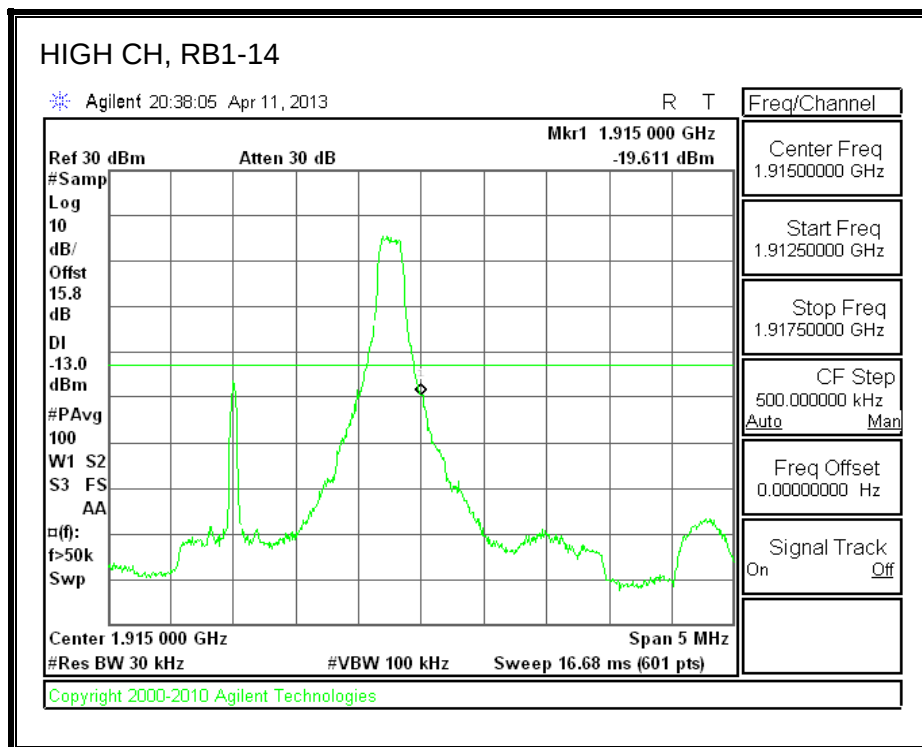
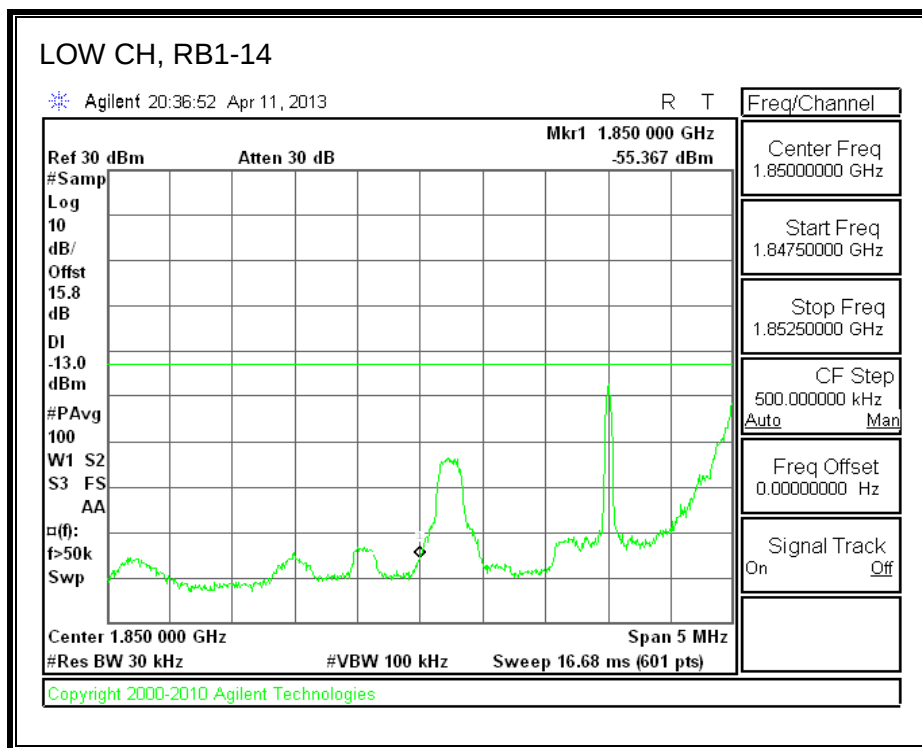
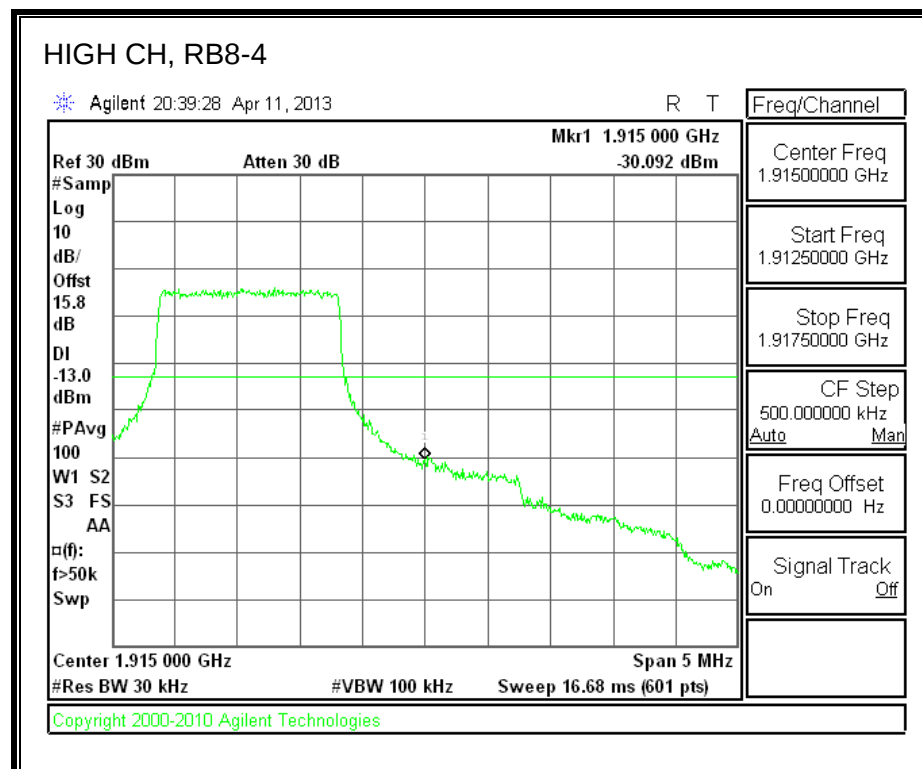
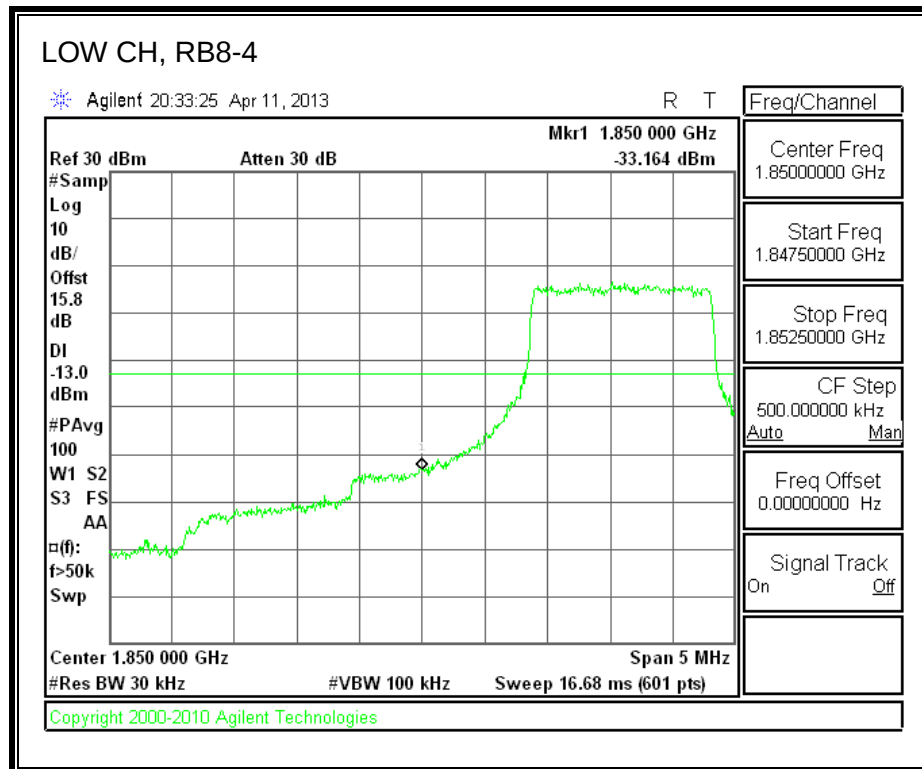
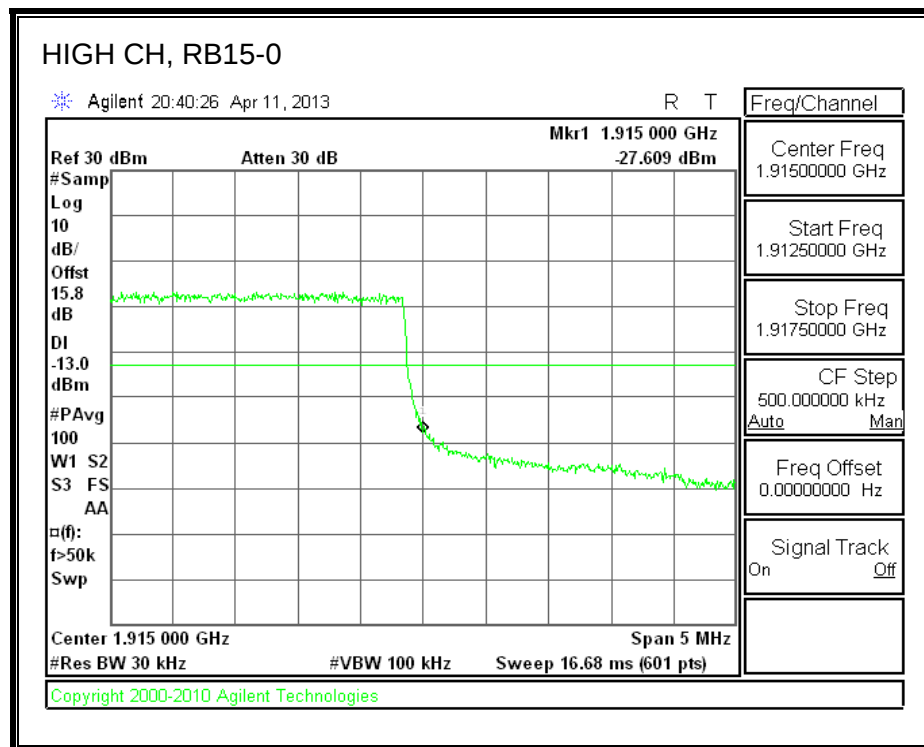
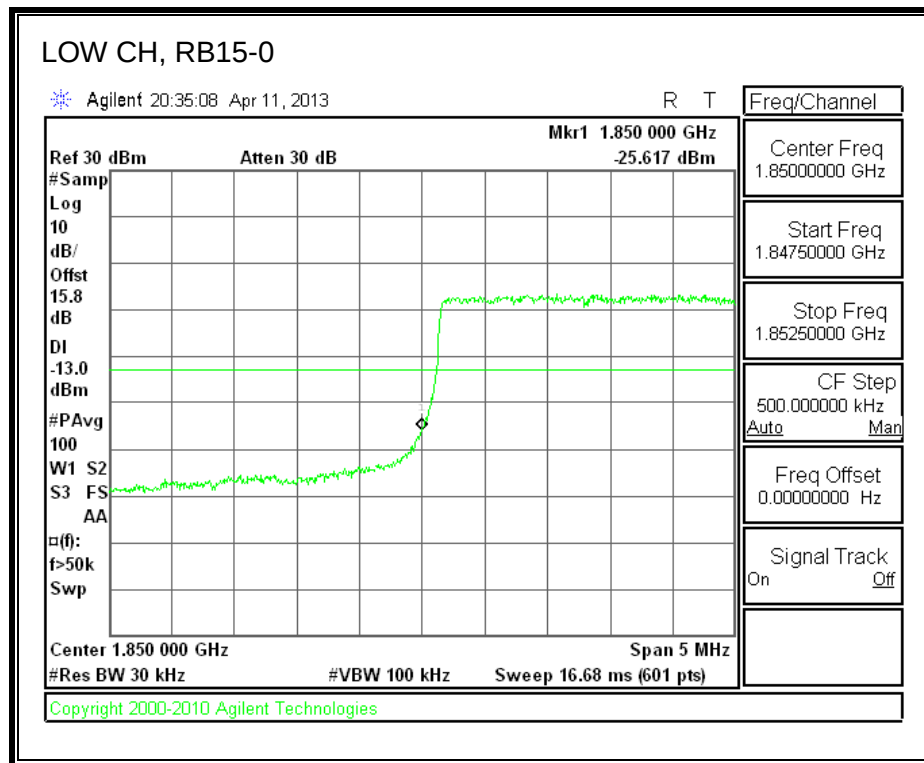
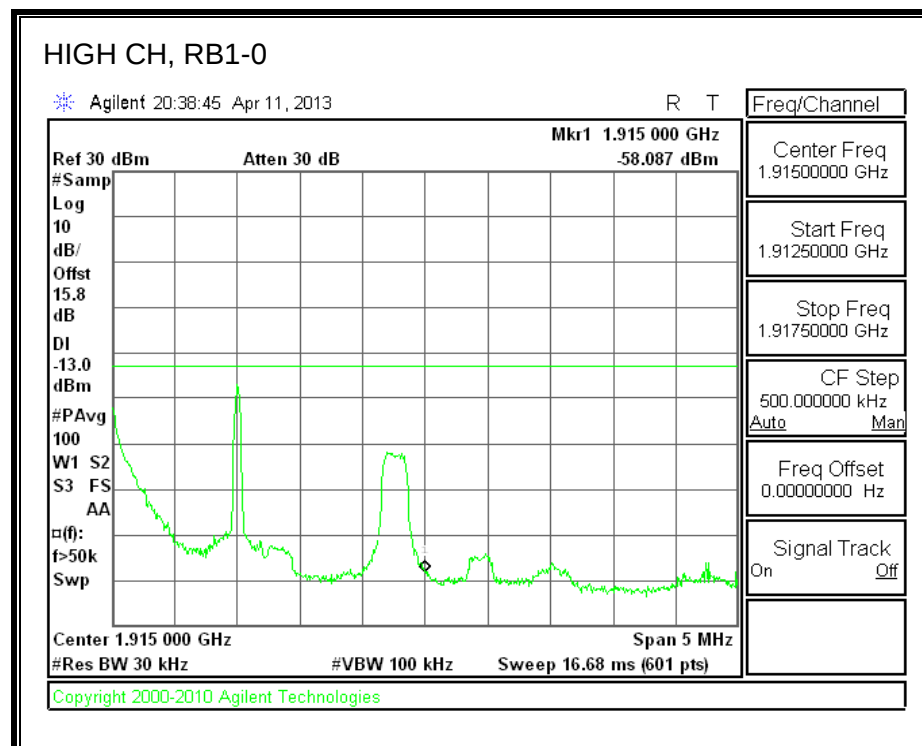
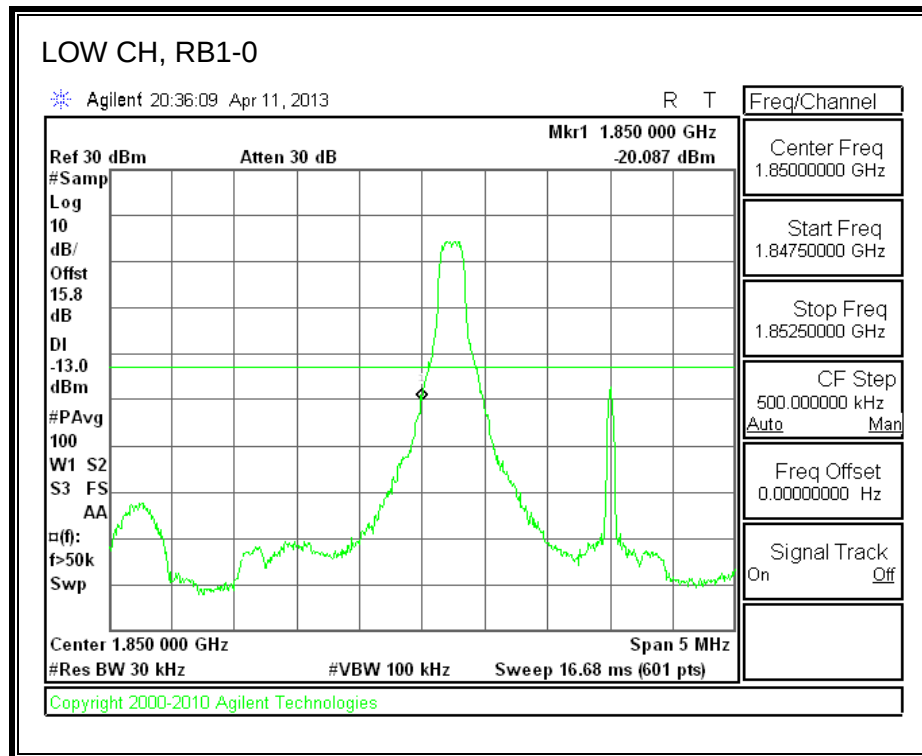


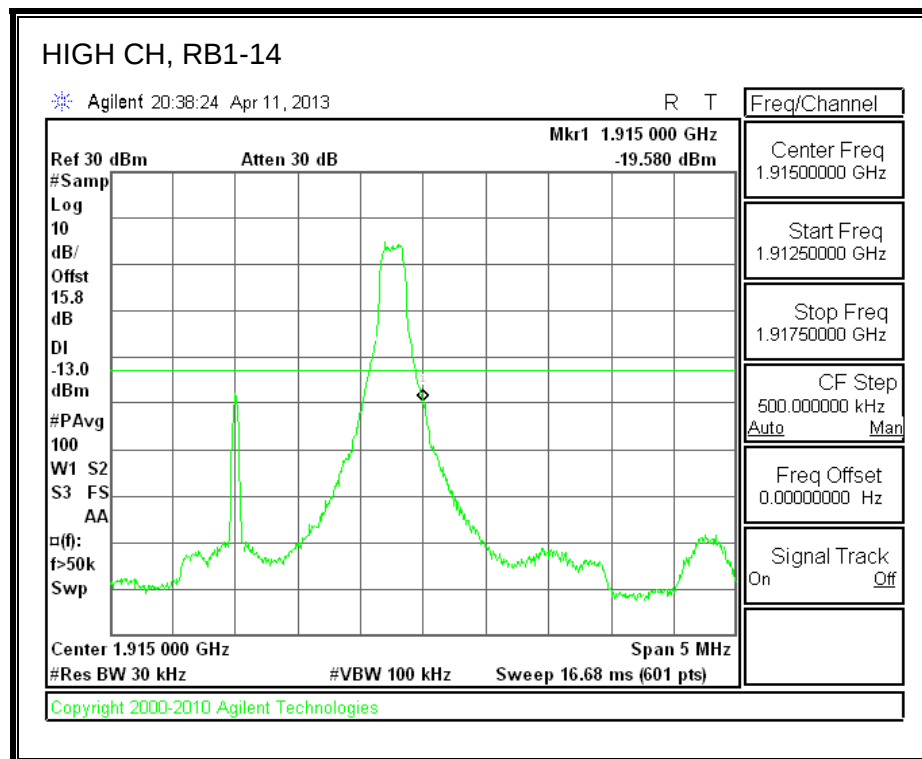
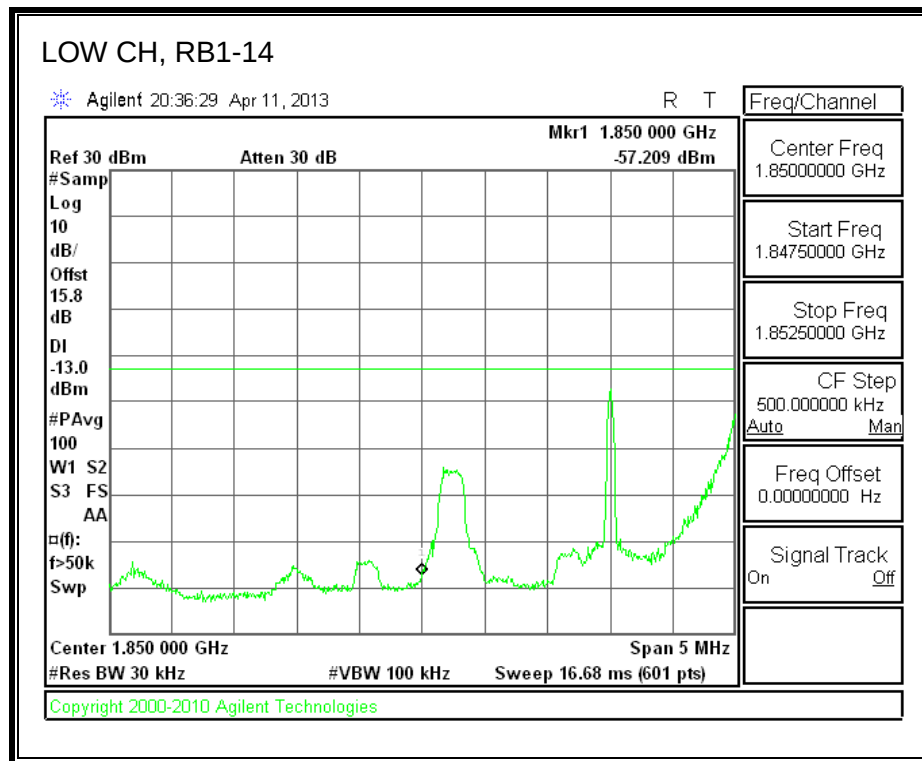


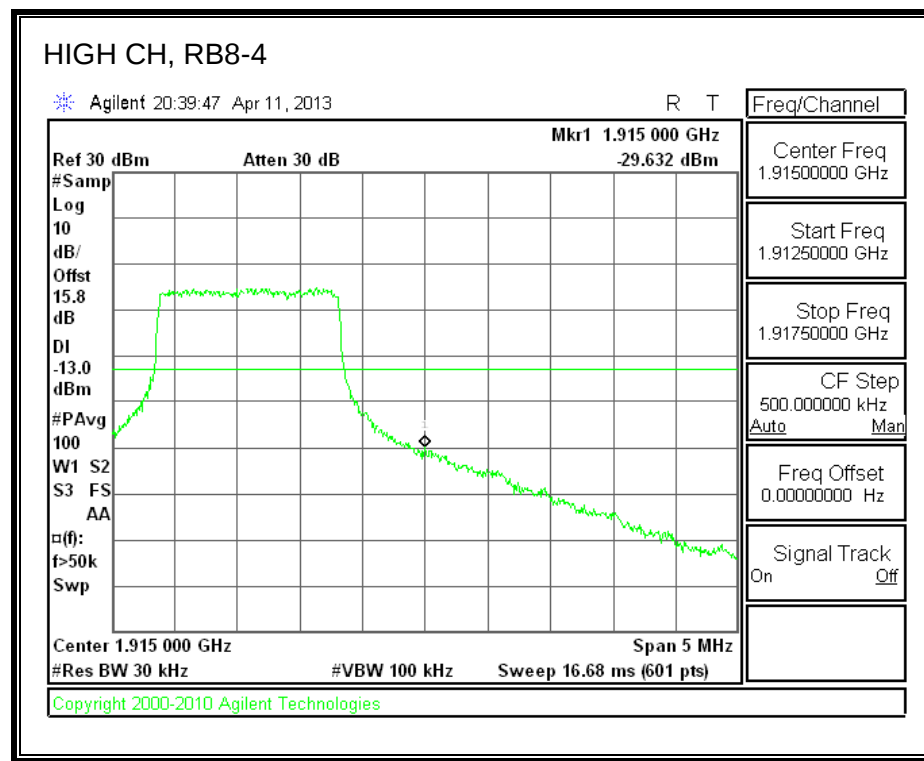
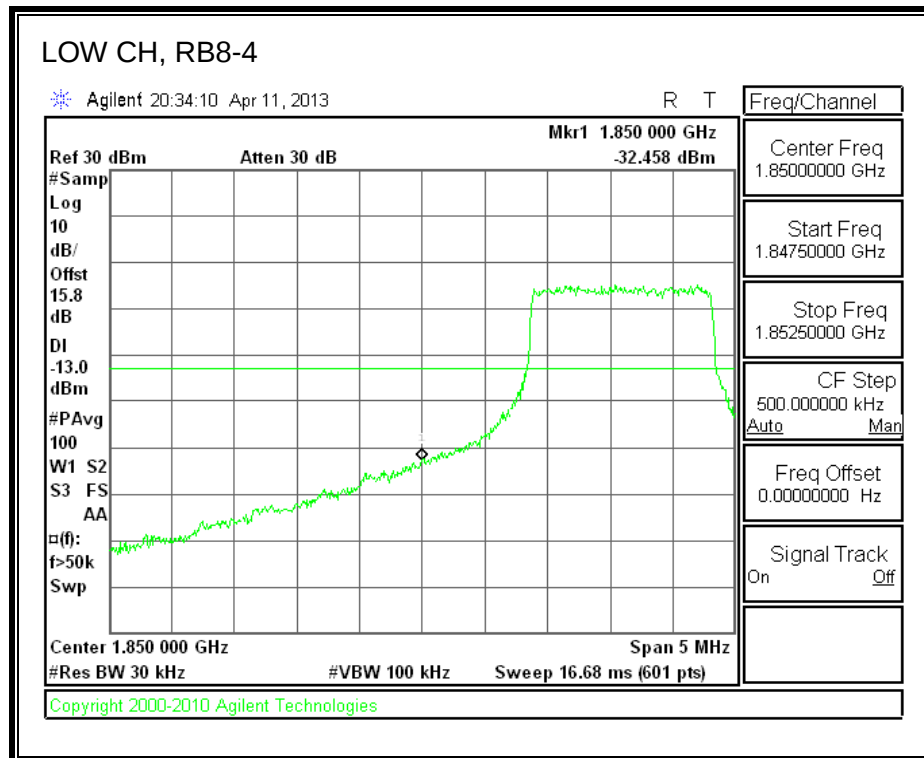


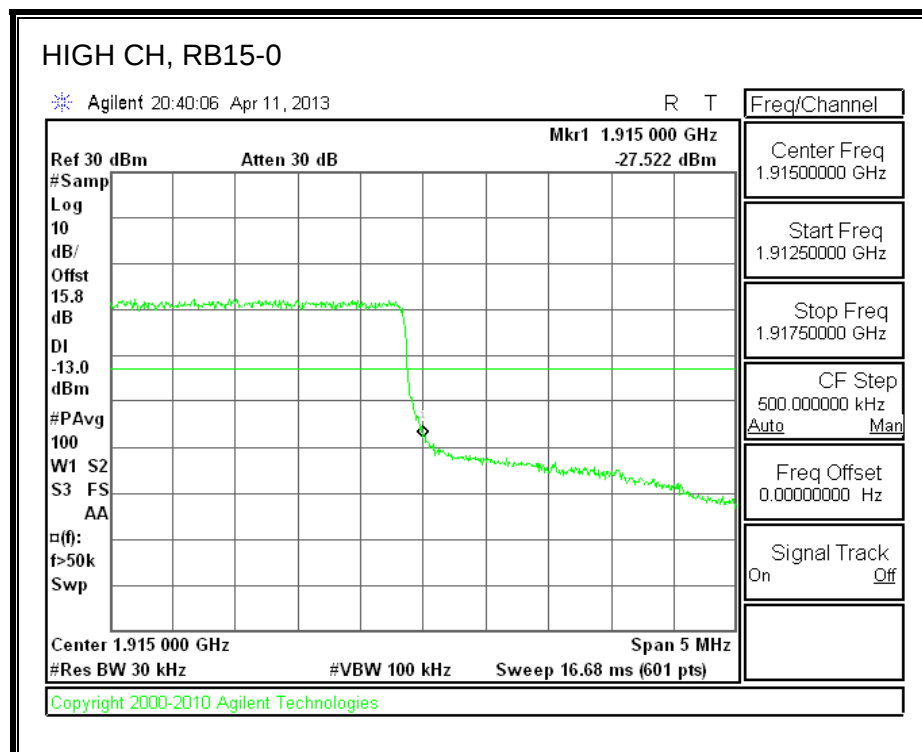
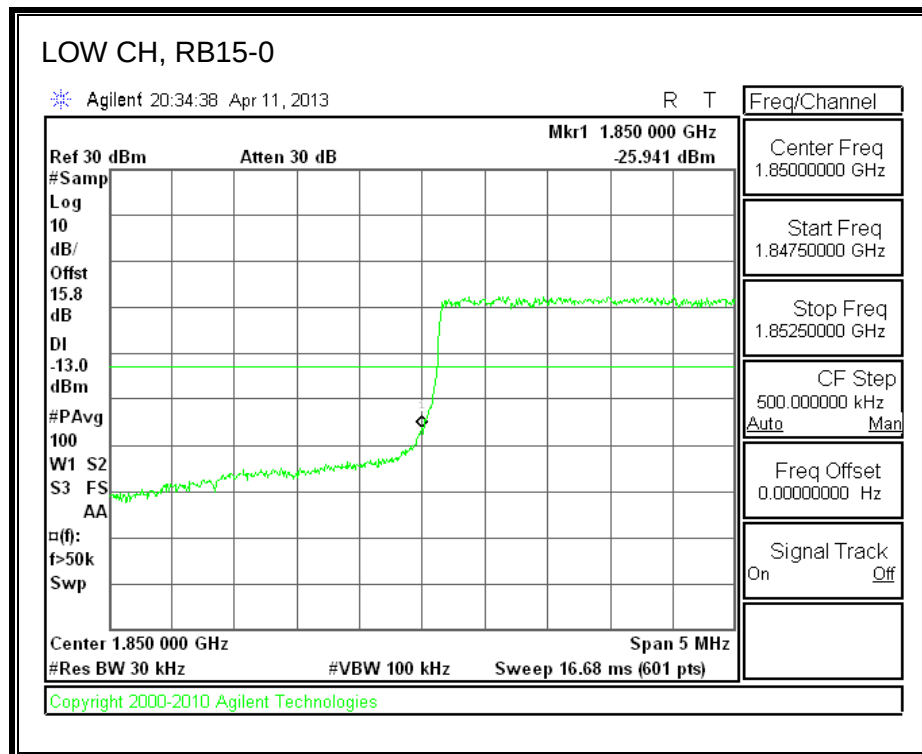


LTE 16QAM Band 25 (3 MHz BANDWIDTH)

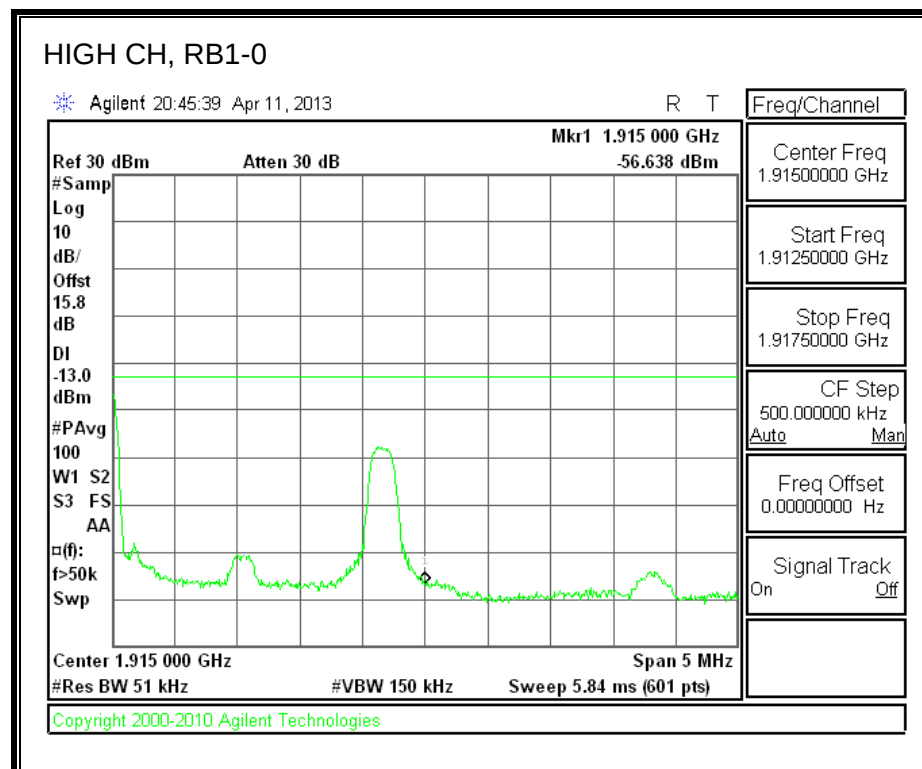
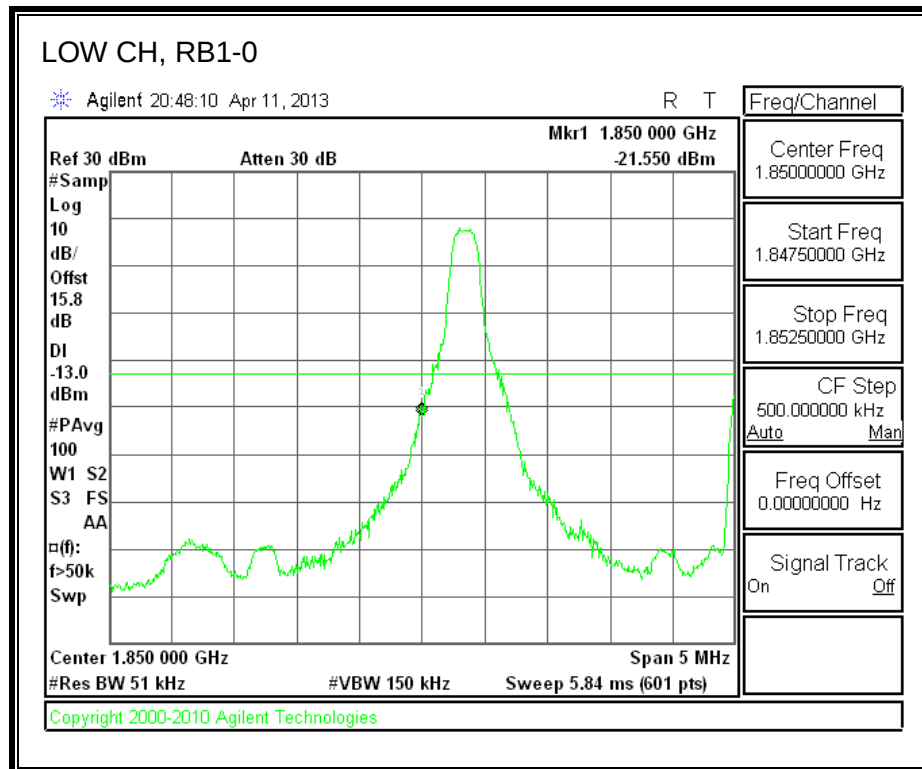


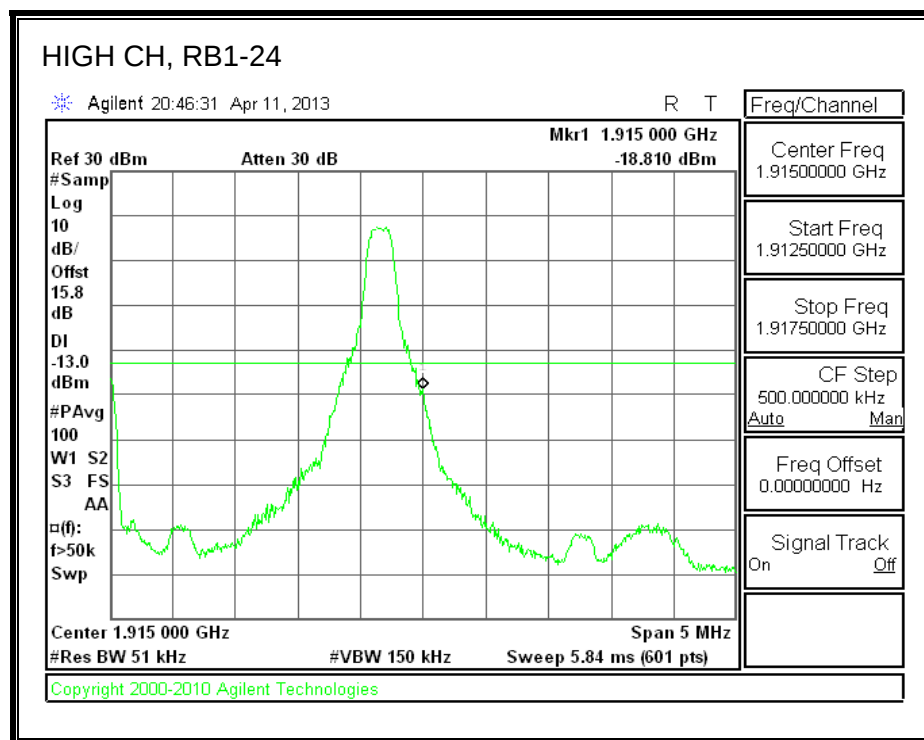
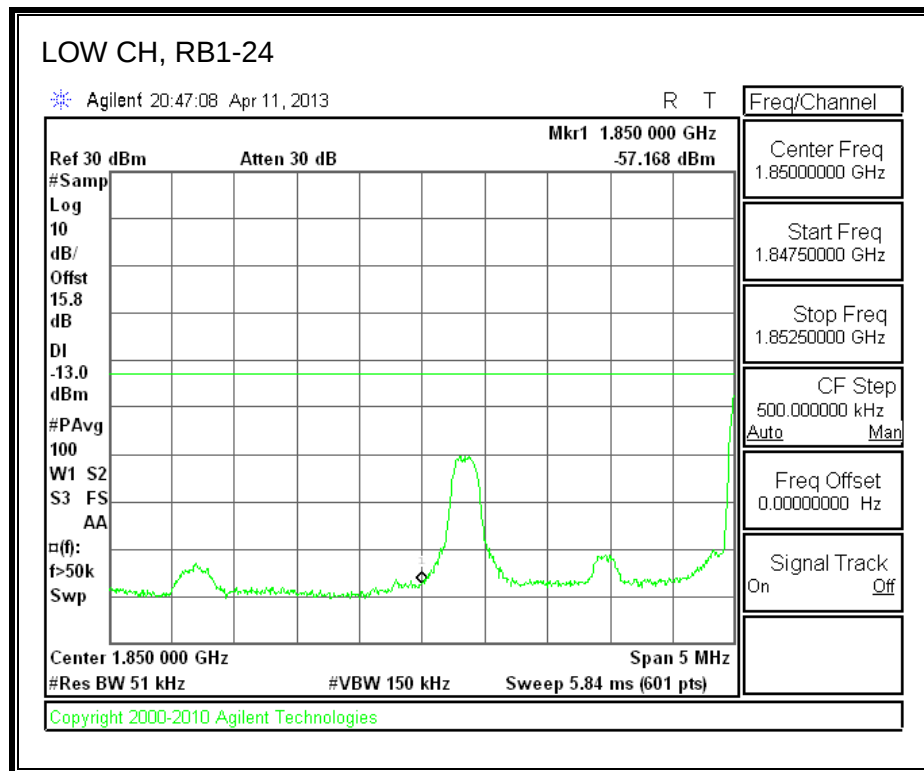


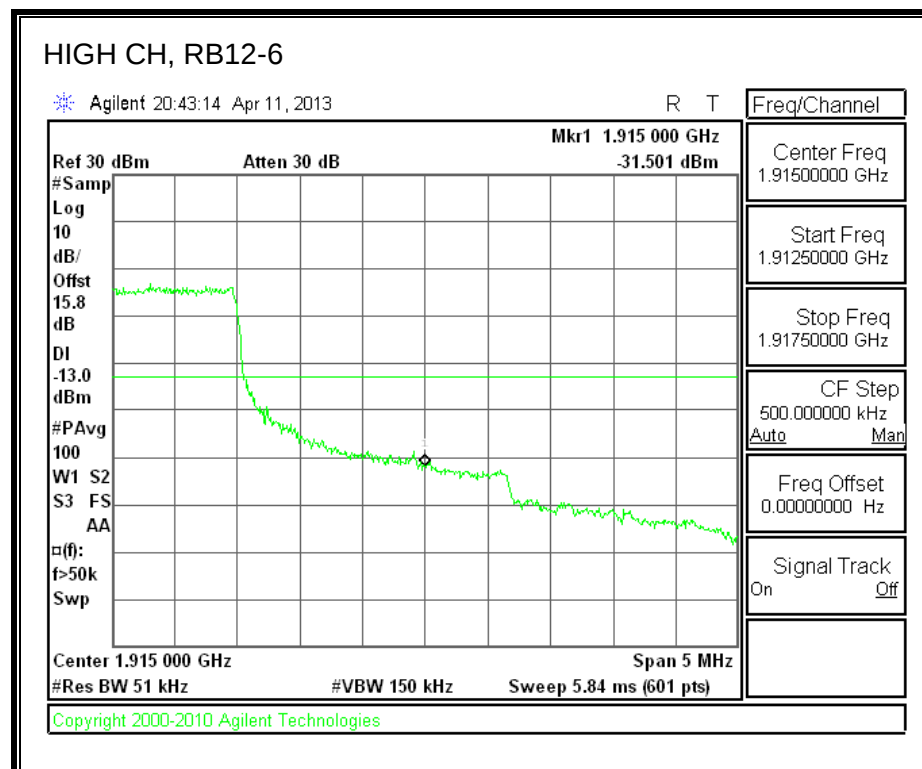
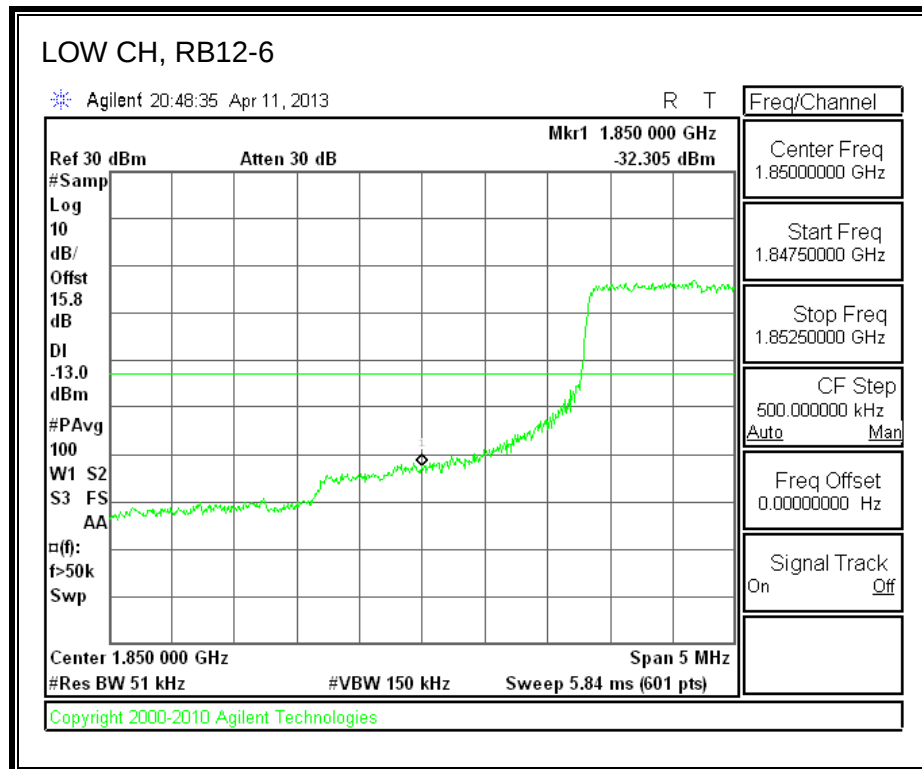


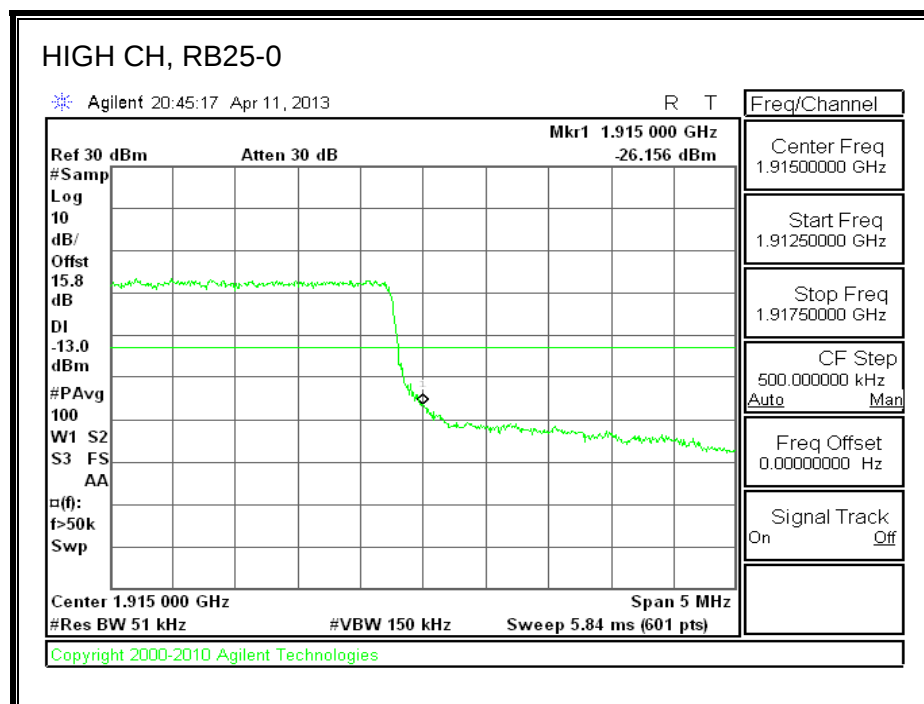
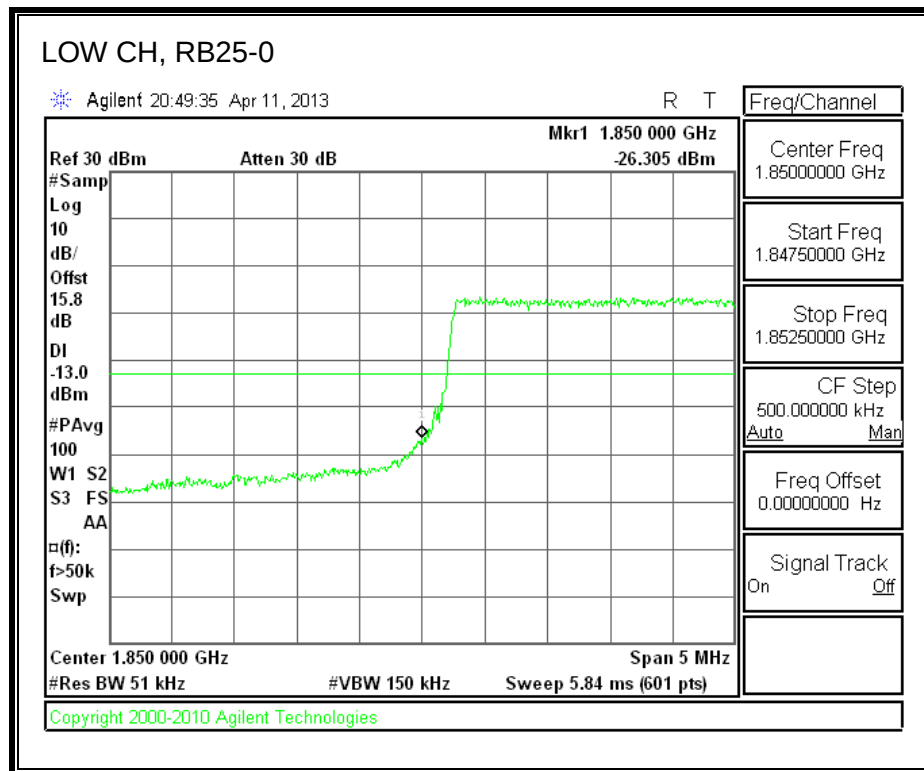


LTE QPSK Band 25 (5.0 MHz BANDWIDTH)

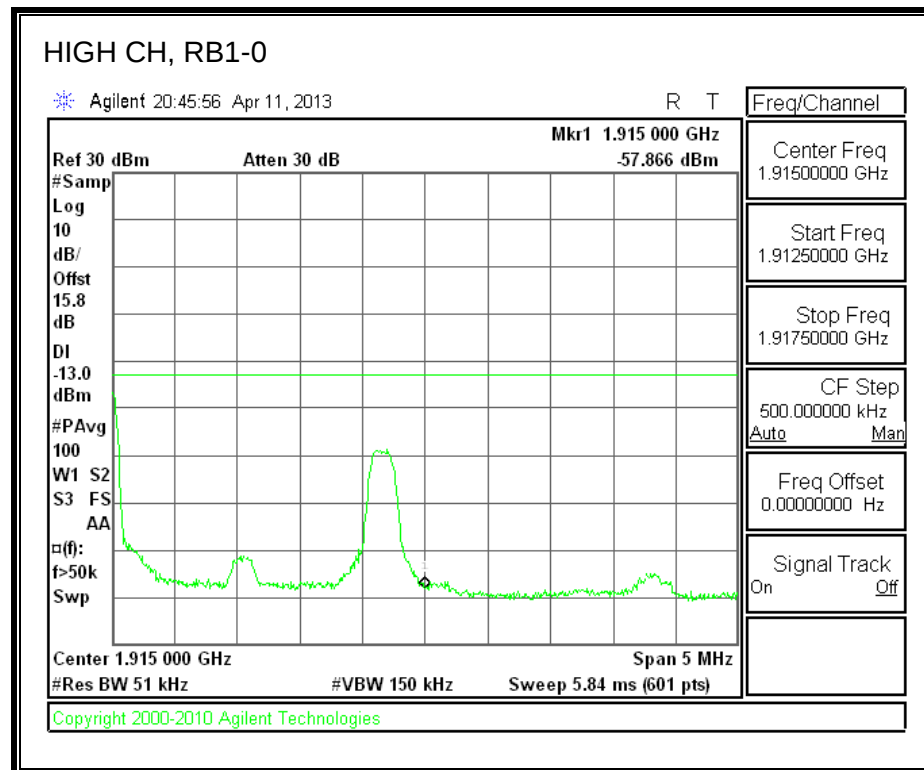
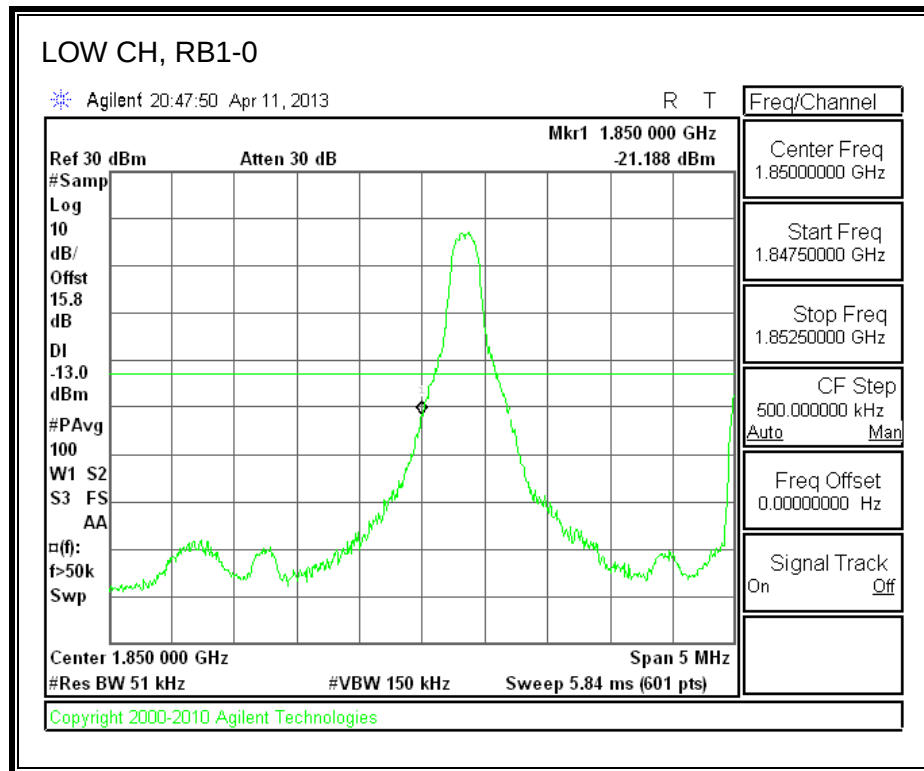


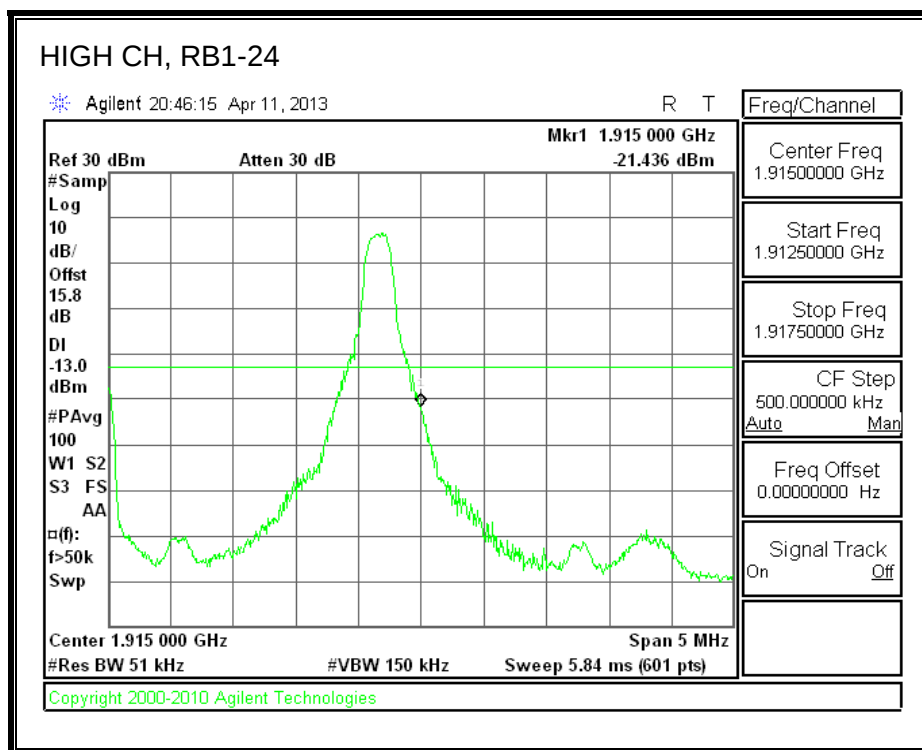
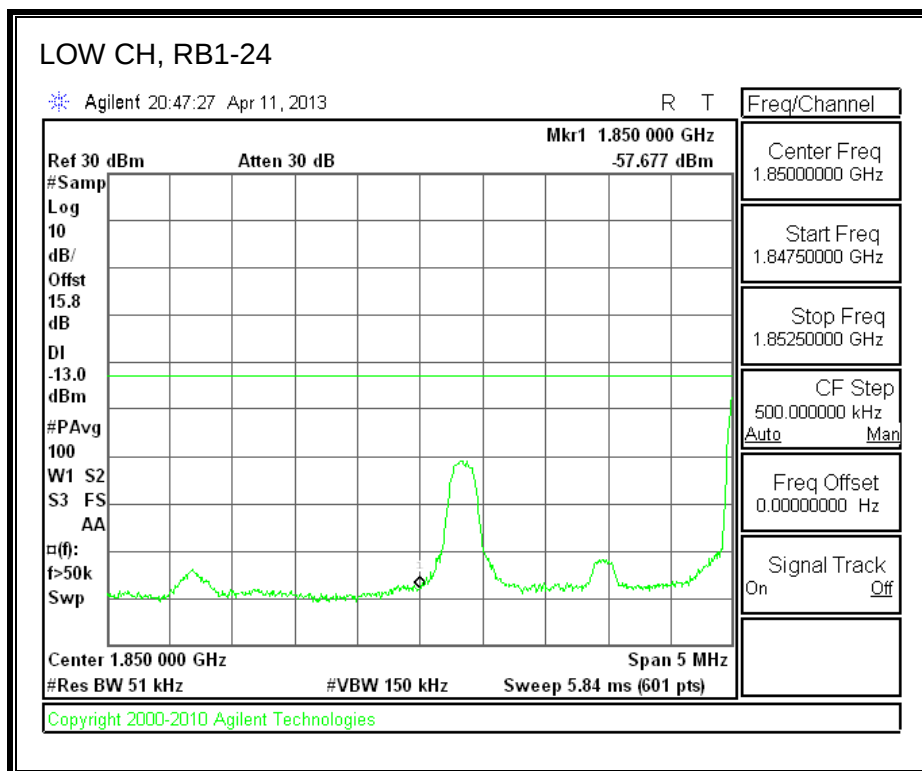


