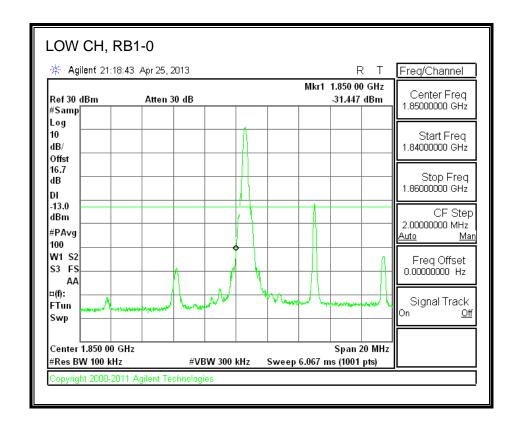
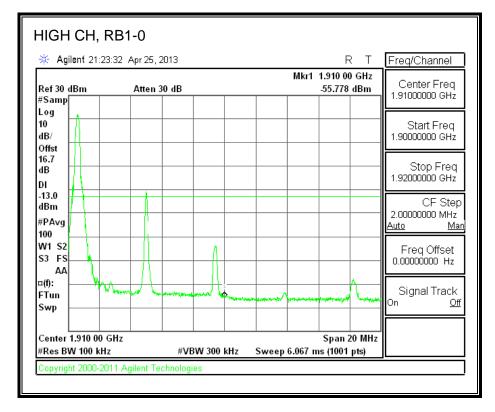
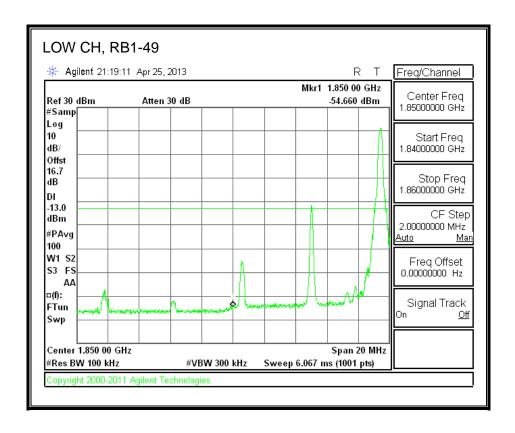


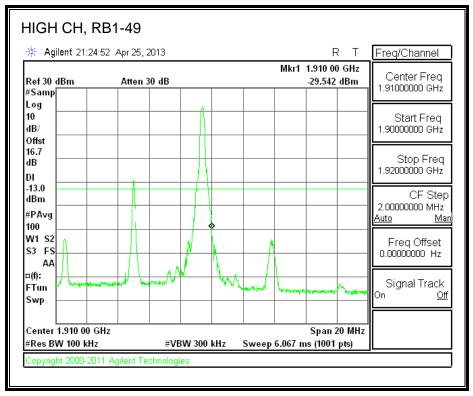
## LTE 16QAM Band 2 (10.0 MHz BAND WIDTH)

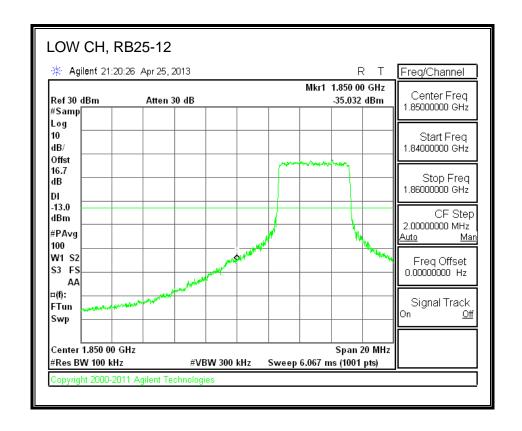


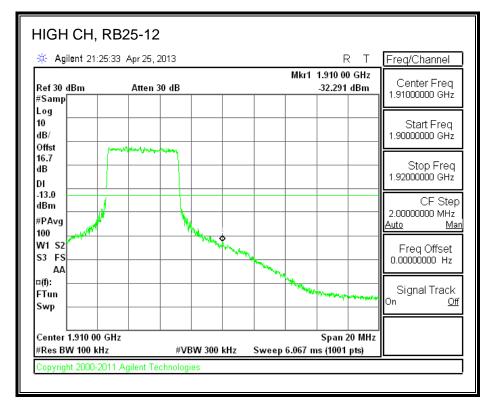


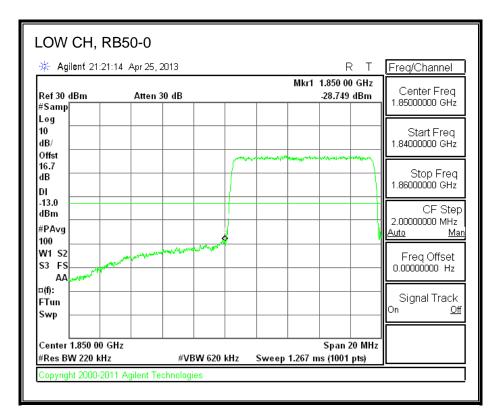
DATE: SEPTEMBER 09, 2013

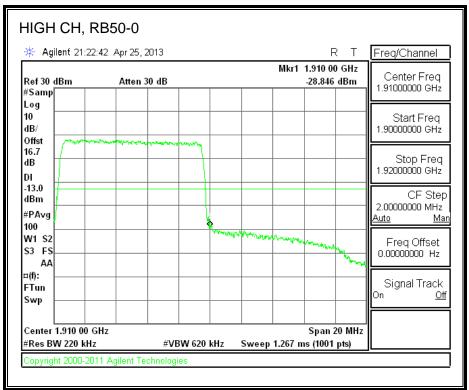




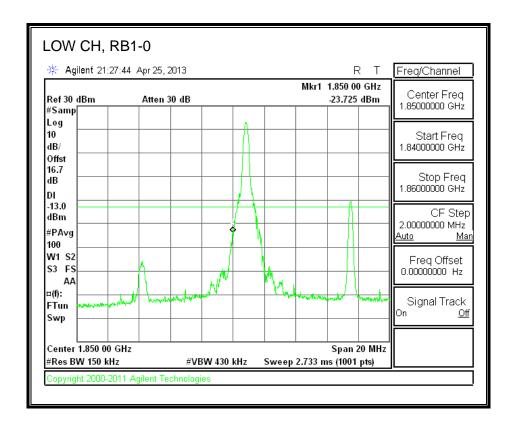


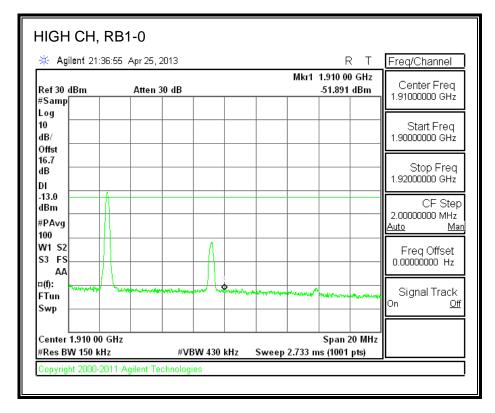


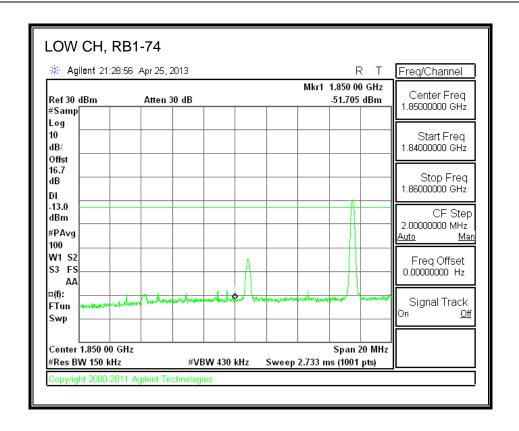


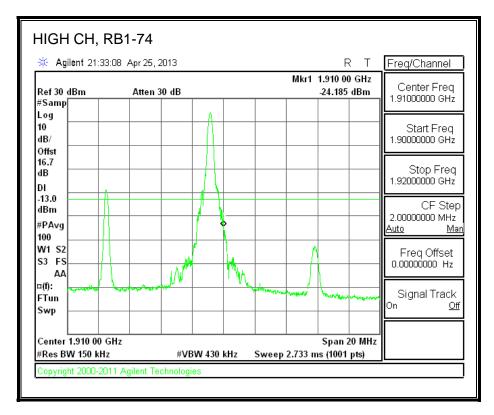


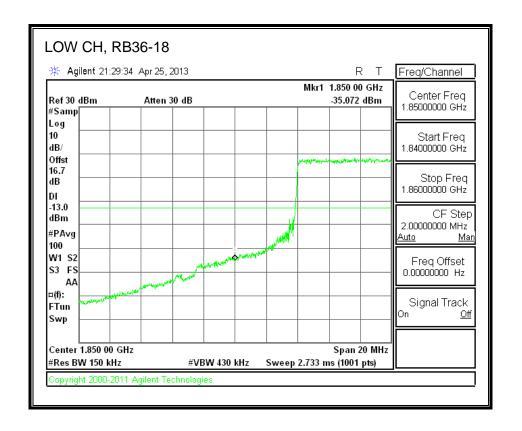
# LTE QPSK Band 2 (15.0 MHz BAND WIDTH)

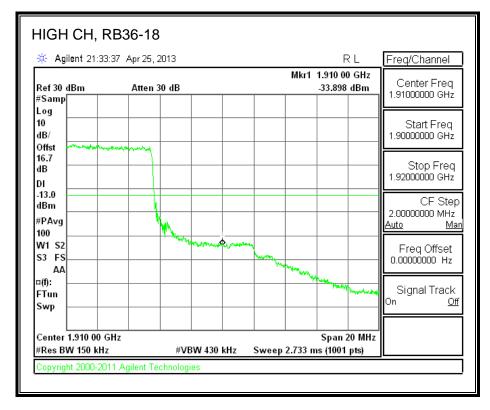


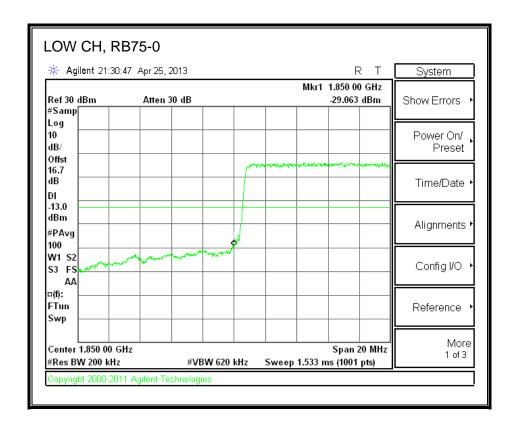


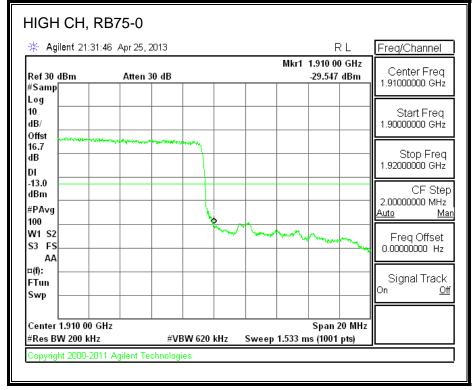




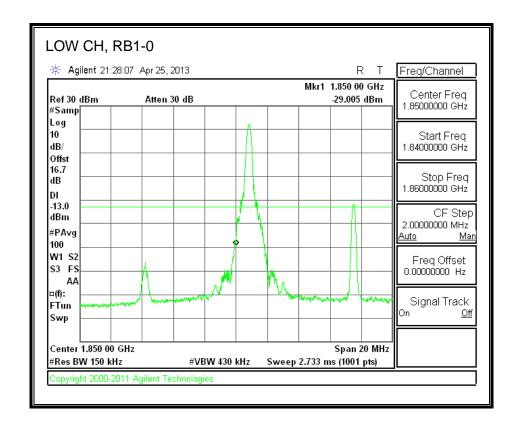


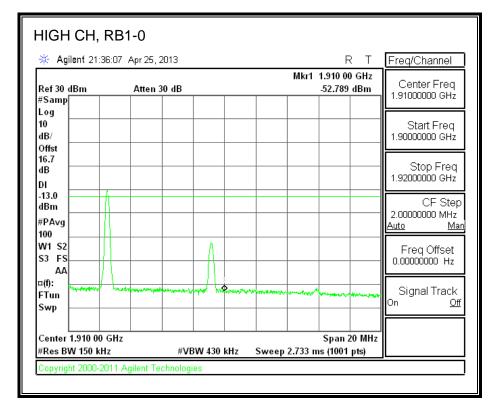




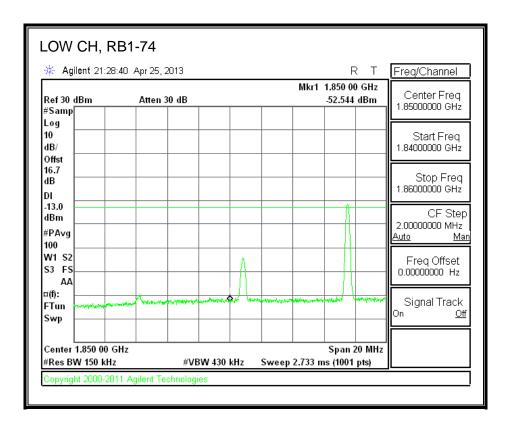


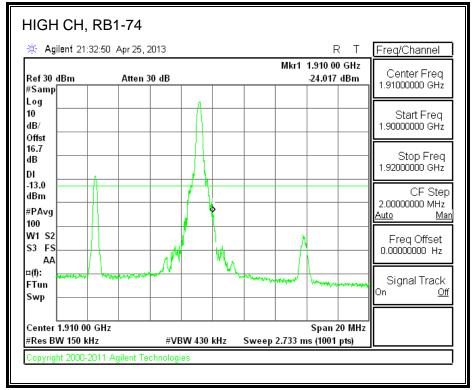
## LTE 16QAM Band 2 (15.0 MHz BAND WIDTH)

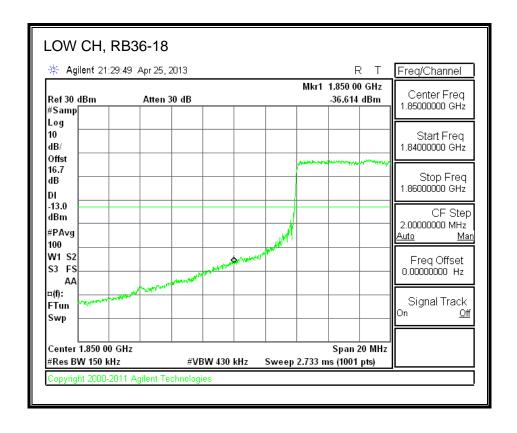


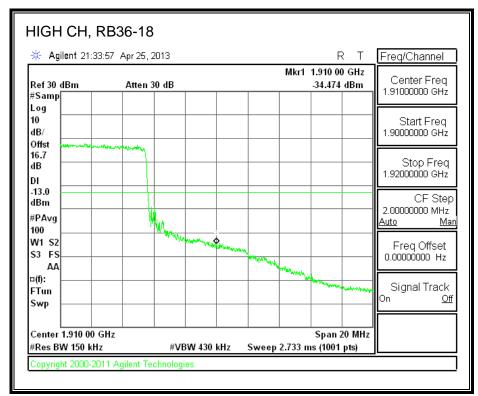


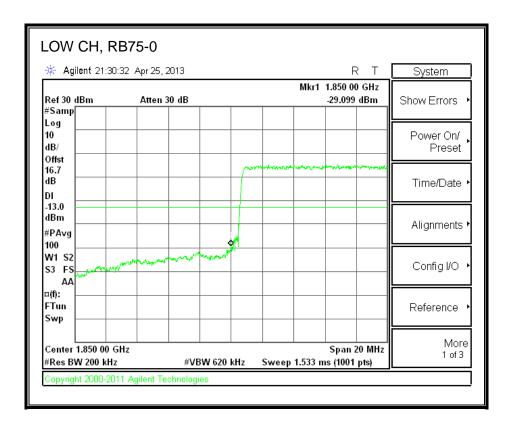
DATE: SEPTEMBER 09, 2013

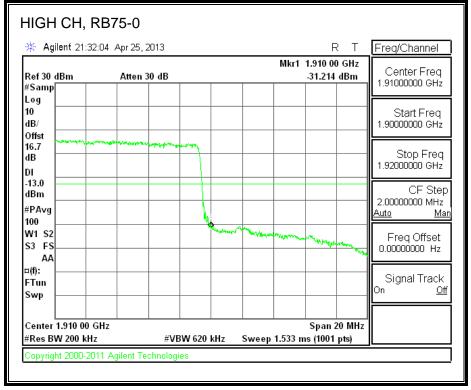




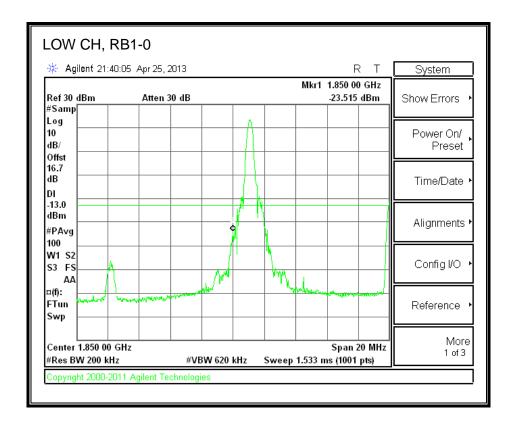


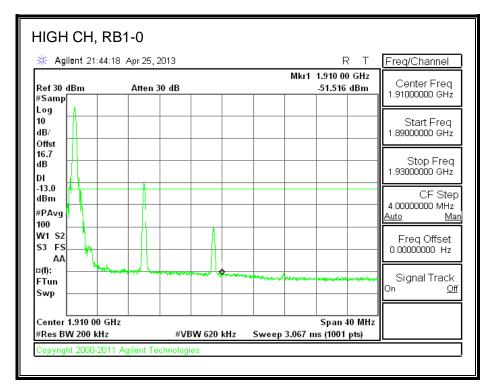




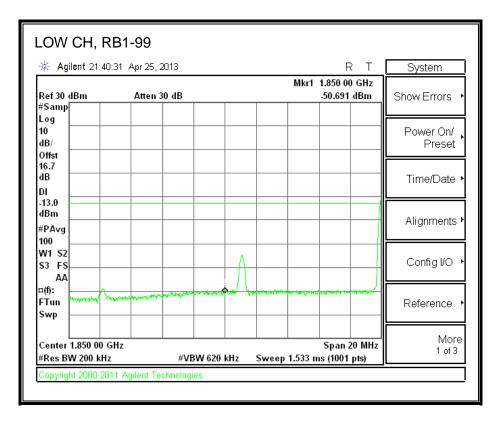


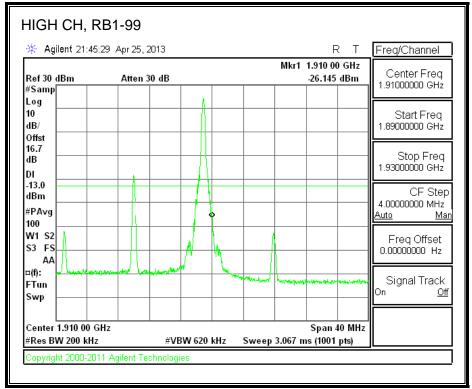
### LTE QPSK Band 2 (20.0 MHz BAND WIDTH)

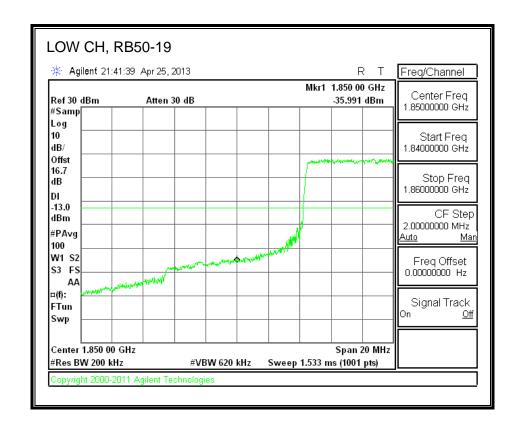


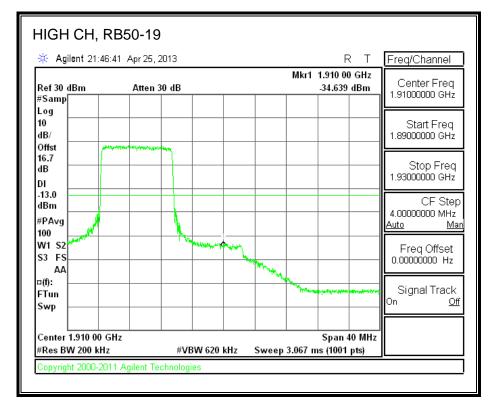


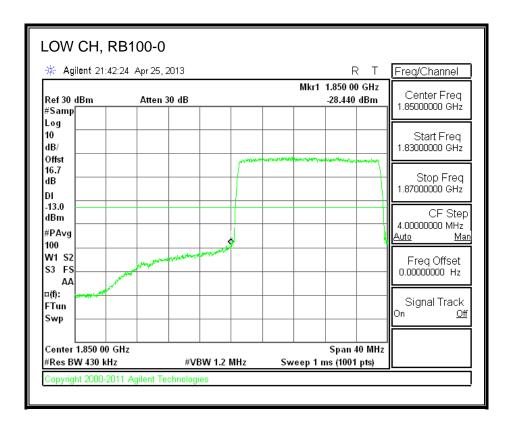
DATE: SEPTEMBER 09, 2013

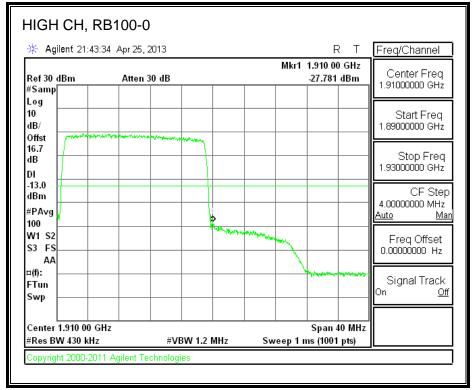




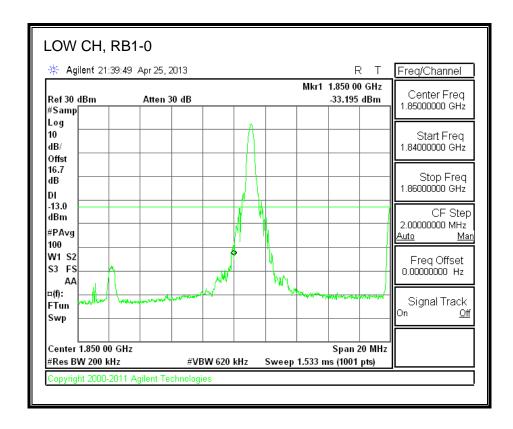


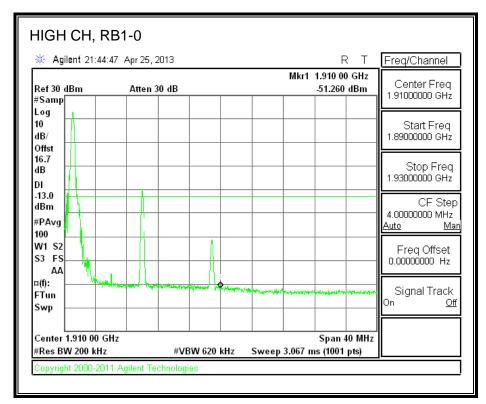




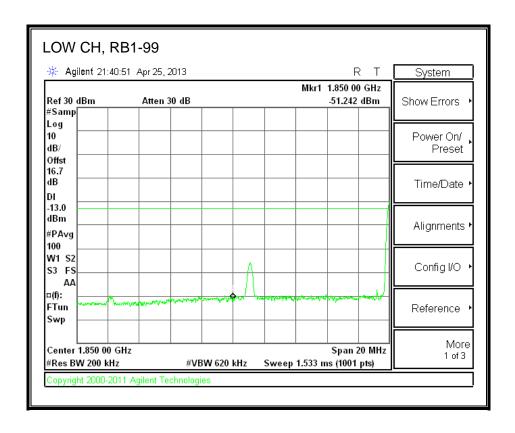


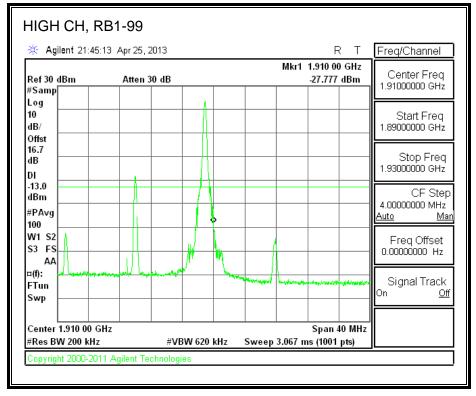
# LTE 16QAM Band 2 (20.0 MHz BAND WIDTH)

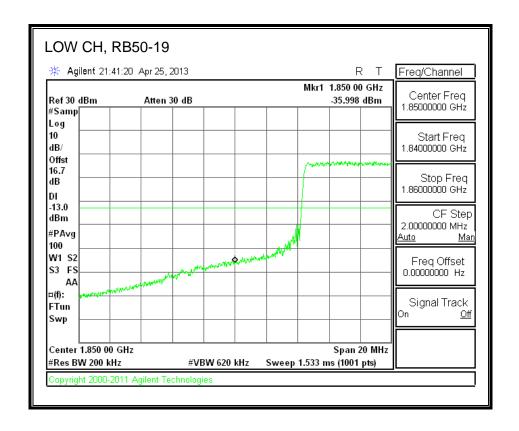


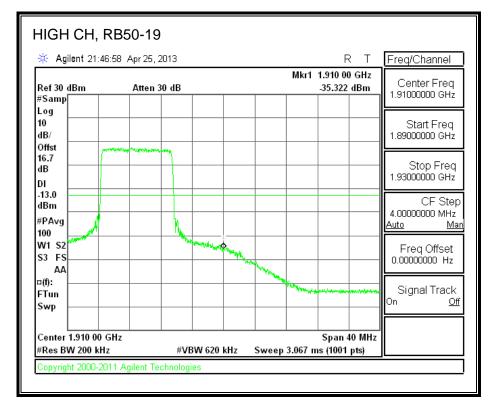


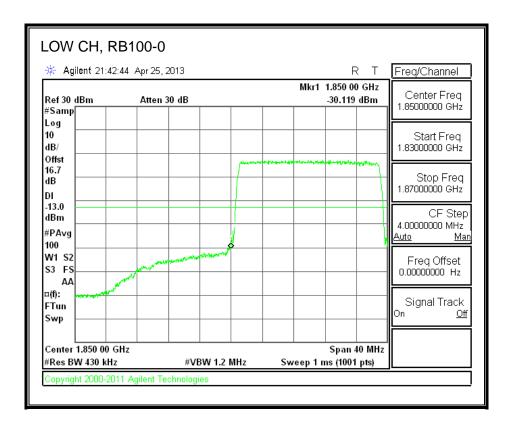
DATE: SEPTEMBER 09, 2013

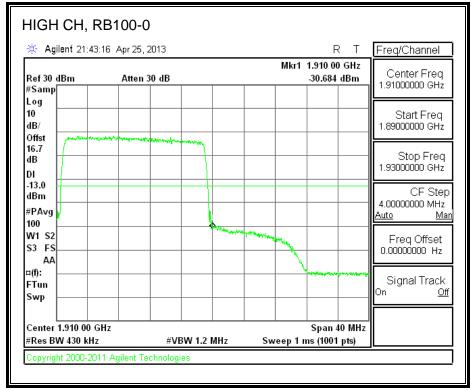






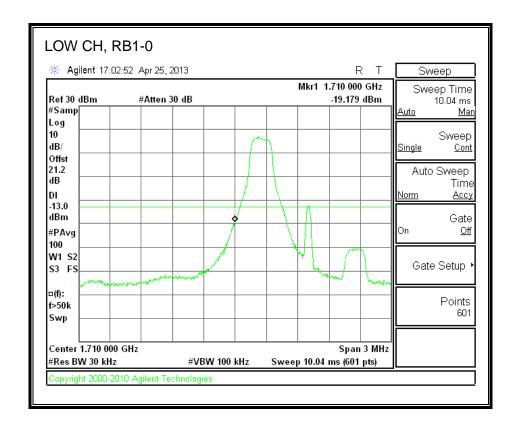




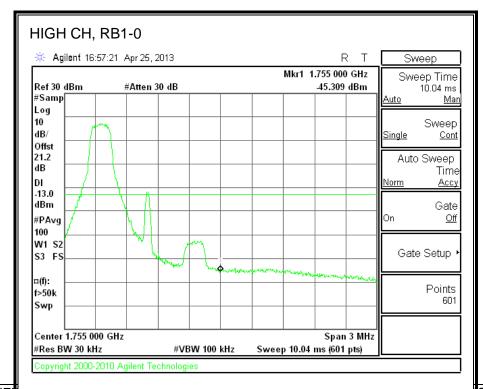


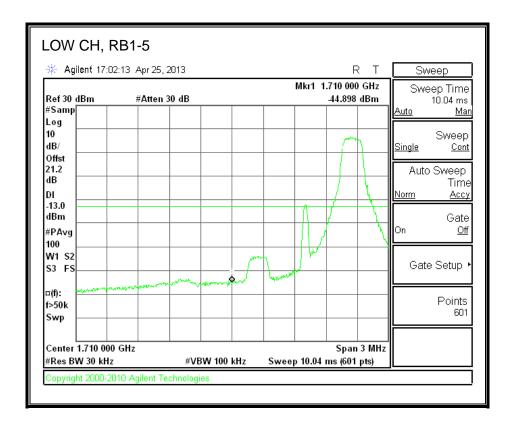
## 8.2.2. LTE BAND 4

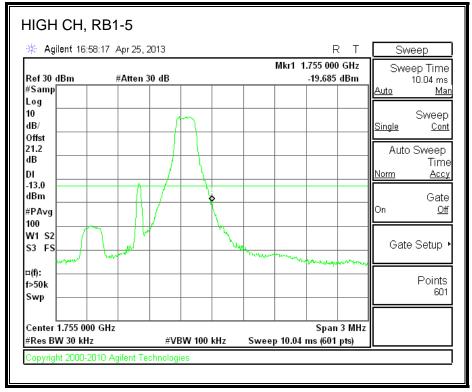
#### LTE QPSK Band 4 (1.4 MHz BAND WIDTH)

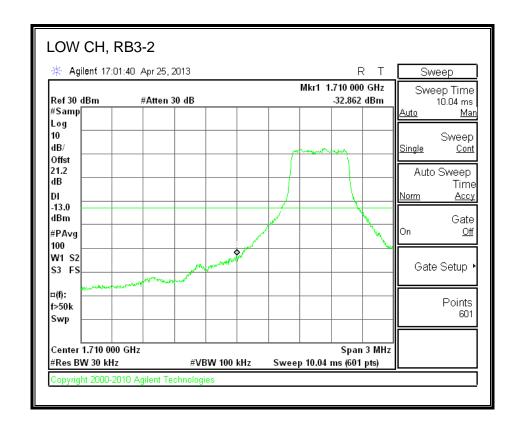


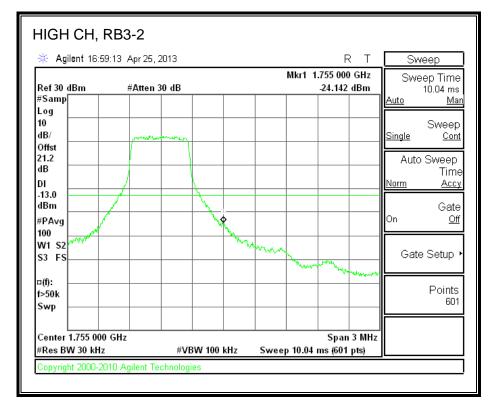
DATE: SEPTEMBER 09, 2013

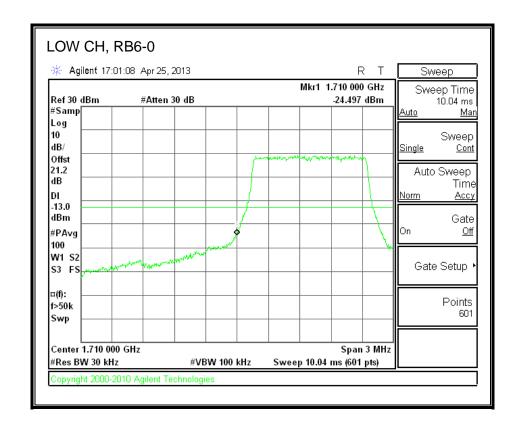


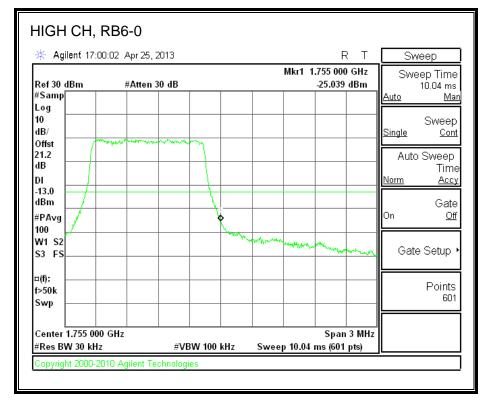




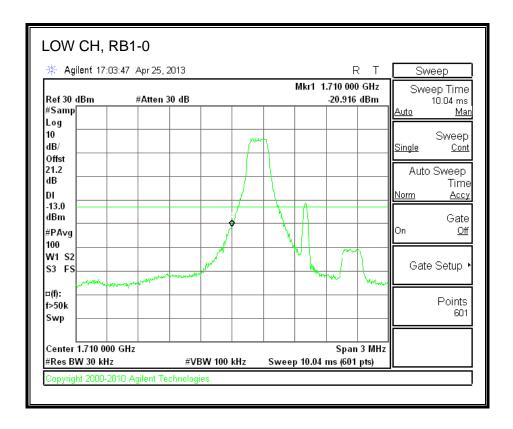


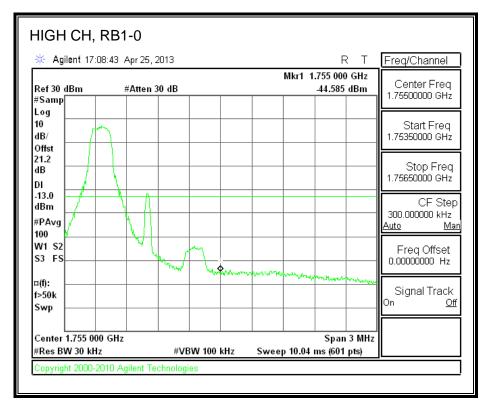




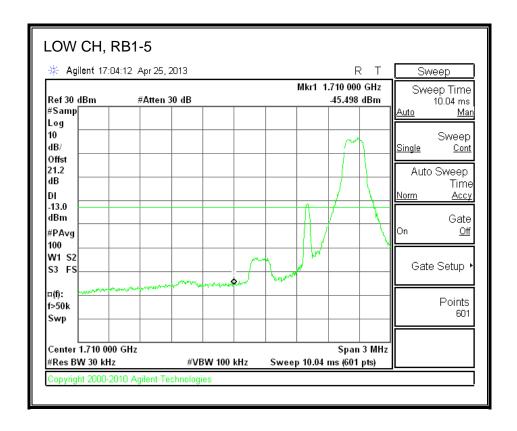


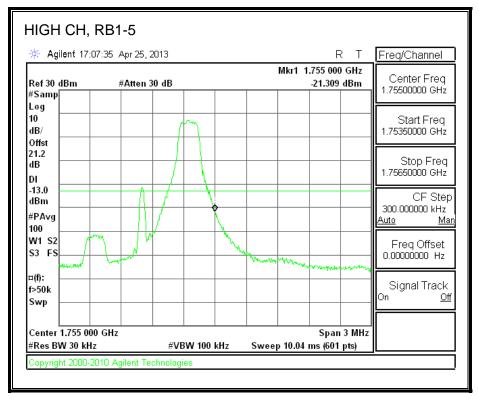
# LTE 16QAM Band 4 (1.4 MHz BAND WIDTH )

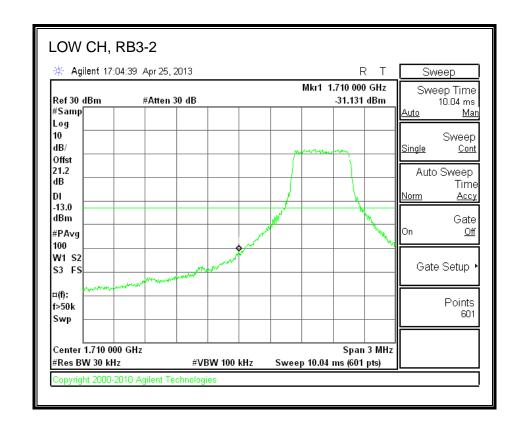


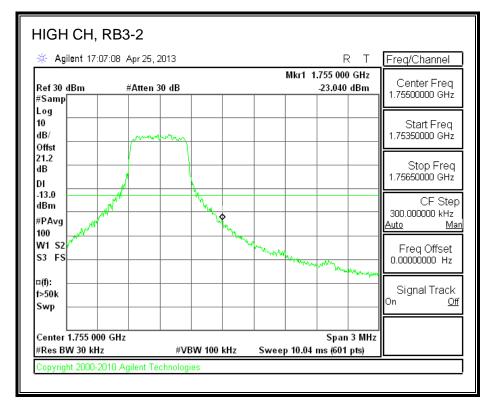


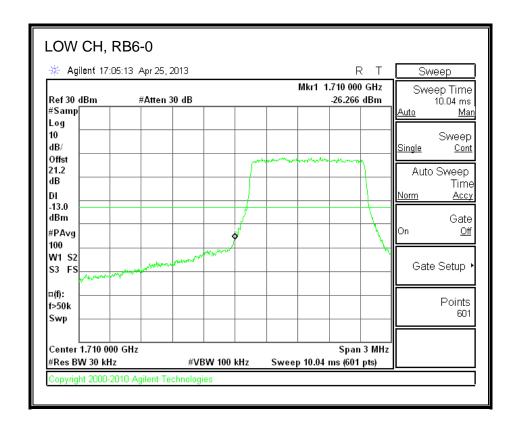
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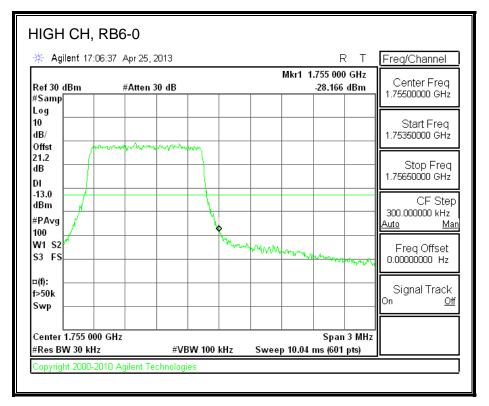




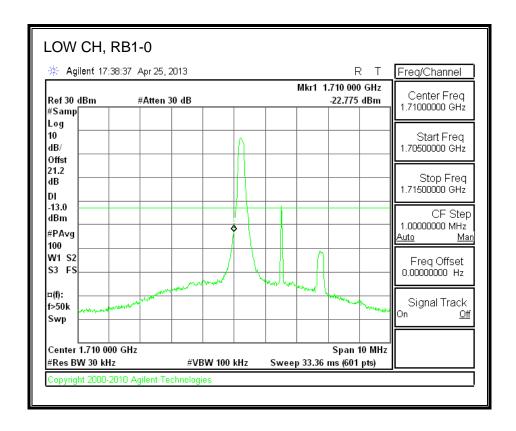


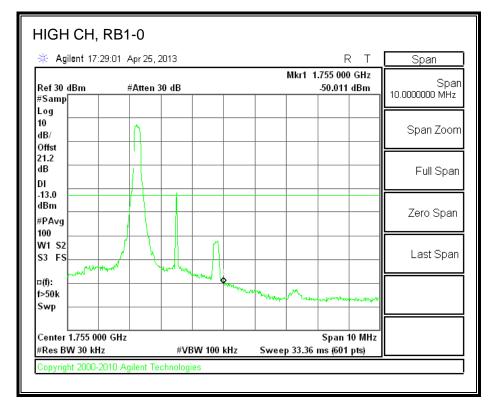




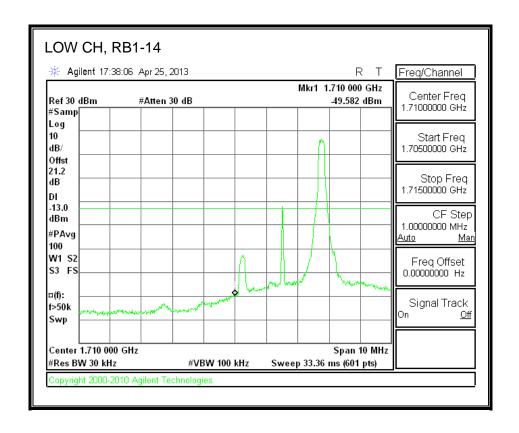


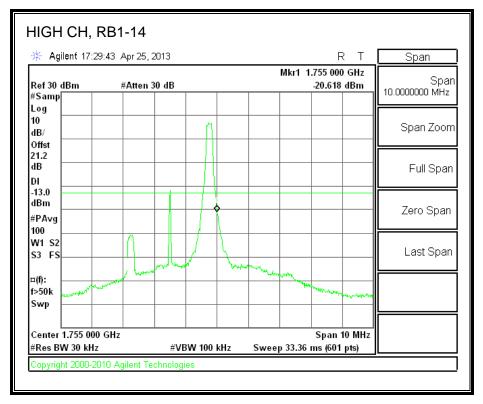
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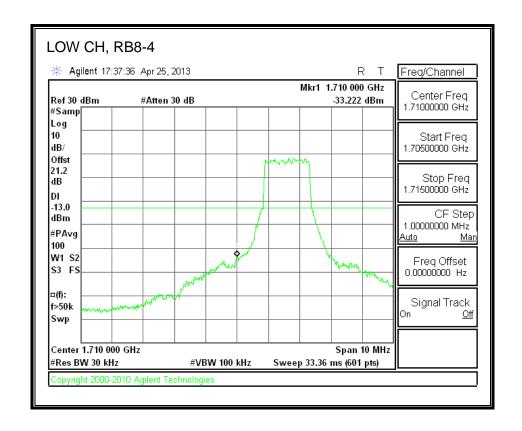


