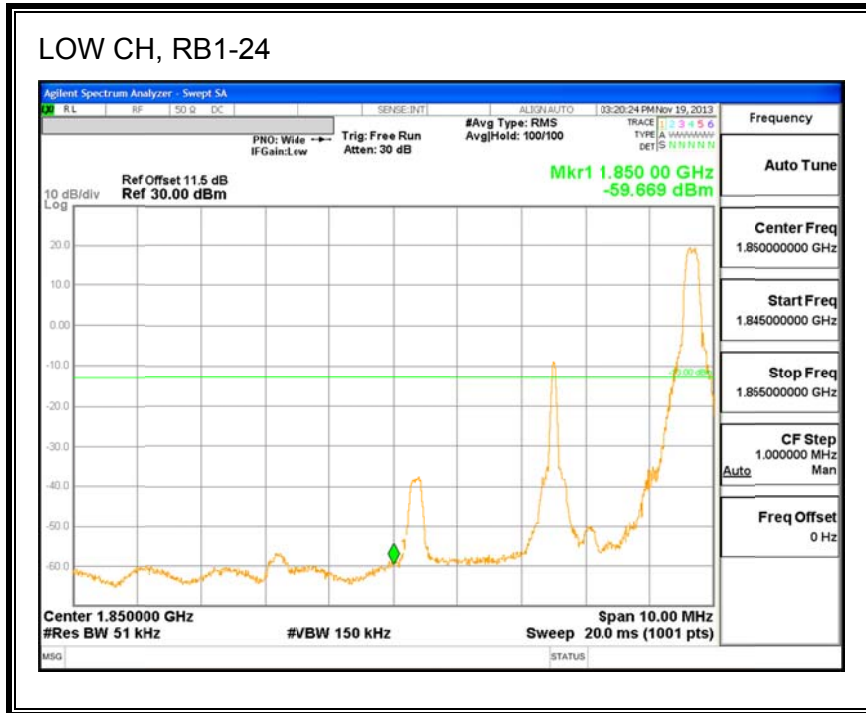


**Band 2 (5MHz BANDWIDTH)**

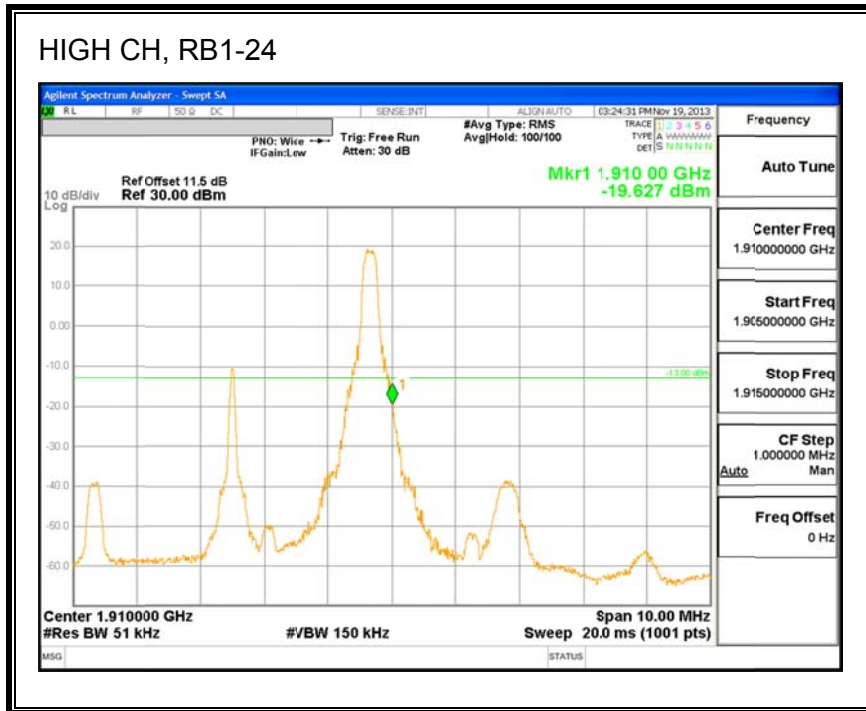
**LTE QPSK**

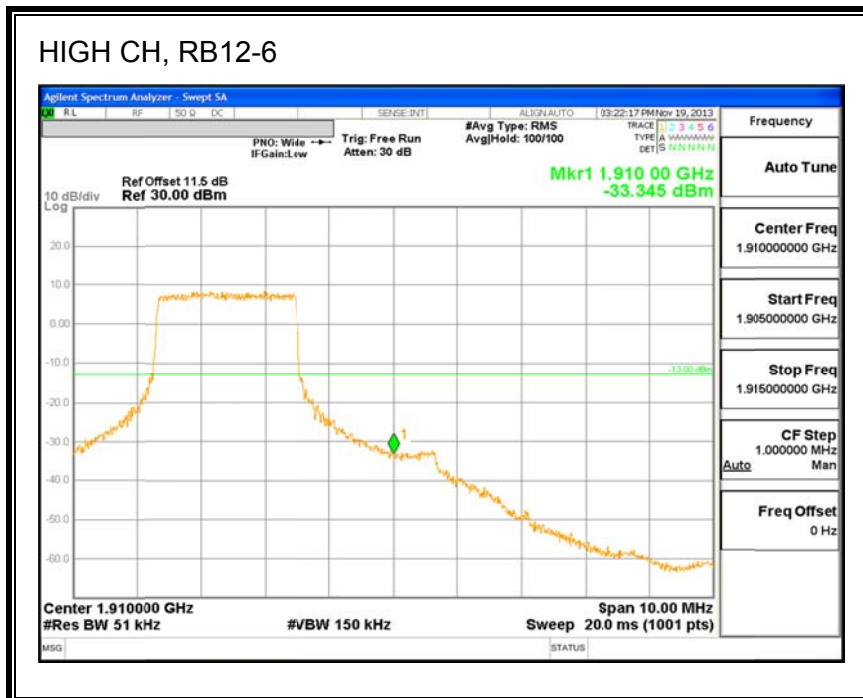