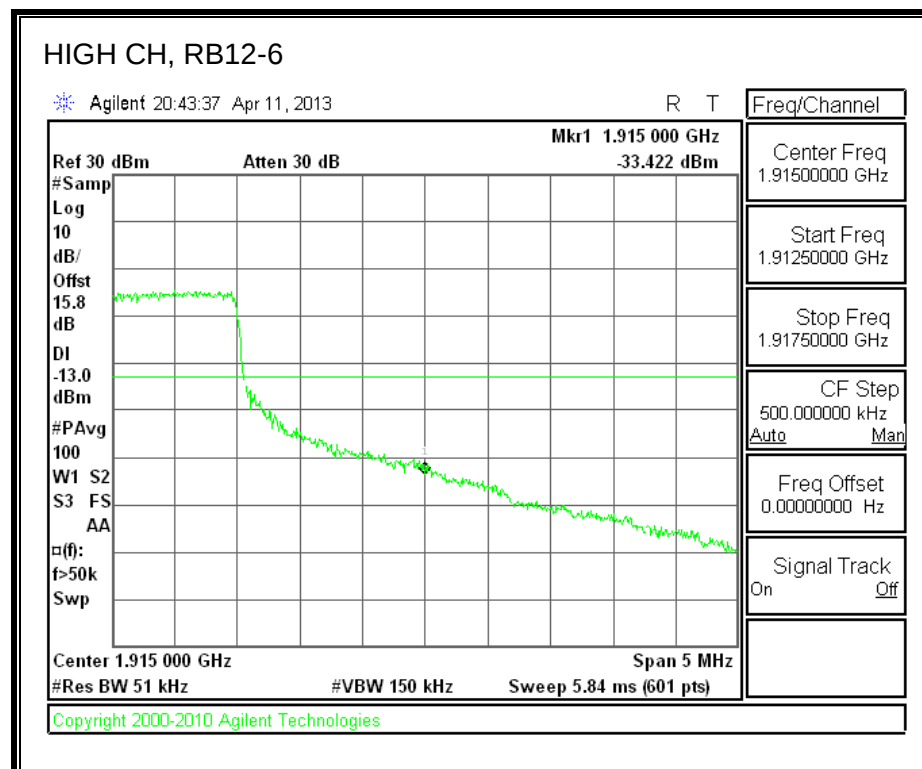
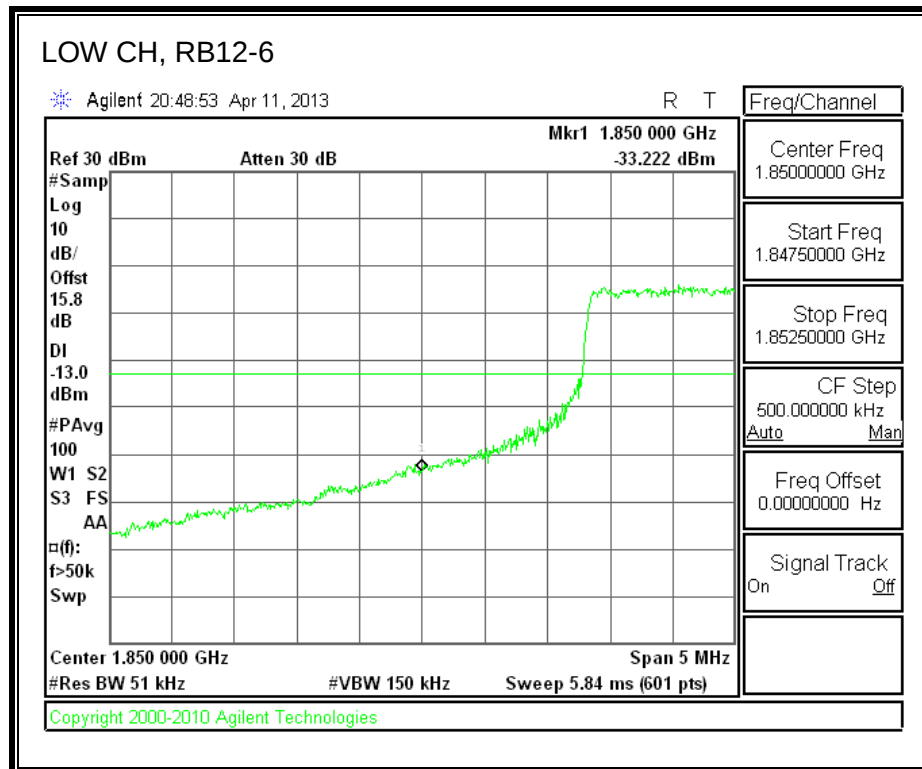


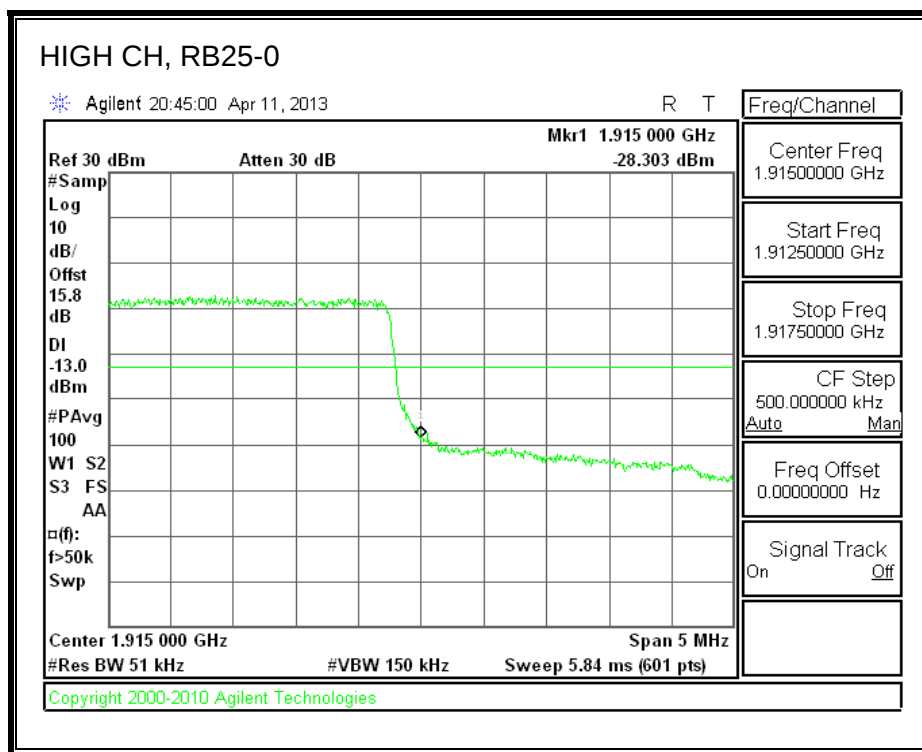
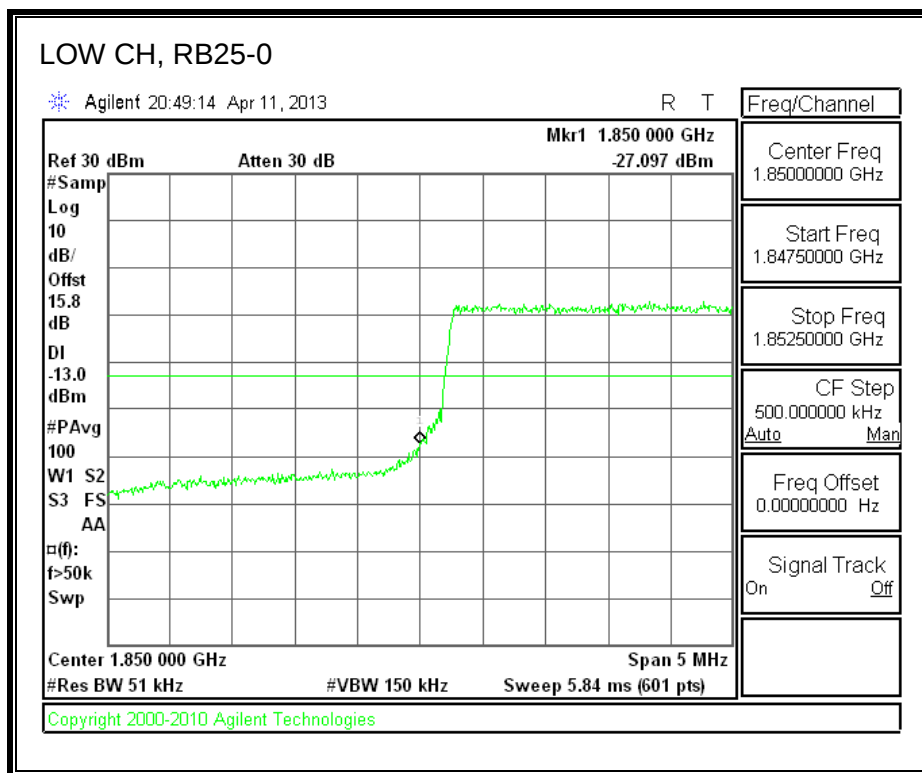


LTE 16QAM Band 25 (5 MHz BANDWIDTH)

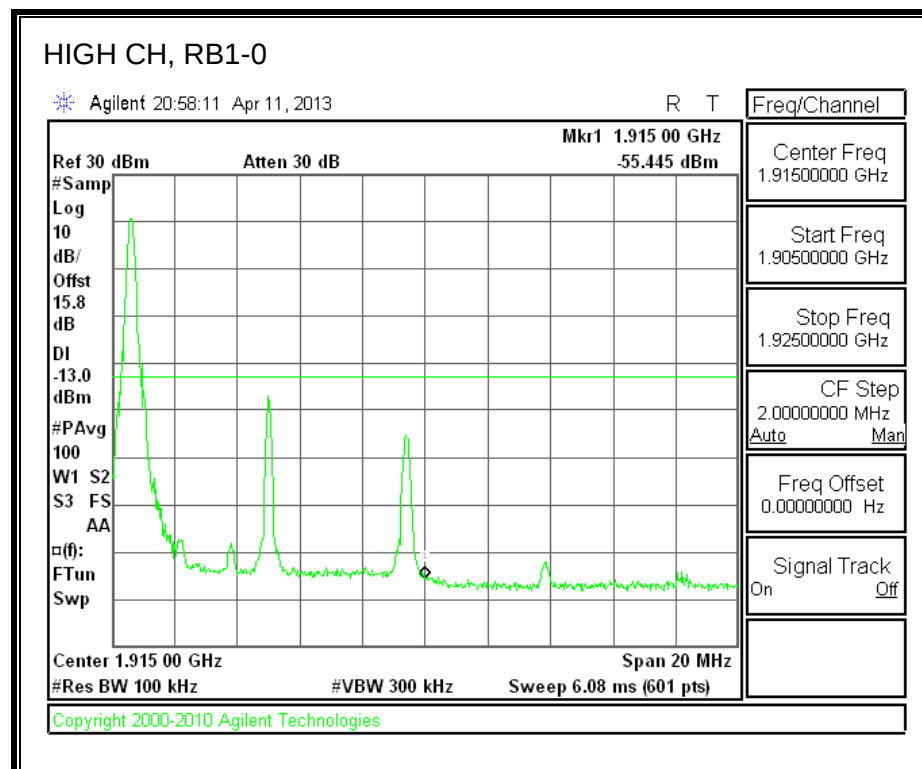
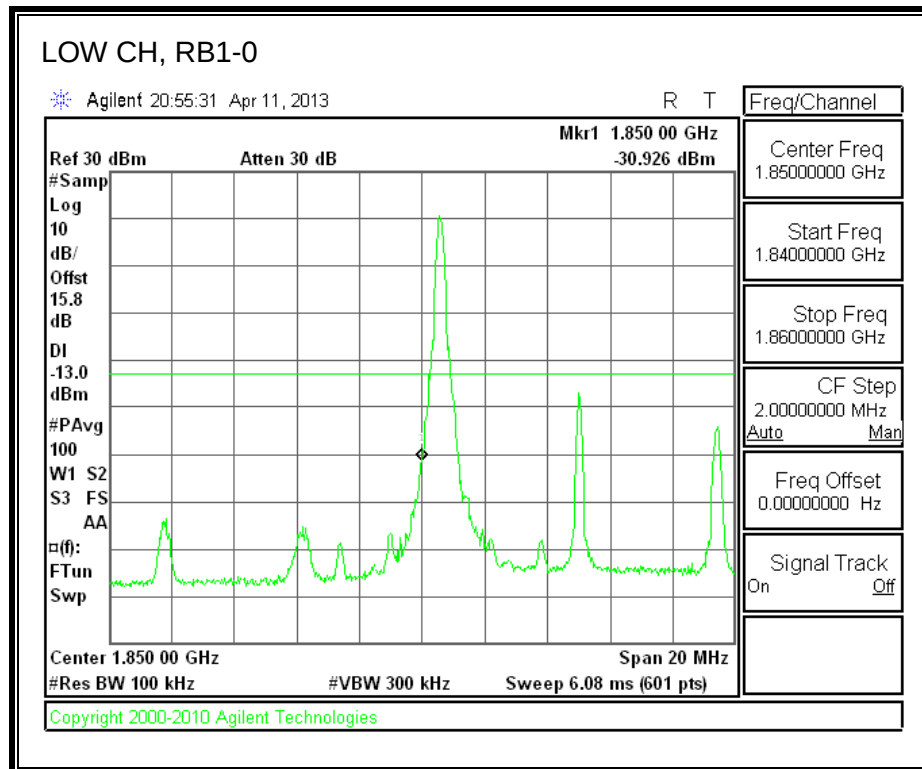


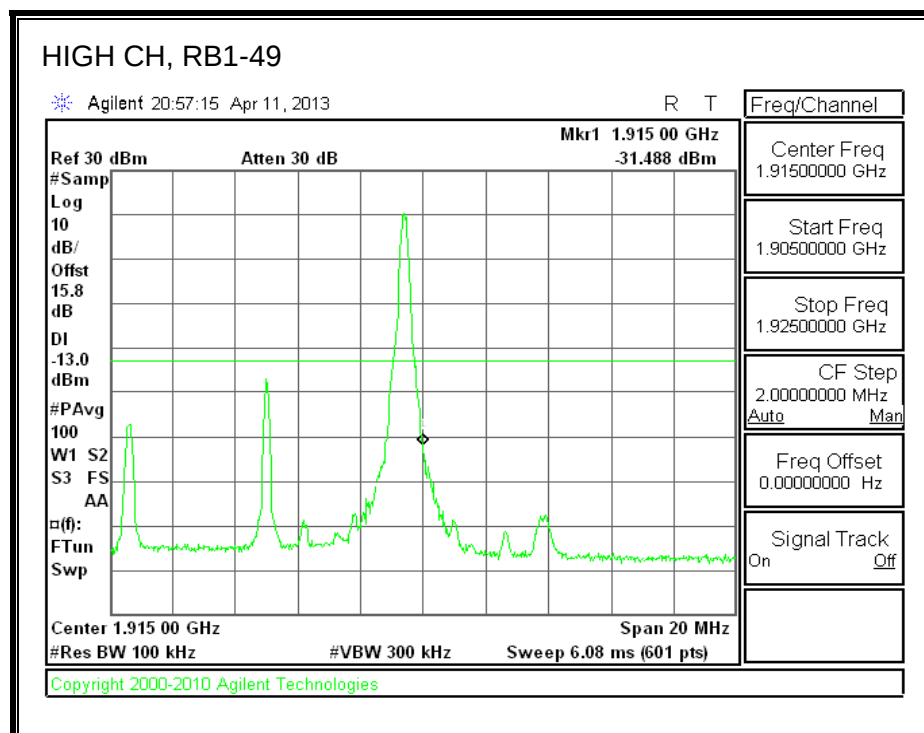
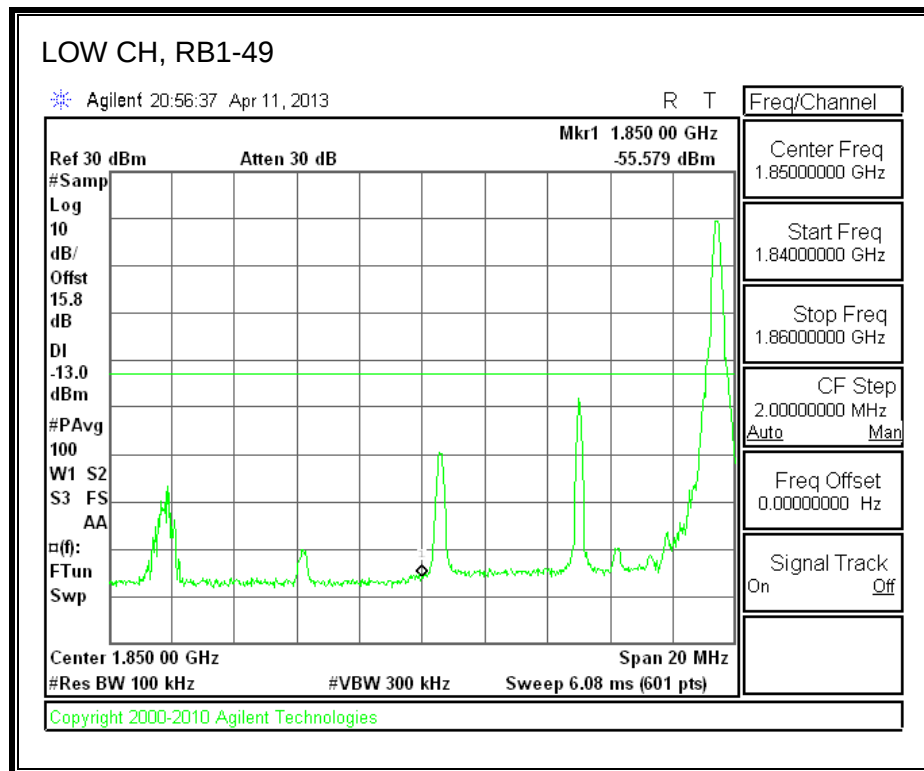


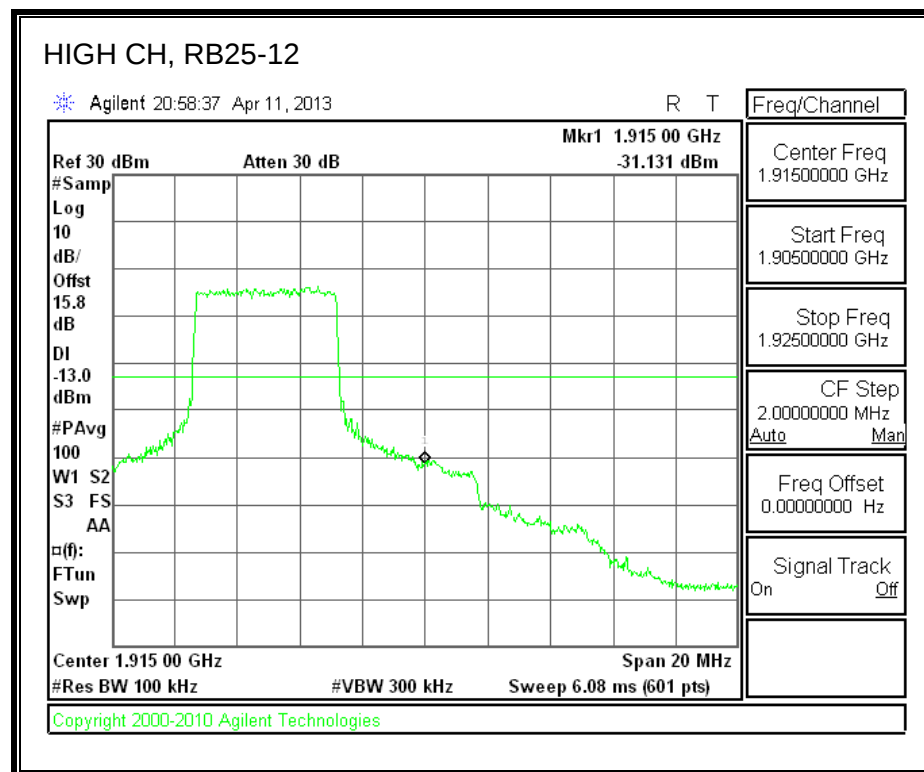
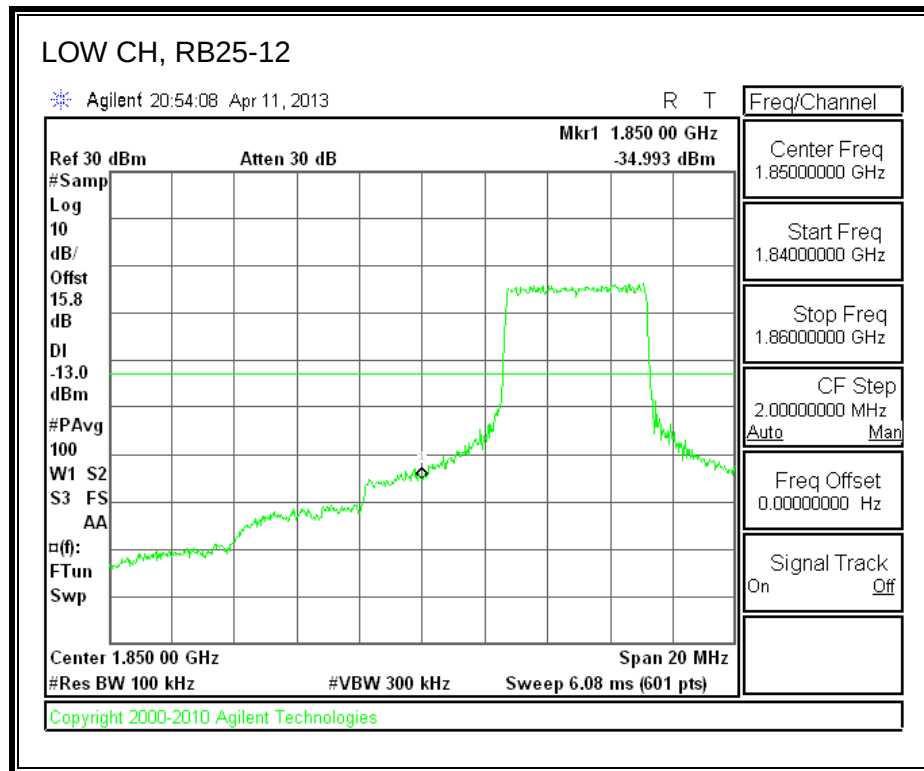


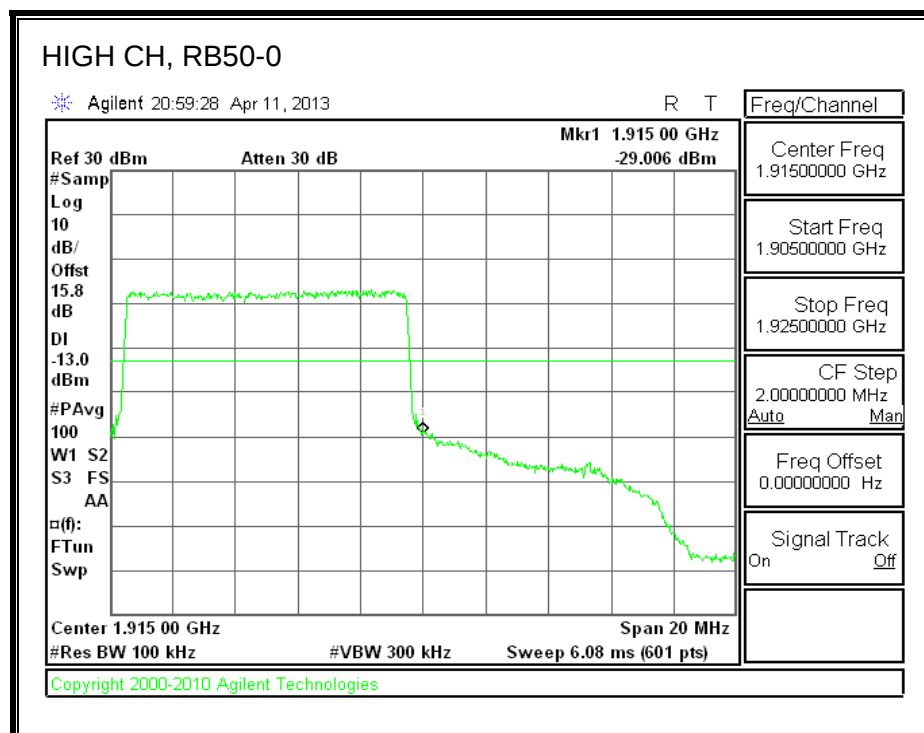
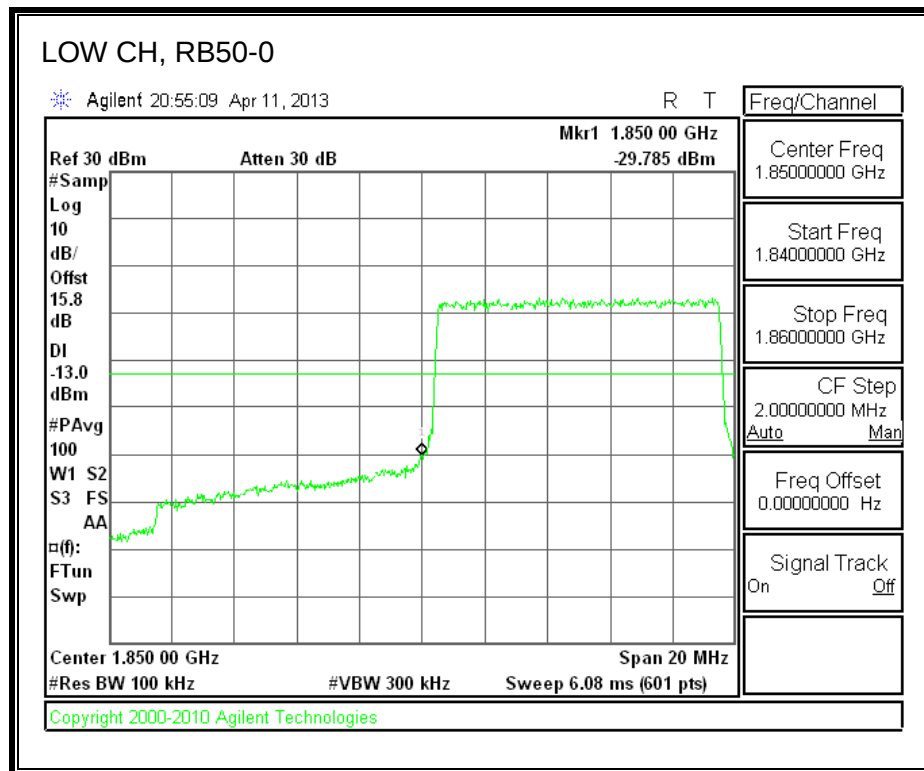


LTE QPSK Band 25 (10 MHz BANDWIDTH)

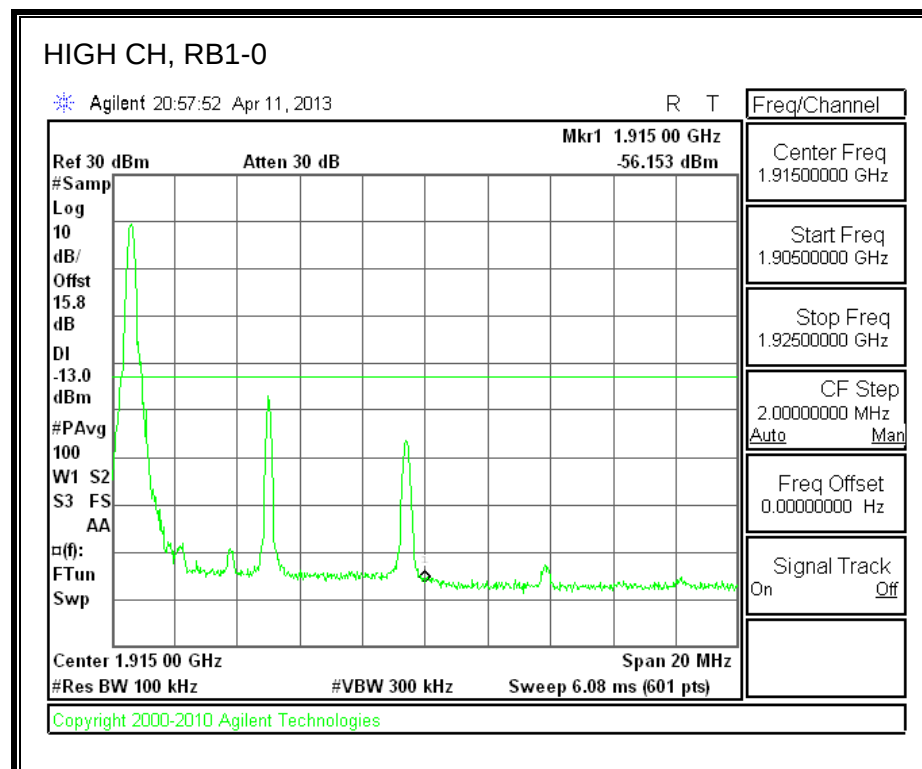
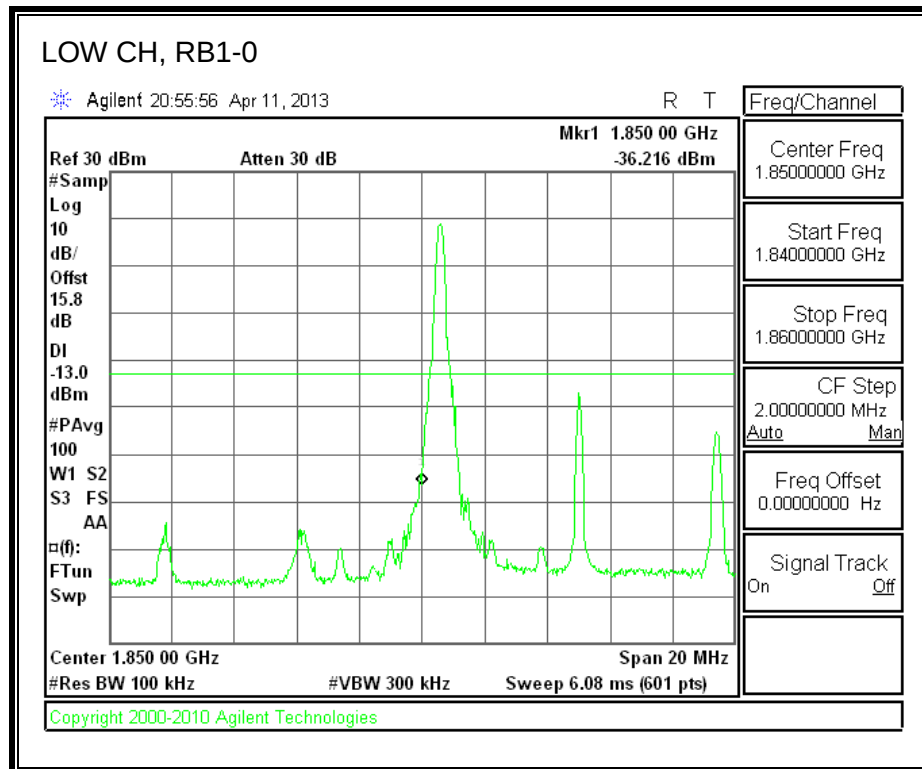


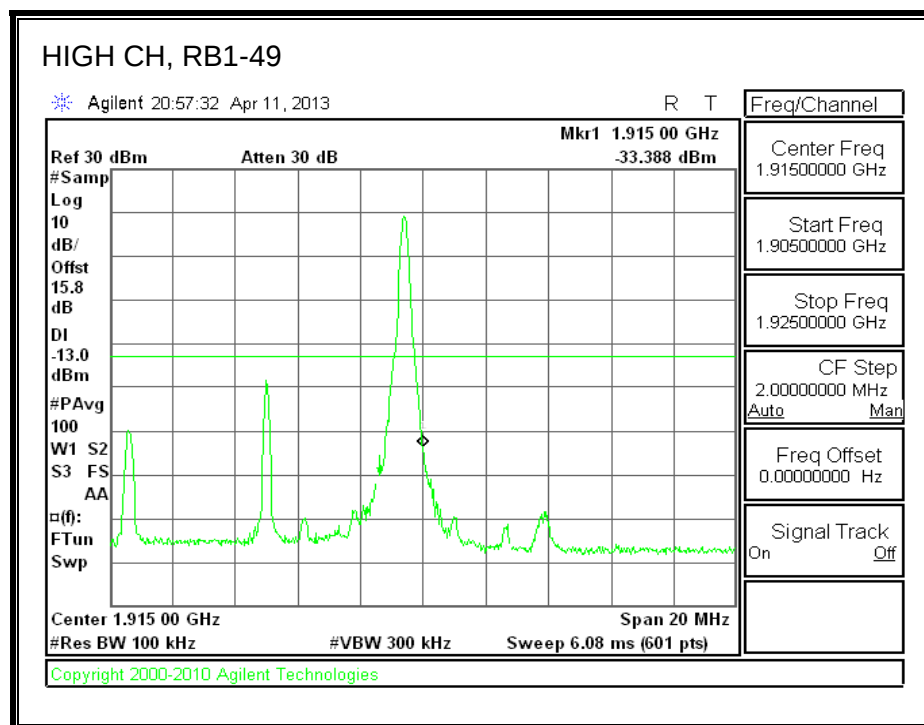
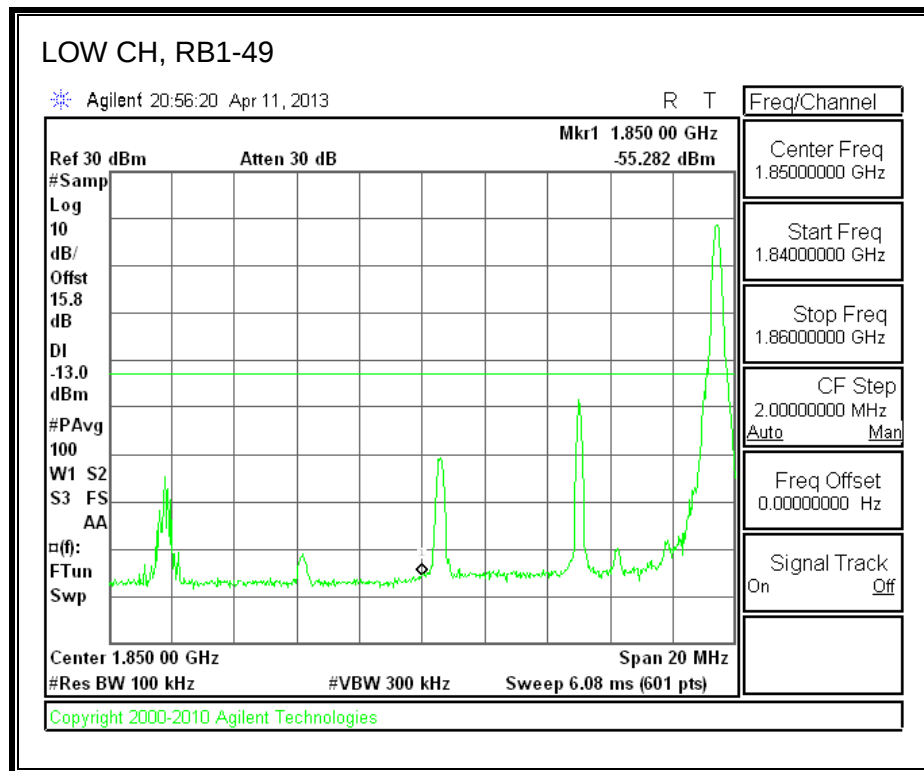


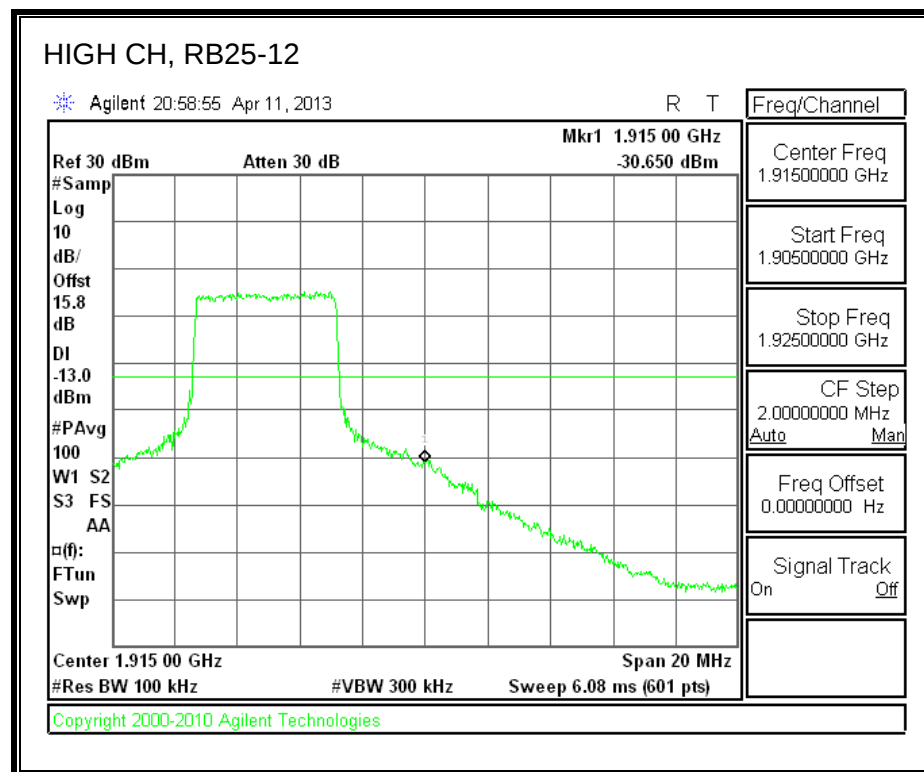
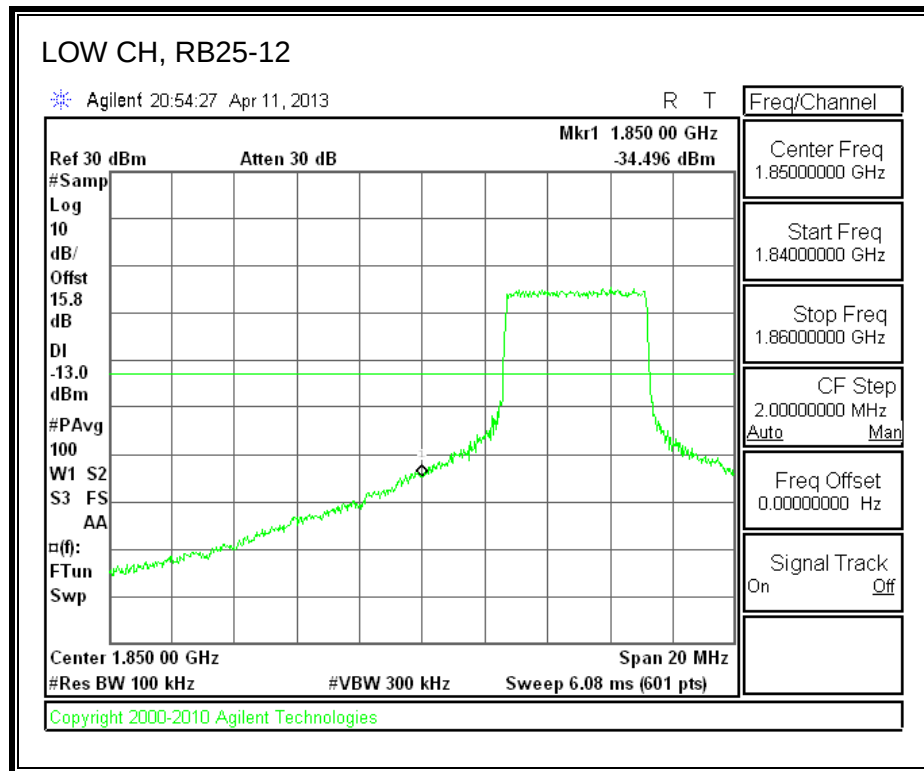


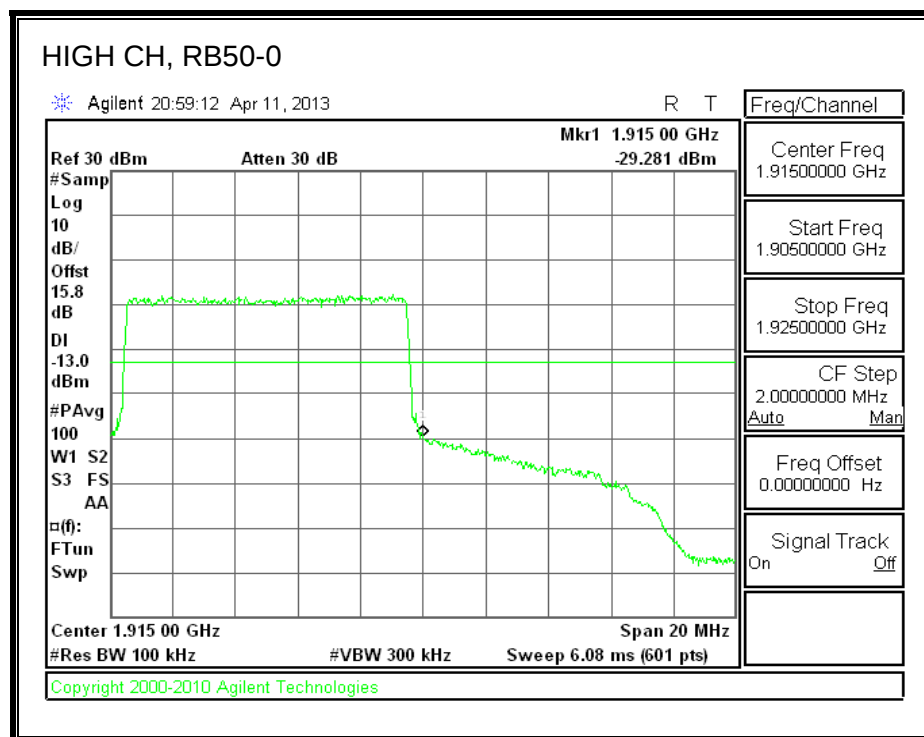
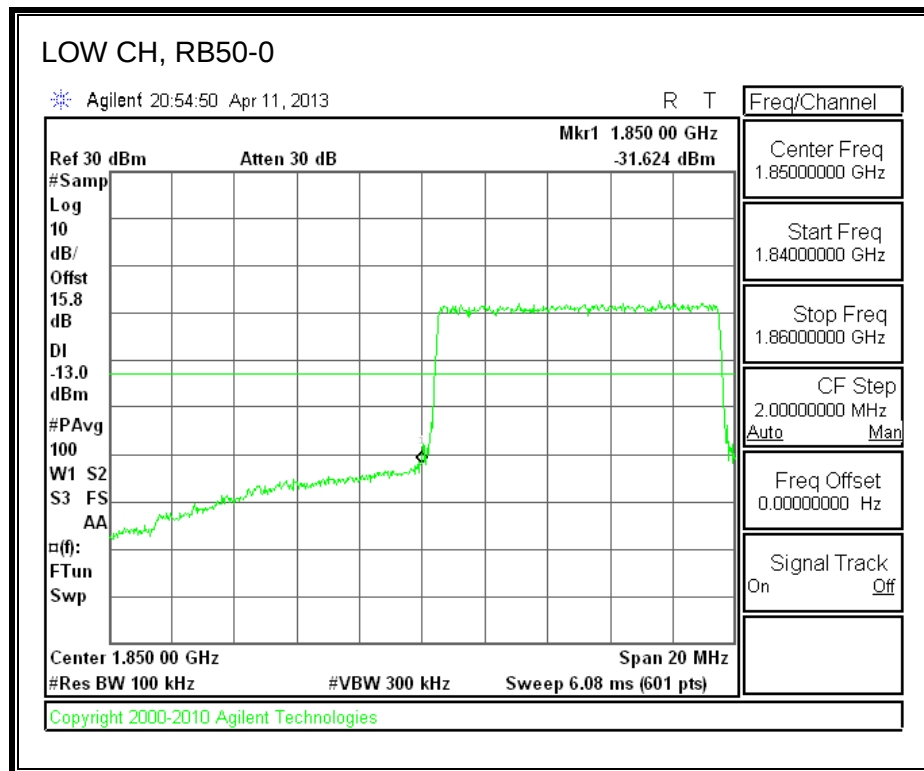


LTE 16QAM Band 25 (10 MHz BANDWIDTH)



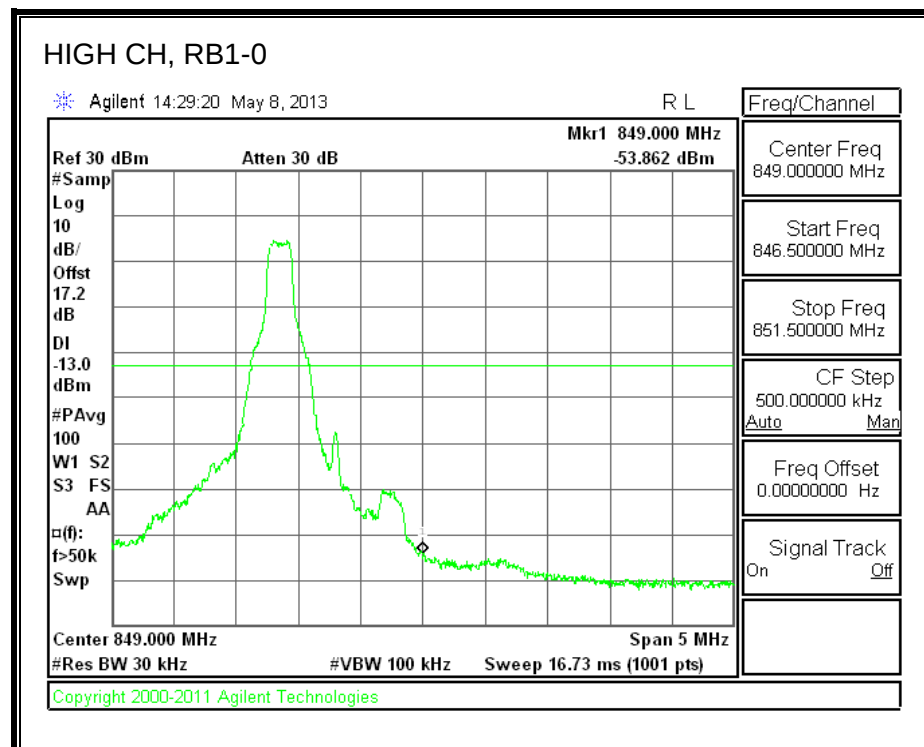
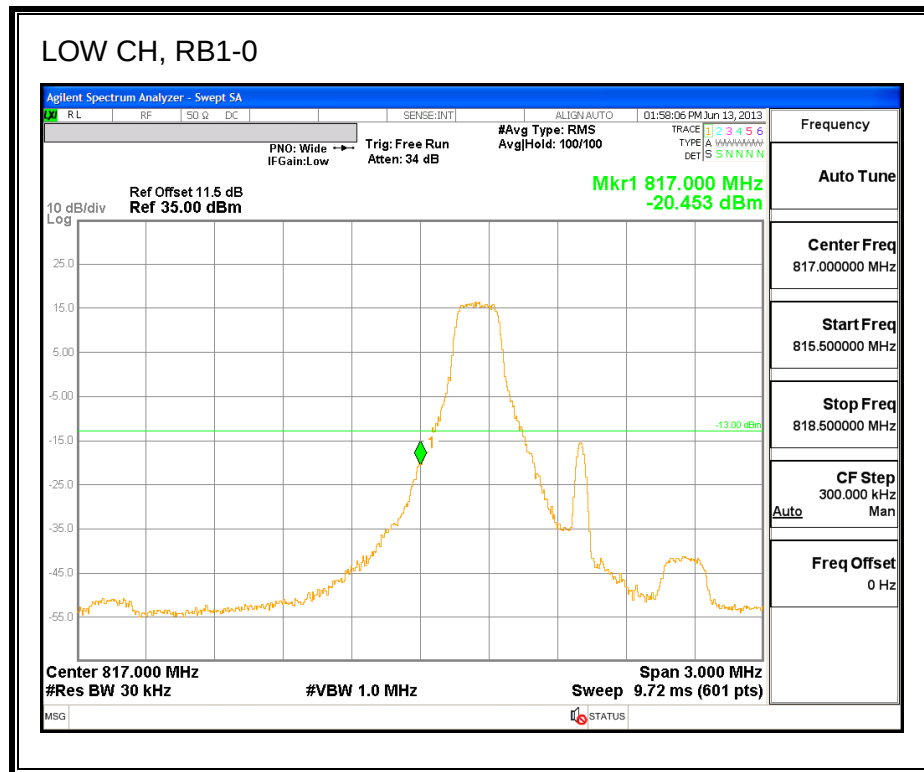


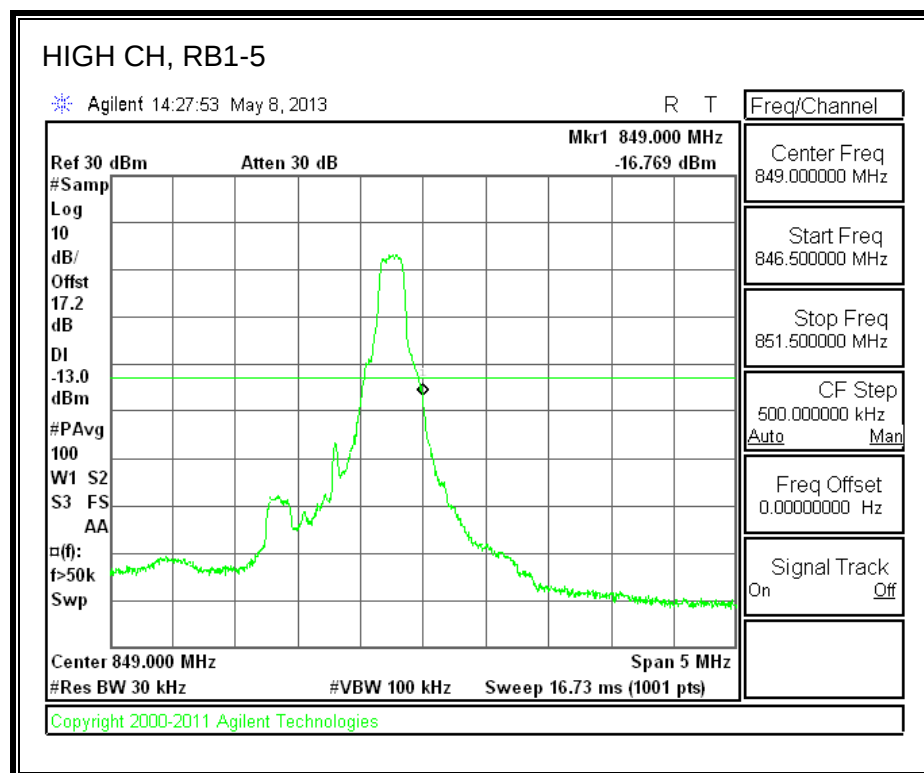
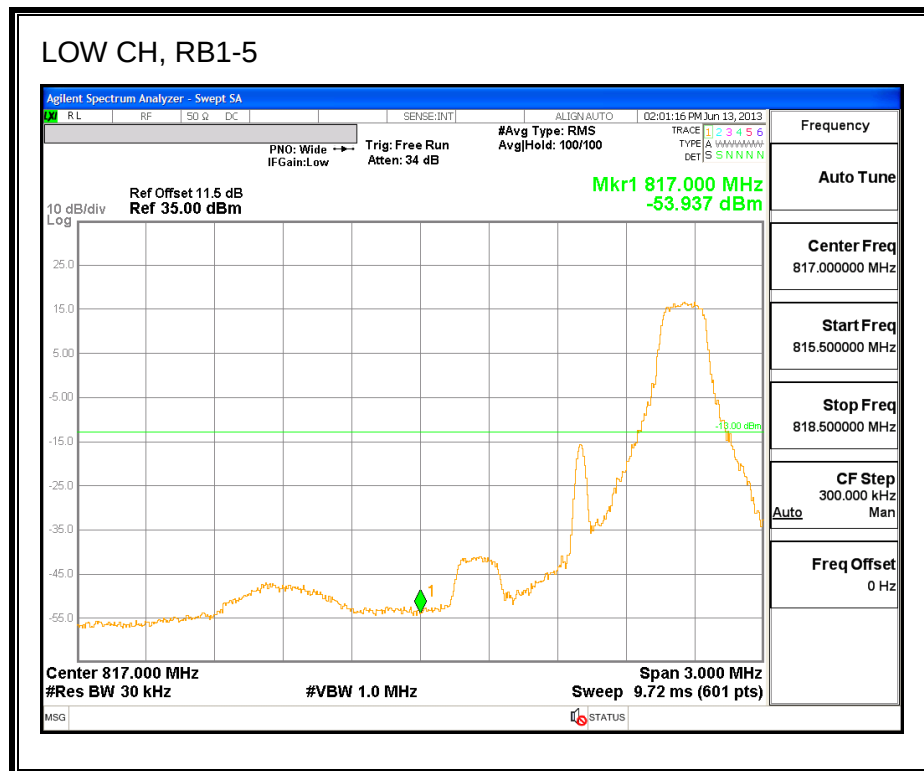


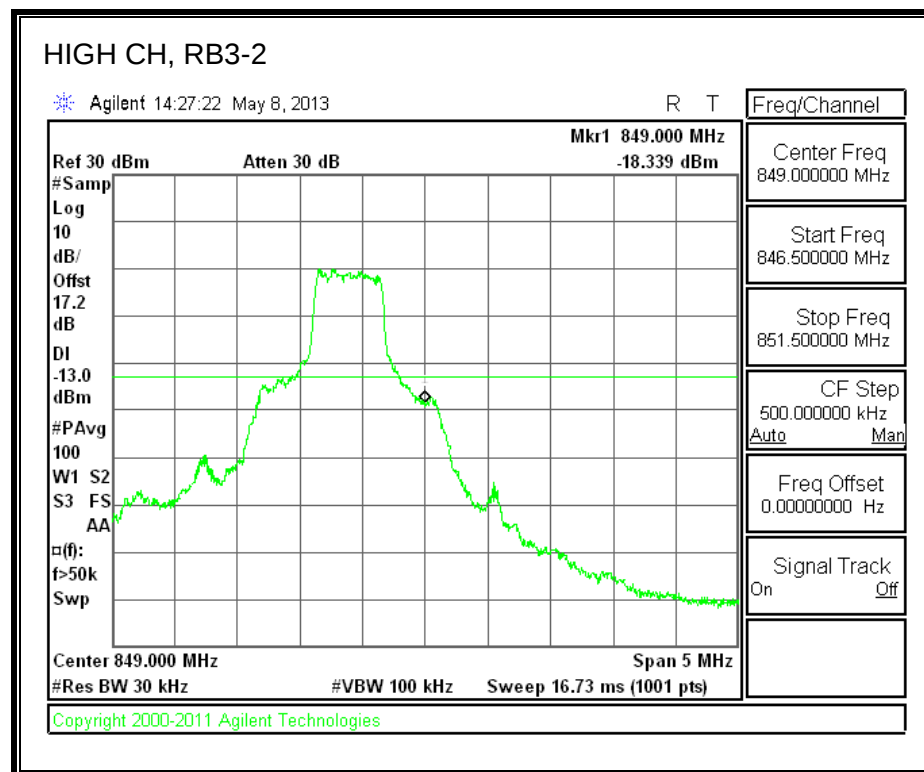
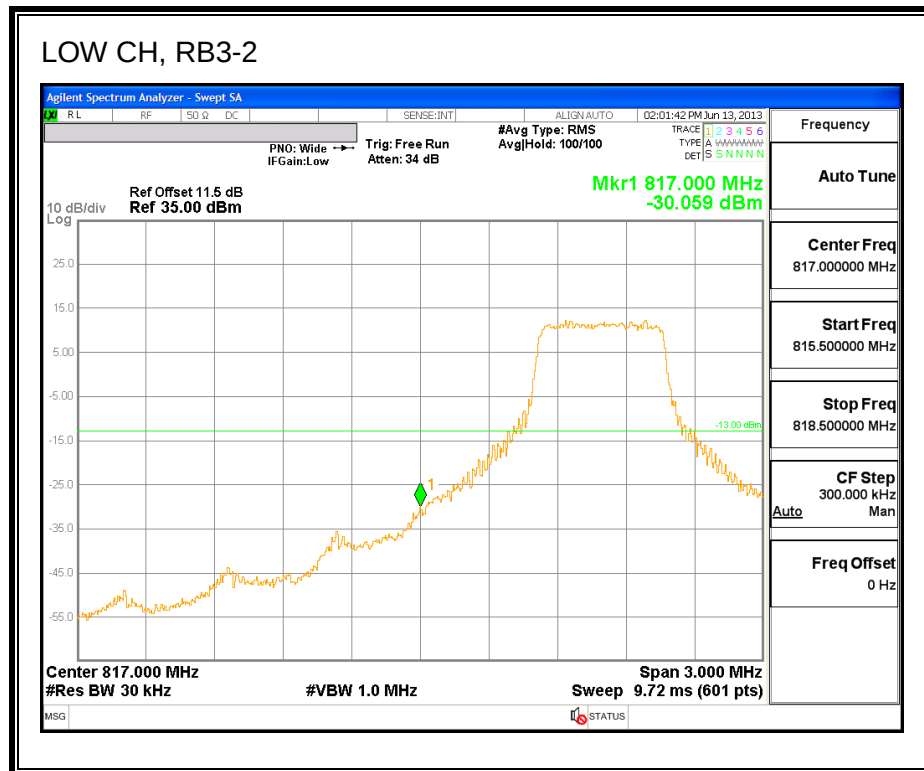


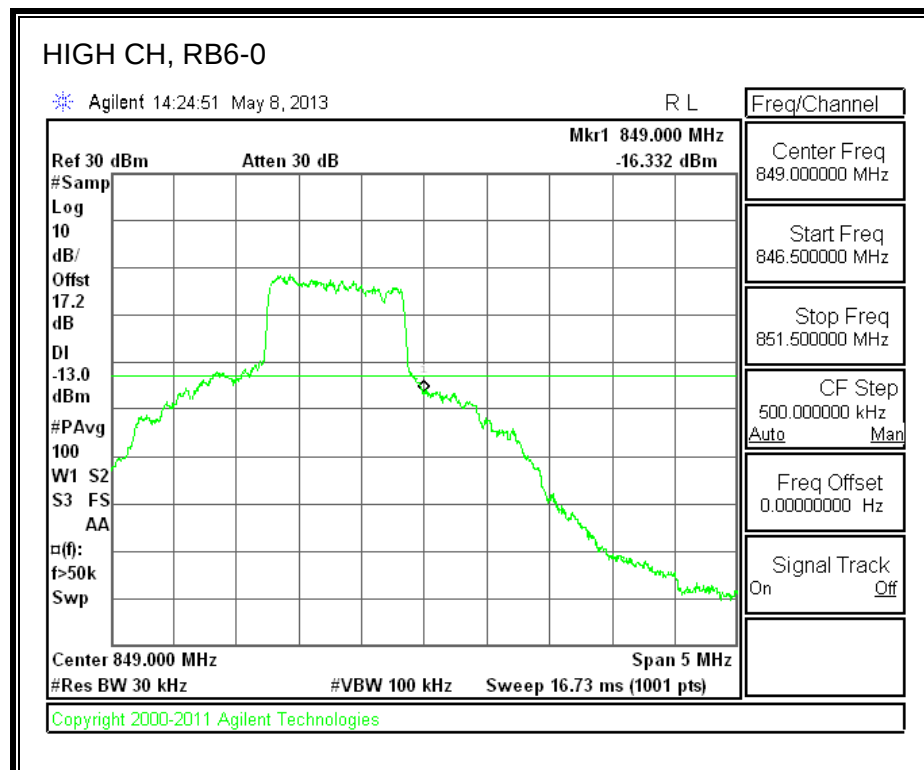
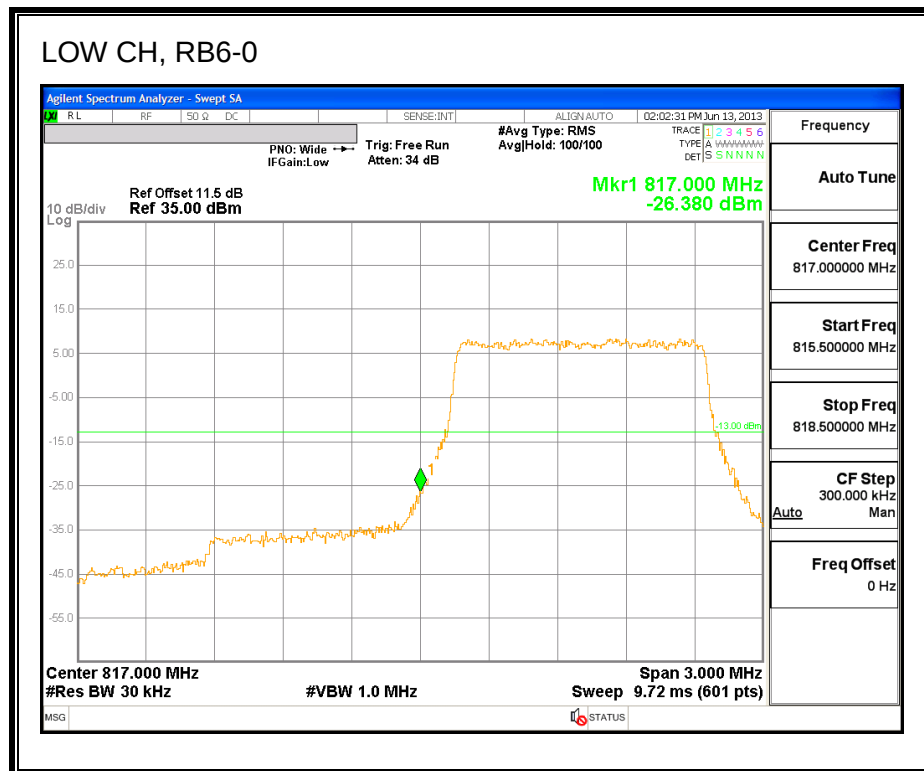
8.2.5. LTE BAND 26