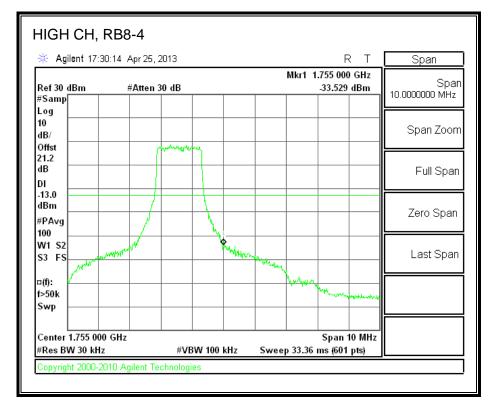


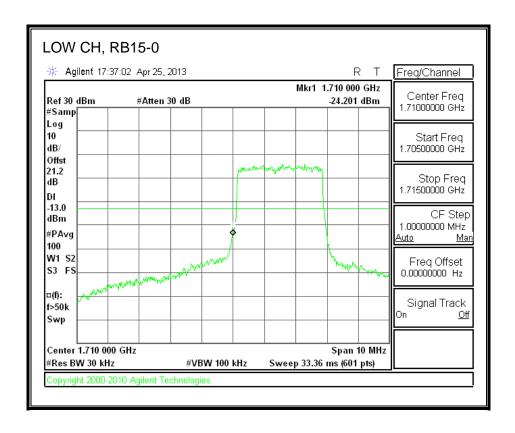
DATE: SEPTEMBER 09, 2013

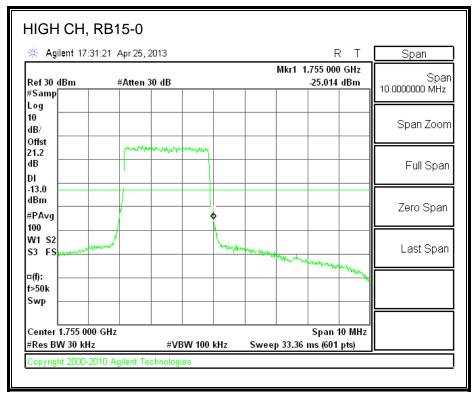




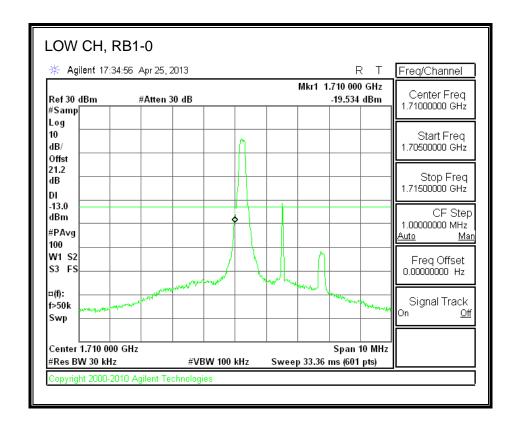


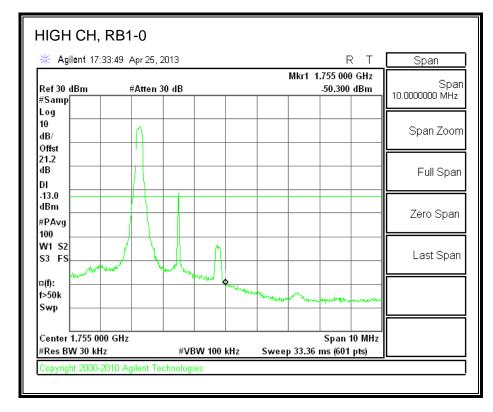




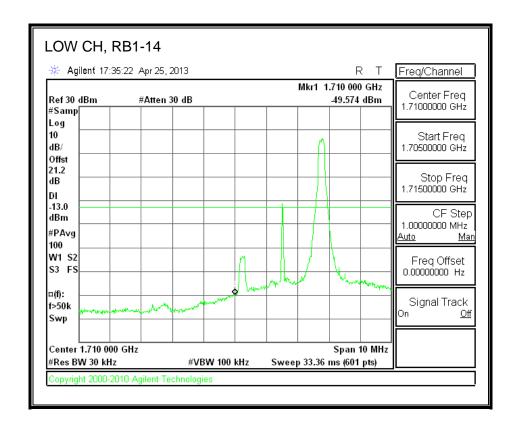


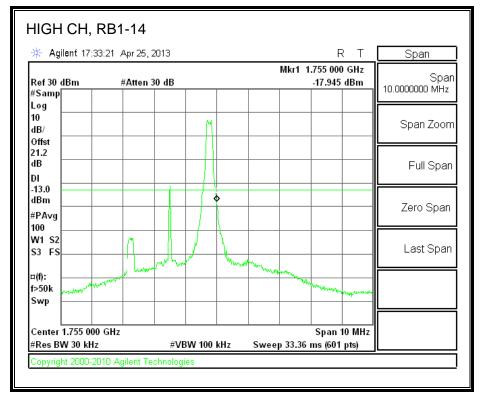
#### LTE 16QAM Band 4 (3.0 MHz BAND WIDTH)

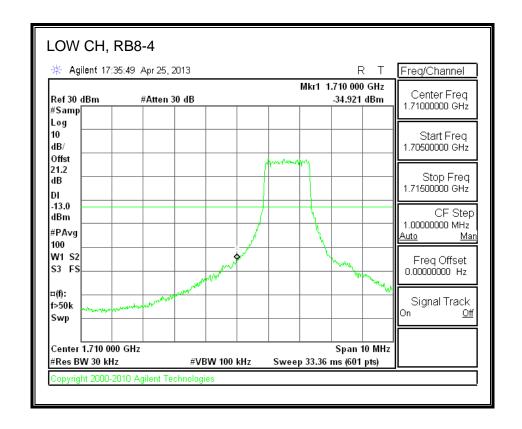


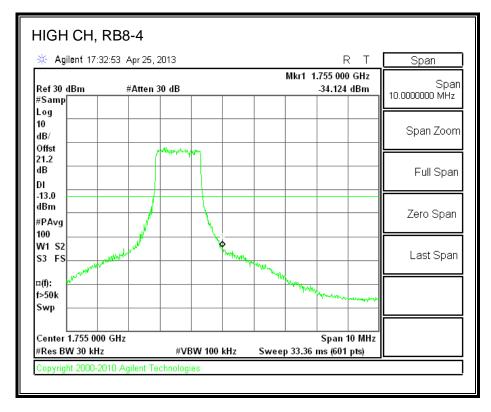


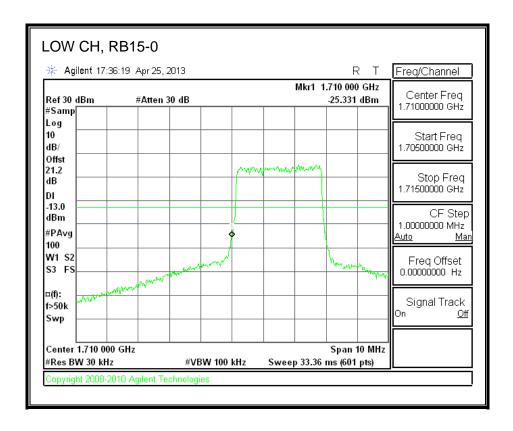
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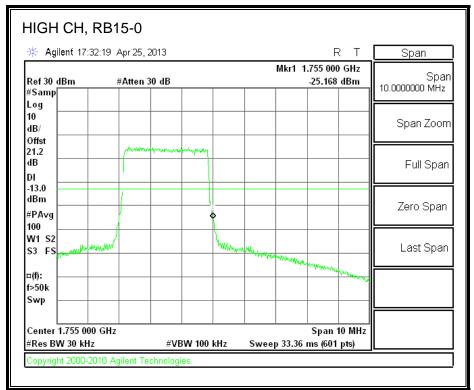




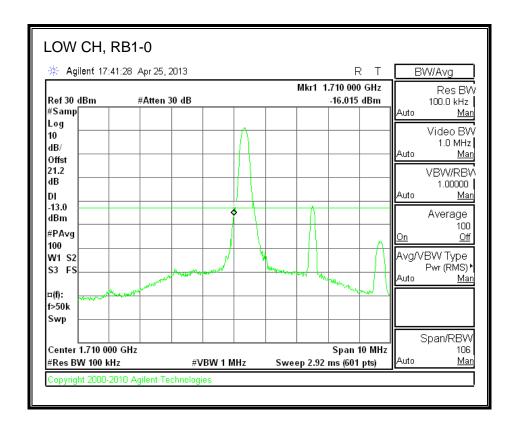


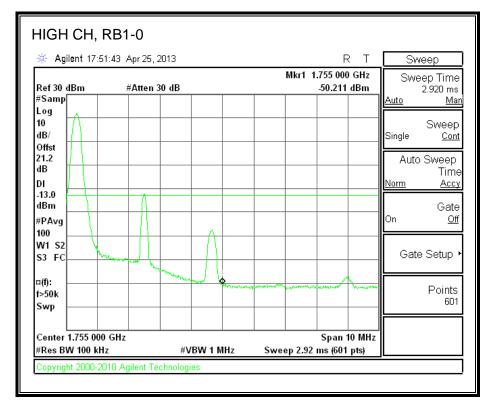




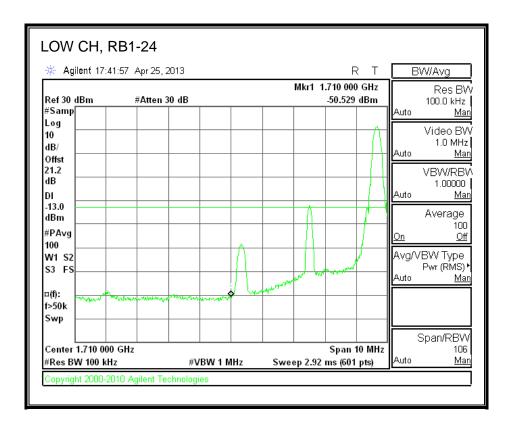


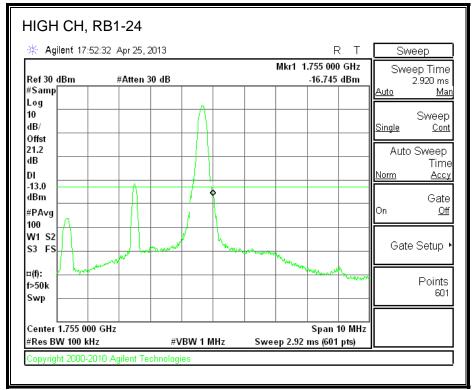
### LTE QPSK Band 4 (5.0 MHz BAND WIDTH)

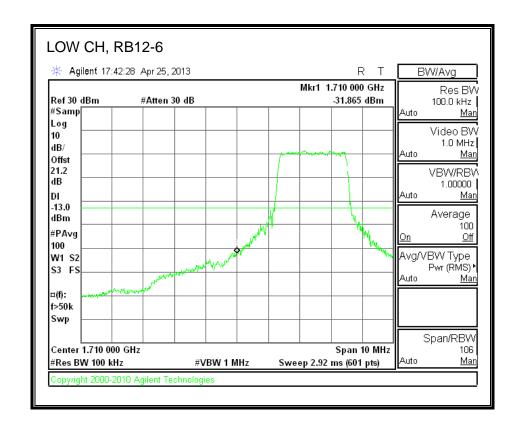


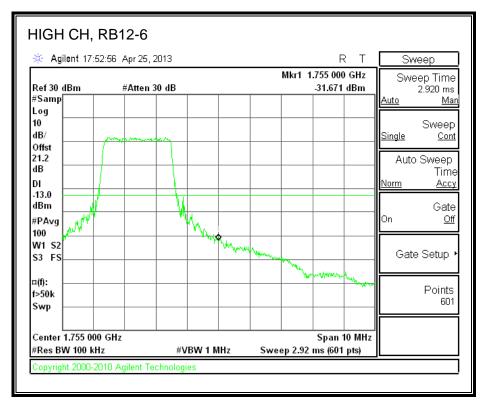


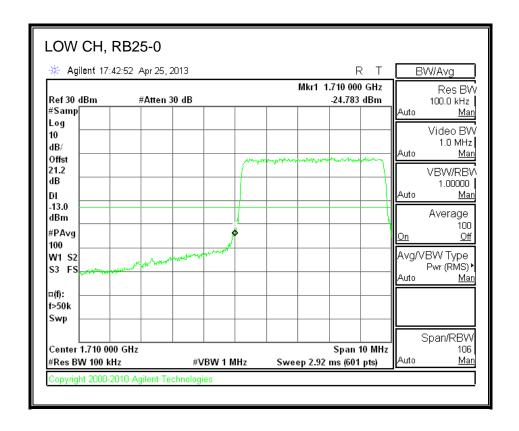
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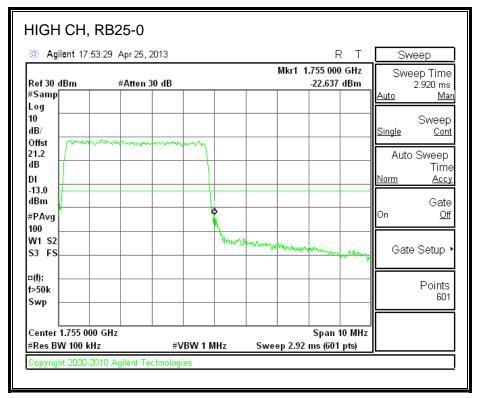




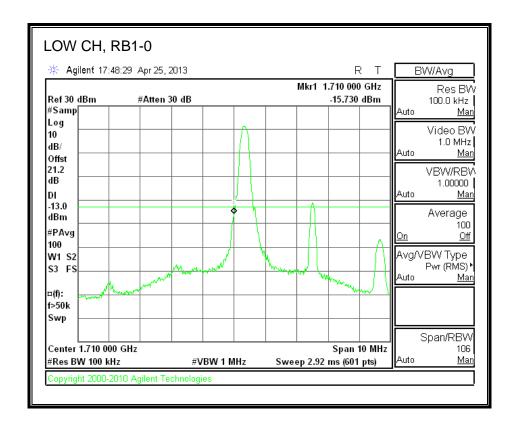


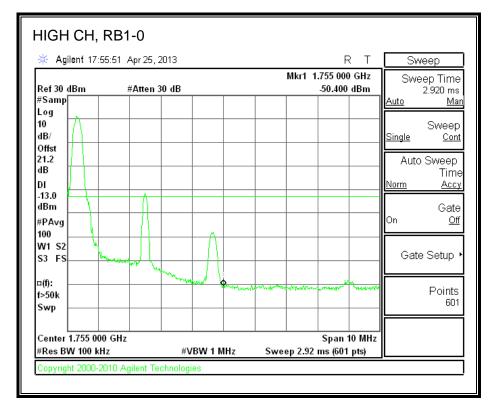




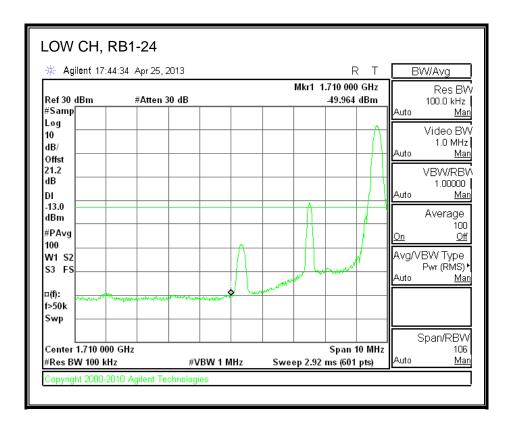


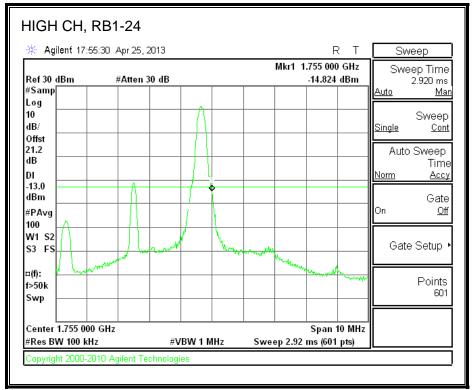
### LTE 16QAM Band 4 (5.0 MHz BAND WIDTH)

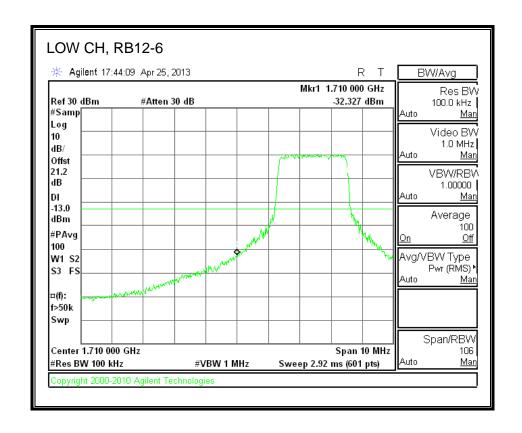


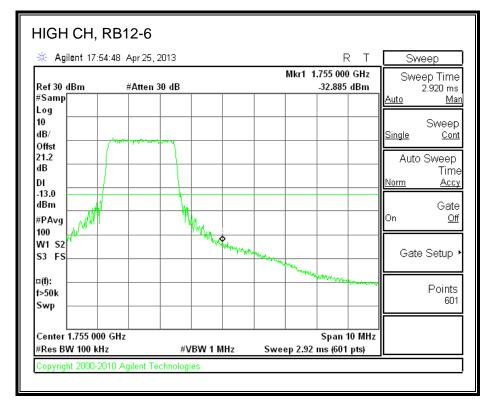


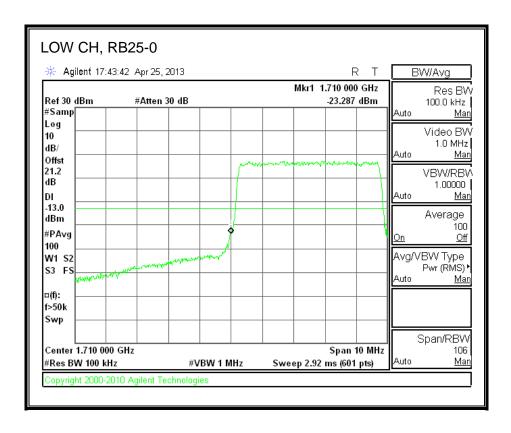
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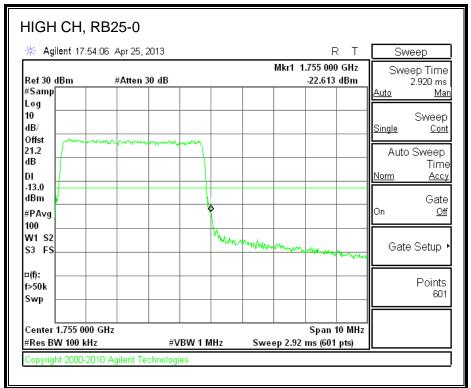




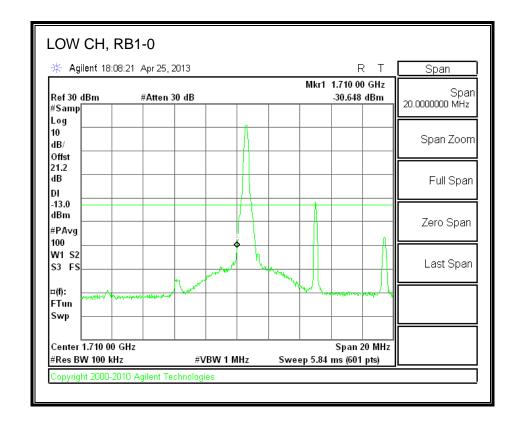


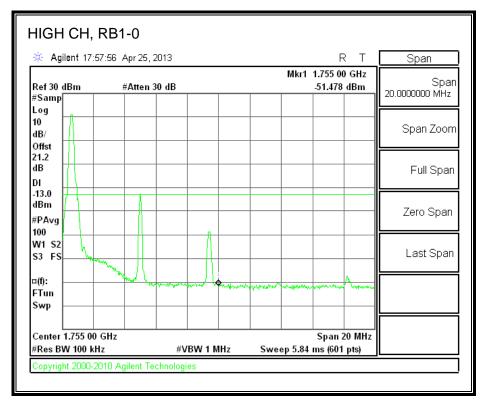




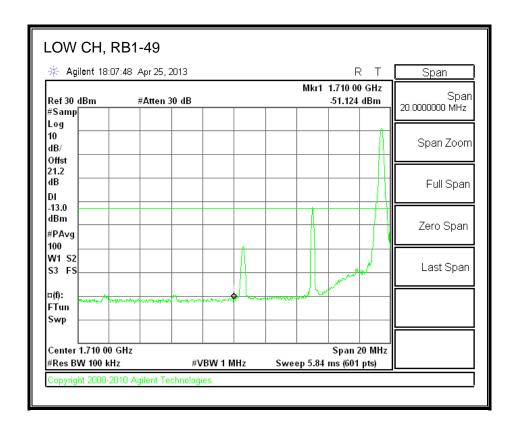


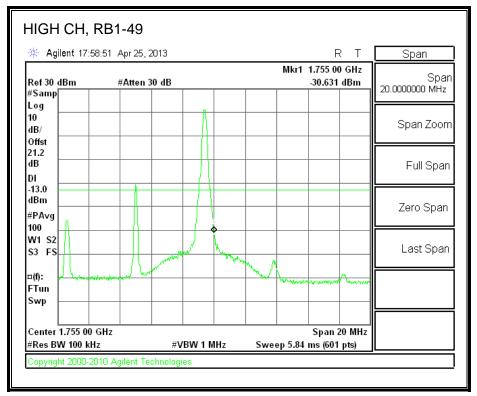
### LTE QPSK Band 4 (10.0 MHz BAND WIDTH)

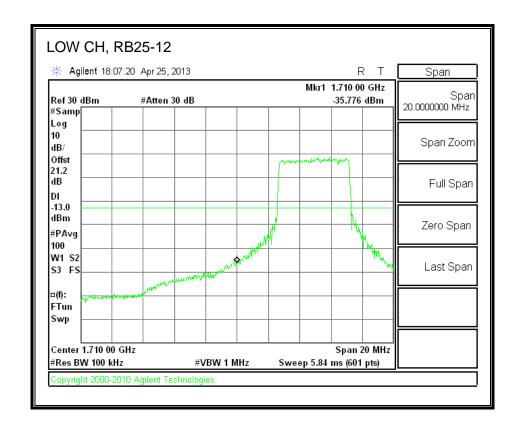


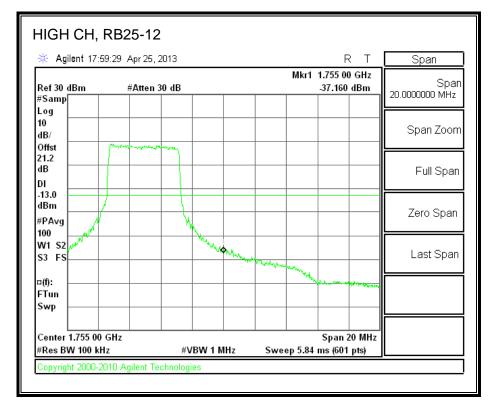


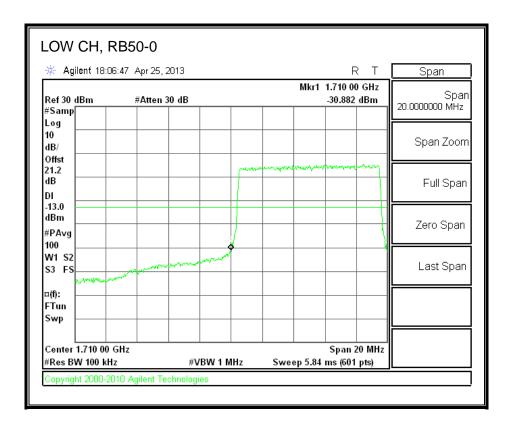
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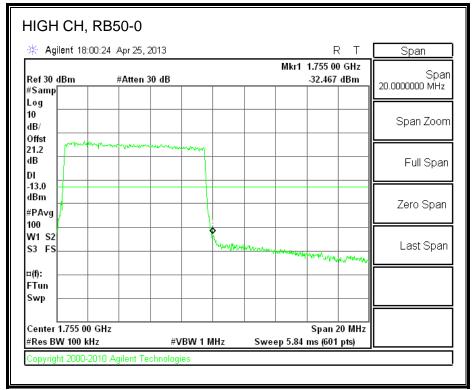




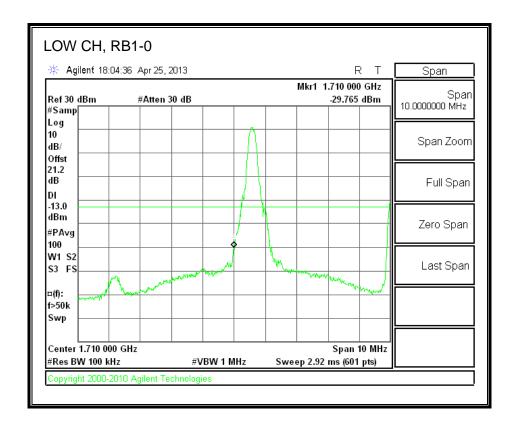


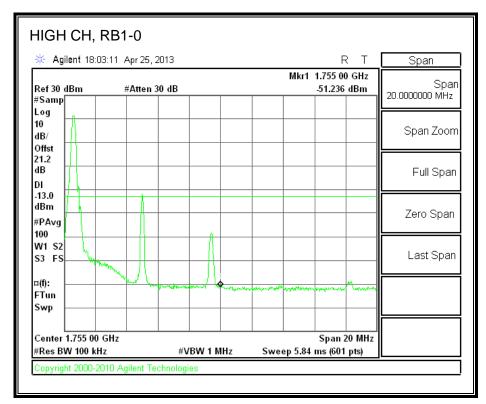


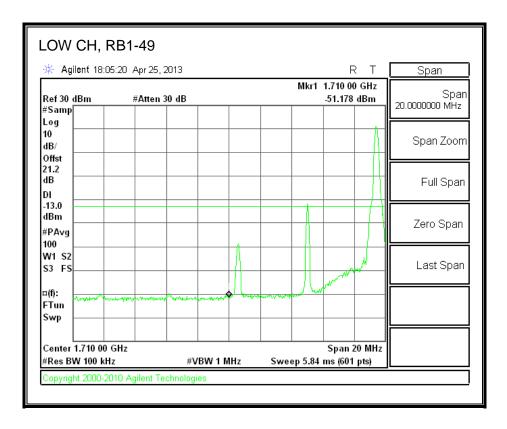


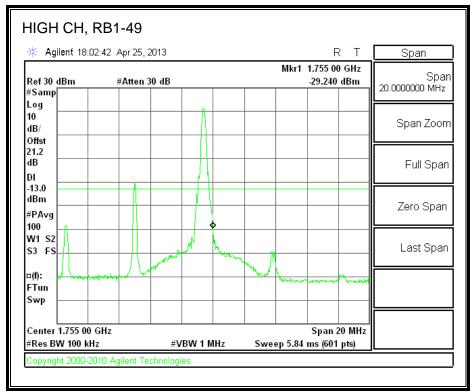


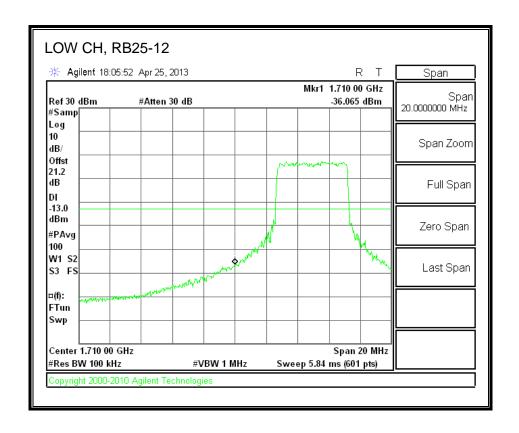
# LTE 16QAM Band 4 (10.0 MHz BAND WIDTH)

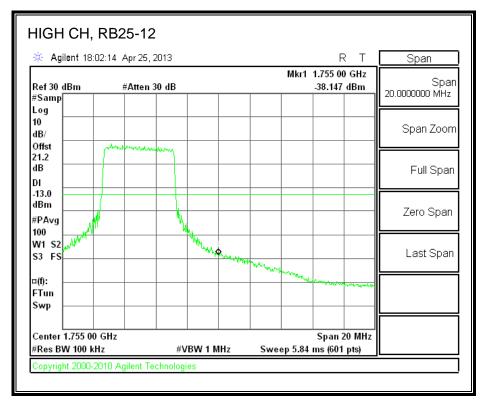


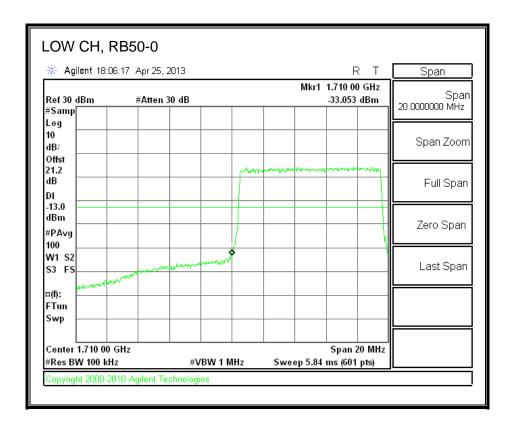


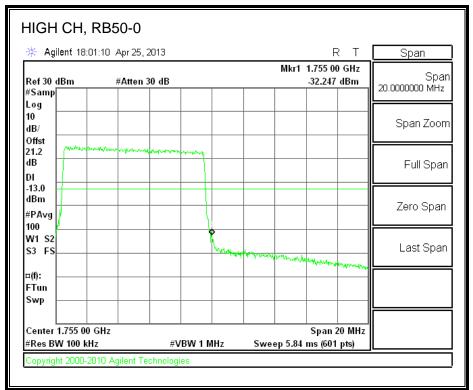




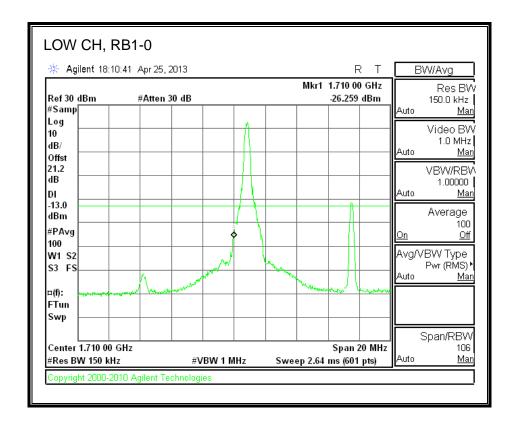


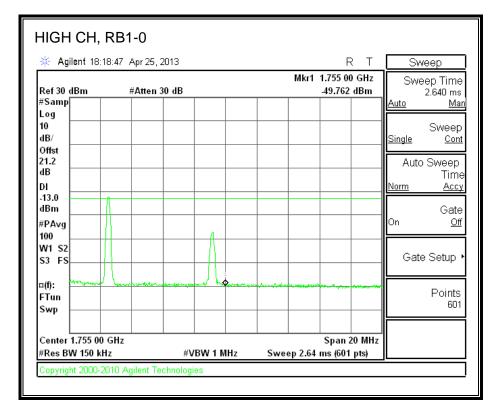


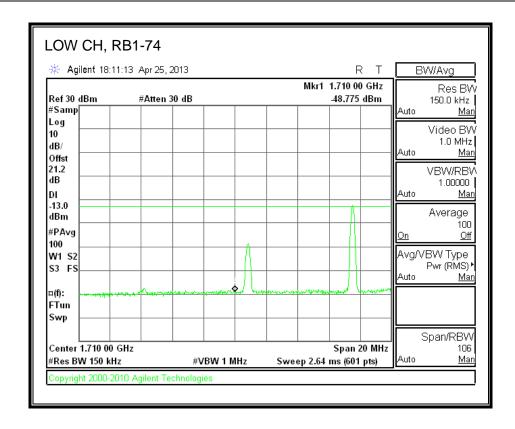


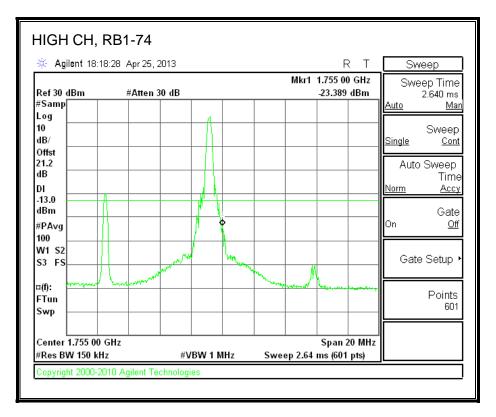


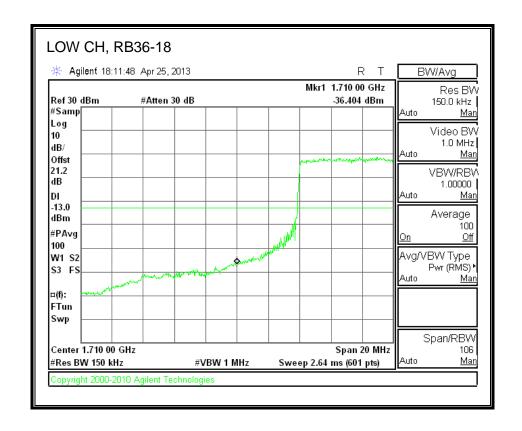
## LTE QPSK Band 4 (15.0 MHz BAND WIDTH)

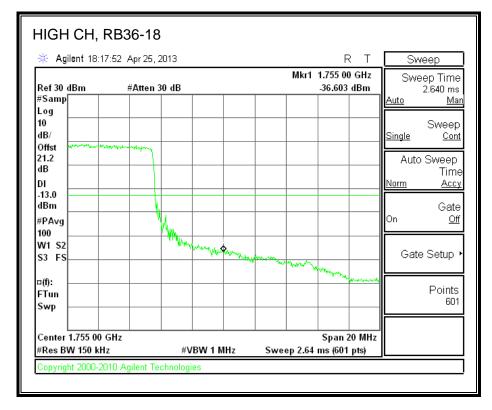


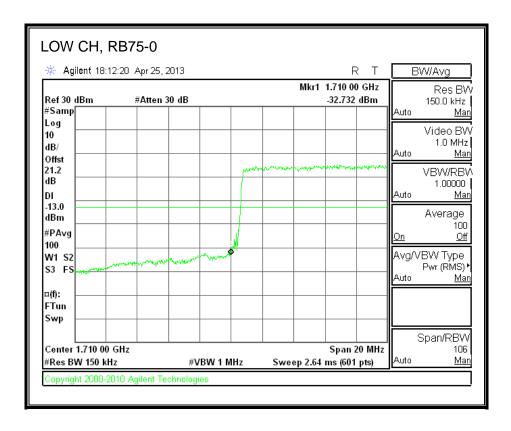


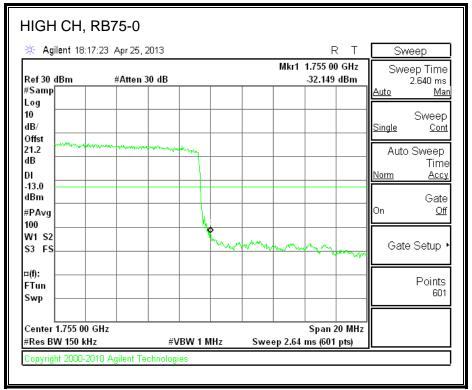




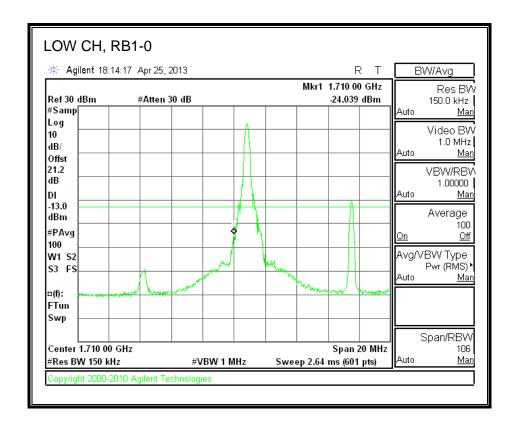


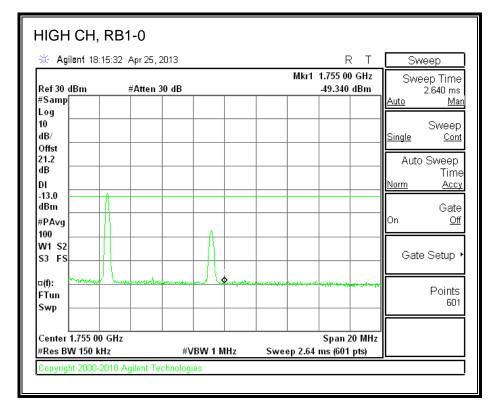


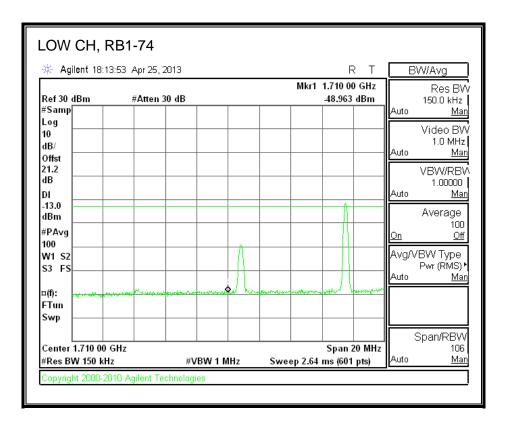


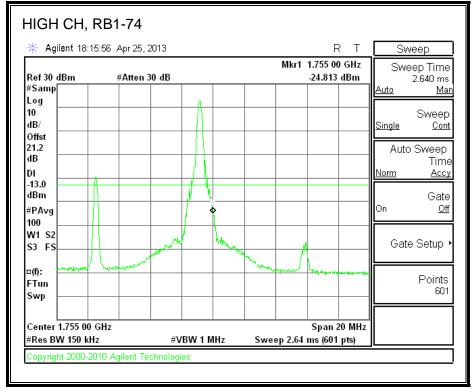


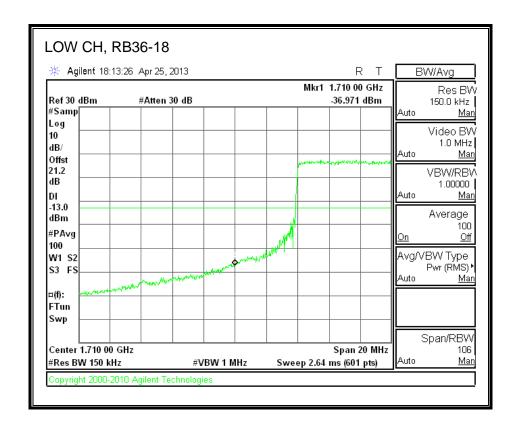
# LTE 16QAM Band 4 (15.0 MHz BAND WIDTH)

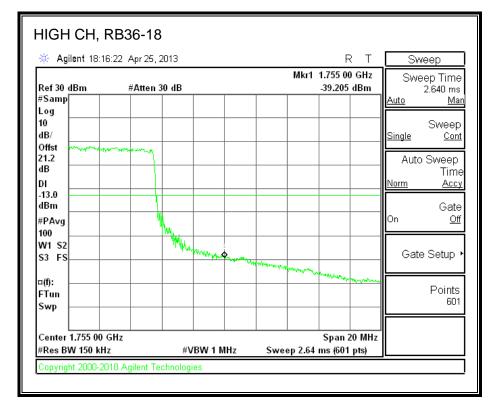


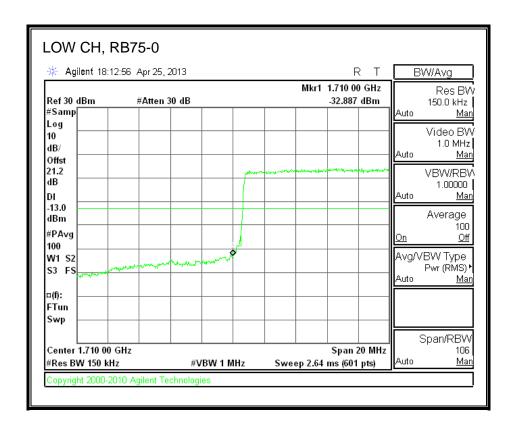


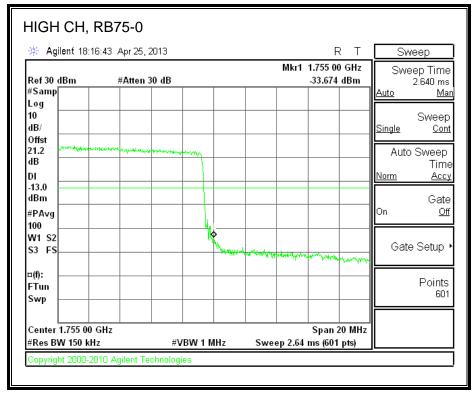




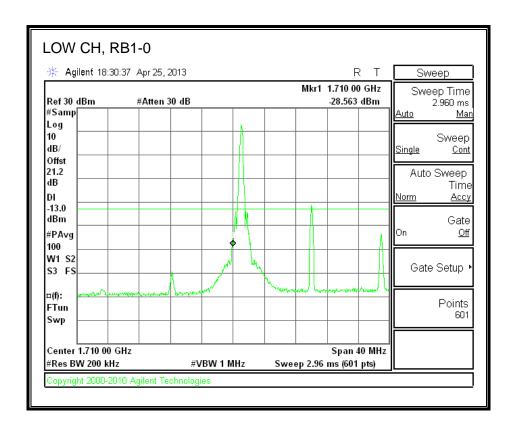


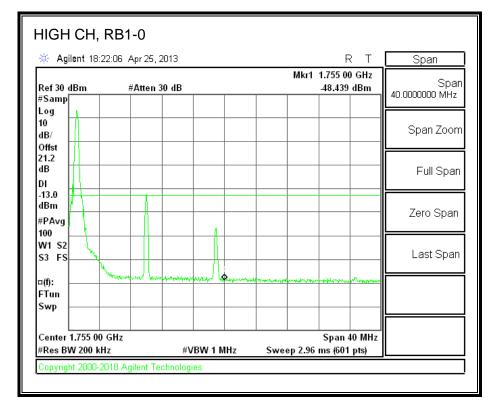


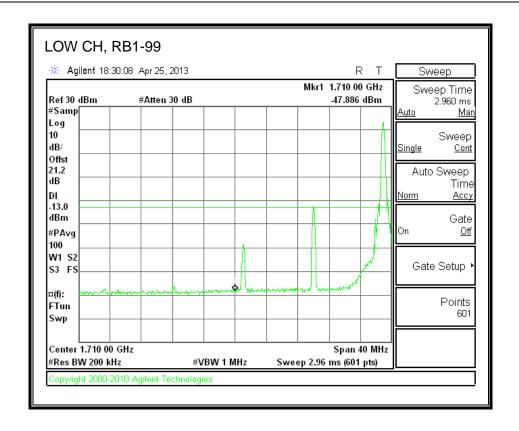


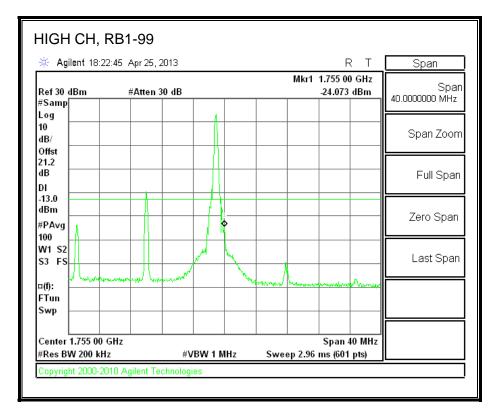


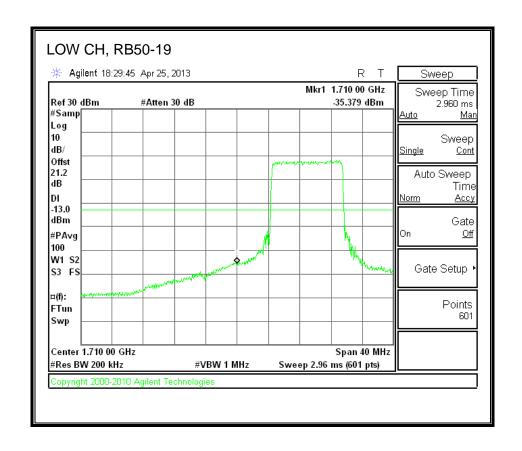
### LTE QPSK Band 4 (20.0 MHz BAND WIDTH)