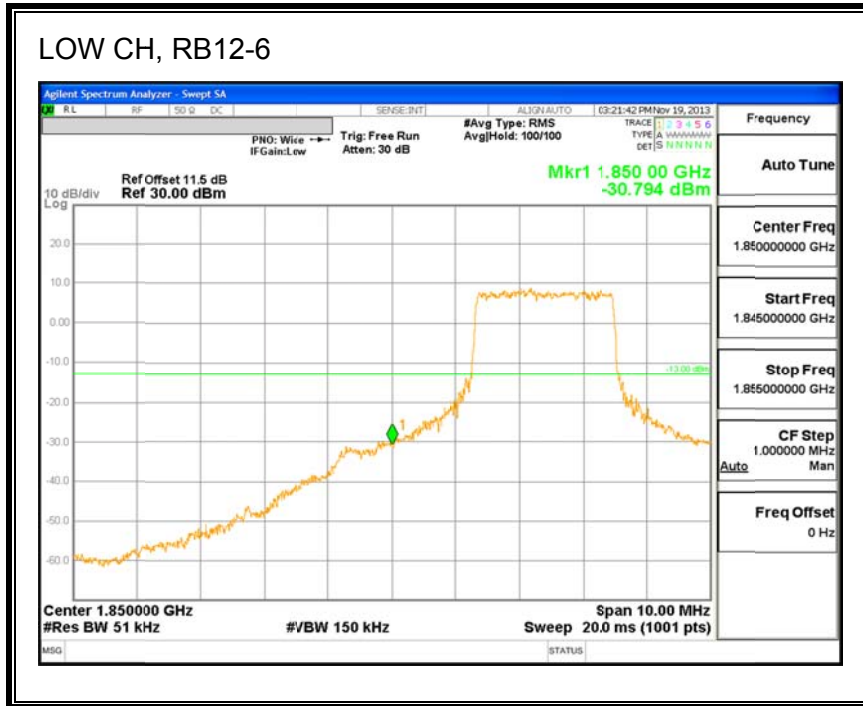


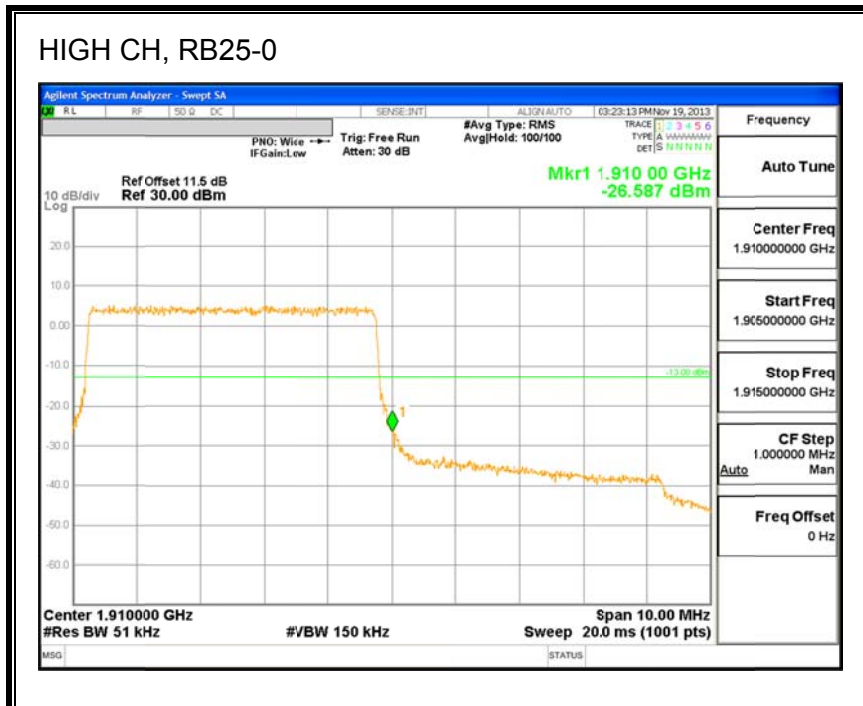
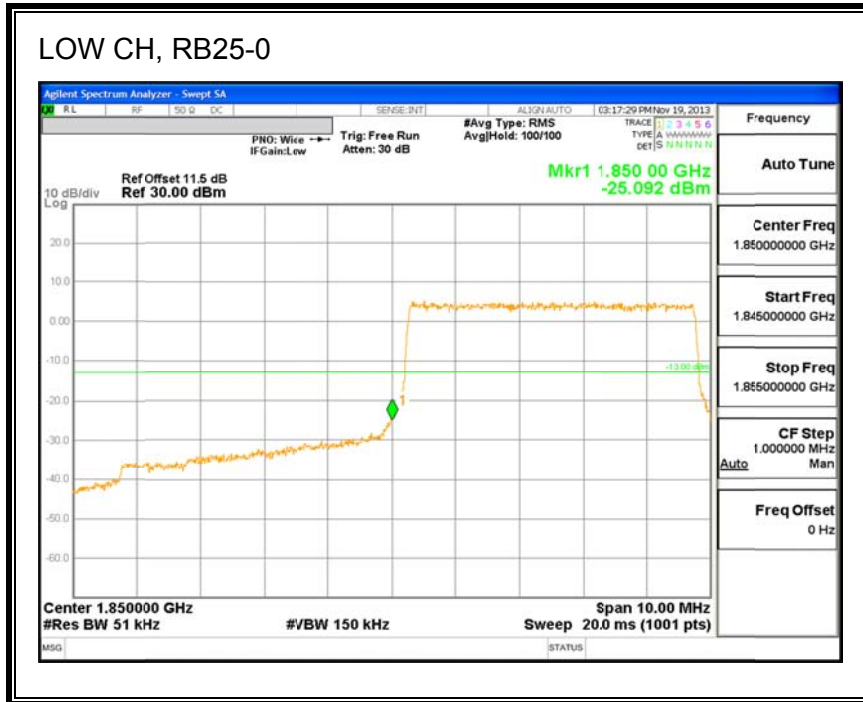
LOW CH, RB1-24



