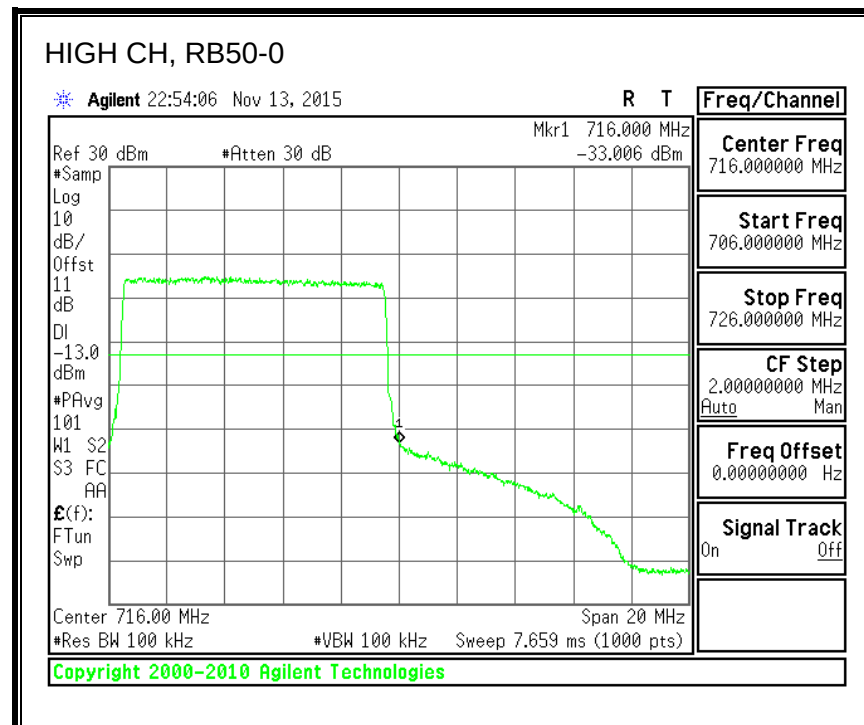
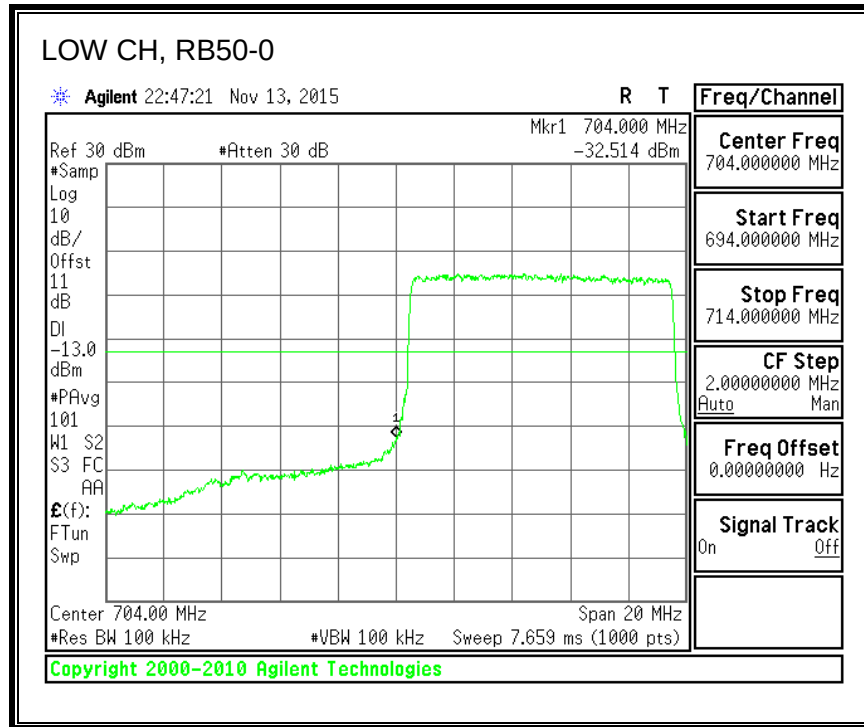
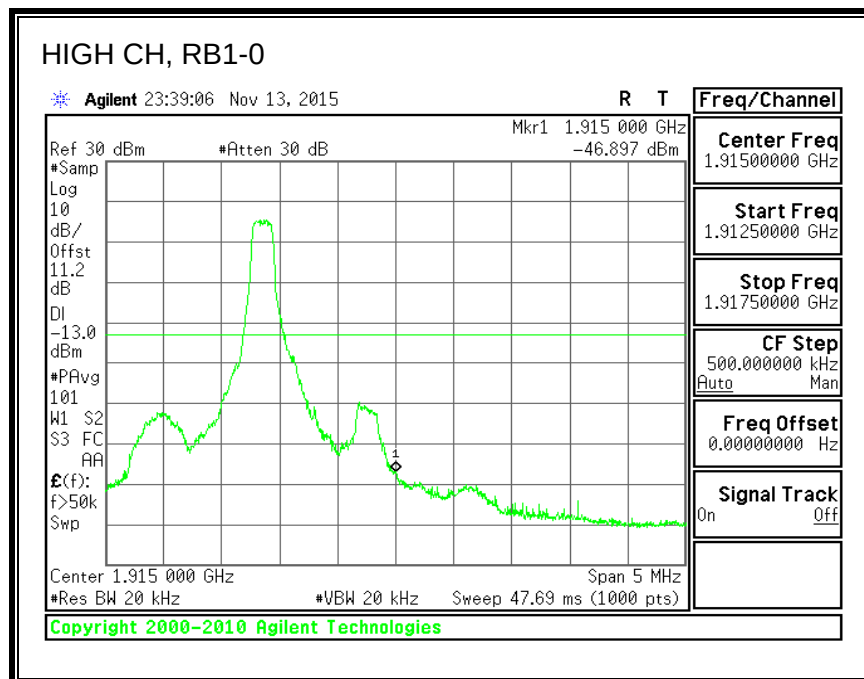
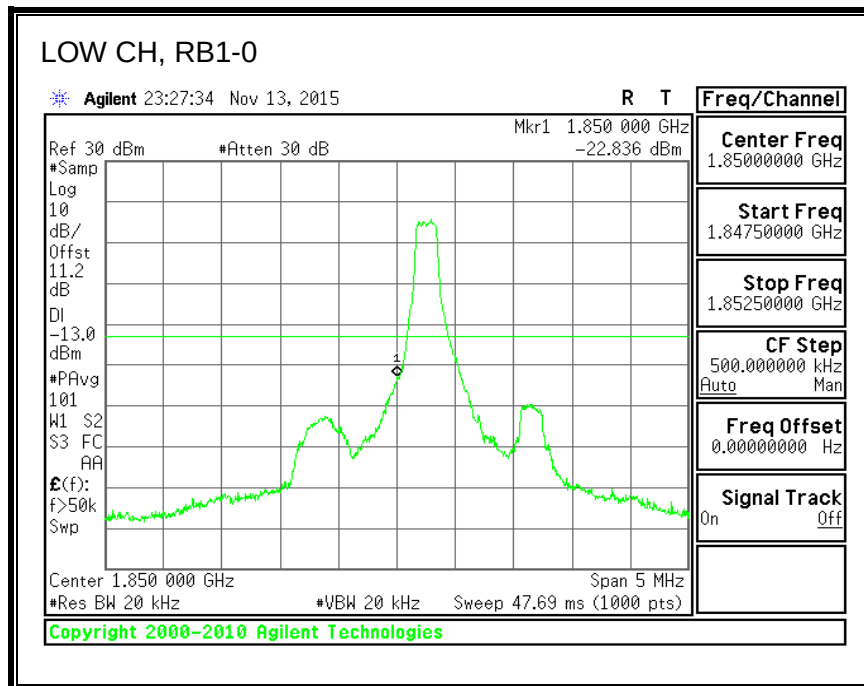
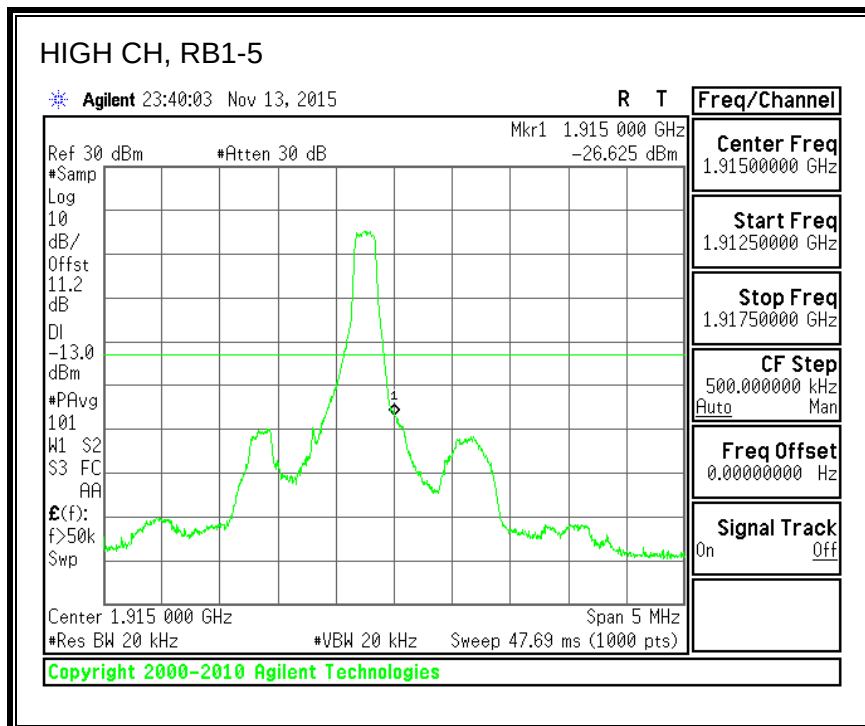
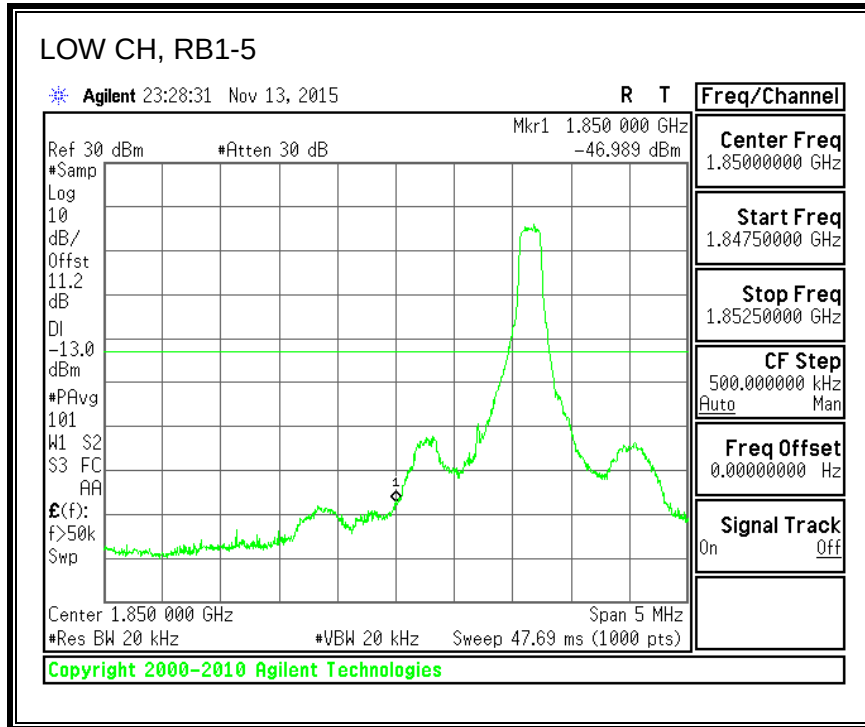


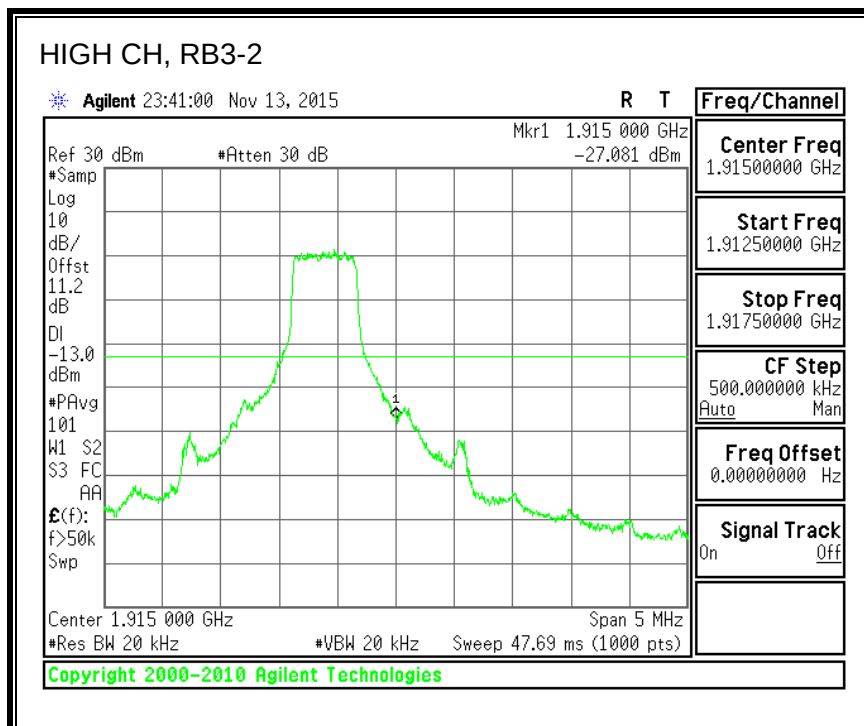
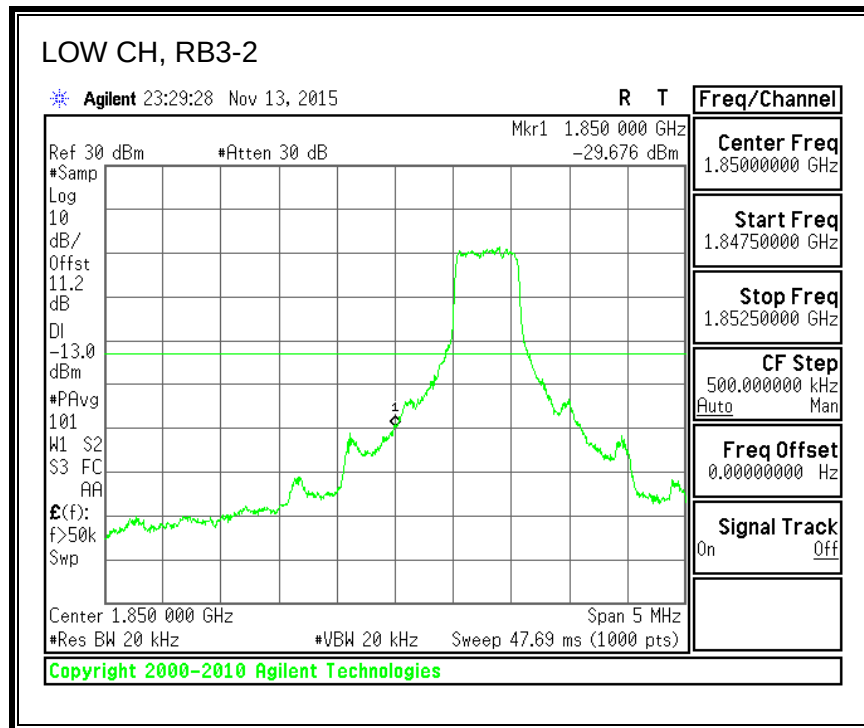


