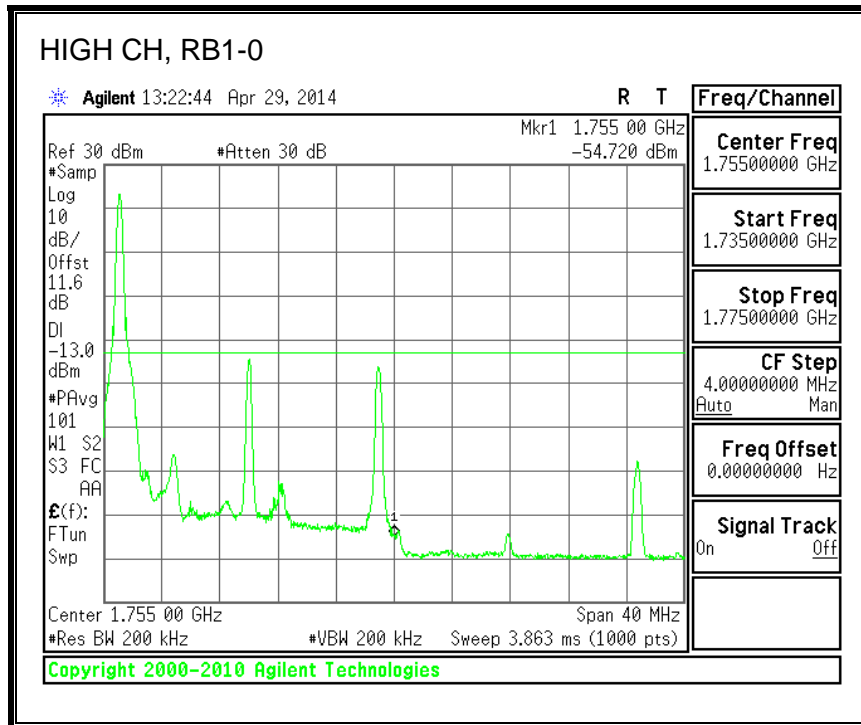
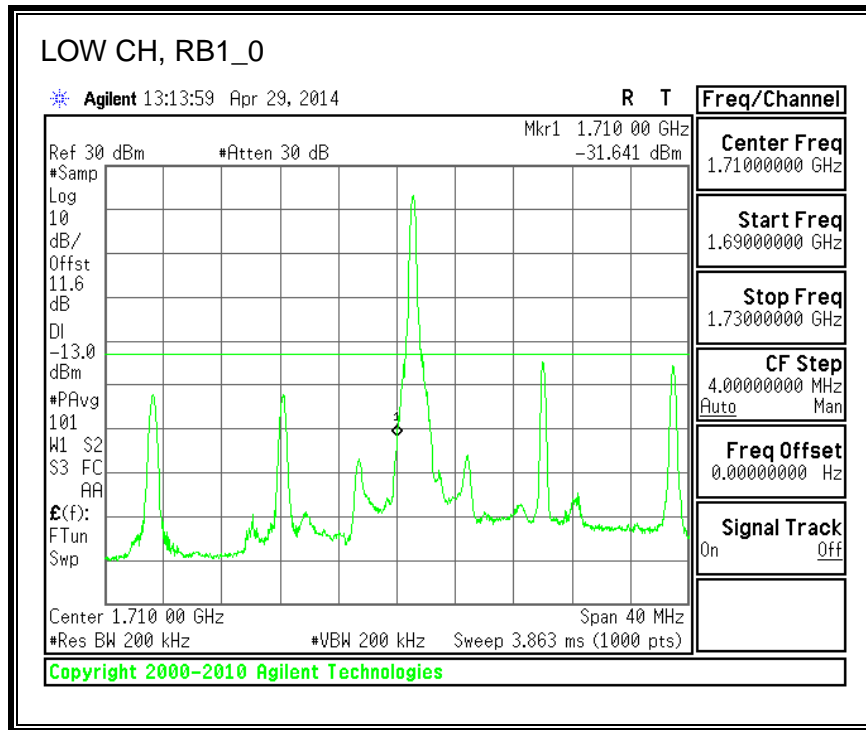
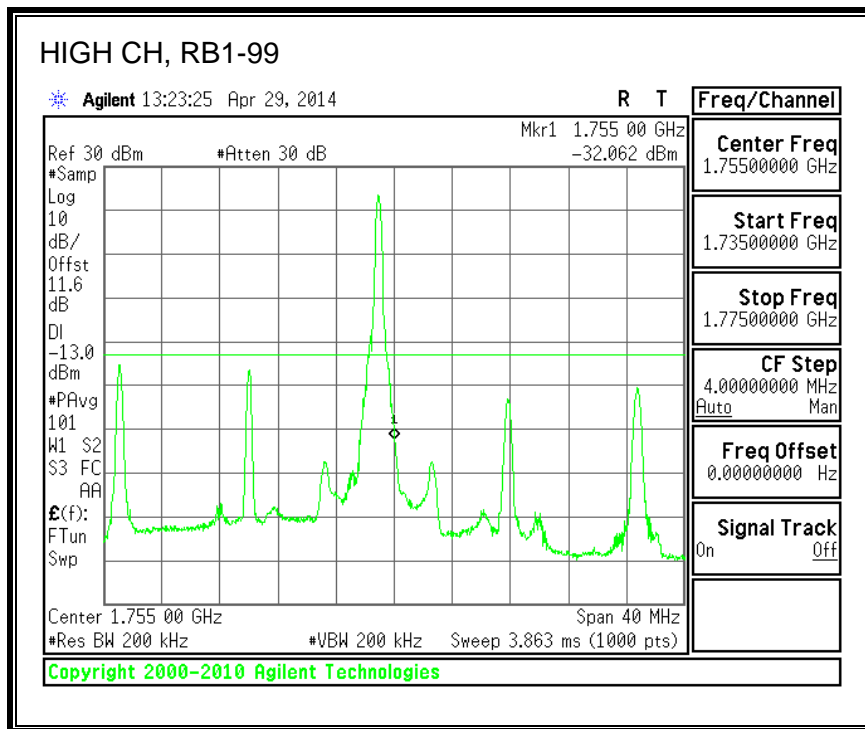
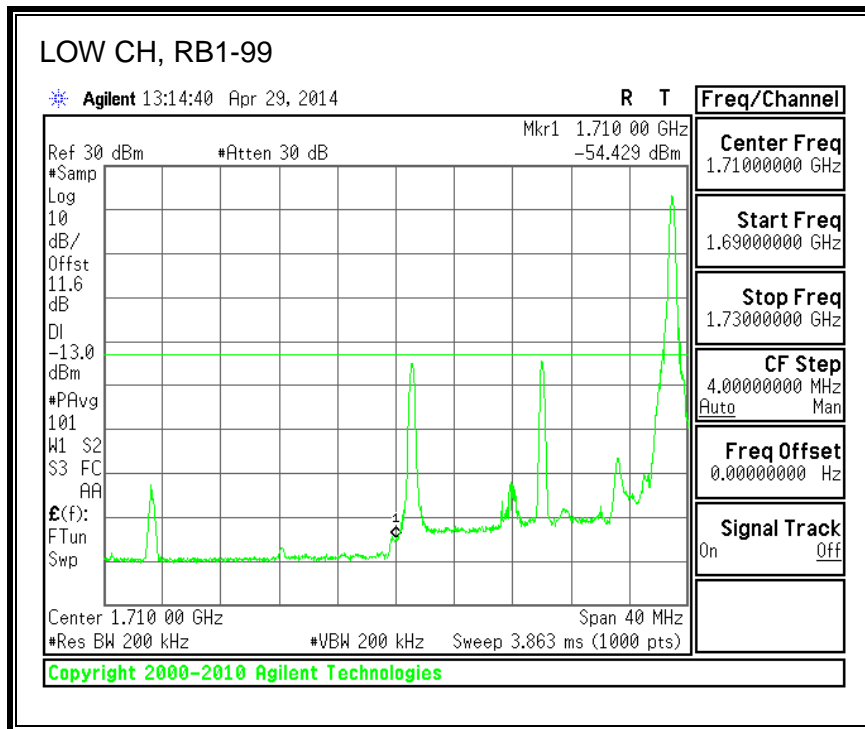
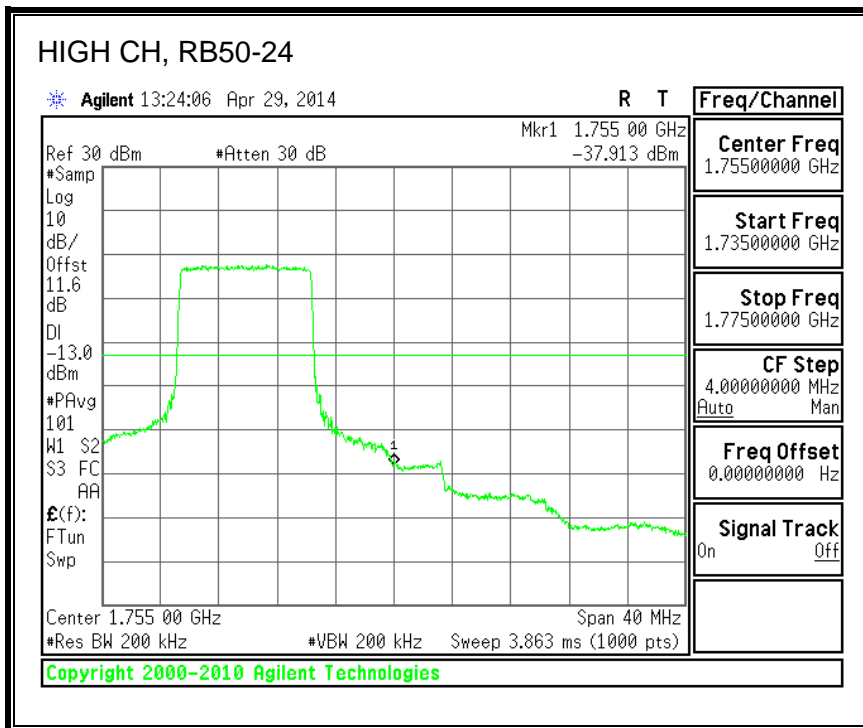
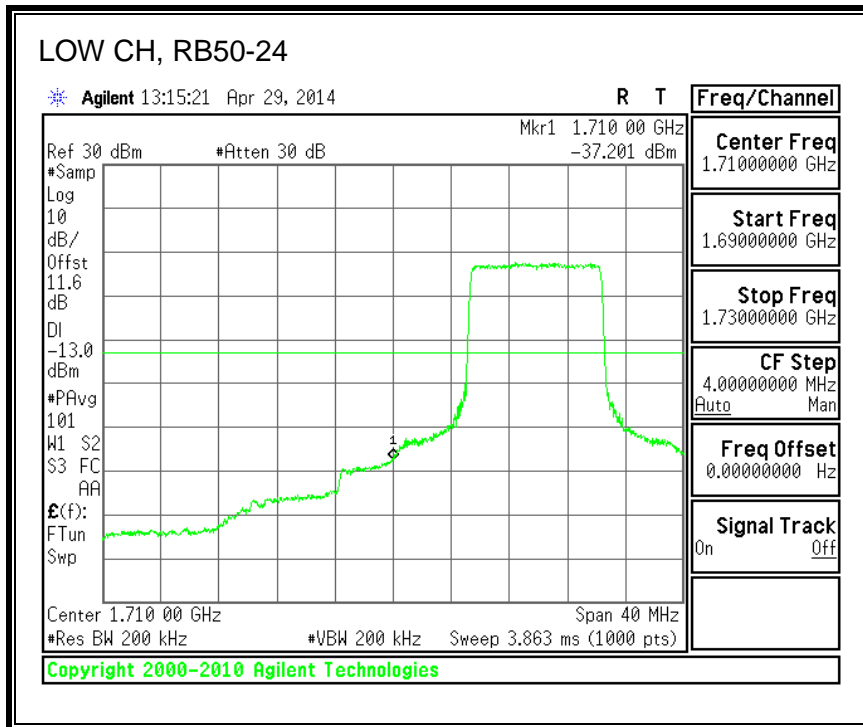
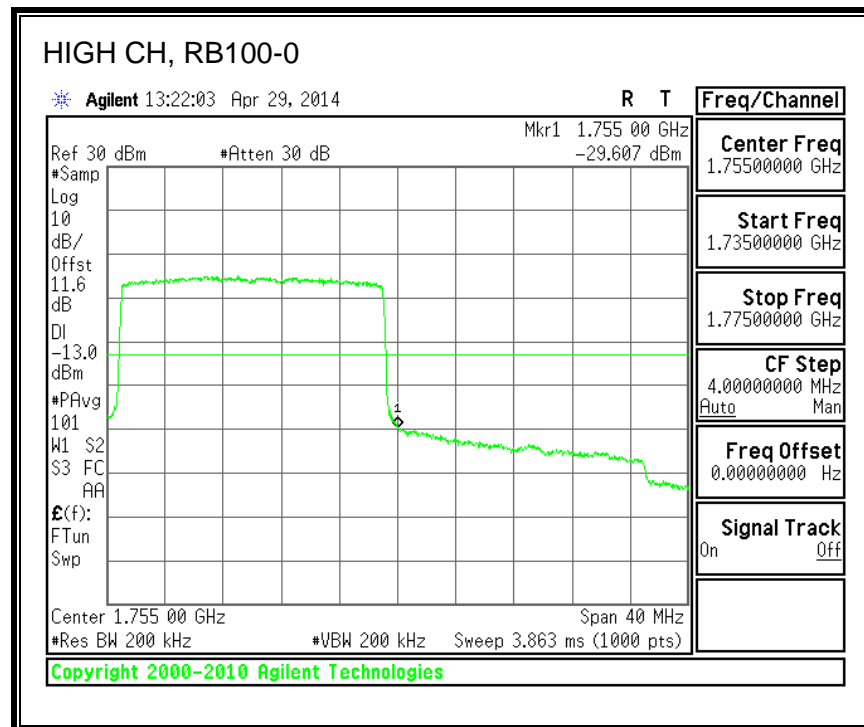
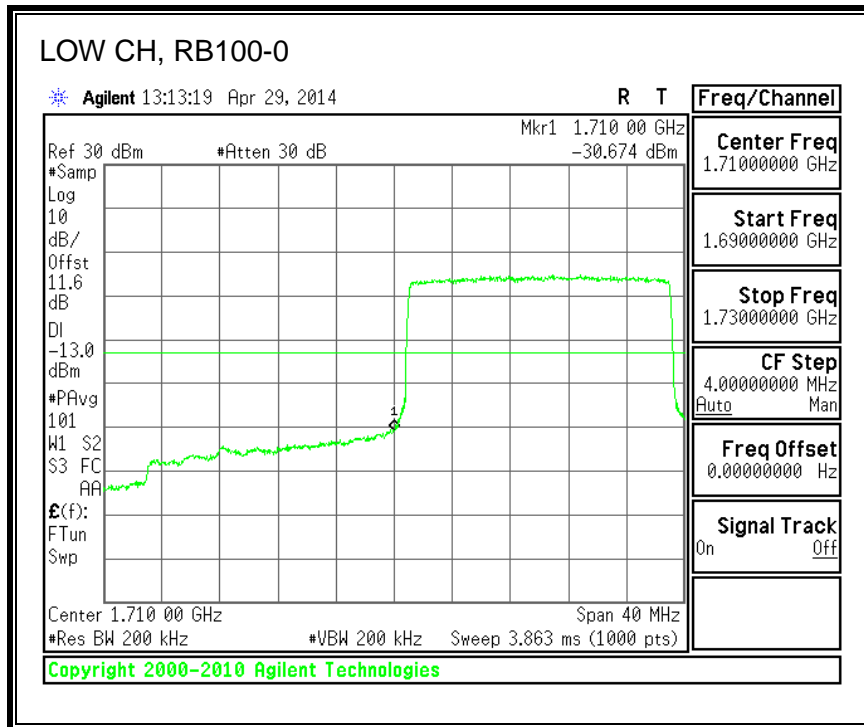


QPSK, (20.0 MHz BAND WIDTH)

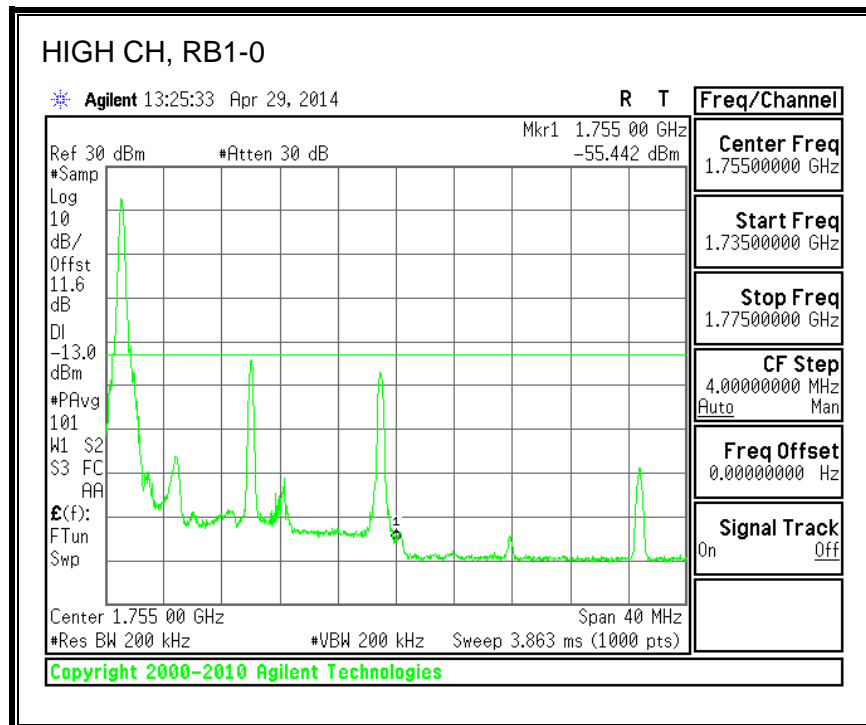
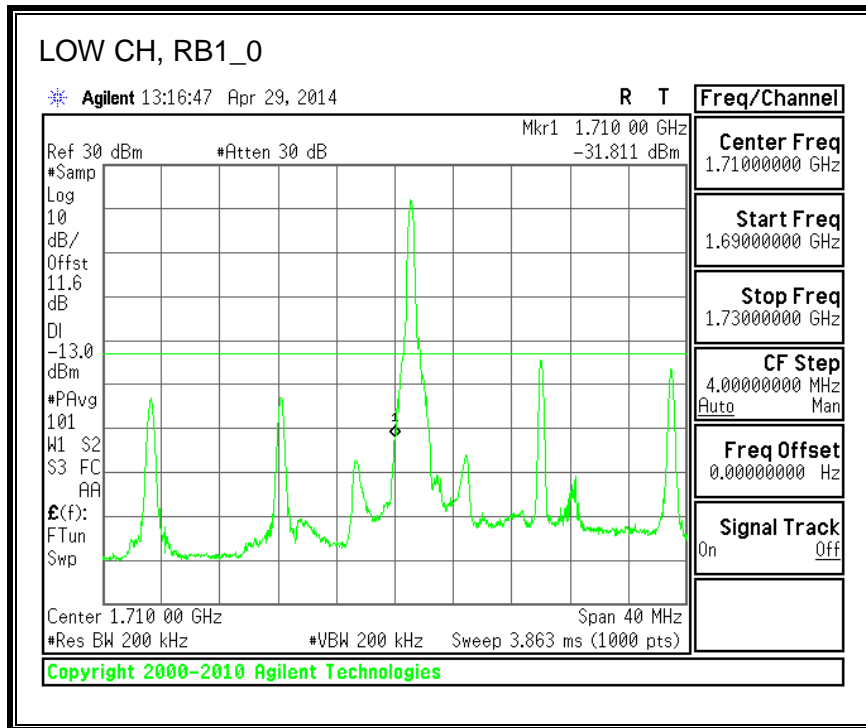


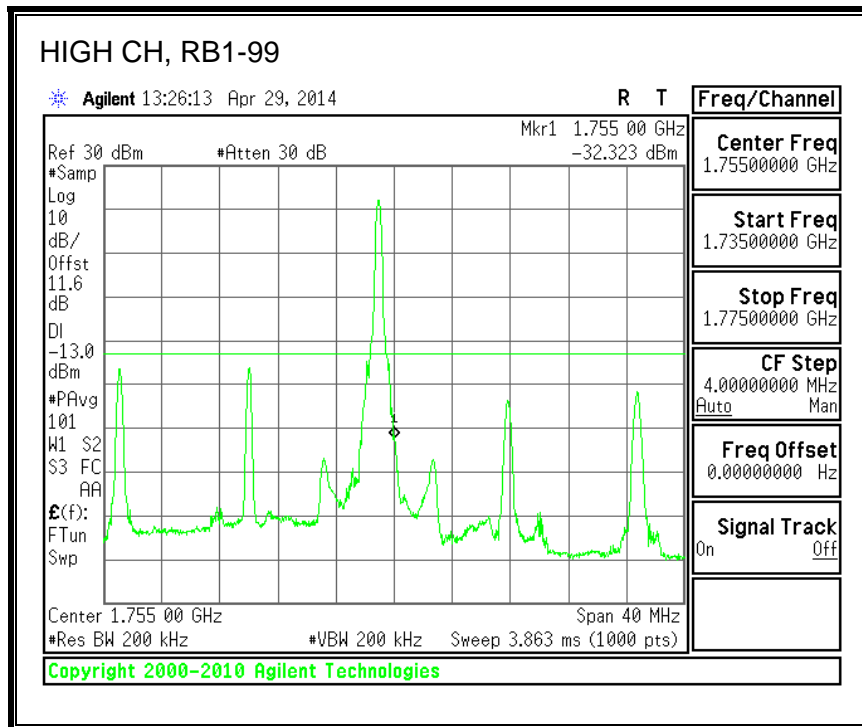
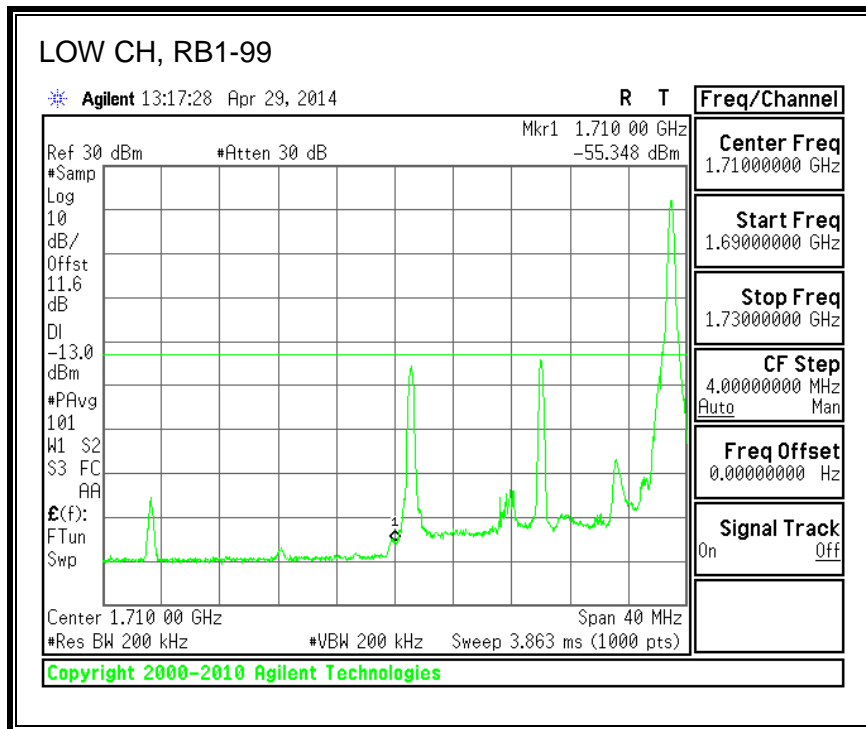


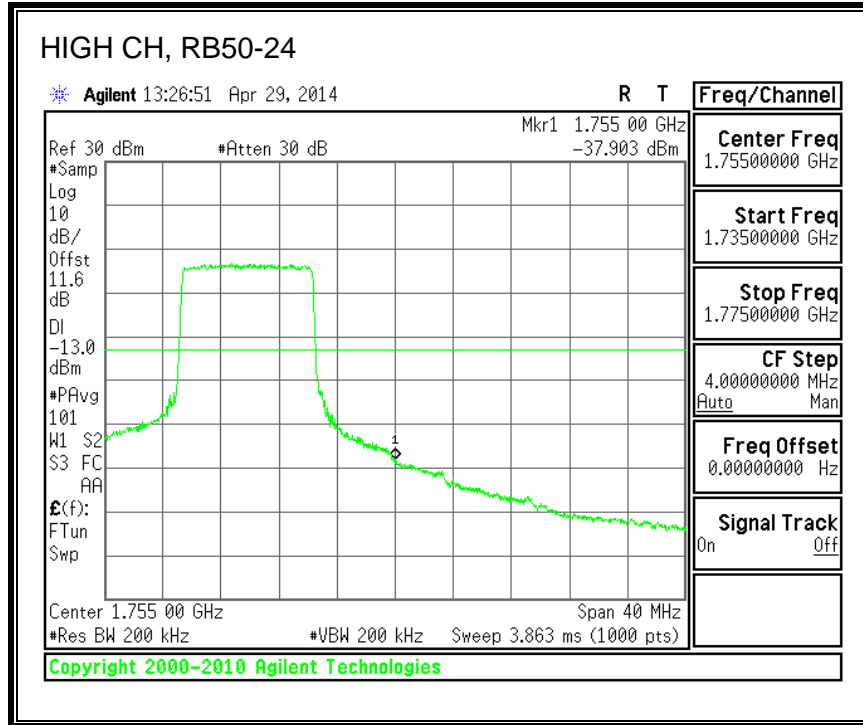
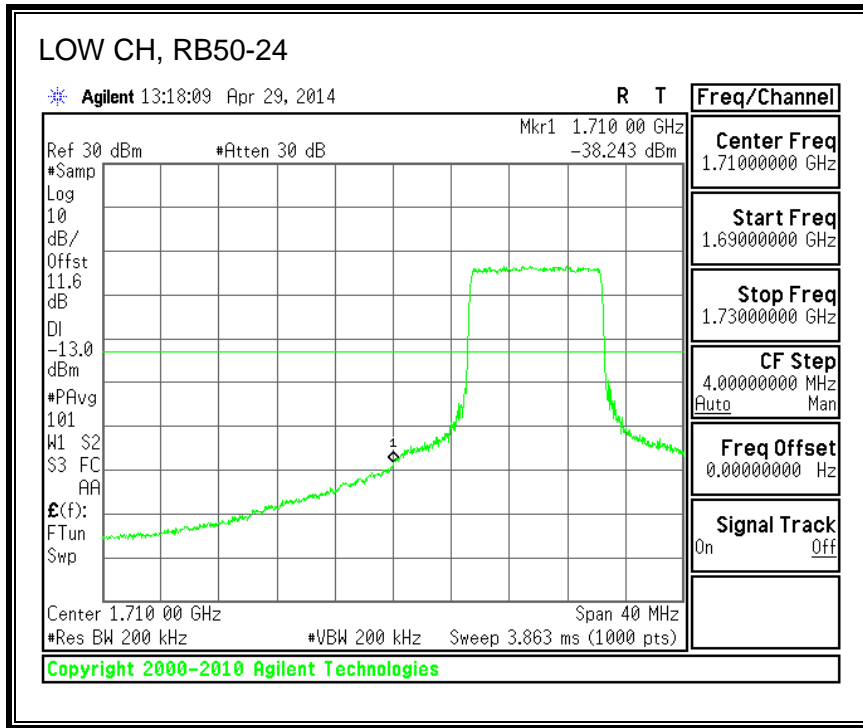


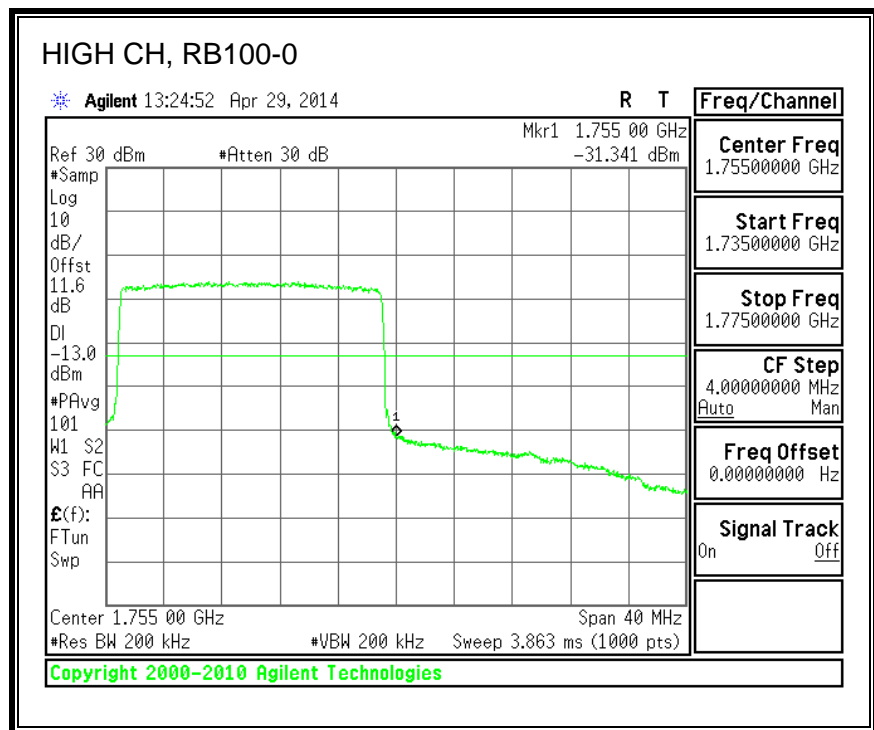
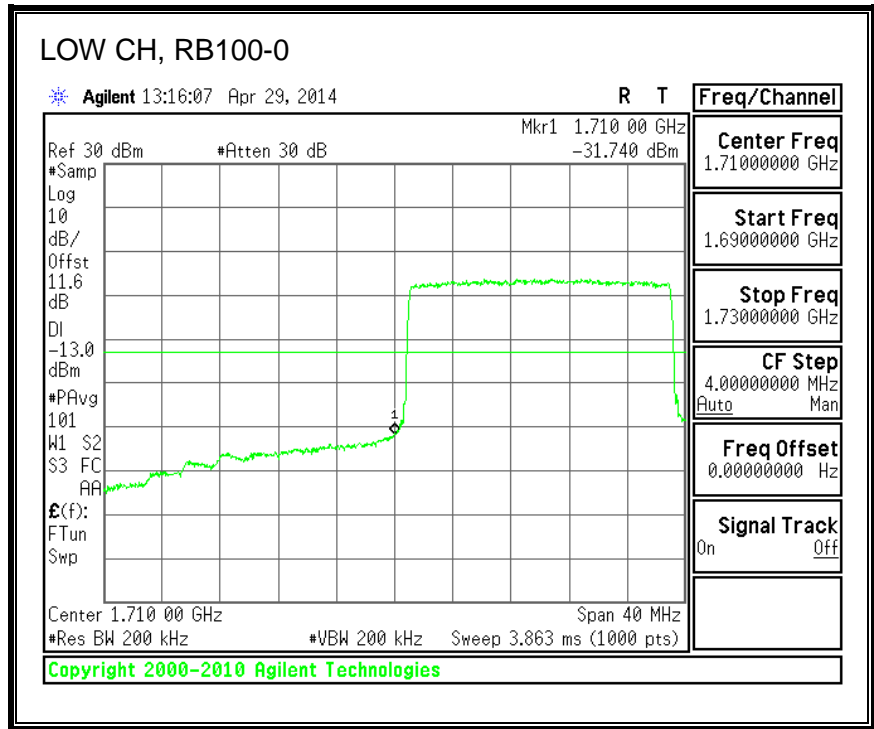


16QAM, (20.0 MHz BAND WIDTH)



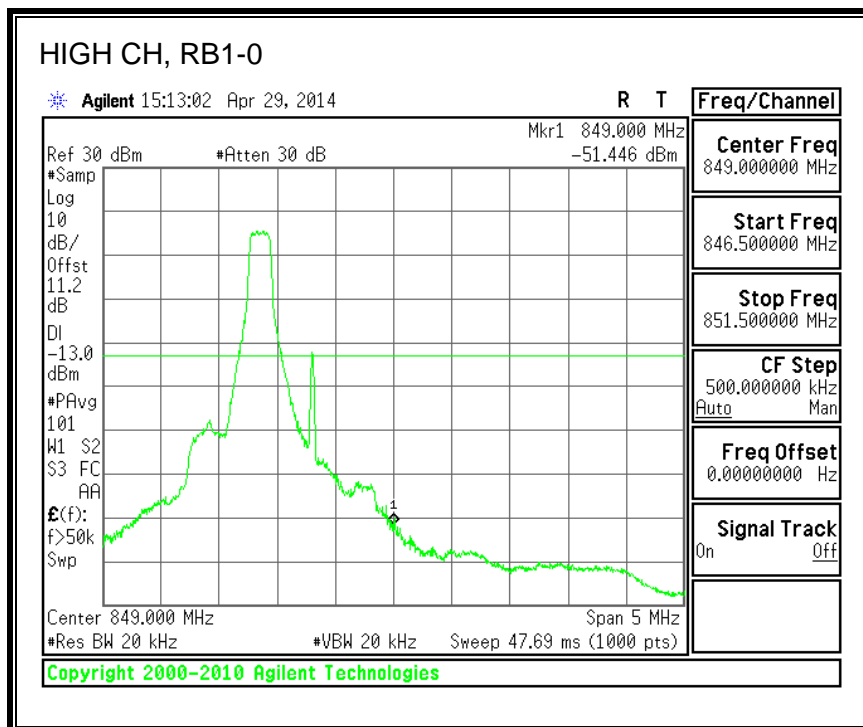
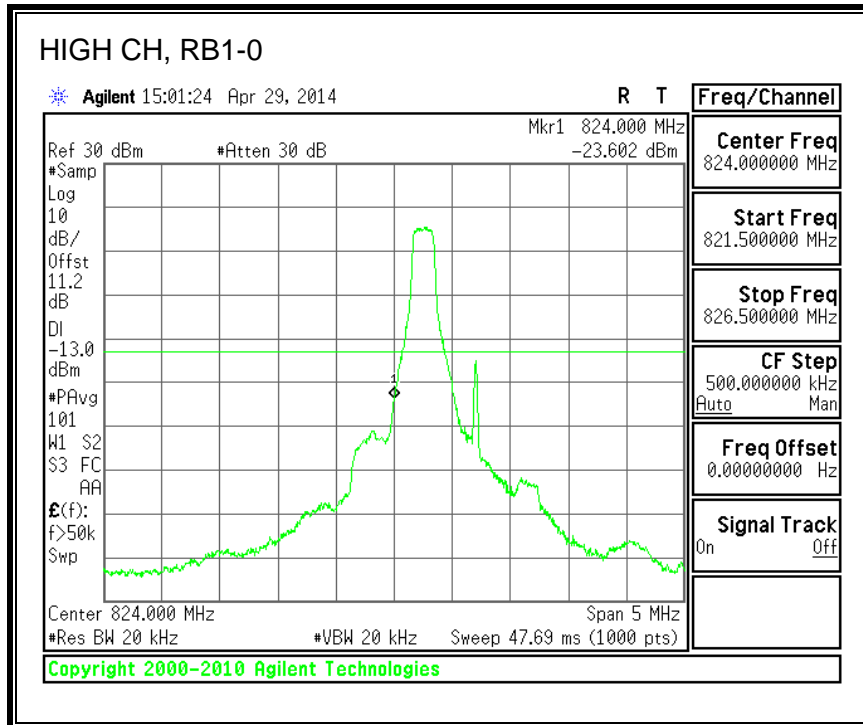


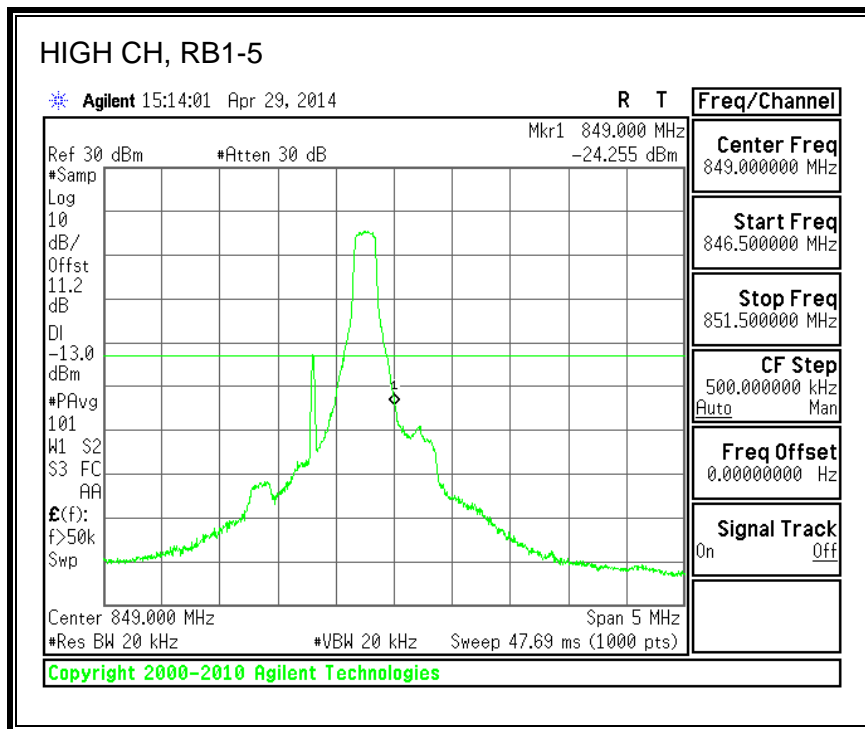
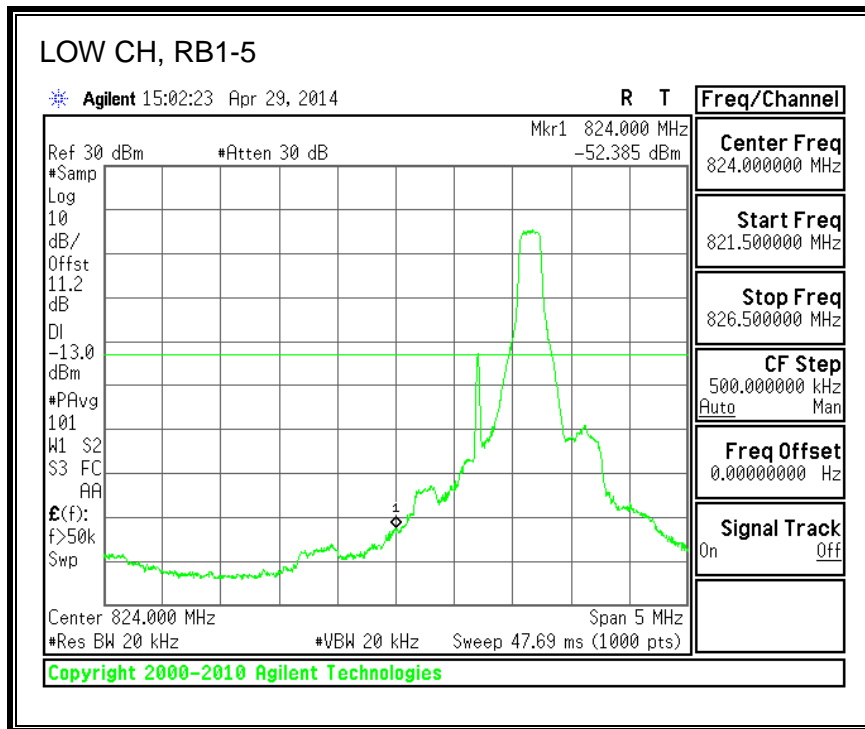


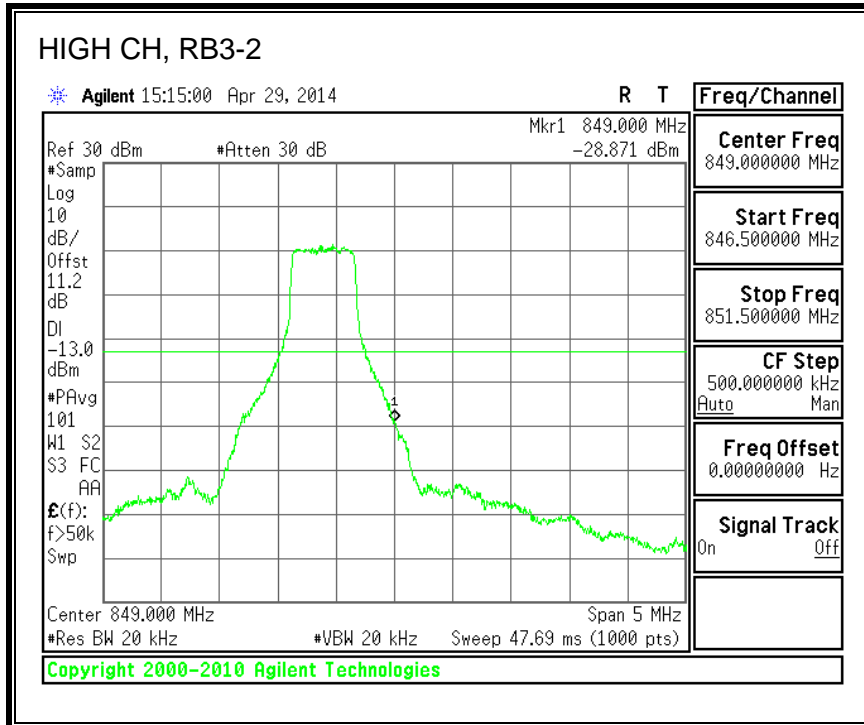
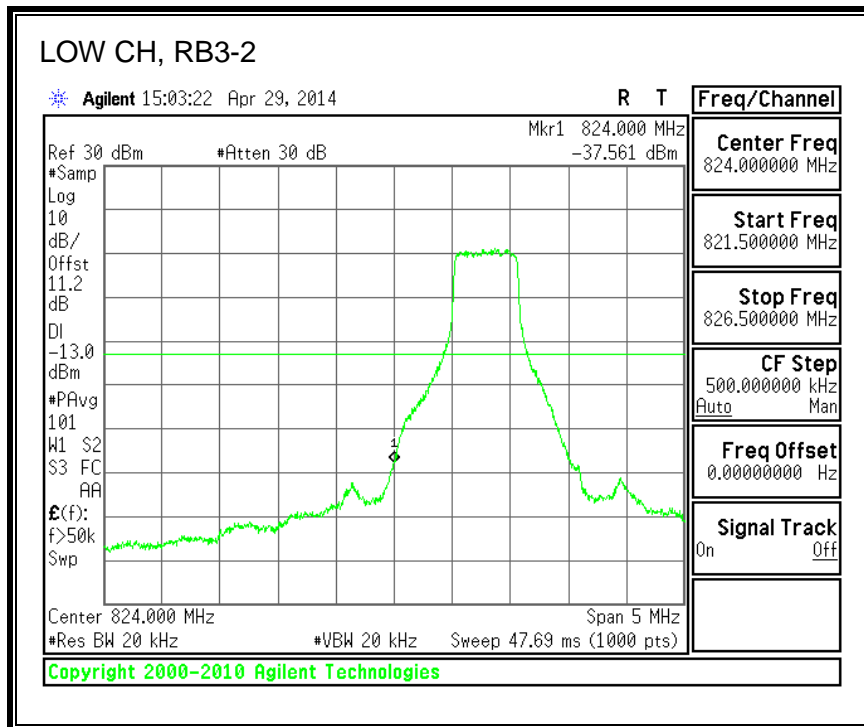


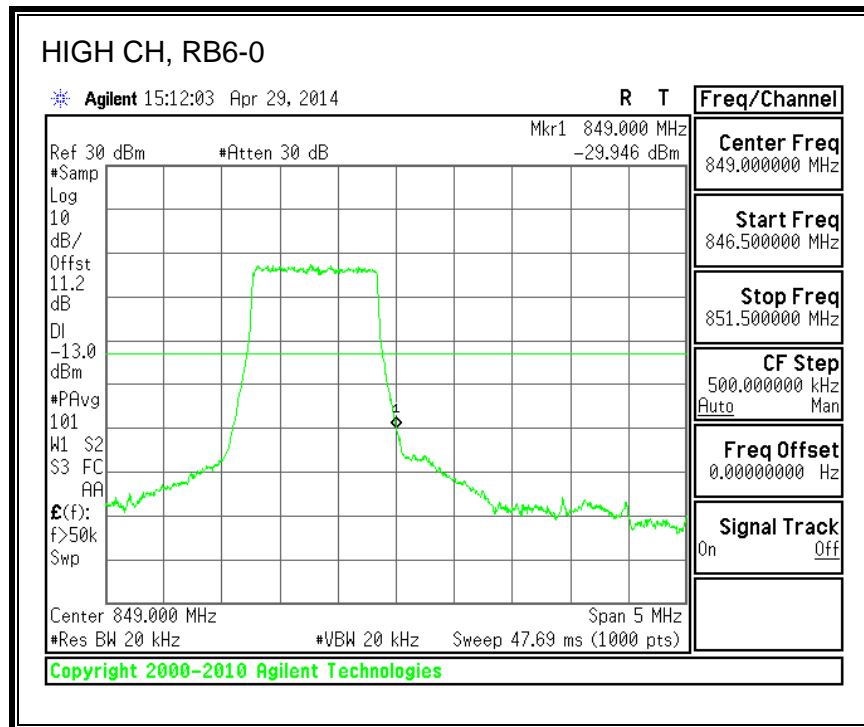
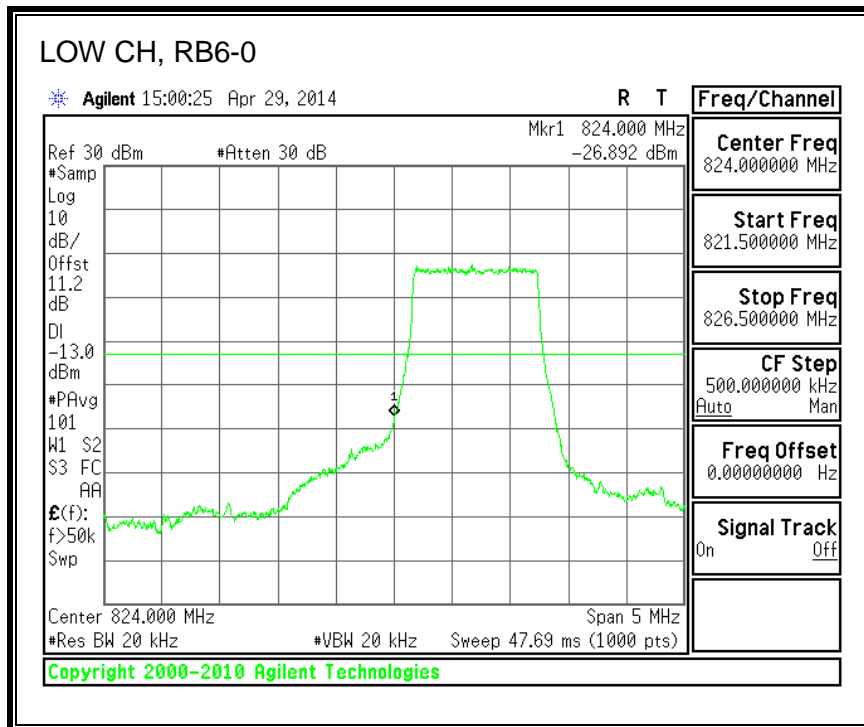
8.2.3. LTE BAND 5 BANDEDGE

QPSK, (1.4 MHz BAND WIDTH)

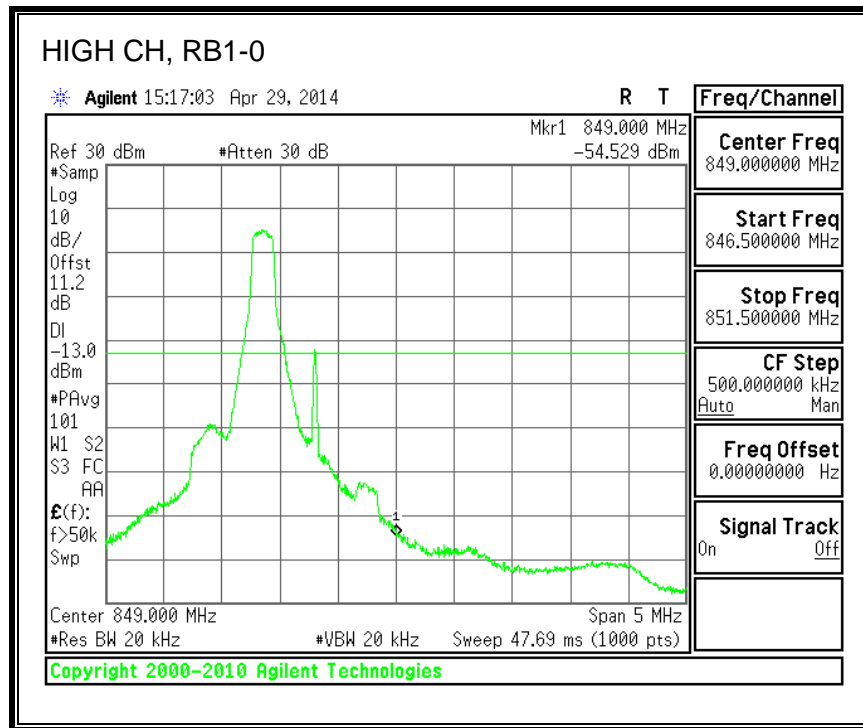
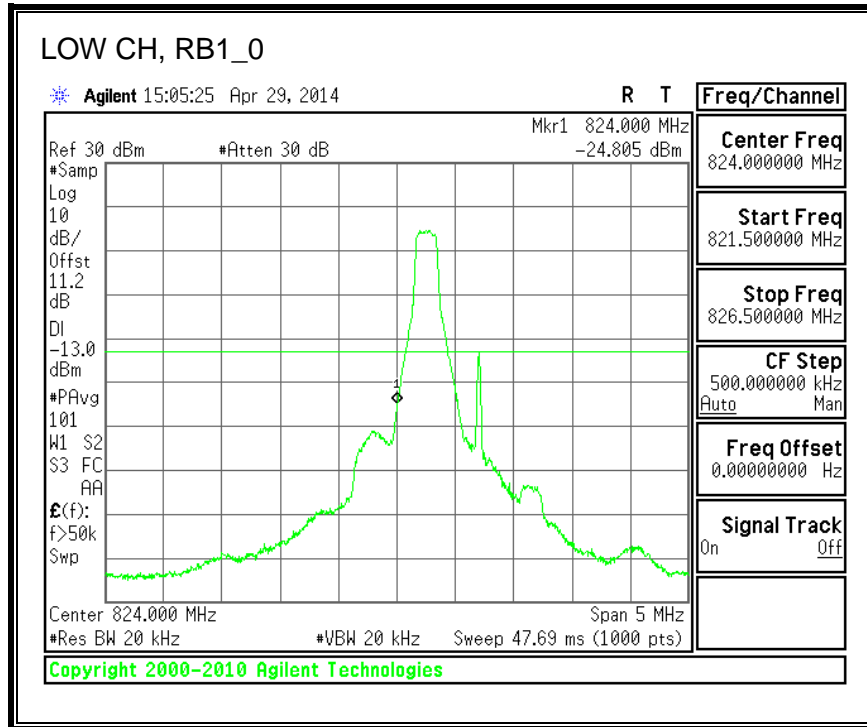


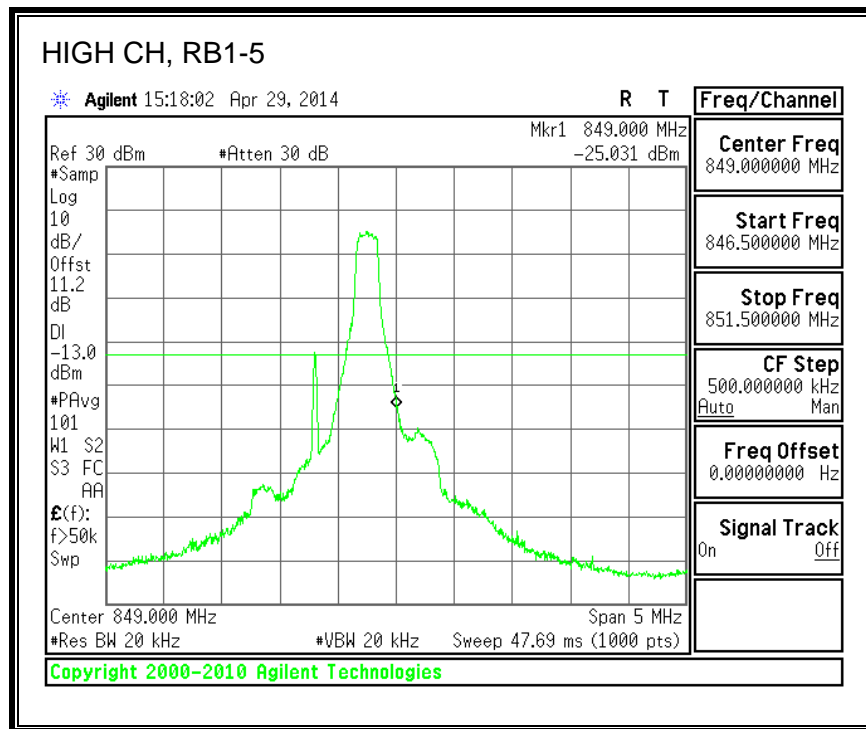
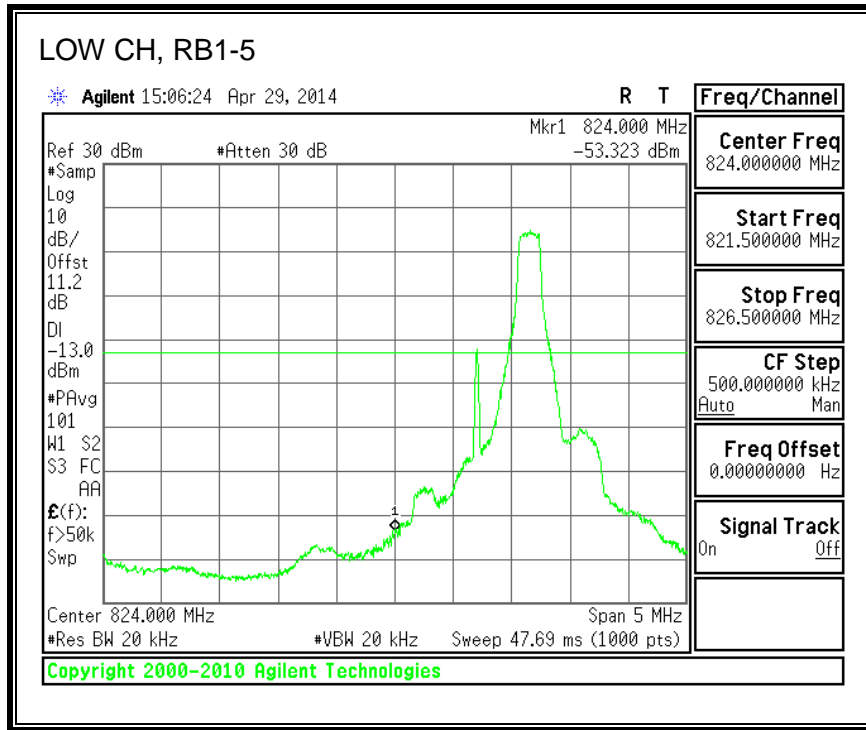


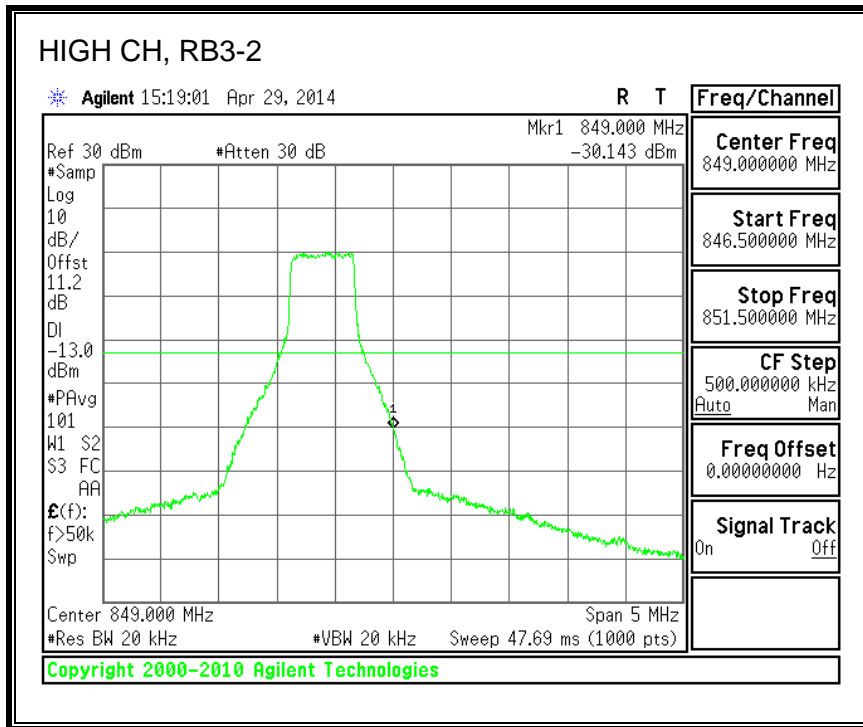
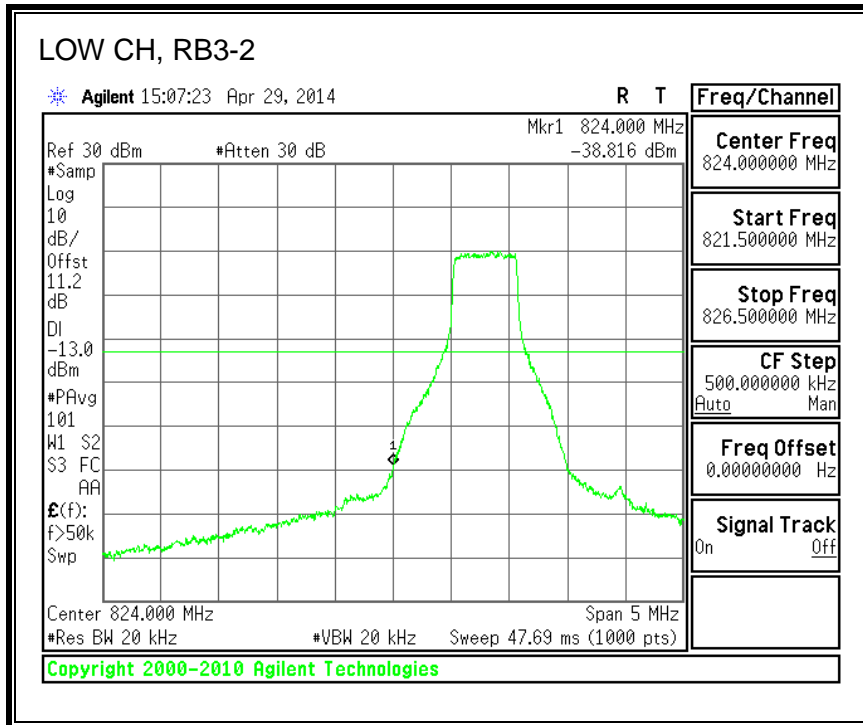


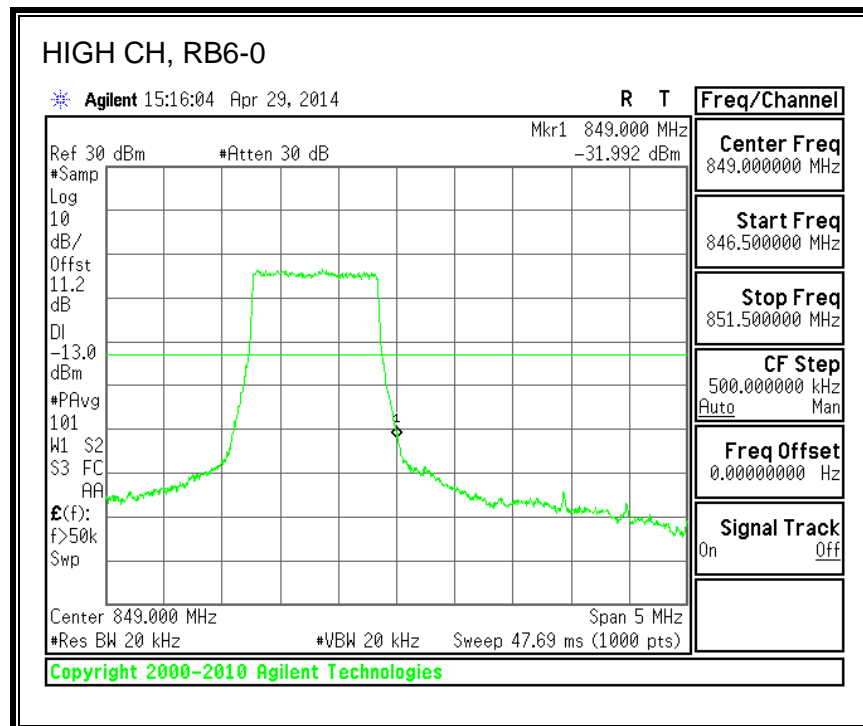
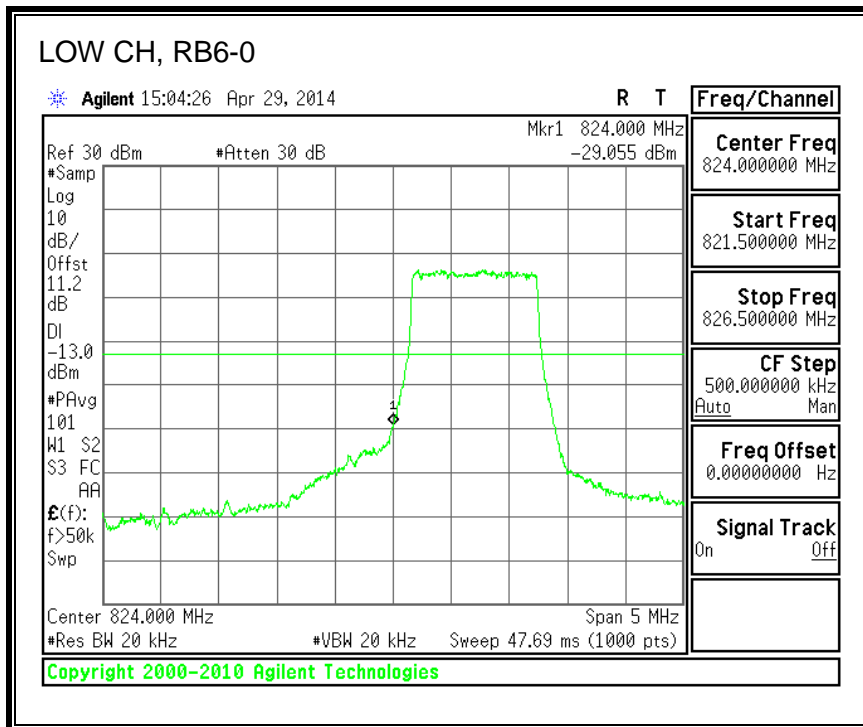


16QAM, (1.4 MHz BAND WIDTH)

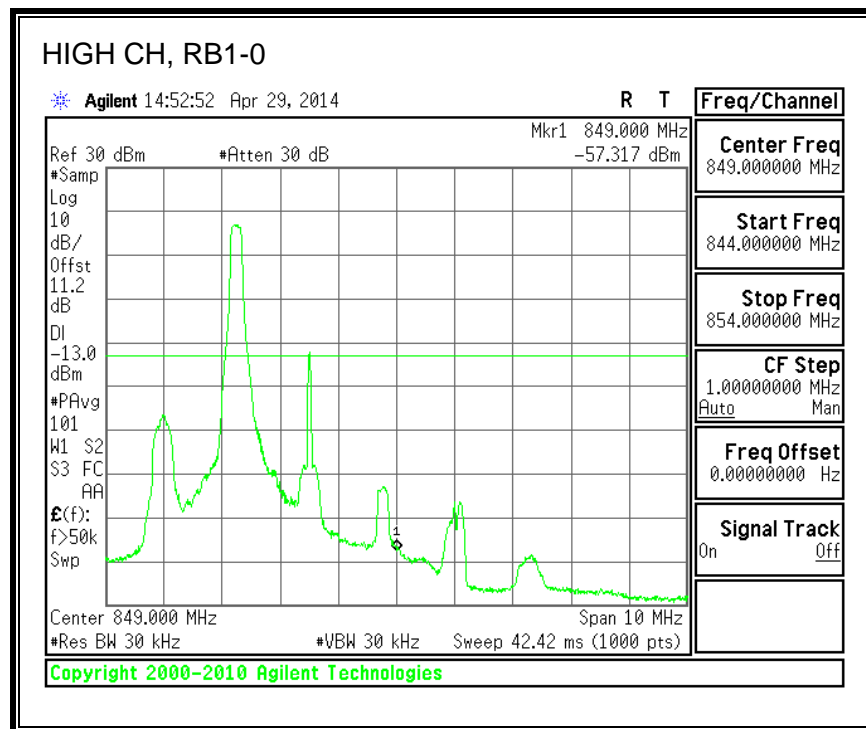
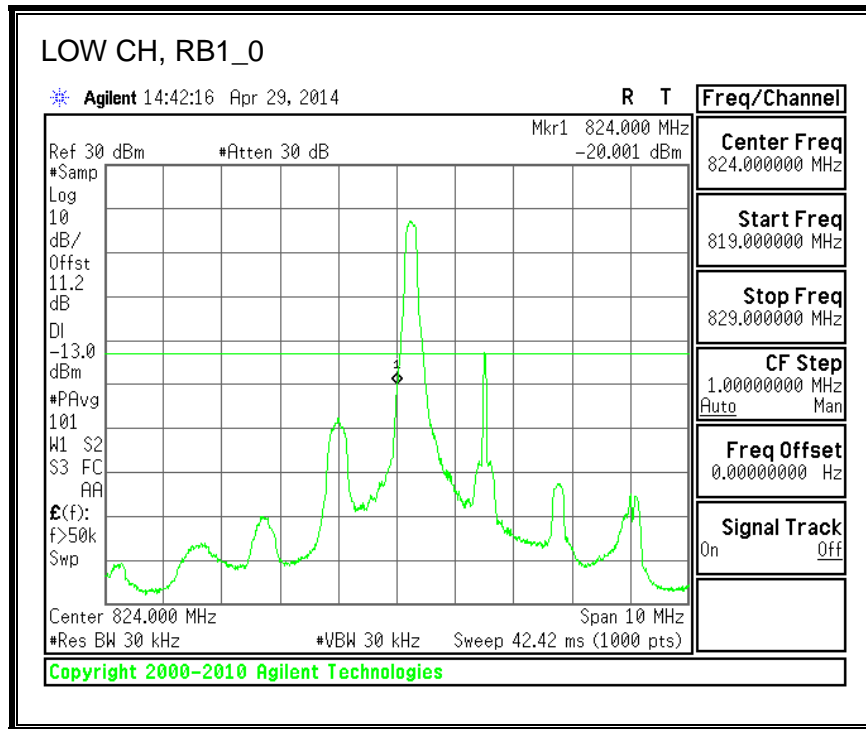


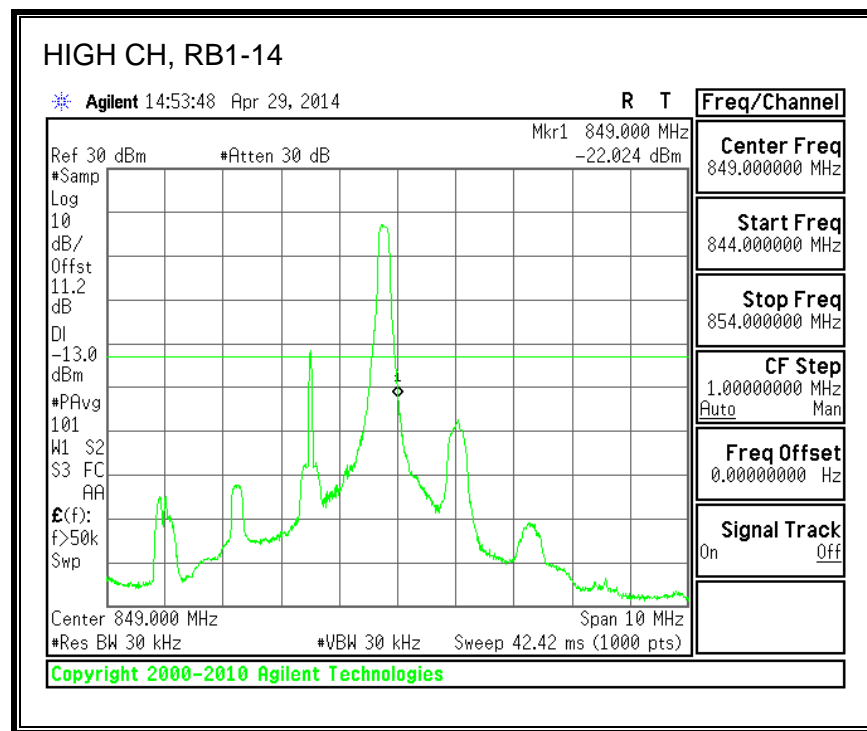
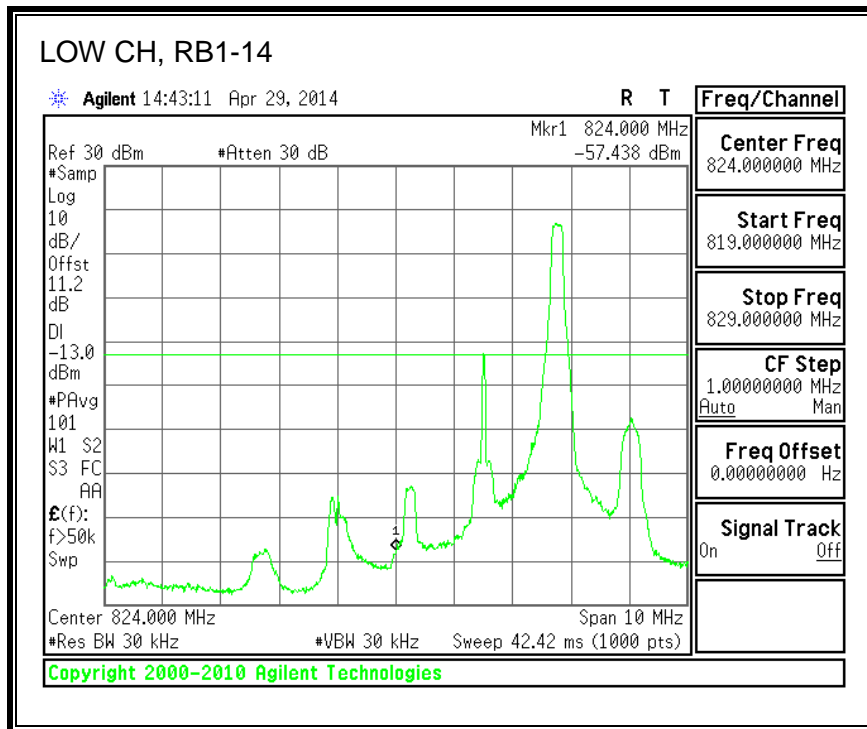


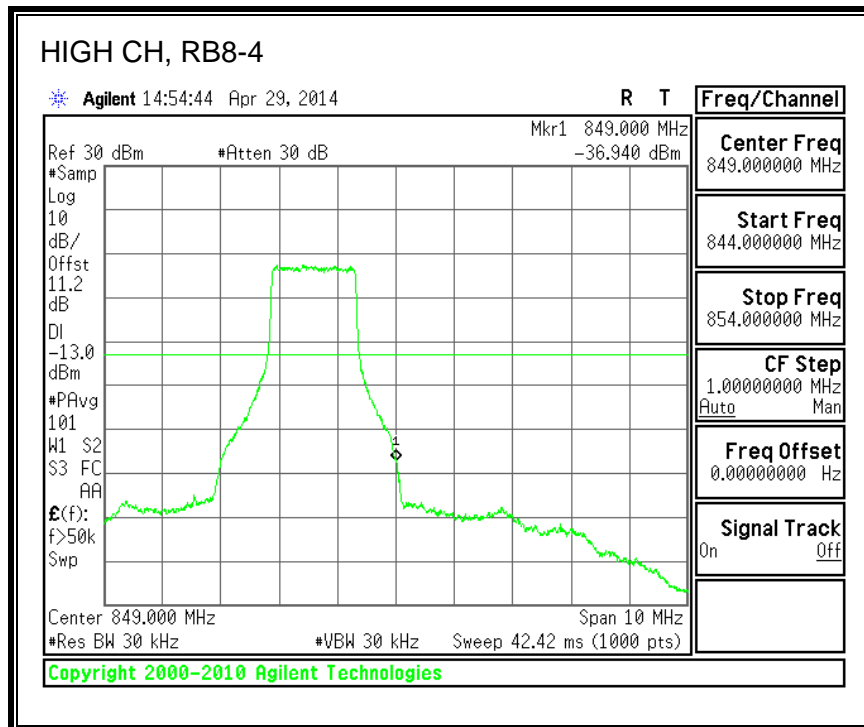
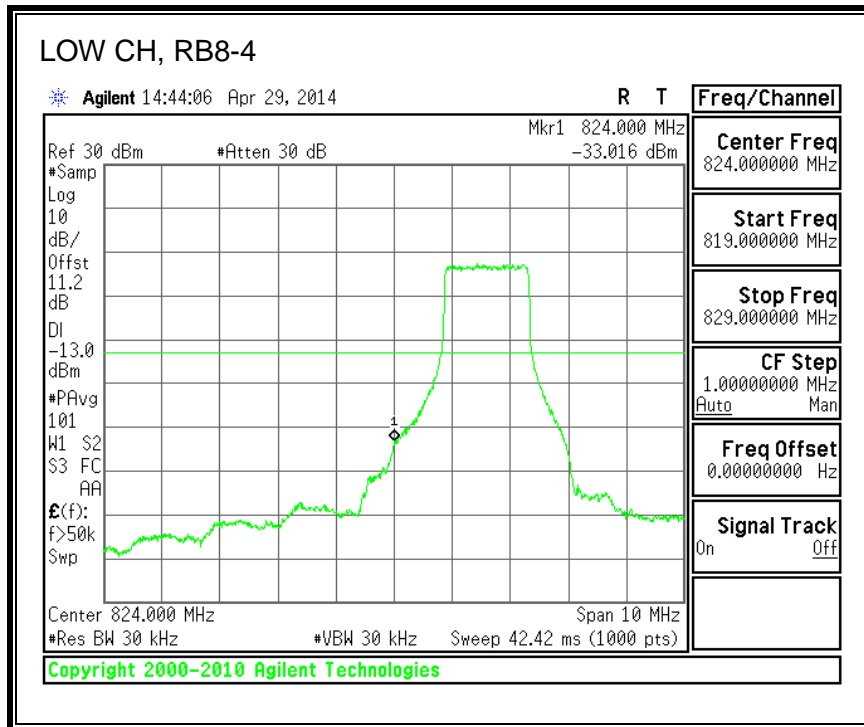


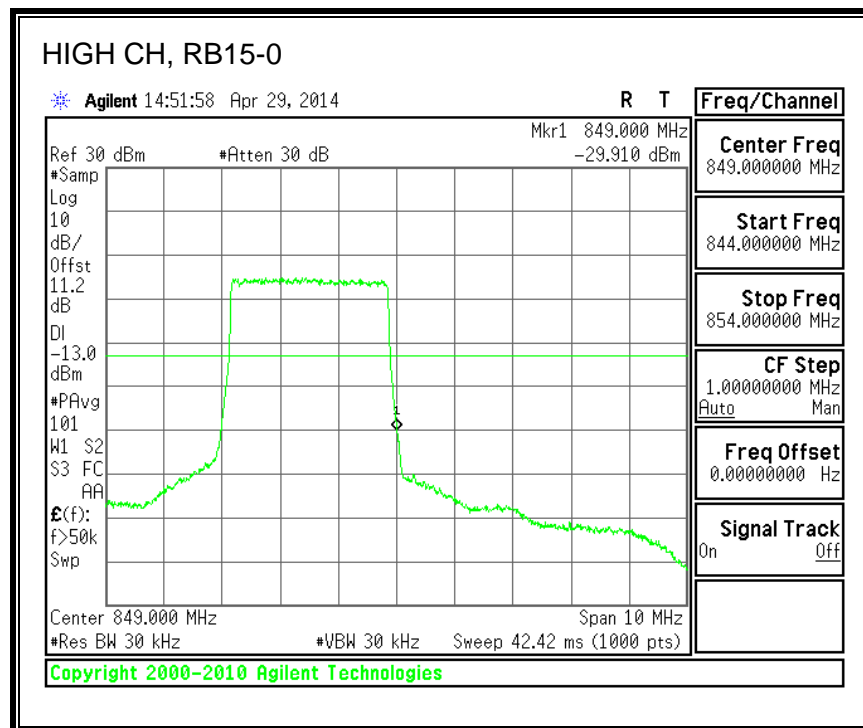
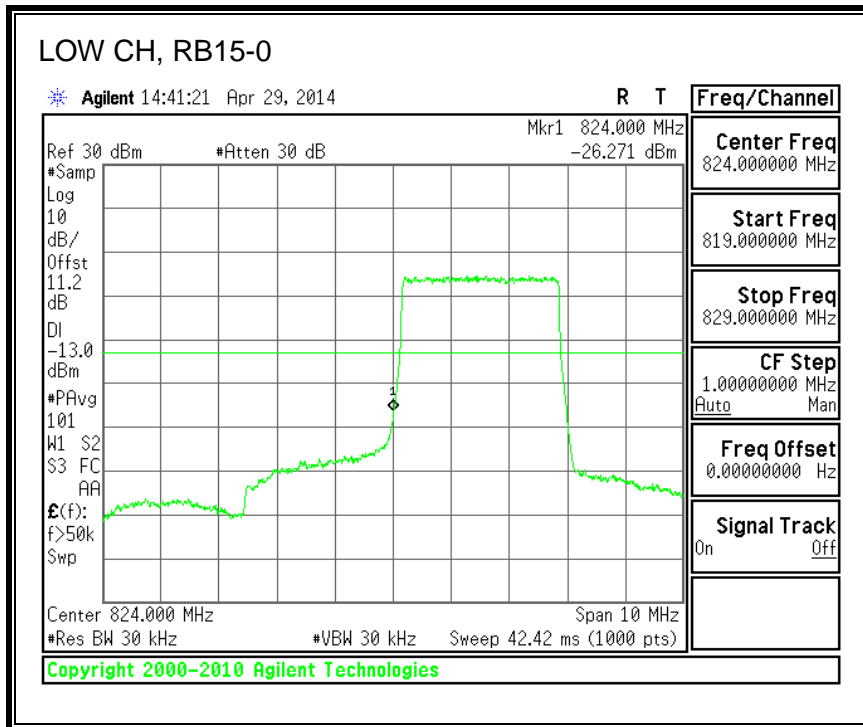


QPSK, (3.0 MHz BAND WIDTH)

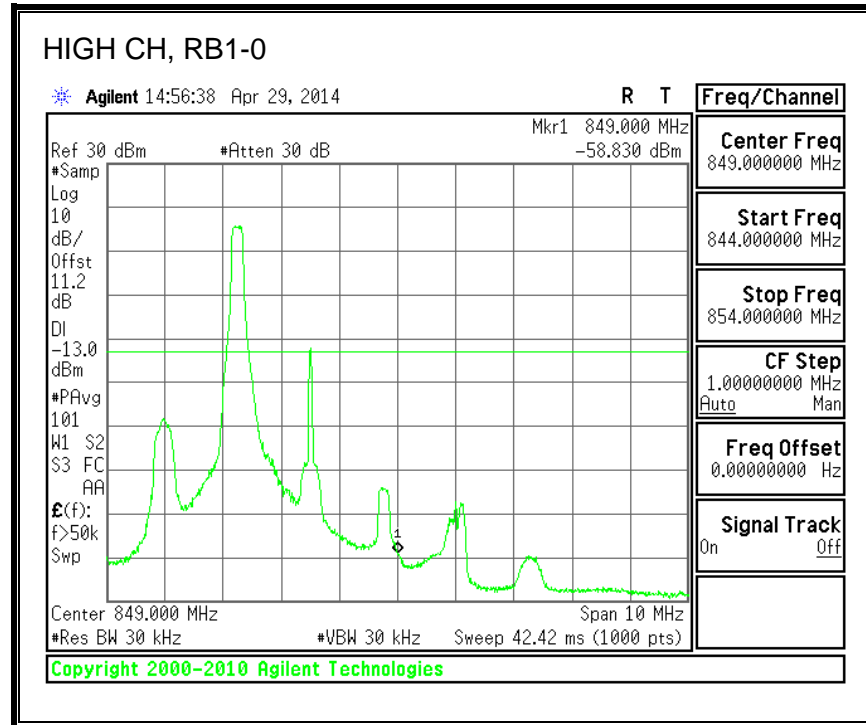
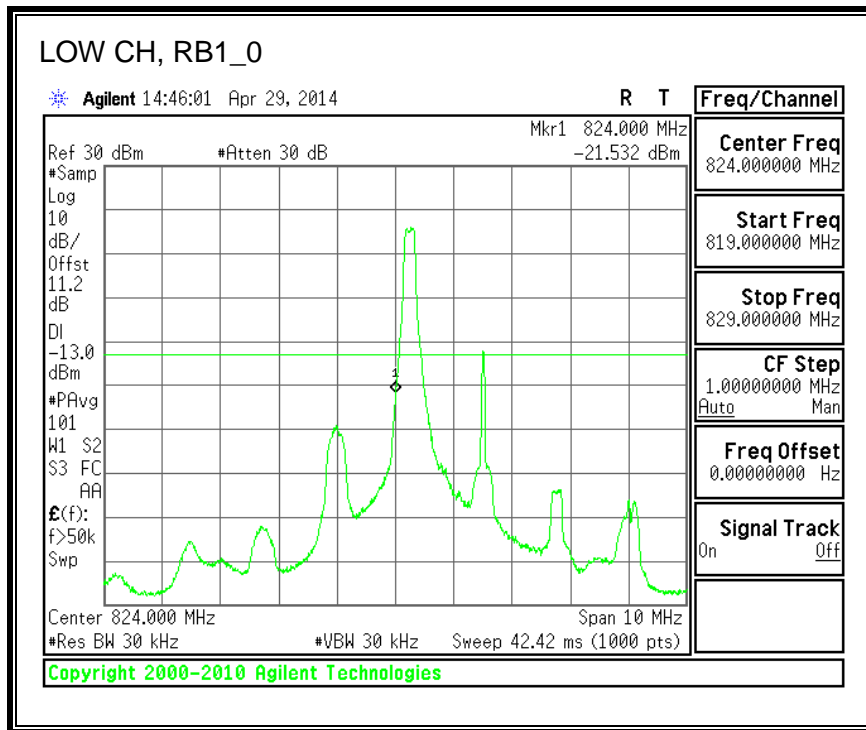


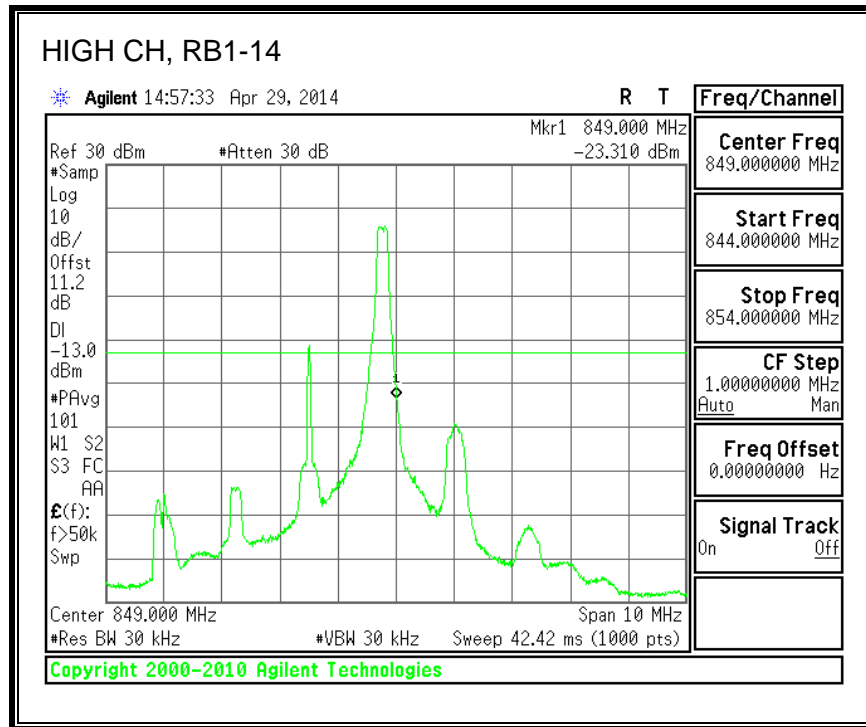
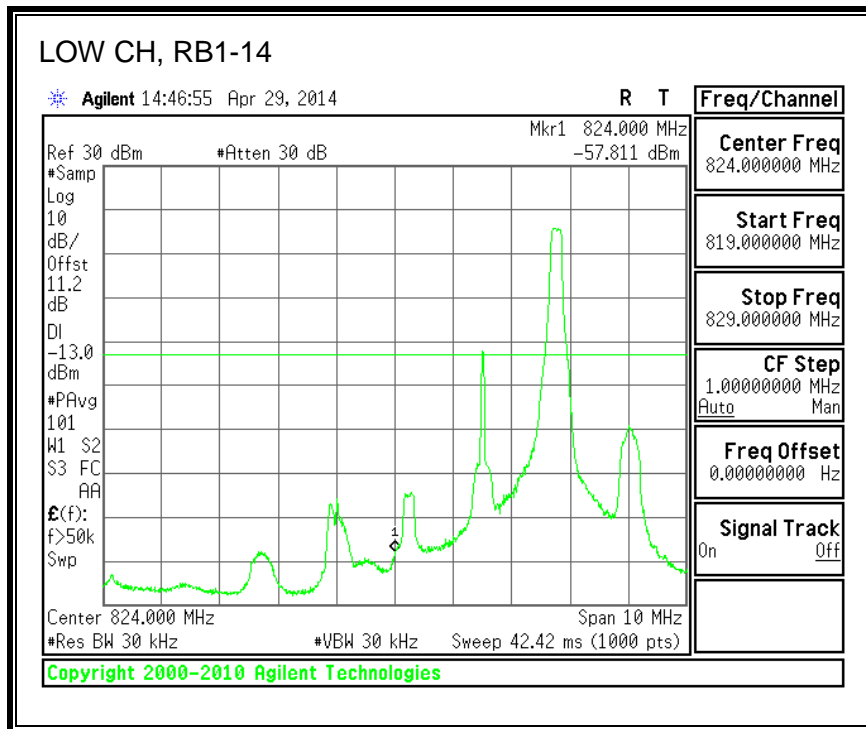


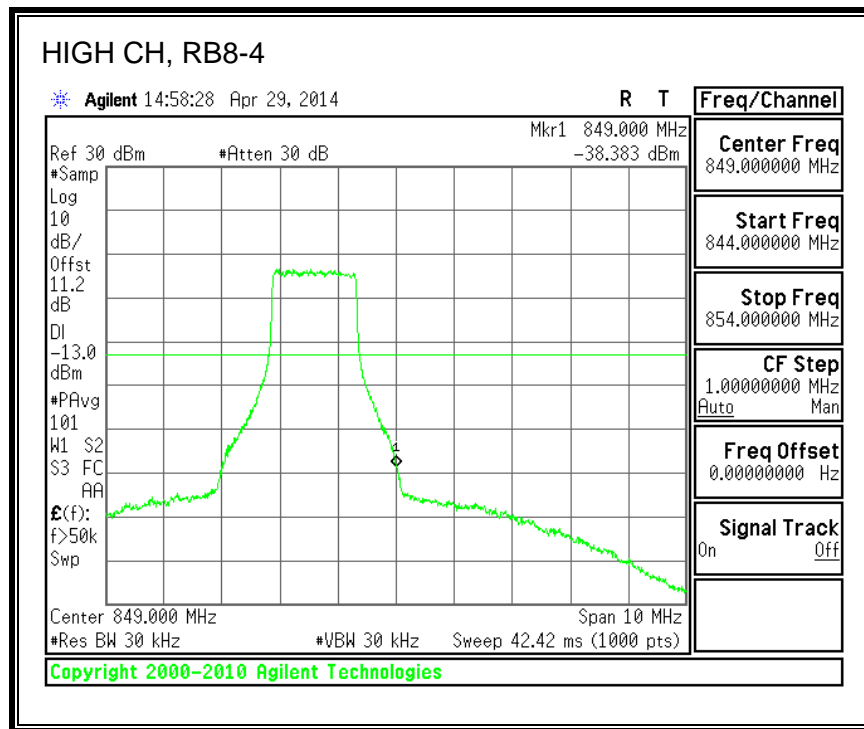
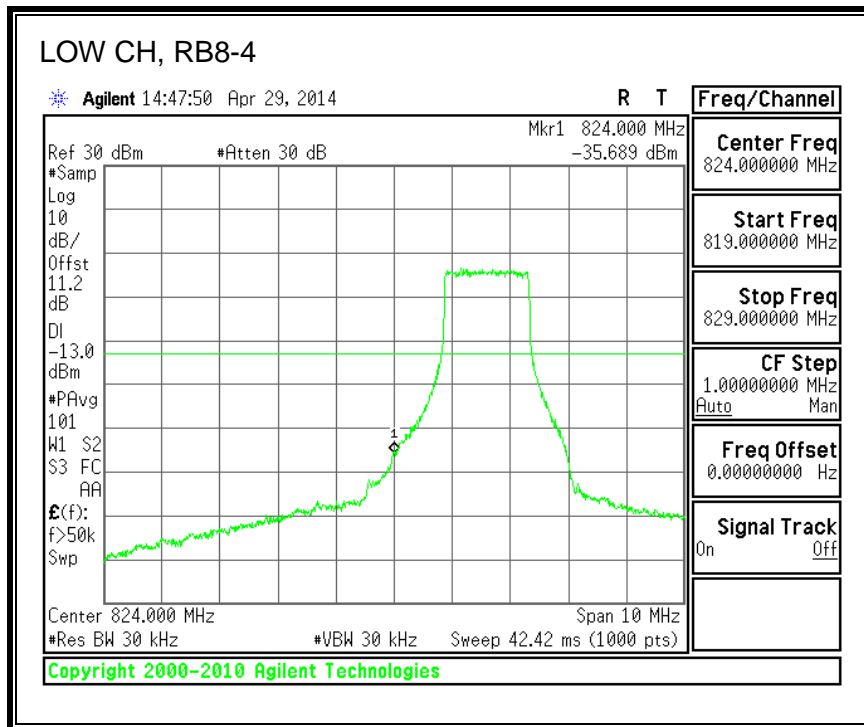


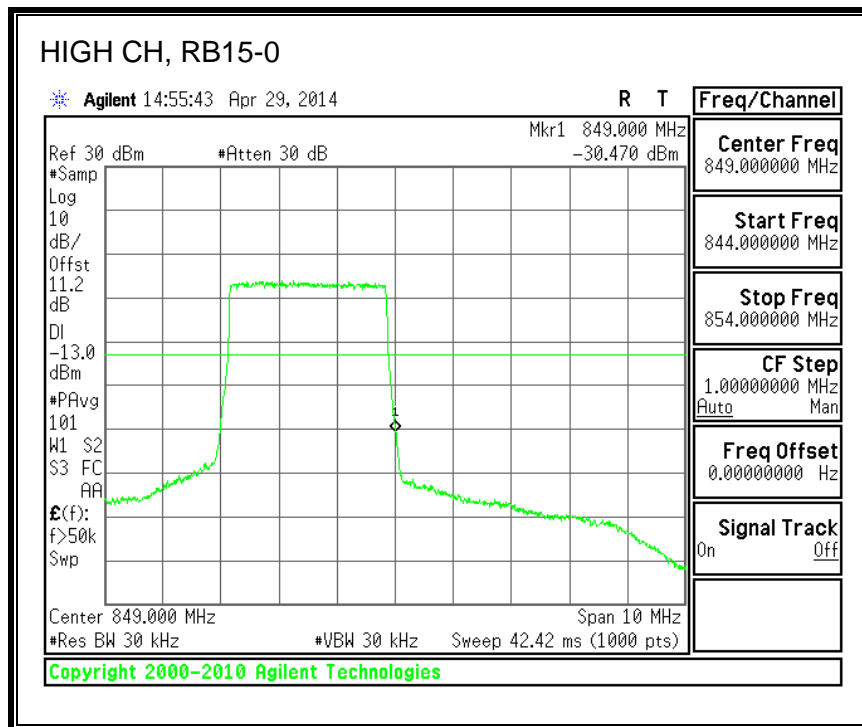
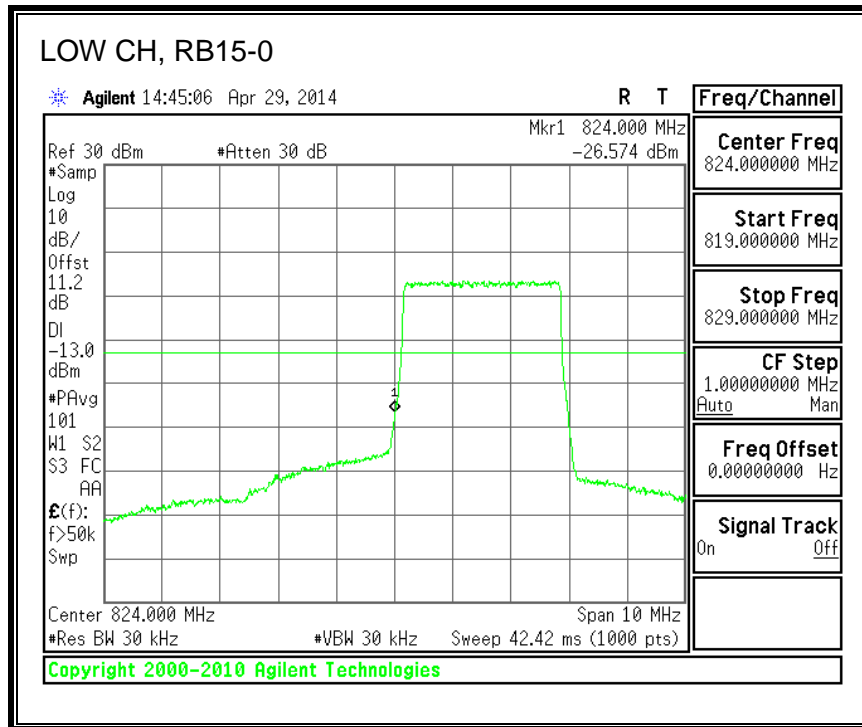


16QAM, (3.0 MHz BAND WIDTH)

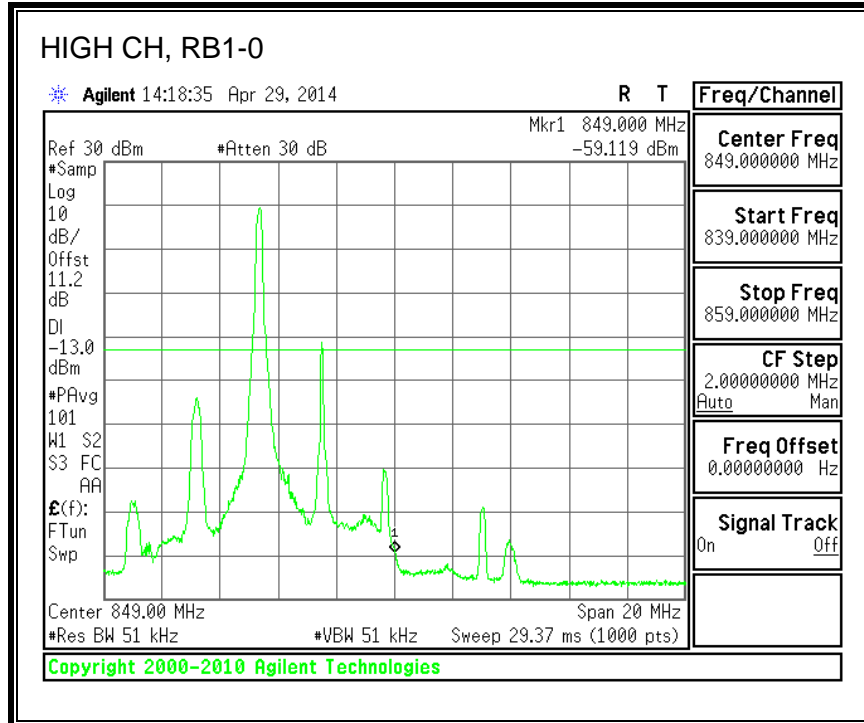
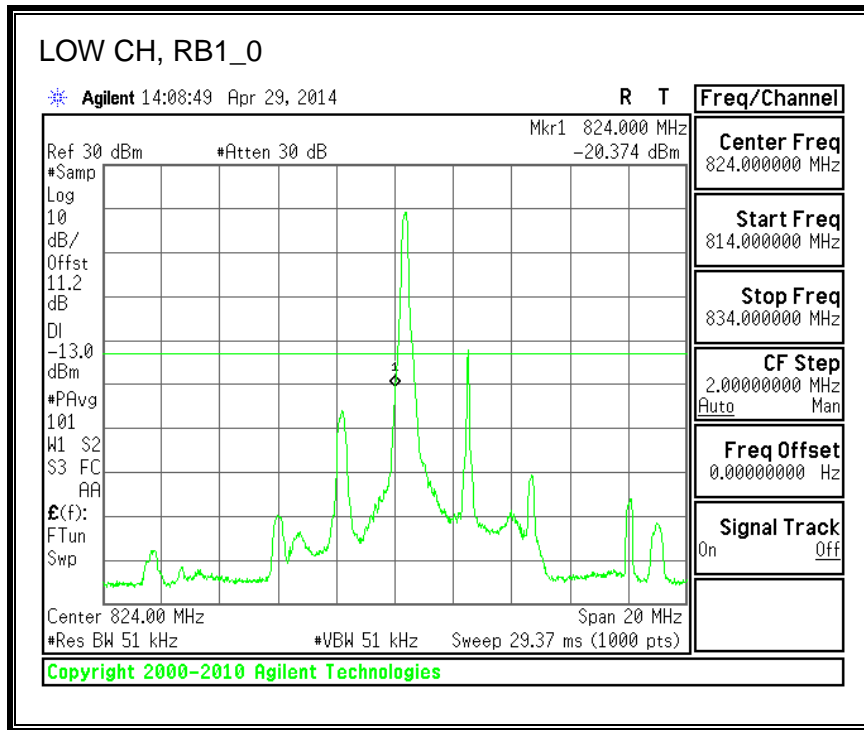