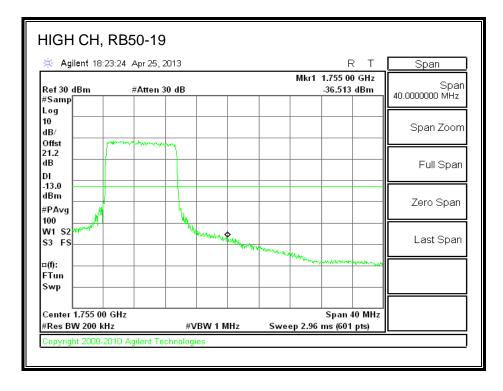


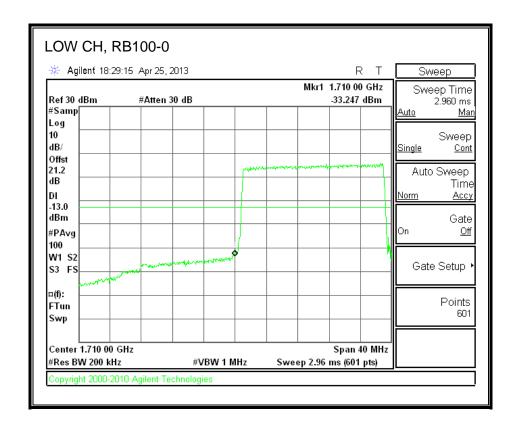


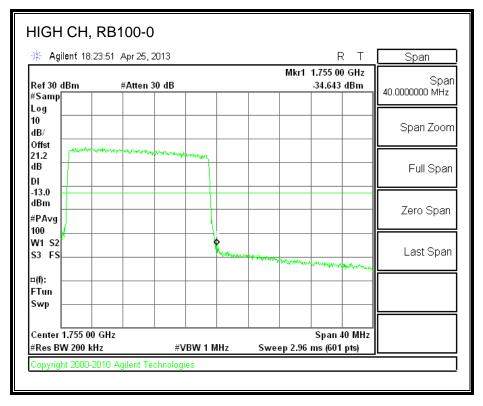




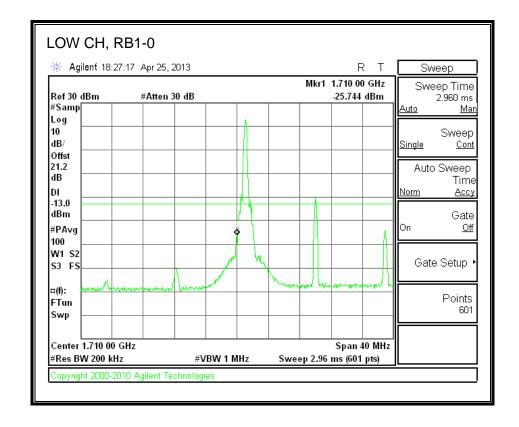


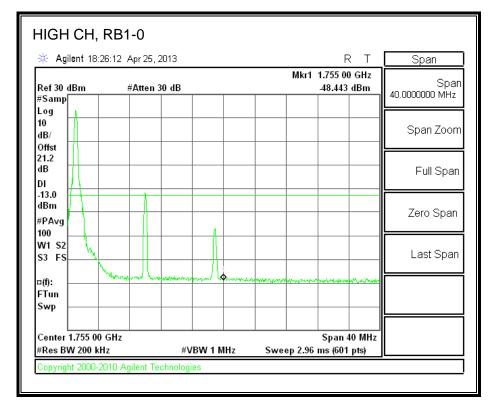




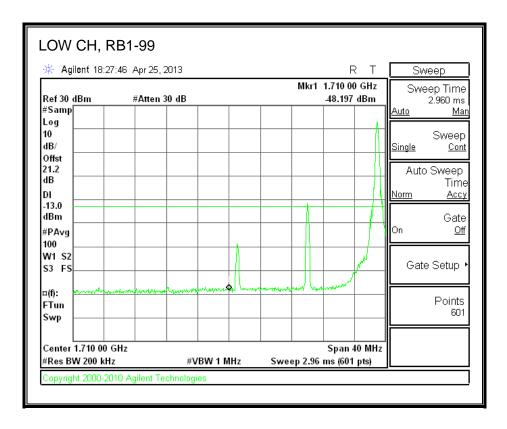


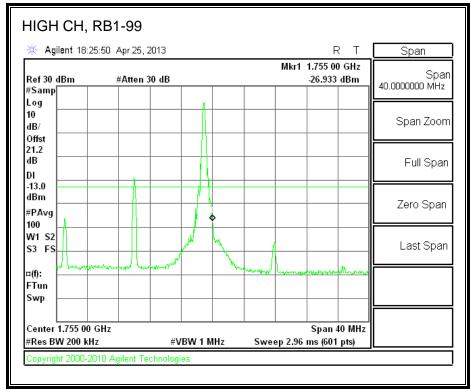
## LTE 16QAM Band 4 (20.0 MHz BAND WIDTH)

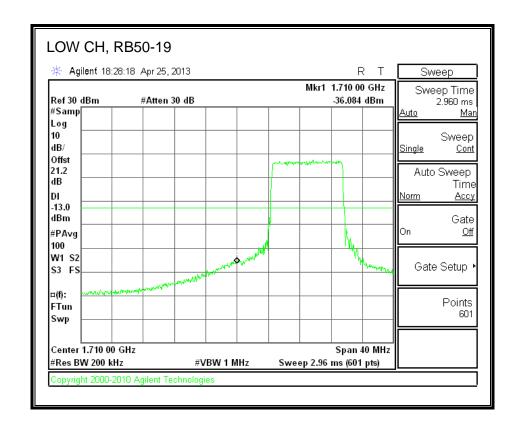


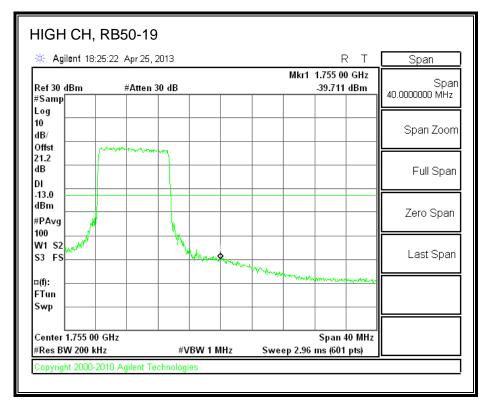


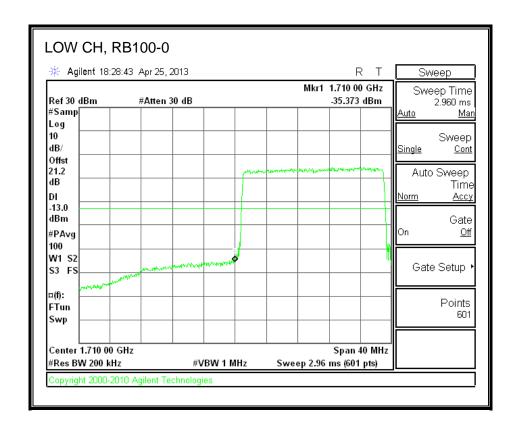
DATE: SEPTEMBER 09, 2013

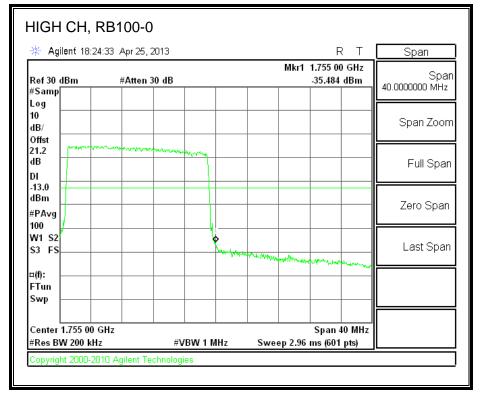






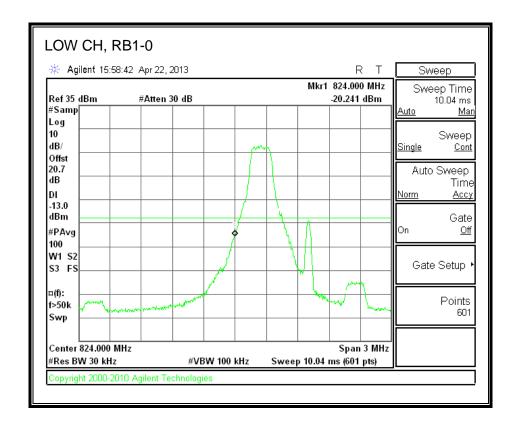


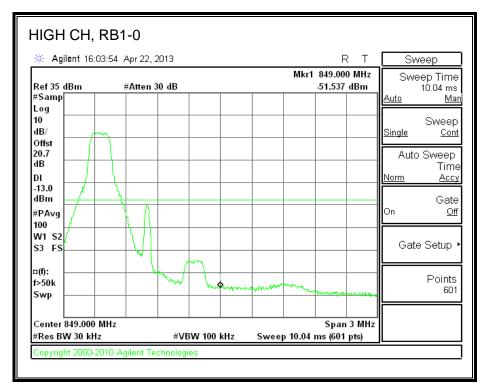




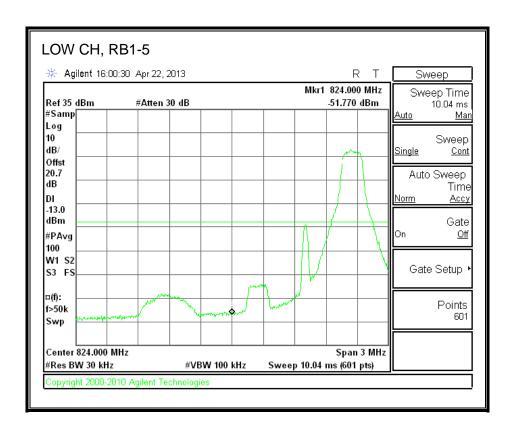
### 8.2.3. LTE BAND 5

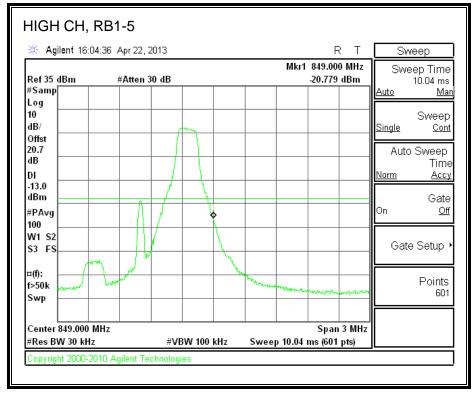
#### 1.4 MHz (QPSK)

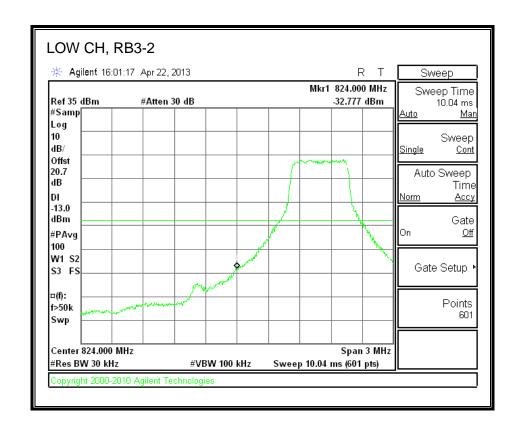


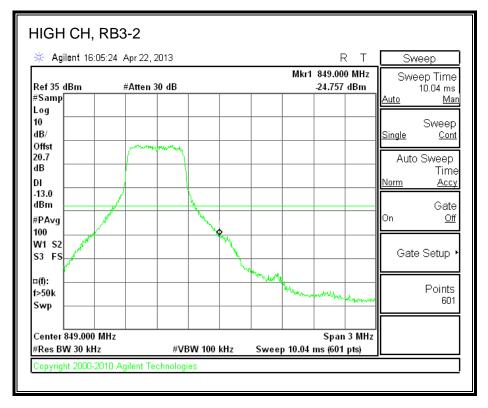


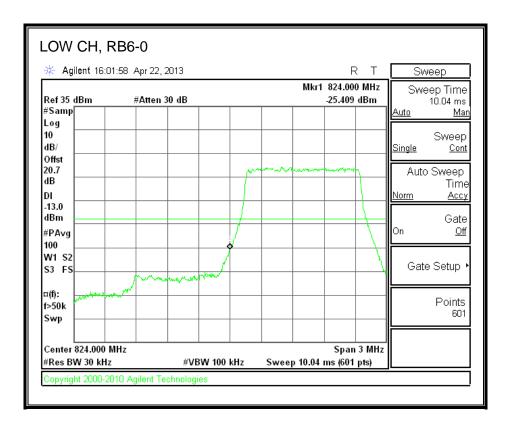
DATE: SEPTEMBER 09, 2013

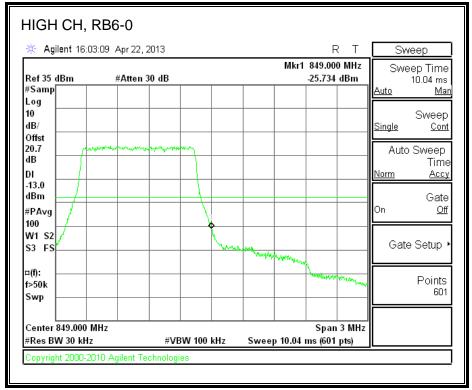




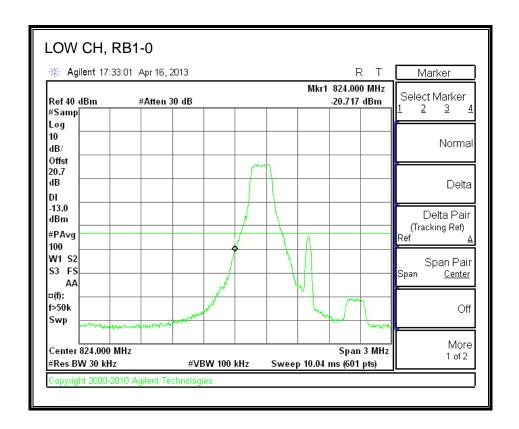


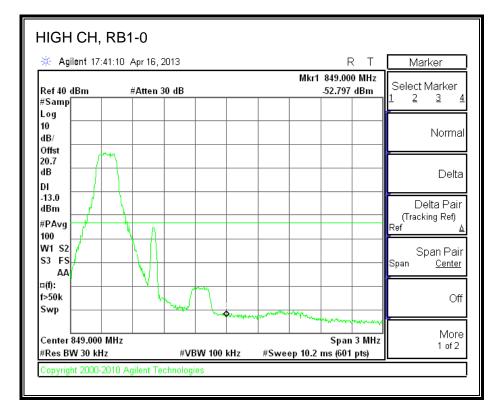




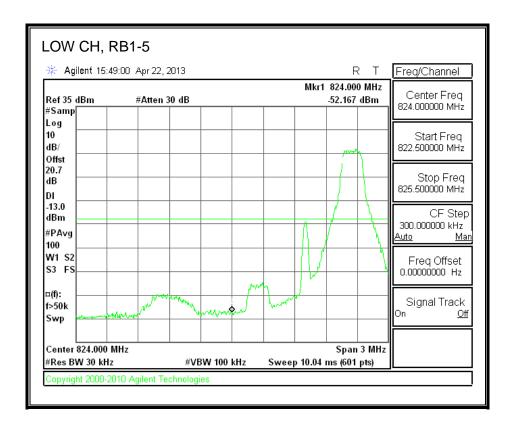


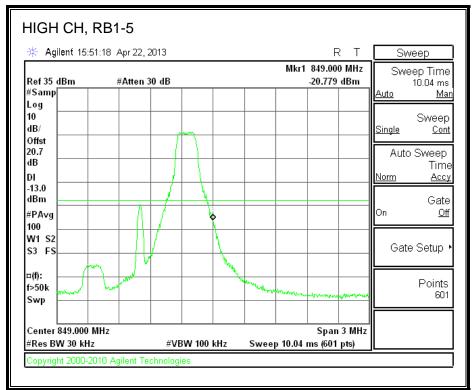
# 1.4 MHz (16QAM)

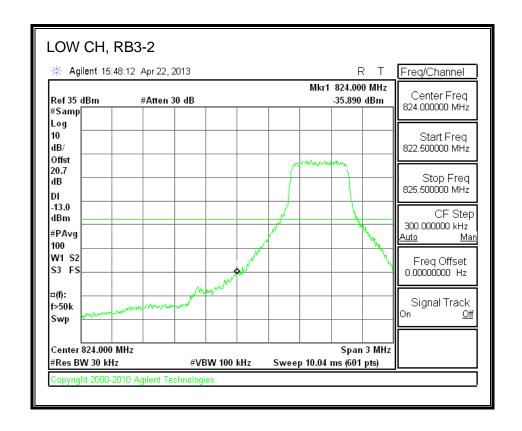


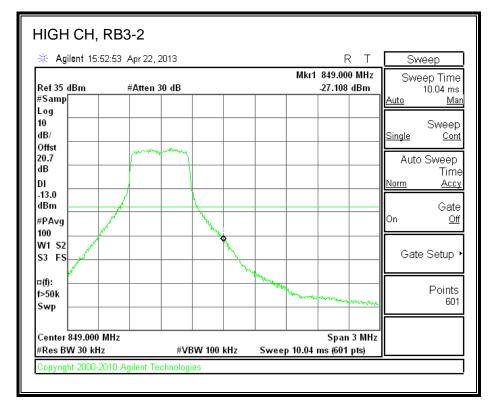


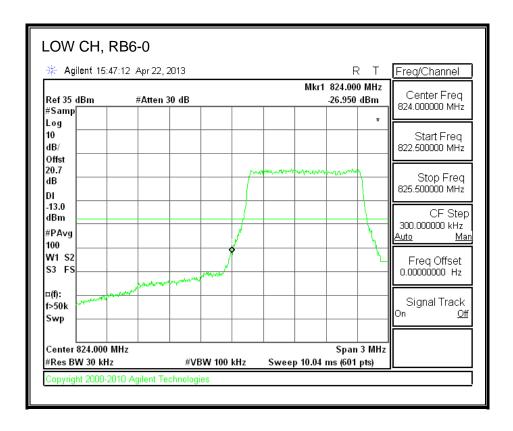
DATE: SEPTEMBER 09, 2013

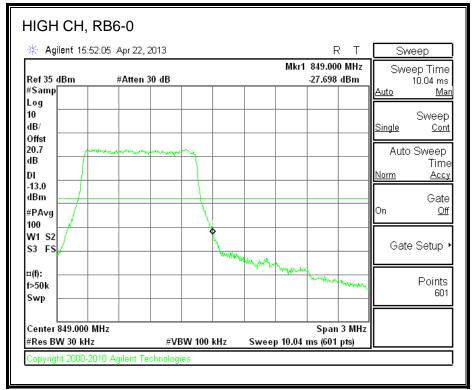




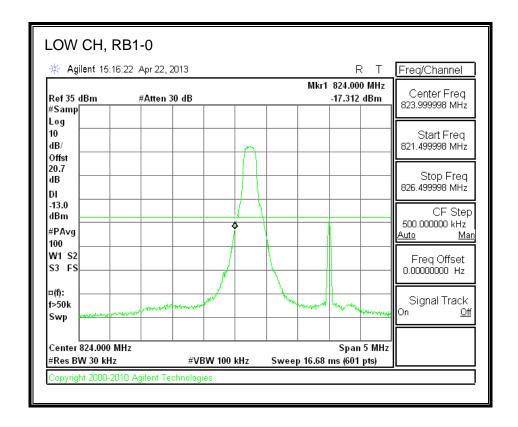


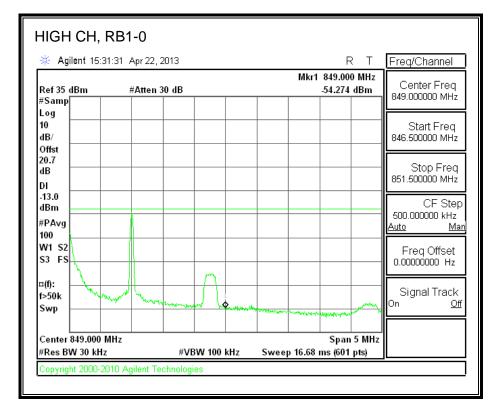




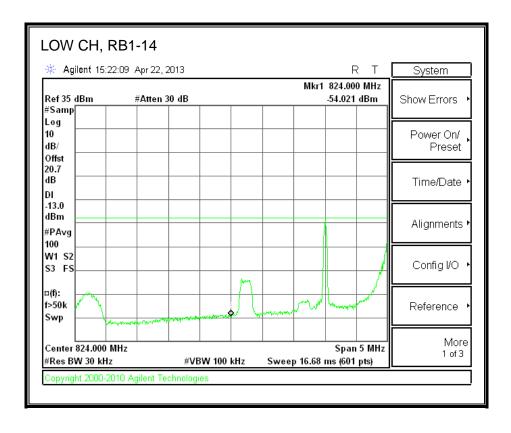


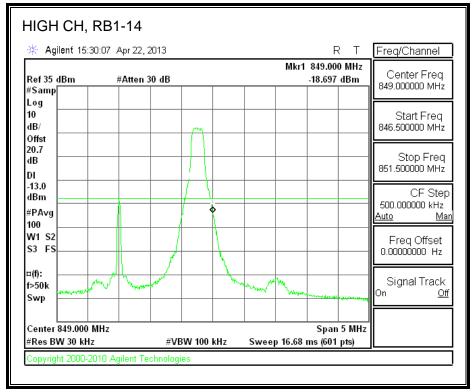
## 3.0 MHz (QPSK)

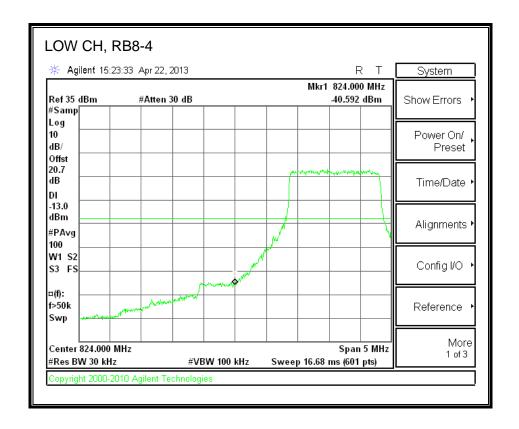


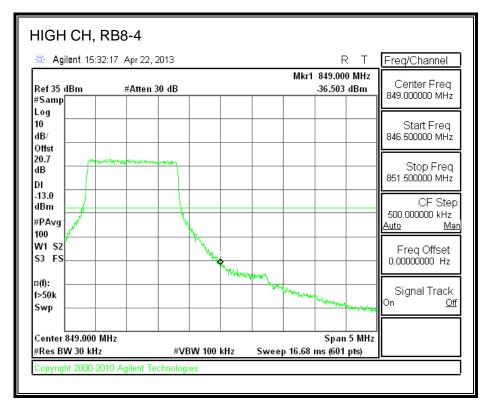


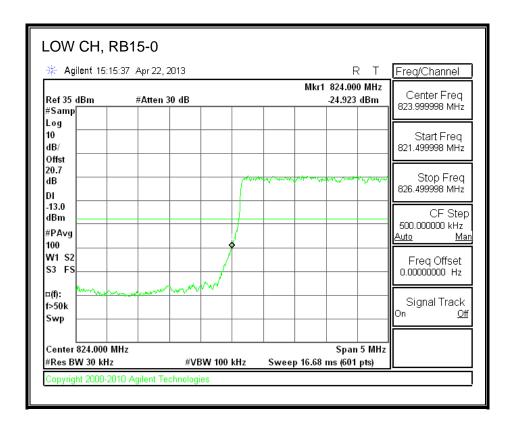
DATE: SEPTEMBER 09, 2013

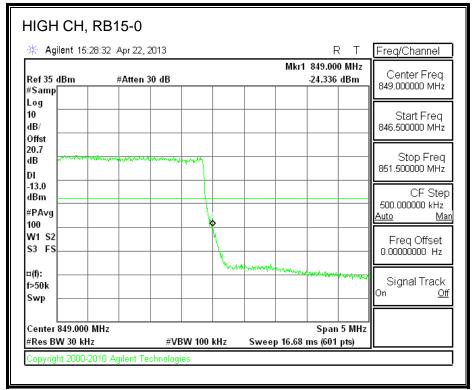




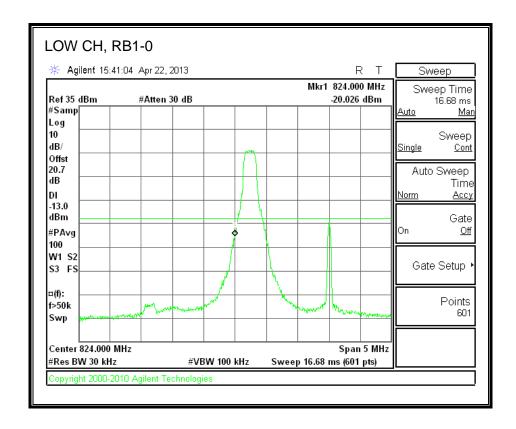


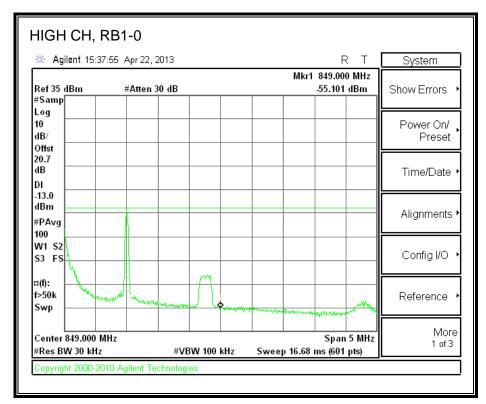




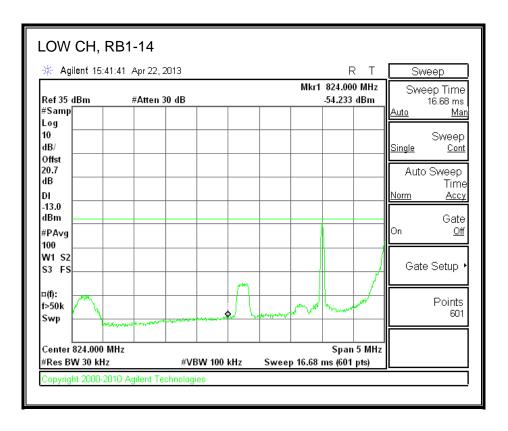


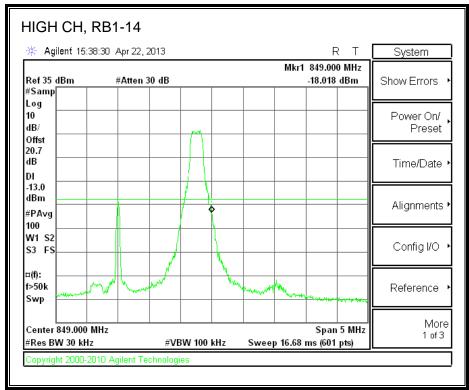
## 3.0 MHz (16QAM)

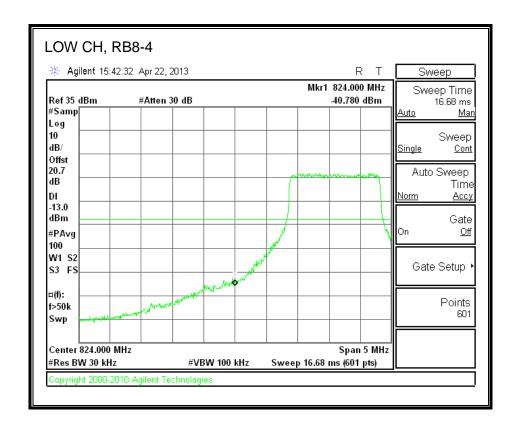


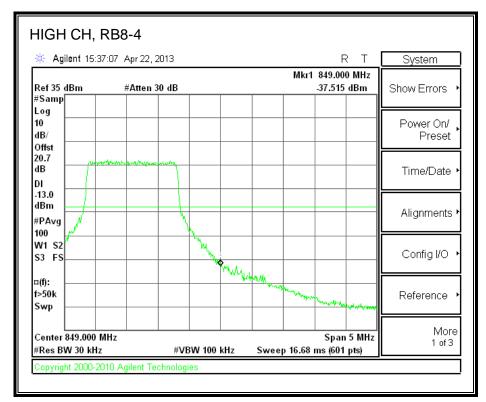


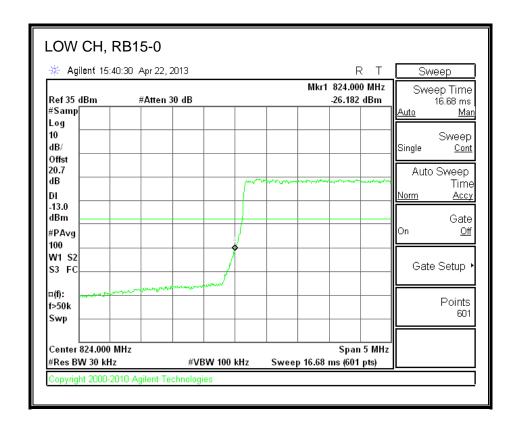
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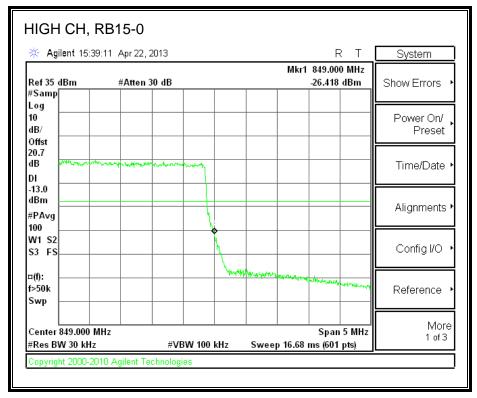




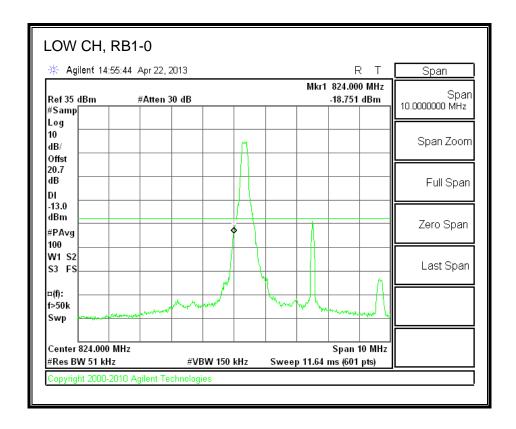


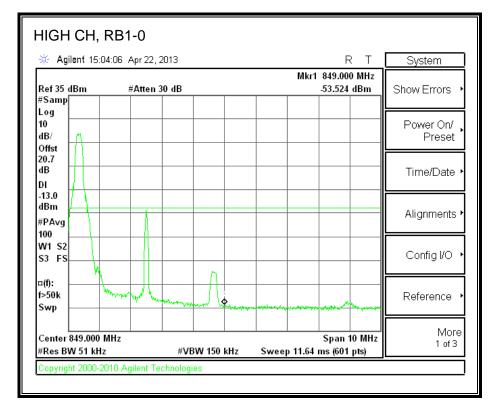




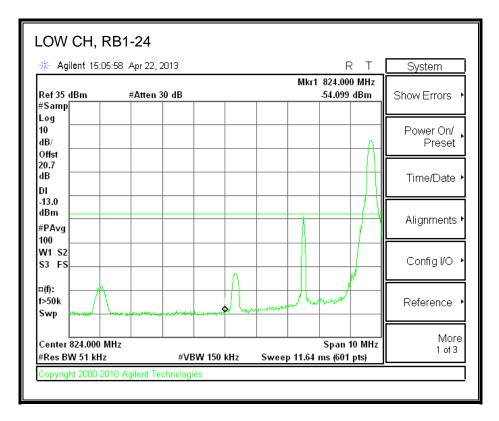


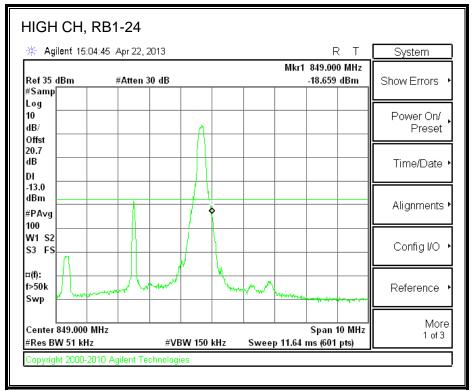
## 5.0 MHz (QPSK)

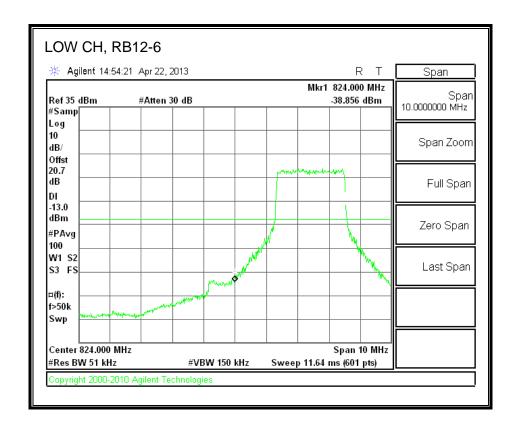


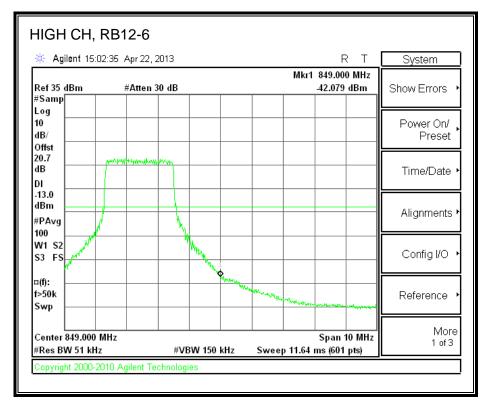


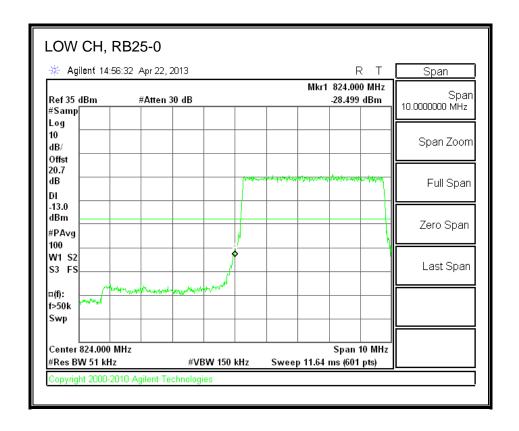
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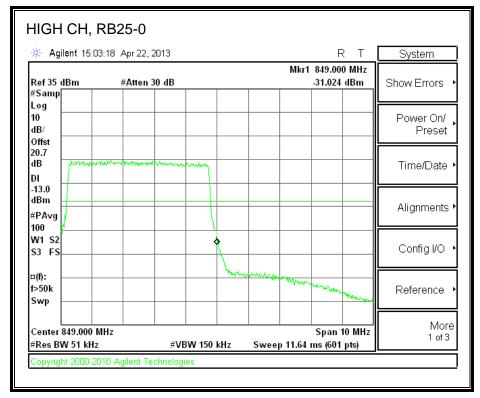




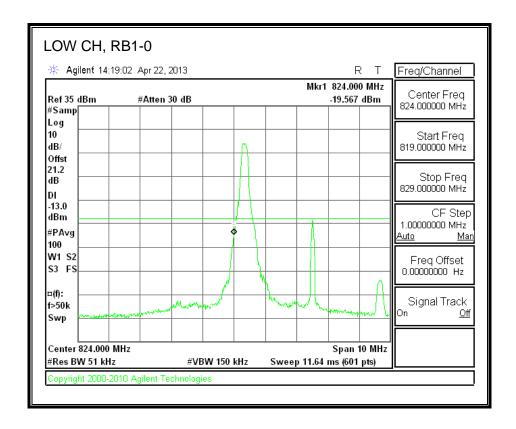


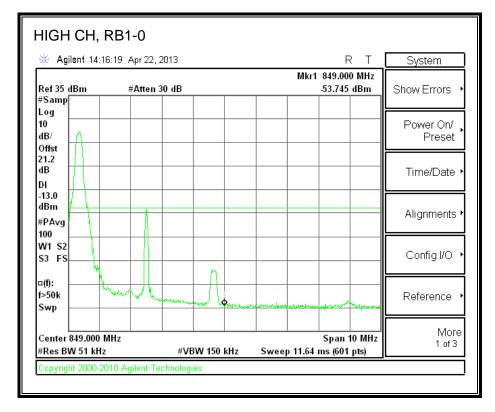




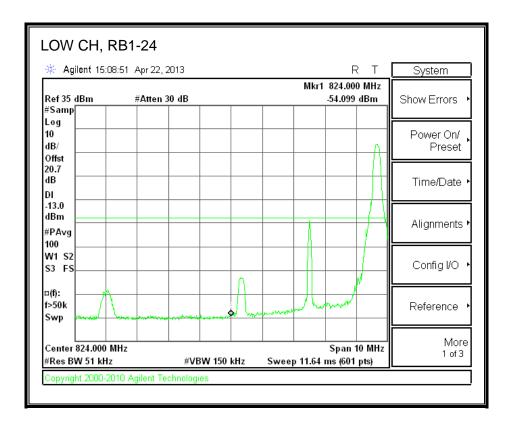


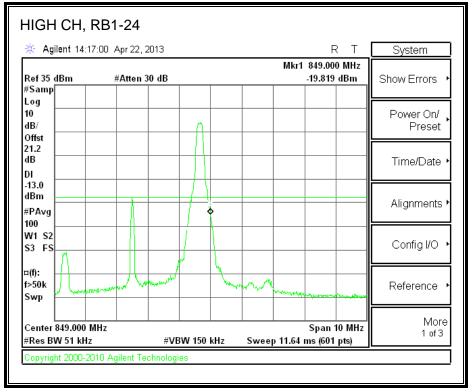
## 5.0 MHz (16QAM)

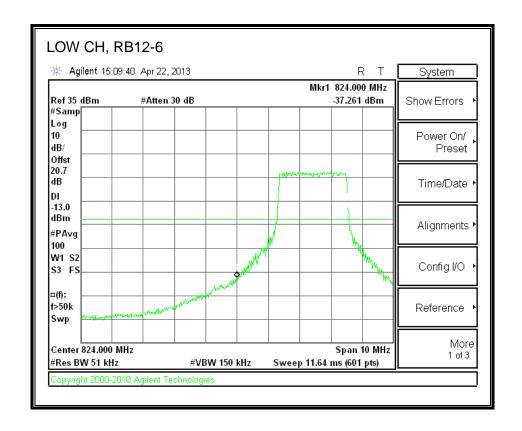


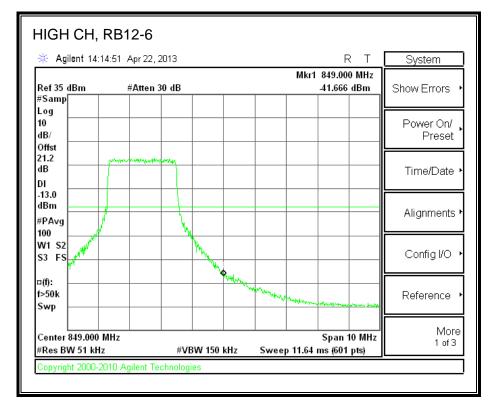


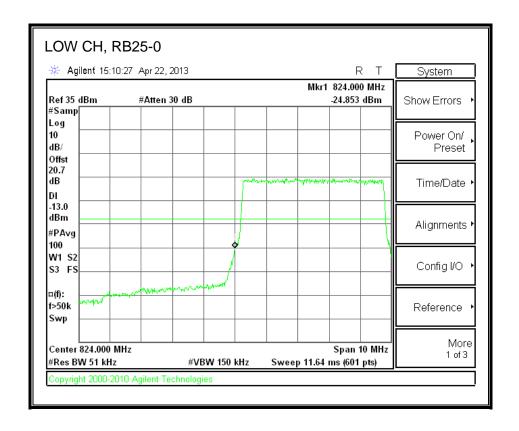
DATE: SEPTEMBER 09, 2013

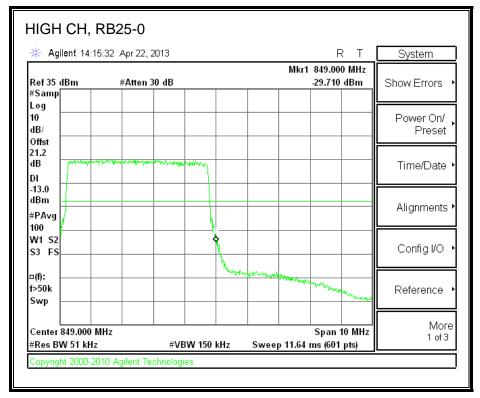




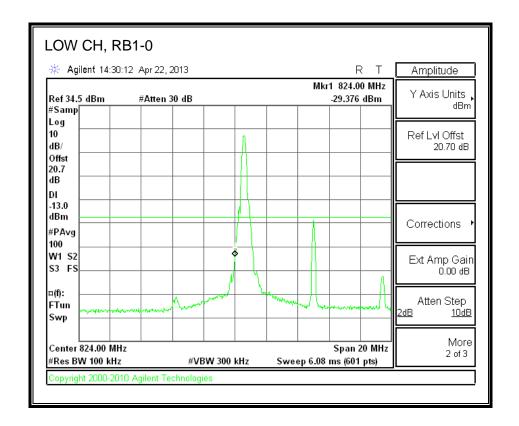


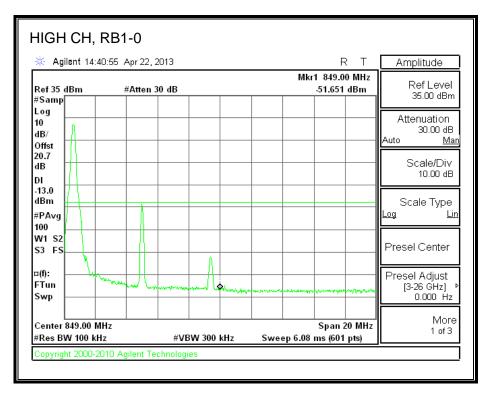




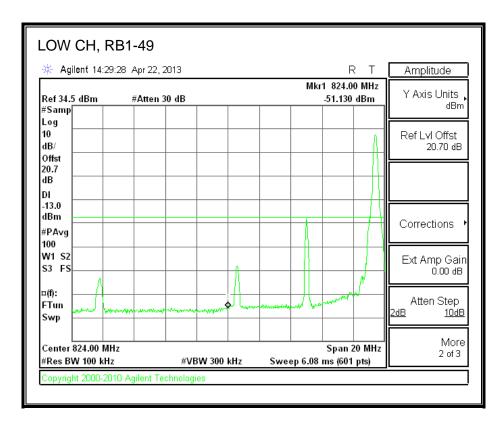


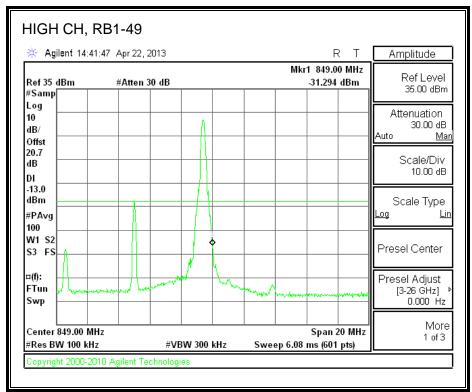
### 10.0 MHz (QPSK)