HIGH CH, RB1-24

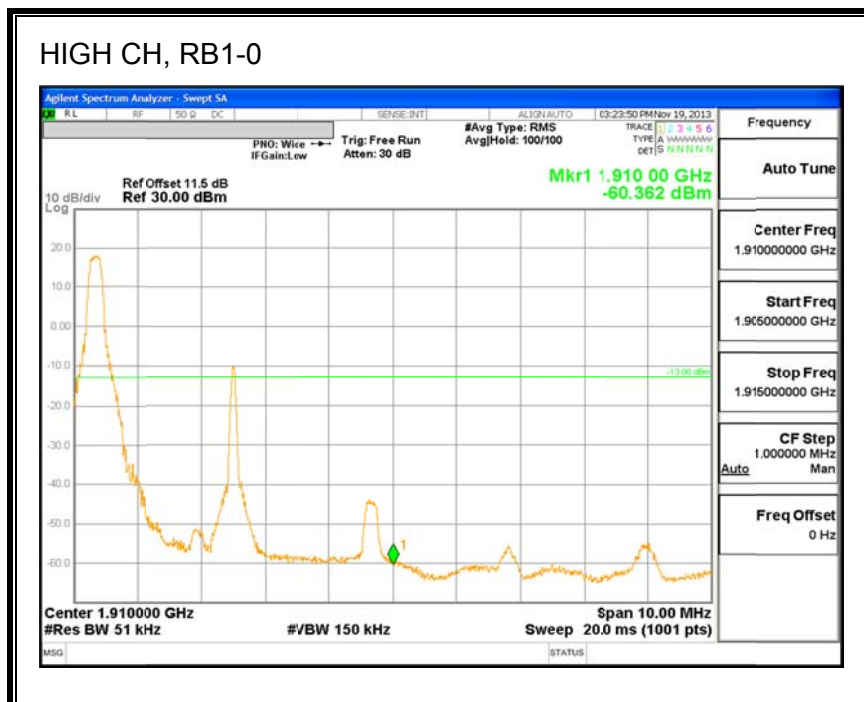
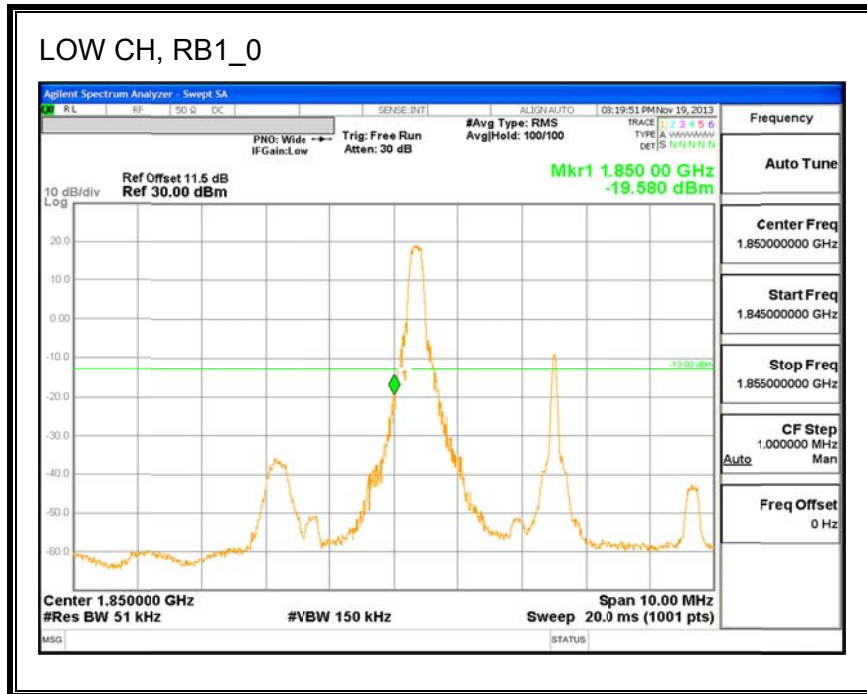