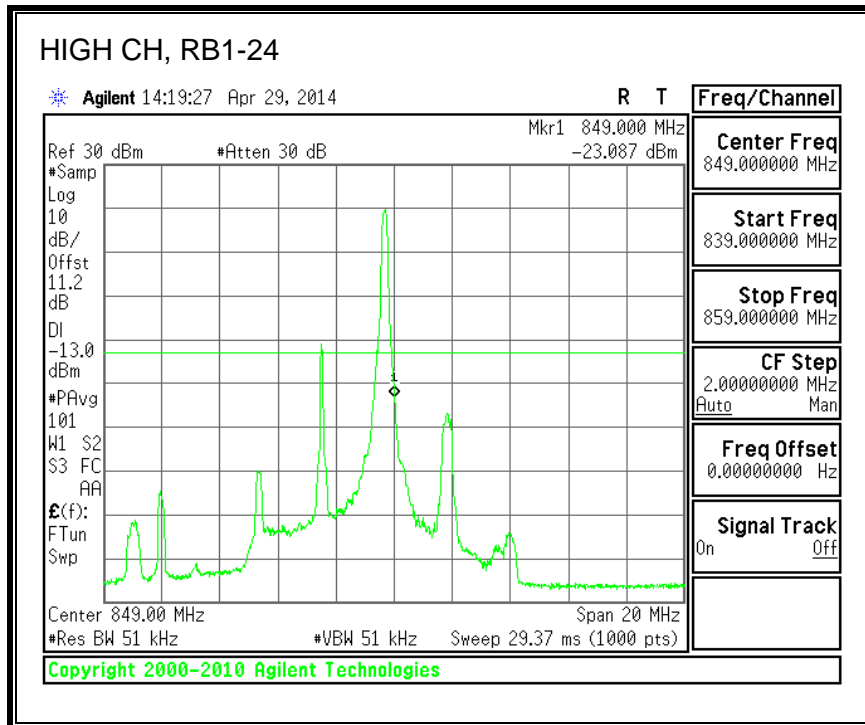
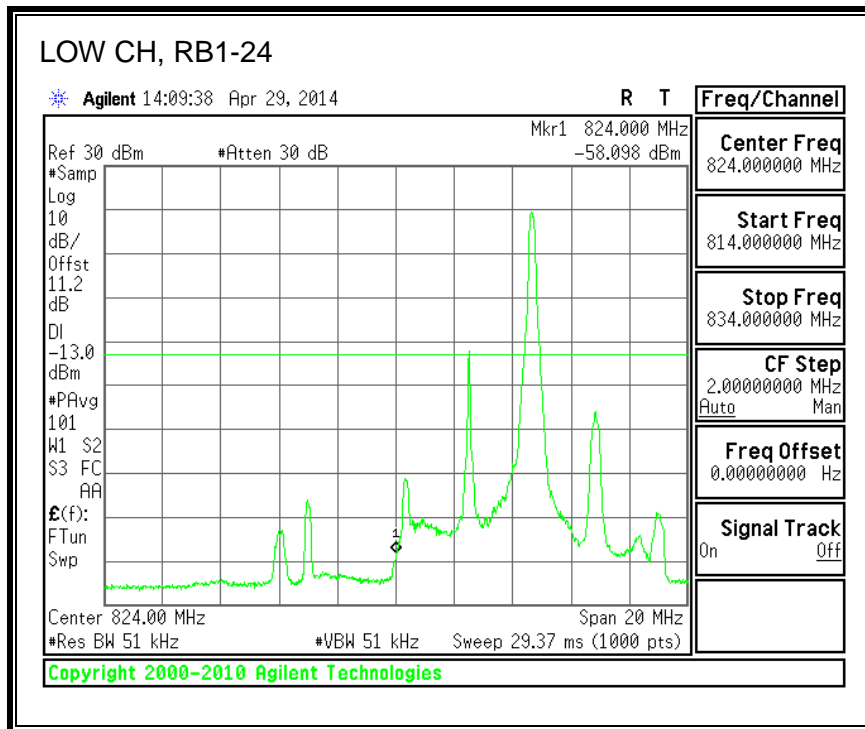


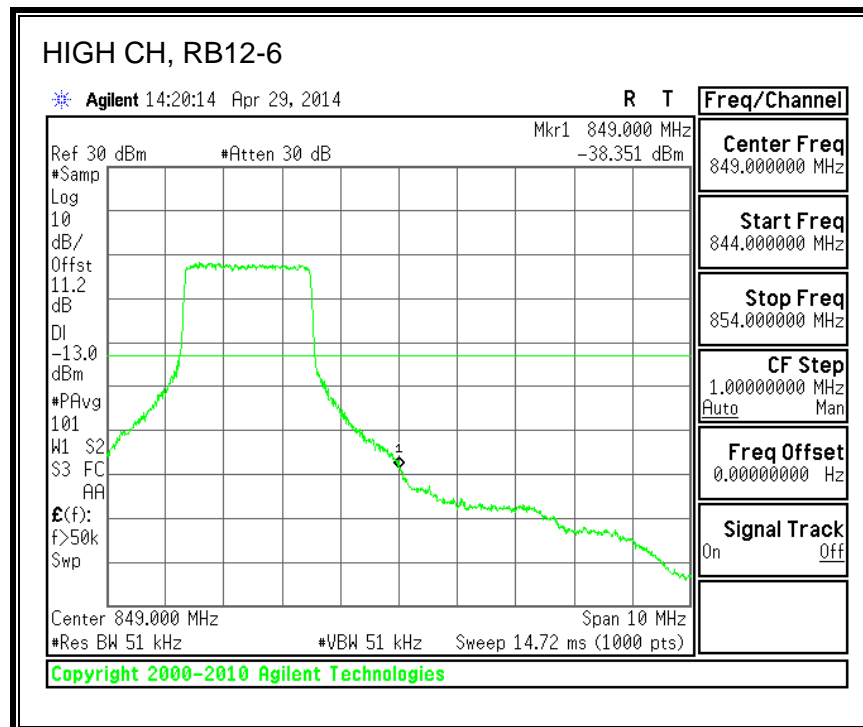
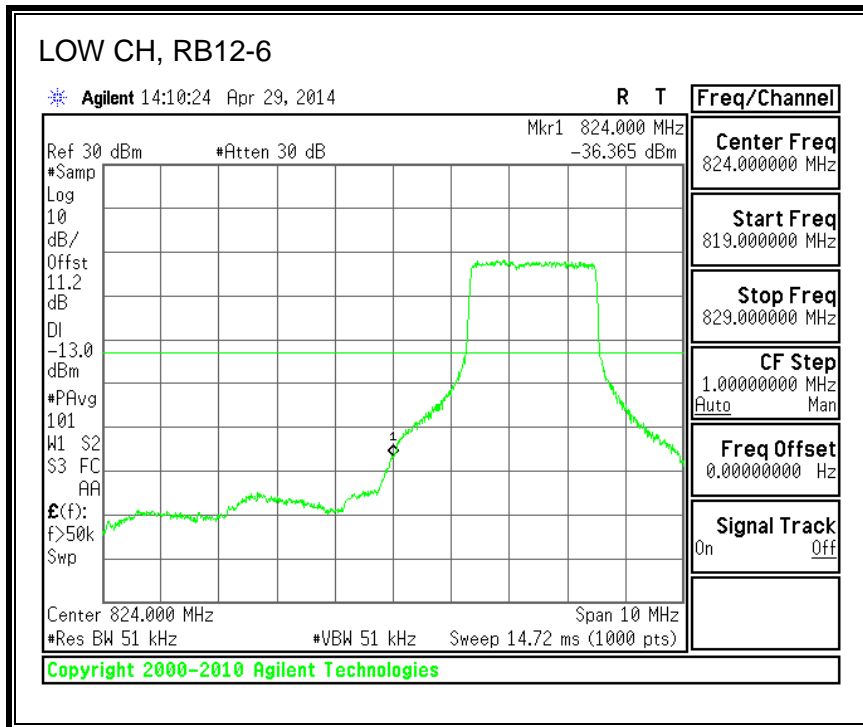


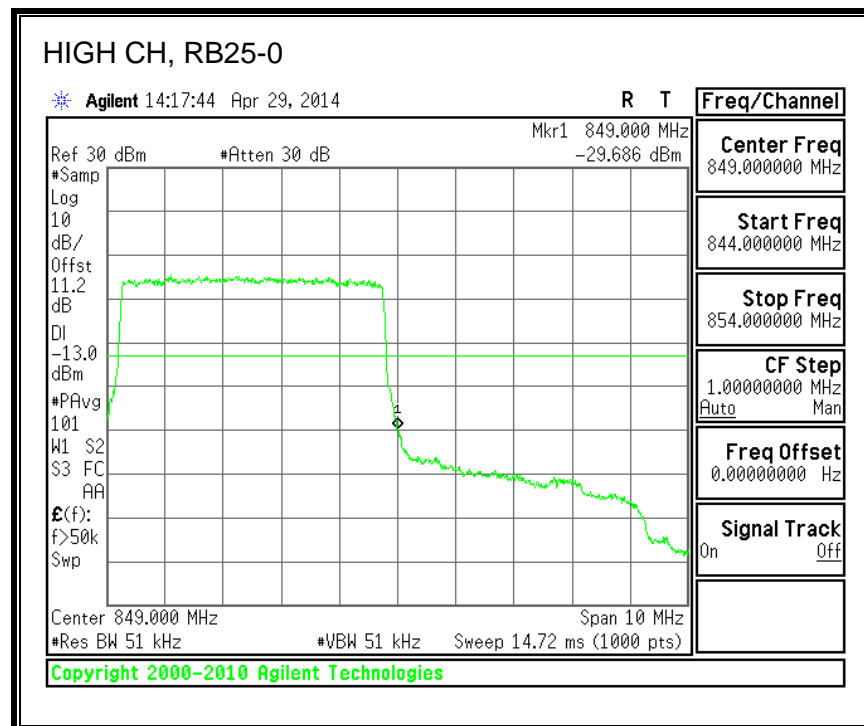
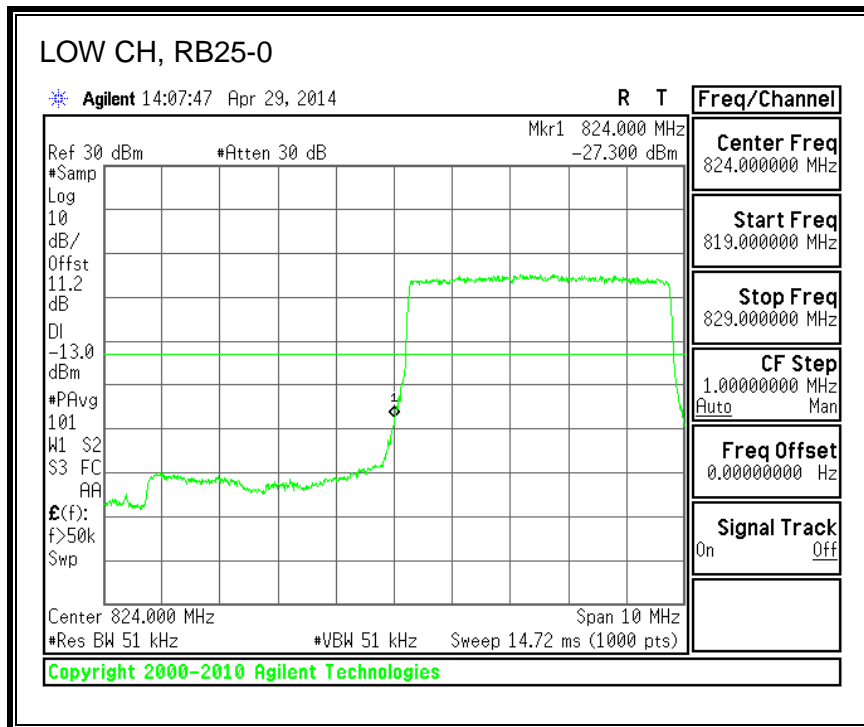


QPSK, (5.0 MHz BAND WIDTH)

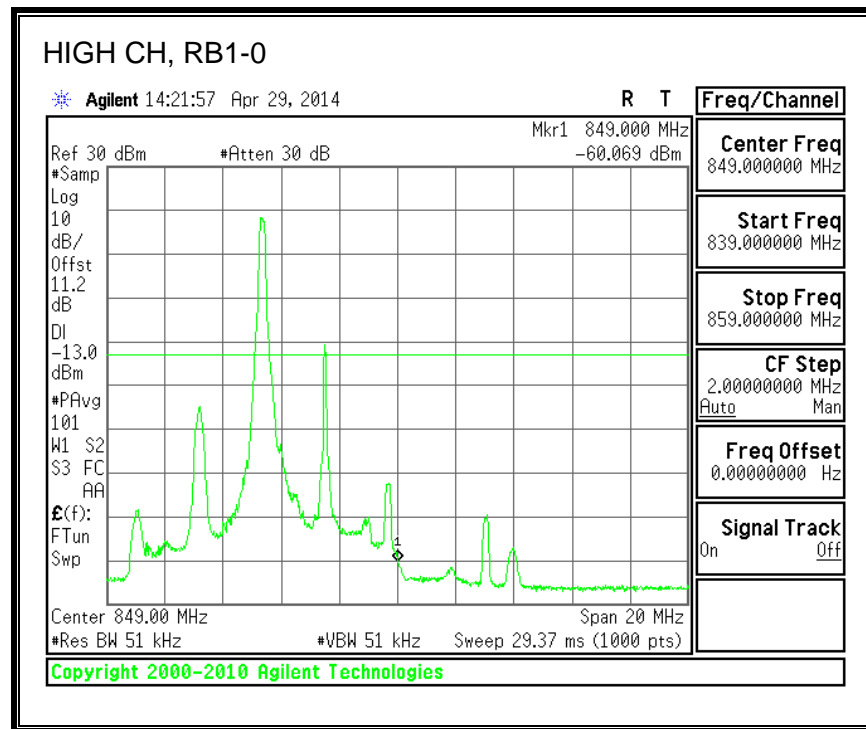
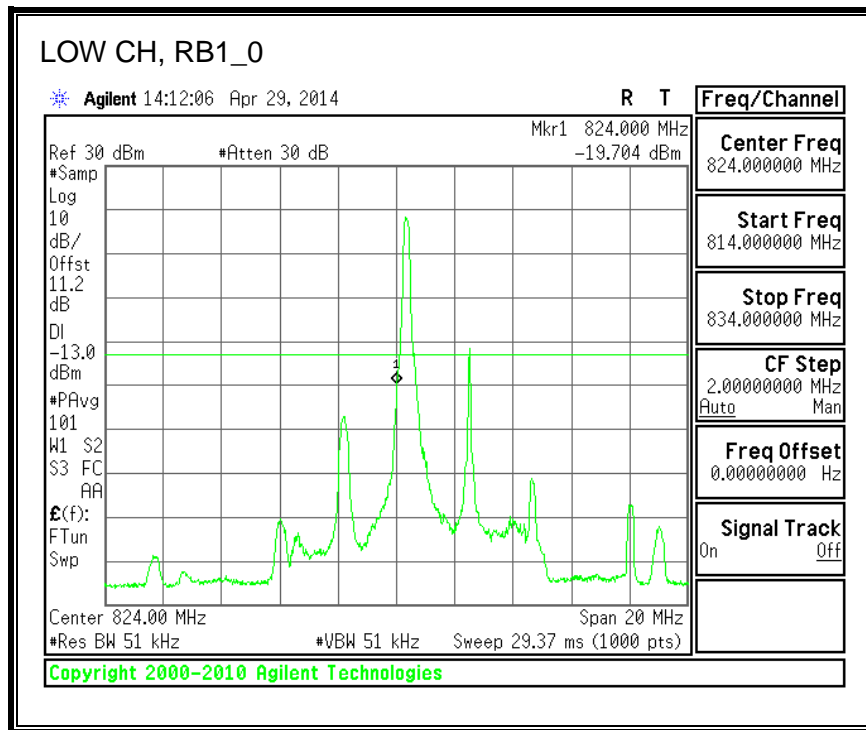


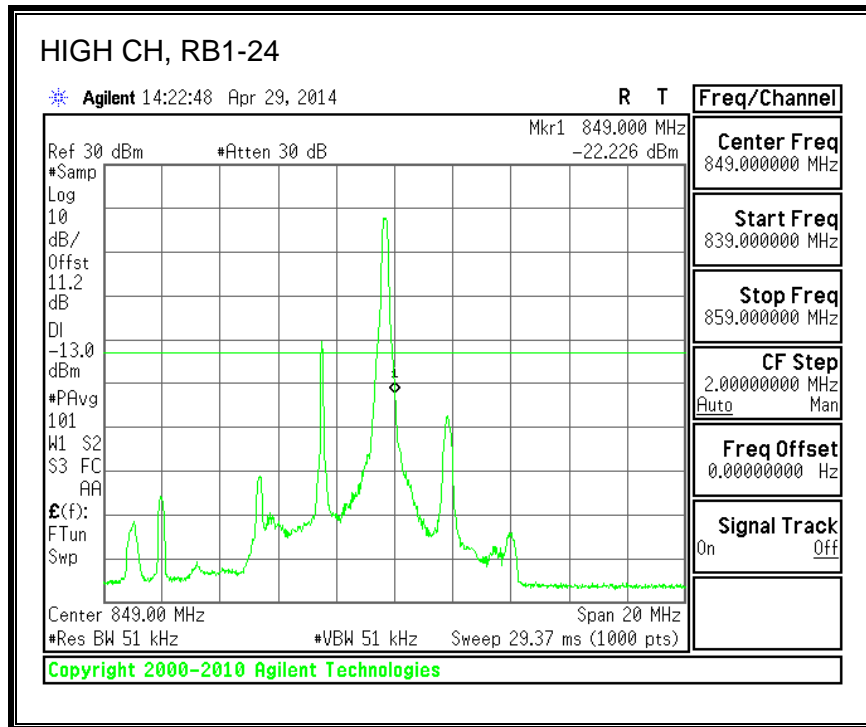
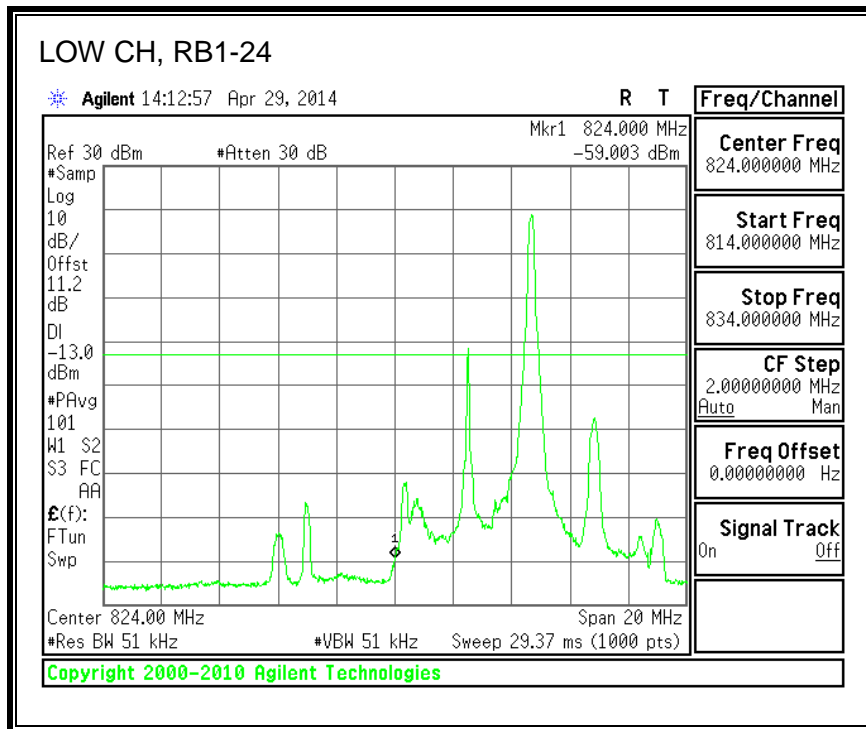


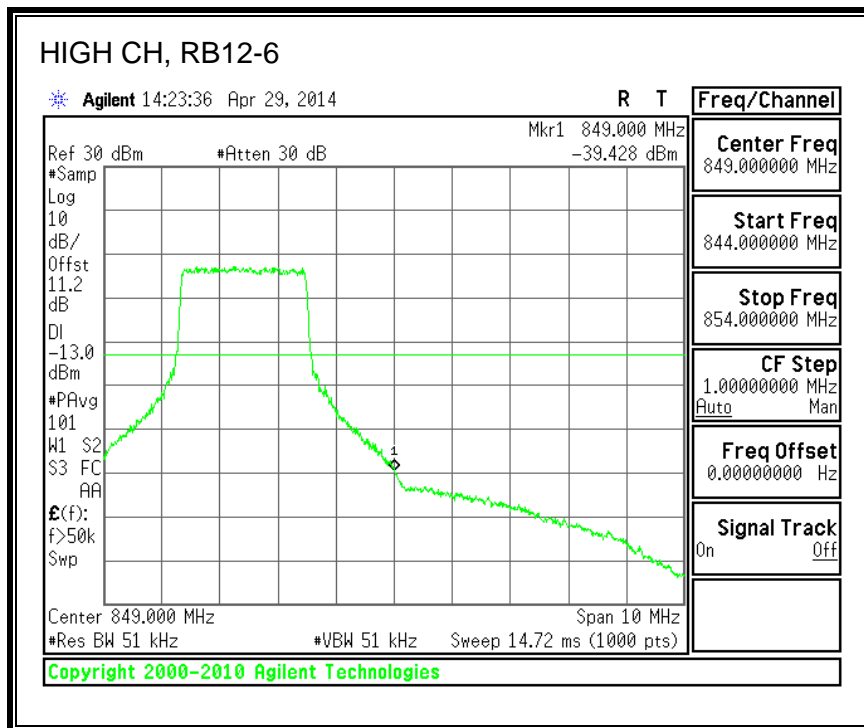
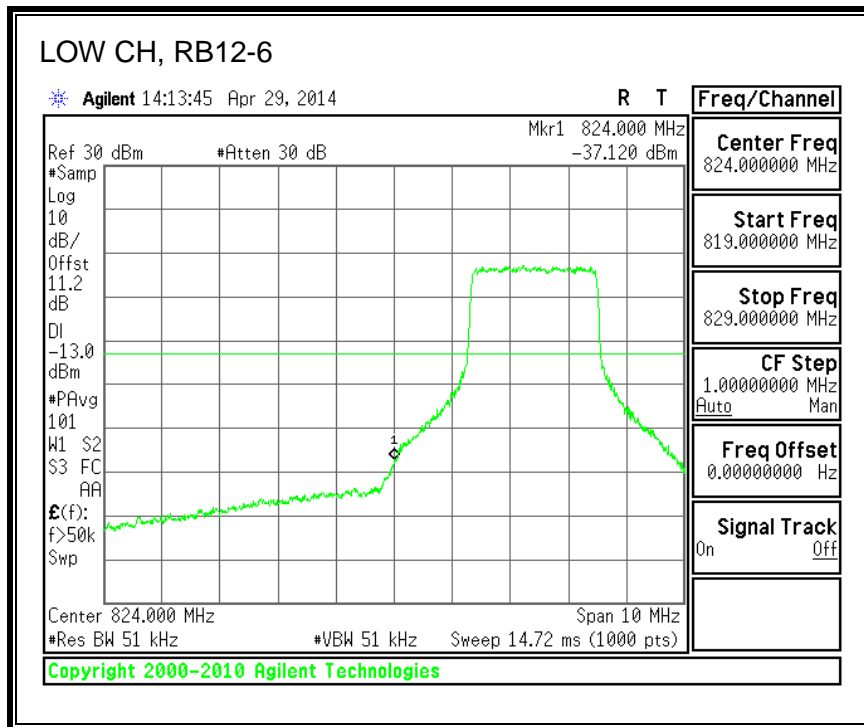


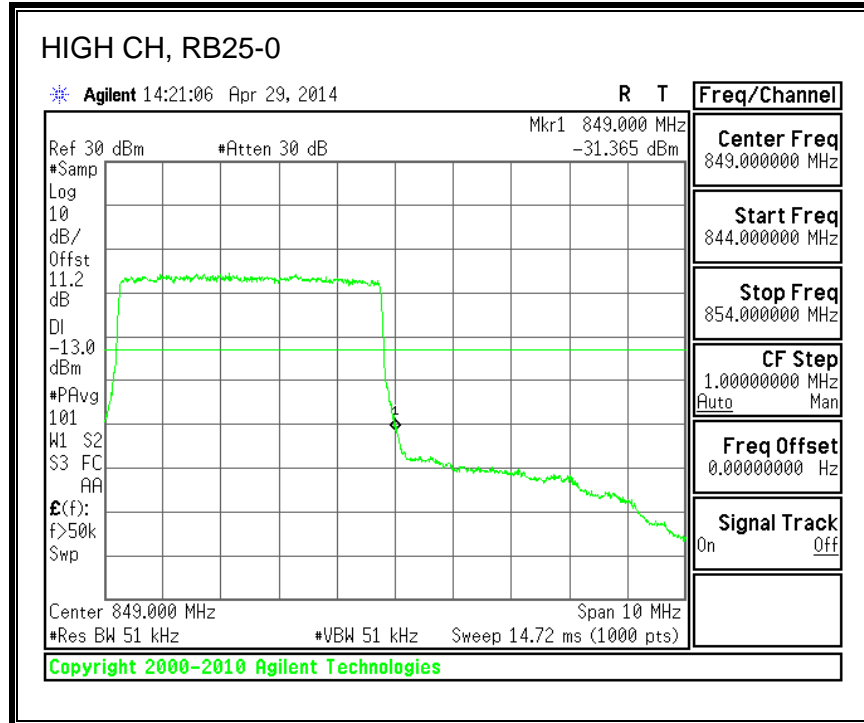
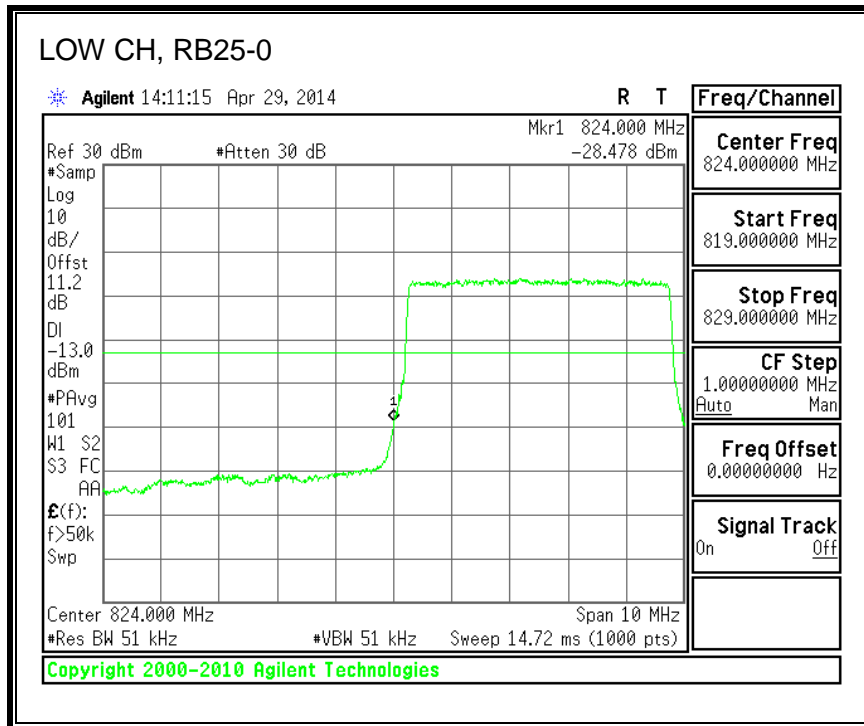


16QAM, (5.0 MHz BAND WIDTH)

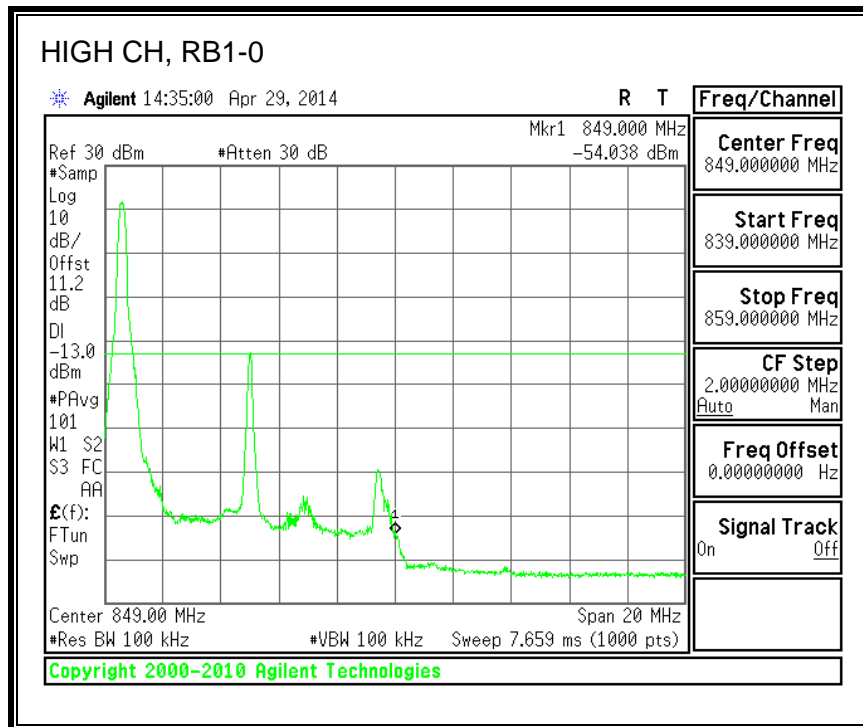
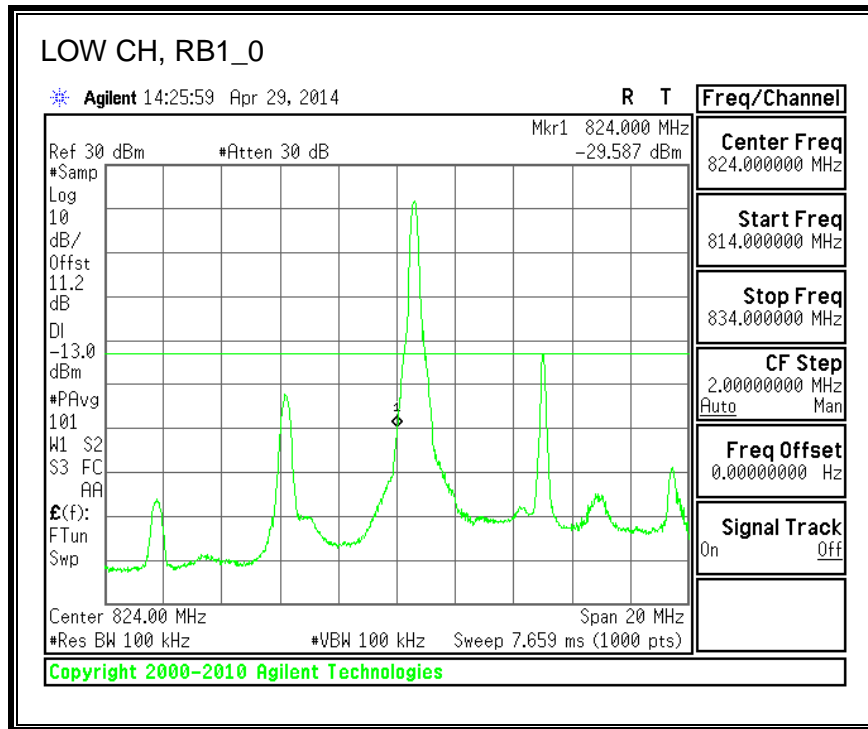


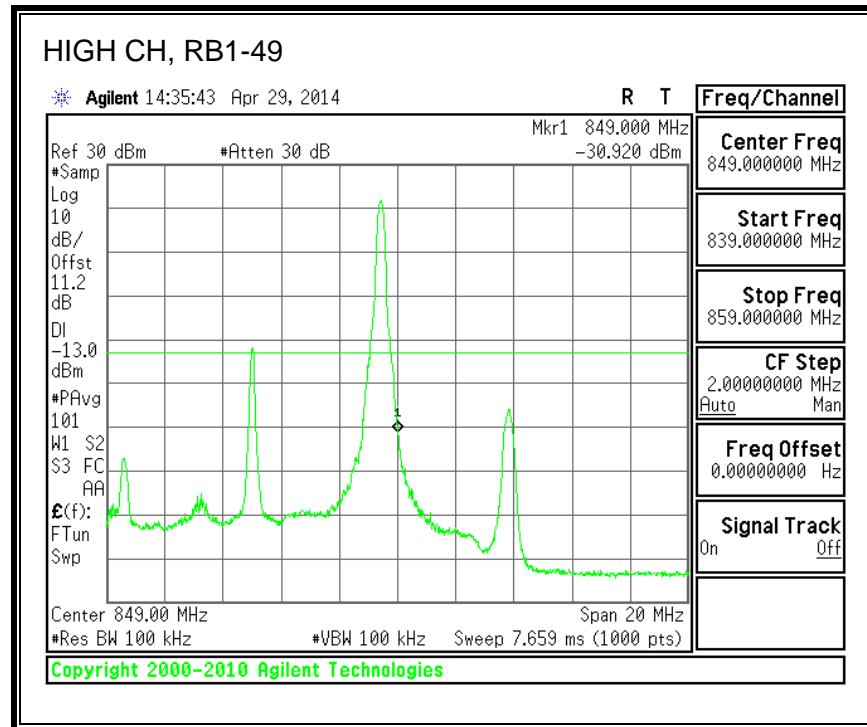
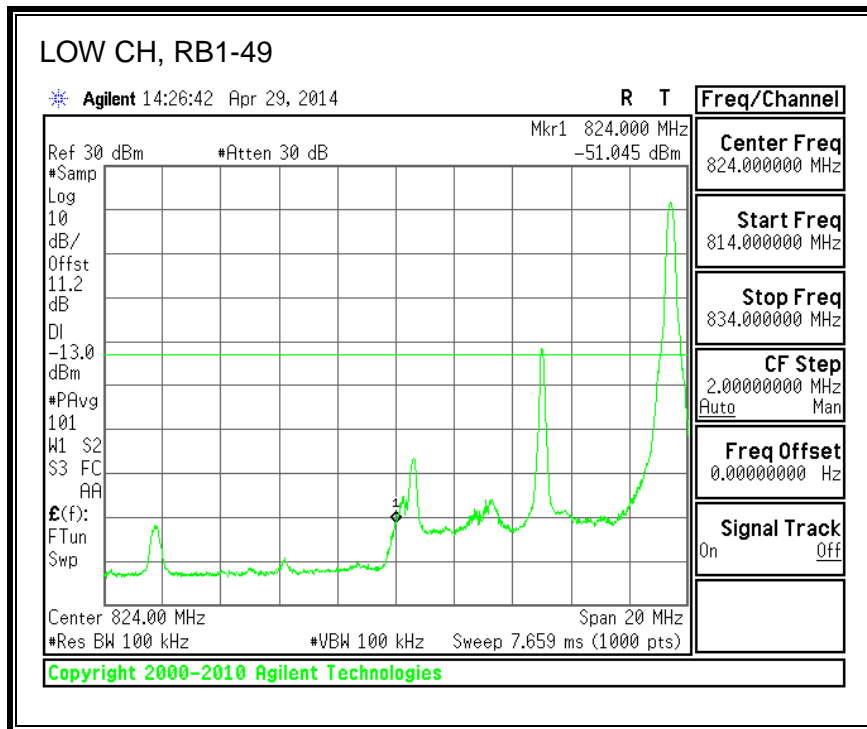


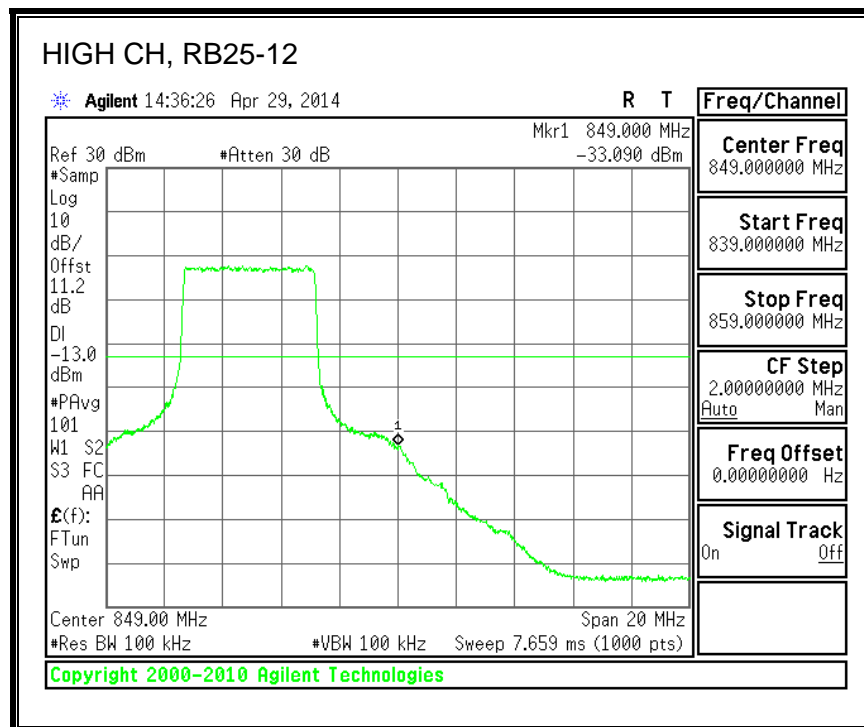
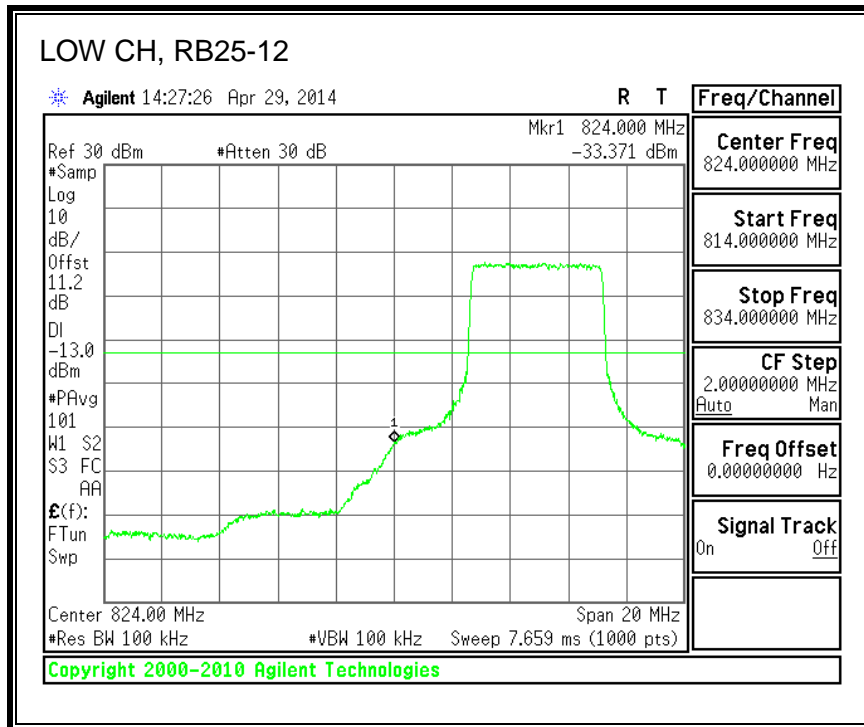


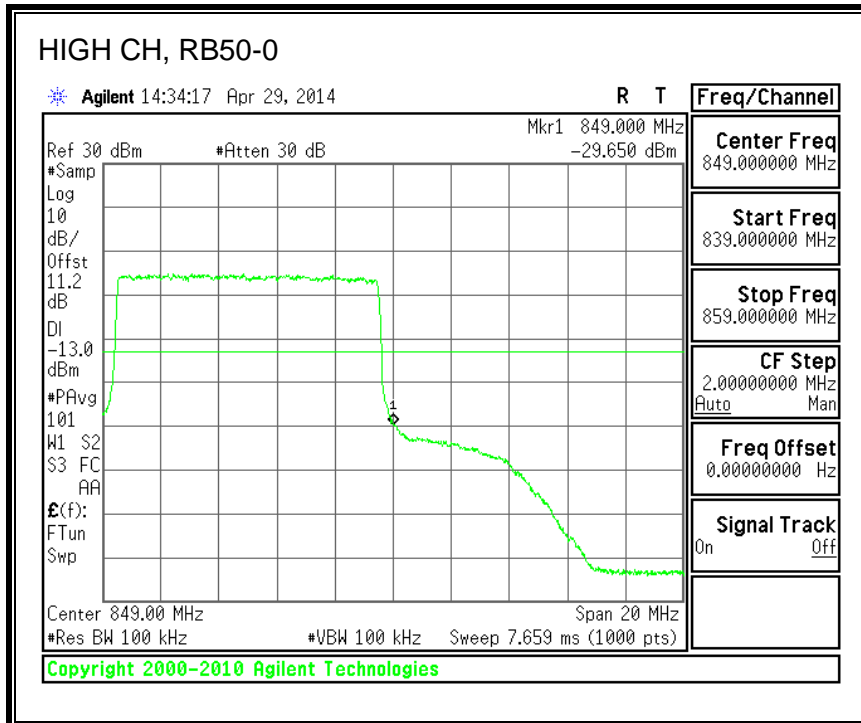
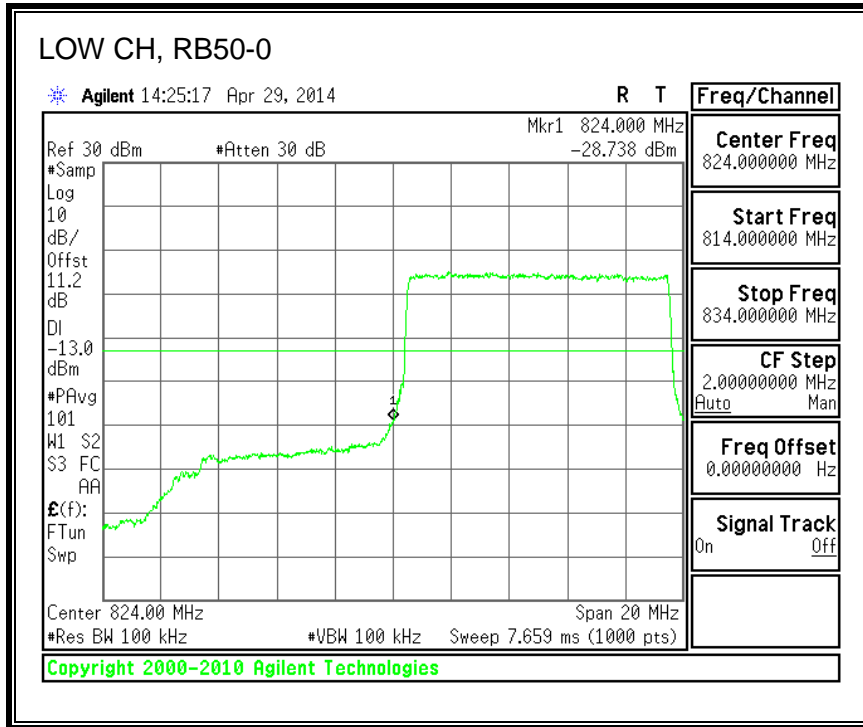


QPSK, (10.0 MHz BAND WIDTH)

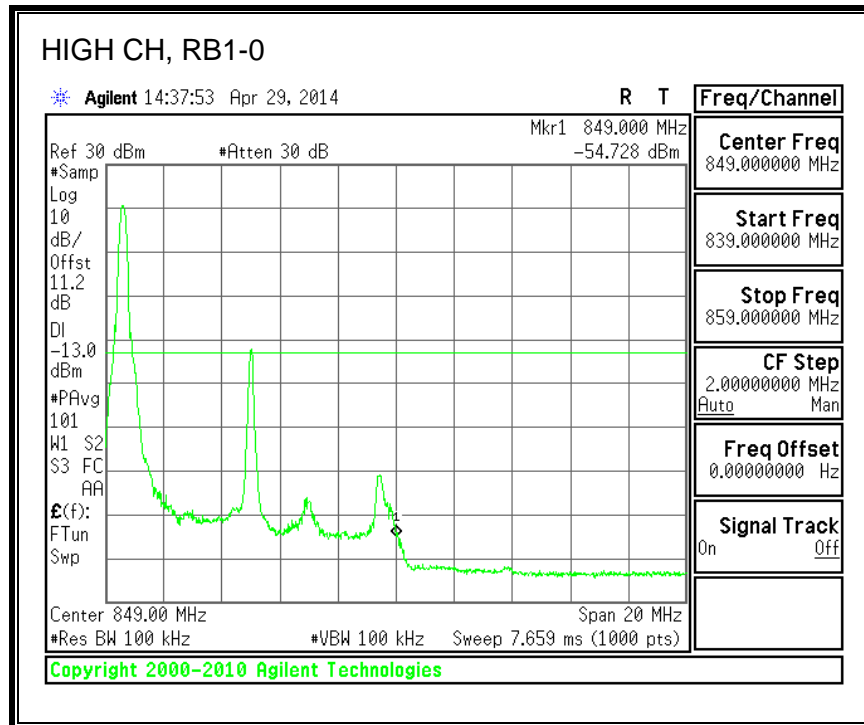
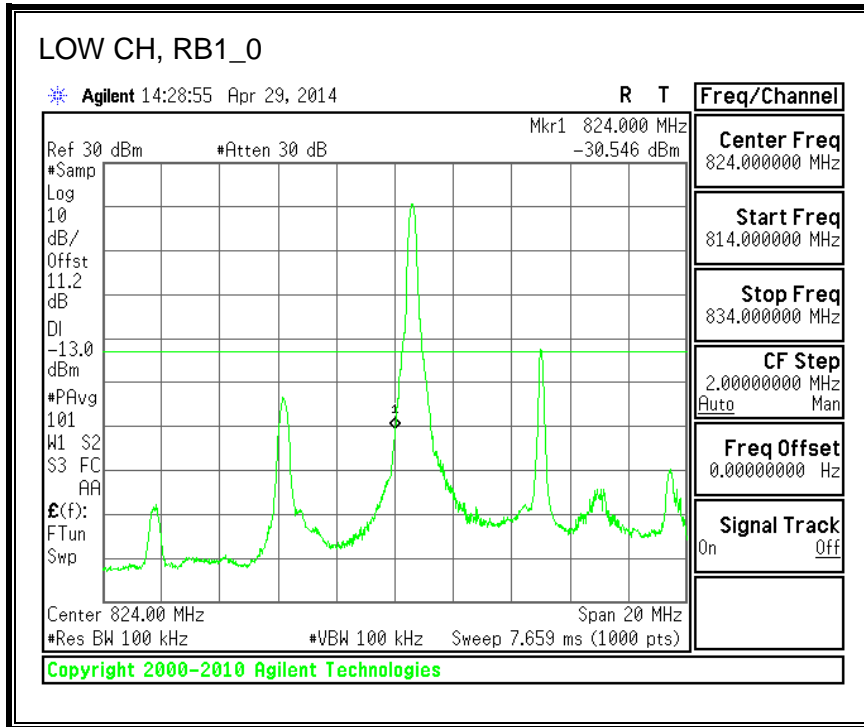


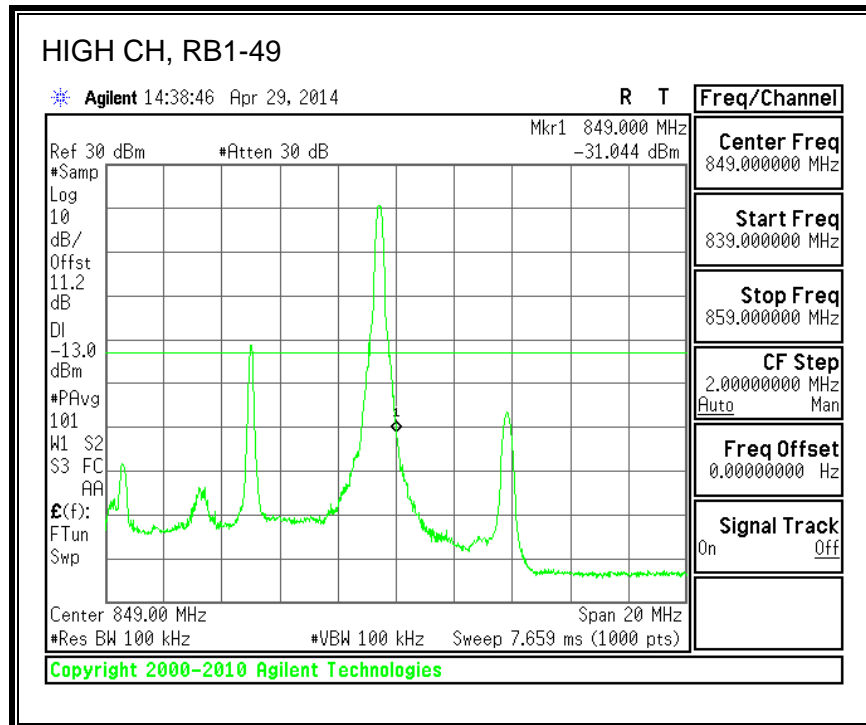
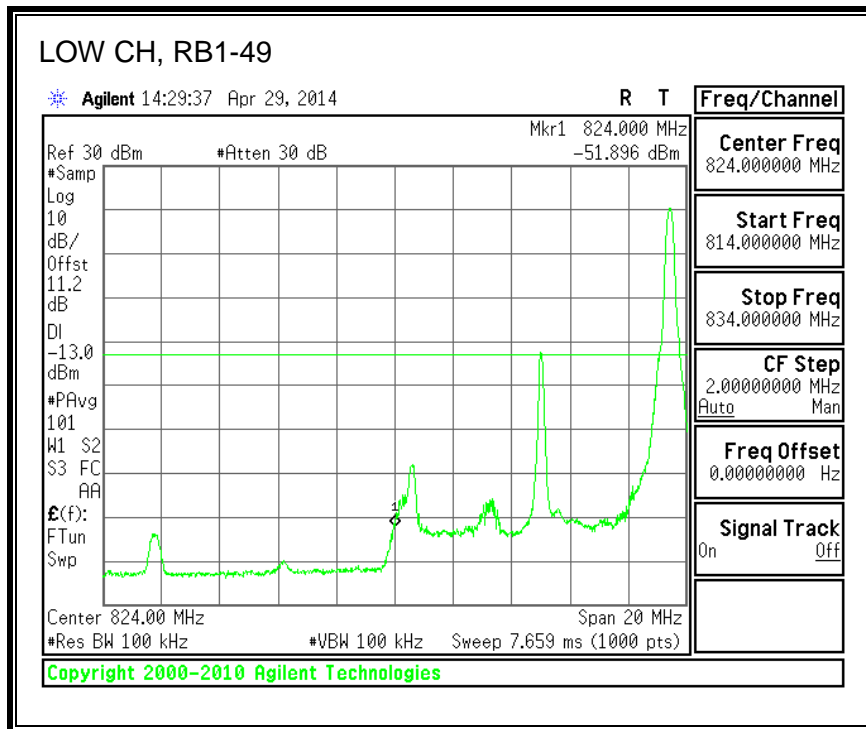


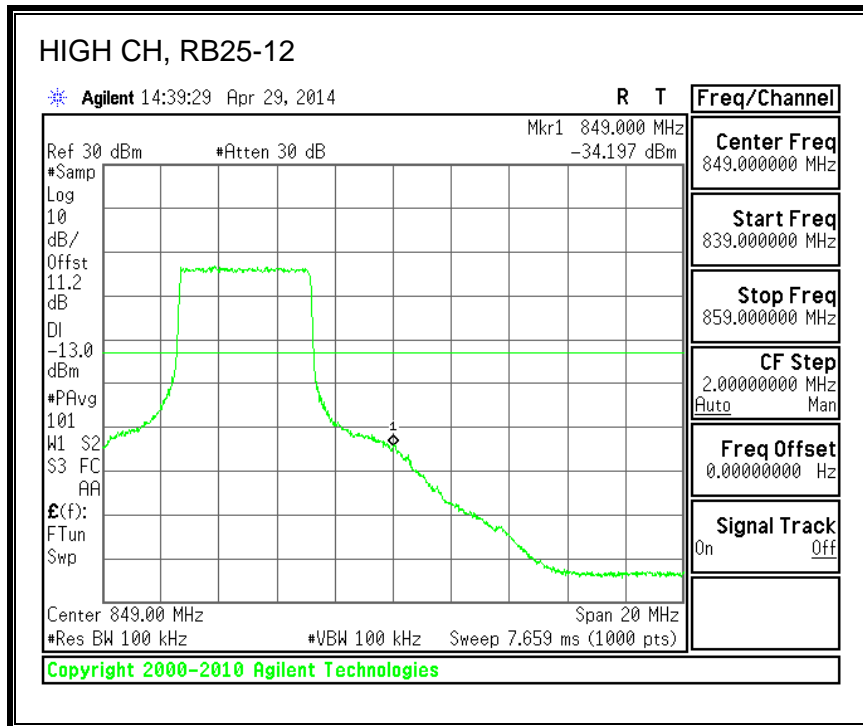
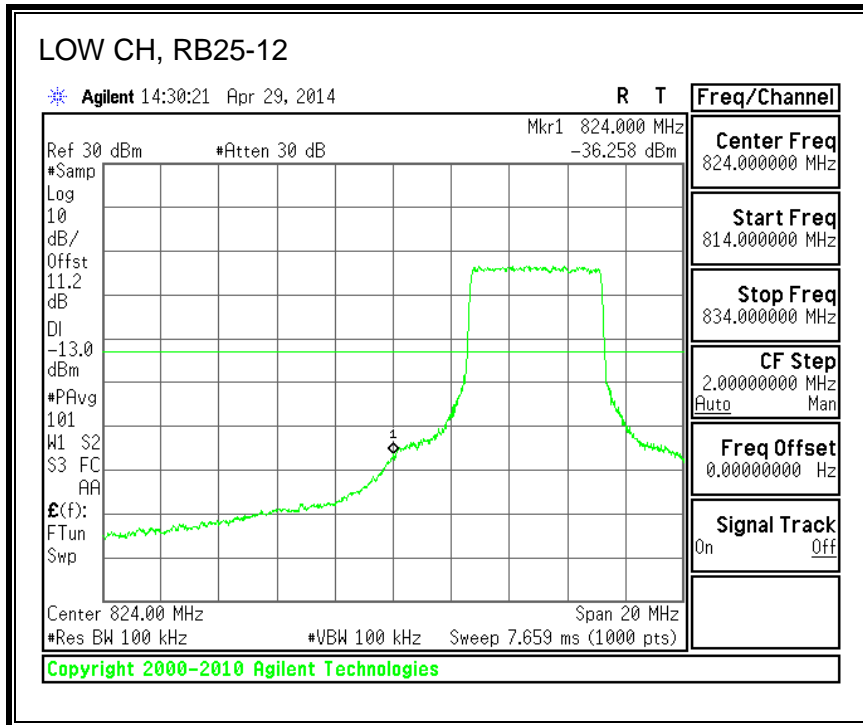


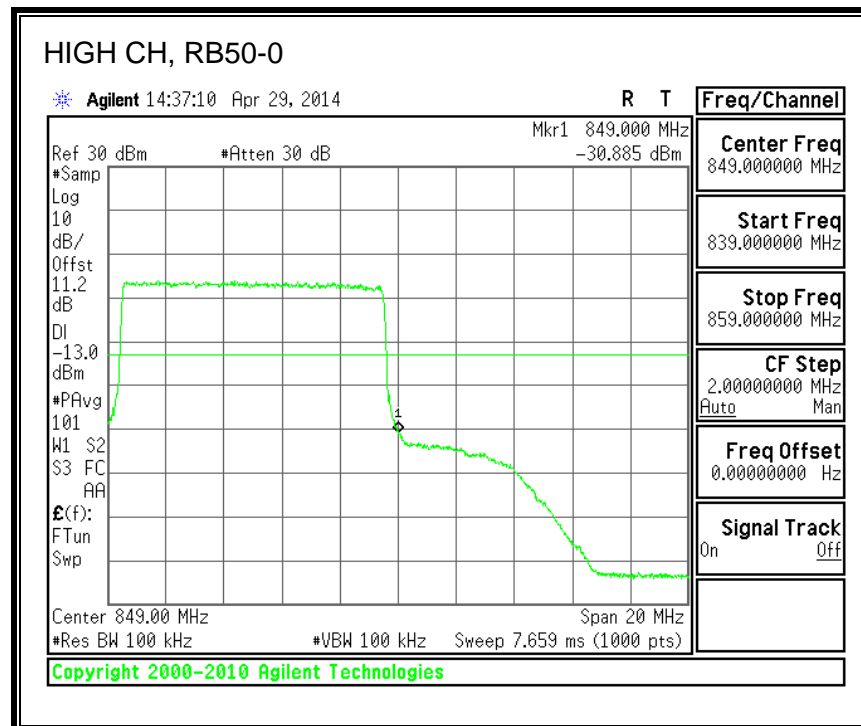
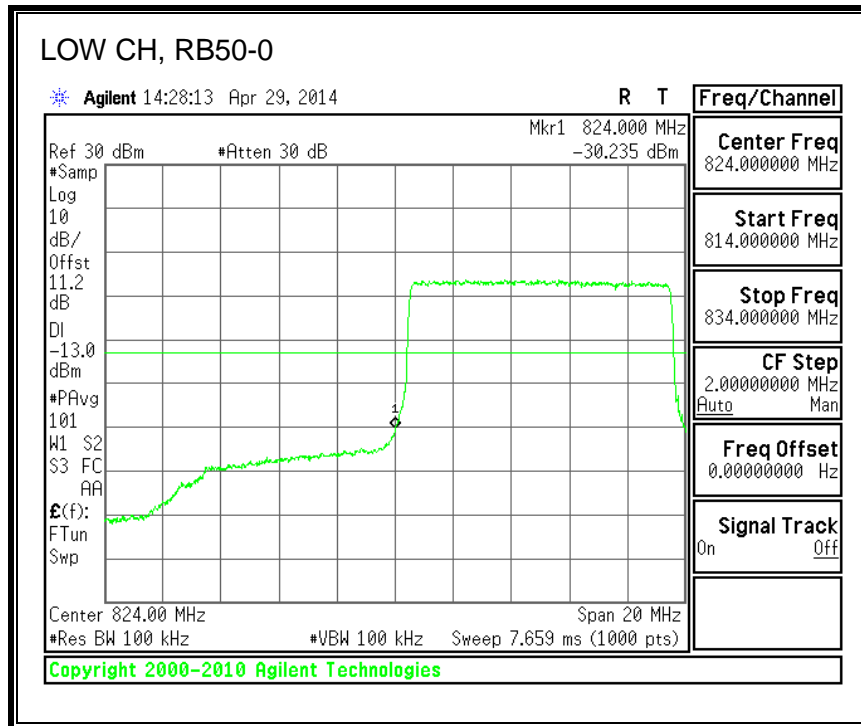


16QAM, (10.0 MHz BAND WIDTH)



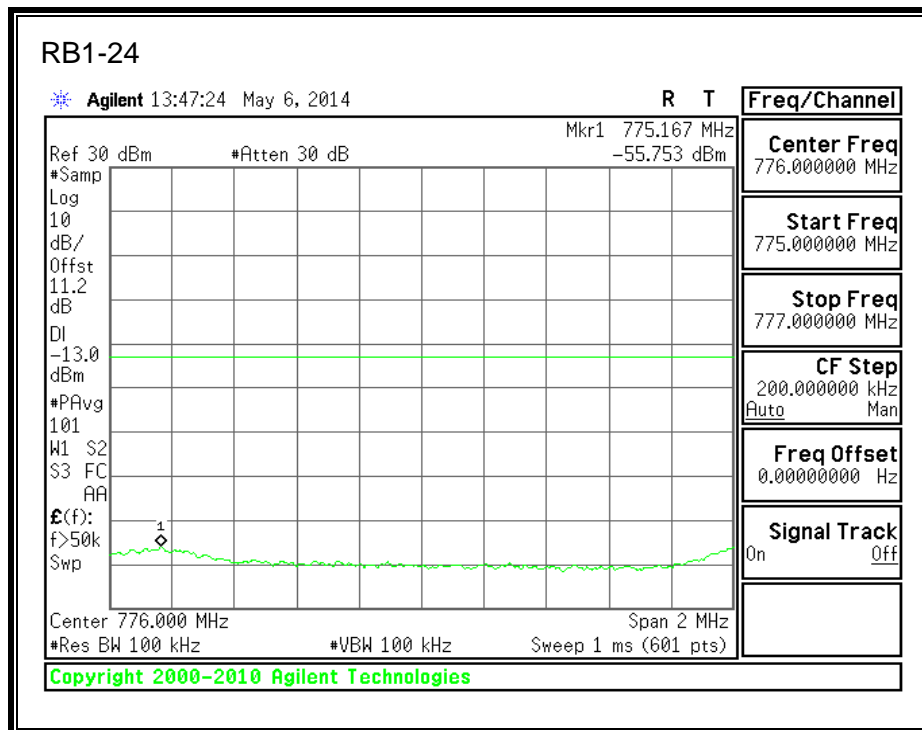
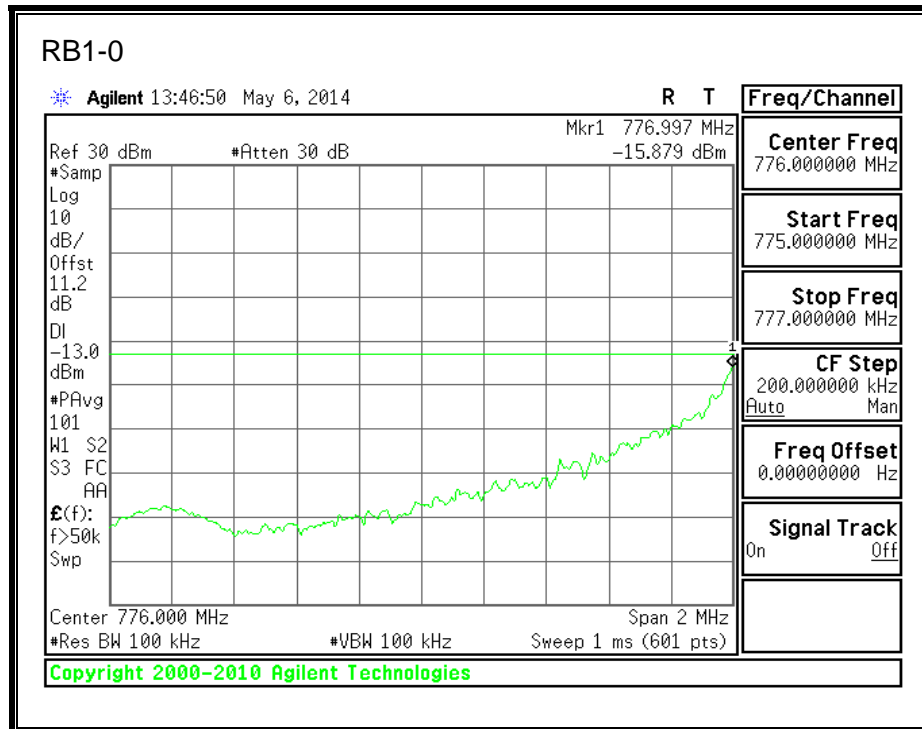


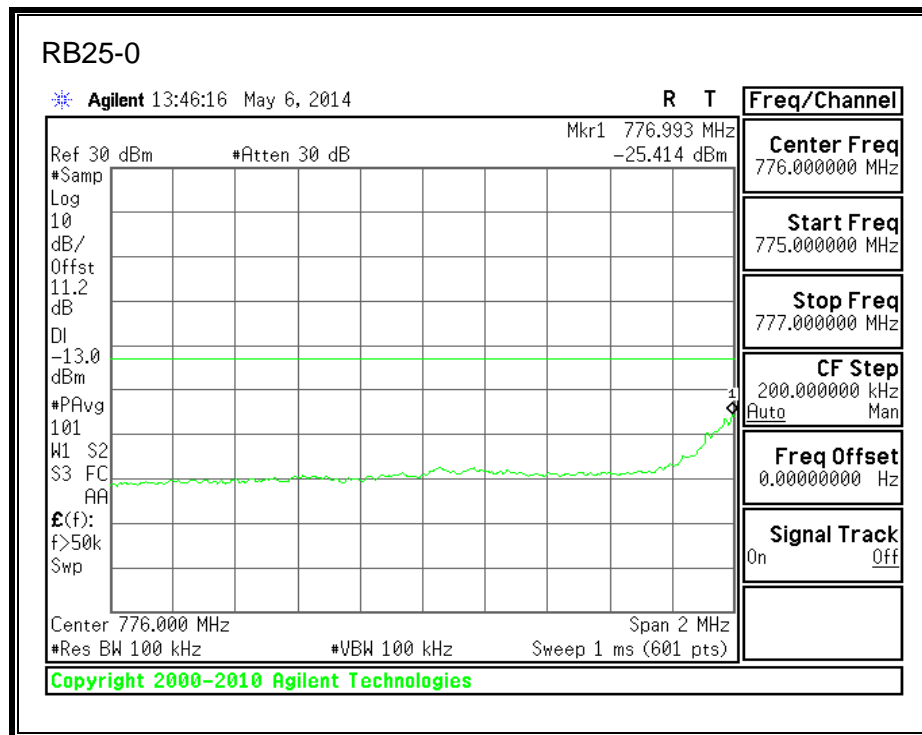
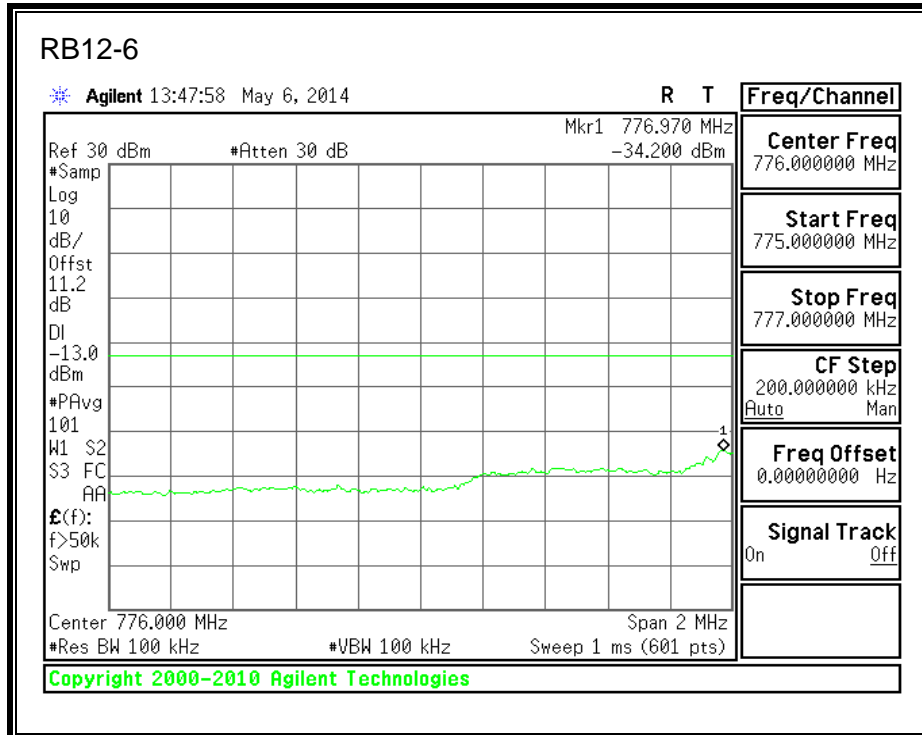




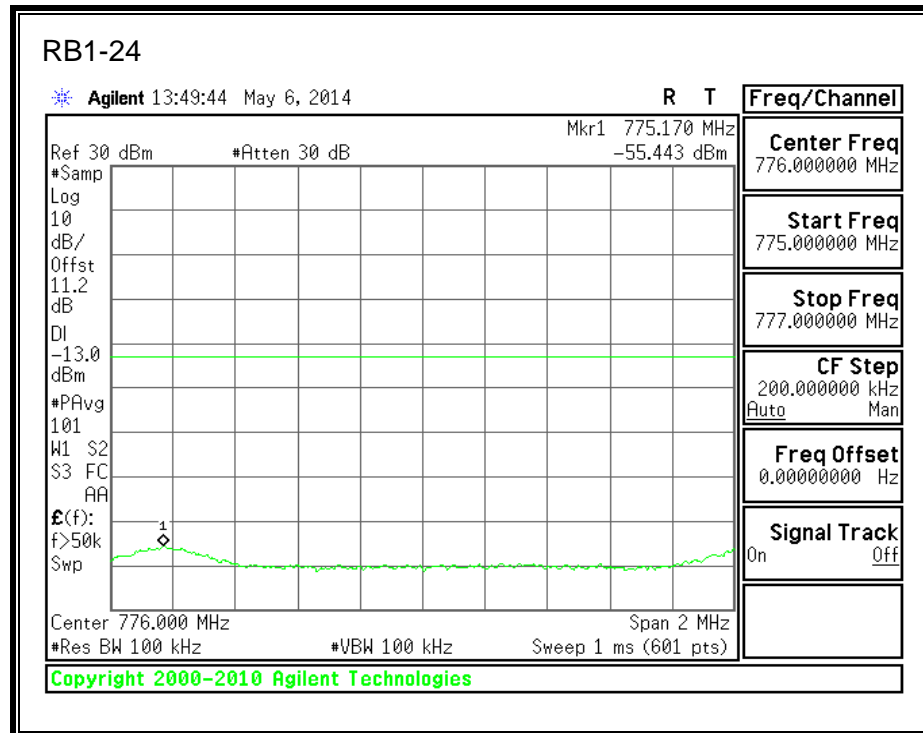
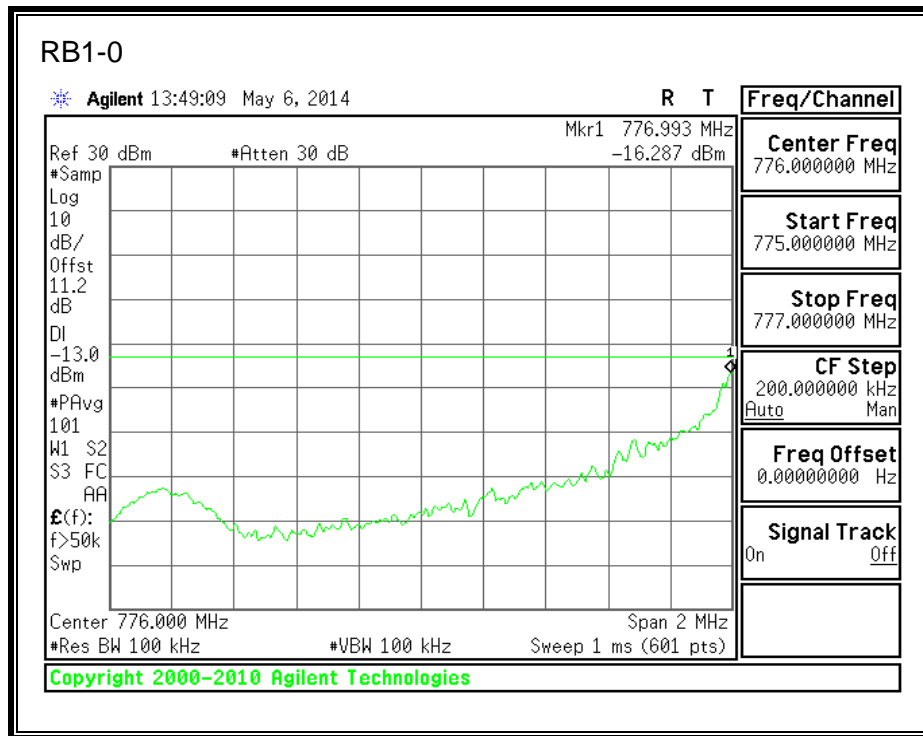
8.2.4. LTE BAND 13 BANDEDGE

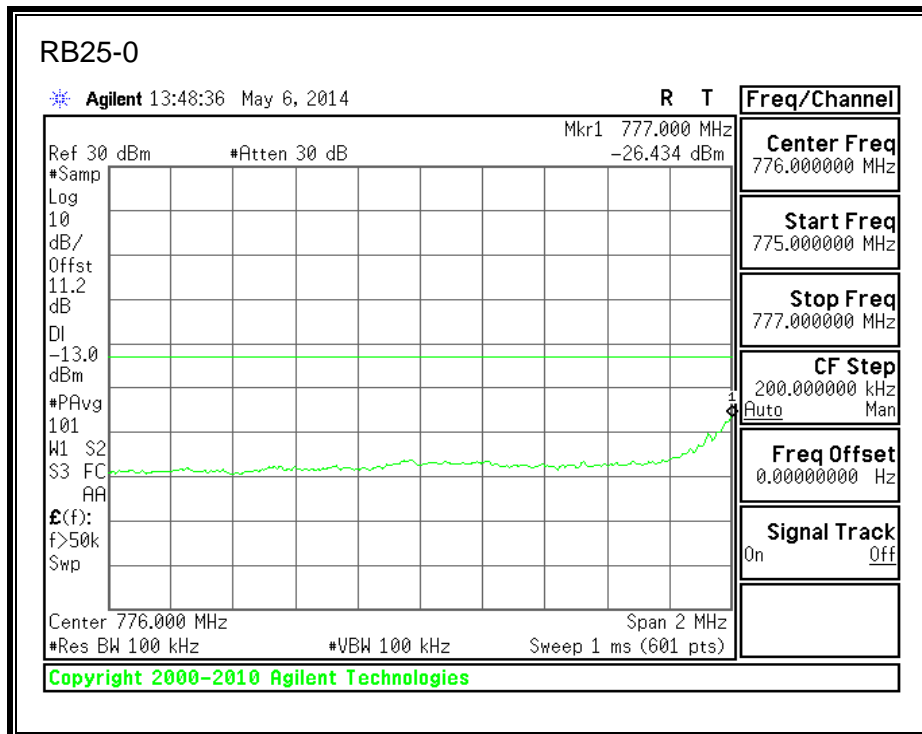
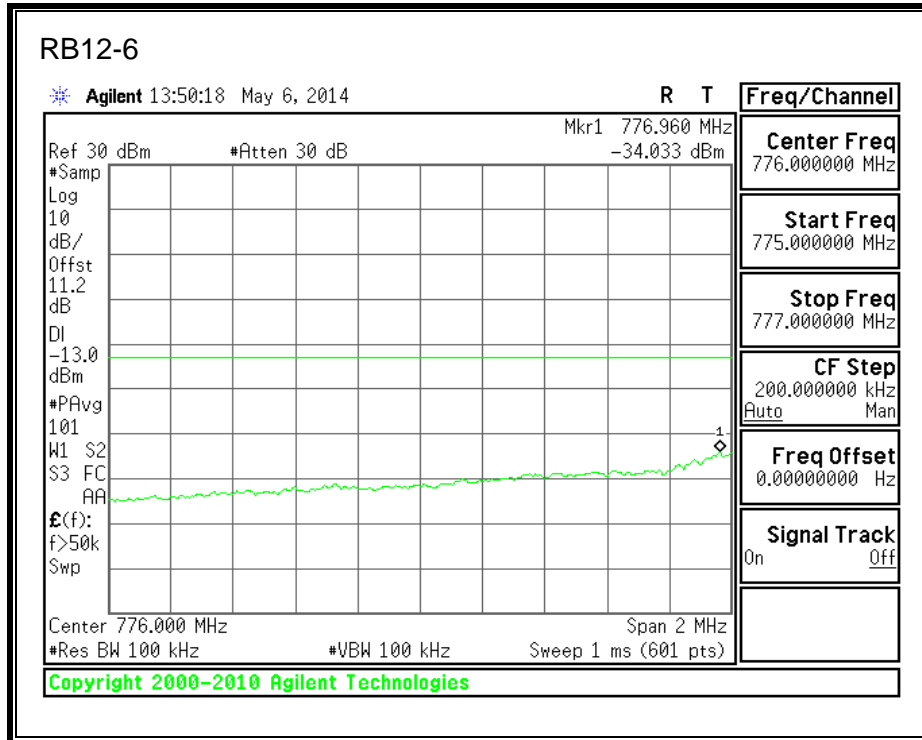
QPSK, 779.5 MHz, 775 – 777MHz, (5.0MHz Bandwidth)



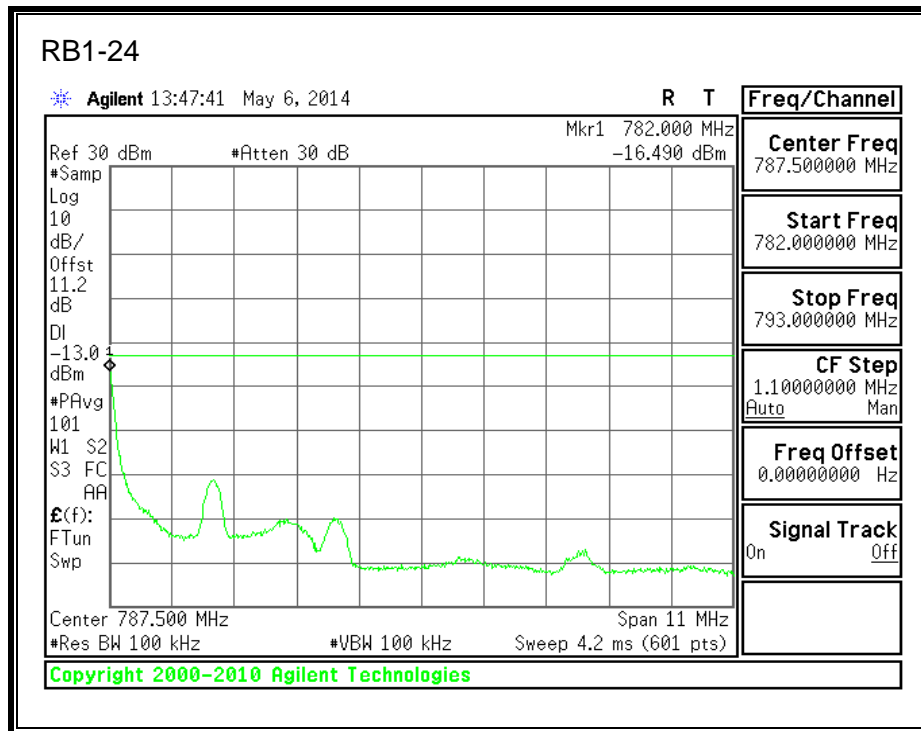
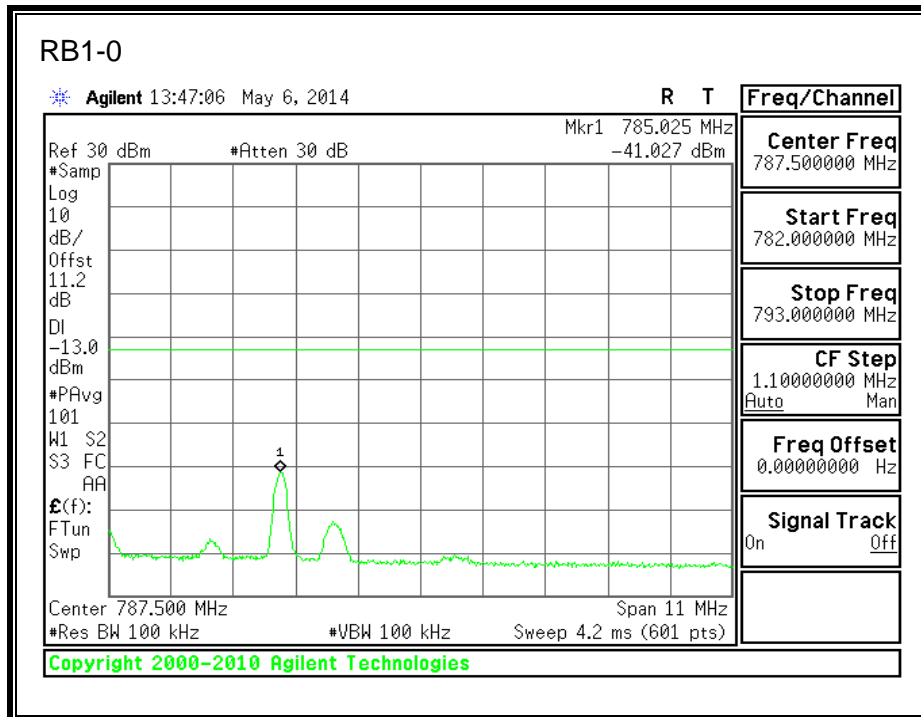


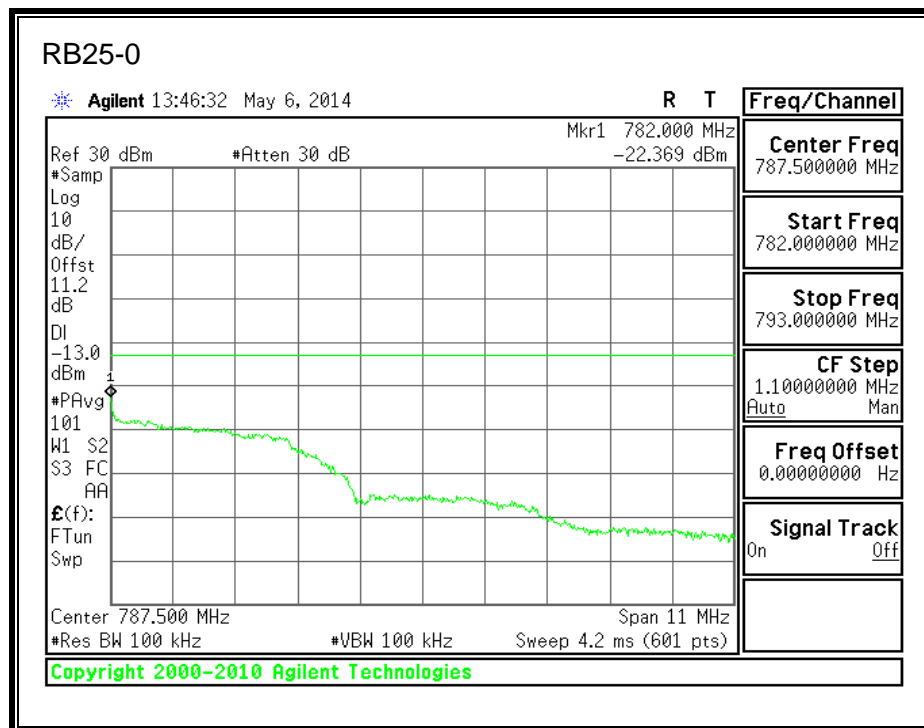
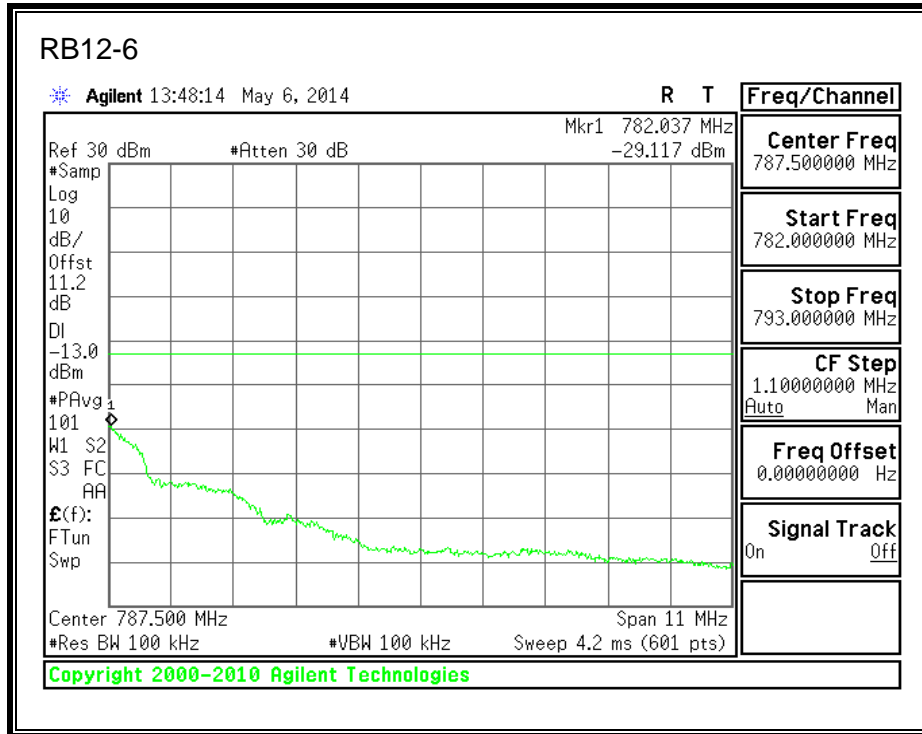
16QAM, 779.5MHz, 775 - 777MHz, (5MHz Bandwidth)



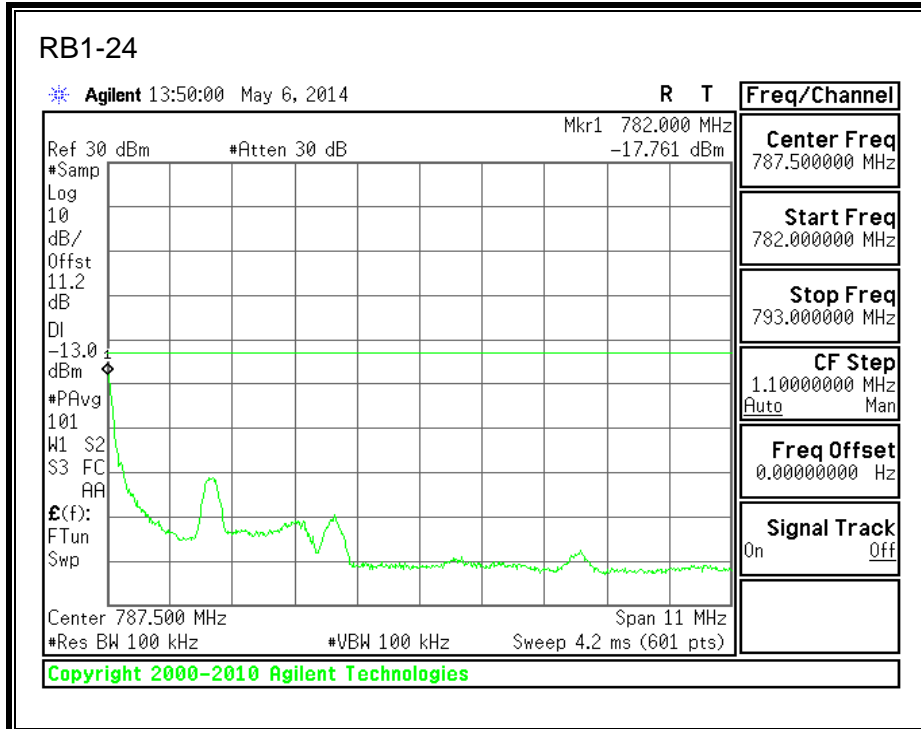
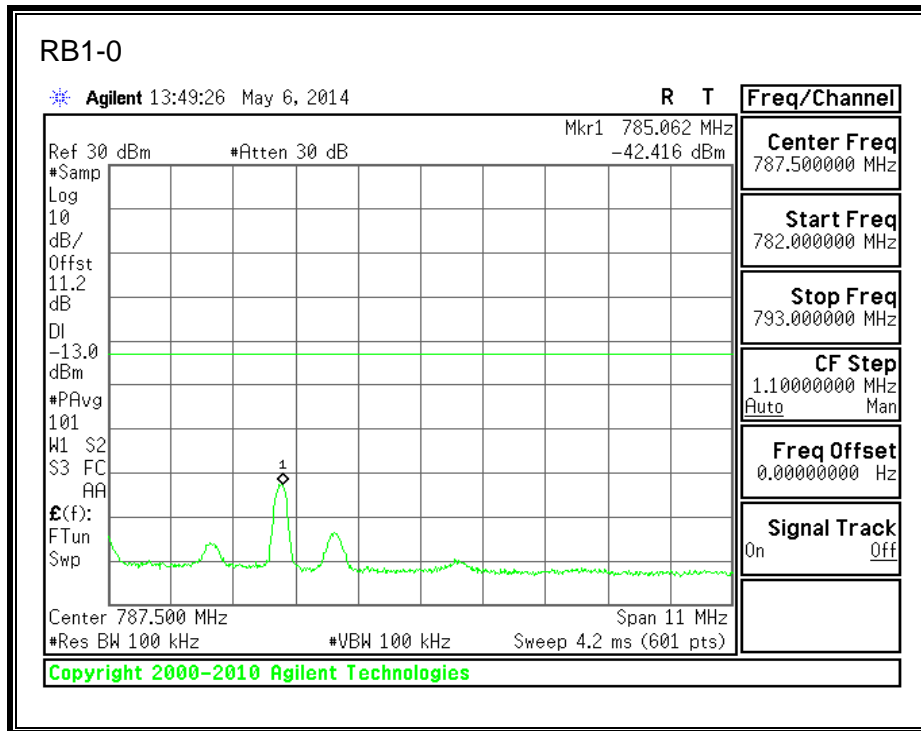


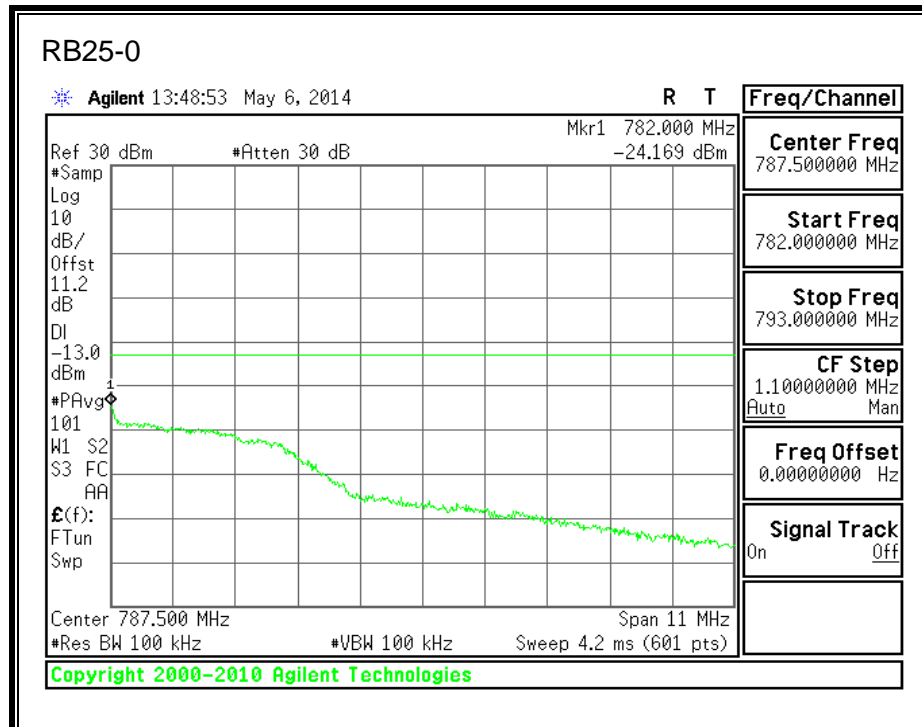
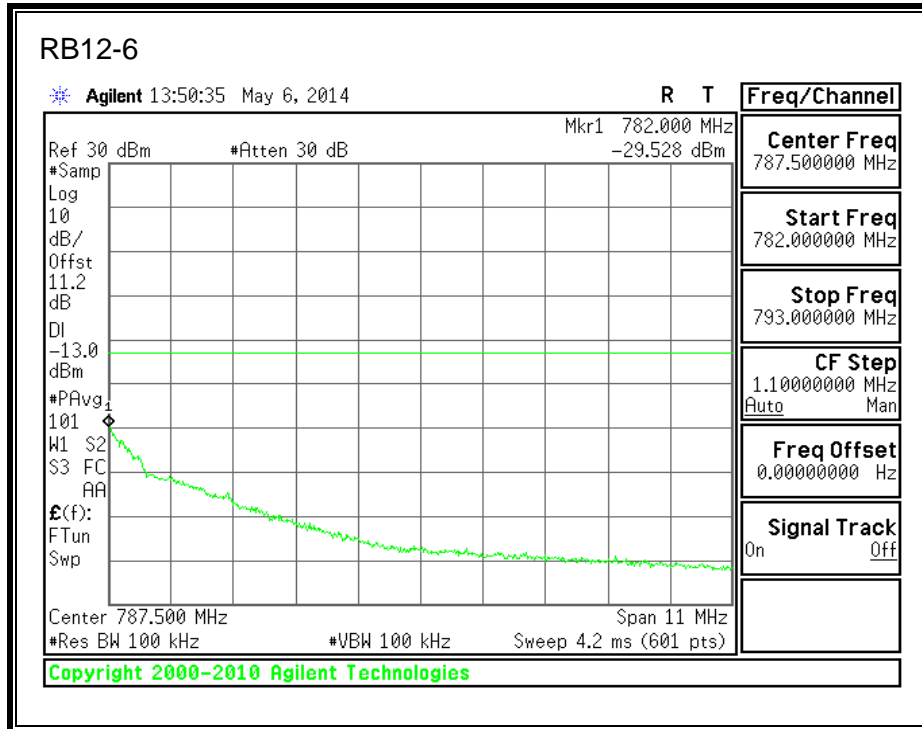
QPSK, 779.5MHz, 13, 782 - 793MHz, (5MHz Bandwidth)



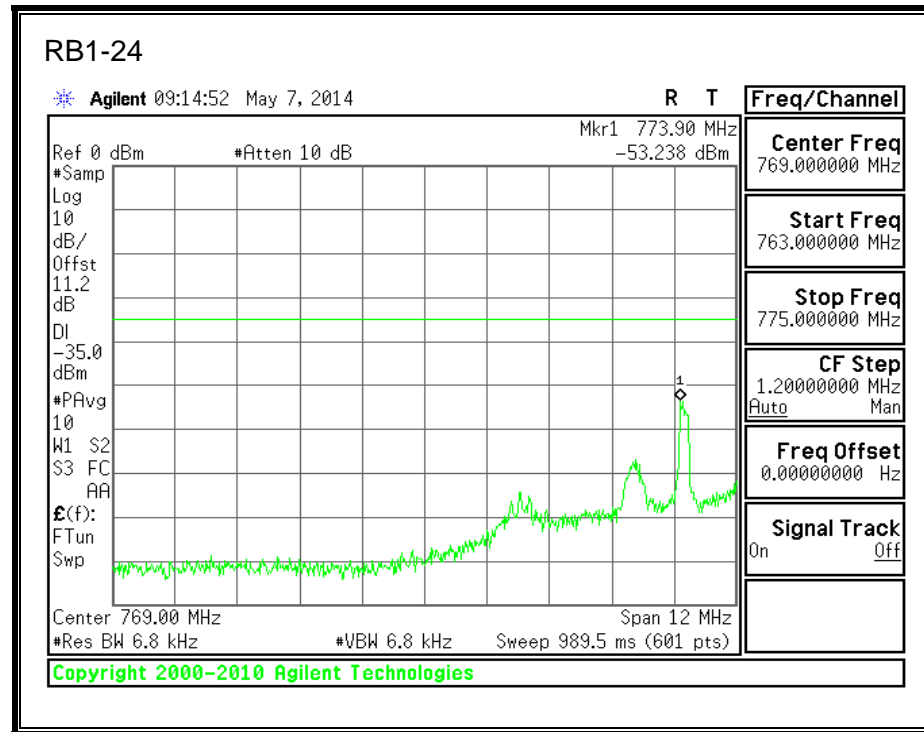
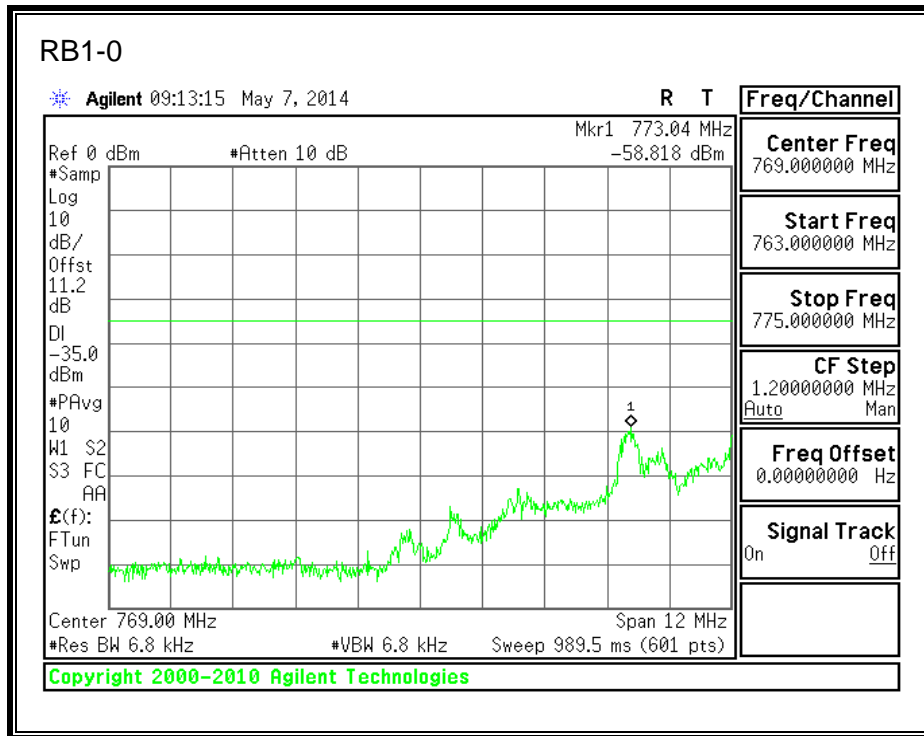


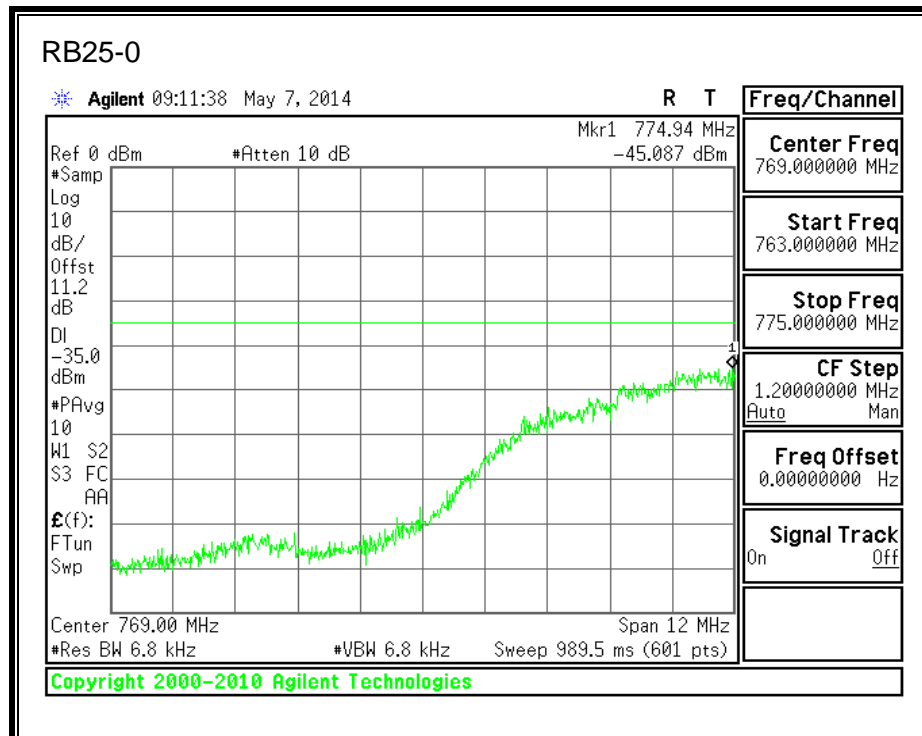
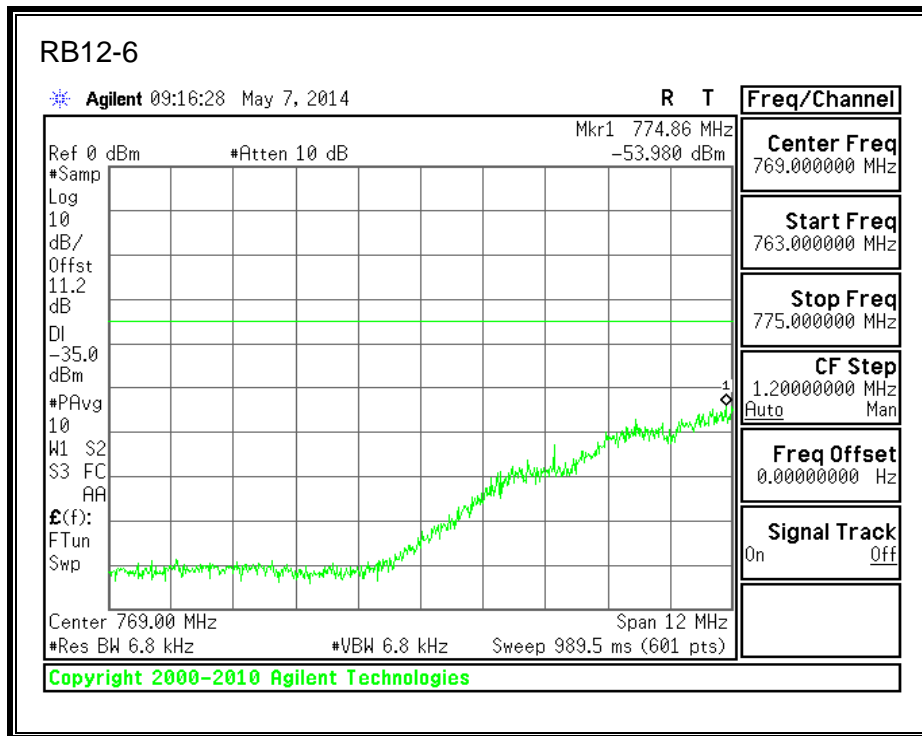
16QAM, 779.5MHz, 783 - 793MHz, (5MHz Bandwidth)