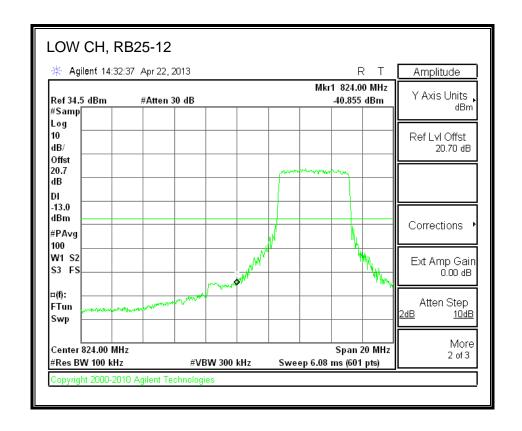


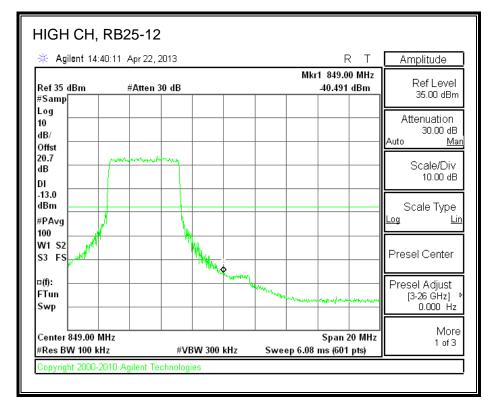


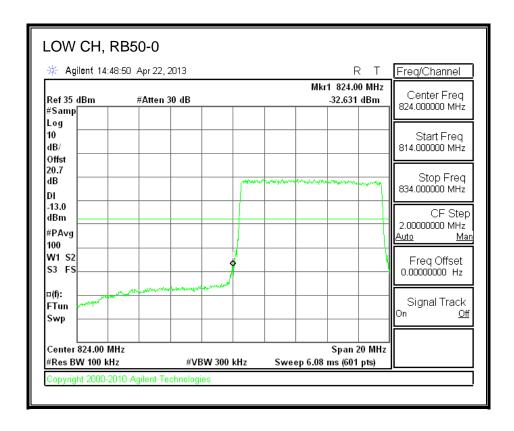
DATE: SEPTEMBER 09, 2013

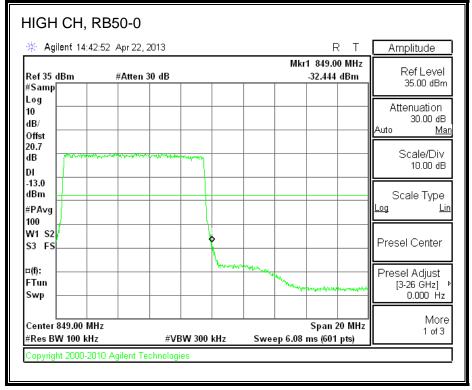




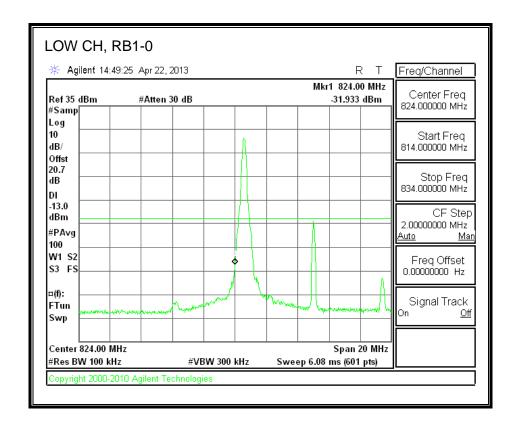


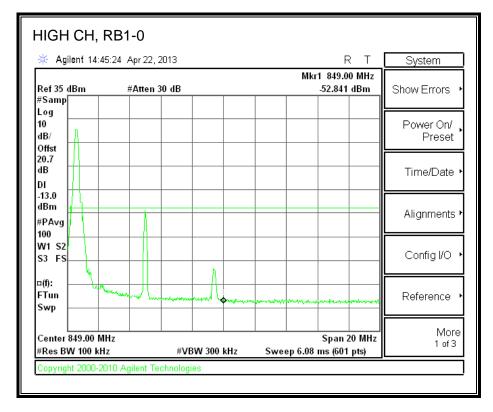




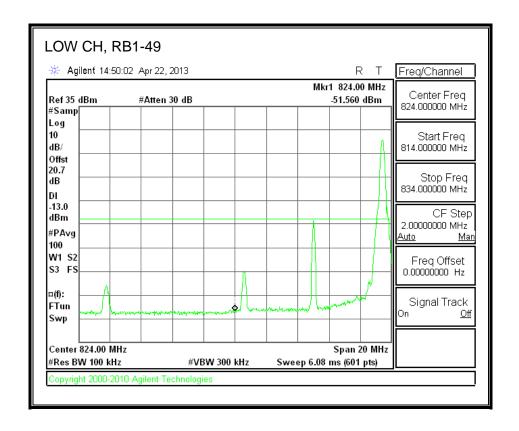


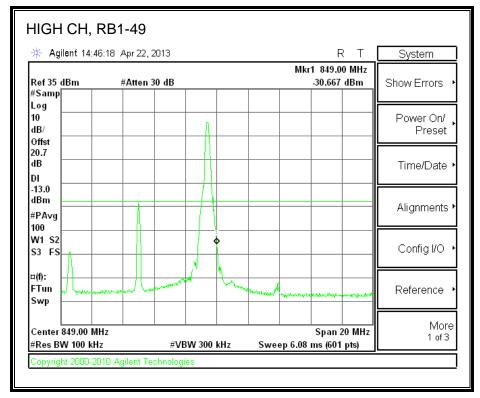
## 10.0 MHz (16QAM)

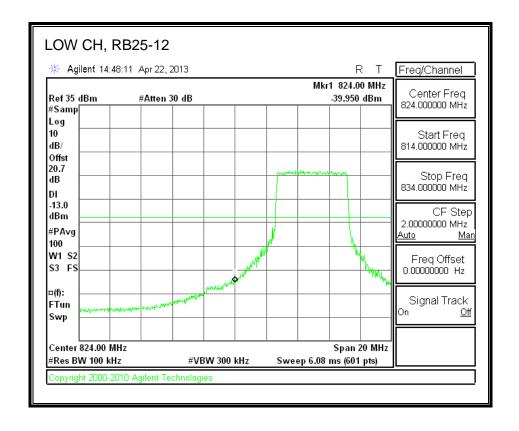


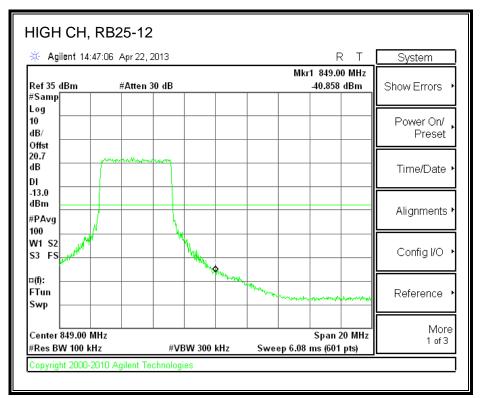


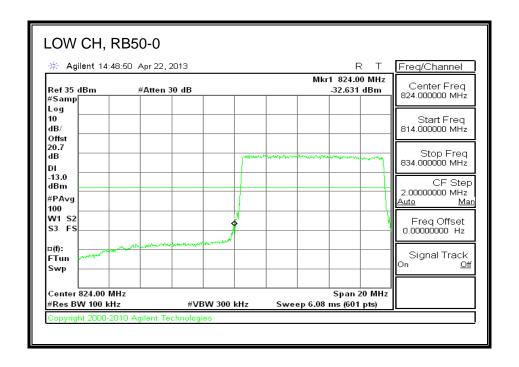
DATE: SEPTEMBER 09, 2013

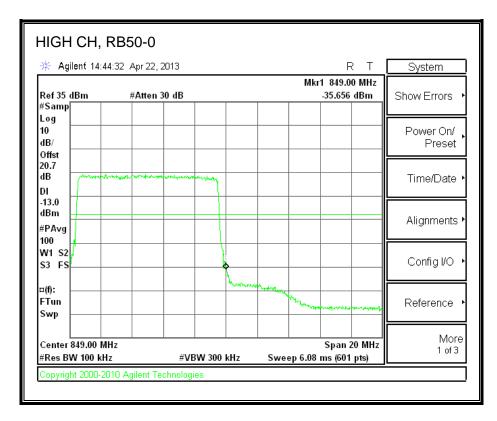






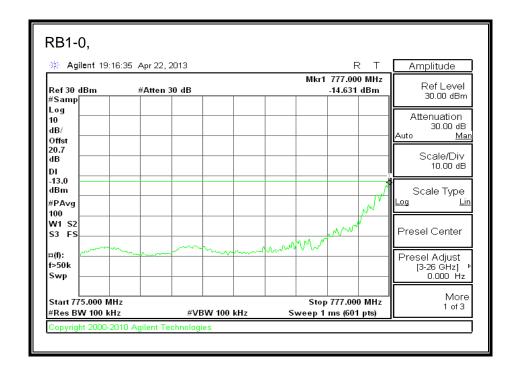


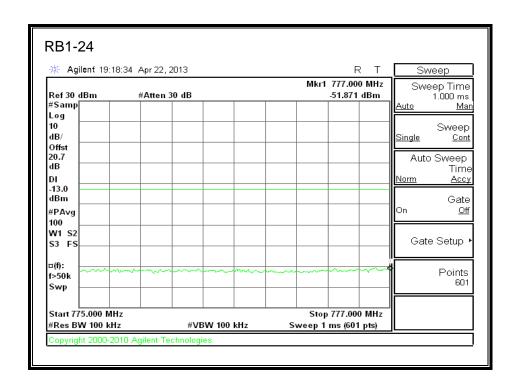




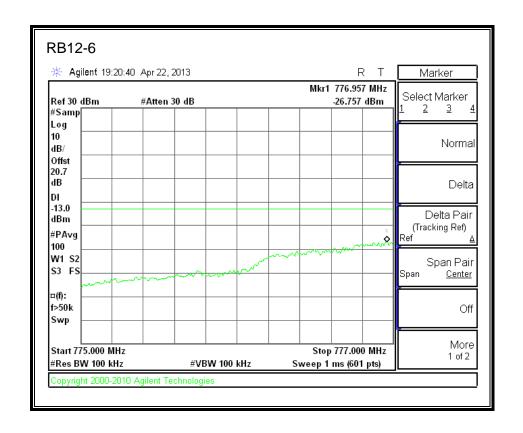
# 8.2.4. LTE BAND 13

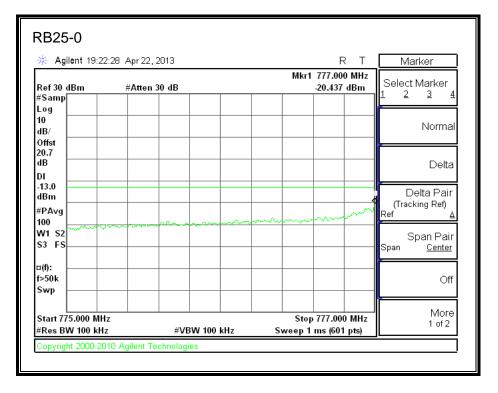
#### LTE QPSK 779.5 MHz Band 13, 775 – 777MHz (5MHz Bandwidth)



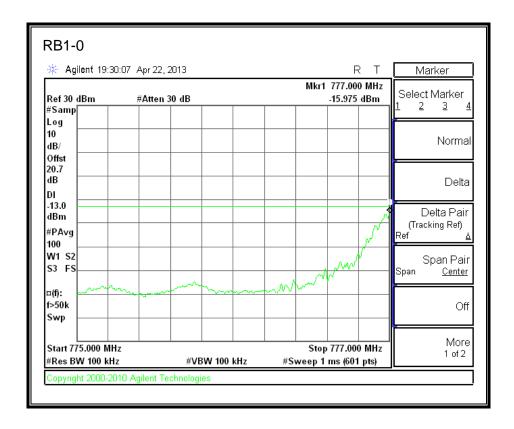


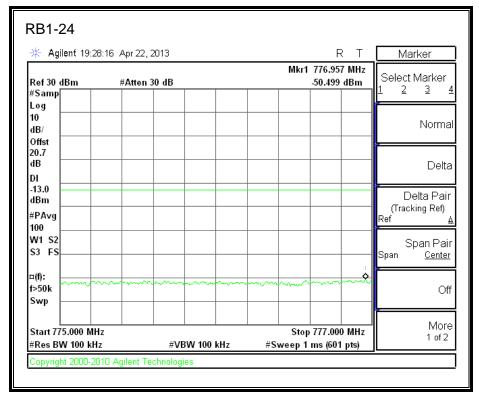
DATE: SEPTEMBER 09, 2013





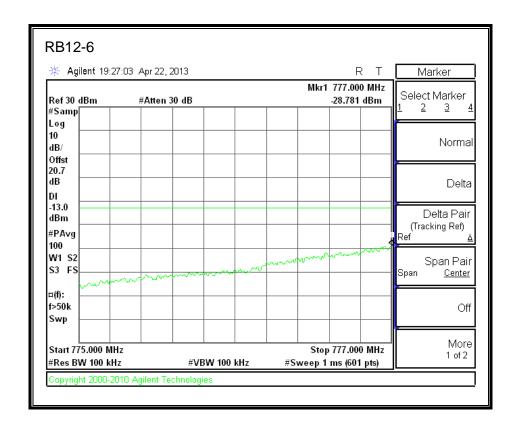
# LTE 16QAM 779.5MHz Band 13, 775 - 777MHz (5MHz Bandwidth)

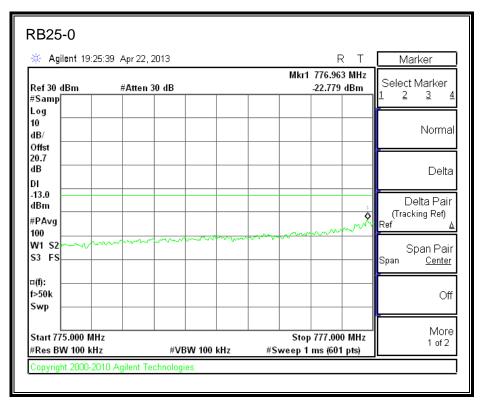




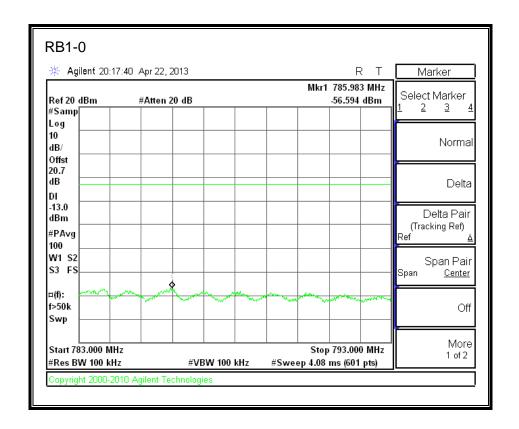
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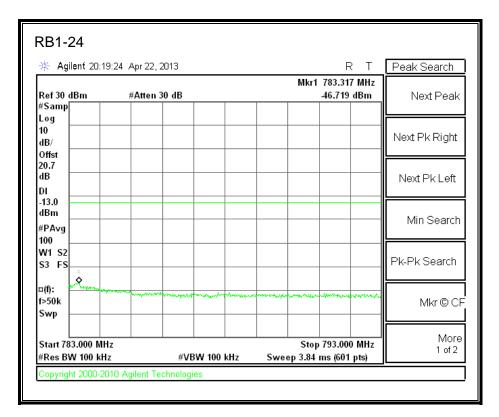
DATE: SEPTEMBER 09, 2013





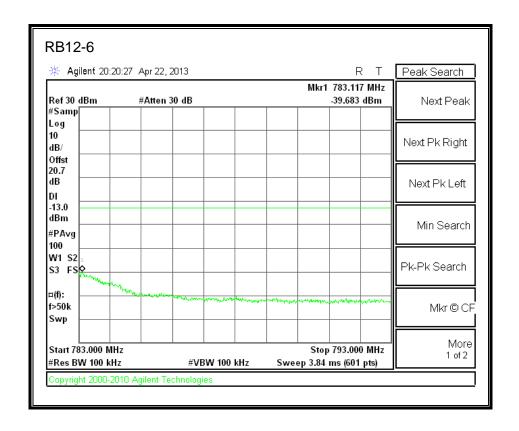
## LTE QPSK 779.5MHz Band 13, 783 - 793MHz (5MHz Bandwidth)

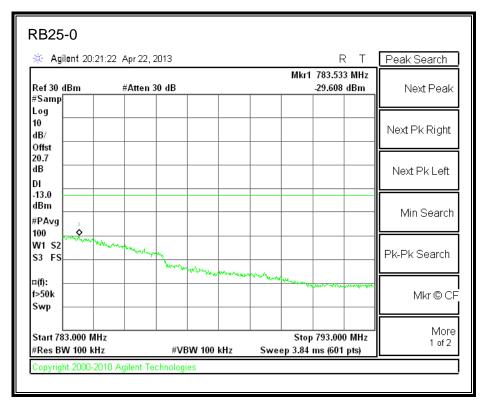




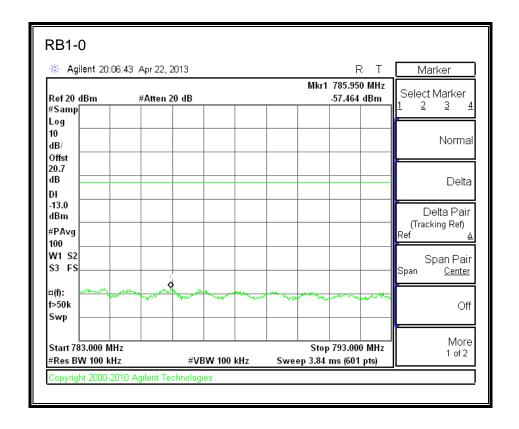
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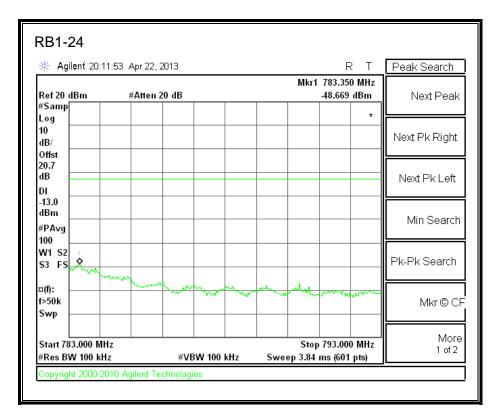
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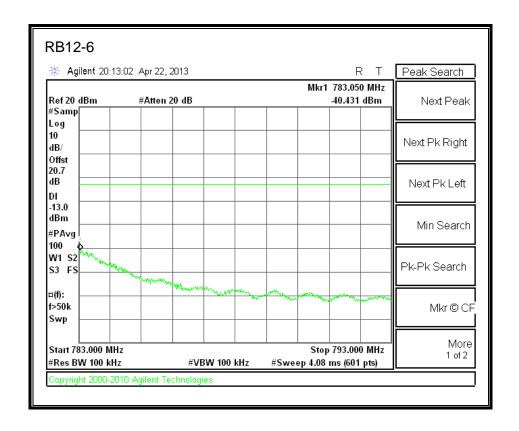


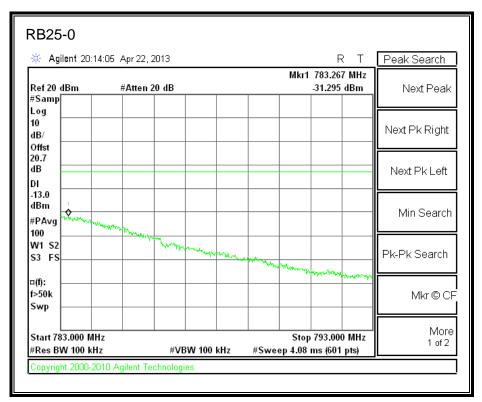
#### LTE 16QAM 779.5MHz Band 13, 783 - 793MHz (5MHz Bandwidth)



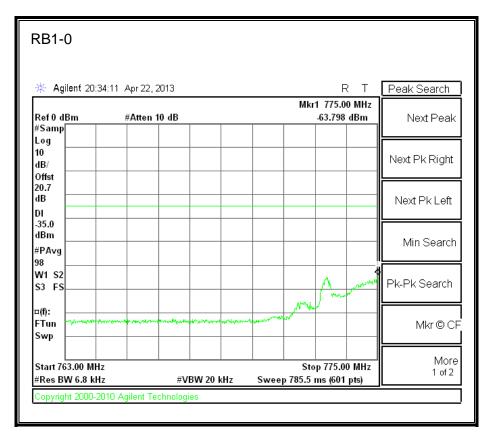


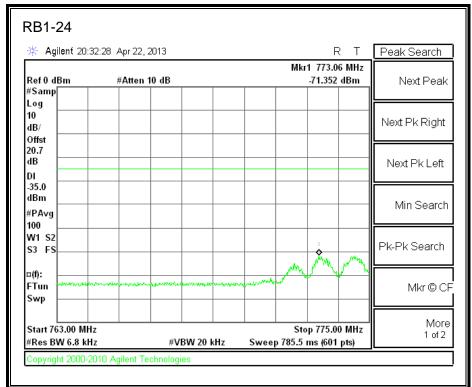
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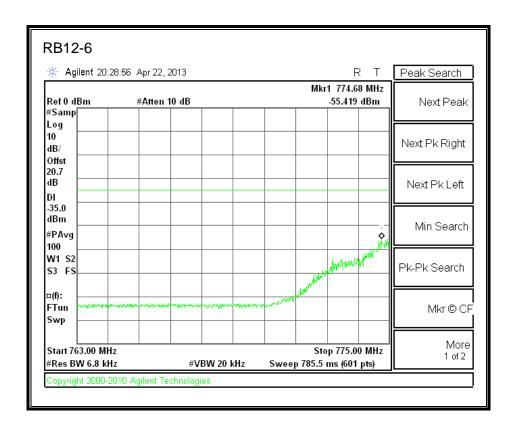
# LTE QPSK 779.5MHz Band 13, 763 - 775MHz (5MHz Bandwidth)

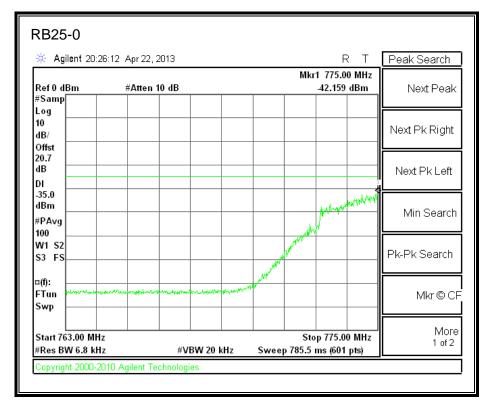




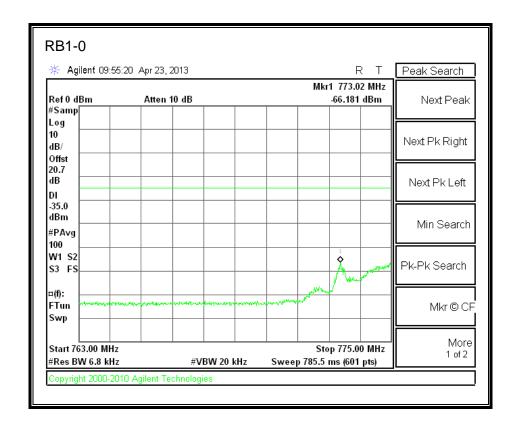
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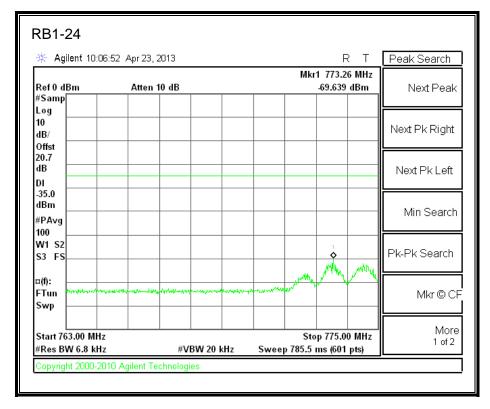


## LTE 16QAM 779.5MHz Band 13, 763-775MHz (5MHz Bandwidth)

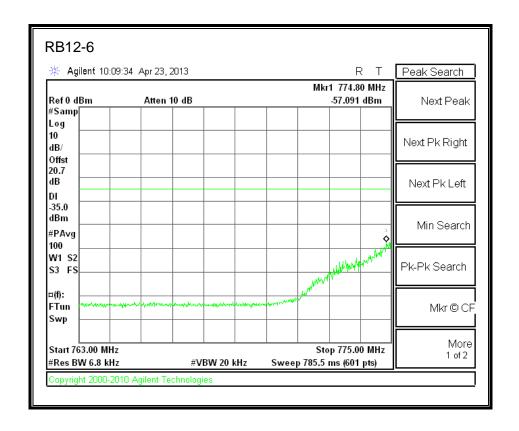


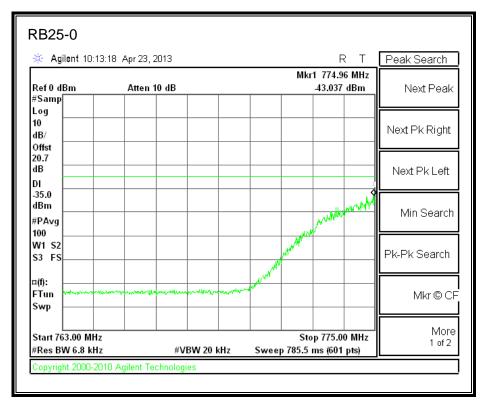
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FCC ID: BCG-E2642A

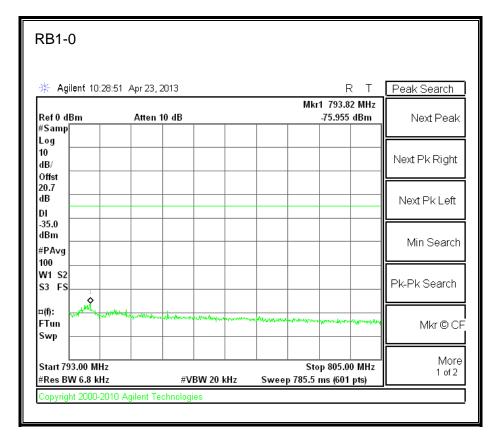


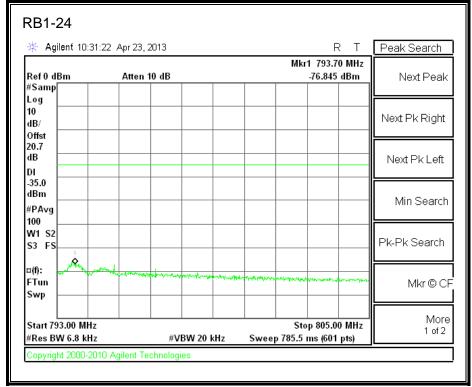
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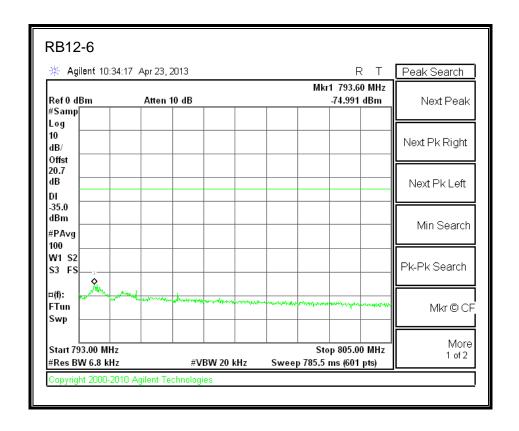
### LTE QPSK 779.5MHz Band 13, 793 - 805MHz (5MHz Bandwidth)

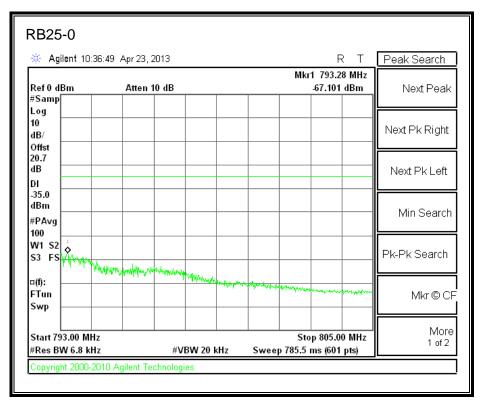




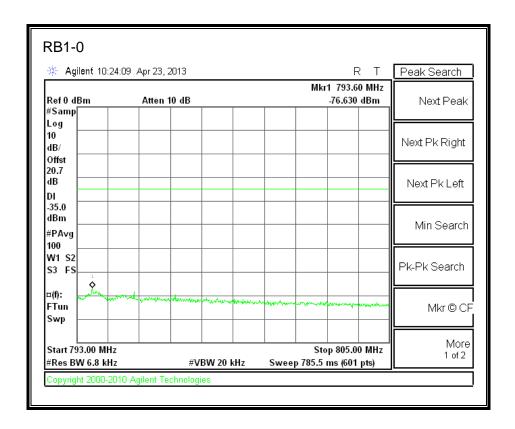
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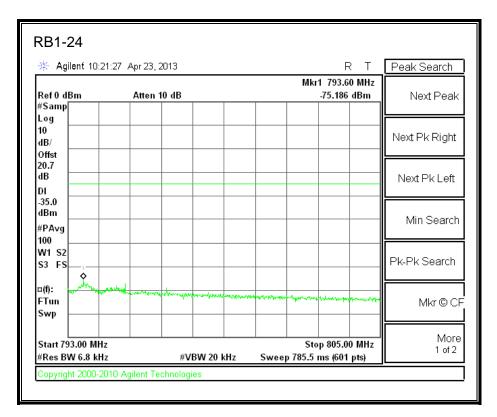
DATE: SEPTEMBER 09, 2013





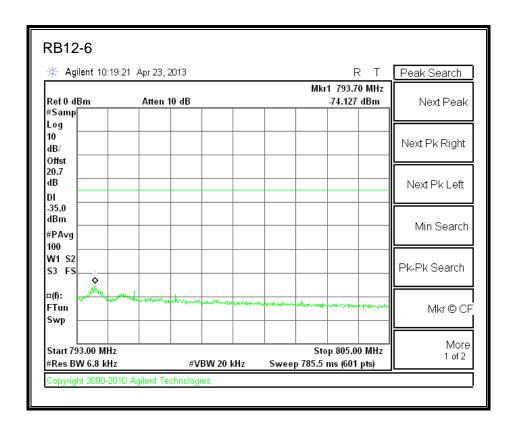
#### LTE 16QAM 779.5MHz Band 13, 793 - 805MHz (5MHz Bandwidth)

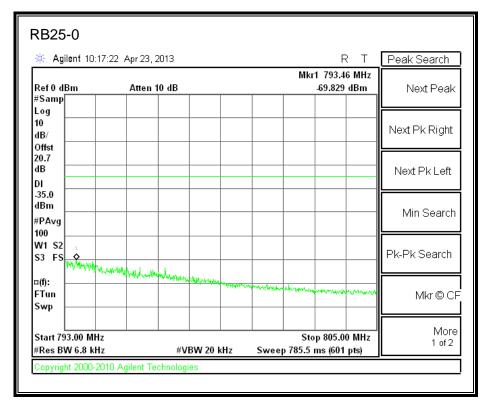




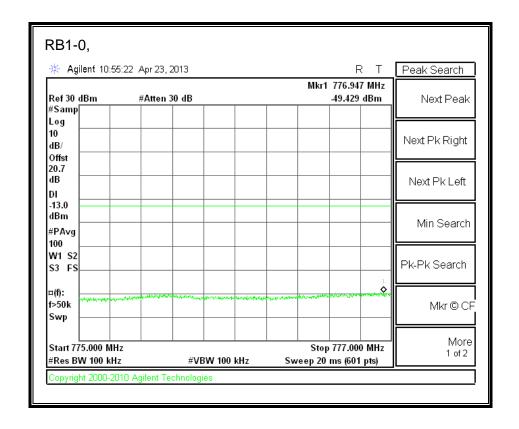
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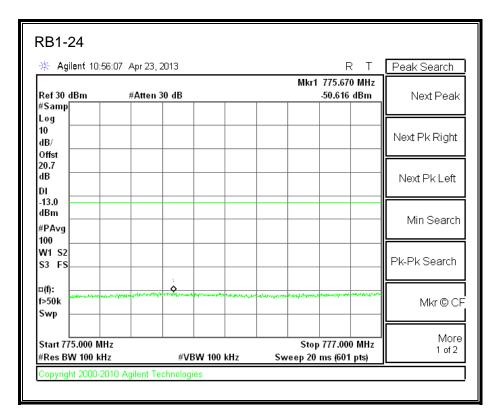
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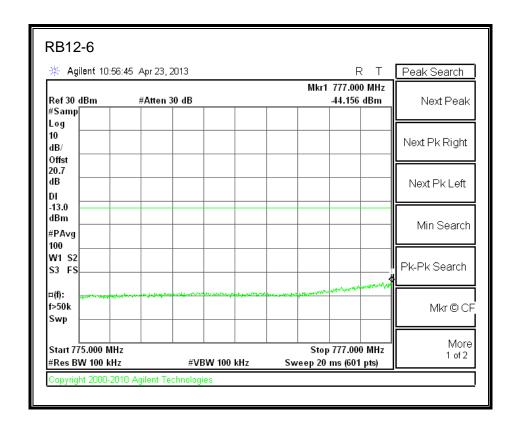
## LTE QPSK 782MHz Band 13, 775 - 777MHz (5MHz Bandwidth)

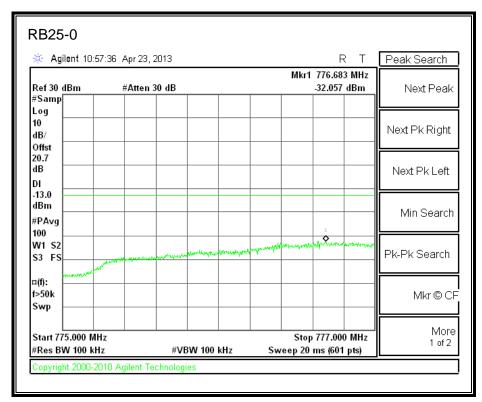




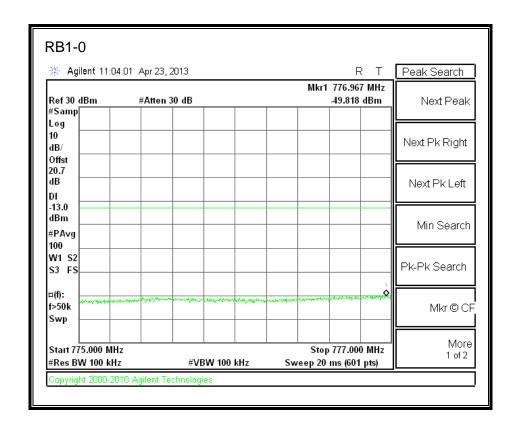
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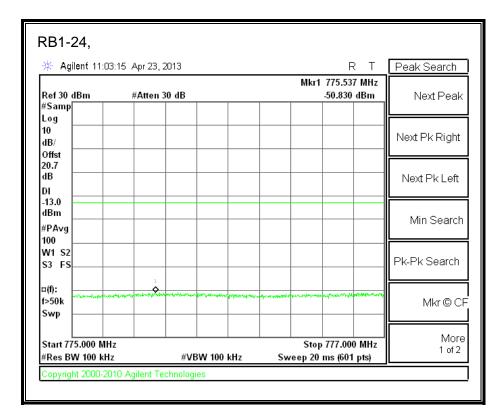
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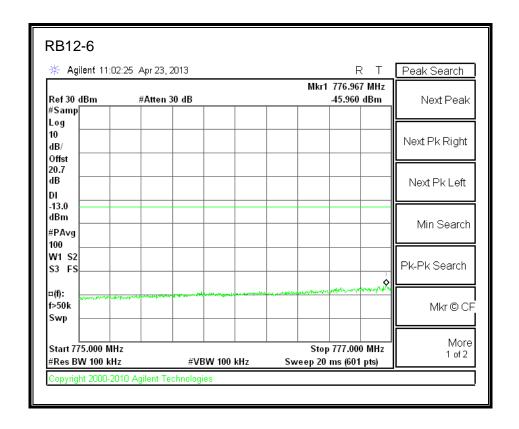
### LTE 16QAM 782MHz Band 13, 775 - 777MHz (5MHz Bandwidth)

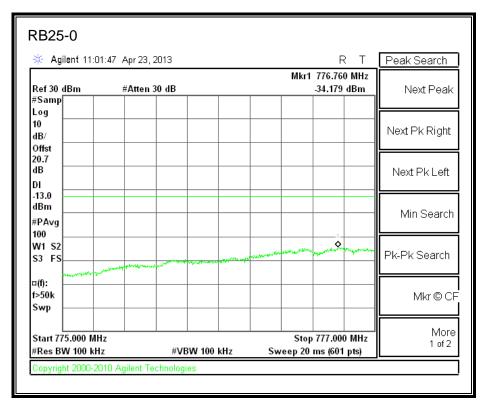




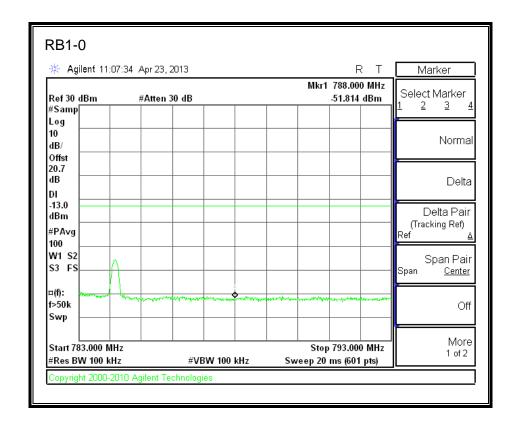
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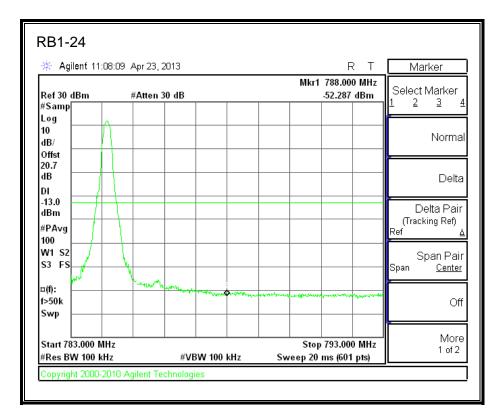
DATE: SEPTEMBER 09, 2013



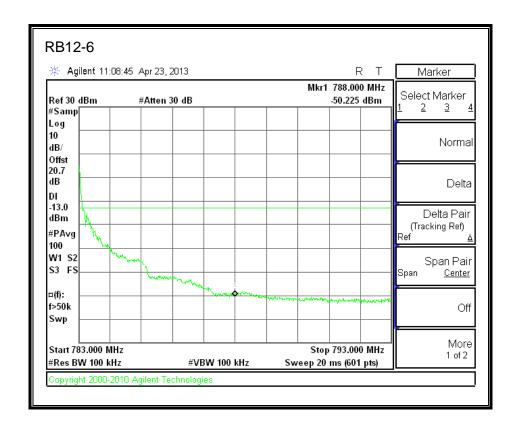


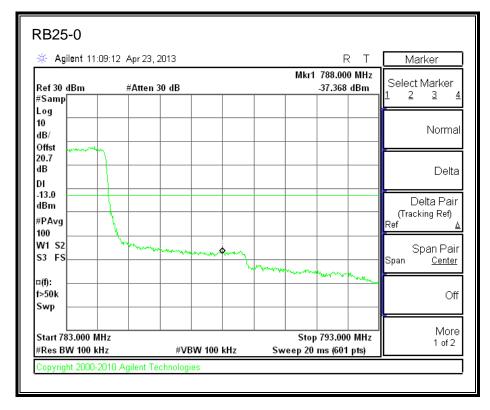
#### LTE QPSK 782MHz Band 13, 783 - 793MHz (5MHz Bandwidth)



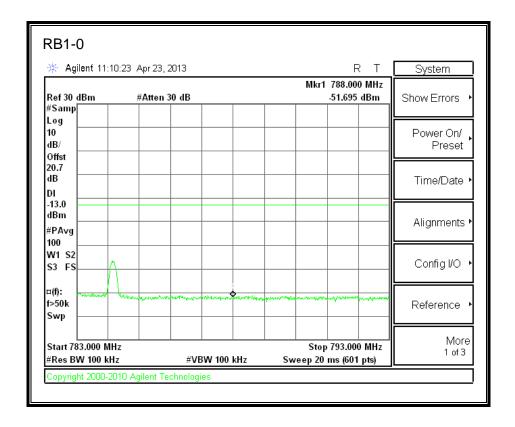


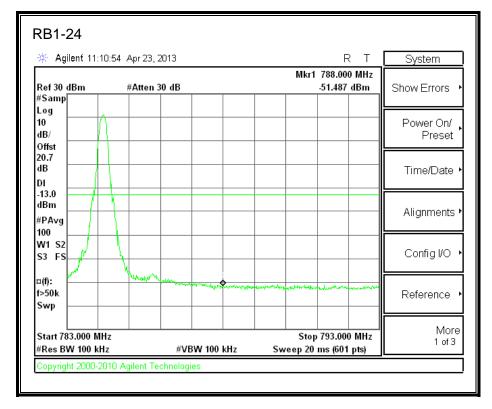
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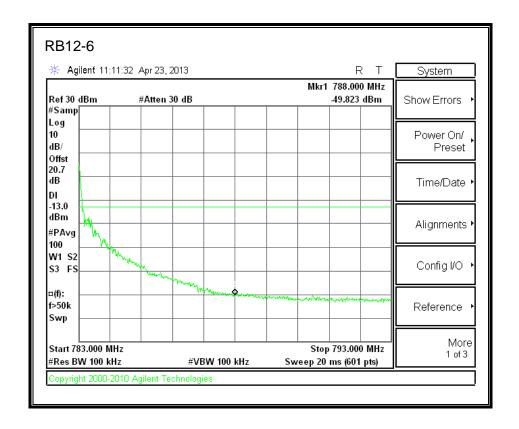
## LTE 16QAM 782MHz Band 13, 783 - 793MHz (5MHz Bandwidth)