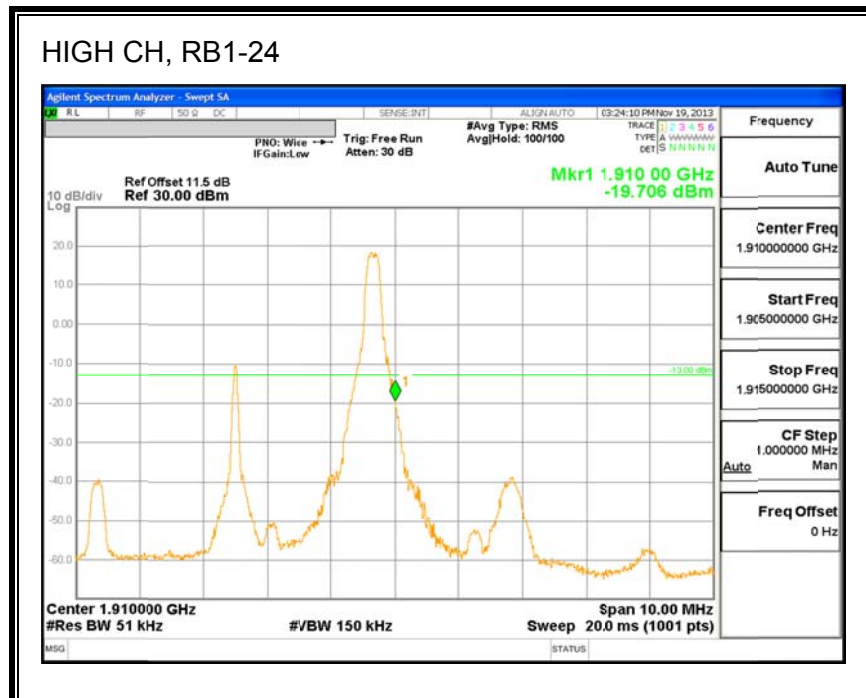
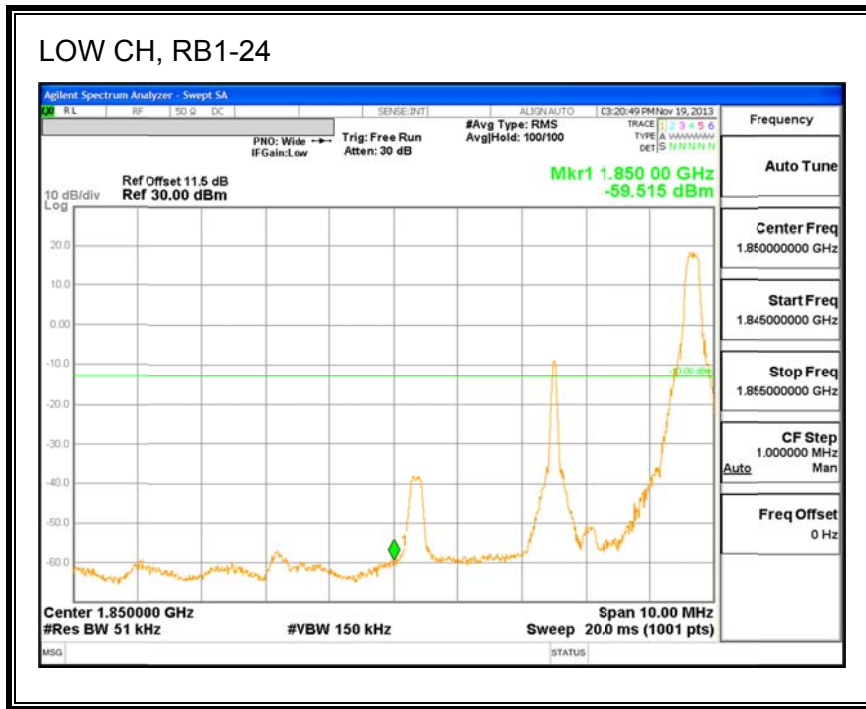