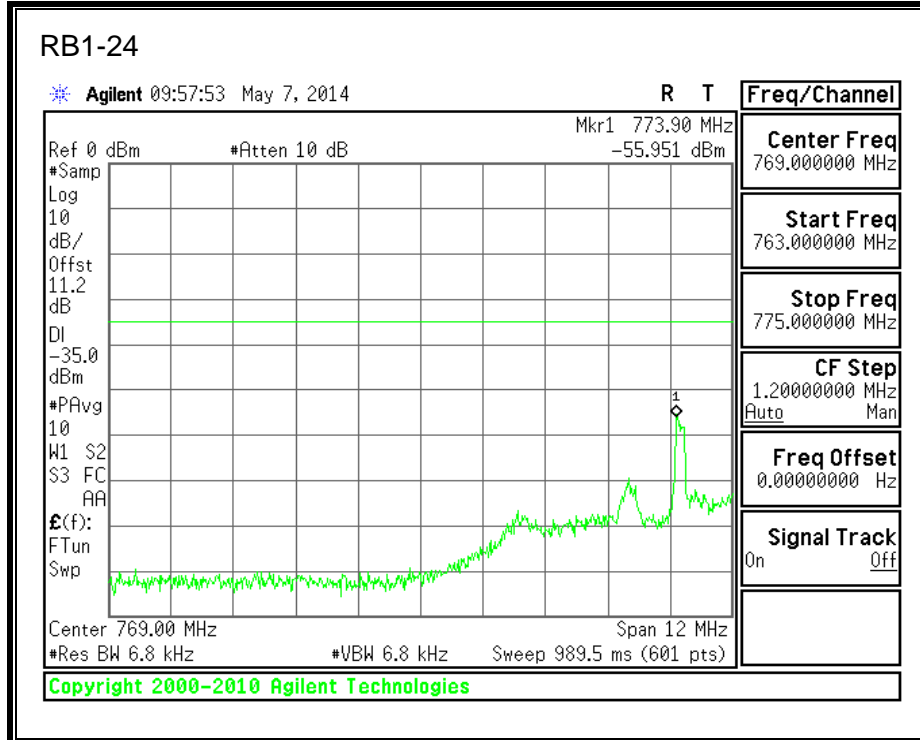
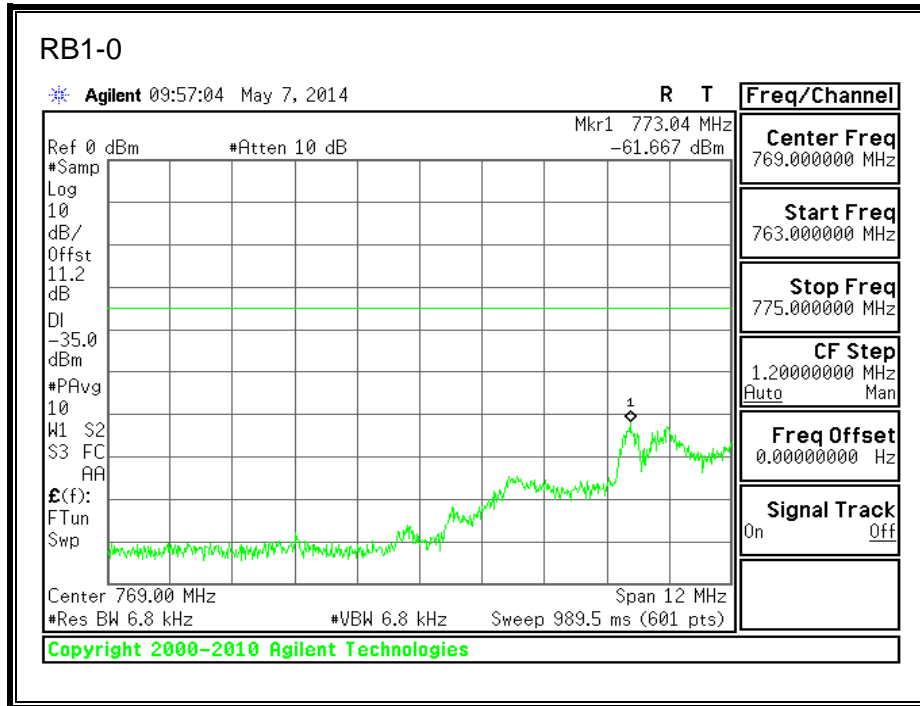


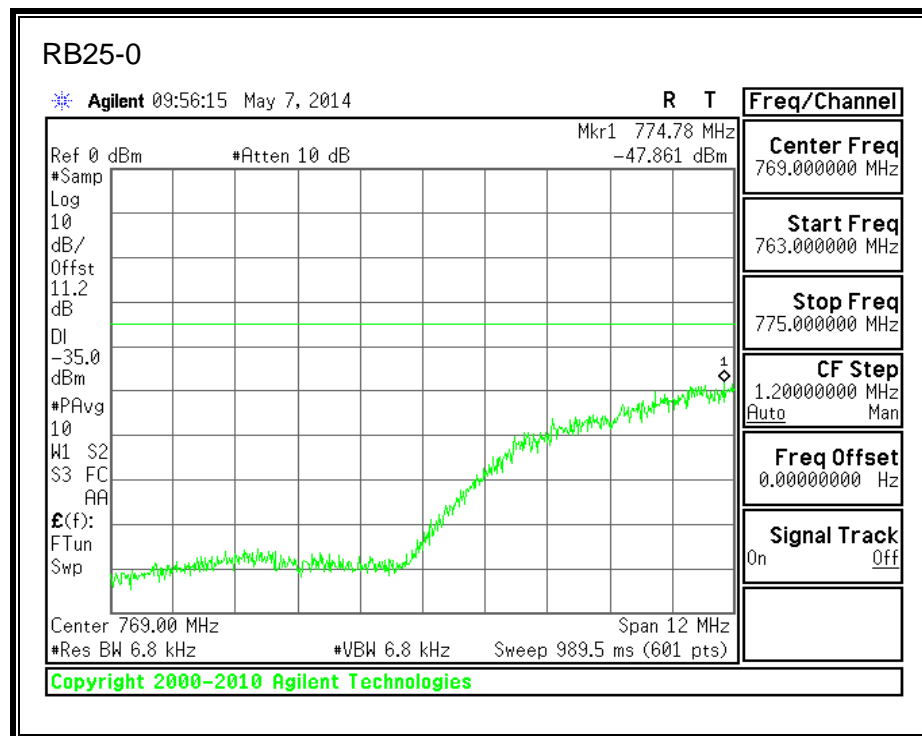
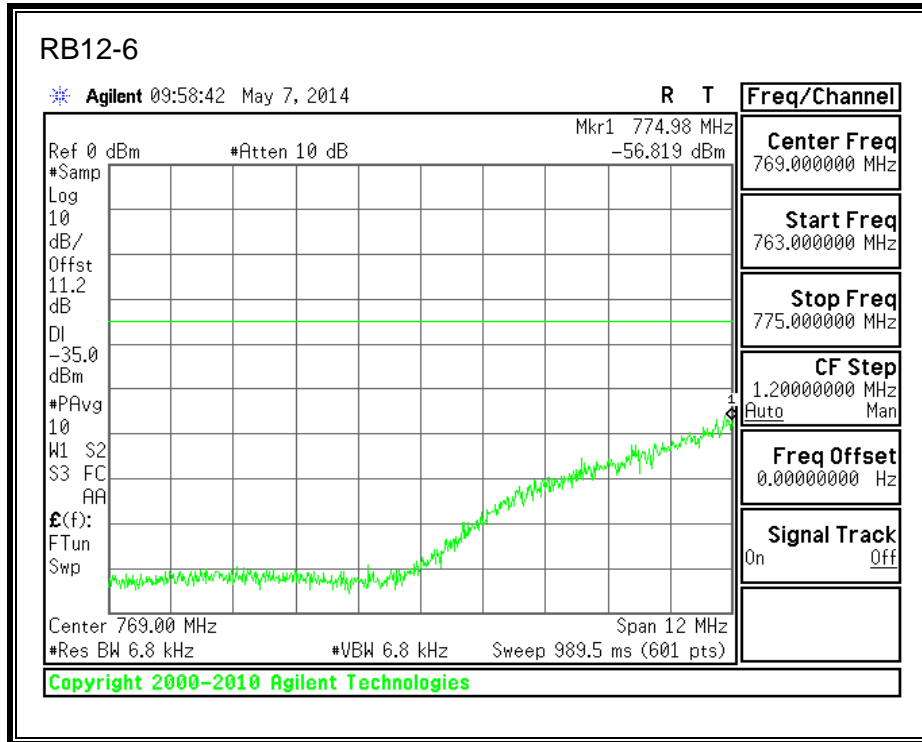
QPSK, 779.5MHz, 763 - 775MHz, (5MHz Bandwidth)



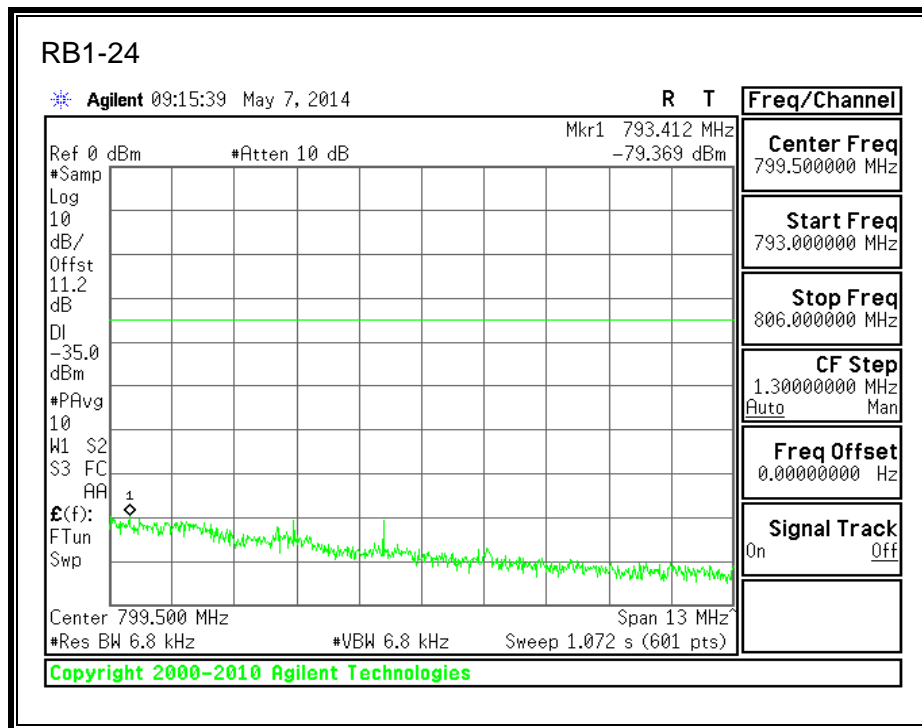
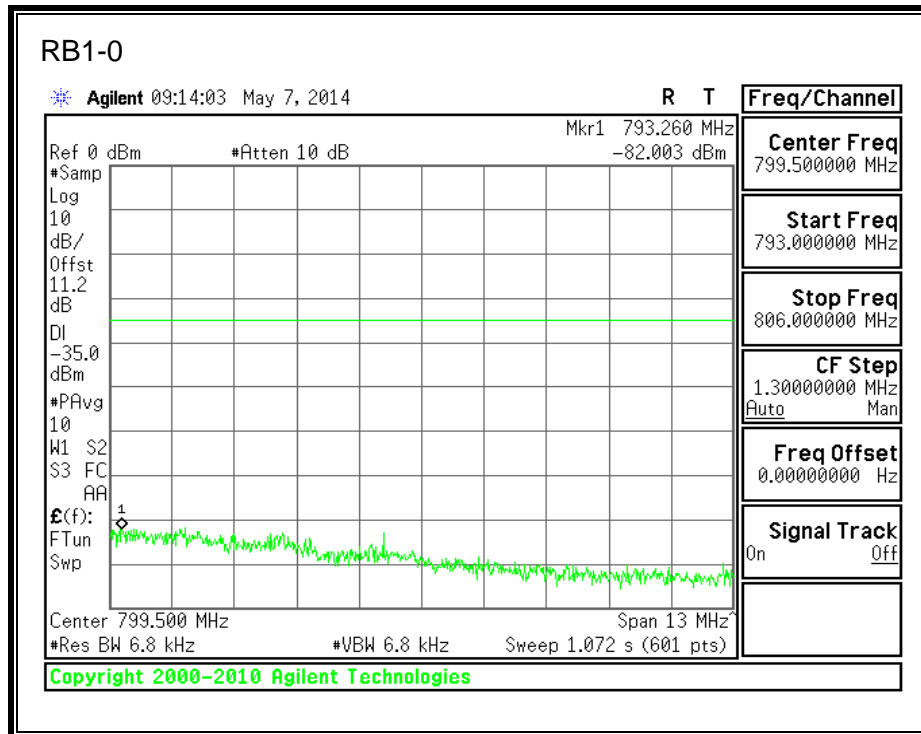


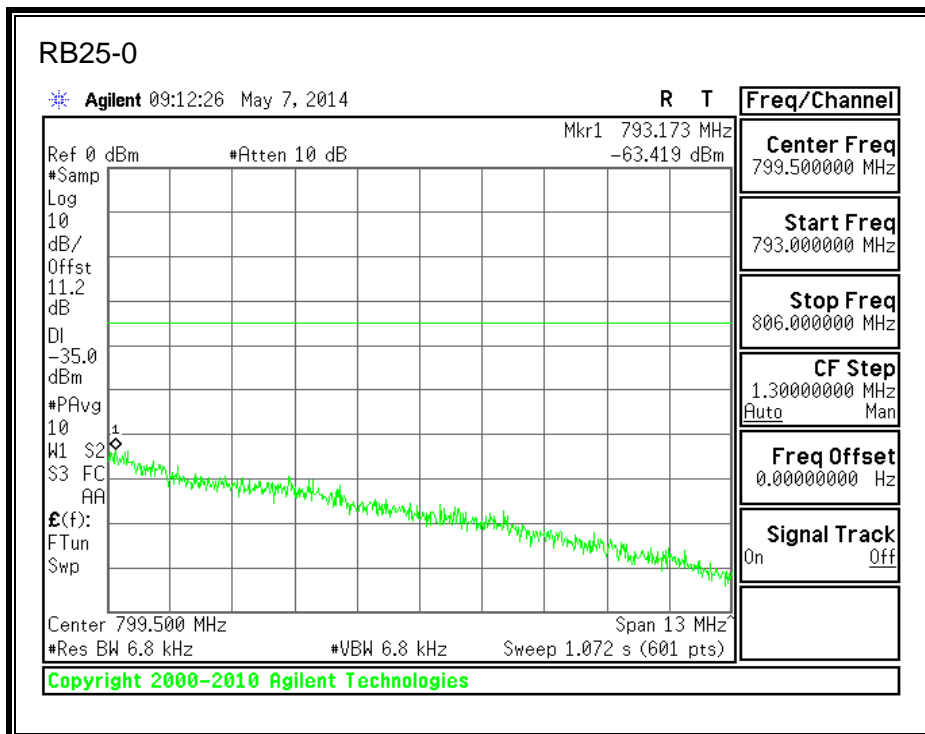
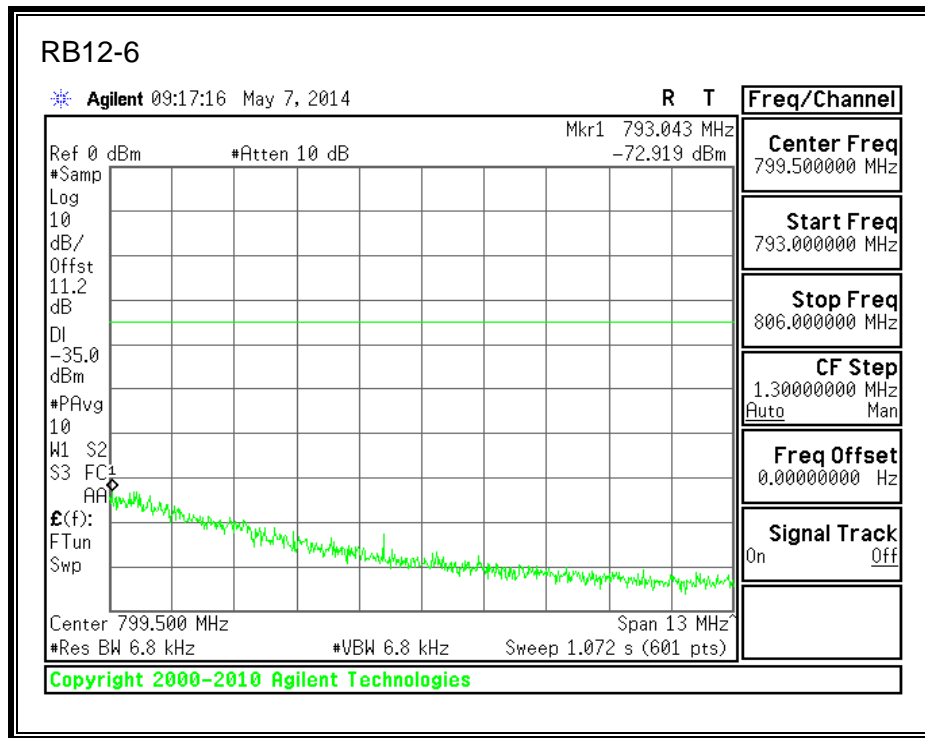
16QAM, 779.5MHz, 763-775MHz, (5MHz Bandwidth)



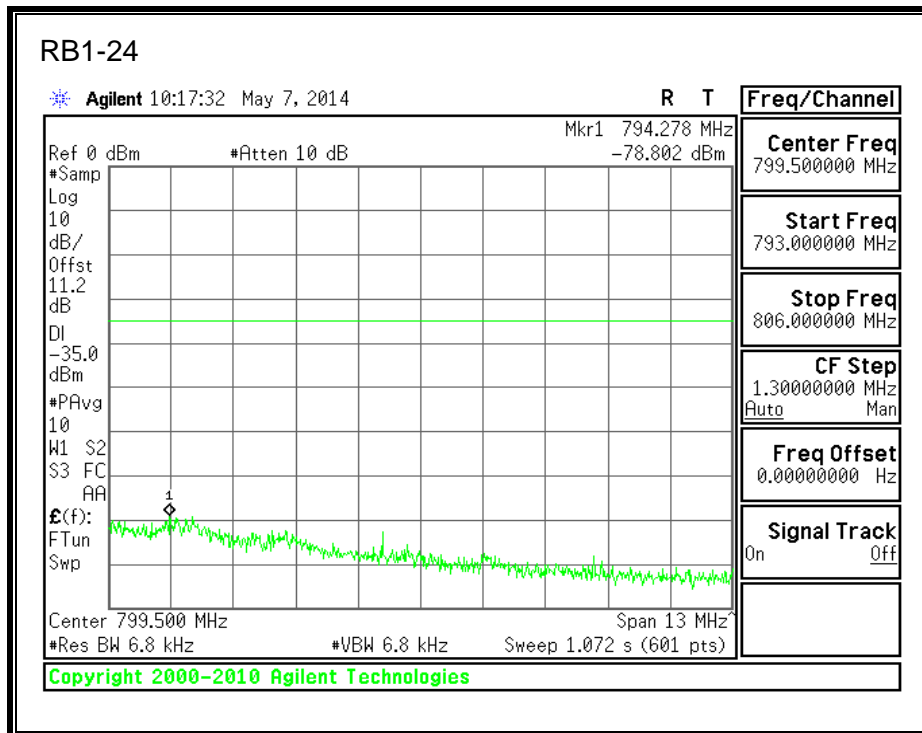
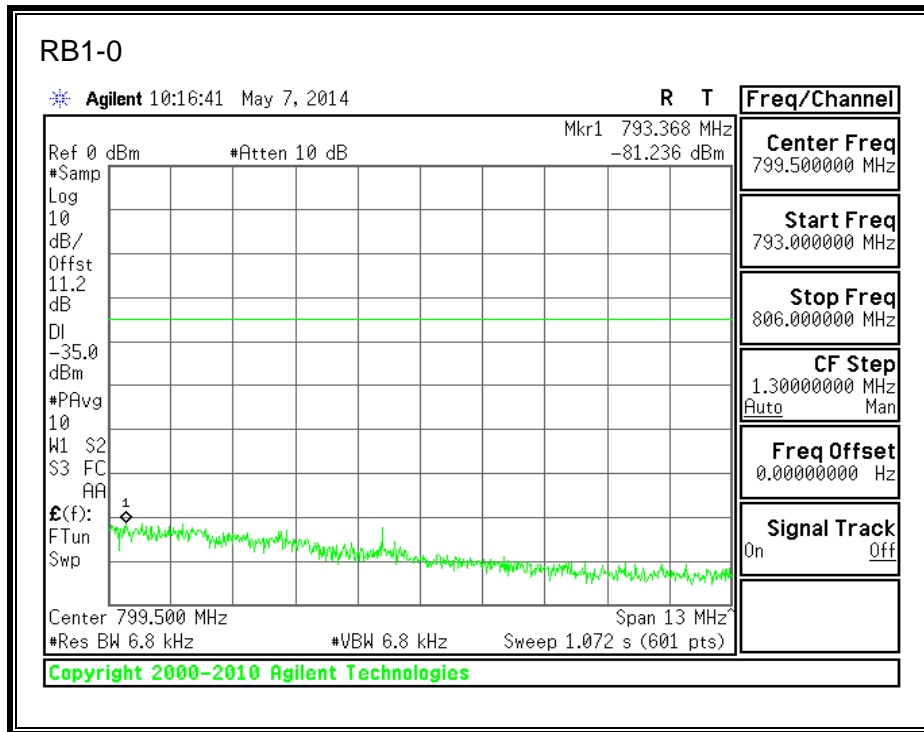


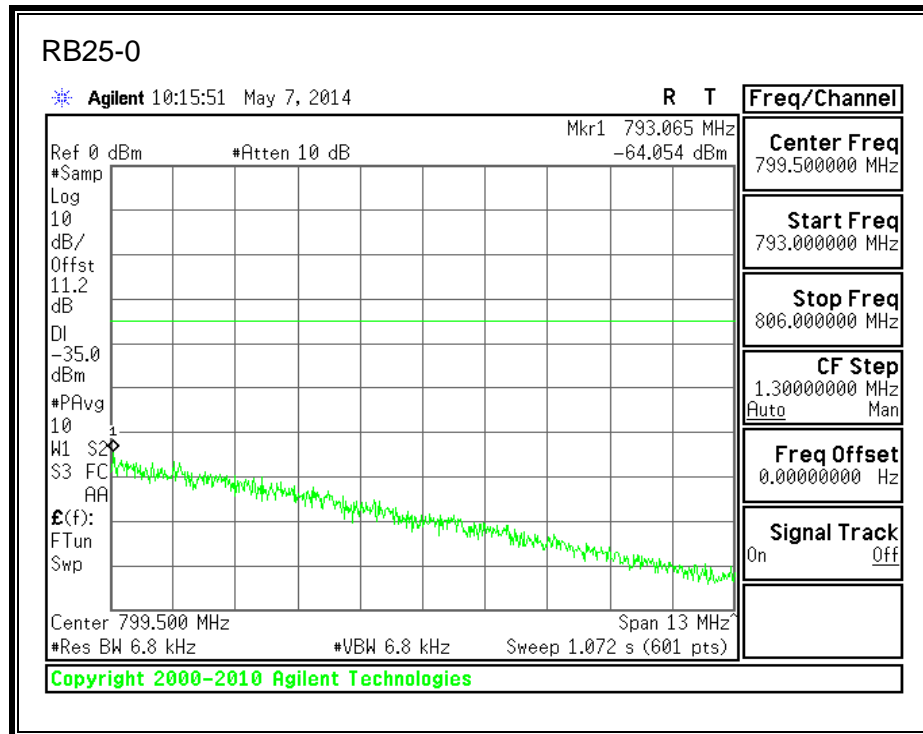
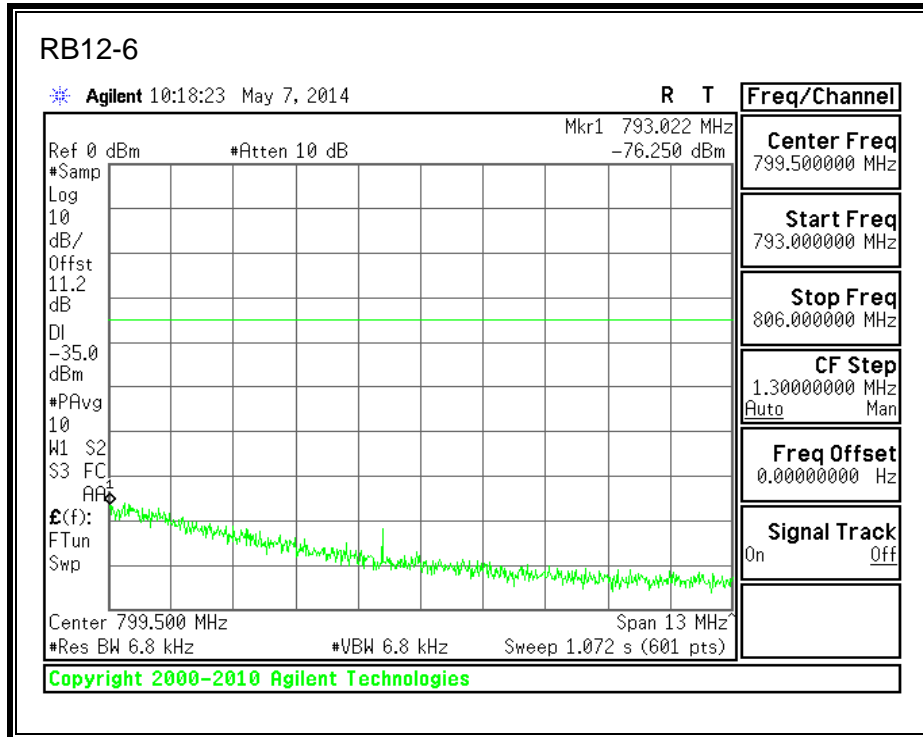
QPSK, 779.5MHz, 793 - 806MHz, (5MHz Bandwidth)



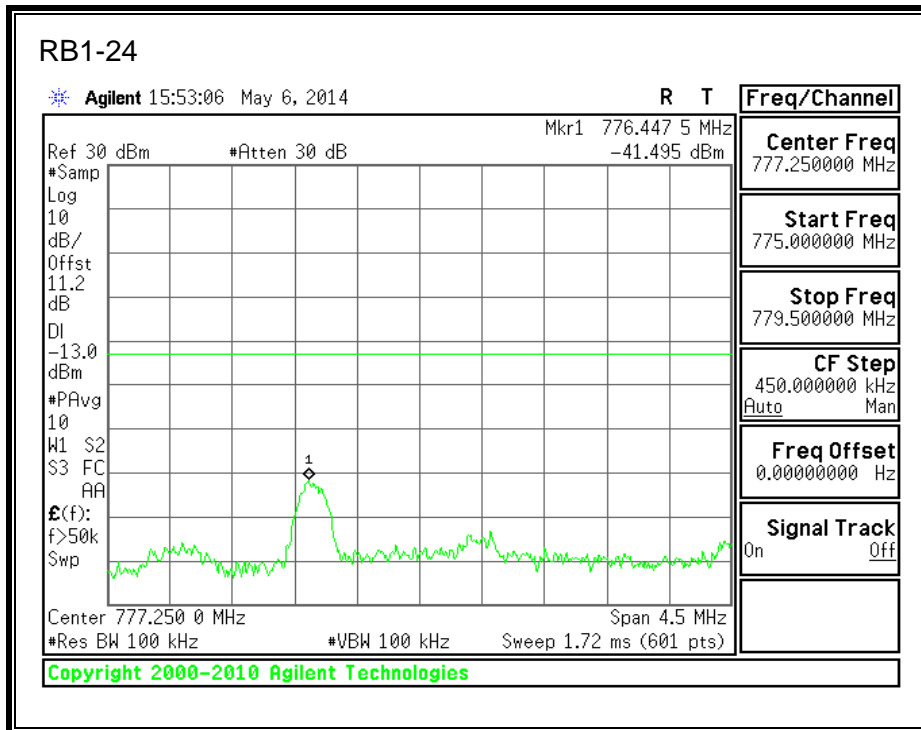
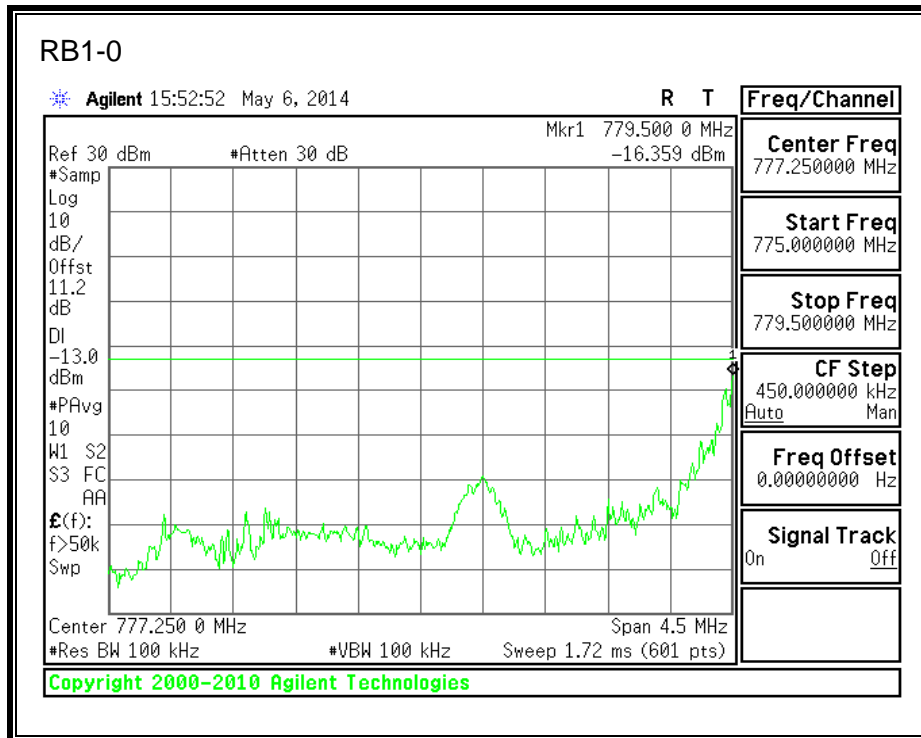


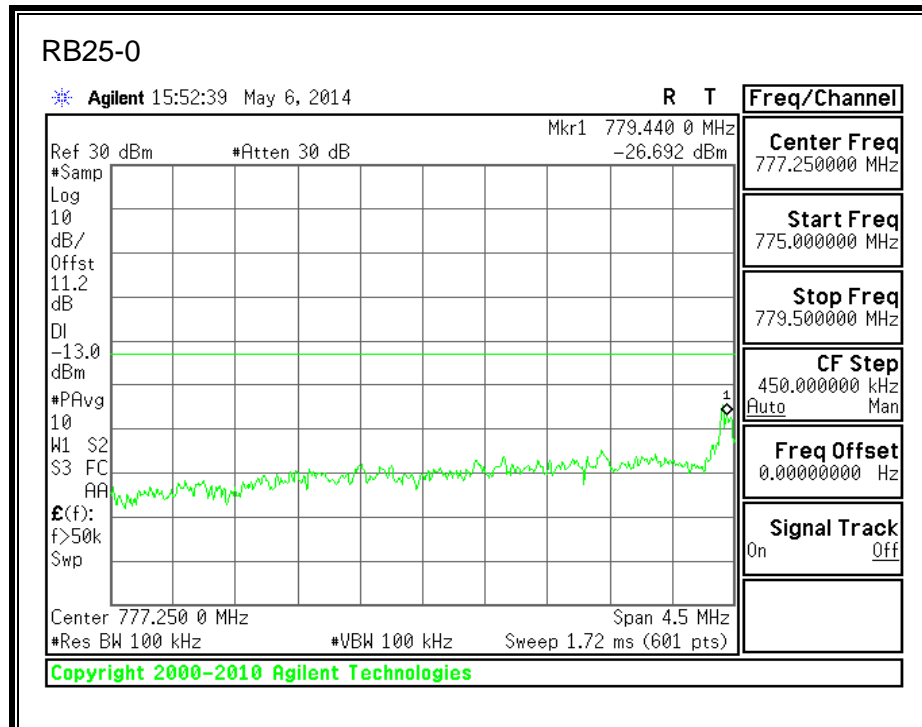
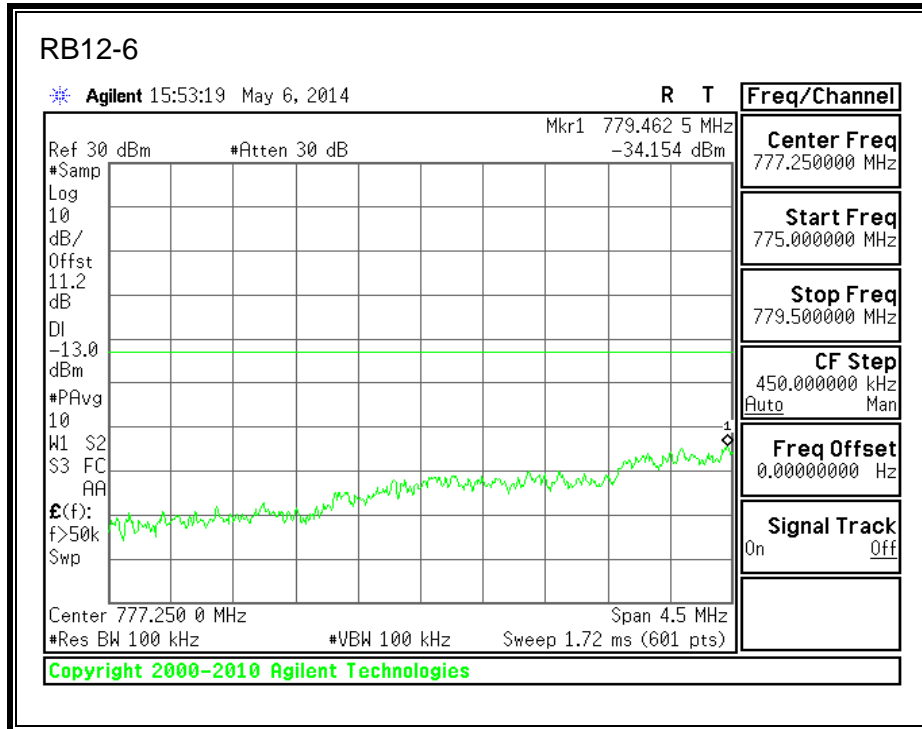
16QAM, 779.5MHz, 793 - 806MHz, (5MHz Bandwidth)



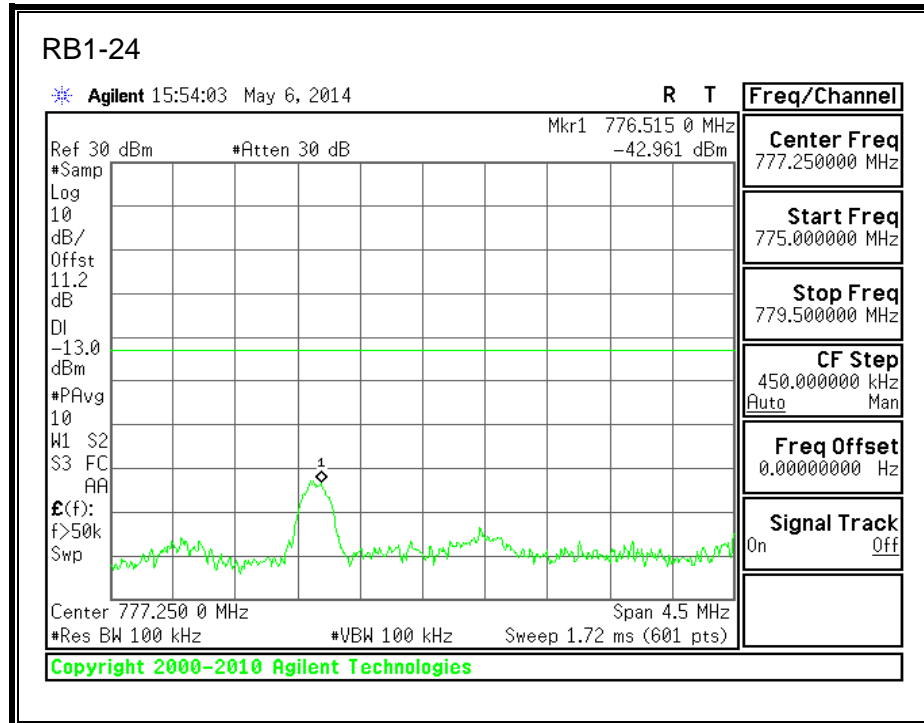
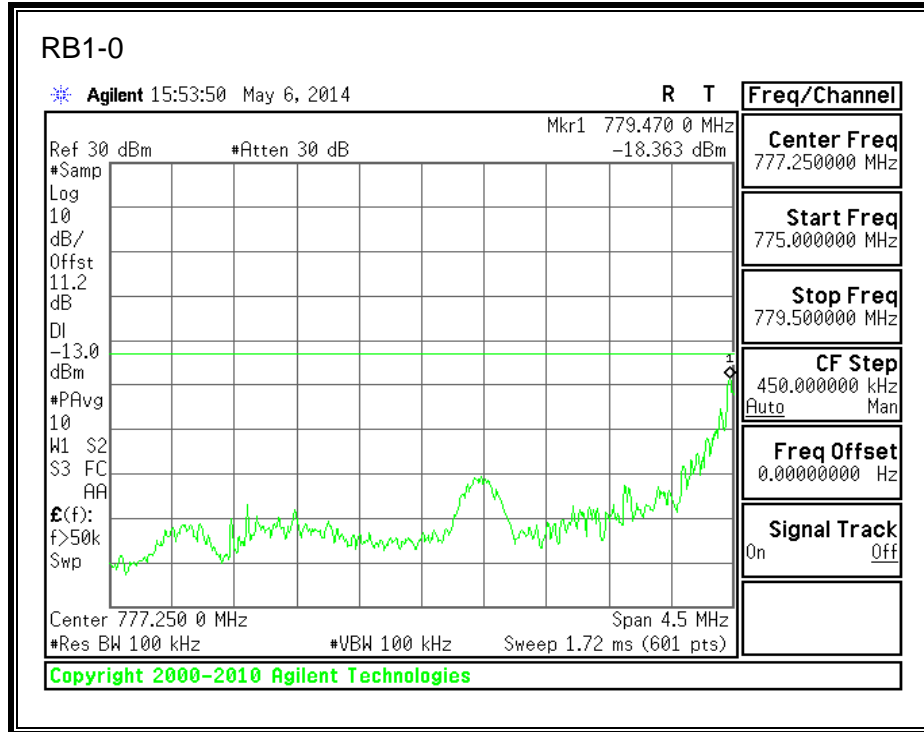


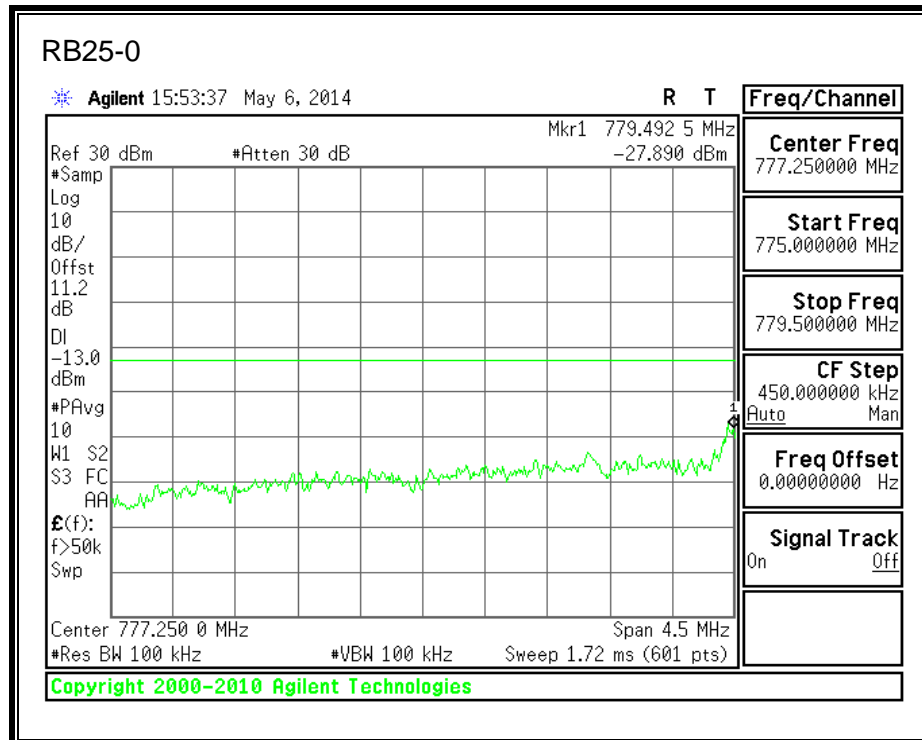
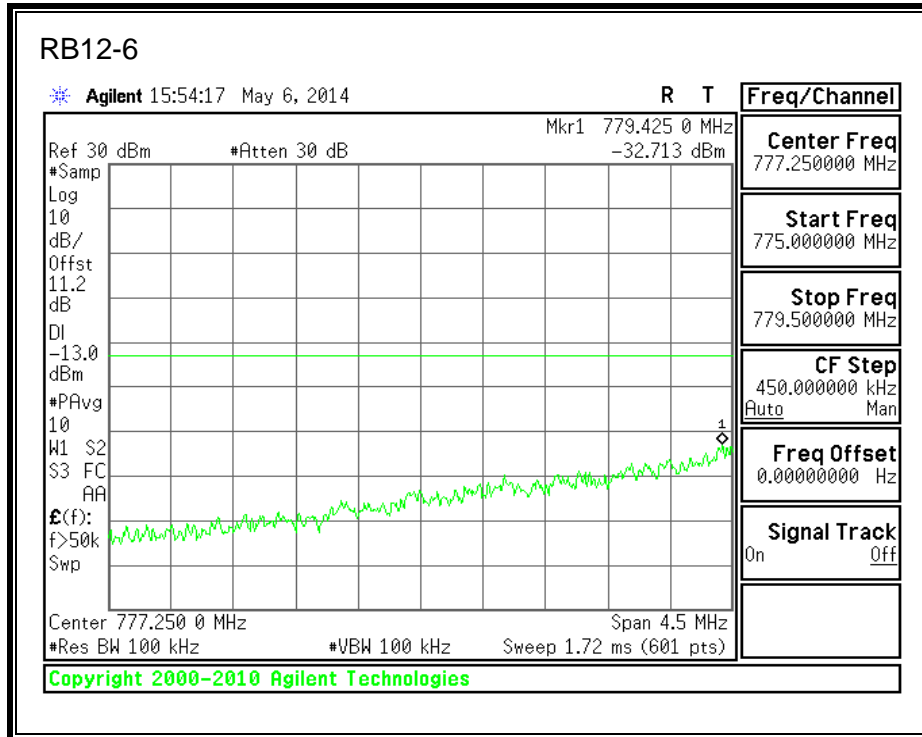
QPSK, 782MHz, 775 – 779.5MHz, (5MHz Bandwidth)



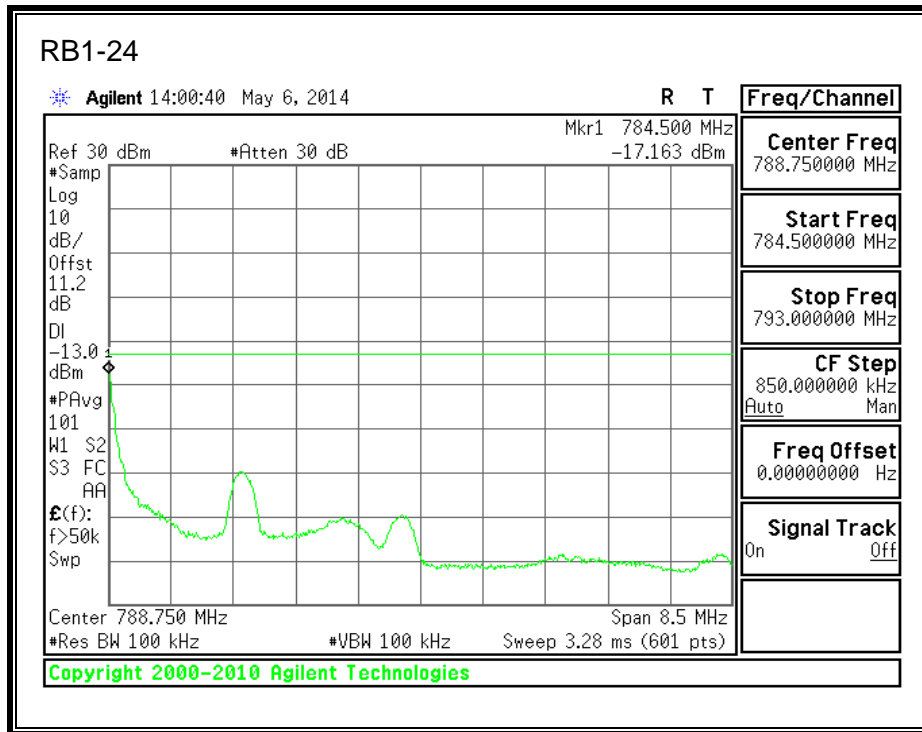
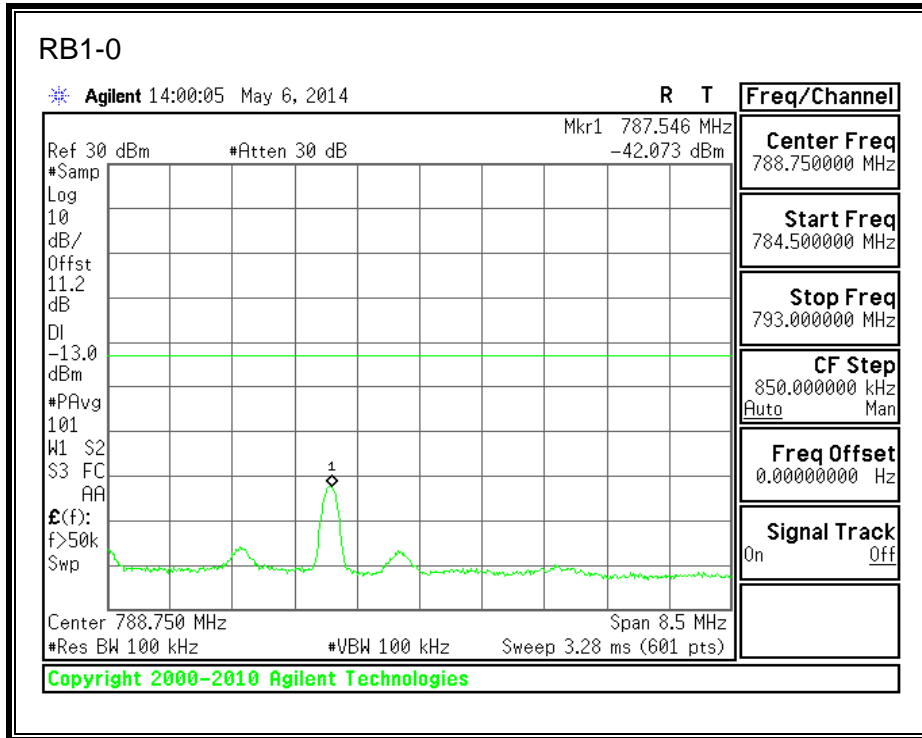


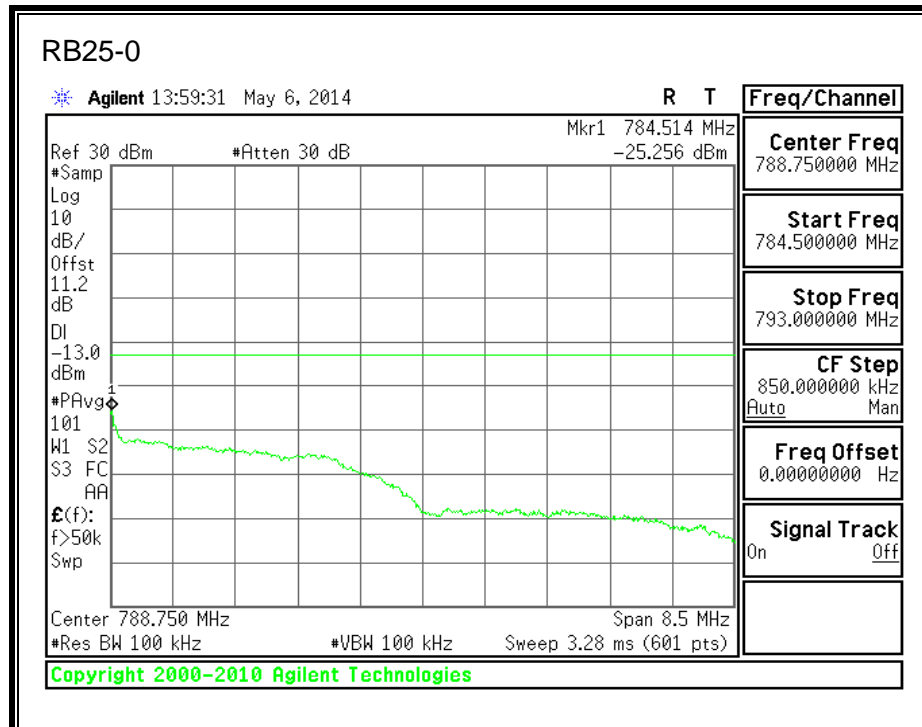
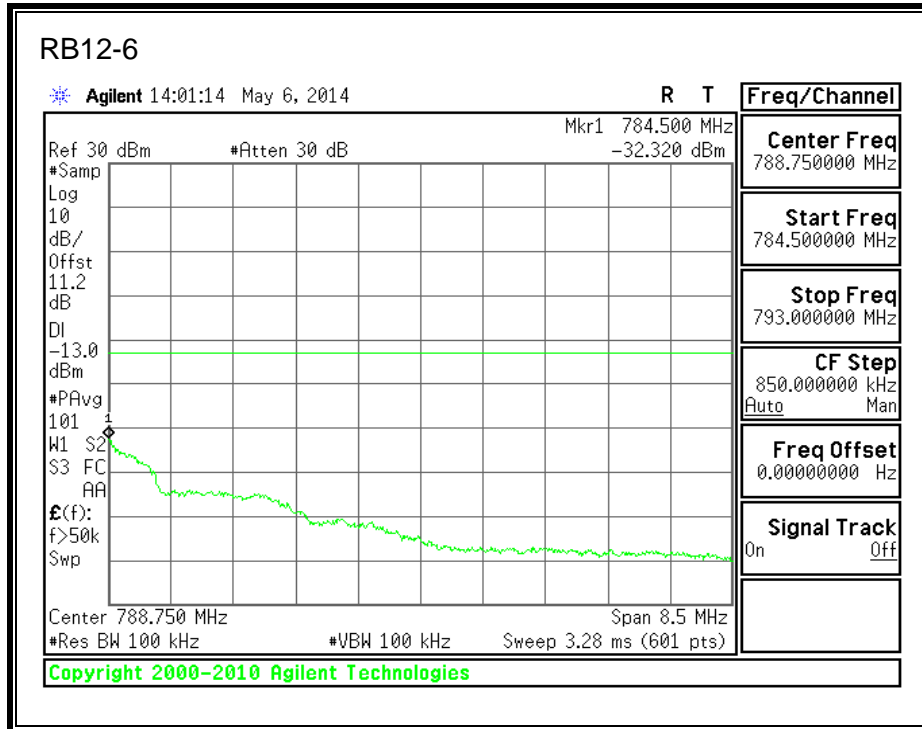
16QAM, 782MHz, 775 - 777MHz, (5MHz Bandwidth)



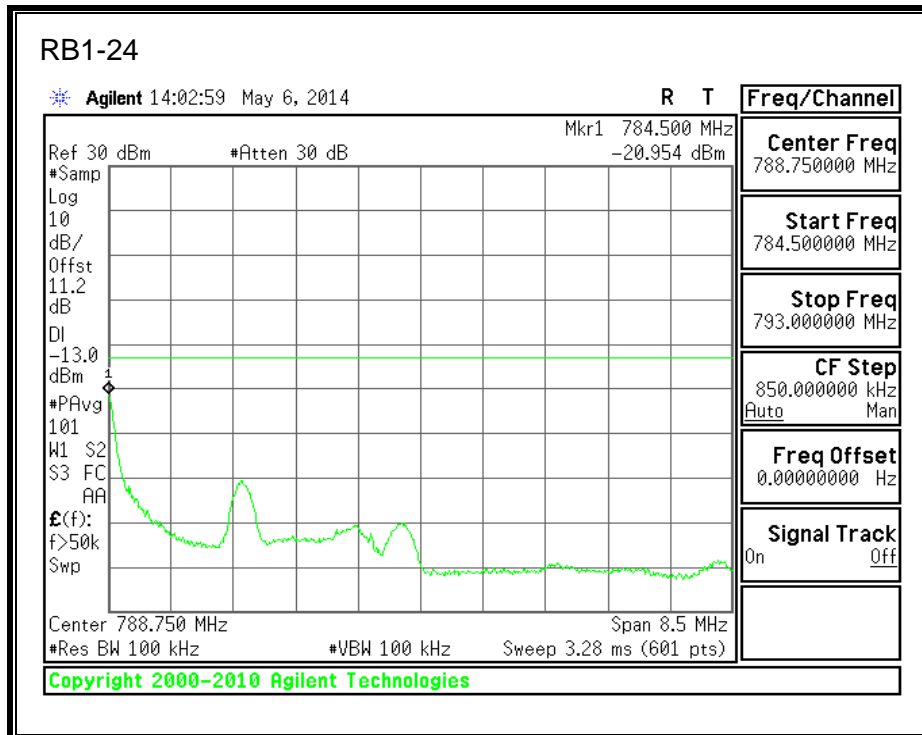
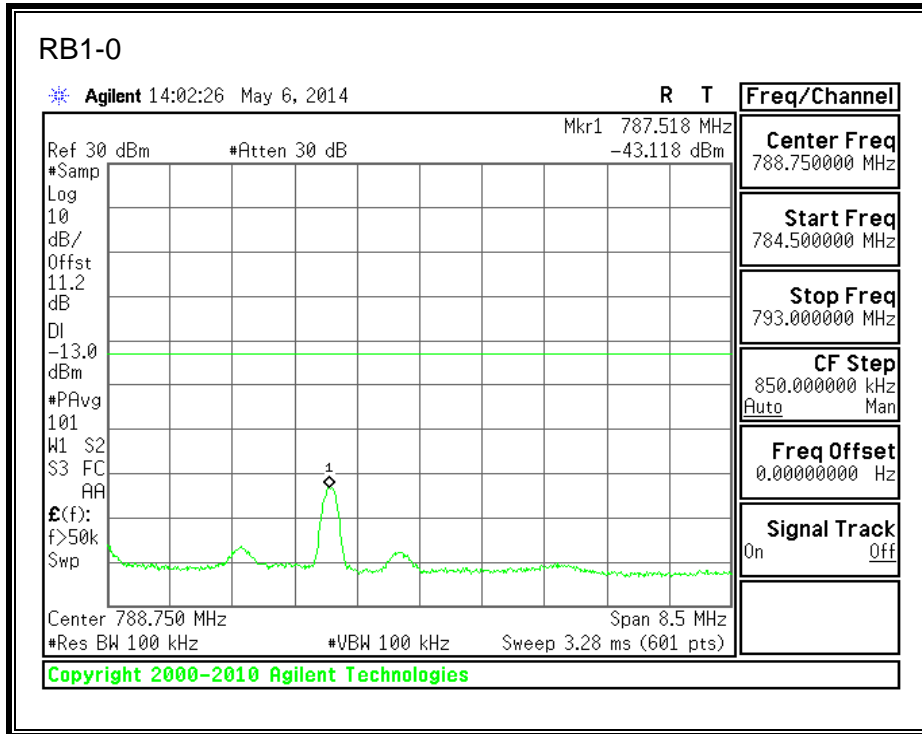


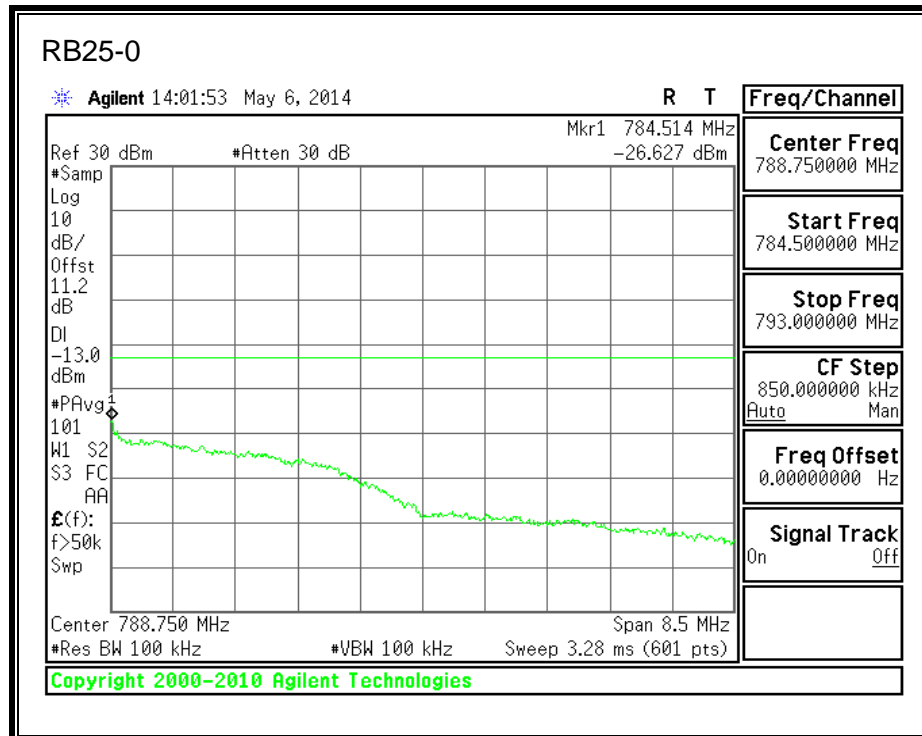
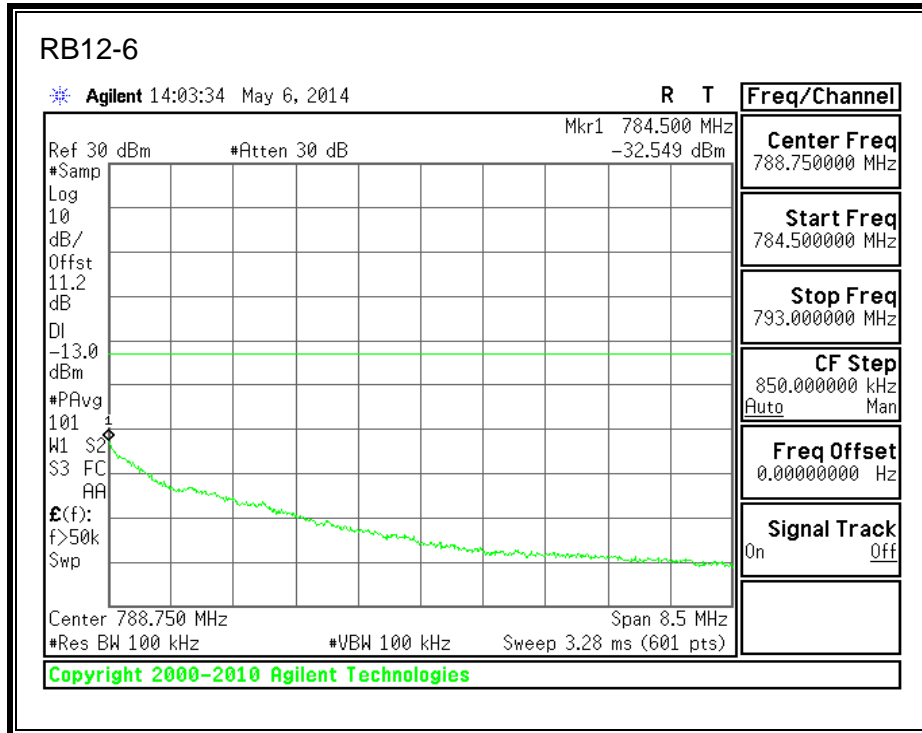
QPSK, 782MHz, 784.5 - 793MHz, (5MHz Bandwidth)



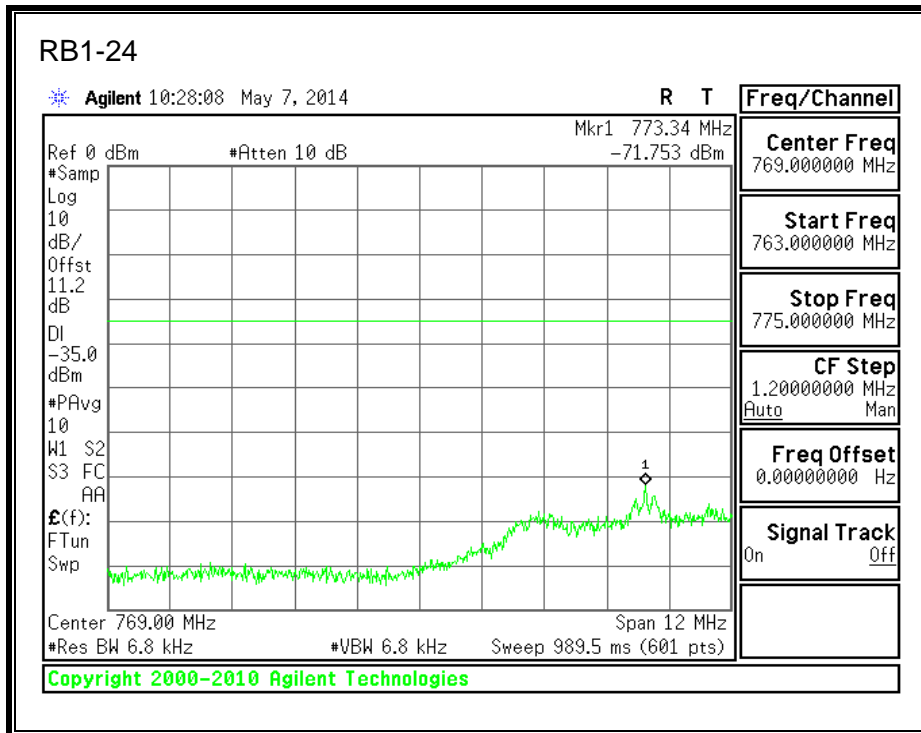
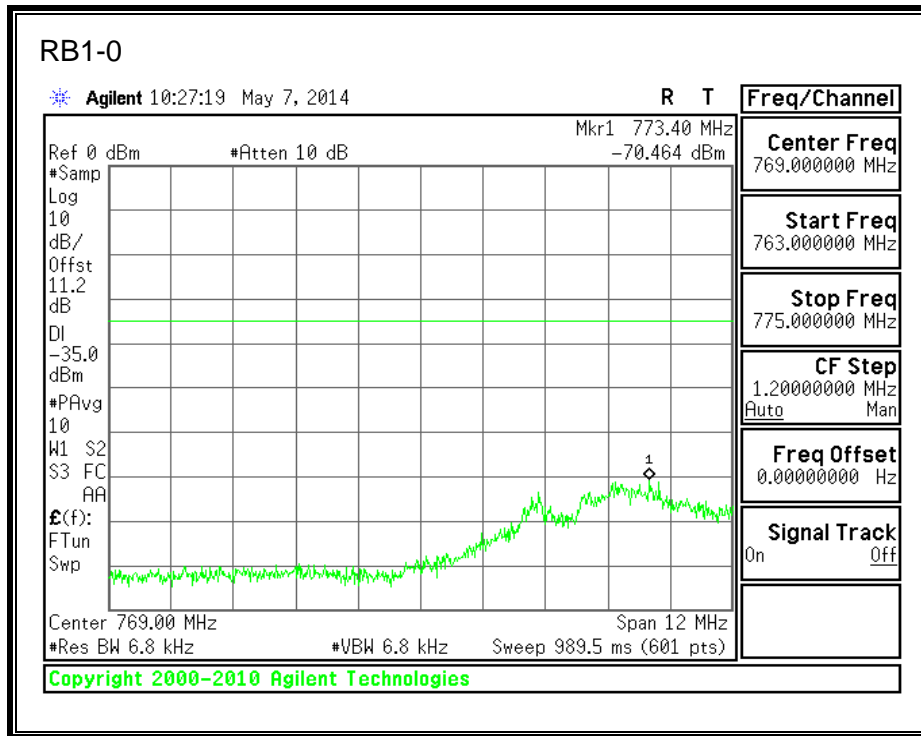


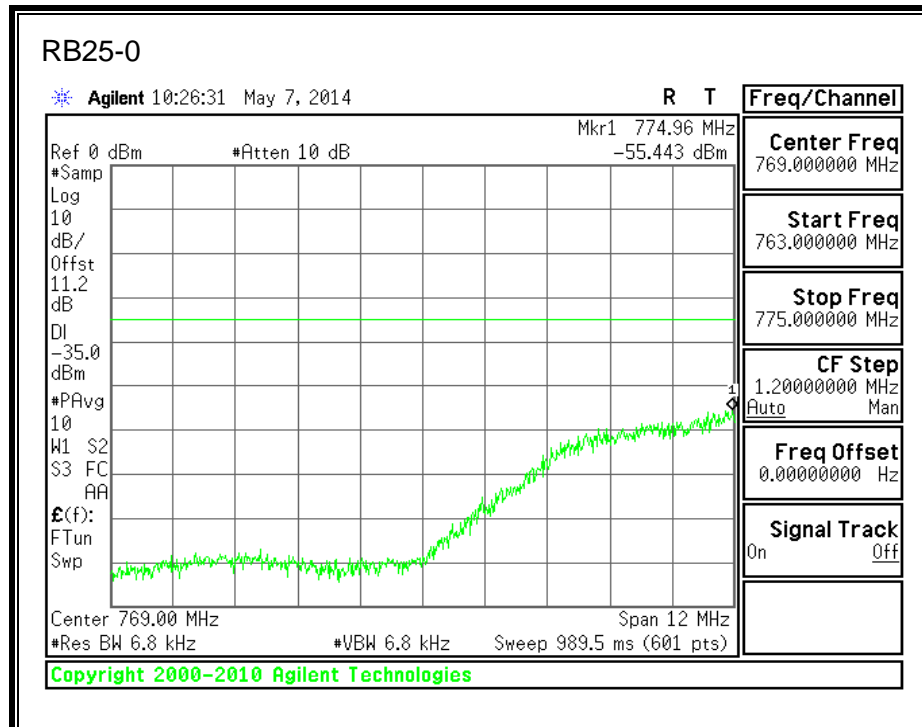
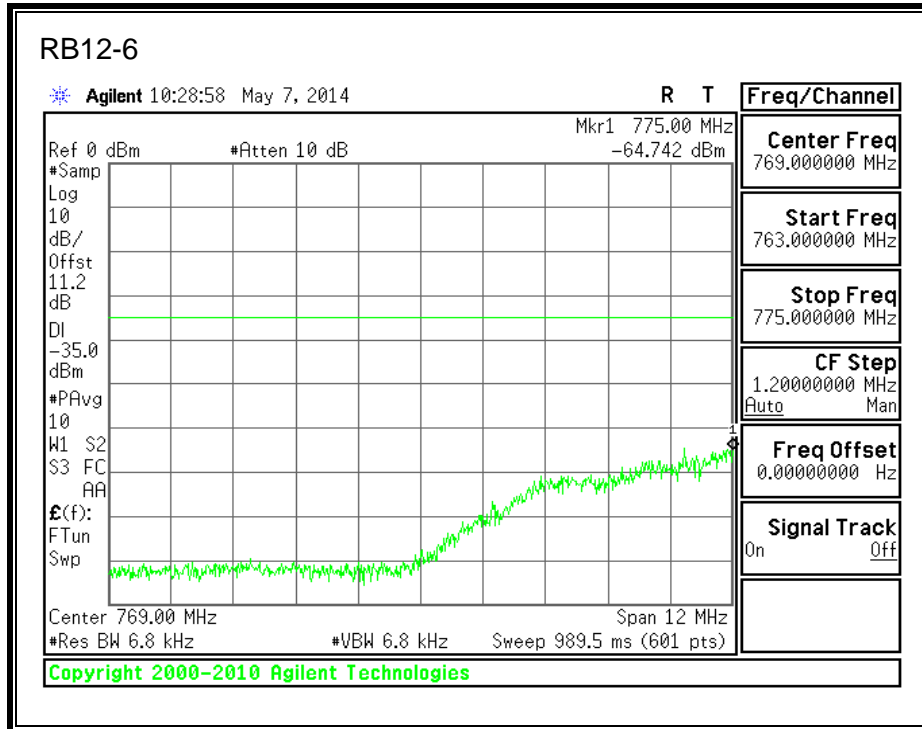
16QAM, 782MHz, 784.5 - 793MHz, (5MHz Bandwidth)



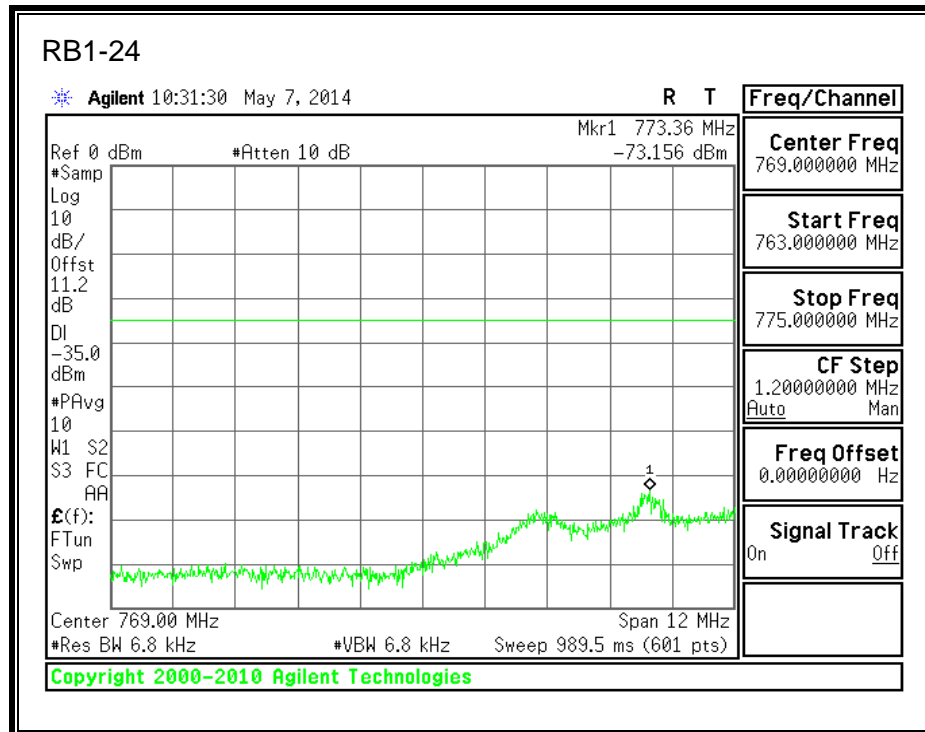
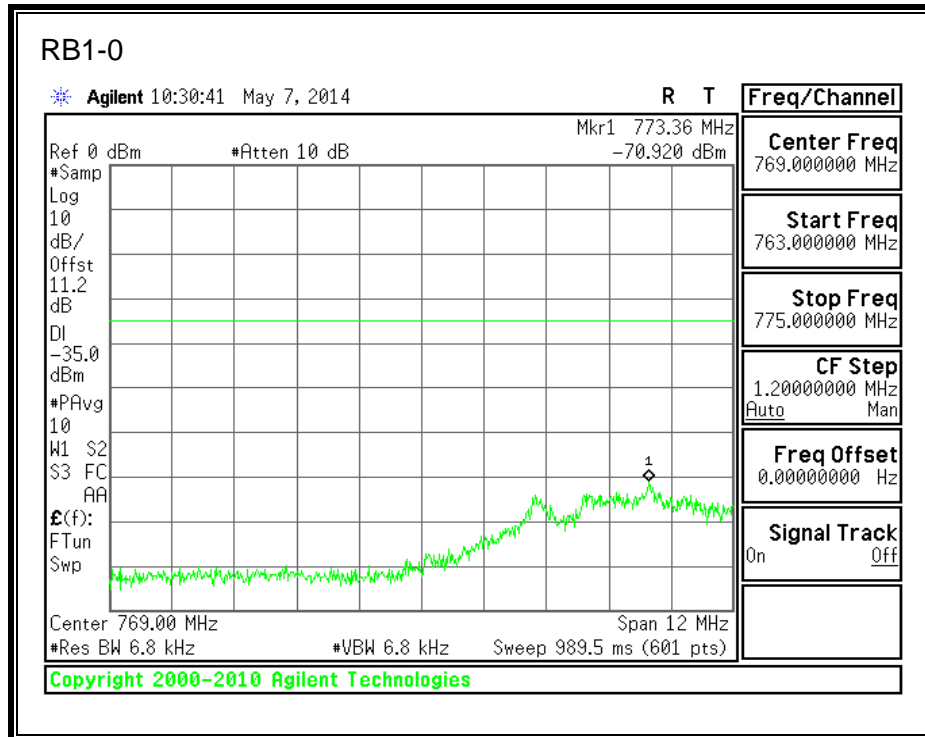


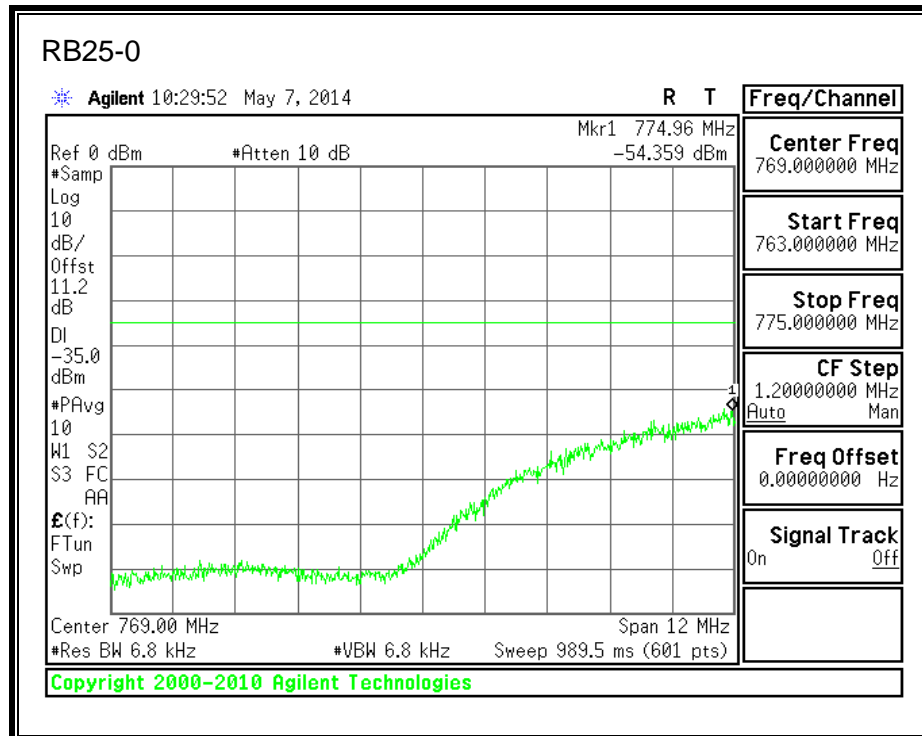
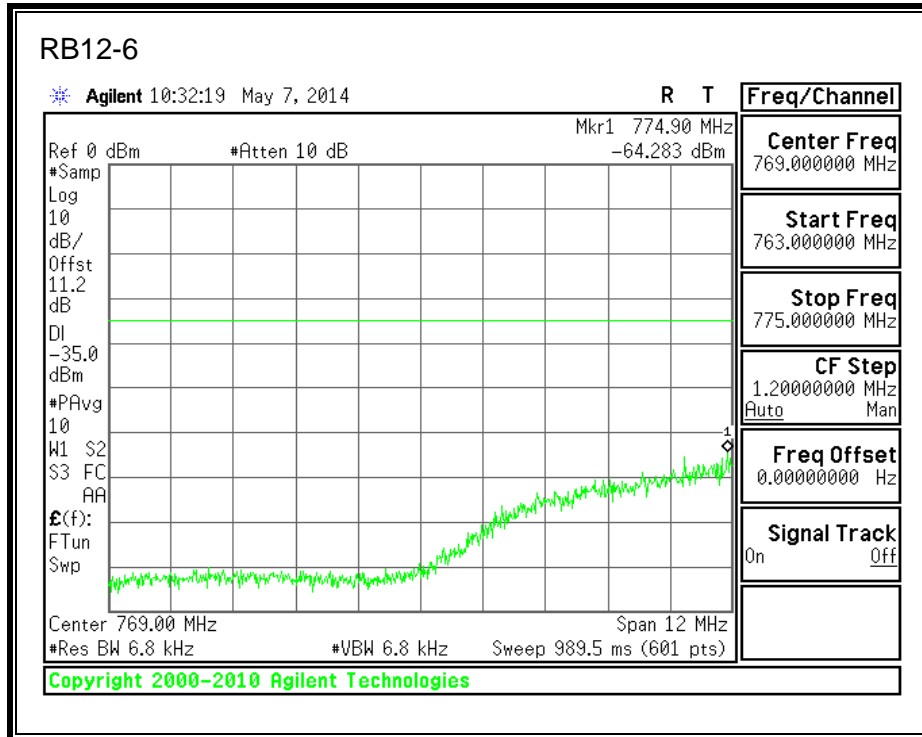
QPSK, 782MHz, 763 - 775MHz, (5MHz Bandwidth)



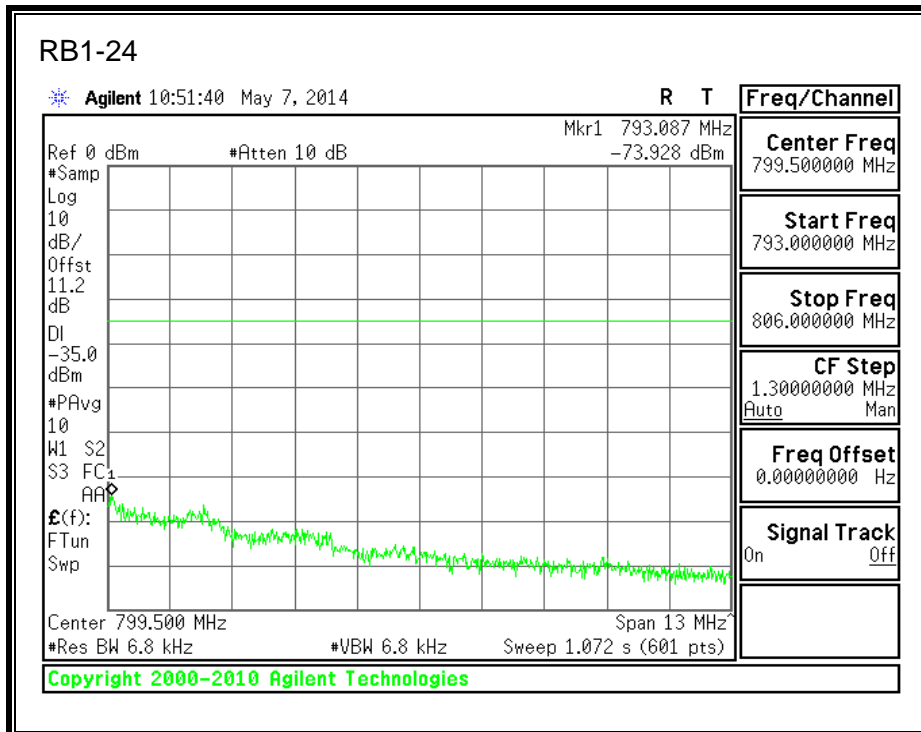
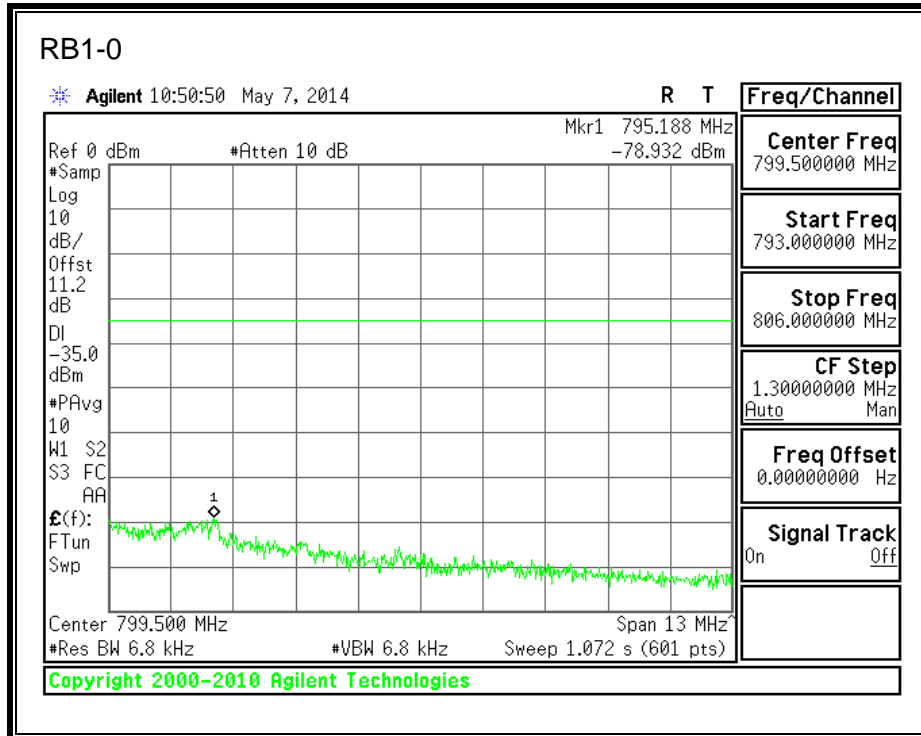


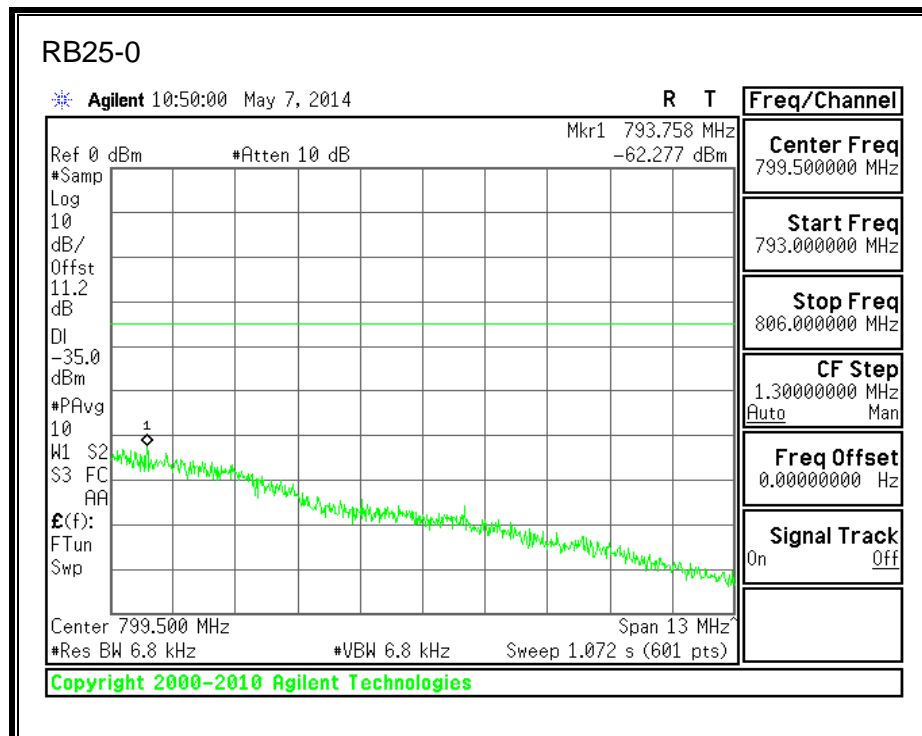
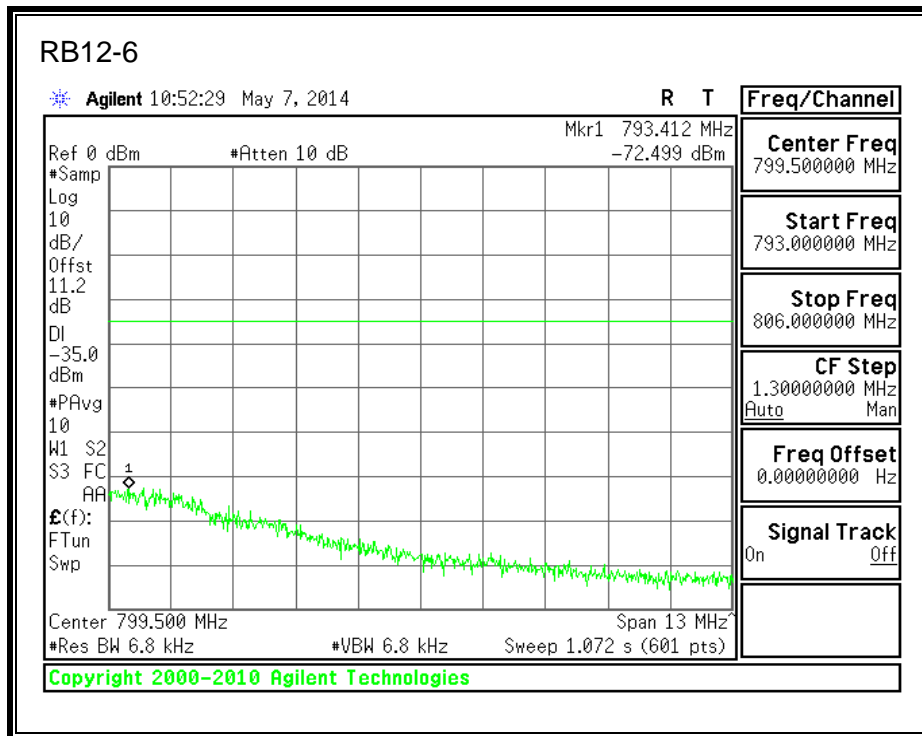
16QAM, 782MHz, 763 - 775MHz, (5MHz Bandwidth)



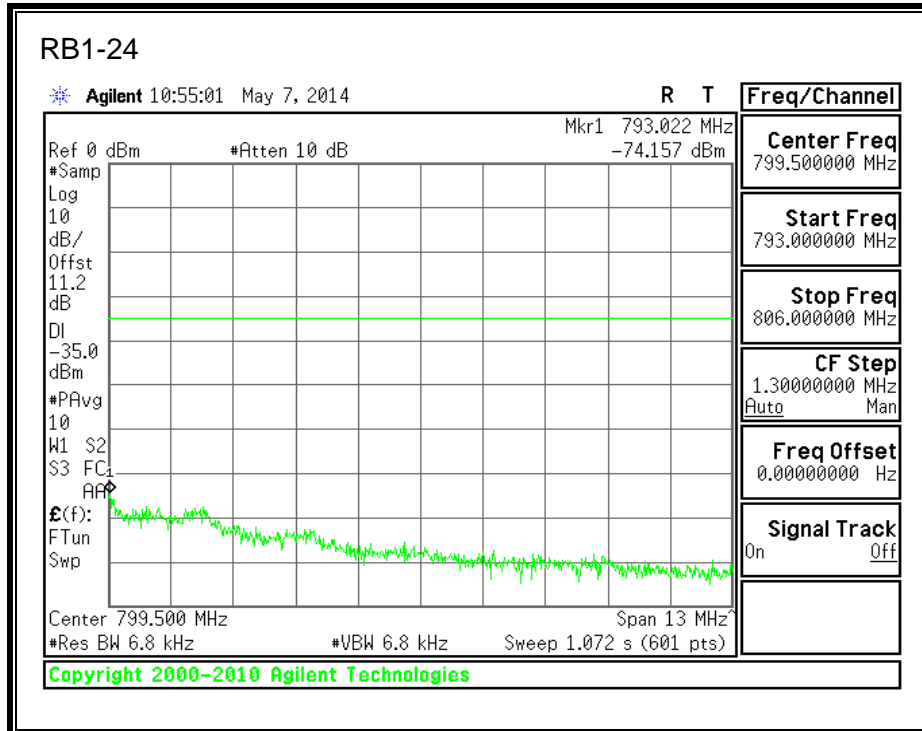
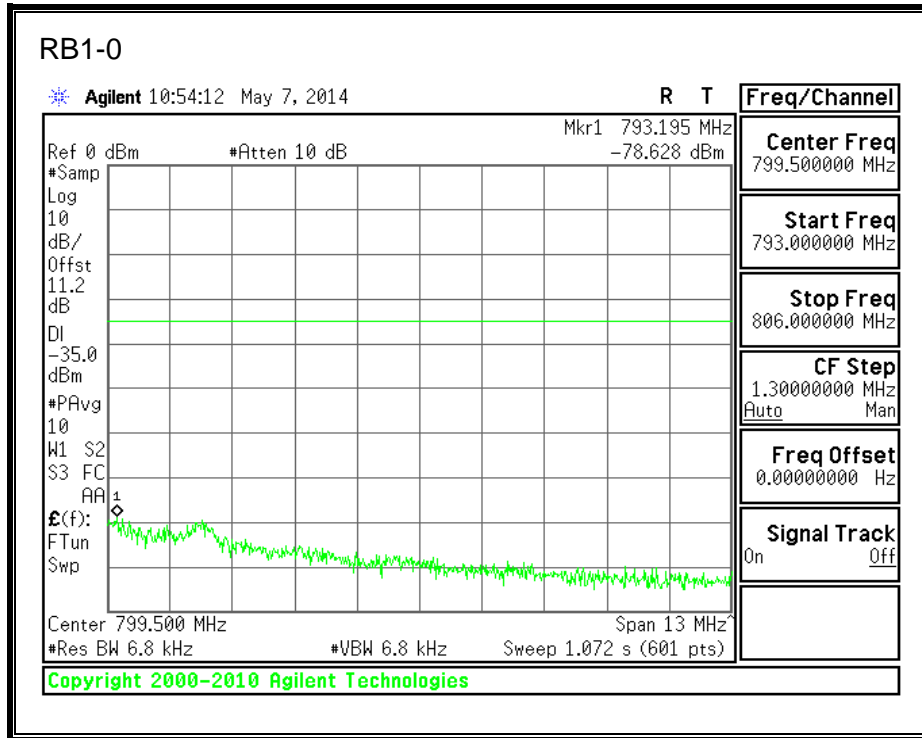


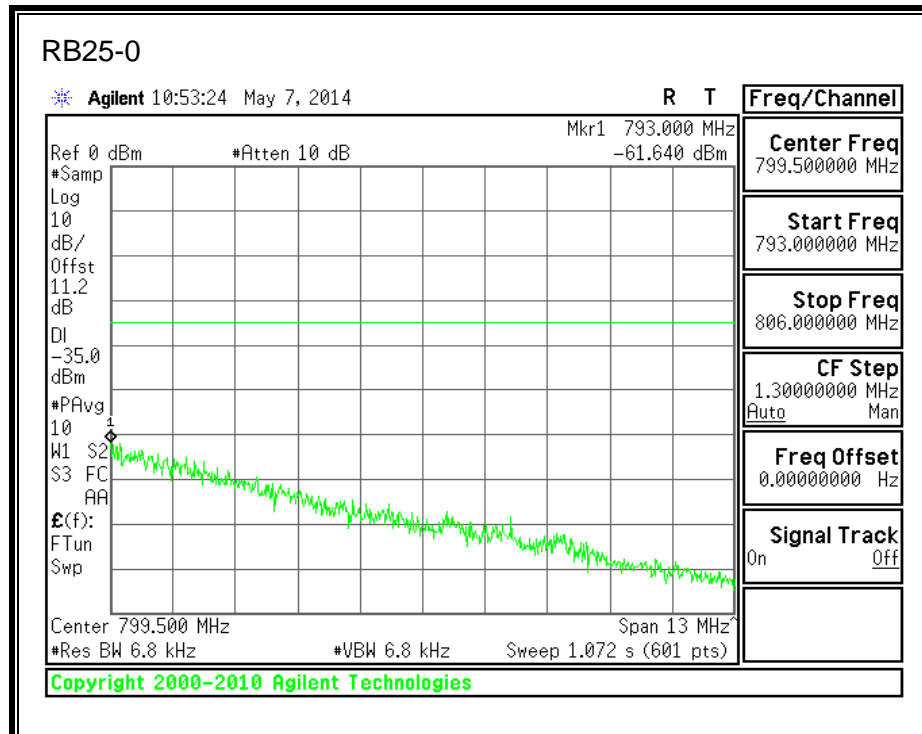
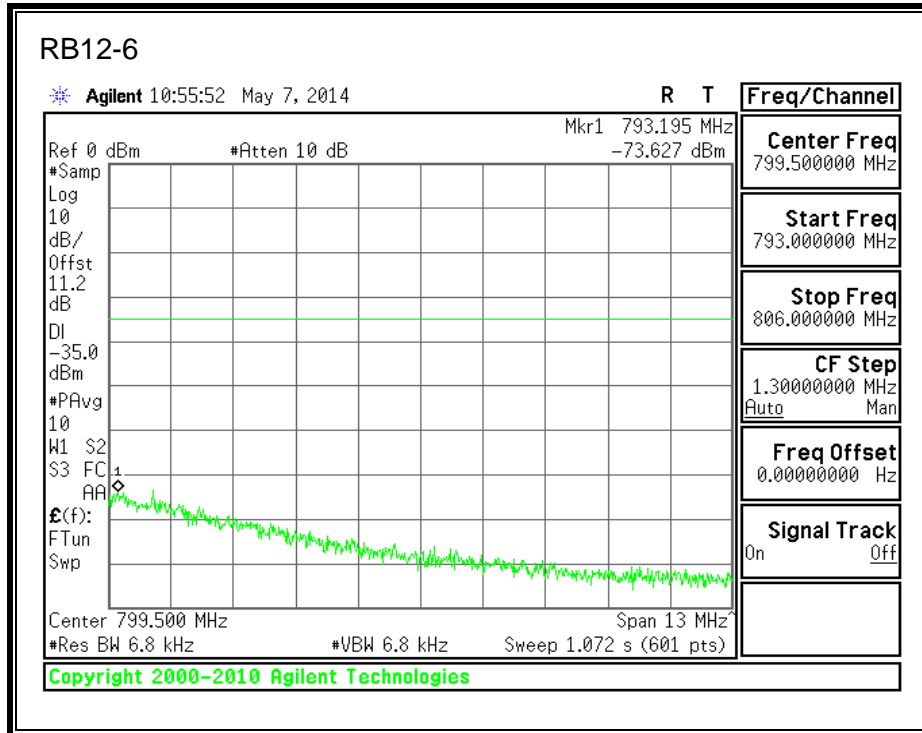
QPSK, 782MHz, 793 - 806MHz, (5MHz Bandwidth)



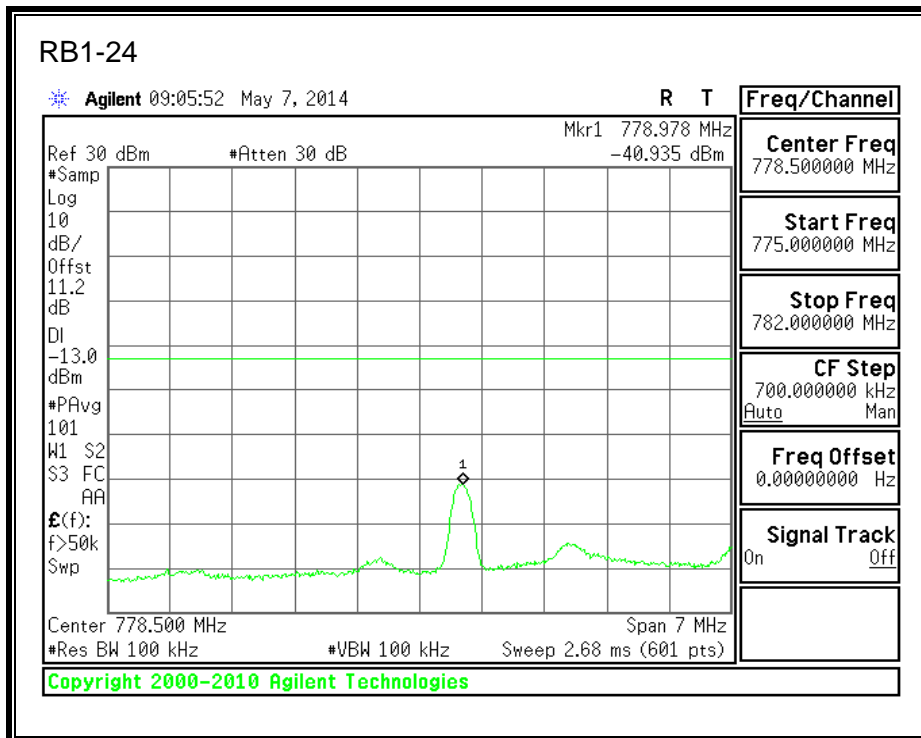
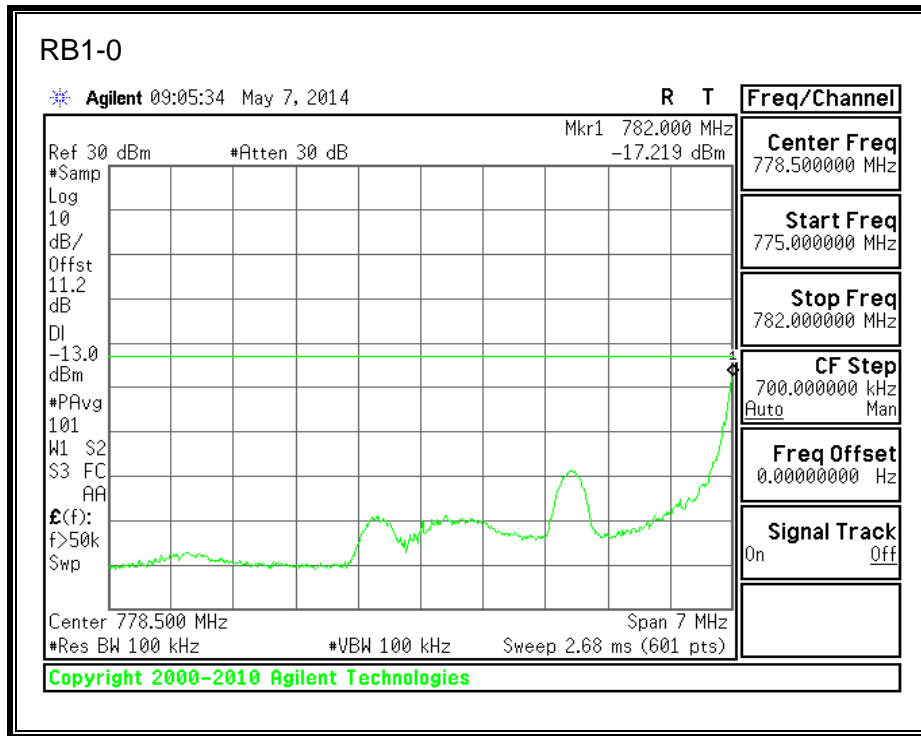