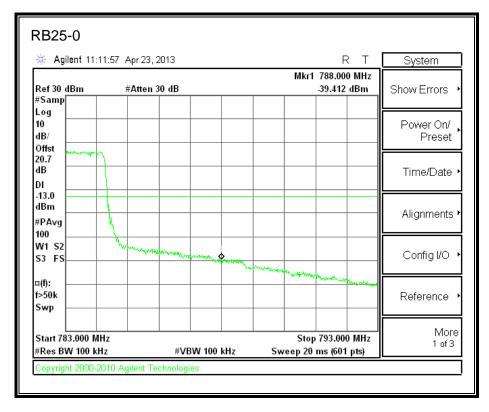




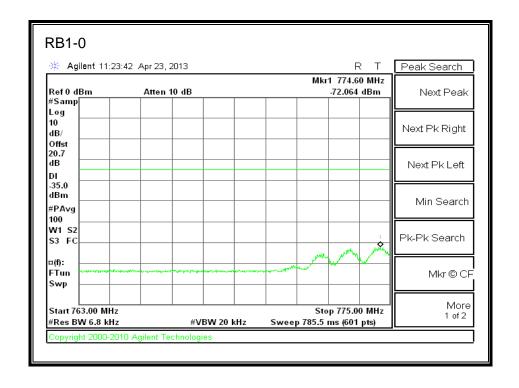
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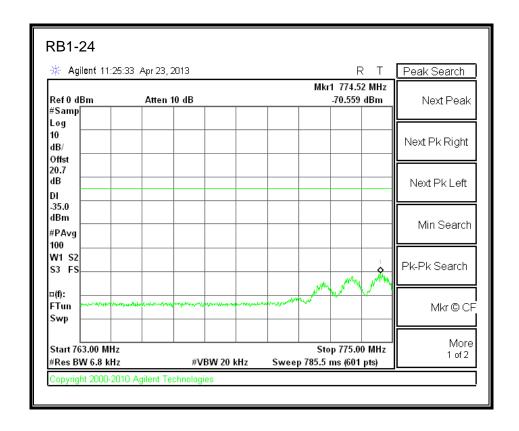
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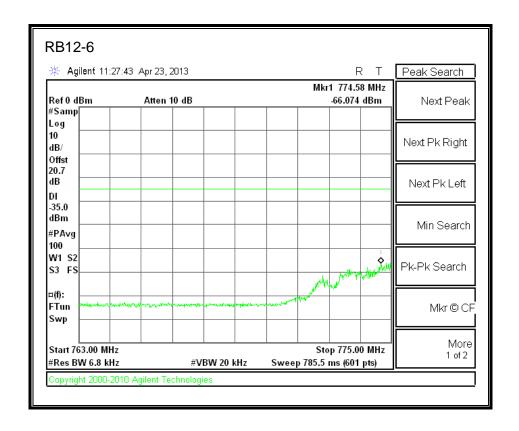


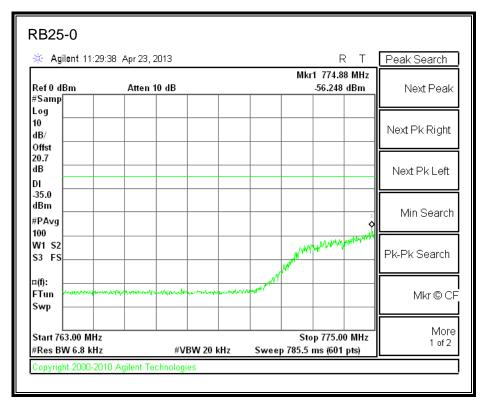
## LTE QPSK 782MHz Band 13, 763 - 775MHz (5MHz Bandwidth)



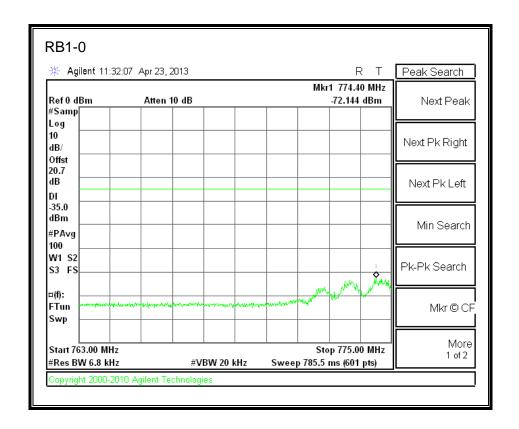


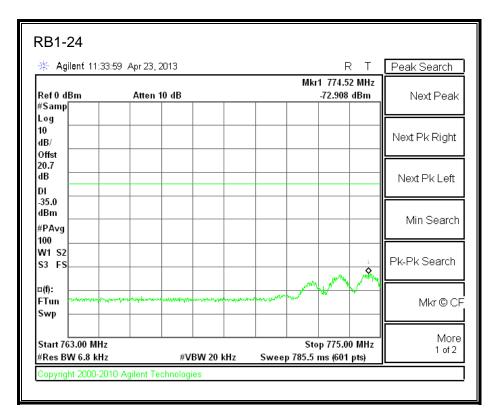
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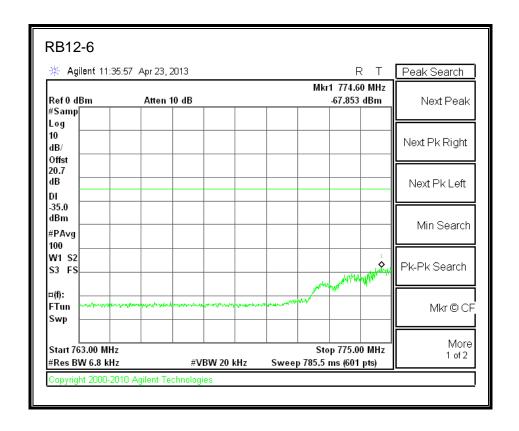
### LTE 16QAM 782MHz Band 13, 763-775MHz (5MHz Bandwidth)

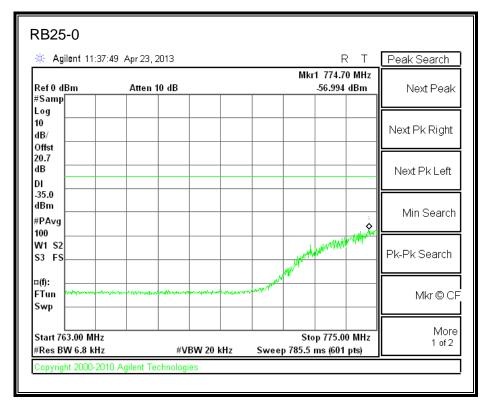




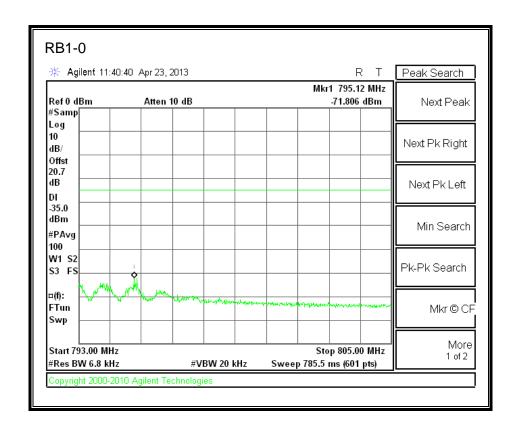
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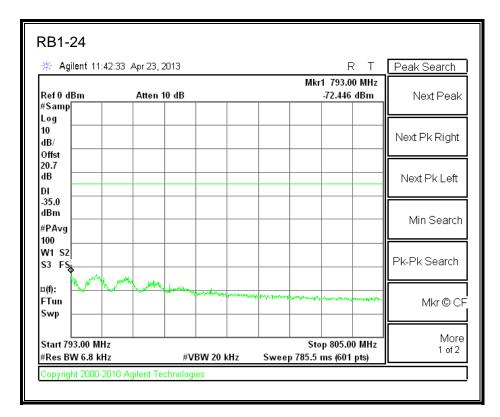
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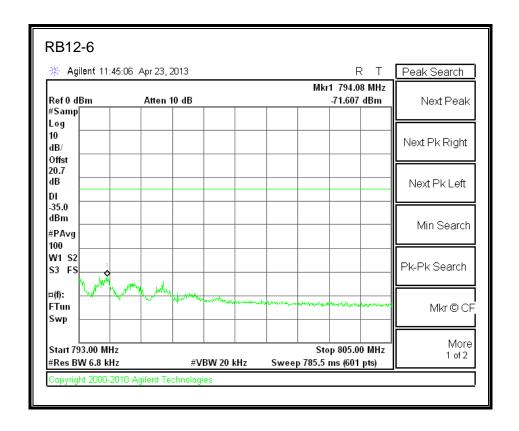


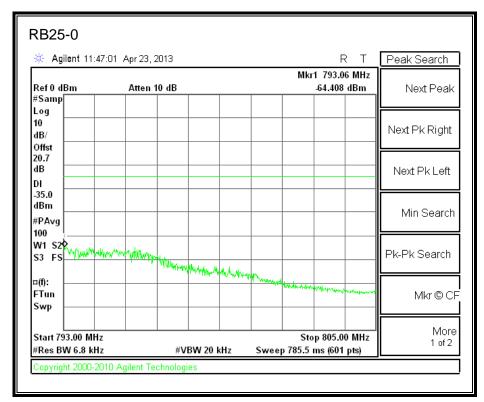
### LTE QPSK 782MHz Band 13, 793 - 805MHz (5MHz Bandwidth)



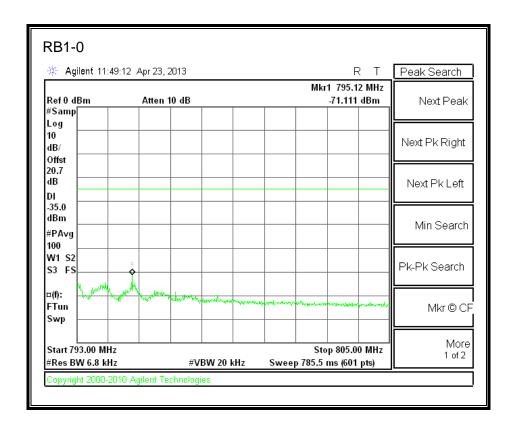


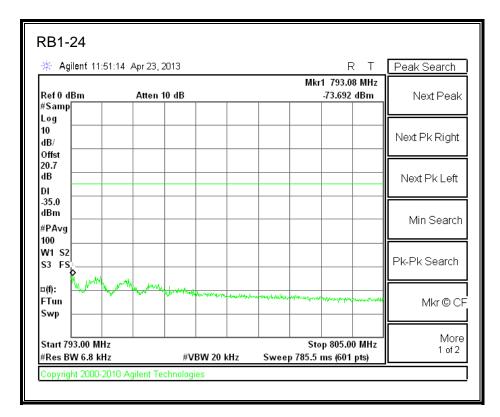
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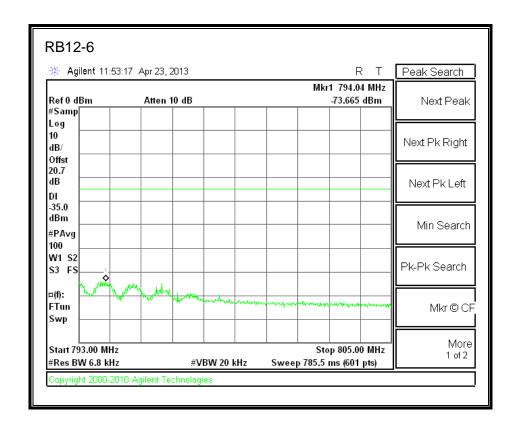
#### LTE 16QAM 7825MhZ Band 13, 793 - 805MHz (5MHz Bandwidth)

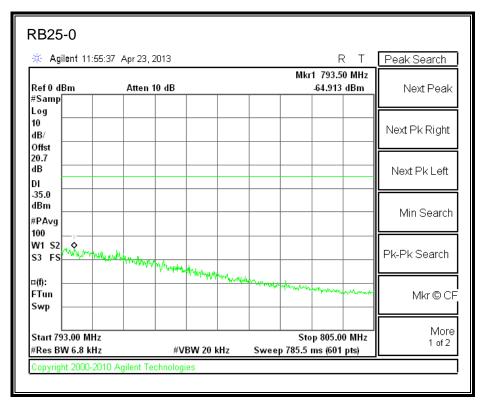




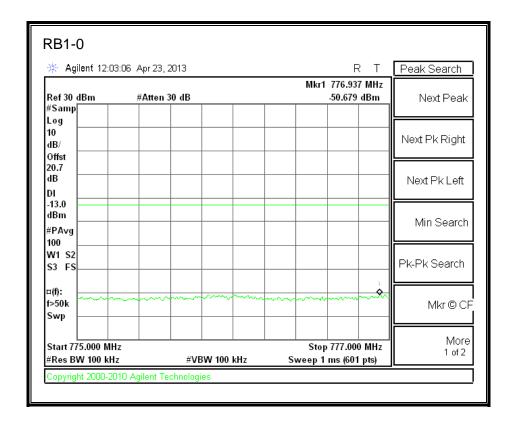
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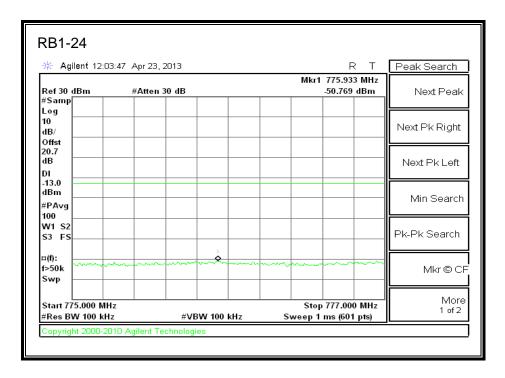
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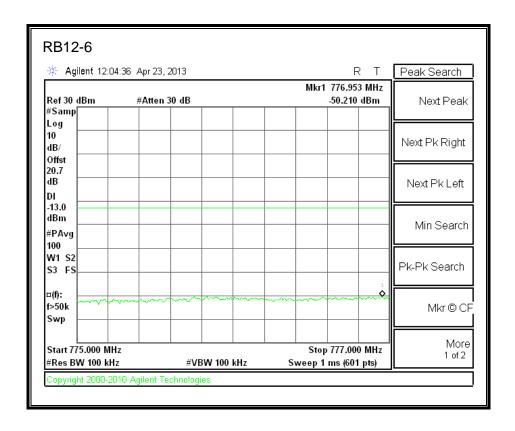
### LTE QPSK 784.5 MHz Band 13, 775 - 777MHz (5MHz Bandwidth)

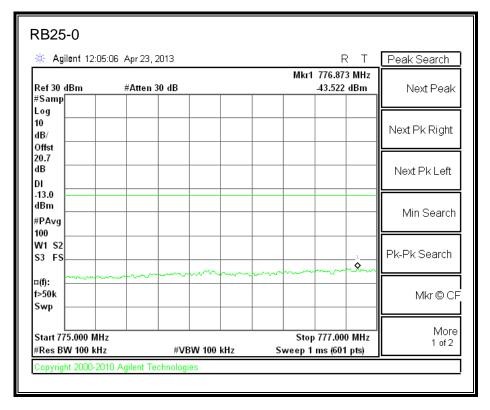




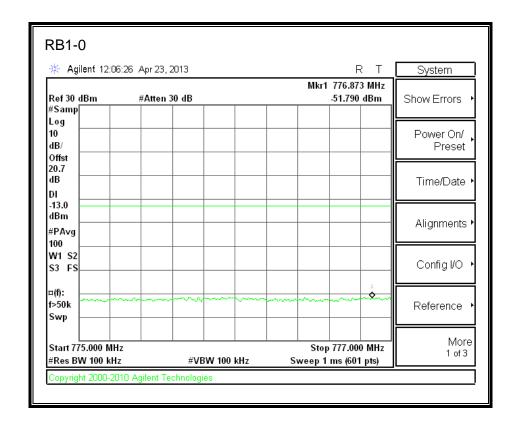
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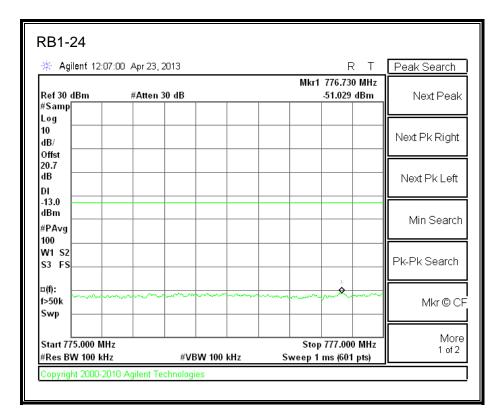
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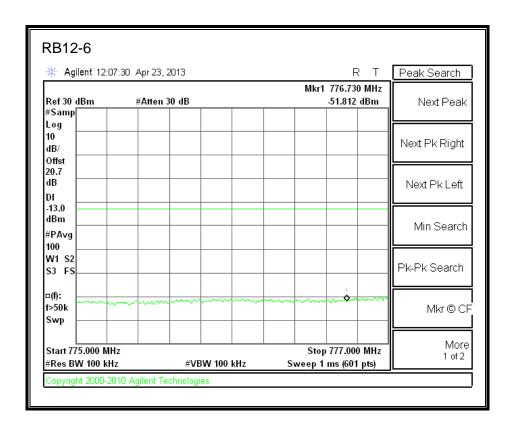
## LTE 16QAM 784.5MHz Band 13, 775 - 777MHz (5MHz Bandwidth)

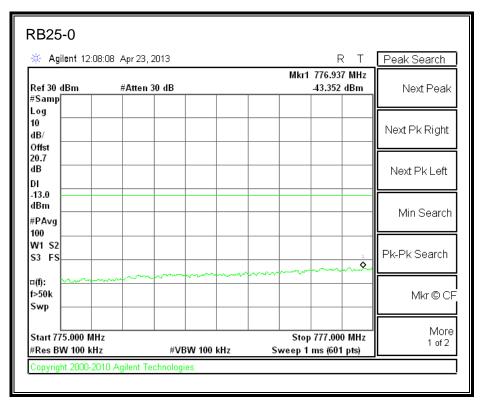




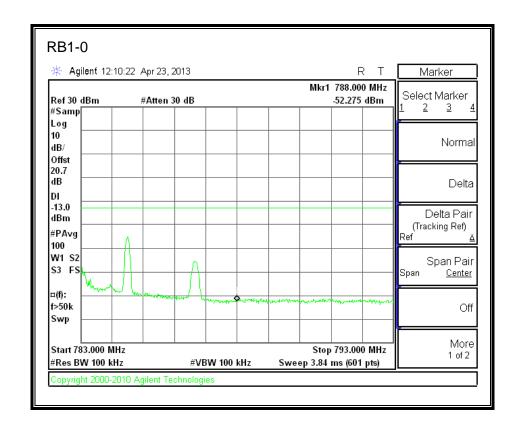
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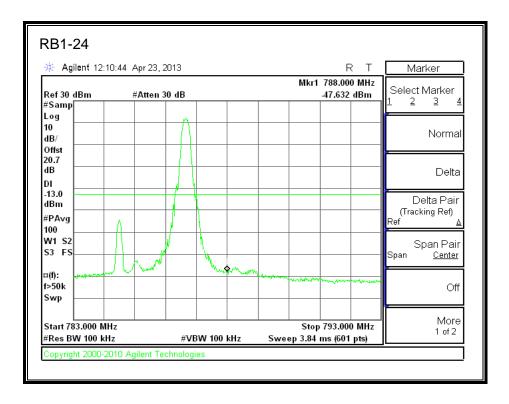
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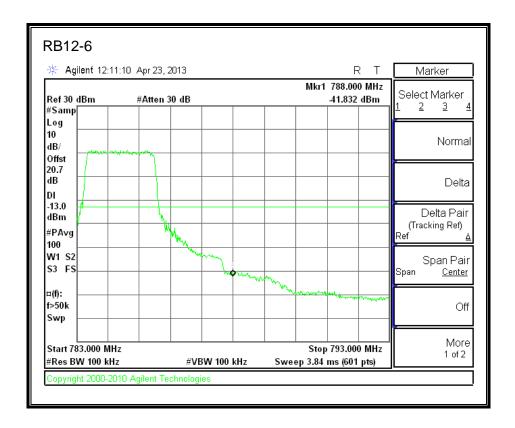


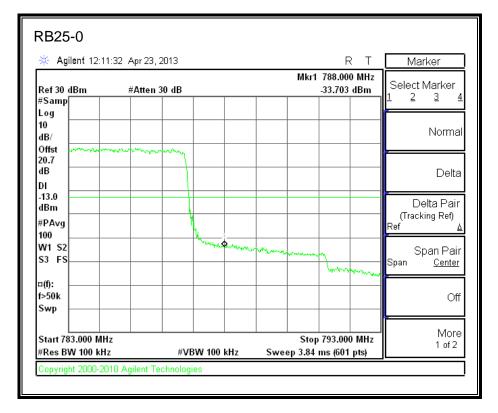


## LTE QPSK 784.5MHz Band 13, 783 - 793MHz (5MHz Bandwidth)

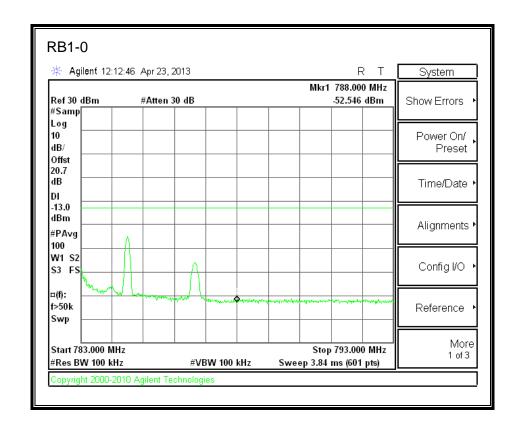


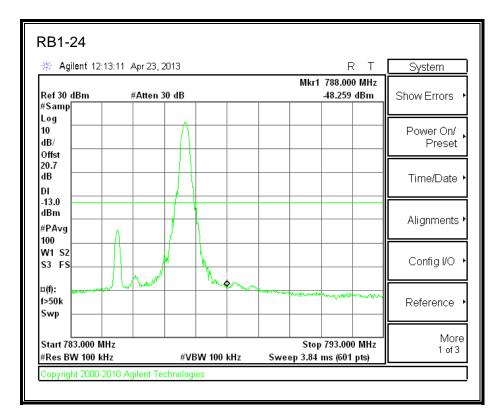




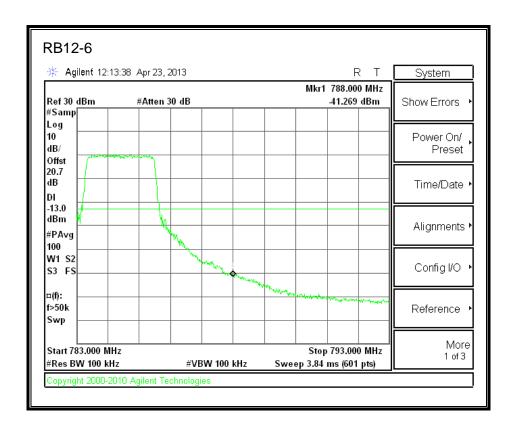


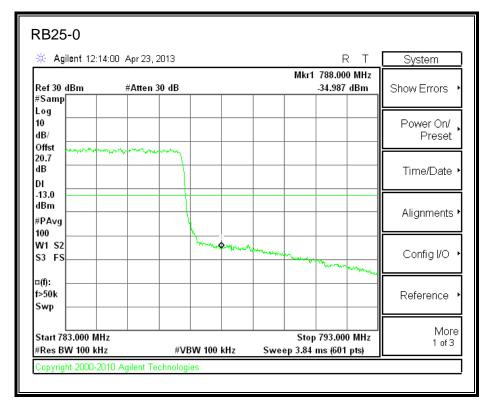
#### LTE 16QAM 784.5MHz Band 13, 783 - 793MHz (5MHz Bandwidth)



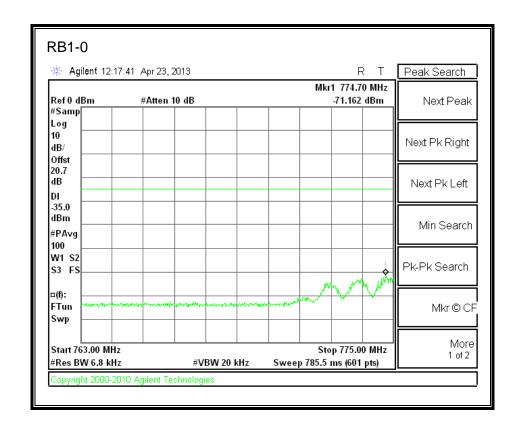


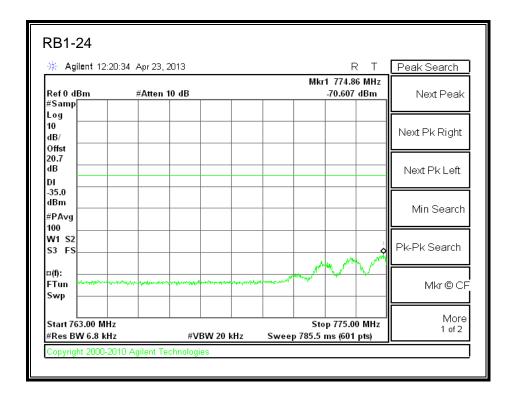
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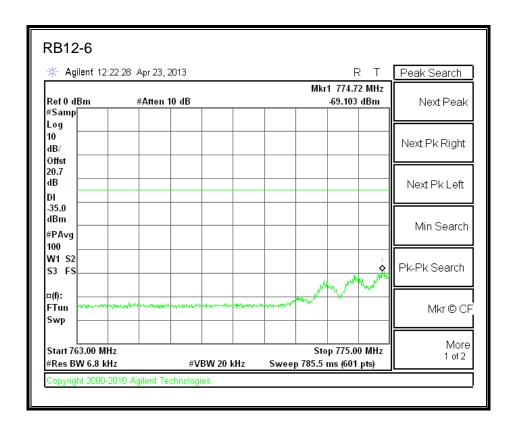
## LTE QPSK 784.5MHz Band 13, 763 - 775MHz (5MHz Bandwidth)

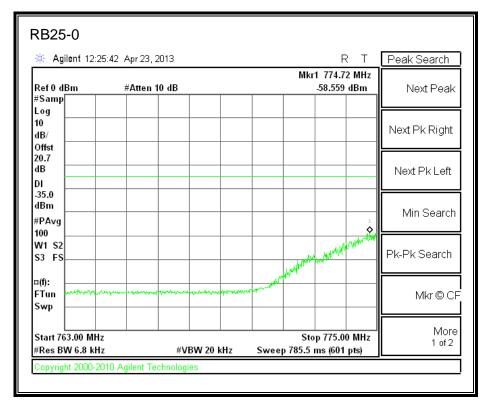




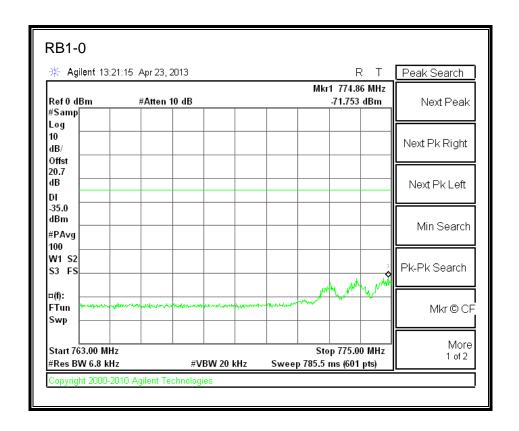
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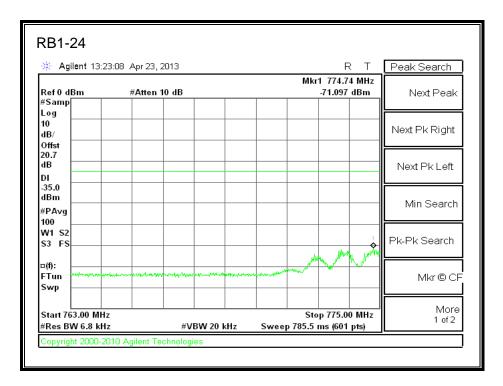
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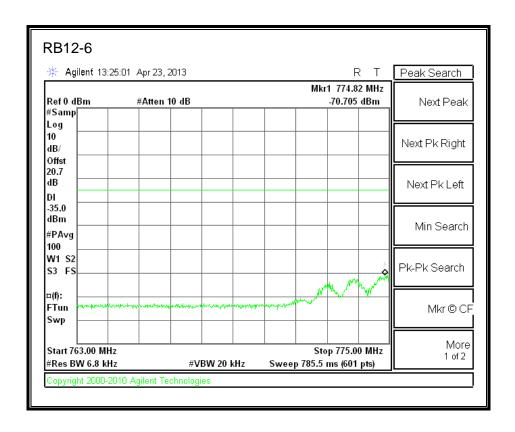


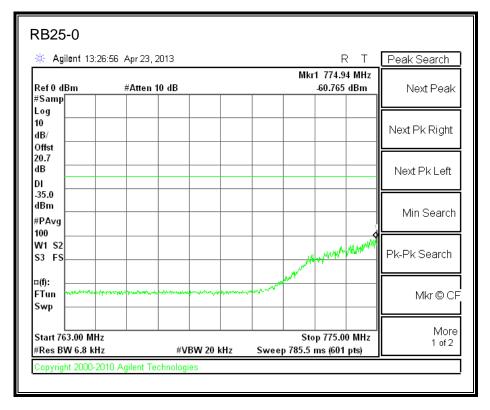
## LTE 16QAM 784.5MHz Band 13, 763-775MHz (5MHz Bandwidth)



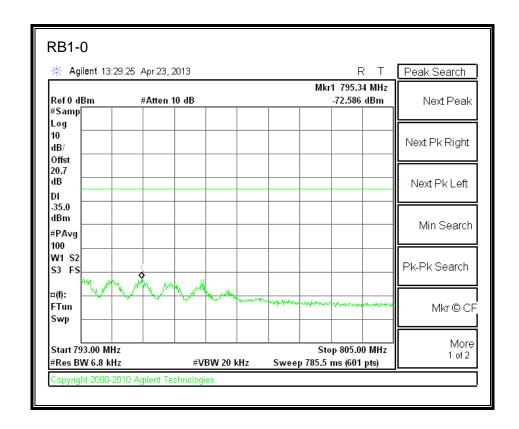


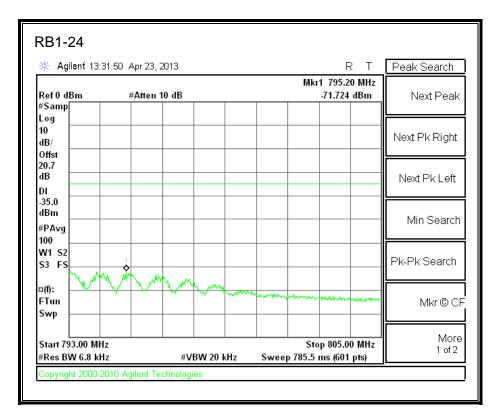
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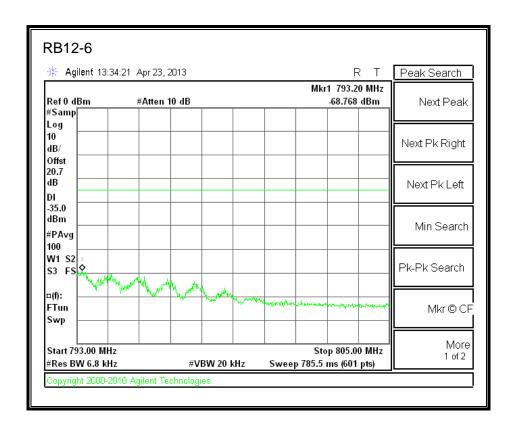
## LTE QPSK 784.5MHz Band 13, 793 - 805MHz (5MHz Bandwidth)

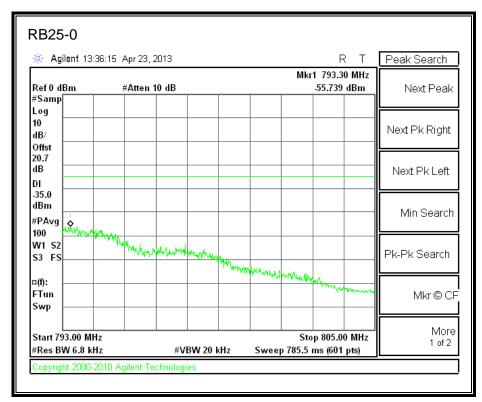




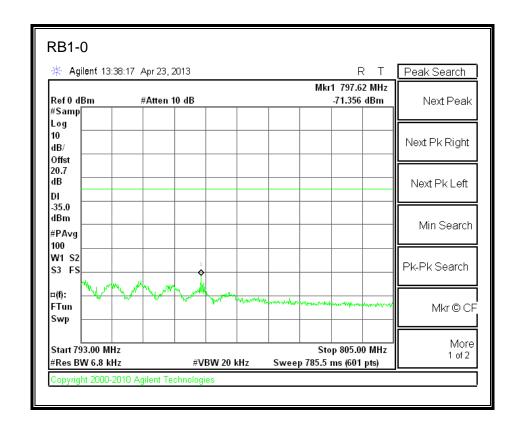
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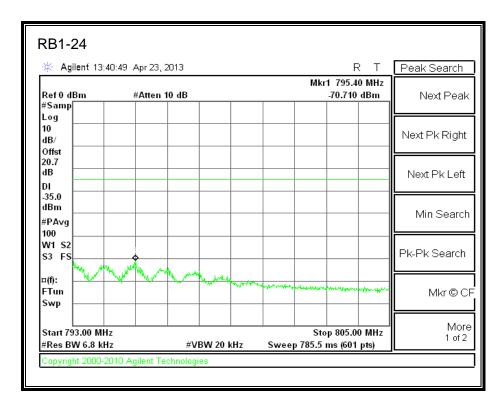
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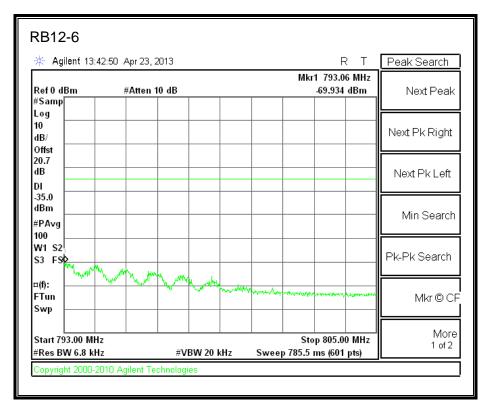
## LTE 16QAM 784.5MhZ Band 13, 793 - 805MHz (5MHz Bandwidth)

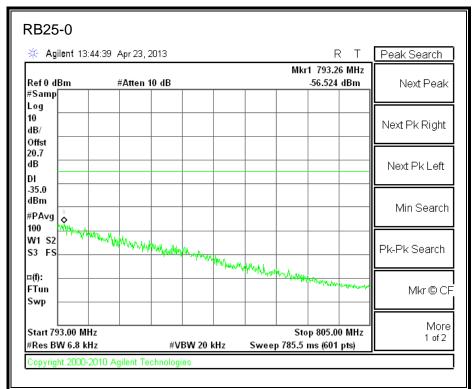




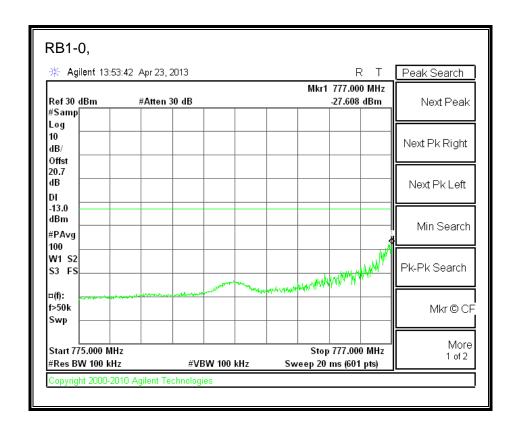
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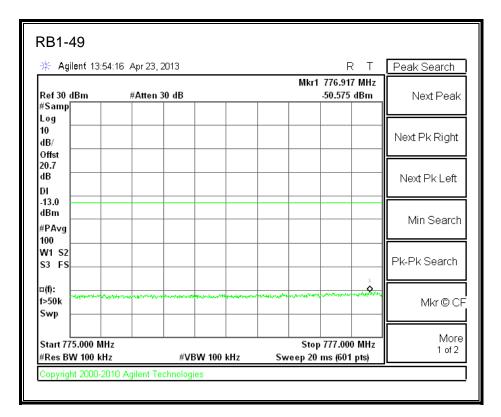
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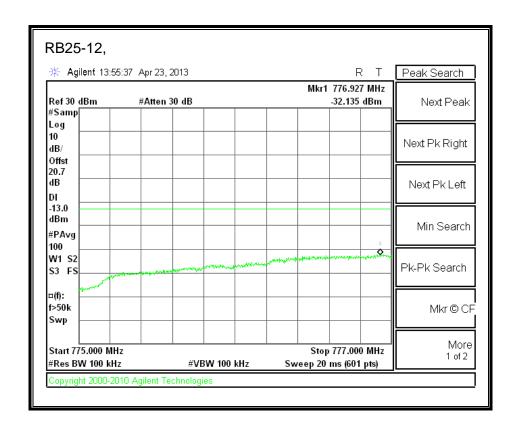
### LTE QPSK 782MHz Band 13, 775 - 777MHz (10MHz Bandwidth)

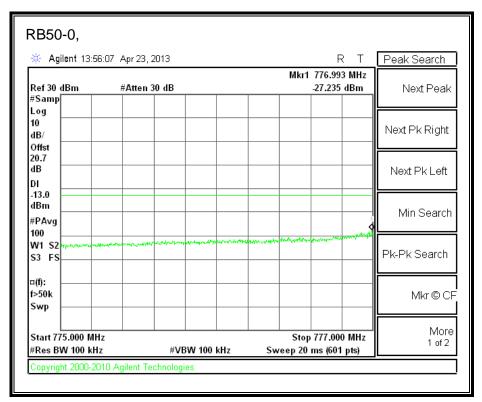




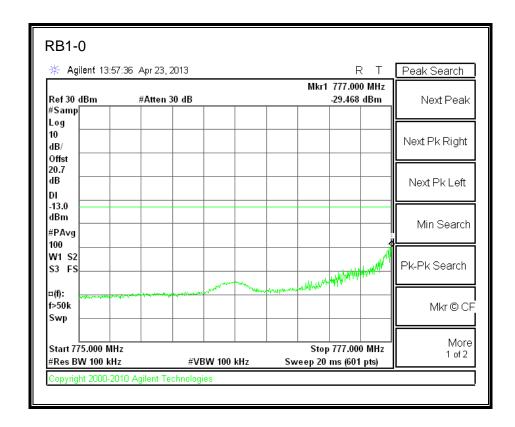
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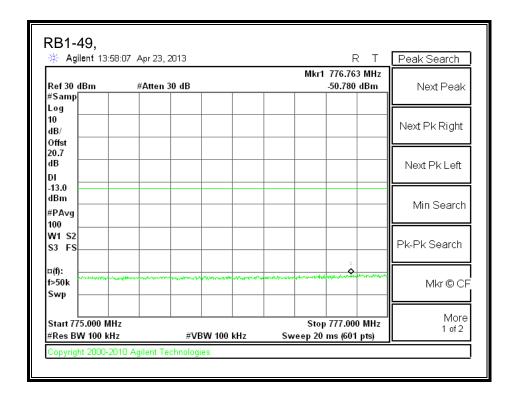
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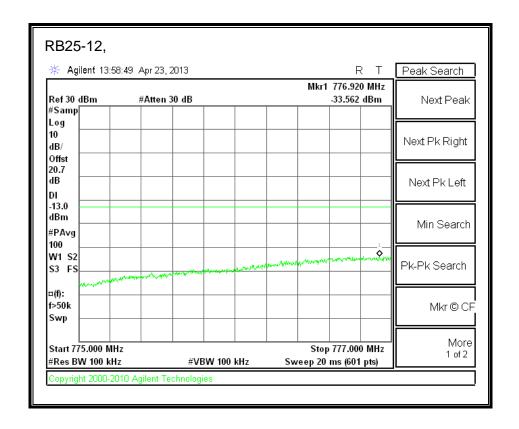
### LTE 16QAM Band 13, 775 - 777MHz (10MHz Bandwidth)

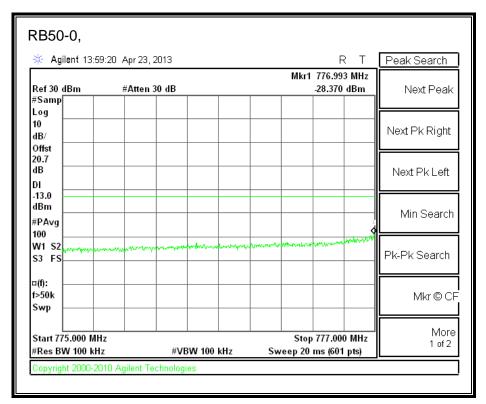




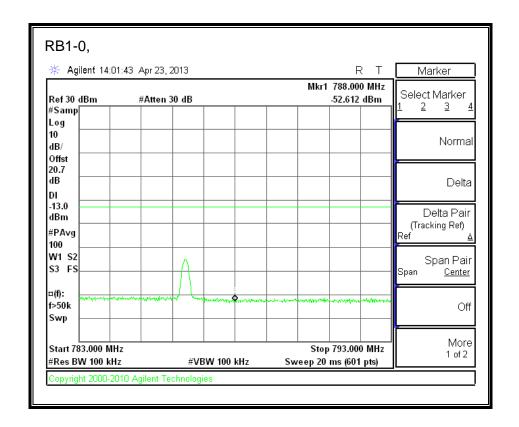
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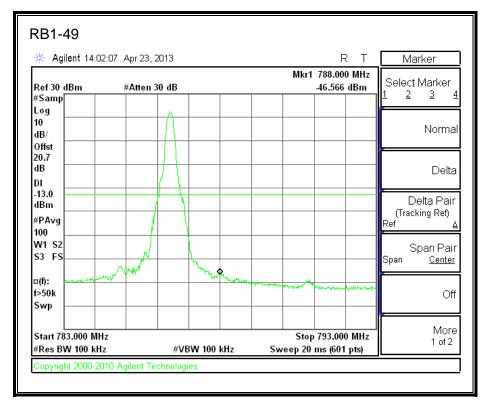
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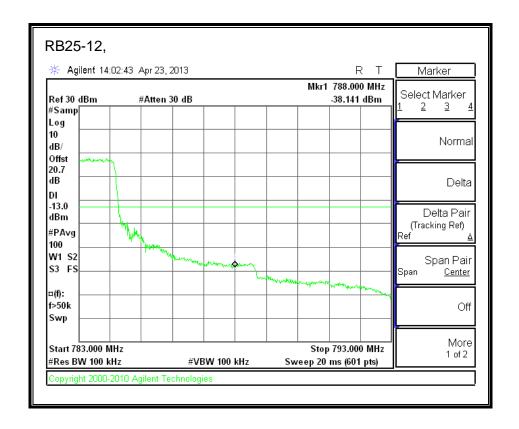