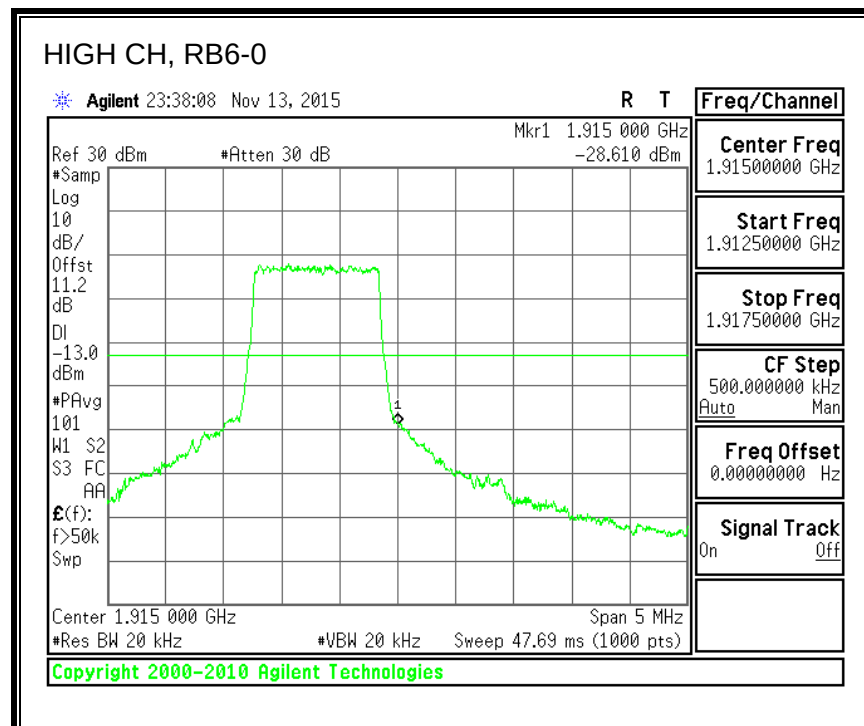
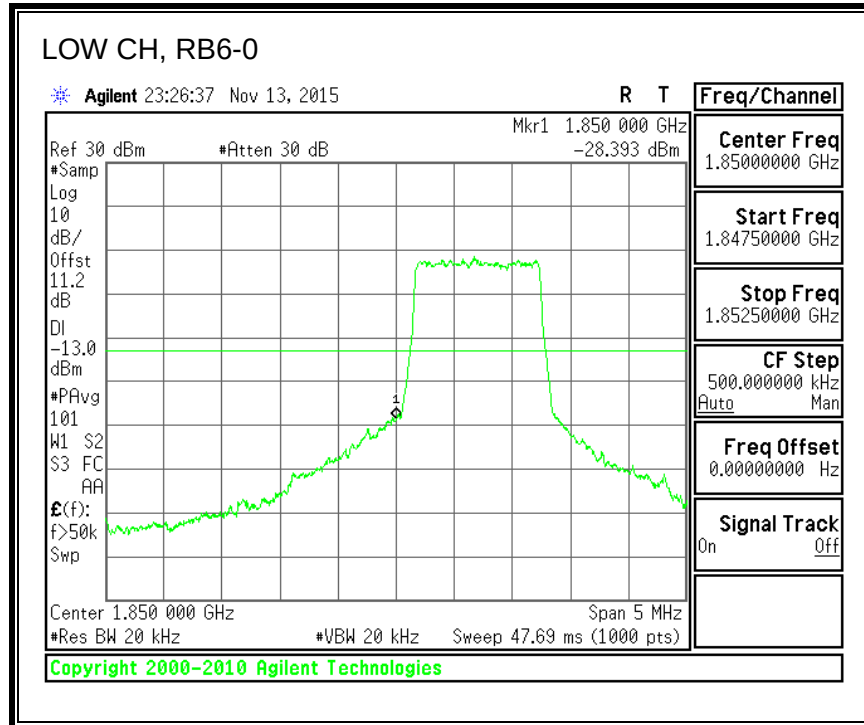
8.2.8. LTE BAND 25 BANDEDGE

QPSK, (1.4 MHz BAND WIDTH)

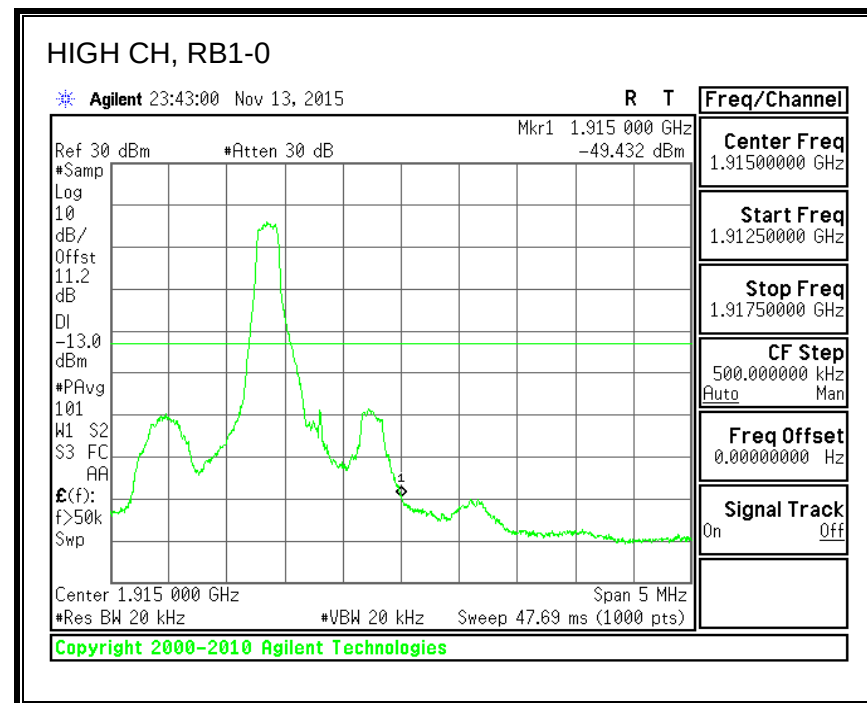
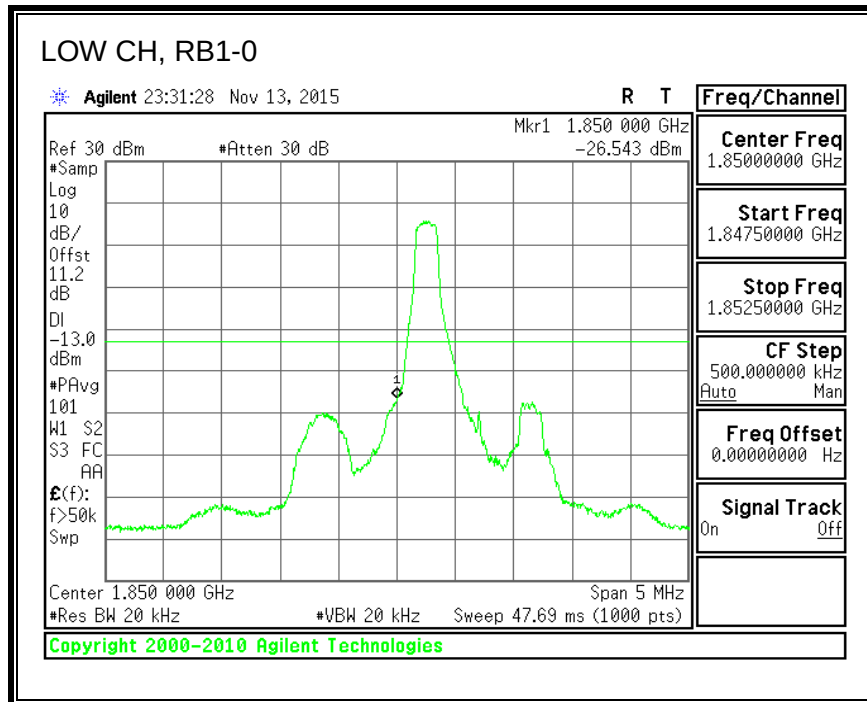


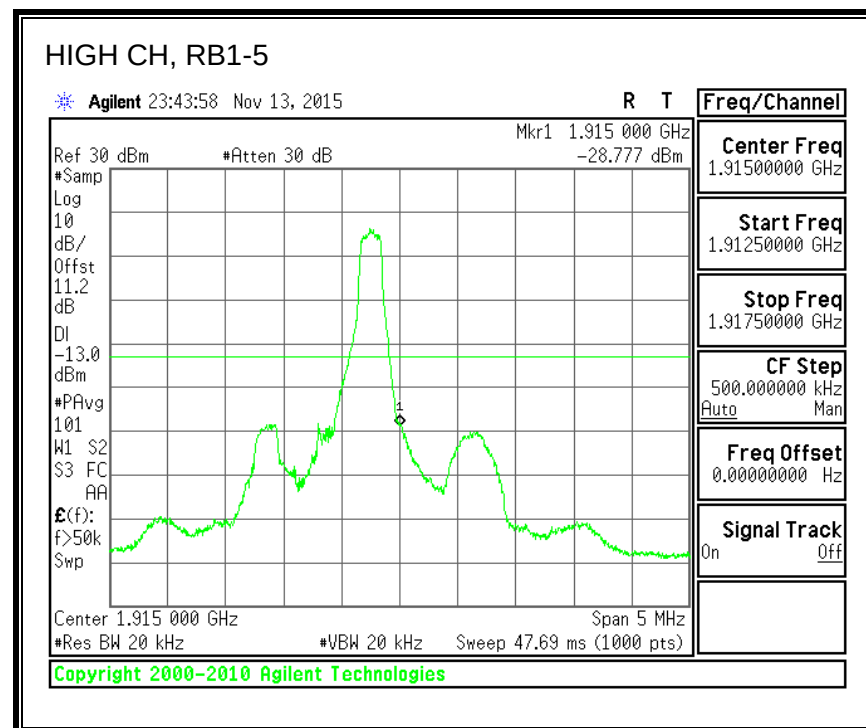
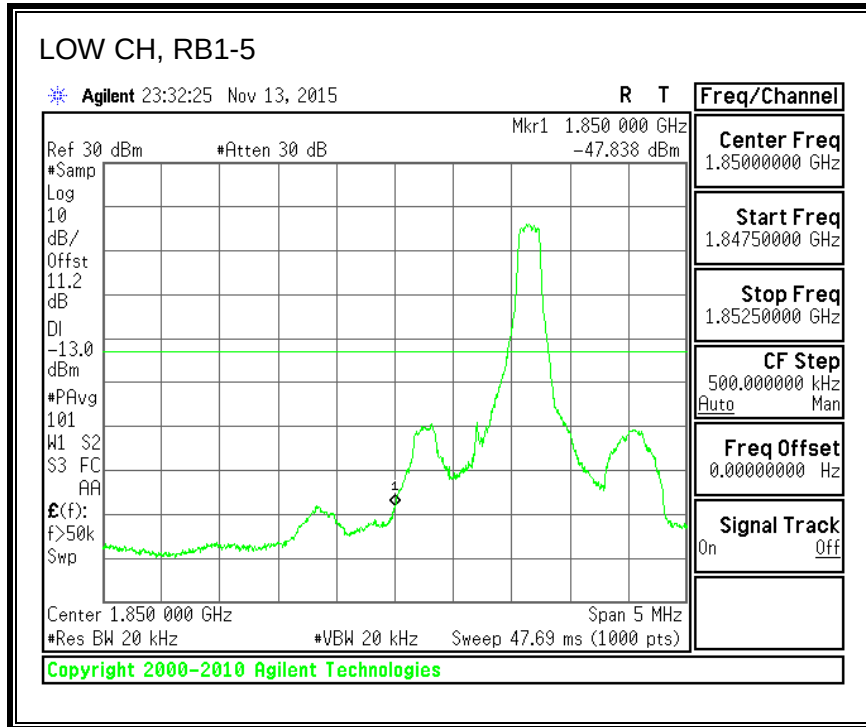