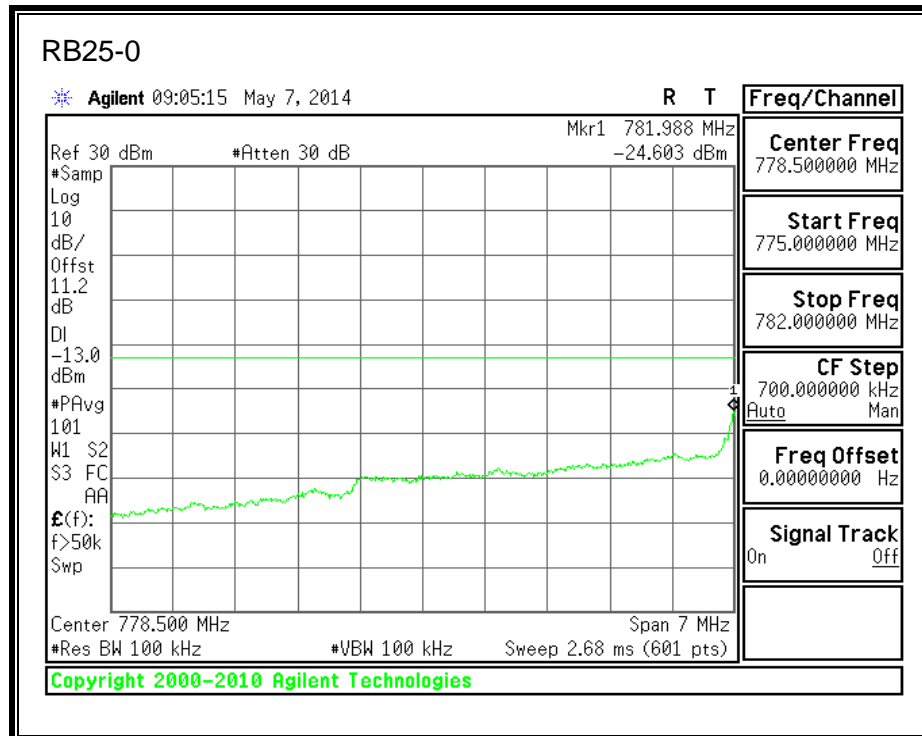
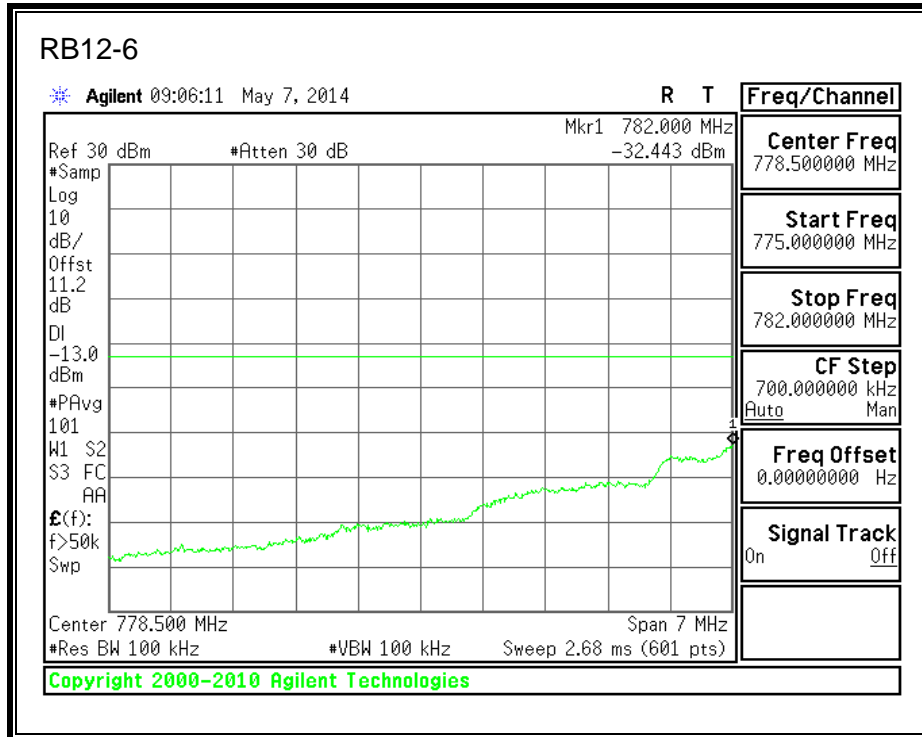
16QAM, 782MHz, 793 - 806MHz, (5MHz Bandwidth)



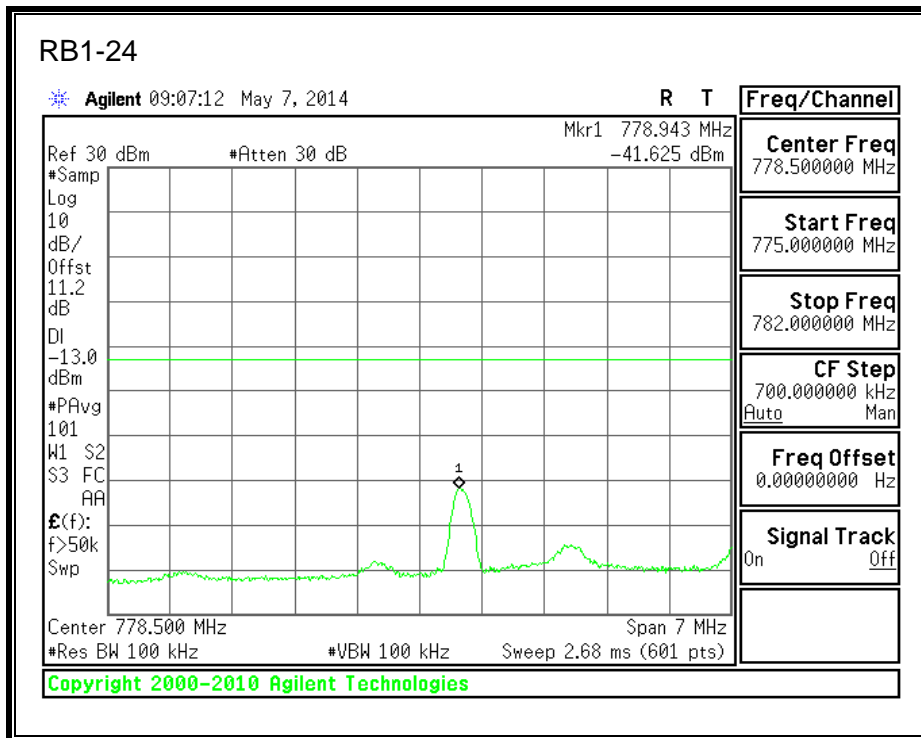
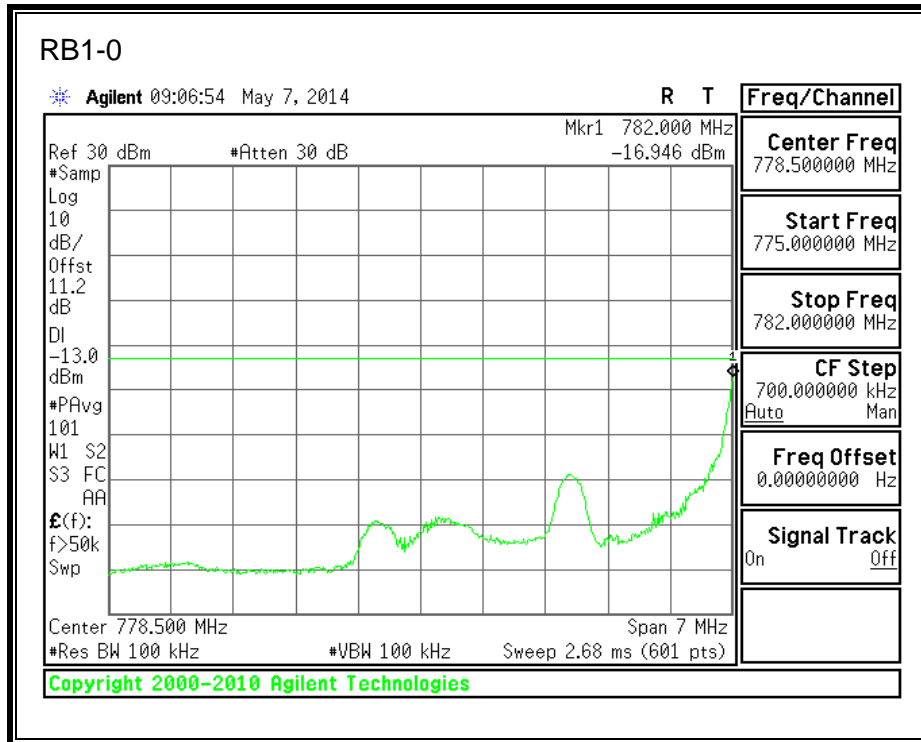


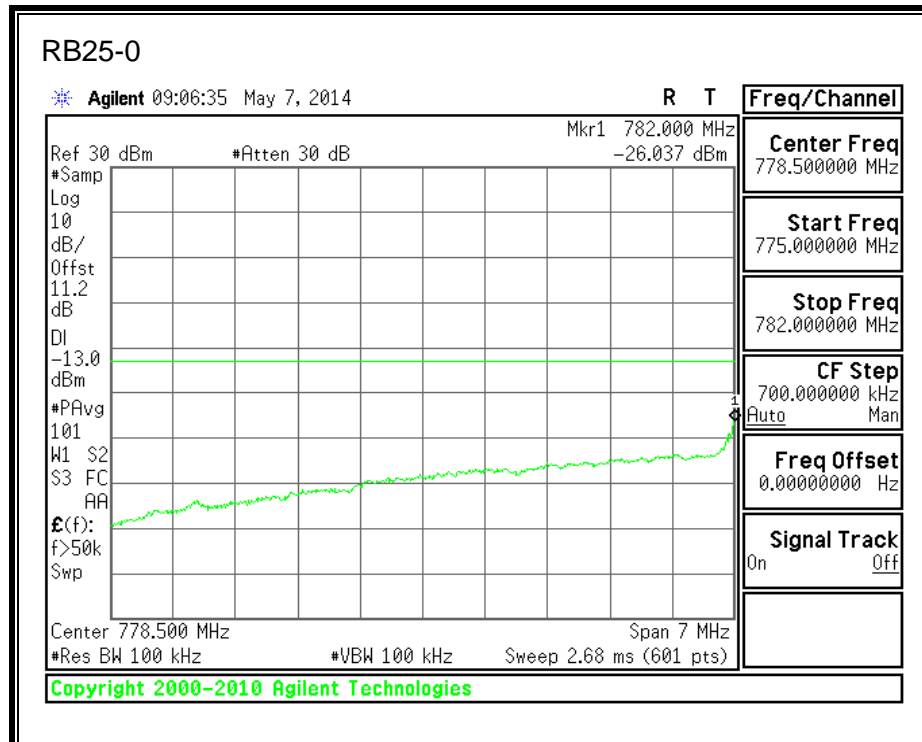
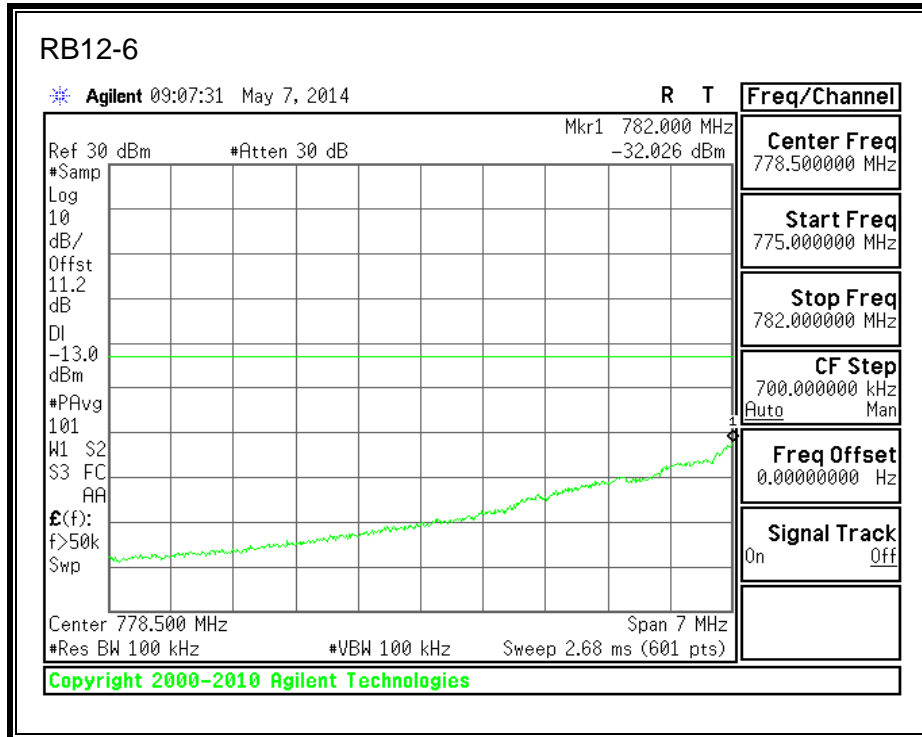
QPSK, 784.5MHz, 775 - 782MHz, (5MHz Bandwidth)



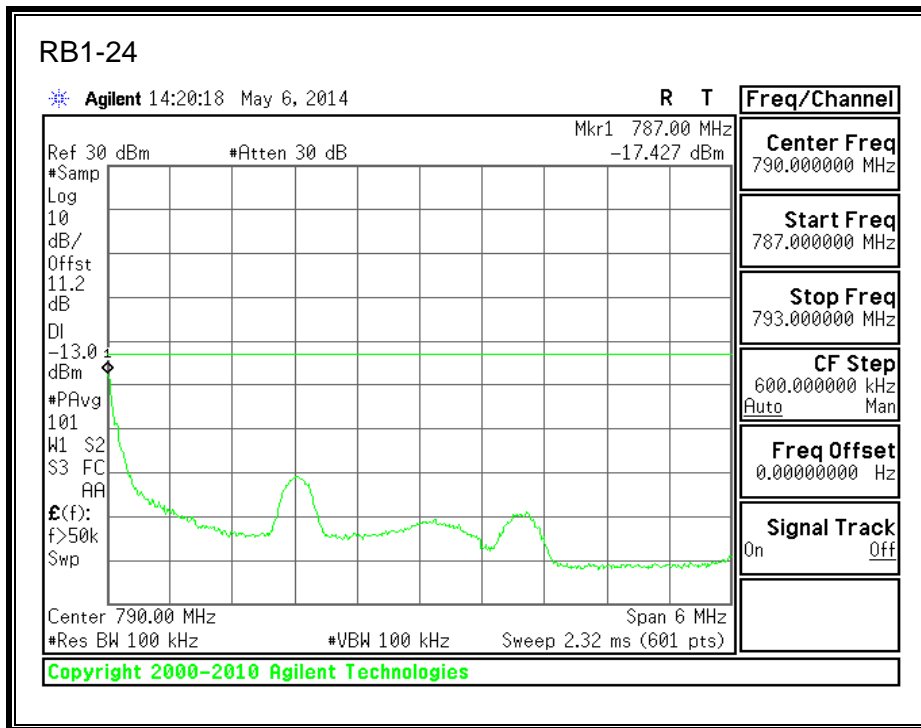
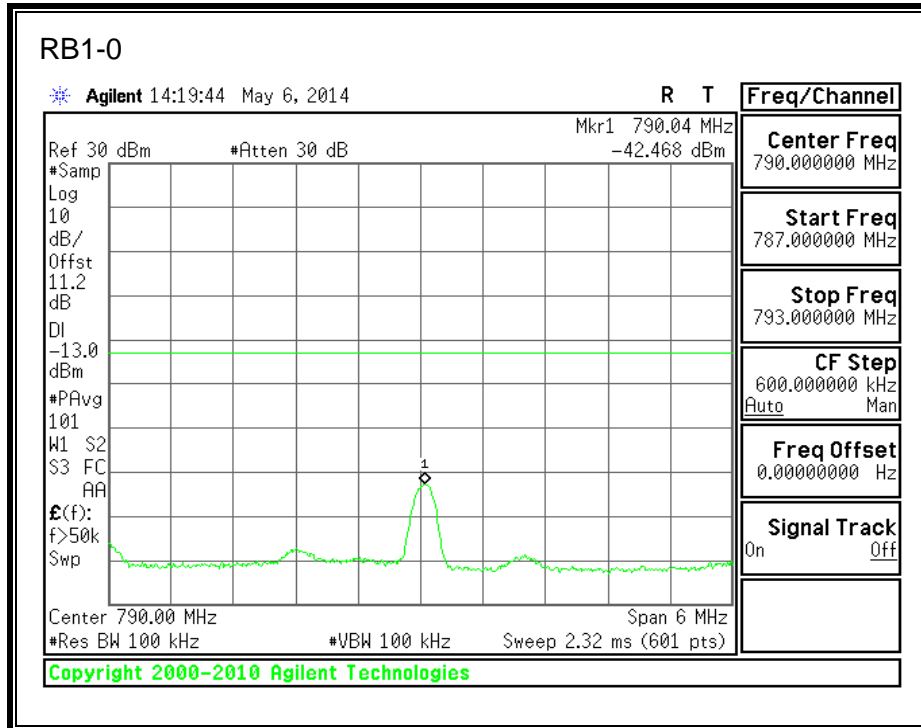


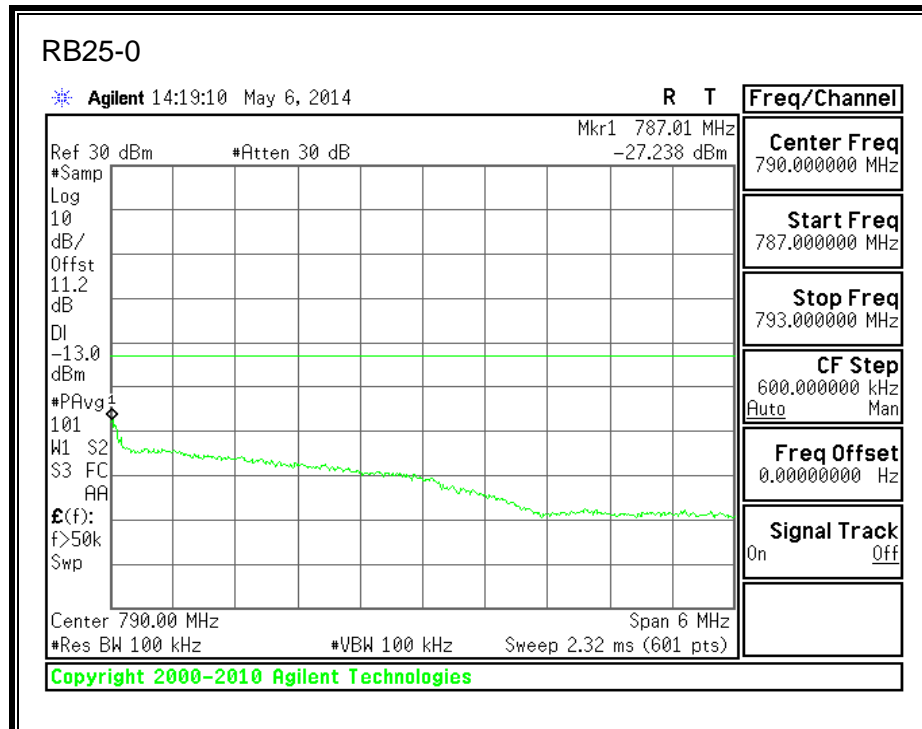
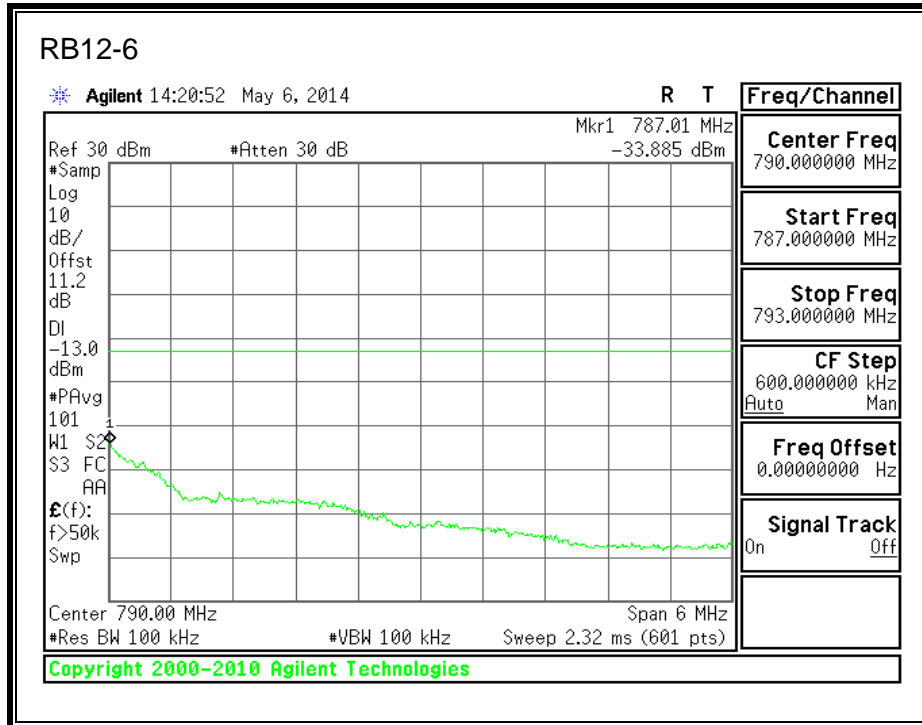
16QAM, 784.5MHz, 775 - 782MHz, (5MHz Bandwidth)



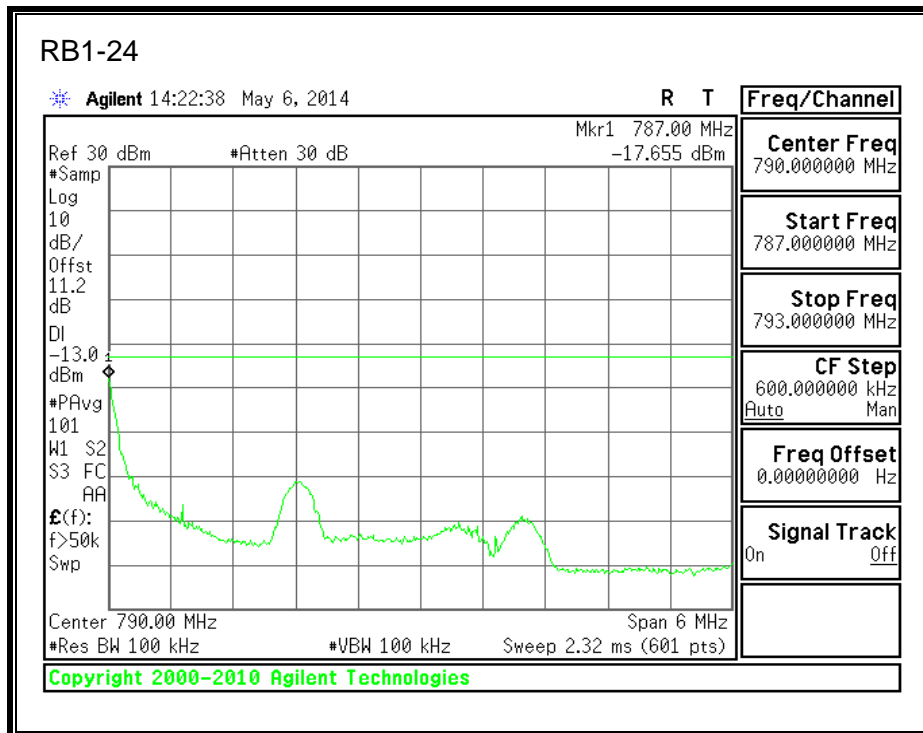
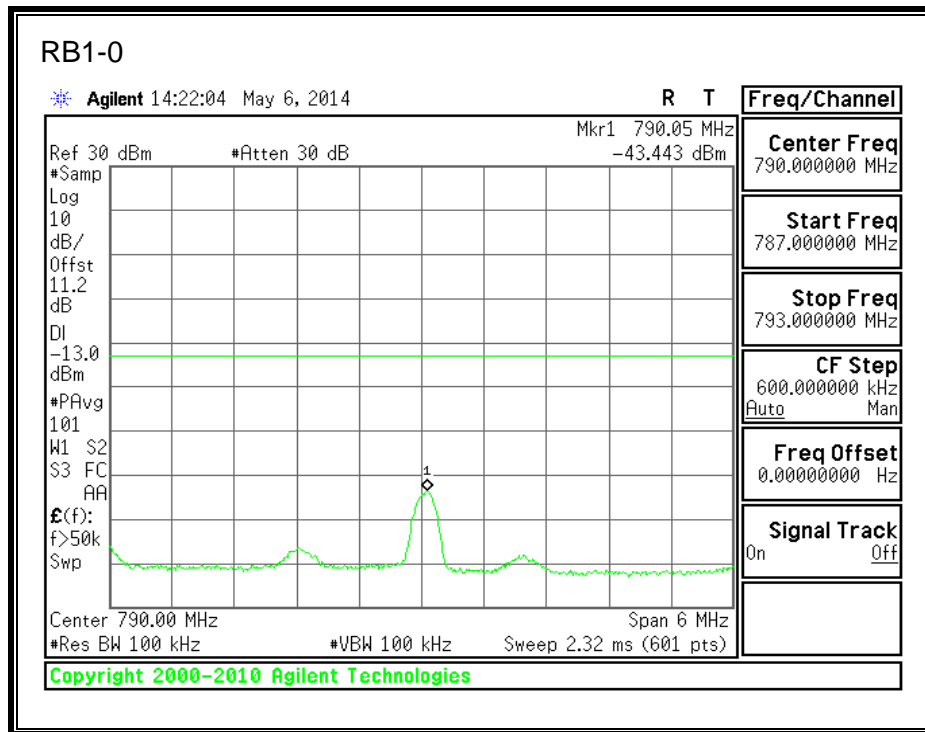


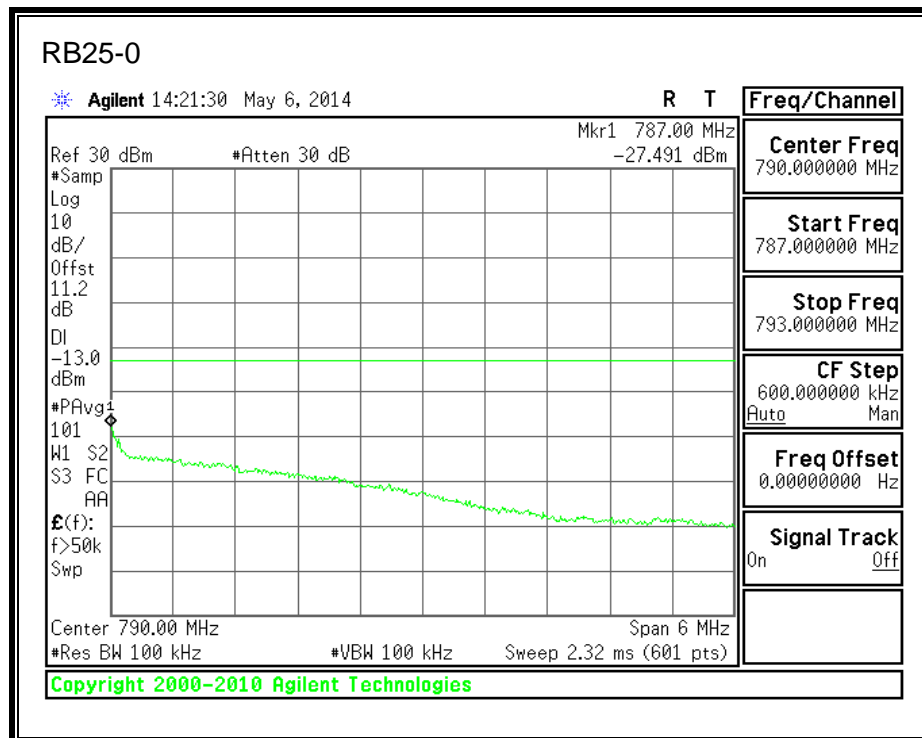
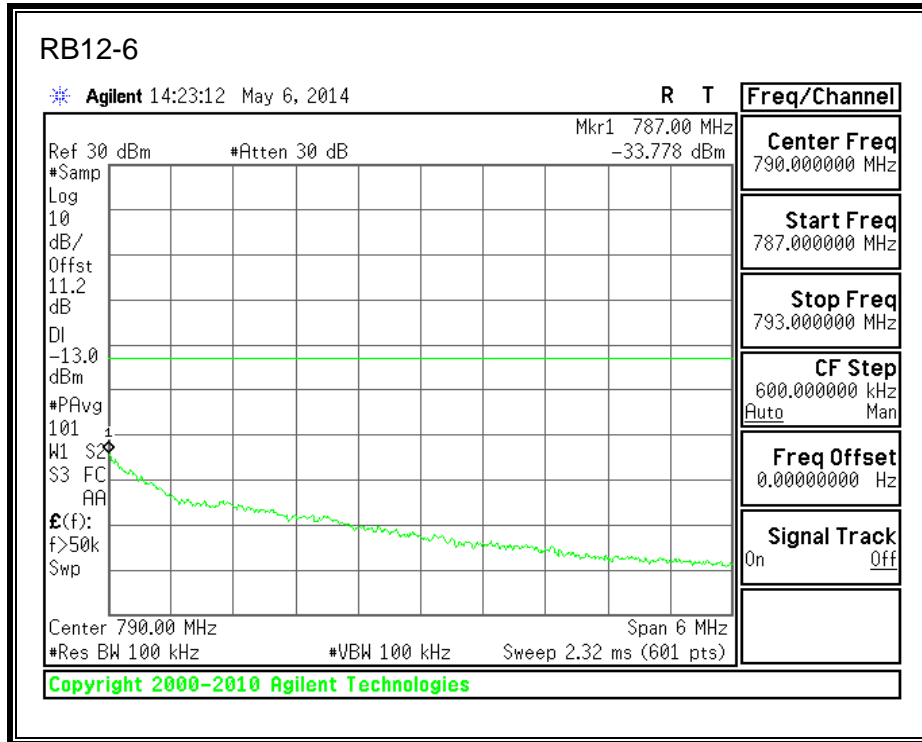
QPSK, 784.5MHz, 787 - 793MHz, (5MHz Bandwidth)



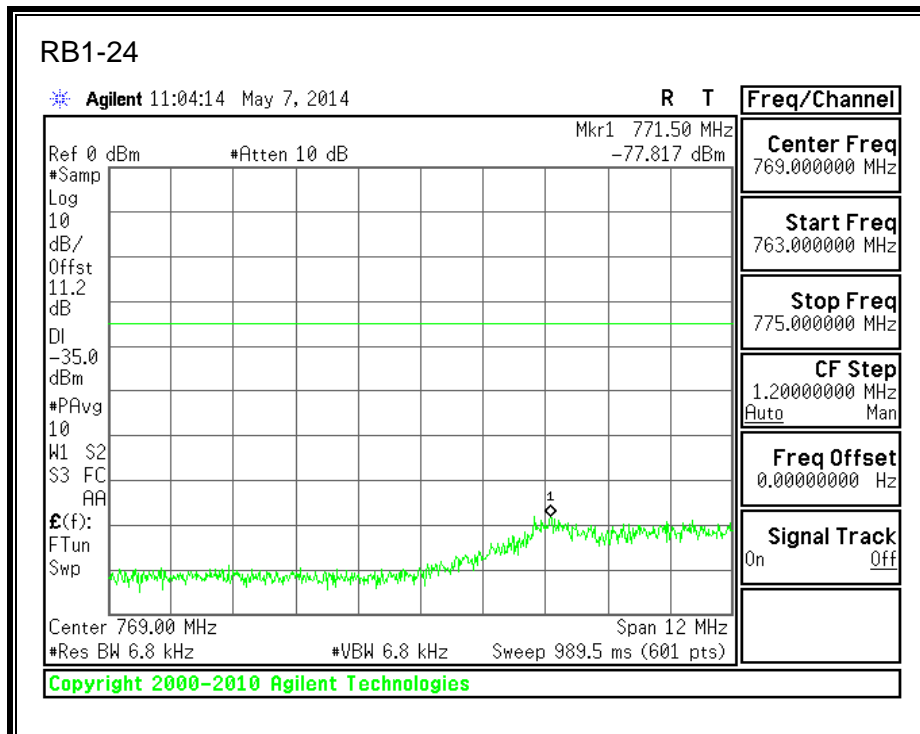
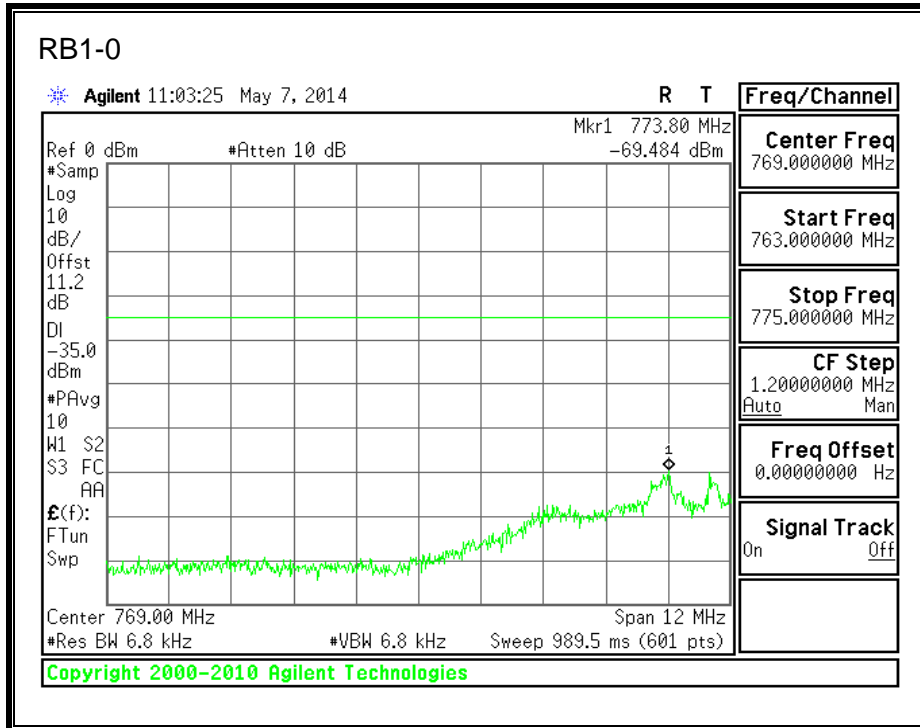


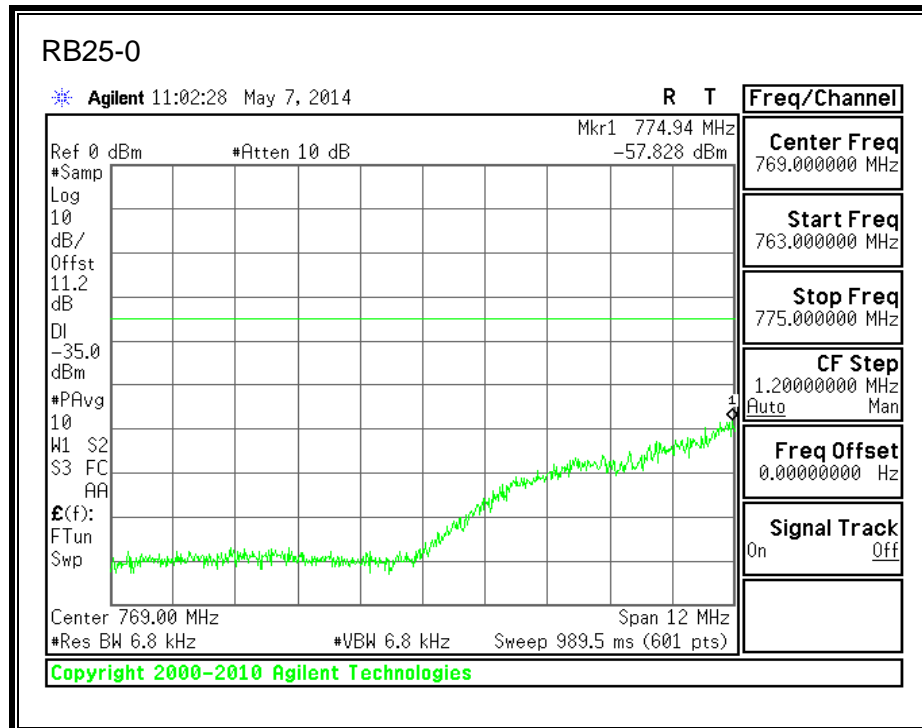
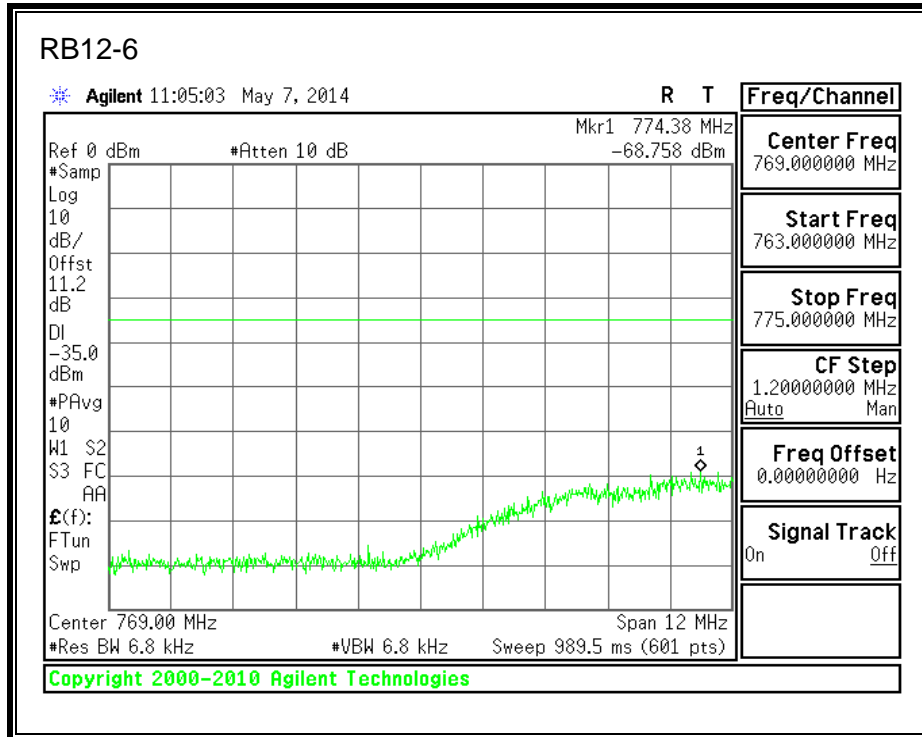
16QAM, 784.5MHz, 787 - 793MHz, (5MHz Bandwidth)



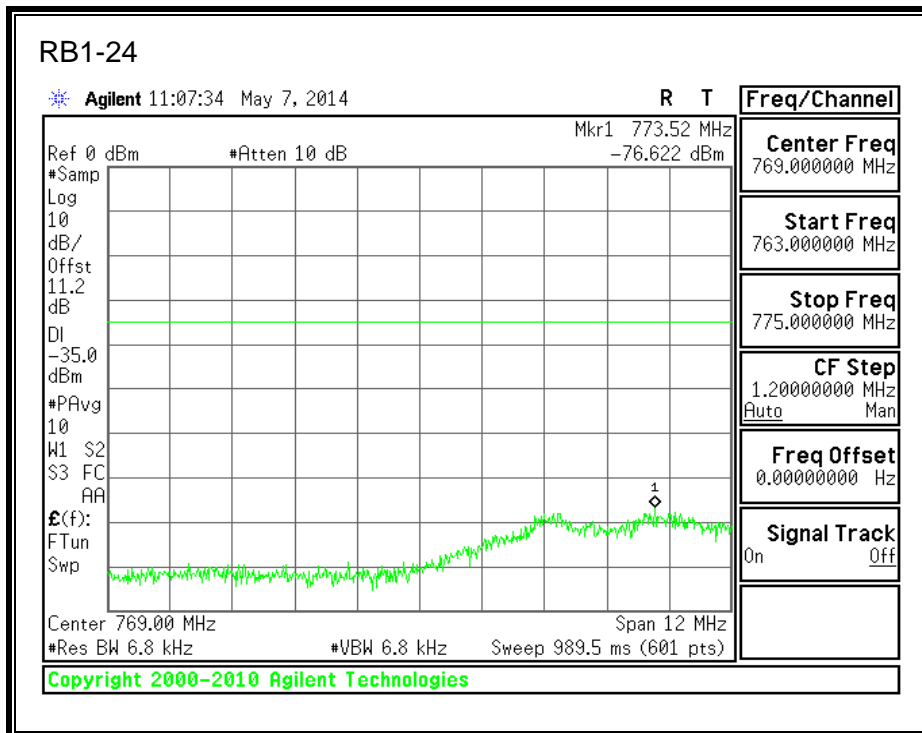
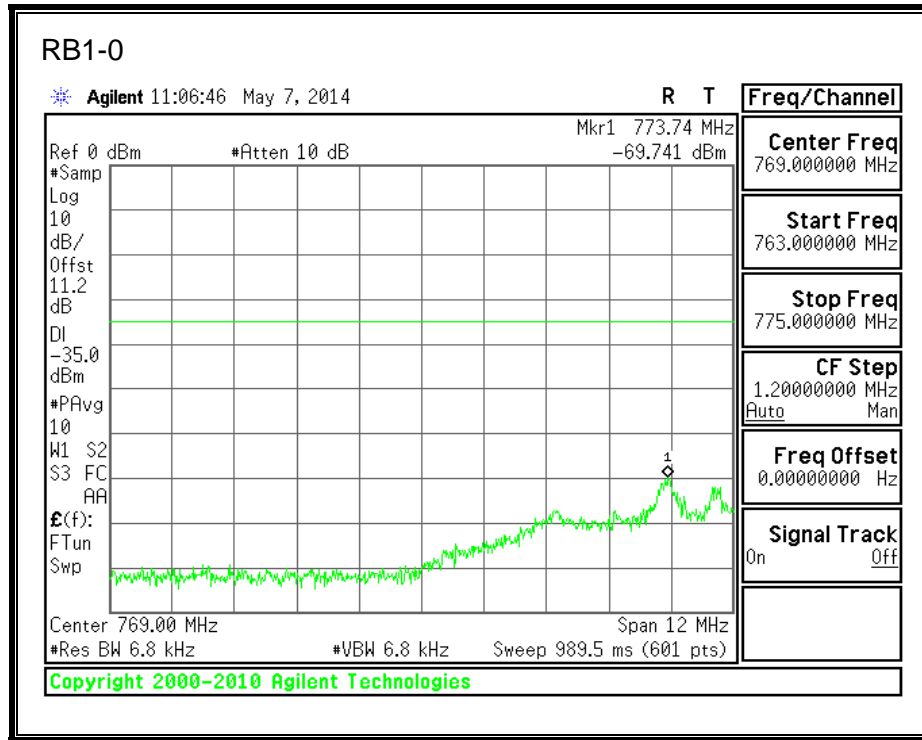


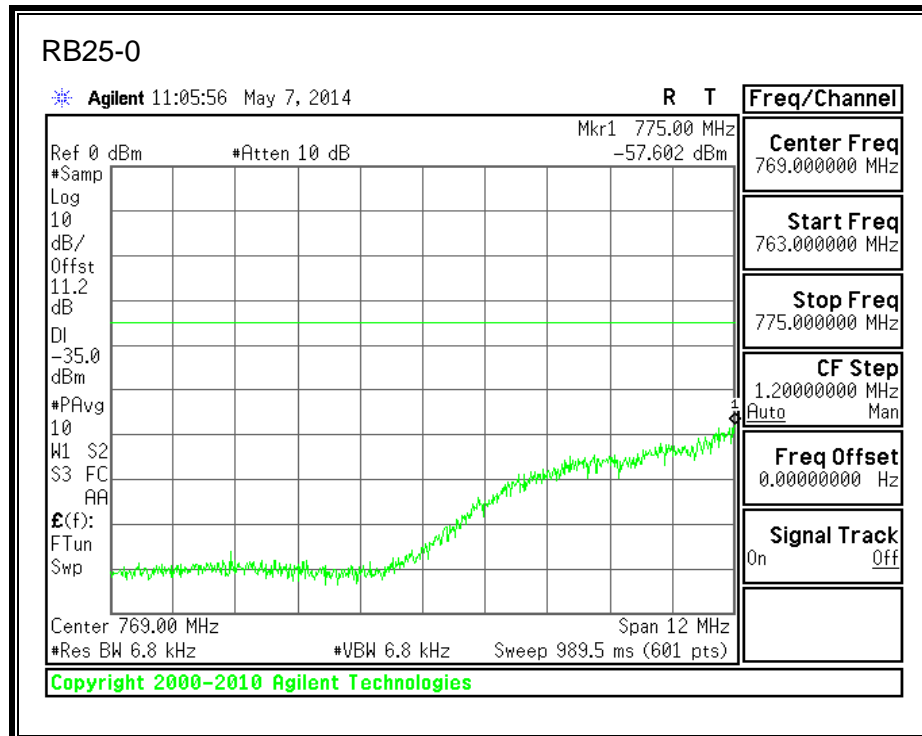
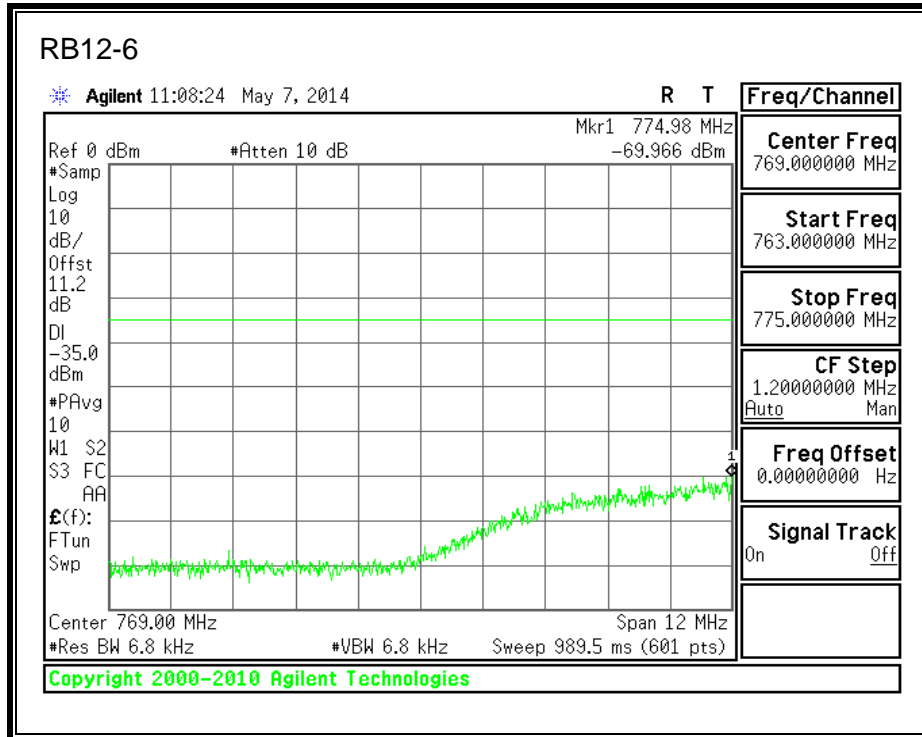
QPSK, 784.5MHz, 763 - 775MHz, (5MHz Bandwidth)



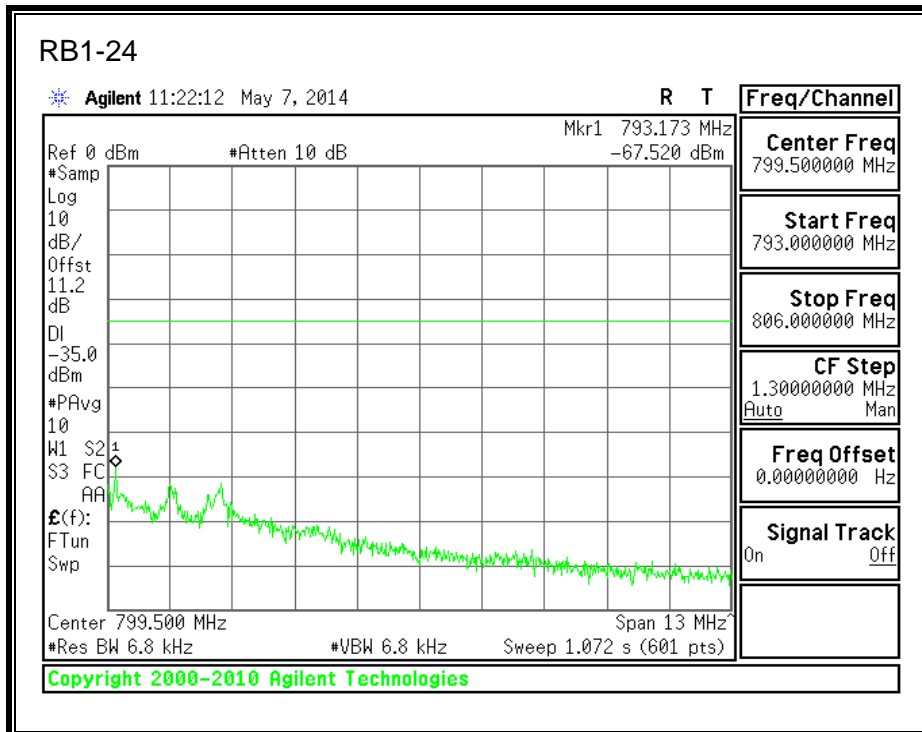
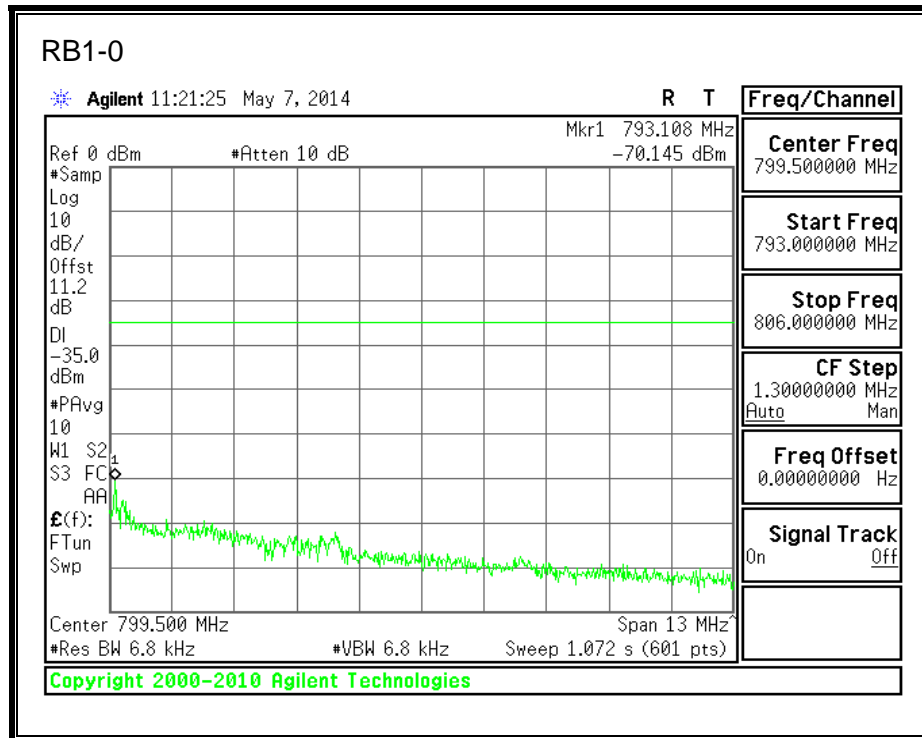


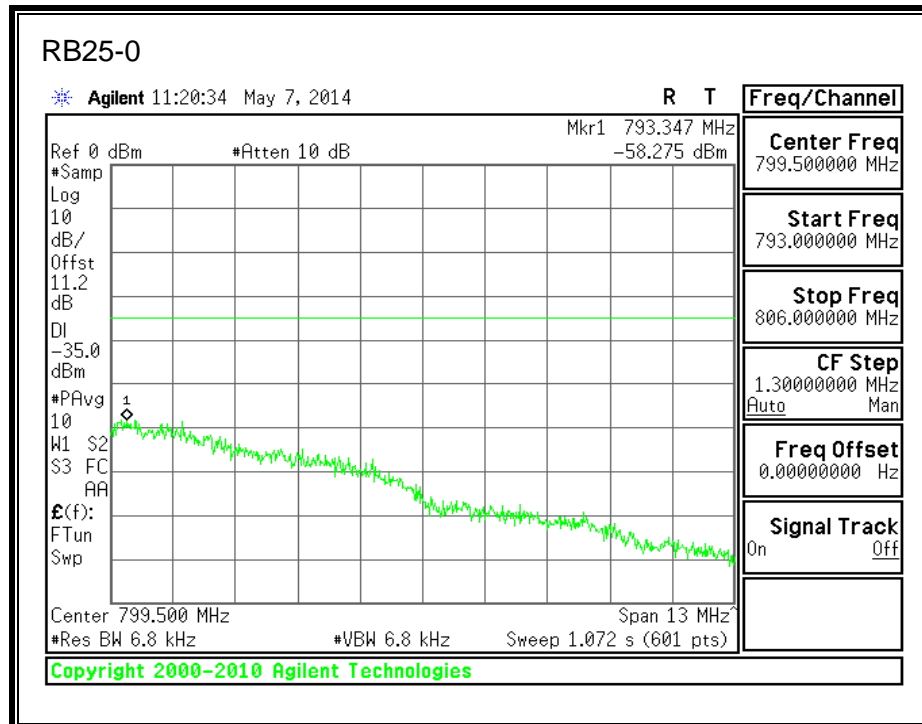
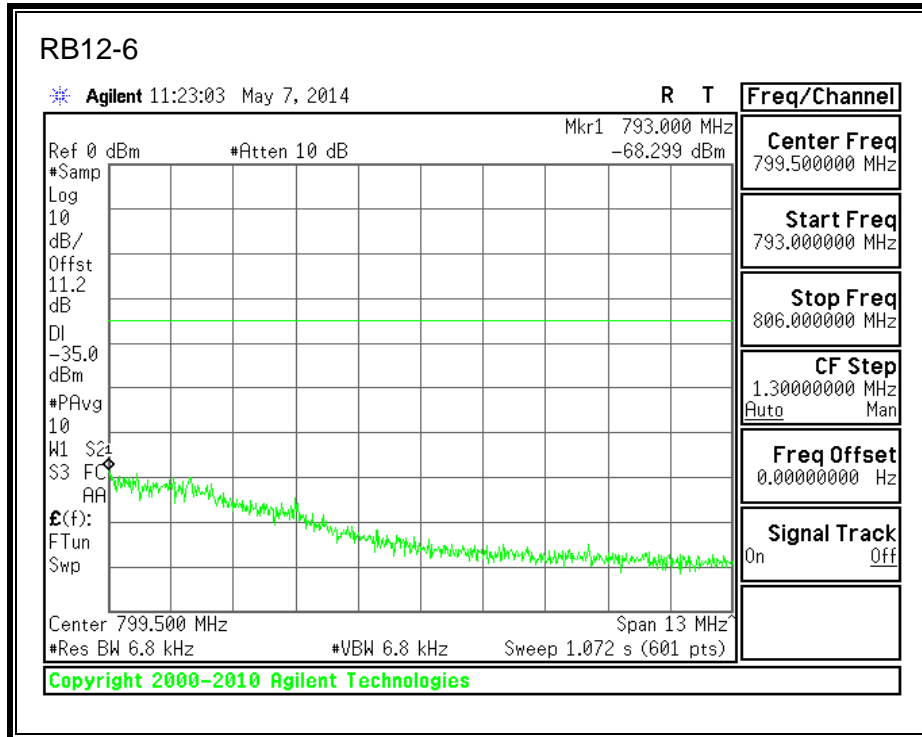
16QAM, 784.5MHz, 763 - 775MHz, (5MHz Bandwidth)



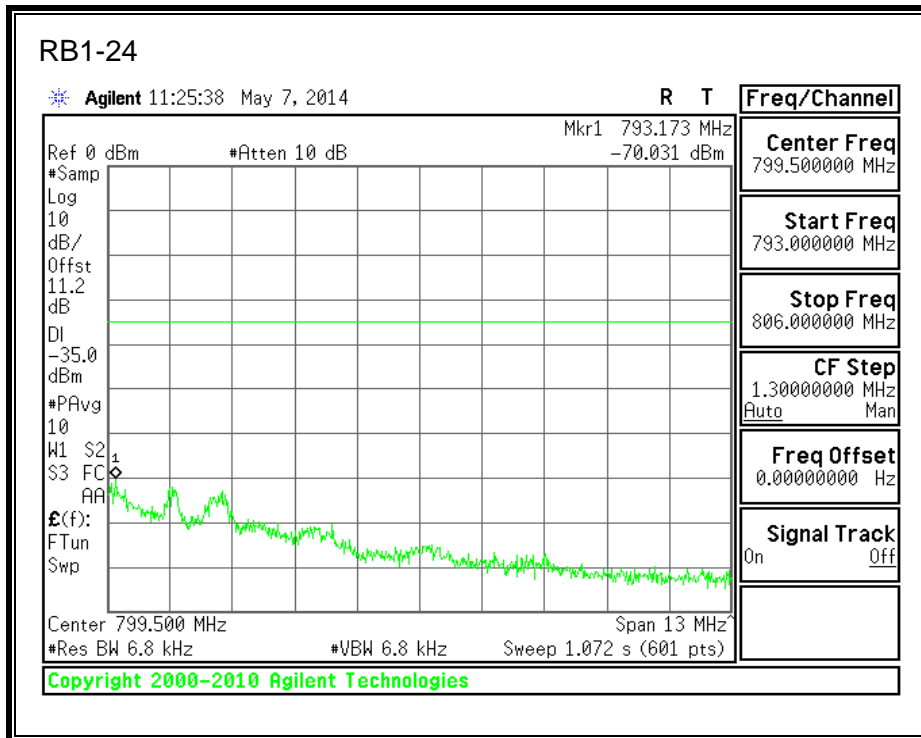
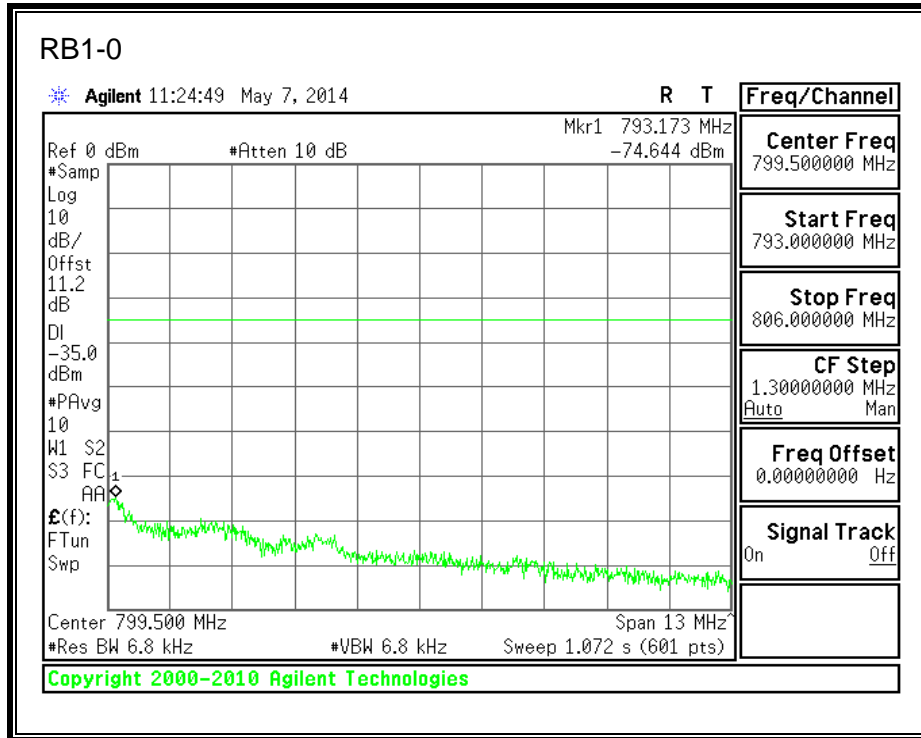


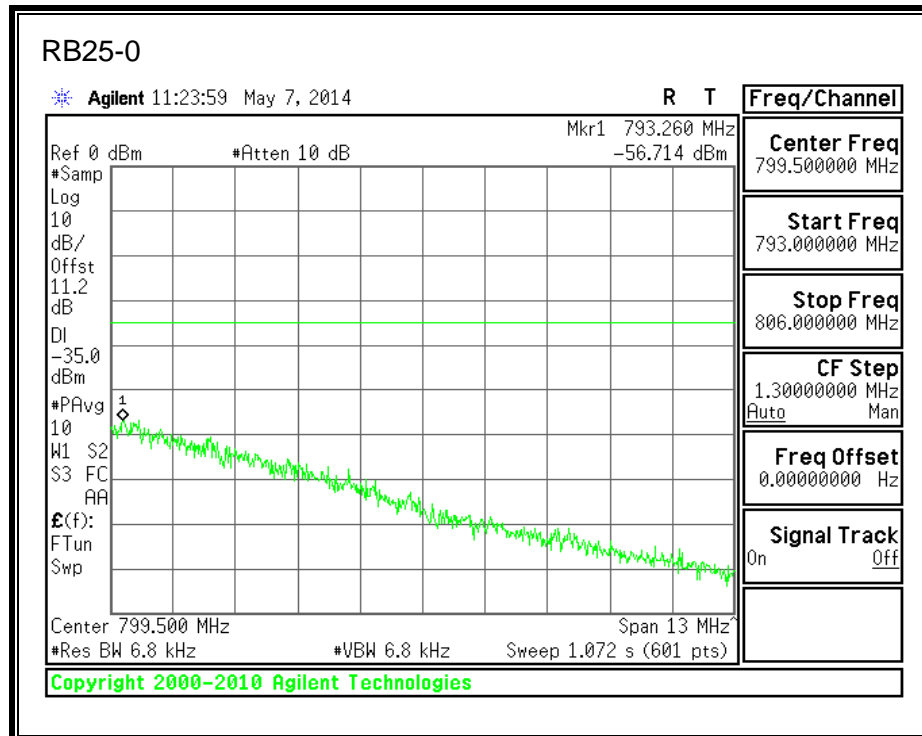
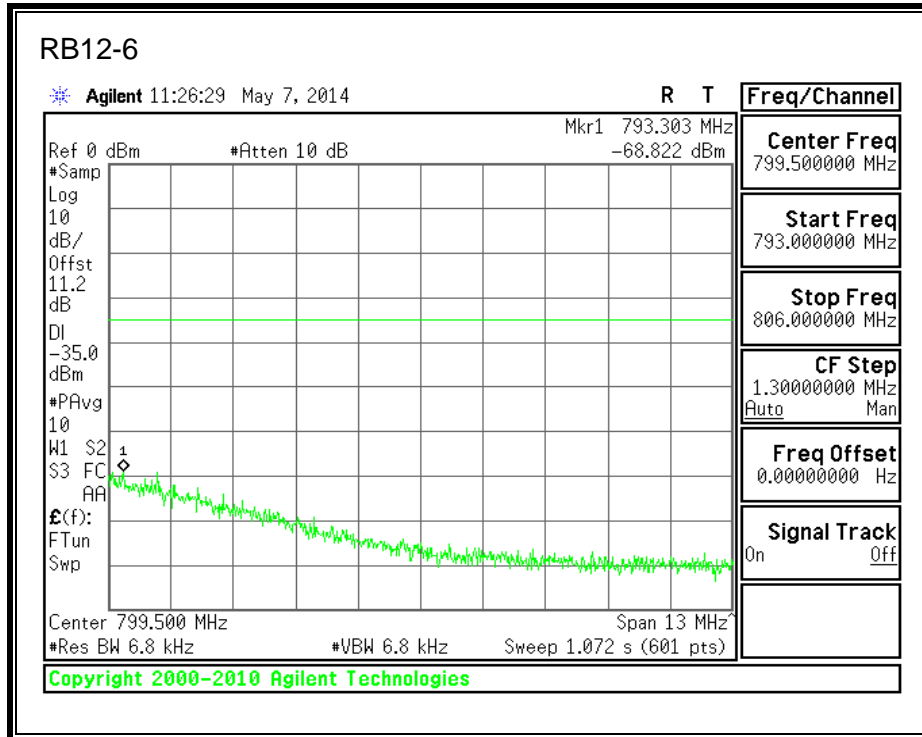
QPSK, 784.5MHz, 793 - 806MHz, (5MHz Bandwidth)



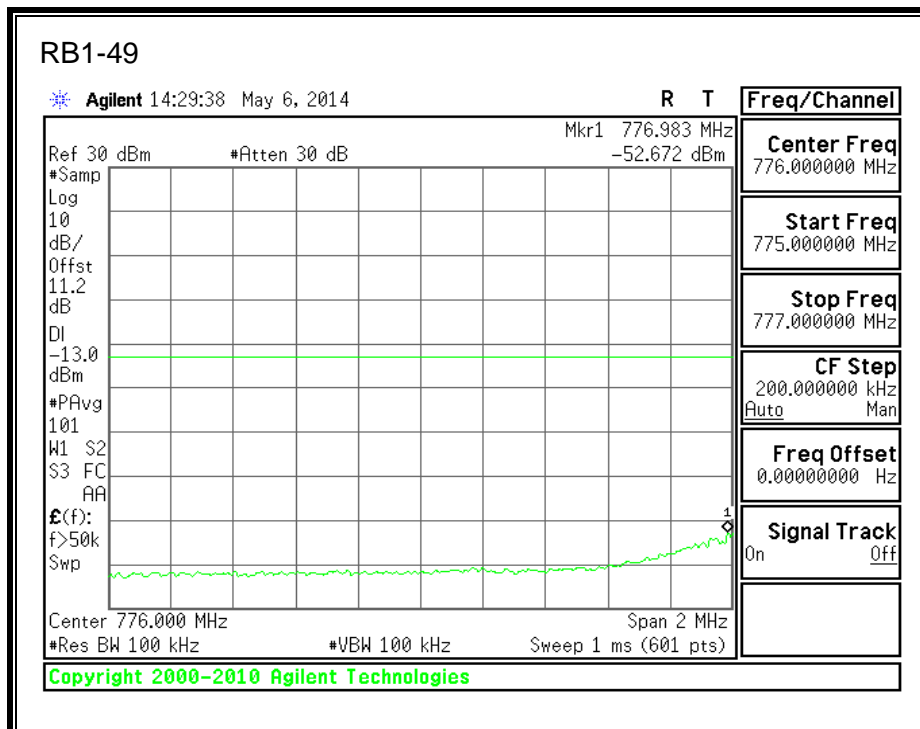
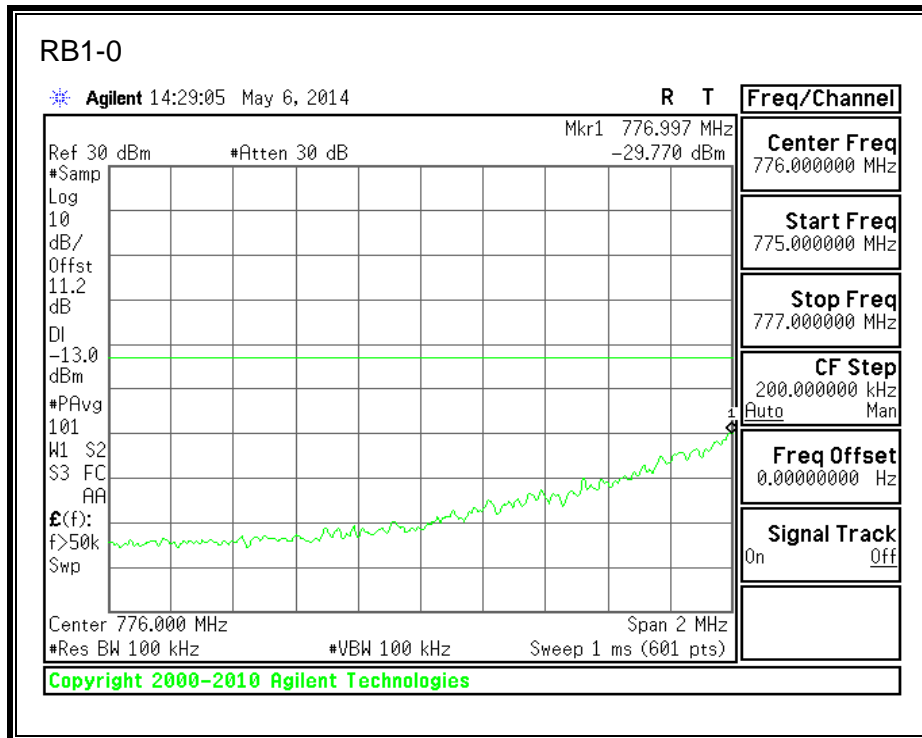


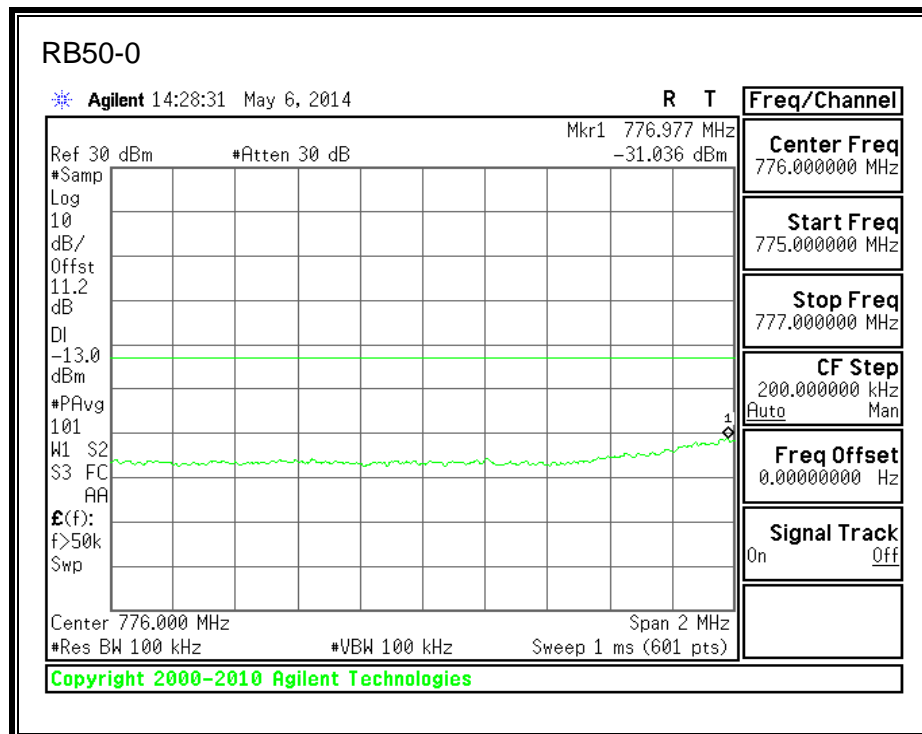
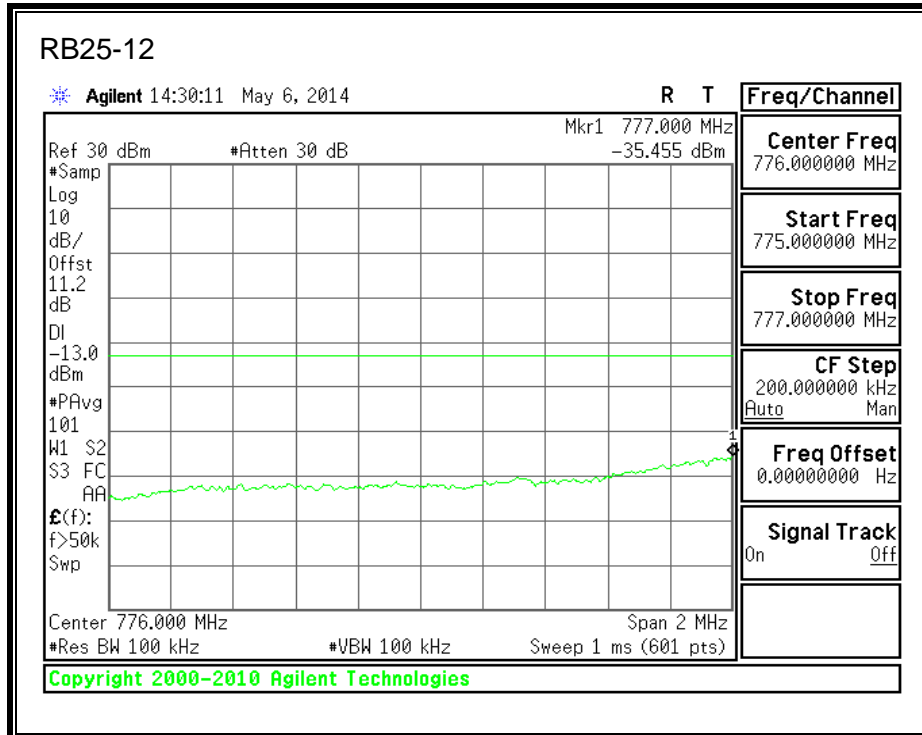
16QAM, 784.5MHz, 793 - 806MHz, (5MHz Bandwidth)



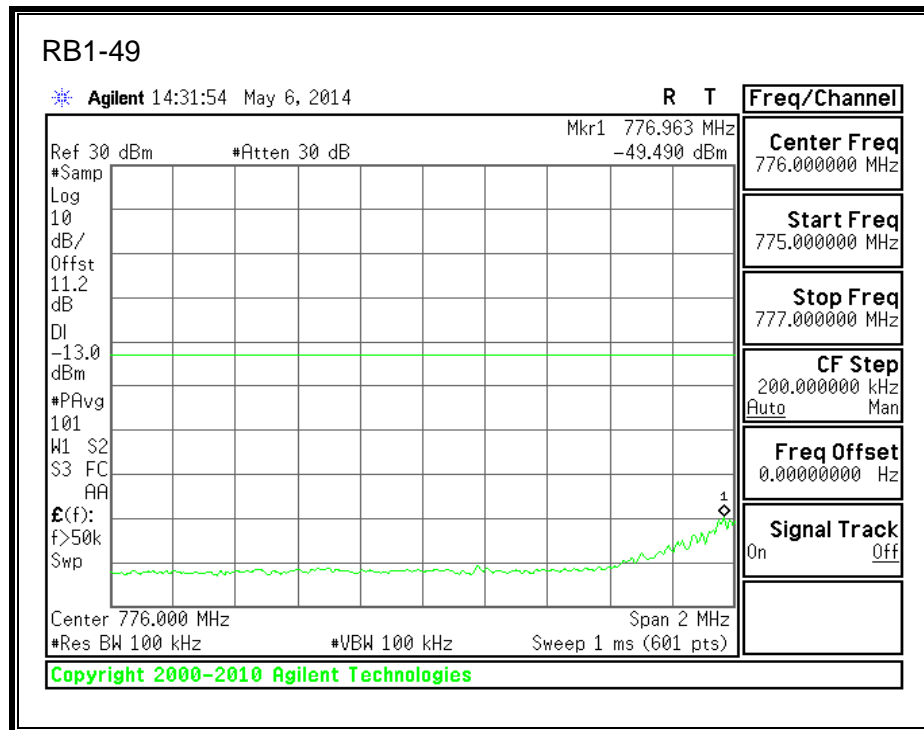
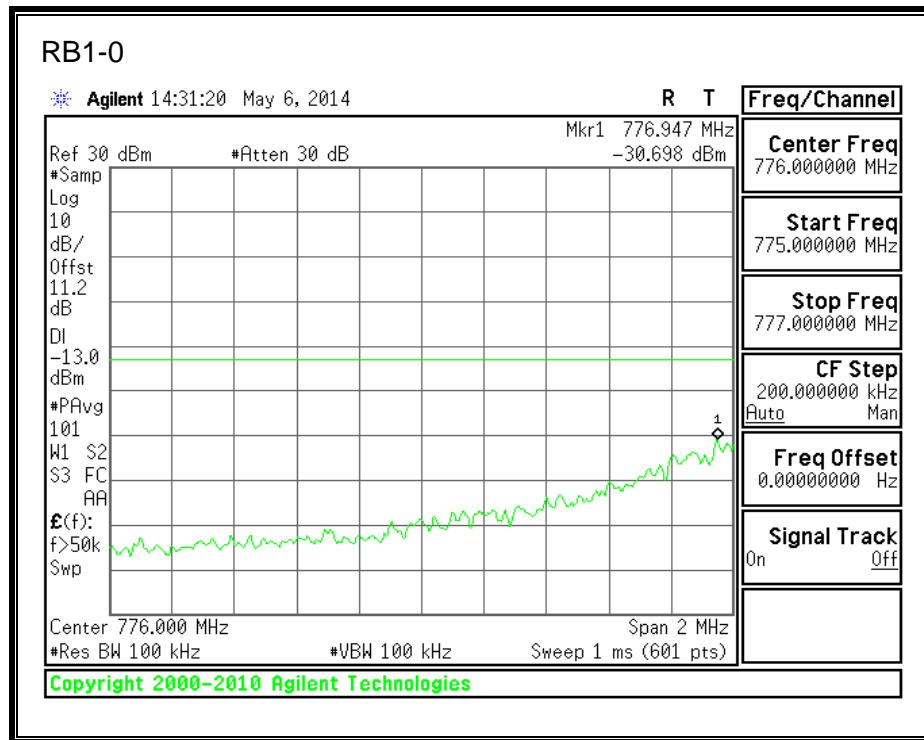


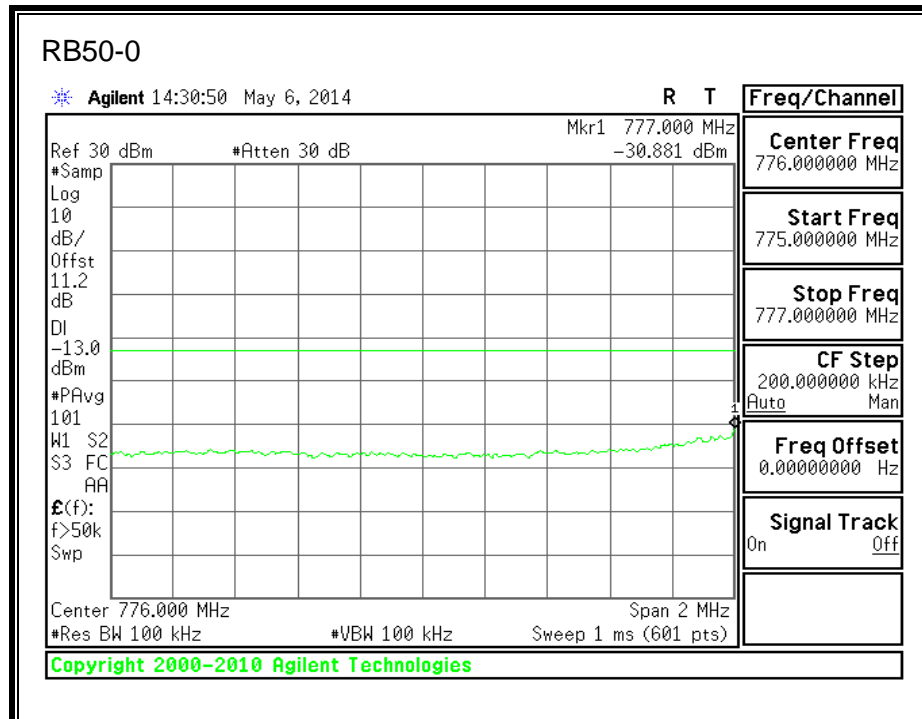
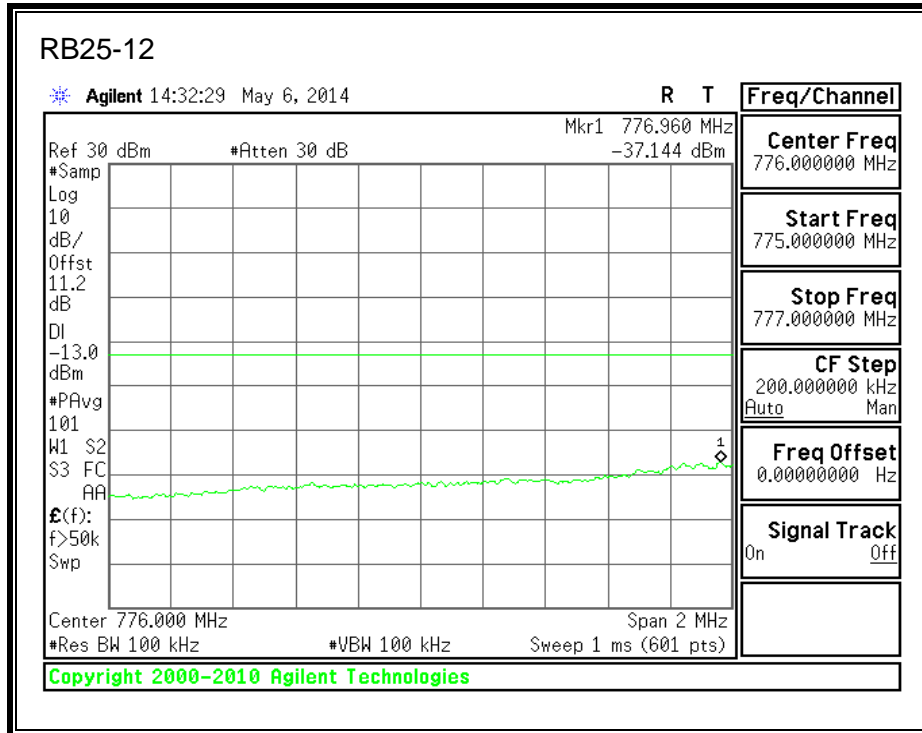
QPSK, 782MHz, 775 - 777MHz, (10MHz Bandwidth)



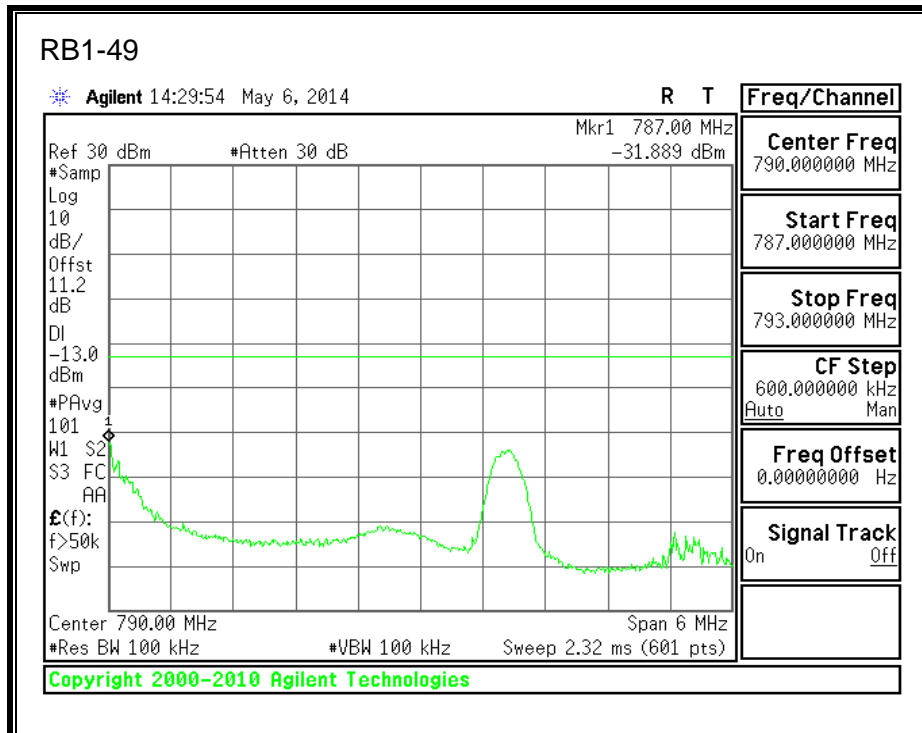
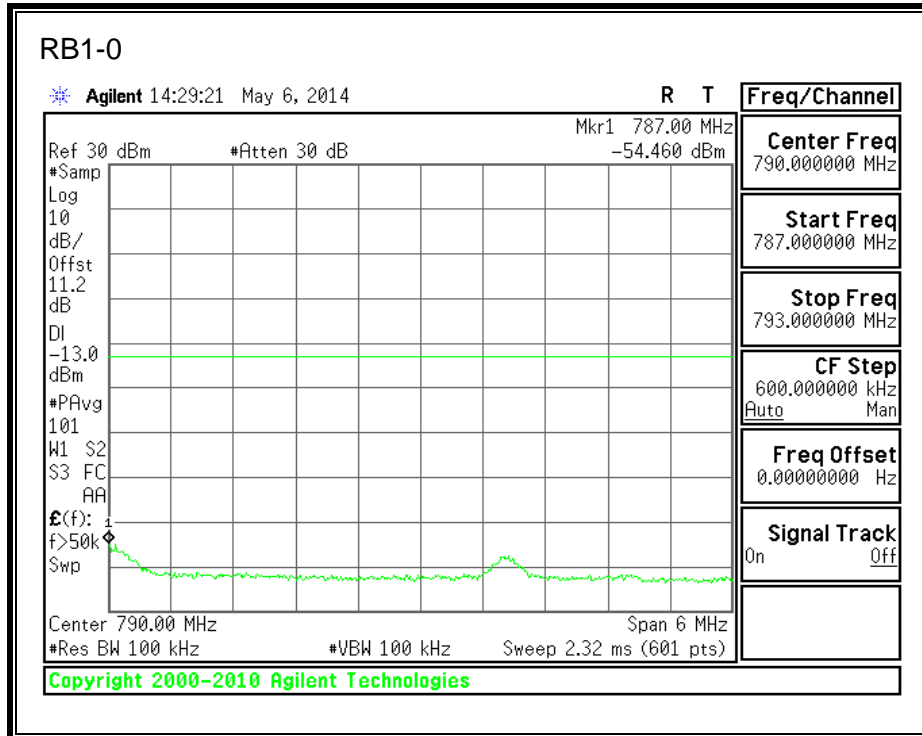


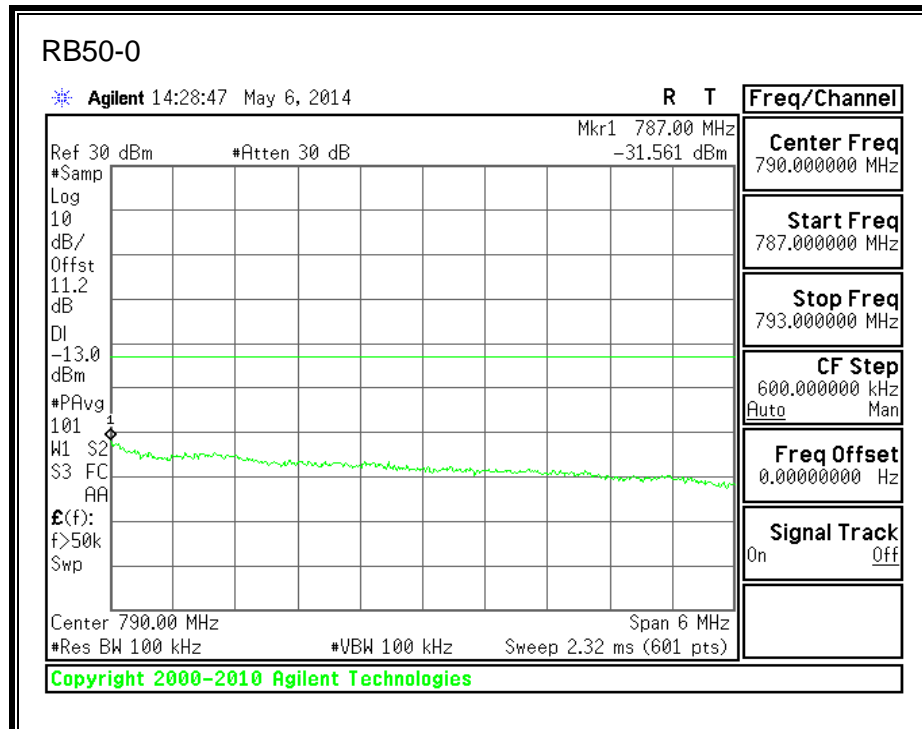
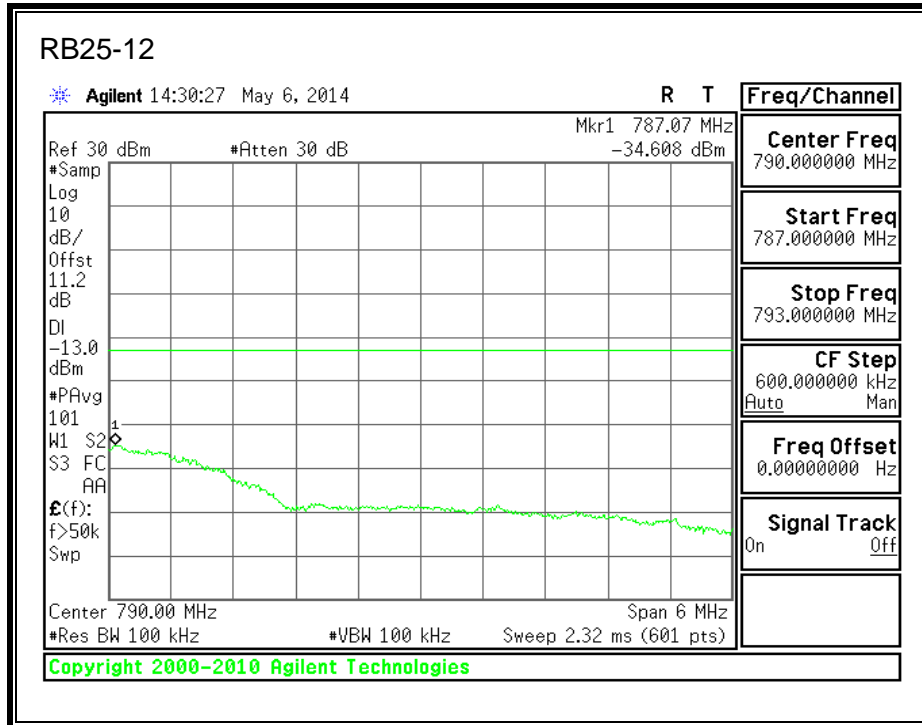
16QAM, 782MHz, 775 - 777MHz, (10MHz Bandwidth)



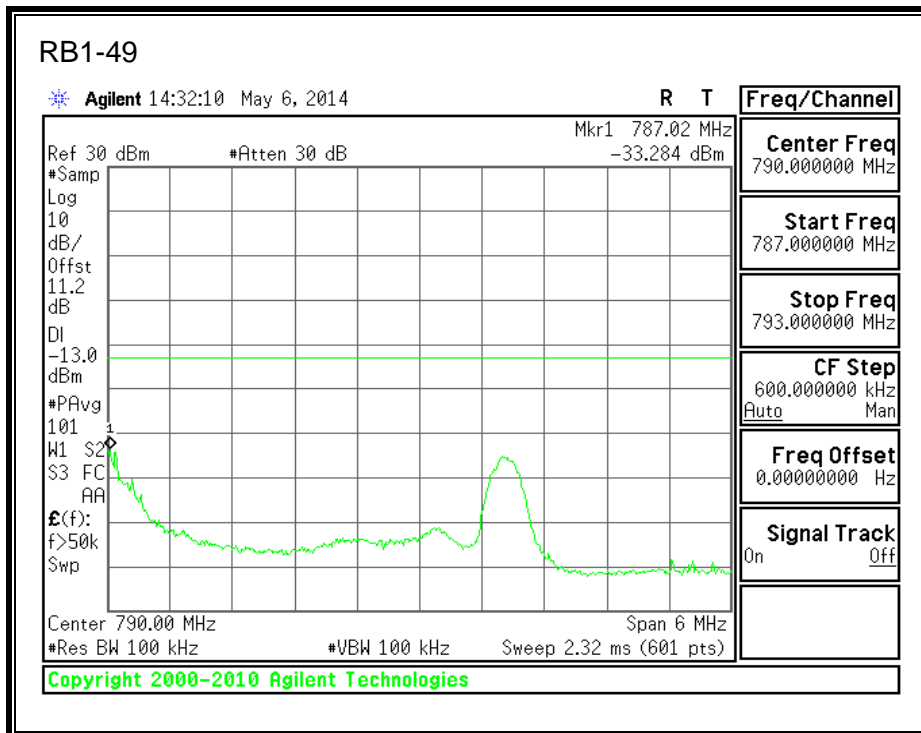
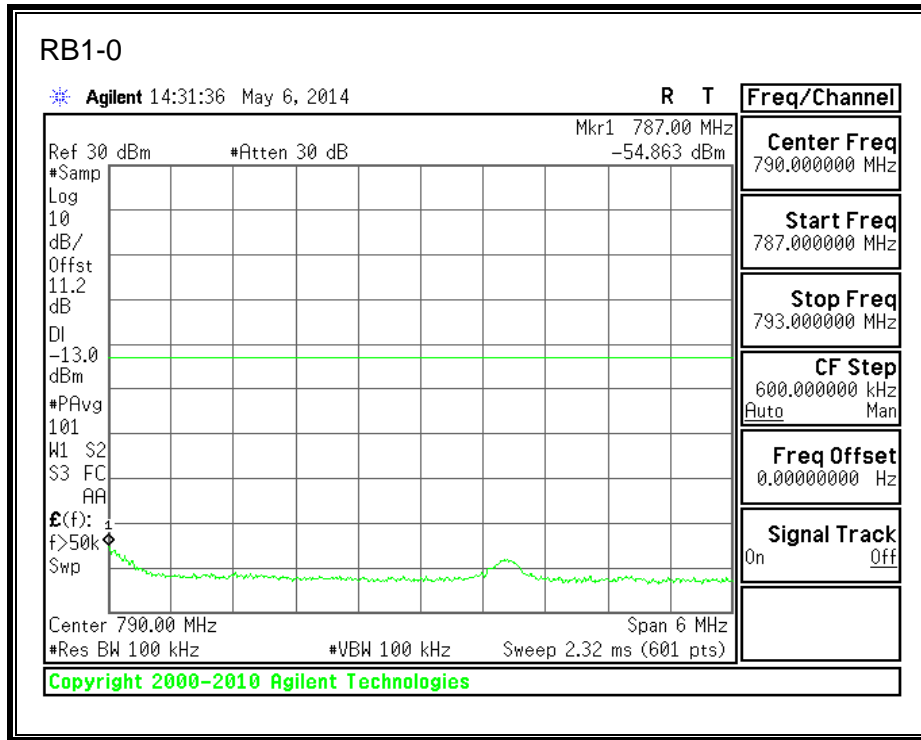


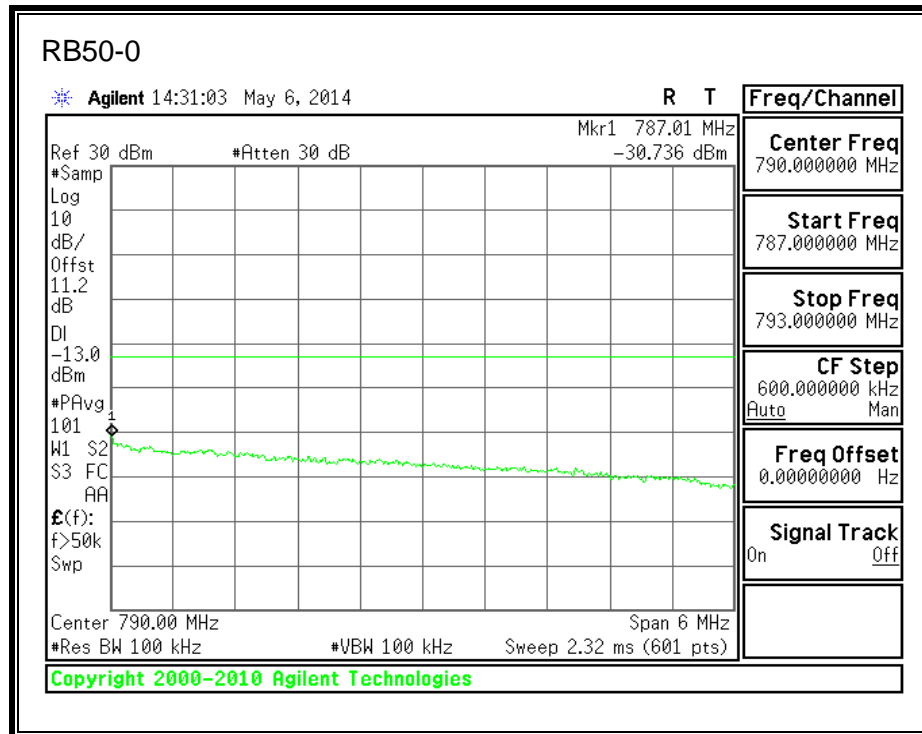
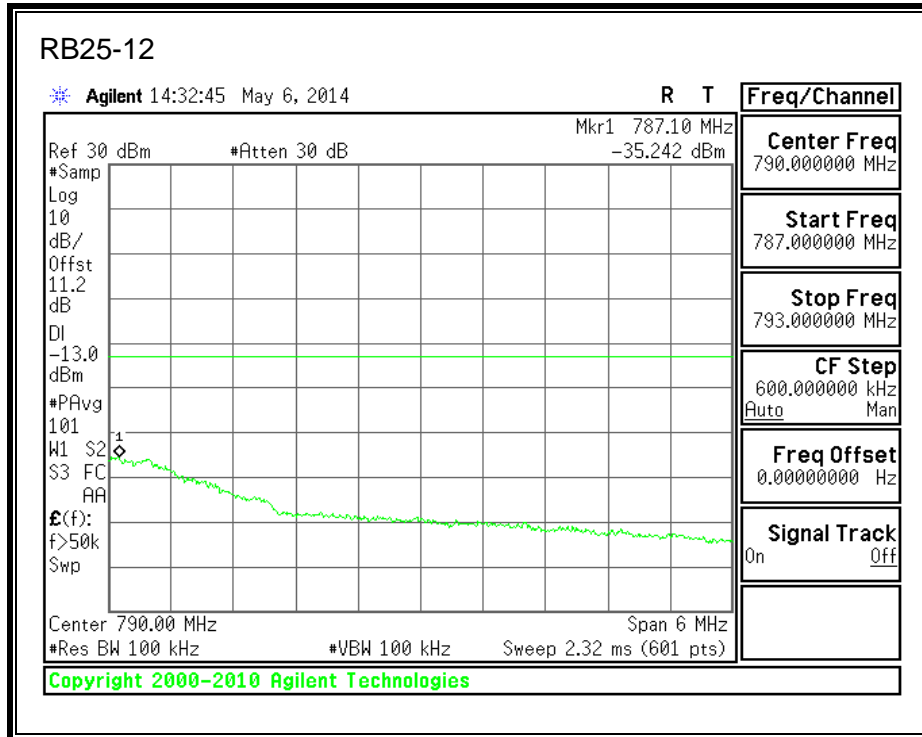
QPSK, 782MHz, 787 - 793MHz, (10MHz Bandwidth)



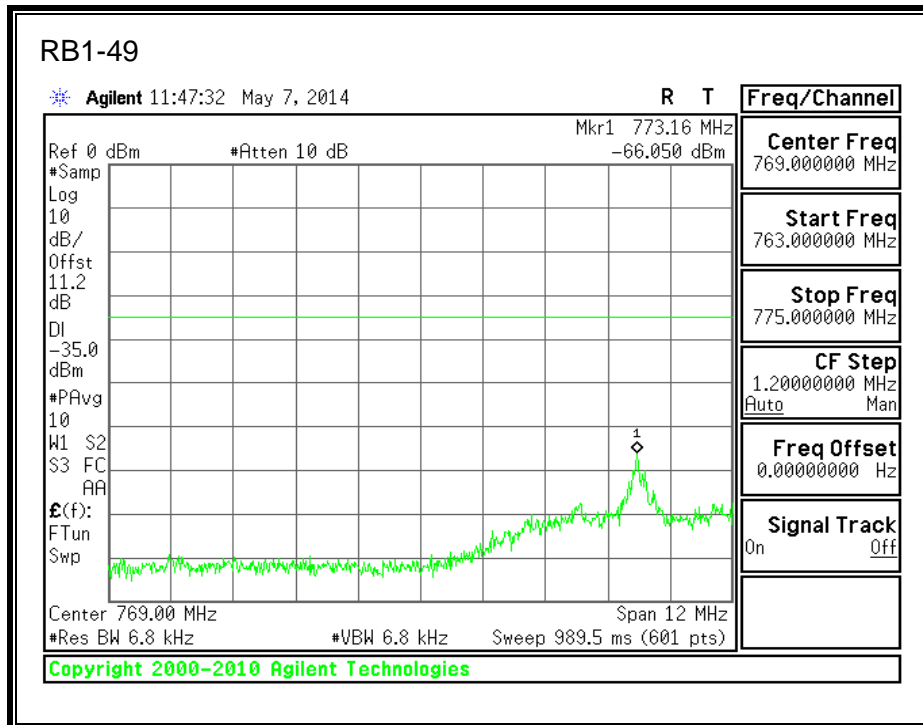
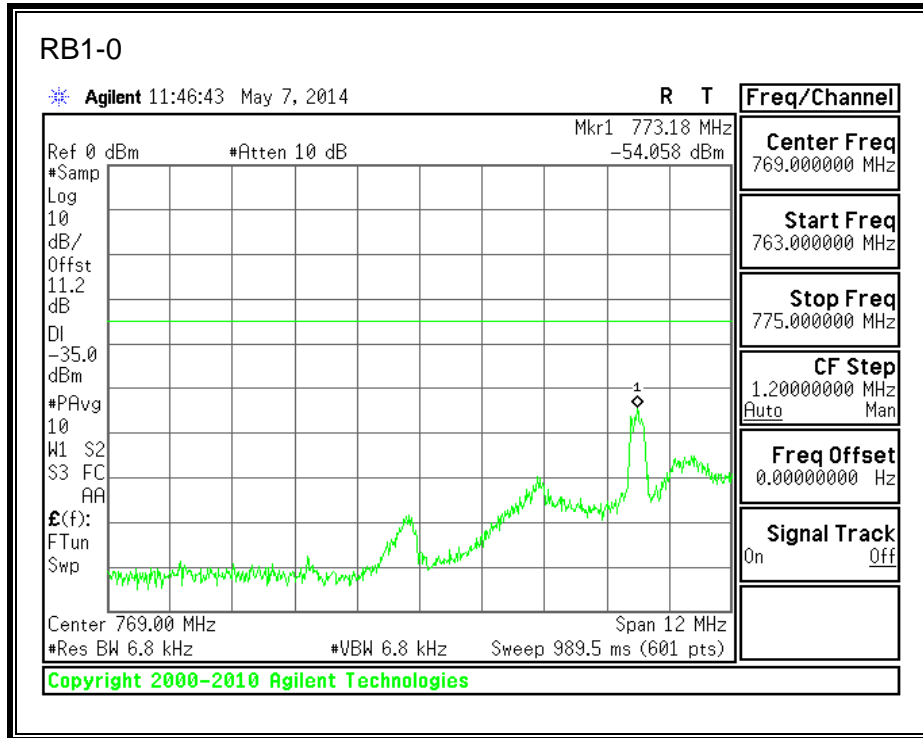