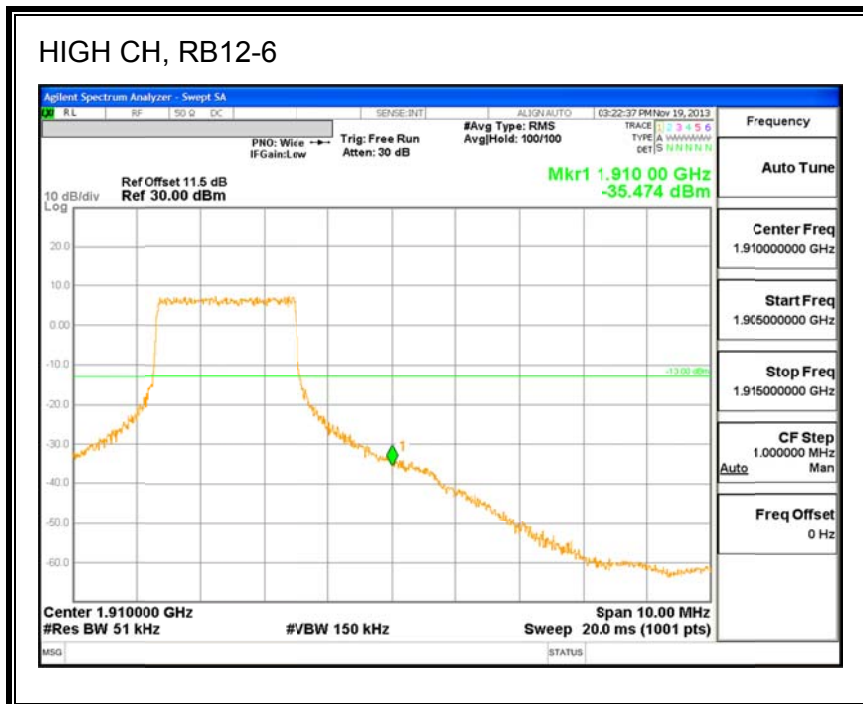
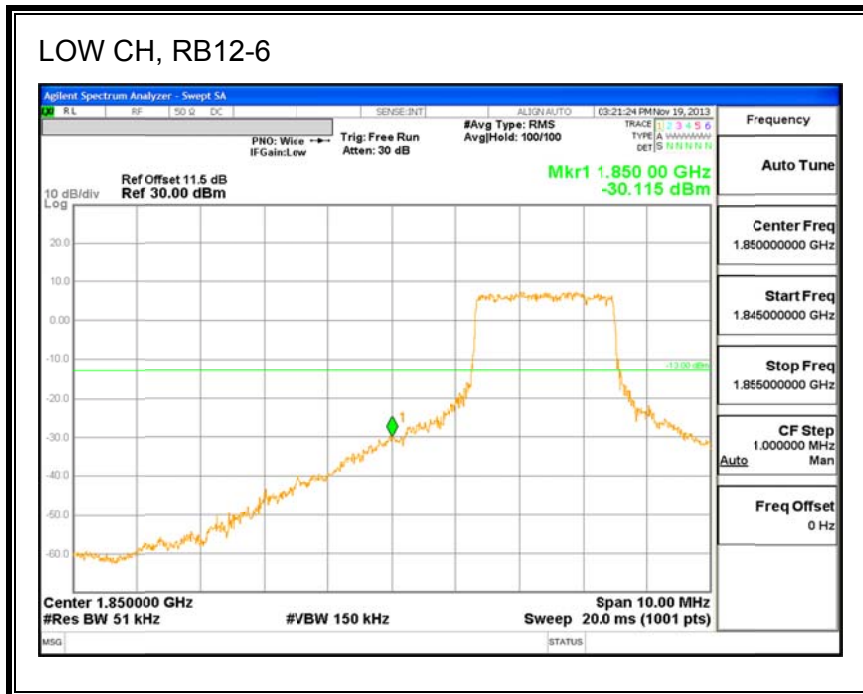


**Band 2 (5MHz BANDWIDTH)**

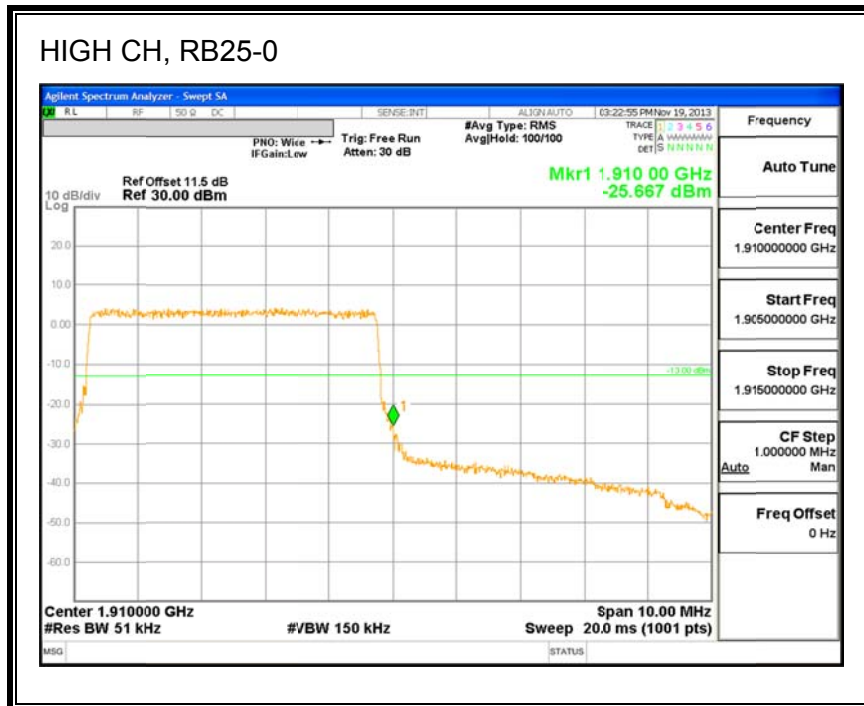
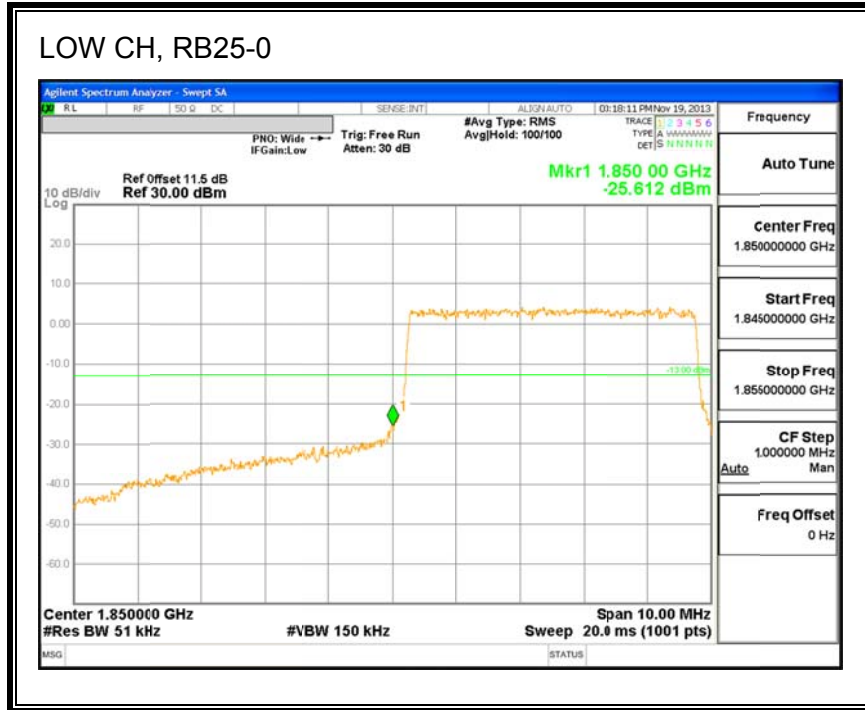
**LTE 16QAM**