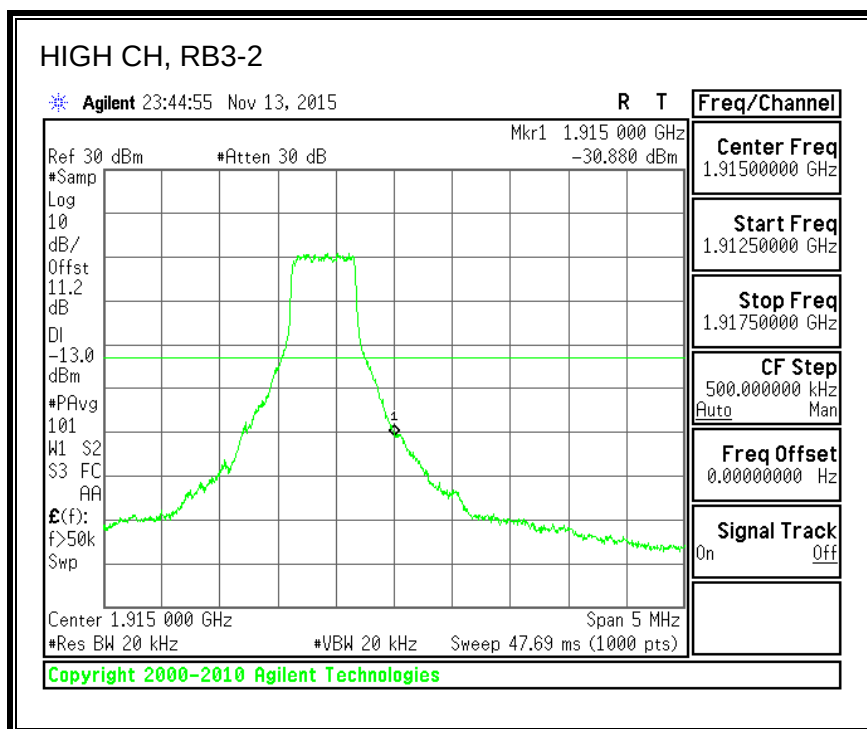
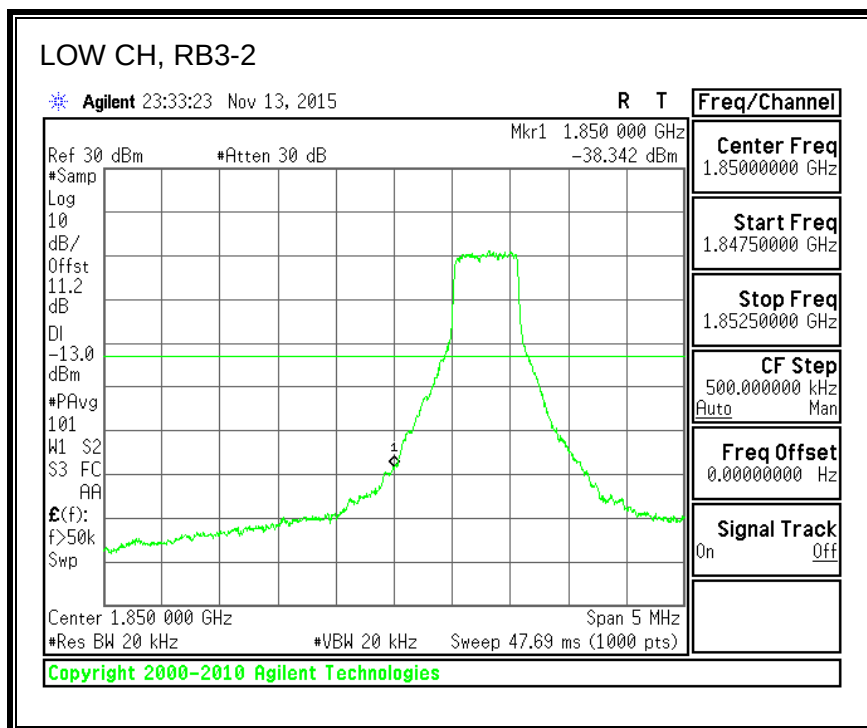


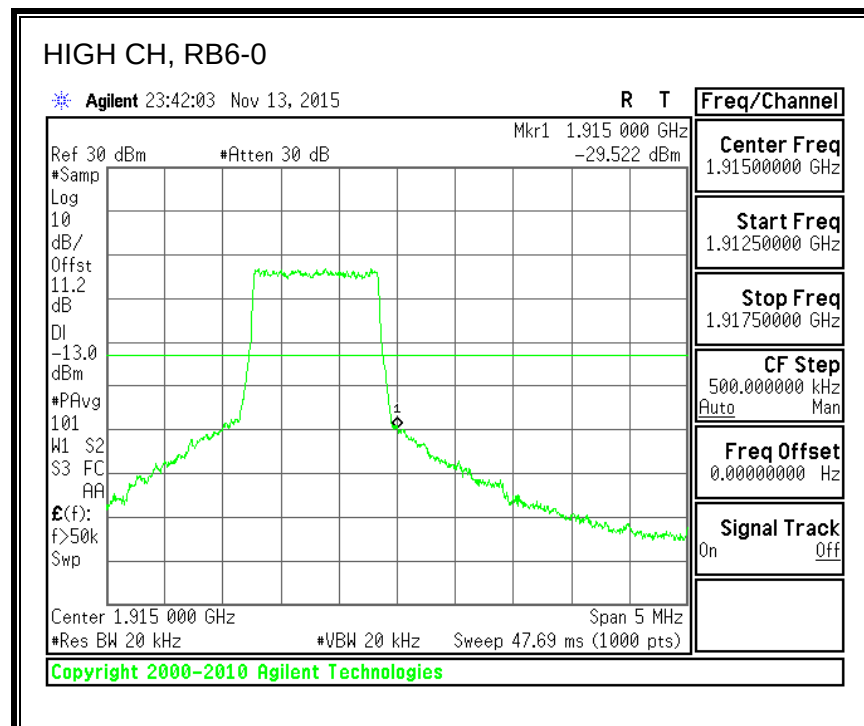
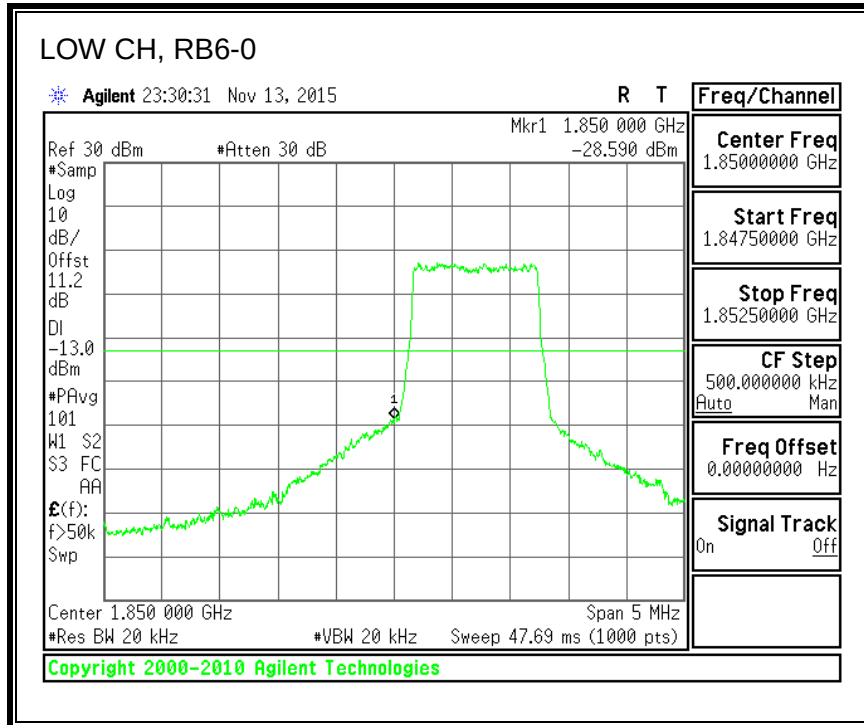


16QAM, (1.4 MHz BAND WIDTH)

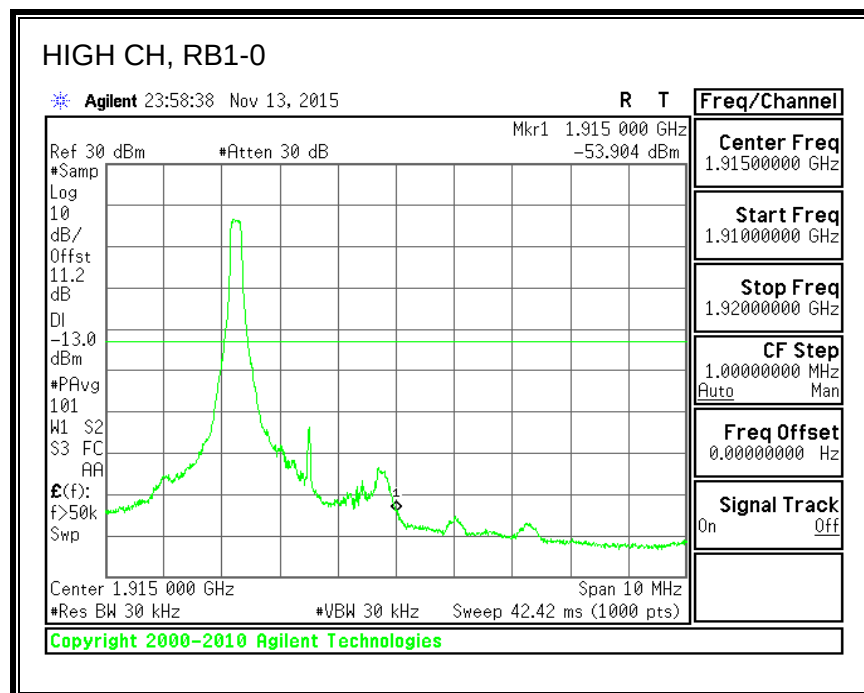
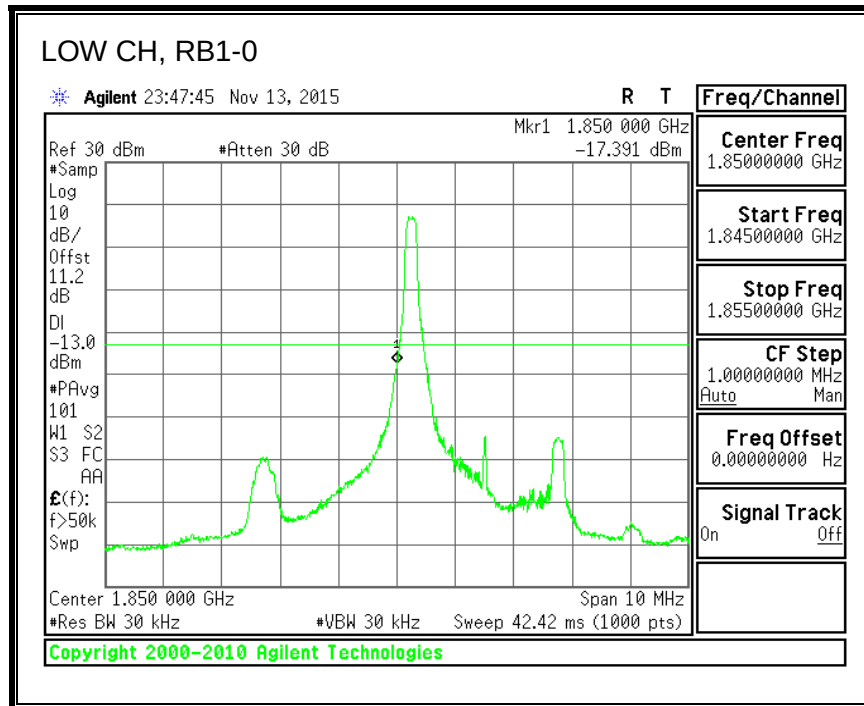


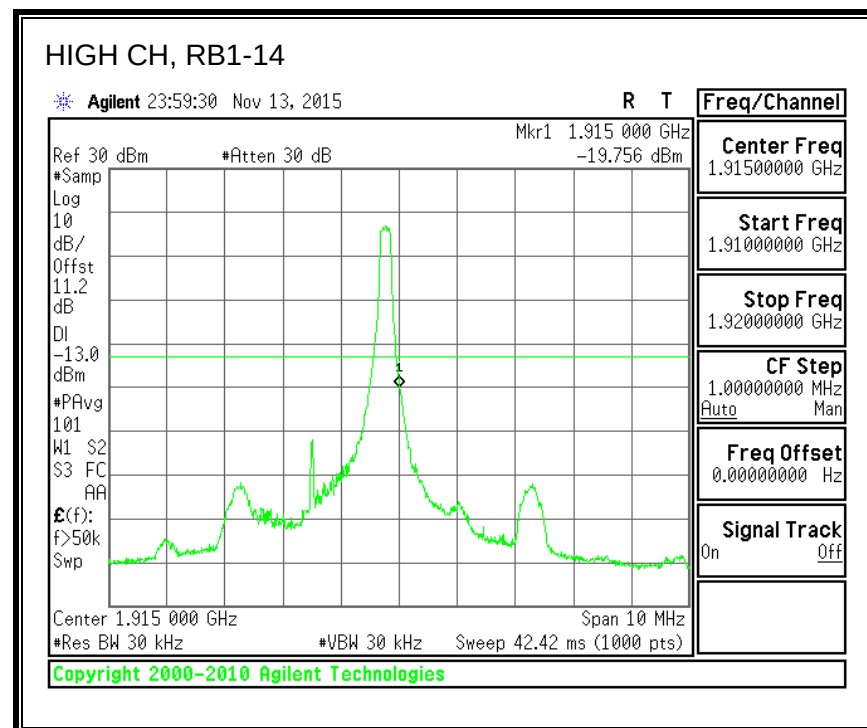
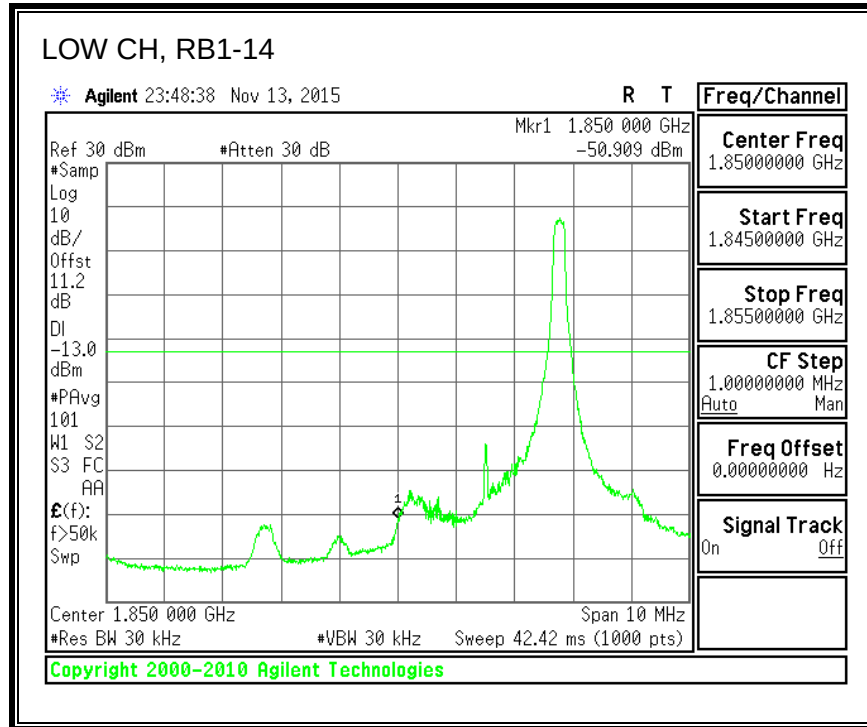