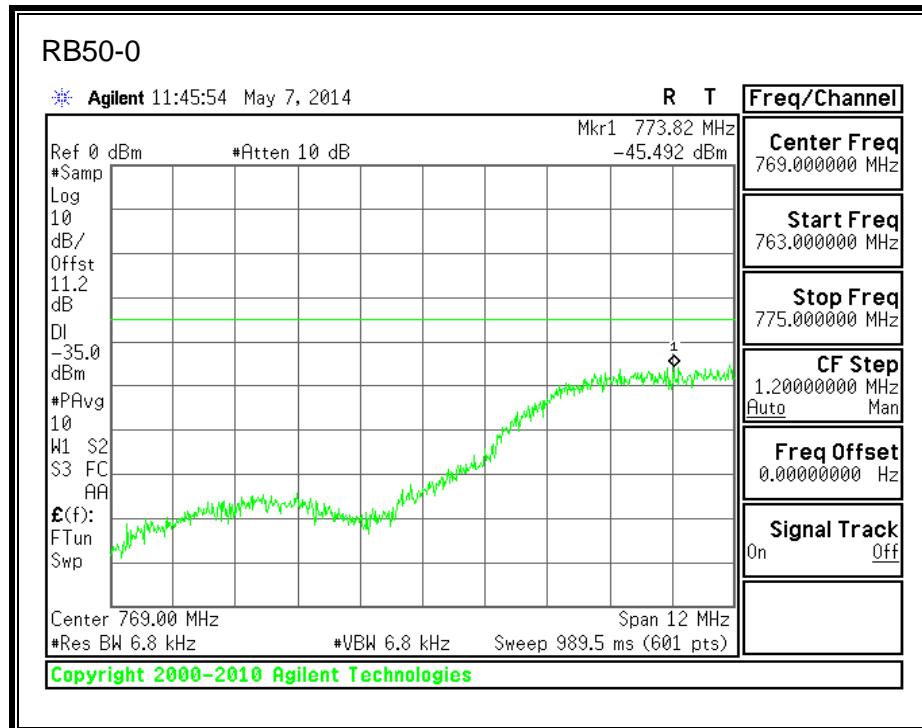
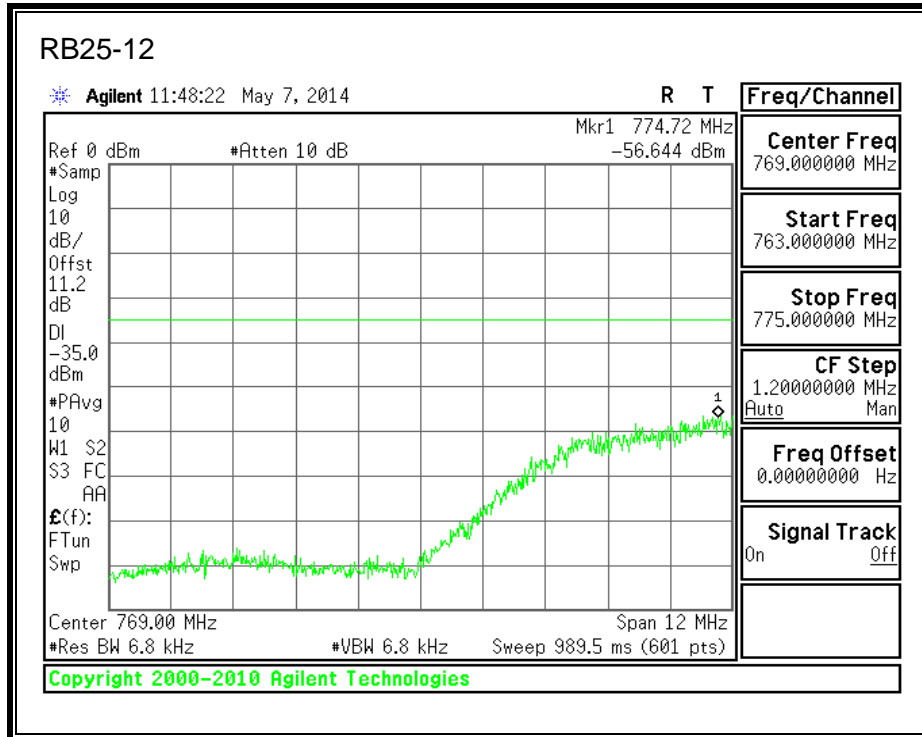
16QAM, 782MHz, 787 - 793MHz, (10MHz Bandwidth)



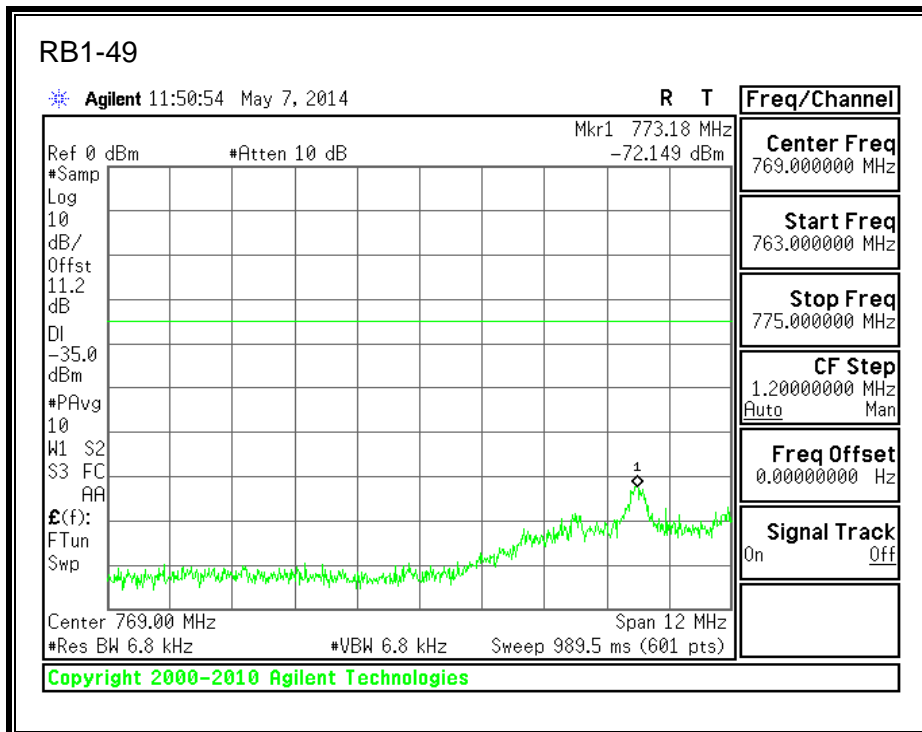
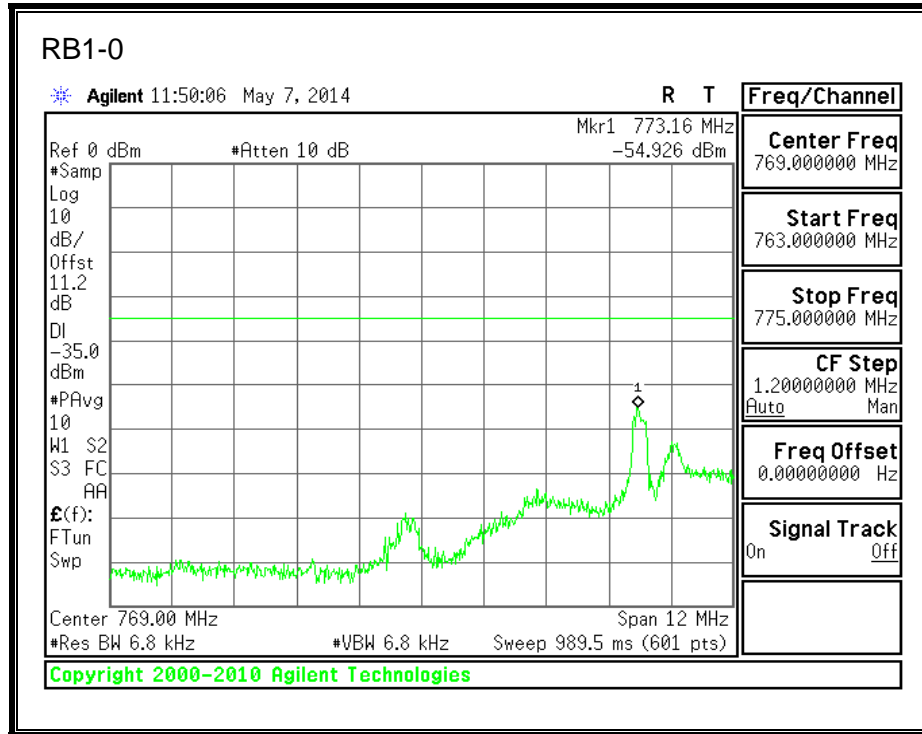


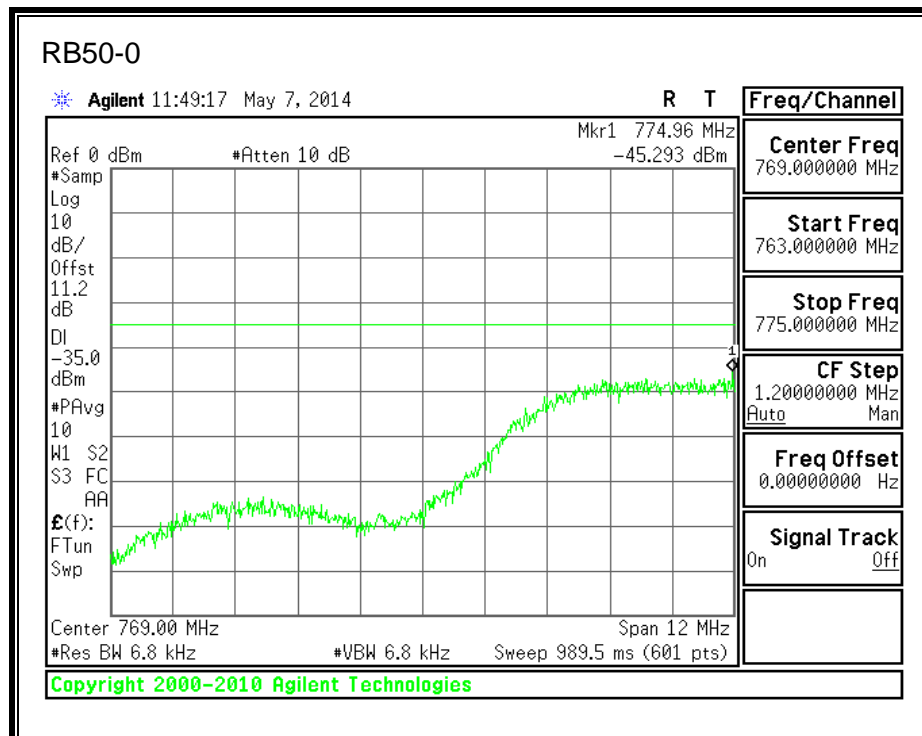
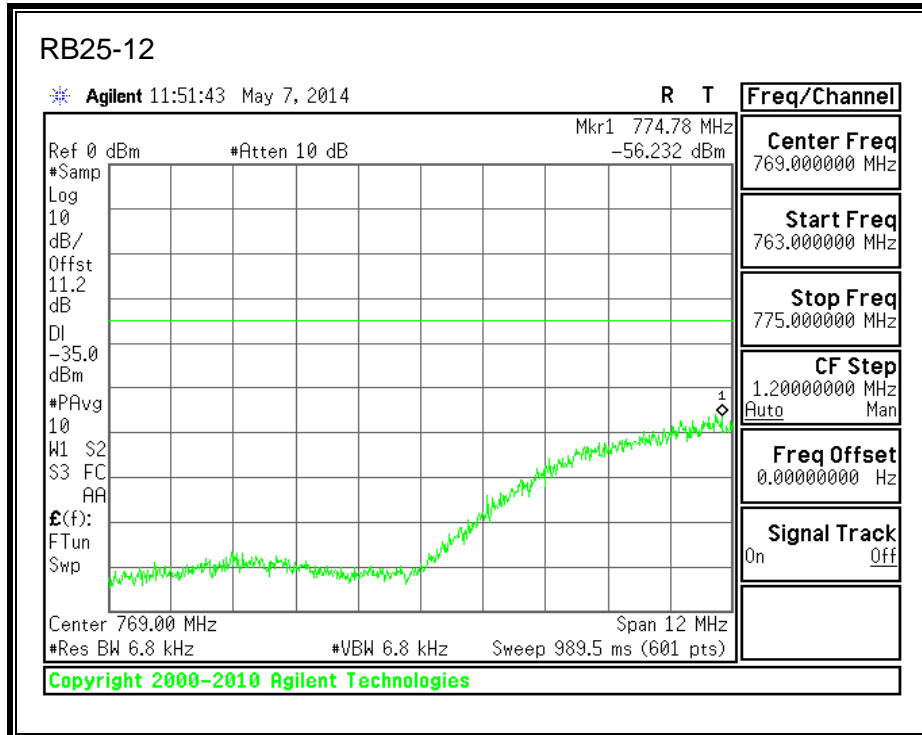
QPSK, 782MHz, 763 - 775MHz, (10MHz Bandwidth)



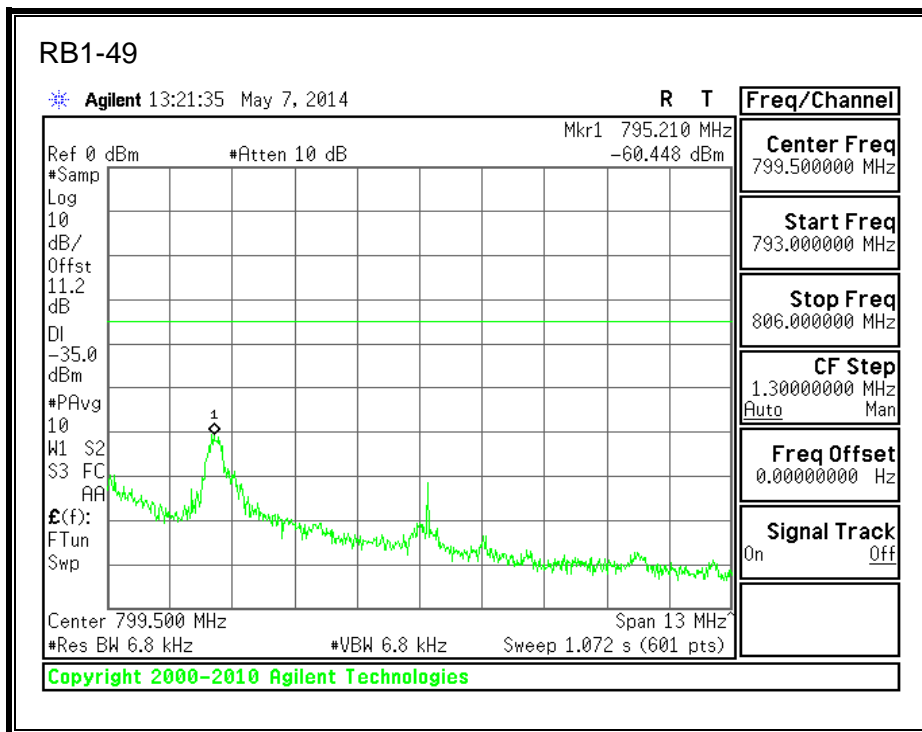
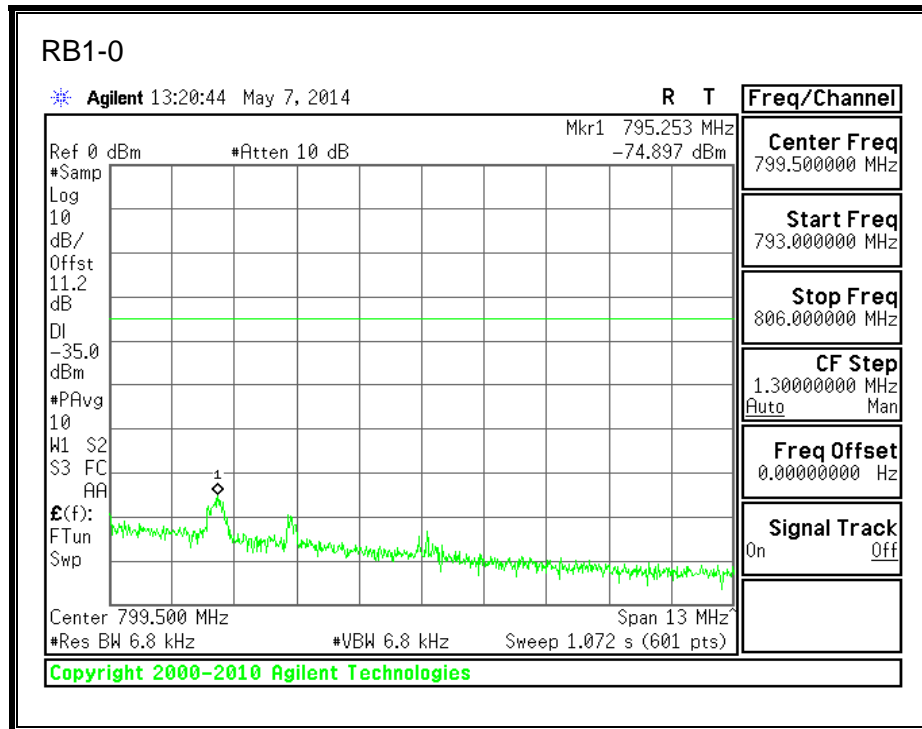


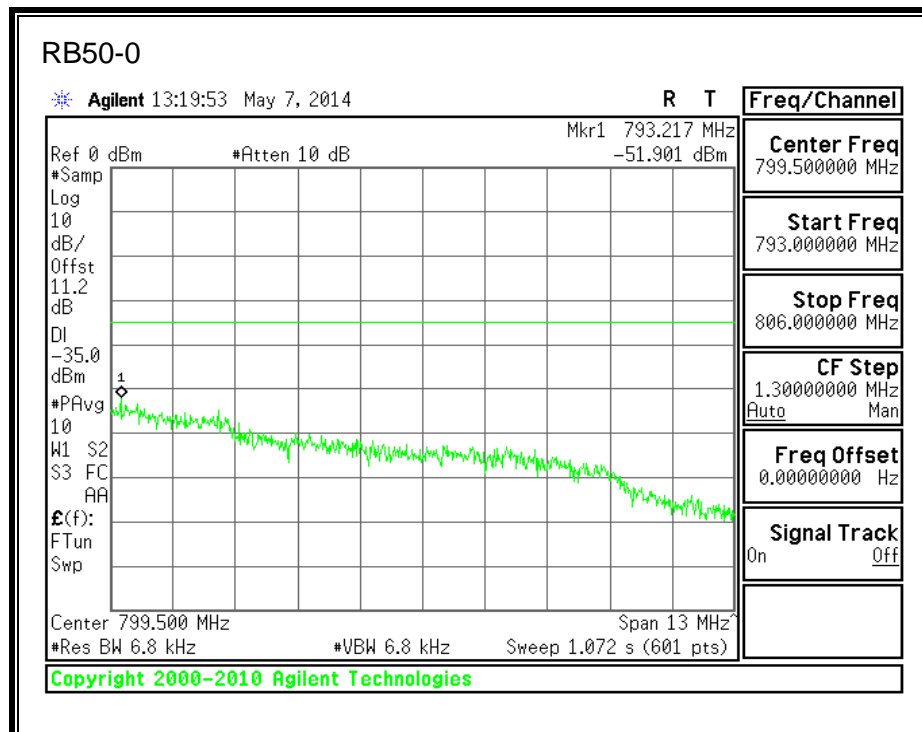
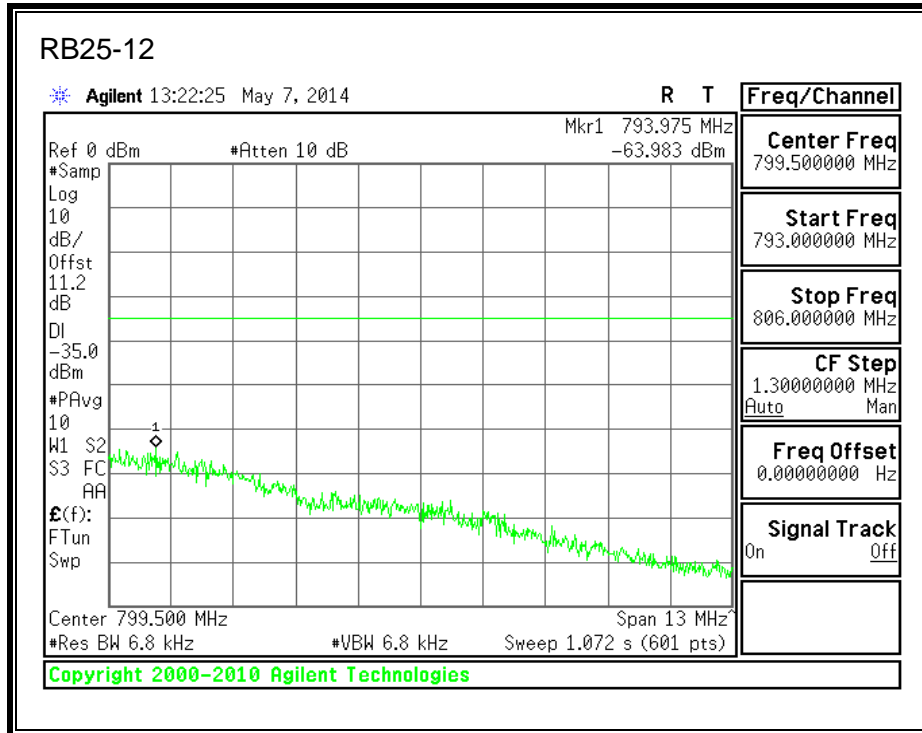
16QAM, 782MHz, 763 - 775MHz, (10MHz Bandwidth)



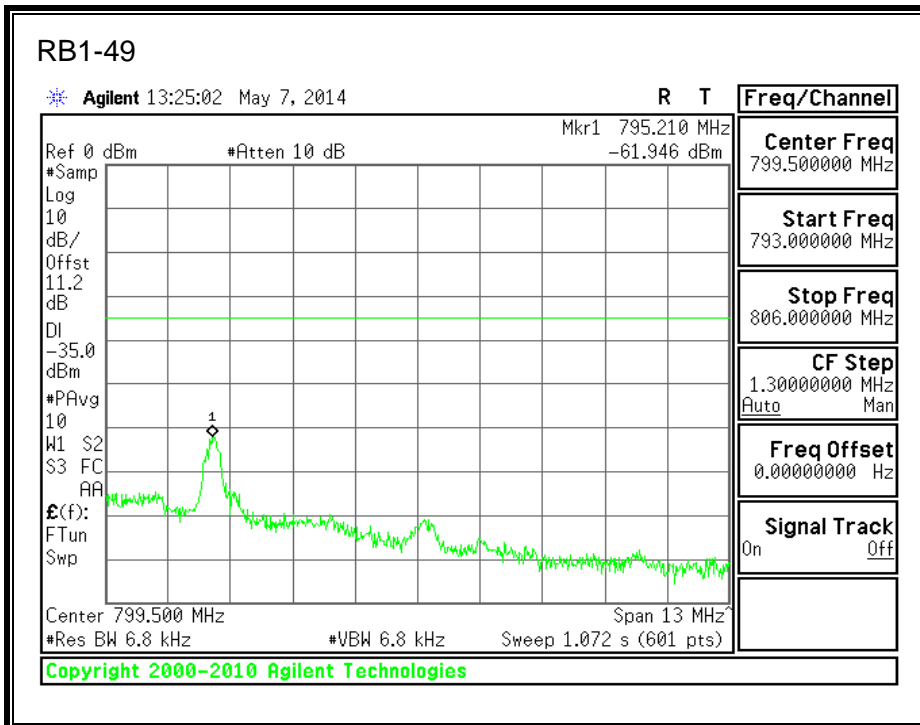
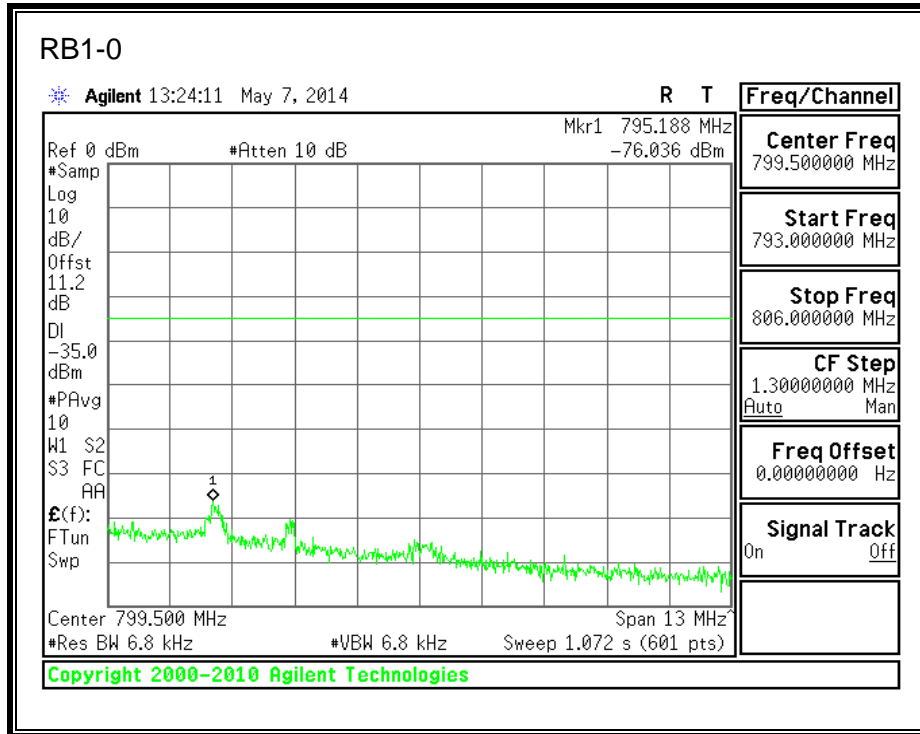


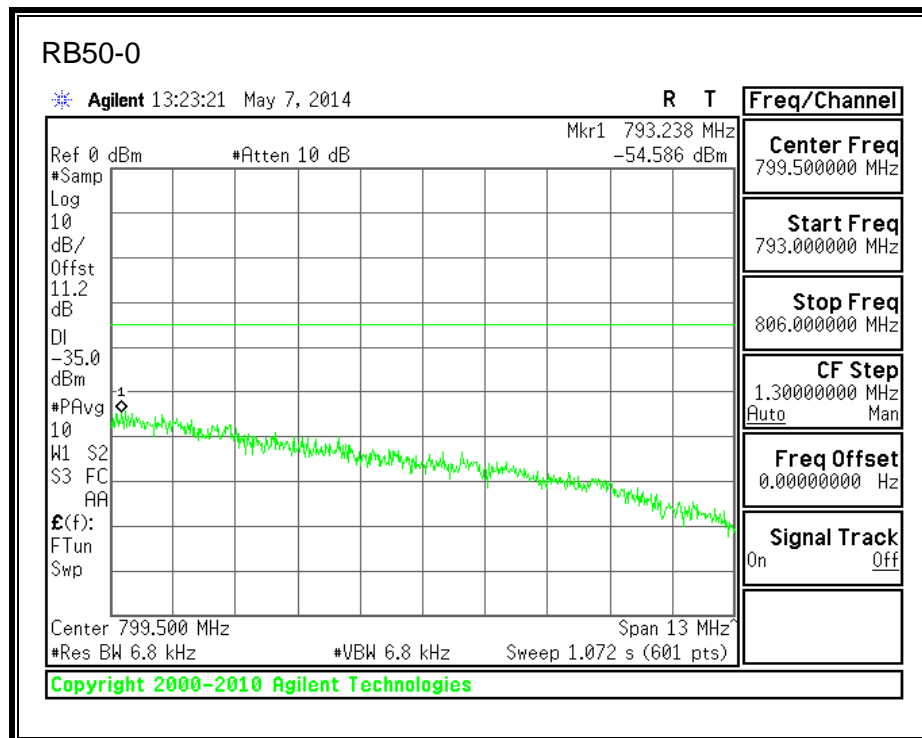
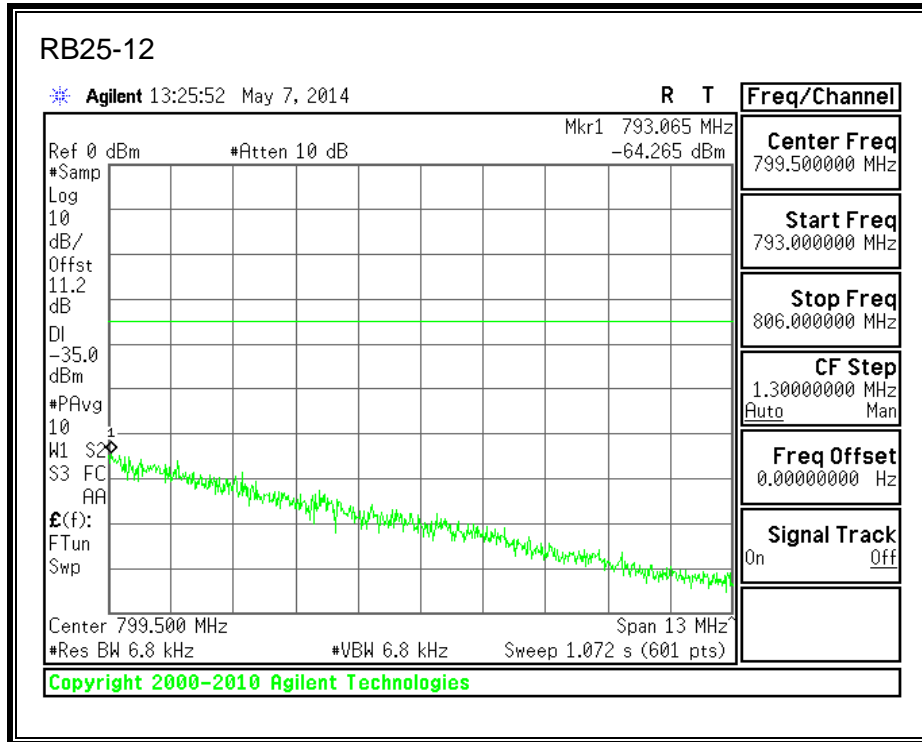
QPSK, 782MHz, 793 - 806MHz, (10MHz Bandwidth)





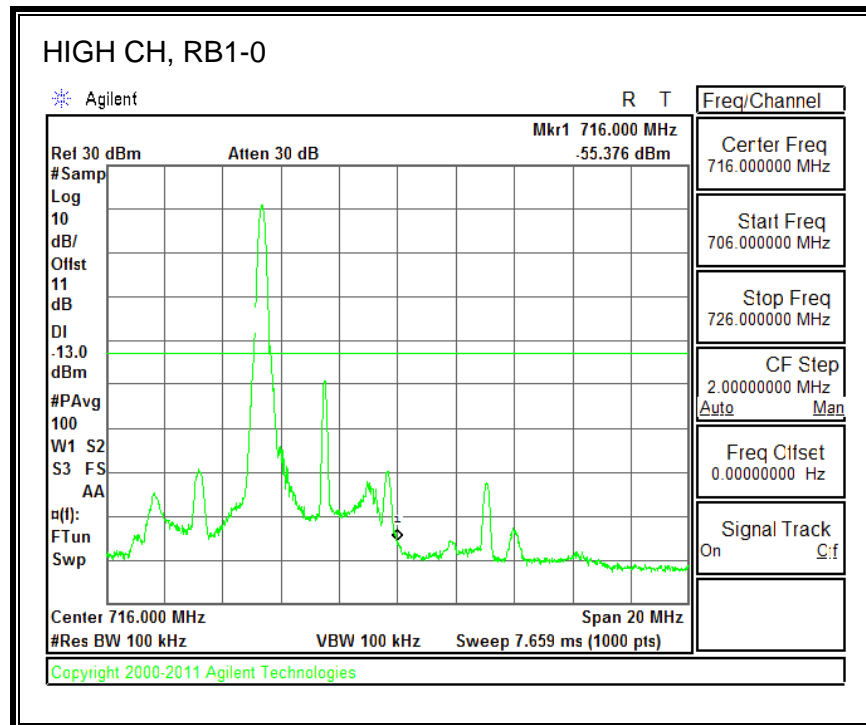
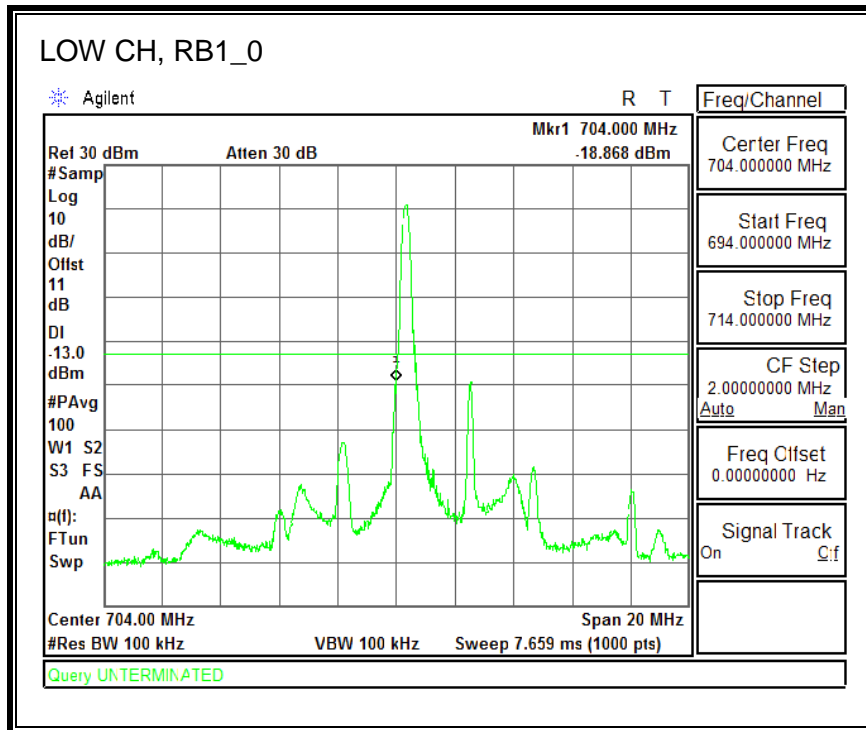
16QAM, 782MHz, 793 - 806MHz, (10MHz Bandwidth)

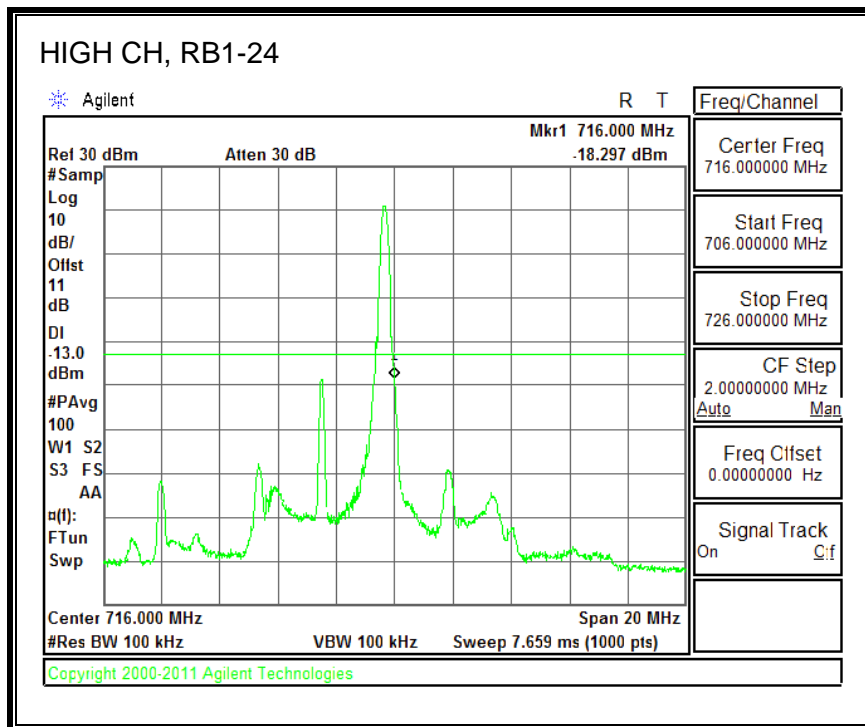
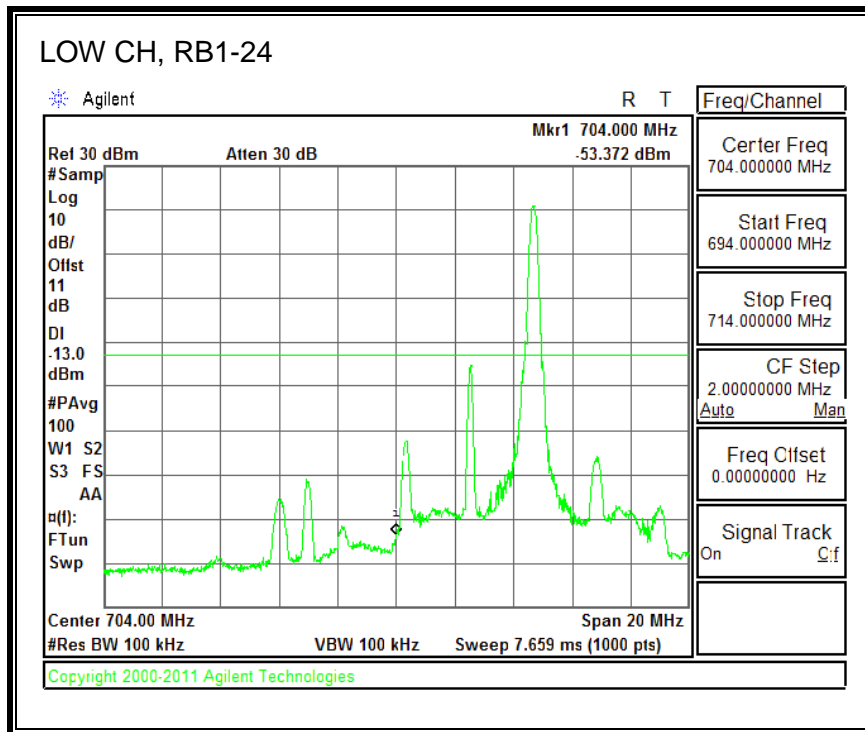


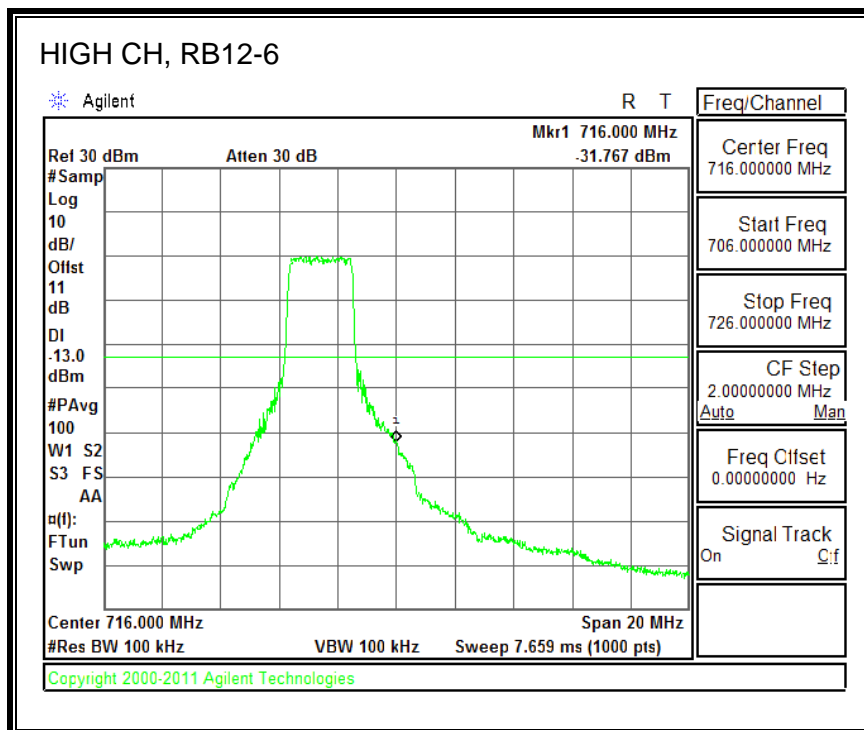
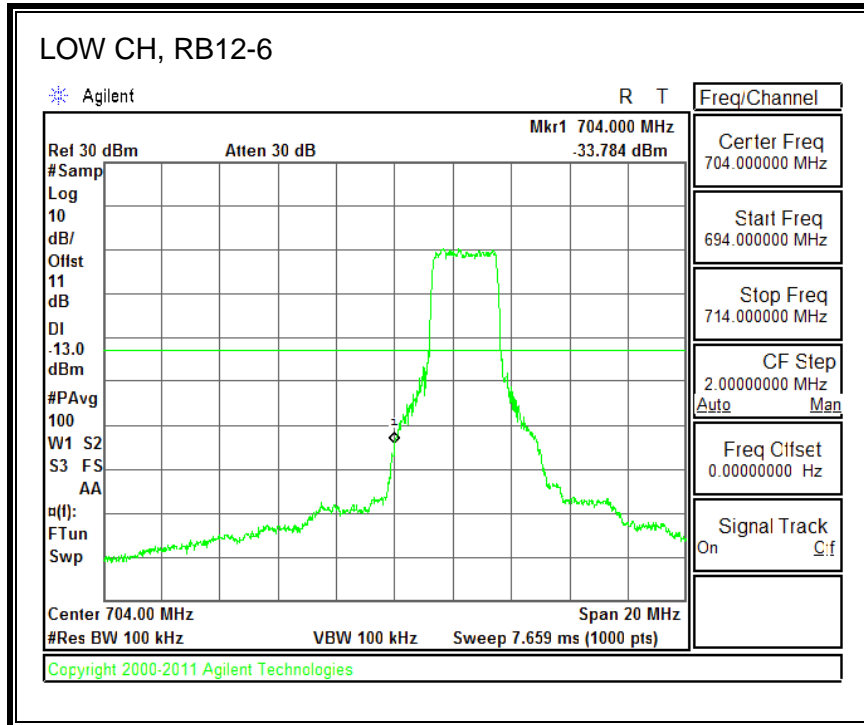


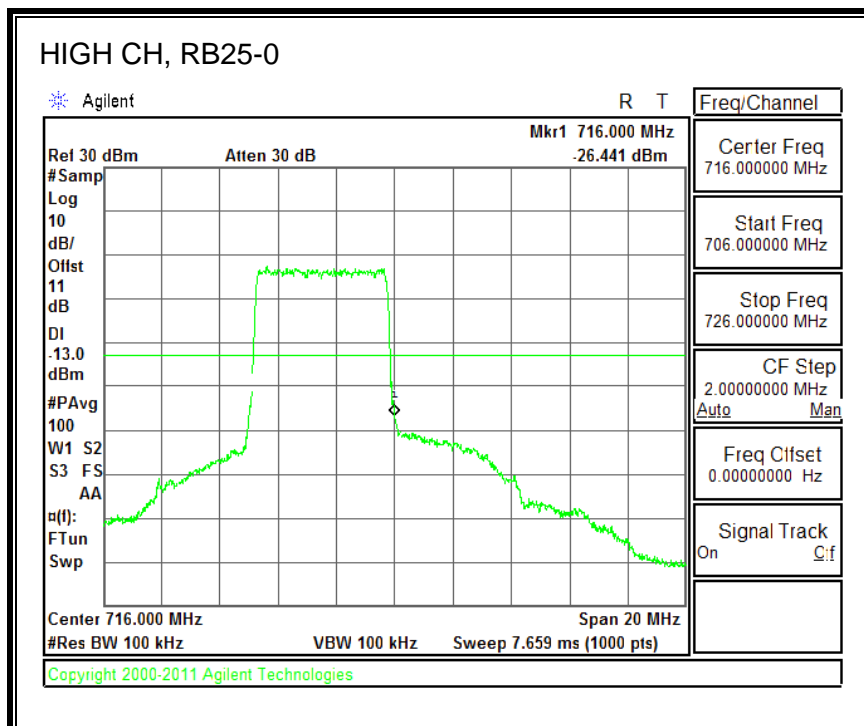
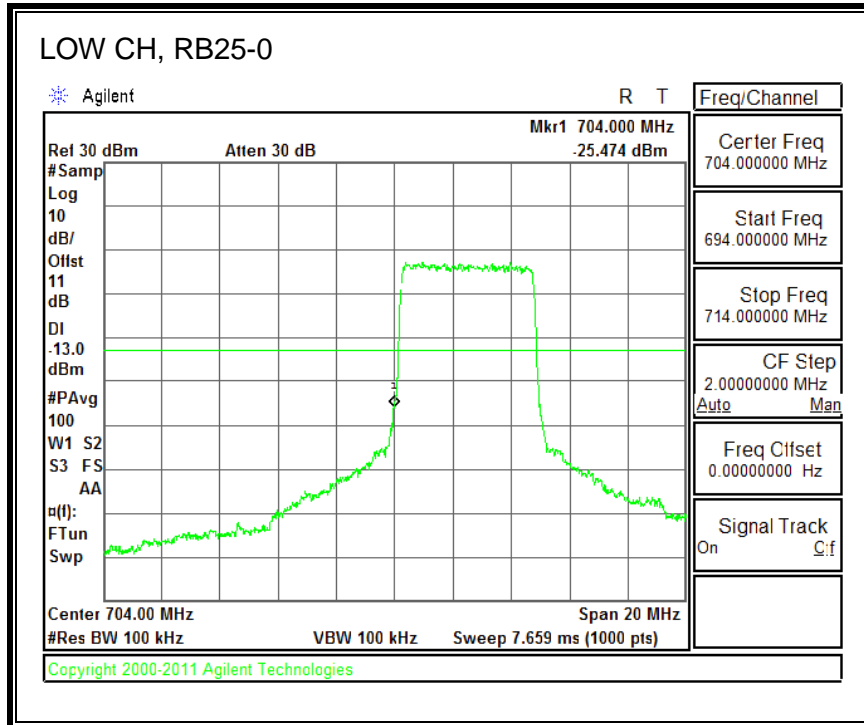
8.2.5. LTE BAND 17 BANDEDGE

QPSK, (5.0 MHz BAND WIDTH)

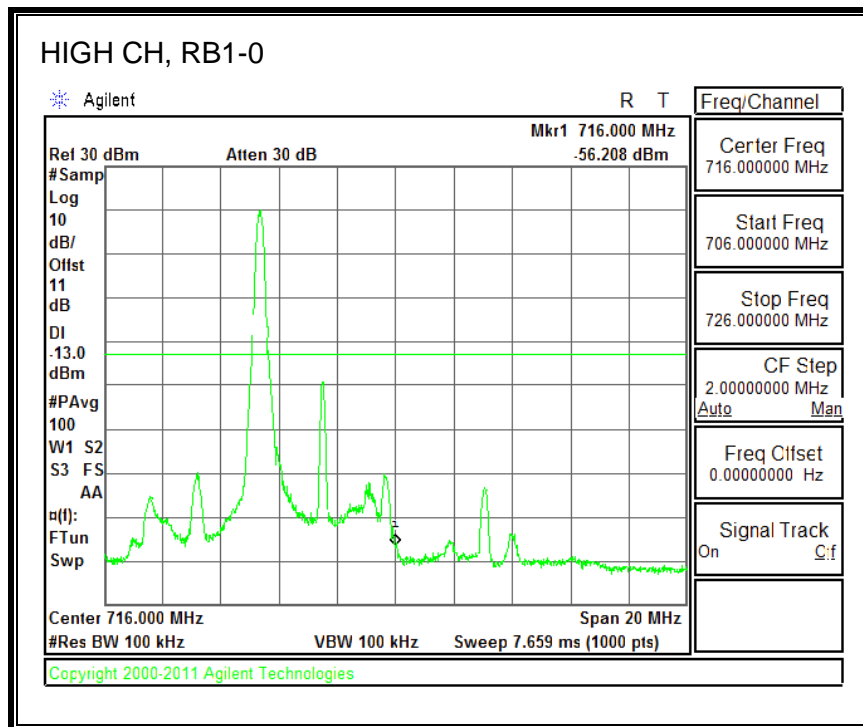
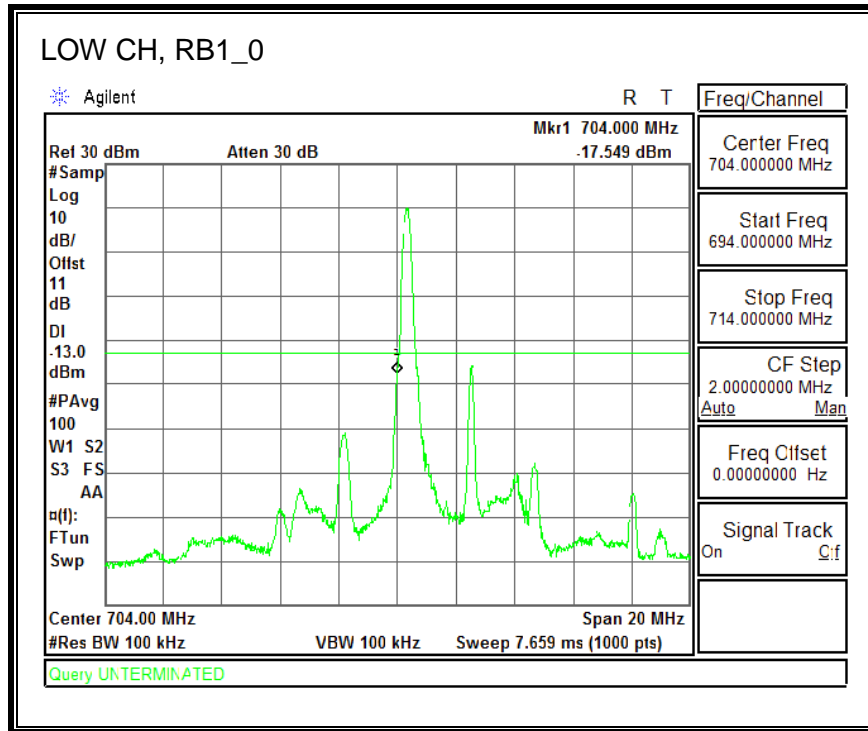


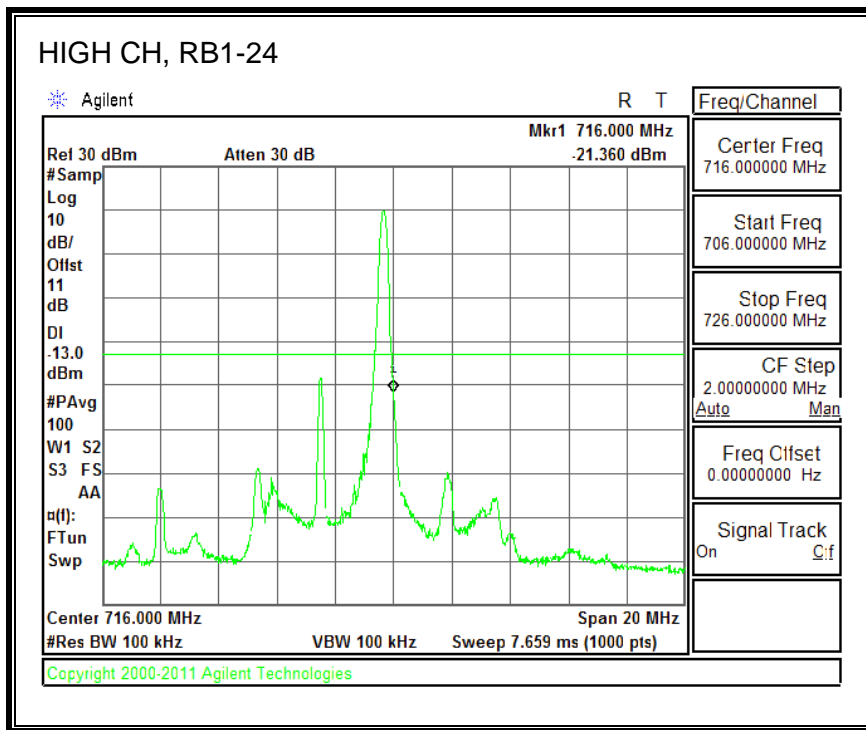
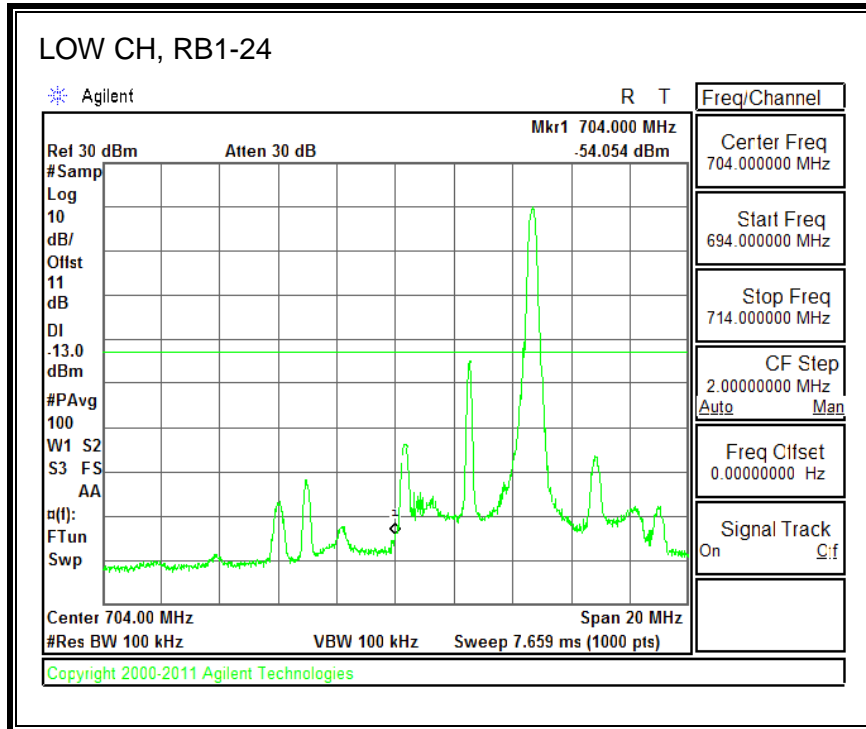


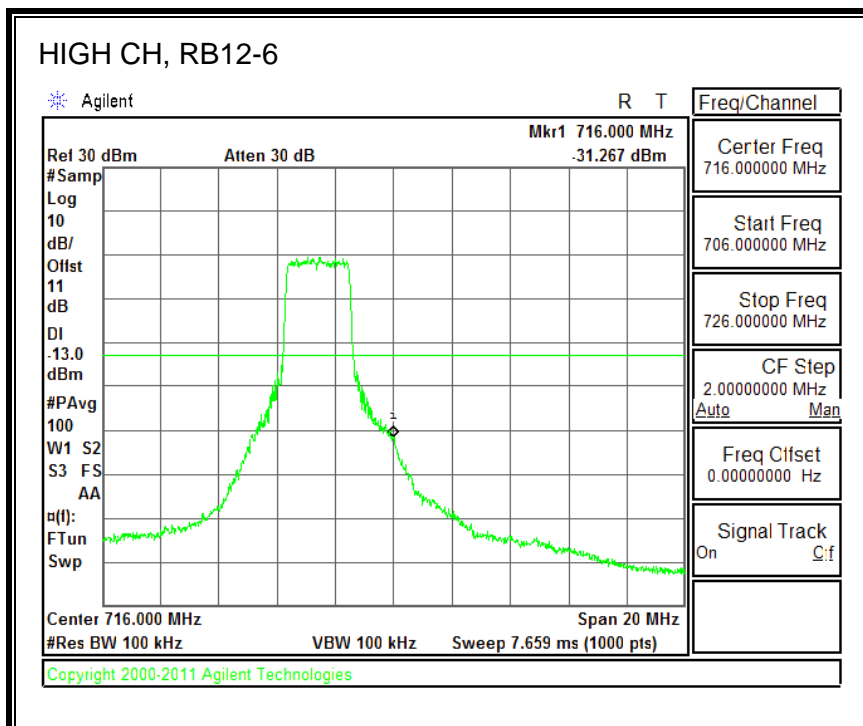
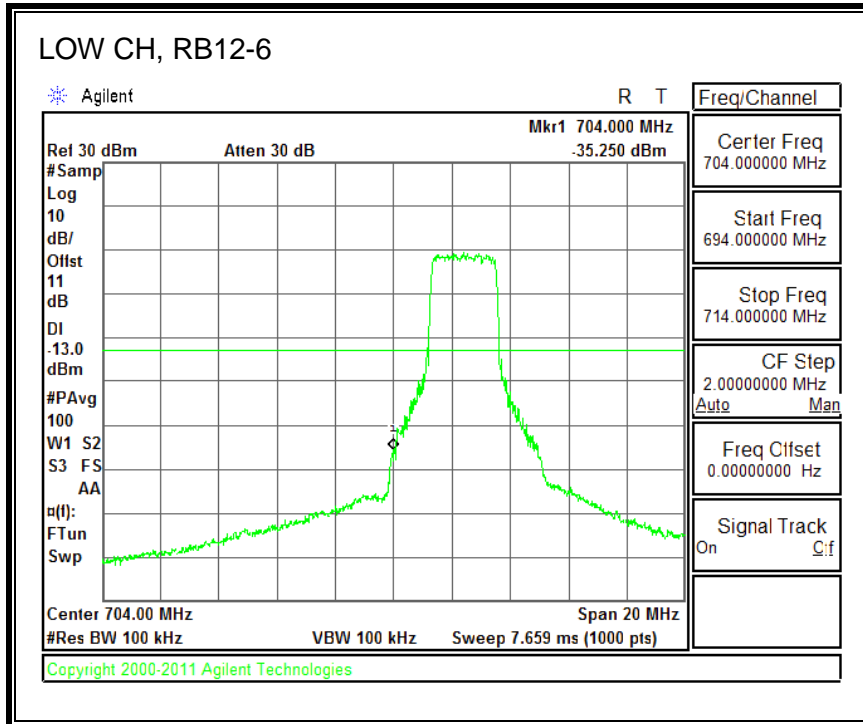


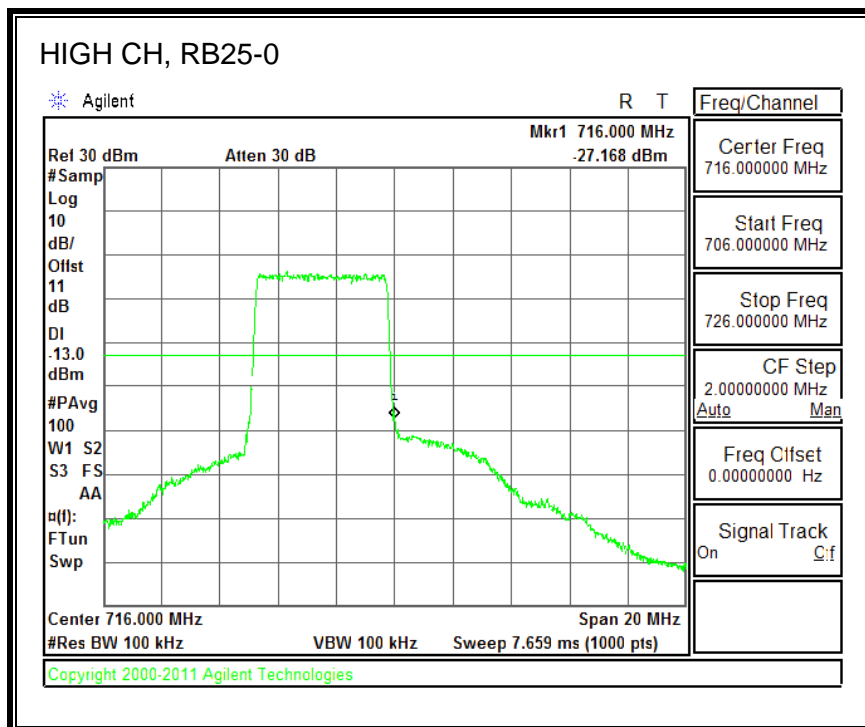
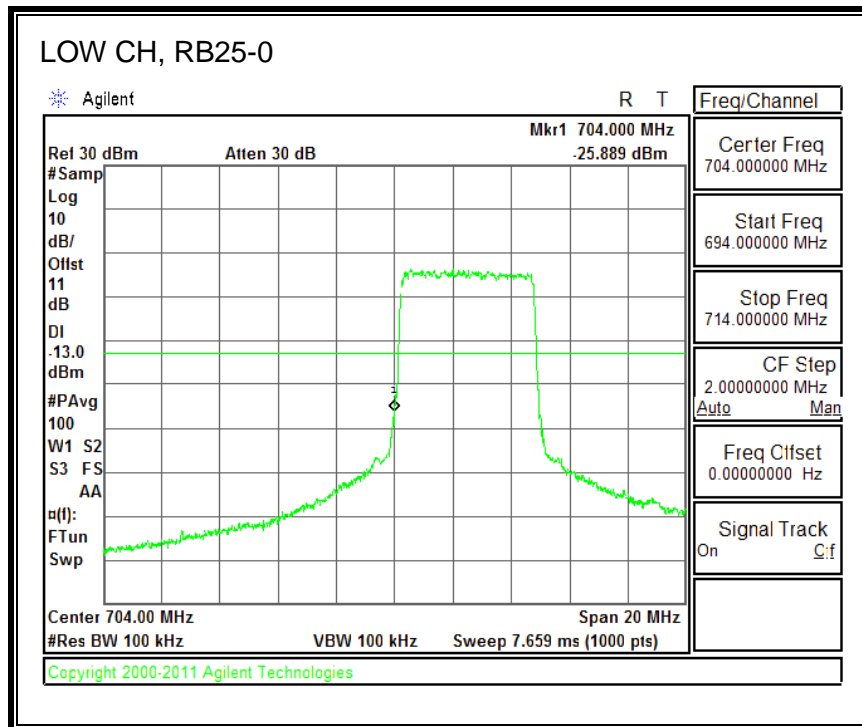


16QAM, (5.0 MHz BAND WIDTH)

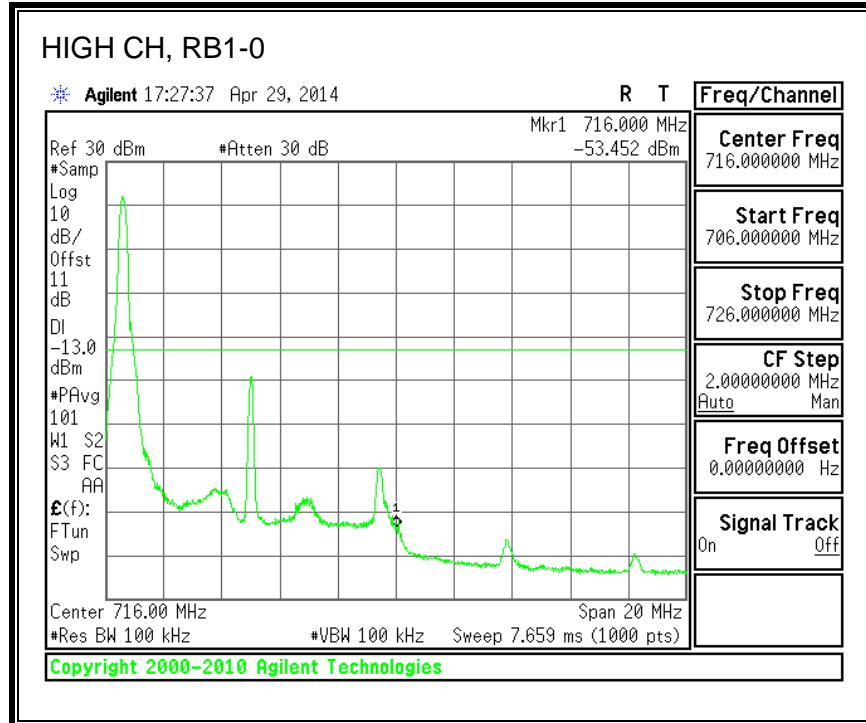
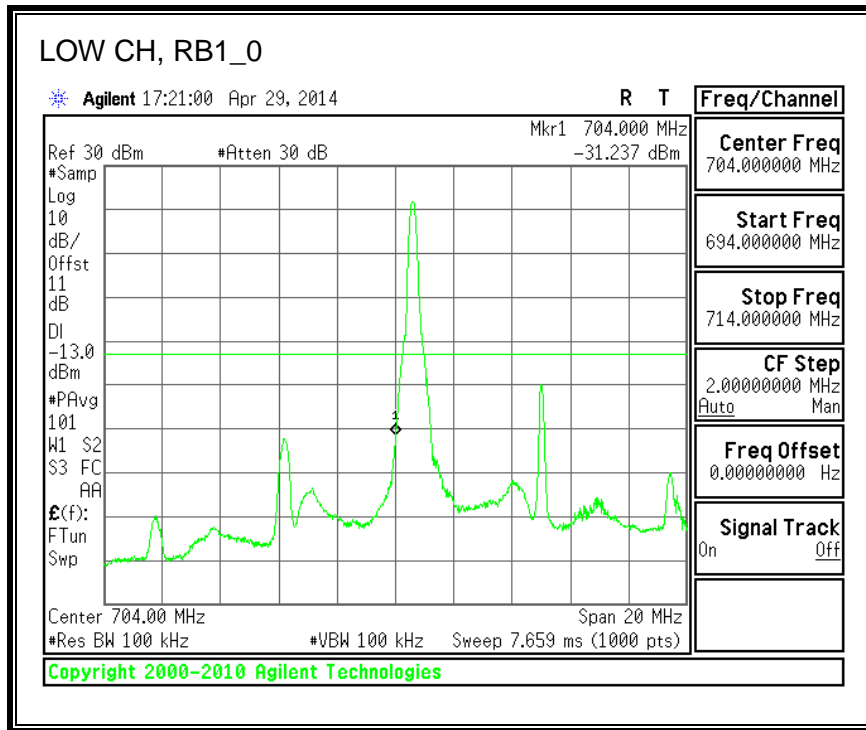


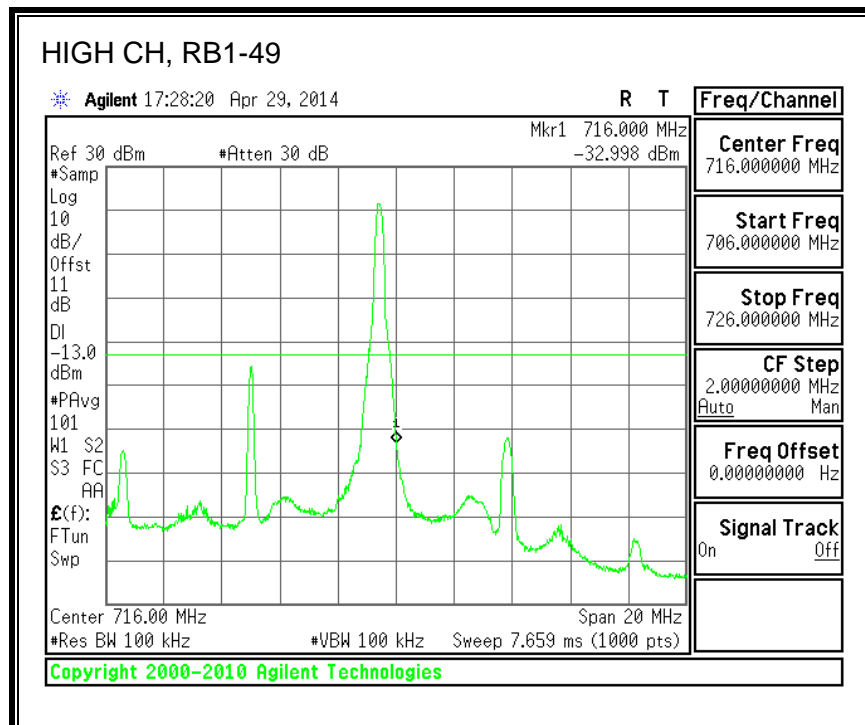
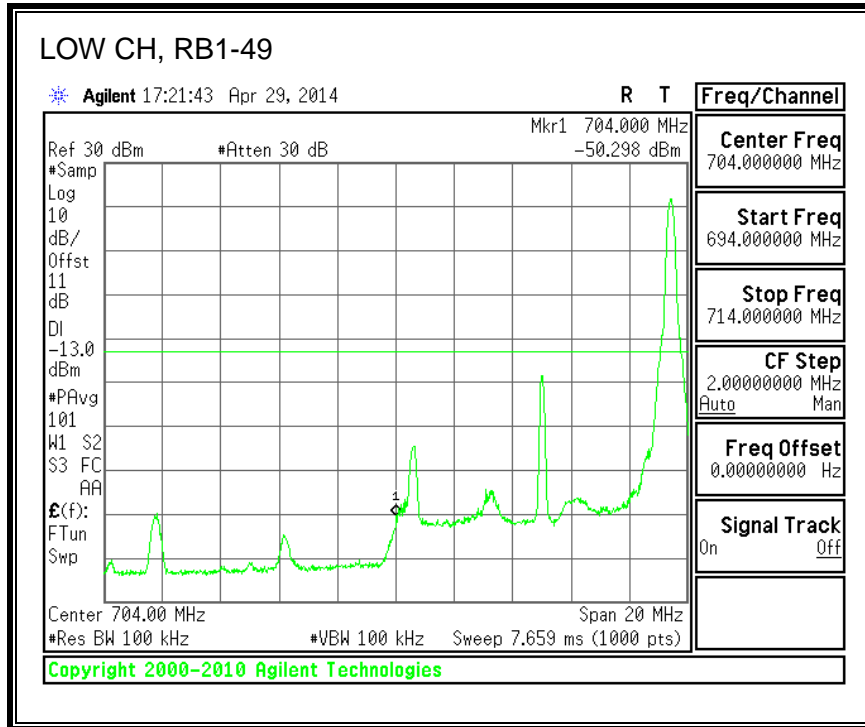


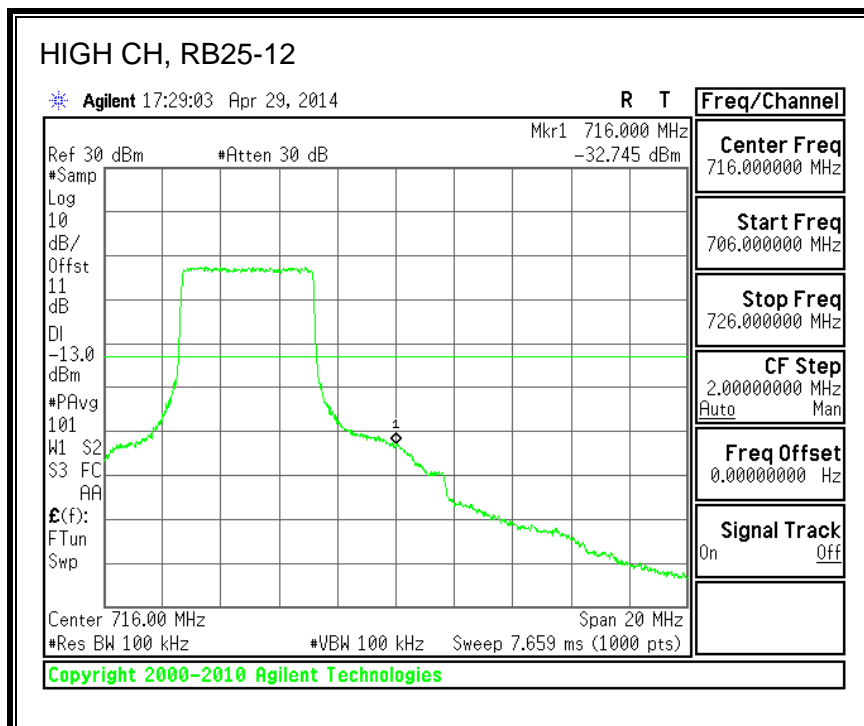
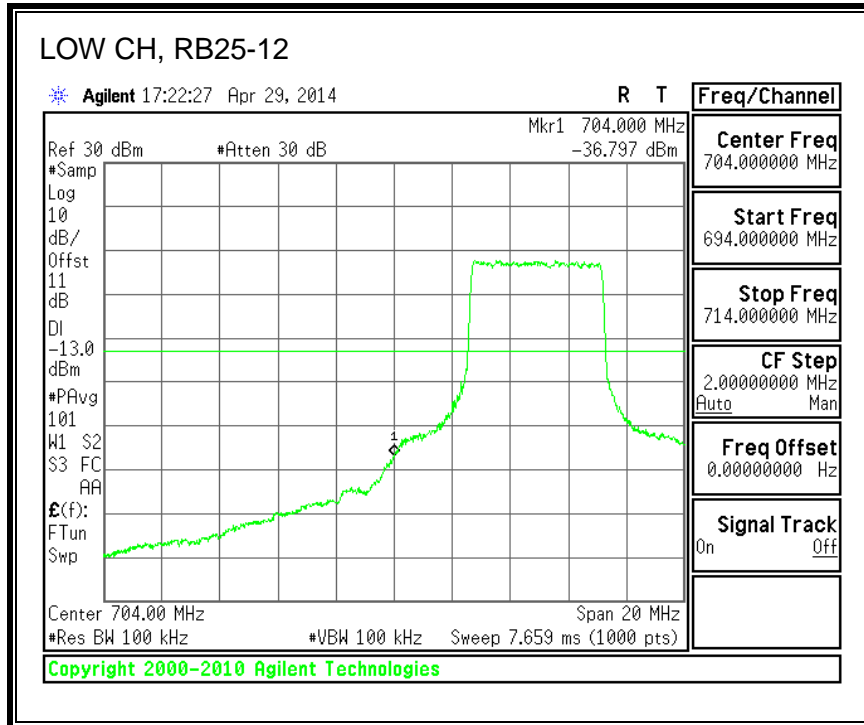


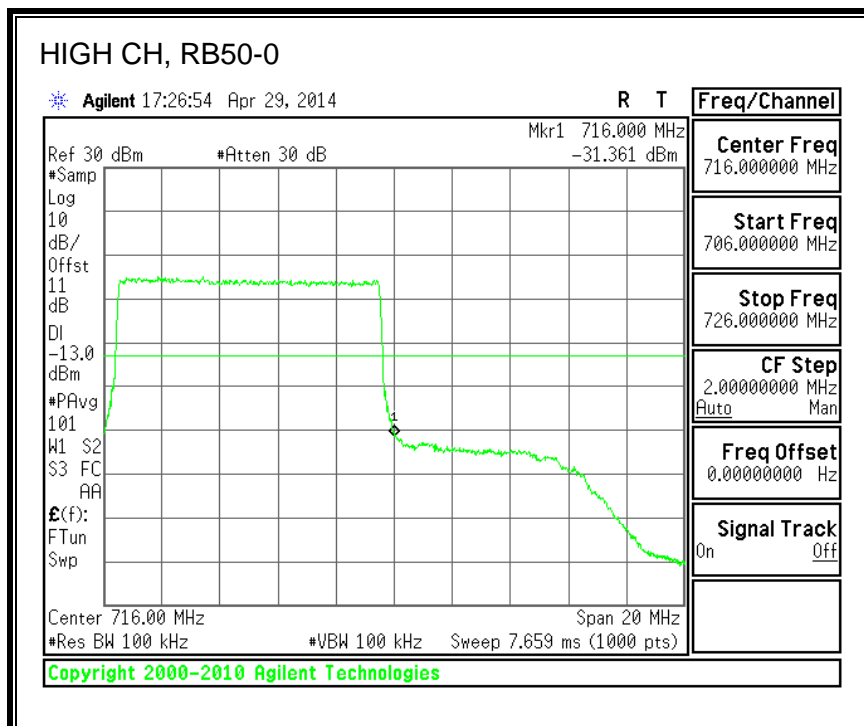
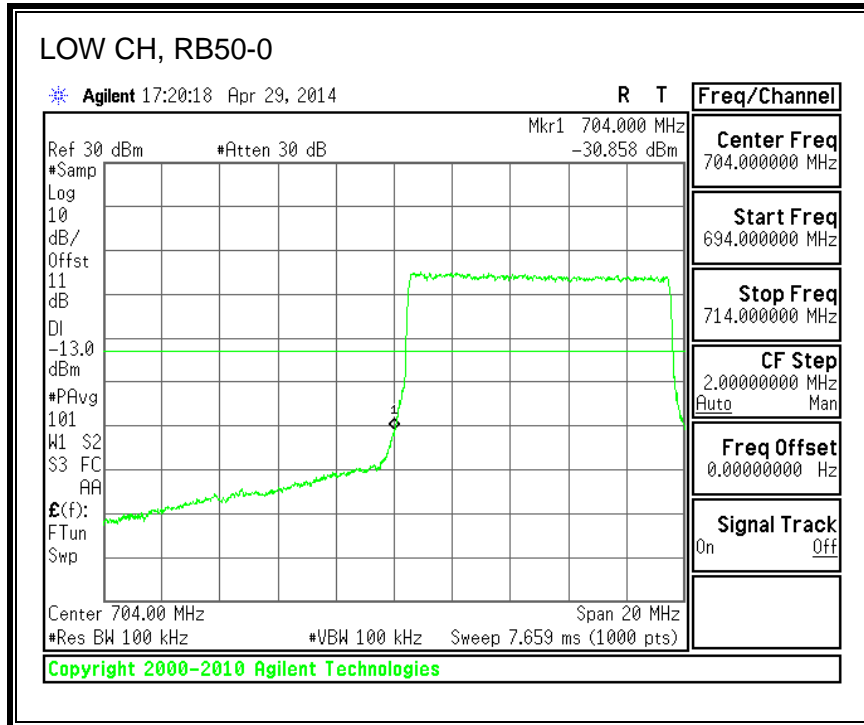


QPSK, (10.0 MHz BAND WIDTH)

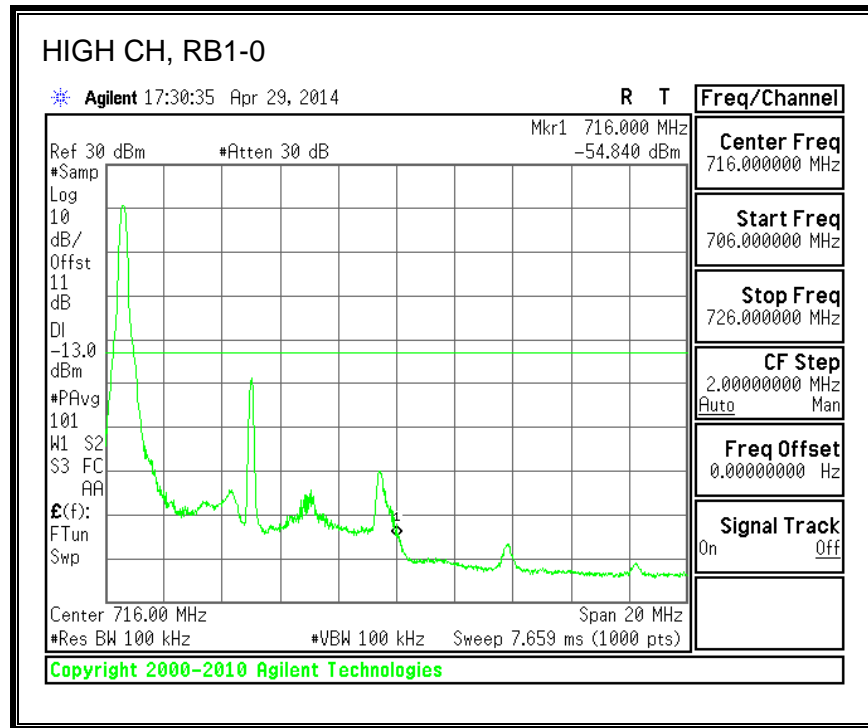
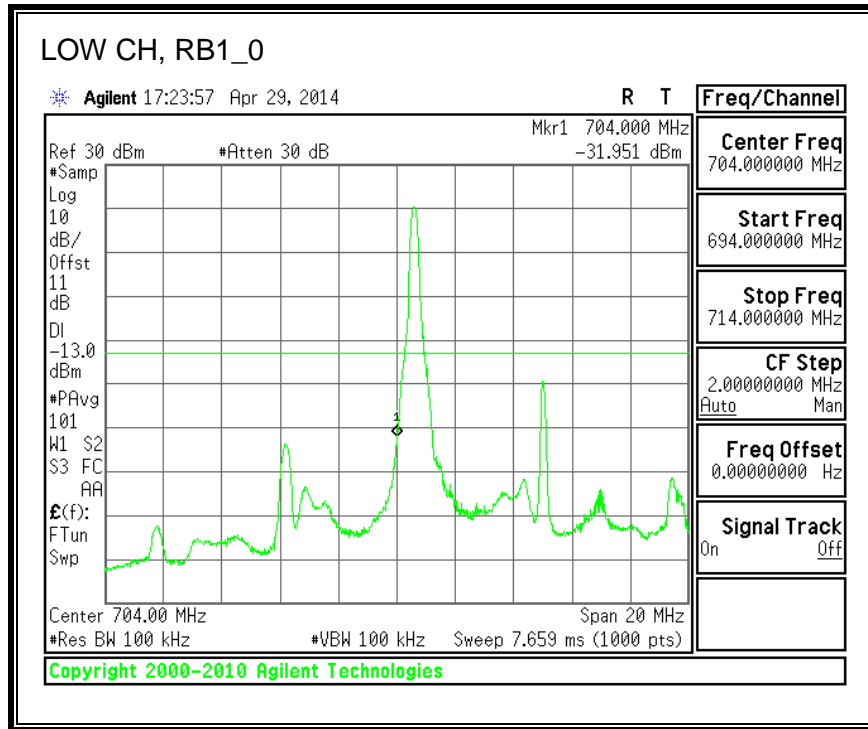


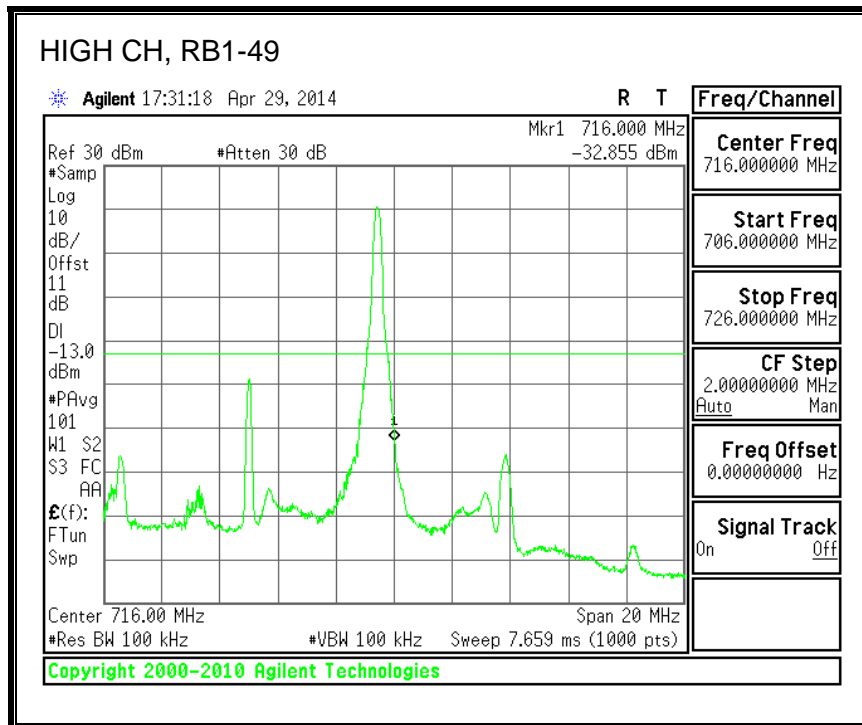
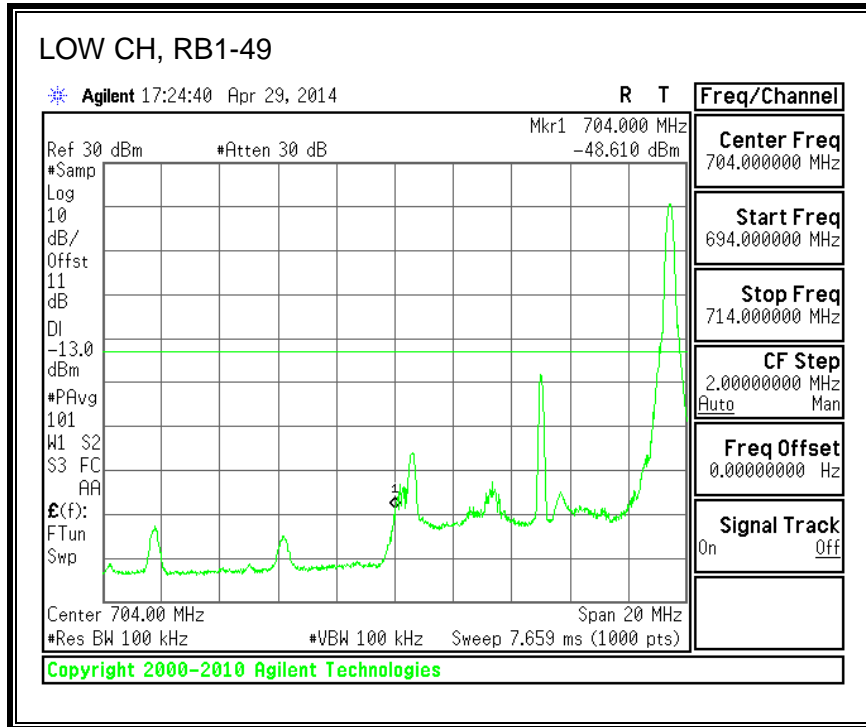


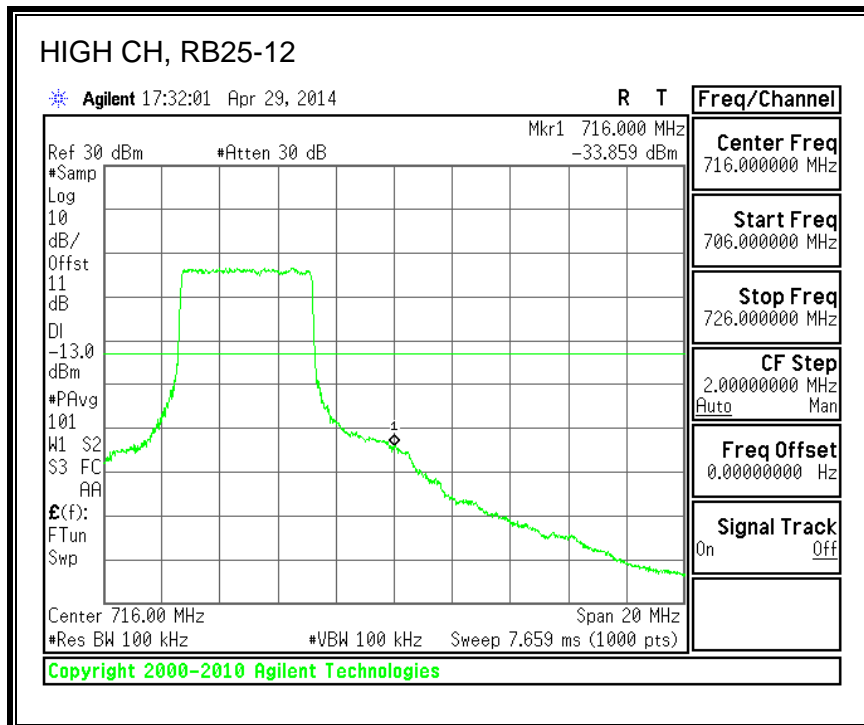
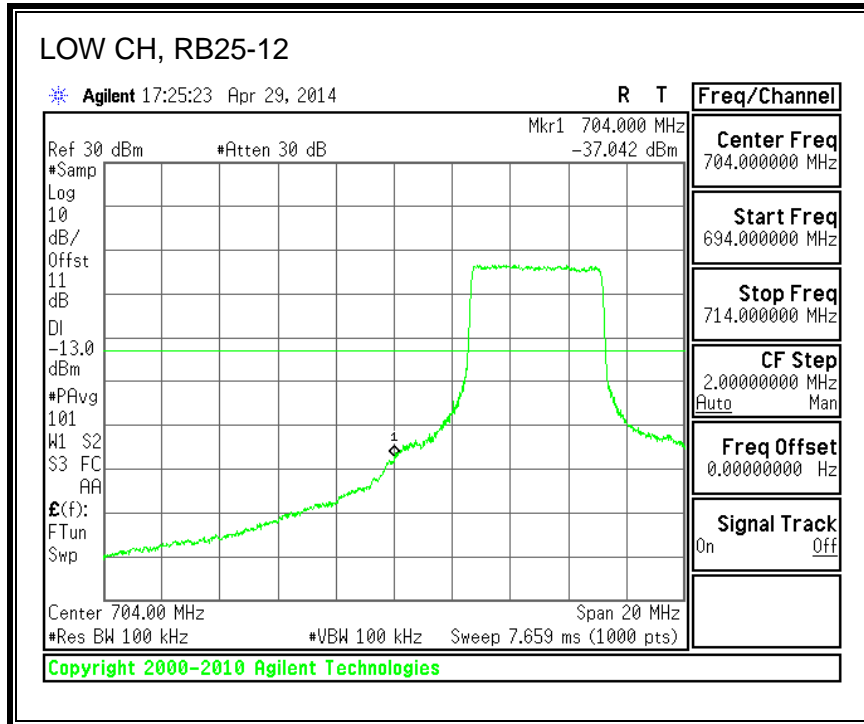


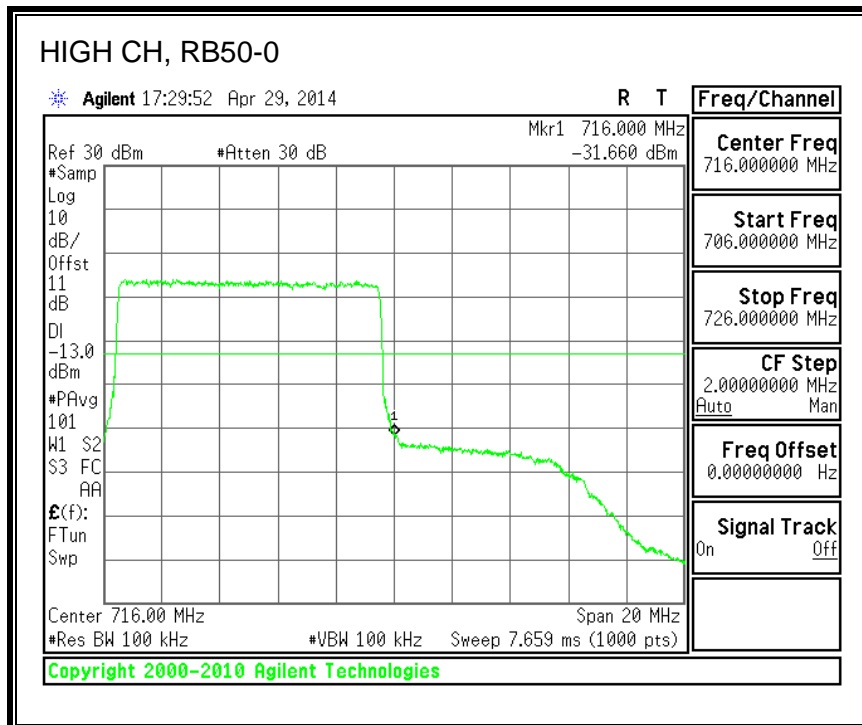
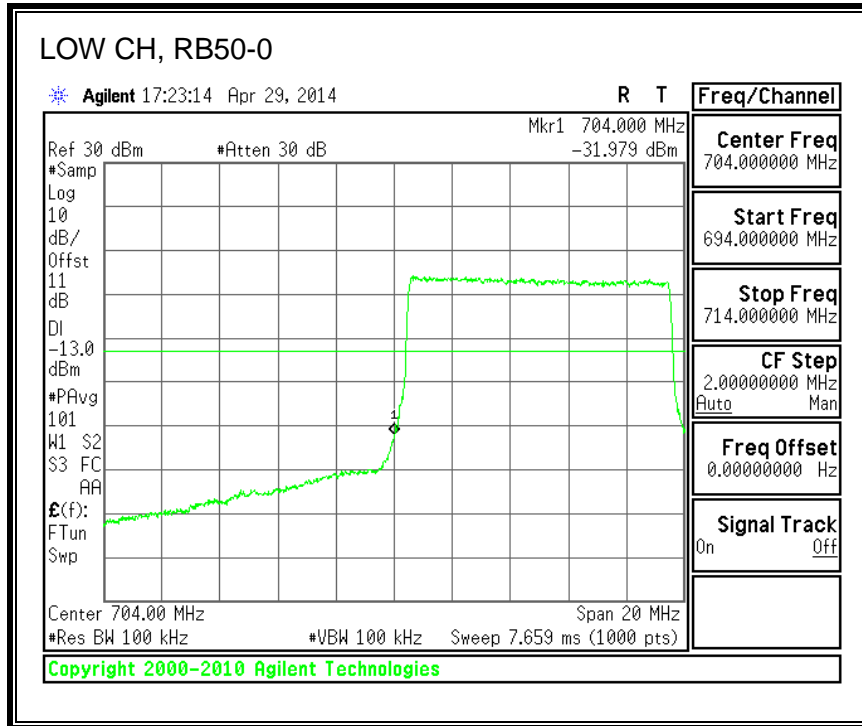


16QAM, (10.0 MHz BAND WIDTH)



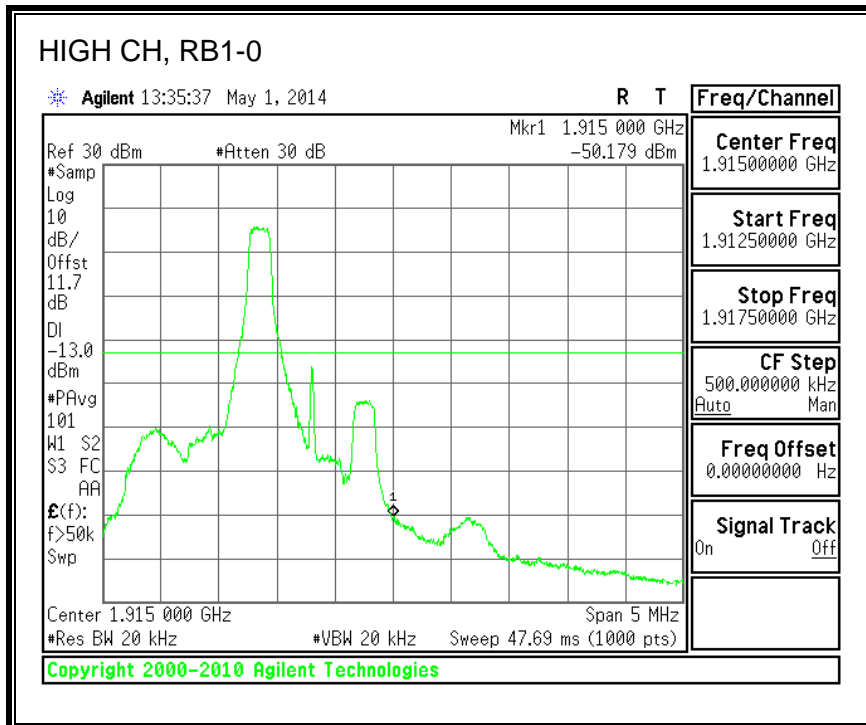
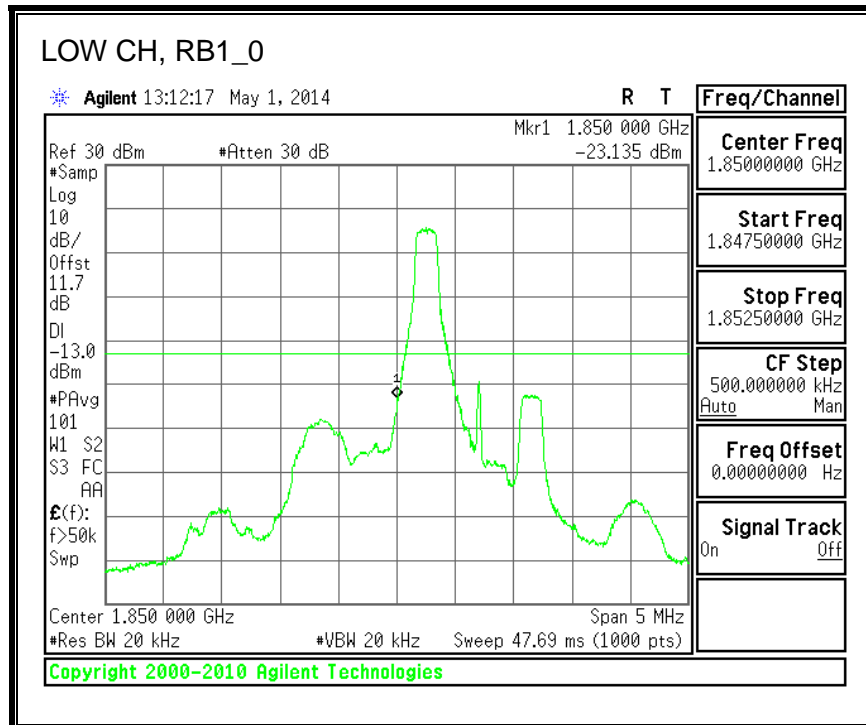