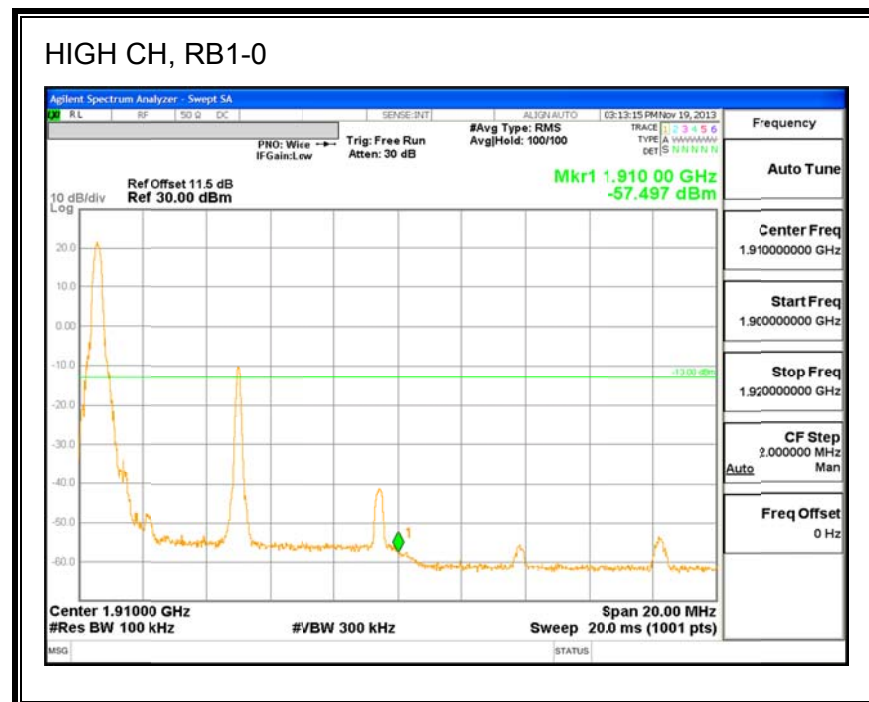
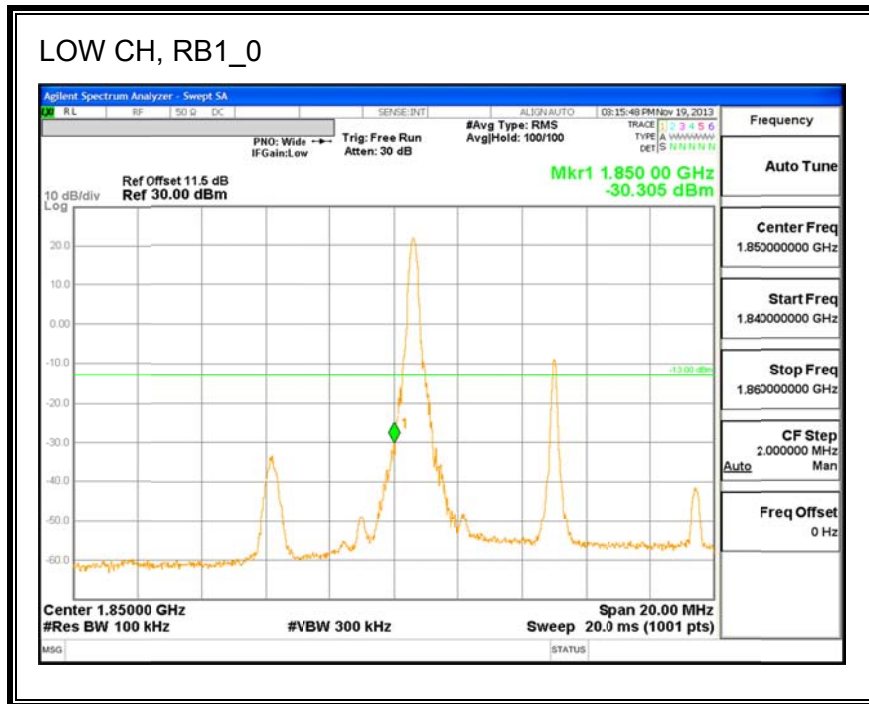