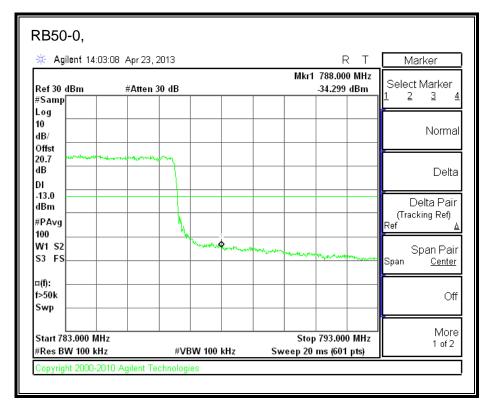


#### LTE QPSK 782MHz Band 13, 783 - 793MHz (10MHz Bandwidth)

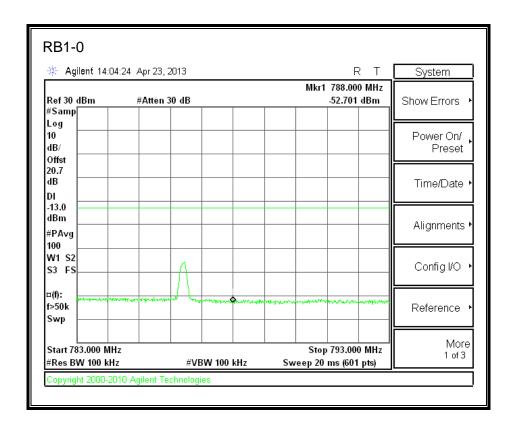


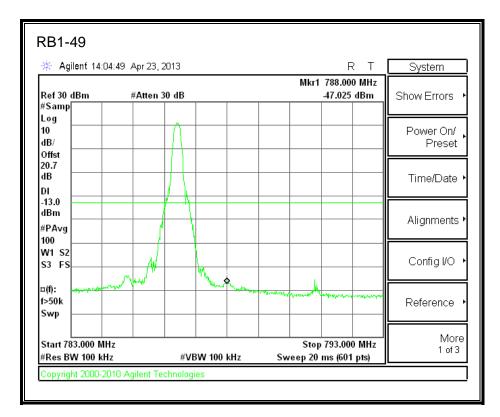


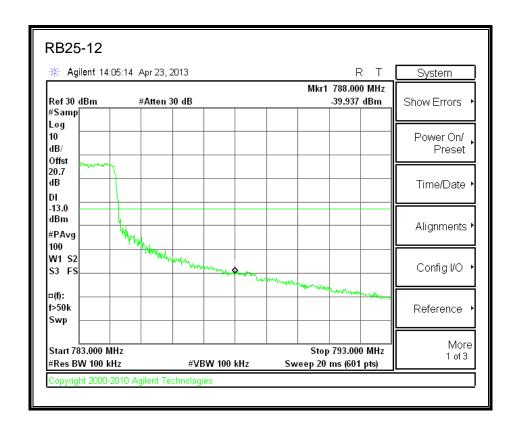


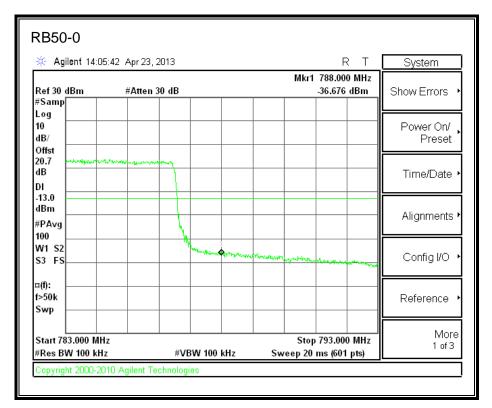


#### LTE 16QAM Band 13, 782MHz 783 - 793MHz (10MHz Bandwidth)

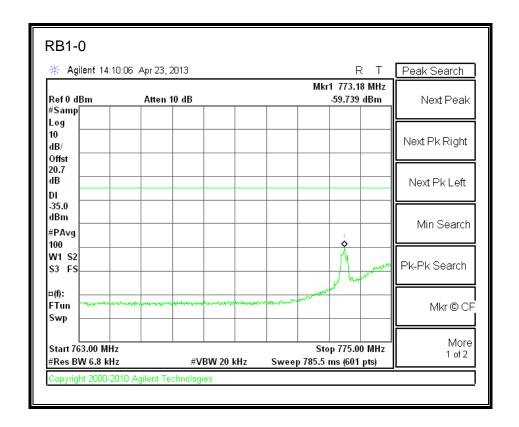


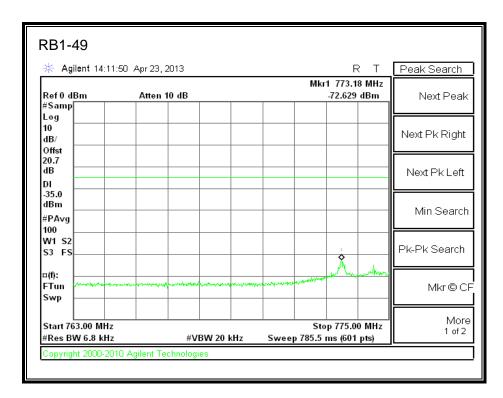




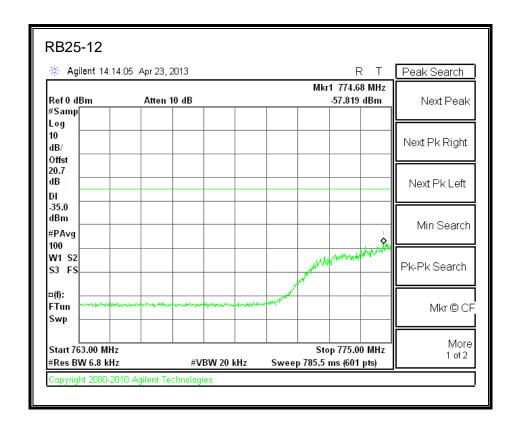


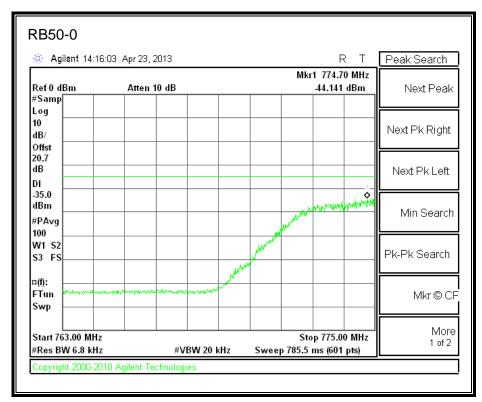
### LTE QPSK 782MHz Band 13, 763 - 775MHz (10MHz Bandwidth)



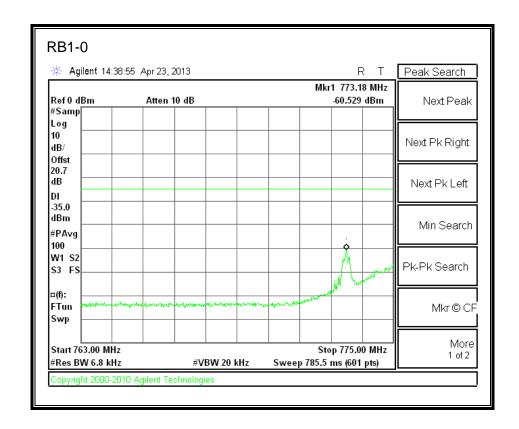


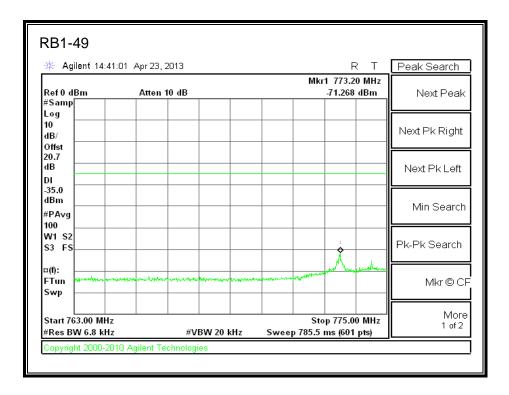
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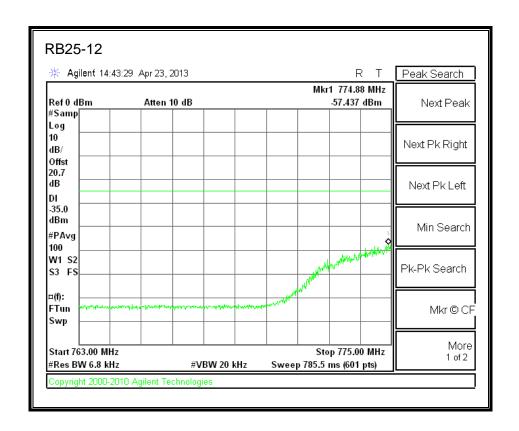


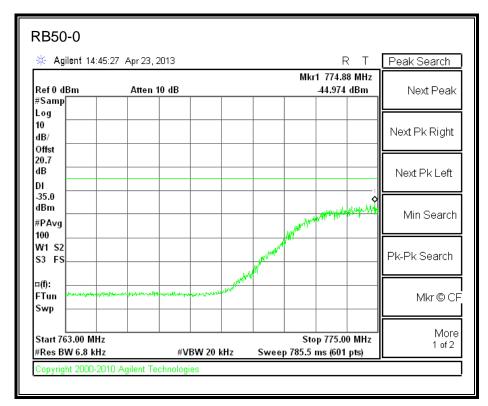
### LTE 16QAM 782MHz Band 13, 763 - 775MHz (10MHz Bandwidth)



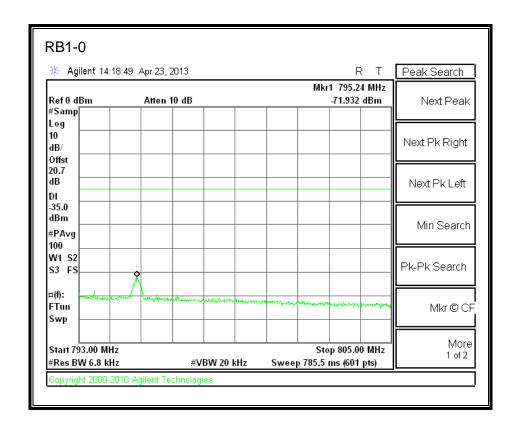


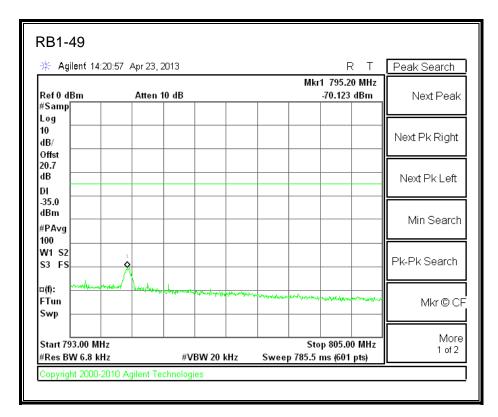
DATE: SEPTEMBER 09, 2013





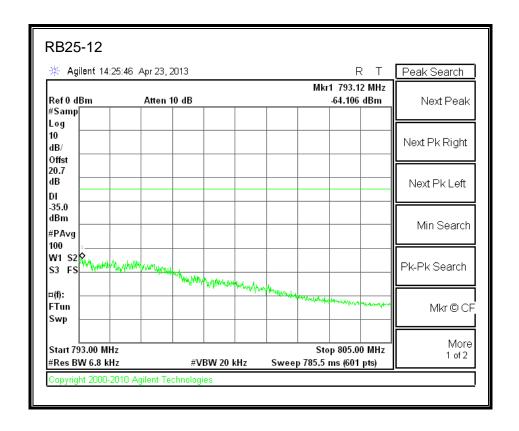
## LTE QPSK Band 13, 793 - 805MHz (10MHz Bandwidth)

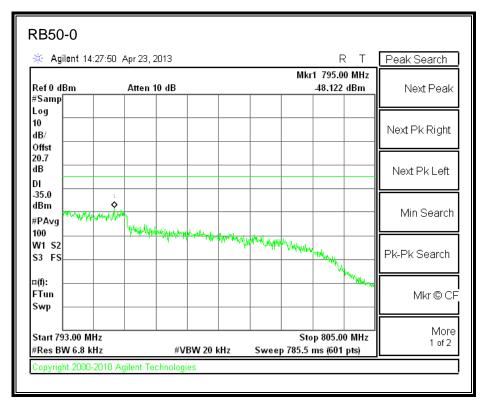




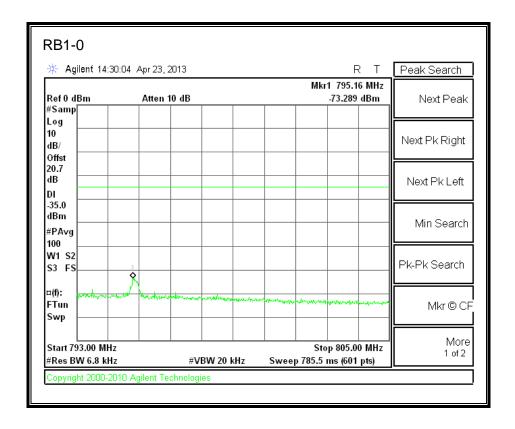
Page 437 of 903

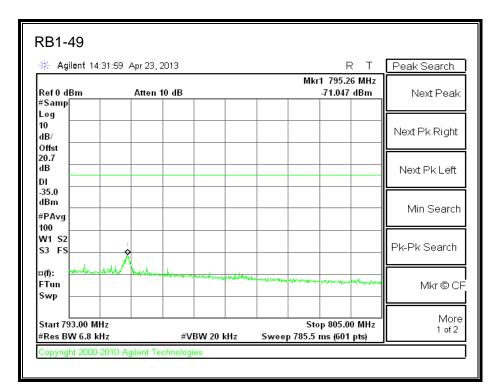
DATE: SEPTEMBER 09, 2013



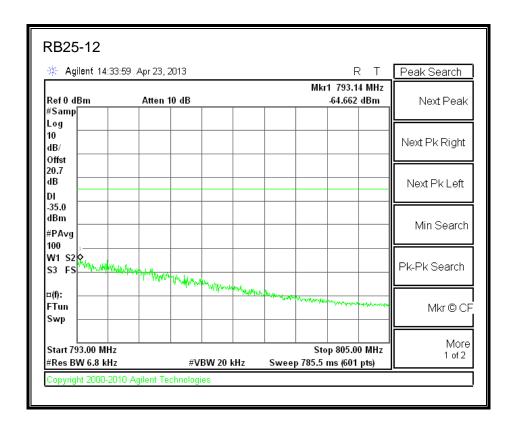


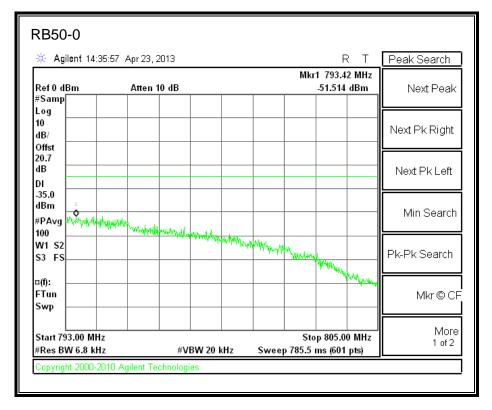
#### LTE 16QAM Band 13, 793 - 805MHz (10MHz Bandwidth)





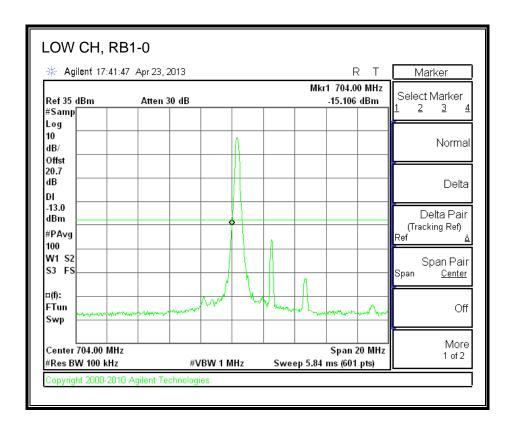
DATE: SEPTEMBER 09, 2013

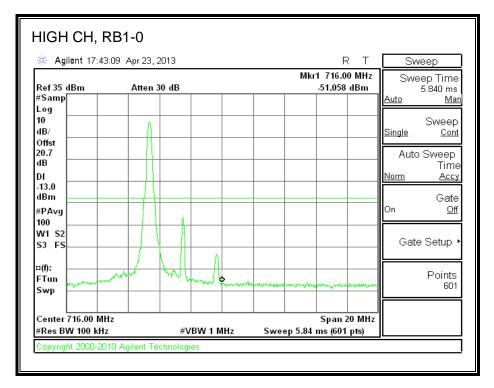




#### 8.2.5. LTE BAND 17

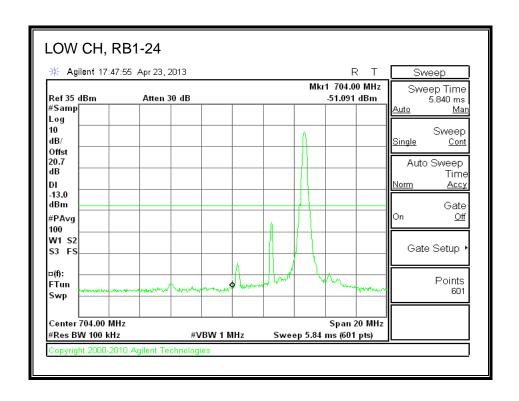
# 5.0 MHz (QPSK)

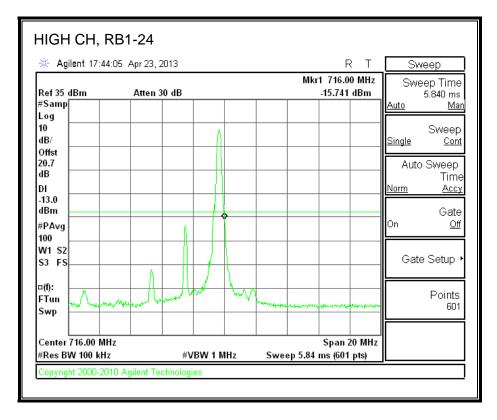


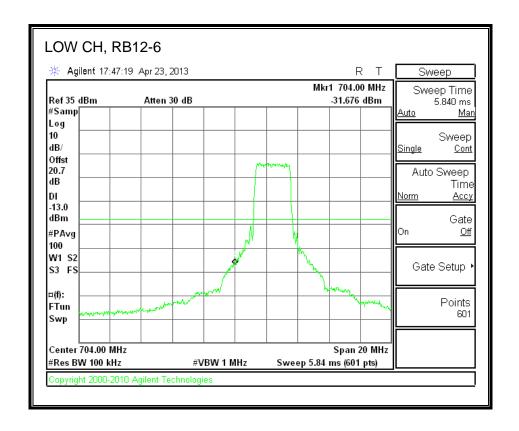


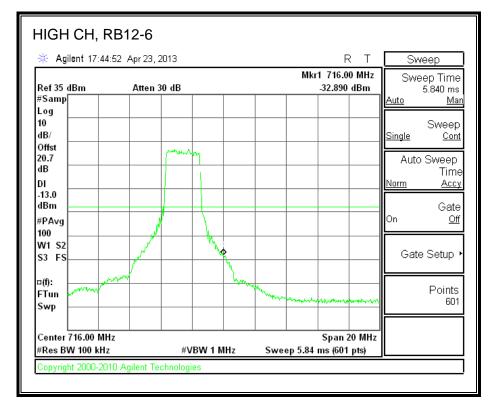
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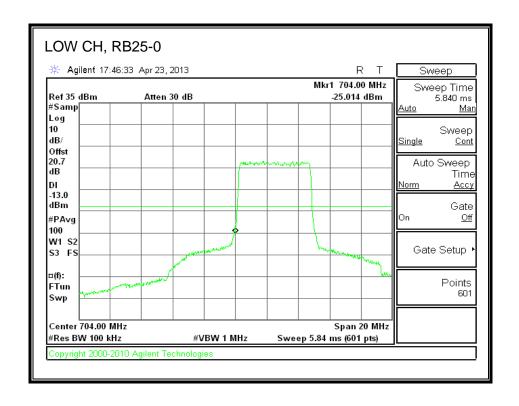
DATE: SEPTEMBER 09, 2013

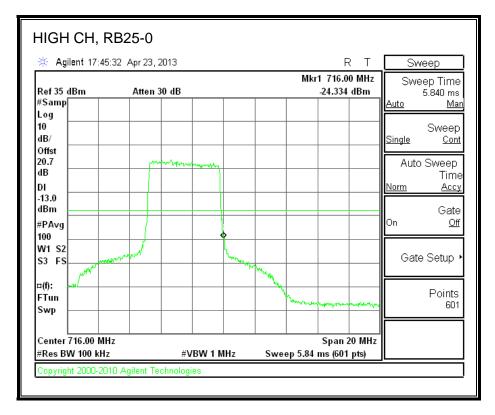




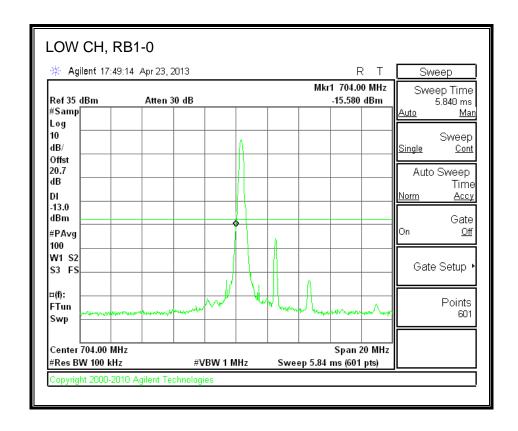


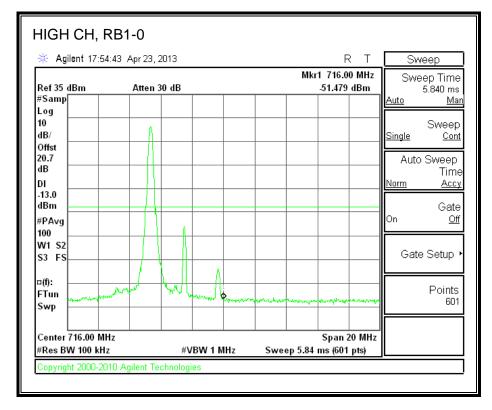




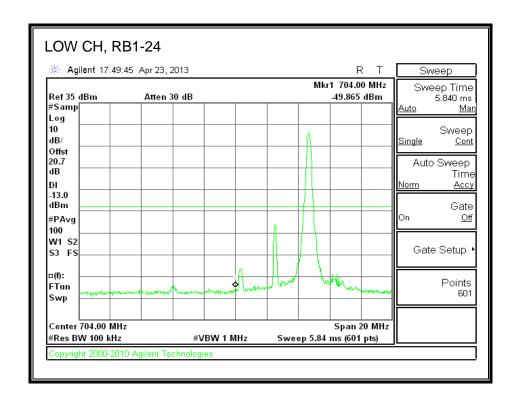


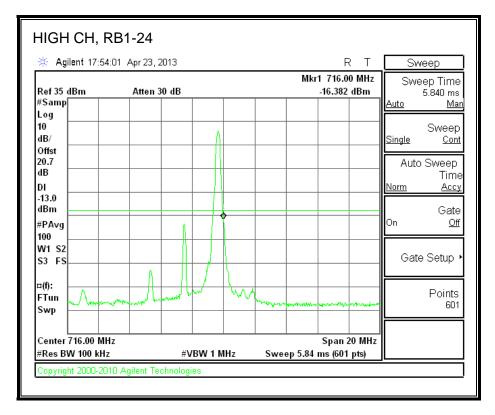
#### 5.0 MHz (16QAM)

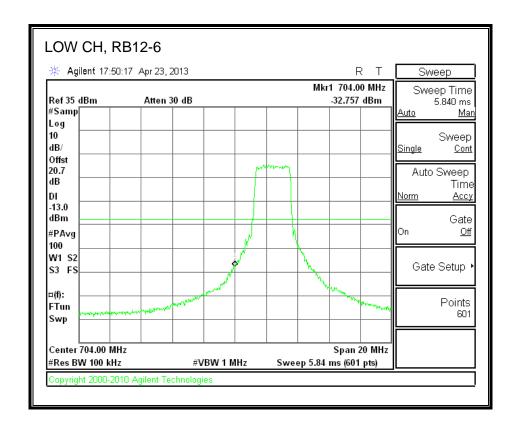


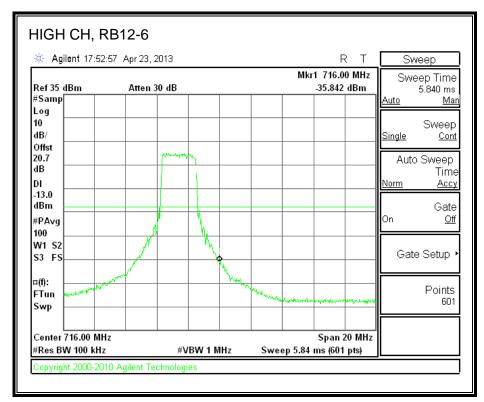


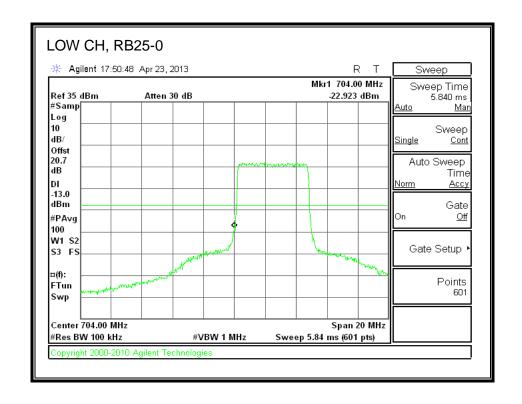
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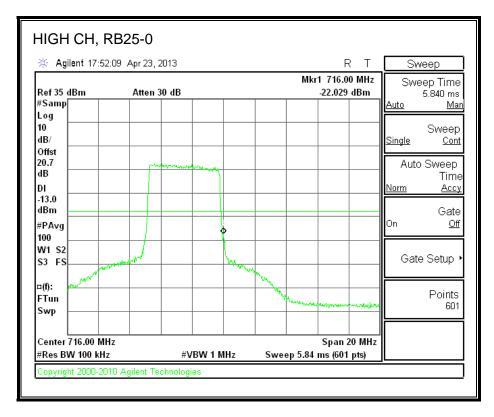




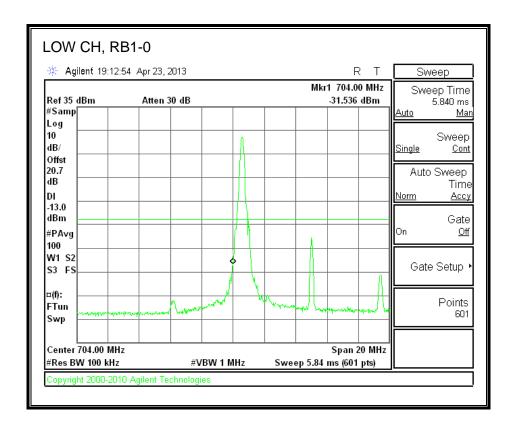


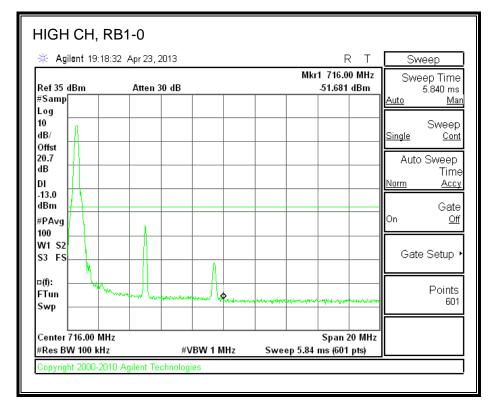




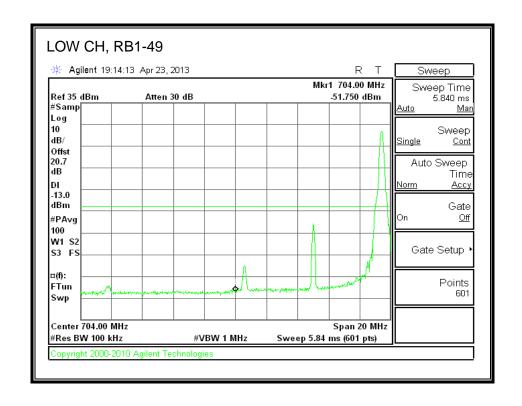


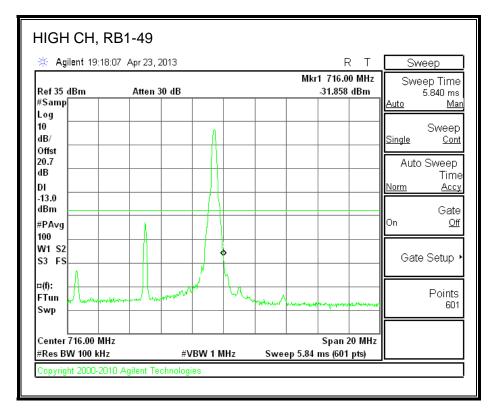
#### 10.0 MHz (QPSK)

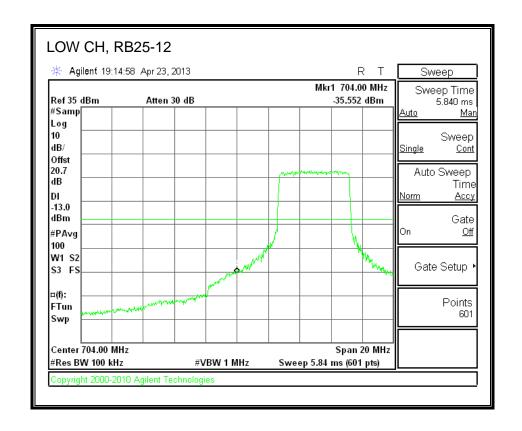


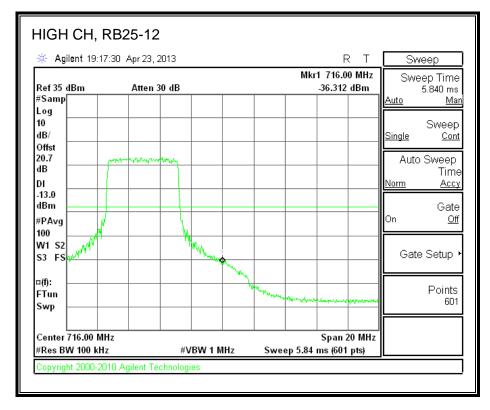


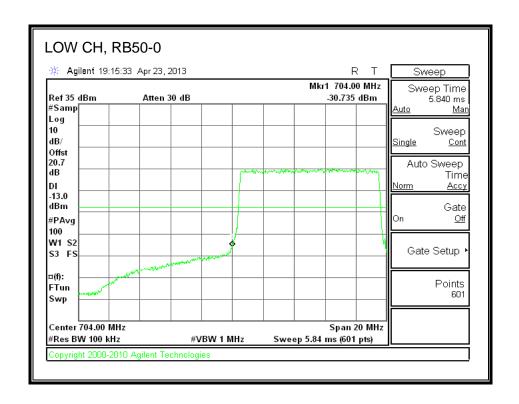
DATE: SEPTEMBER 09, 2013

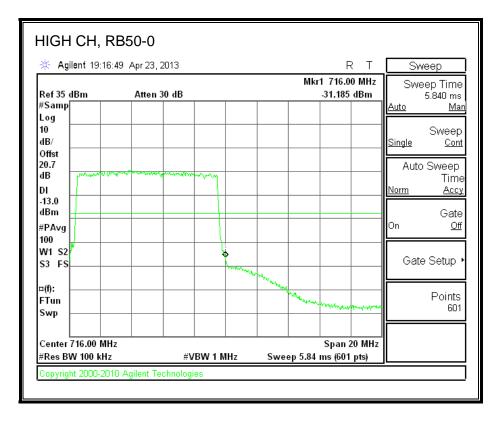




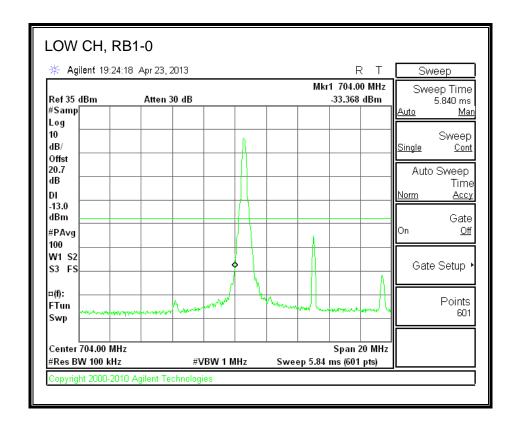


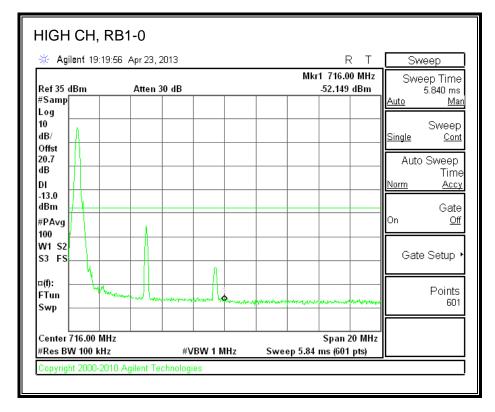




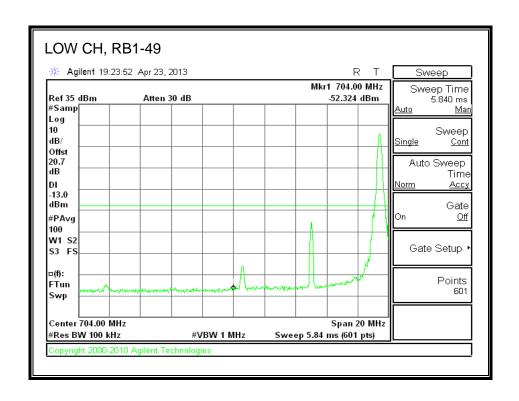


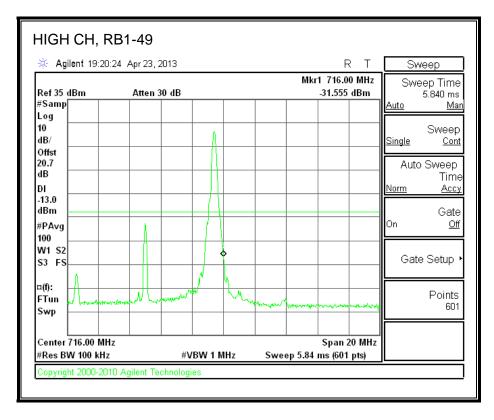
#### 10.0MHz (16QAM)

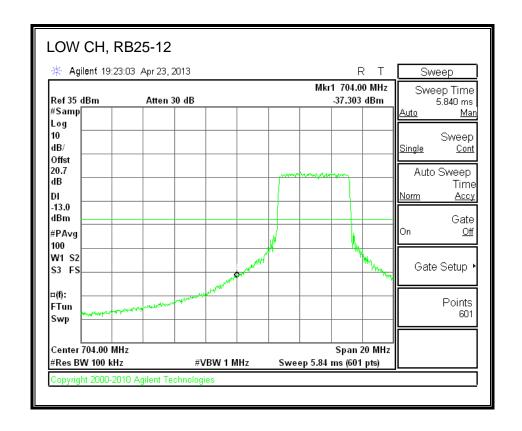


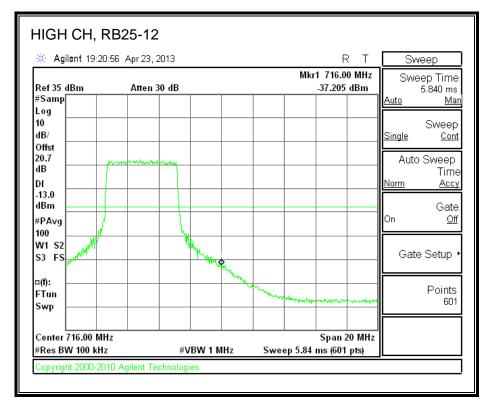


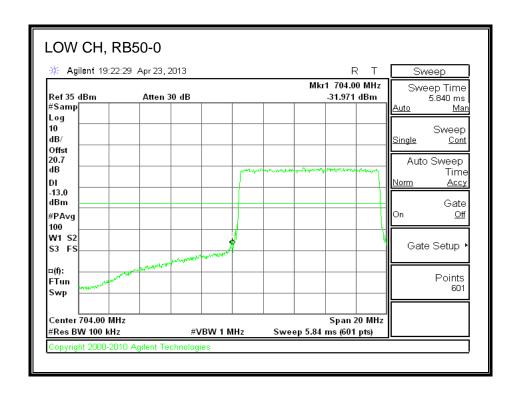
DATE: SEPTEMBER 09, 2013

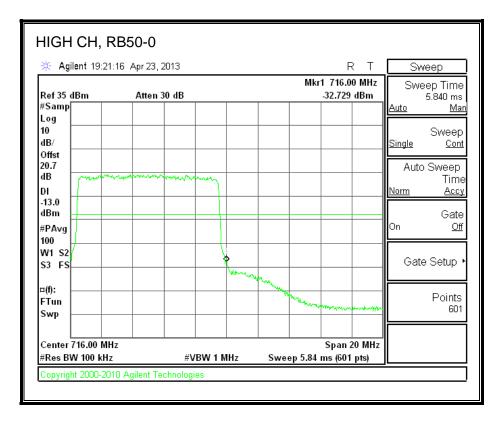






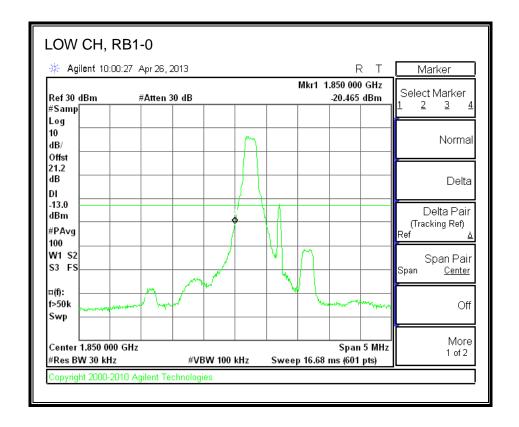


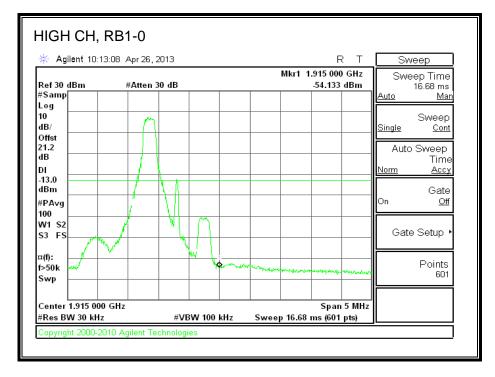




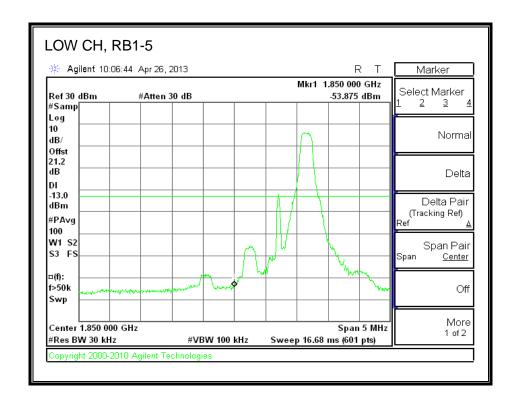
#### 8.2.6. LTE BAND 25

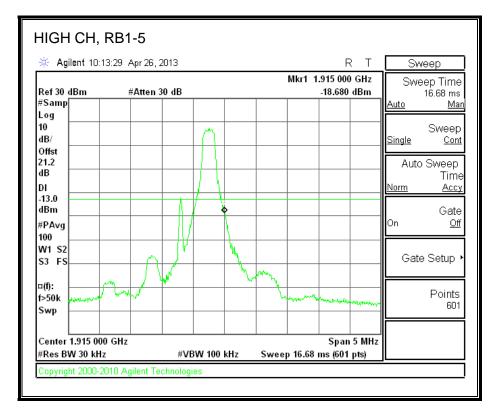
#### LTE QPSK Band 25 (1.4 MHz BAND WIDTH)

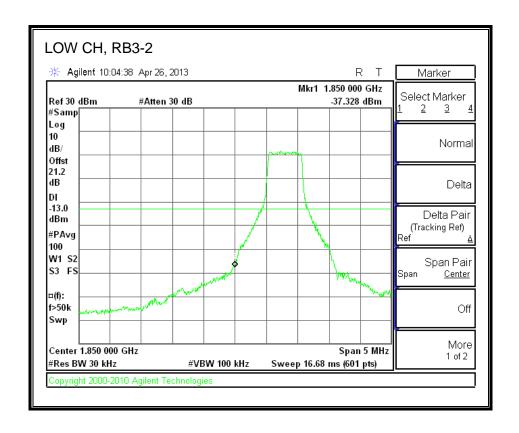


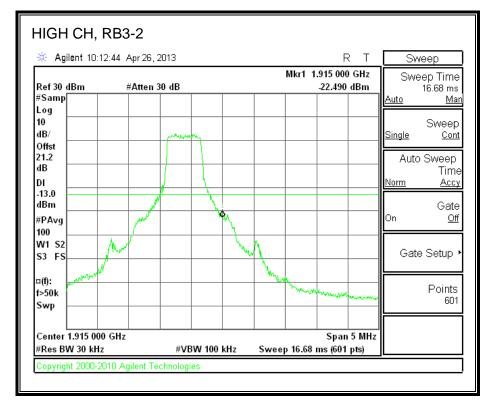


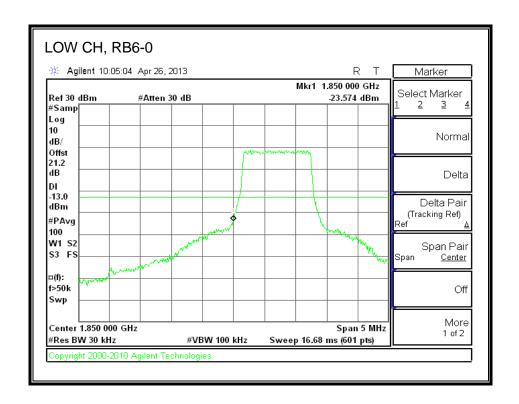
DATE: SEPTEMBER 09, 2013

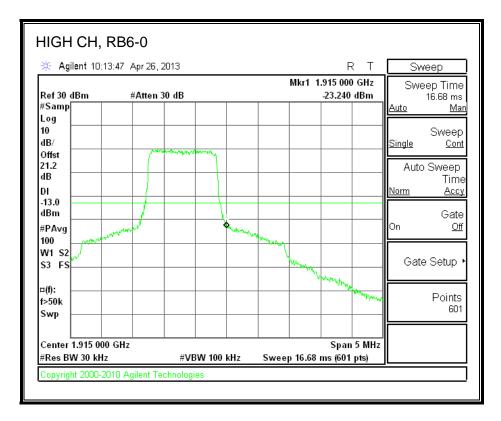




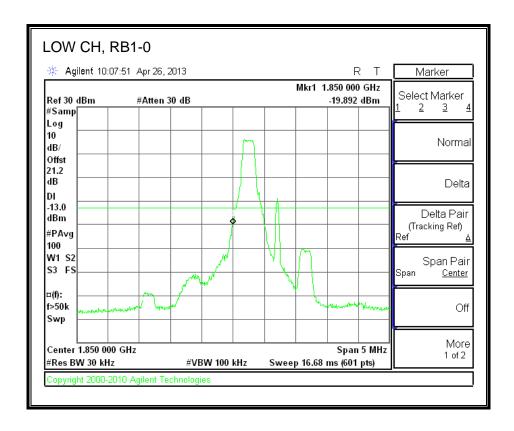


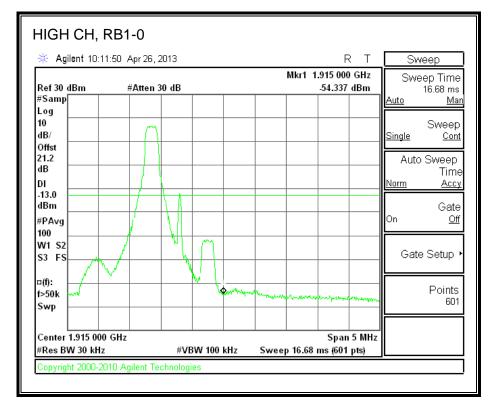




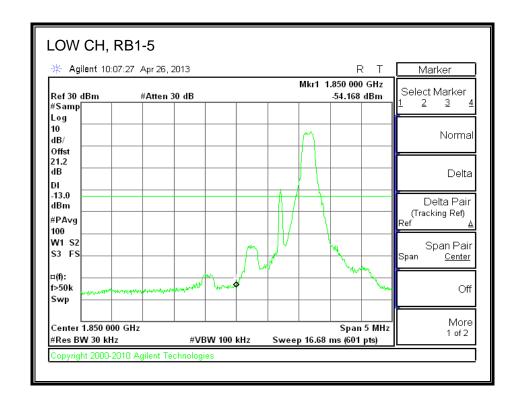


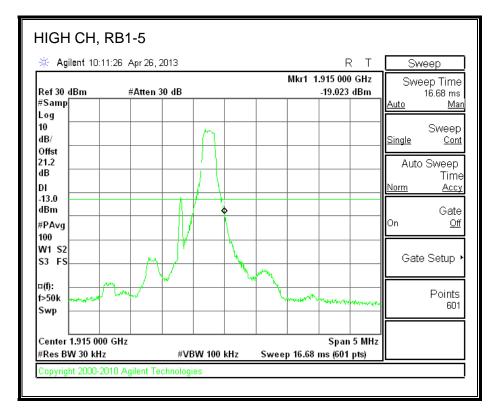
### LTE 16QAM Band 25 (1.4 MHz BAND WIDTH)