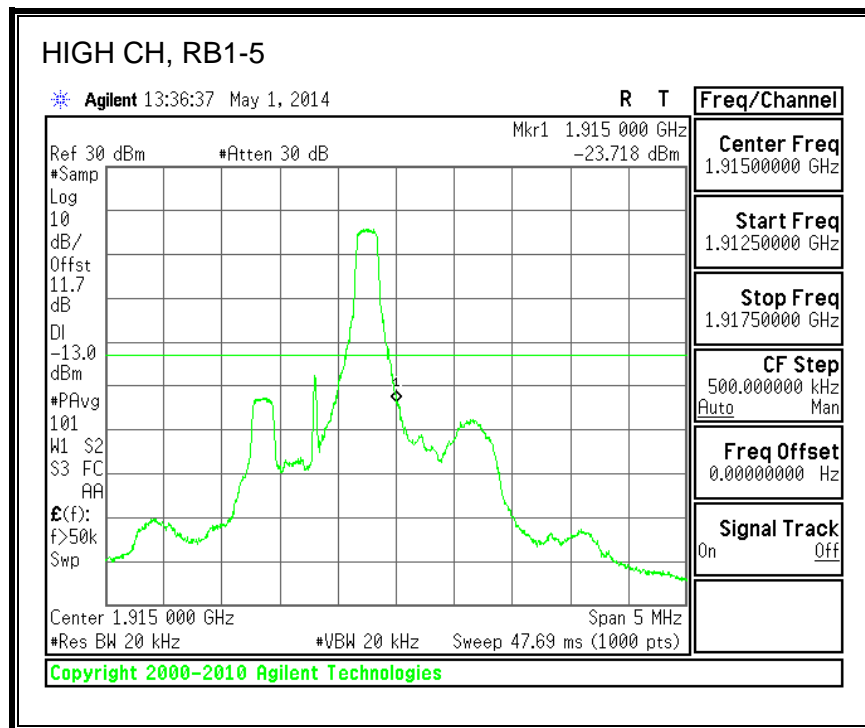
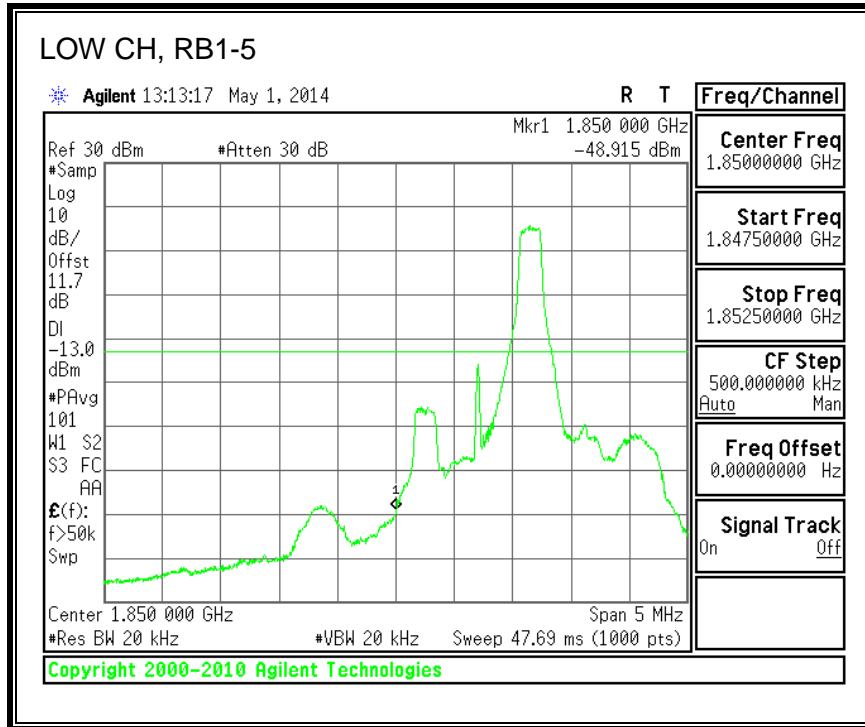


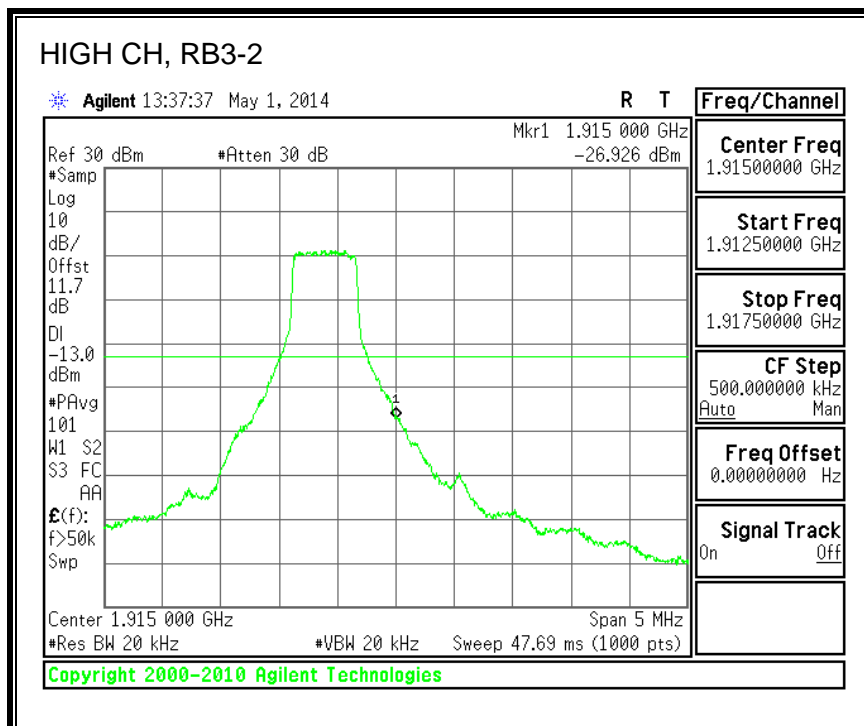
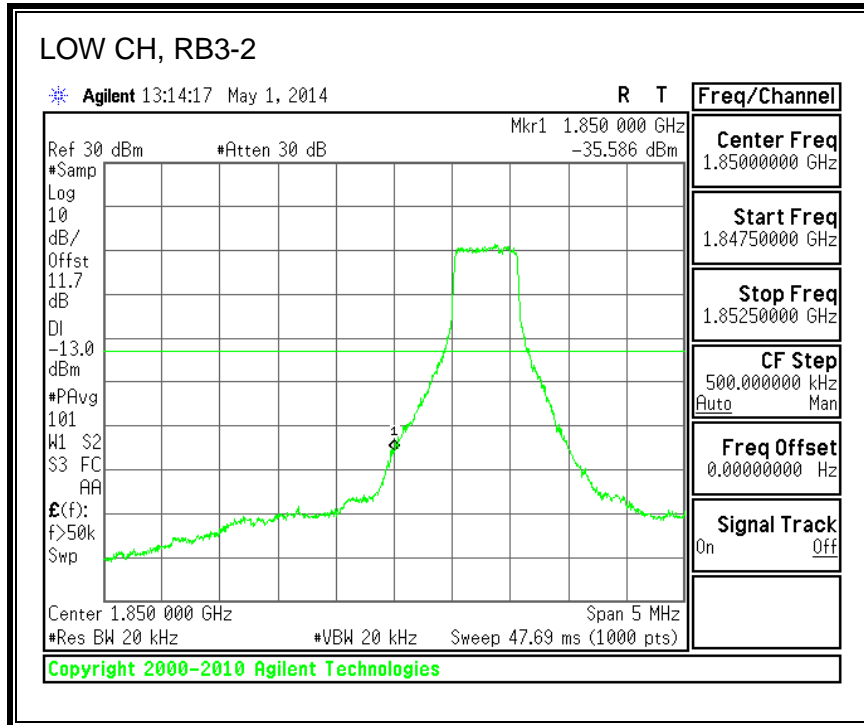


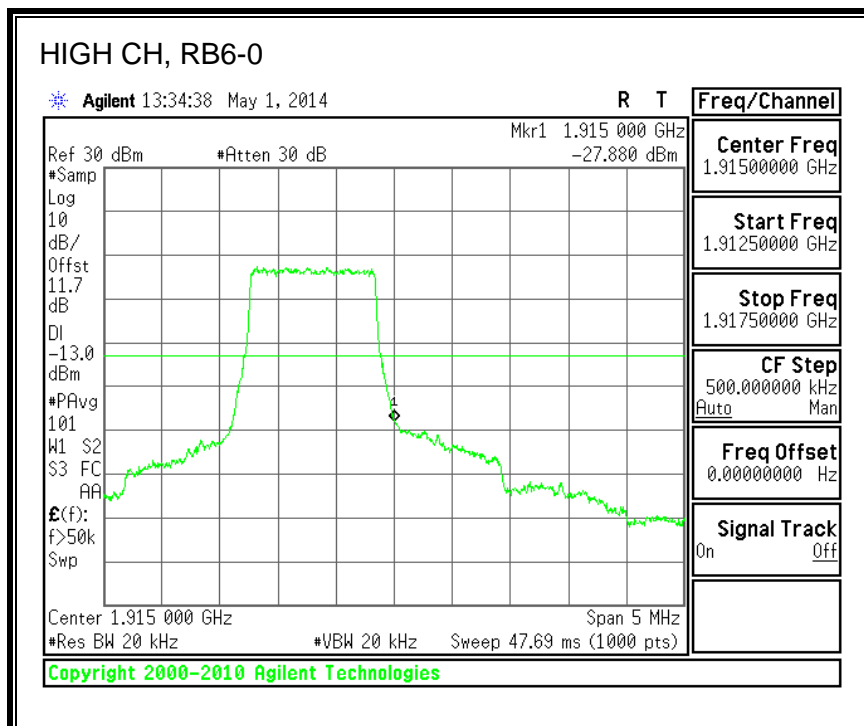
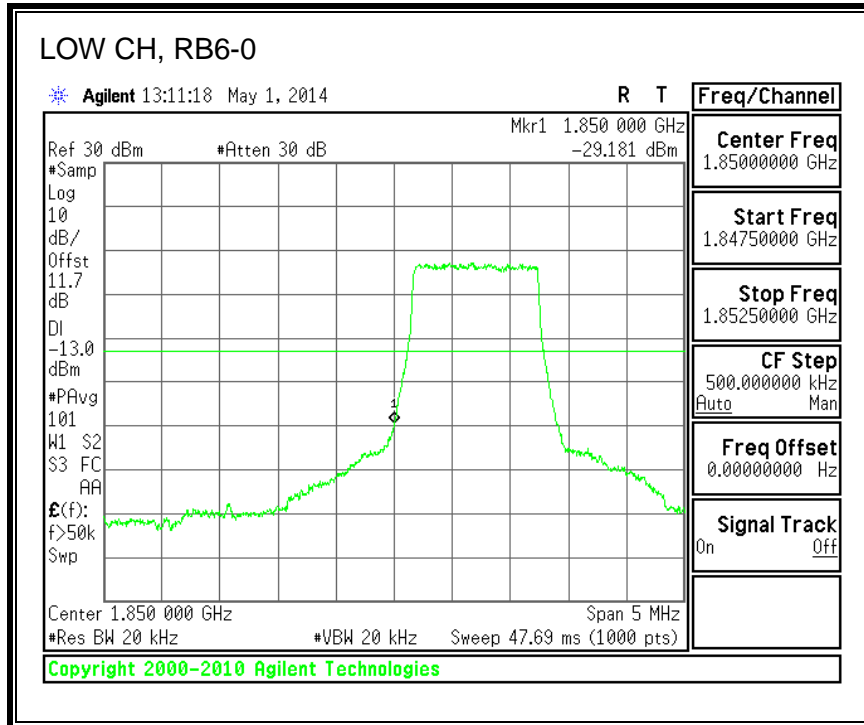
8.2.6. LTE BAND 25 BANDEDGE

QPSK, (1.4 MHz BAND WIDTH)

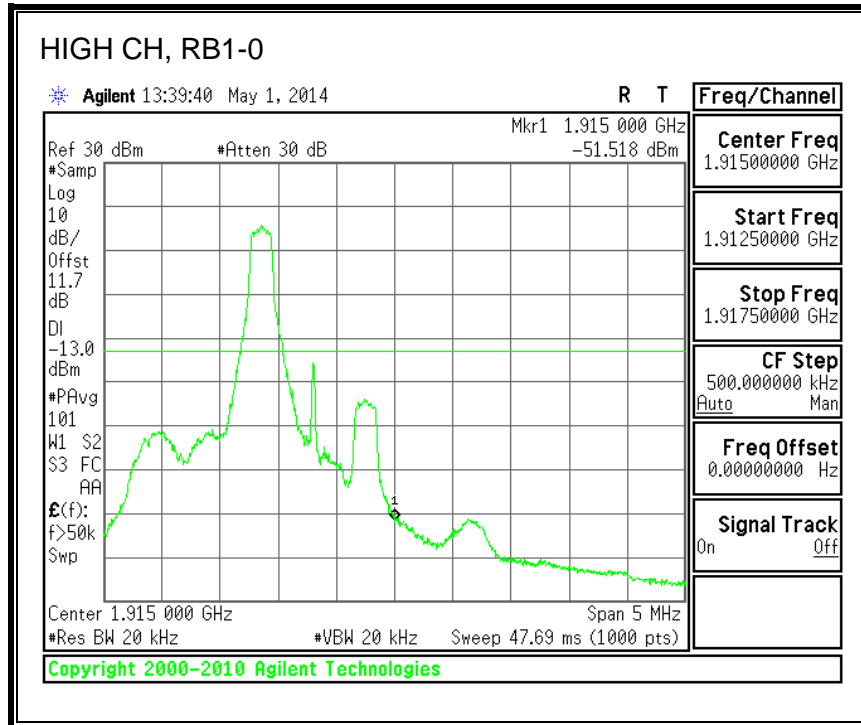
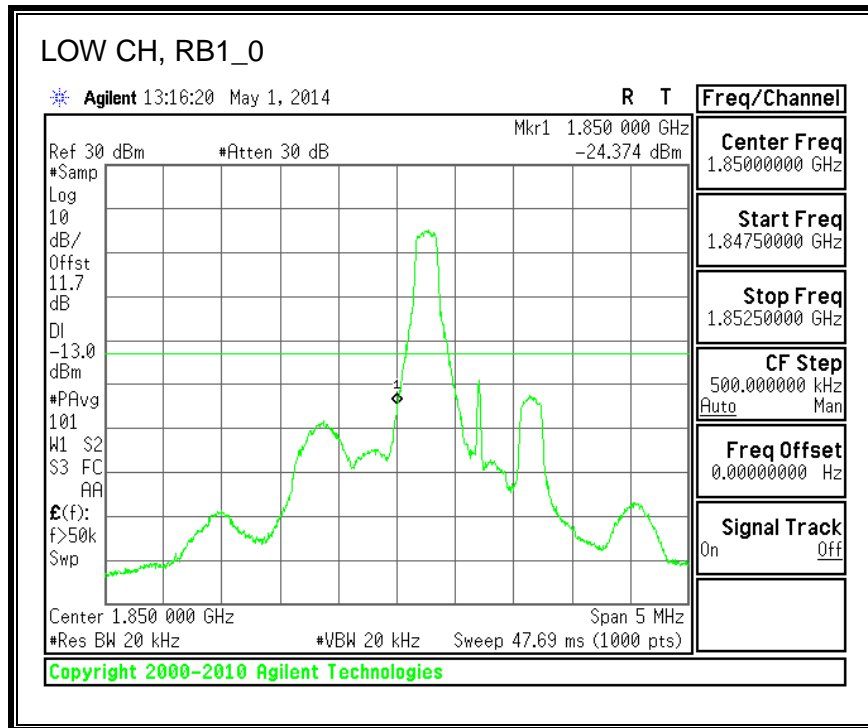


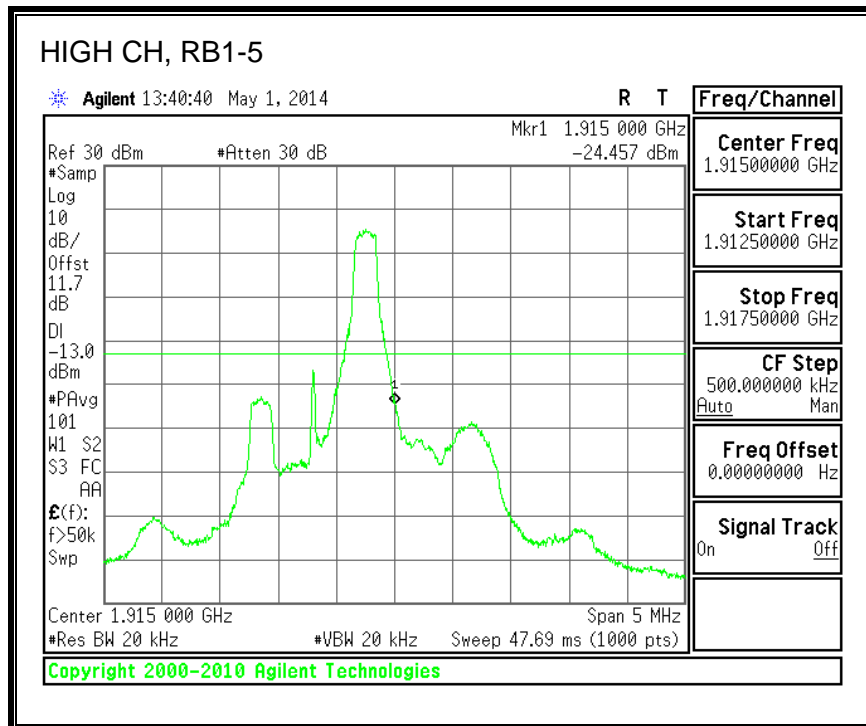
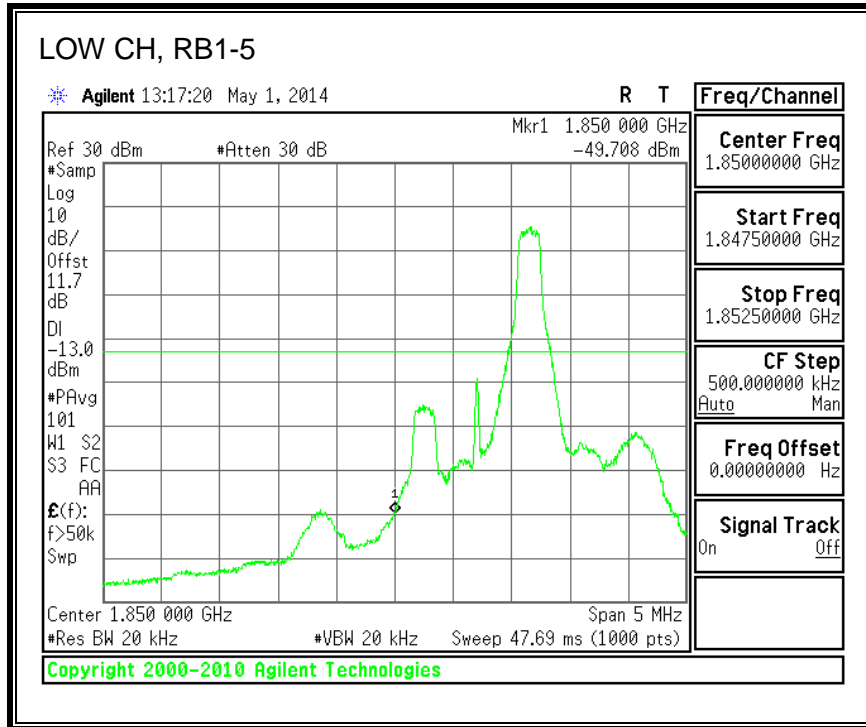


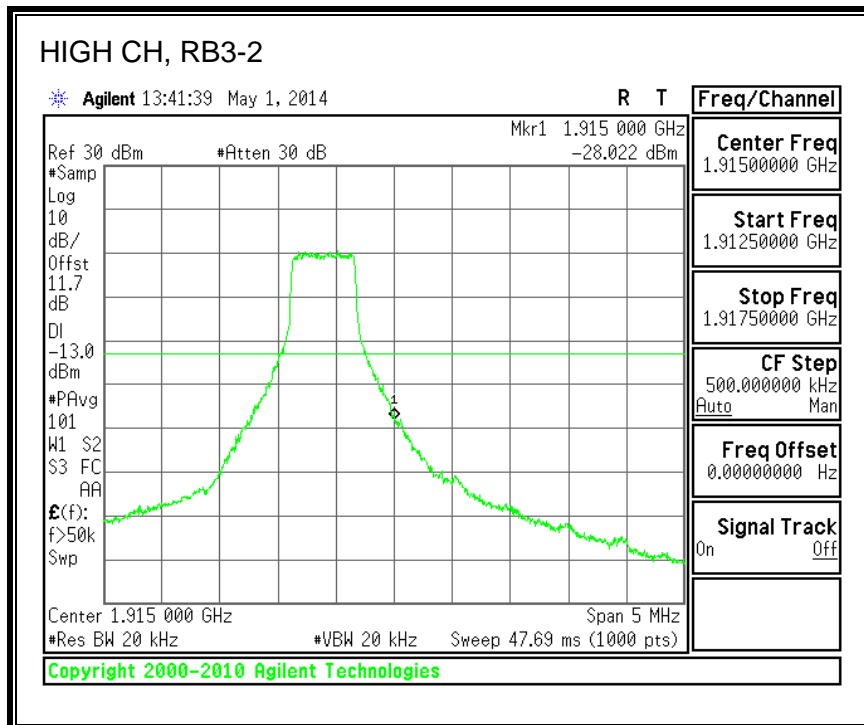
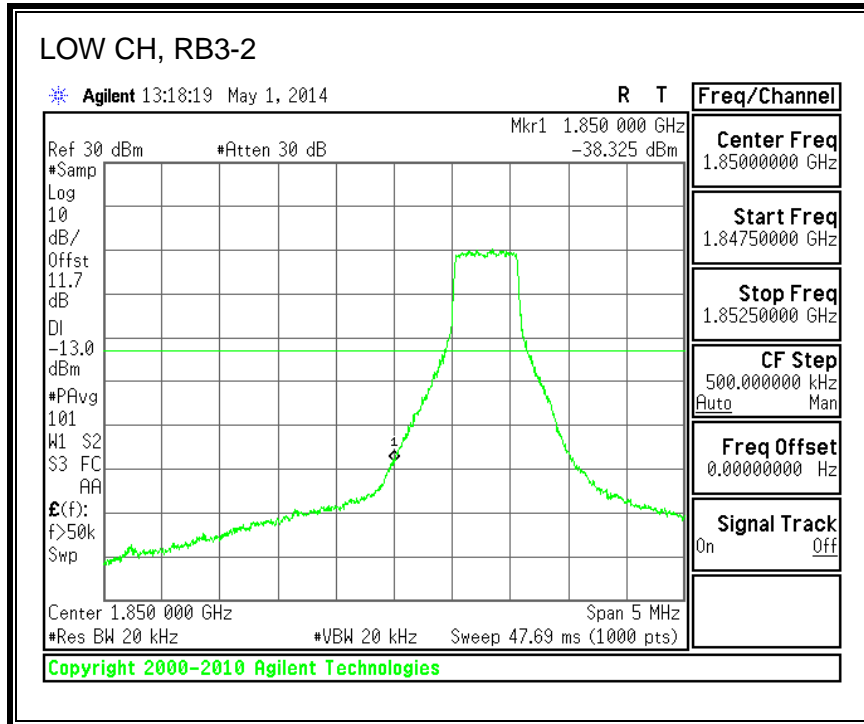


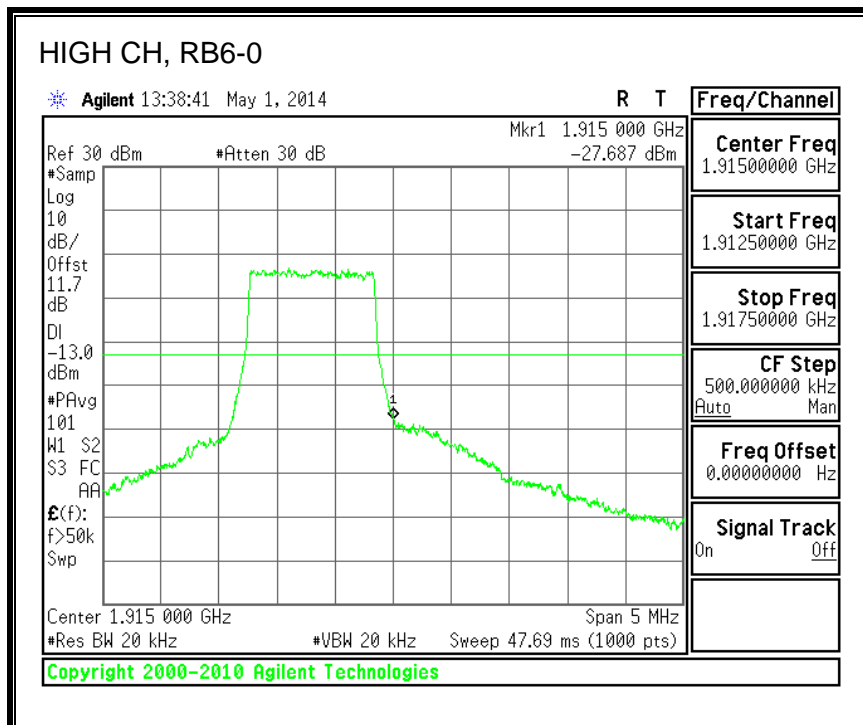
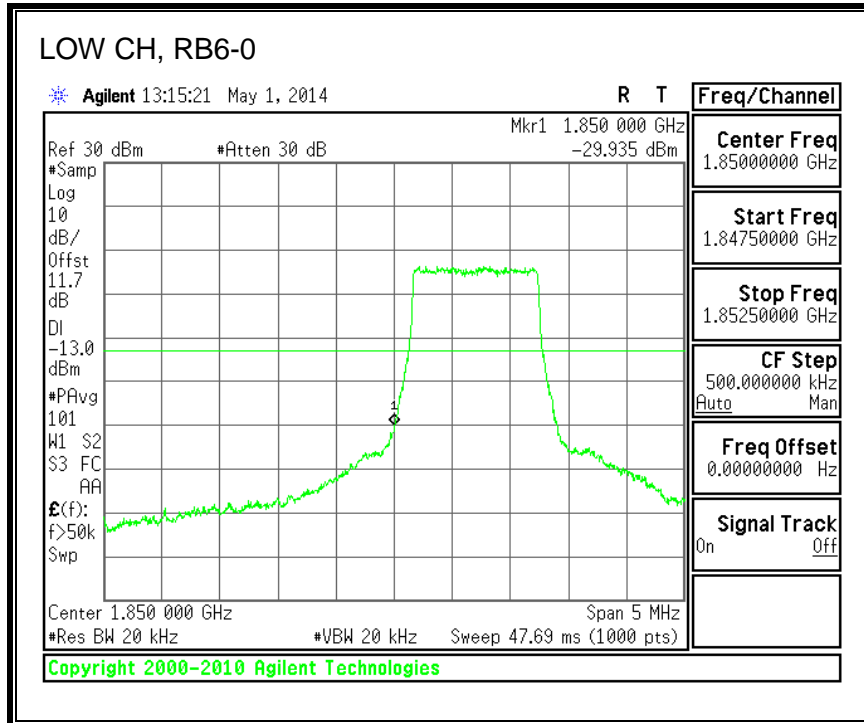


16QAM, (1.4 MHz BAND WIDTH)

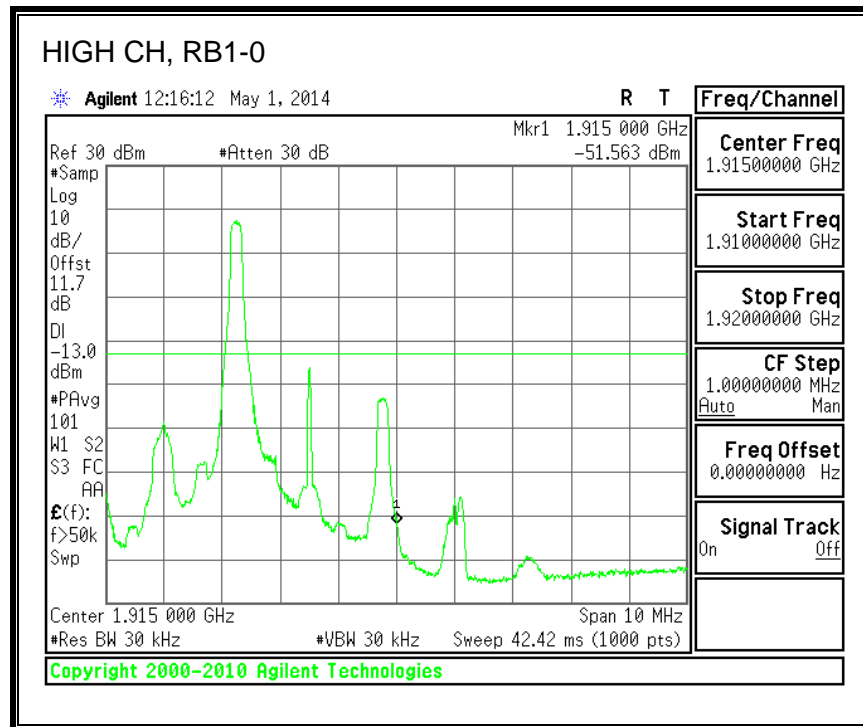
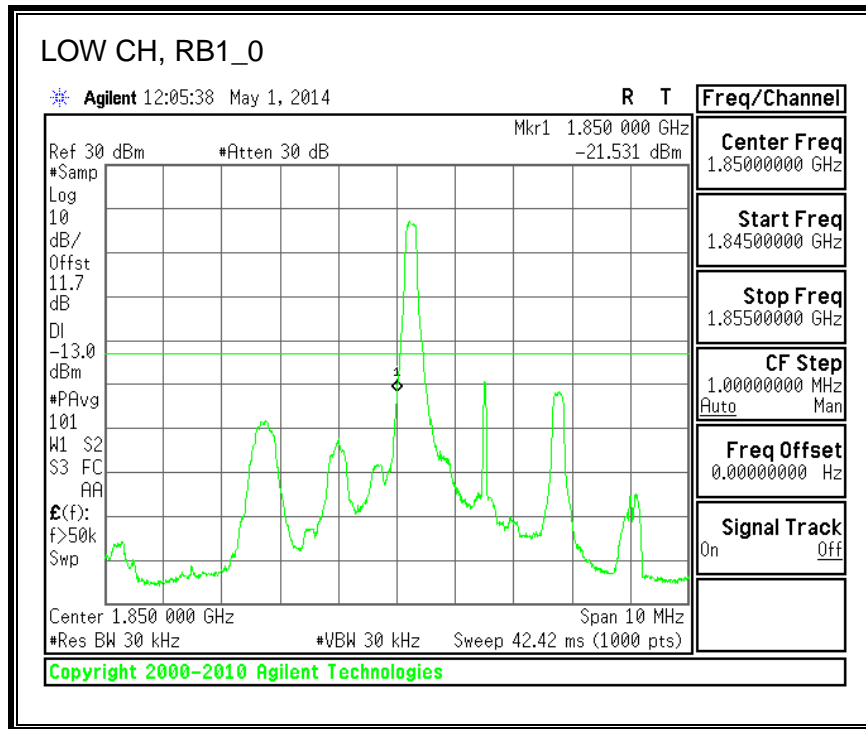


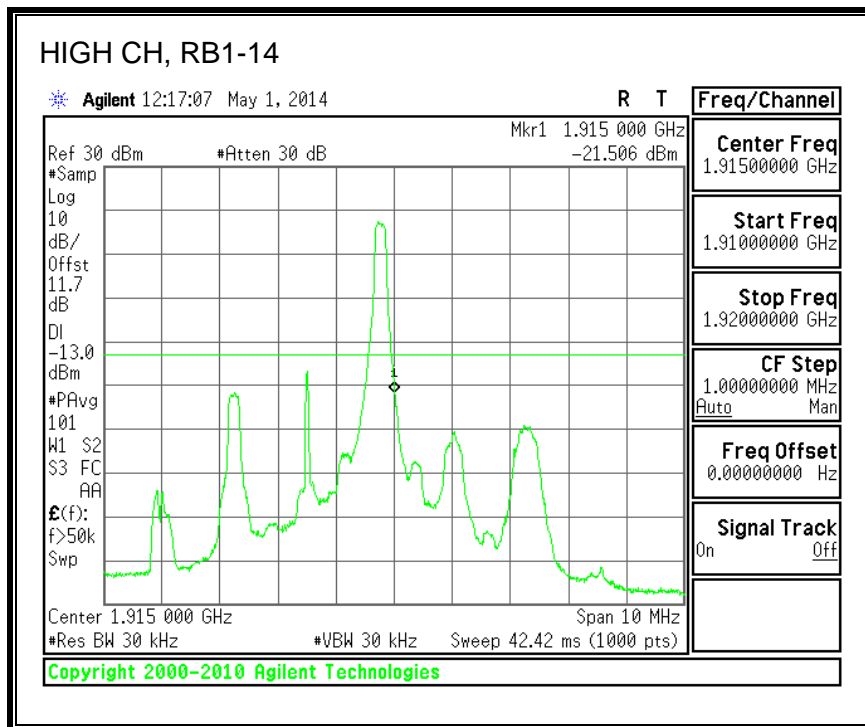
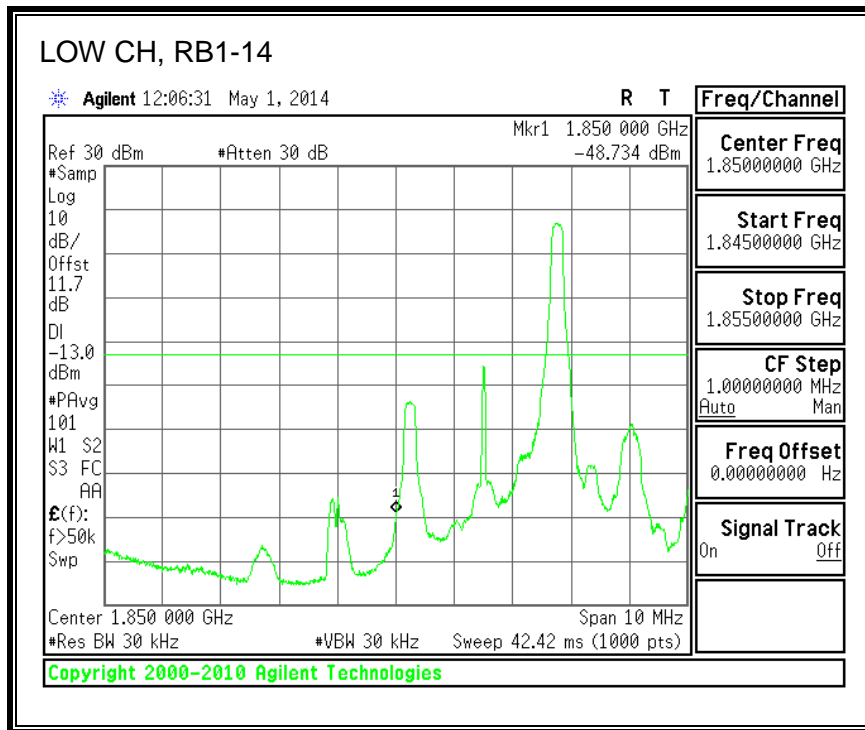


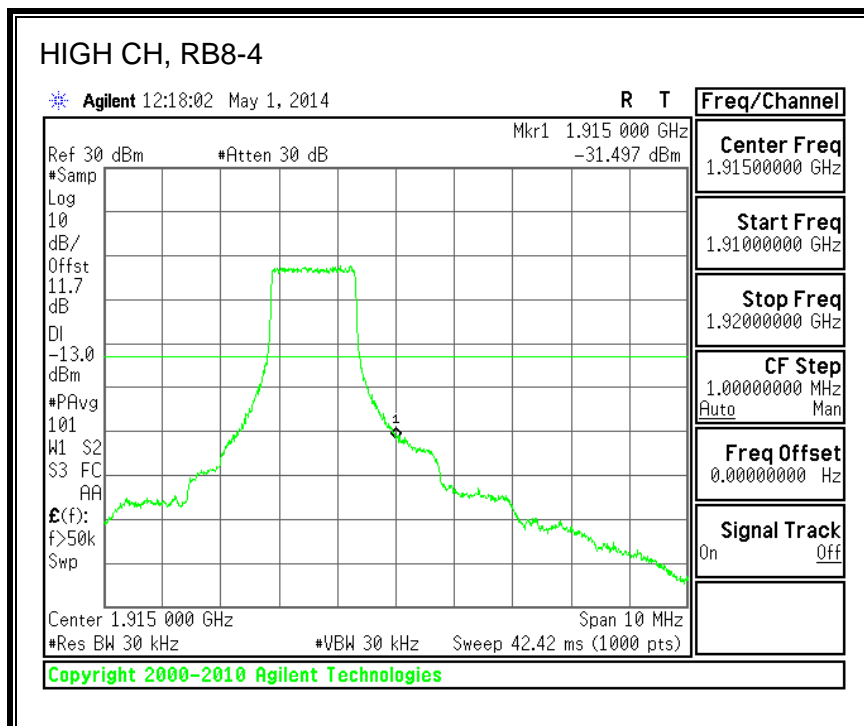
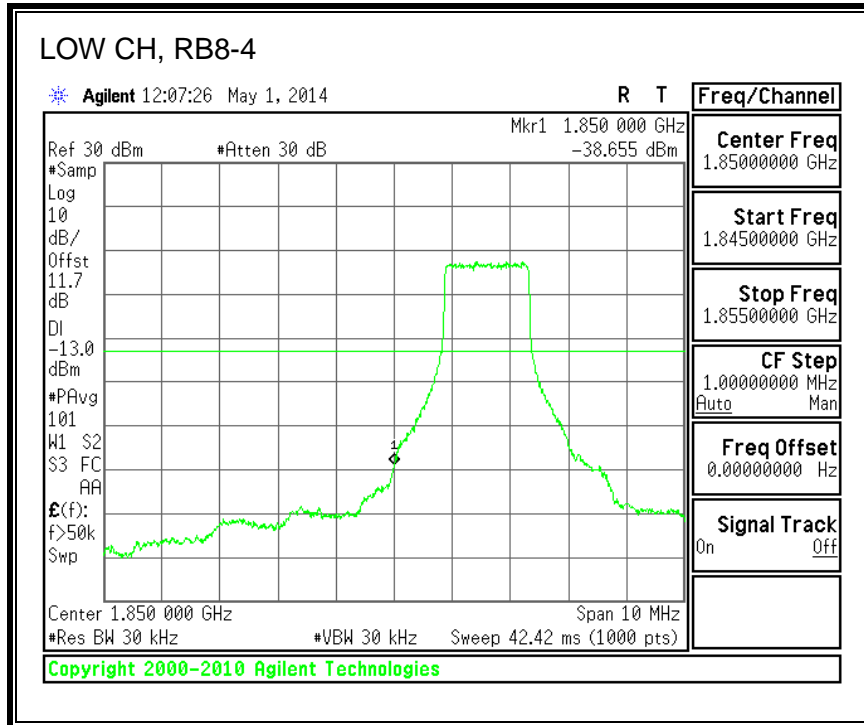


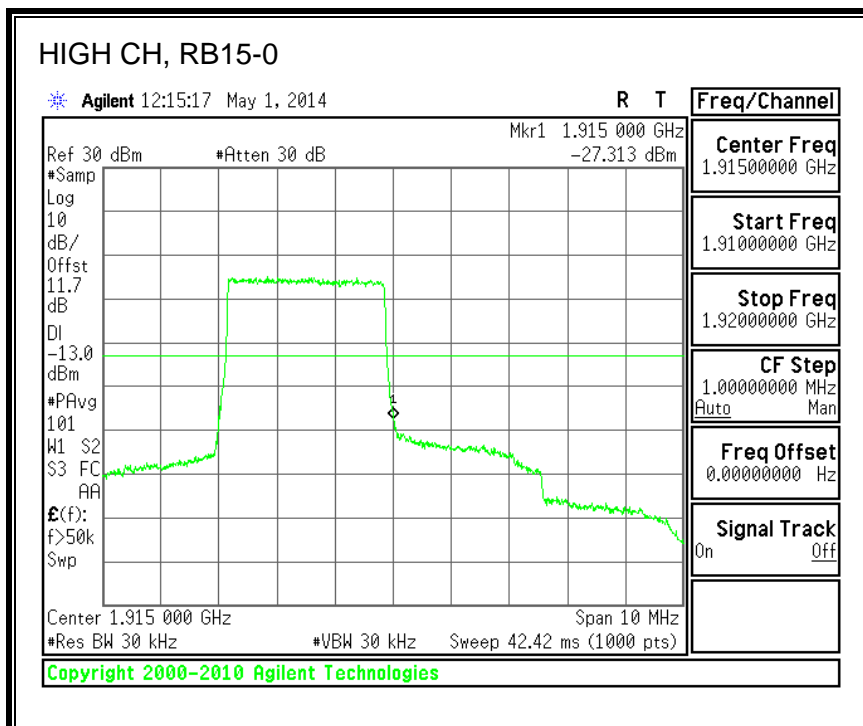
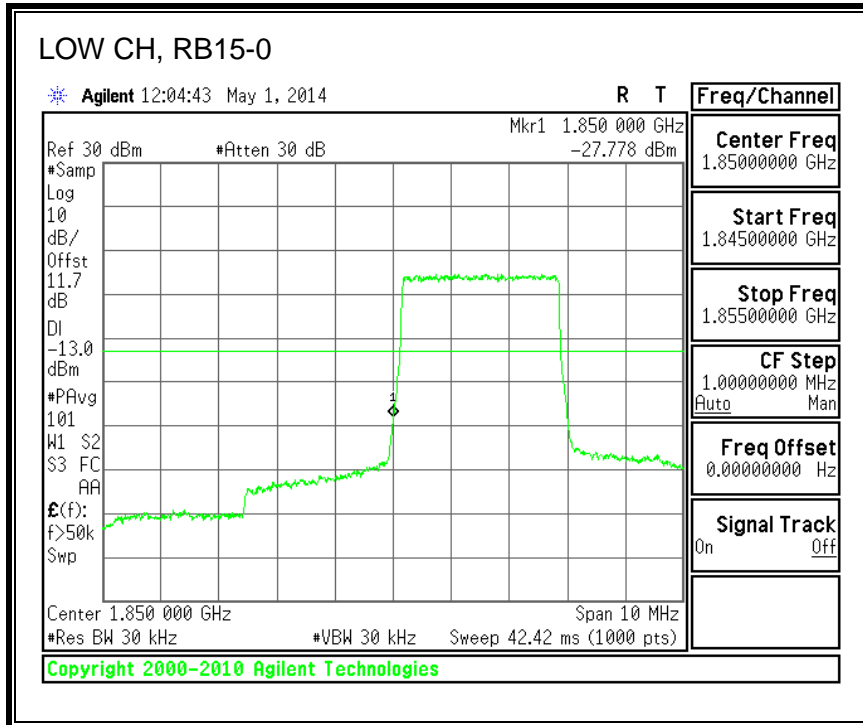


QPSK, (3.0 MHz BAND WIDTH)

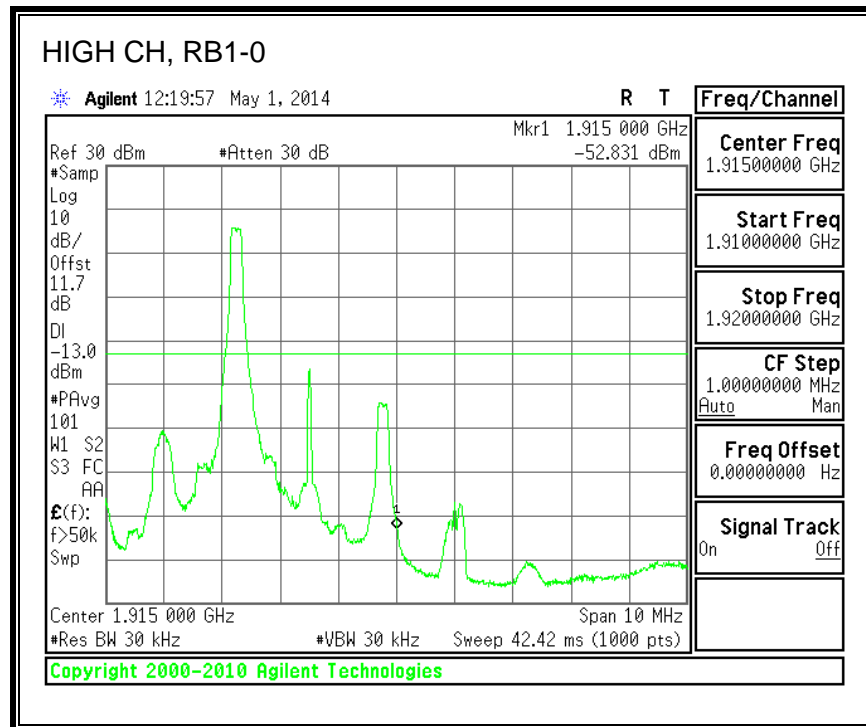
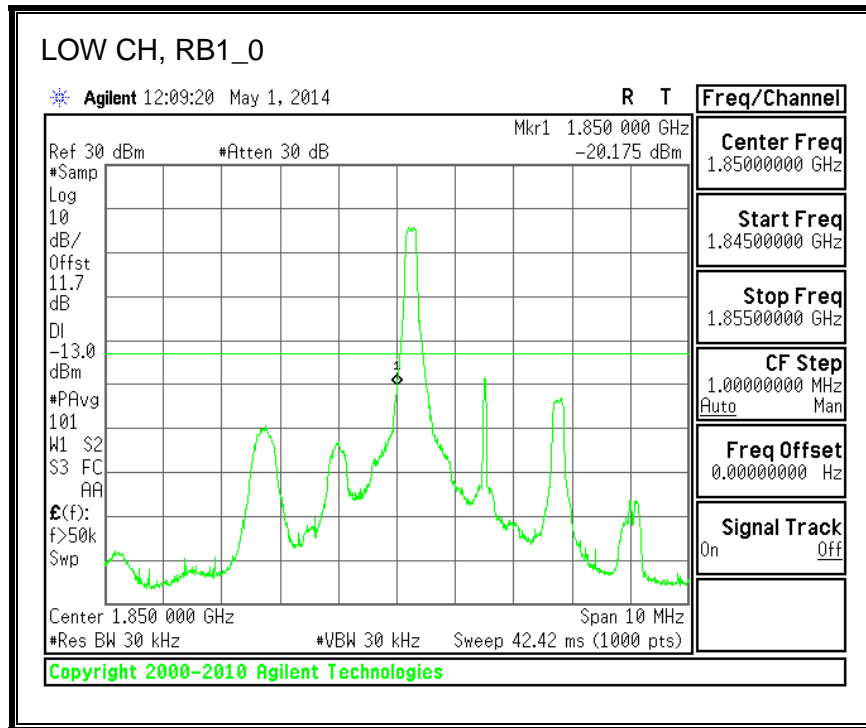


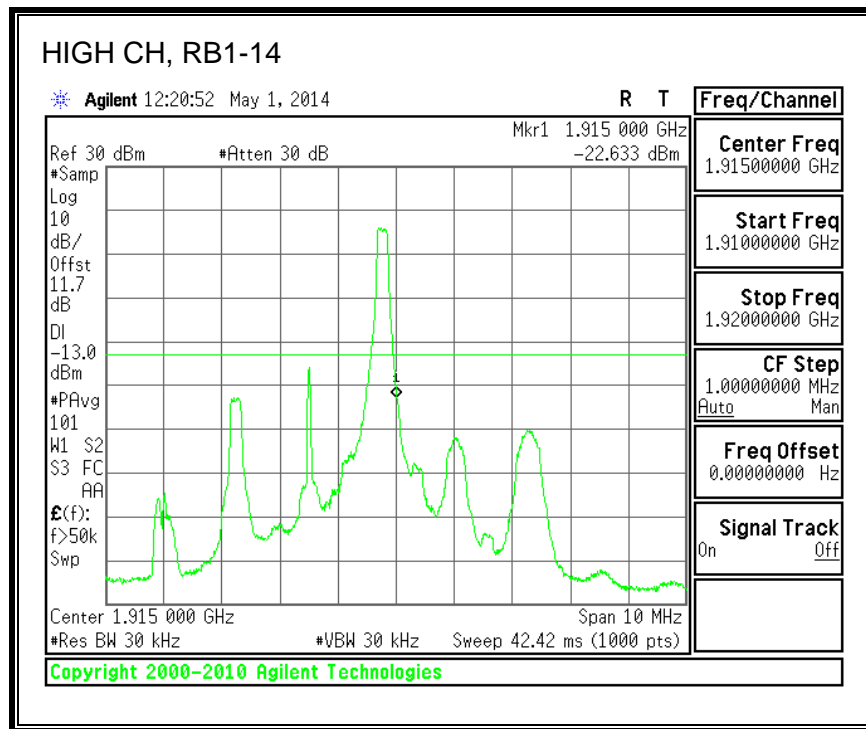
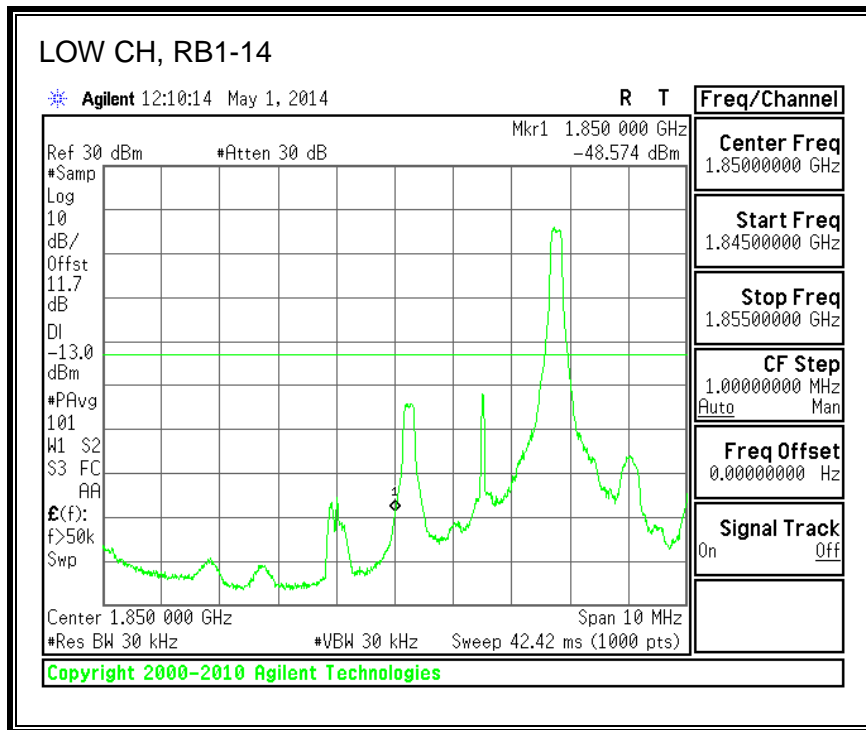


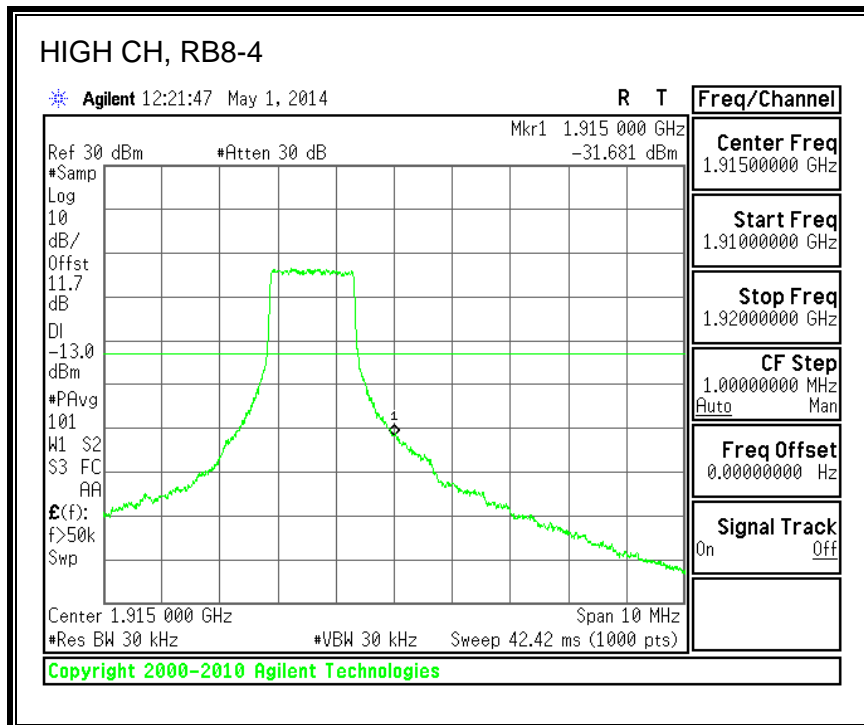
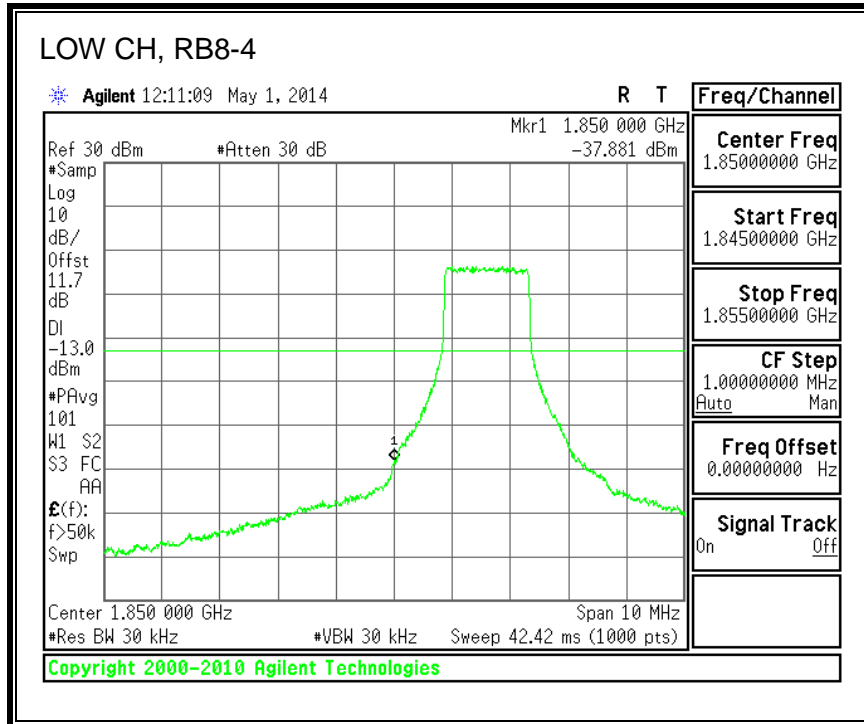


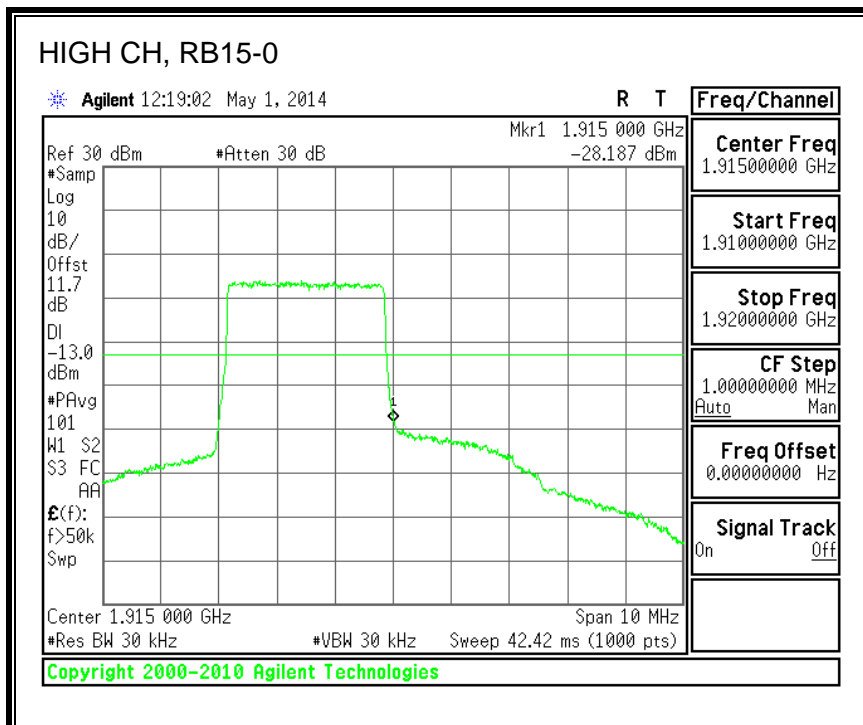
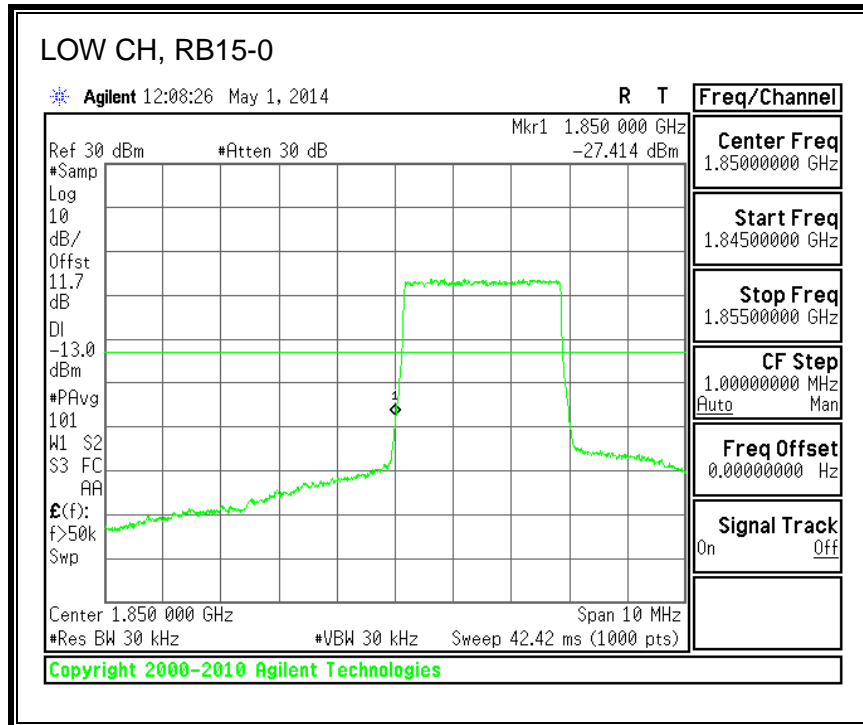


16QAM, (3.0 MHz BAND WIDTH)

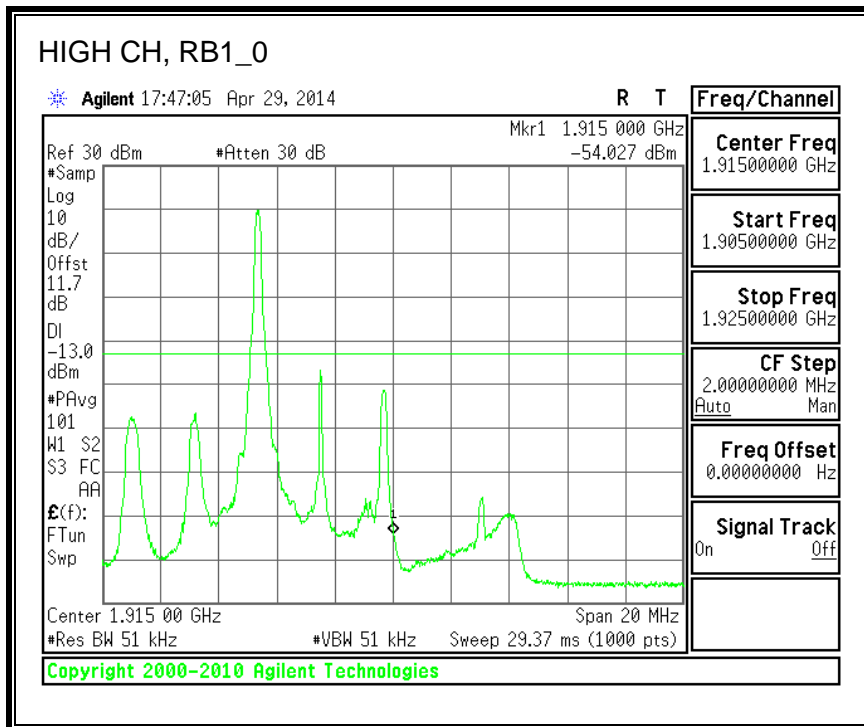
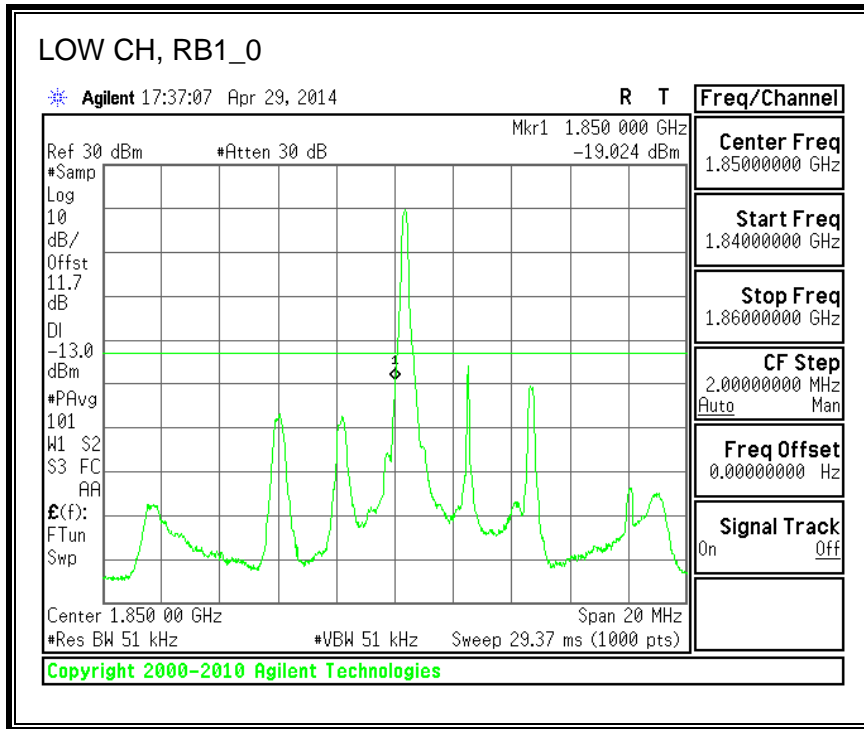


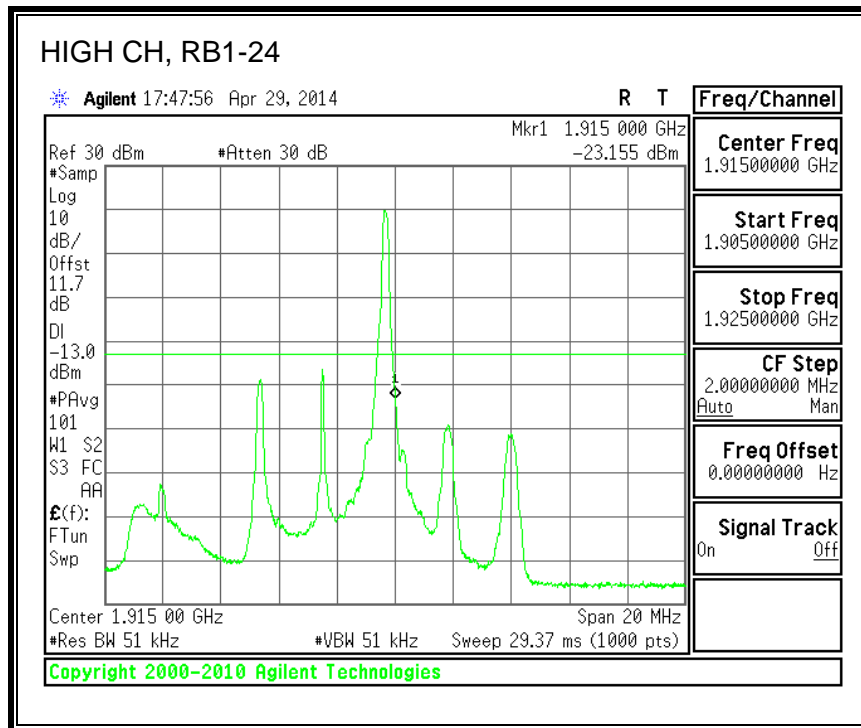
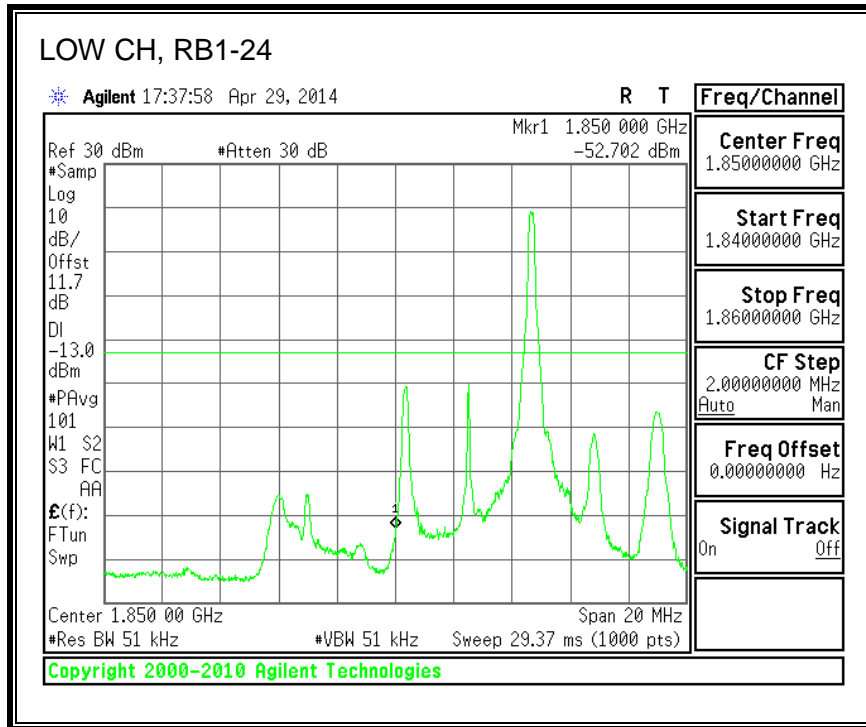


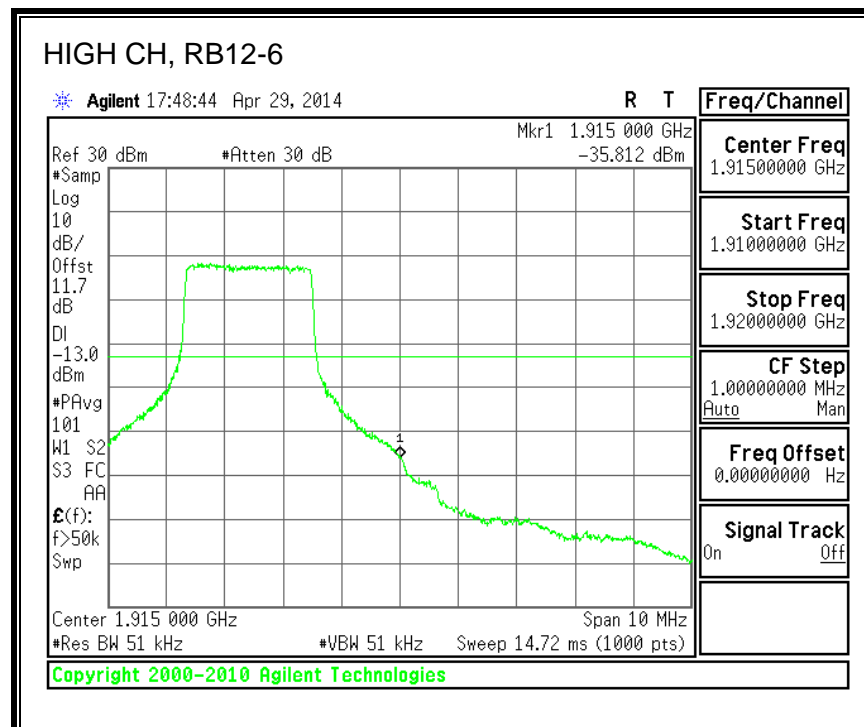
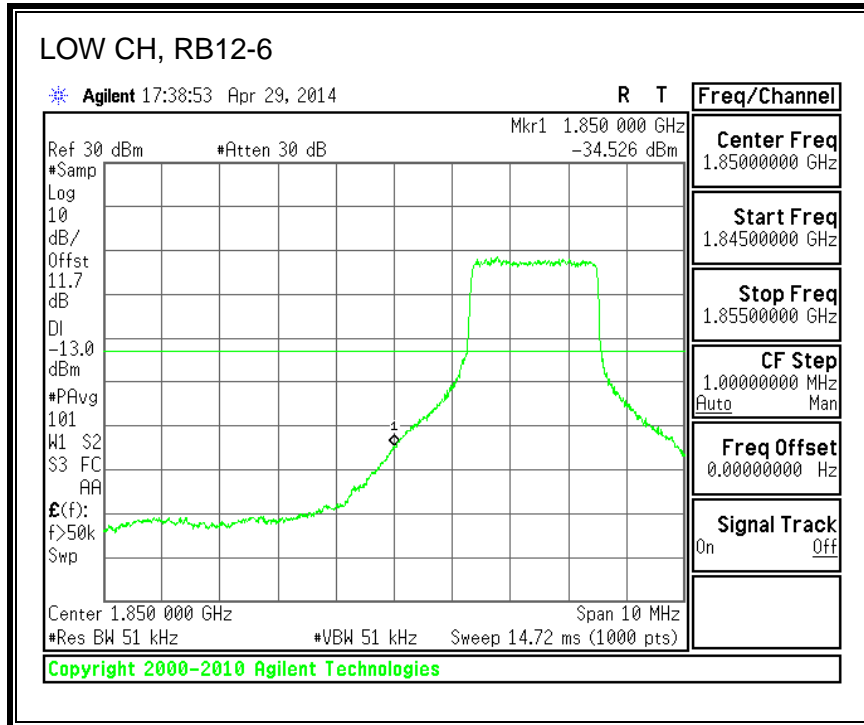


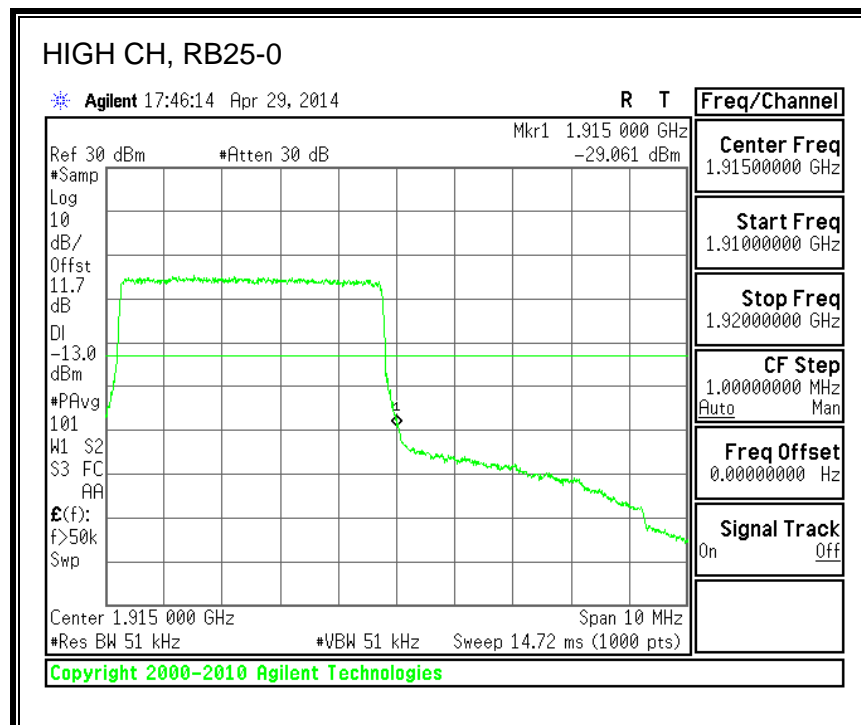
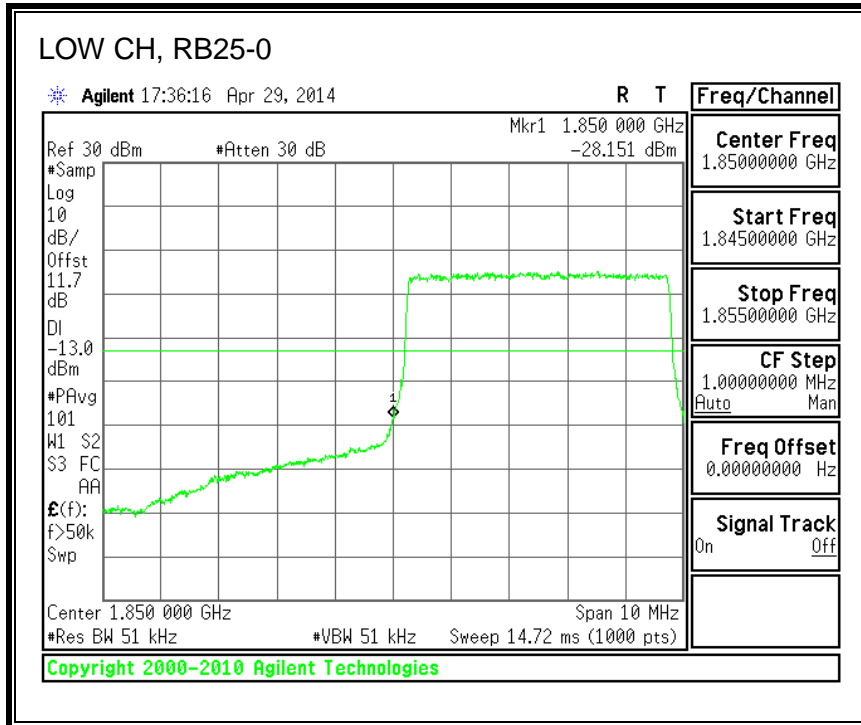


QPSK, (5.0 MHz BAND WIDTH)

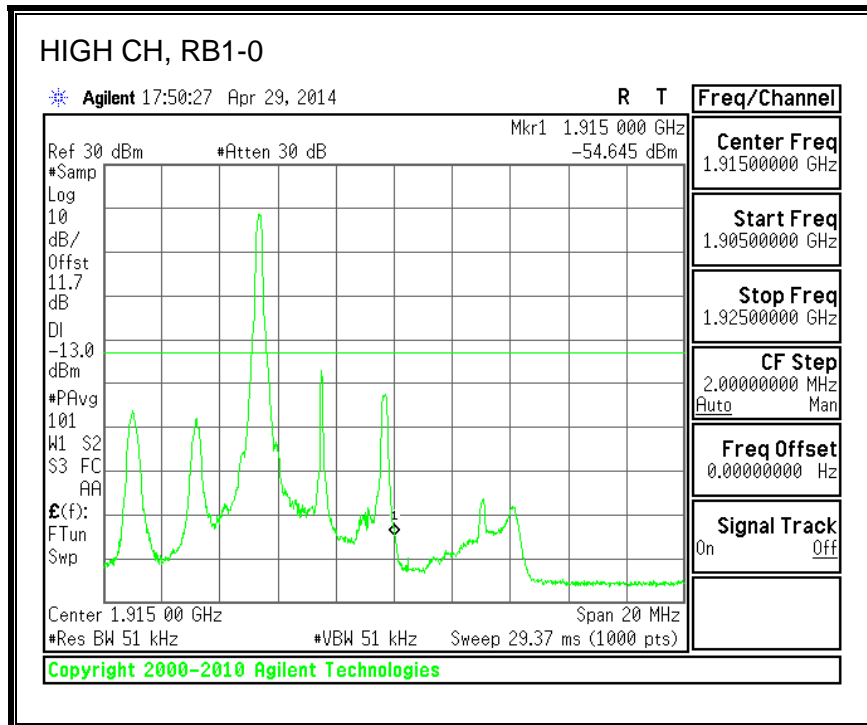
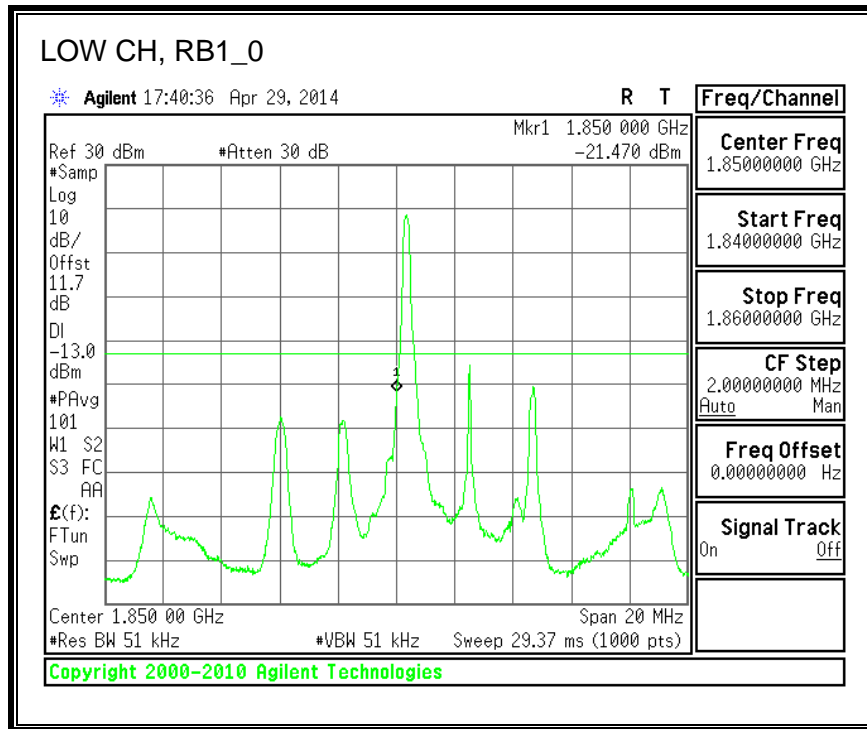


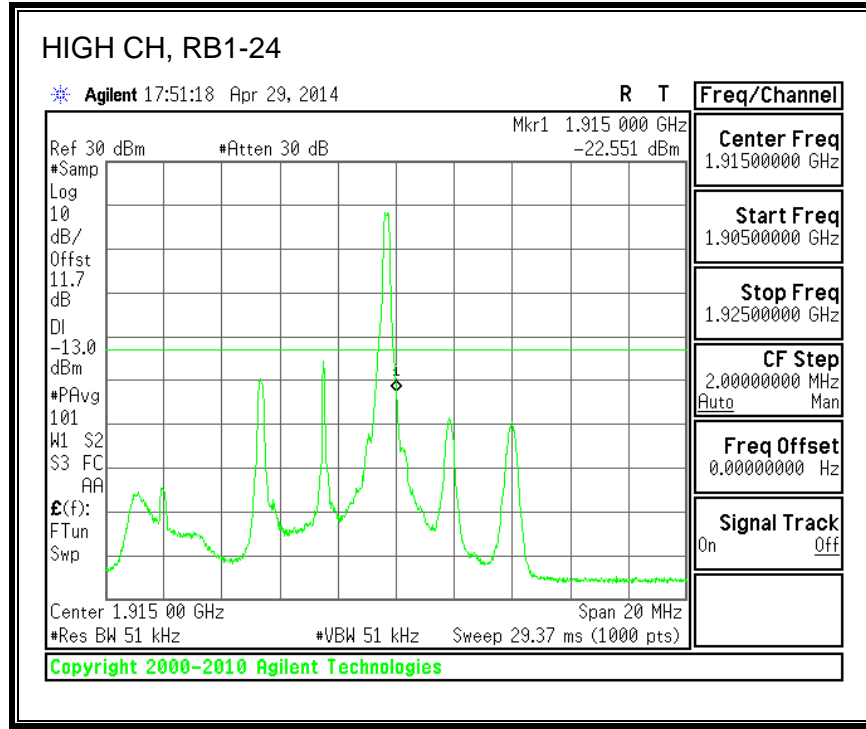
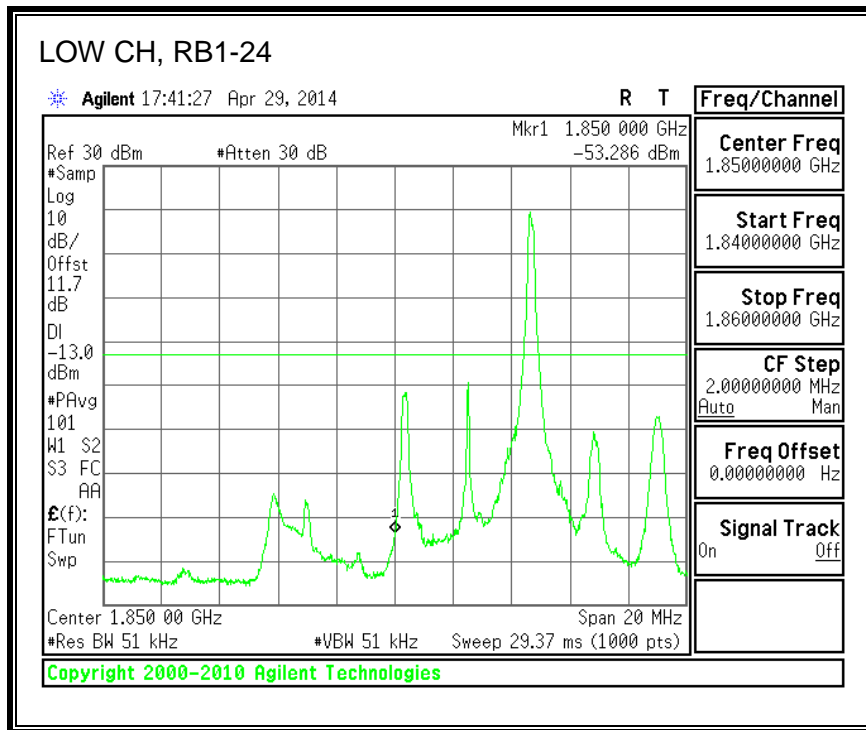


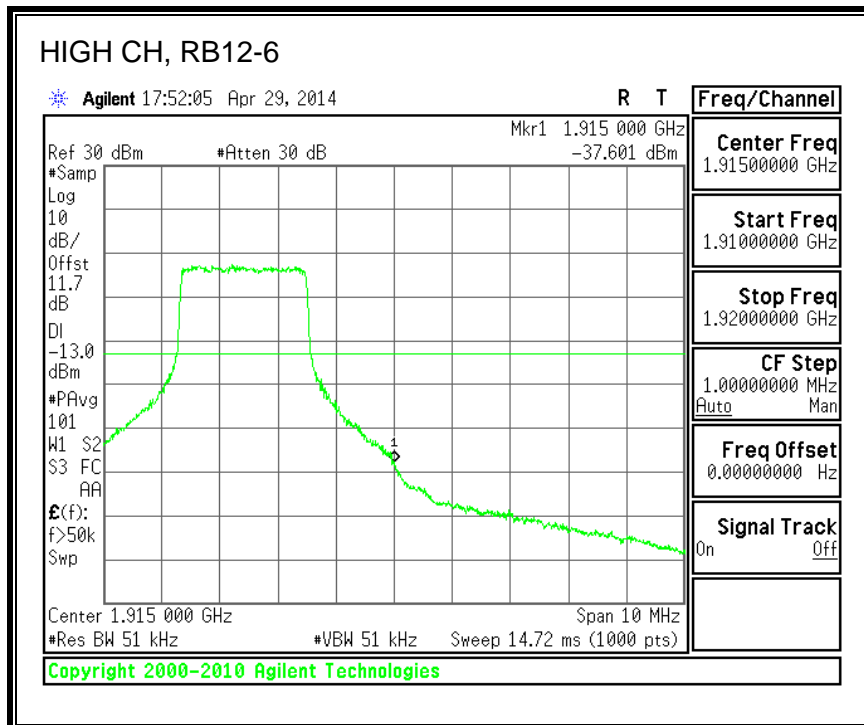
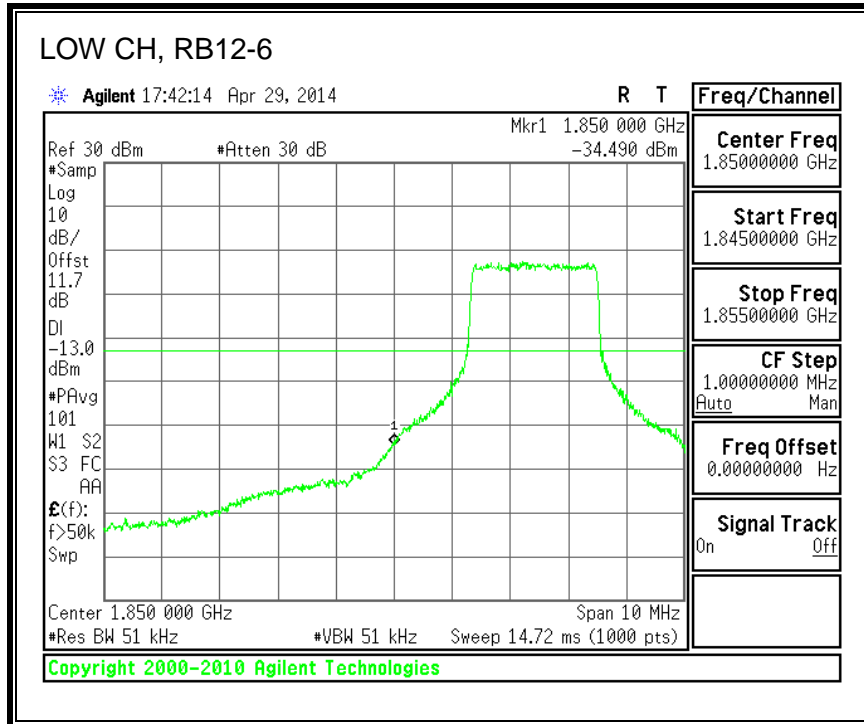


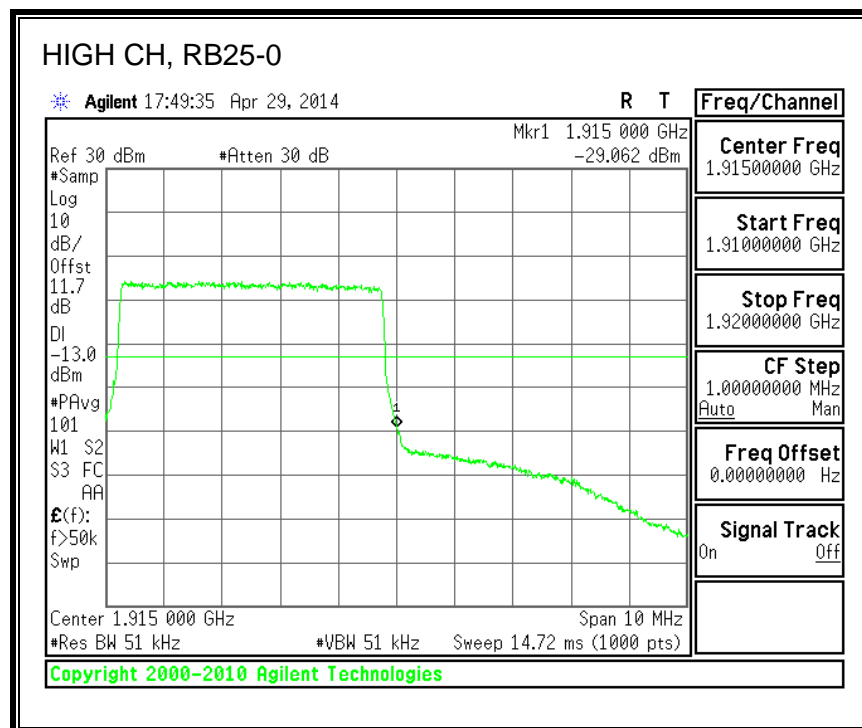
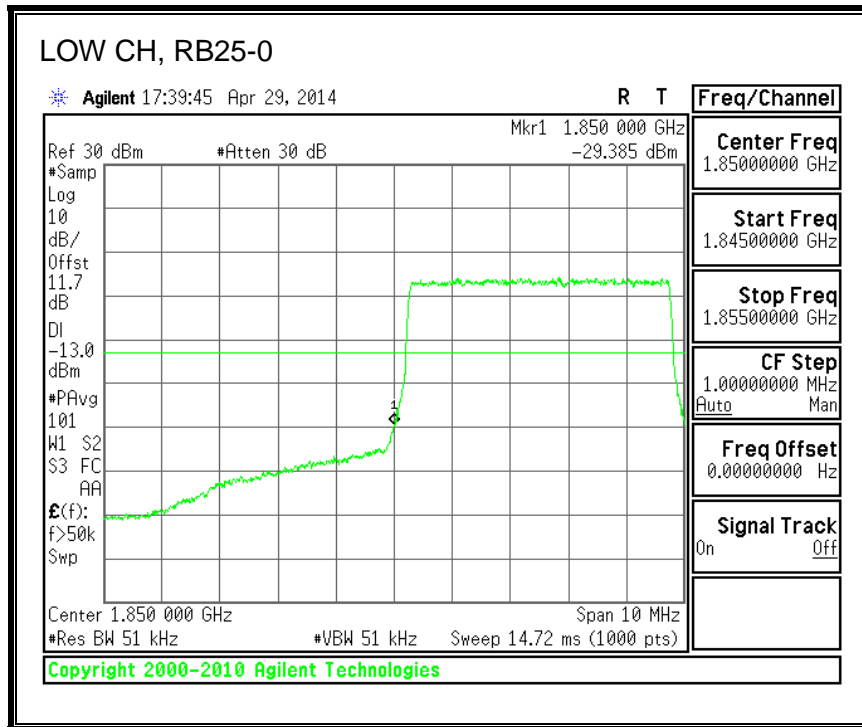


16QAM, (5.0 MHz BAND WIDTH)

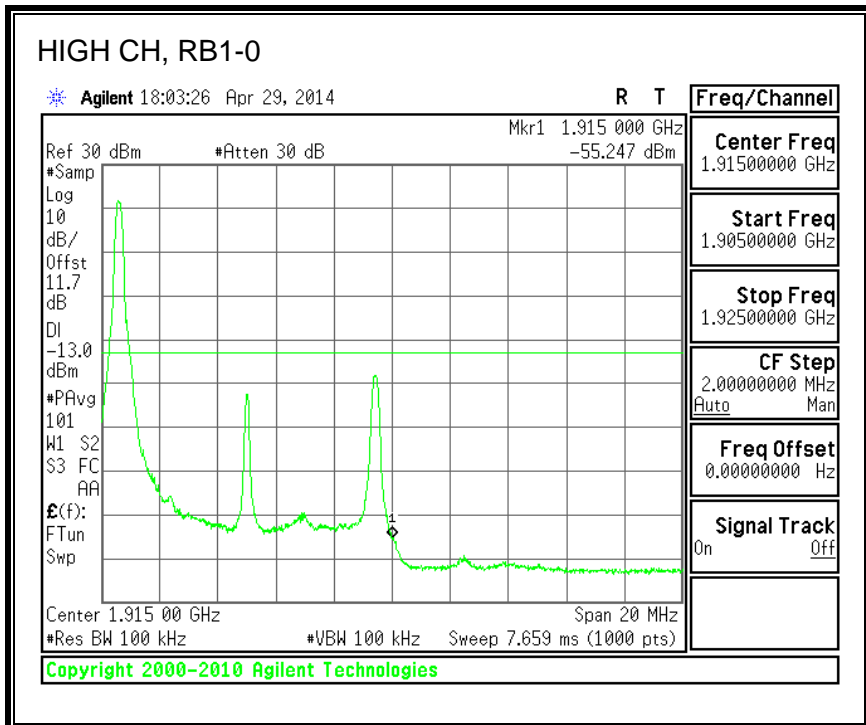
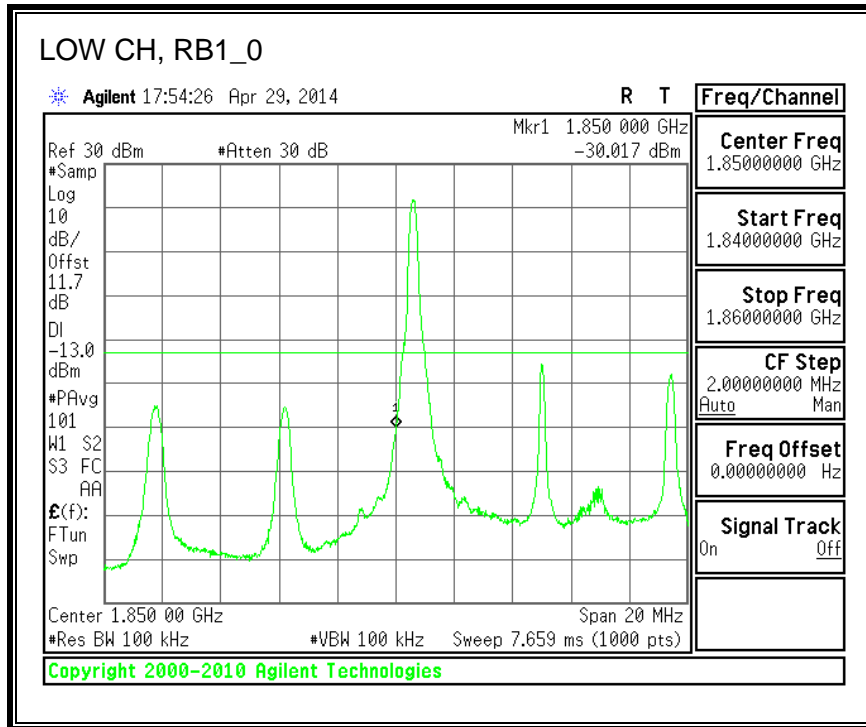


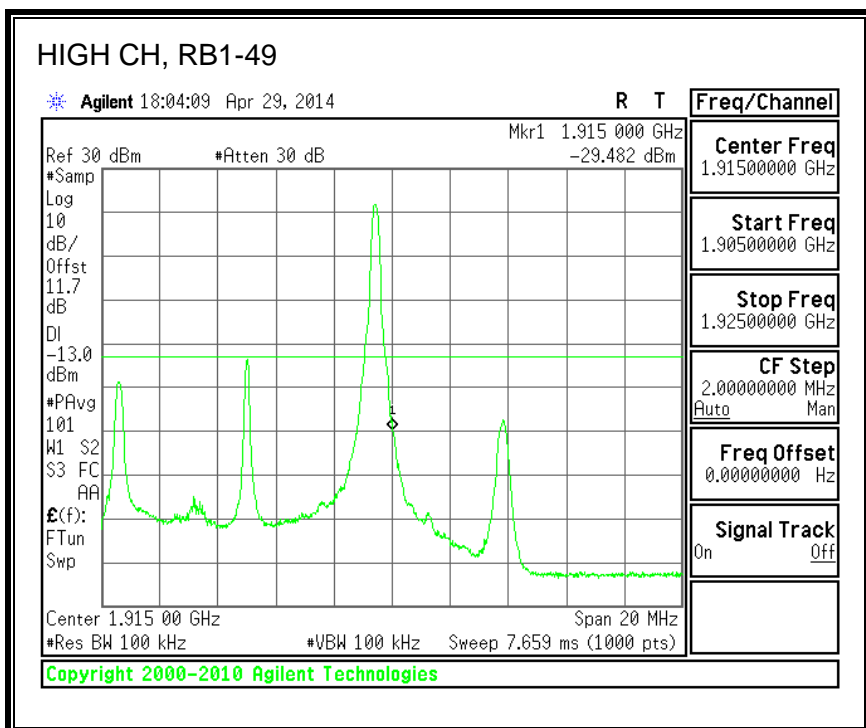
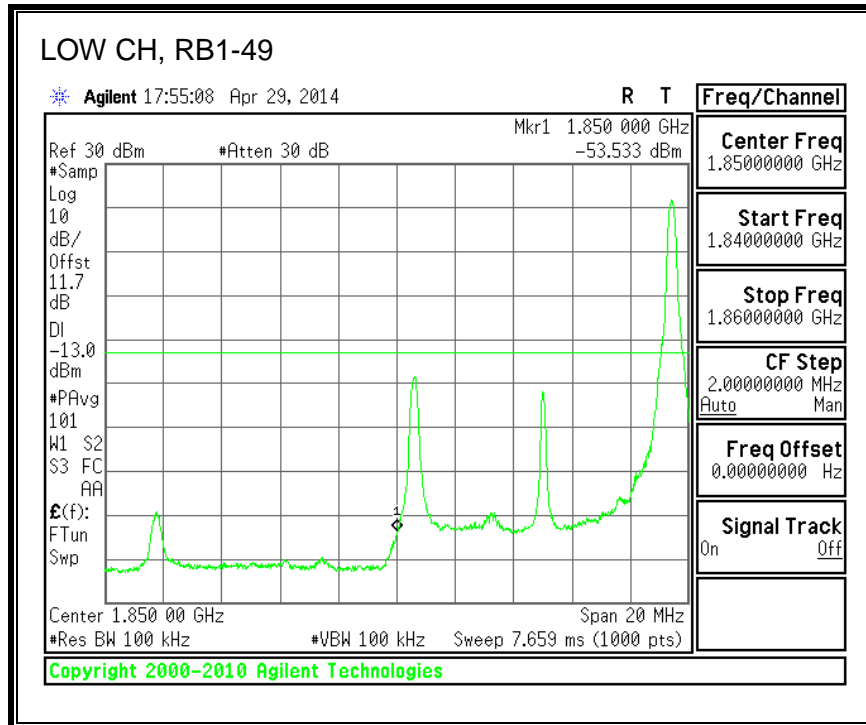


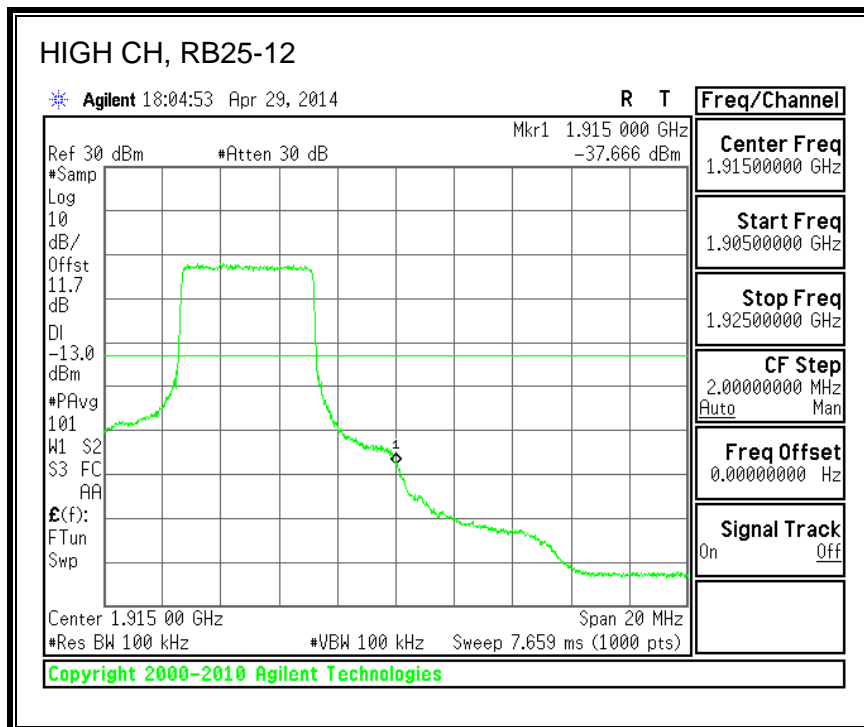
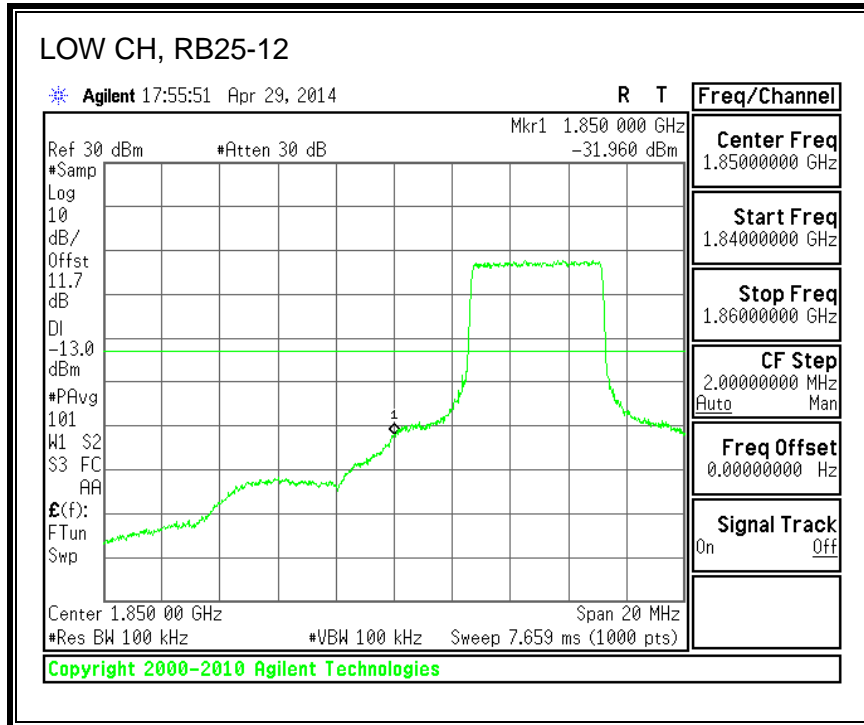