LTE QPSK Band 26 (1.4 MHz BANDWIDTH)

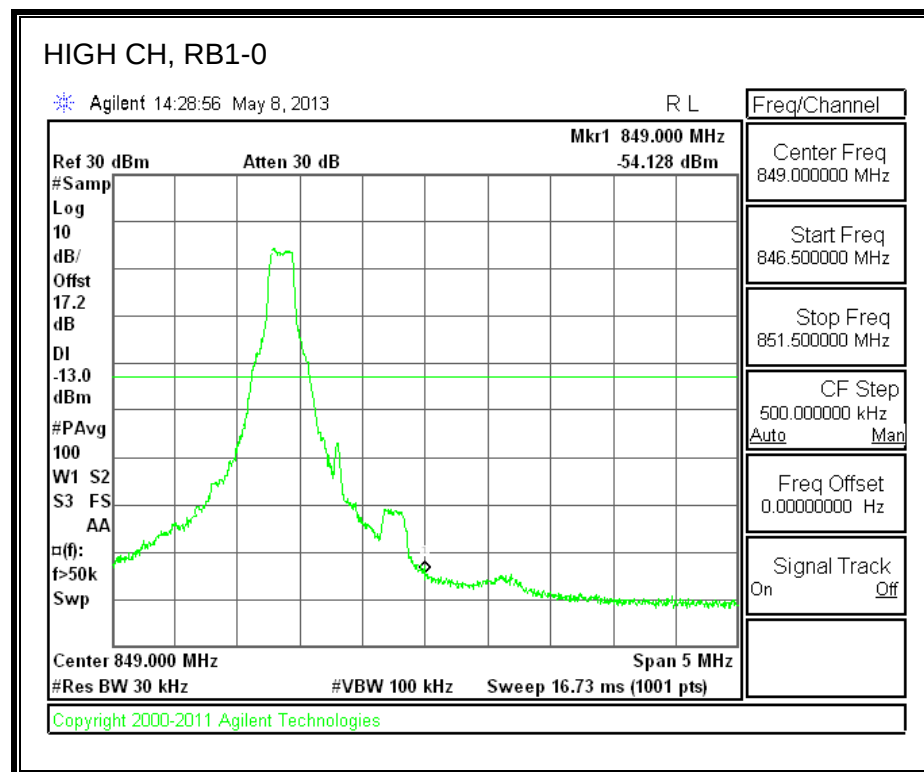
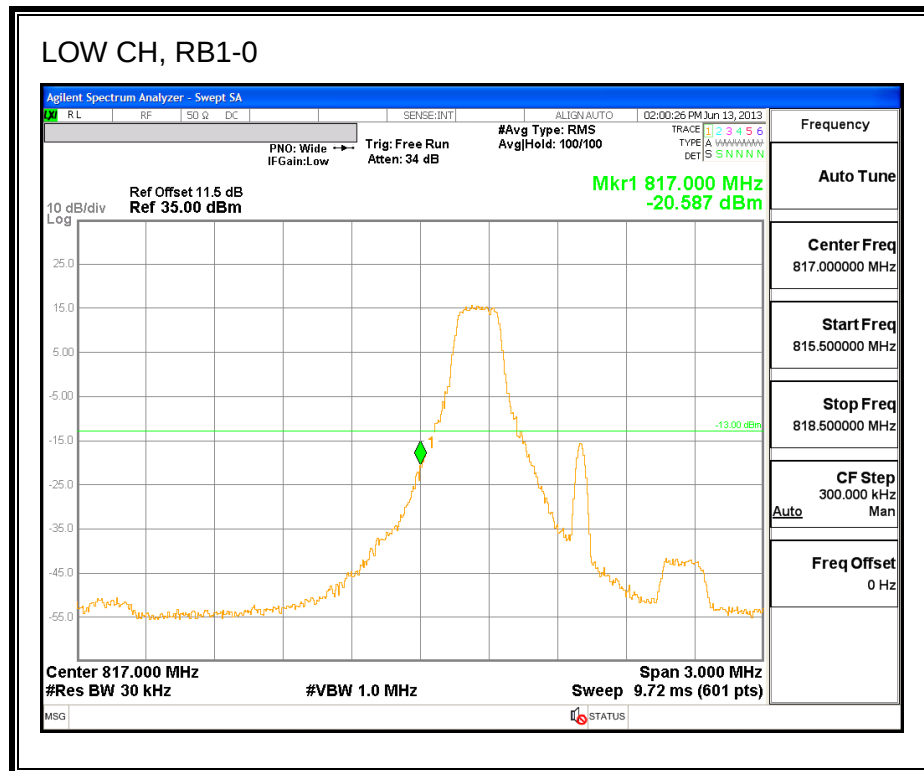


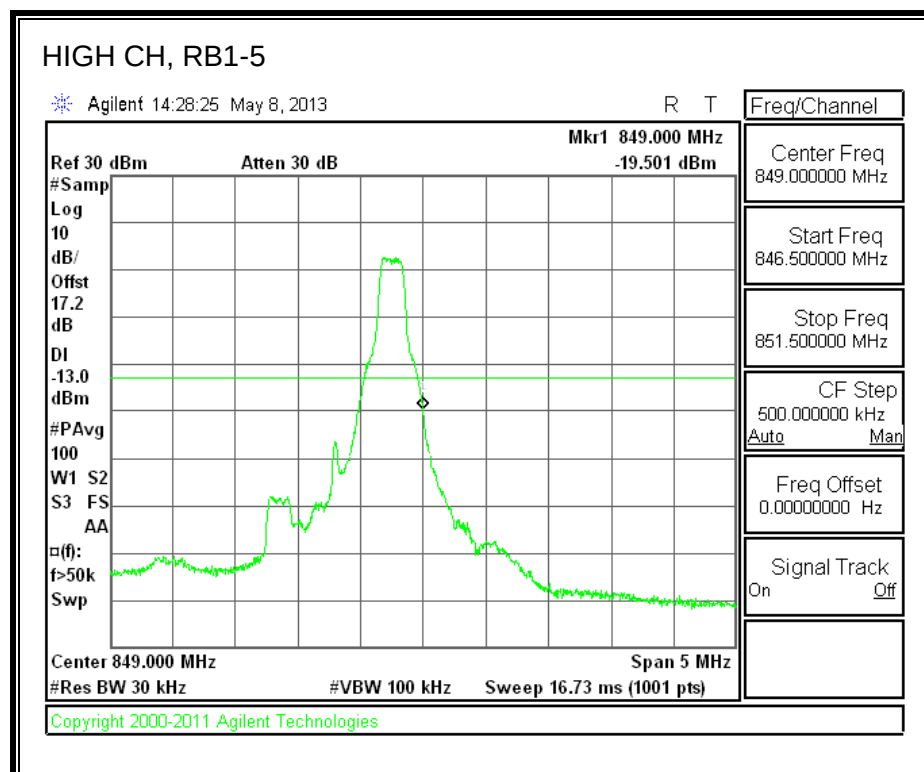
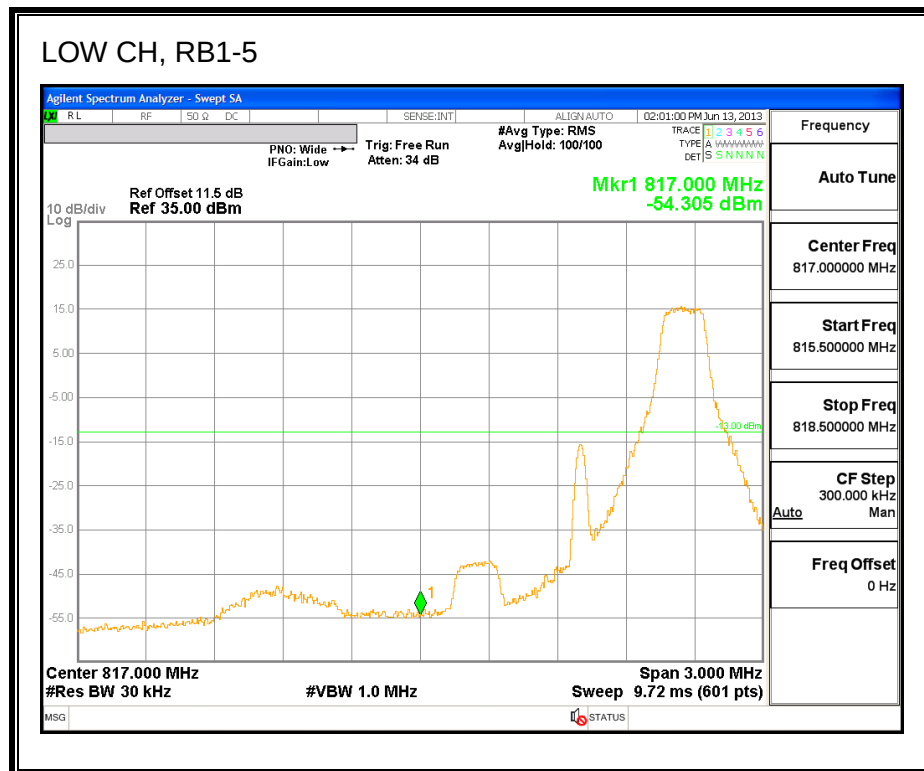


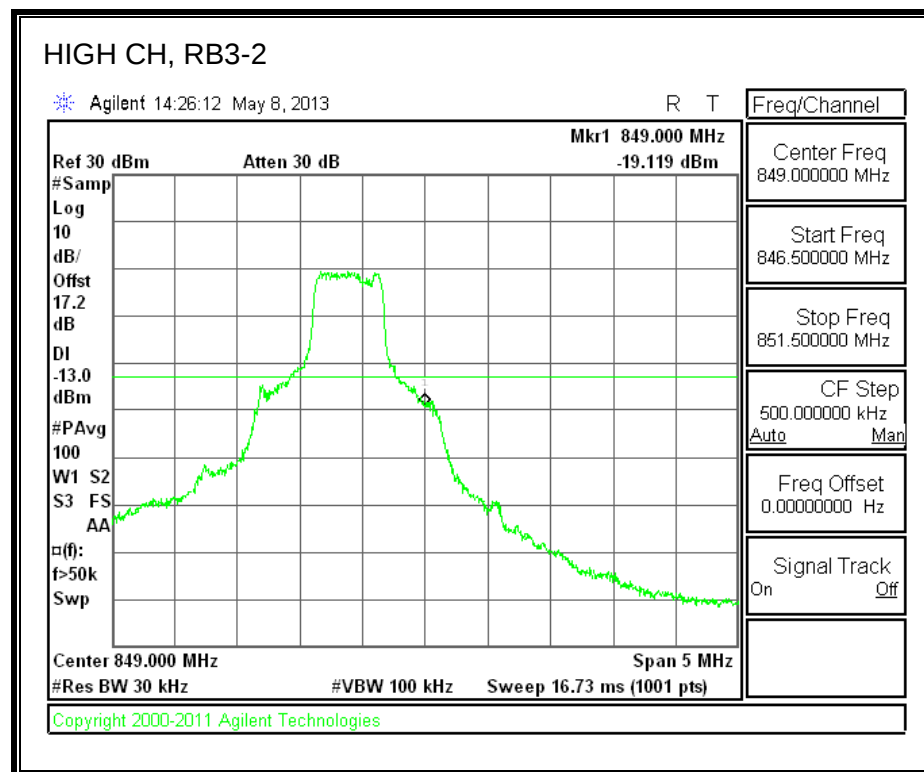
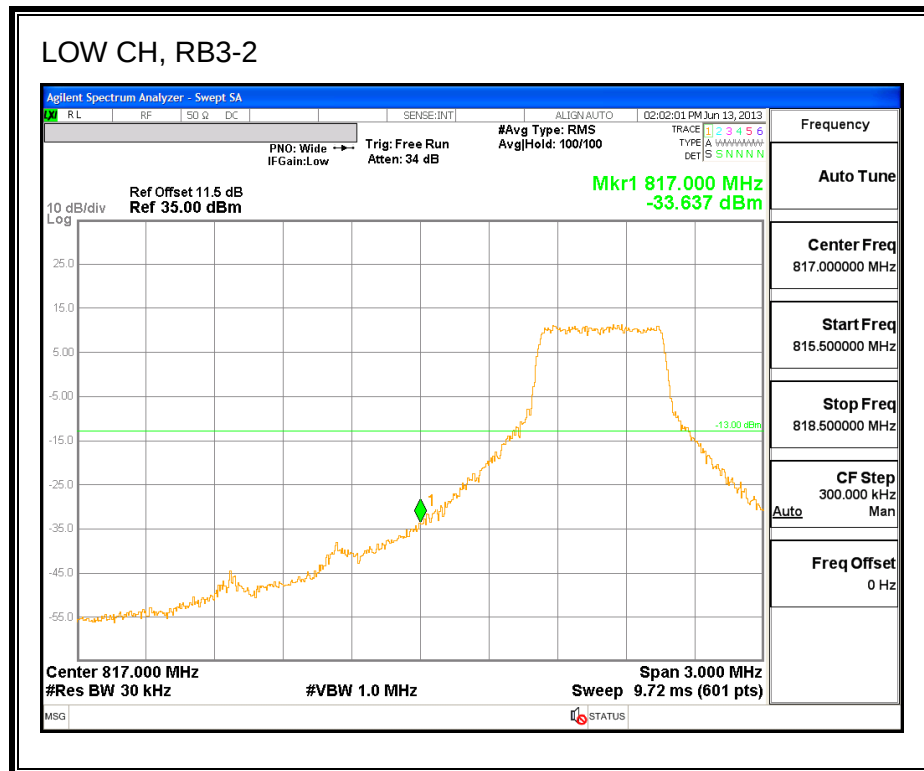


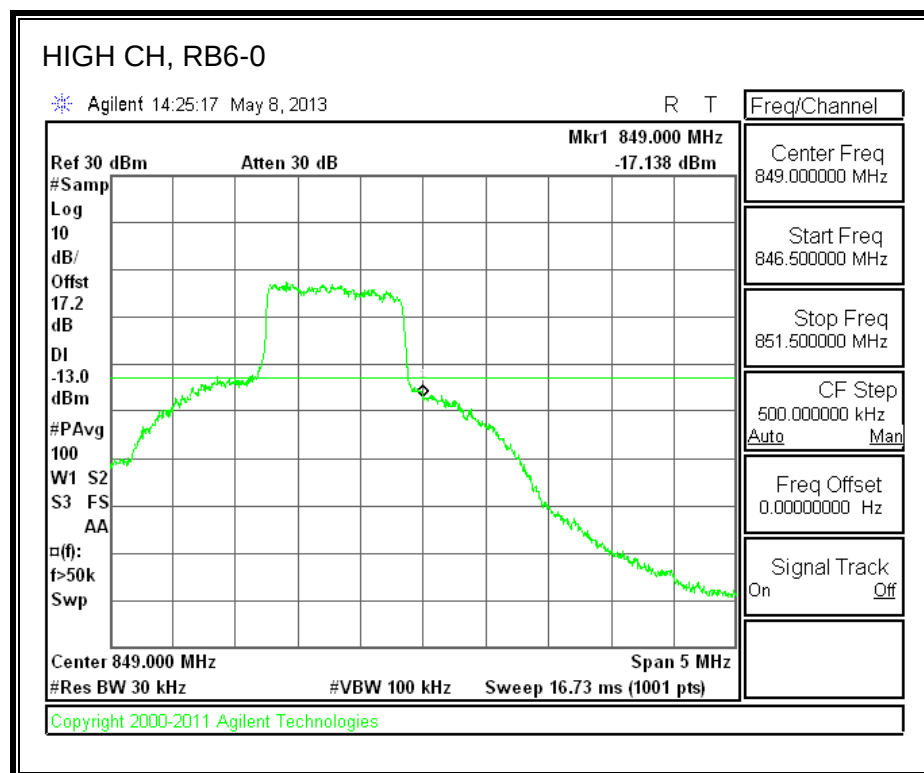
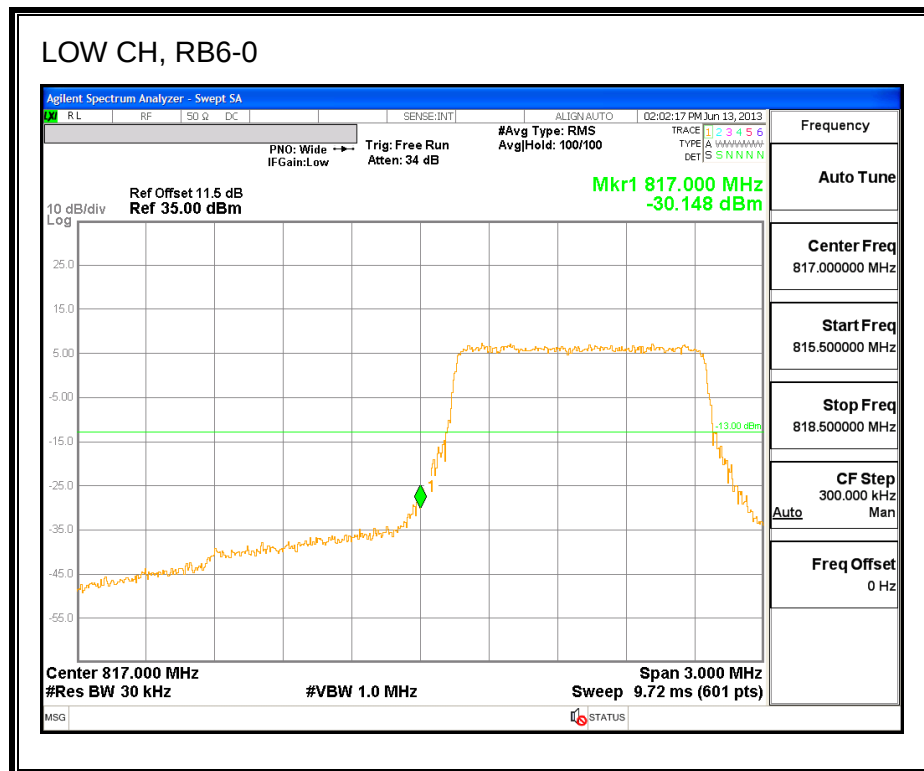


LTE 16QAM Band 26 (1.4 MHz BANDWIDTH)

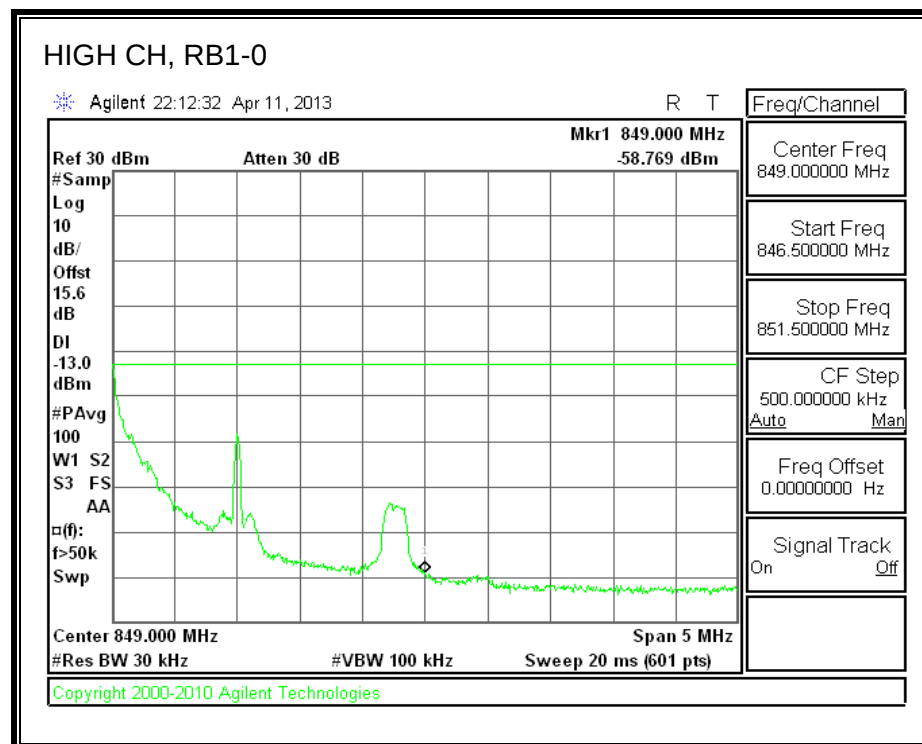
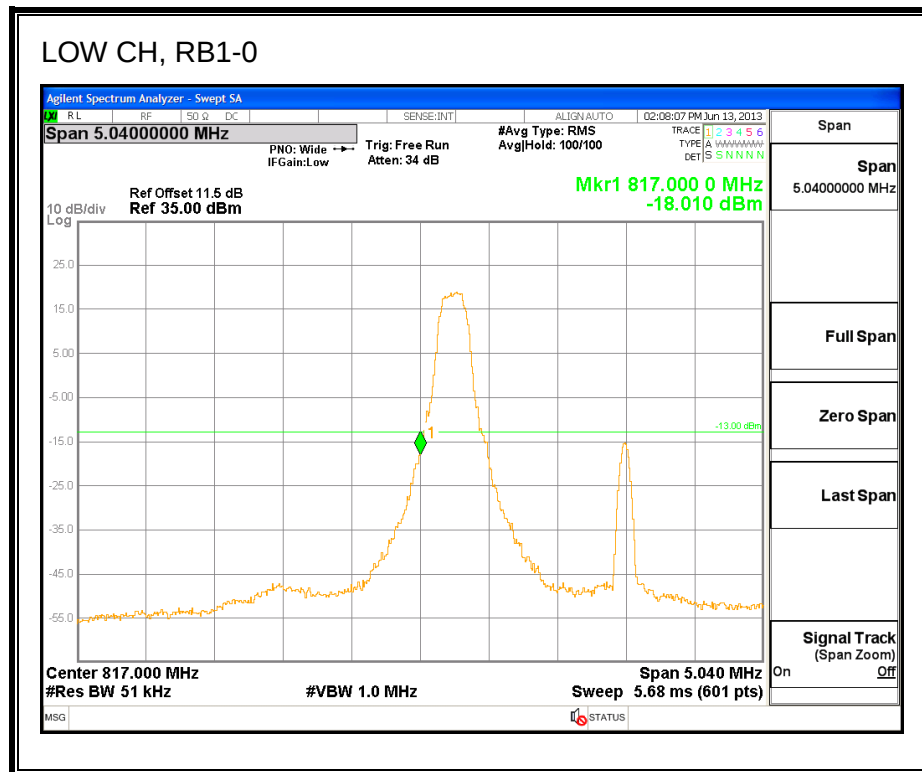


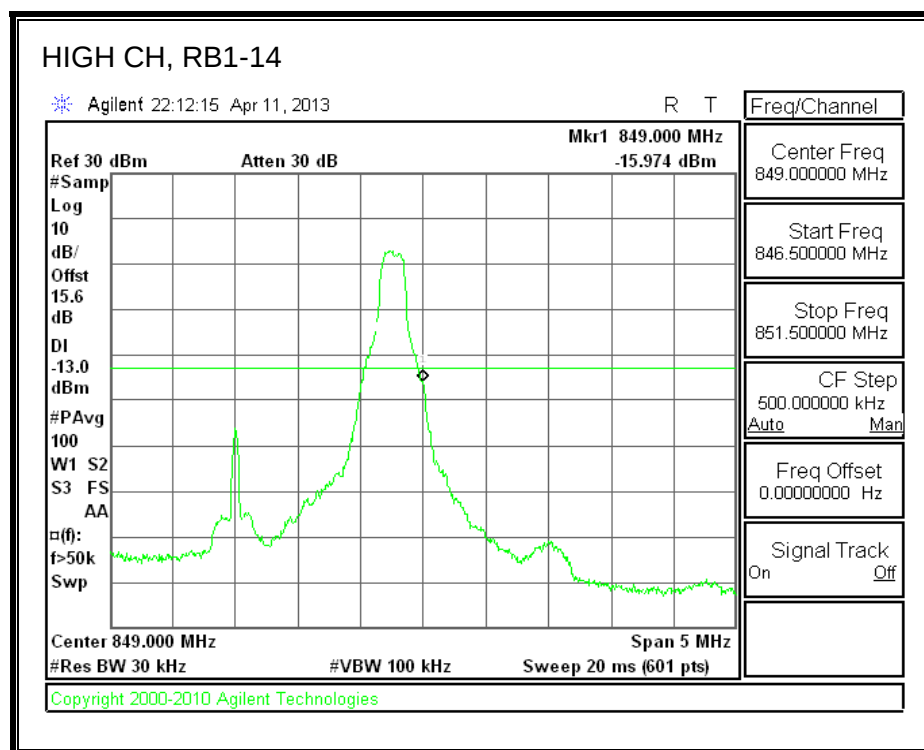
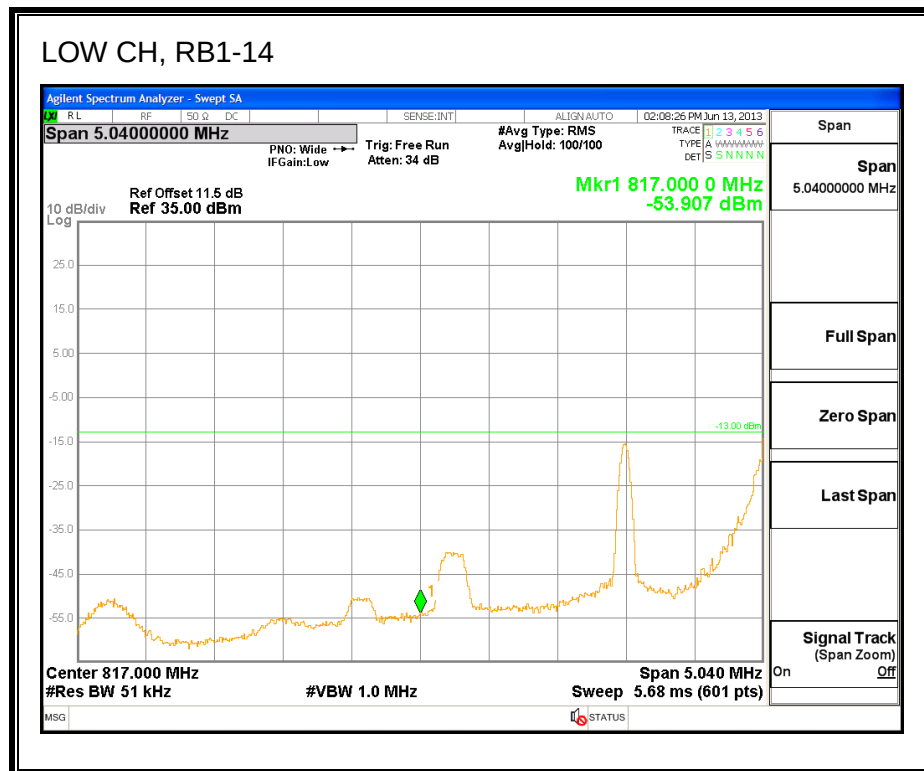


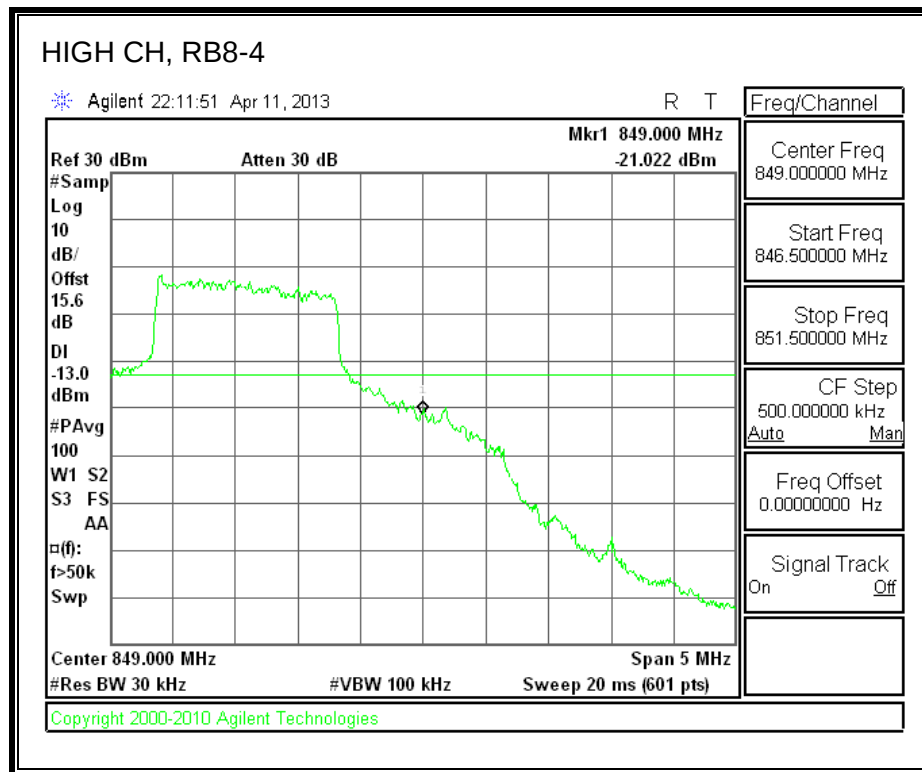
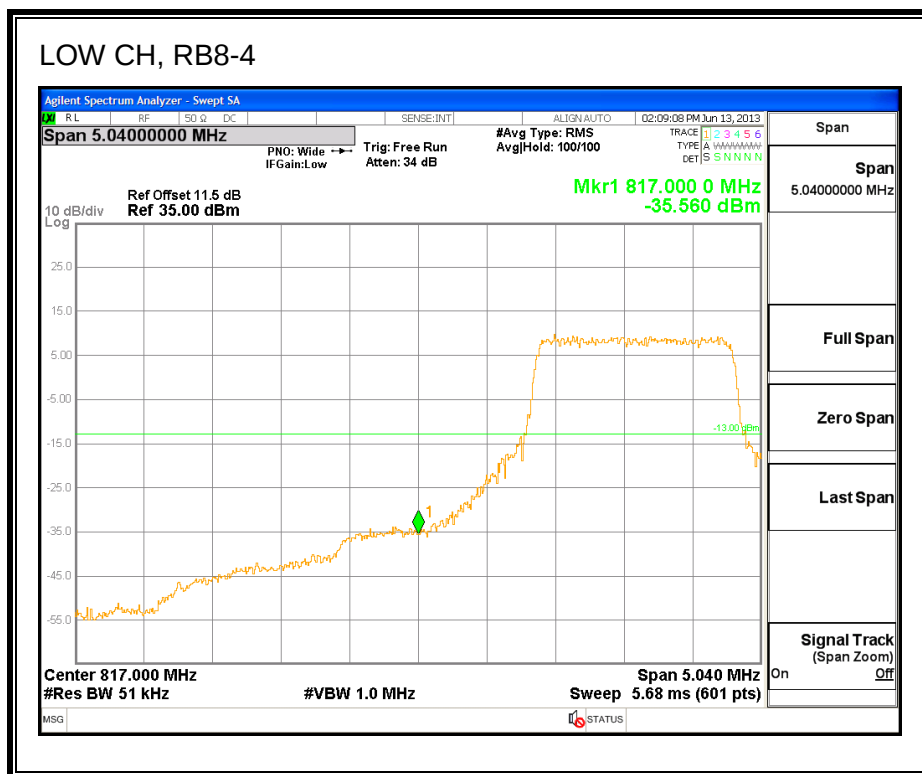


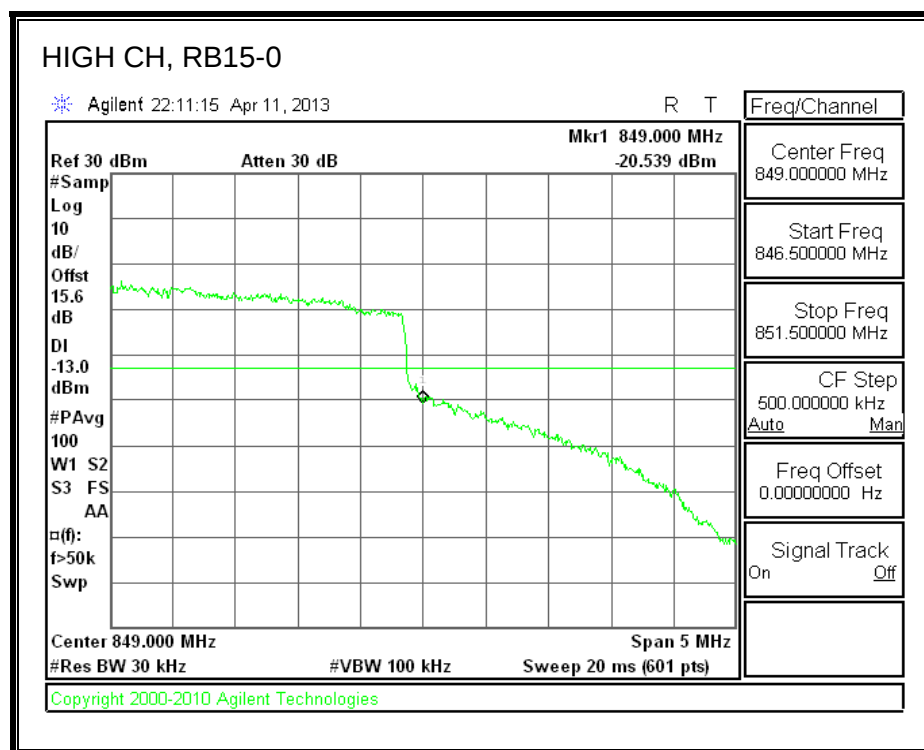
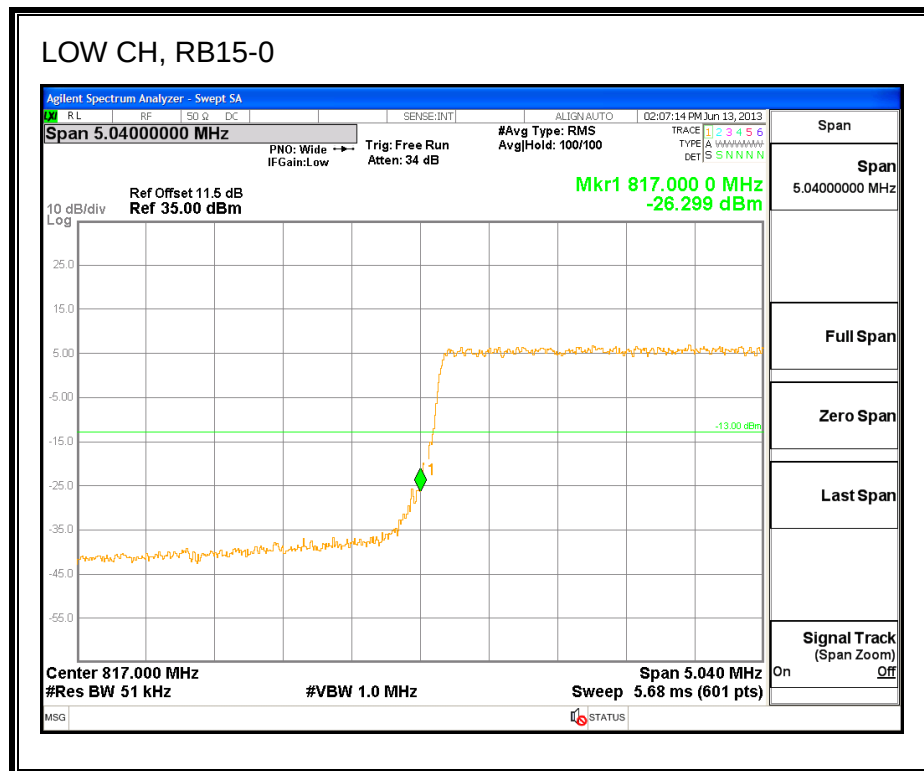


LTE QPSK Band 26 (3 MHz BANDWIDTH)

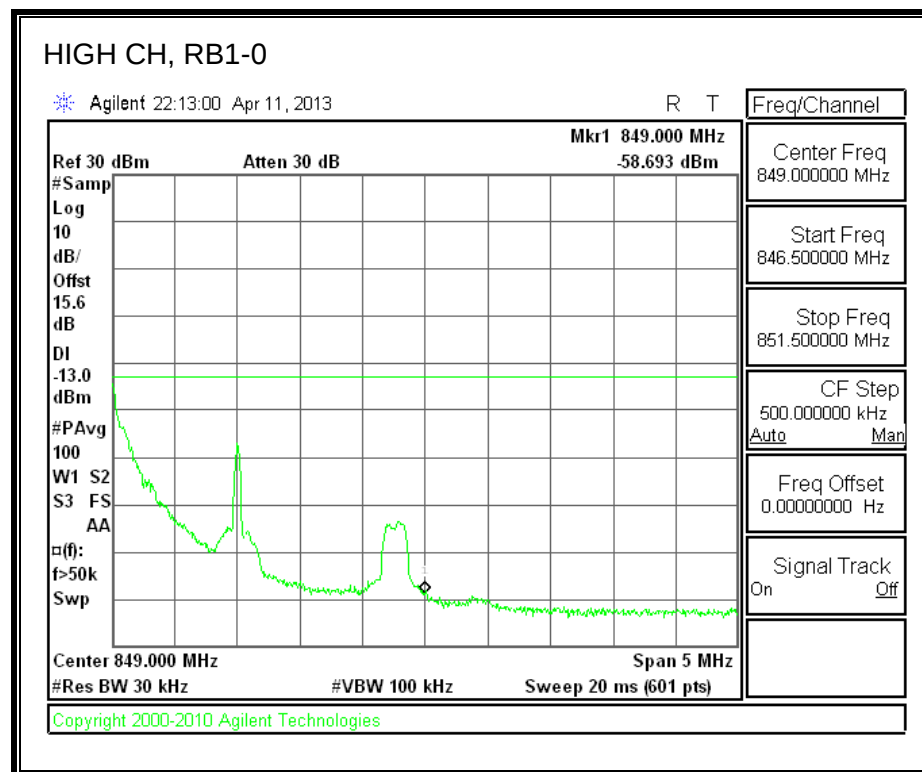
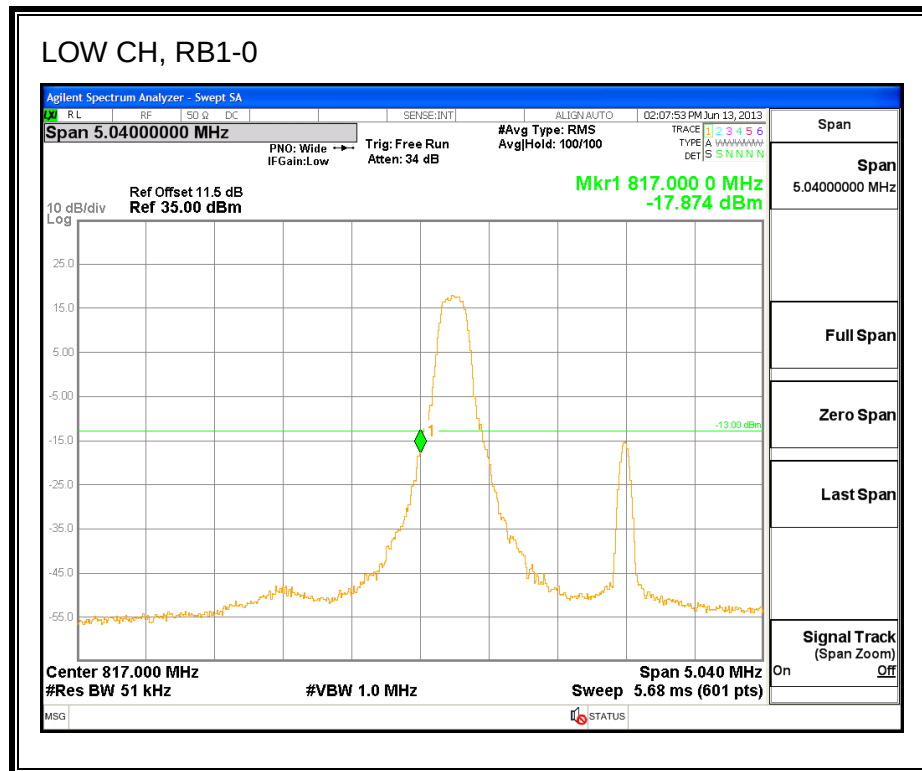


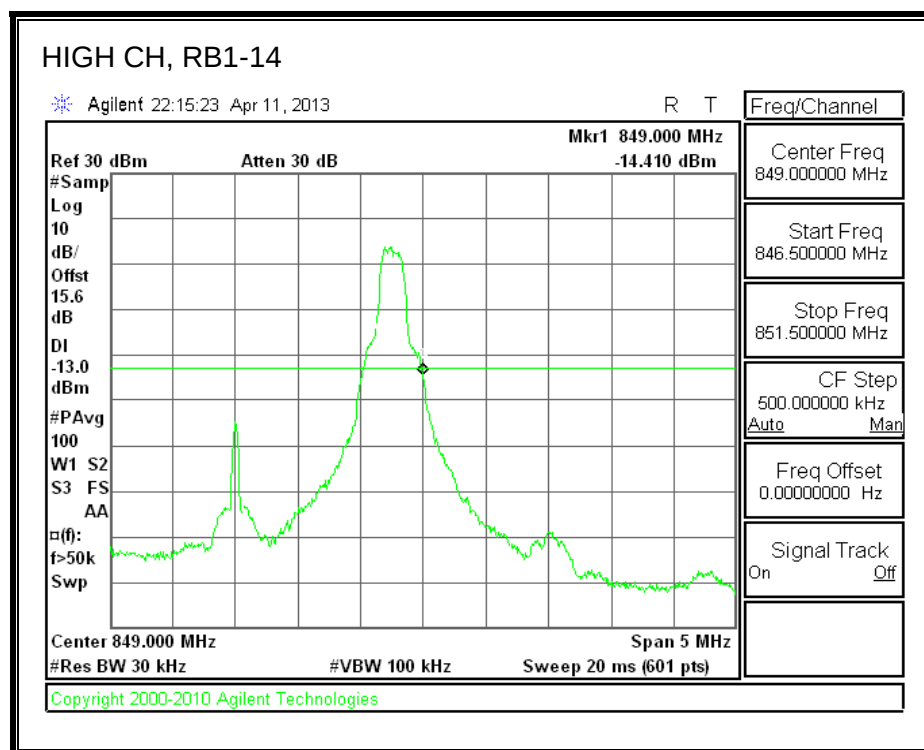
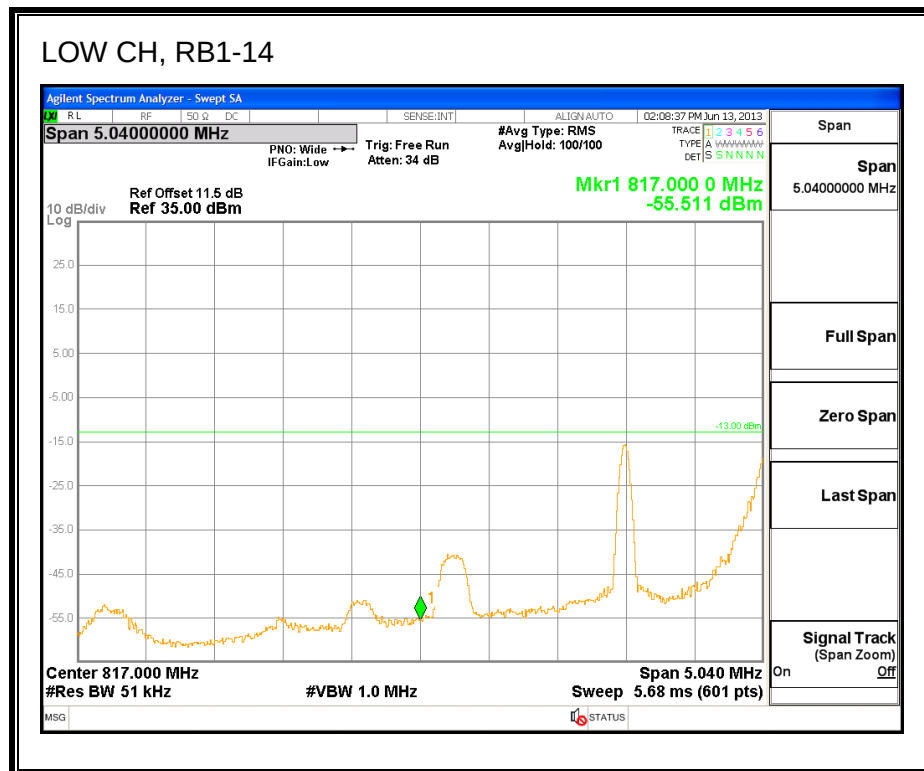


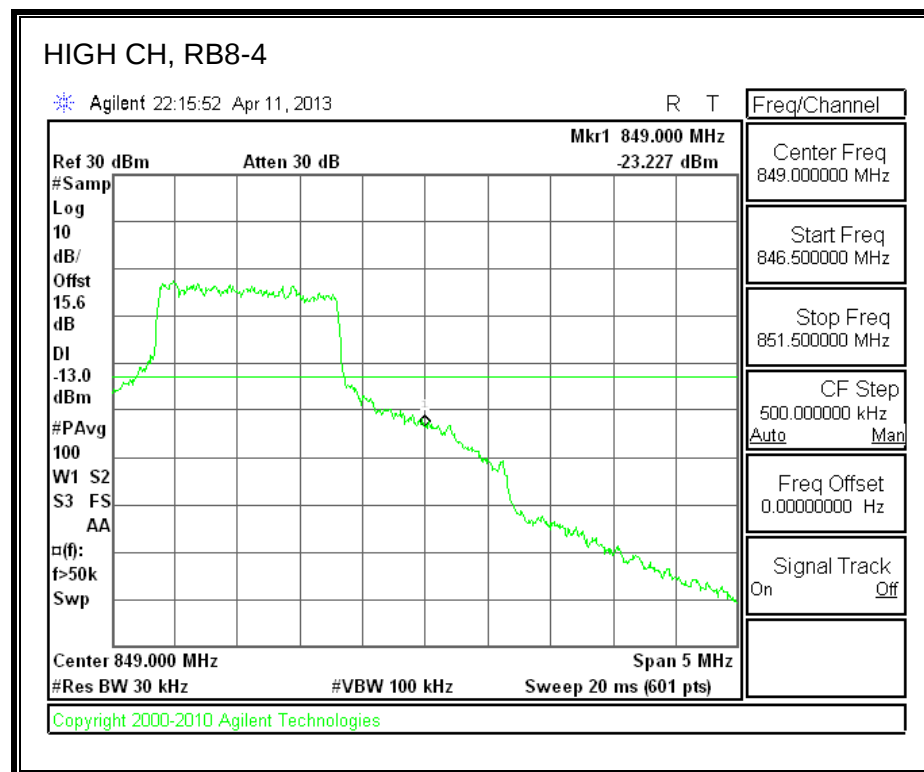
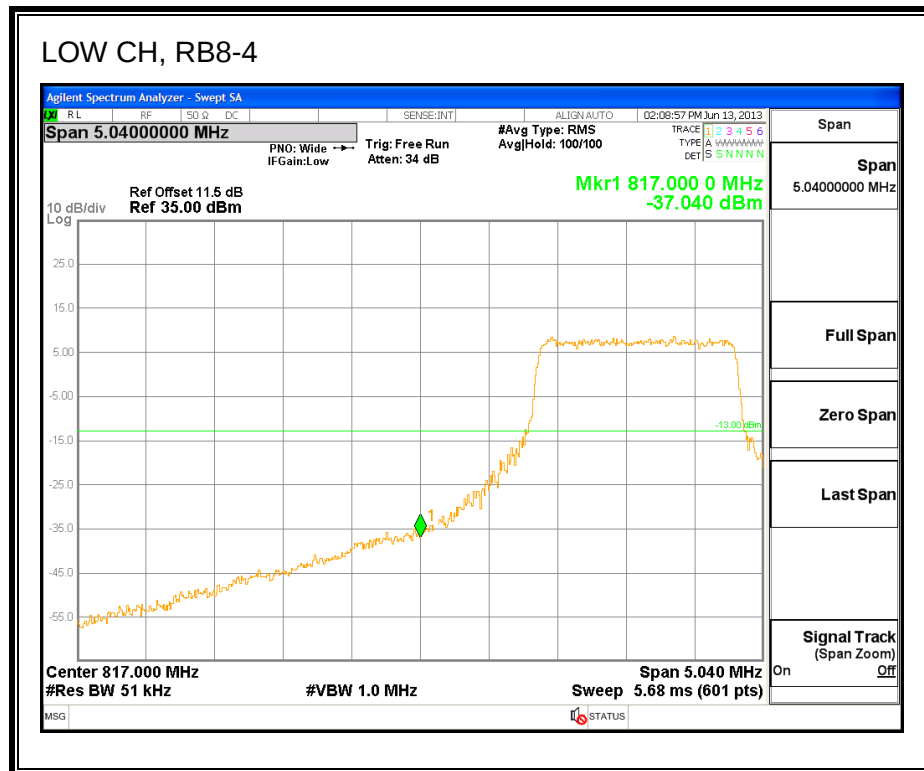


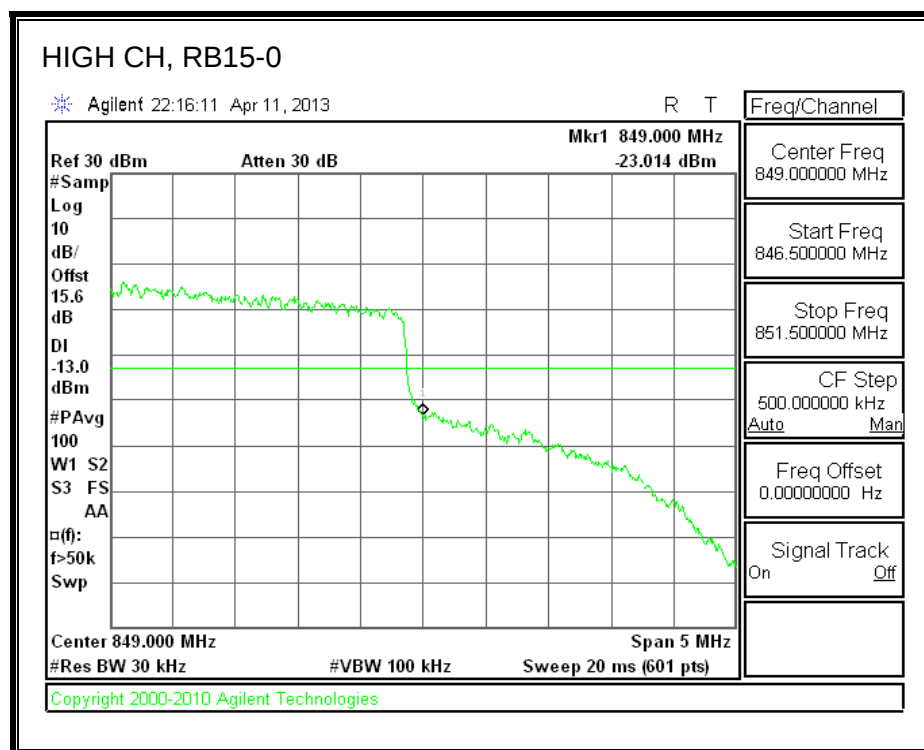
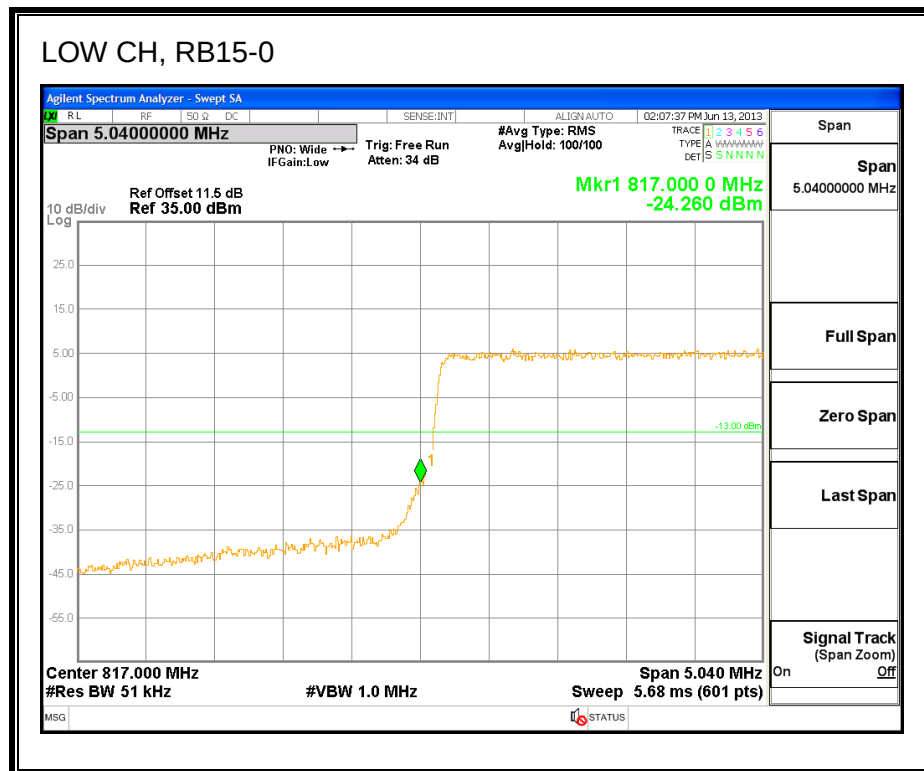


LTE 16QAM Band 26 (3 MHz BANDWIDTH)

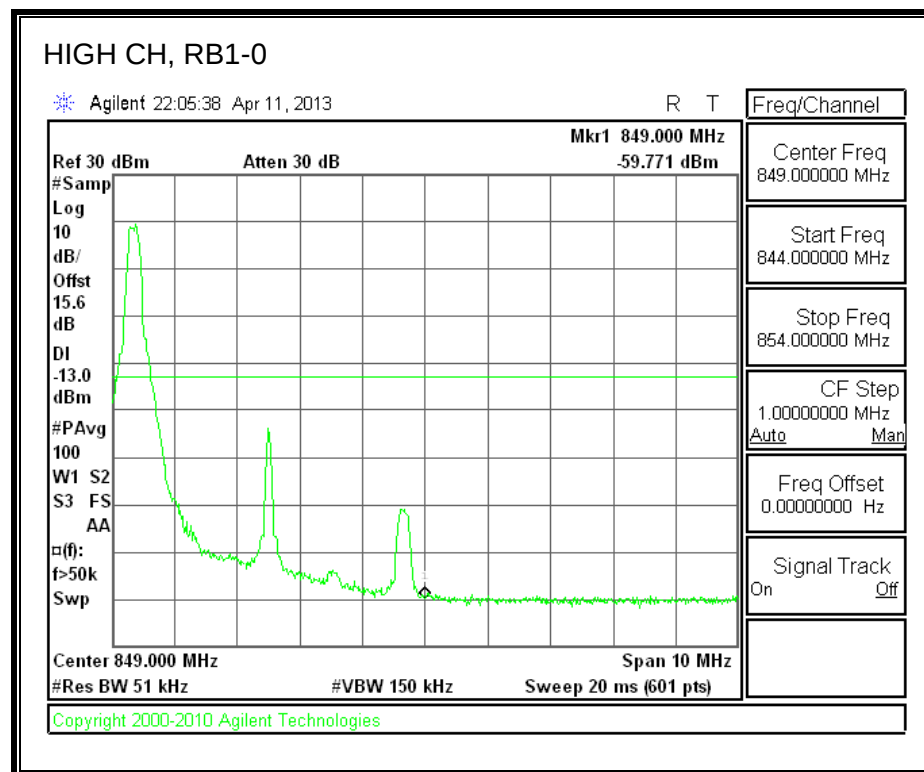
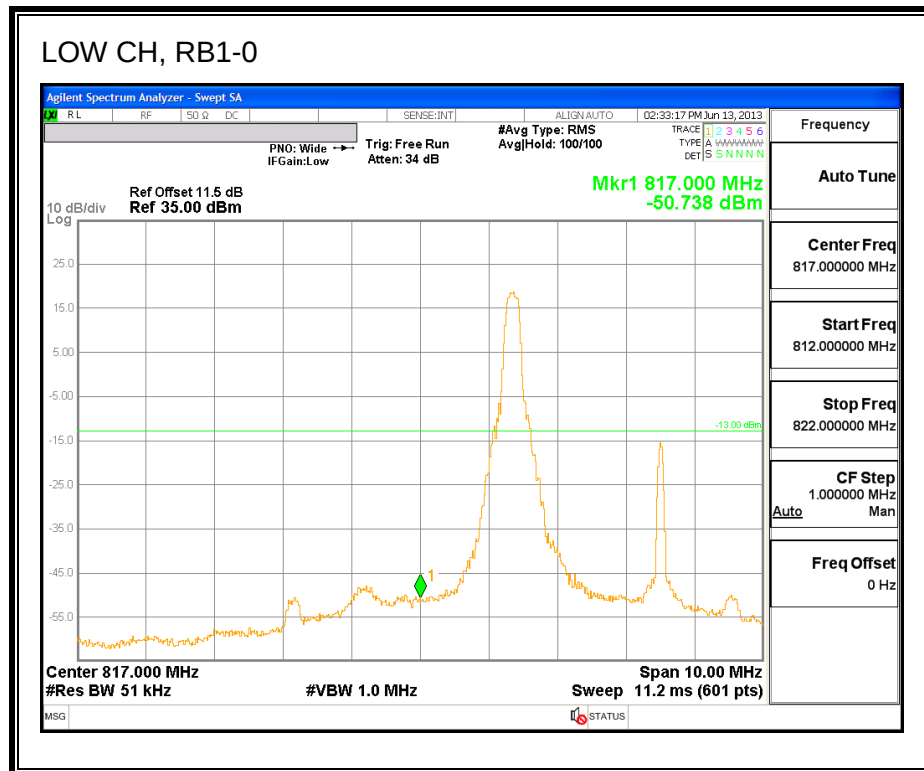