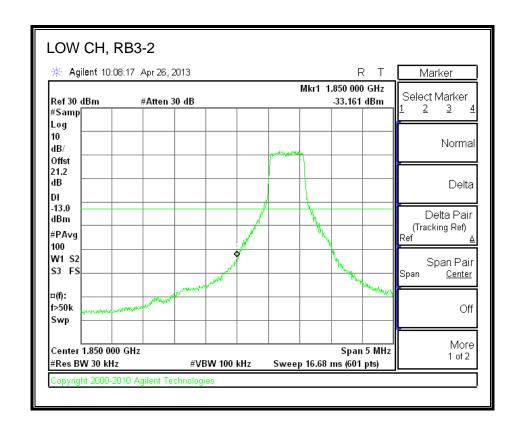


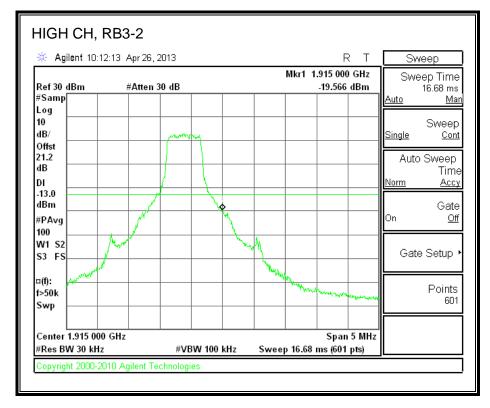


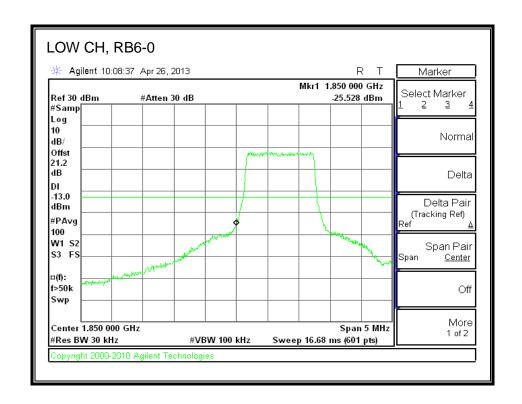
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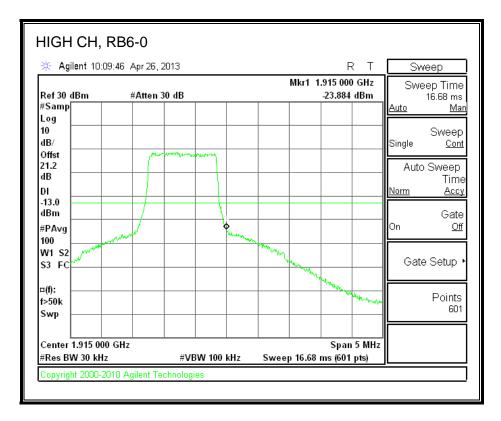




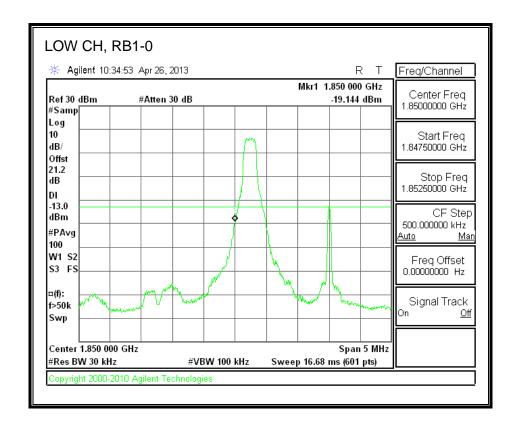


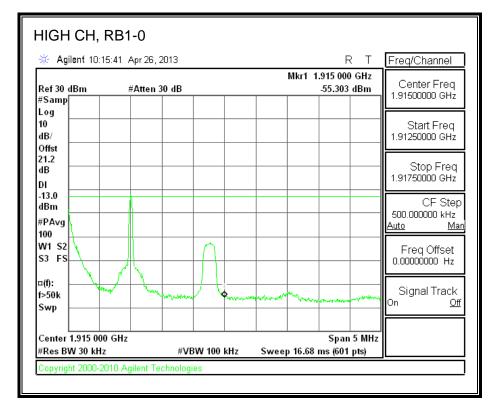




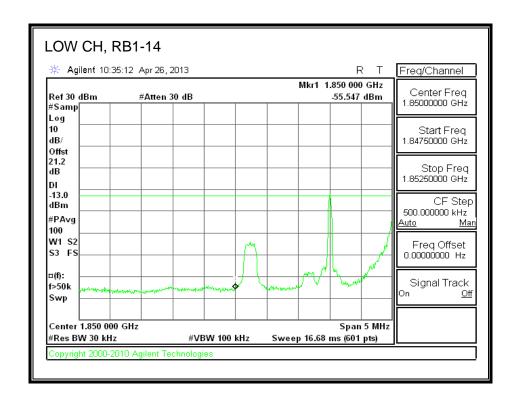


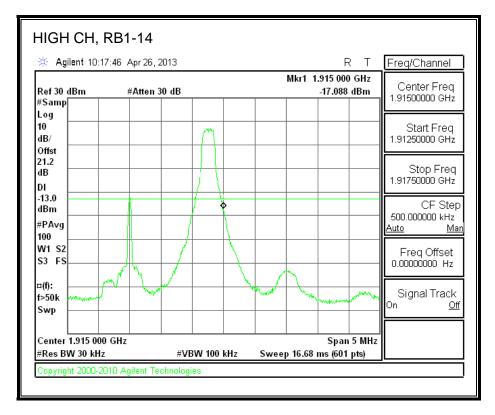
### LTE QPSK Band 25 (3.0 MHz BAND WIDTH)

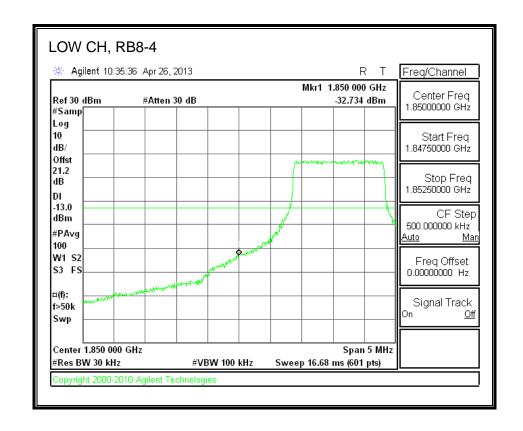


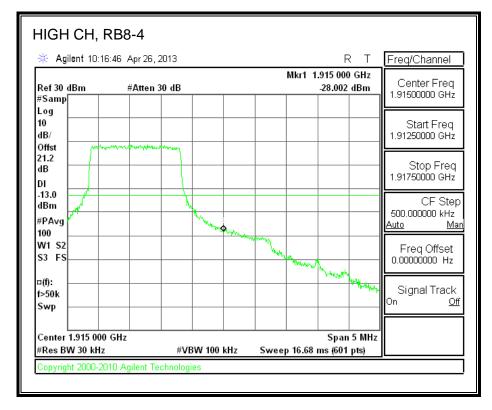


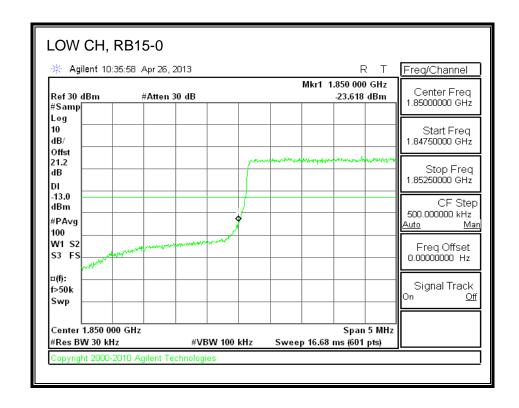
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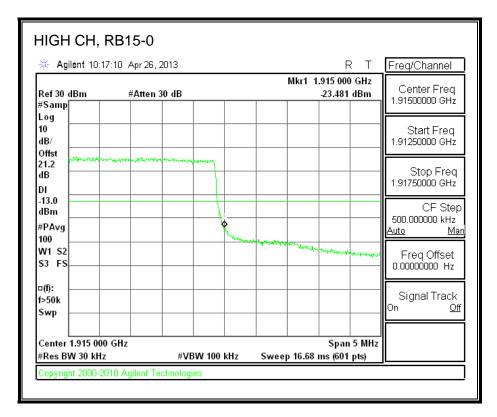




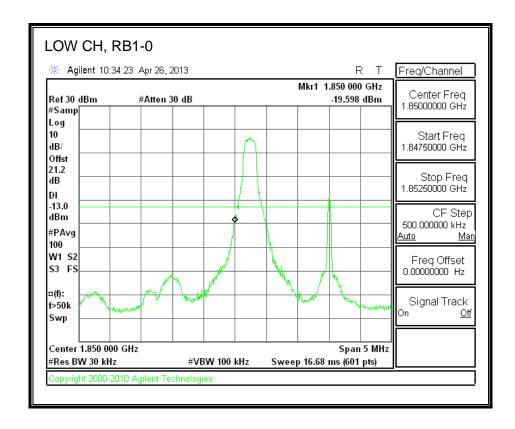


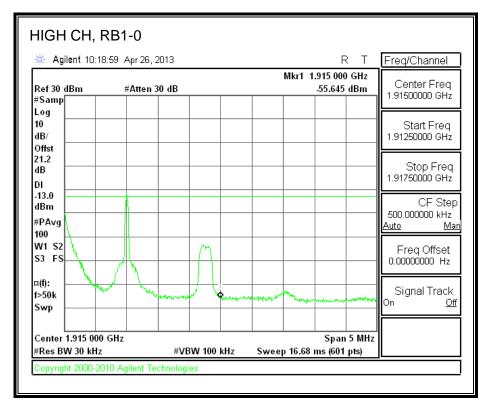




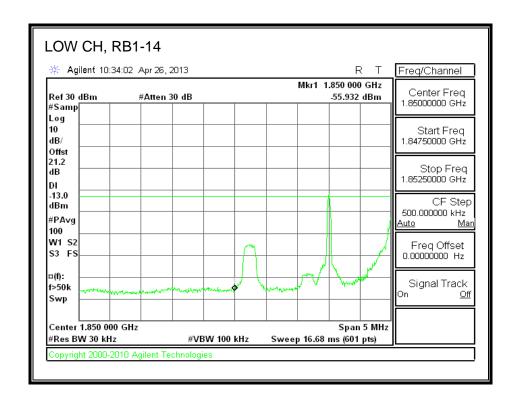


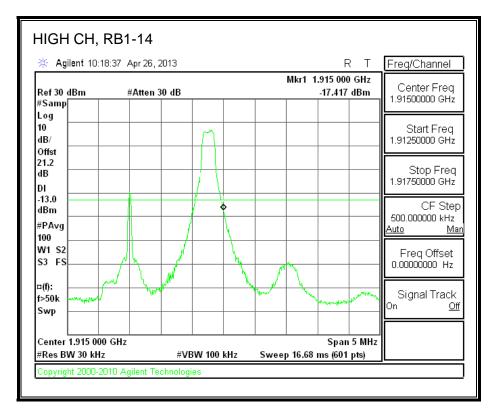
## LTE 16QAM Band 25 (3.0 MHz BAND WIDTH)

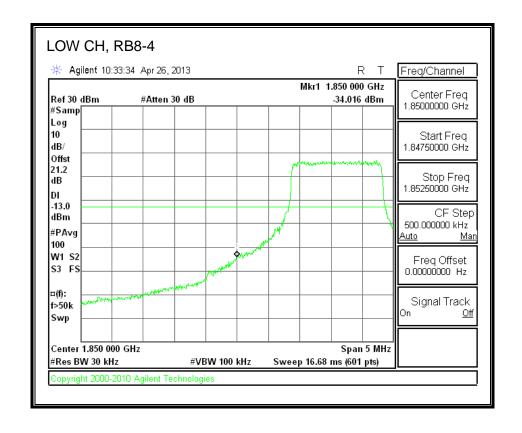


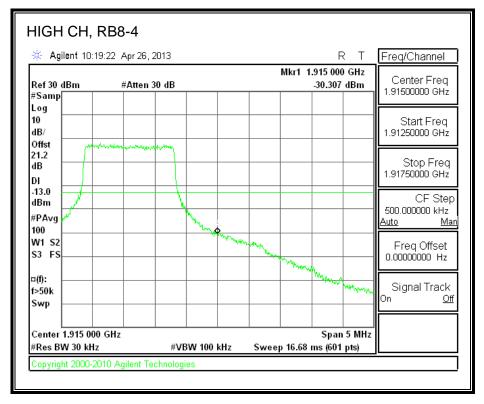


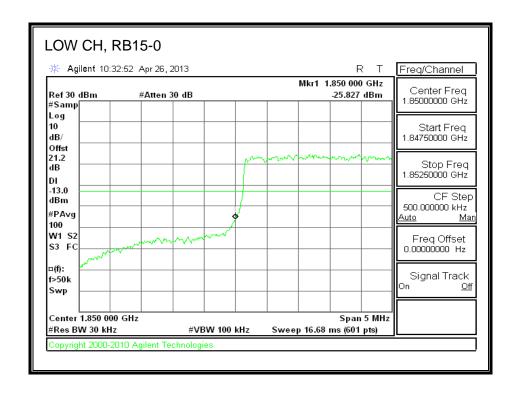
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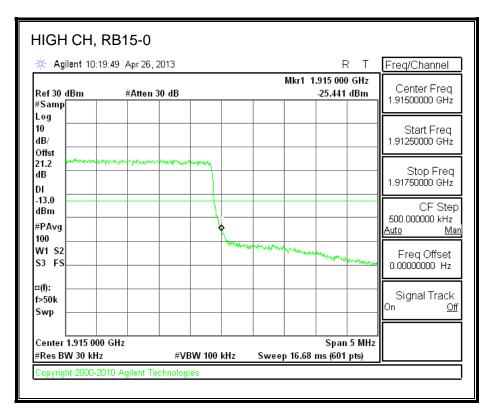




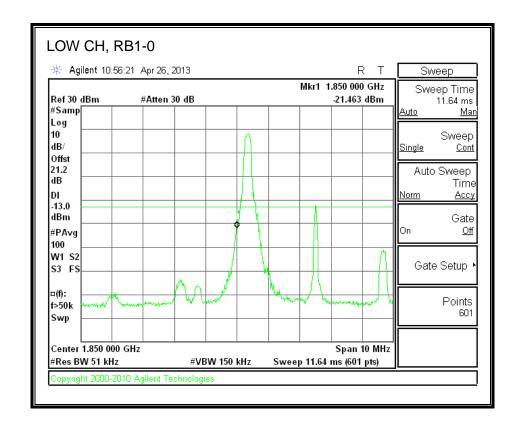


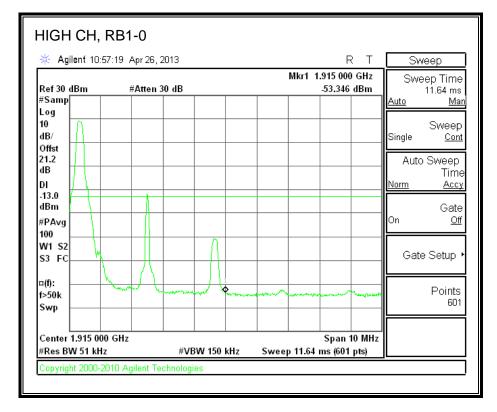




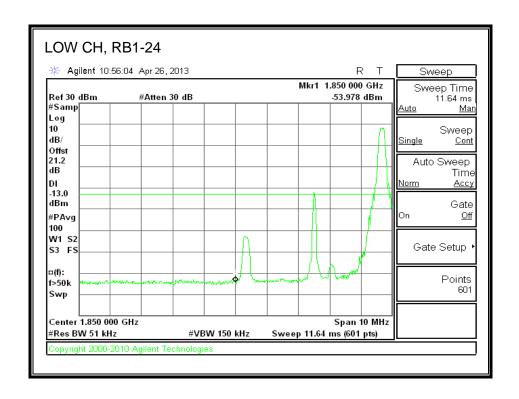


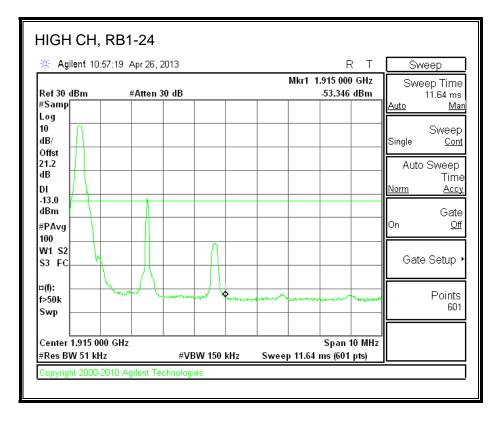
## LTE QPSK Band 25 (5.0 MHz BAND WIDTH)

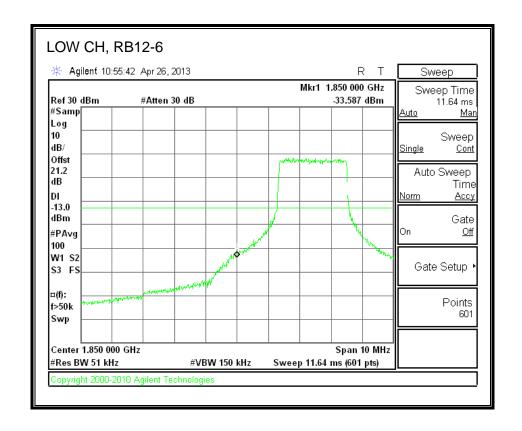


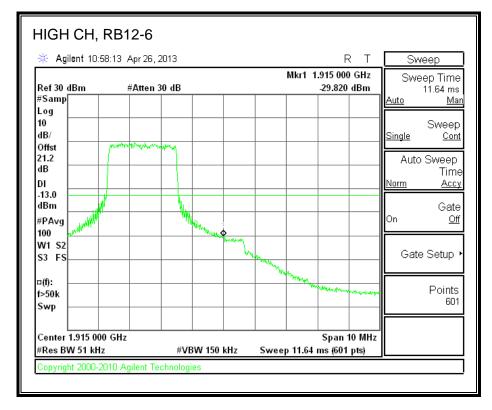


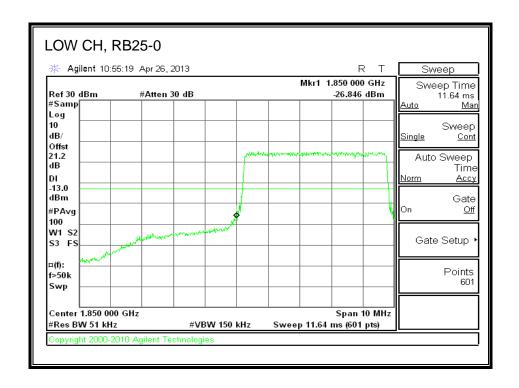
DATE: SEPTEMBER 09, 2013

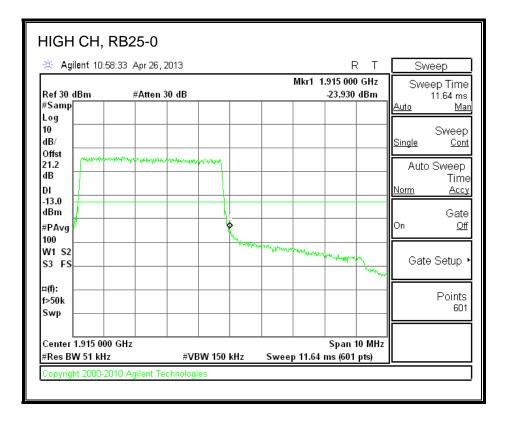




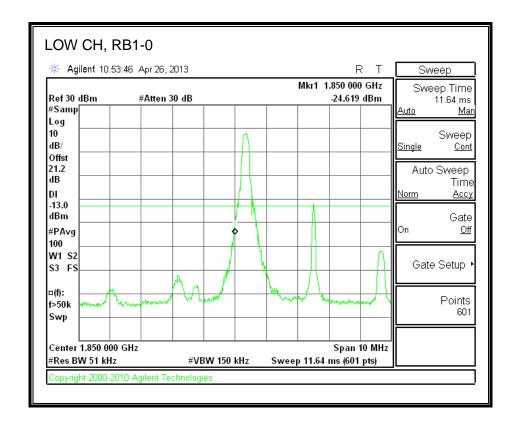


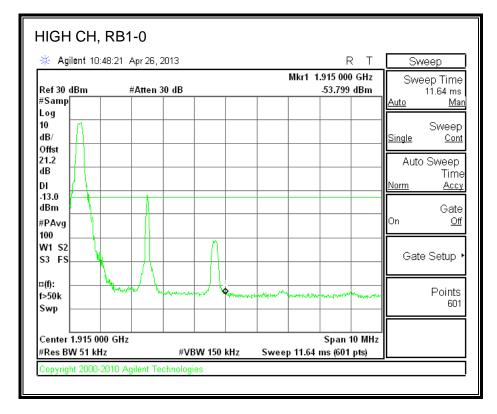




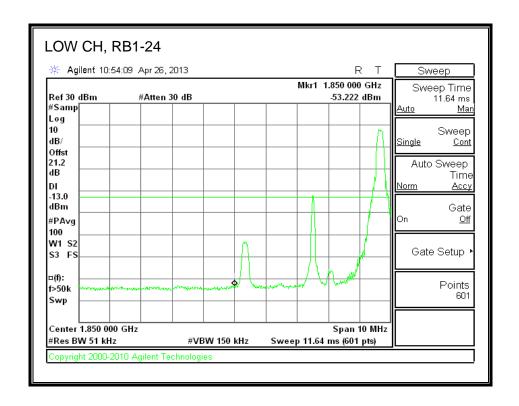


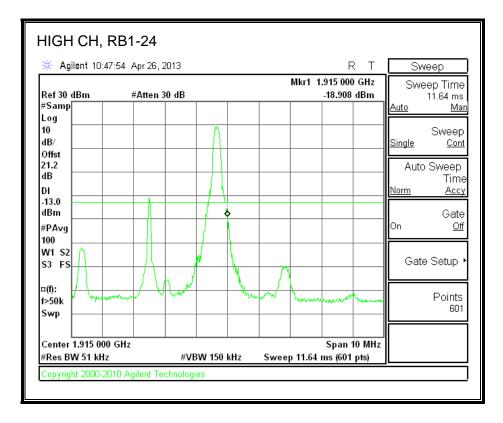
# LTE 16QAM Band 25 (5.0 MHz BAND WIDTH)

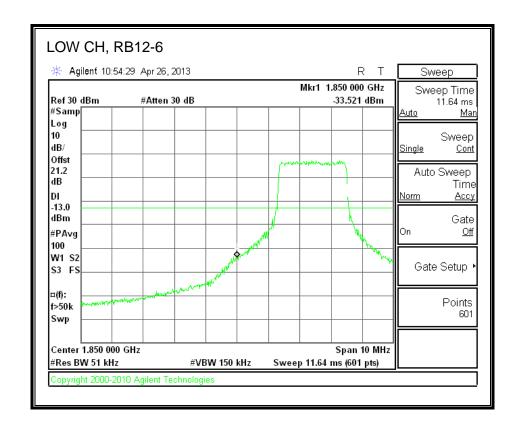


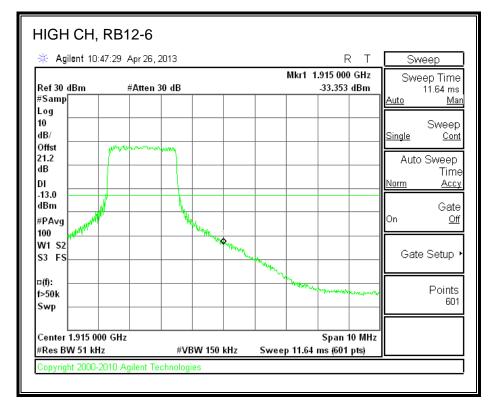


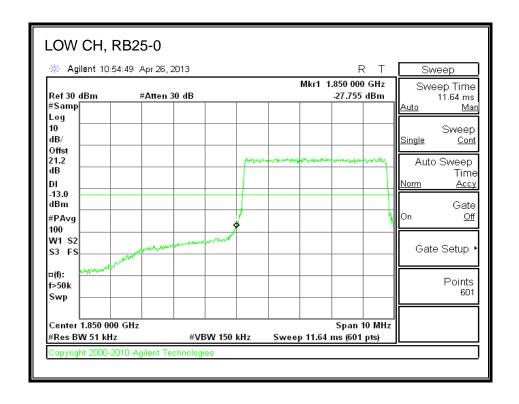
DATE: SEPTEMBER 09, 2013

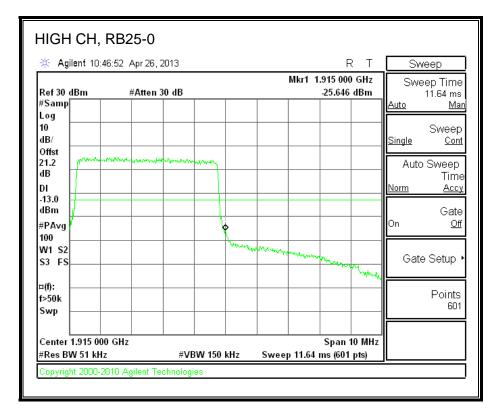




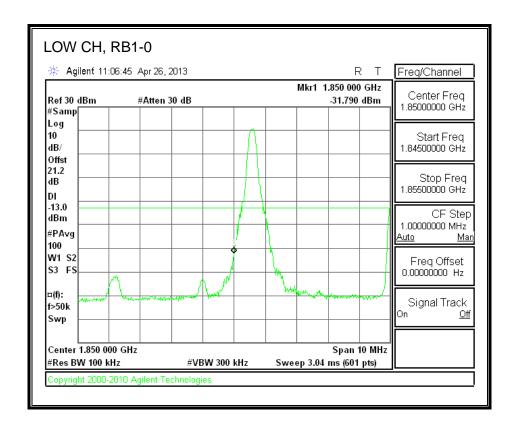


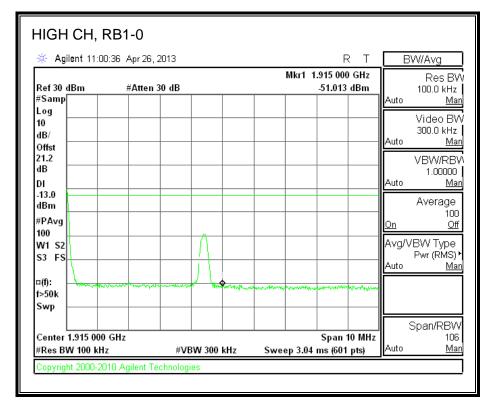




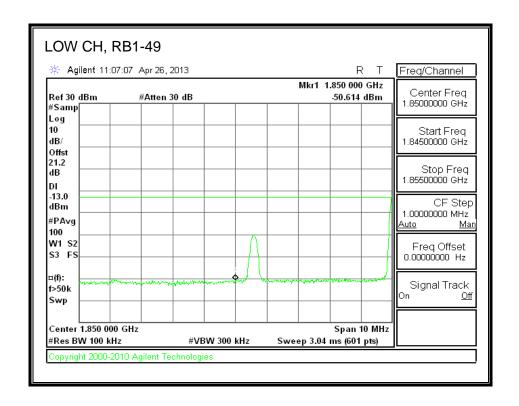


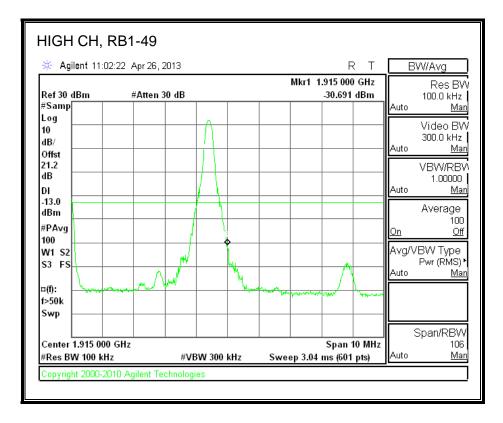
## LTE QPSK Band 25 (10.0 MHz BAND WIDTH)

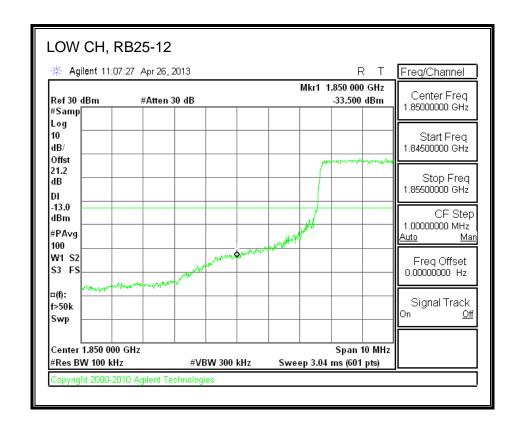


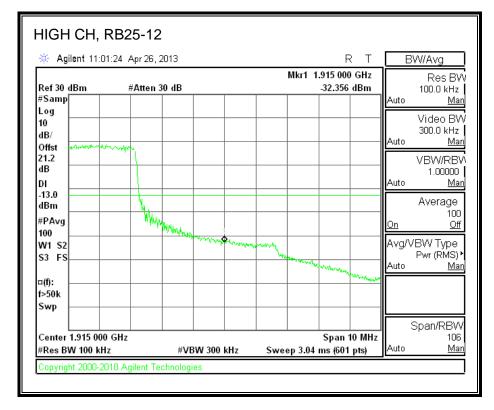


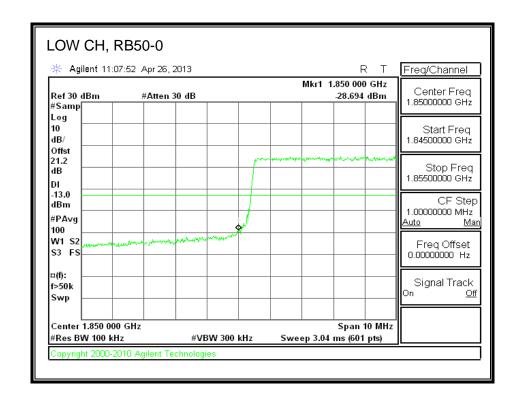
DATE: SEPTEMBER 09, 2013

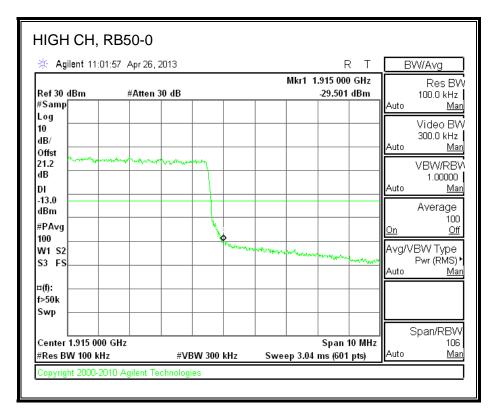




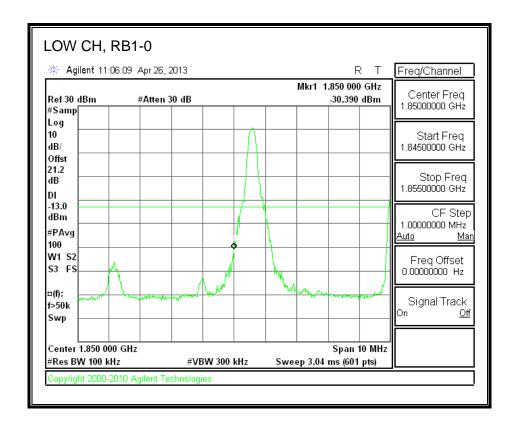


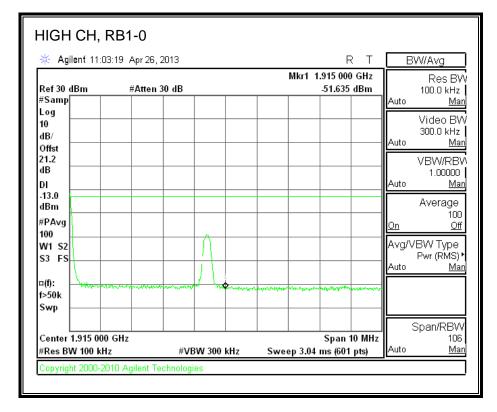




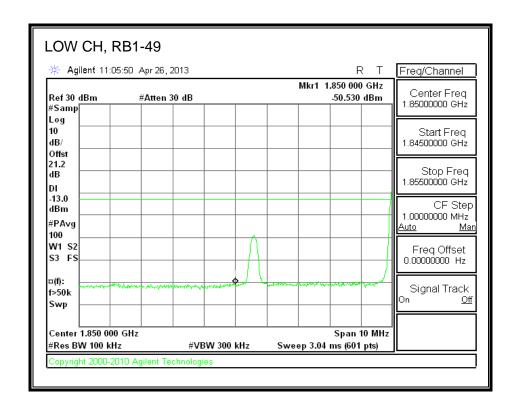


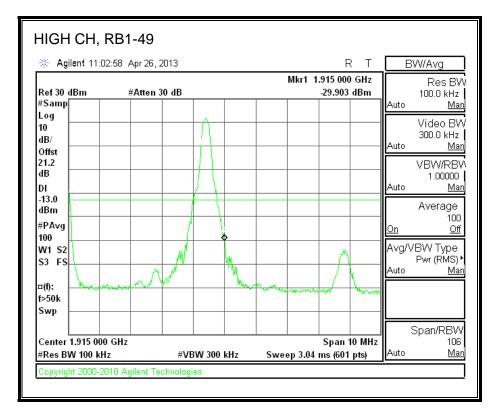
### LTE 16QAM Band 25 (10.0 MHz BAND WIDTH)

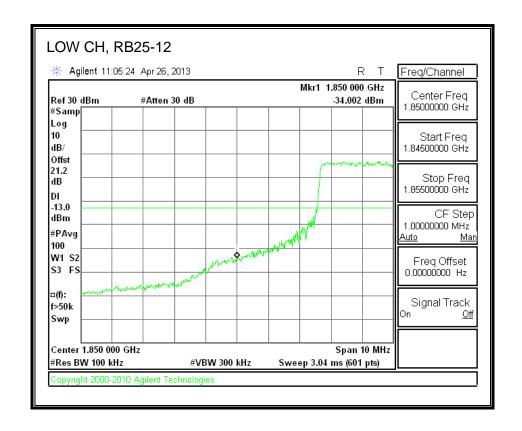


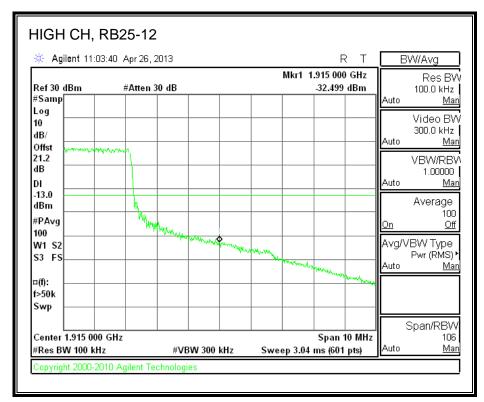


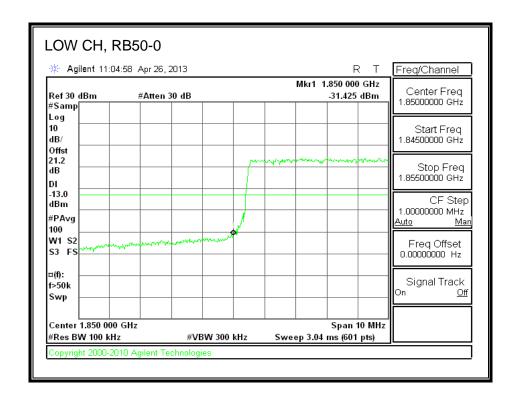
DATE: SEPTEMBER 09, 2013

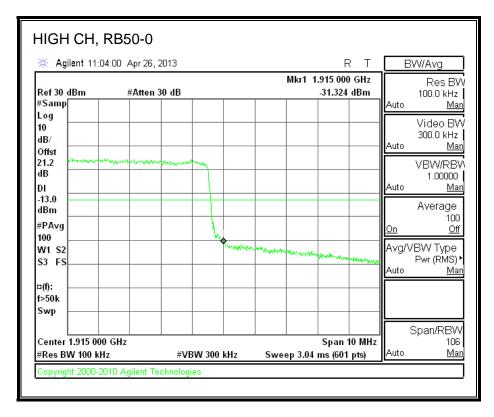




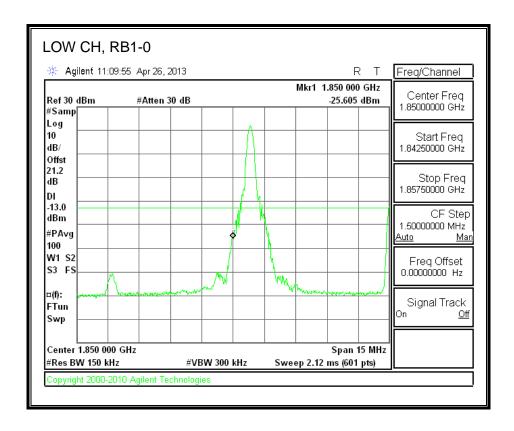


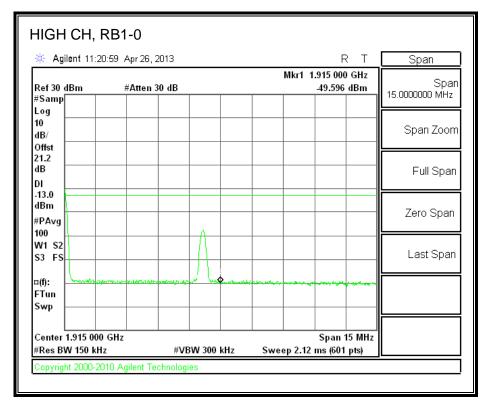




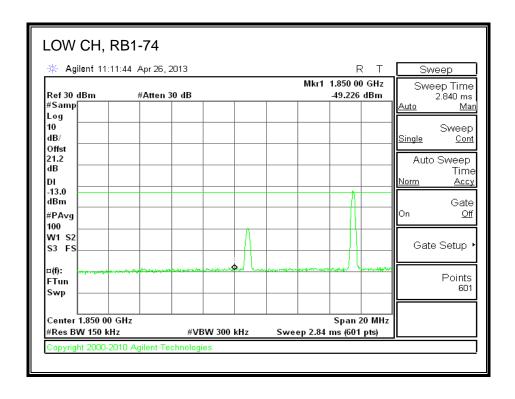


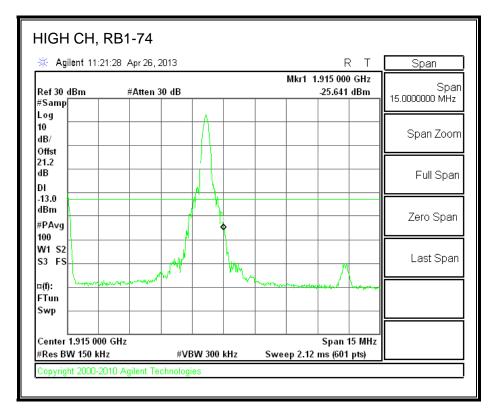
### LTE QPSK Band 25 (15.0 MHz BAND WIDTH)