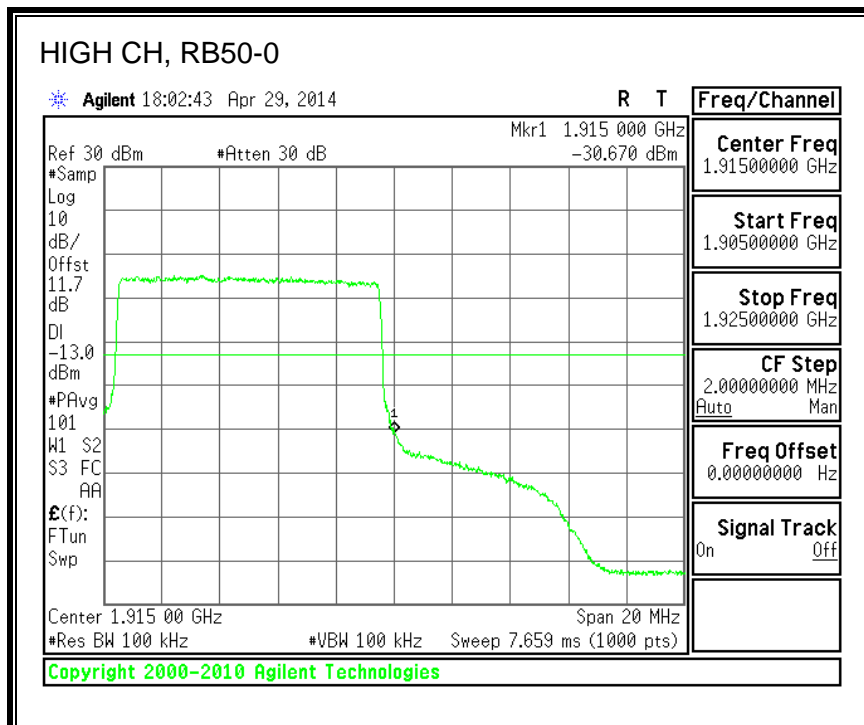
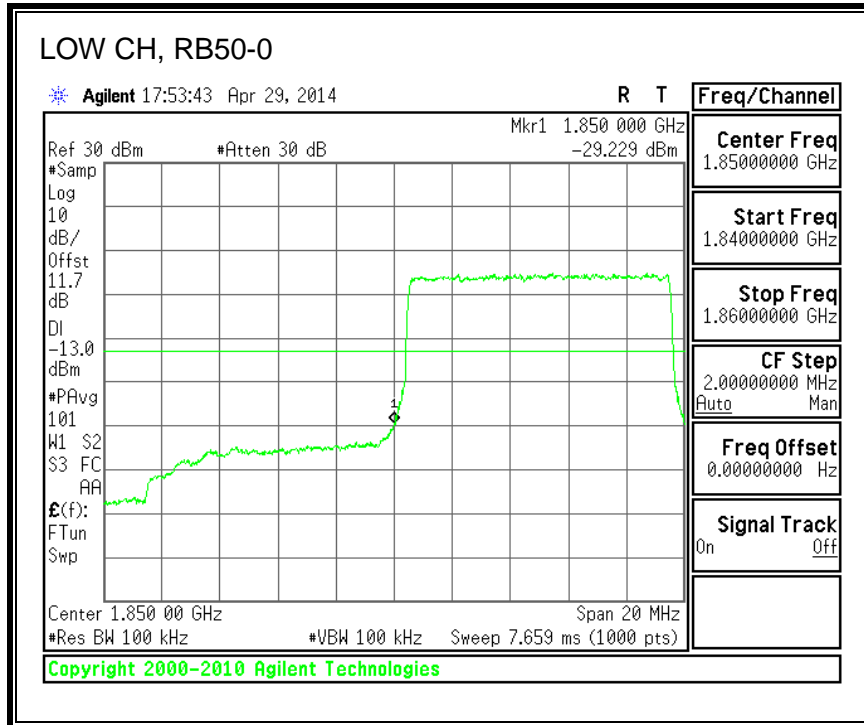


QPSK, (10.0 MHz BAND WIDTH)

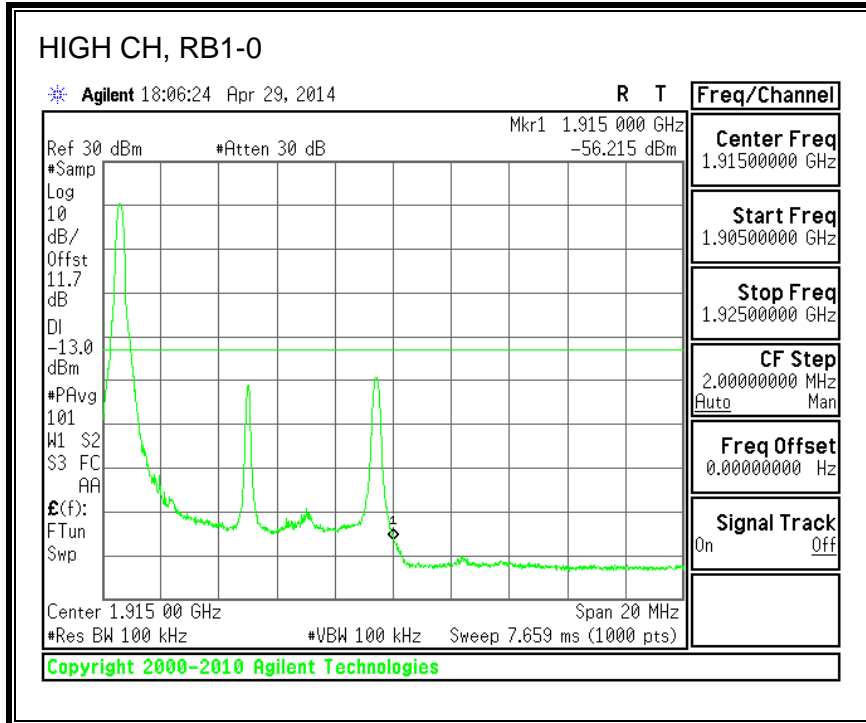
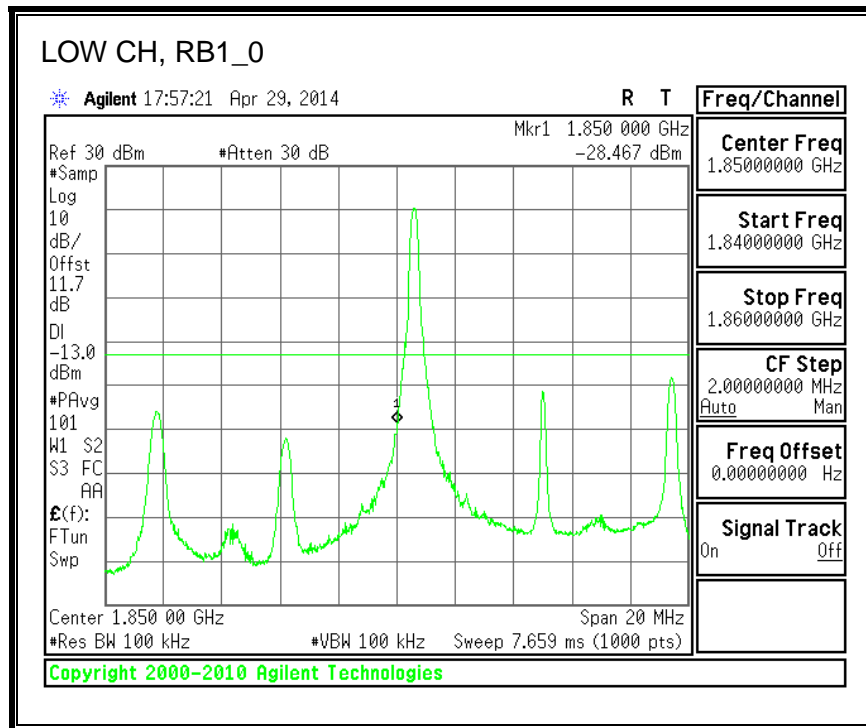


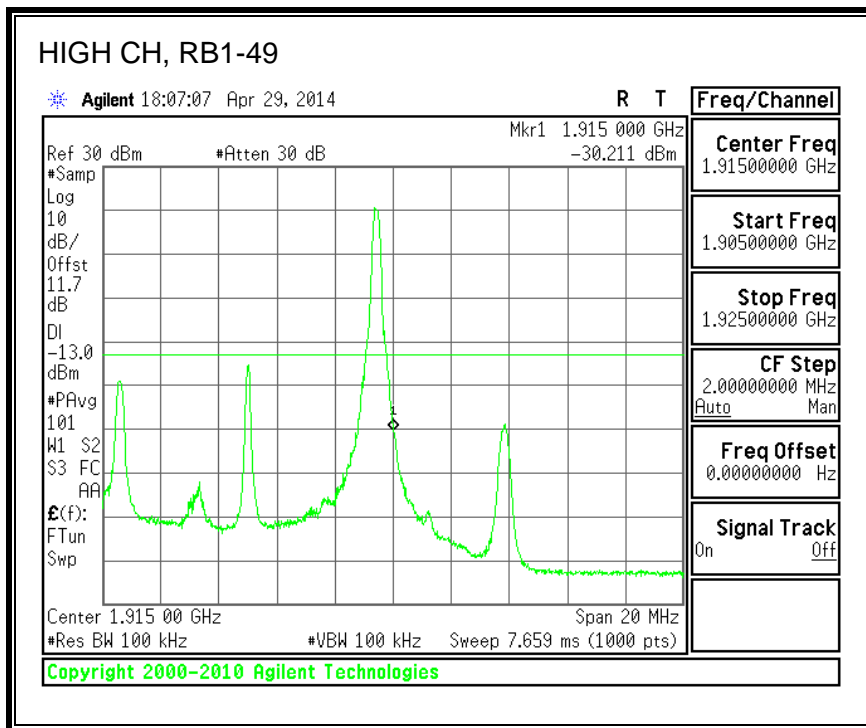
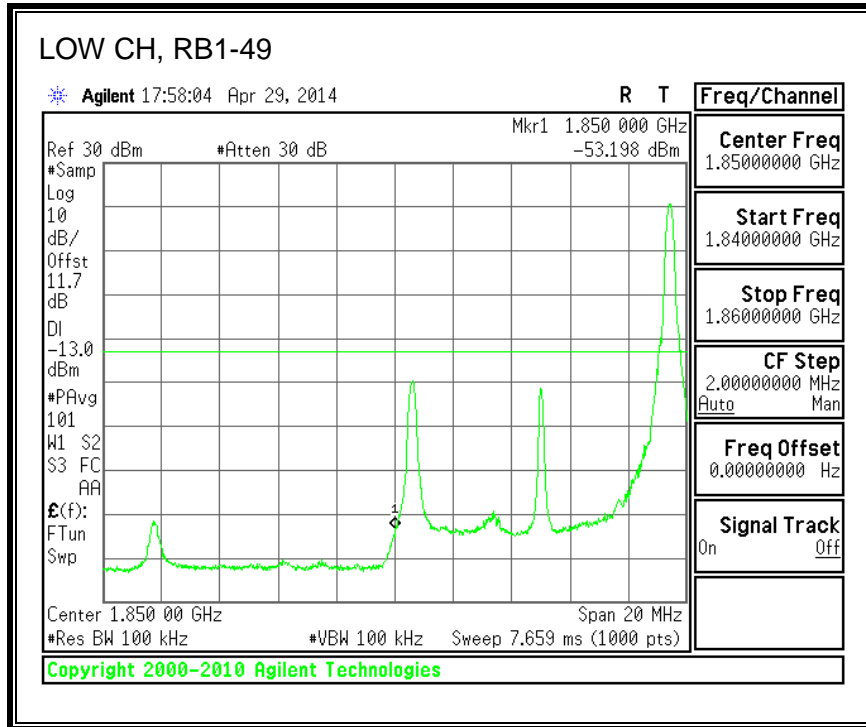


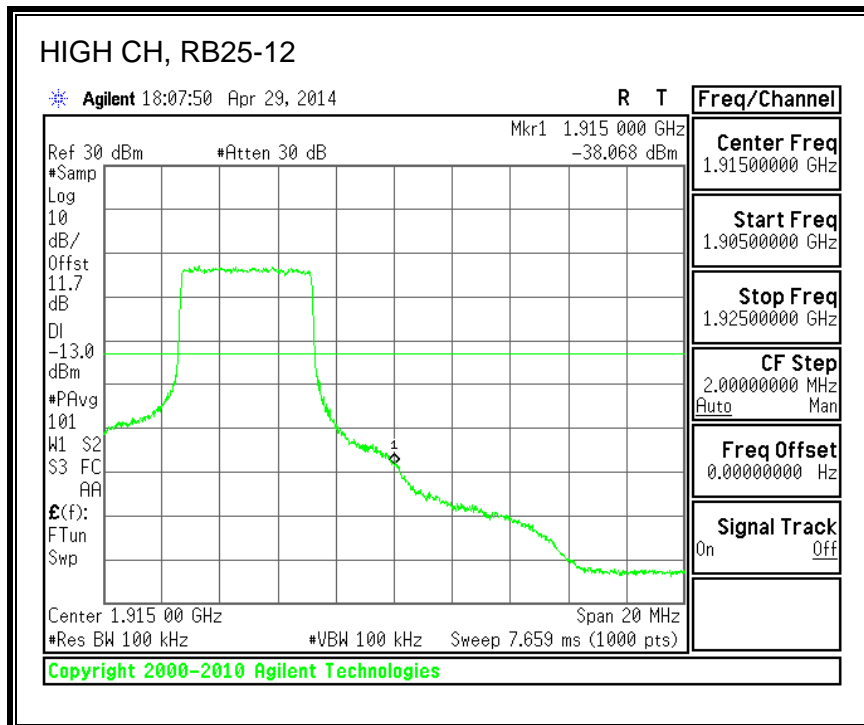
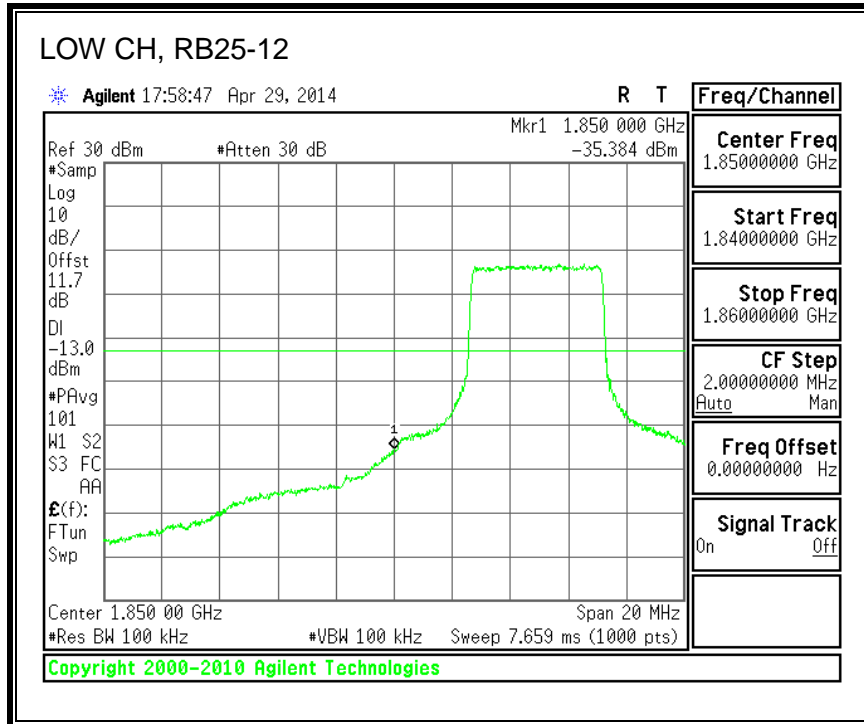


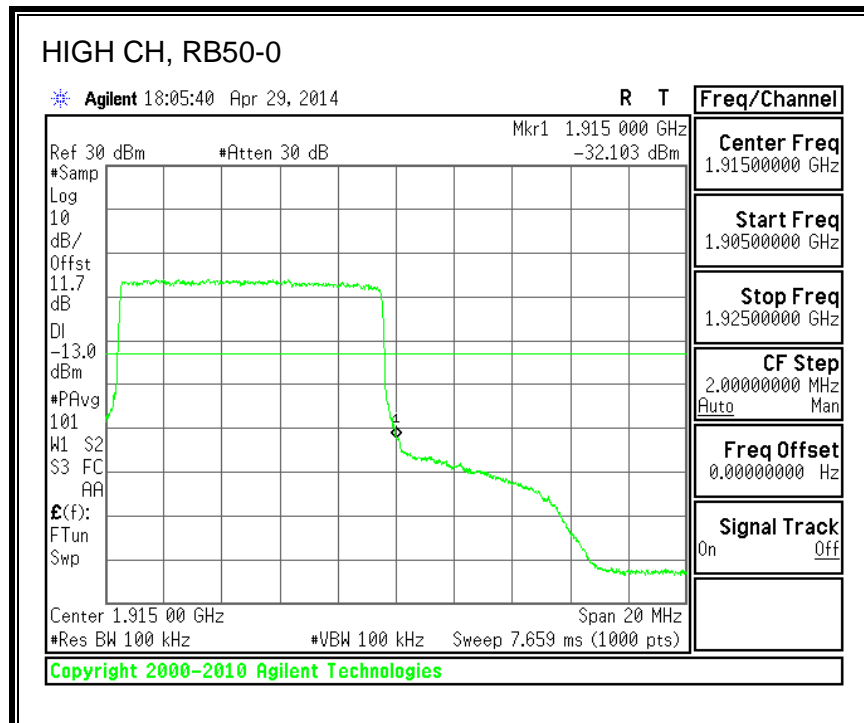
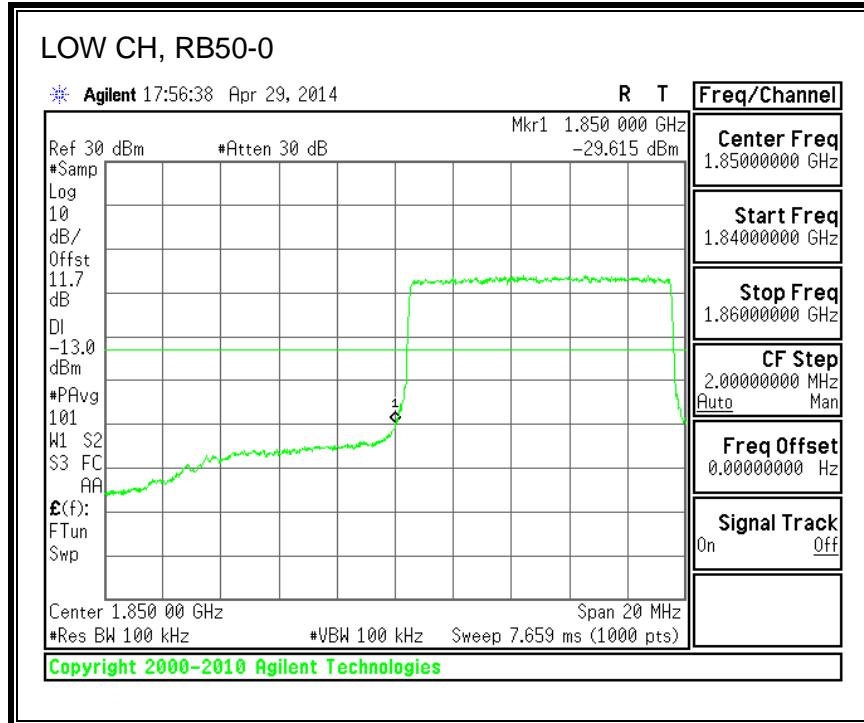


16QAM, (10.0 MHz BAND WIDTH)

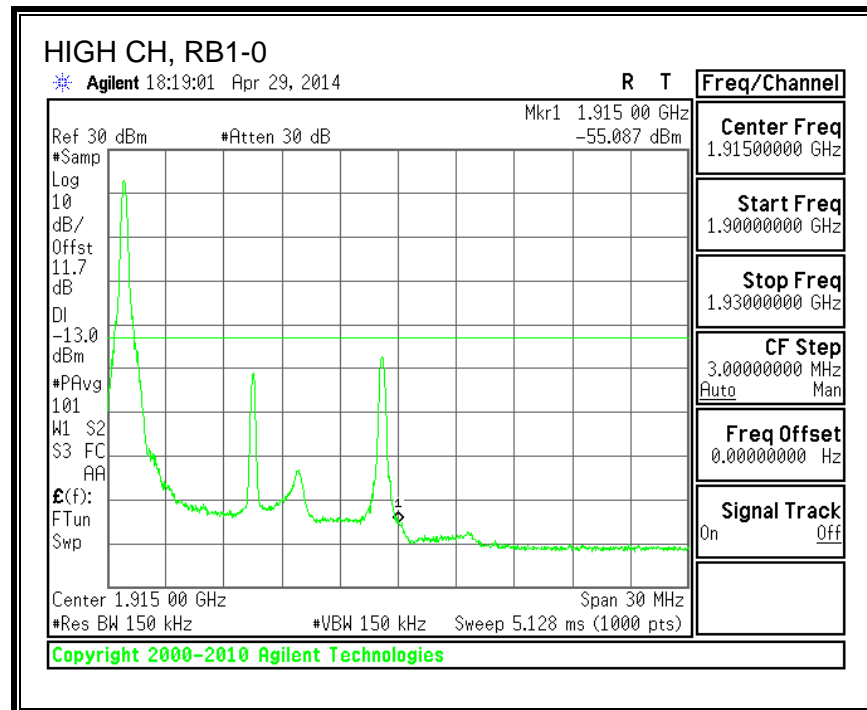
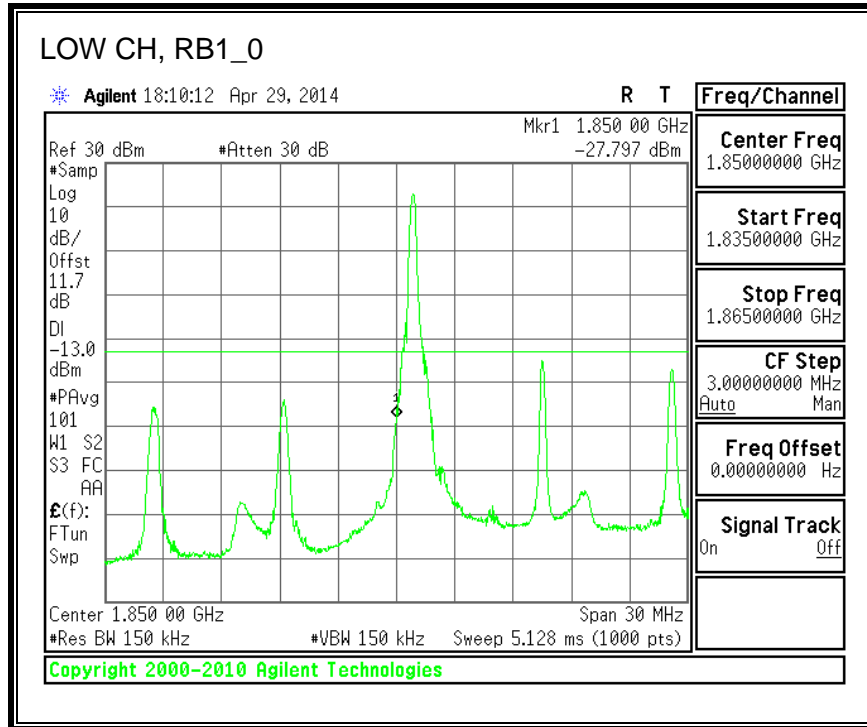


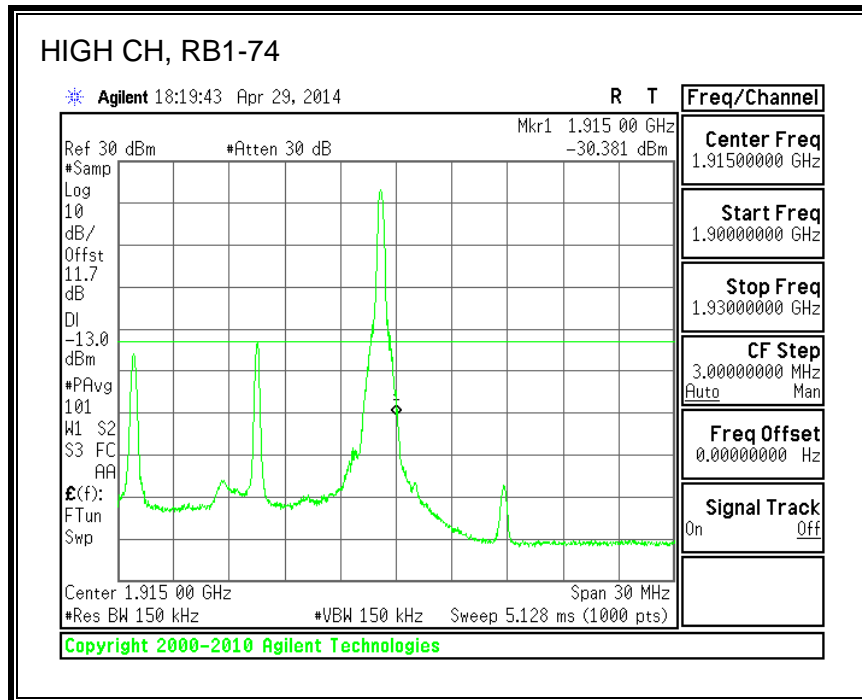
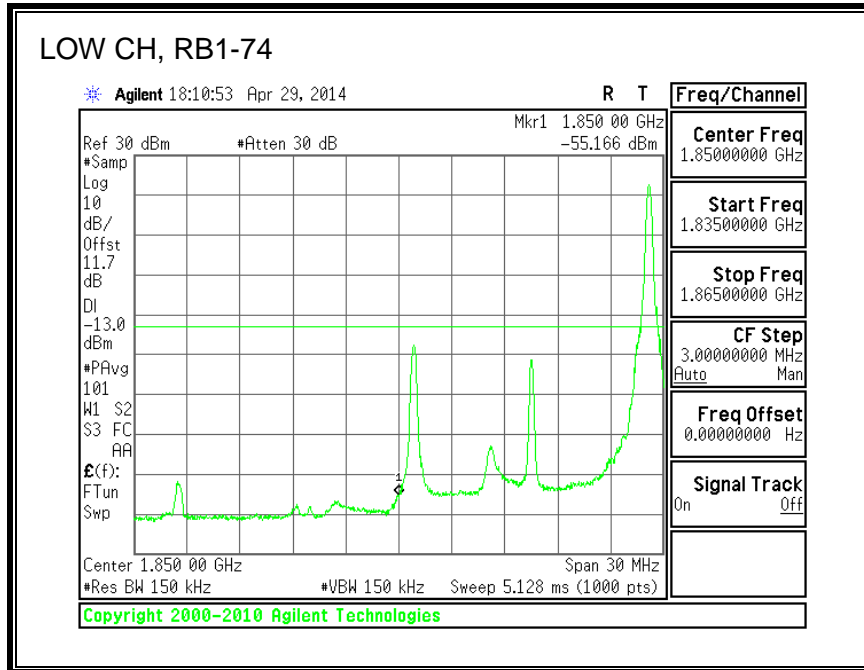


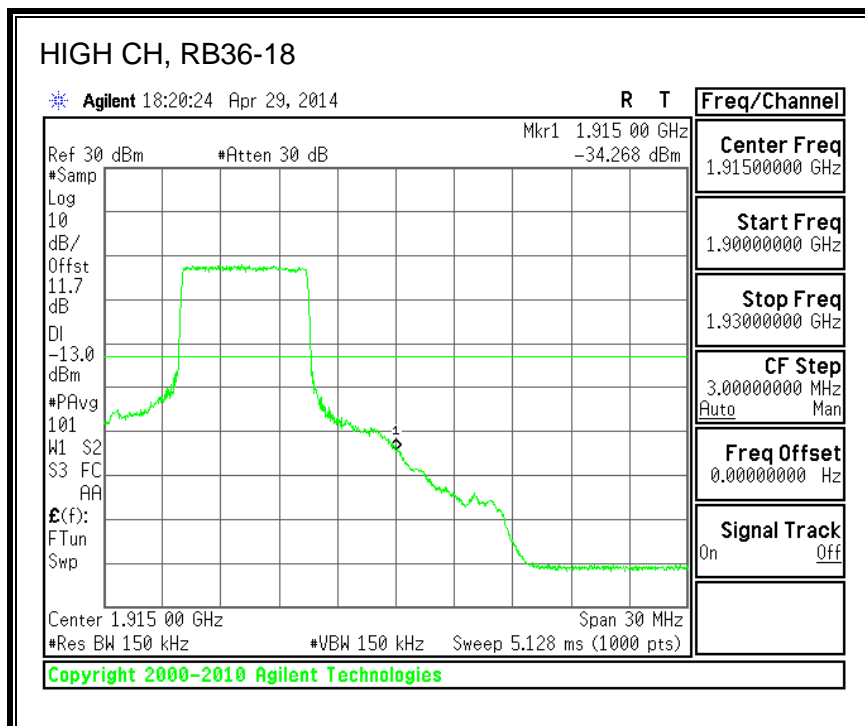
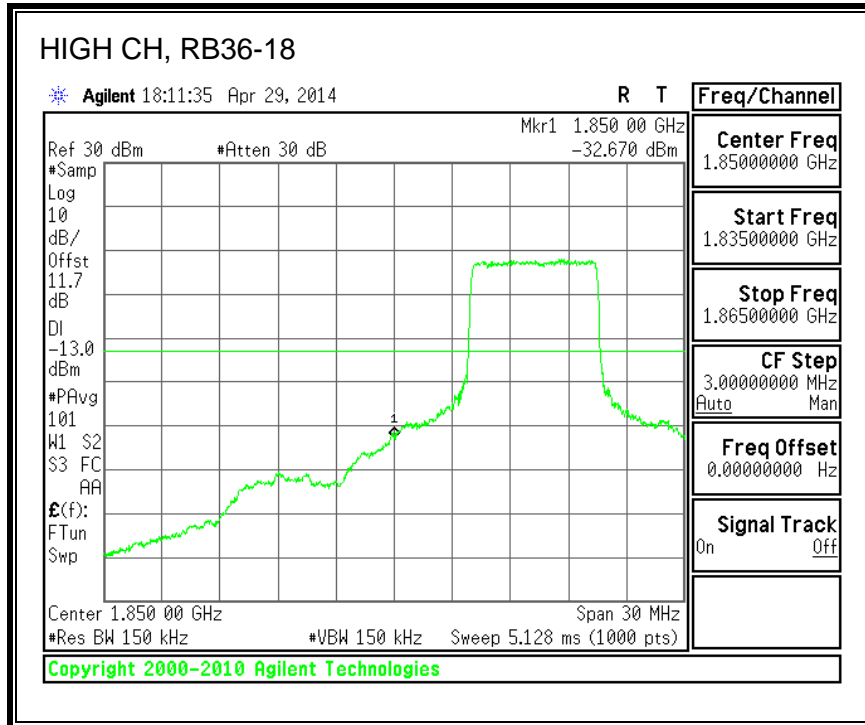


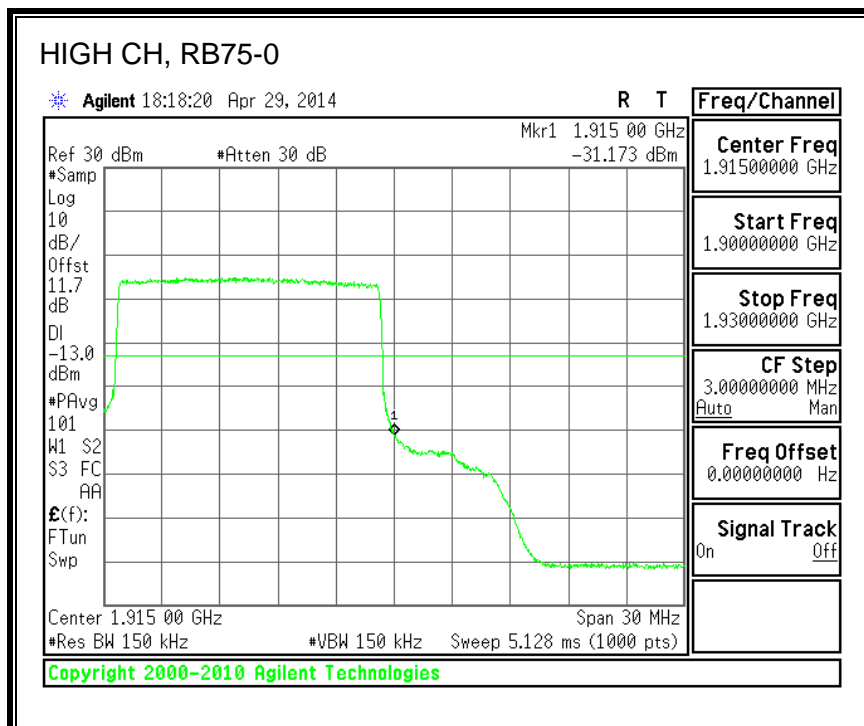
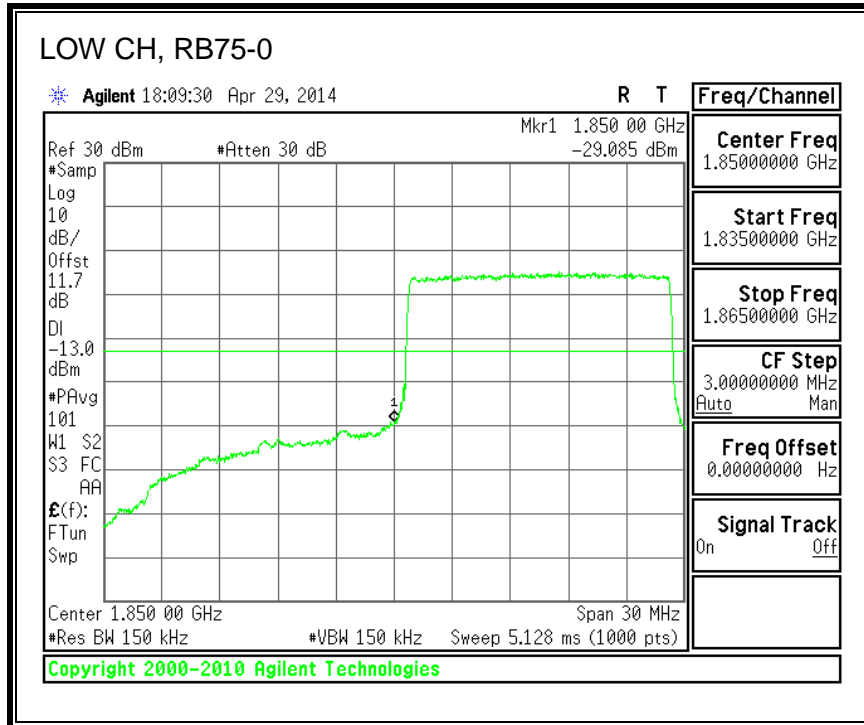


QPSK, (15.0 MHz BAND WIDTH)

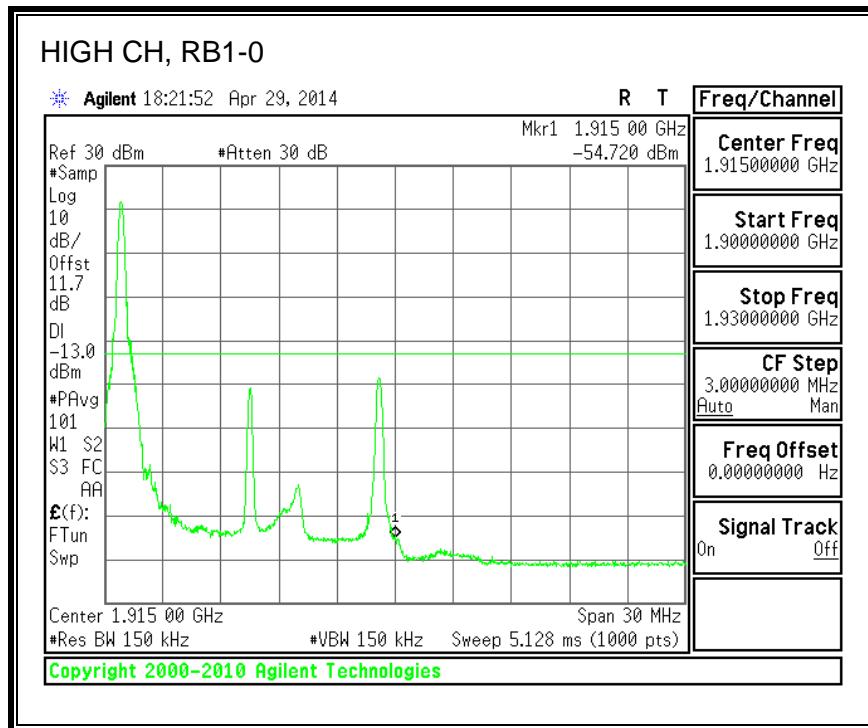
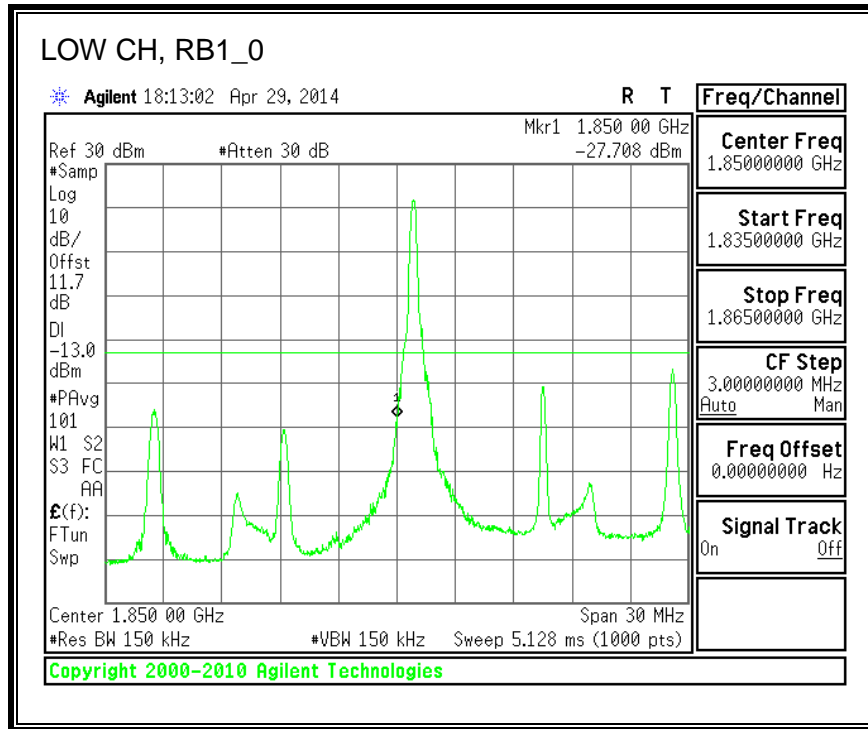


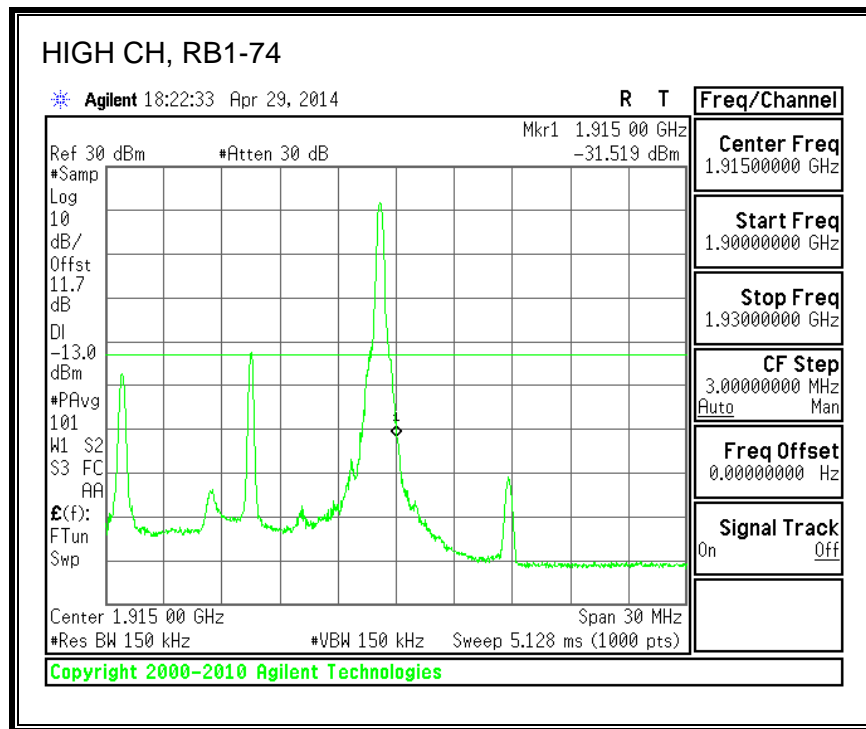
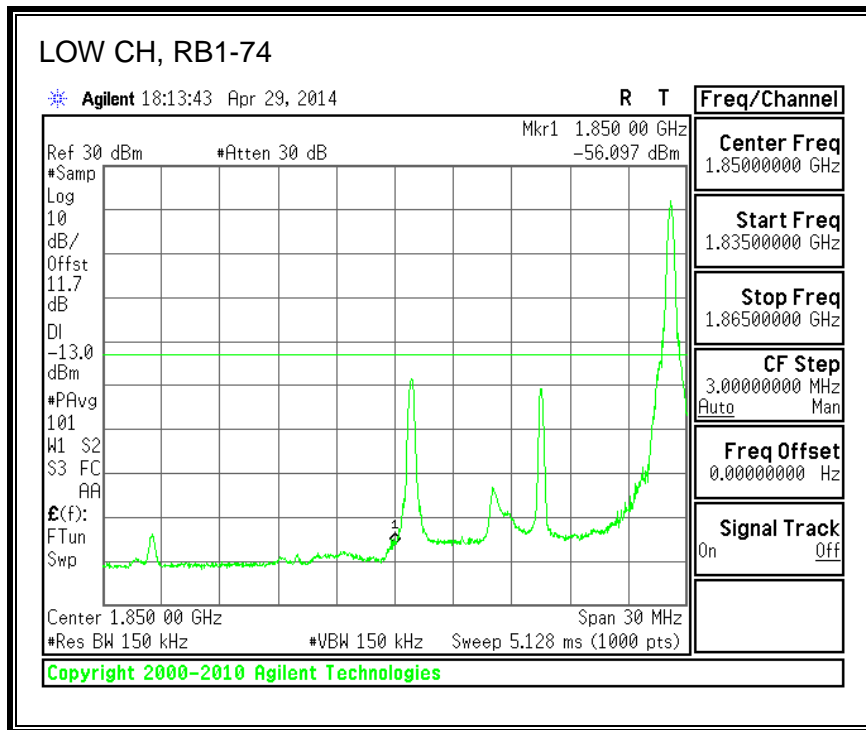


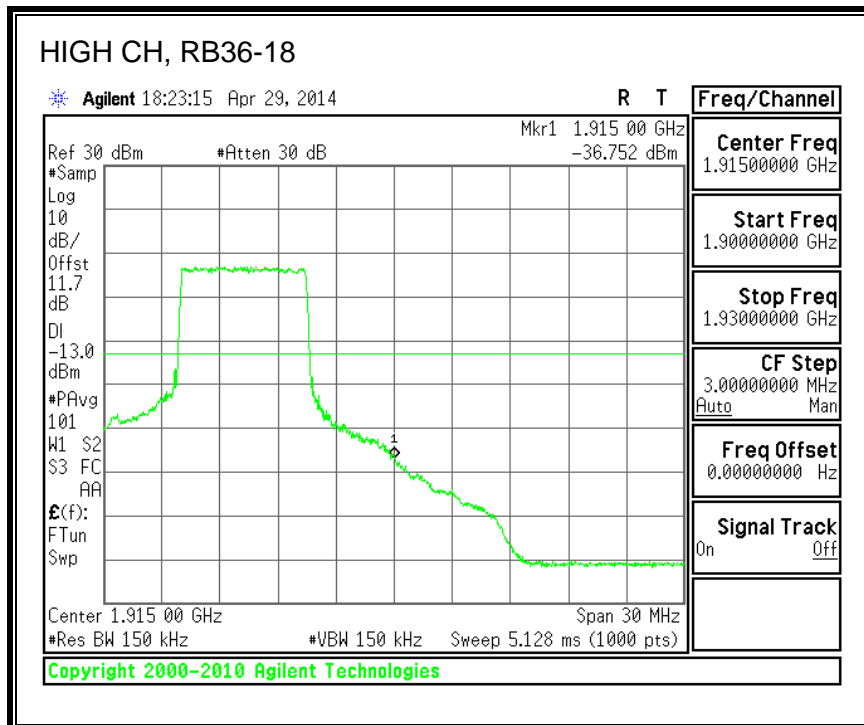
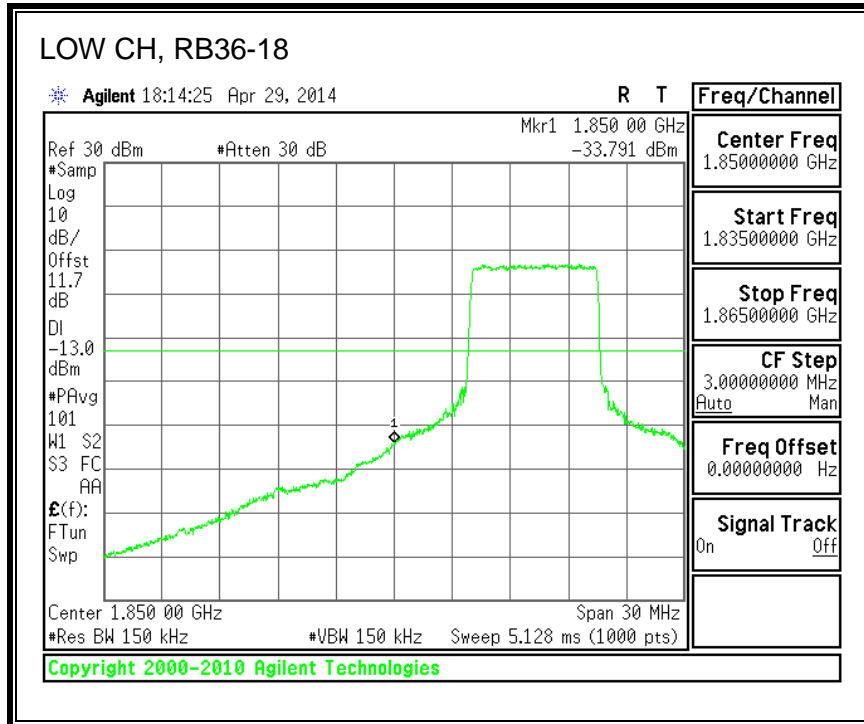


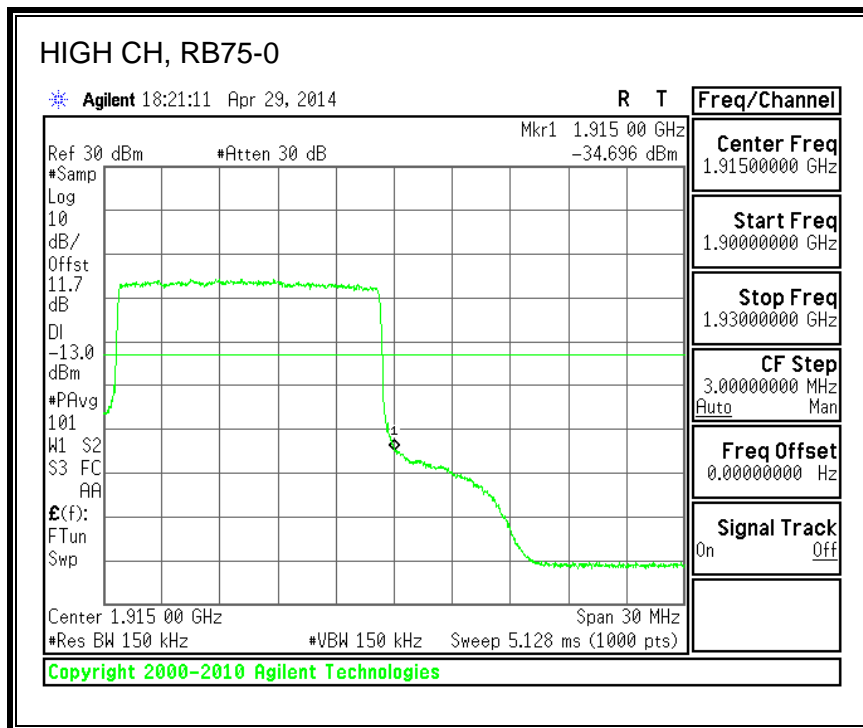
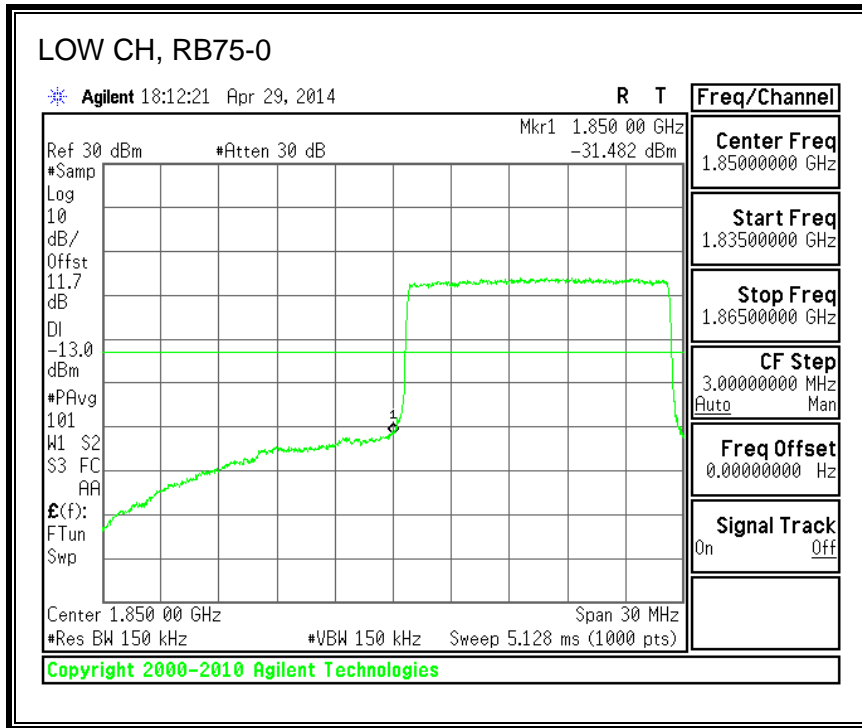


16QAM, (15.0 MHz BAND WIDTH)

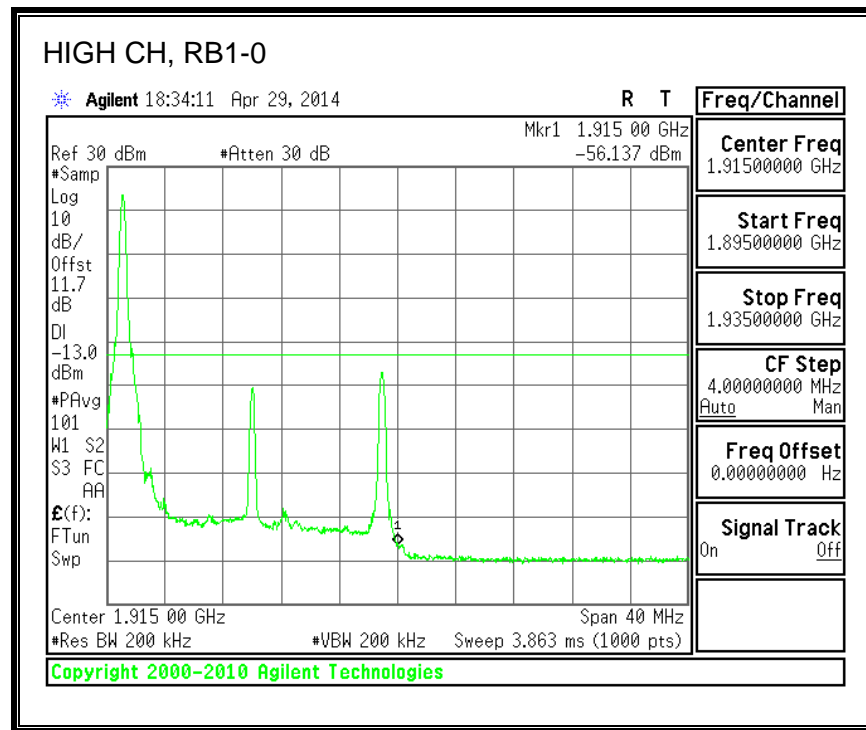
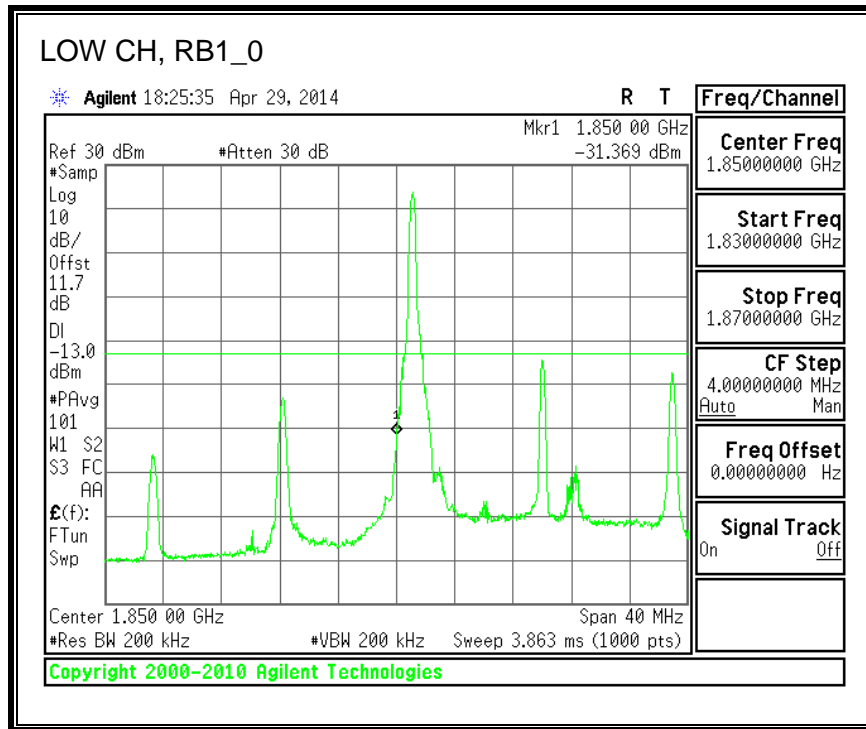


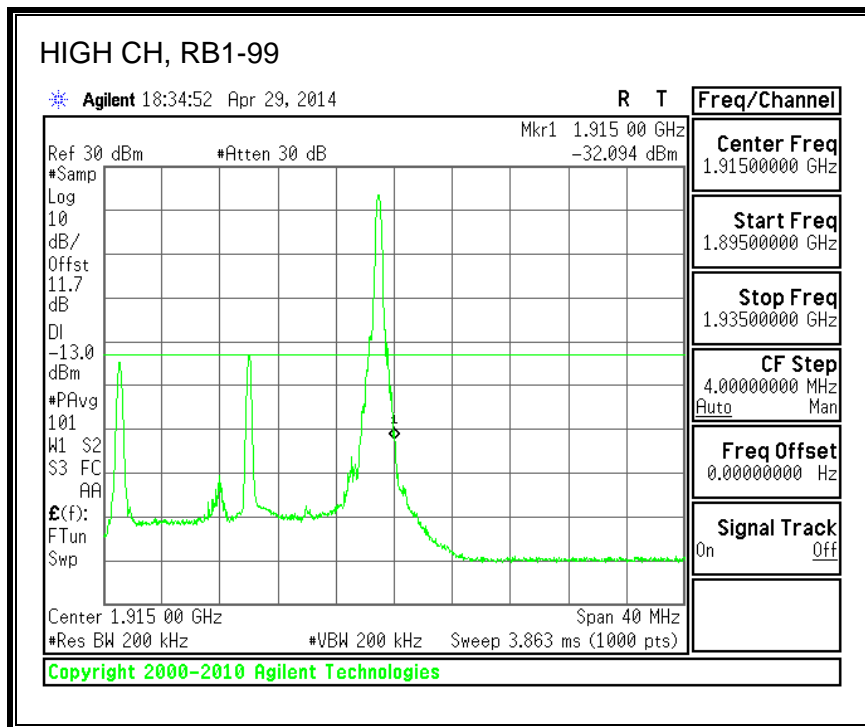
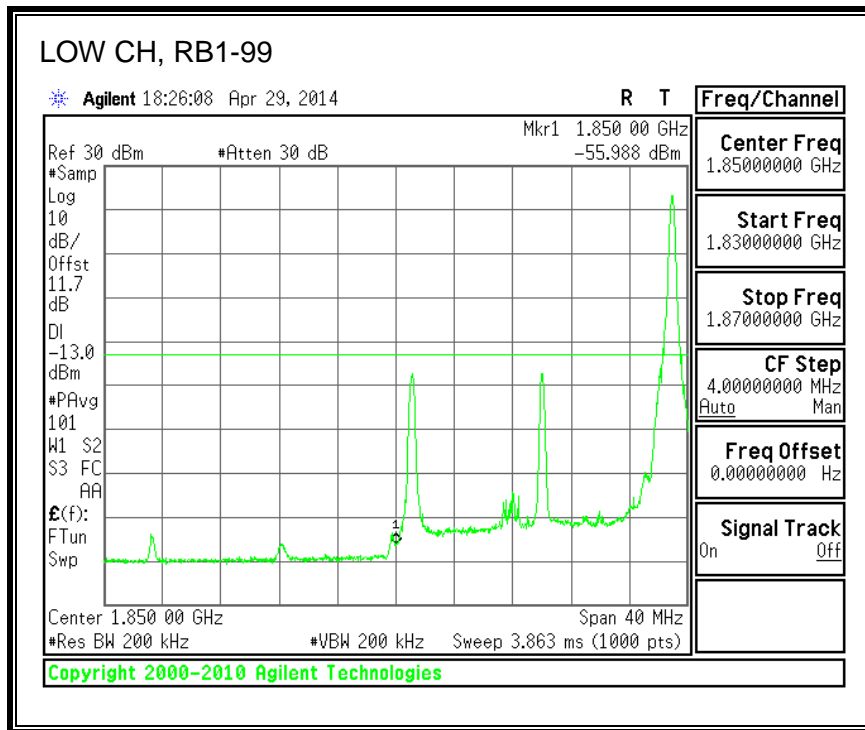


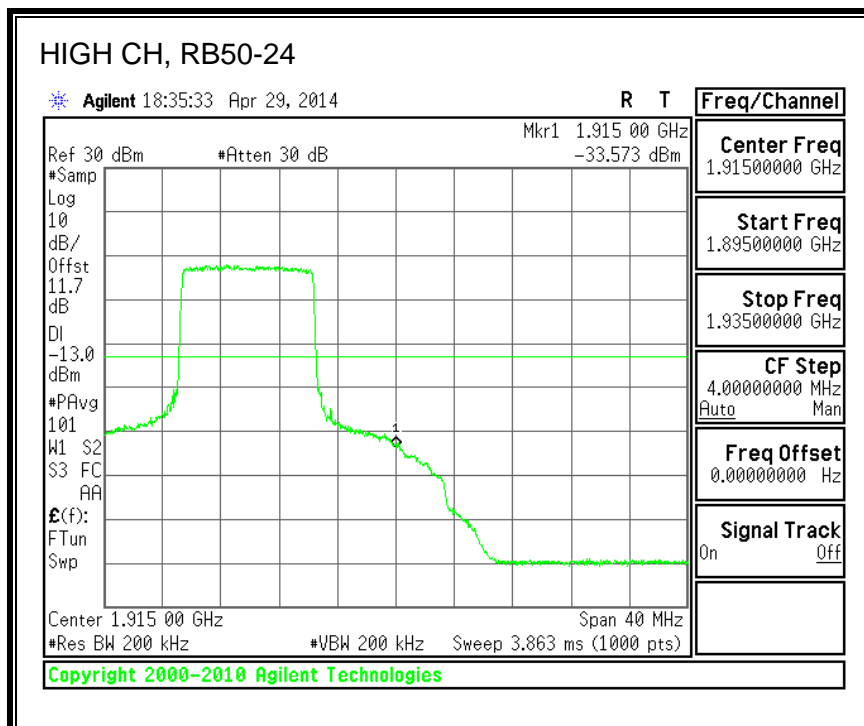
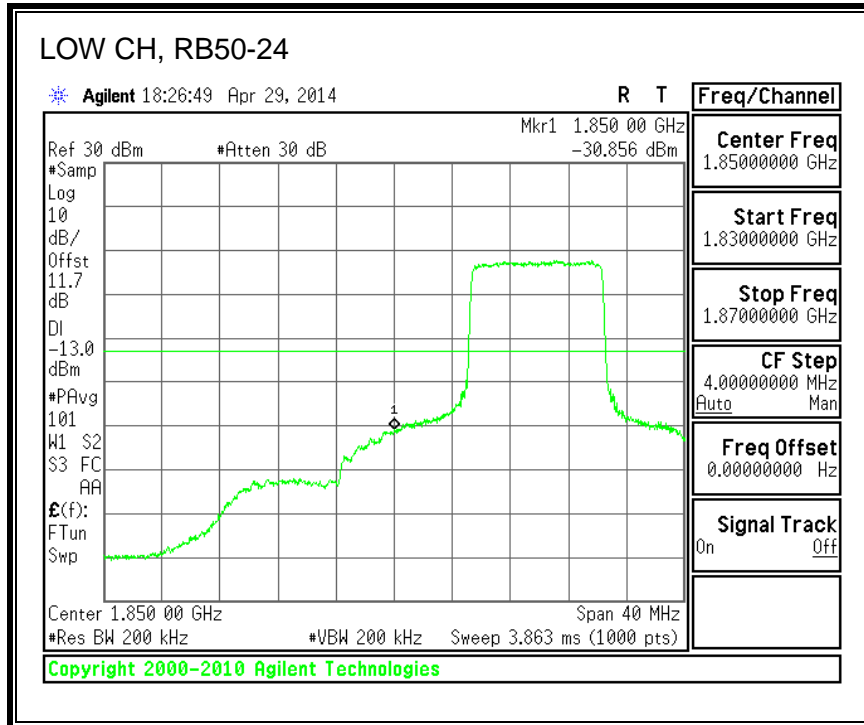


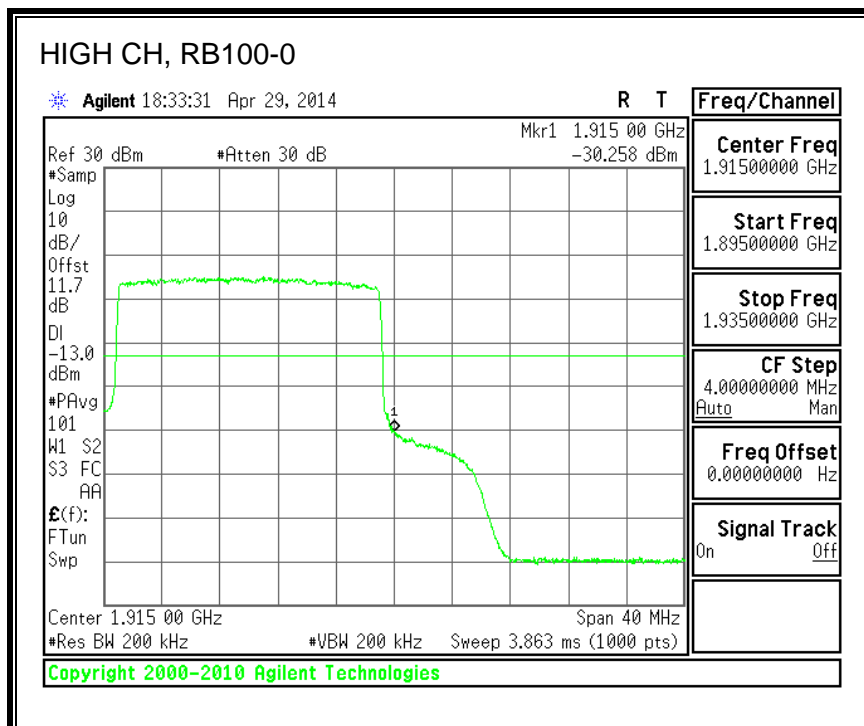
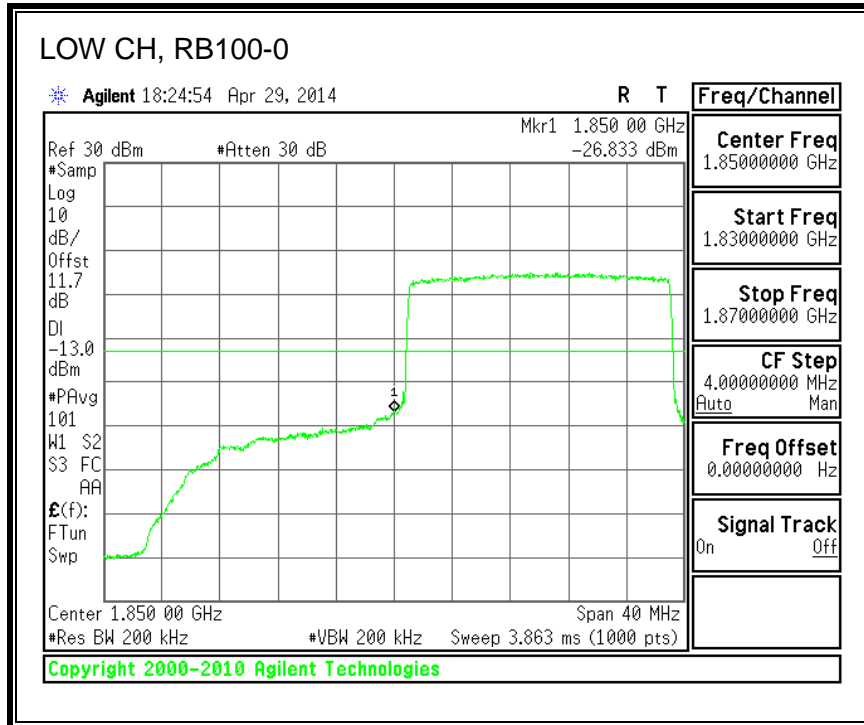


QPSK, (20.0 MHz BAND WIDTH)

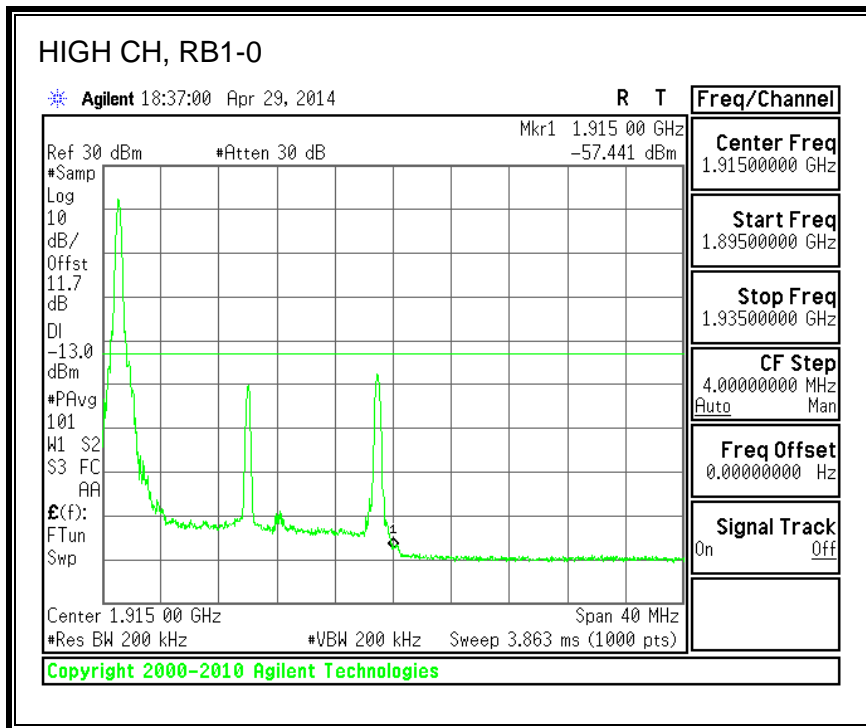
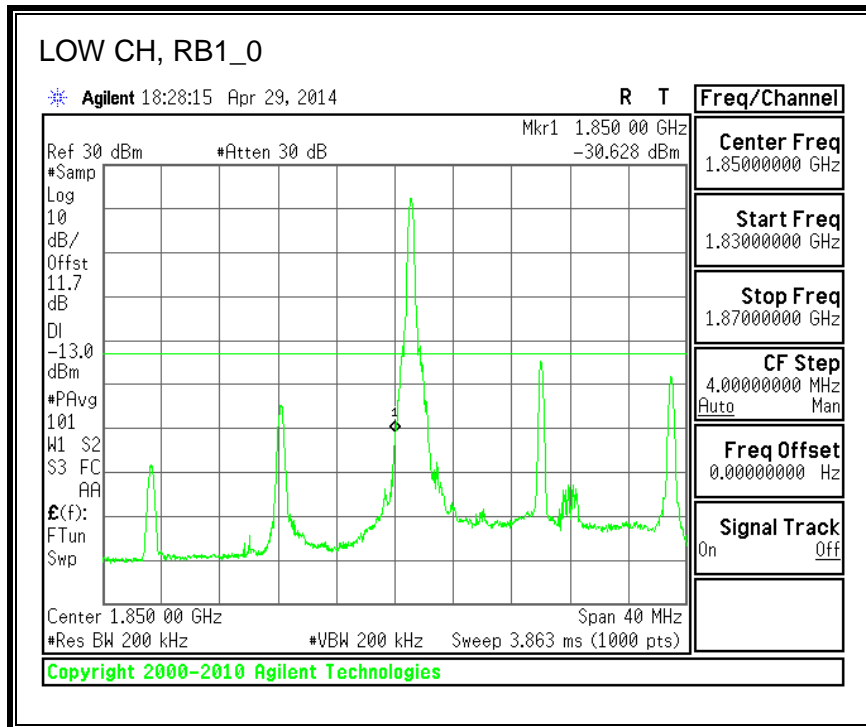


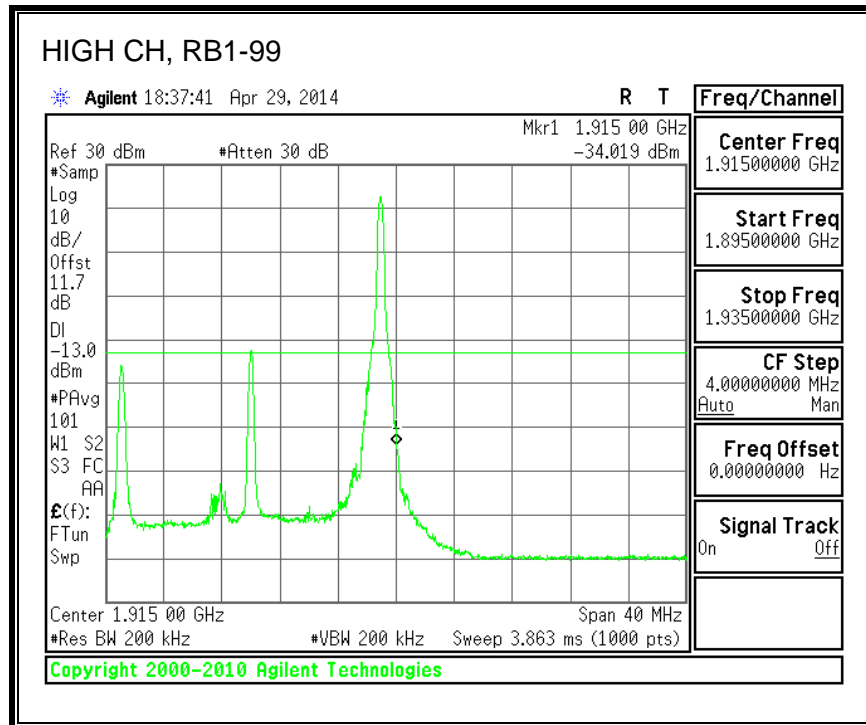
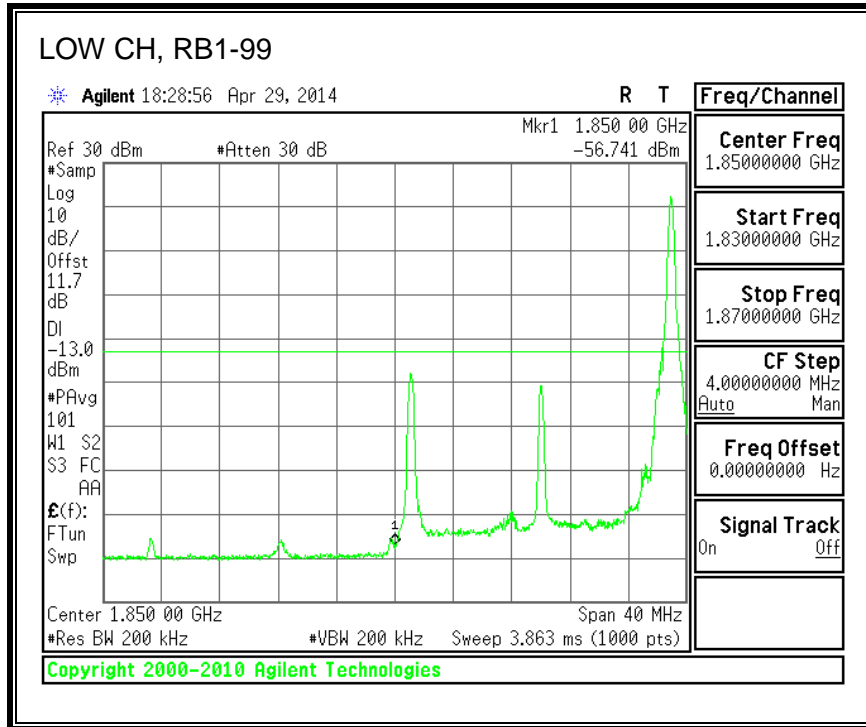


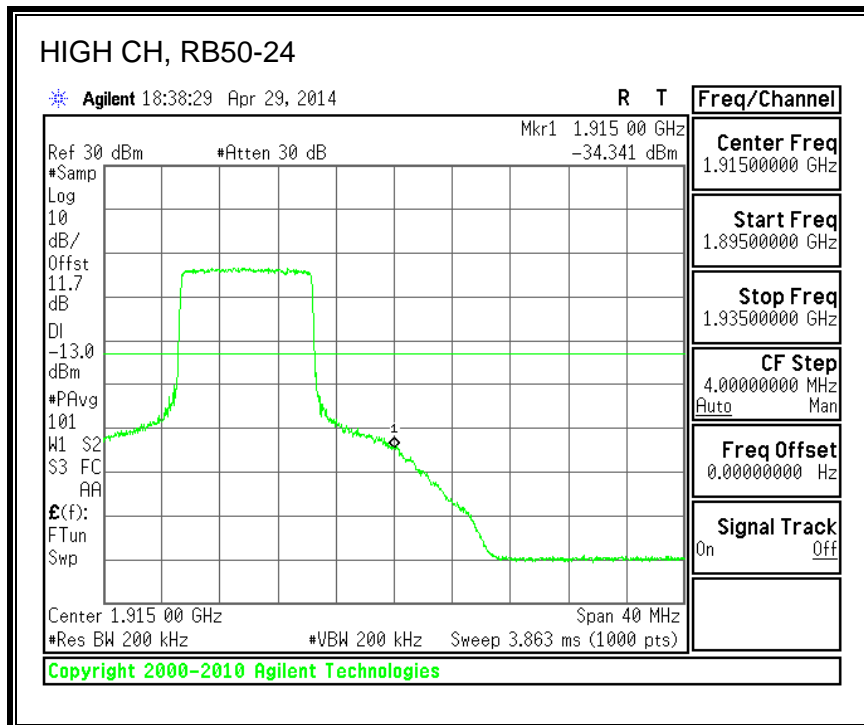
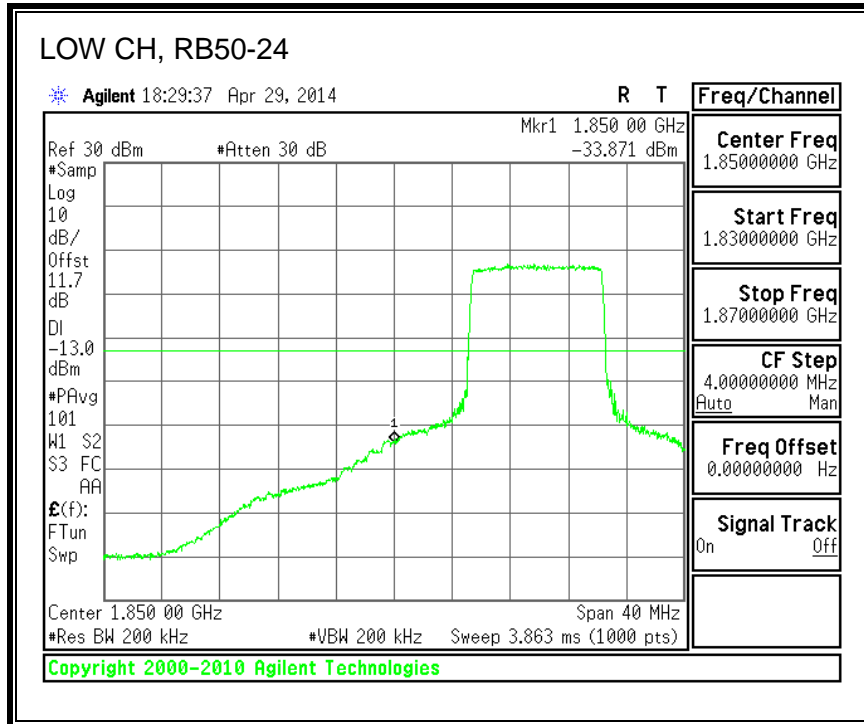


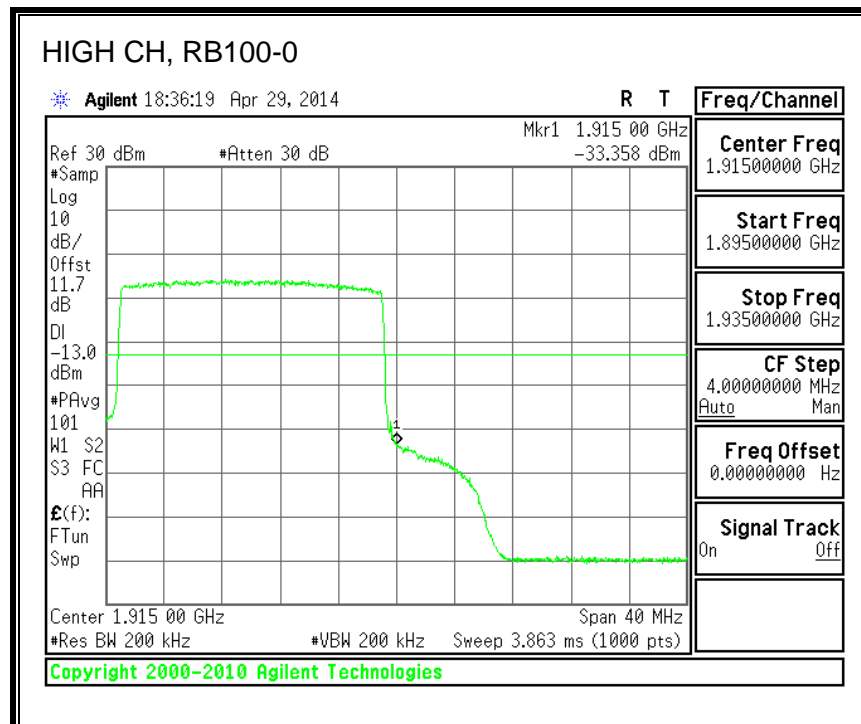
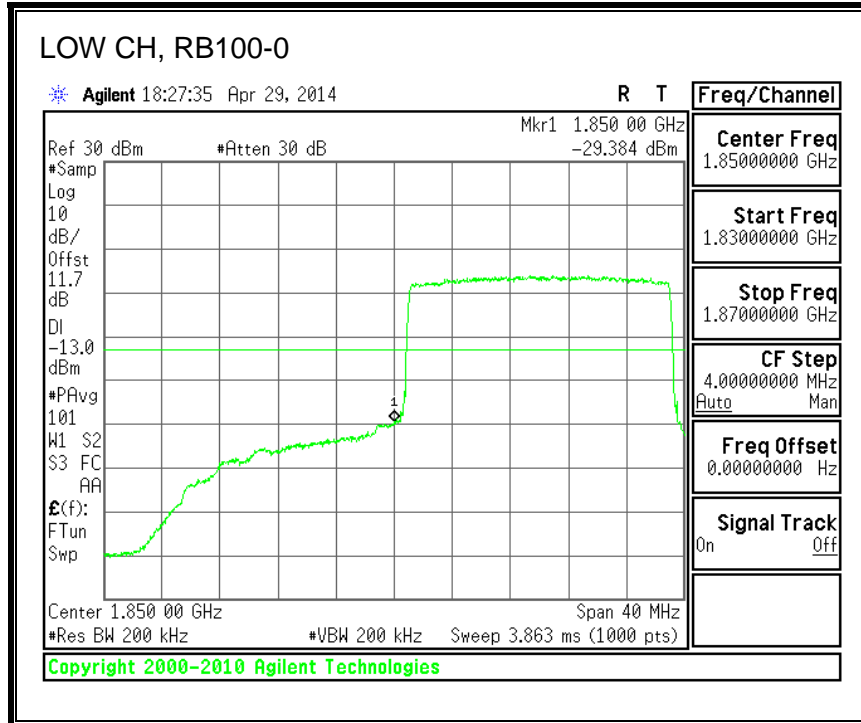


16QAM, (20.0 MHz BAND WIDTH)



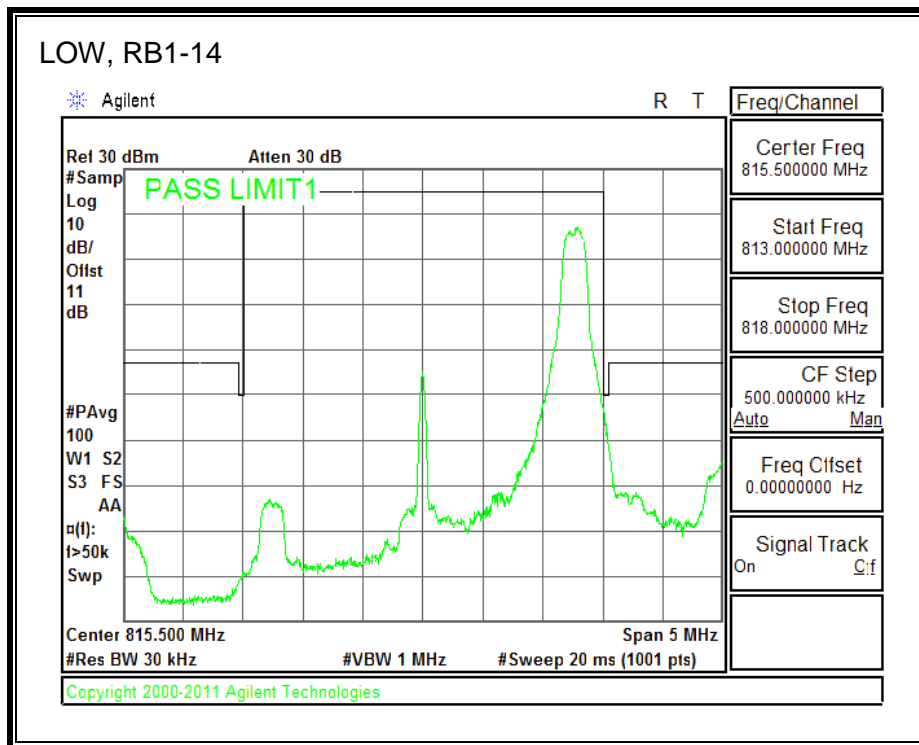
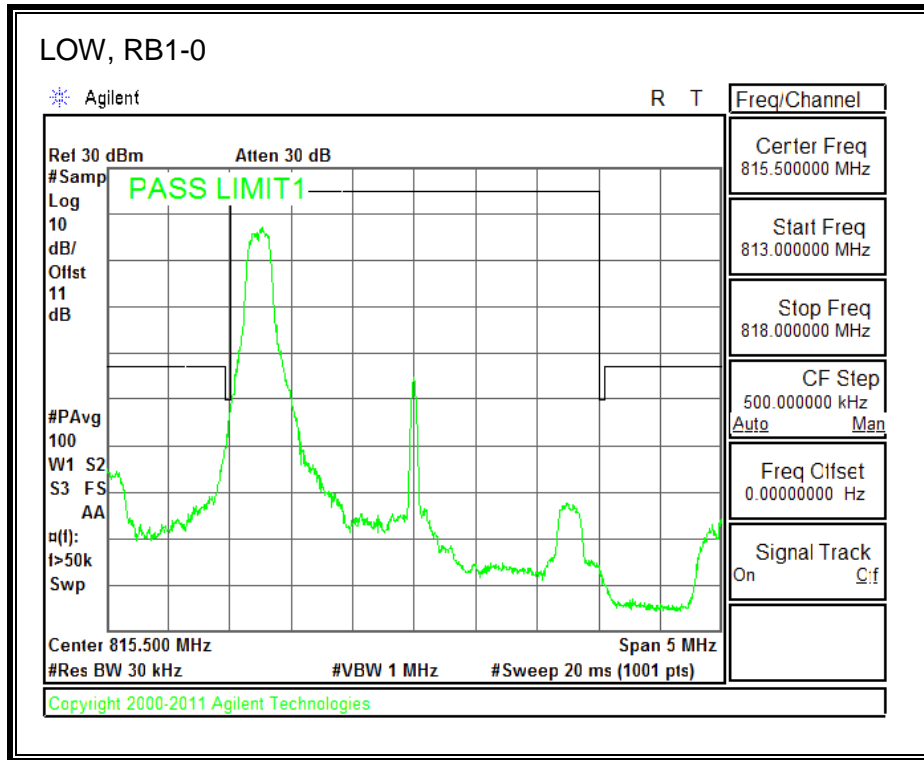


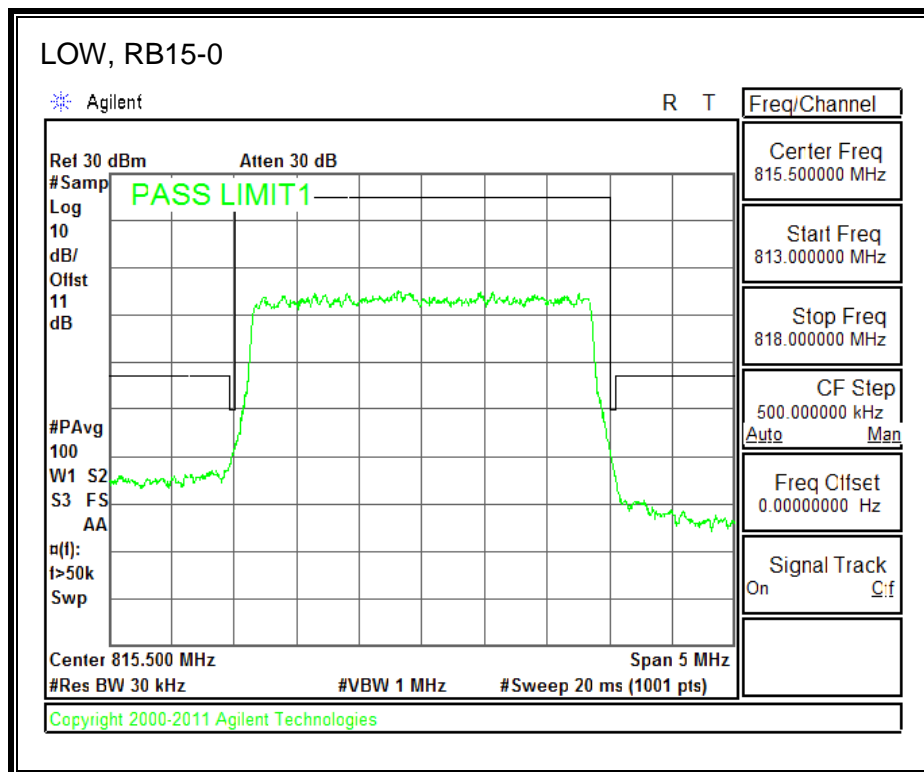
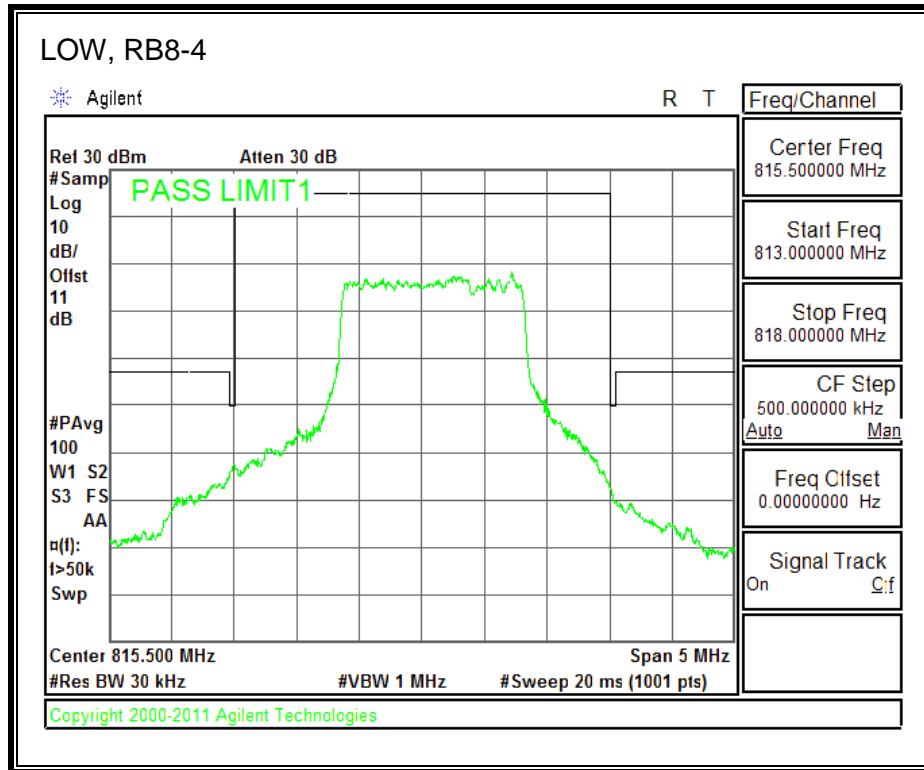




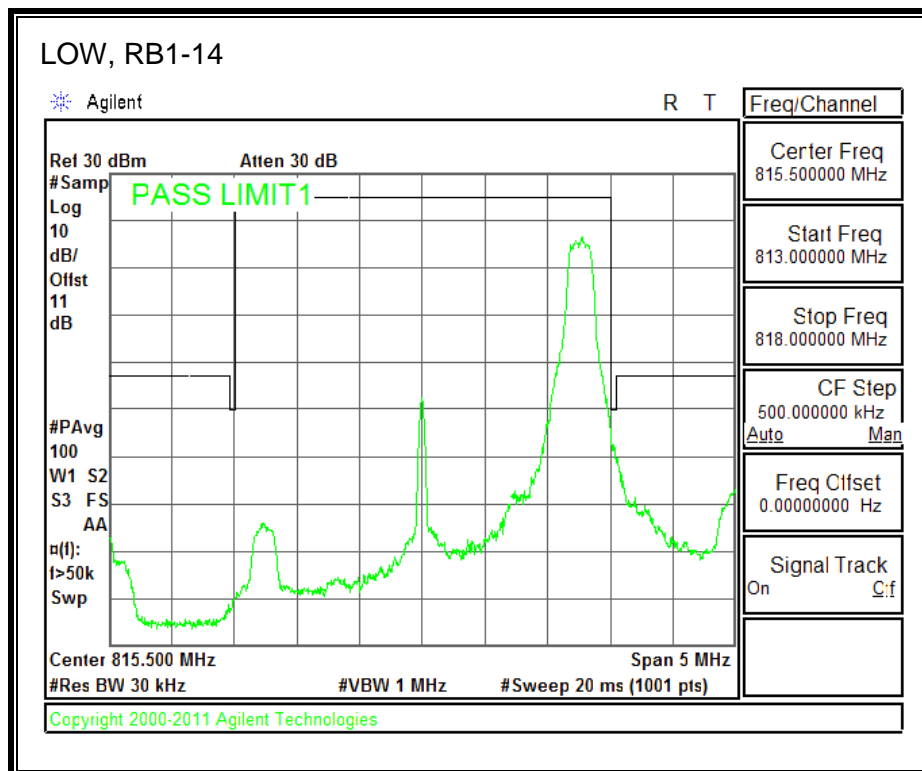
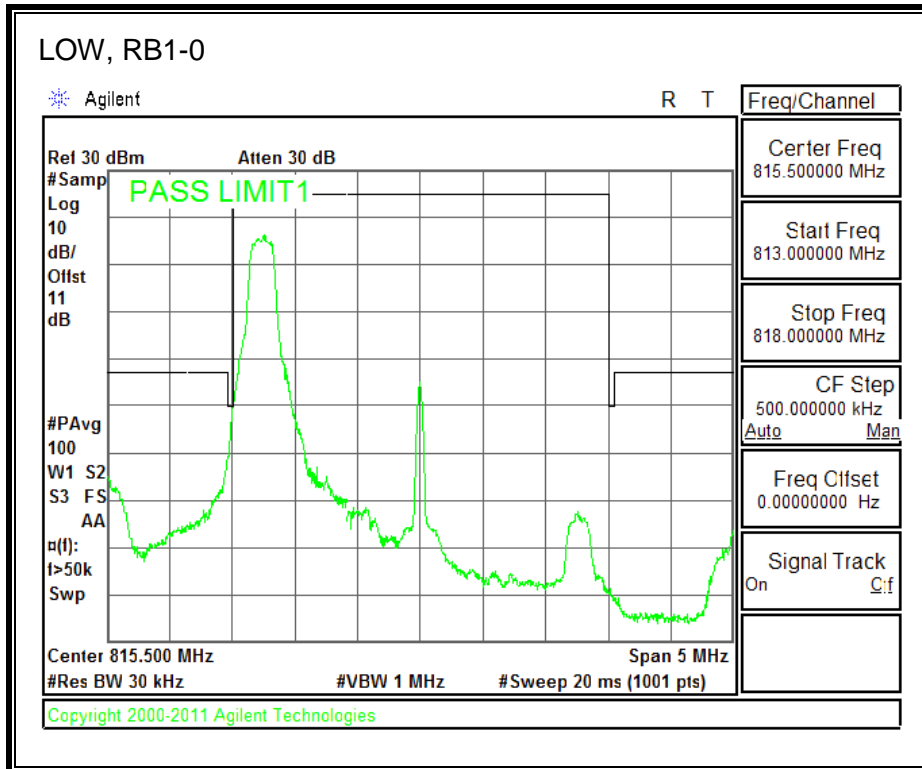
8.2.7. LTE BAND 26 EMISSION MASK

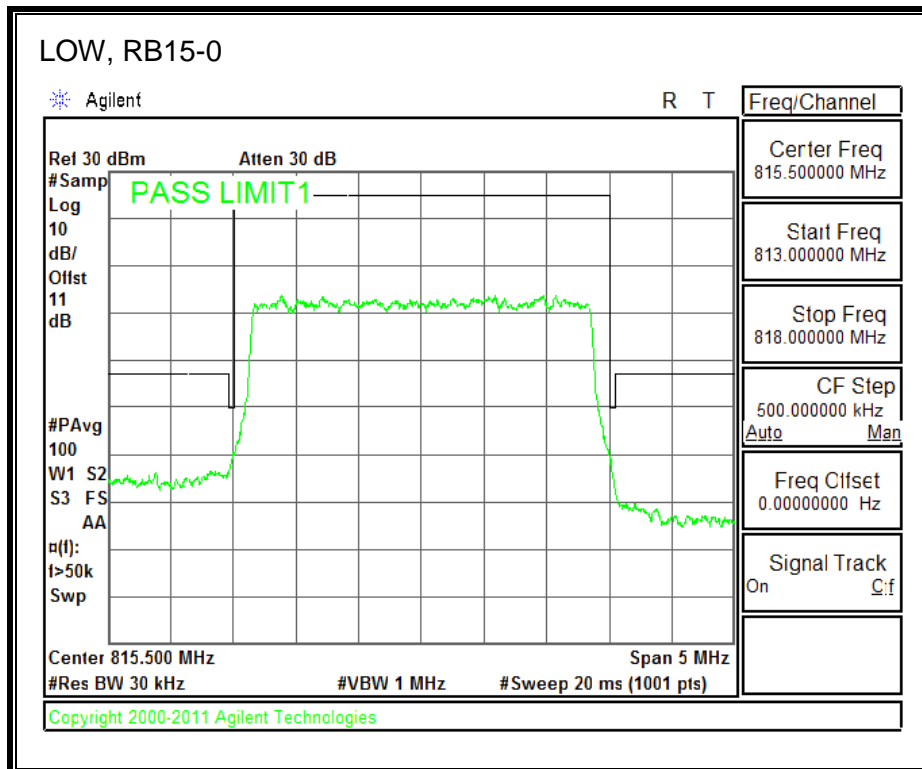
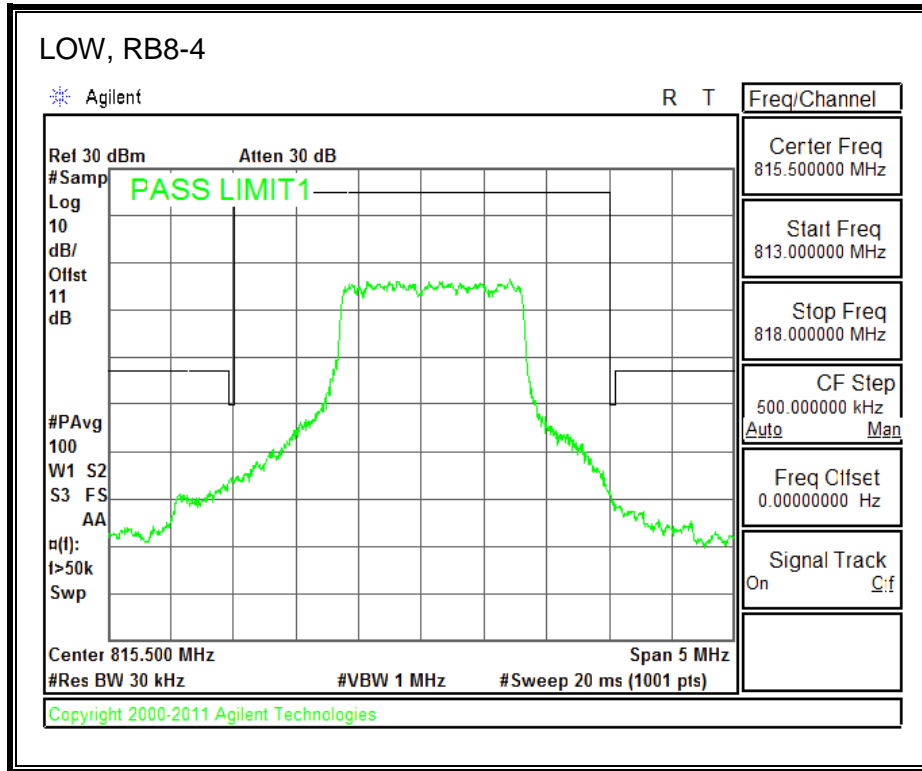
QPSK, (3.0 MHz BAND WIDTH)