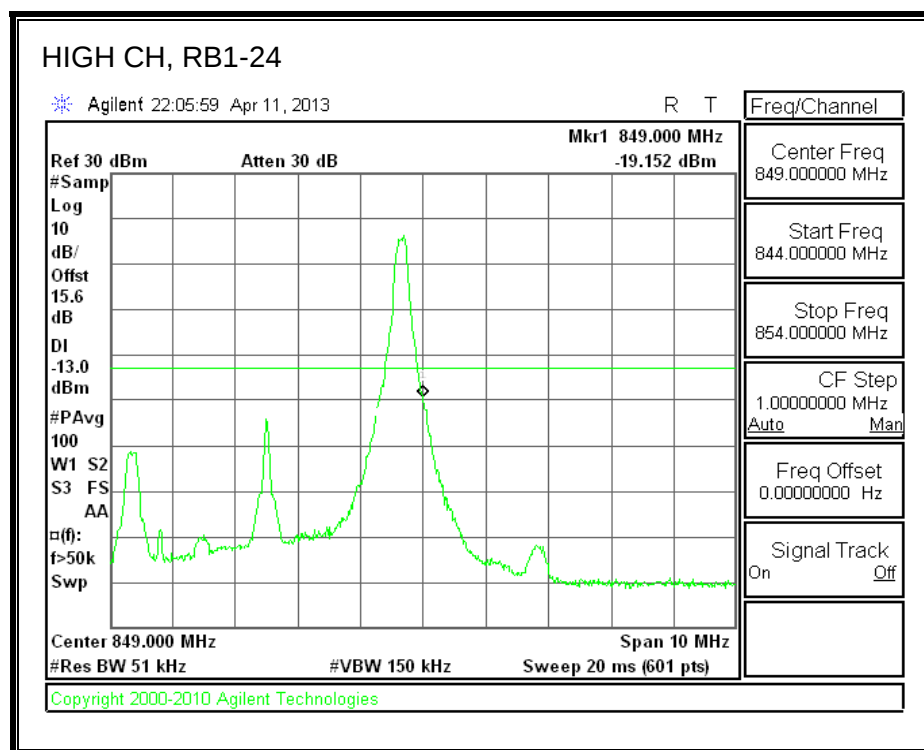
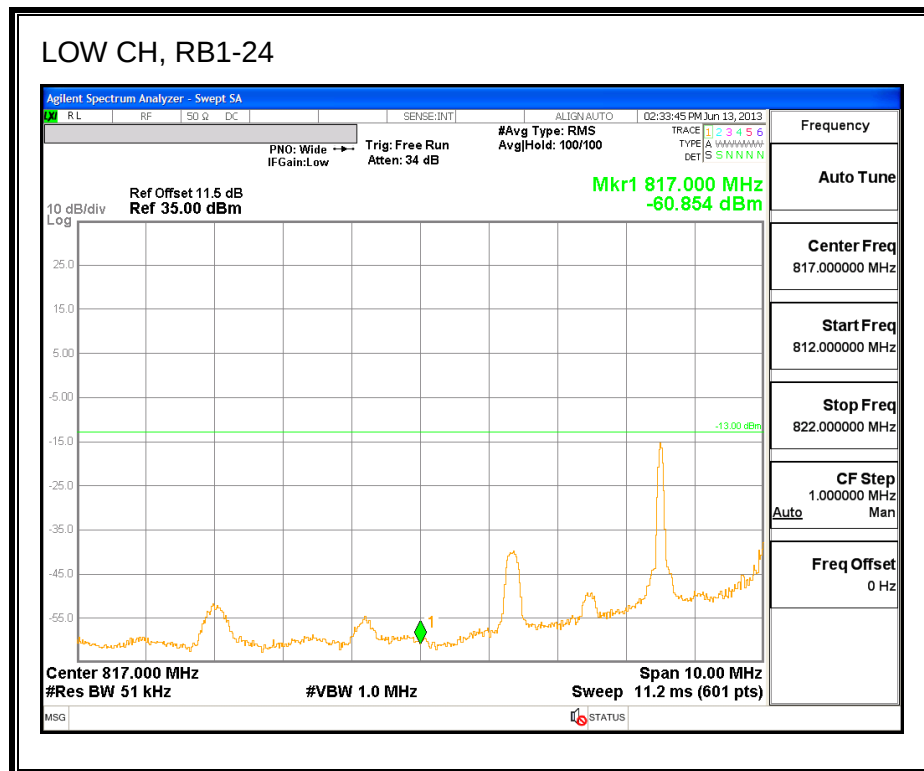


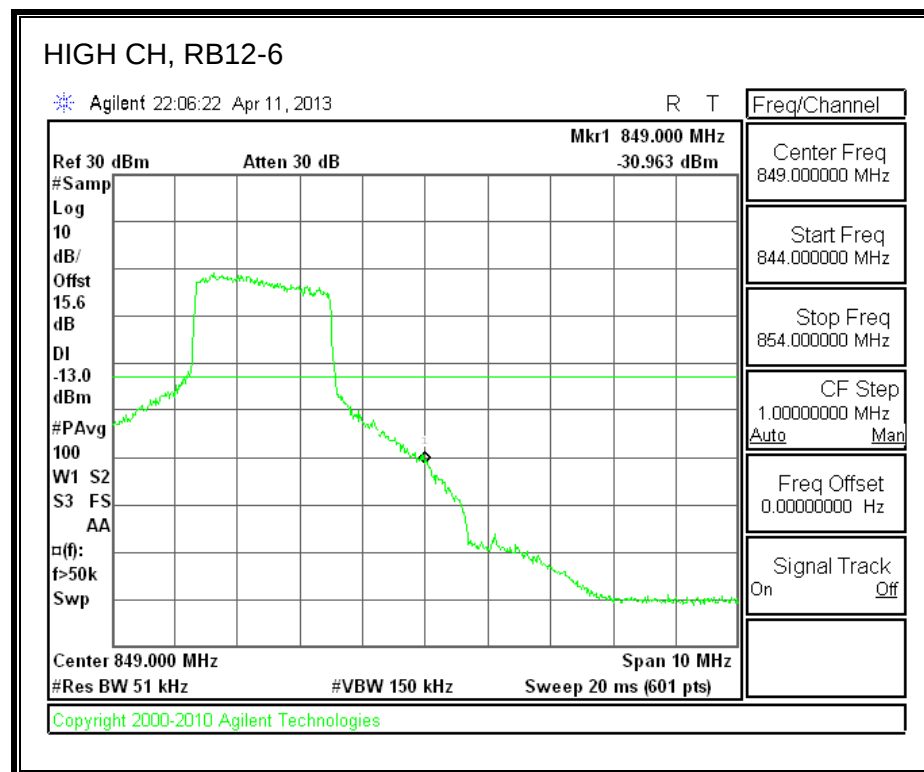
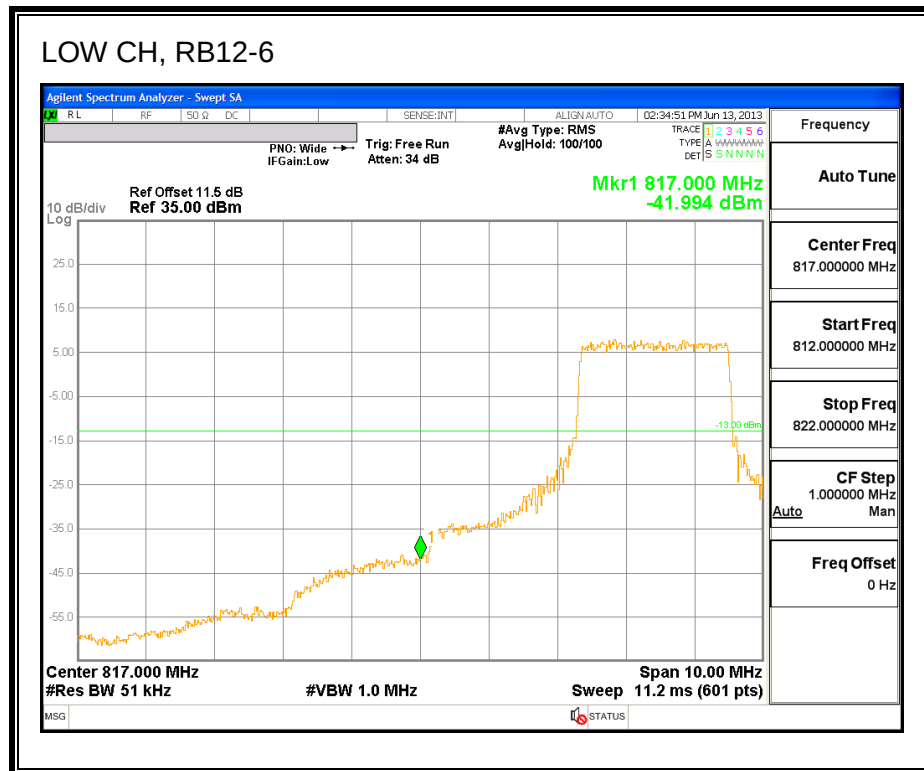


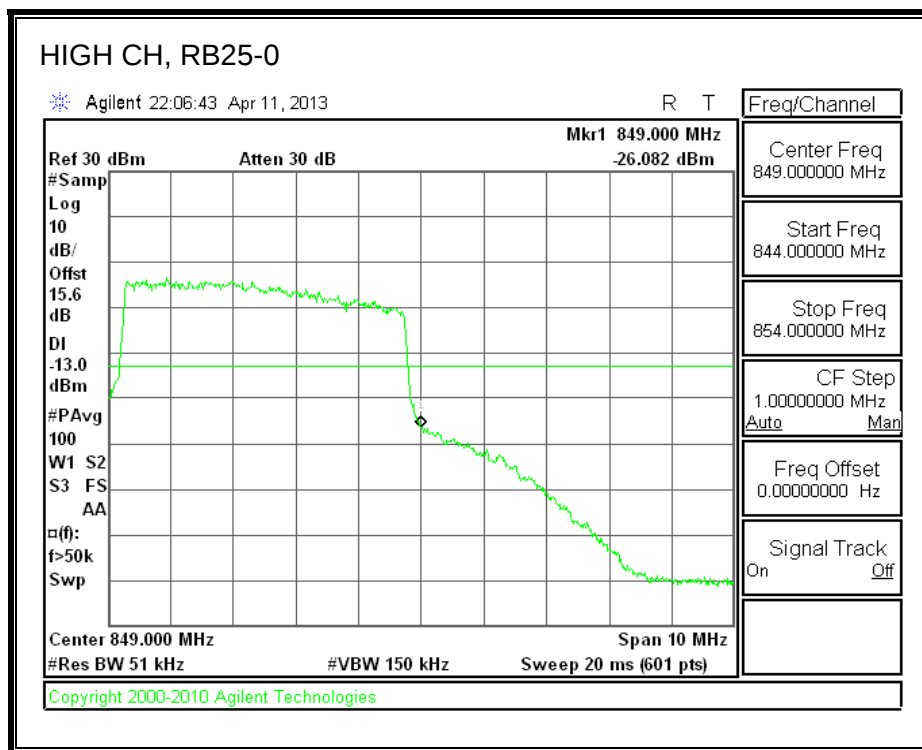
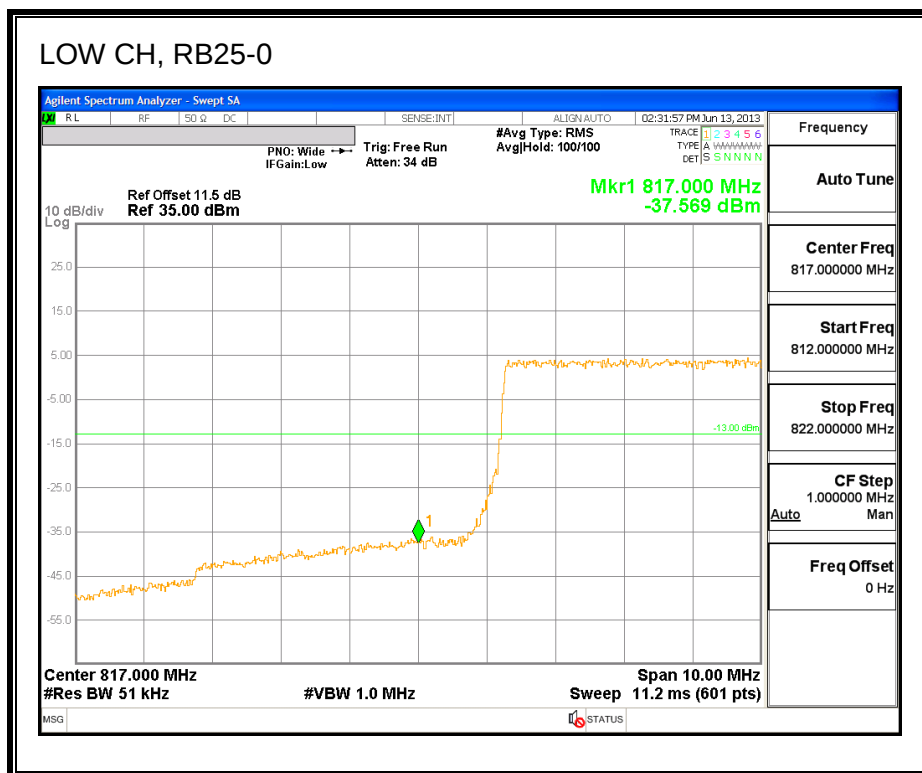


LTE QPSK Band 26 (5.0 MHz BANDWIDTH)

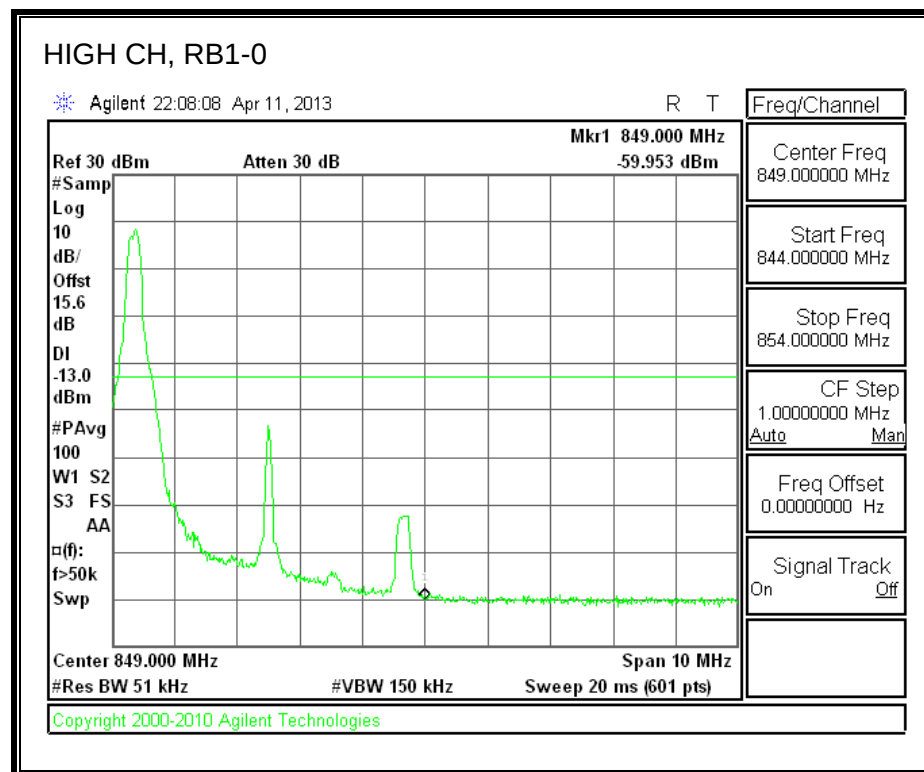
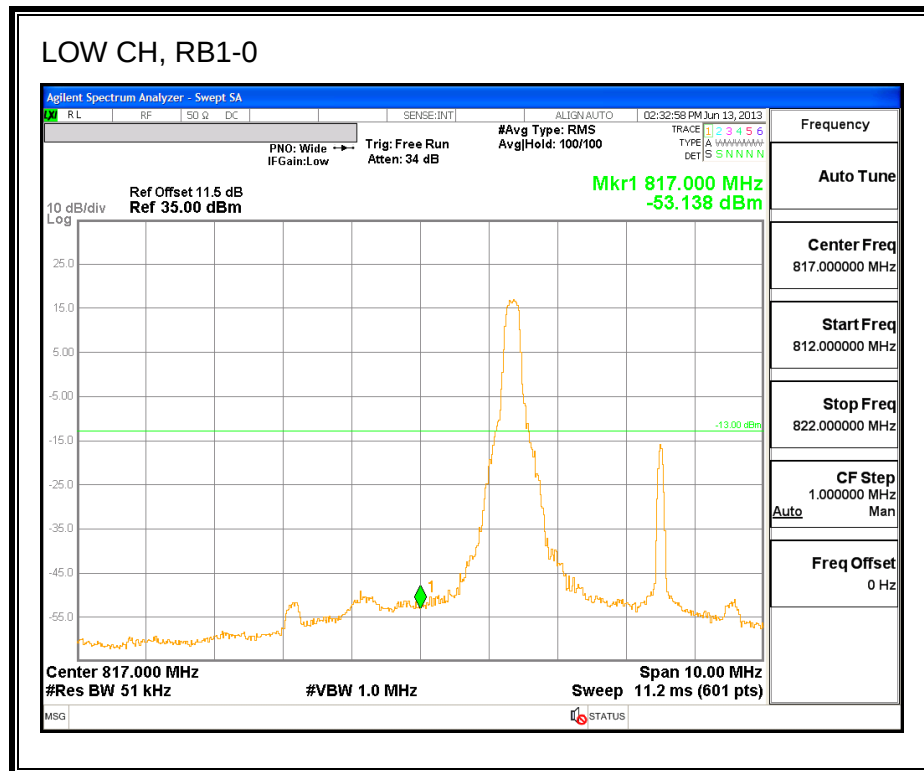


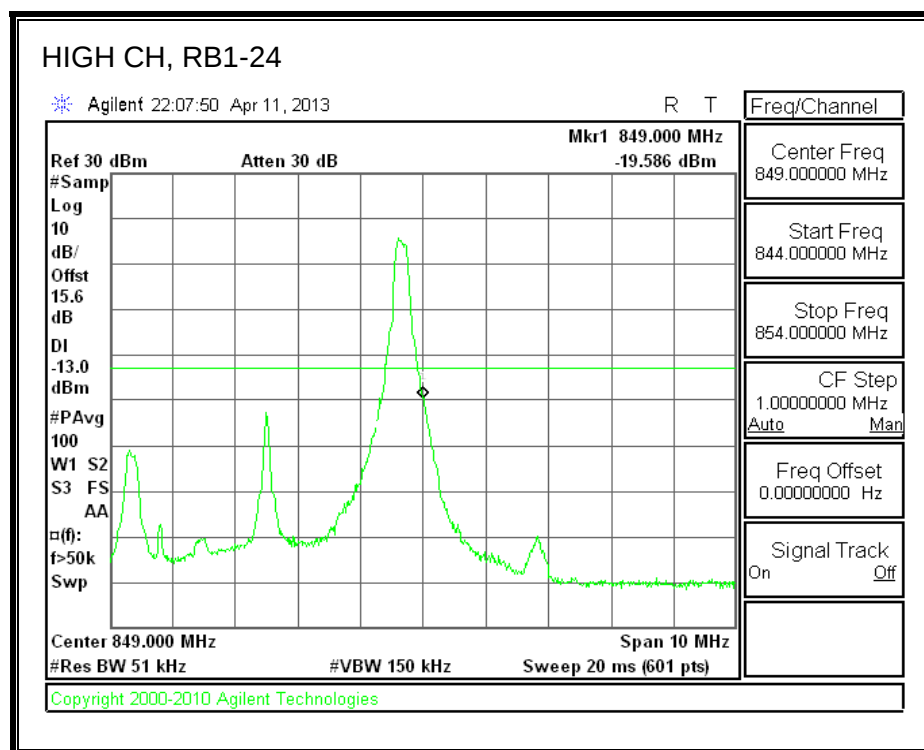
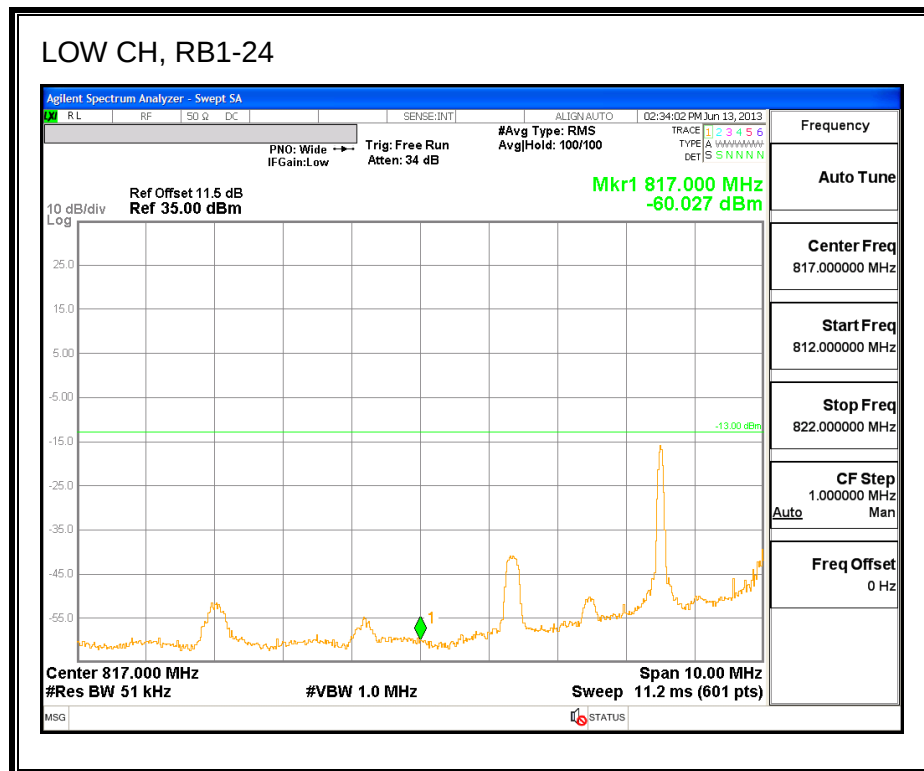


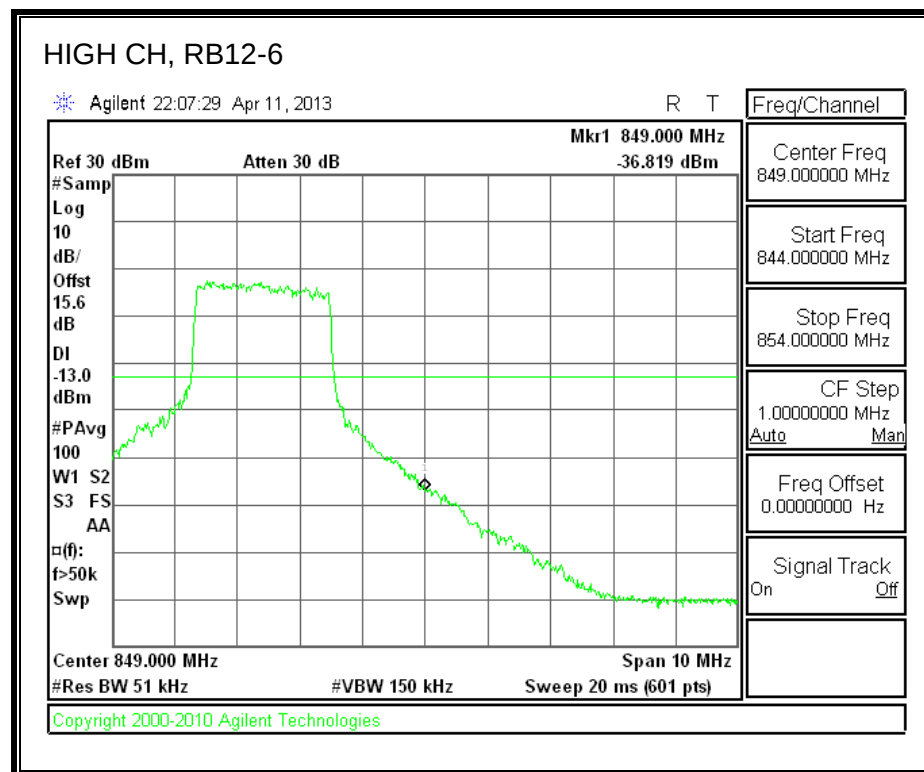
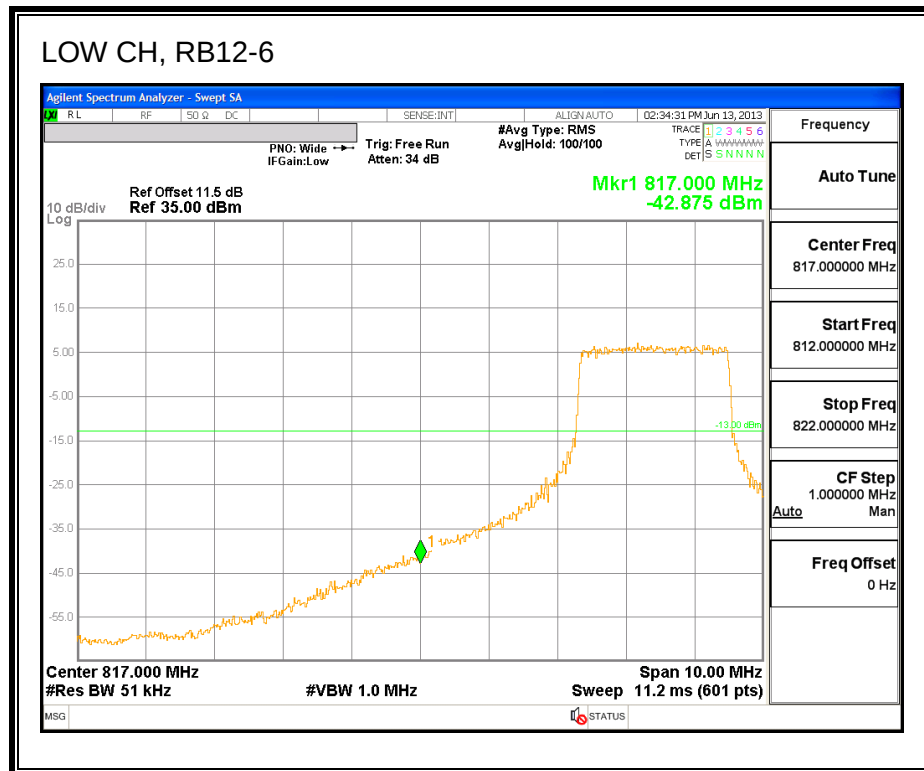


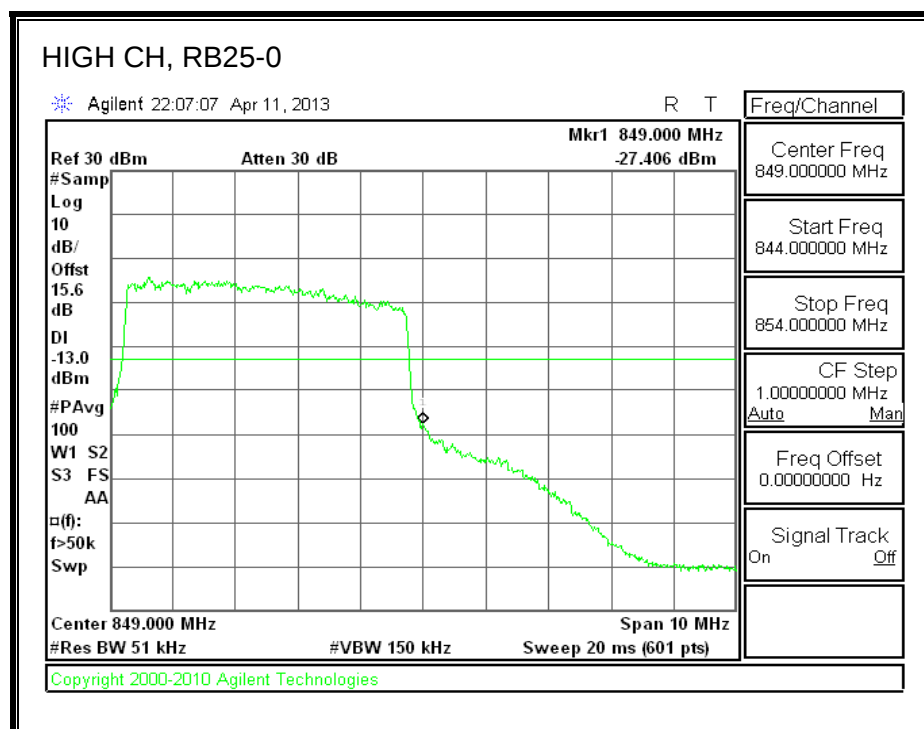
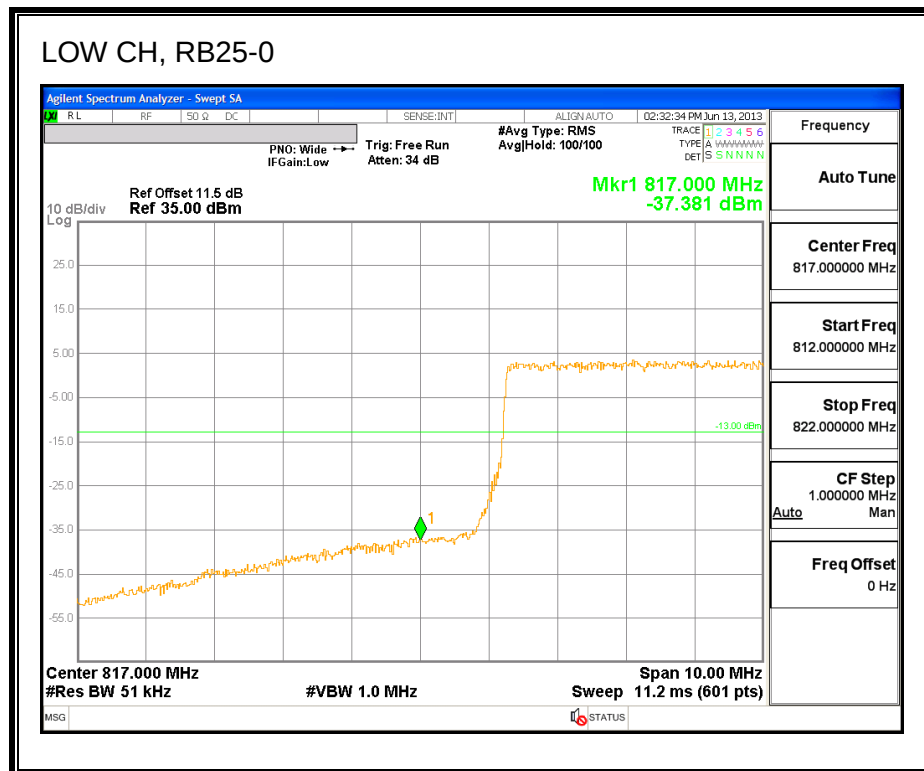


LTE 16QAM Band 26 (5 MHz BANDWIDTH)

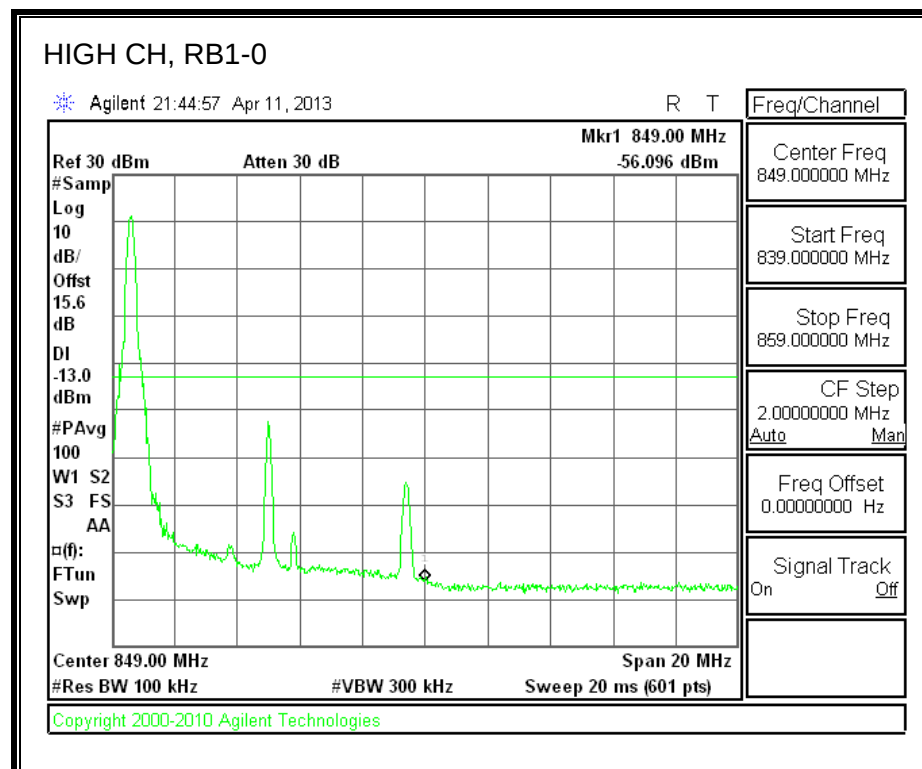
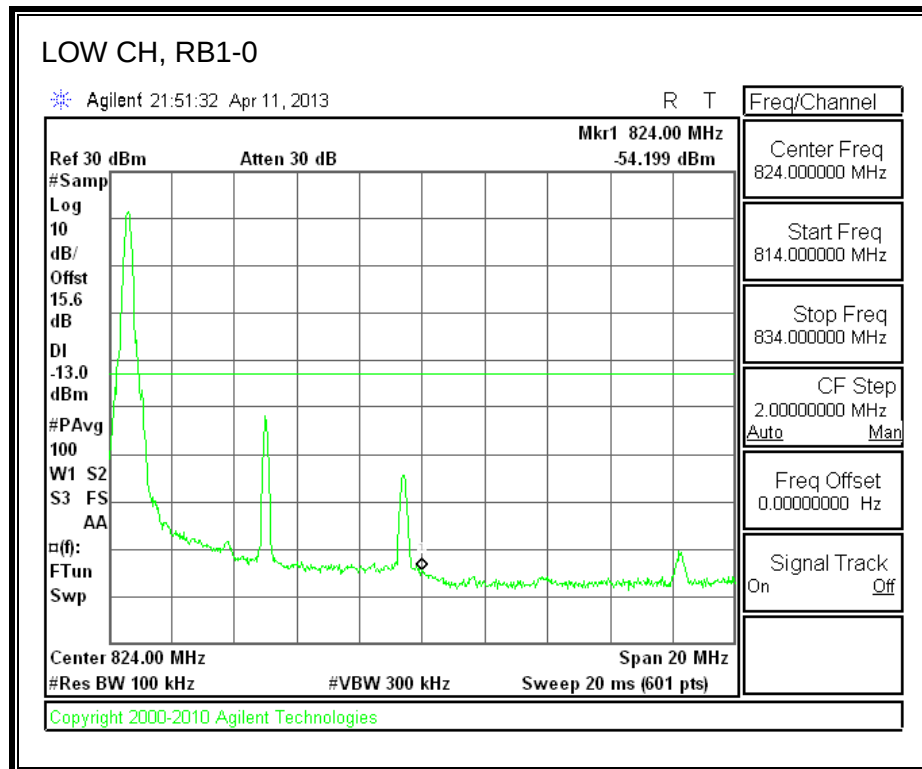


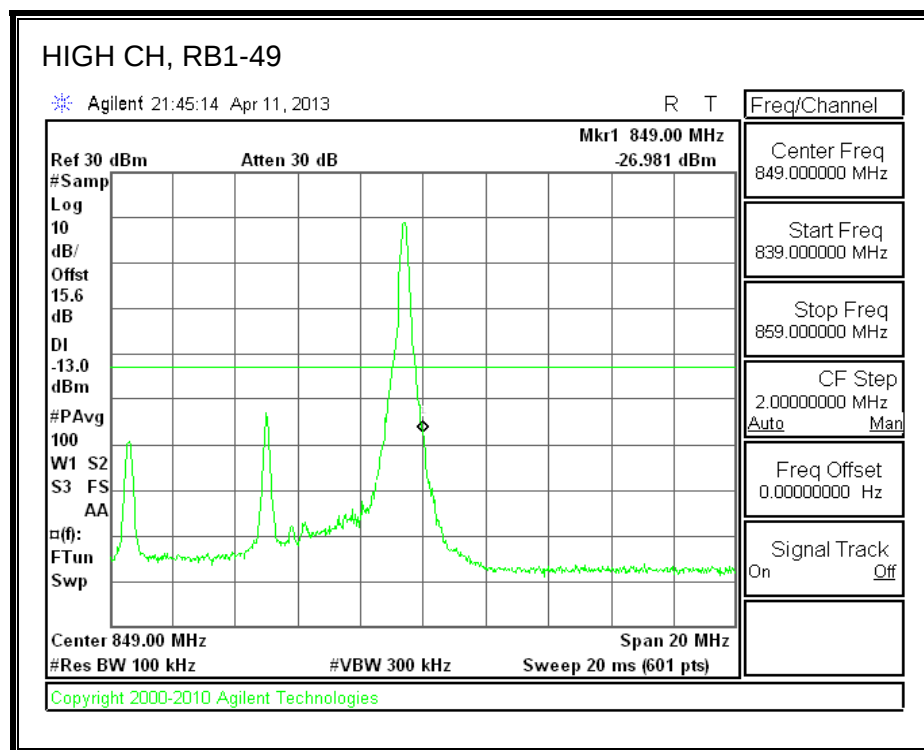
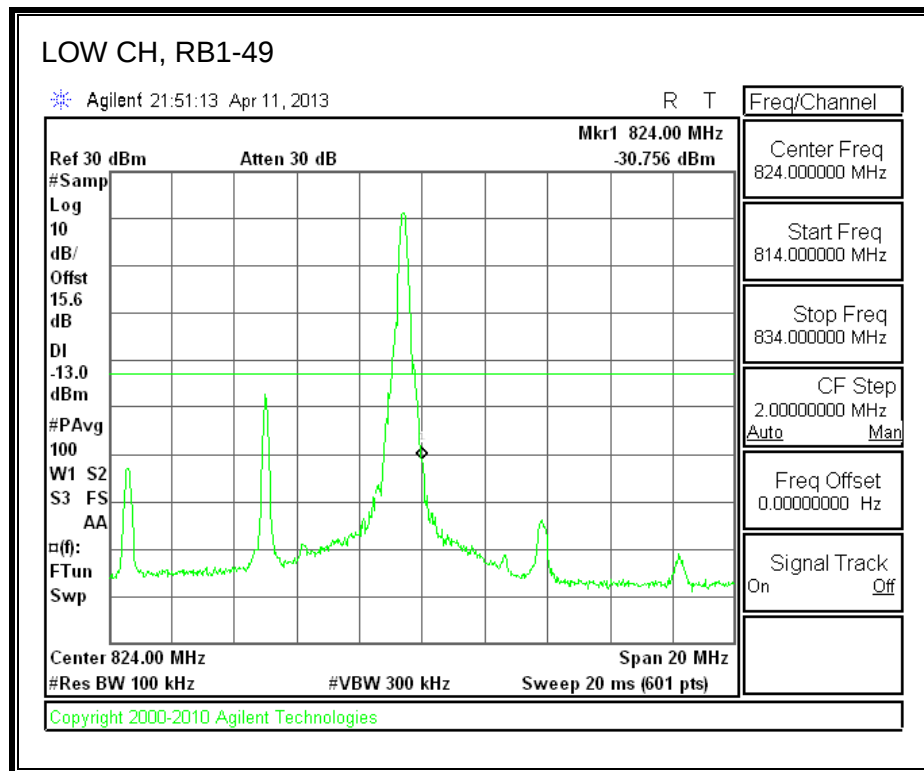


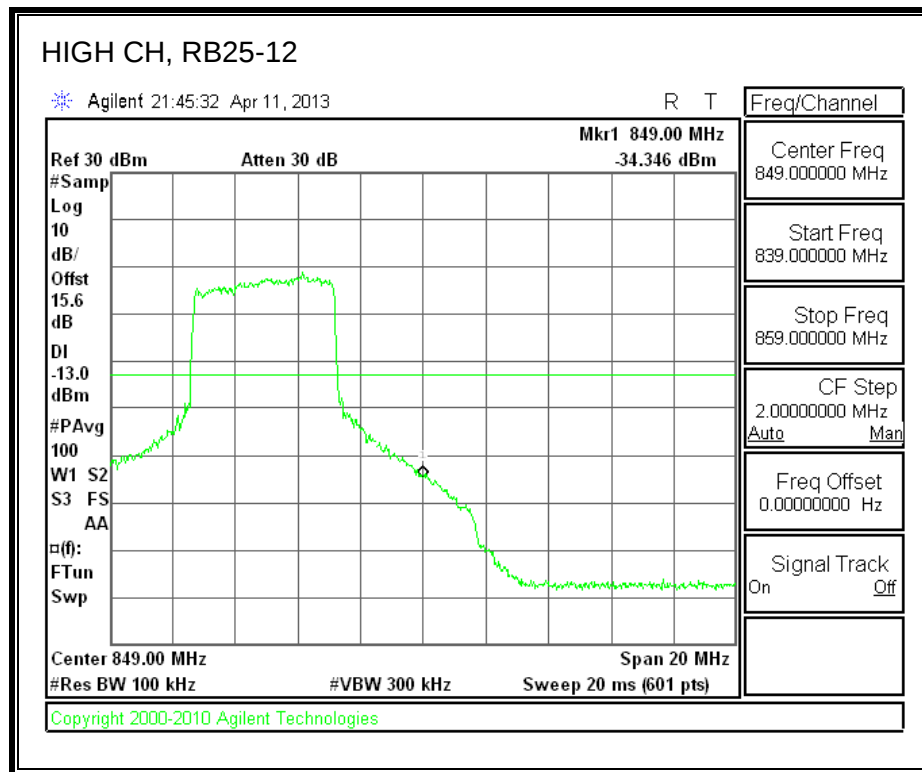
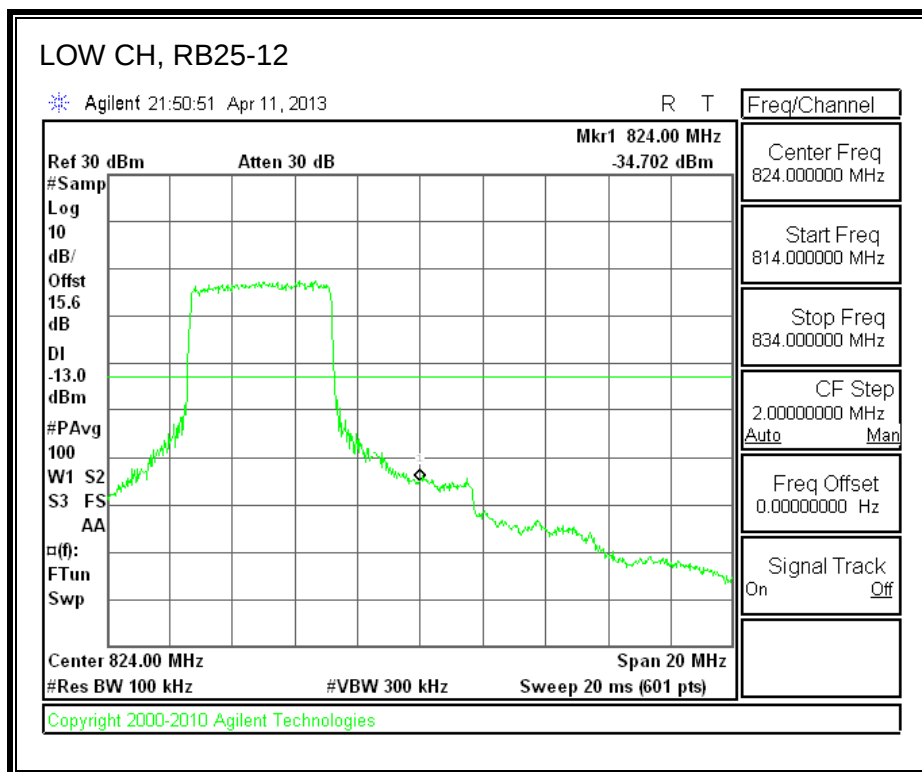


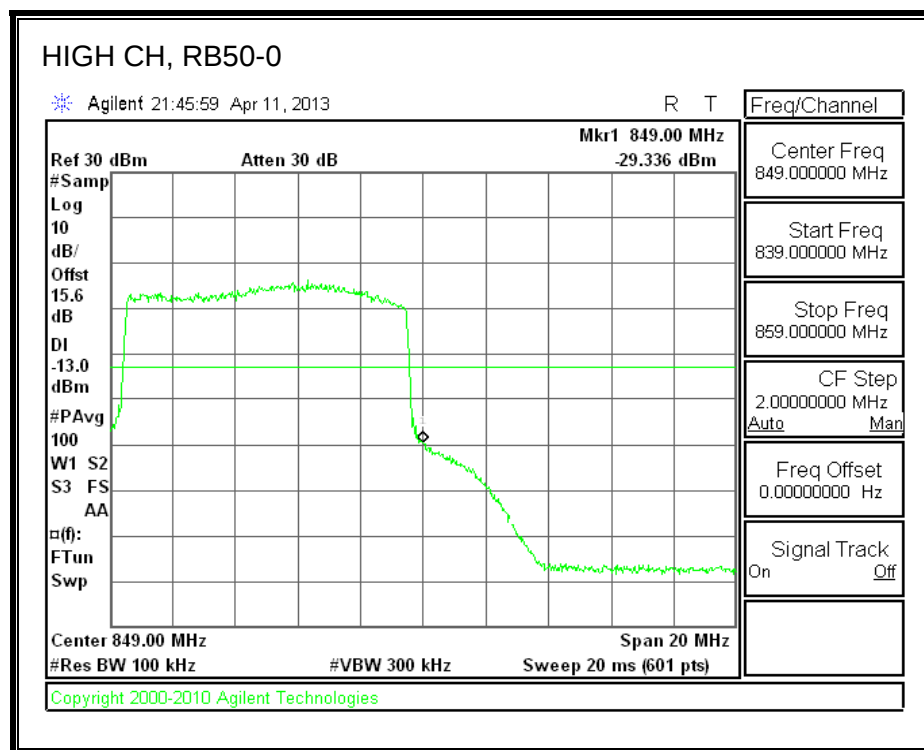
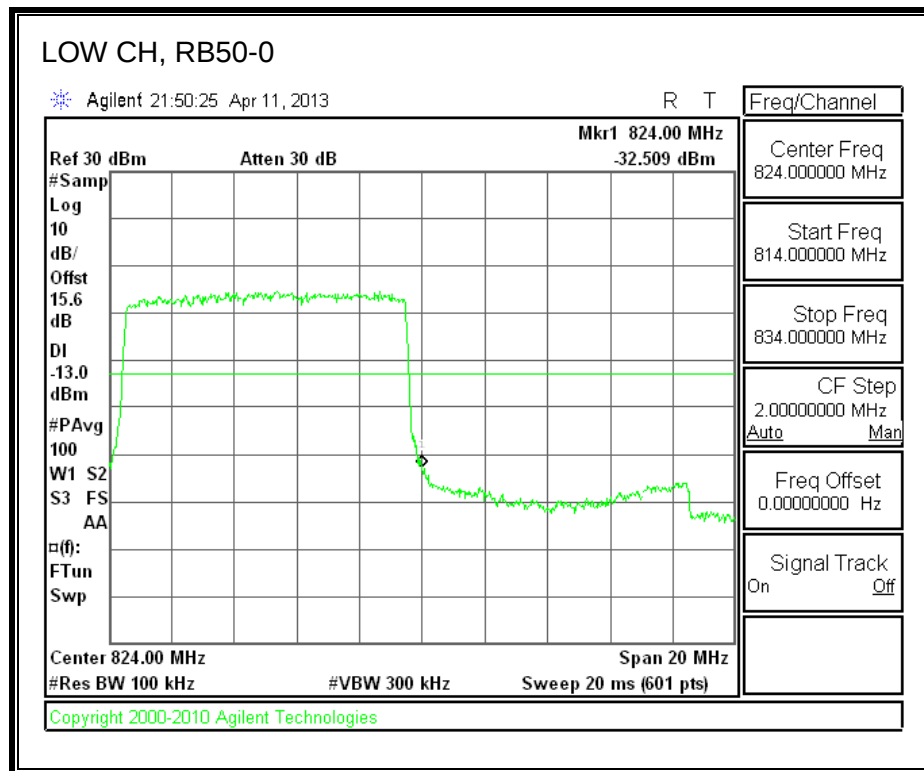


LTE QPSK Band 26 (10 MHz BANDWIDTH)

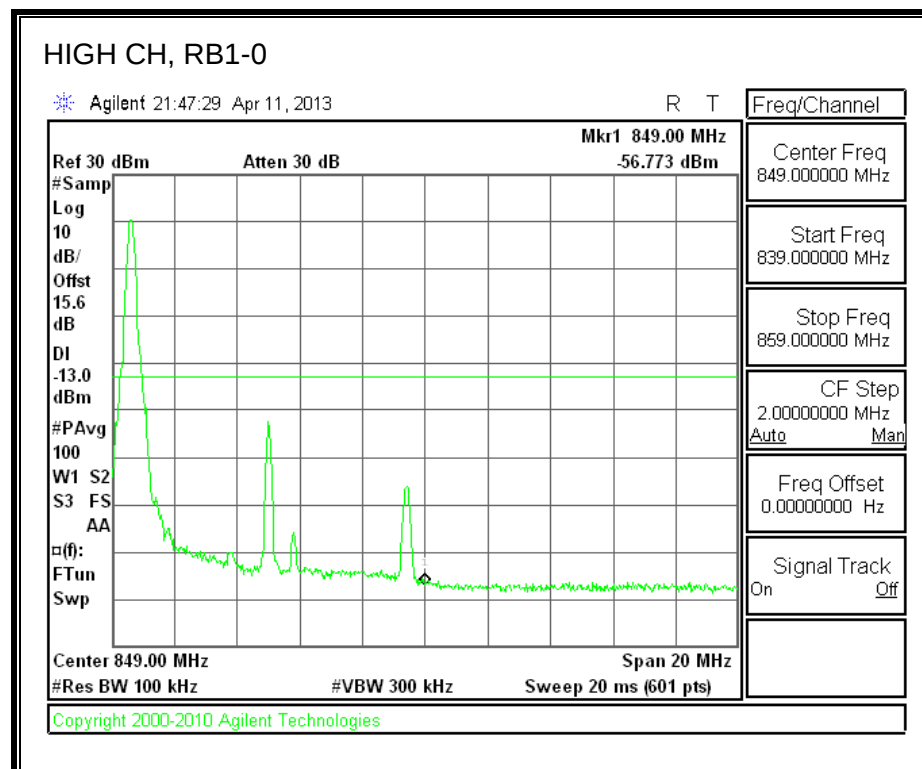
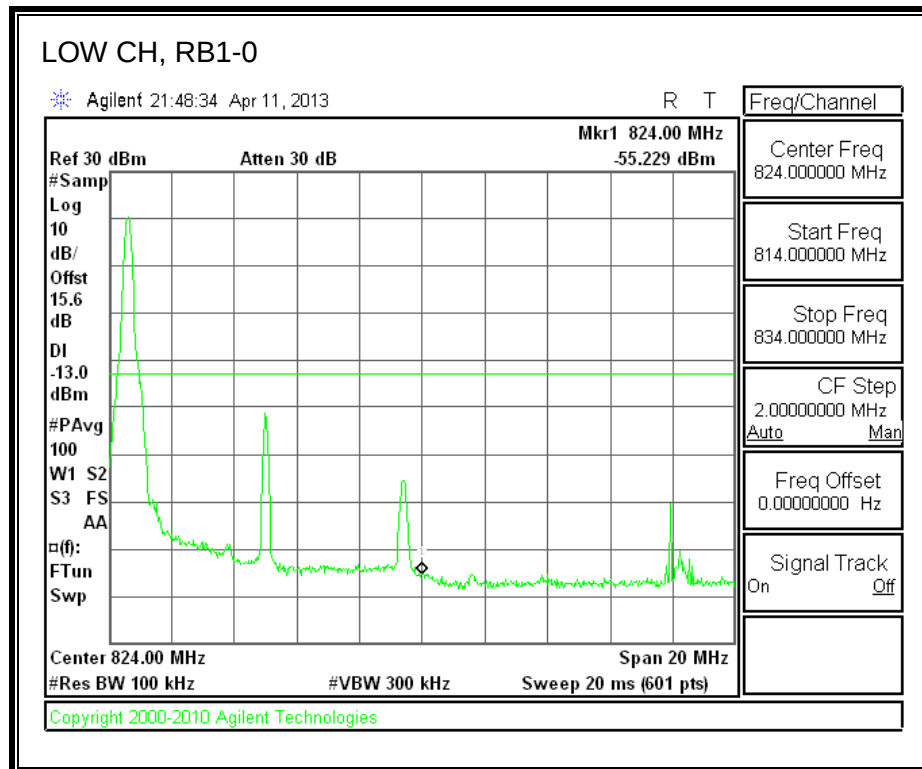


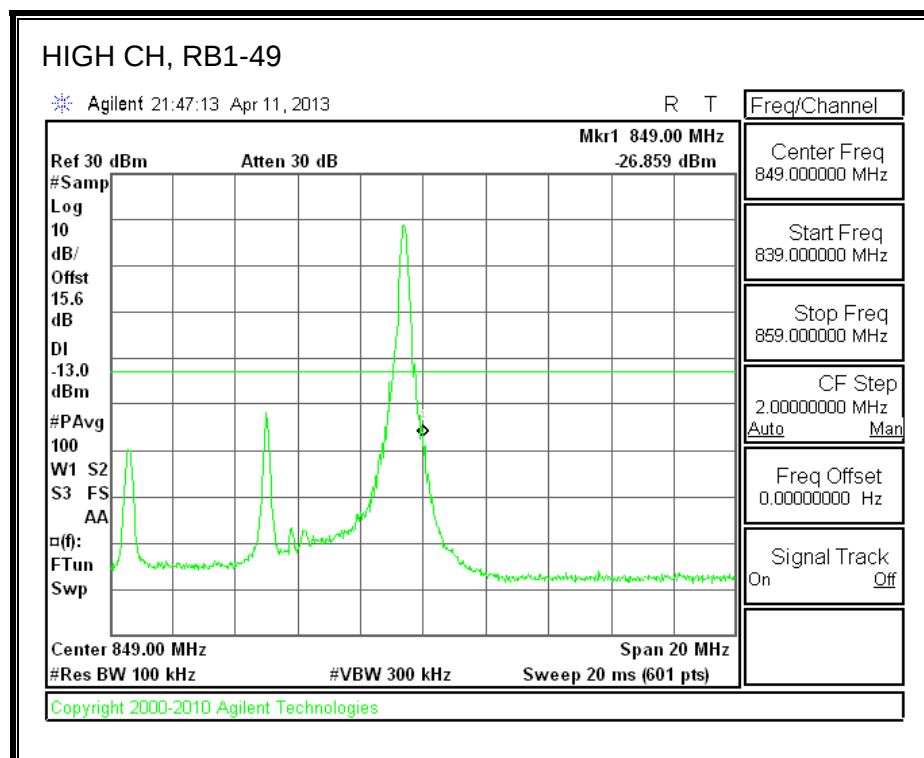
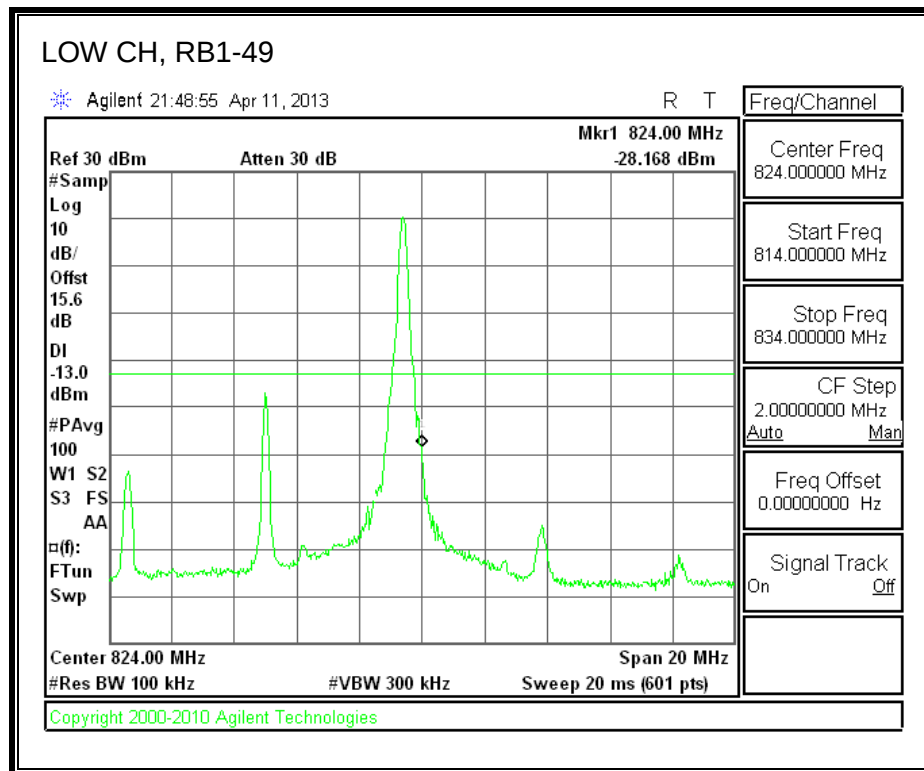