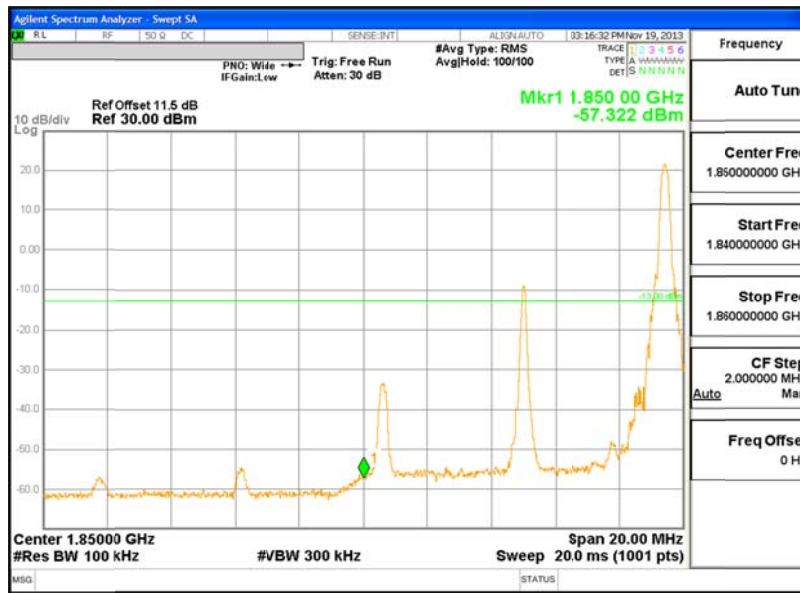


**Band 2 (10MHz BANDWIDTH)**

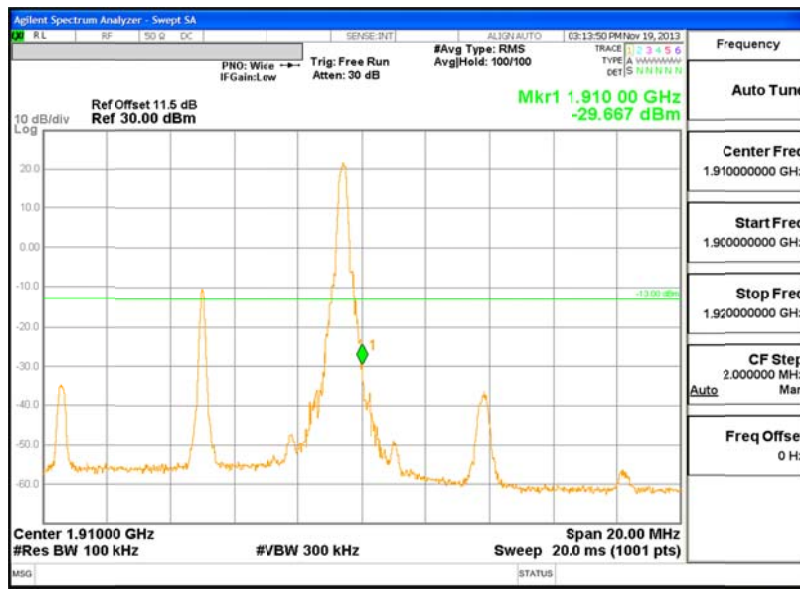
**LTE QPSK**

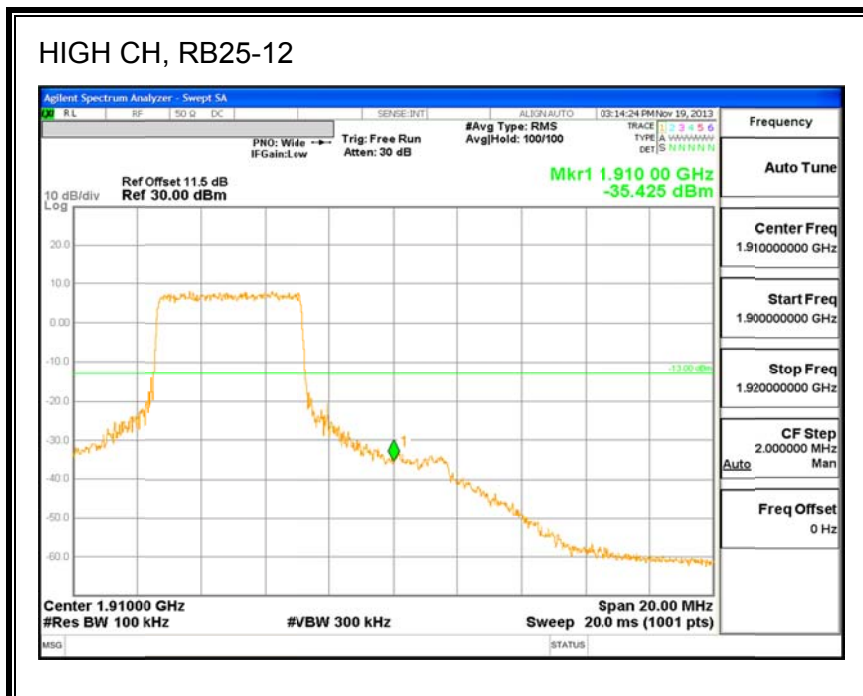
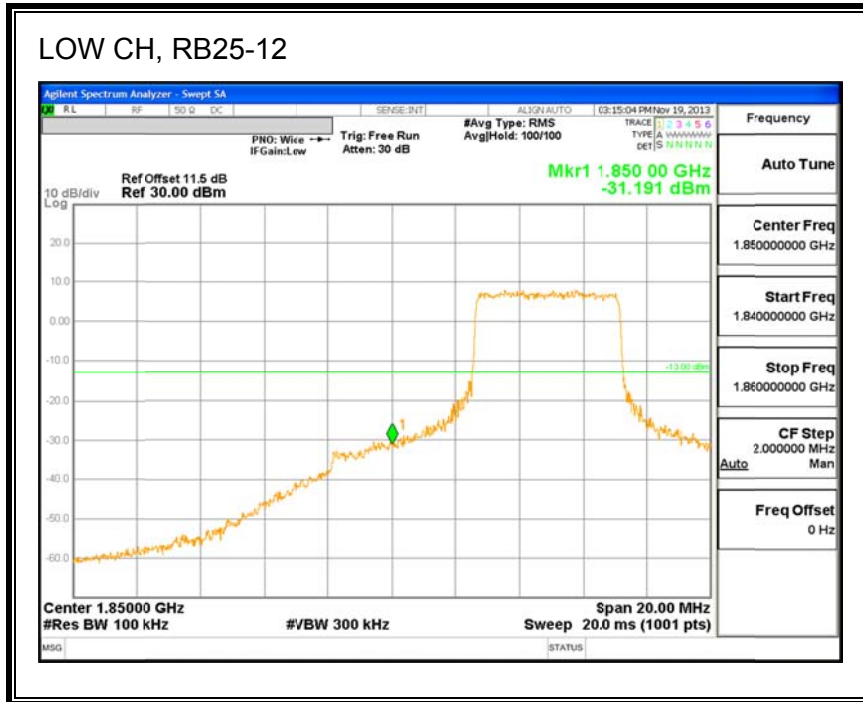