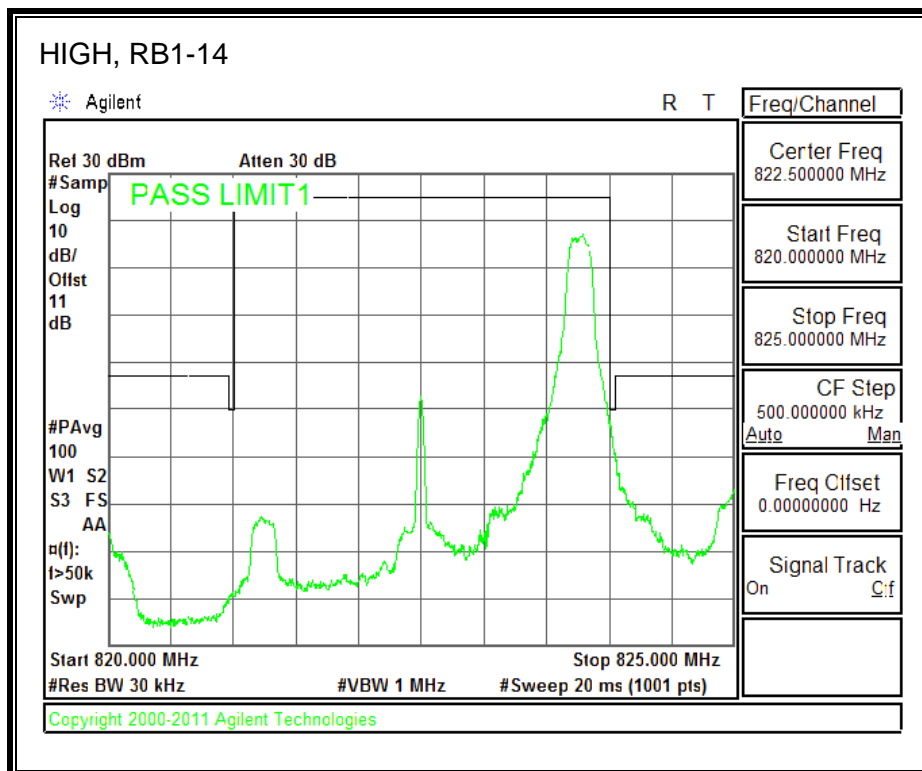
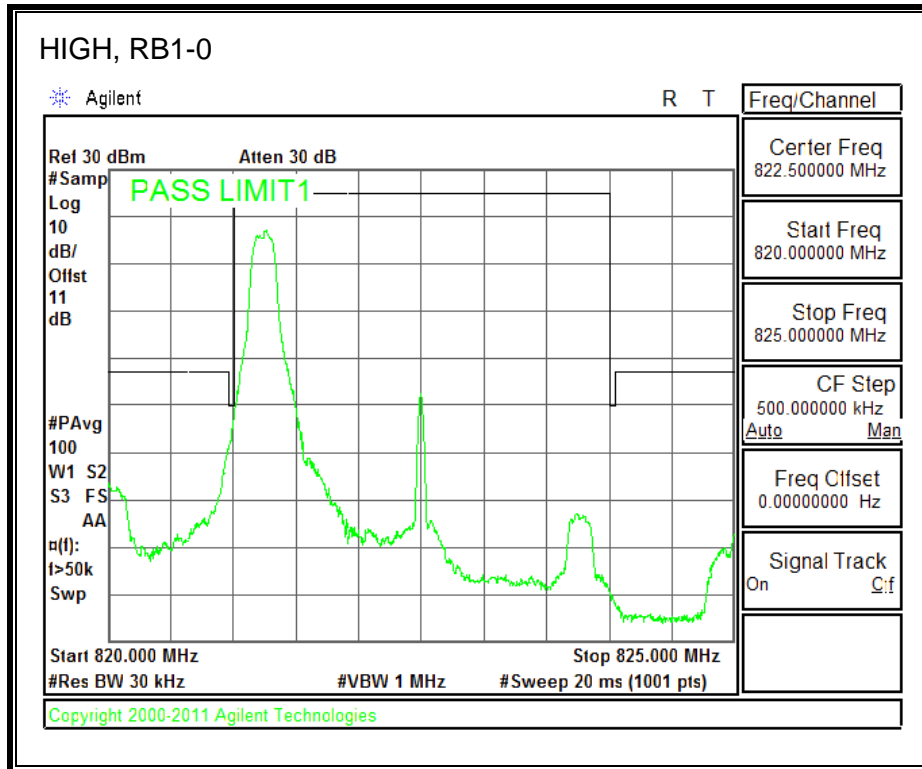


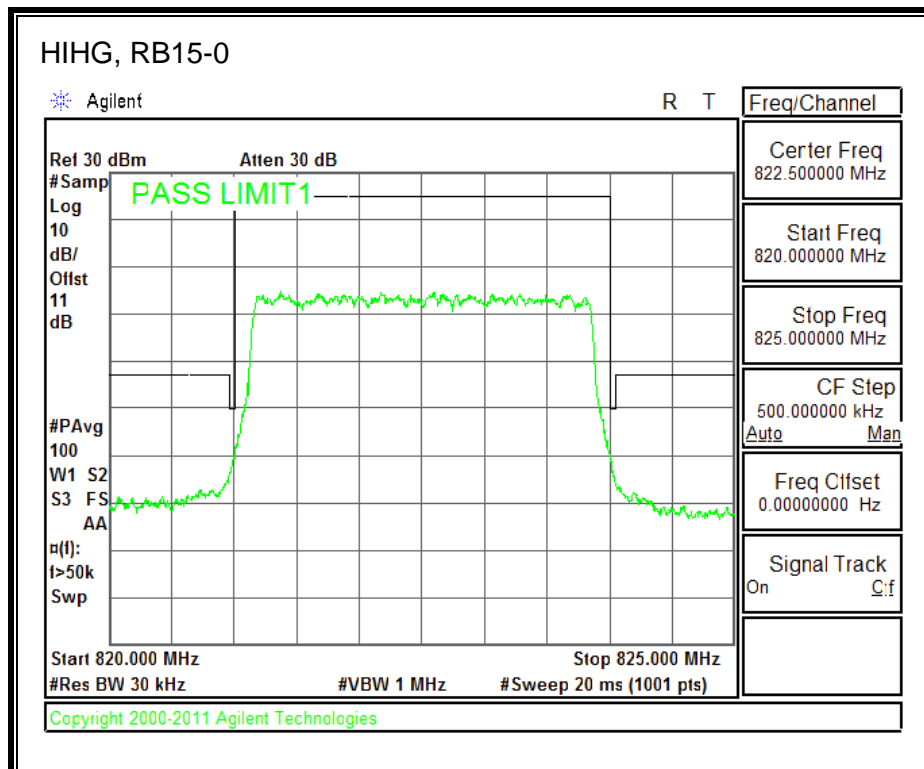
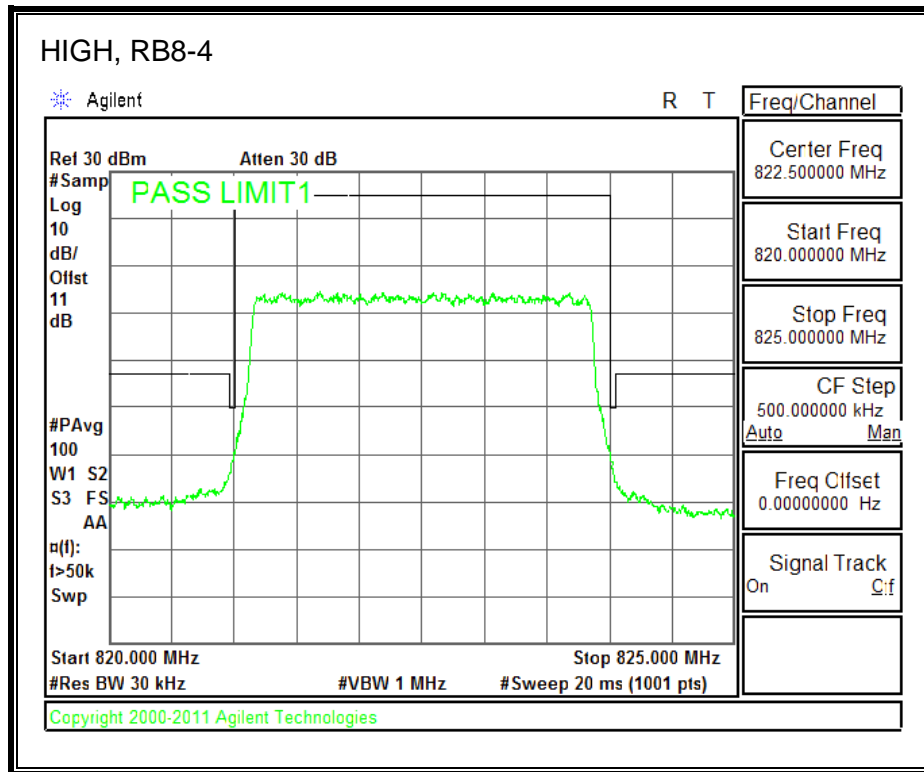
16QAM, (3.0 MHz BAND WIDTH)



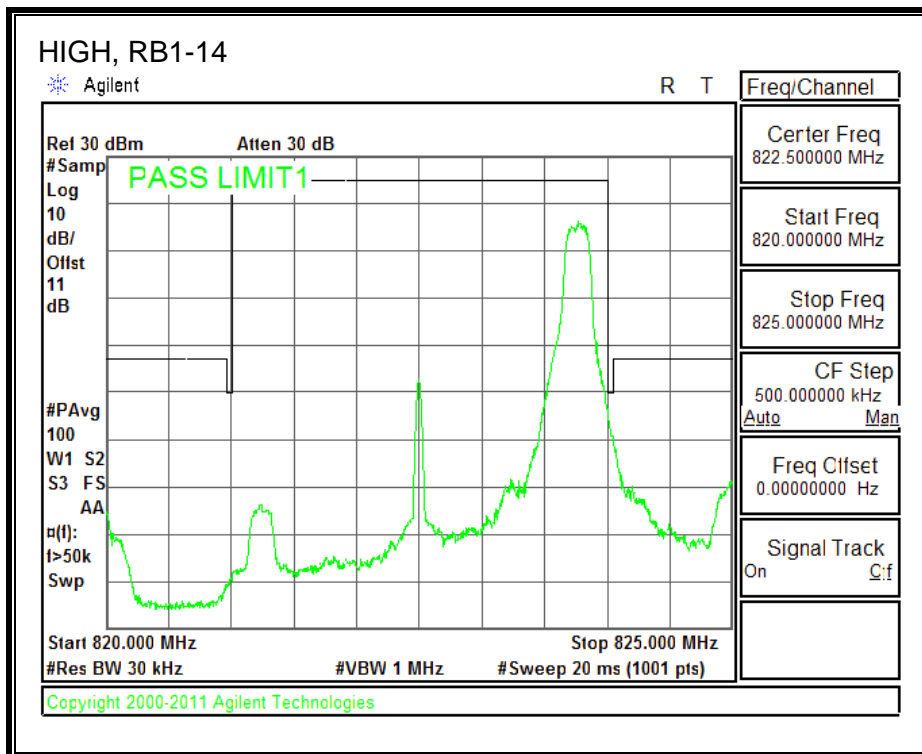
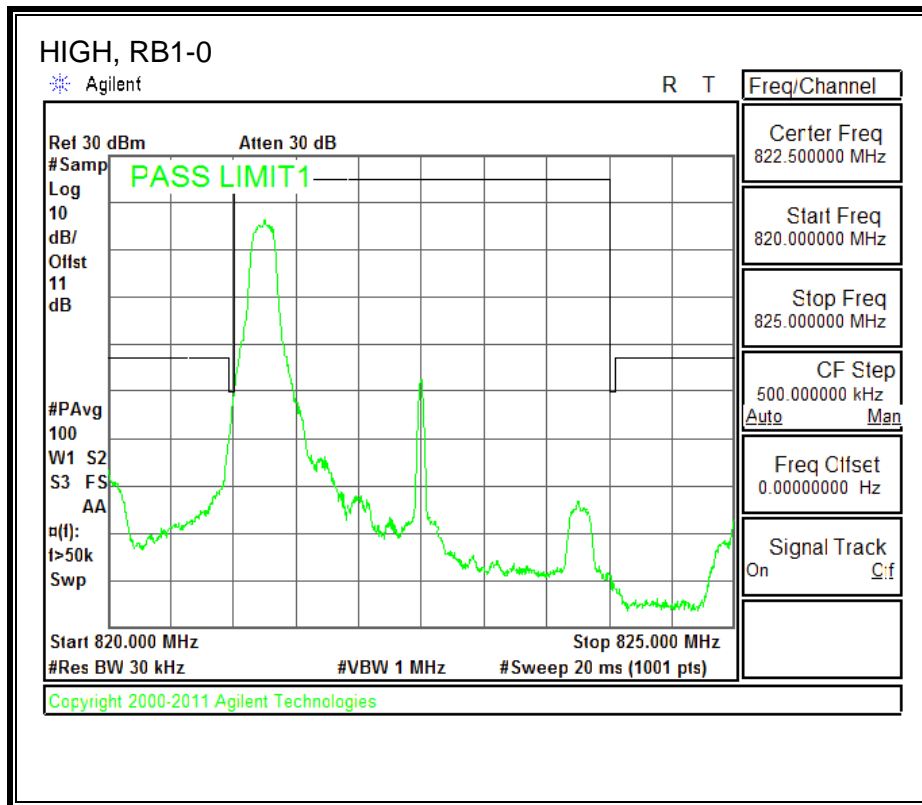


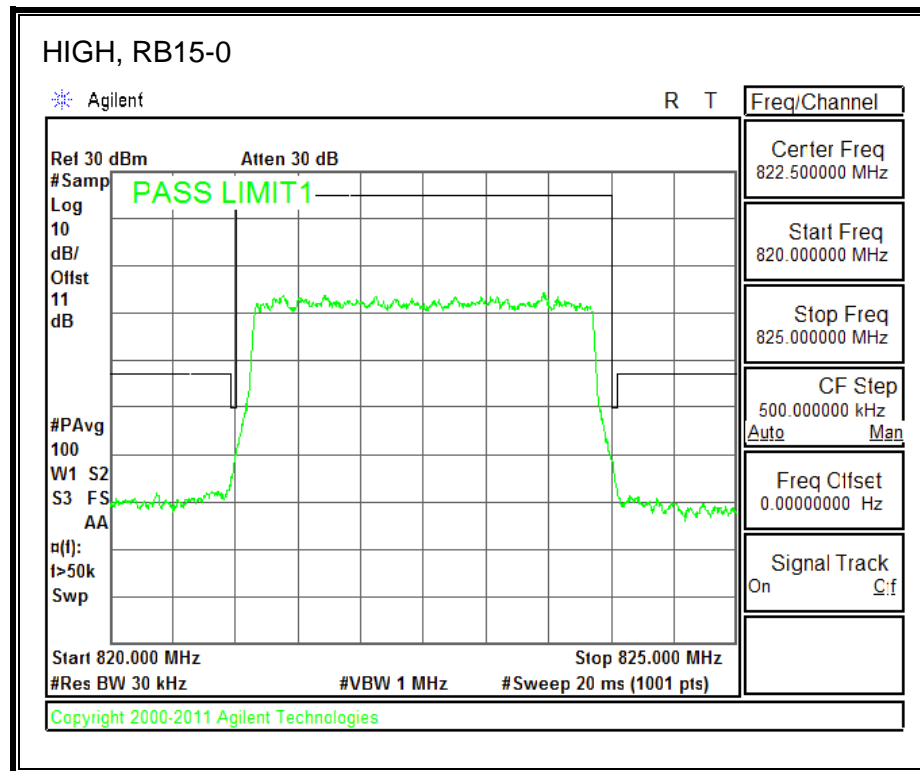
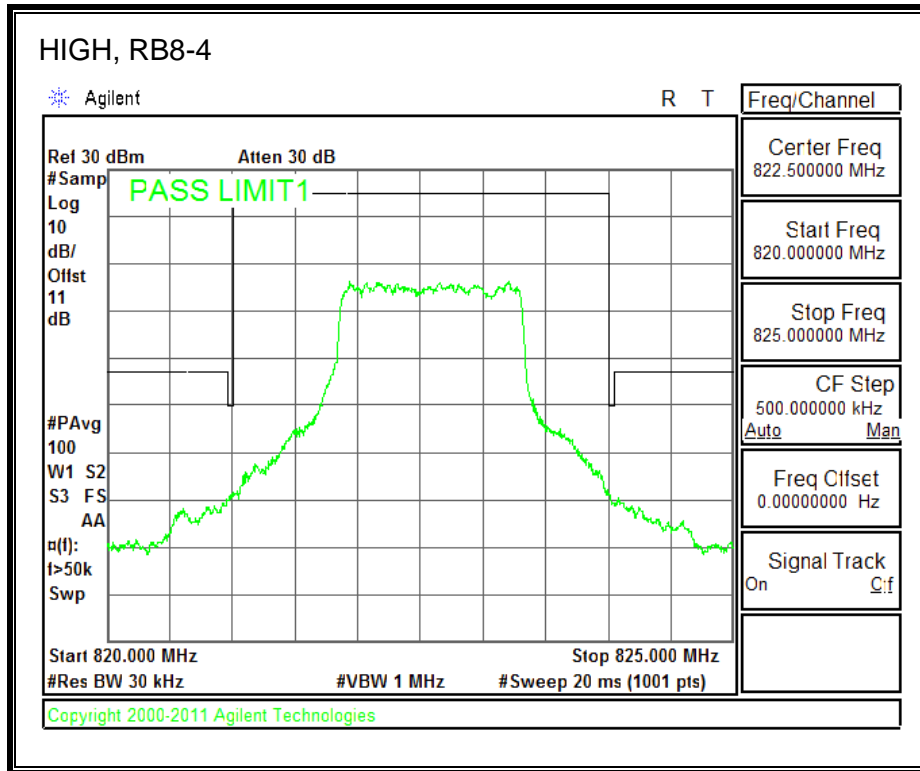
QPSK, (3.0 MHz BAND WIDTH)



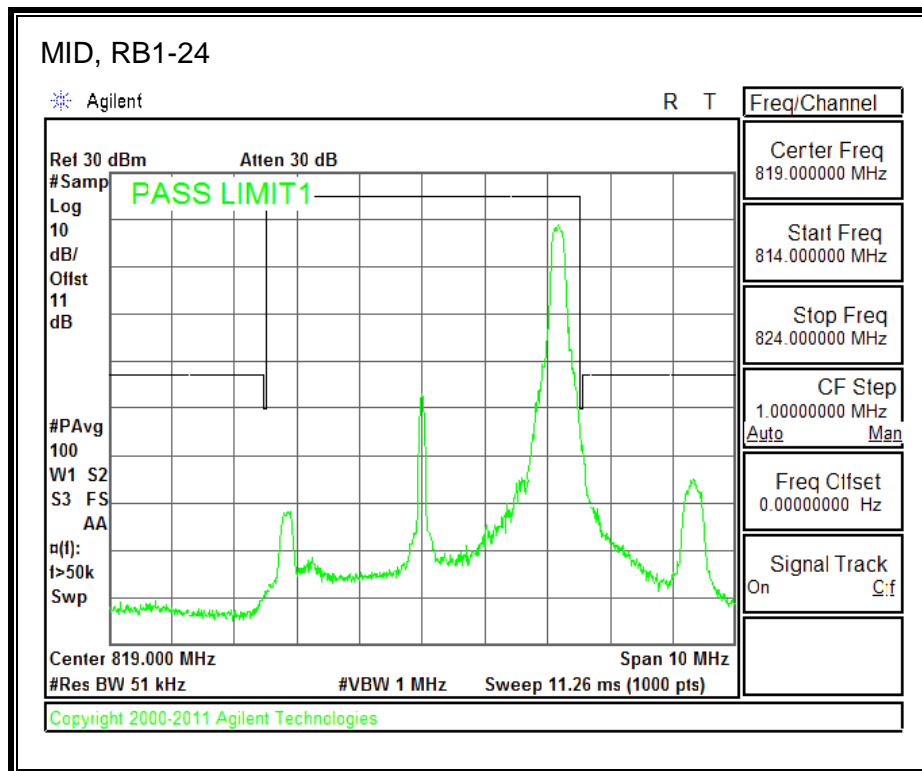
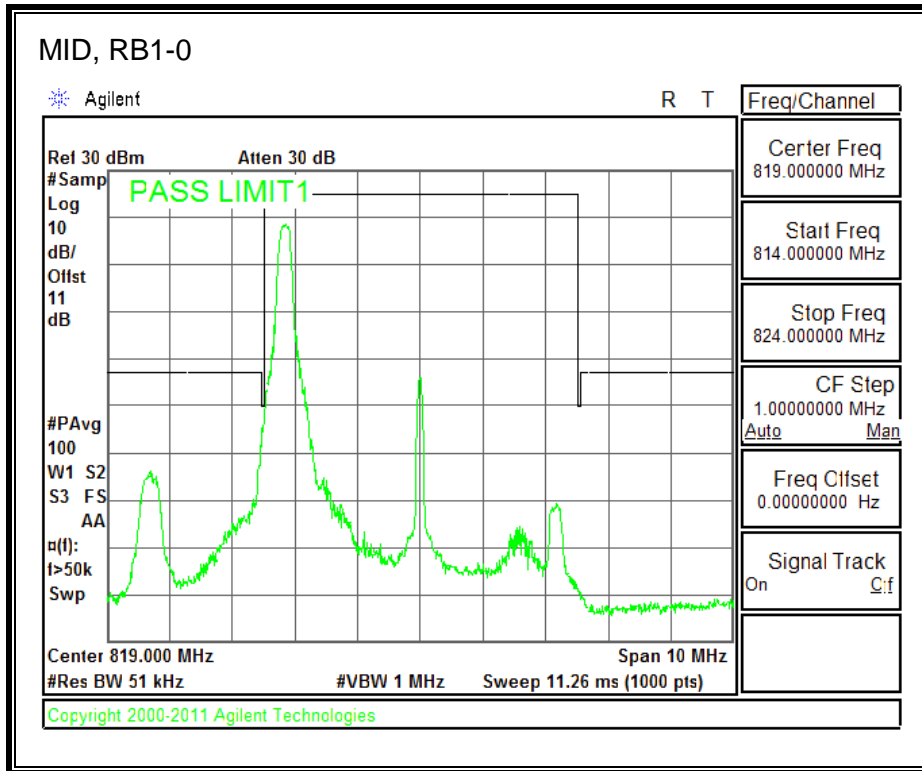


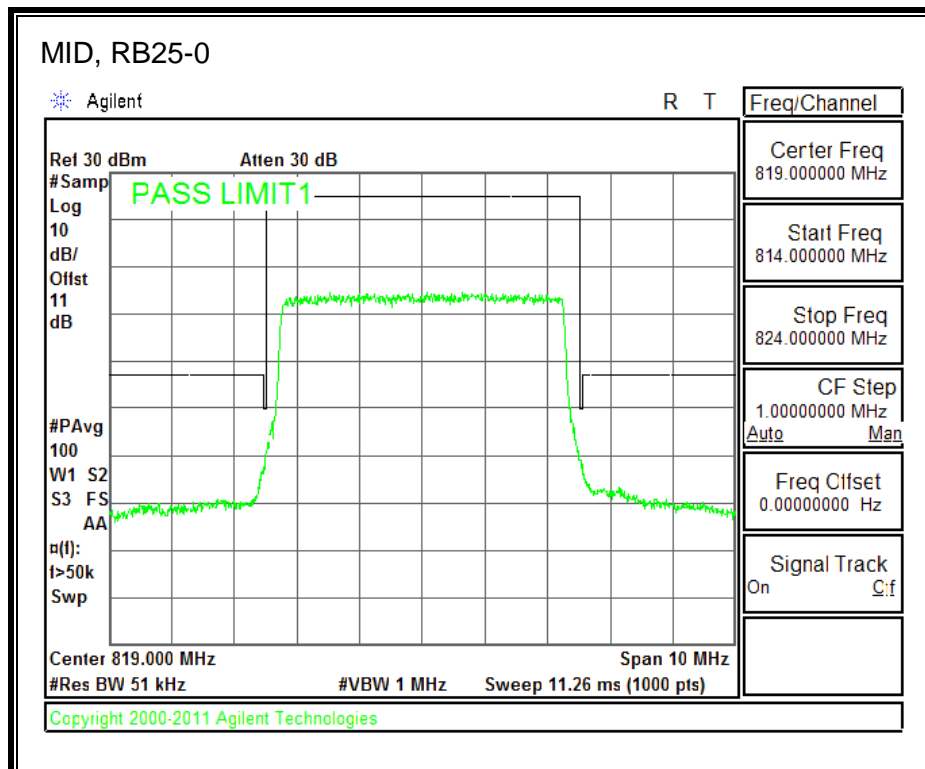
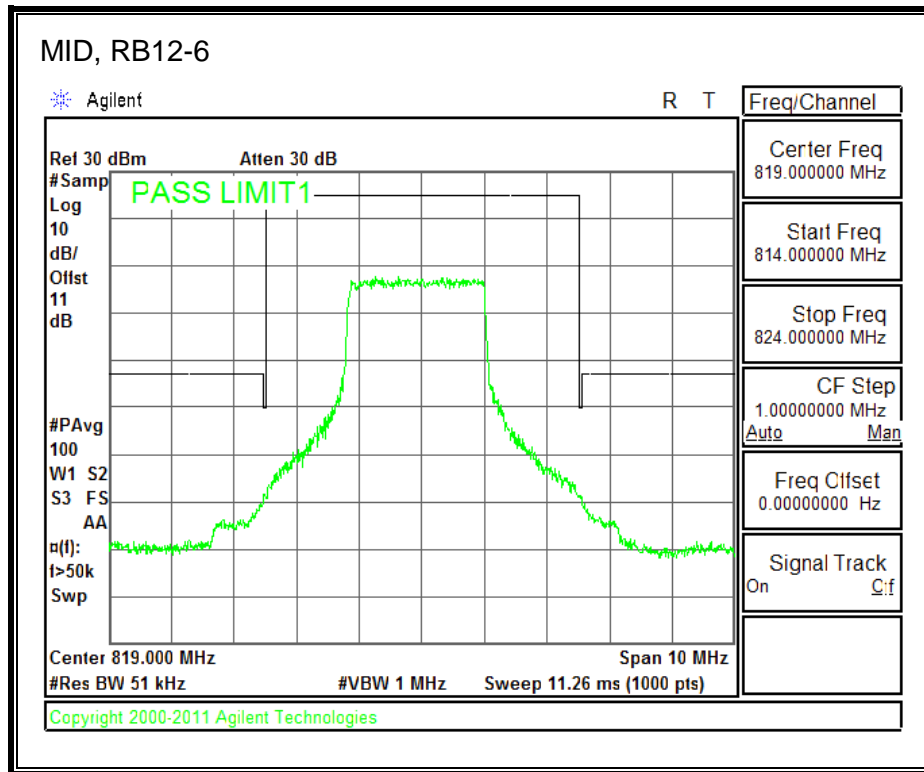
16QAM, (3.0 MHz BAND WIDTH)



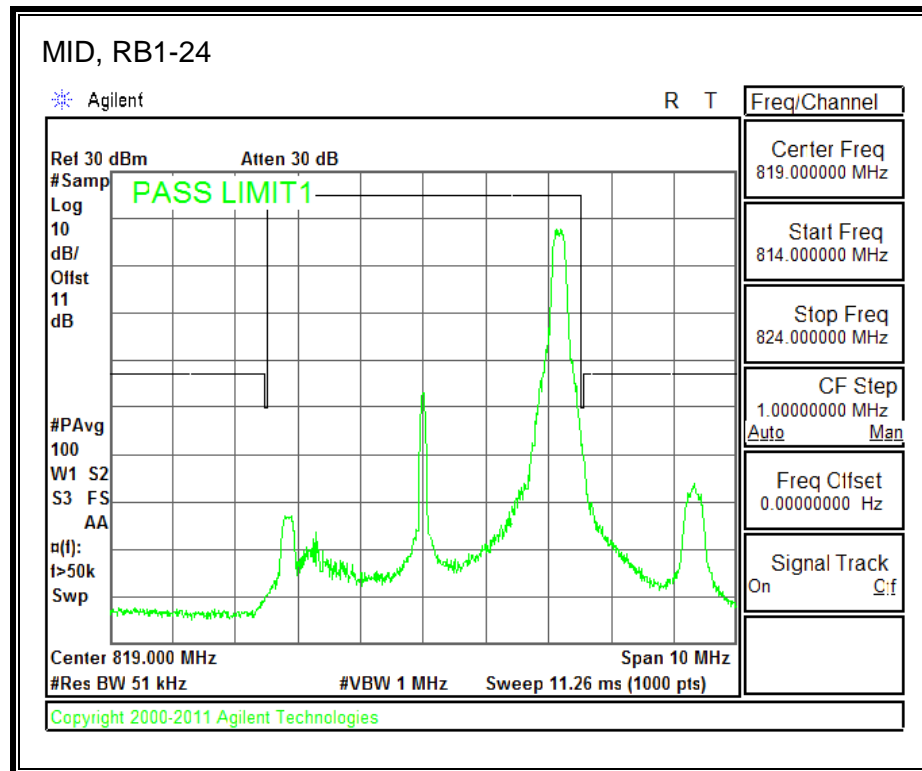
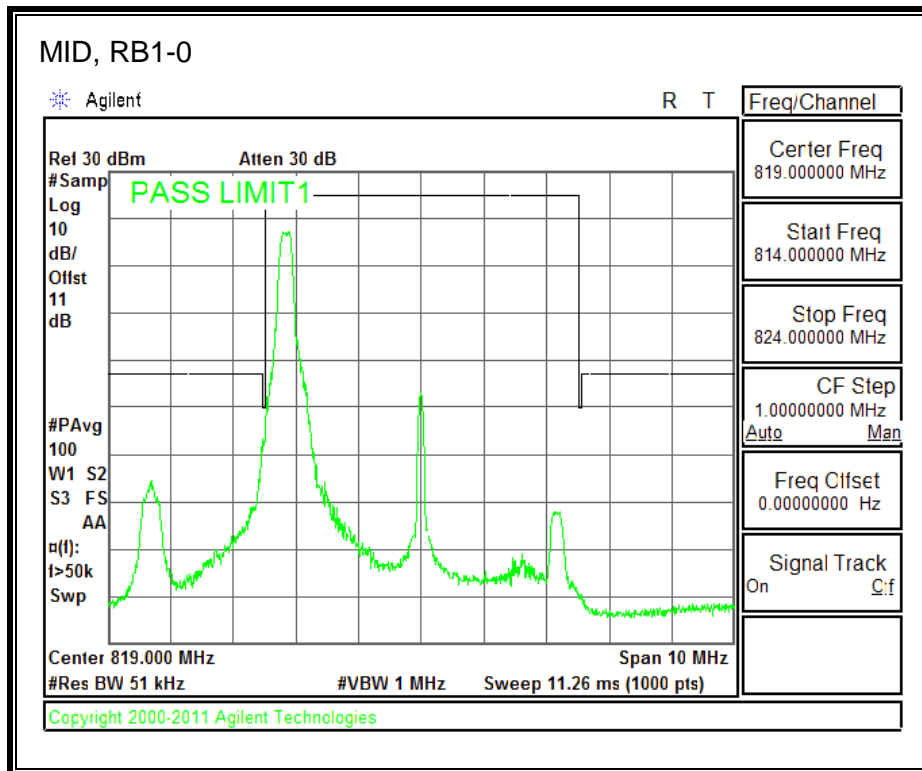


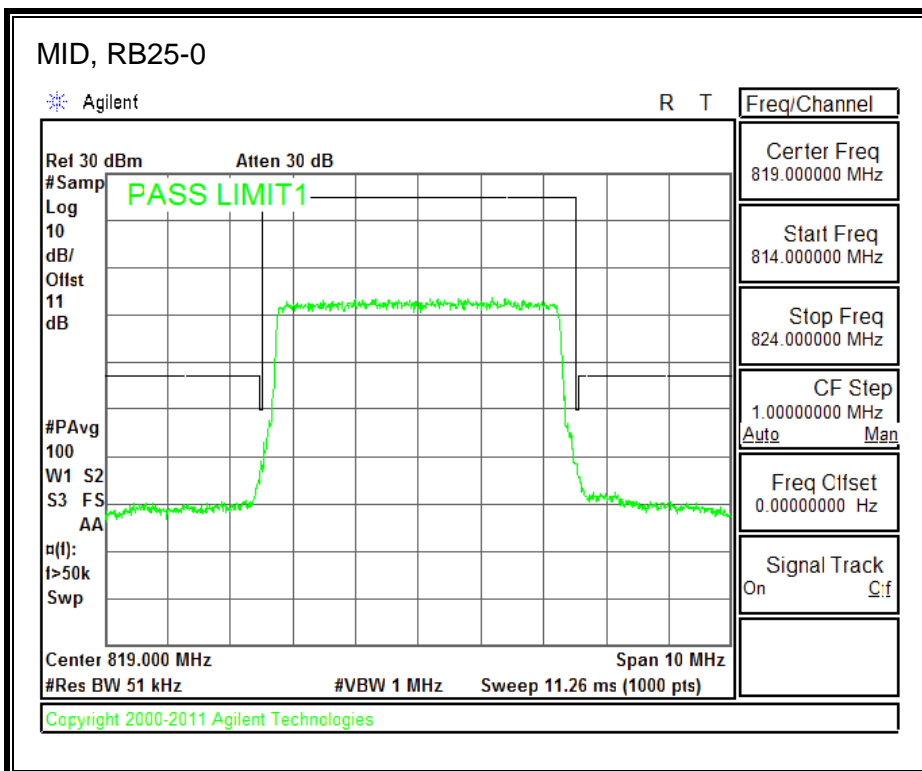
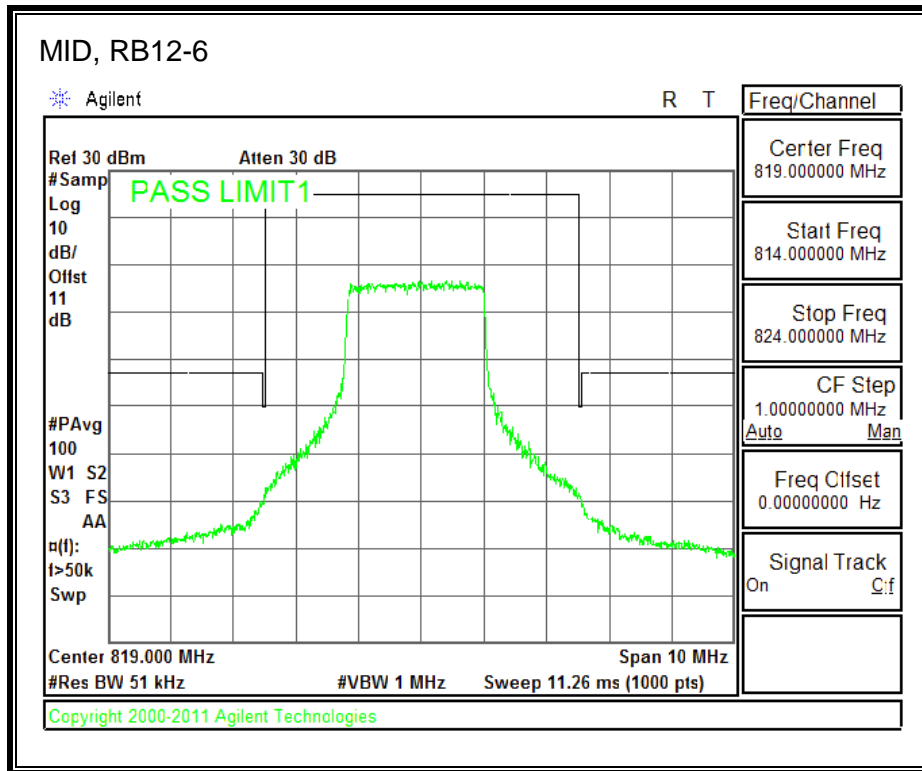
QPSK, (5.0 MHz BAND WIDTH)



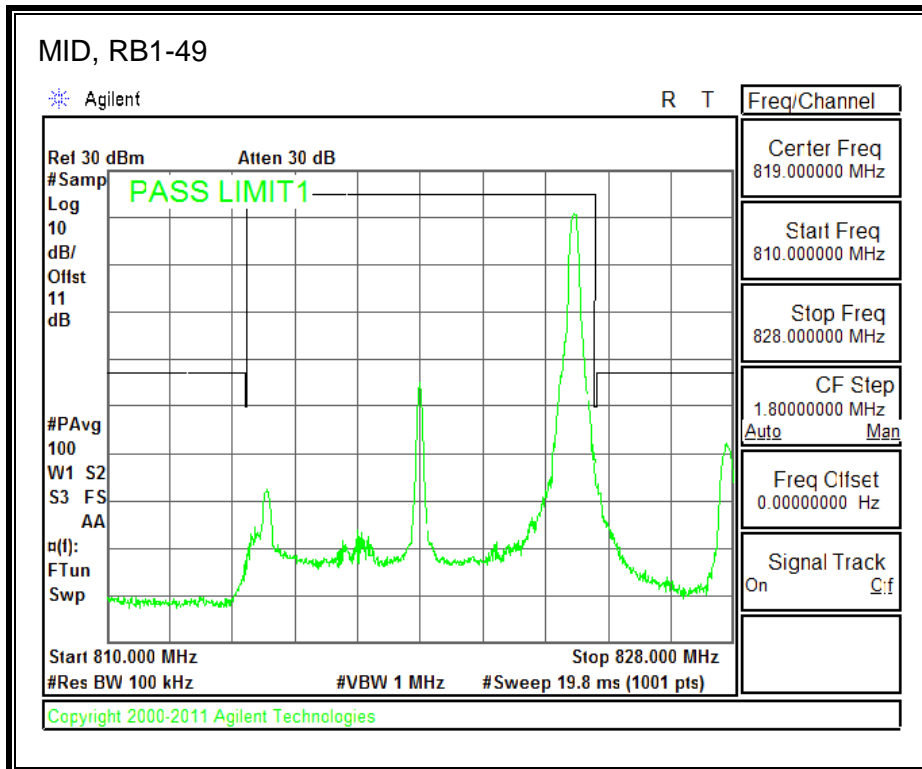
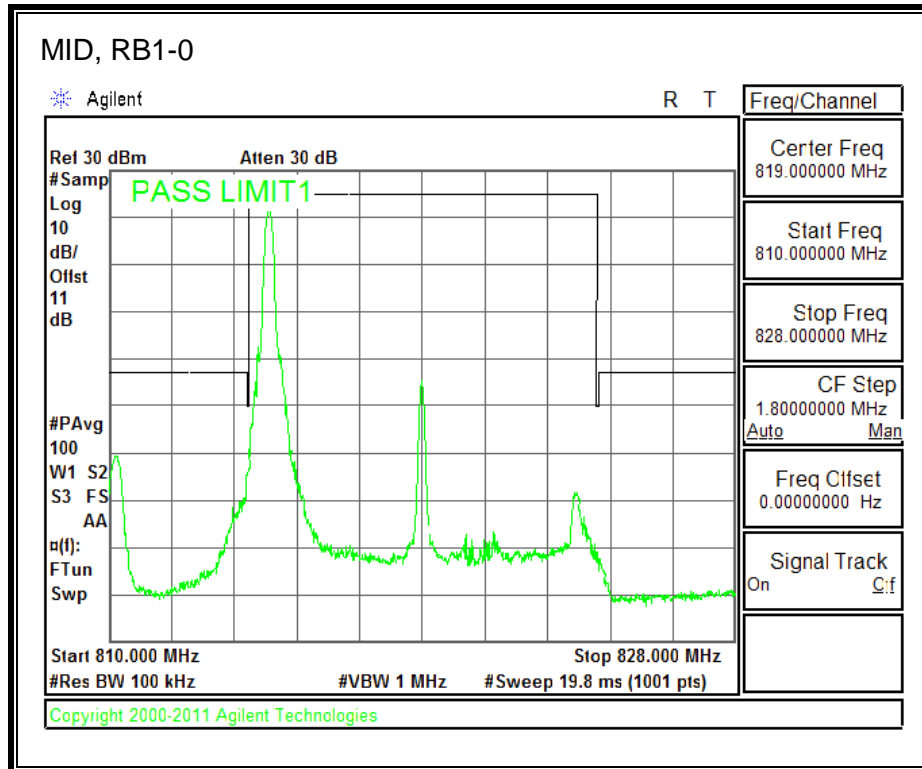


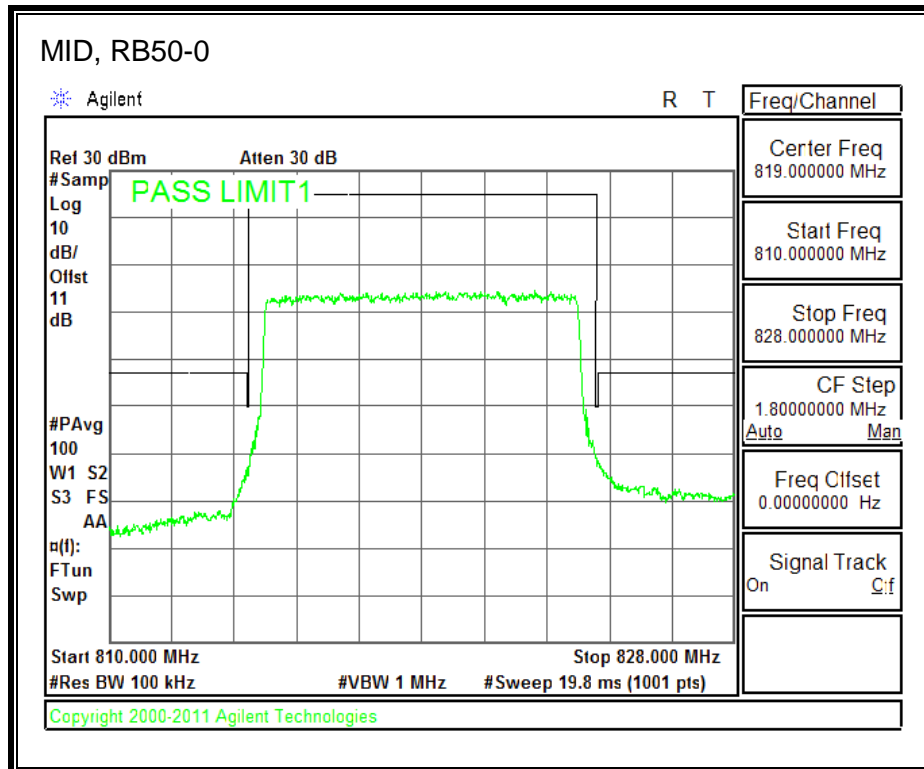
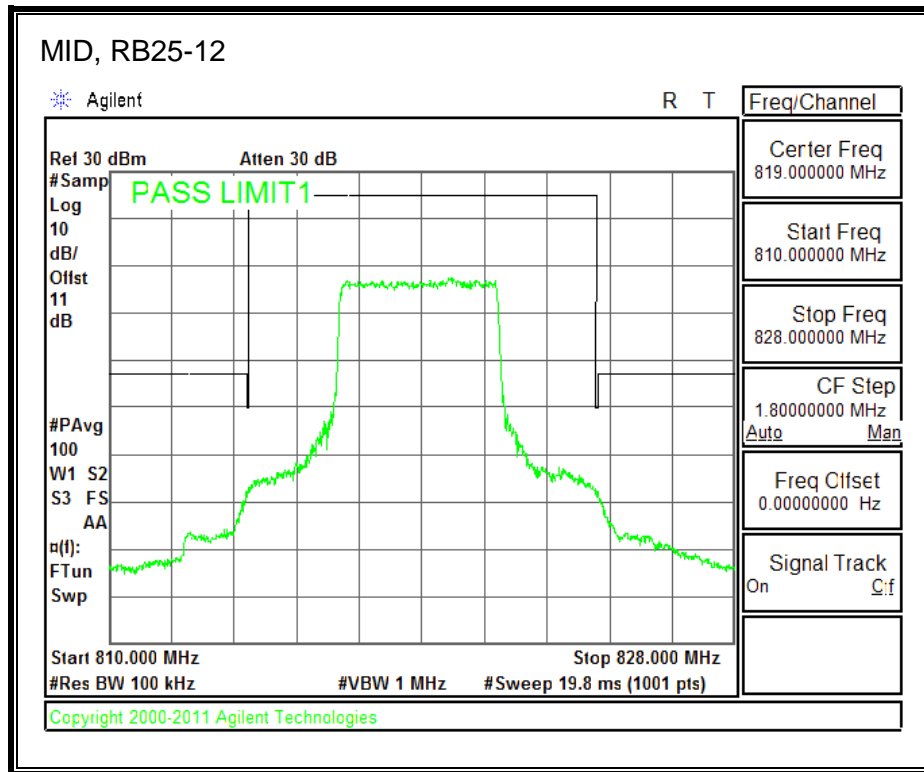
16QAM, (5.0 MHz BAND WIDTH)



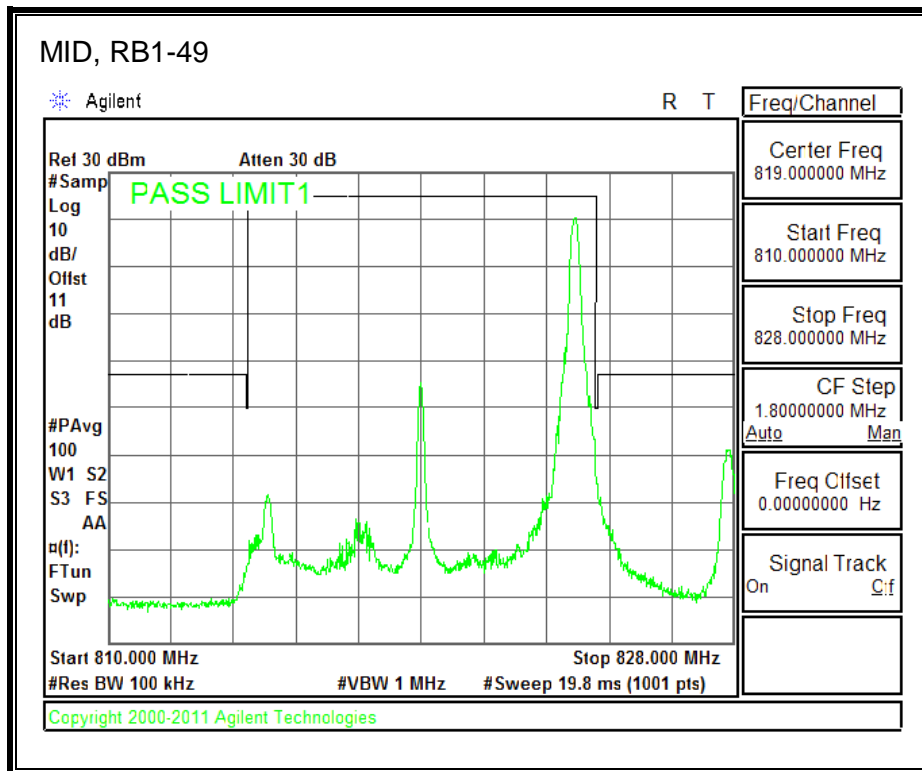
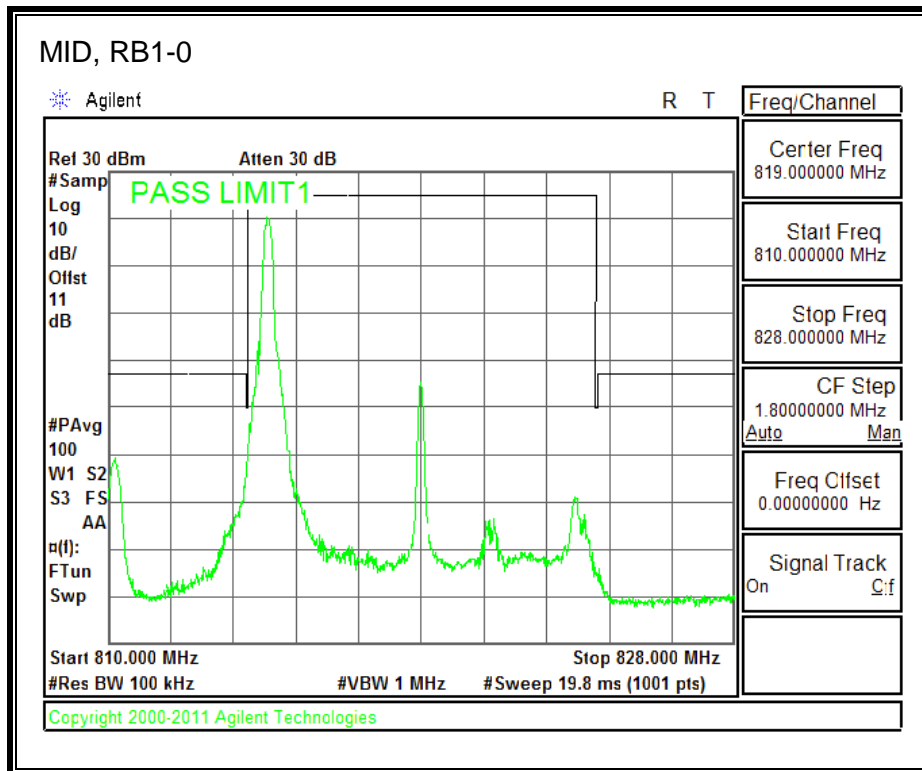


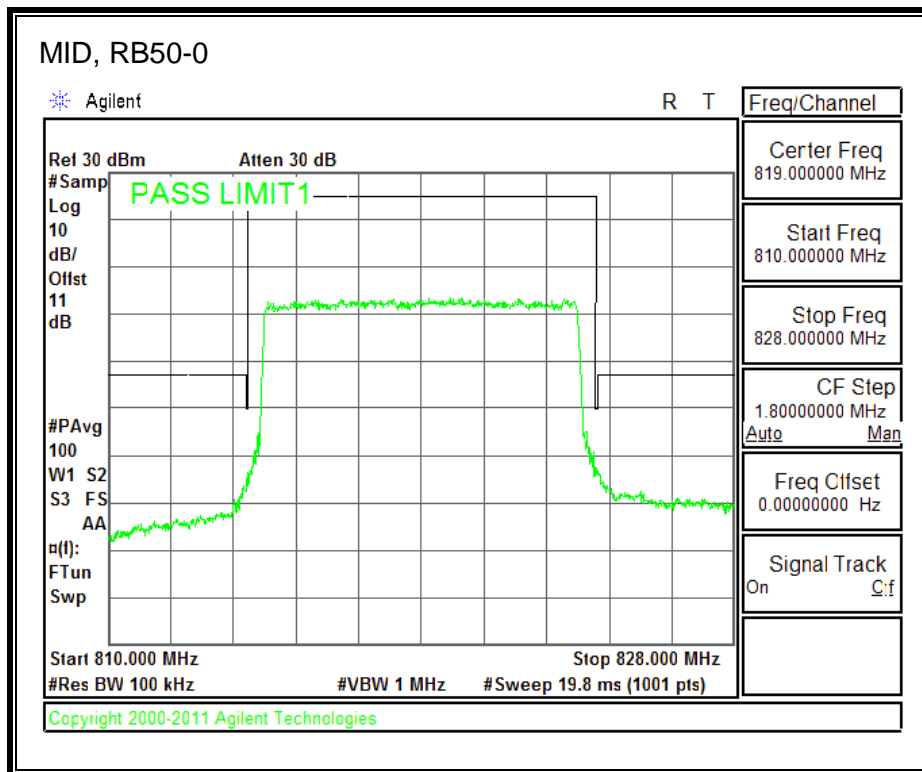
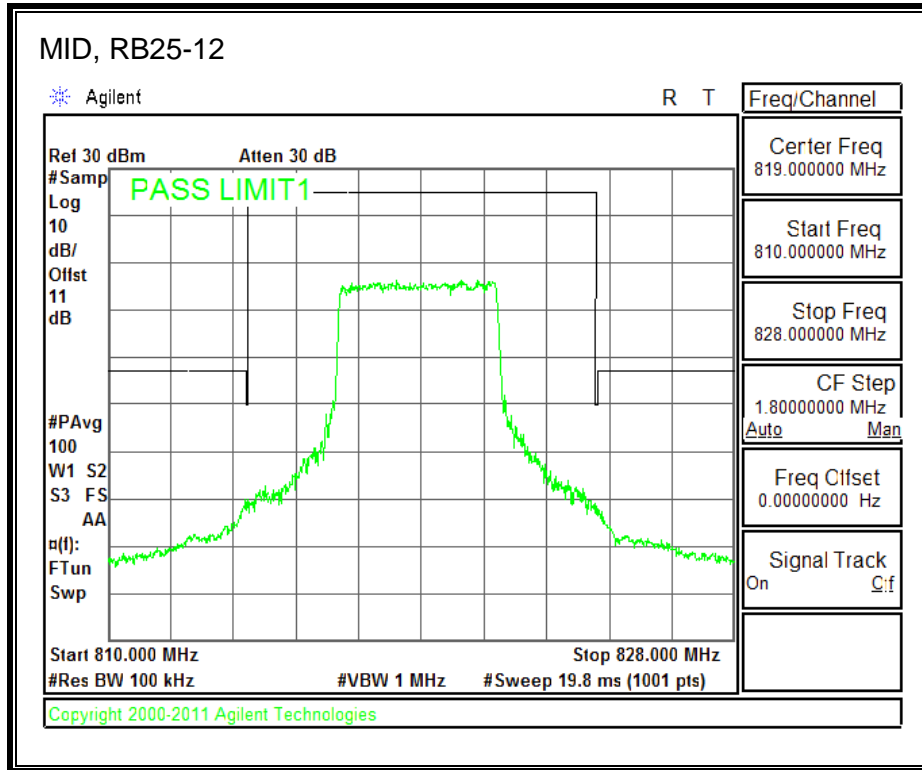
QPSK, (10.0 MHz BAND WIDTH)





16QAM, (10.0 MHz BAND WIDTH)





8.3. OUT OF BAND EMISSIONS

RULE PART(S)

FCC: §2.1051, §22.901, §22.917, §24.238 and §27.53

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:

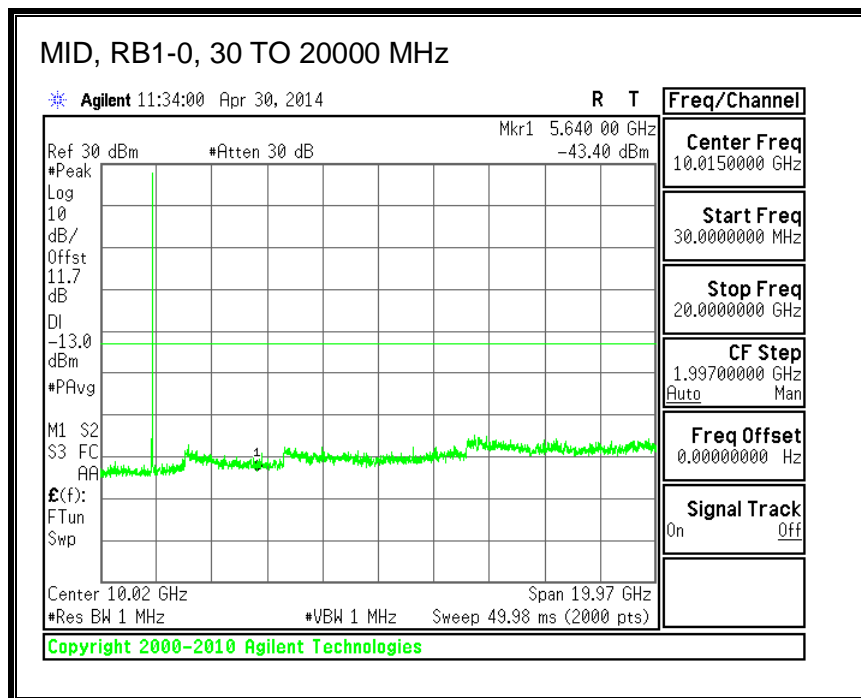
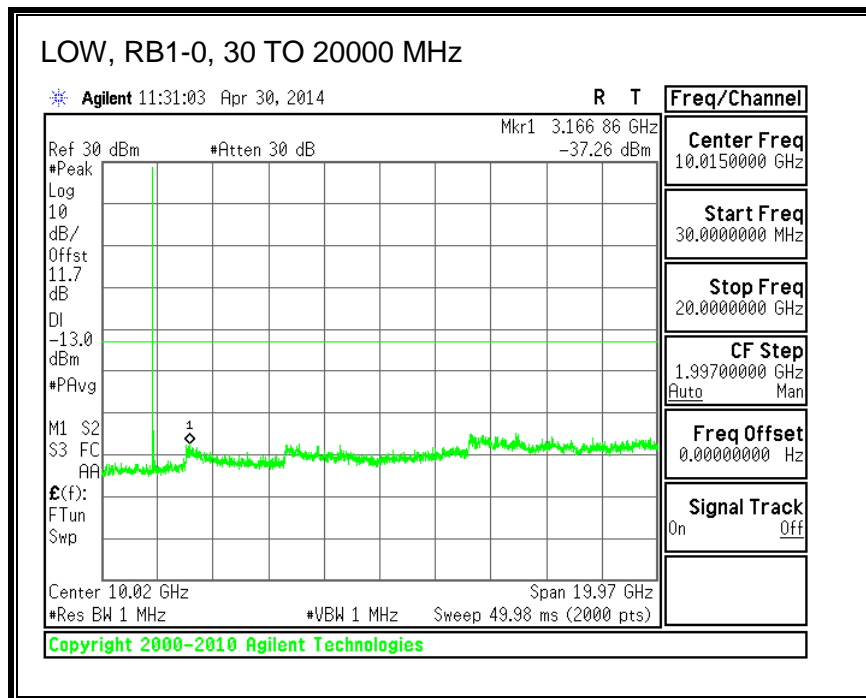
- Set display line at -13 dBm
- Set RBW & VBW to 100 kHz for the measurement below 1 GHz, and 1 MHz for the measurement above 1 GHz.

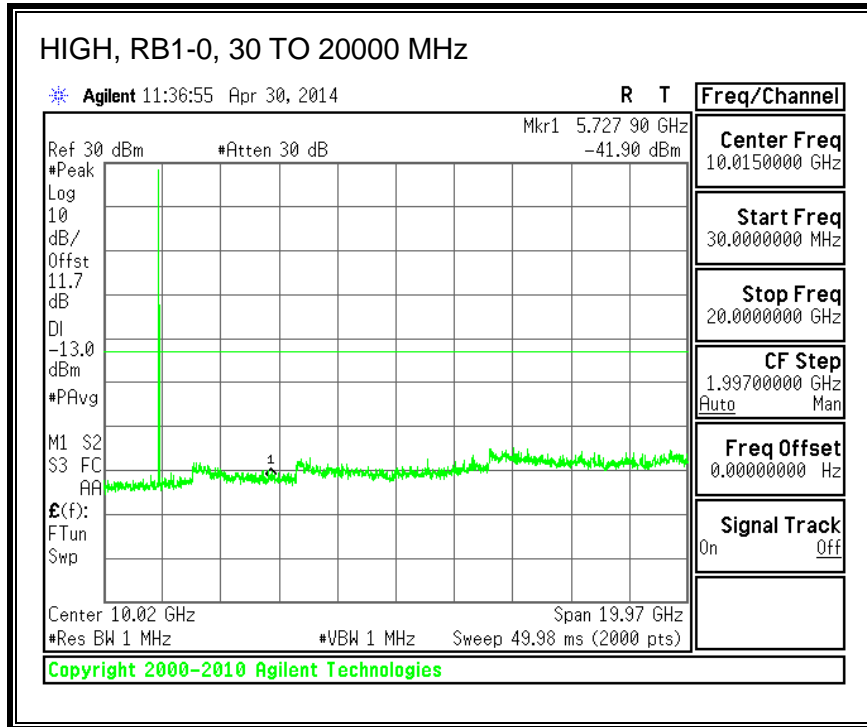
MODES TESTED

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

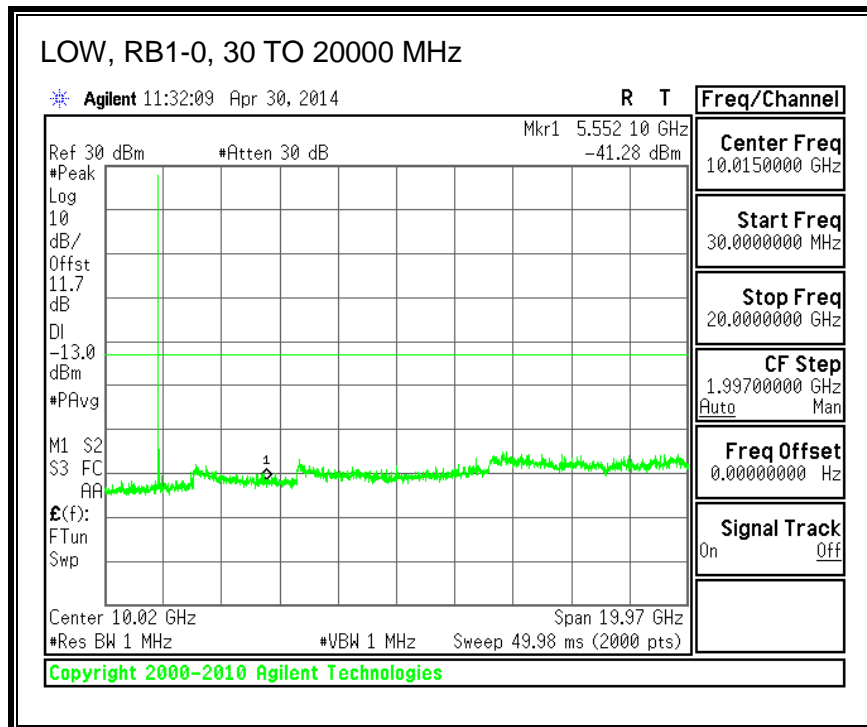
8.3.1. LTE BAND 2

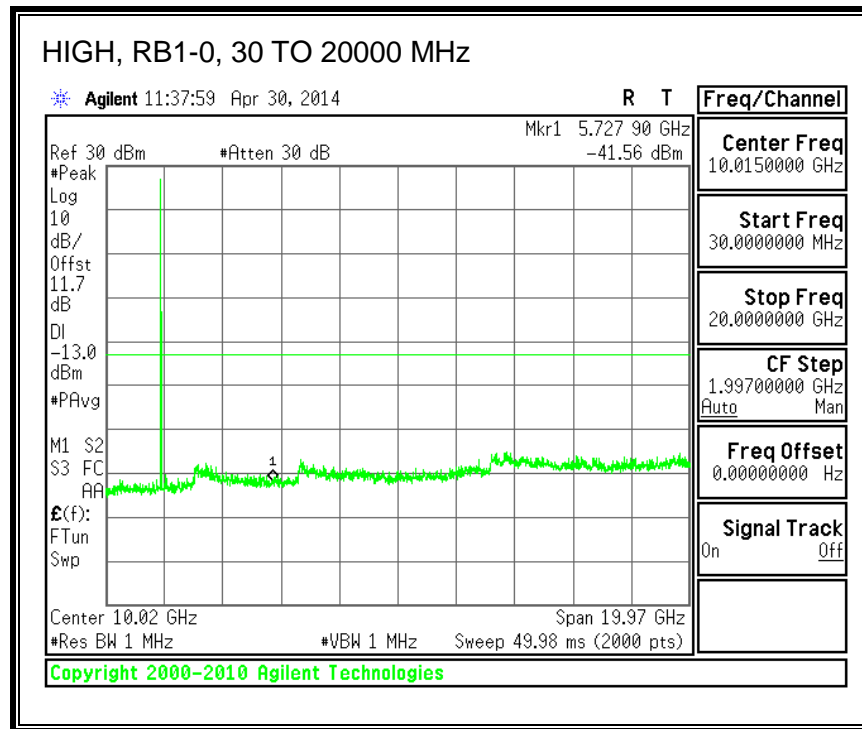
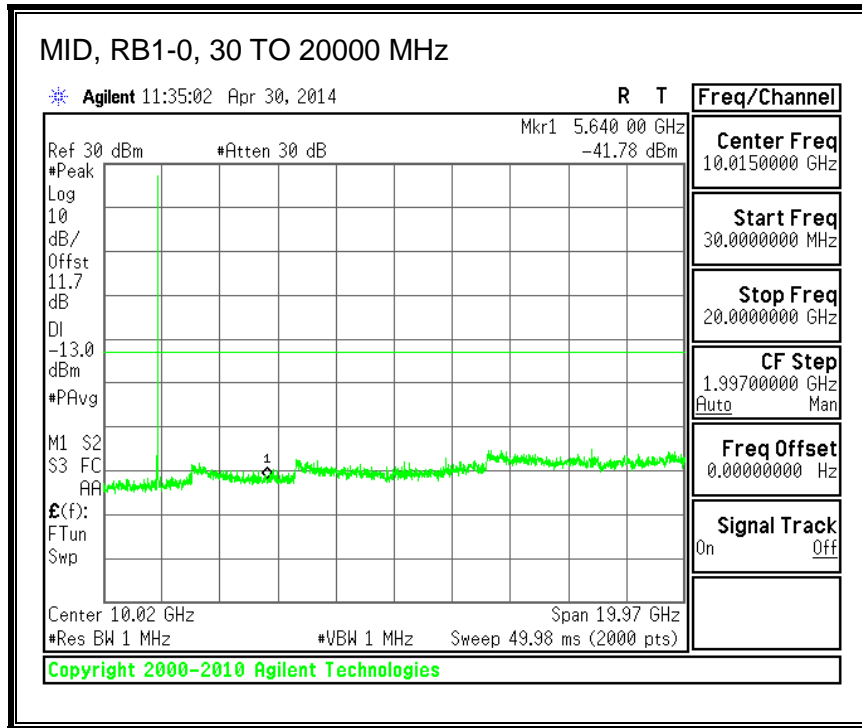
QPSK, (1.4 MHz BAND WIDTH)



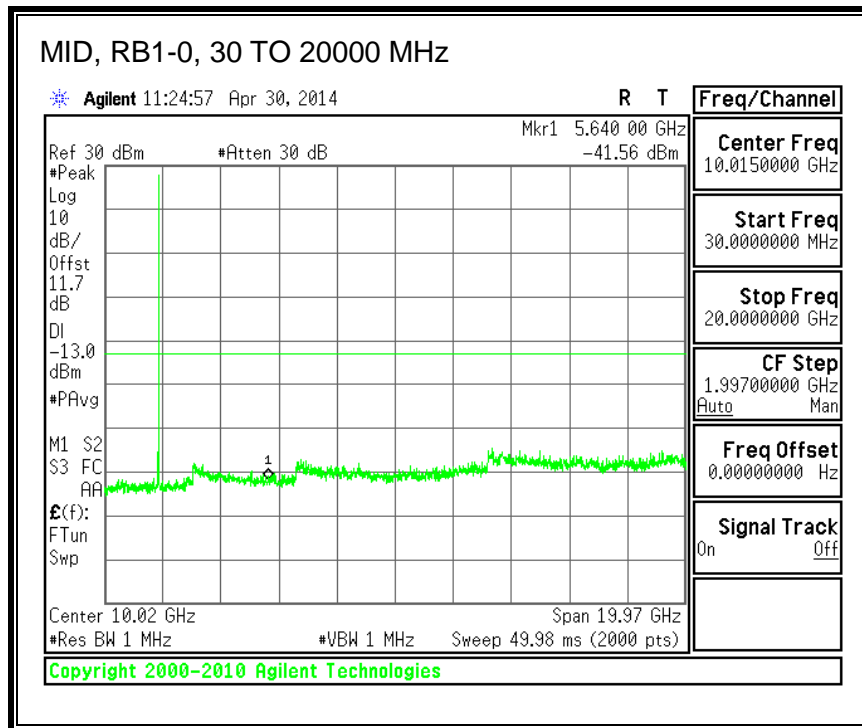
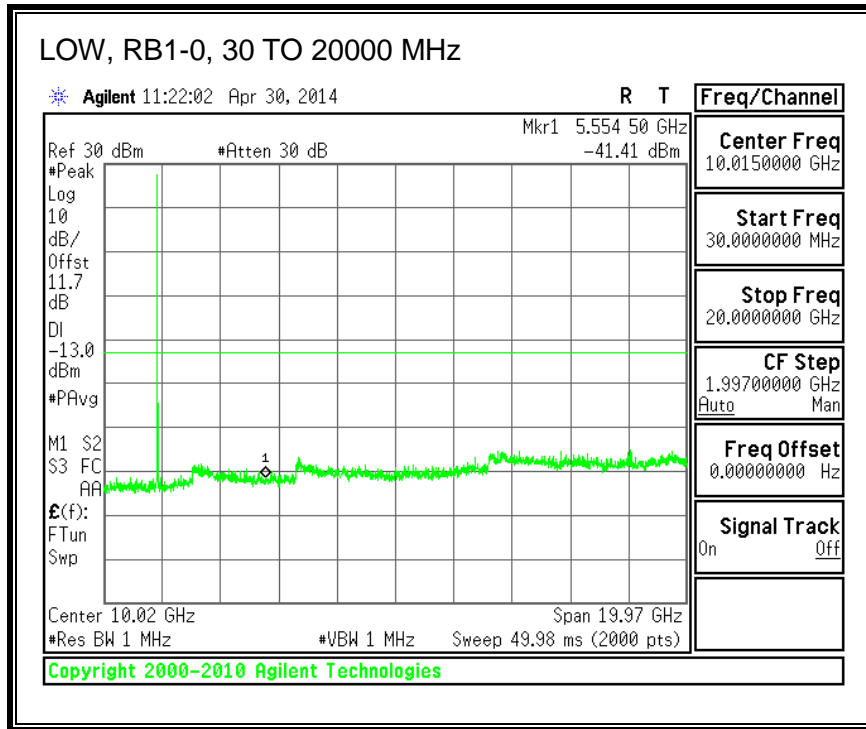


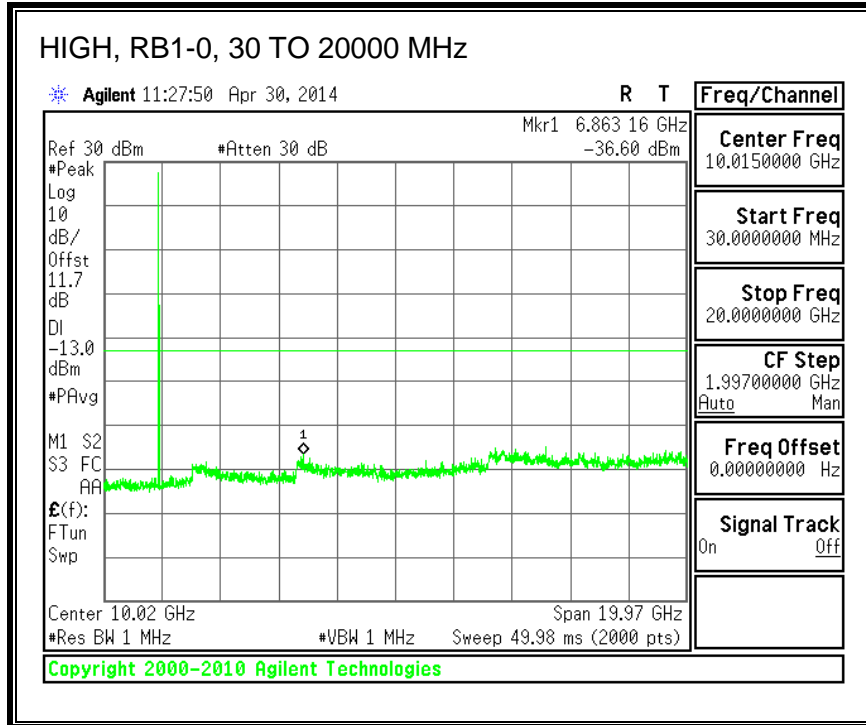
16QAM, (1.4 MHz BAND WIDTH)



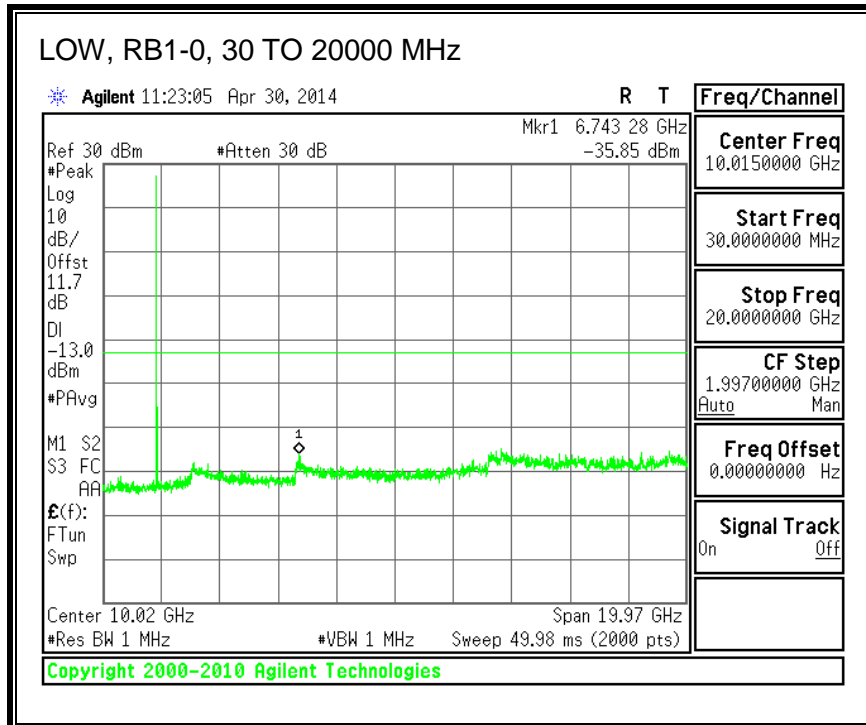


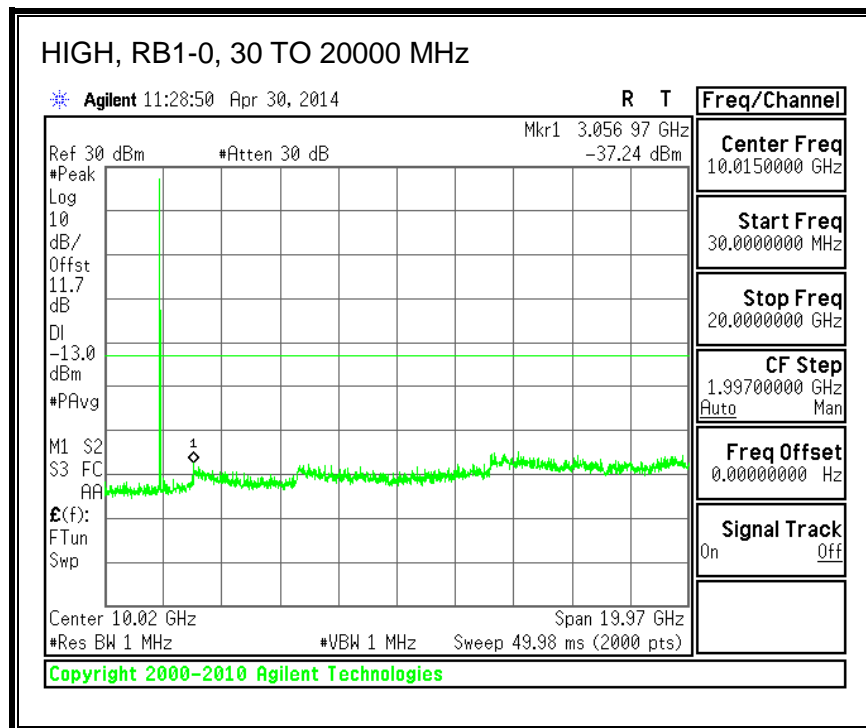
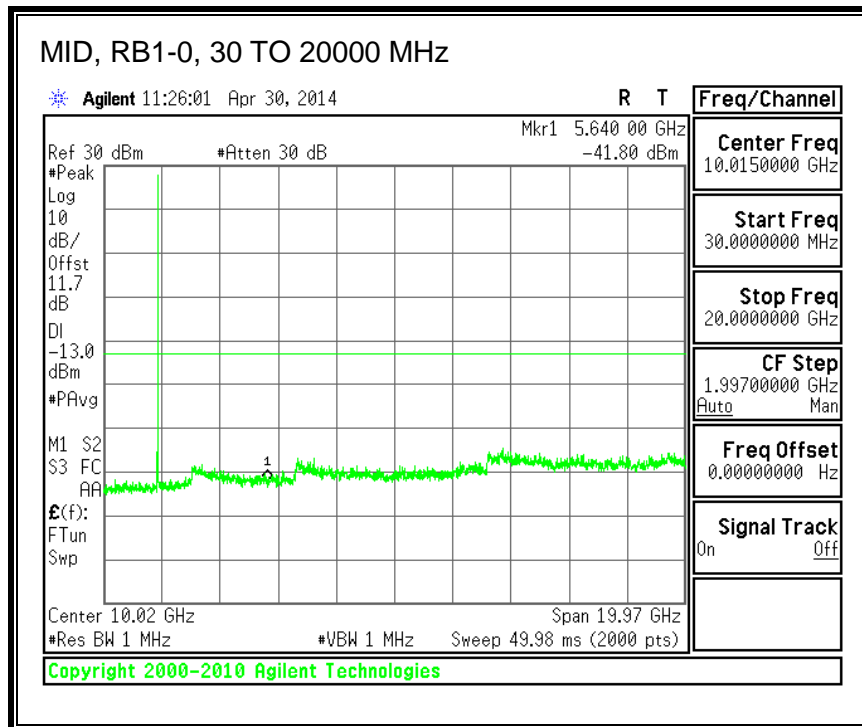
QPSK, (3.0 MHz BAND WIDTH)



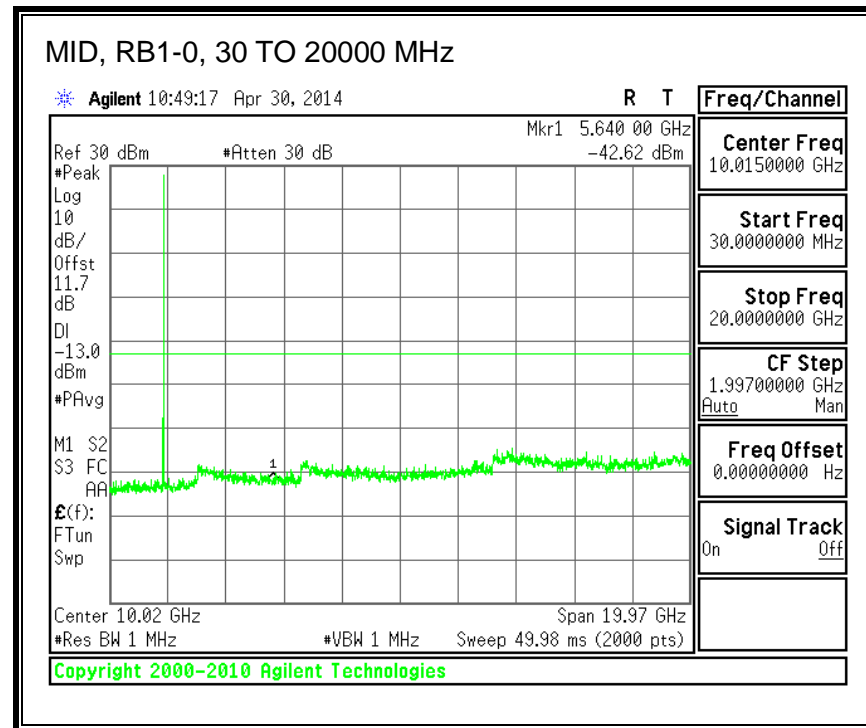
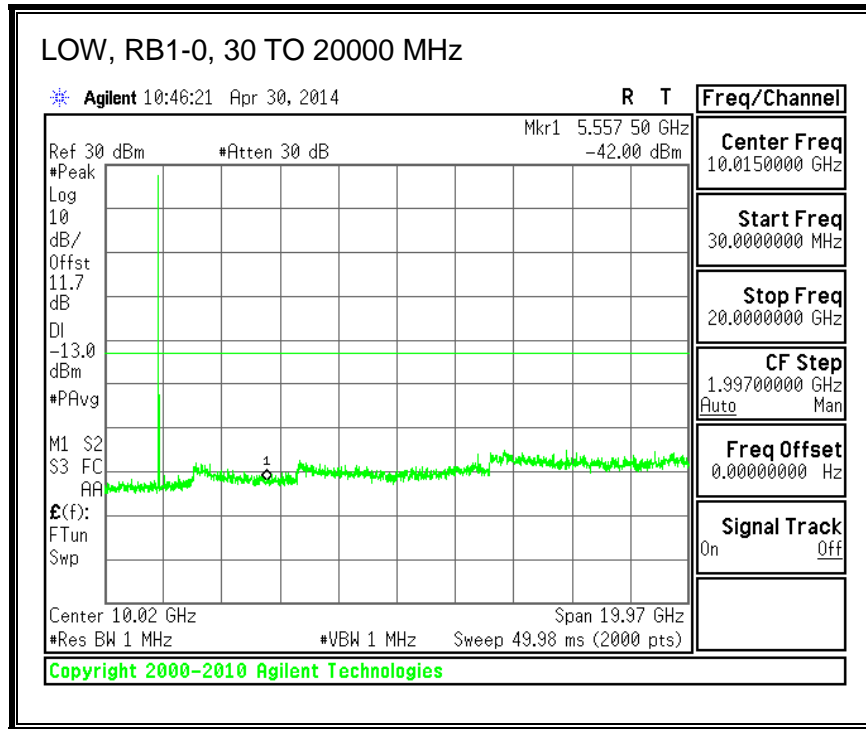


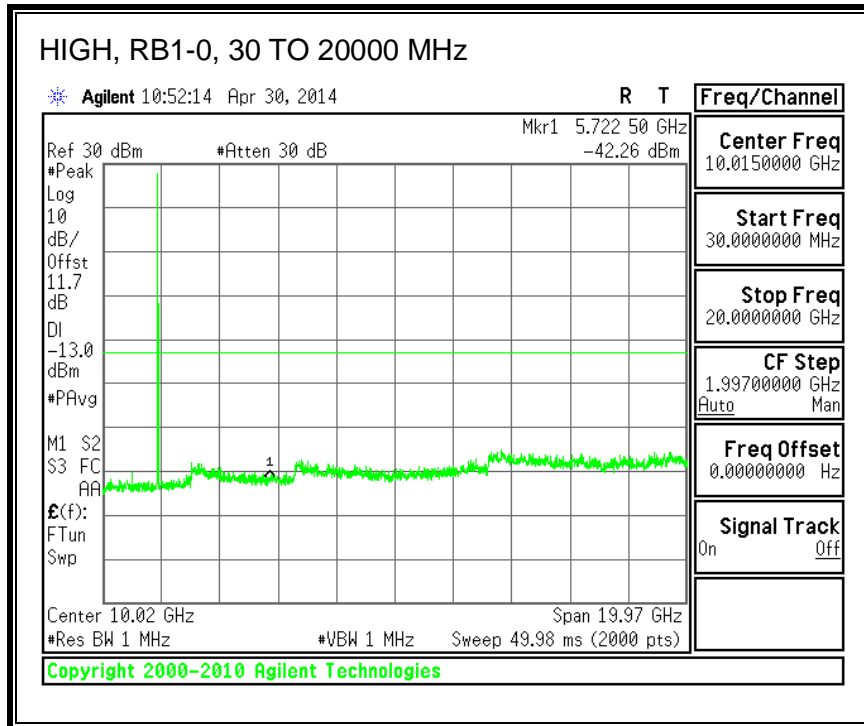
16QAM, (3.0 MHz BAND WIDTH)



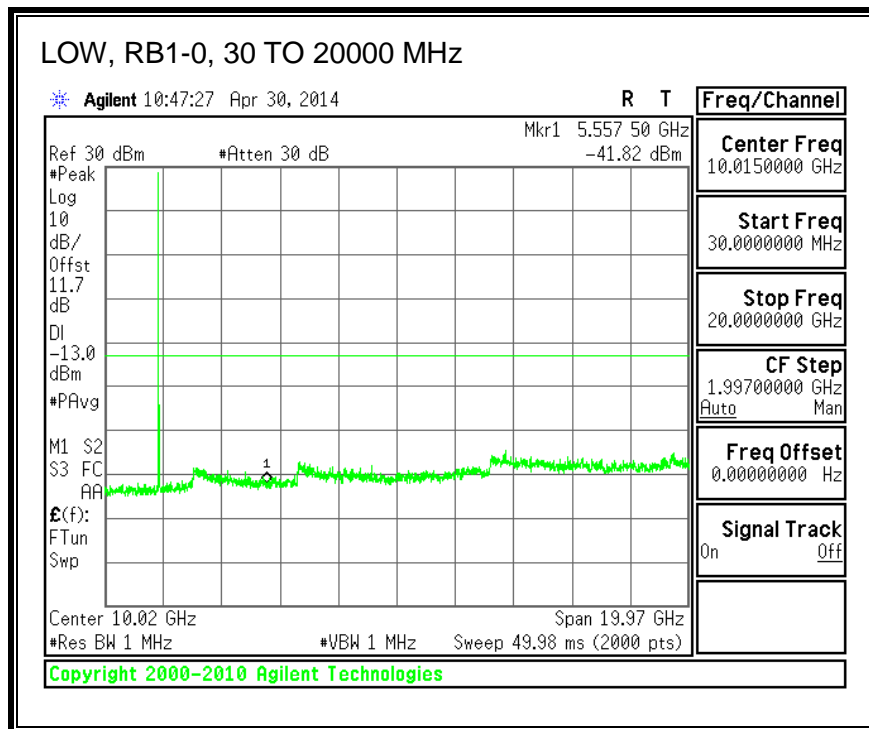


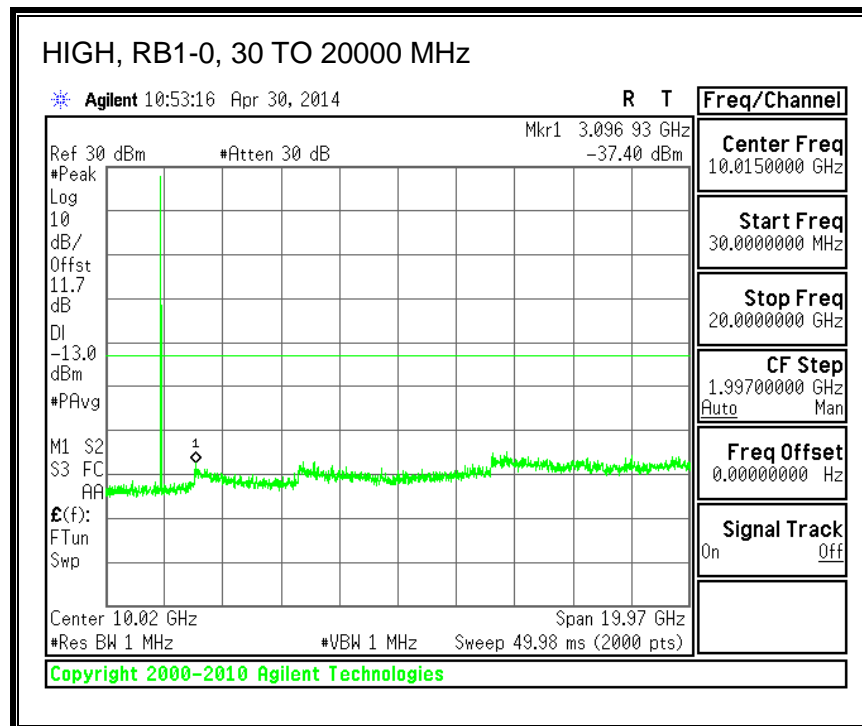
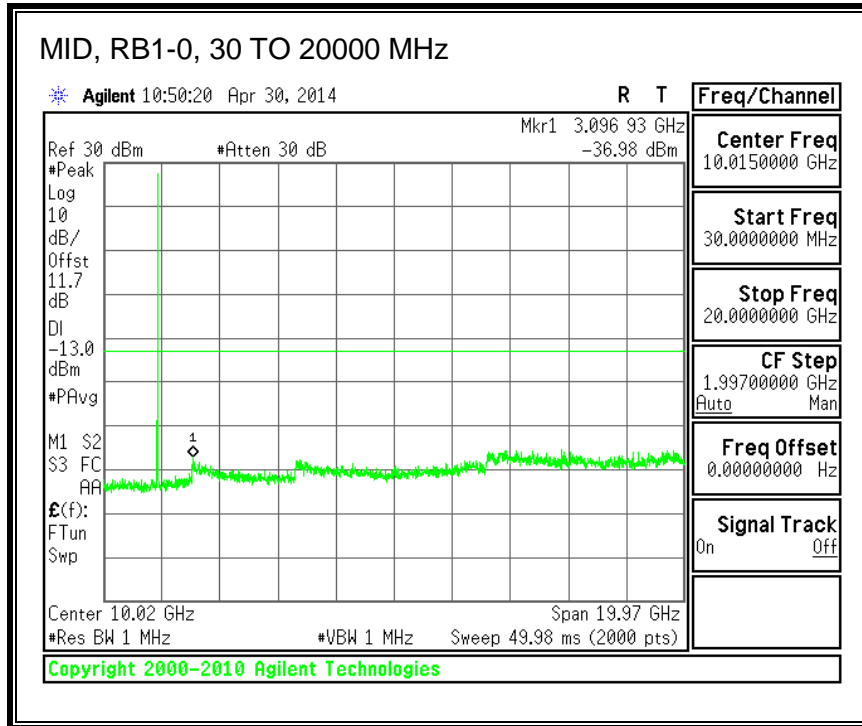
QPSK, (5.0 MHz BAND WIDTH)



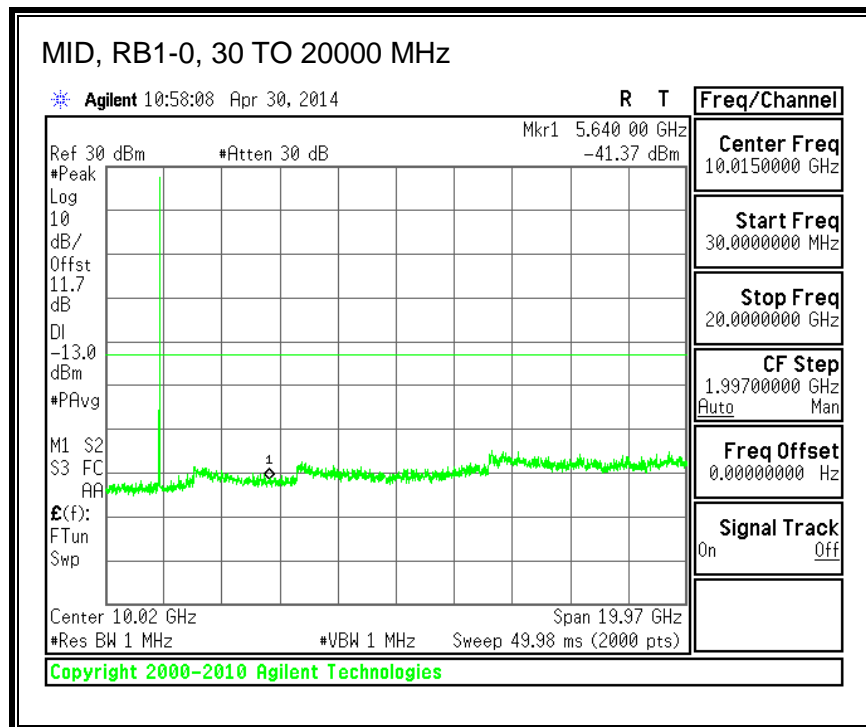
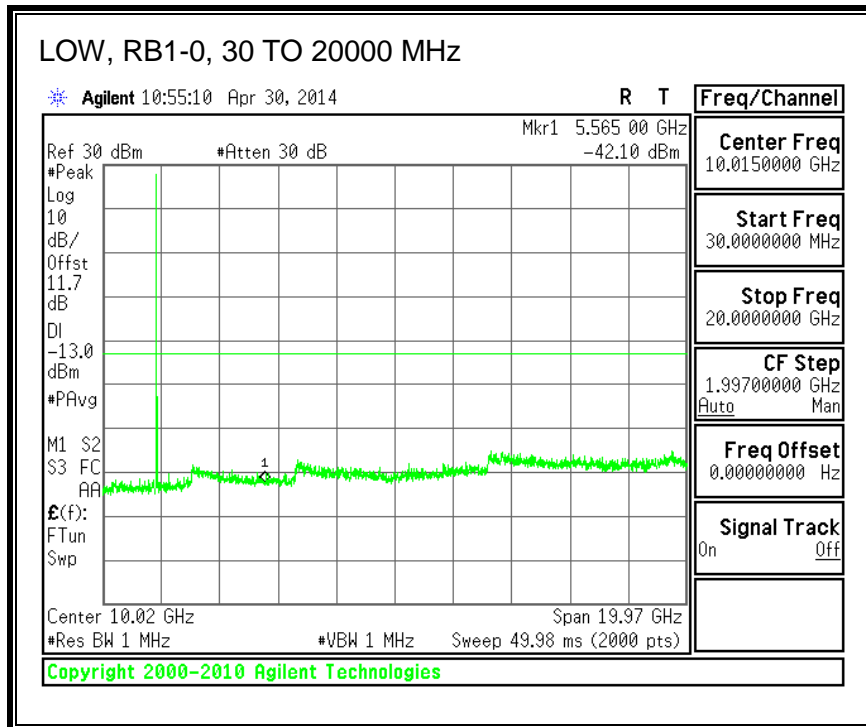


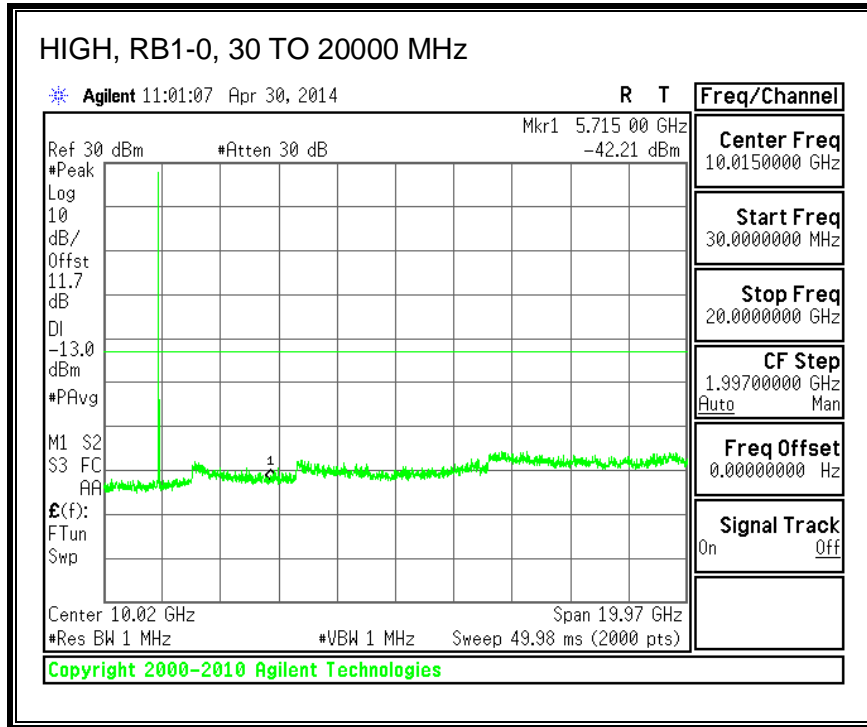
16QAM, (5.0 MHz BAND WIDTH)



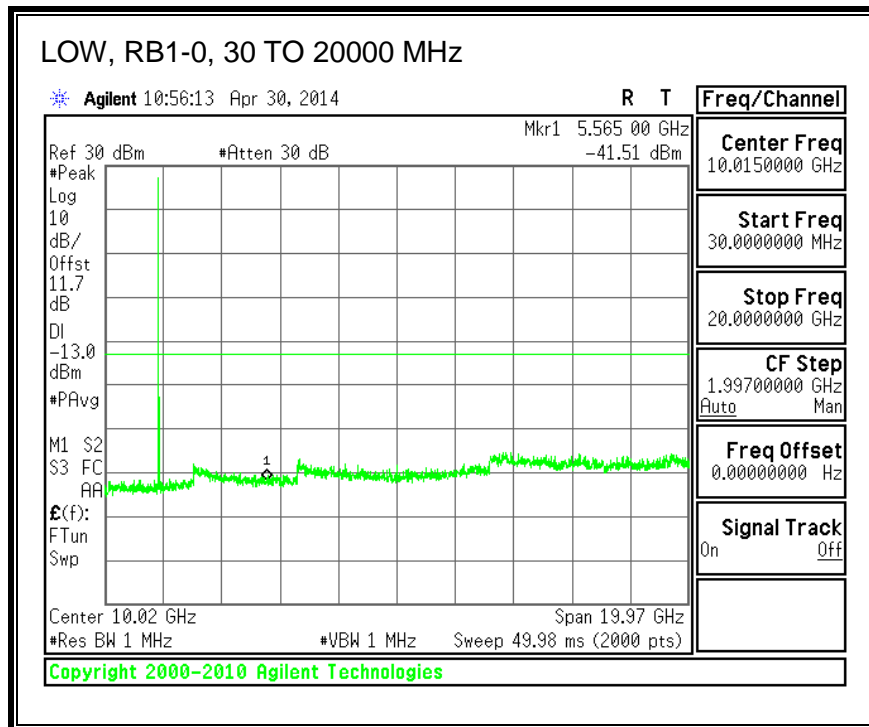


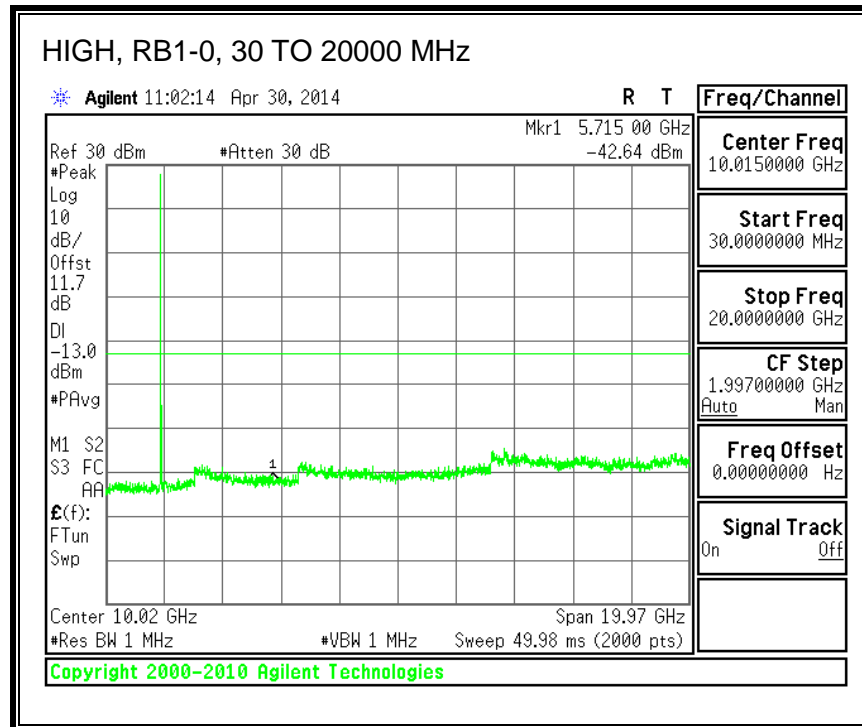
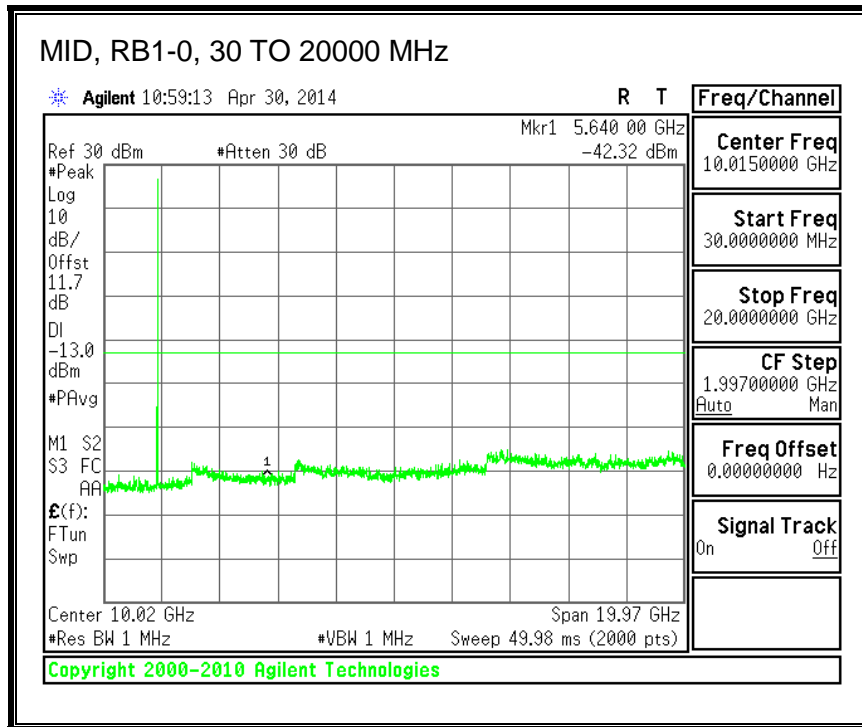
QPSK, (10.0 MHz BAND WIDTH)





16QAM, (10.0 MHz BAND WIDTH)





QPSK, (15.0 MHz BAND WIDTH)