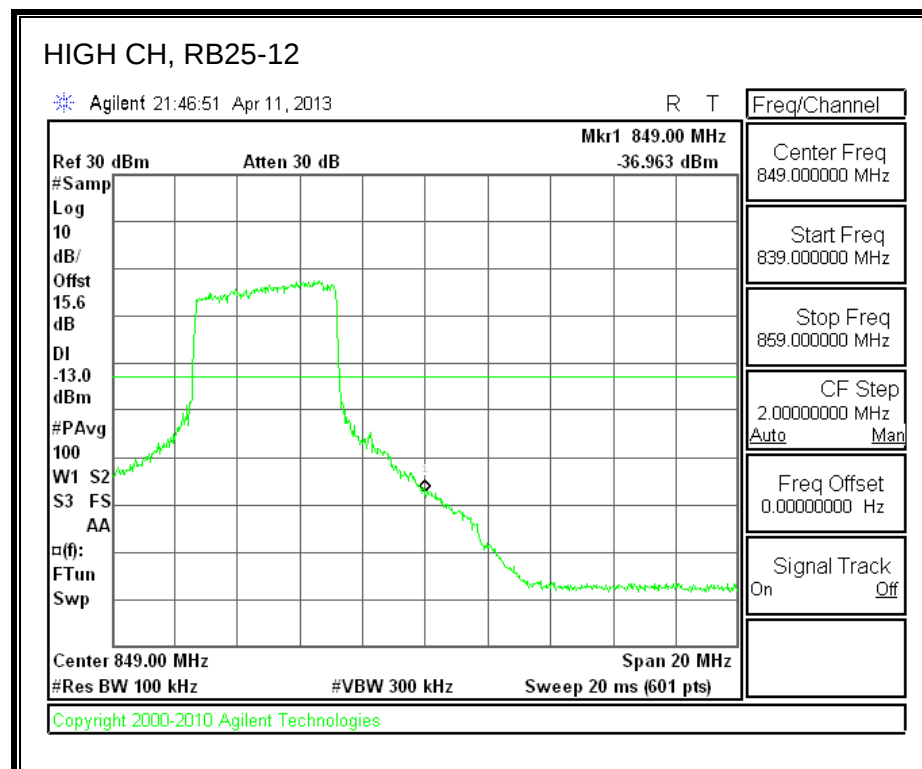
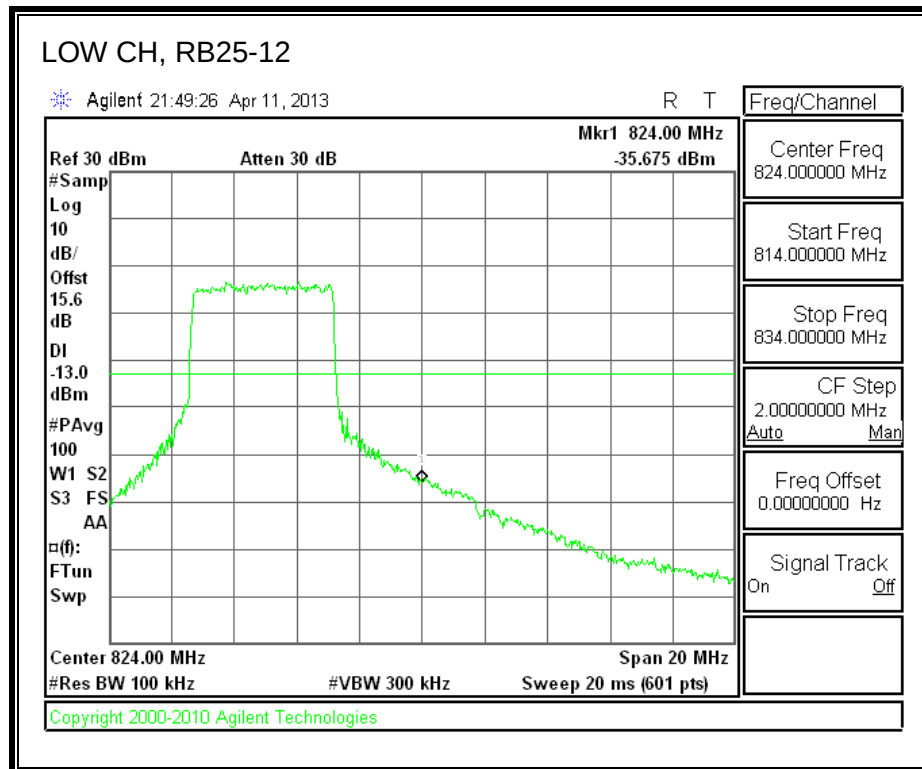


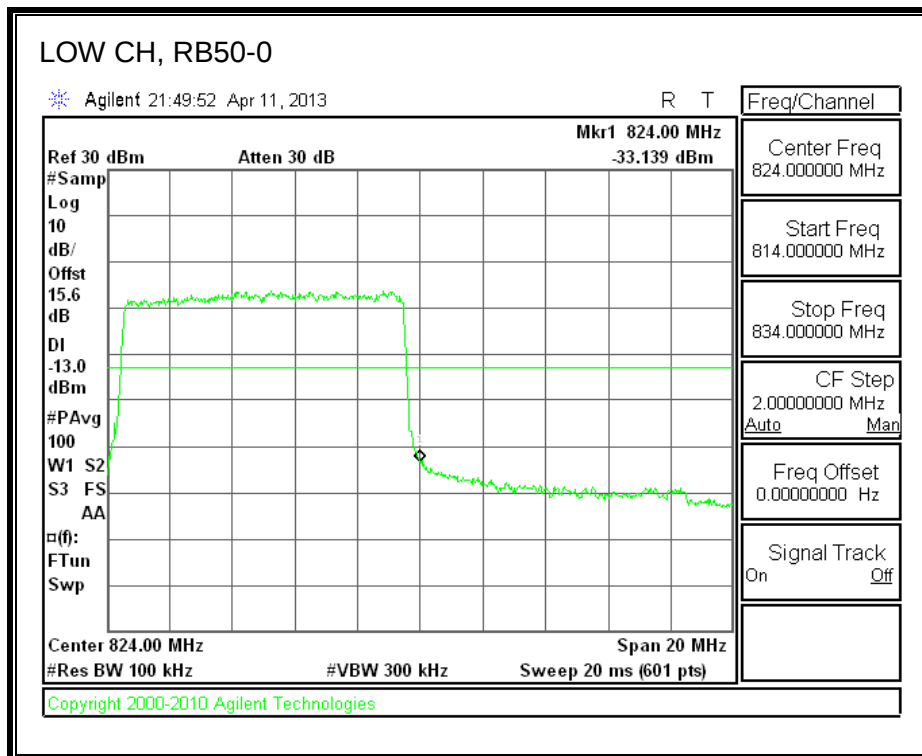


LTE 16QAM Band 26 (10 MHz BANDWIDTH)



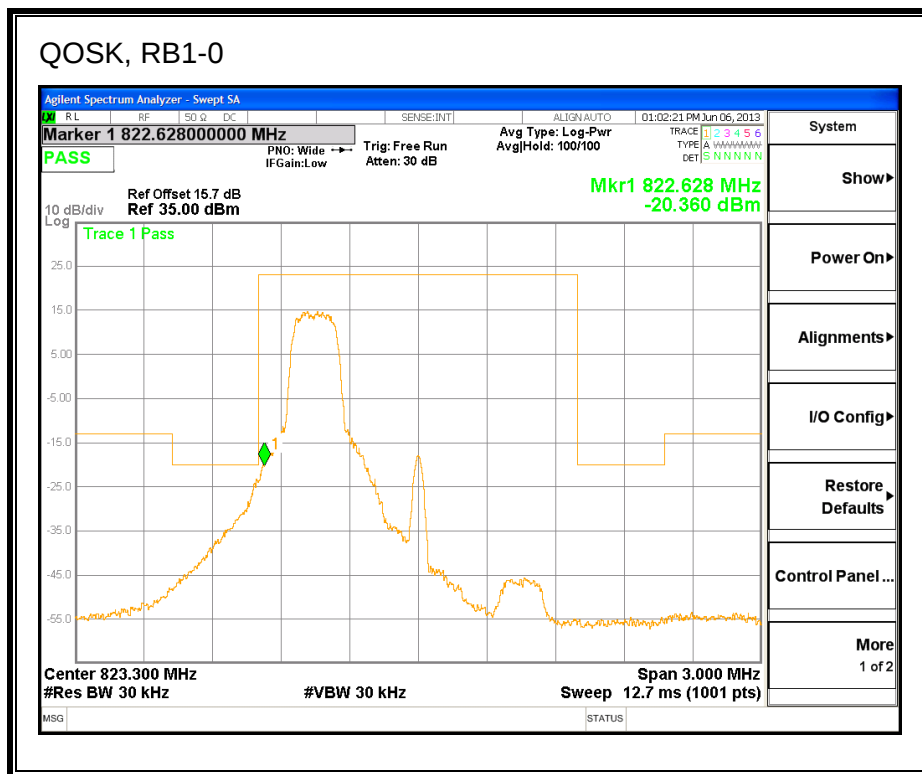


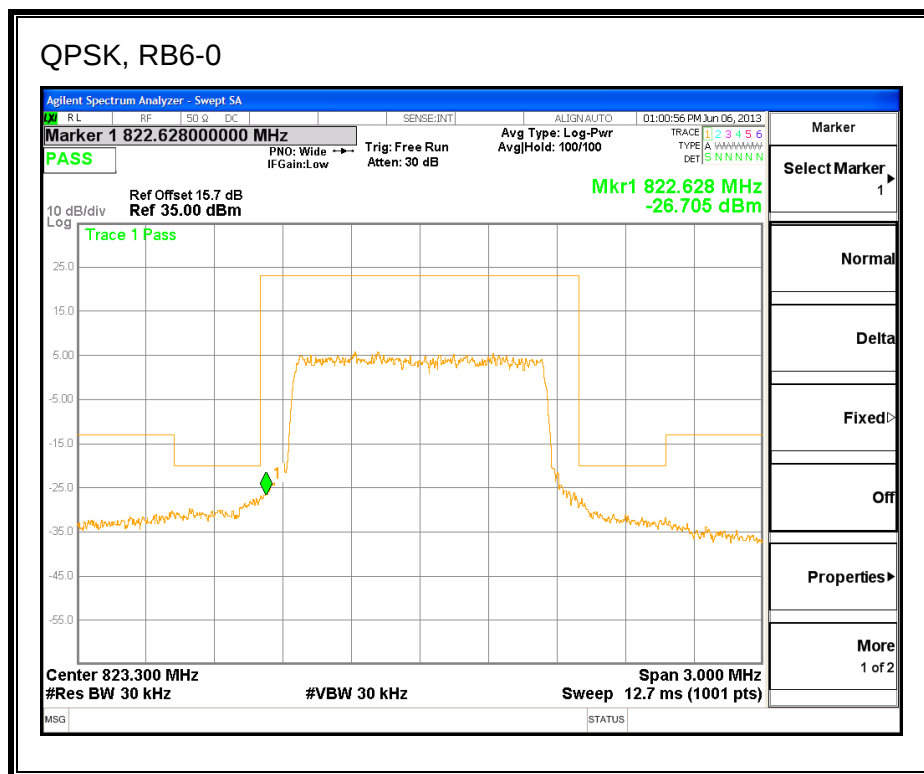


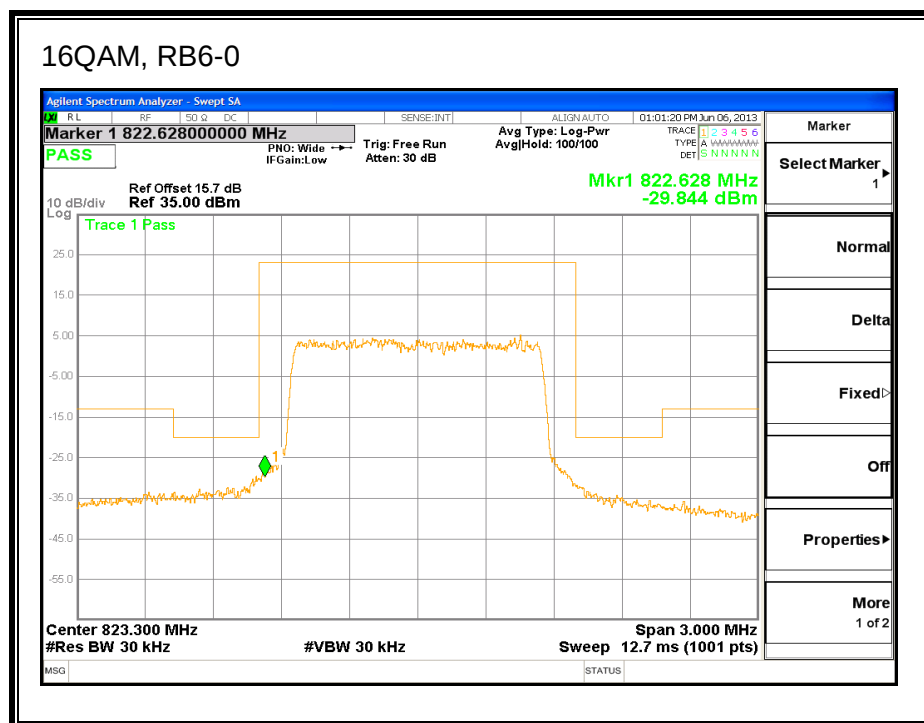
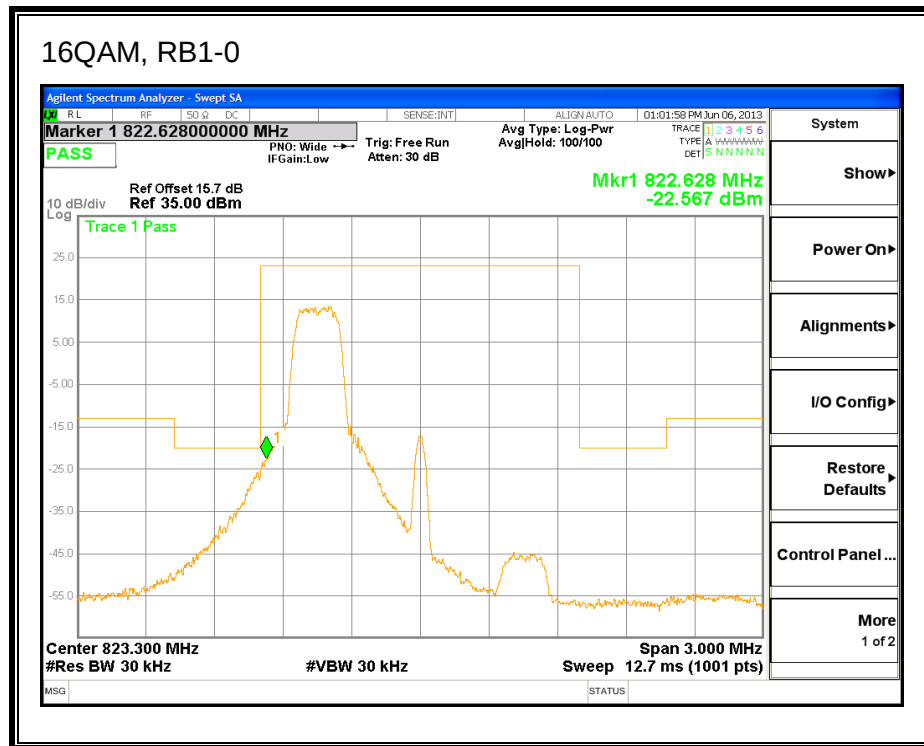


8.2.6. PART 90 EMISSION MASK

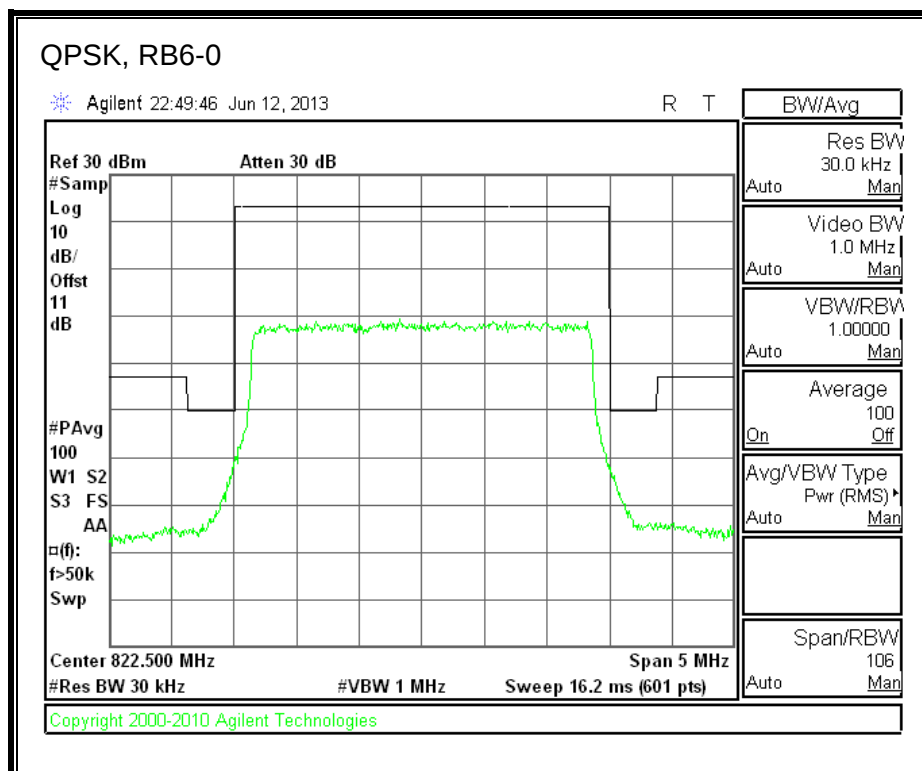
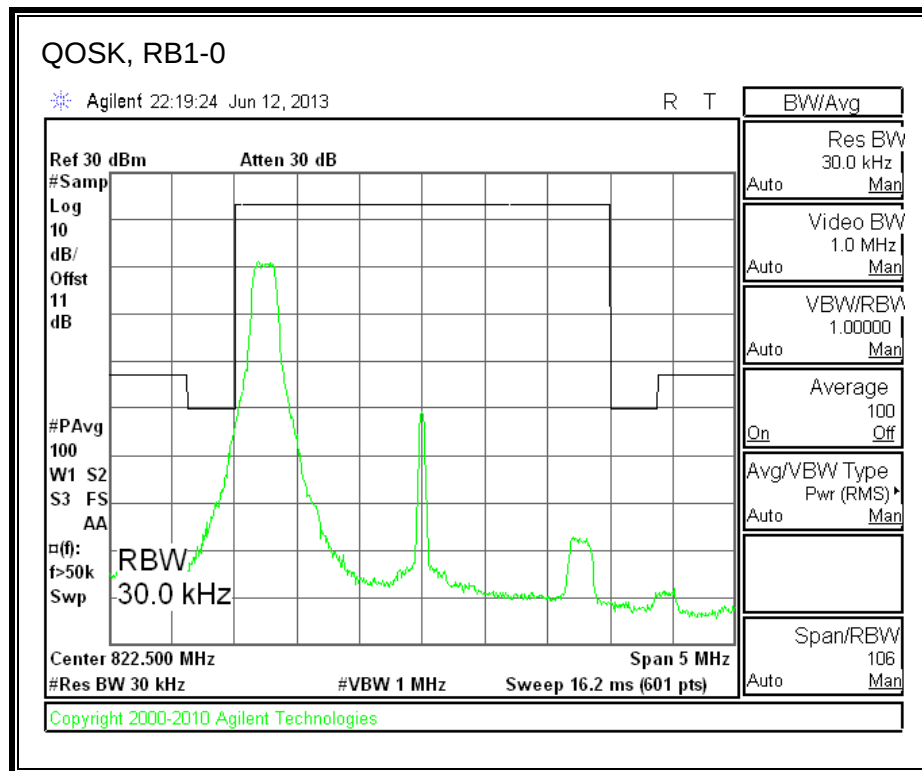
823.3MHz AT 1.4MHz BW

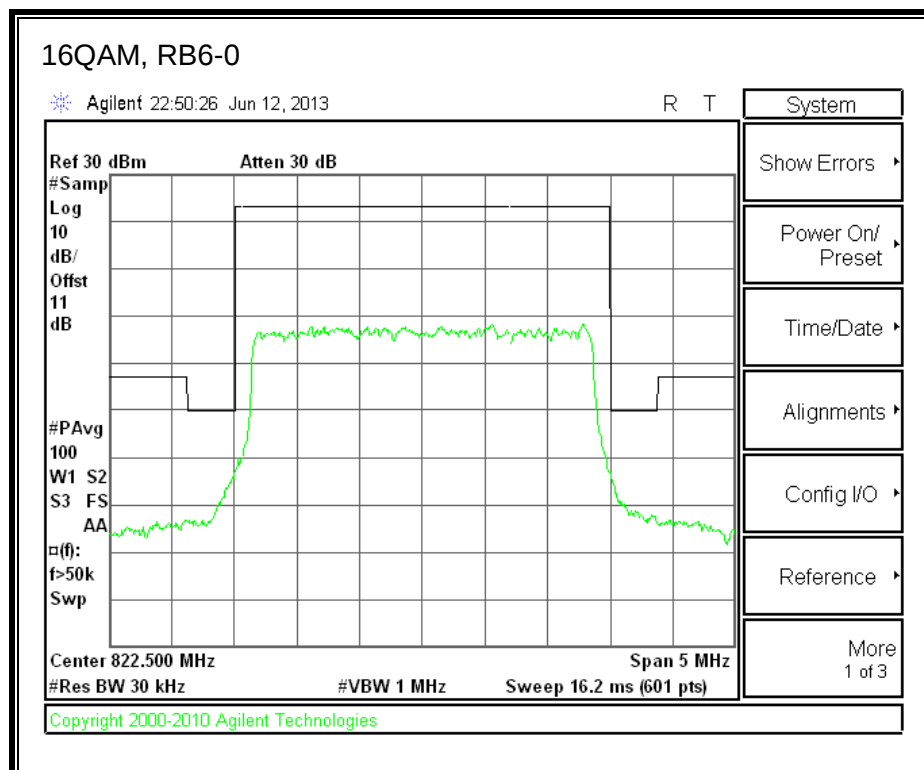
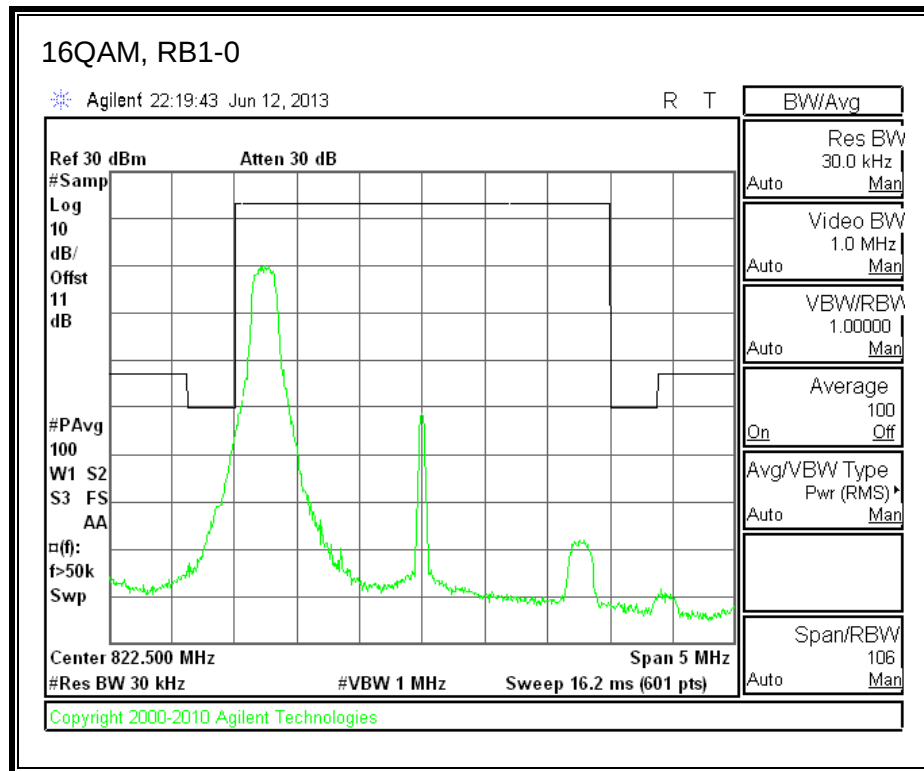




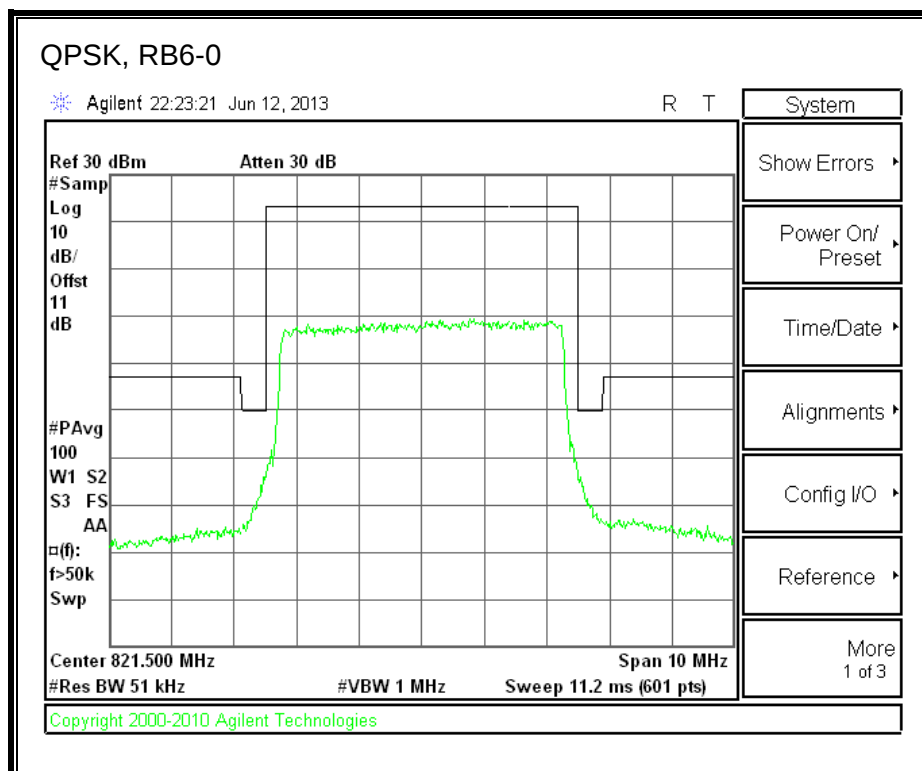
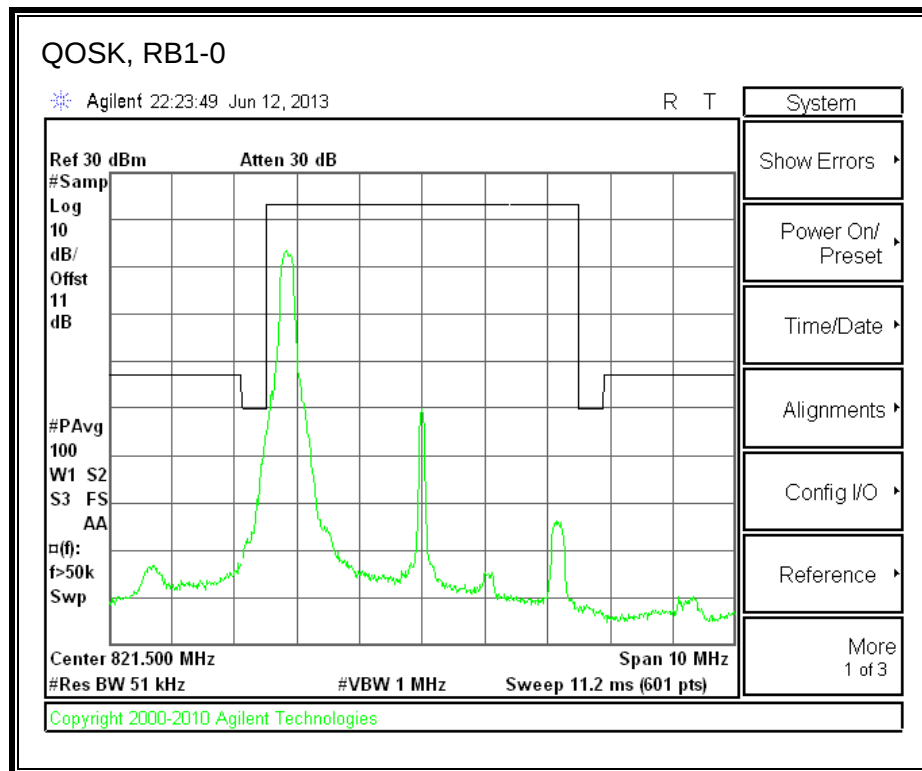


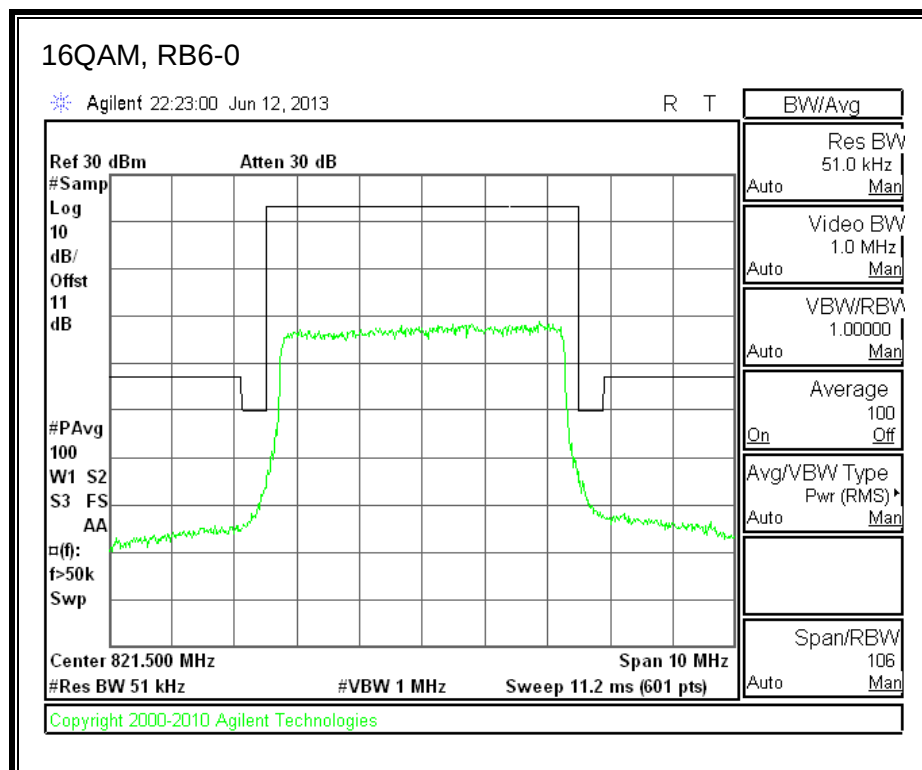
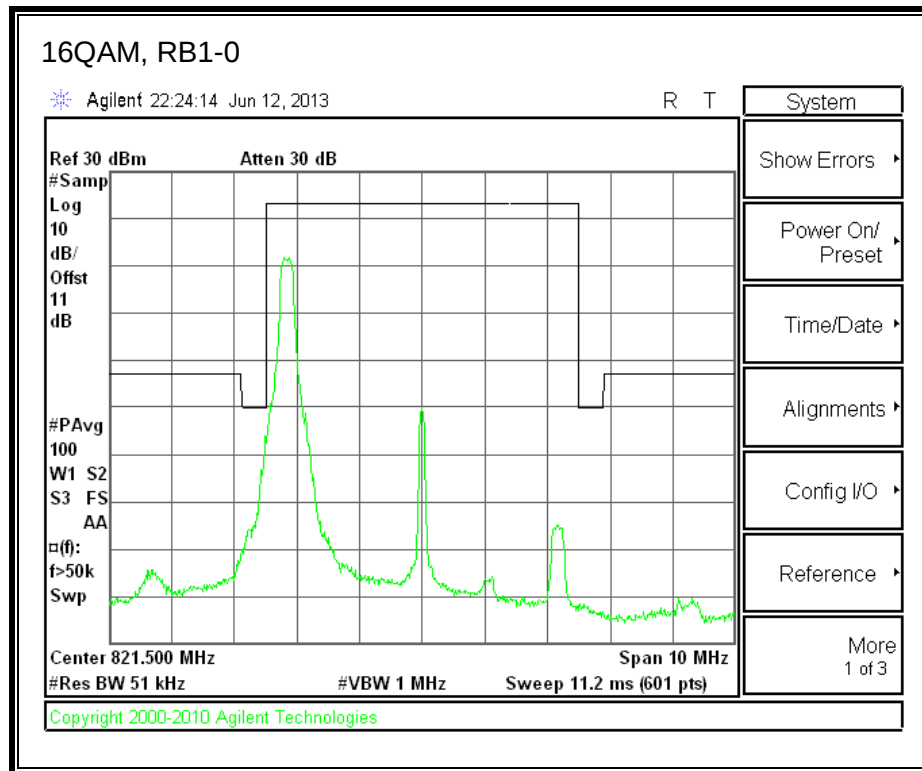
822.5MHz AT 3.0MHz BW





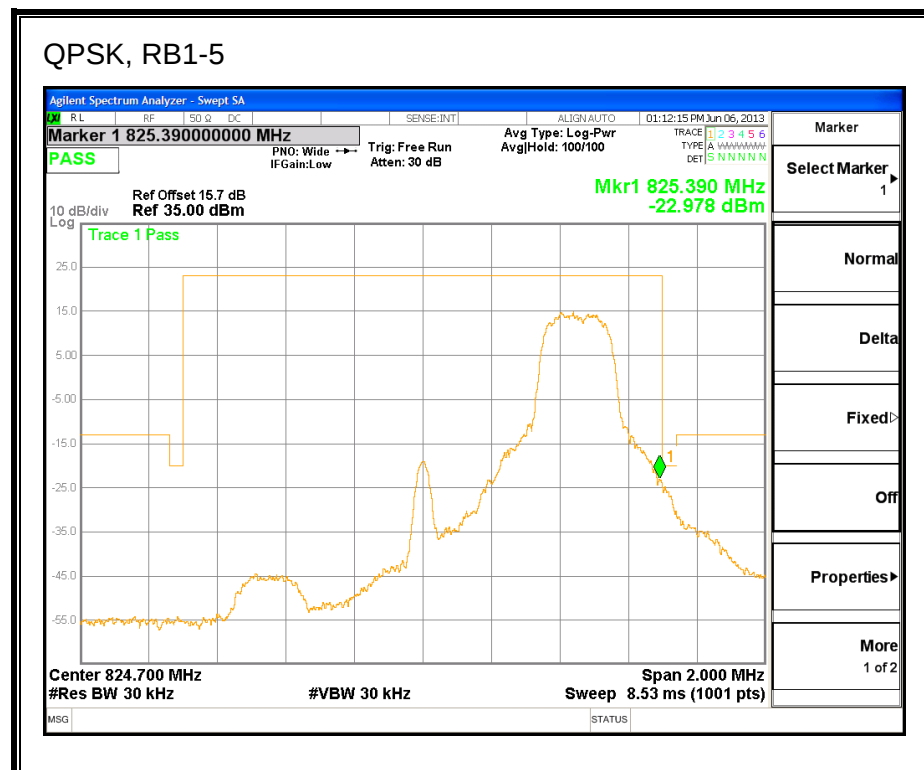
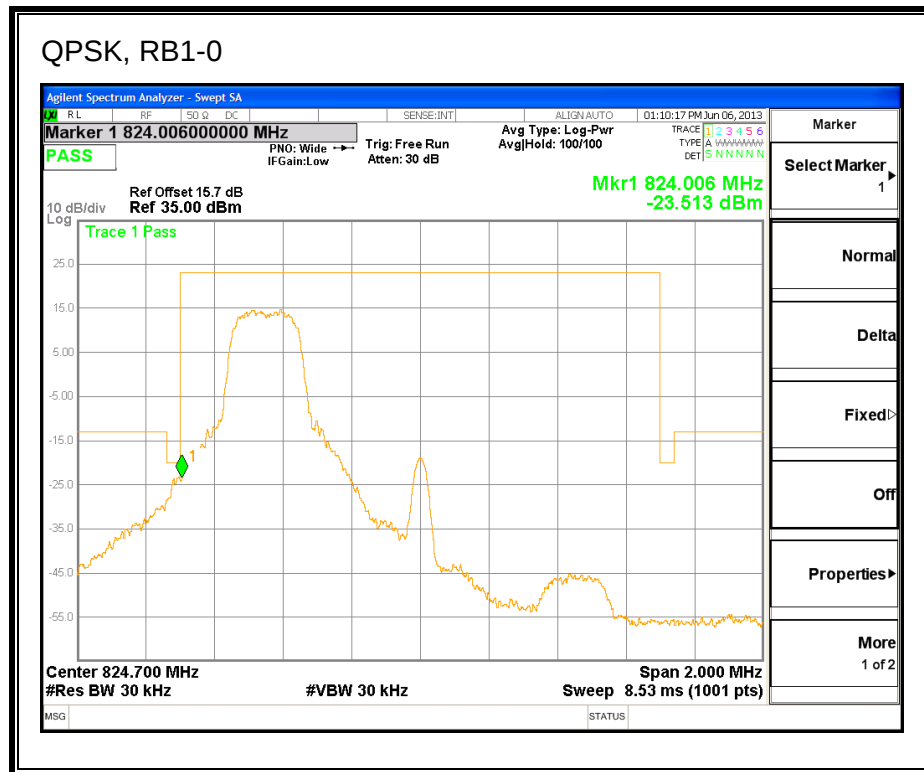
821.5MHz AT 5.0MHz BW



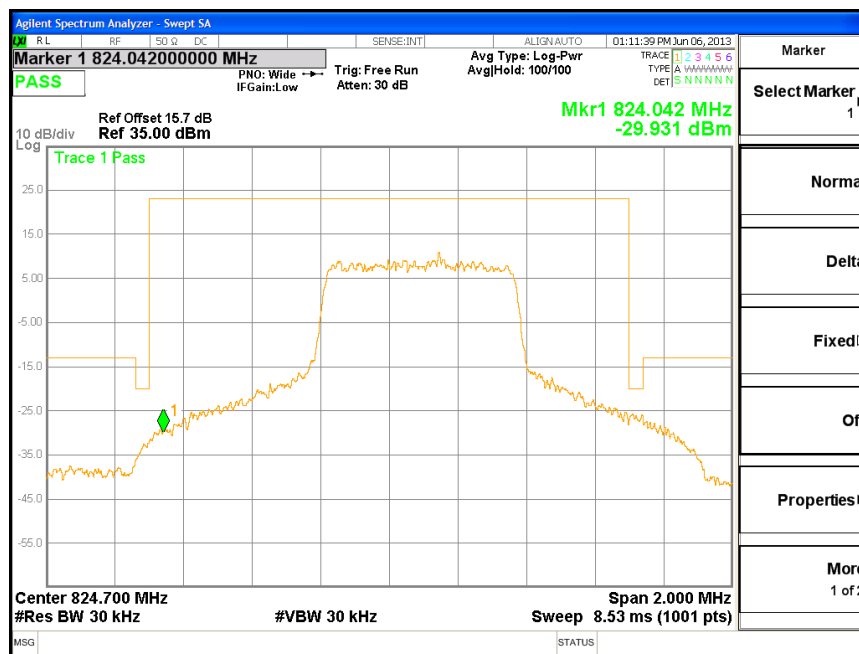


8.2.7. PART 22 BAND EDGE EMISSION MASK

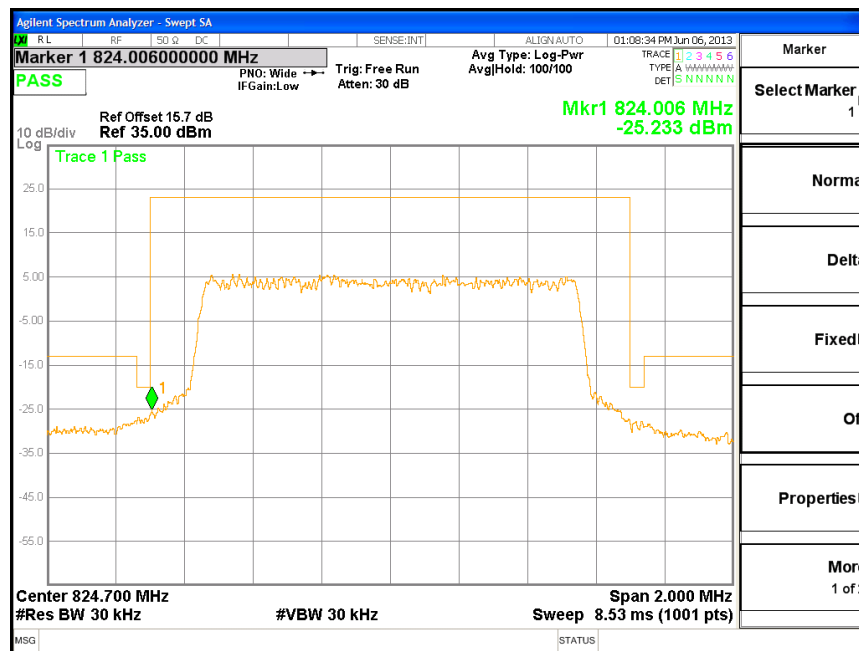
QPSK (1.4 MHz BANDWIDTH)

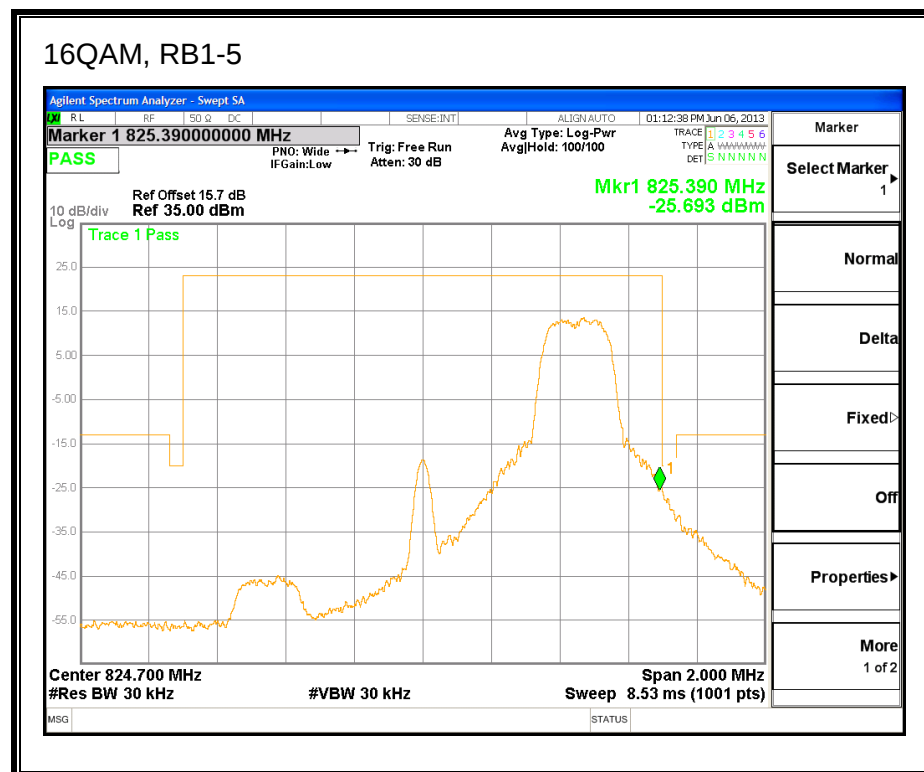
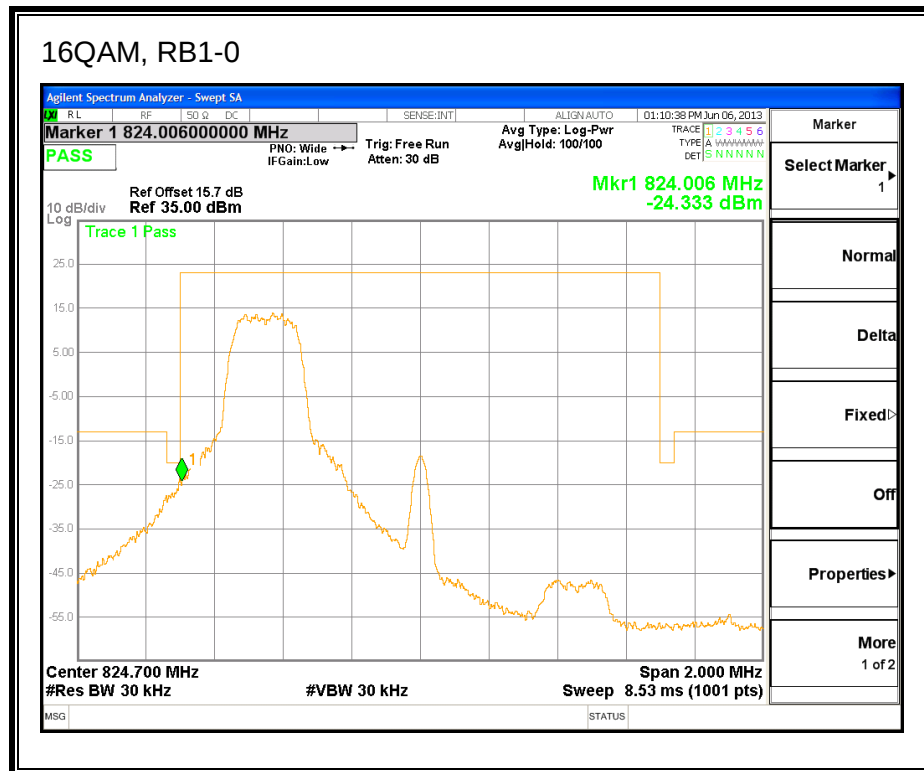


QPSK, RB3-2

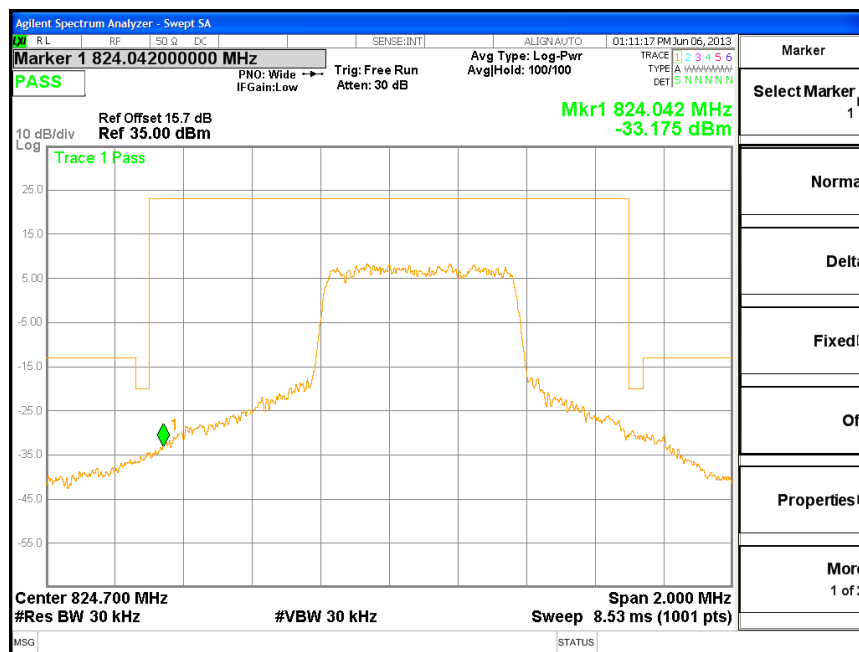


QPSK, RB6-0

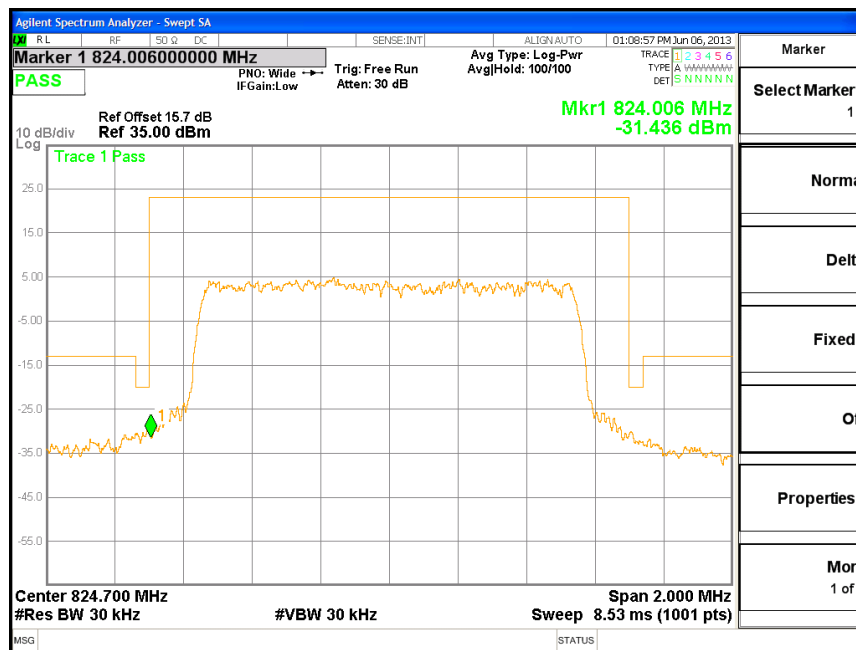




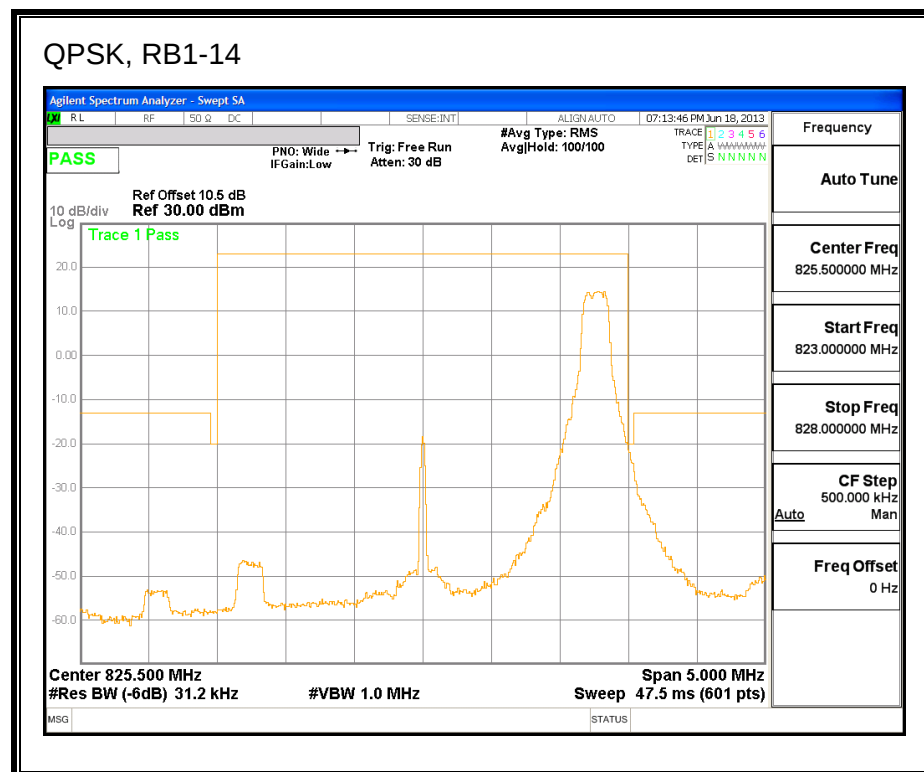
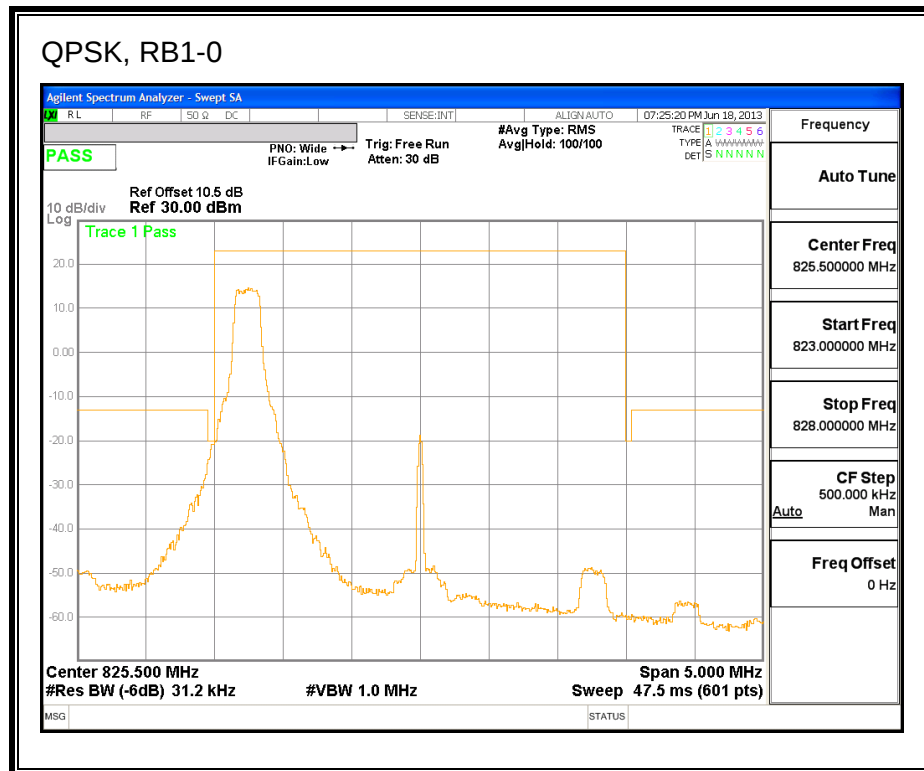
16QAM, RB3-2



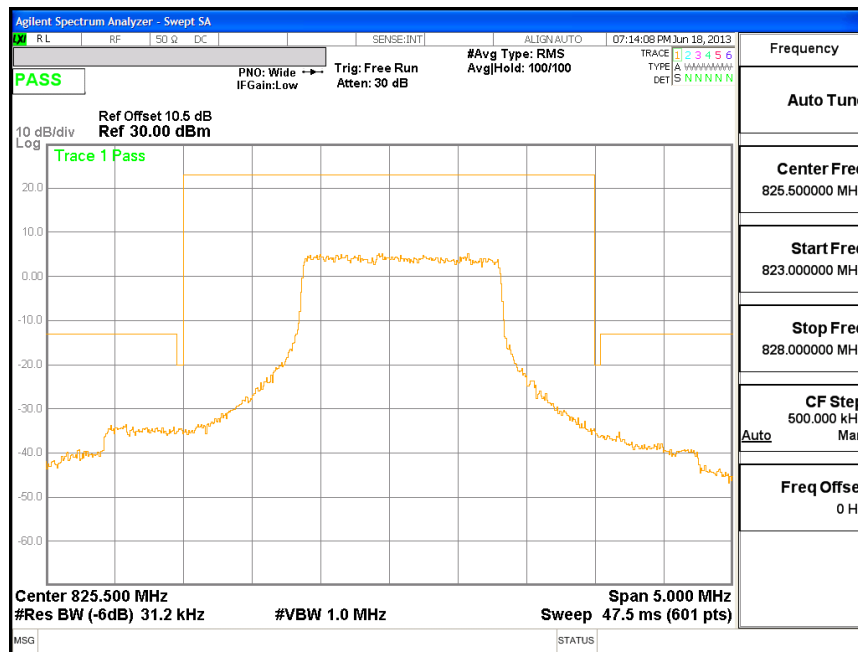
16QAM, RB6-0



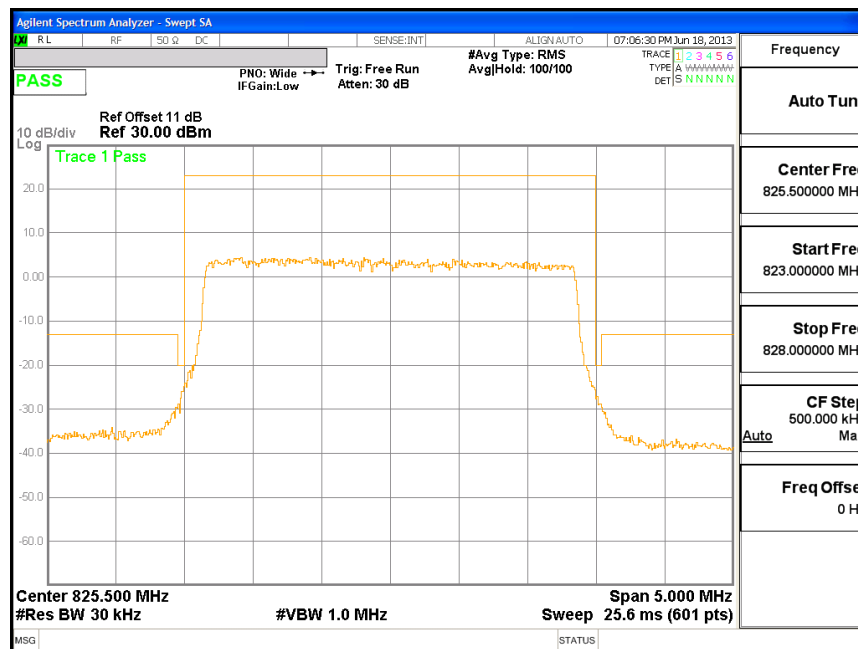
QPSK (3.0 MHz BANDWIDTH)