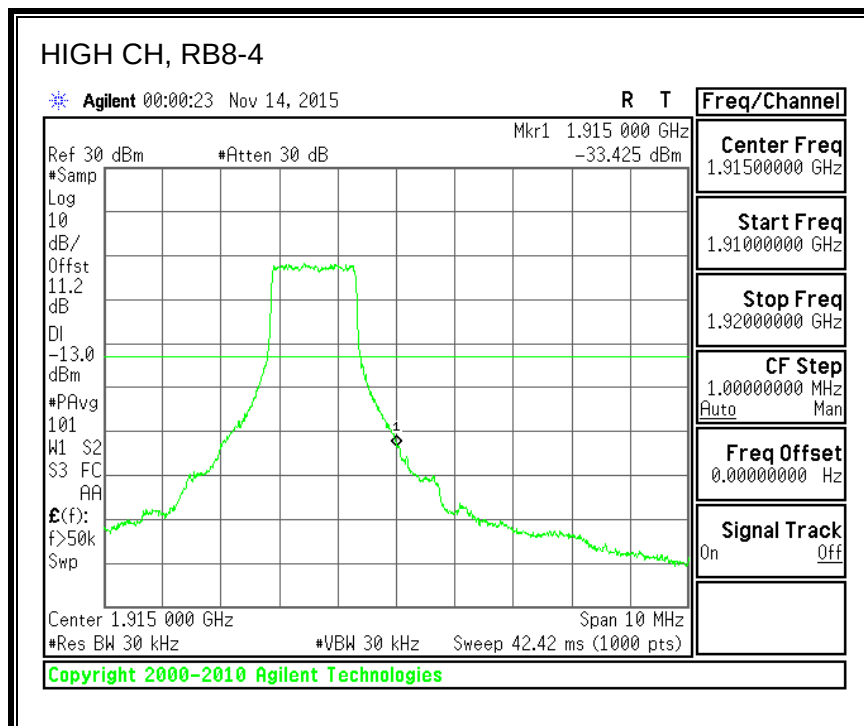
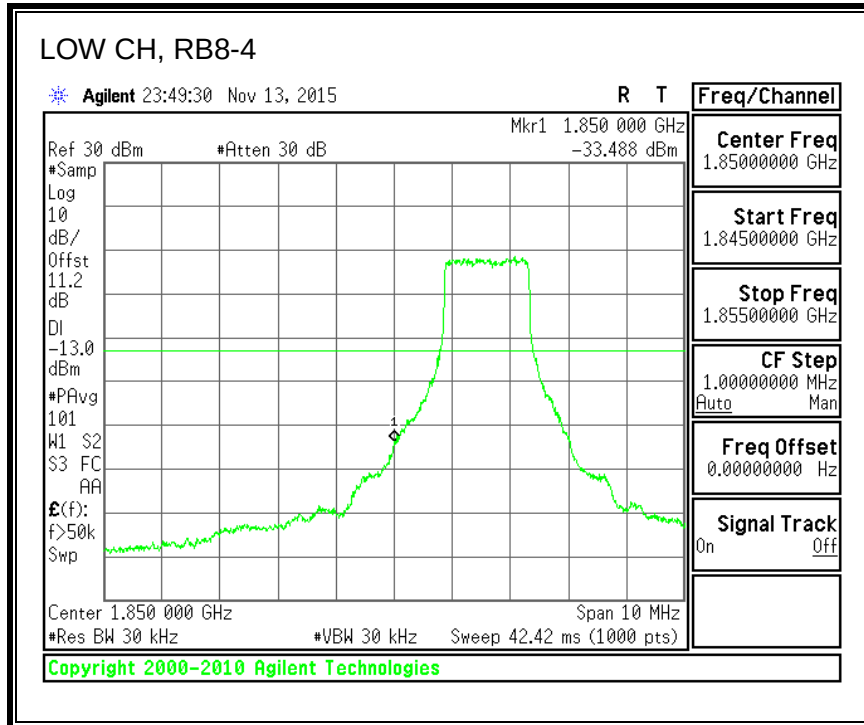


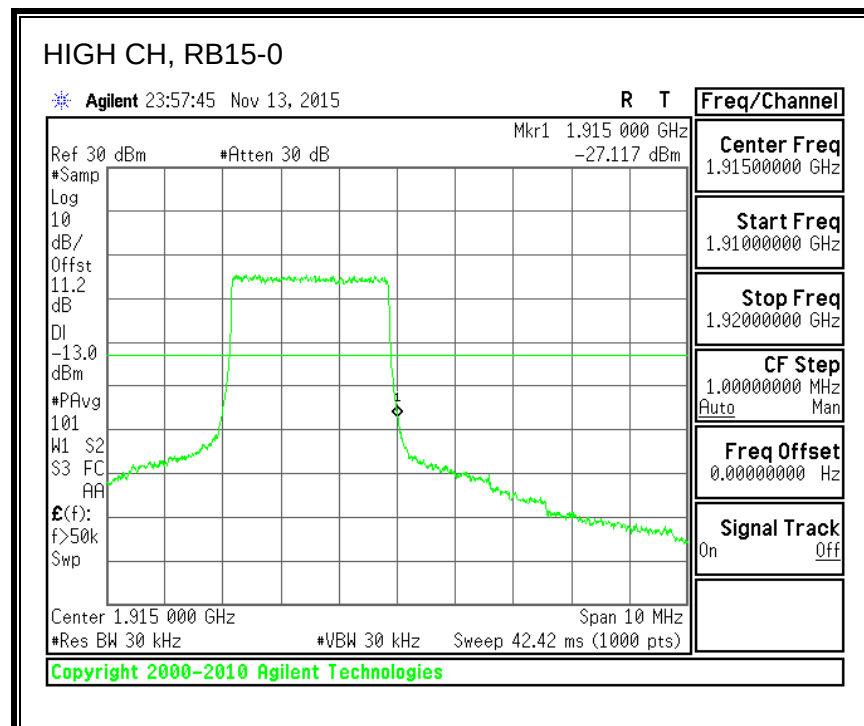
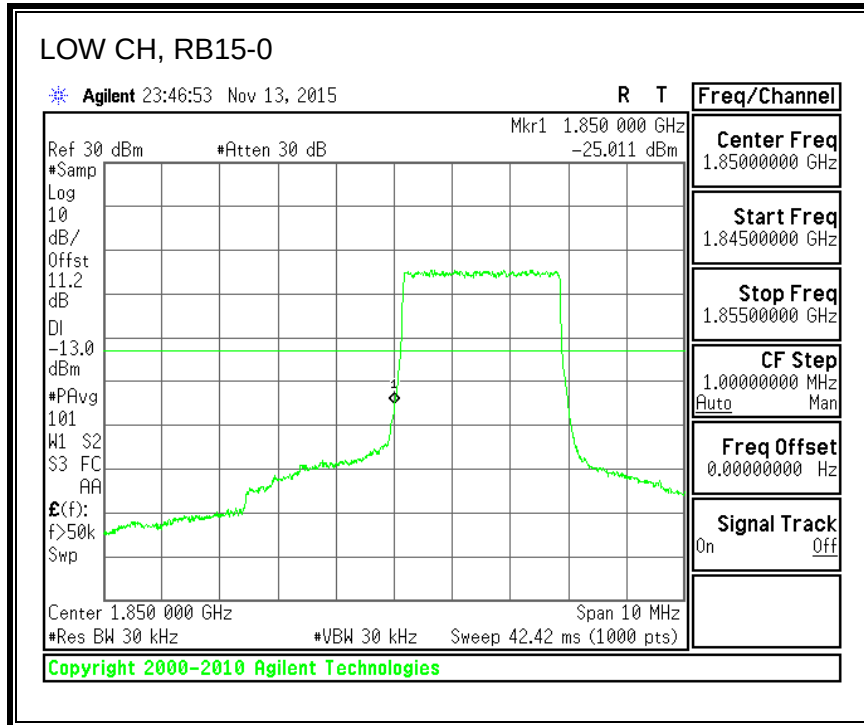


QPSK, (3.0 MHz BAND WIDTH)

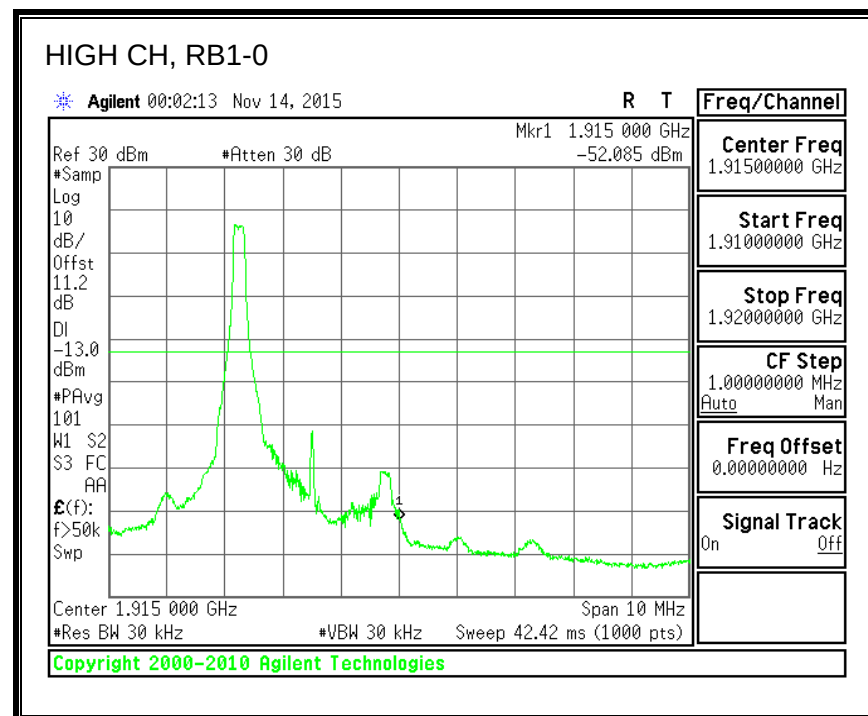
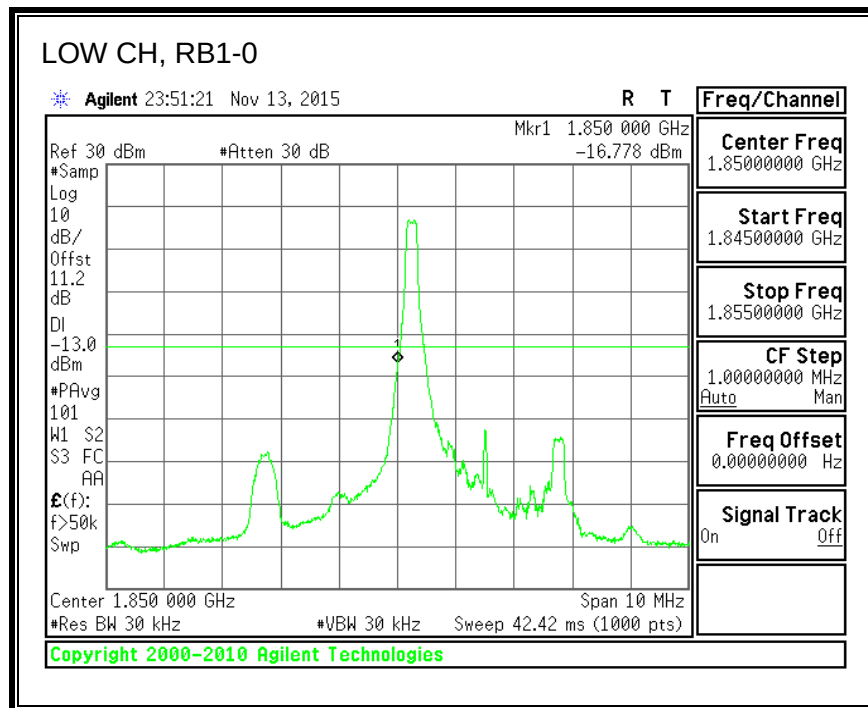


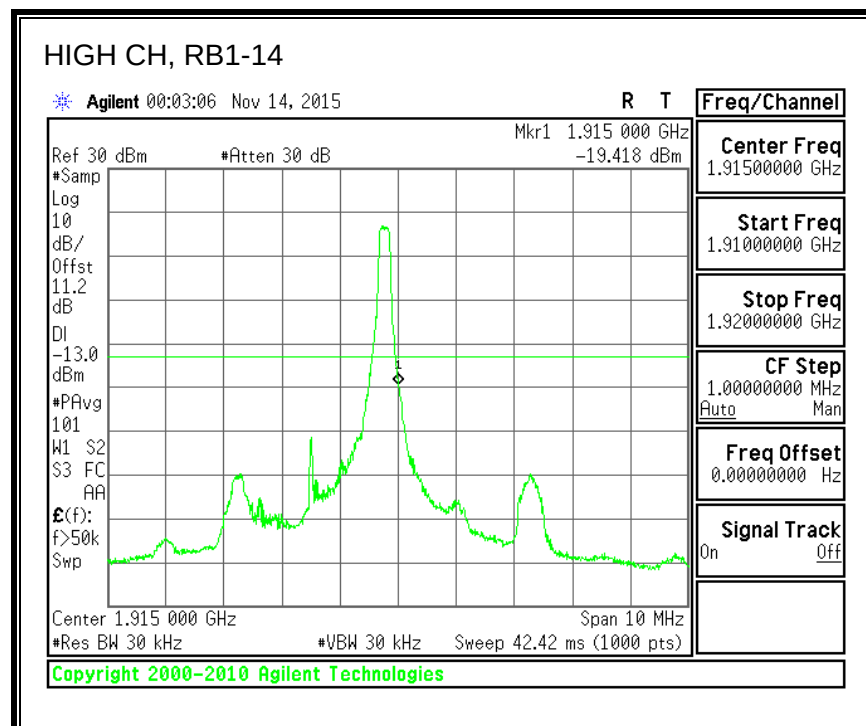
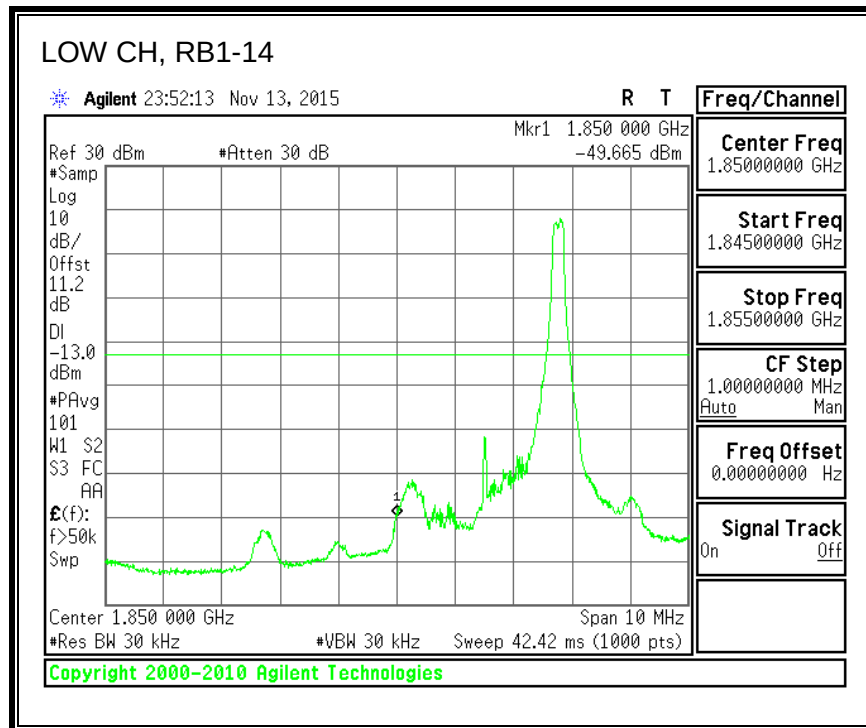