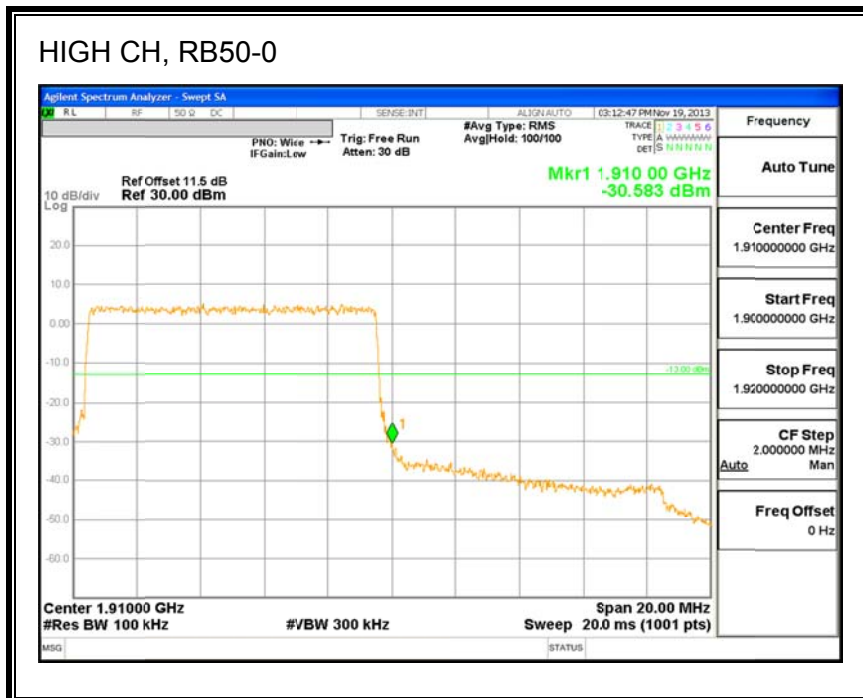
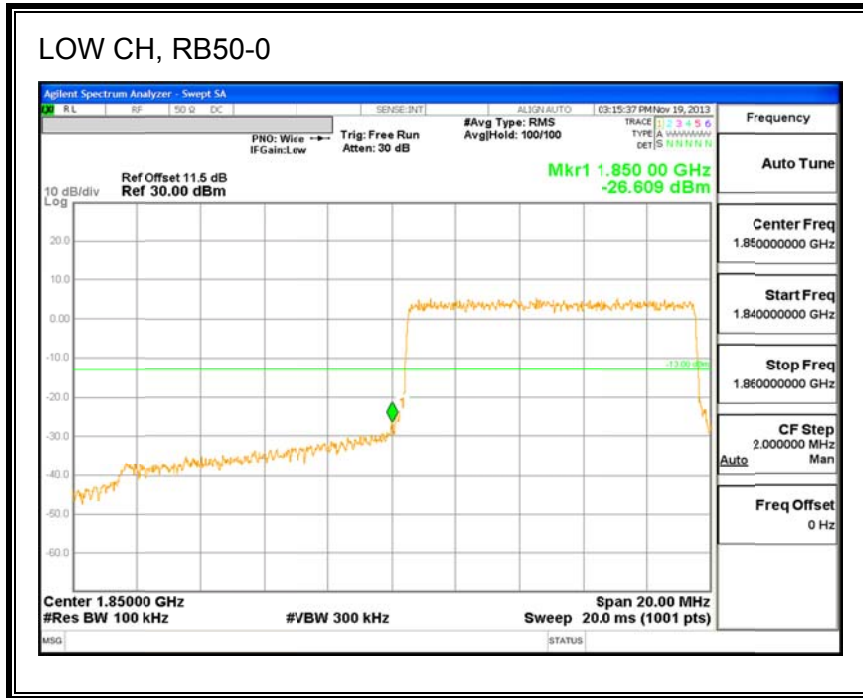
### LOW CH, RB1-49



### HIGH CH, RB1-49







**Band 2 (10 MHz BANDWIDTH)**

**LTE 16QAM**