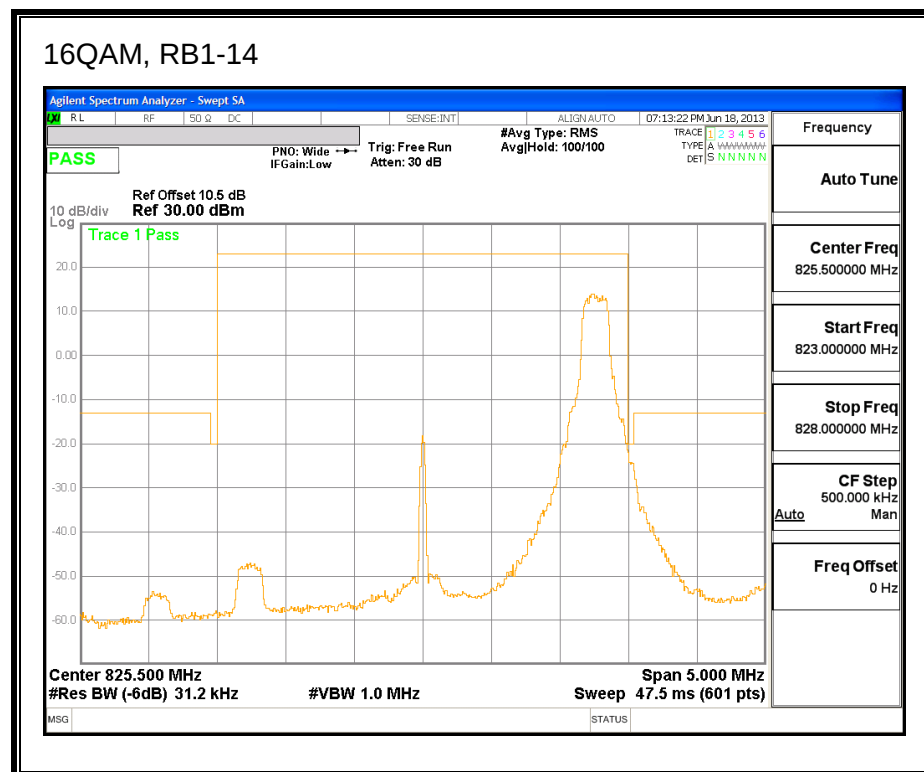
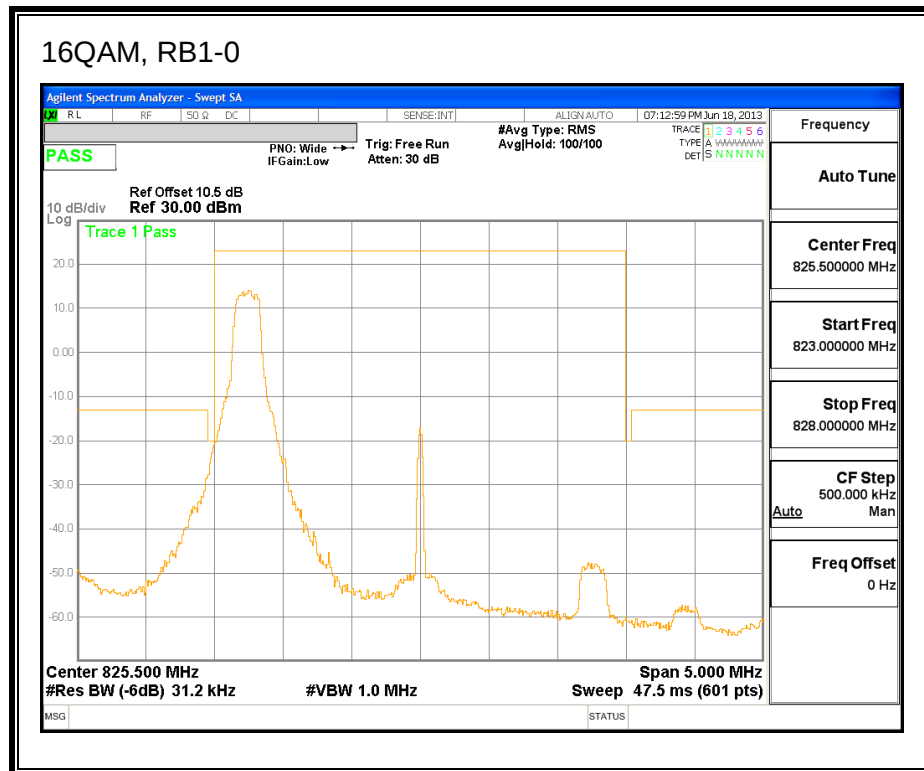


QPSK, RB8-4

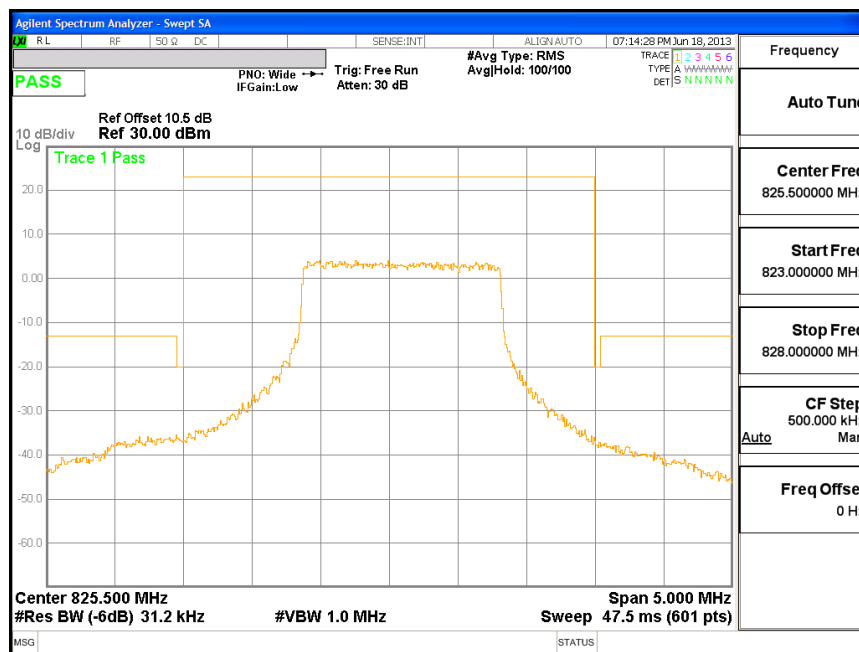


QPSK, RB15-0

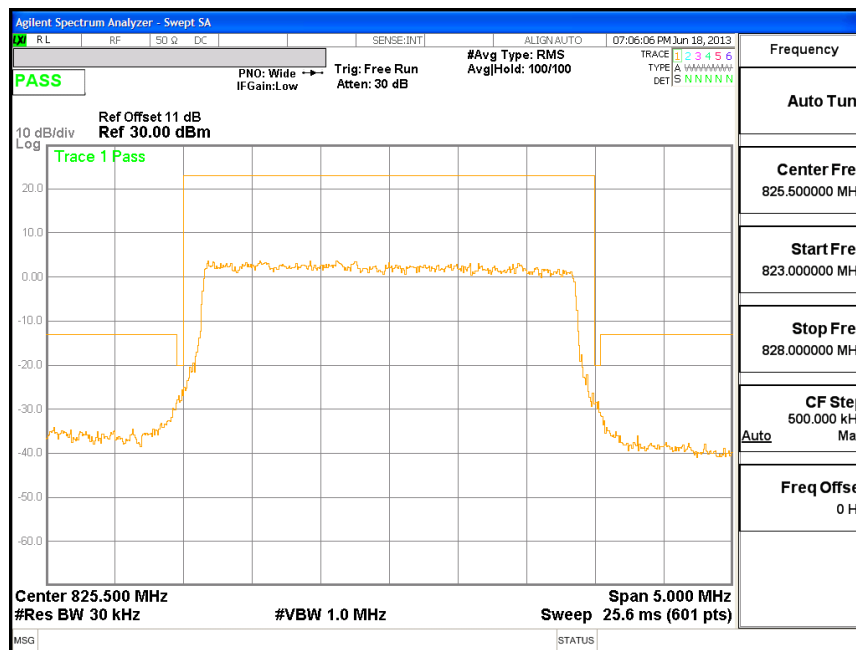




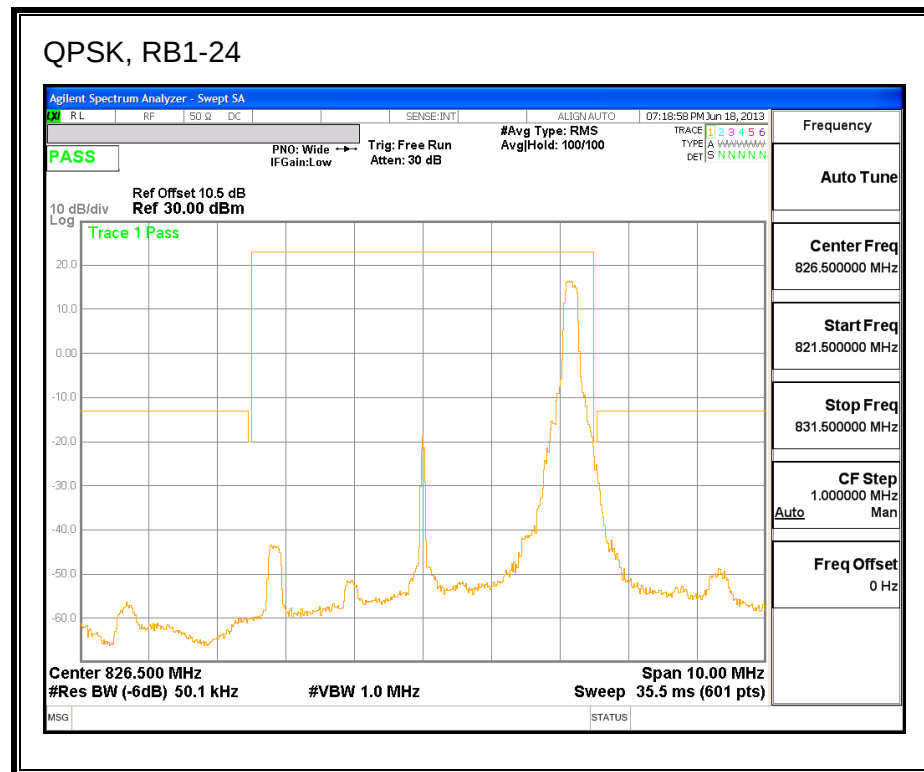
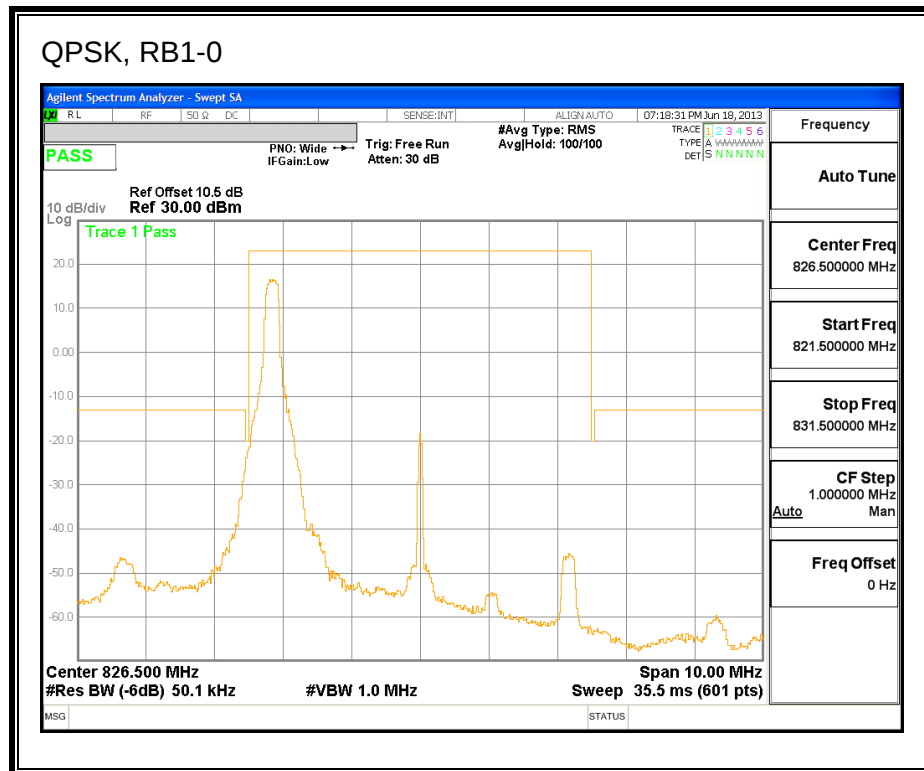
16QAM, RB8-4



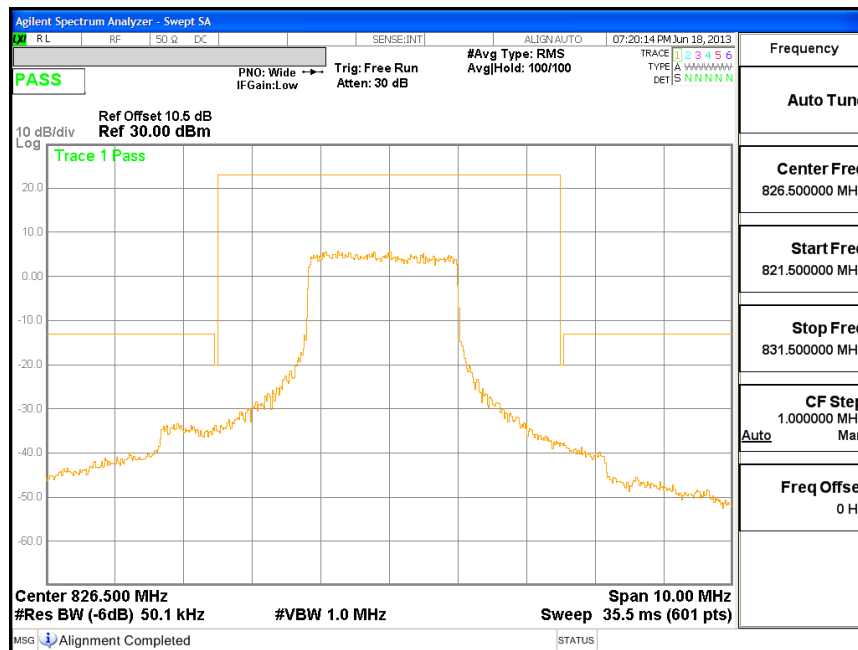
16QAM, RB15-0



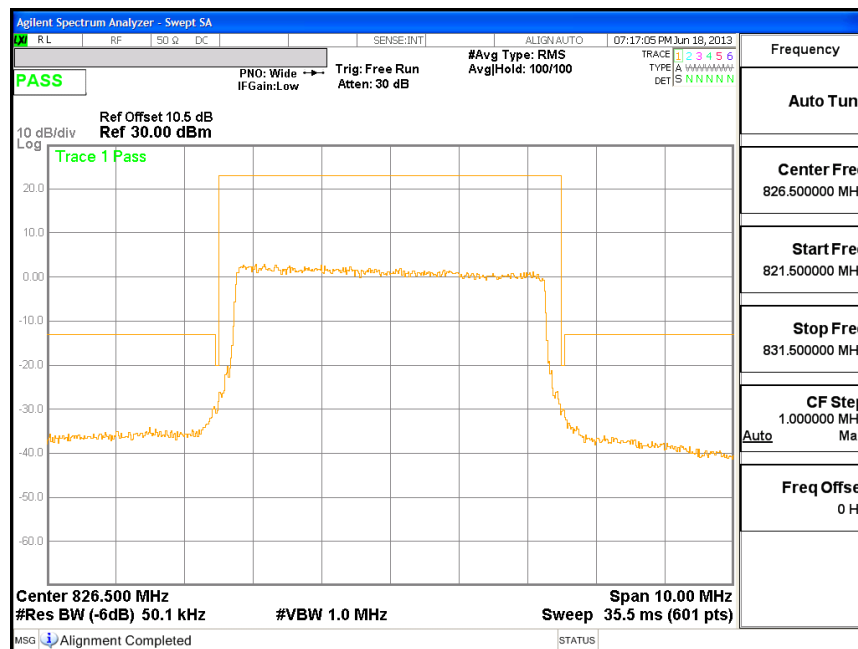
QPSK (5.0 MHz BANDWIDTH)

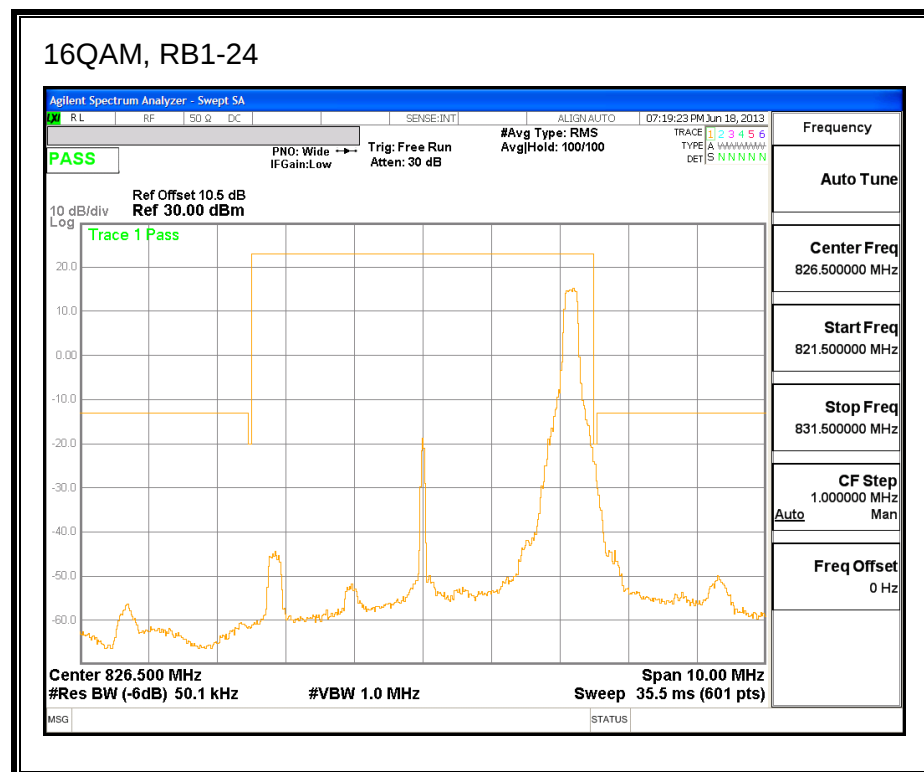
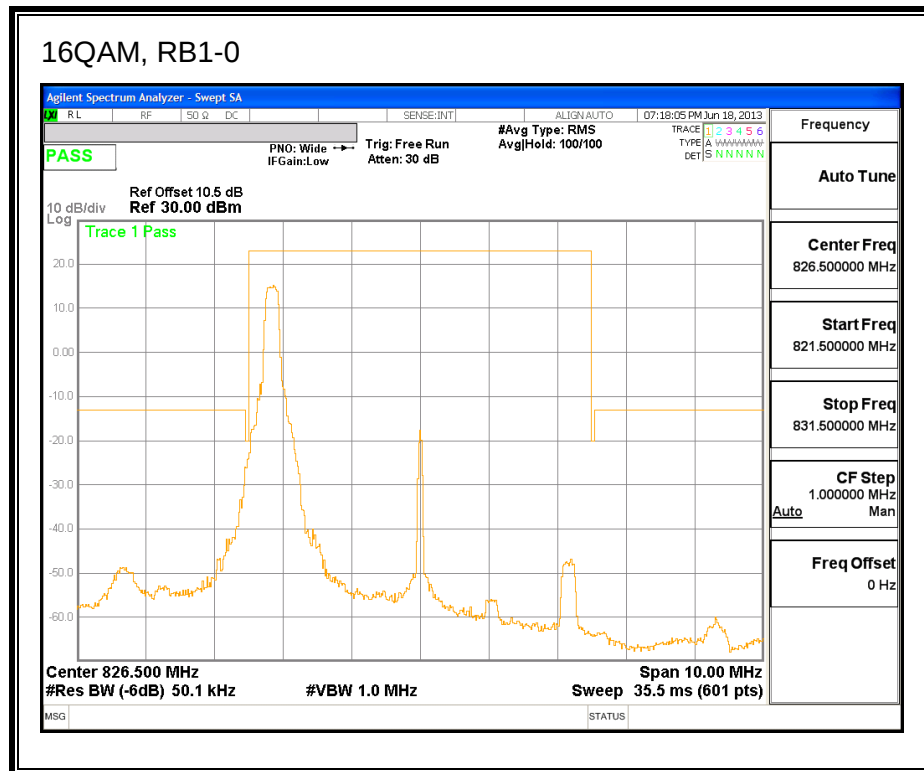


QPSK, RB12-6



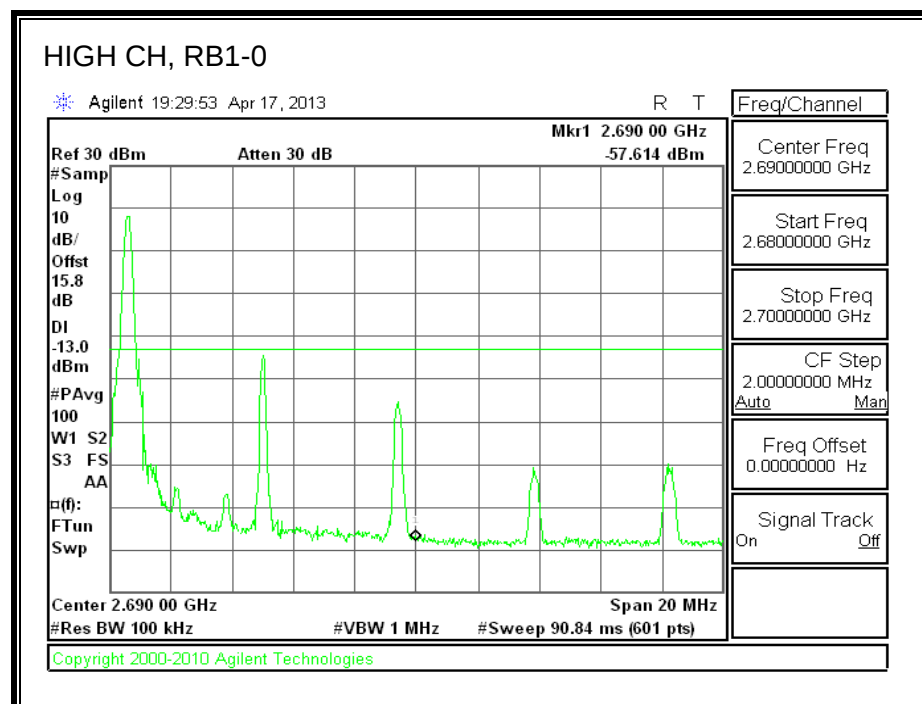
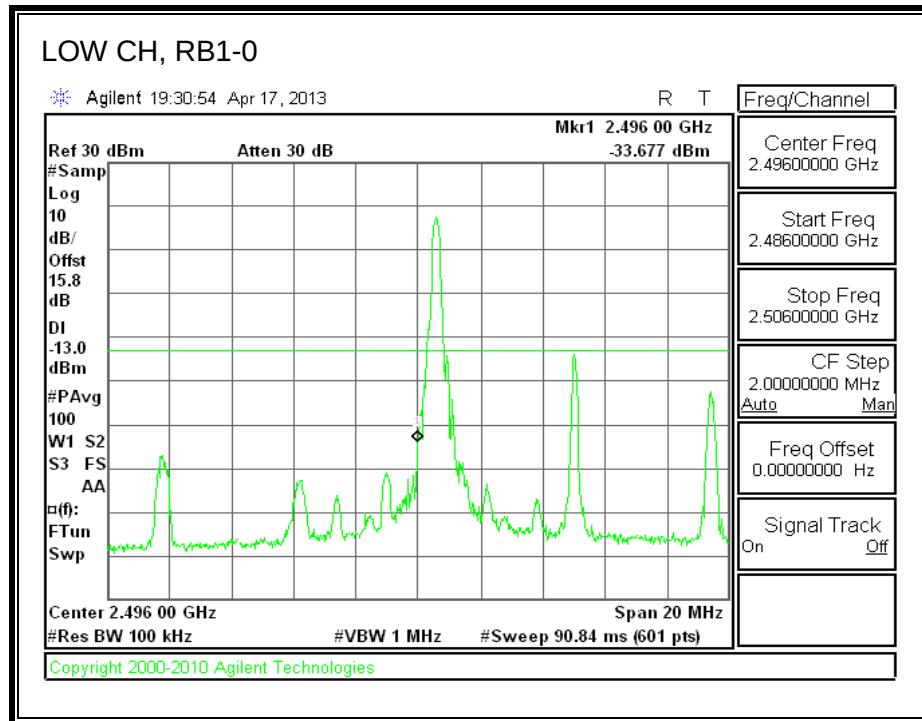
QPSK, RB25-0

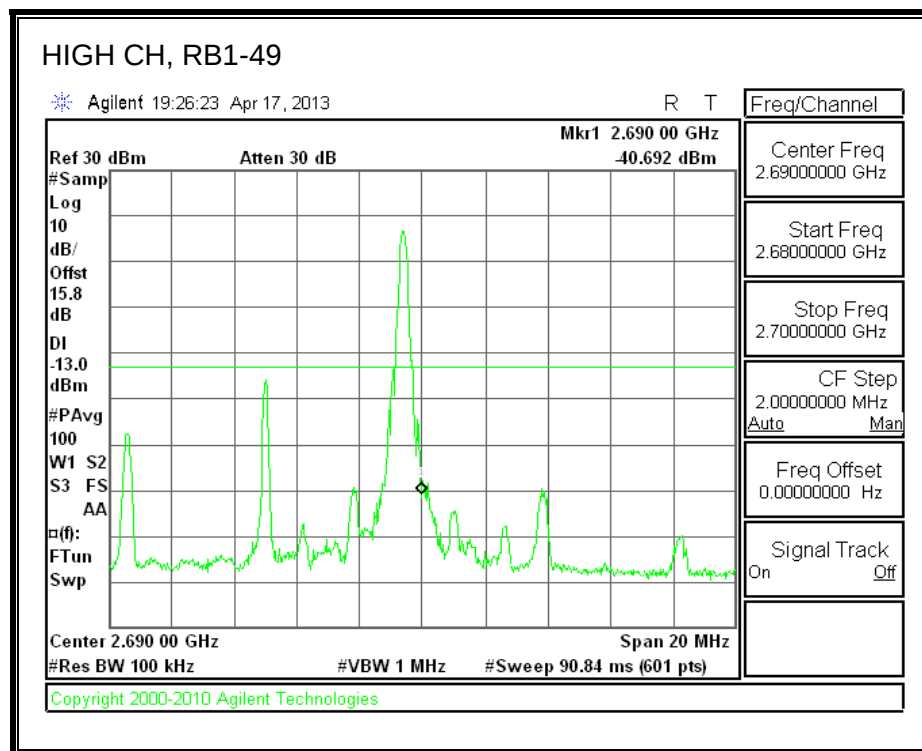
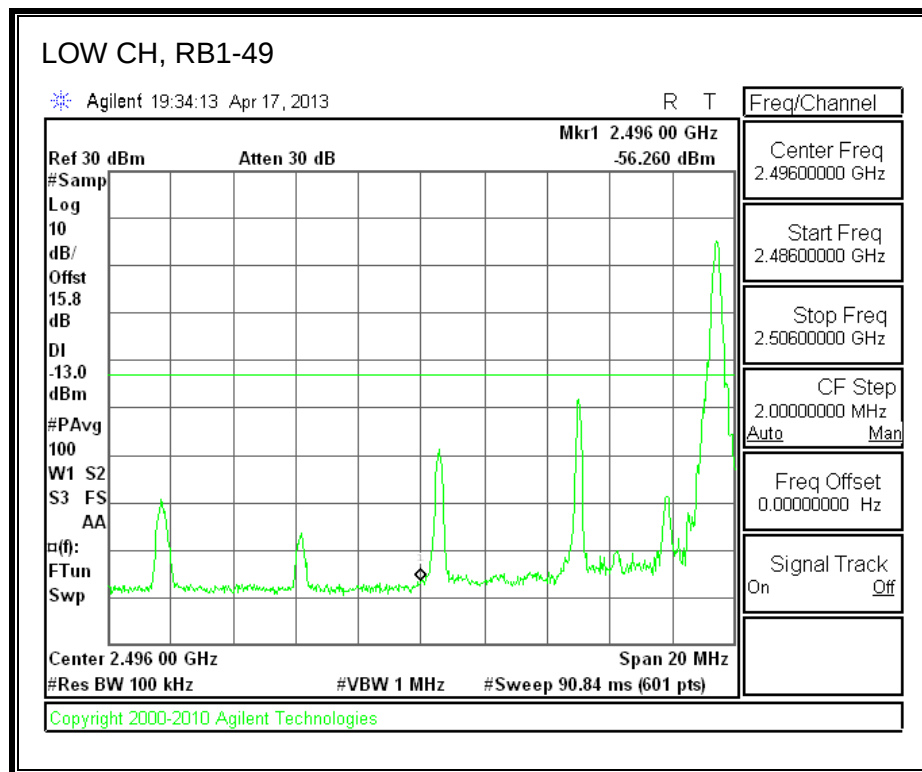


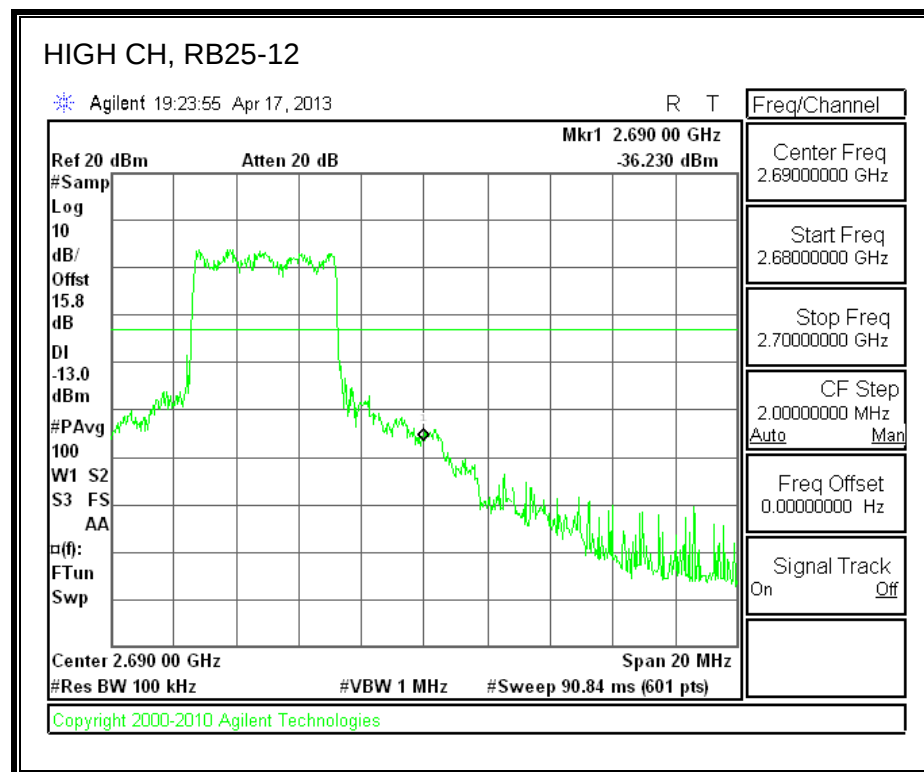
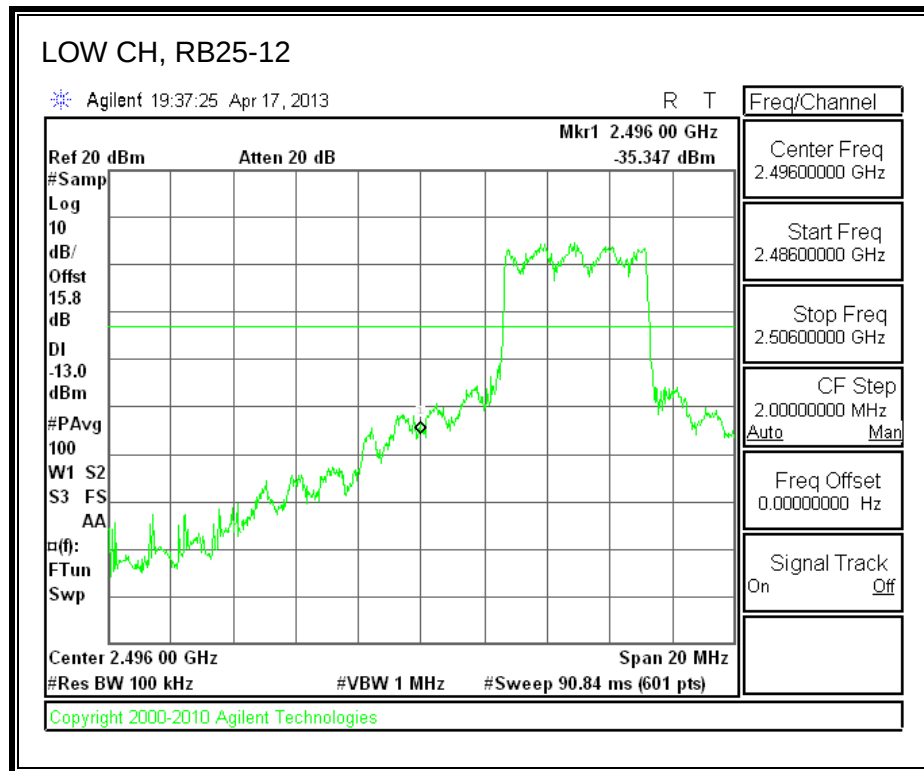


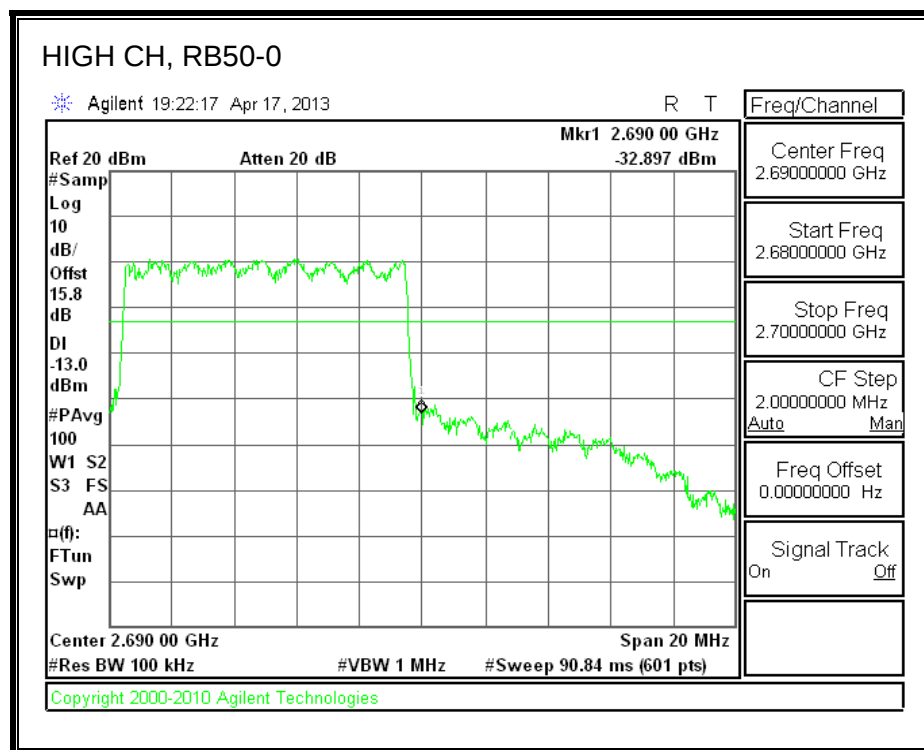
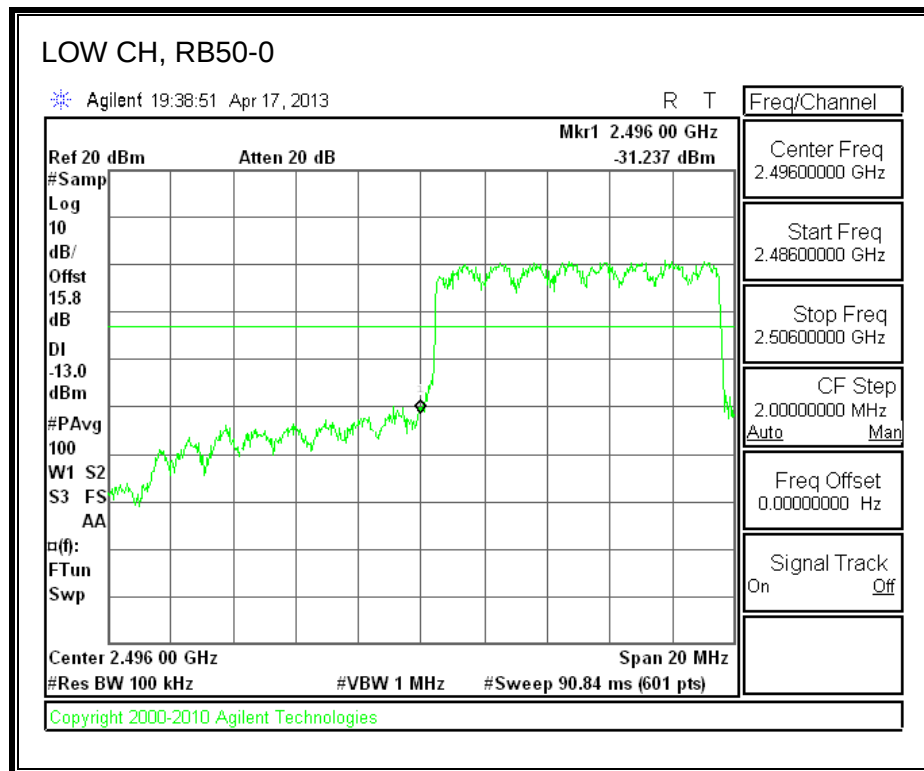
8.2.8. LTE BAND 41

LTE QPSK Band 41 (10 MHz BANDWIDTH)

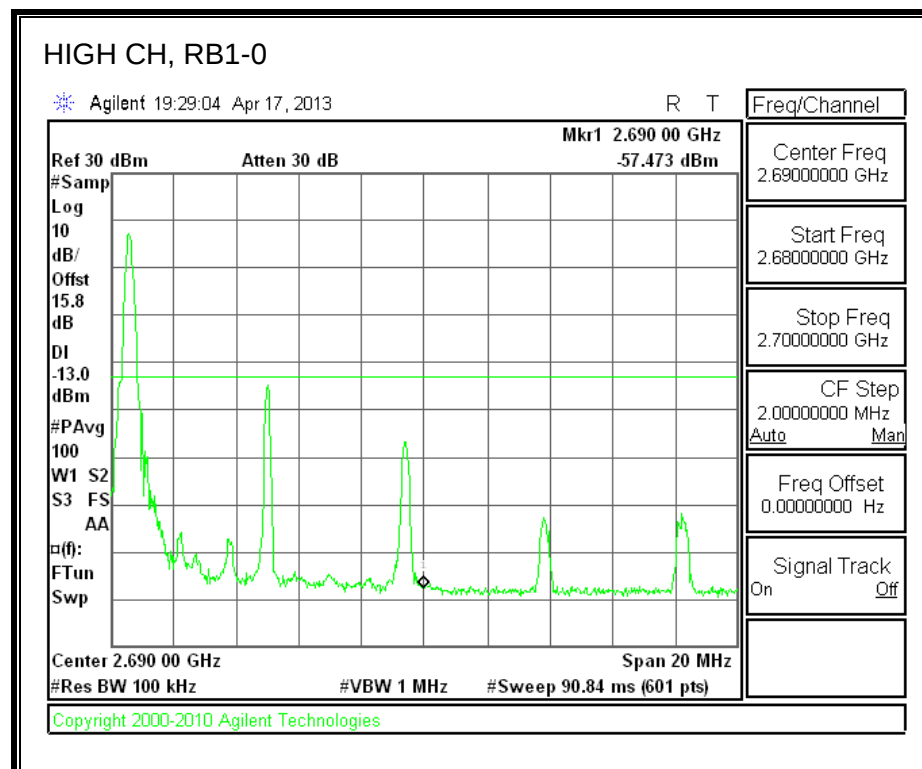
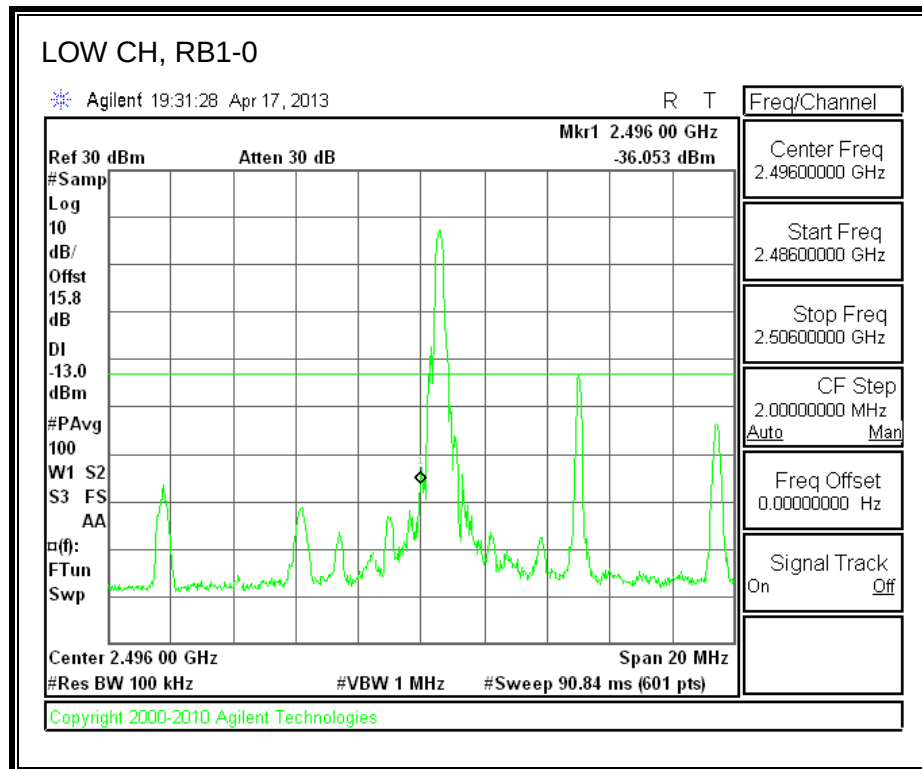


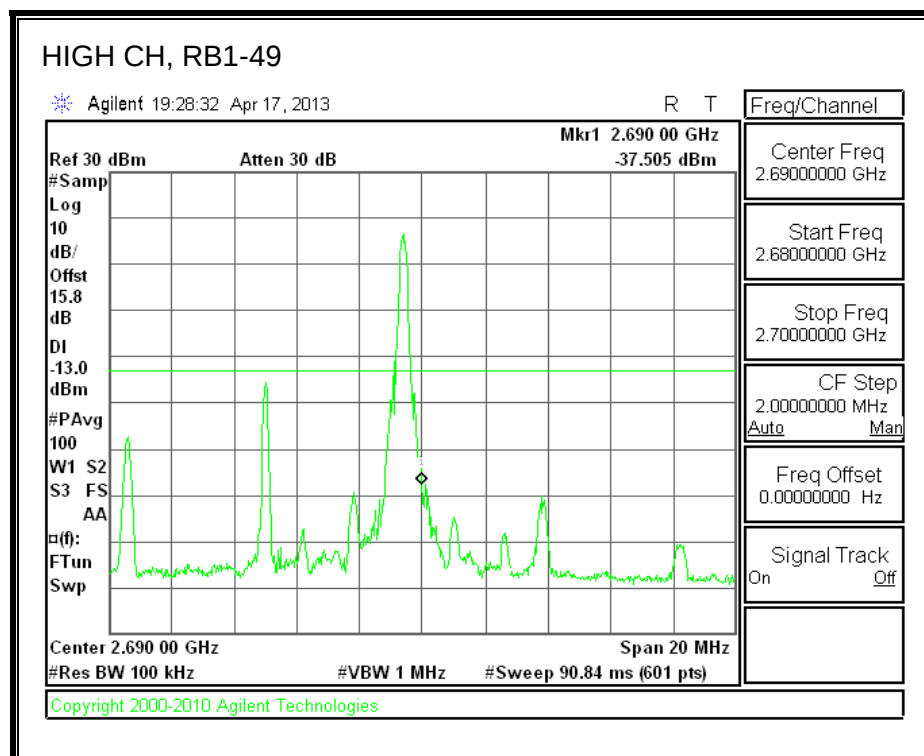
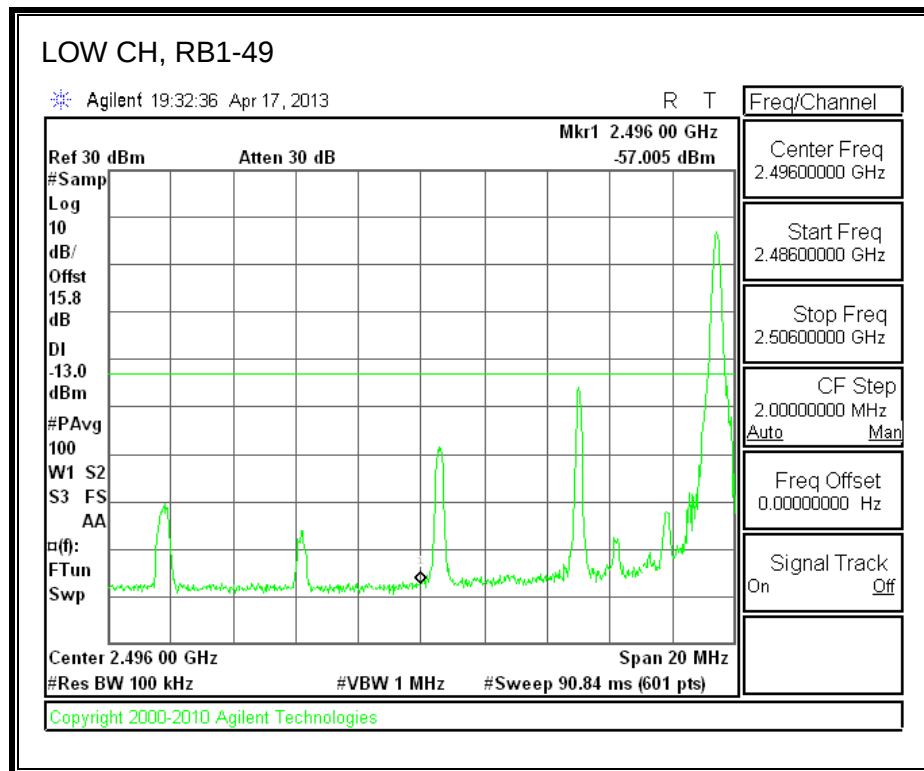


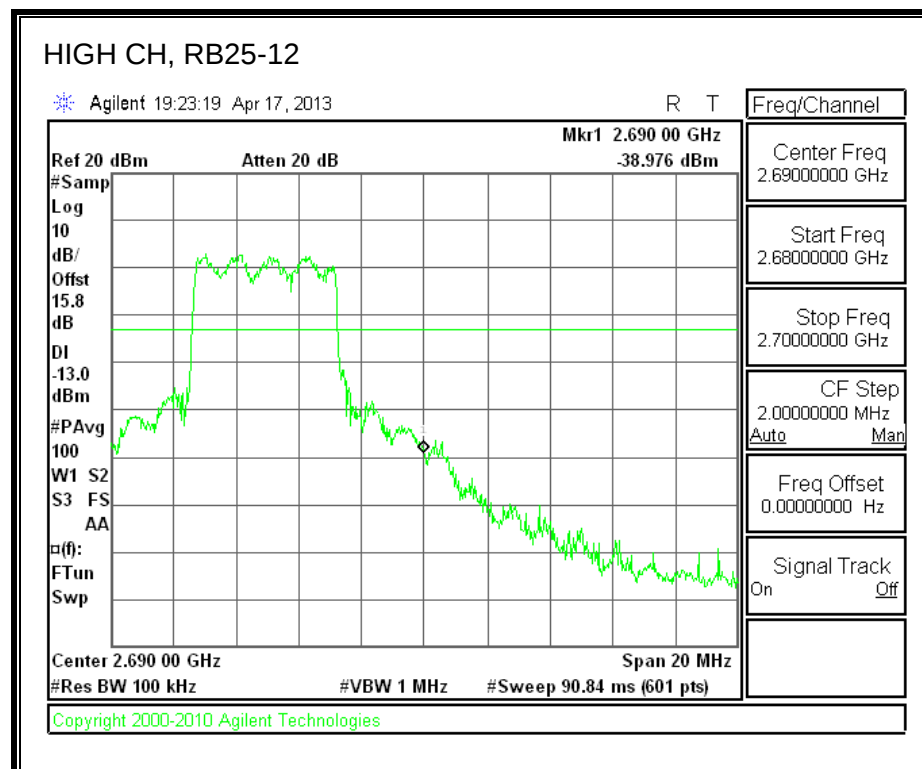
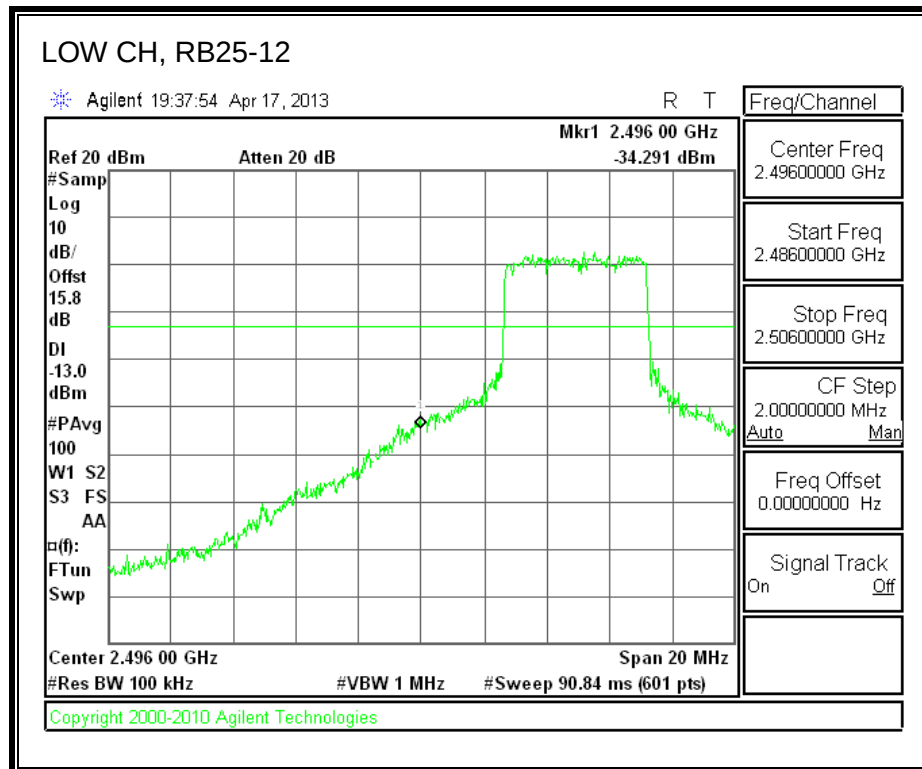


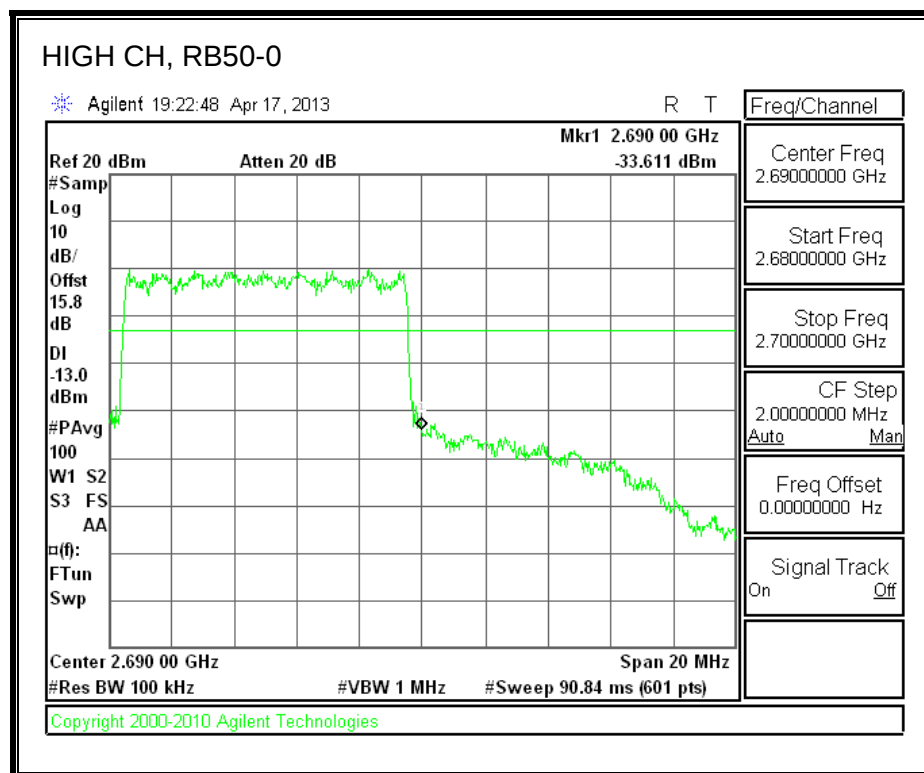
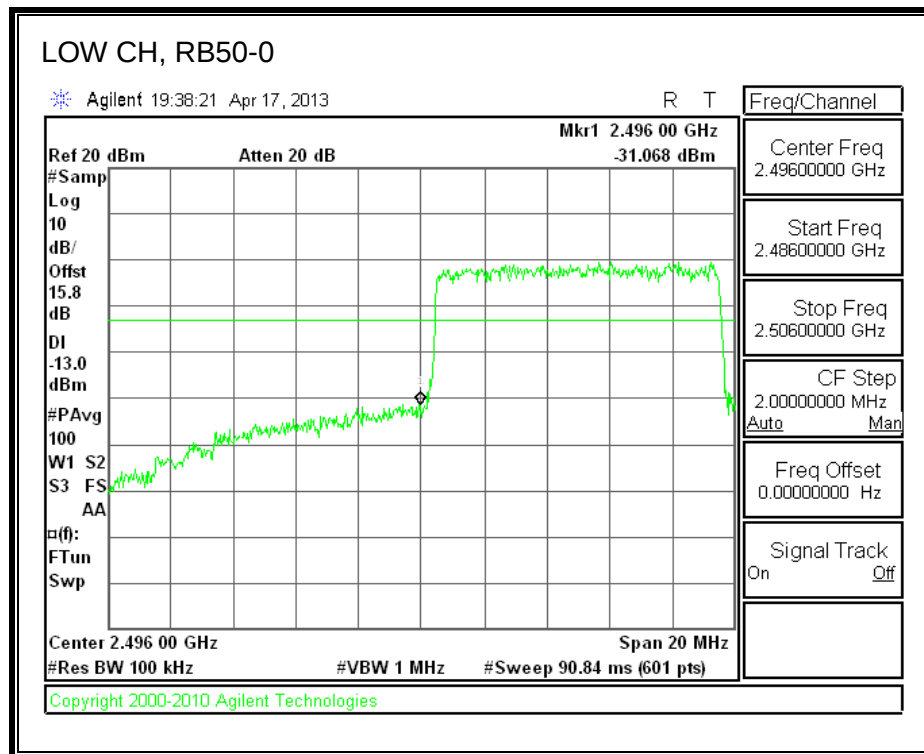


LTE 16QAM Band 41 (10 MHz BANDWIDTH)

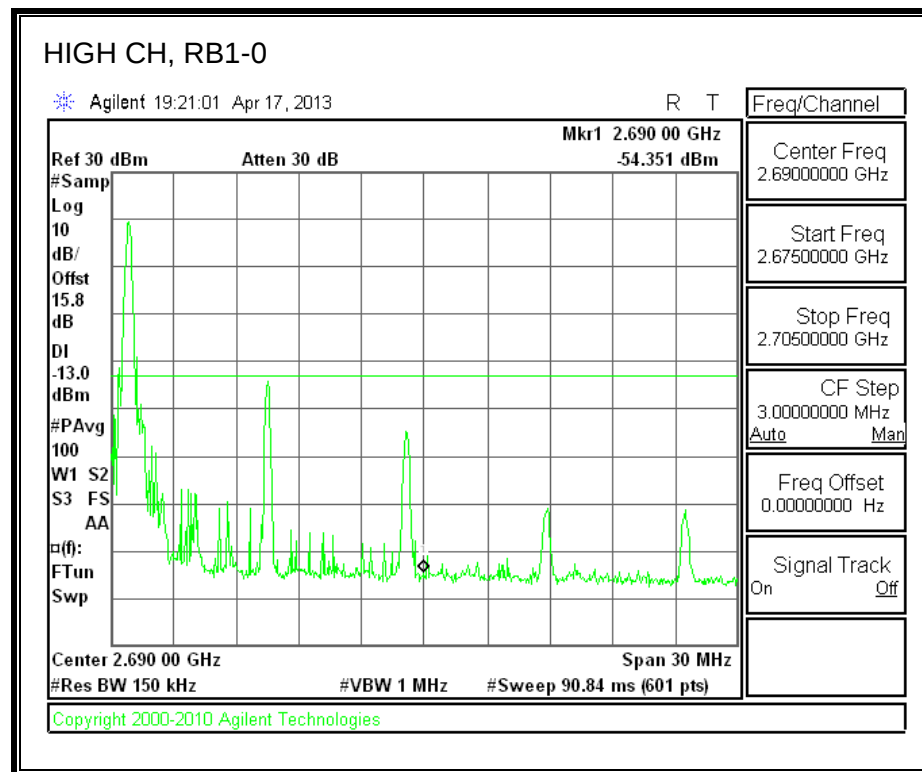
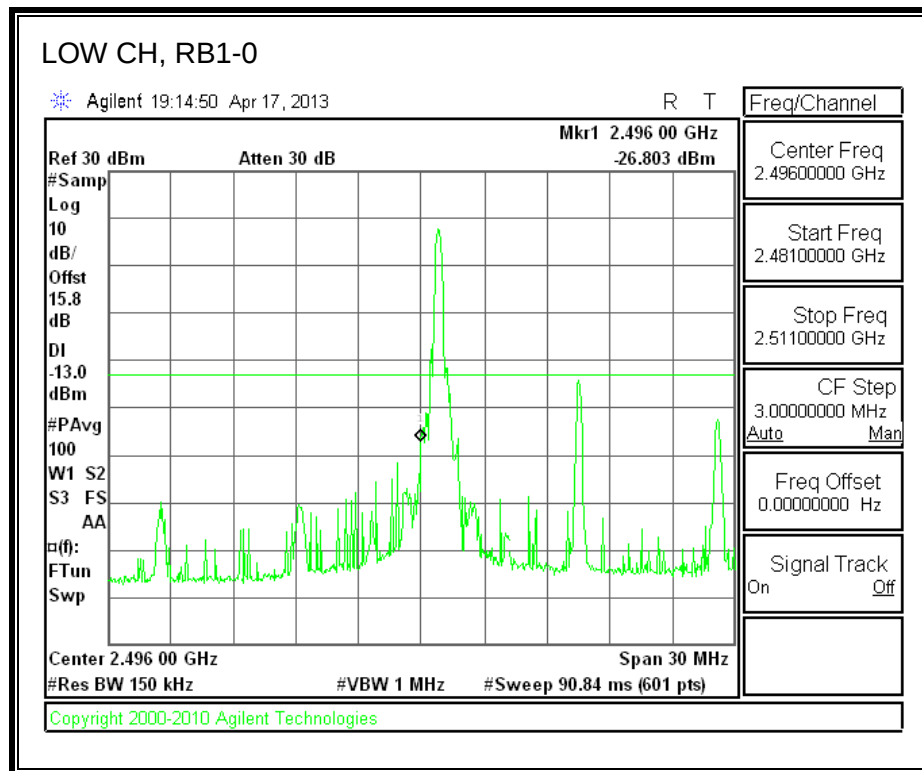