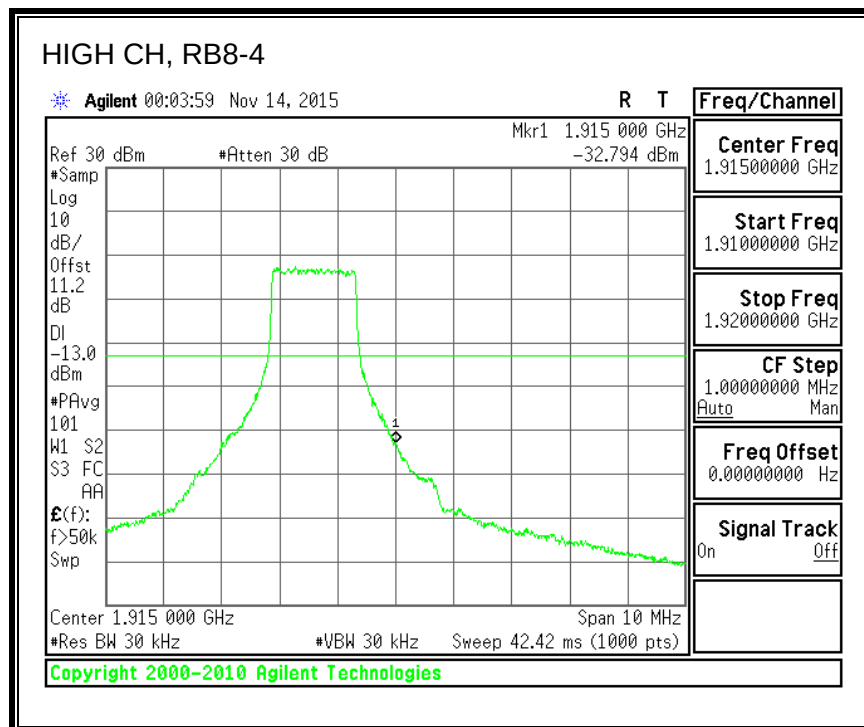
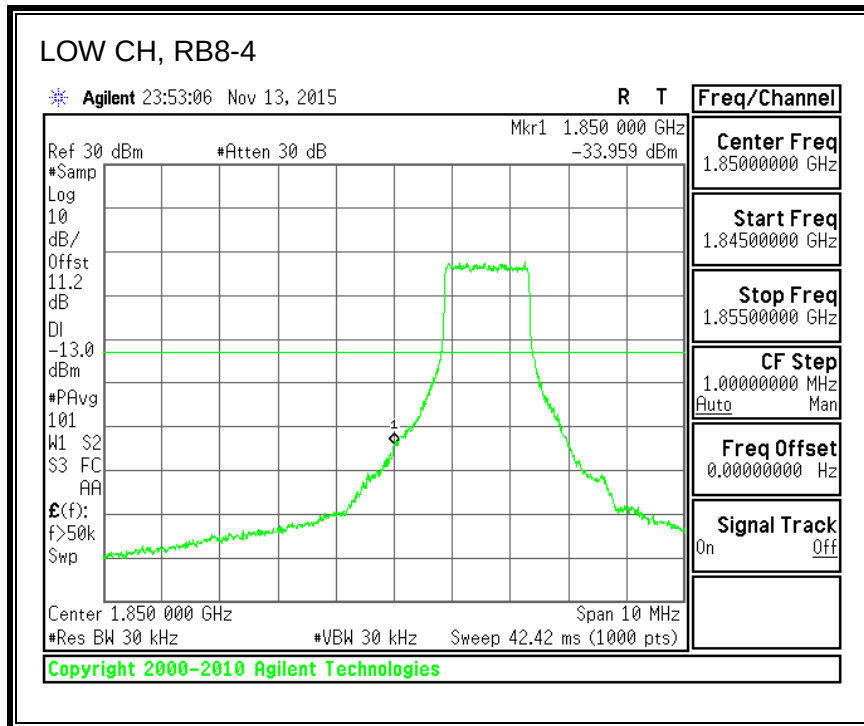


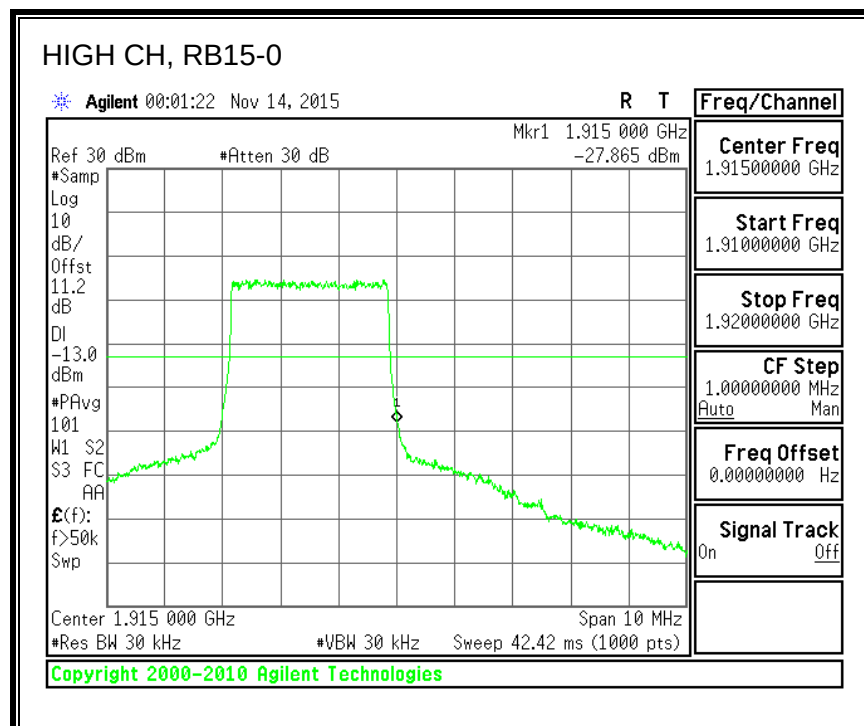
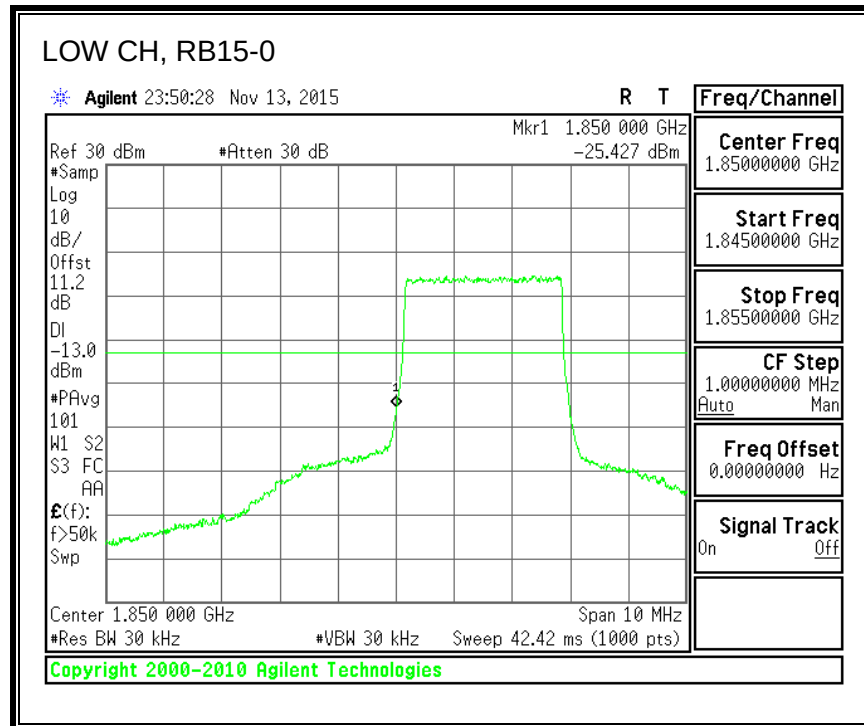


16QAM, (3.0 MHz BAND WIDTH)

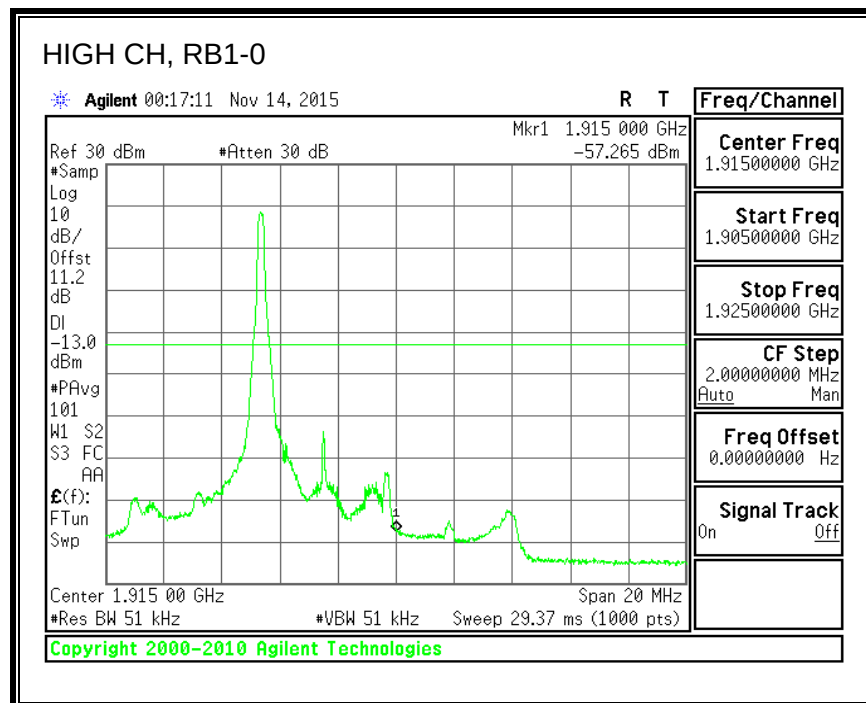
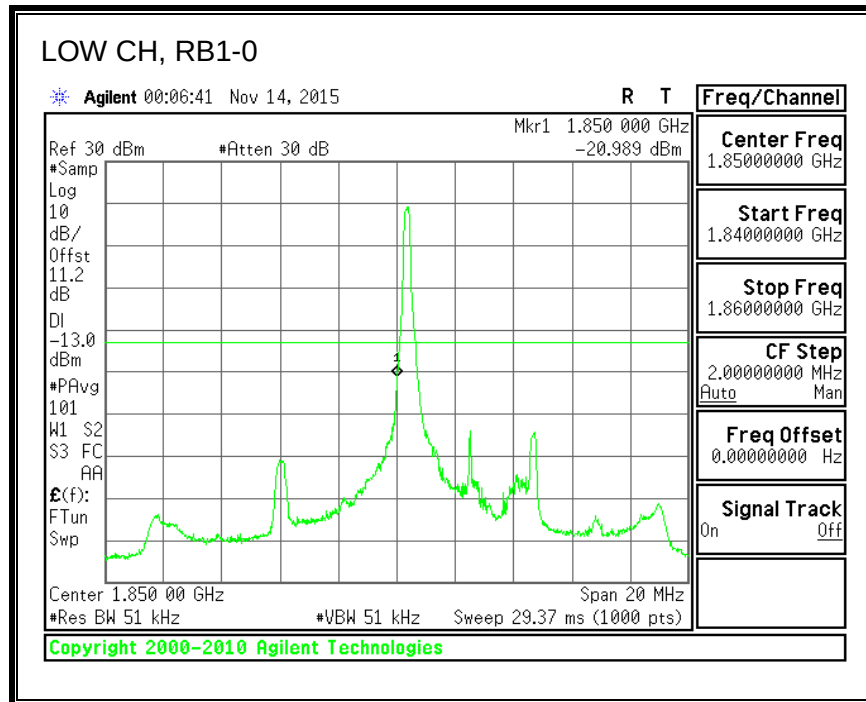