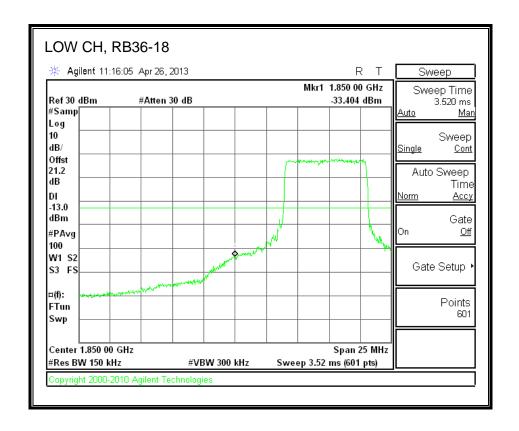


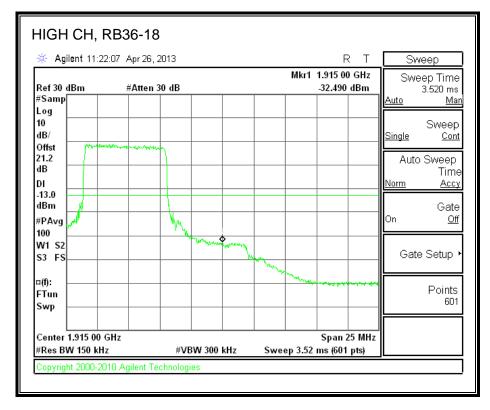


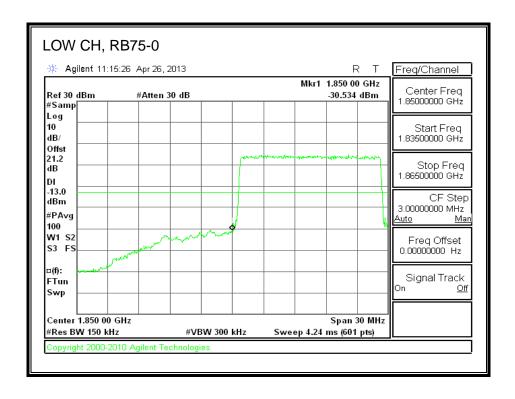
DATE: SEPTEMBER 09, 2013

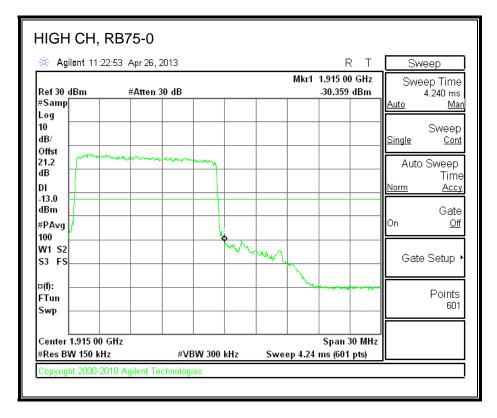




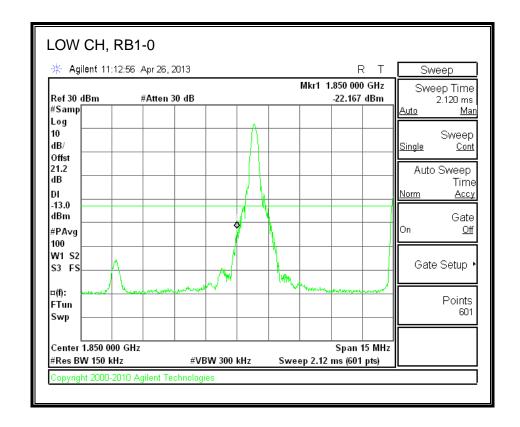


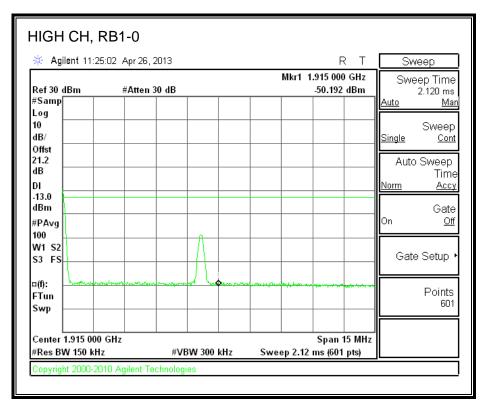




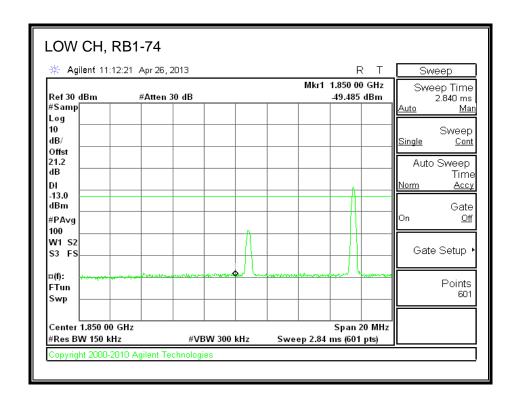


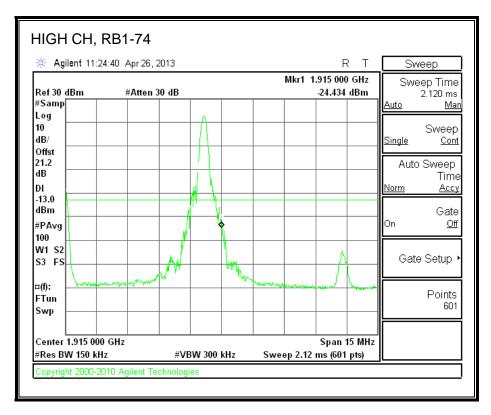
# LTE 16QAM Band 25(15.0 MHz BAND WIDTH)

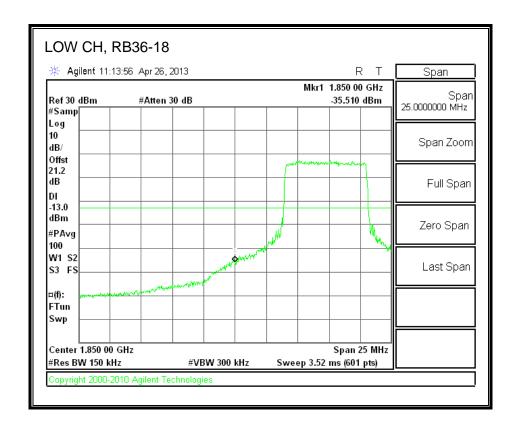


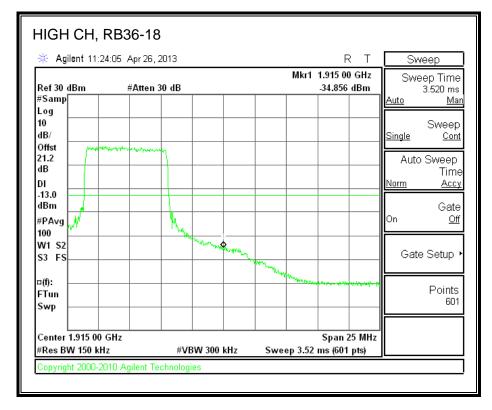


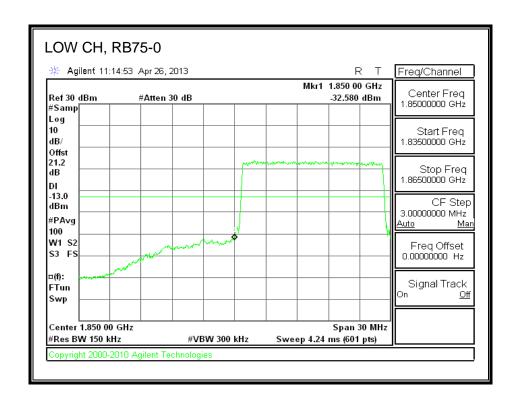
DATE: SEPTEMBER 09, 2013

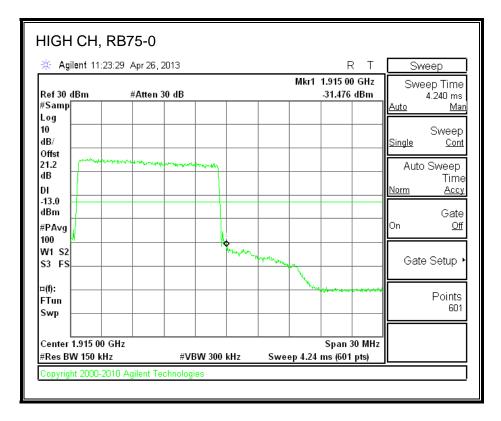




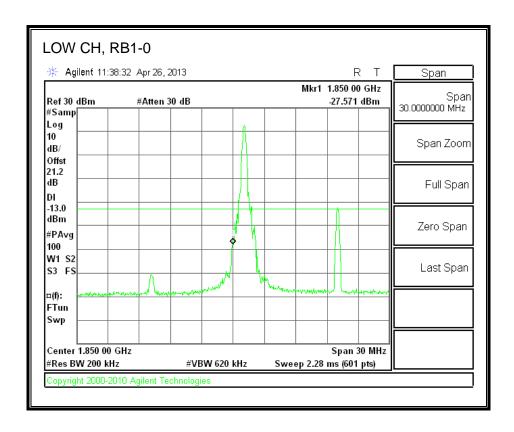


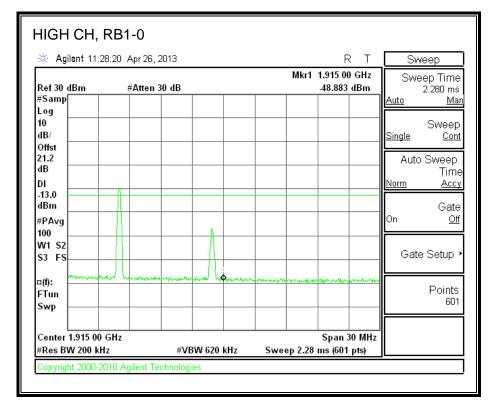


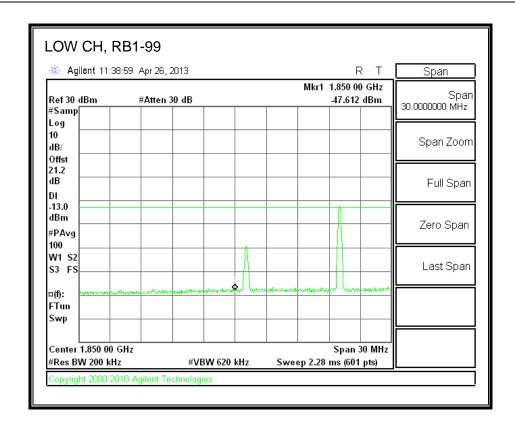


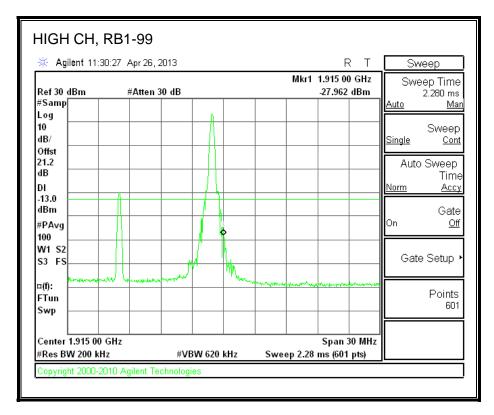


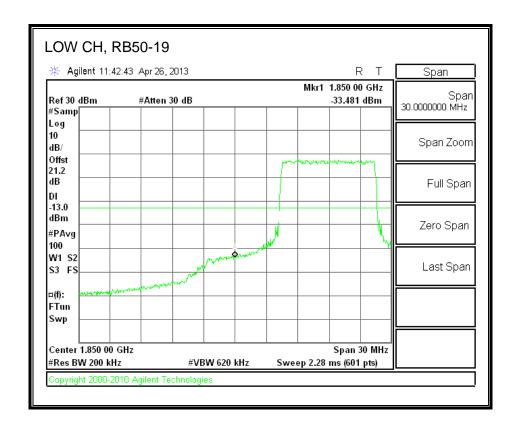
# LTE QPSK Band 25 (20.0 MHz BAND WIDTH)

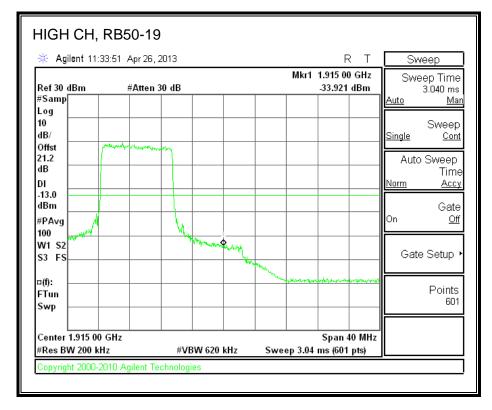


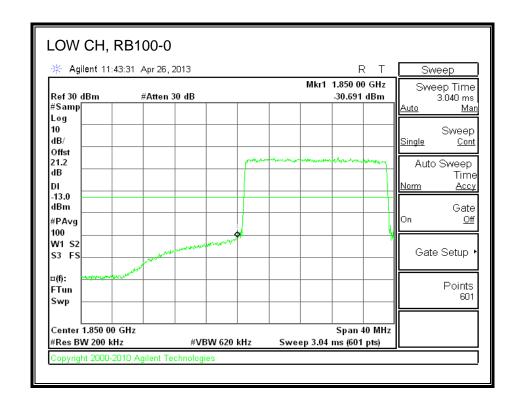


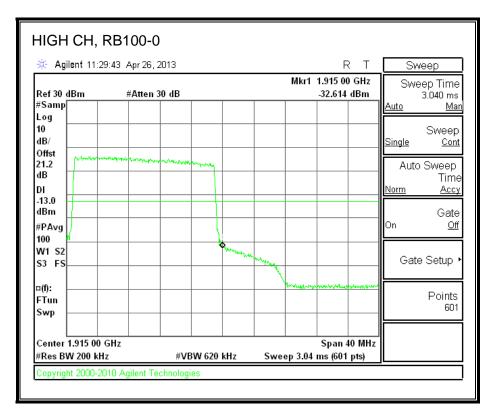




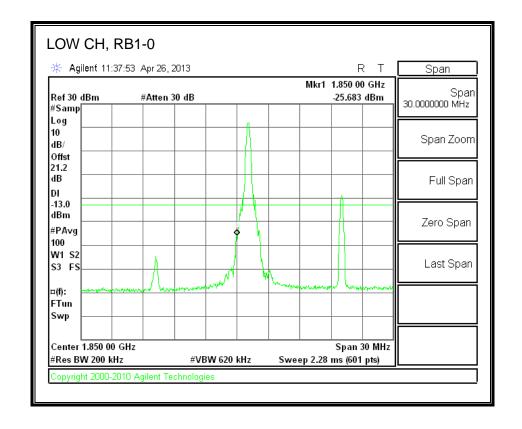


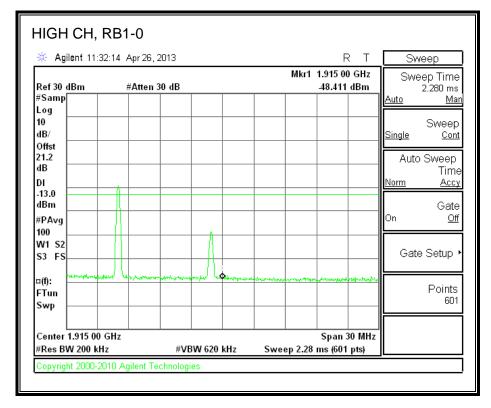




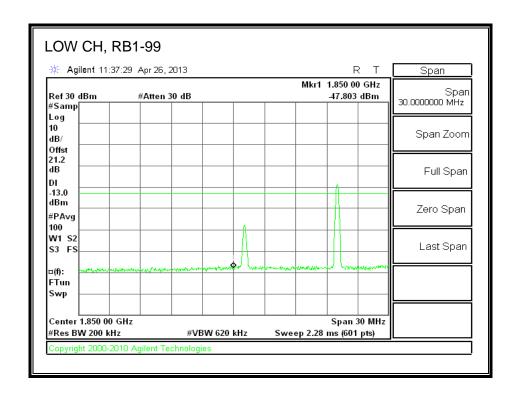


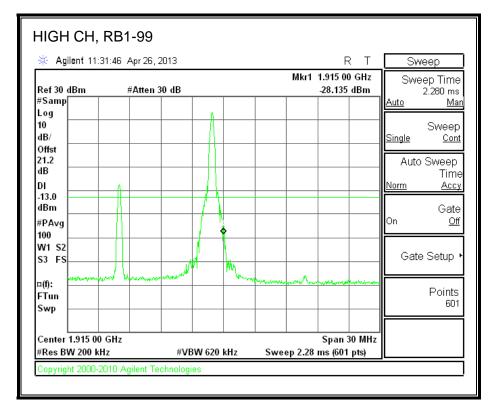
### LTE 16QAM Band 25 (20.0 MHz BAND WIDTH)

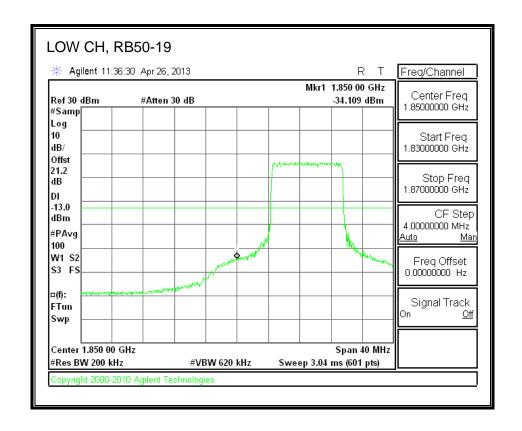


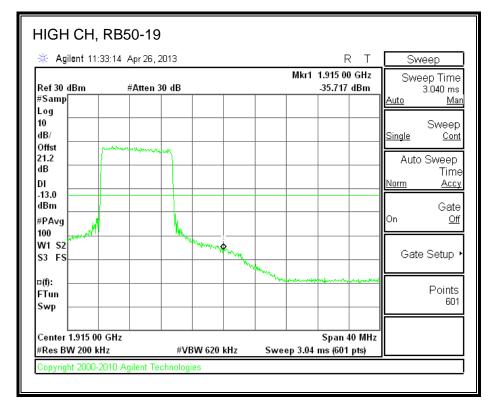


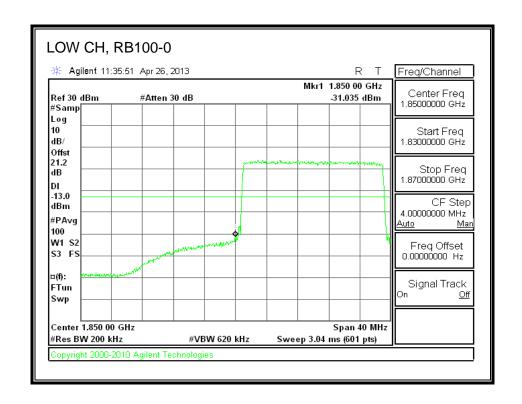
DATE: SEPTEMBER 09, 2013

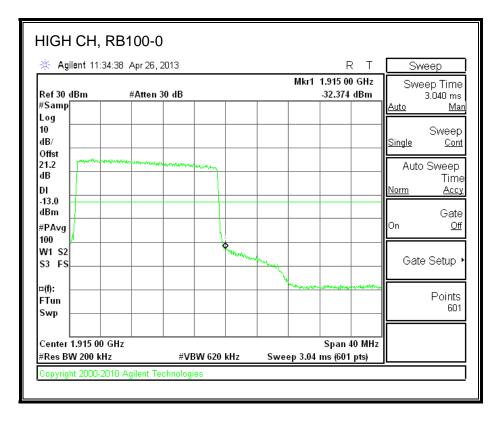








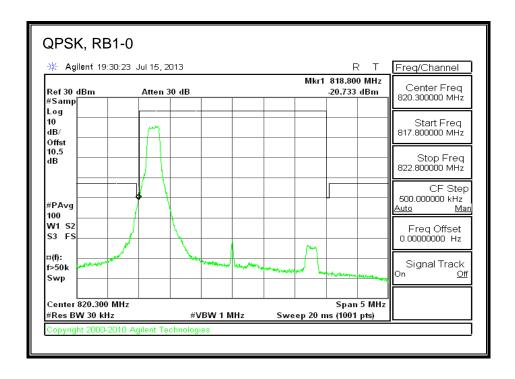


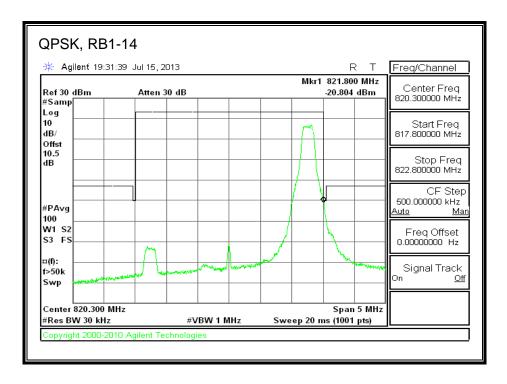


### 8.2.7. LTE BAND 26

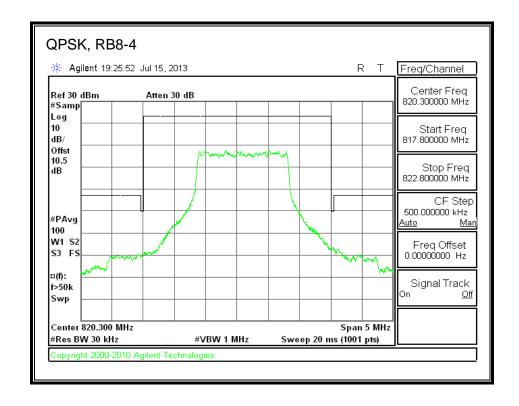
#### **PART 90 EMISSION MASK**

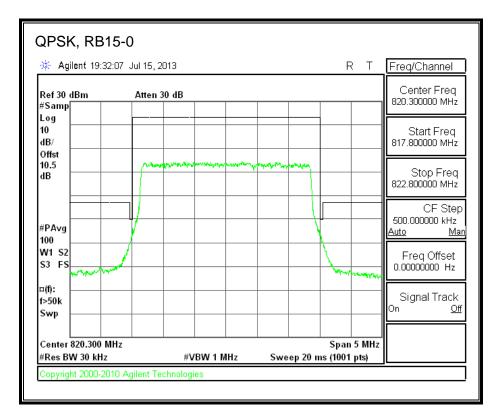
# 820.3MHz at 3.0MHz BW

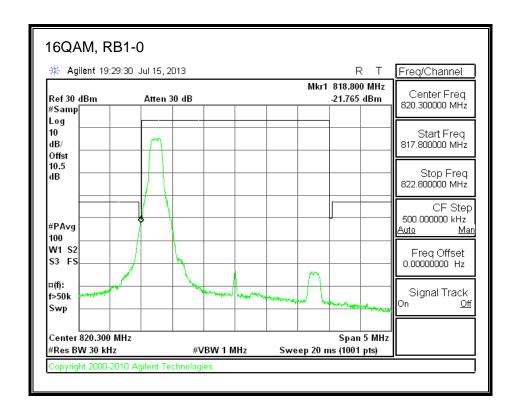


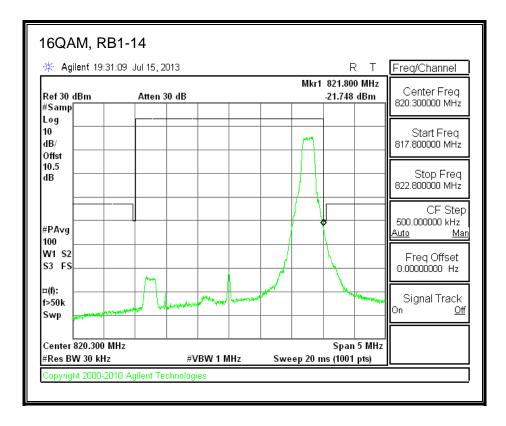


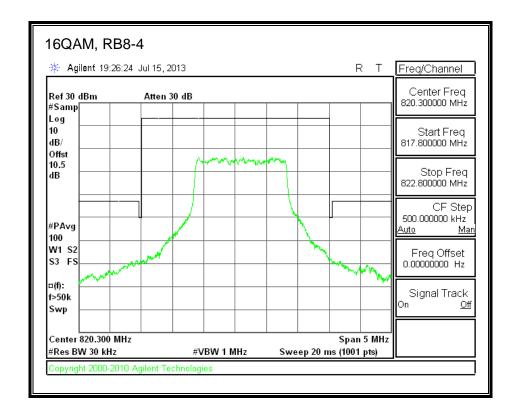
DATE: SEPTEMBER 09, 2013

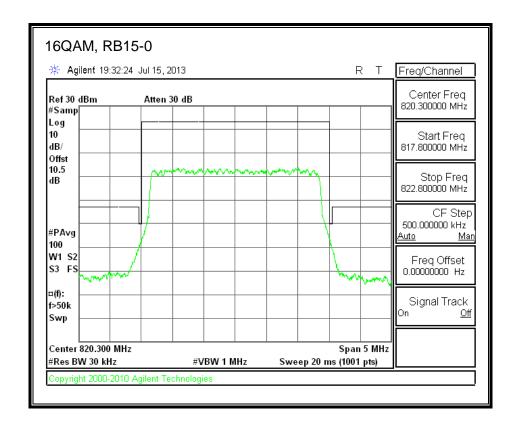




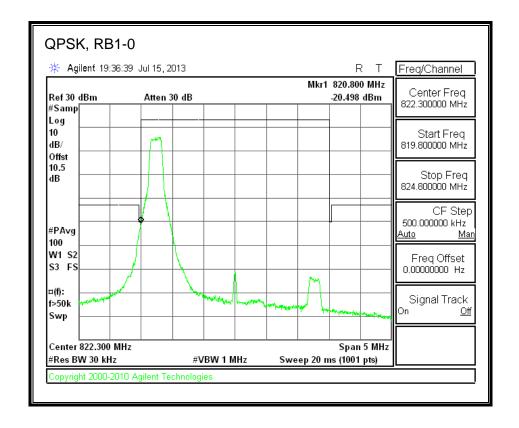


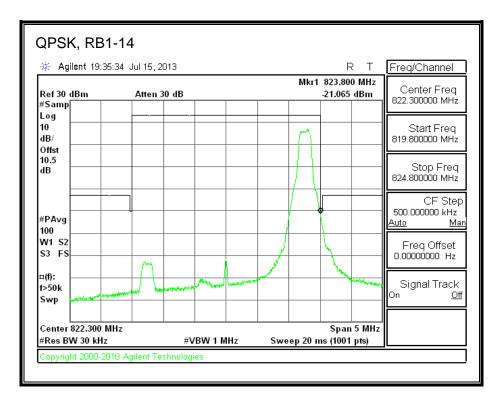




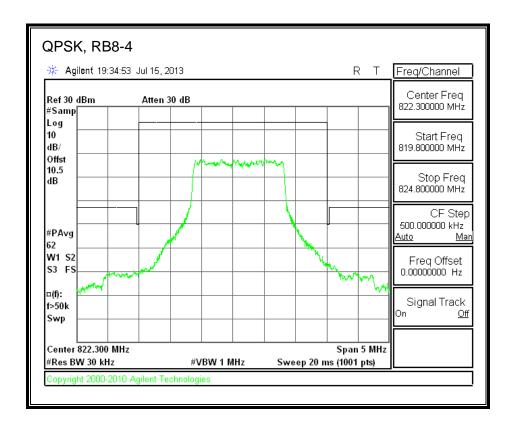


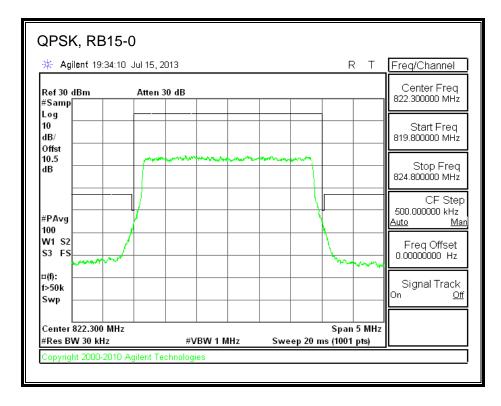
### 822.3MHz at 3.0MHz BW

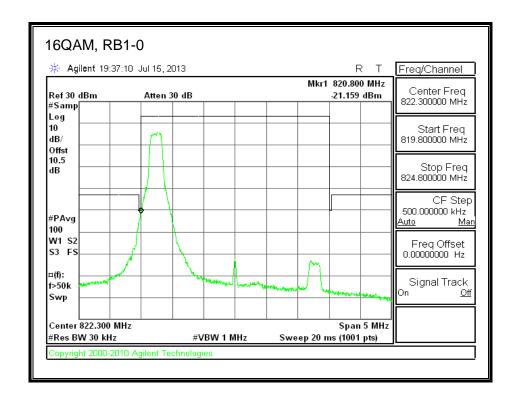


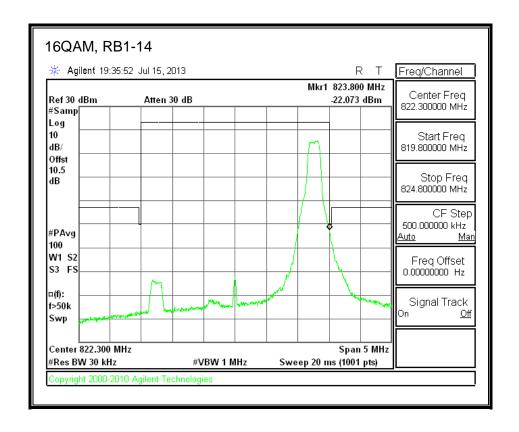


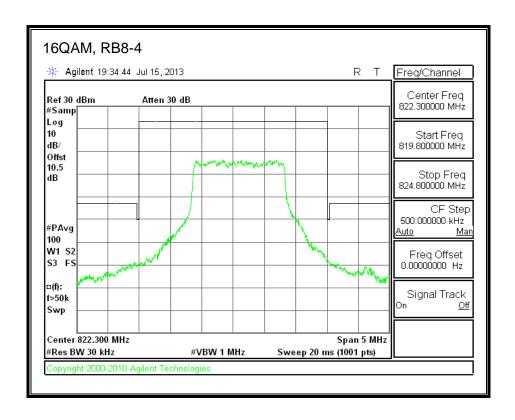
DATE: SEPTEMBER 09, 2013

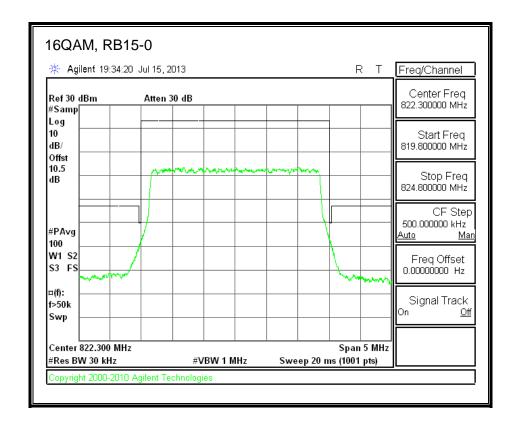




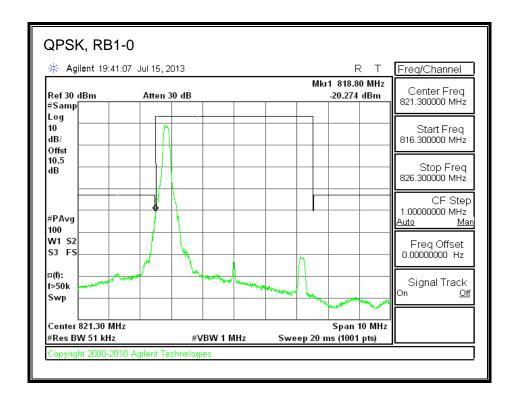


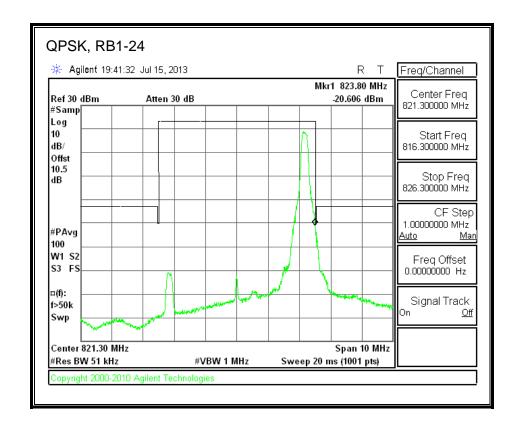




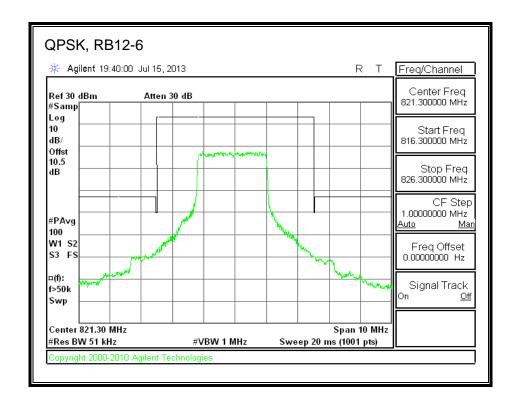


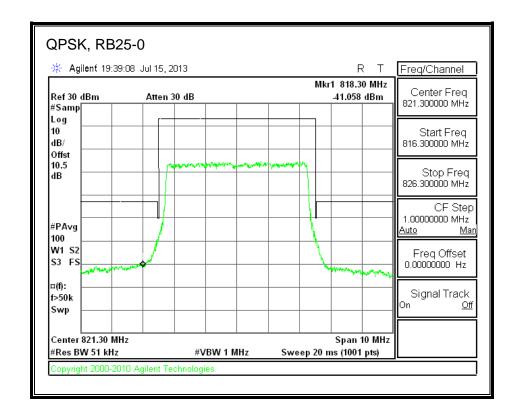
# 821.3MHz at 5.0MHz BW

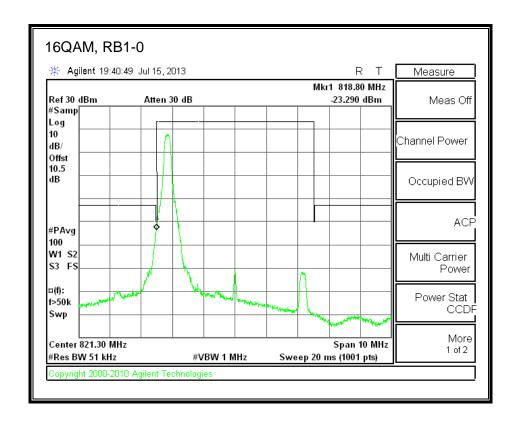


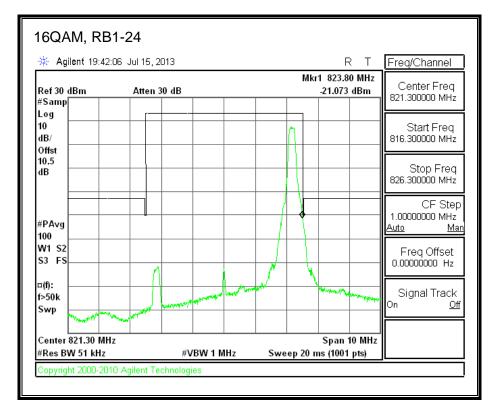


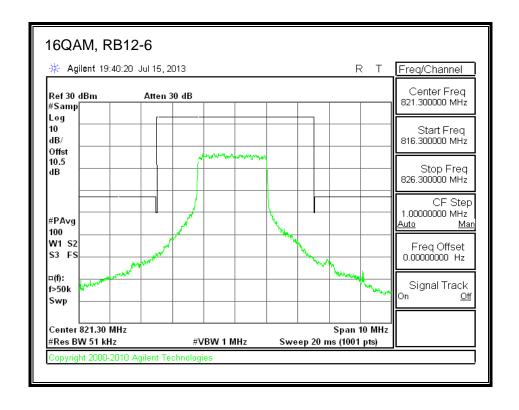
DATE: SEPTEMBER 09, 2013

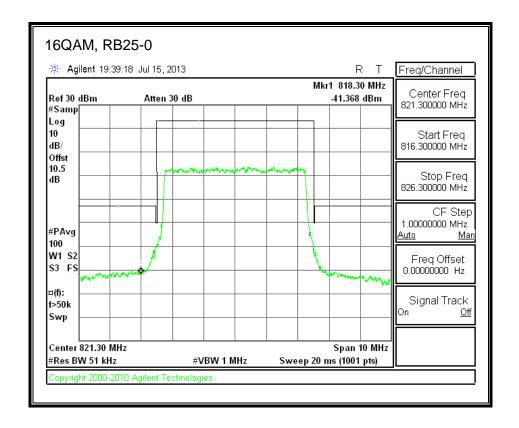












REPORT NO: 13U14987-2 EUT: QUAD-BAND RADIO WITH WLAN AND BT RADIO

### 8.3. OUT OF BAND EMISSIONS

### **RULE PART(S)**

FCC: §2.1051, §22.901, §22.917, §24.238 and §27.53 IC: RSS-132, 4.5; RSS-133, 6.5 and RSS-139, 6.5

#### **LIMITS**

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 RF output of the transmitter was connected to a spectrum analyzer through a calibrated coaxial cable. Sufficient scans were taken to show the out-of-band Emissions, if any, up to 10th harmonic. Multiple sweeps were recorded in maximum hold mode using a peak detector to ensure that the worst-case emissions were caught.

For each out of band emissions measurement:

- Set display line at -13 dBm
- Set RBW & VBW to 100 kHz for the measurement below 1 GHz, and 1 MHz for the measurement above 1 GHz.

#### **MODES TESTED**

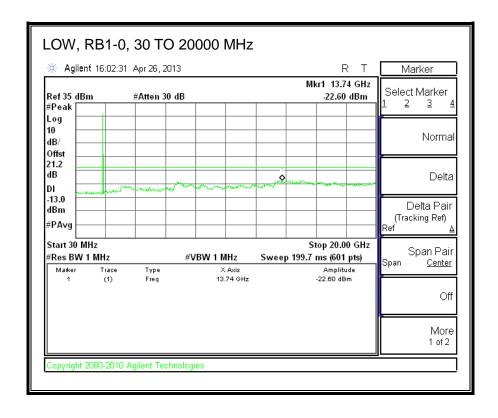
- Port A Band 2
- Port A Band 4
- Port A Band 5
- Port A Band 13
- Port A Band 17
- Port A Band 25
- Port A Band 26

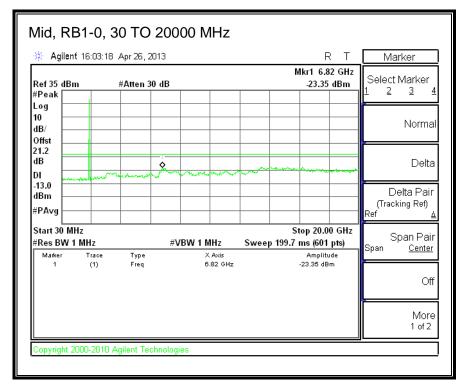
#### **RESULTS**

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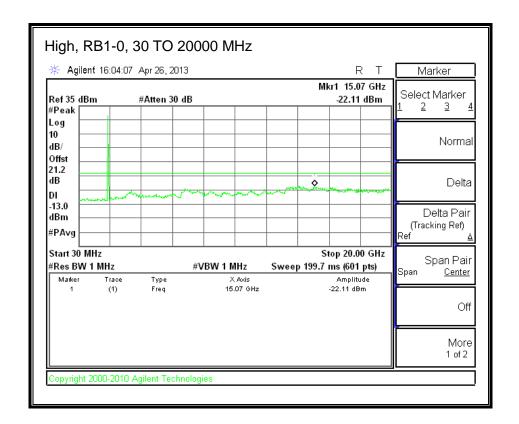
### 8.3.1. LTE BAND 2

#### LTE QPSK, 1.4 MHz BAND WIDTH

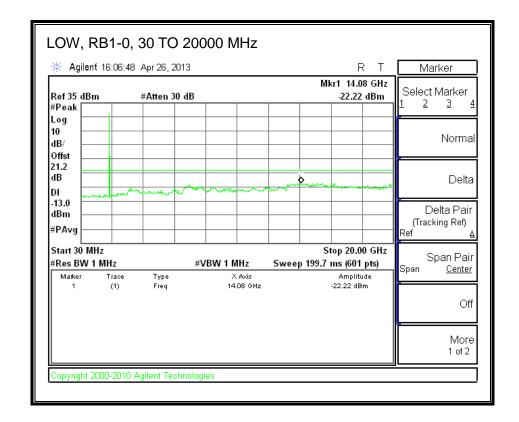


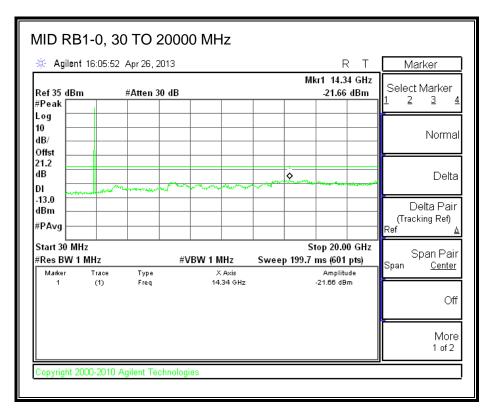


DATE: SEPTEMBER 09, 2013

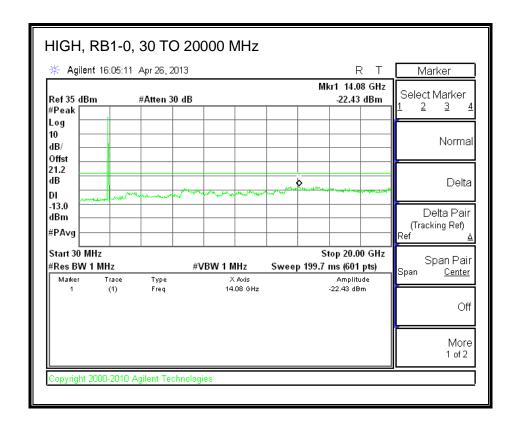


### LTE 16QAM

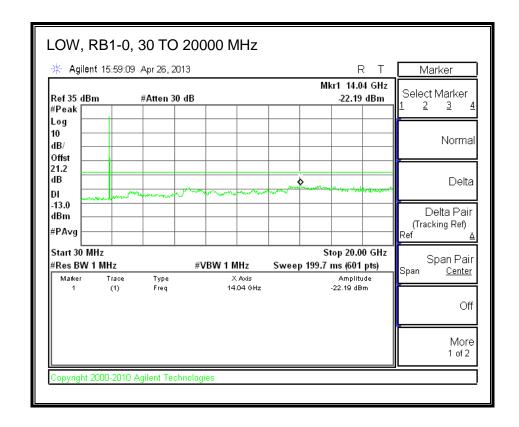


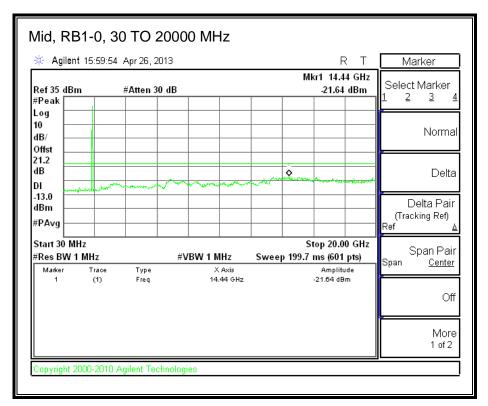


DATE: SEPTEMBER 09, 2013

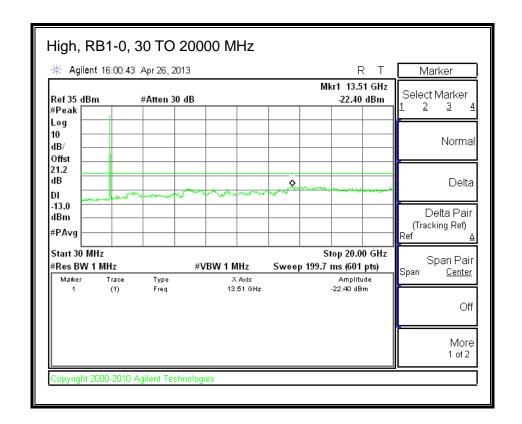


#### LTE QPSK, 3.0 MHz BAND WIDTH

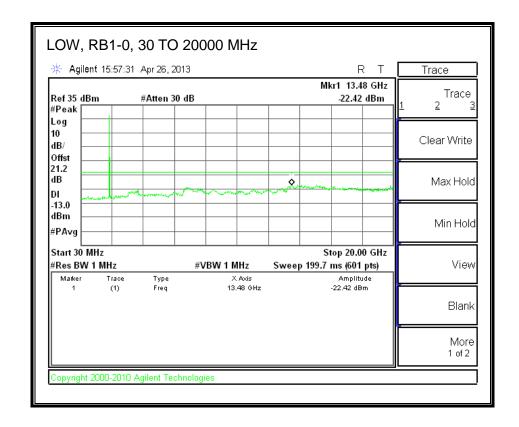


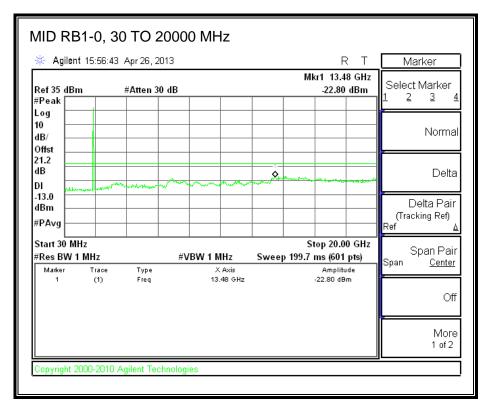


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# LTE 16QAM





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