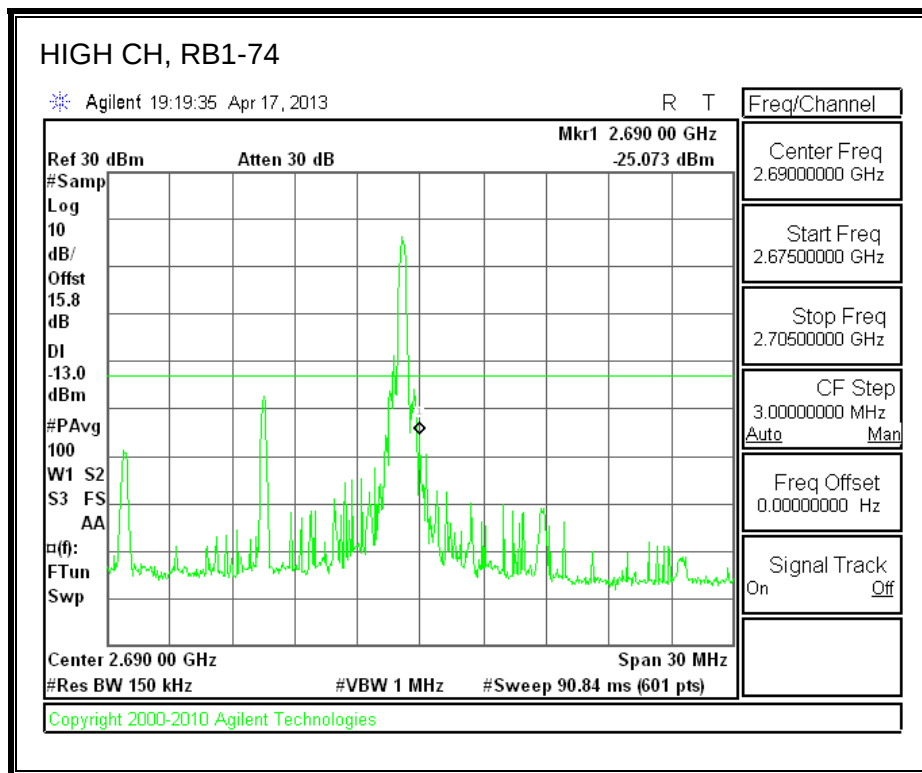
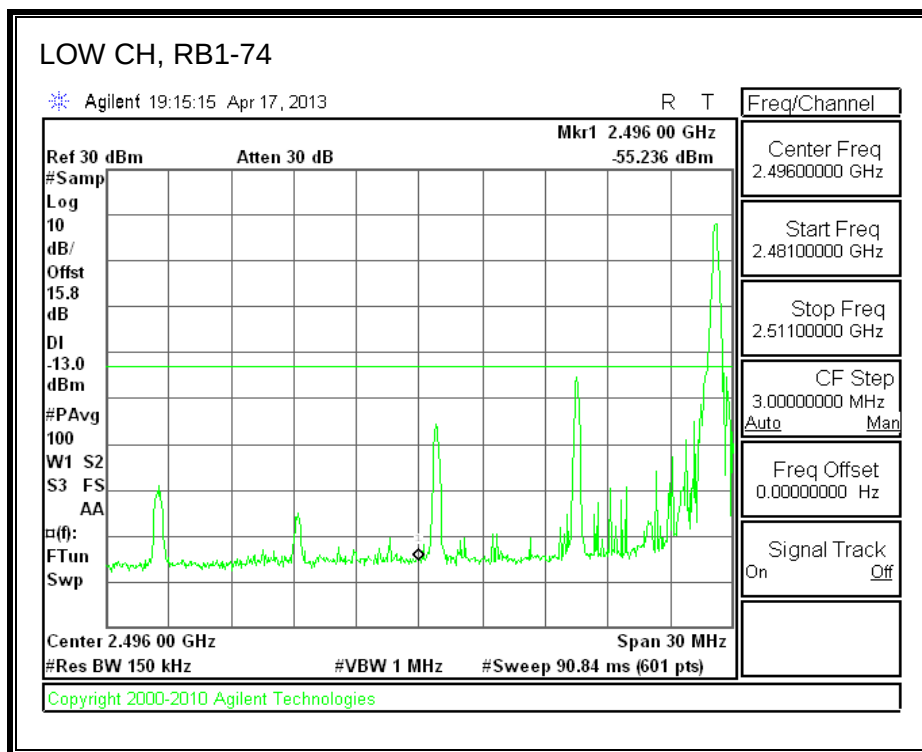


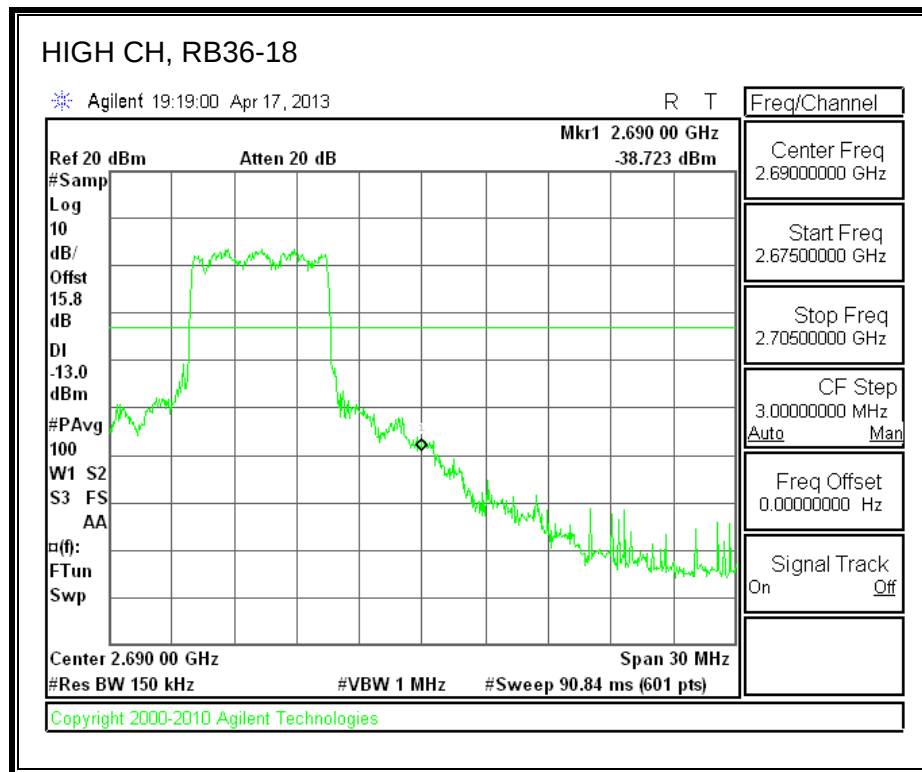
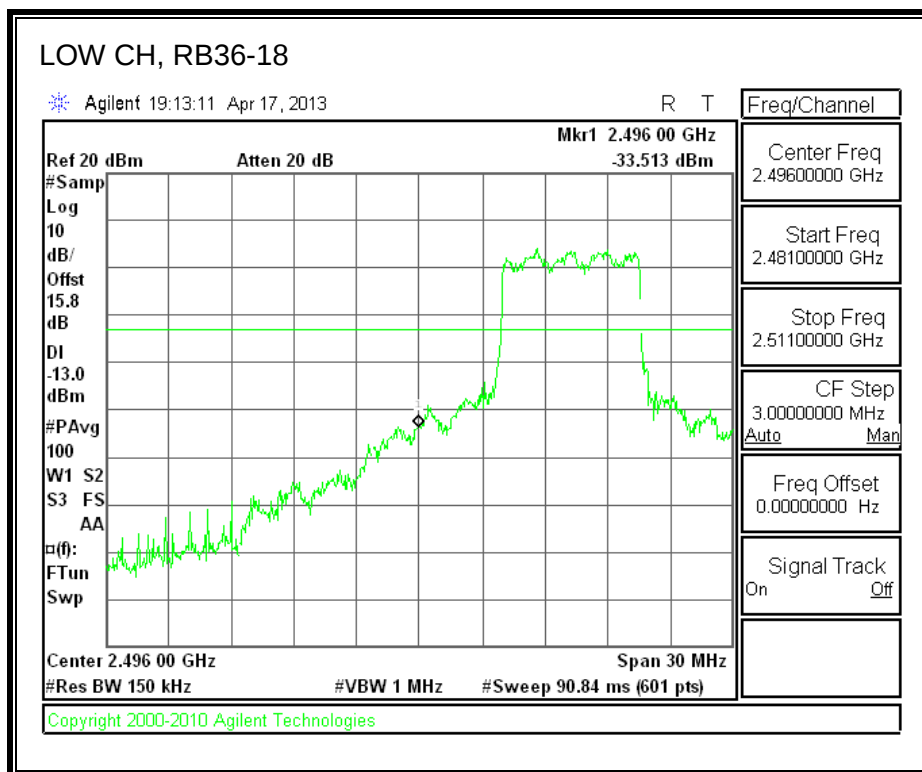


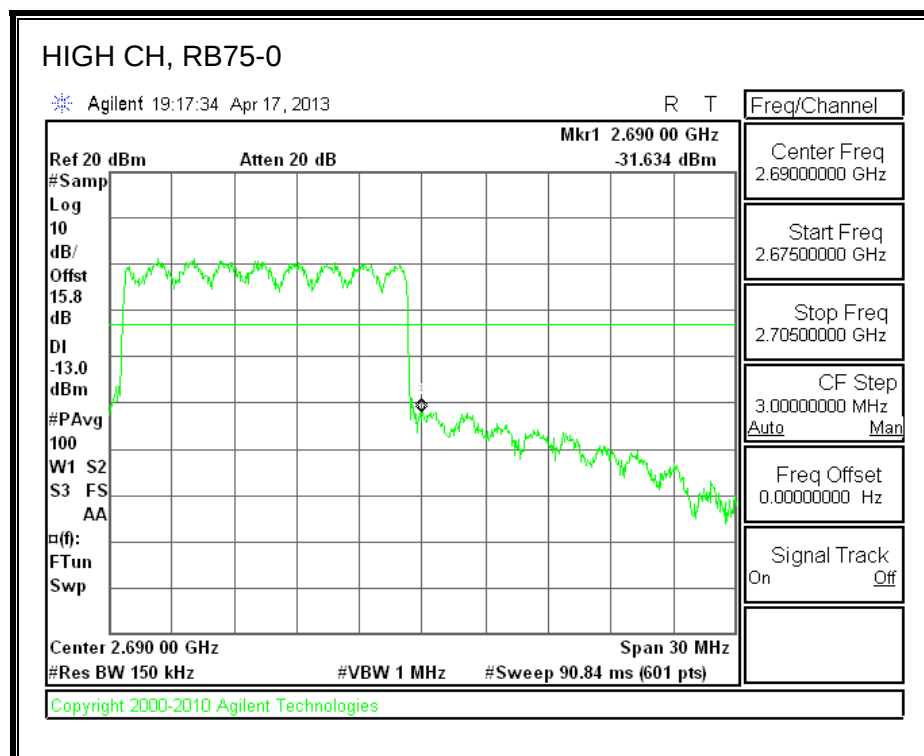
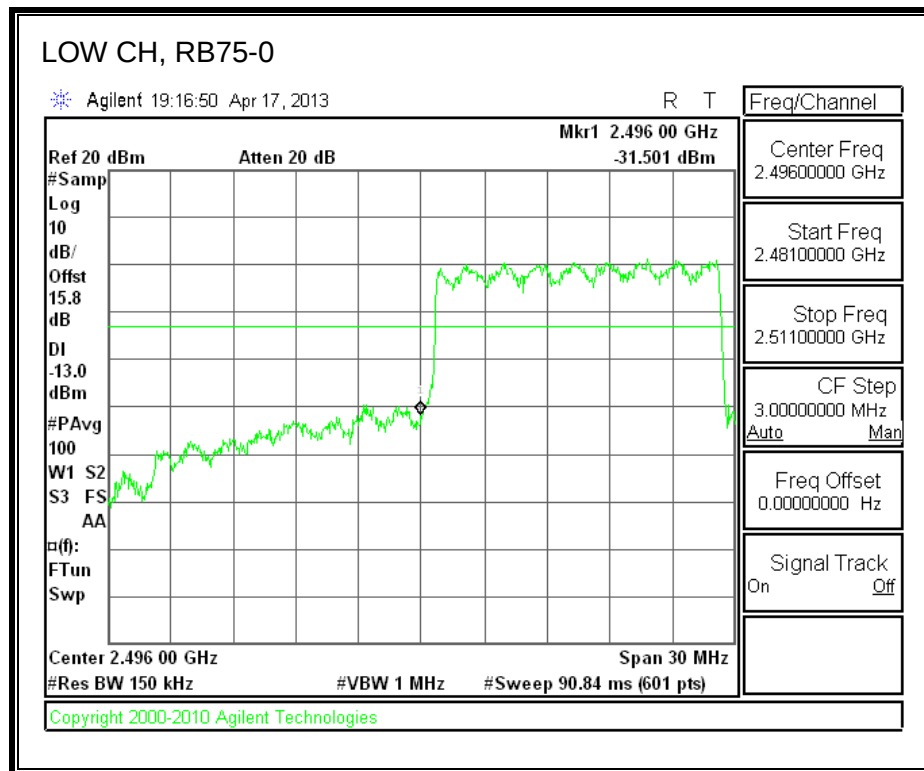


LTE QPSK Band 41 (15.0 MHz BANDWIDTH)

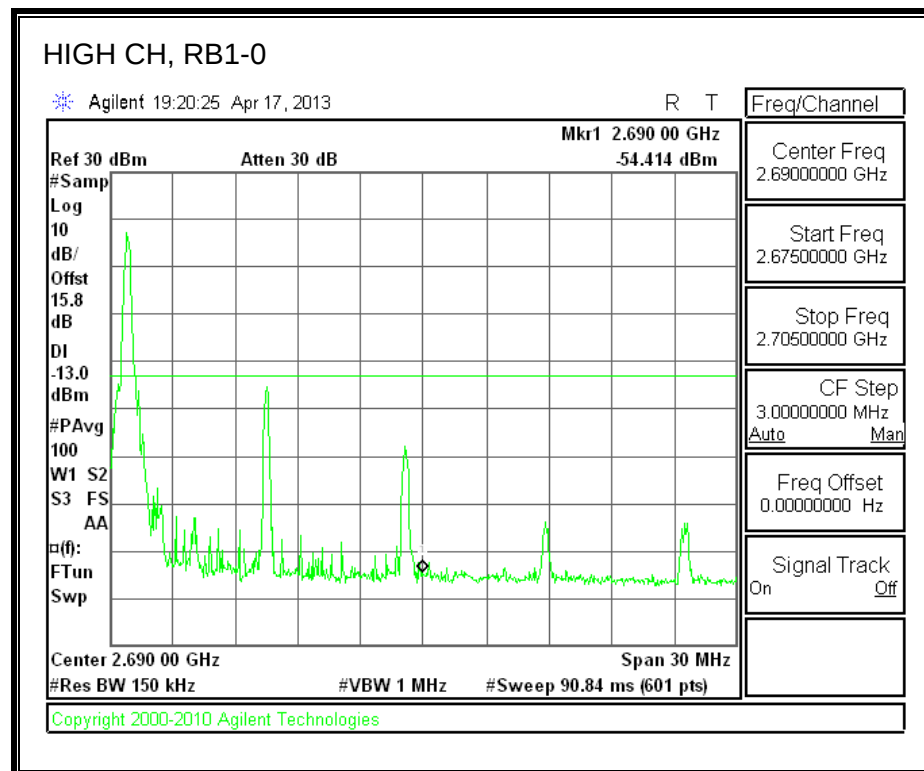
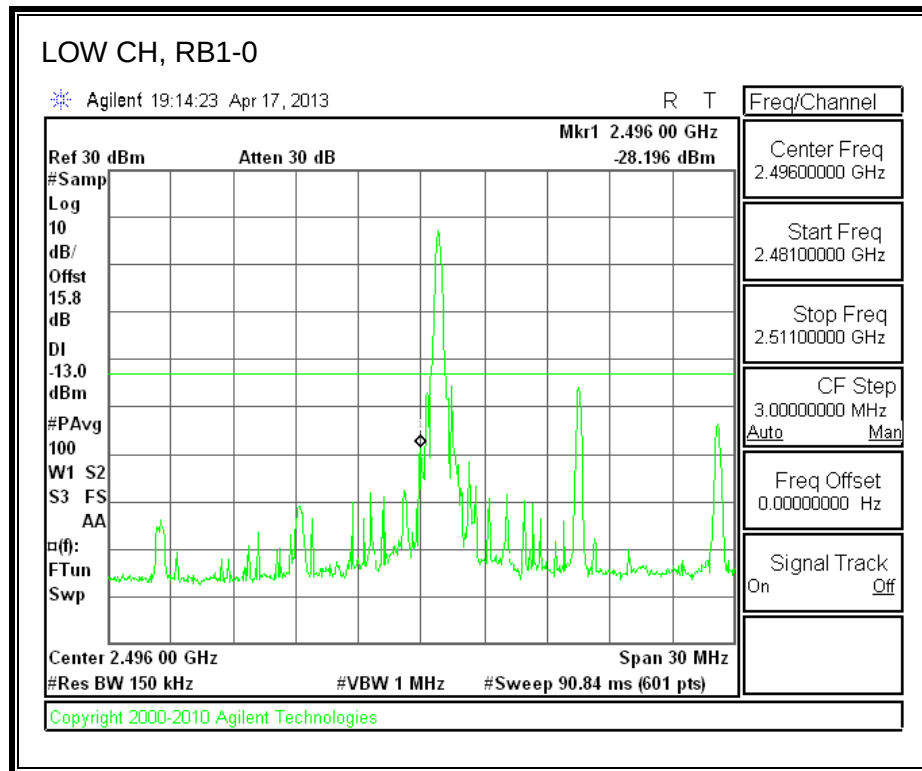


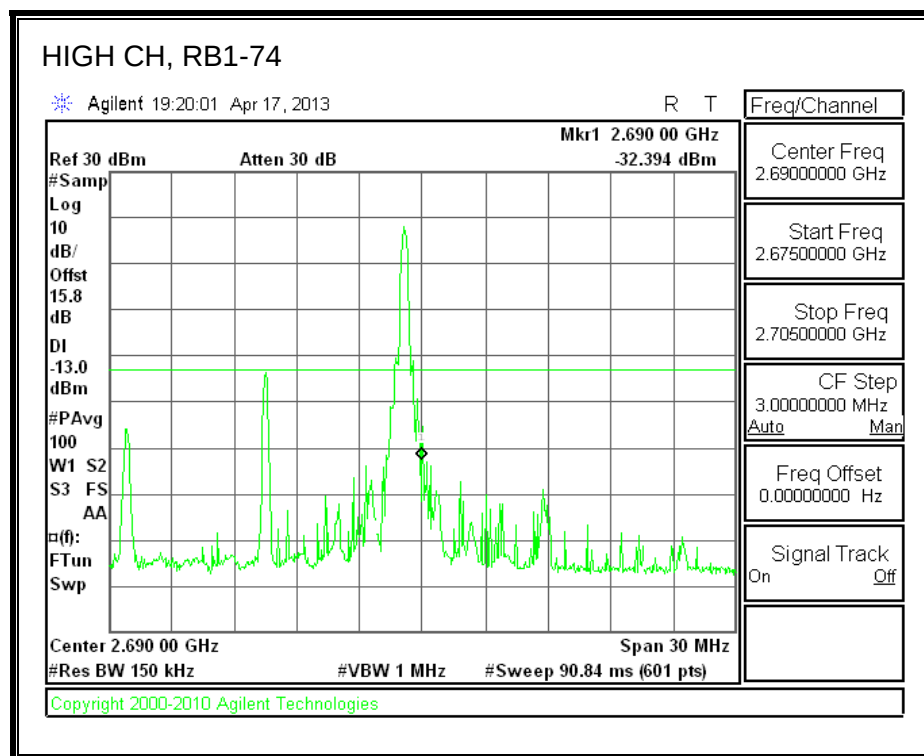
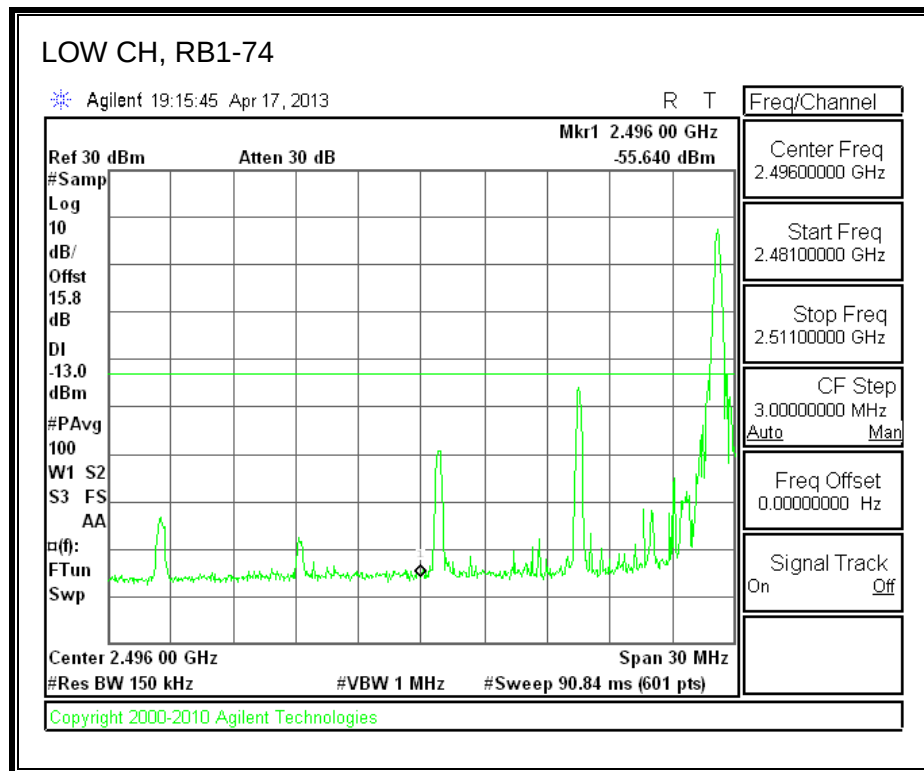


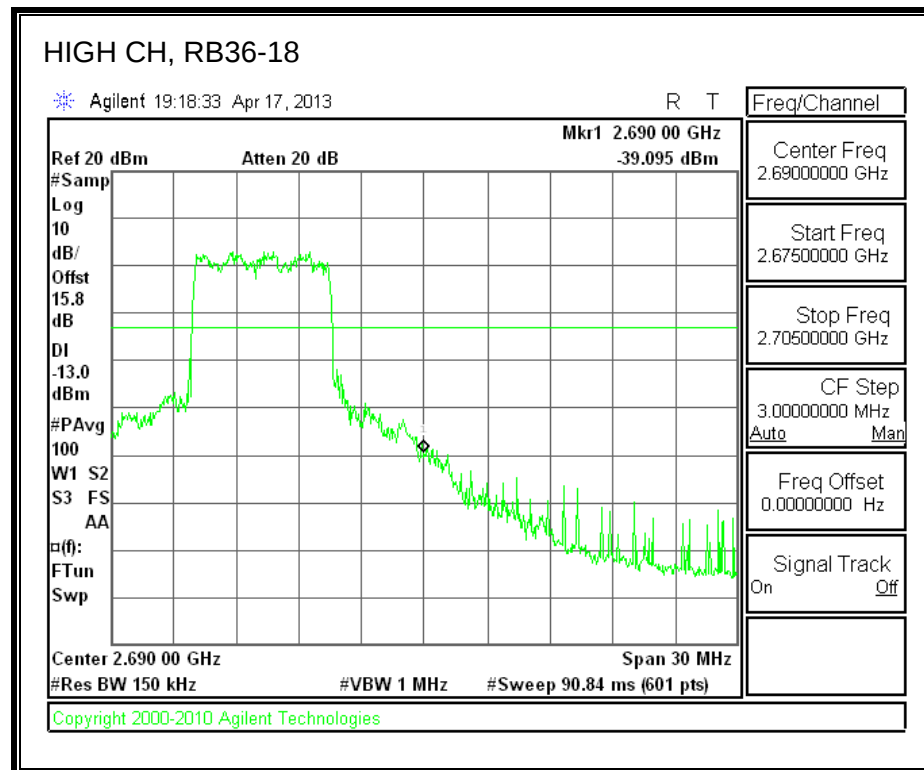
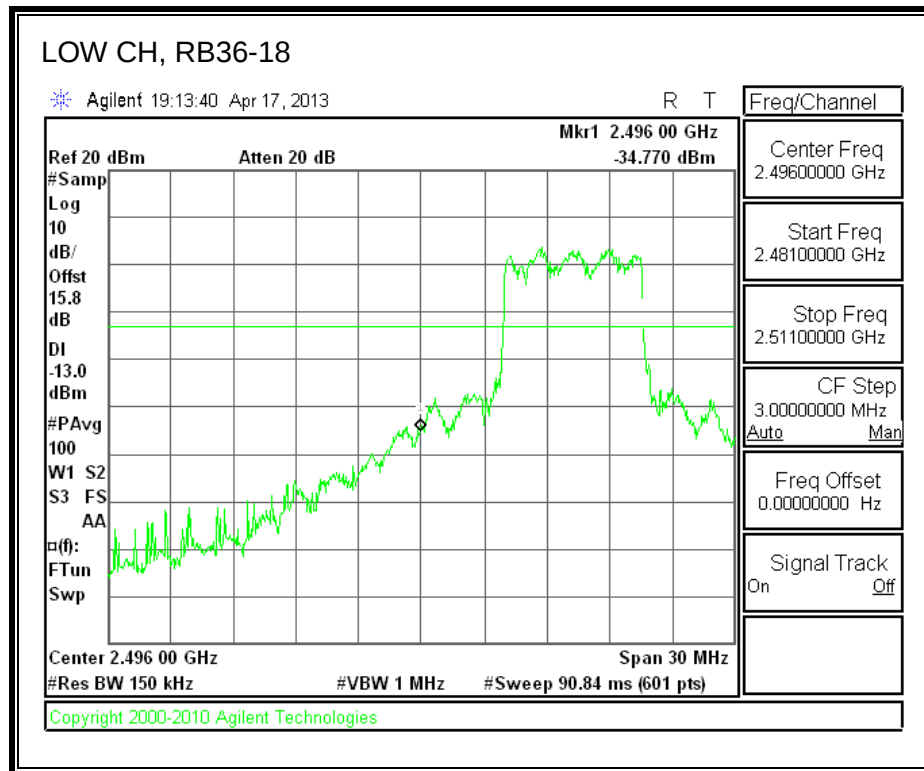


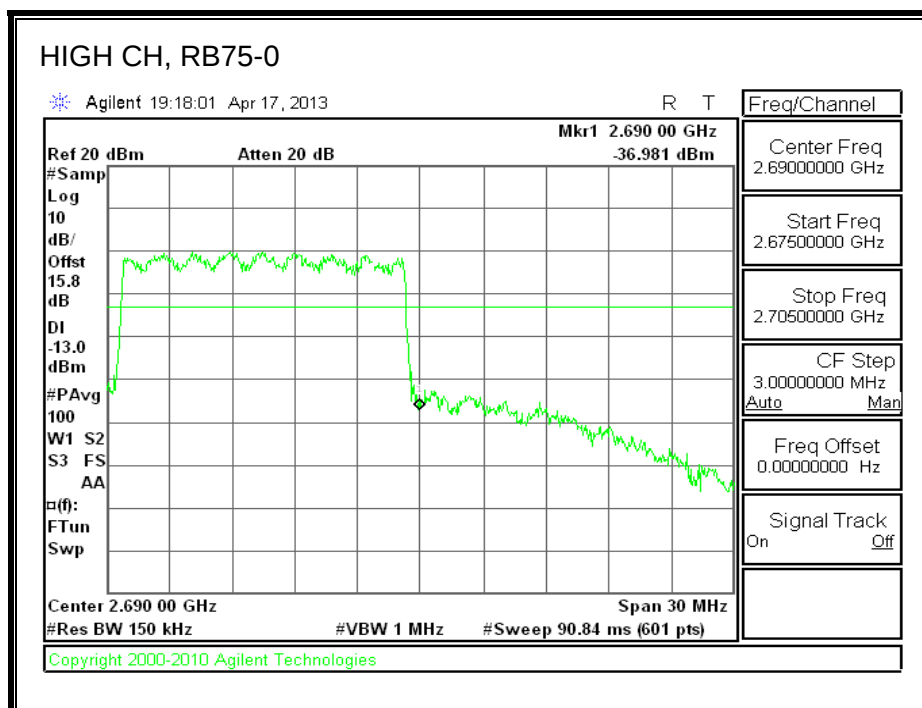
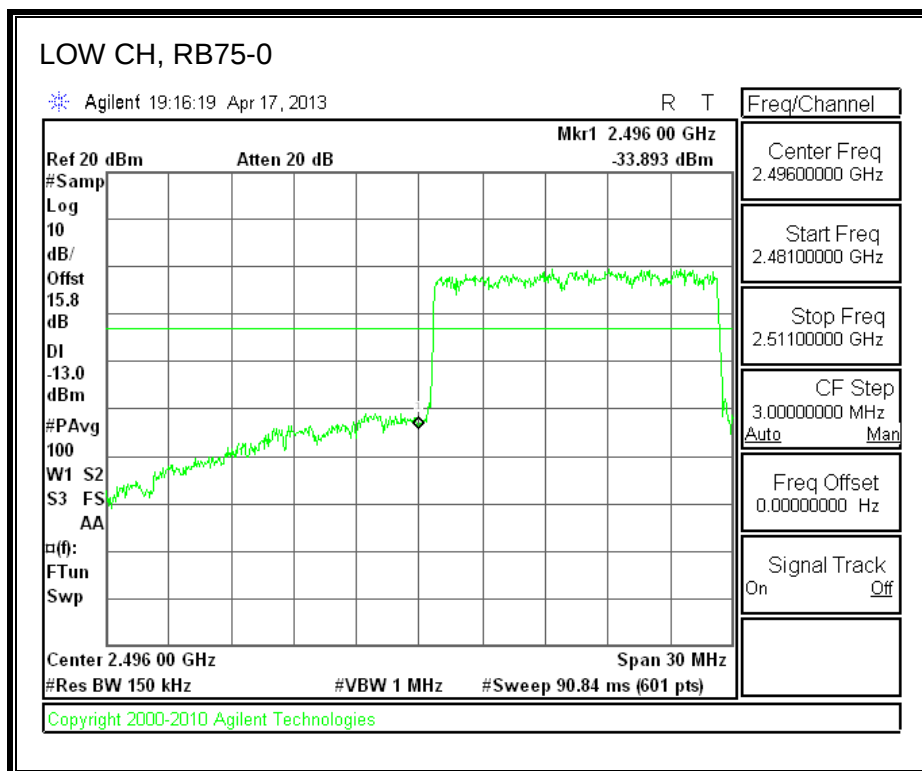


LTE 16QAM Band 41 (15 MHz BANDWIDTH)

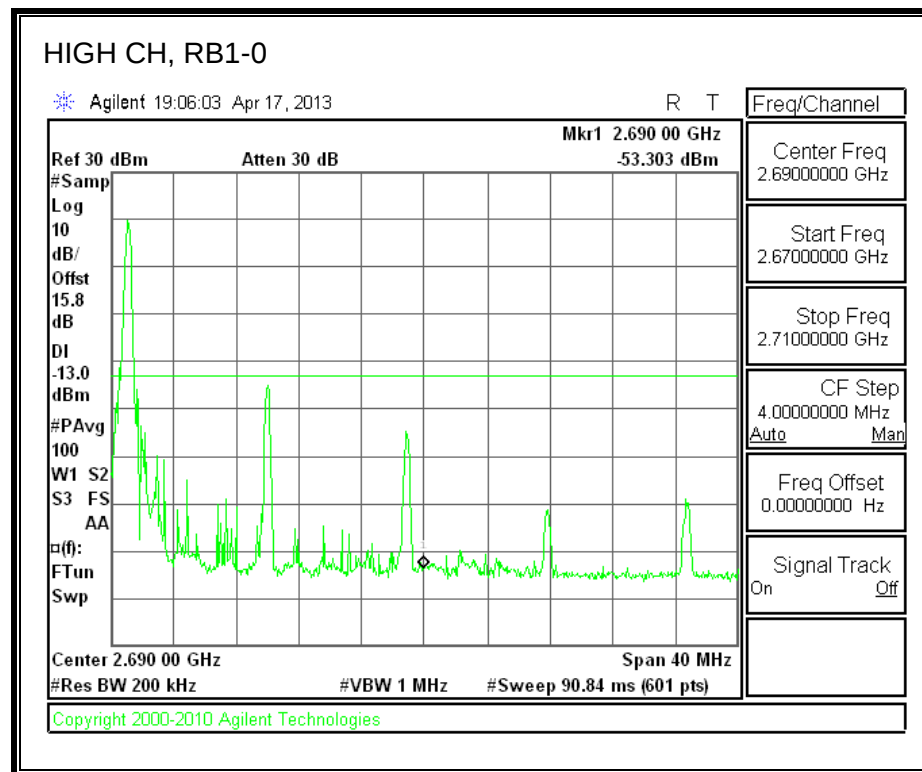
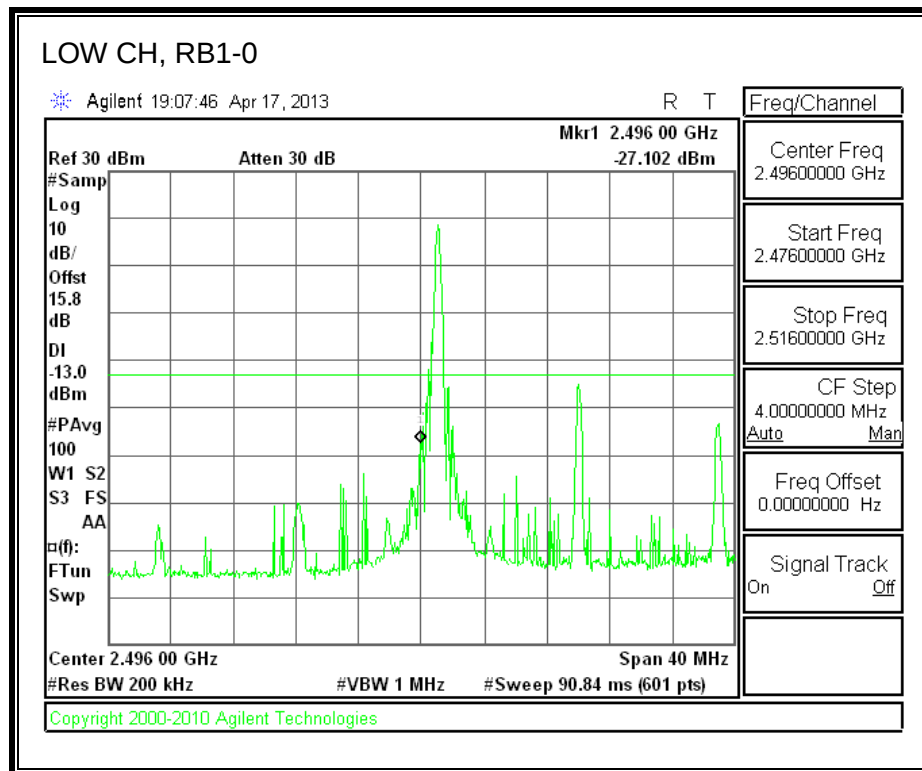


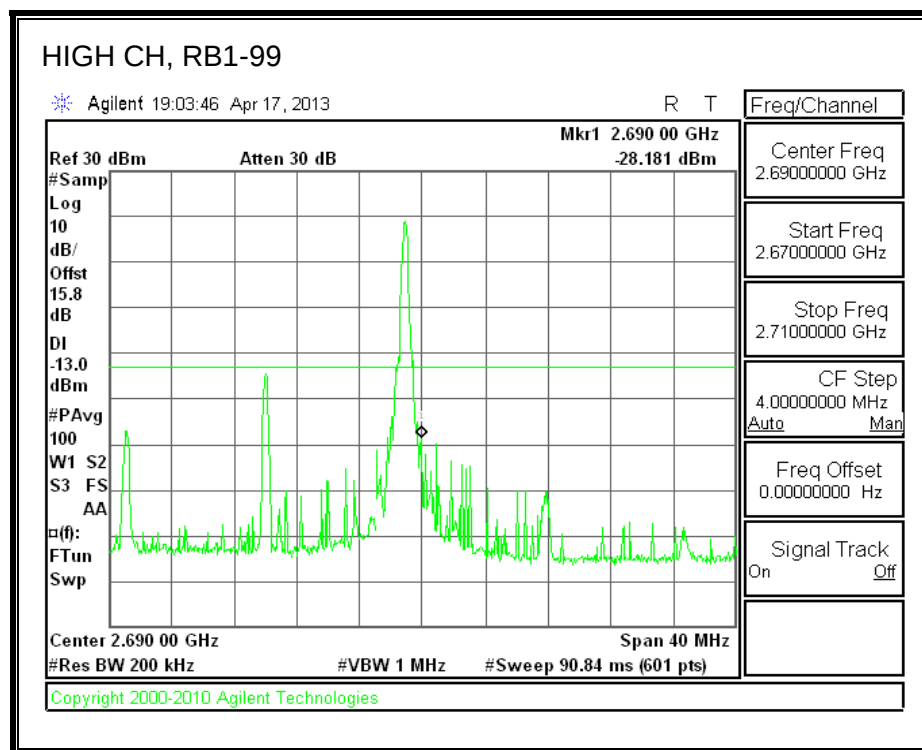
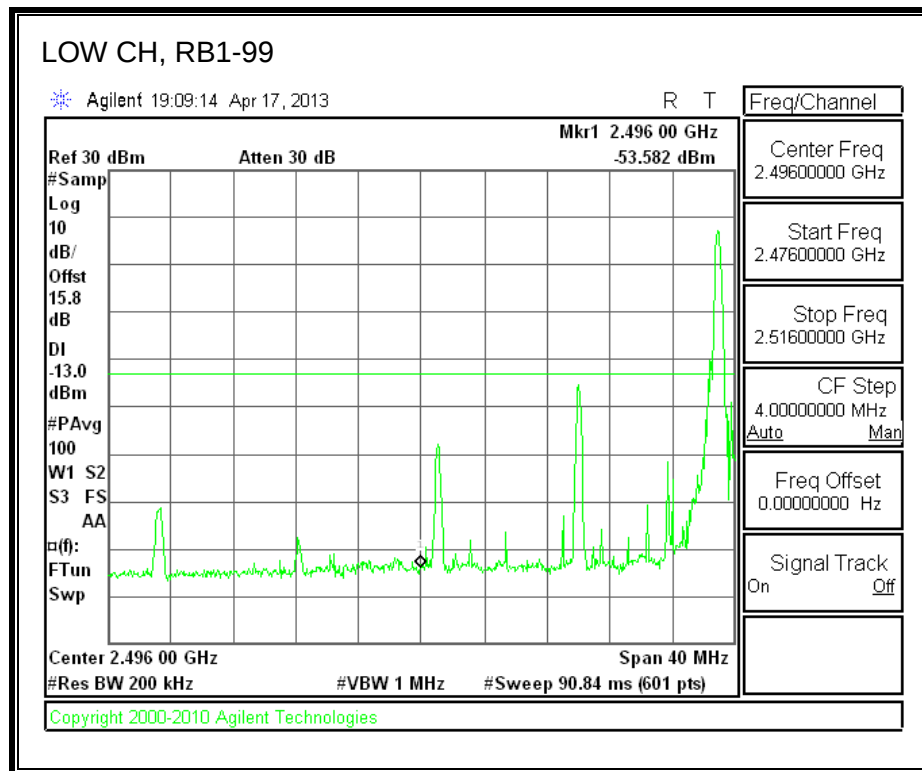


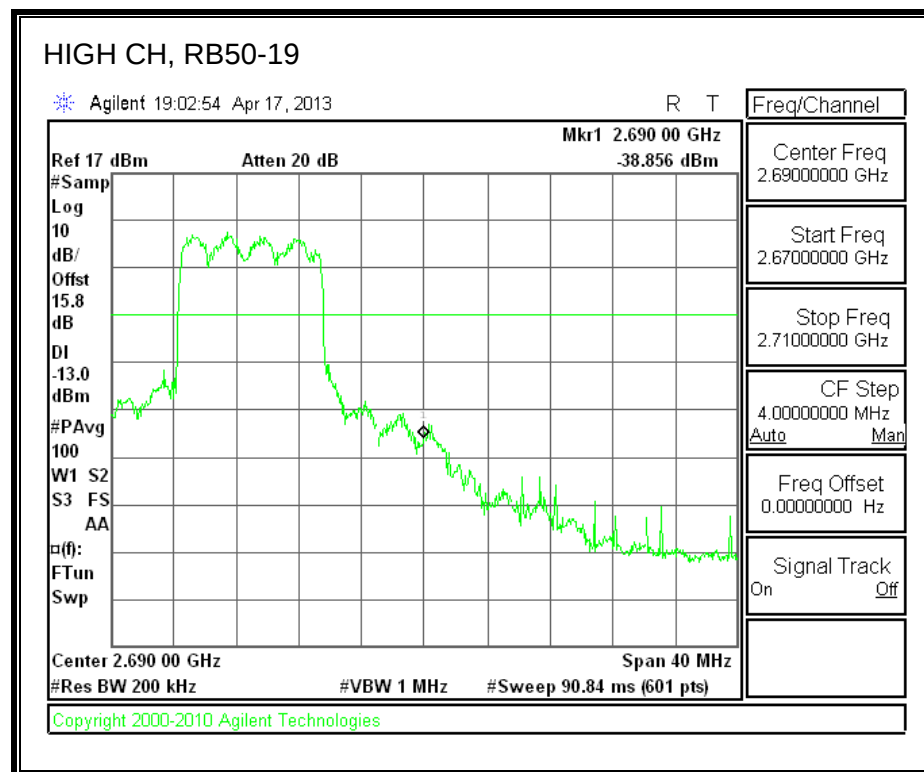
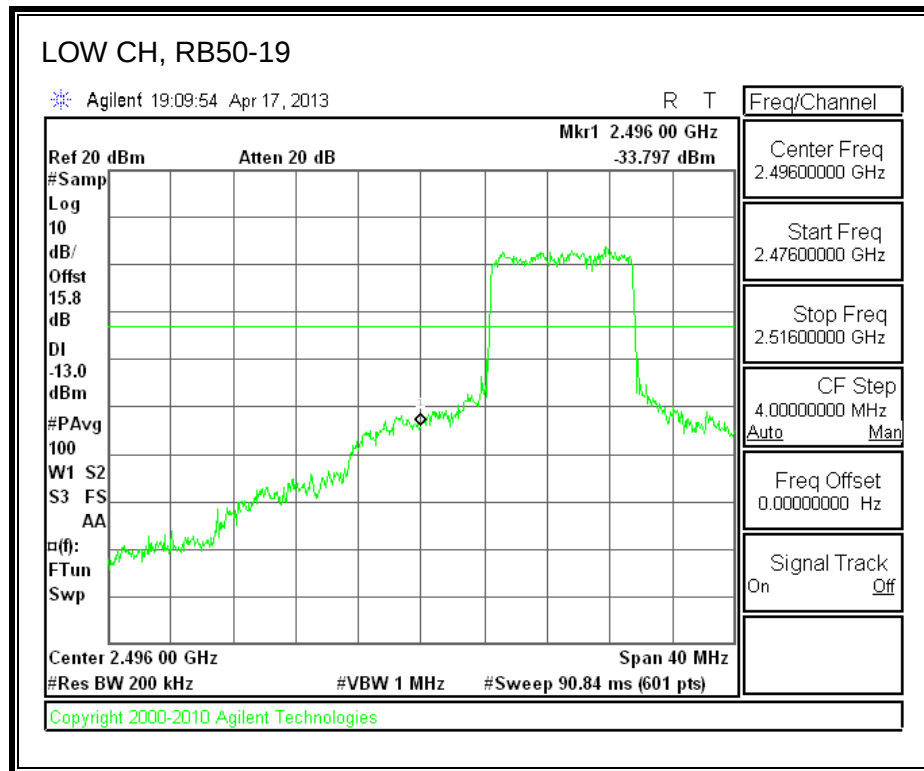


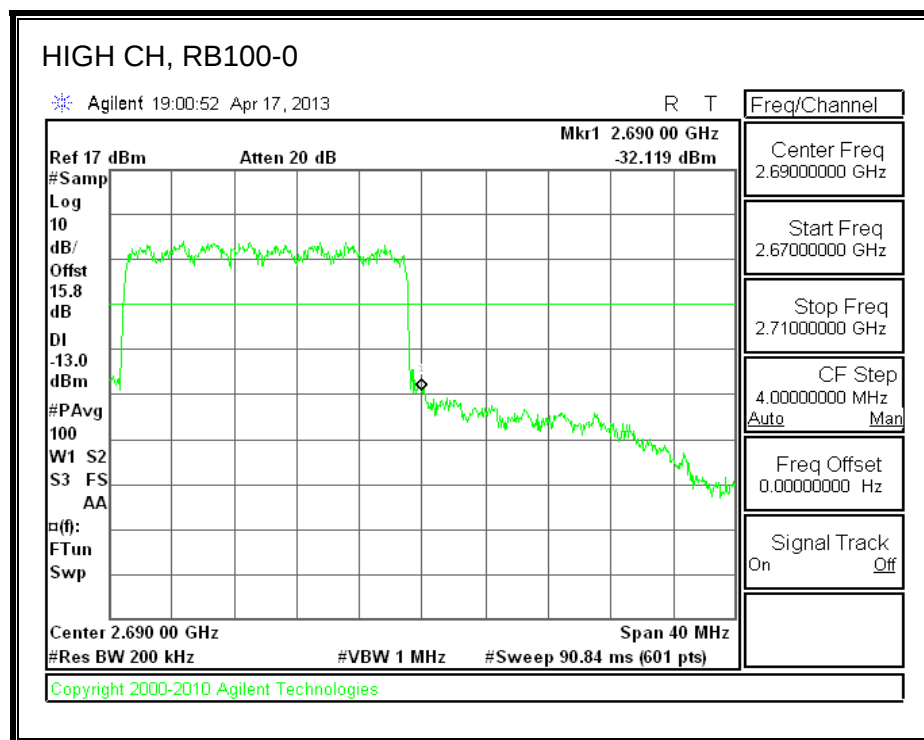
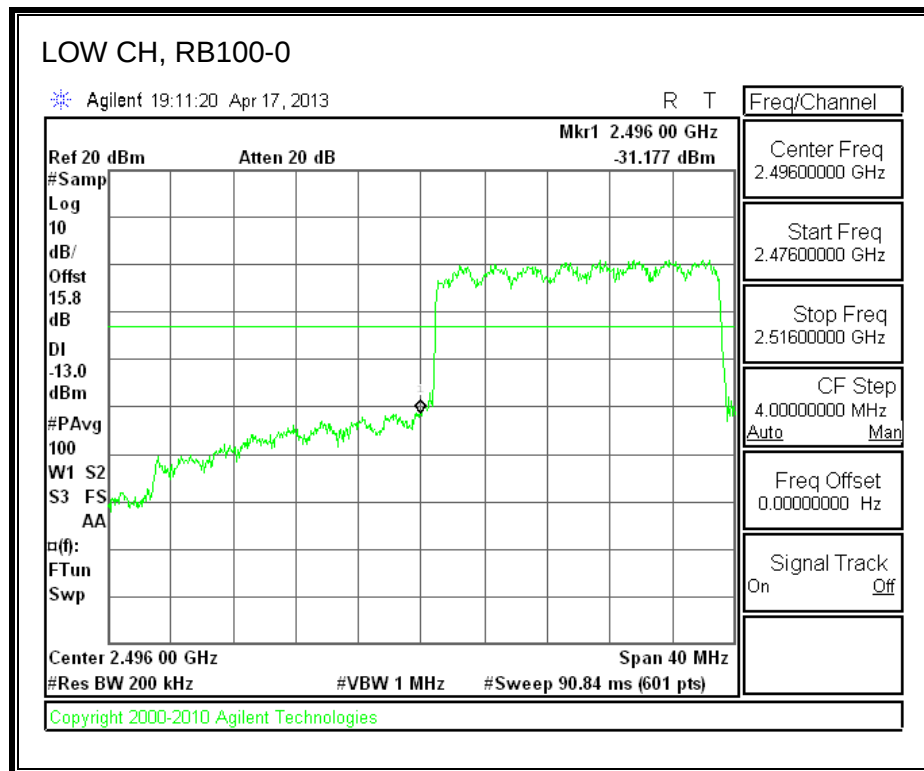


LTE QPSK Band 41 (20 MHz BANDWIDTH)

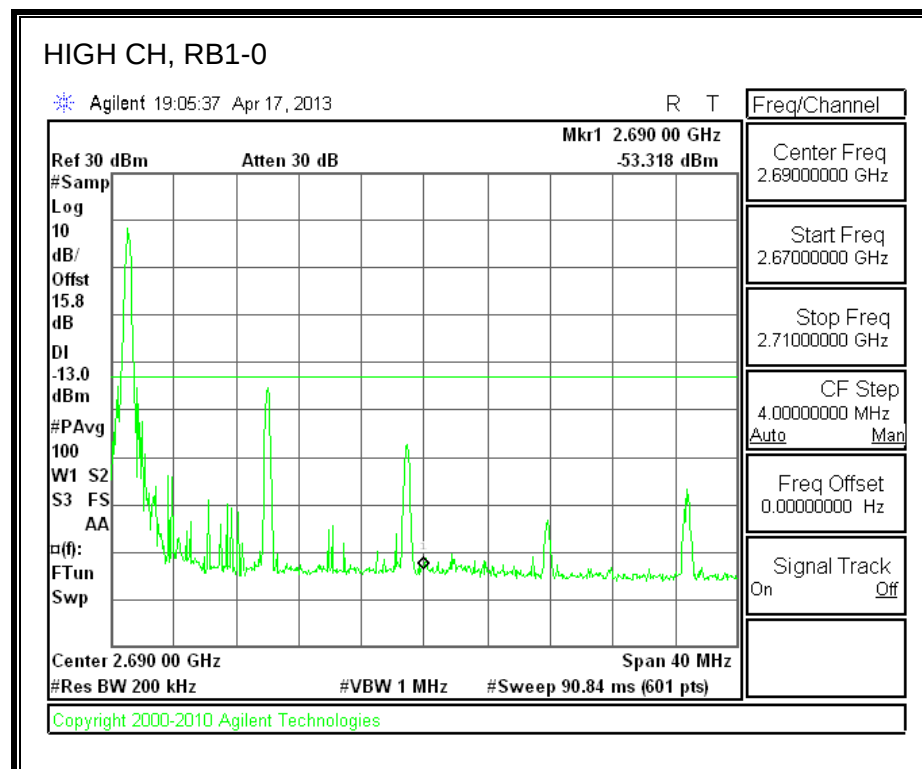
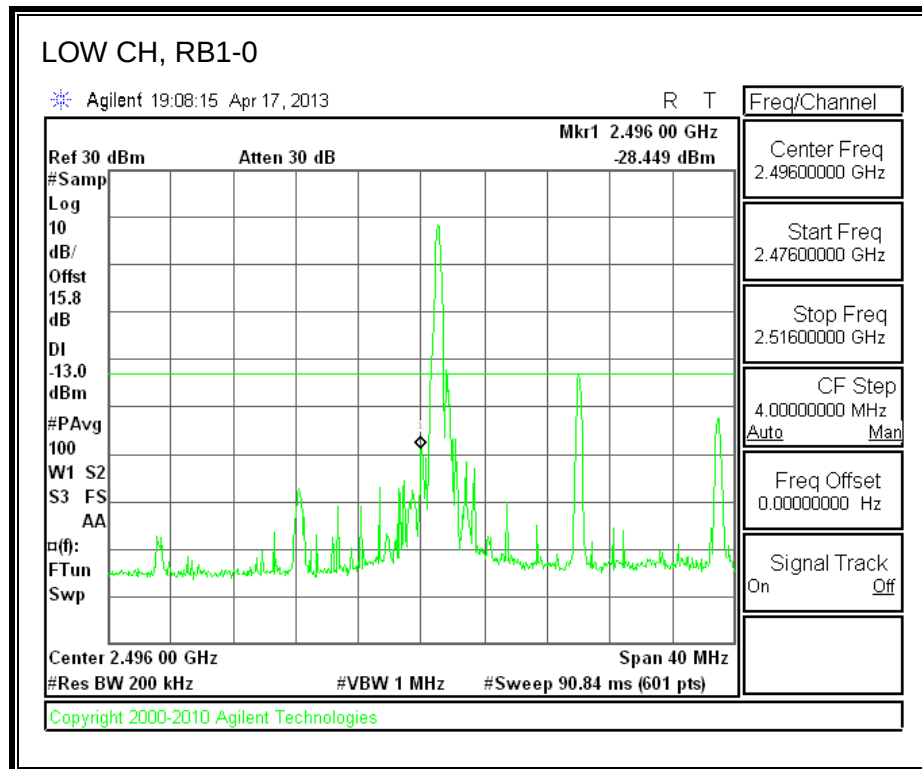


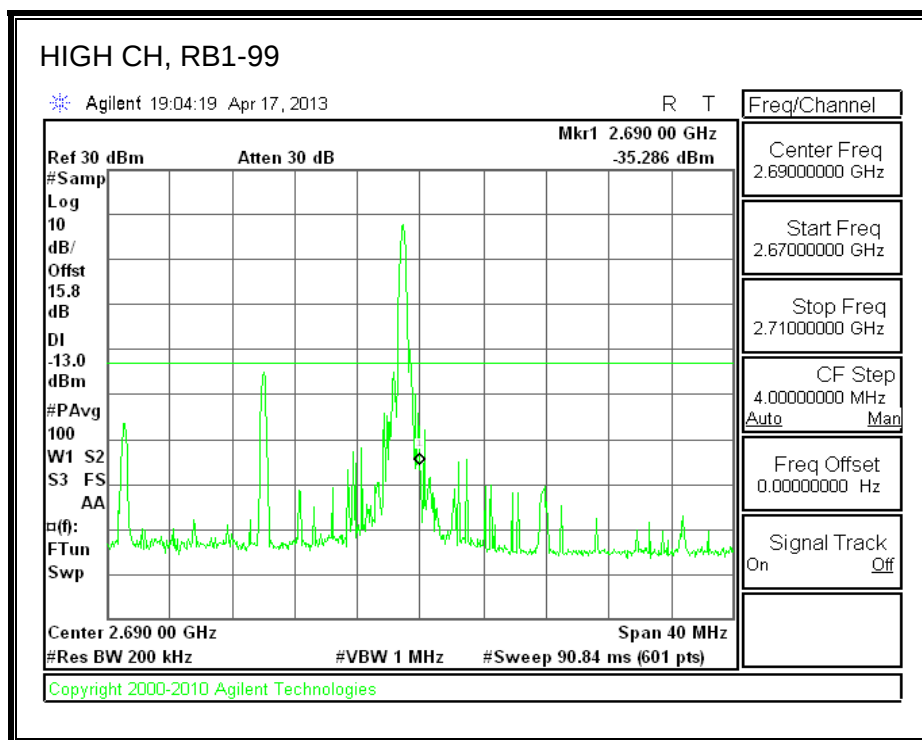
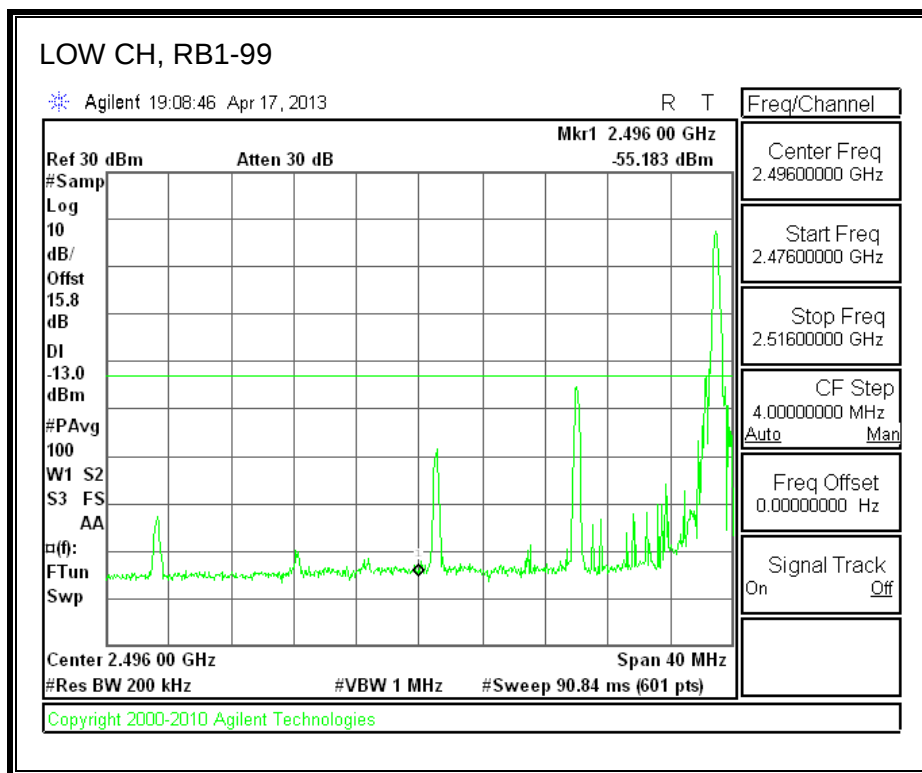