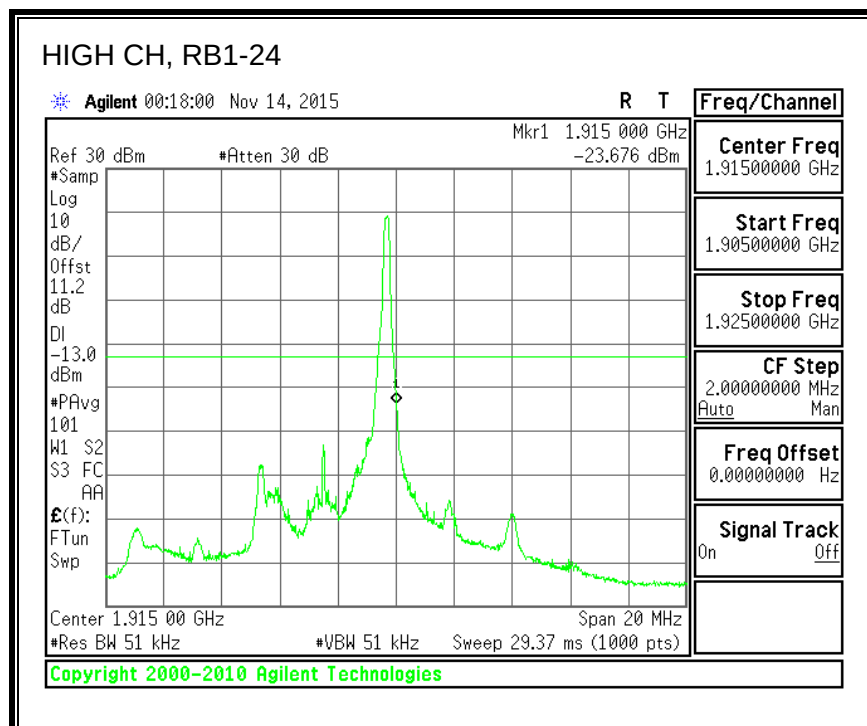
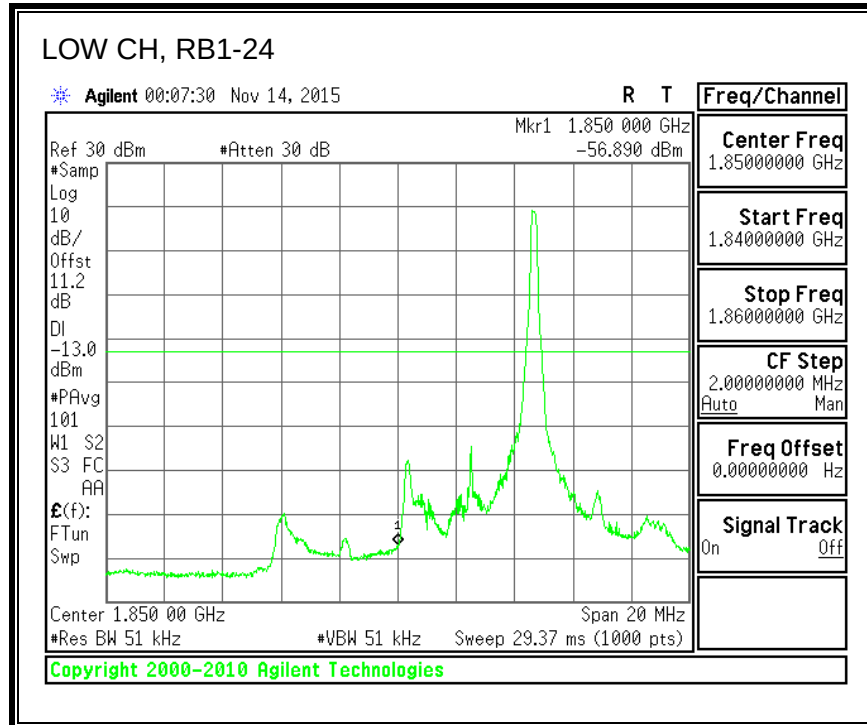


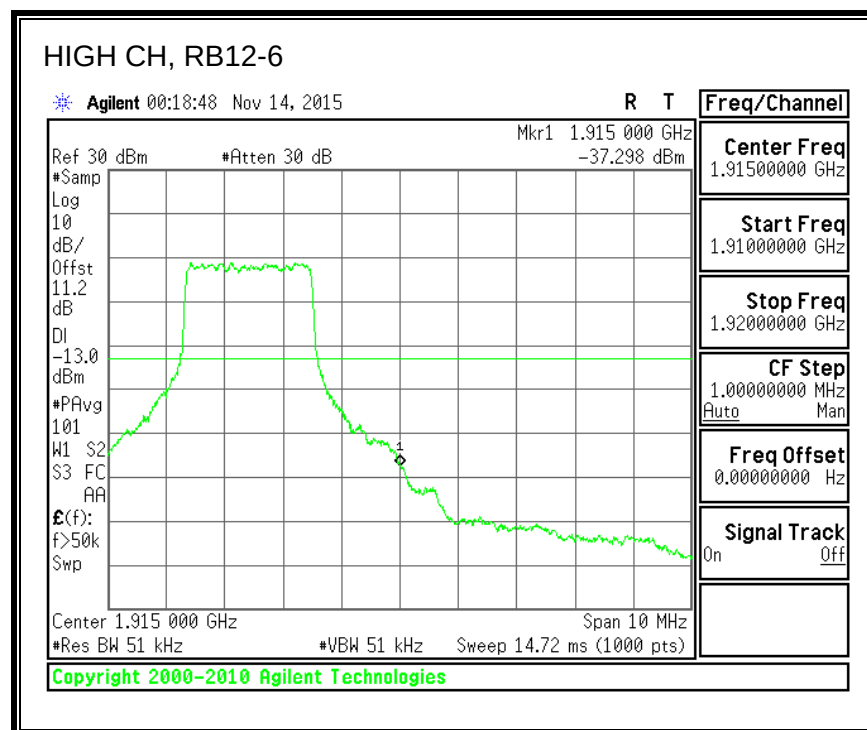
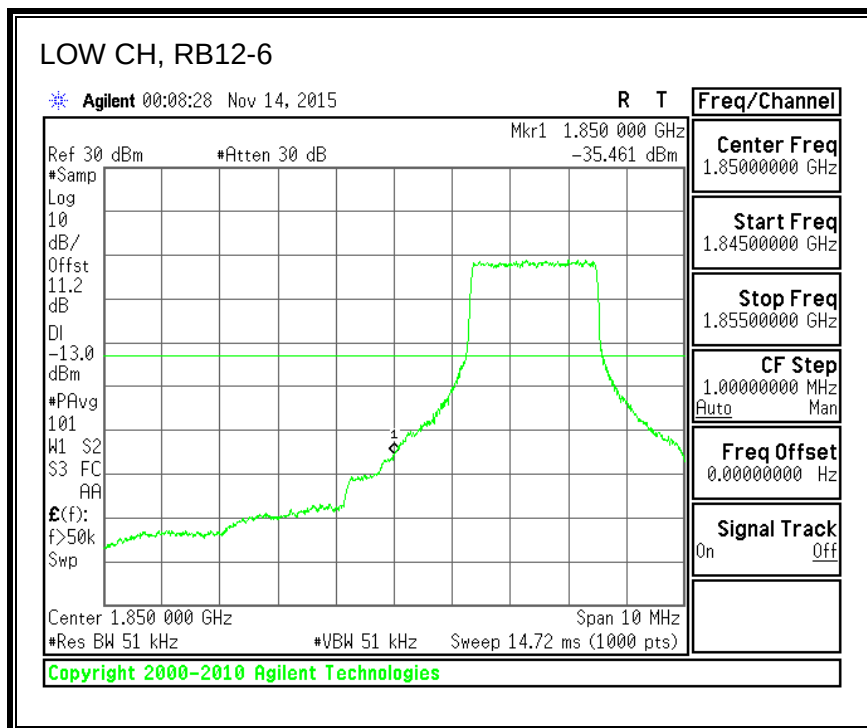


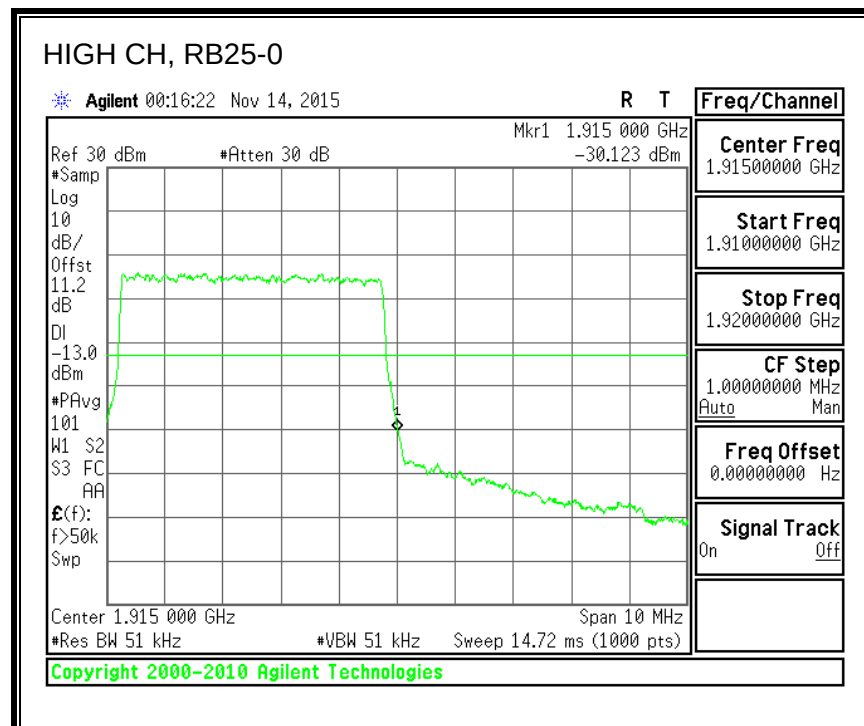
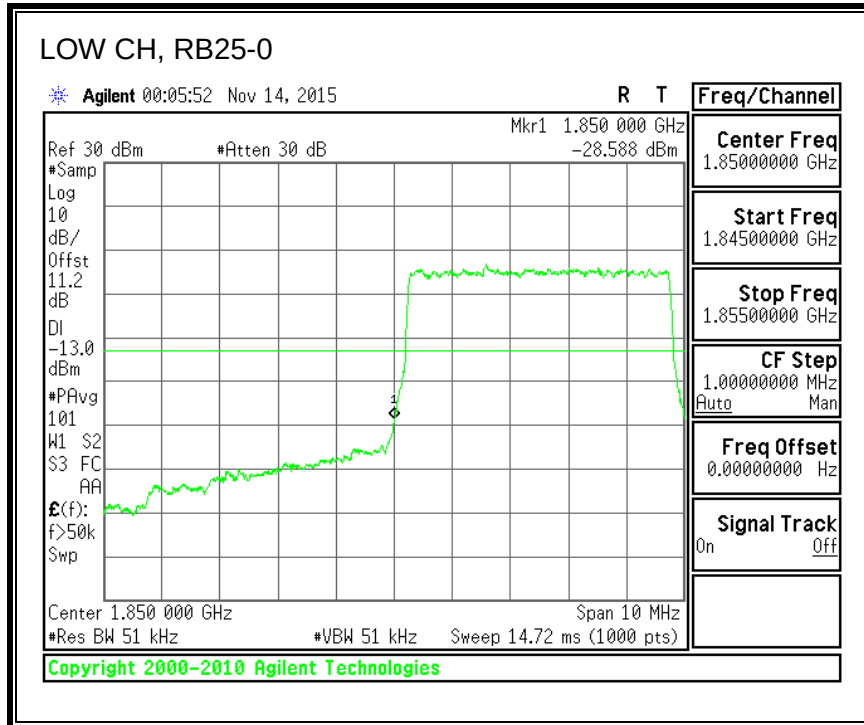


QPSK, (5.0 MHz BAND WIDTH)

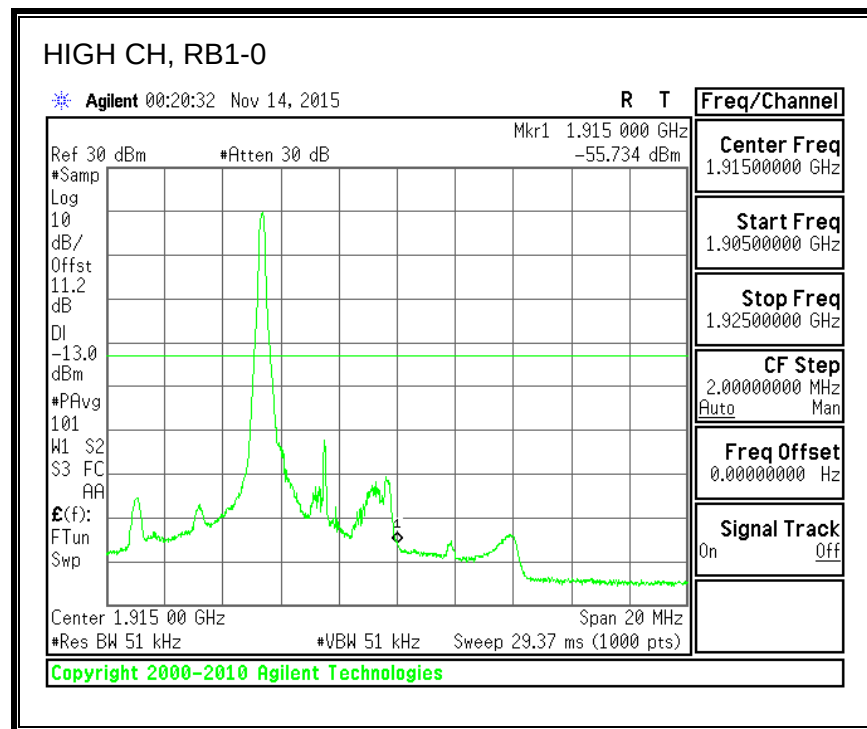
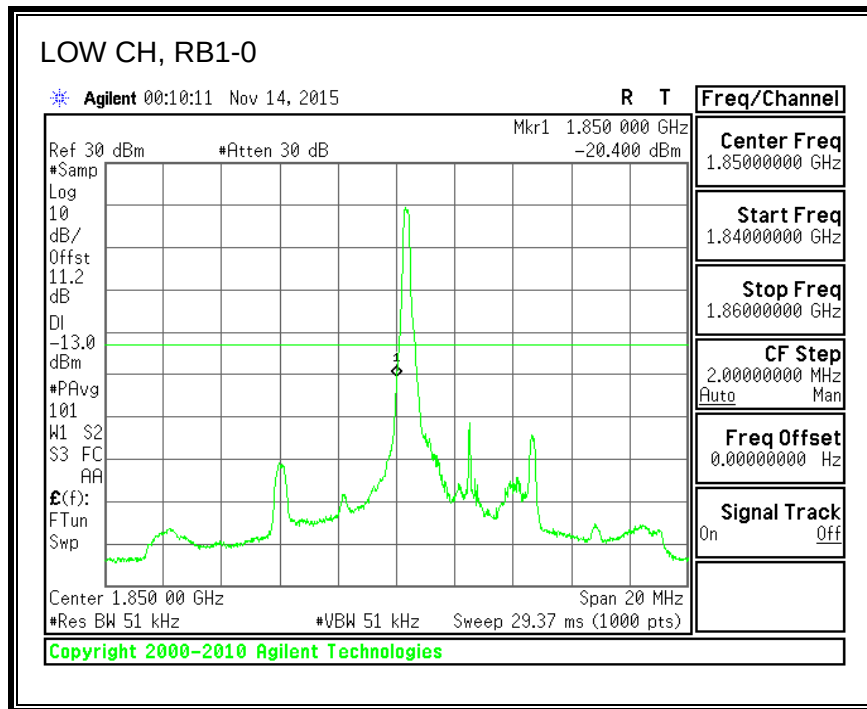


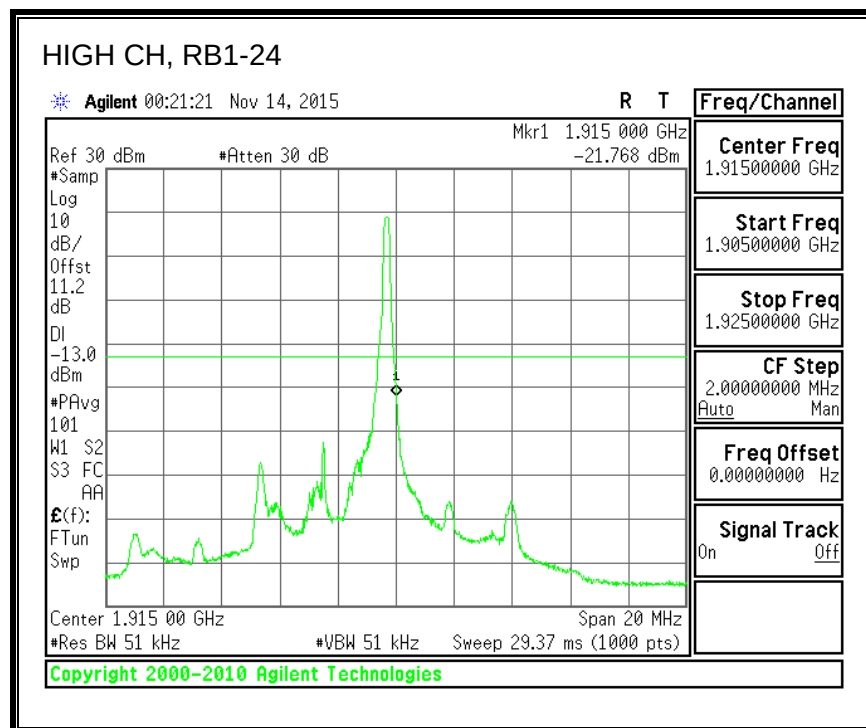
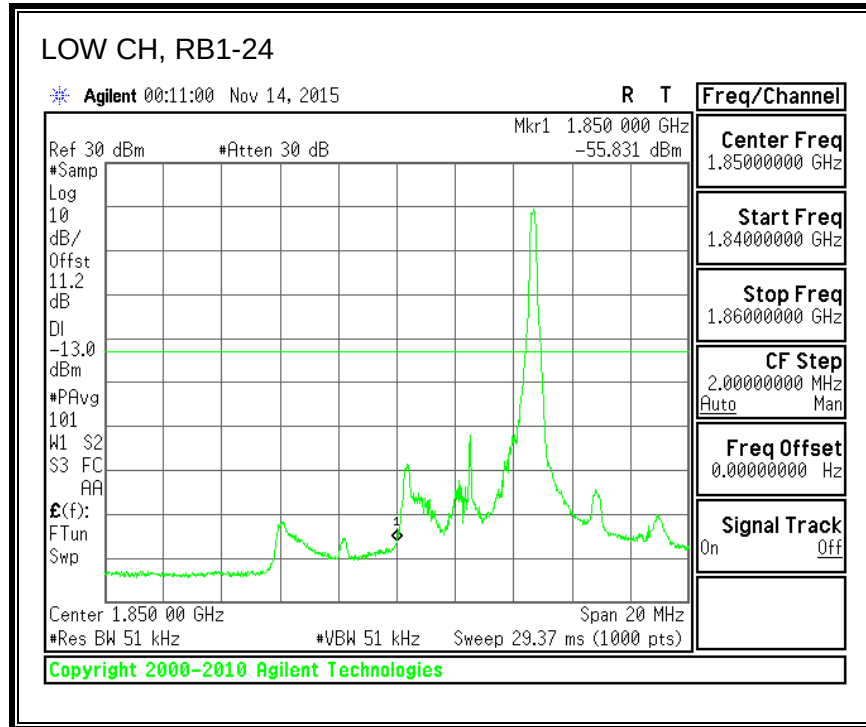


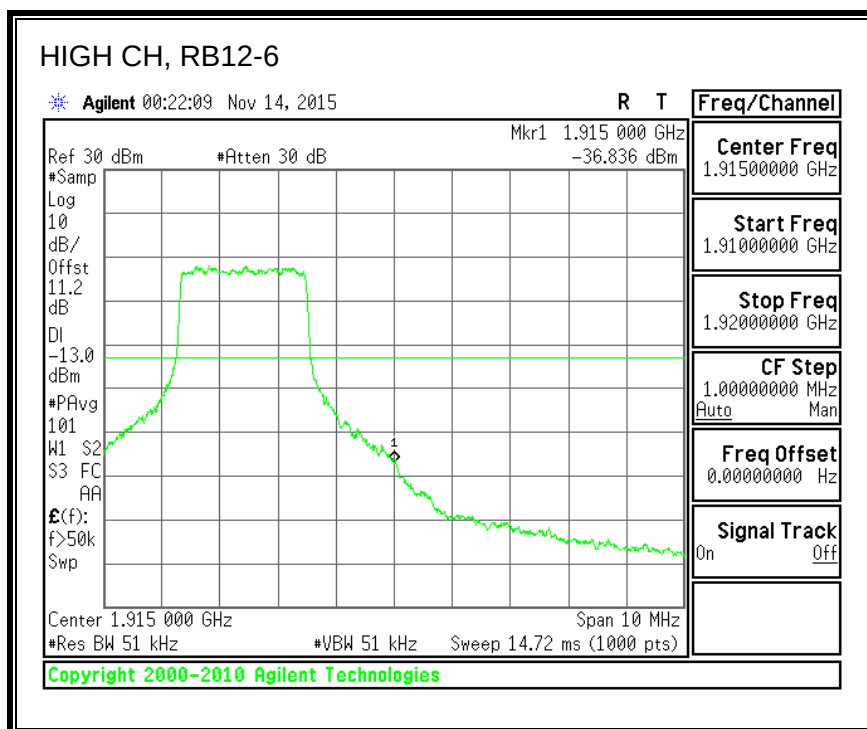
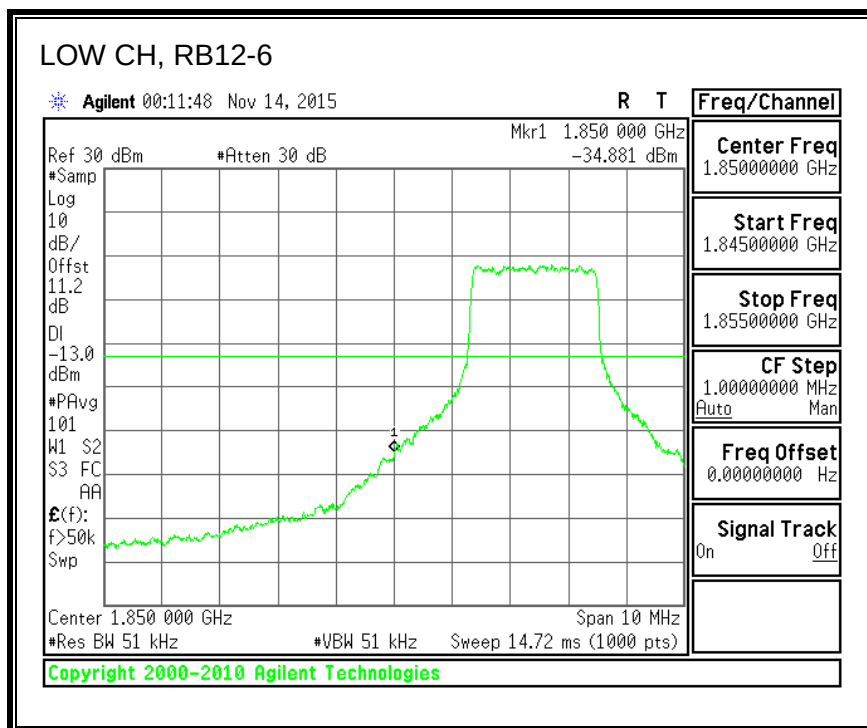




16QAM, (5.0 MHz BAND WIDTH)







LOW CH, RB25-0

Agilent 00:09:22 Nov 14, 2015

R T

Freq/Channel

Ref 30 dBm #Atten 30 dB Mkr1 1.850 000 GHz -30.539 dBm

Center Freq
1.85000000 GHz

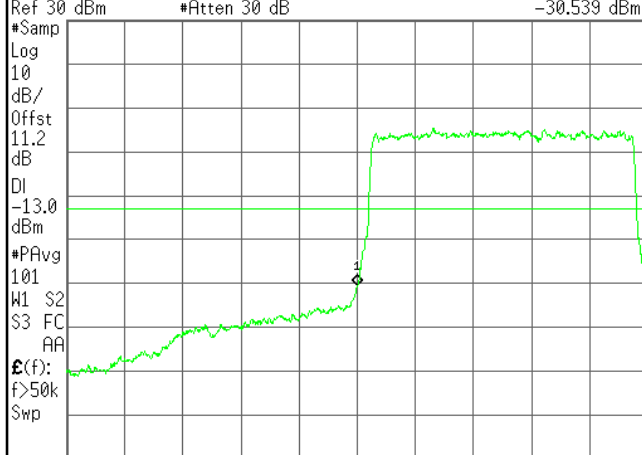
Start Freq
1.84500000 GHz

Stop Freq
1.85500000 GHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off



Center 1.850 000 GHz Span 10 MHz
#Res BW 51 kHz #VBW 51 kHz Sweep 14.72 ms (1000 pts)

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HIGH CH, RB25-0

Agilent 00:19:42 Nov 14, 2015

R T

Freq/Channel

Ref 30 dBm #Atten 30 dB Mkr1 1.915 000 GHz -31.582 dBm

Center Freq
1.91500000 GHz

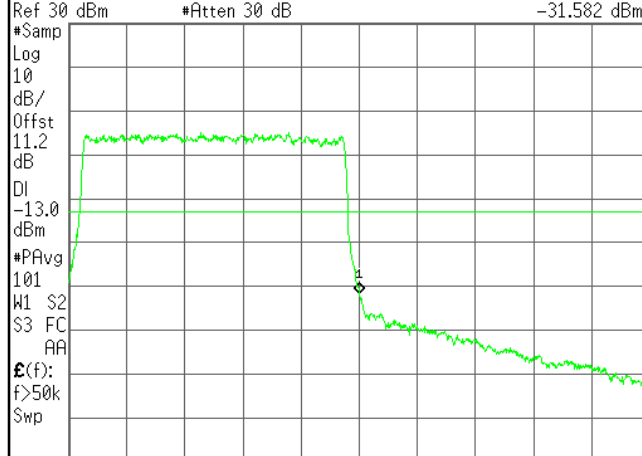
Start Freq
1.91000000 GHz

Stop Freq
1.92000000 GHz

CF Step
1.00000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

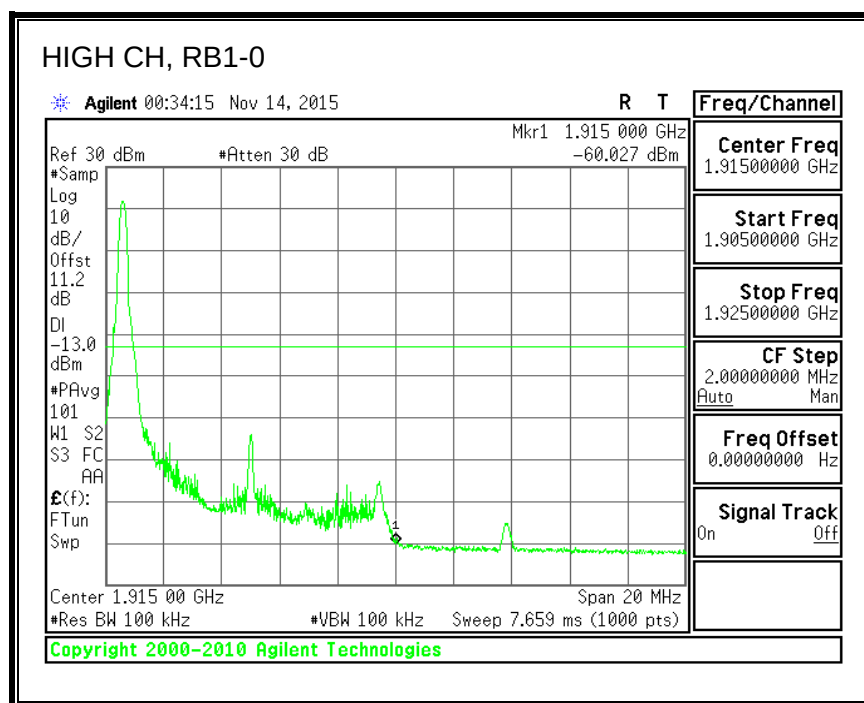
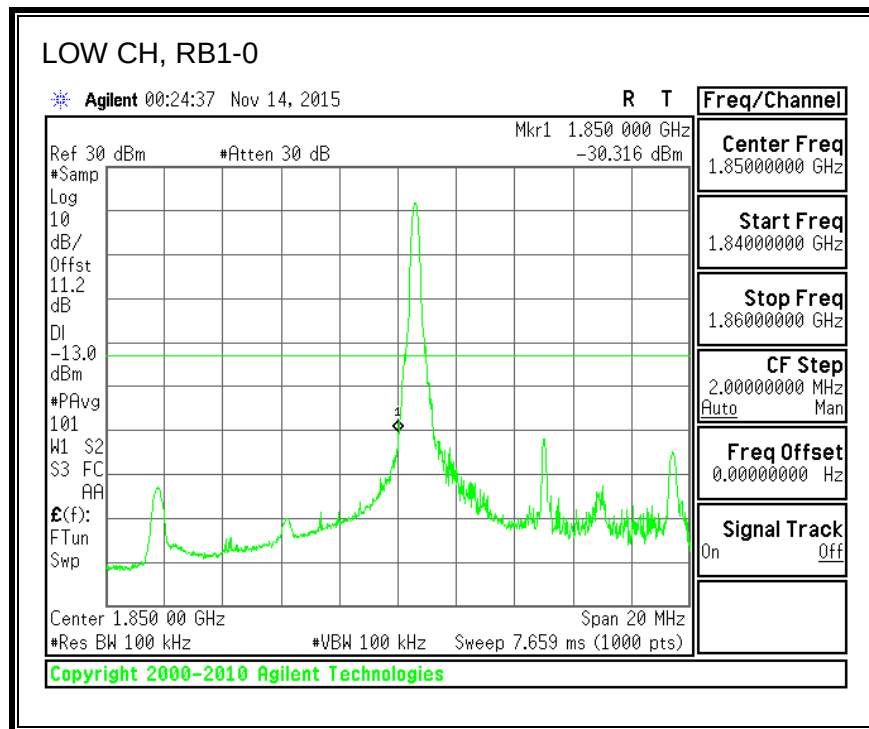
Signal Track
On Off