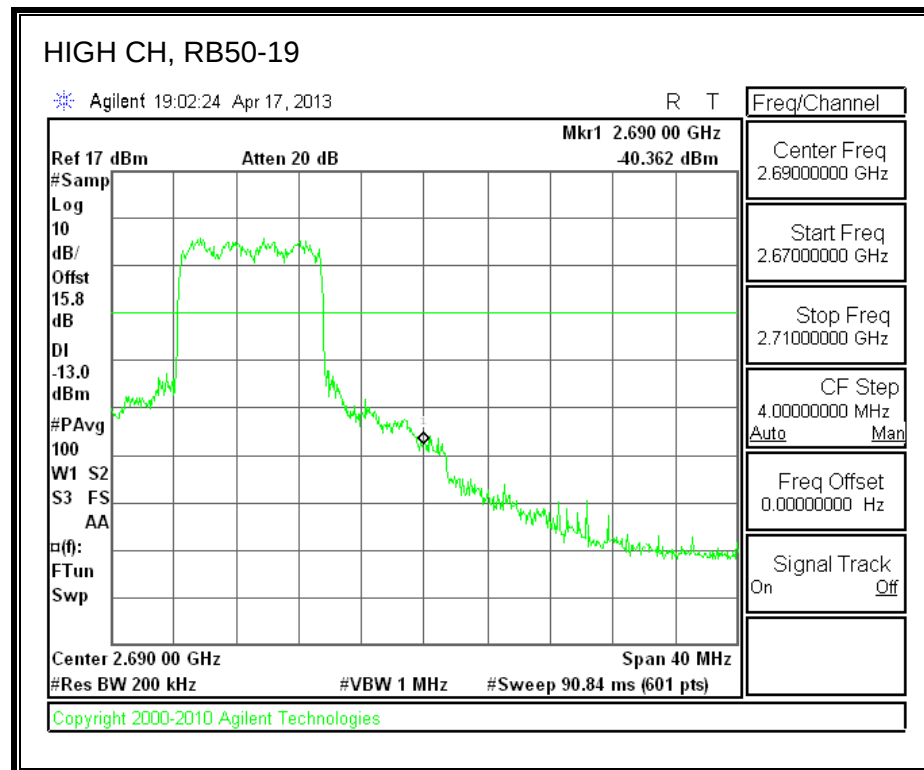
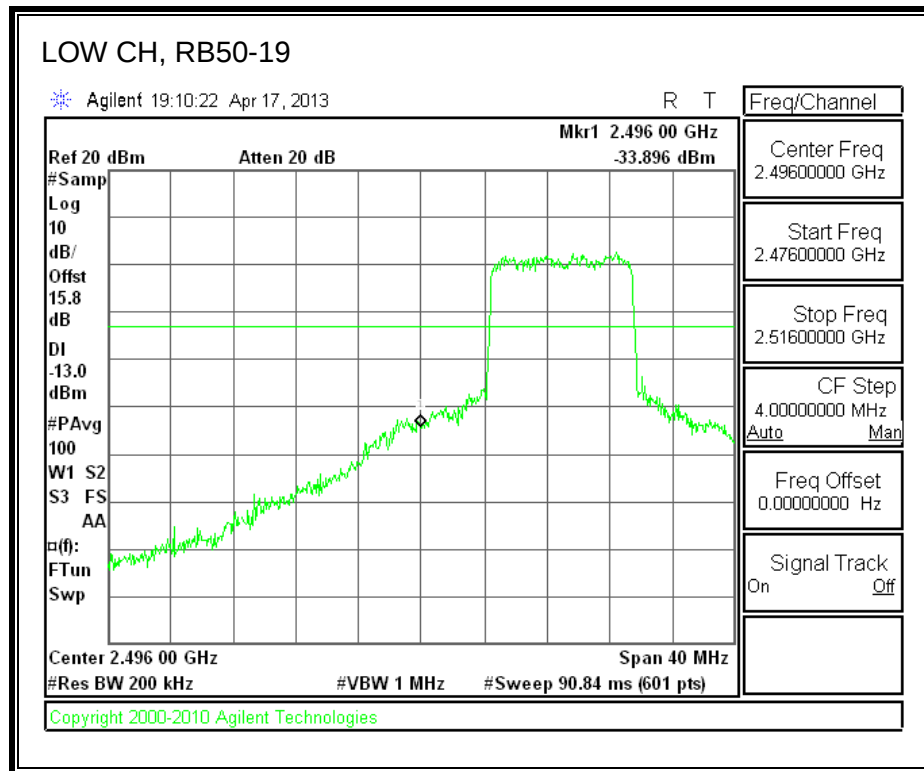


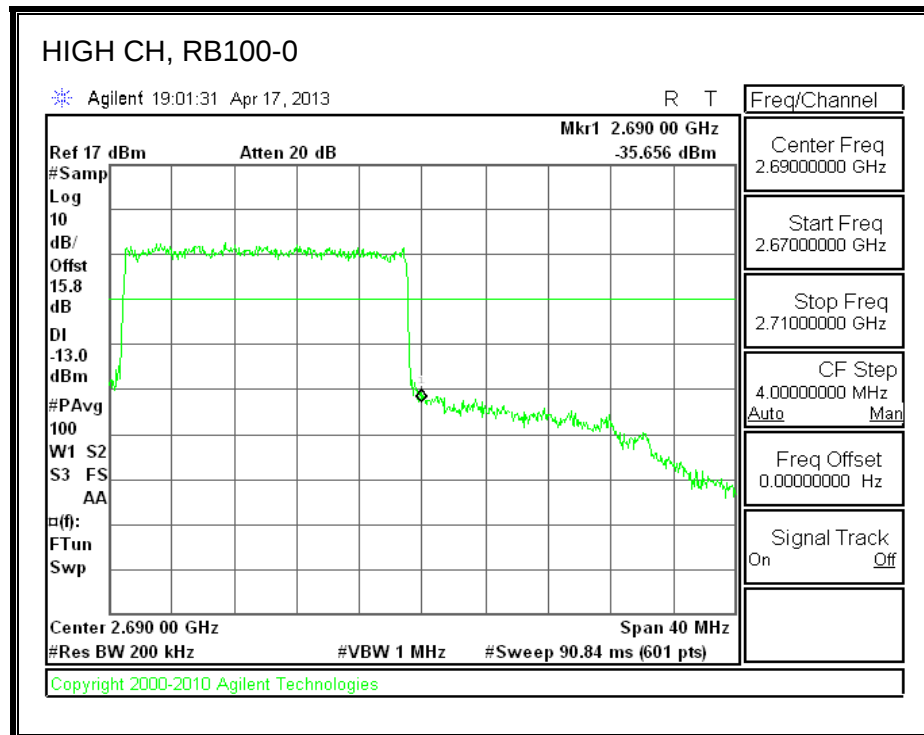
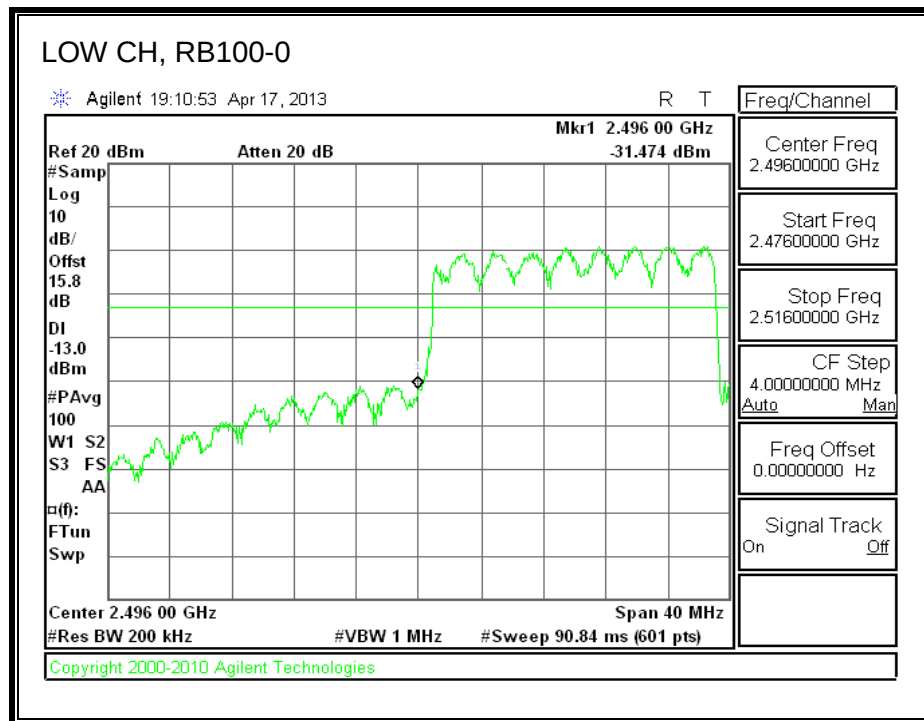


LTE 16QAM Band 41 (20 MHz BANDWIDTH)



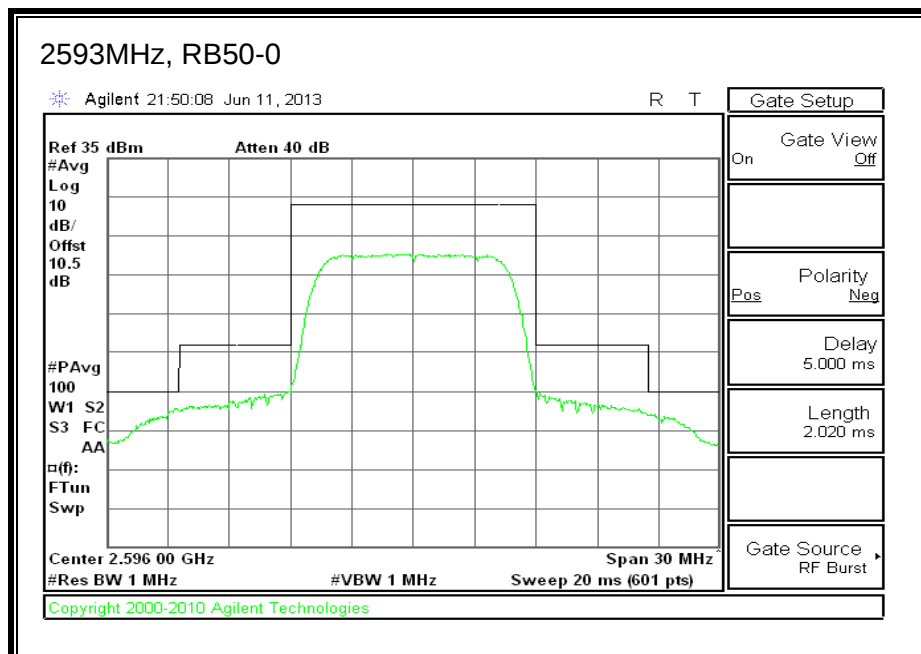
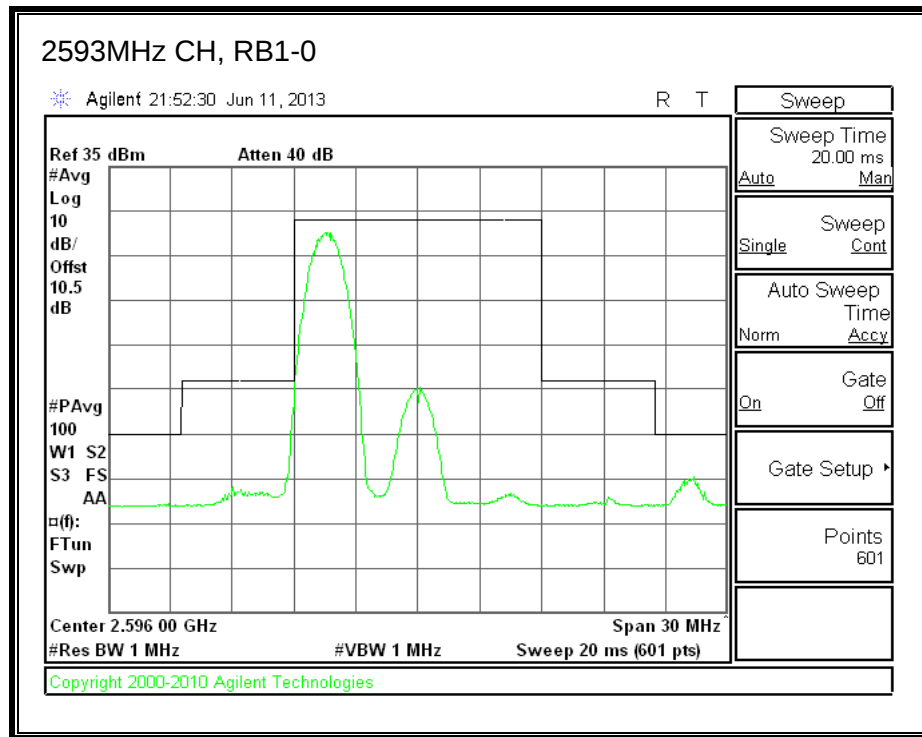




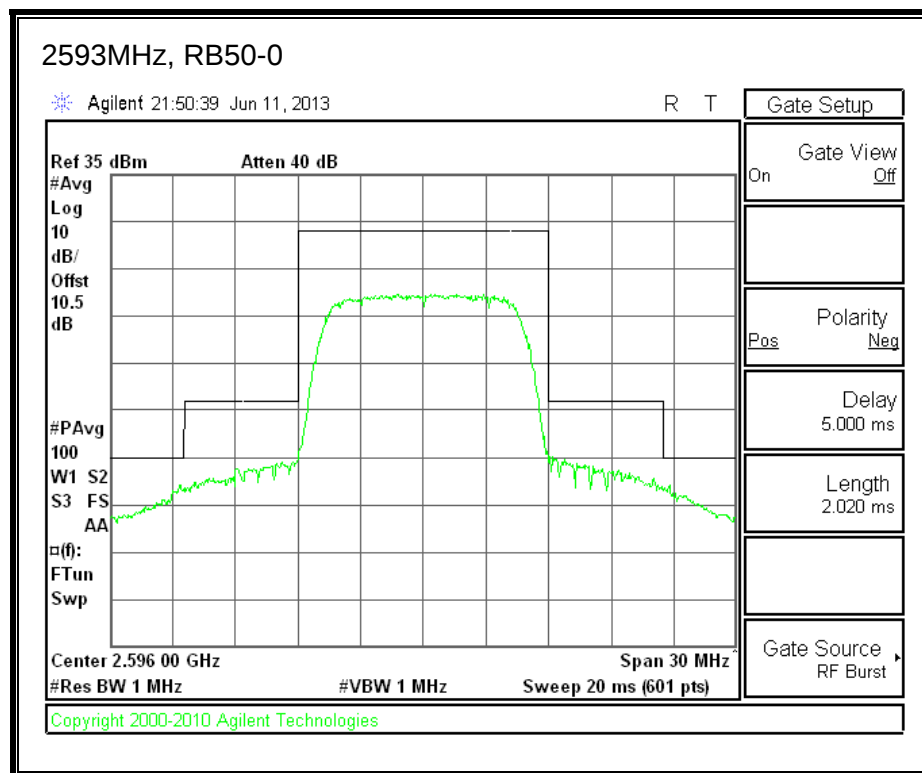
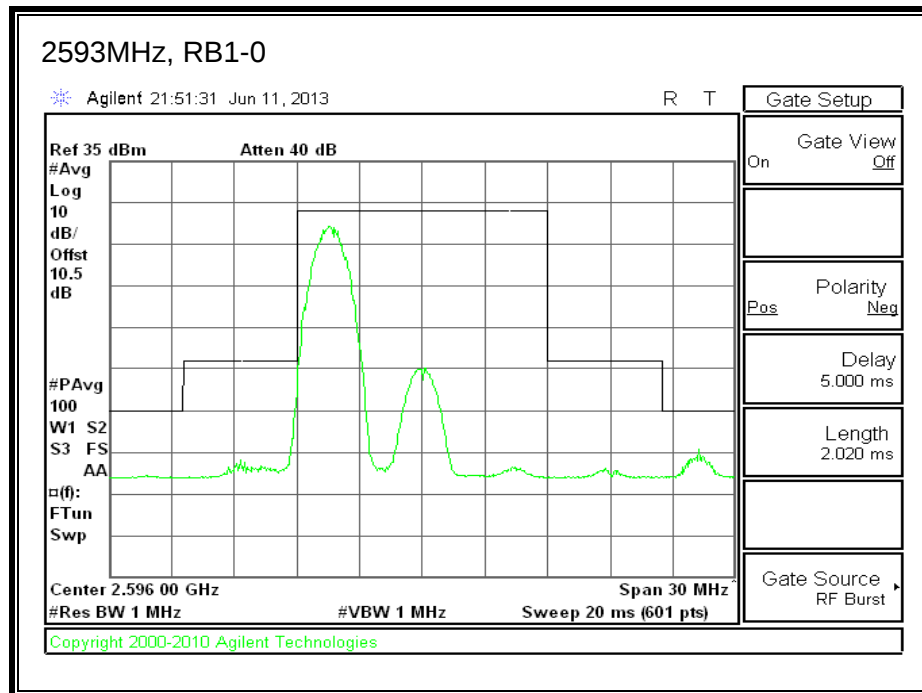


8.2.9. LTE BAND 41EMISSION MASK

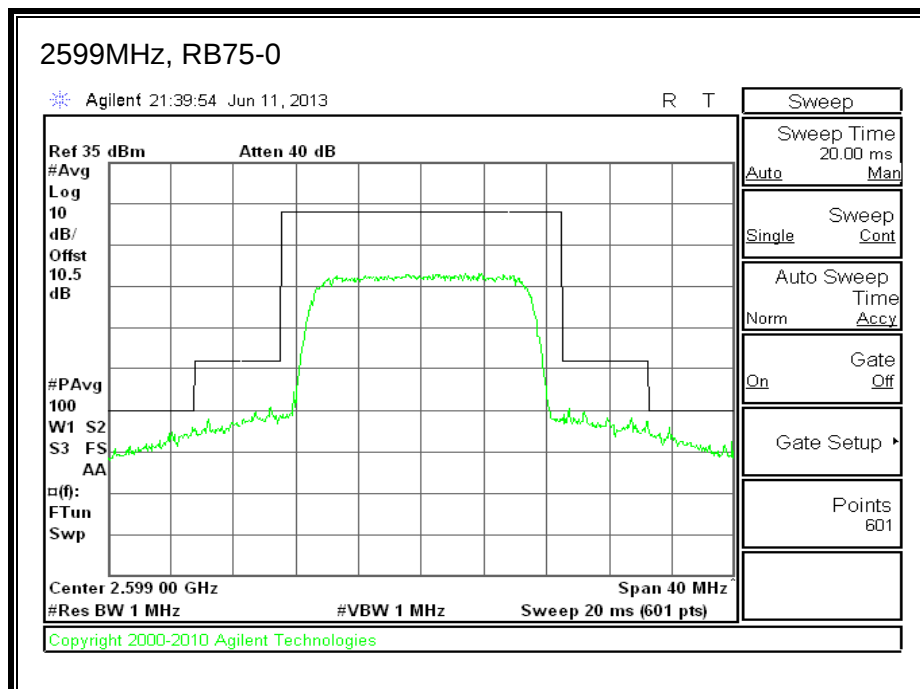
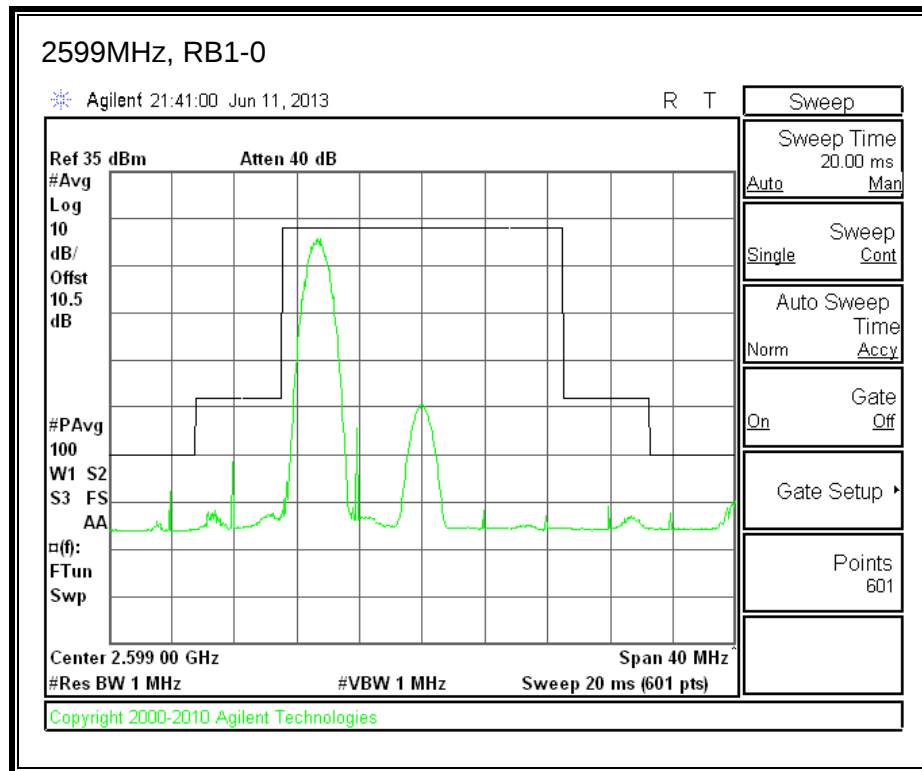
10MHz, QPSK , MID CHANNEL



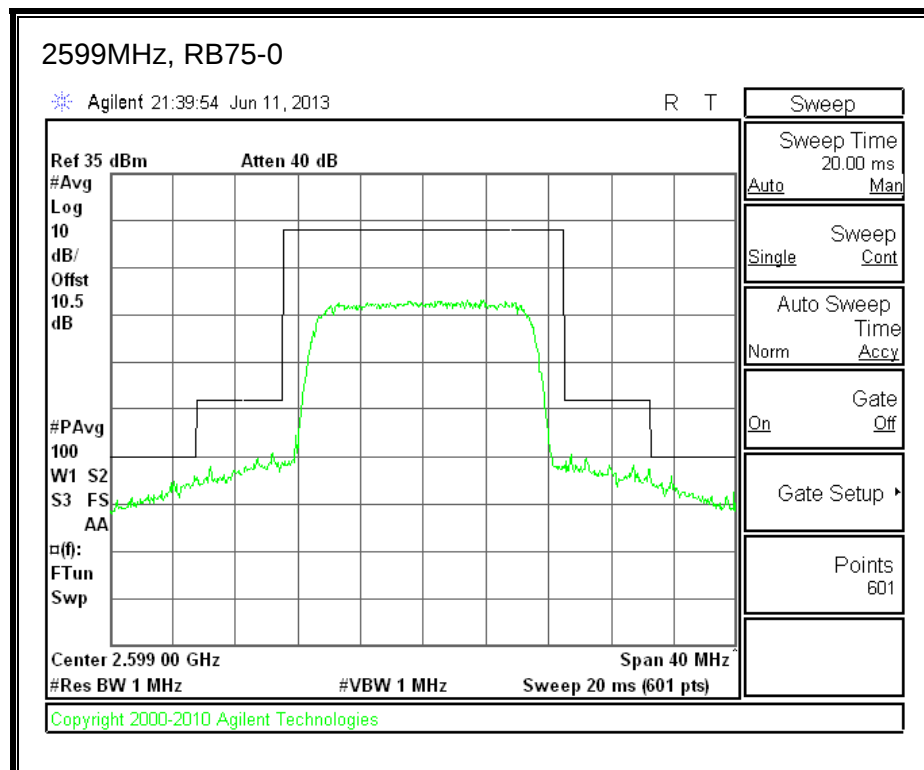
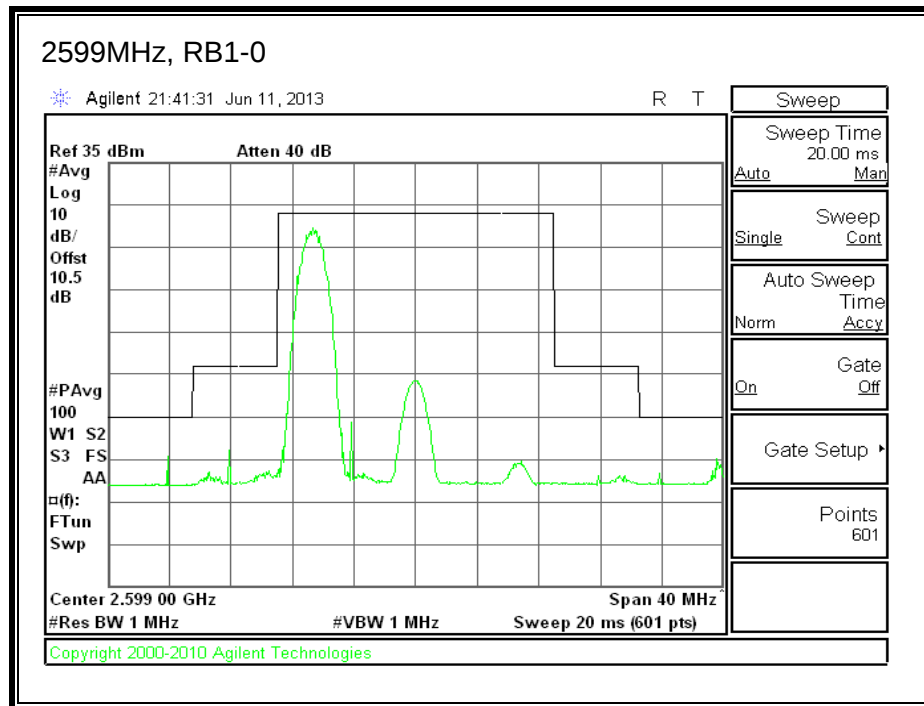
10MHz, 16QAM



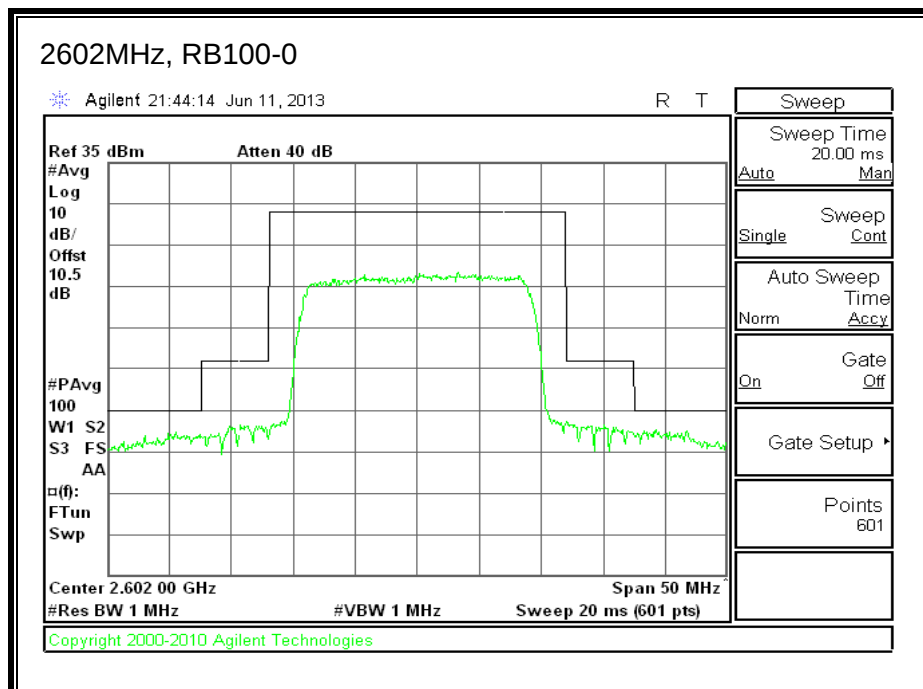
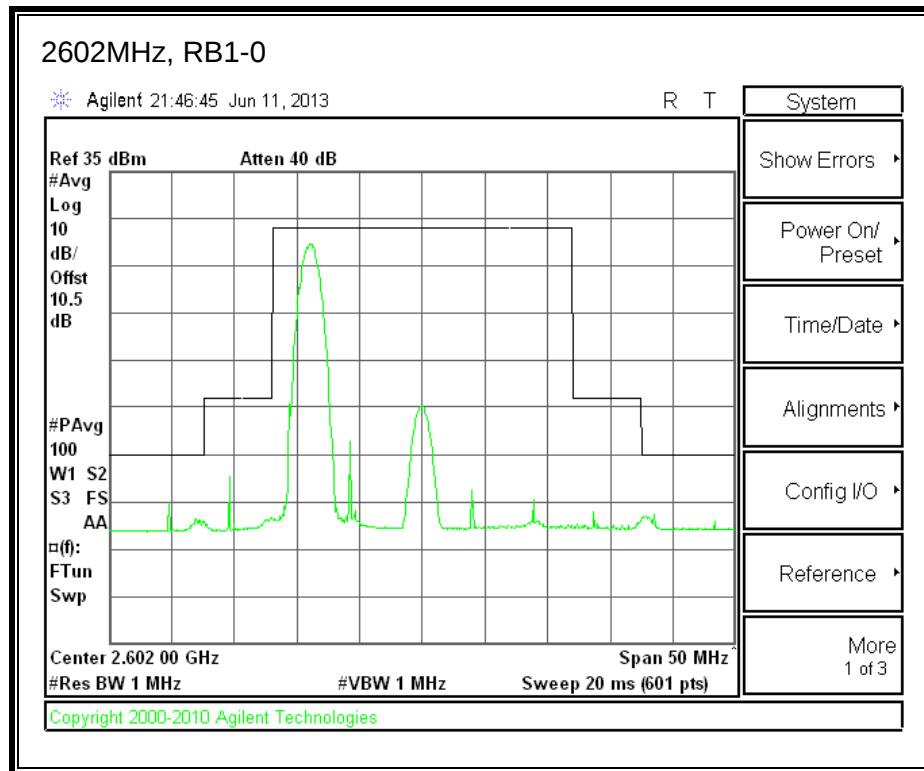
15MHz, QPSK , MID CHANNEL



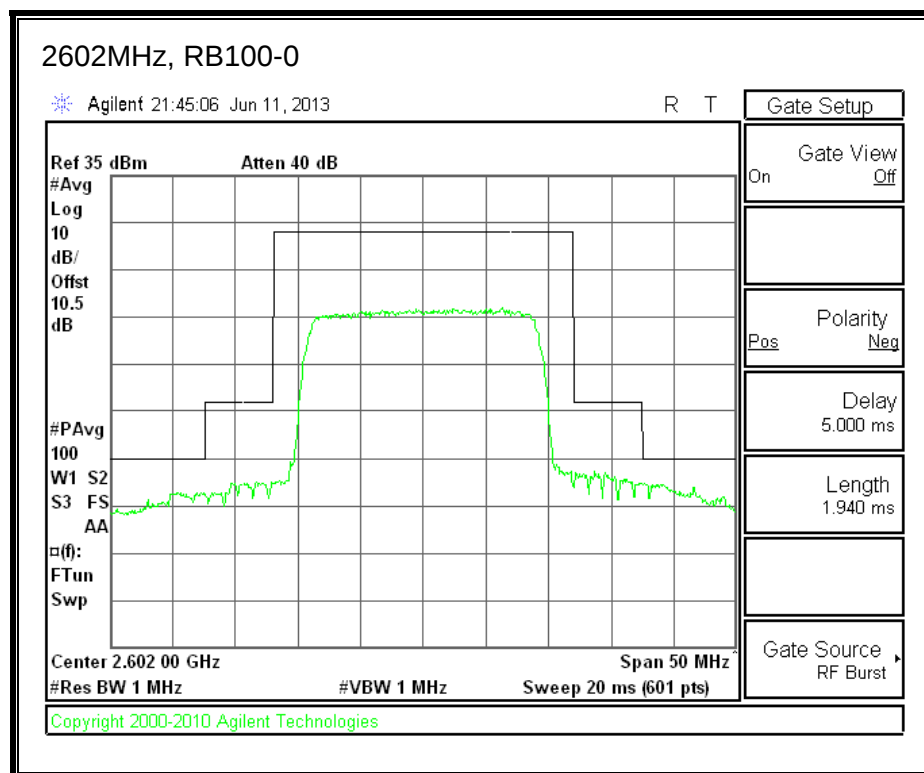
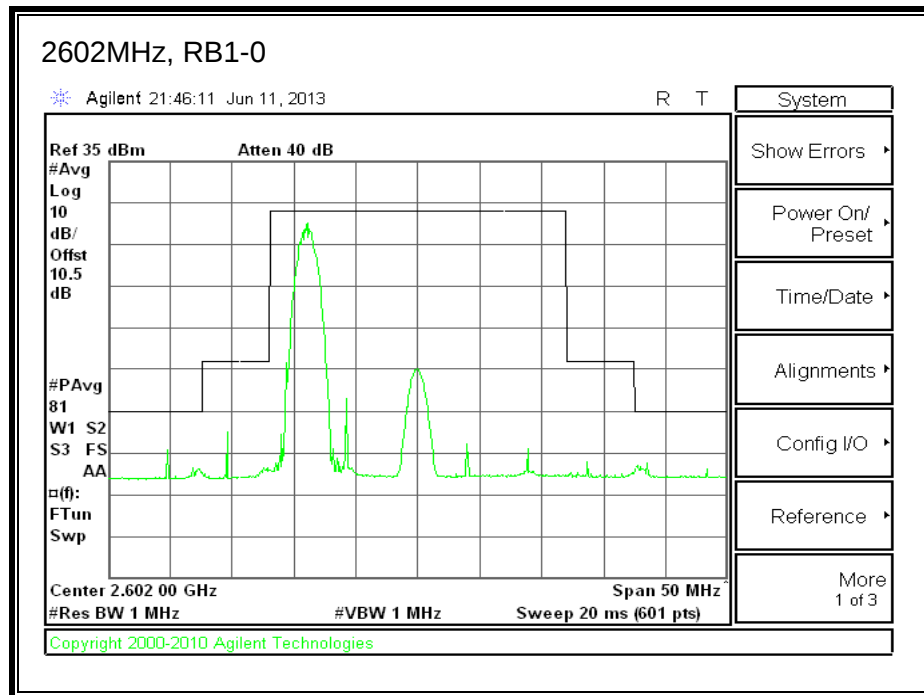
15MHz, 16QAM



20MHz, QPSK, MID CHANNEL



20MHz, 16QAM



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.

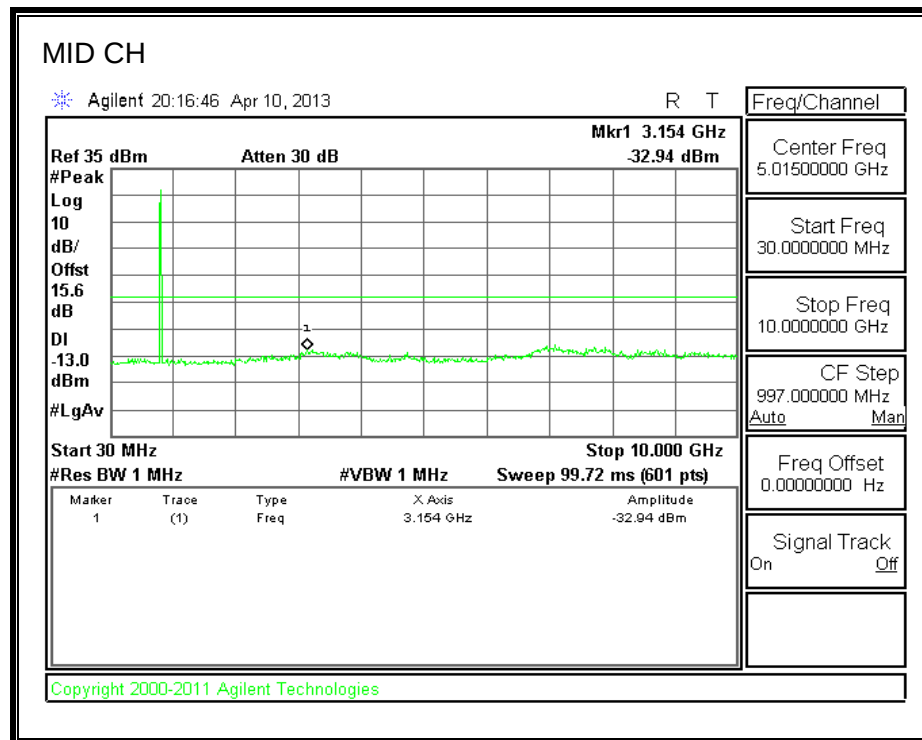
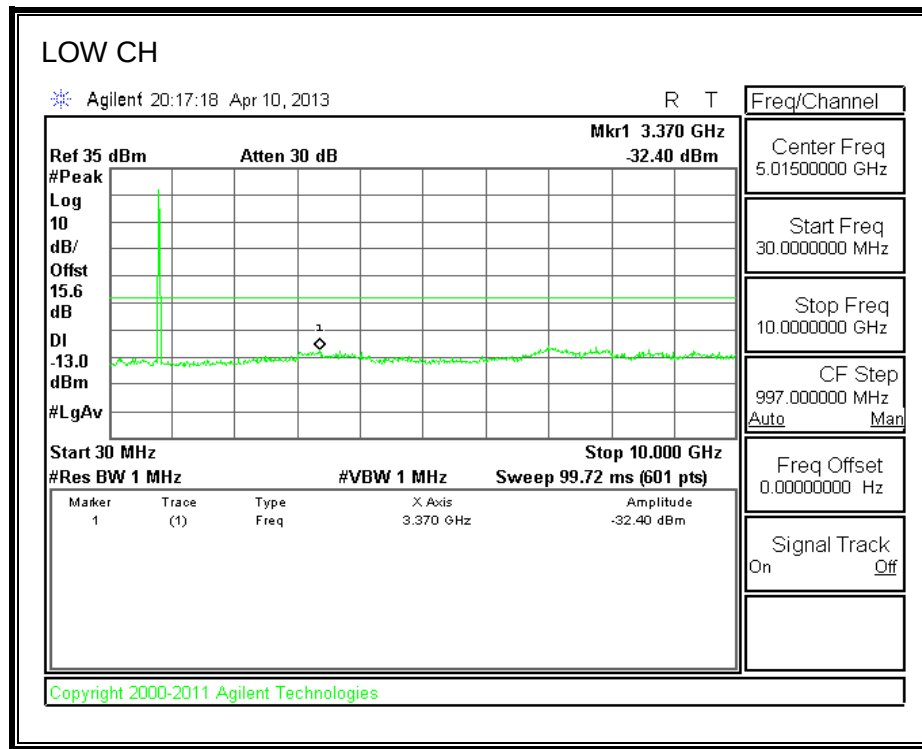
MODES TESTED

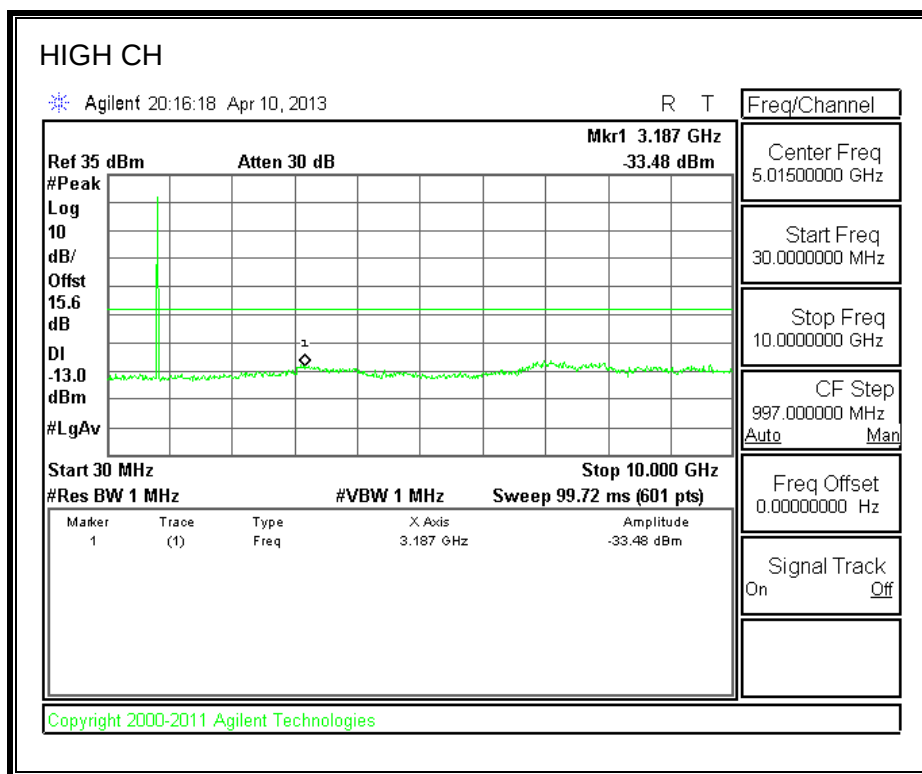
- CDMA2000 BC10, BC0, BC1
- LTE Band 25
- LTE Band 26
- LTE Band 41

RESULTS

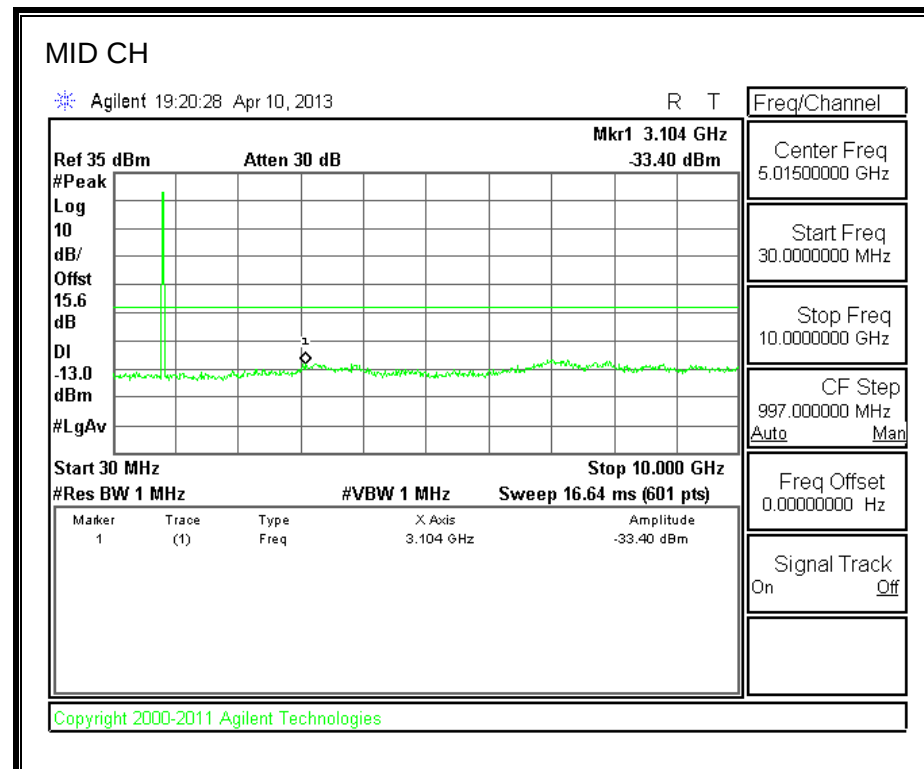
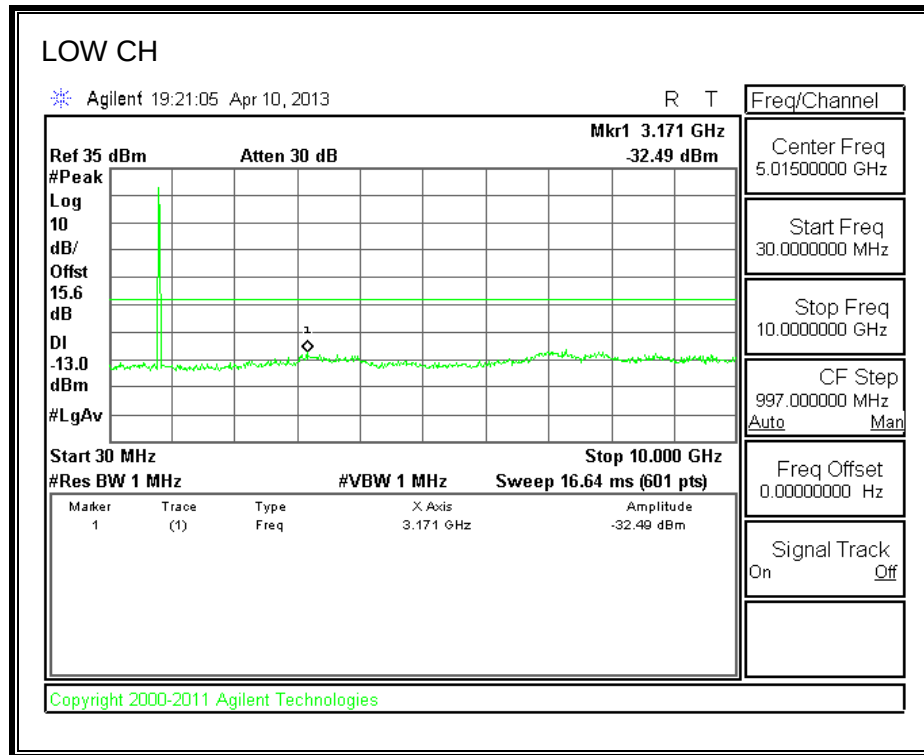
8.3.1. CDMA, BC10

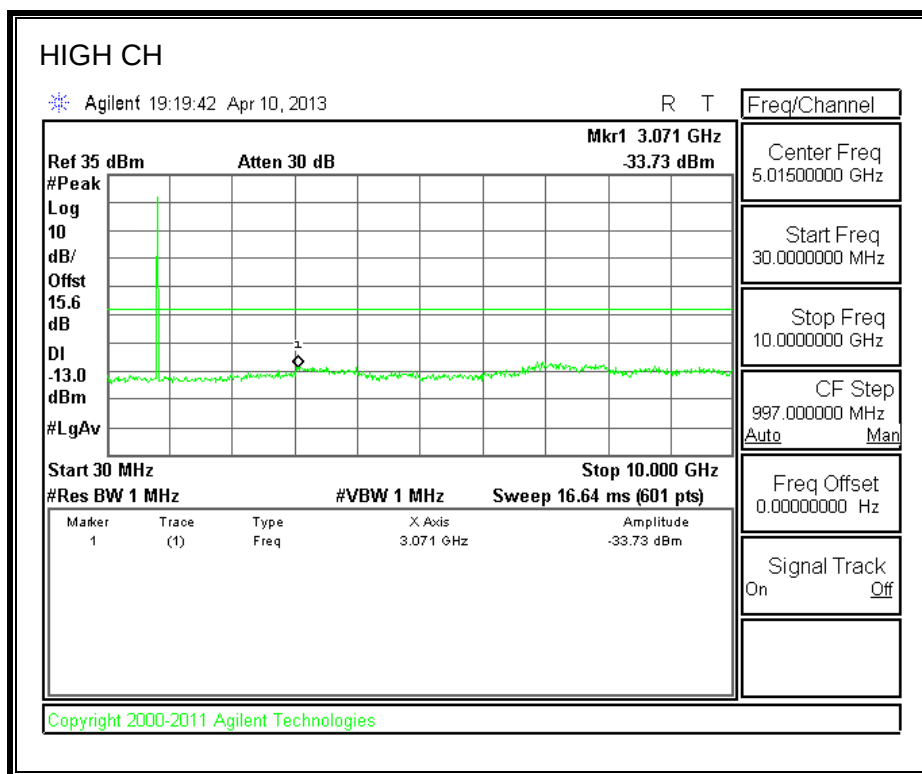
1xRTT





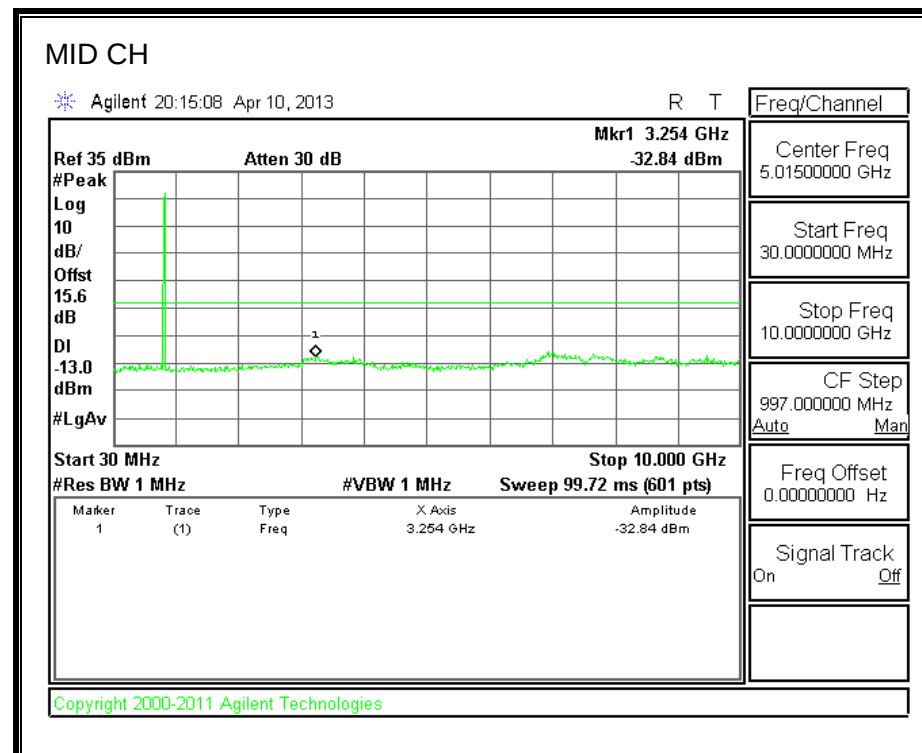
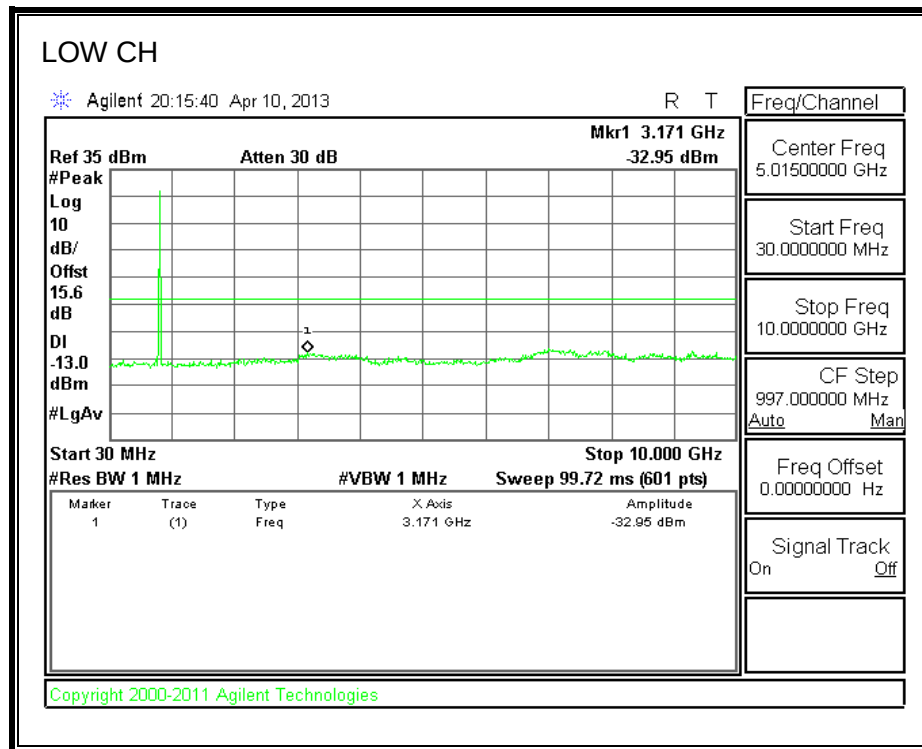
EVDO, Rev A

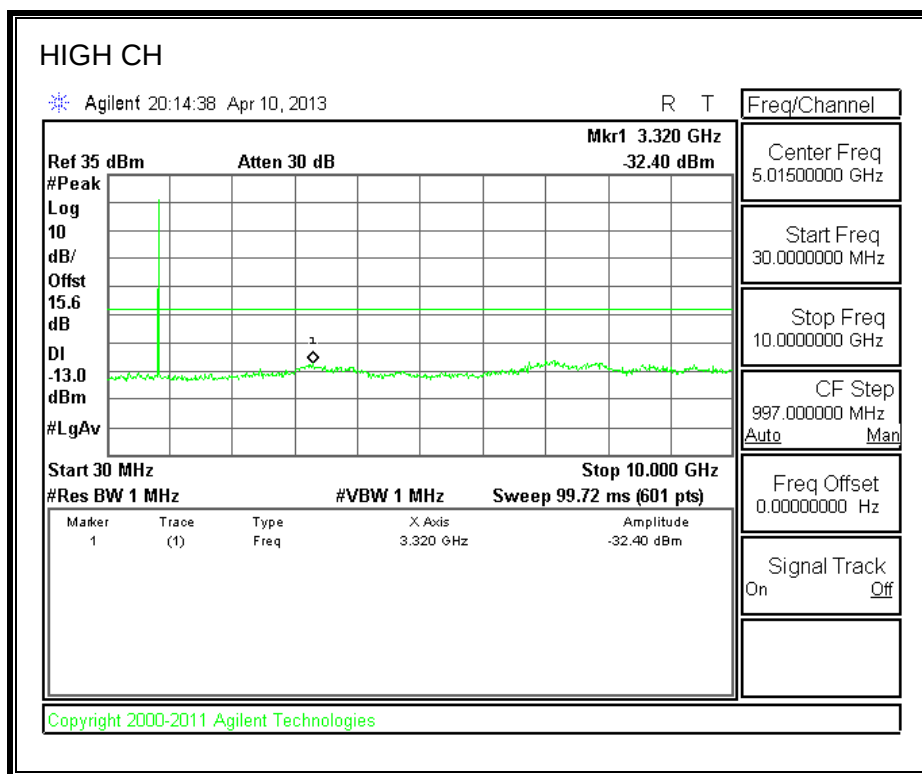




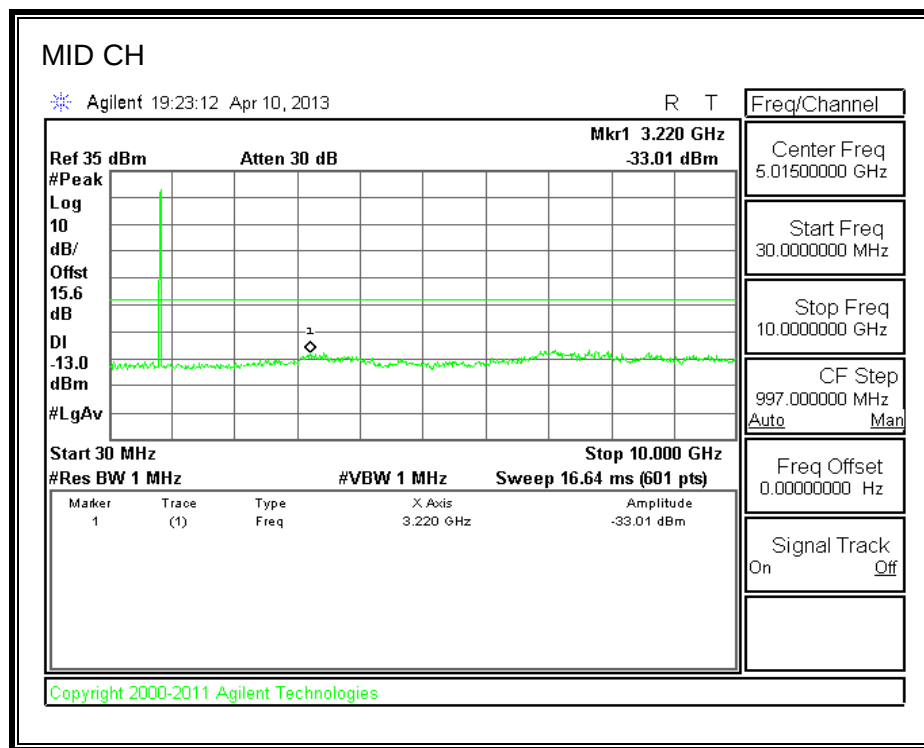
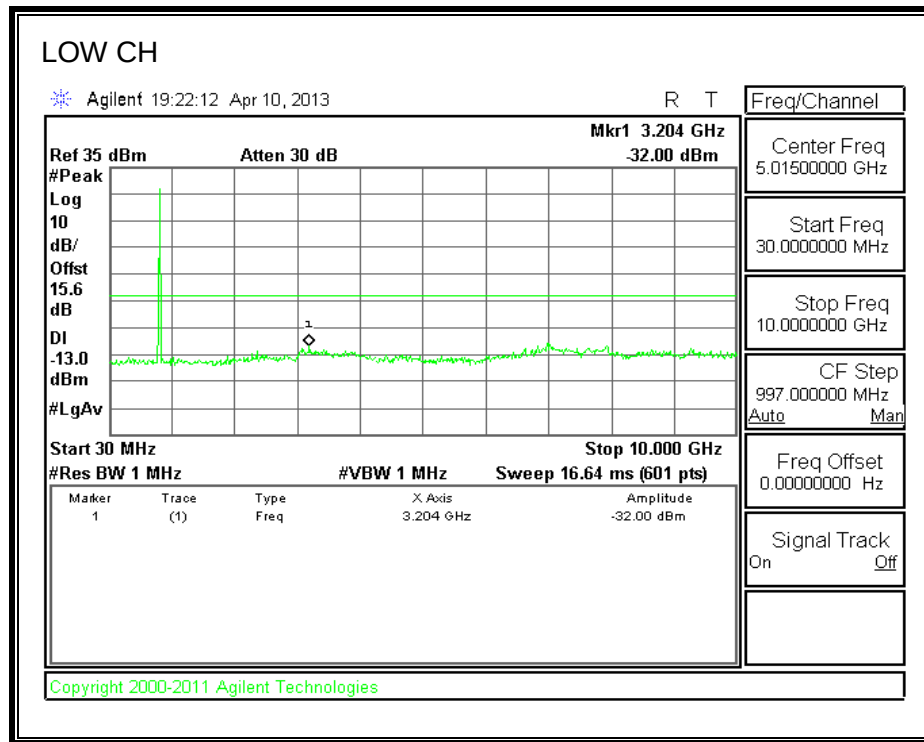
8.3.2. CDMA, BC0

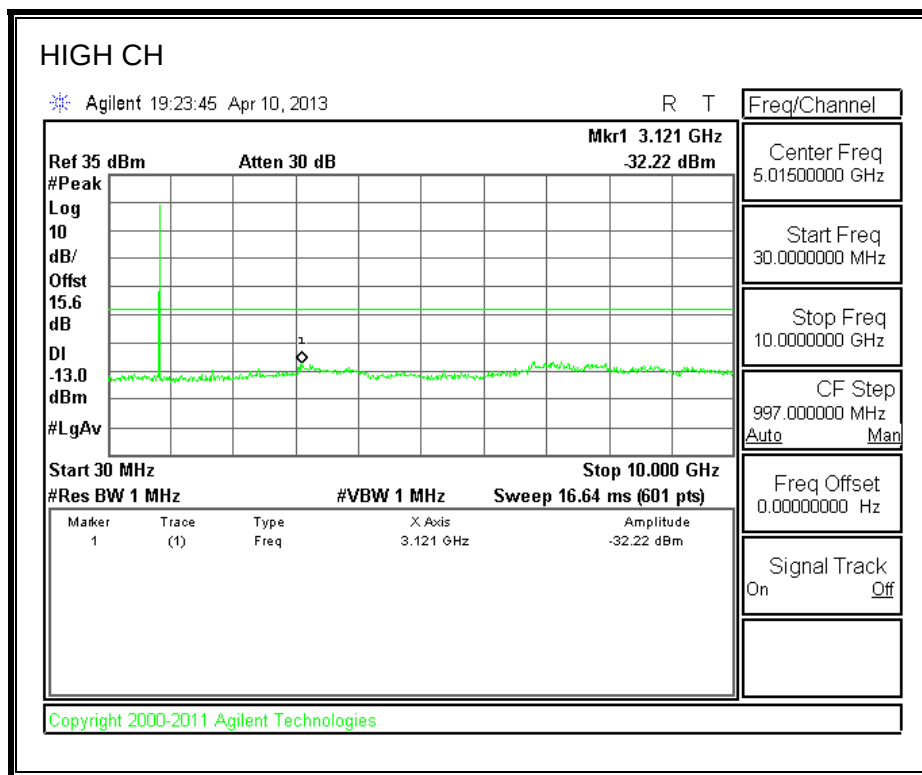
CELL BAND, 1xRTT





Cell BAND, EVDO, Rev A





8.3.3. CDMA, BC1

1xRTT, PCS BAND