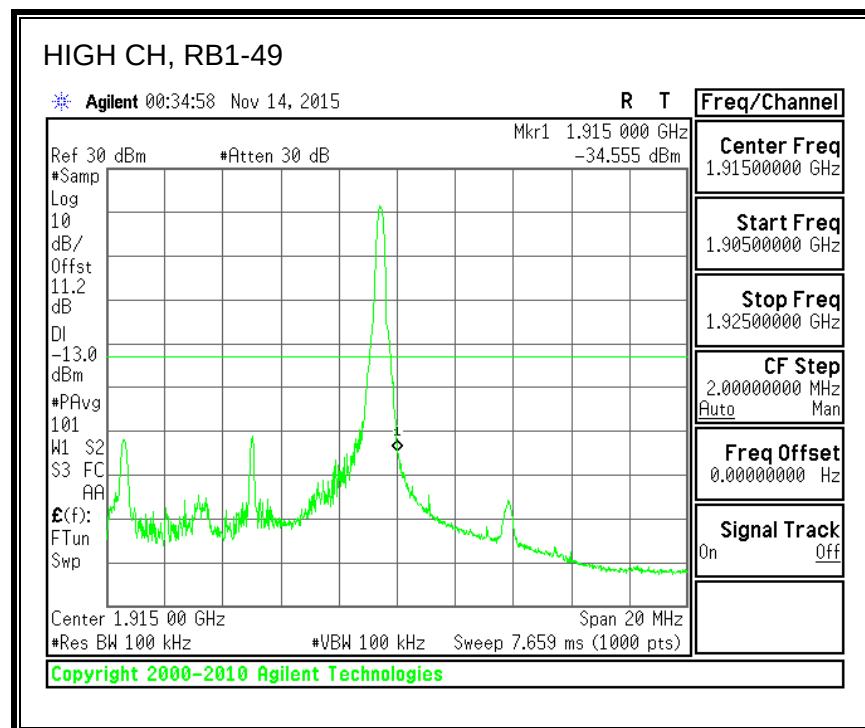
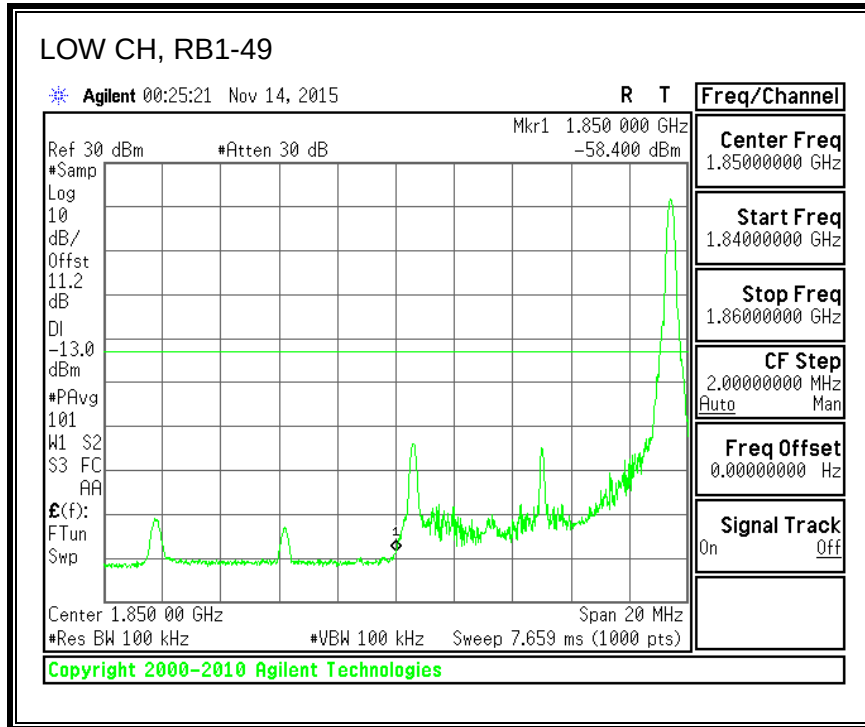


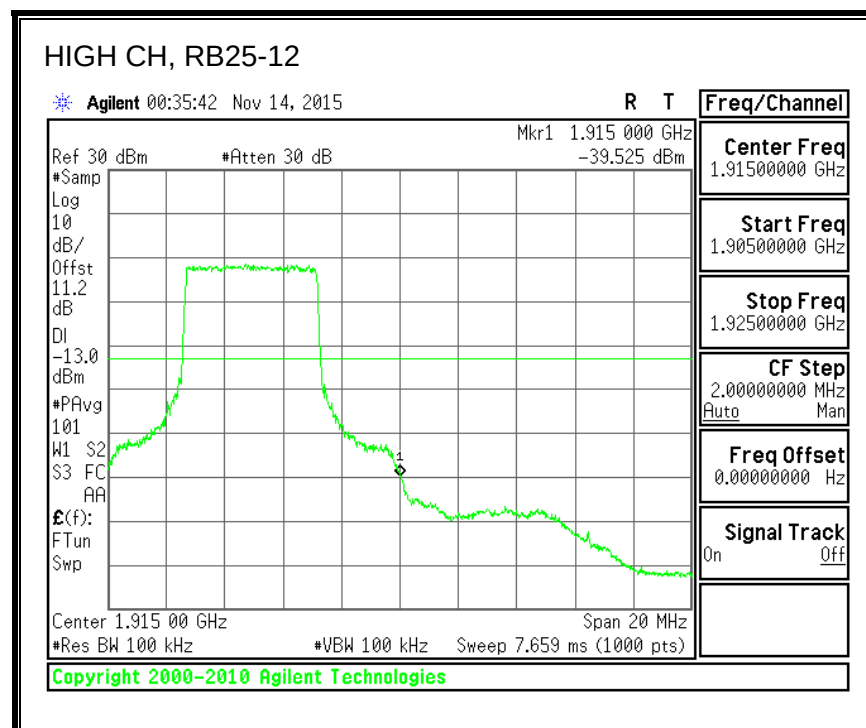
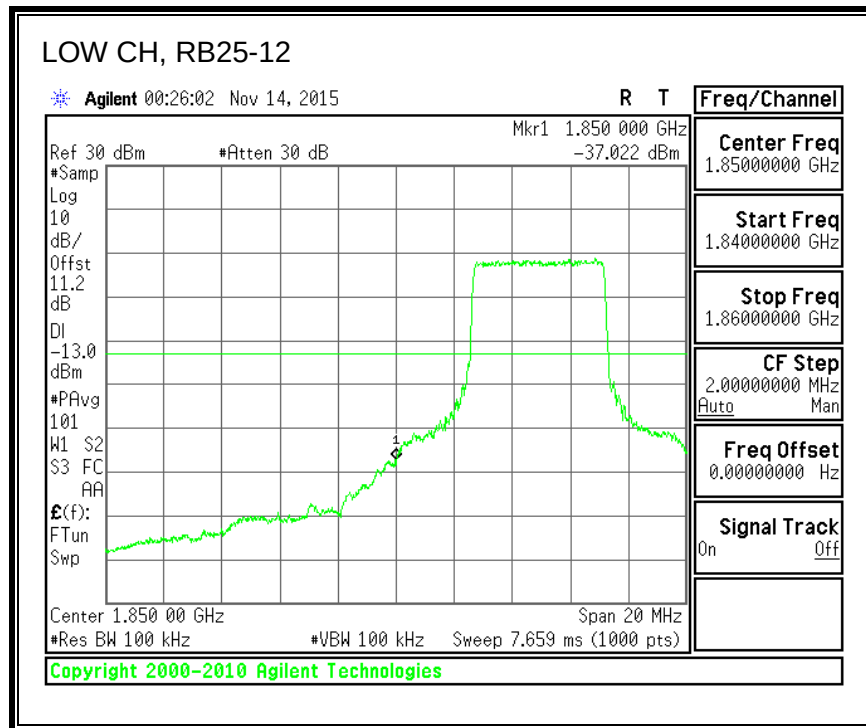
Center 1.915 000 GHz Span 10 MHz
#Res BW 51 kHz #VBW 51 kHz Sweep 14.72 ms (1000 pts)

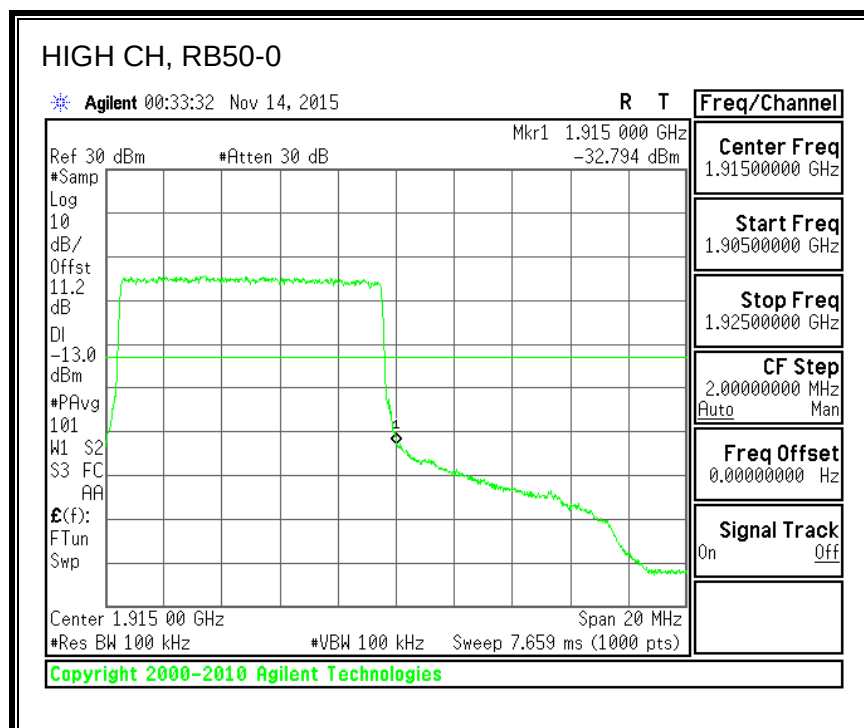
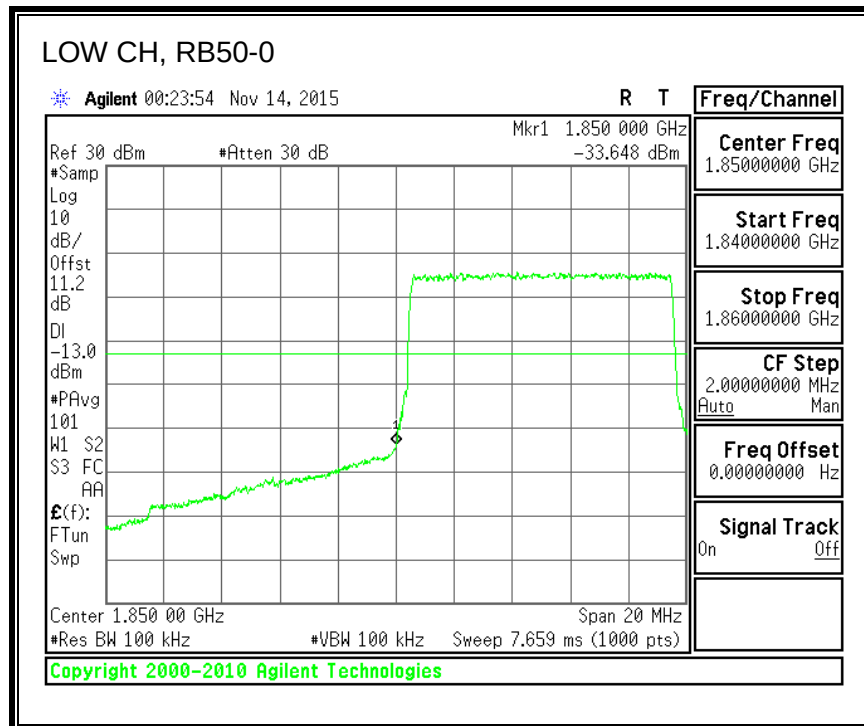
Copyright 2000-2010 Agilent Technologies

QPSK, (10.0 MHz BAND WIDTH)

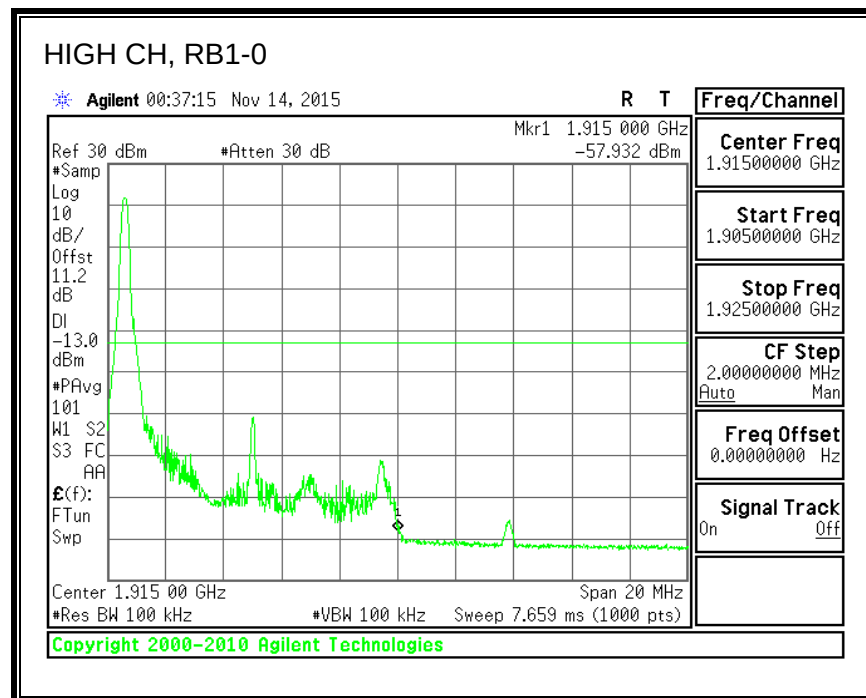
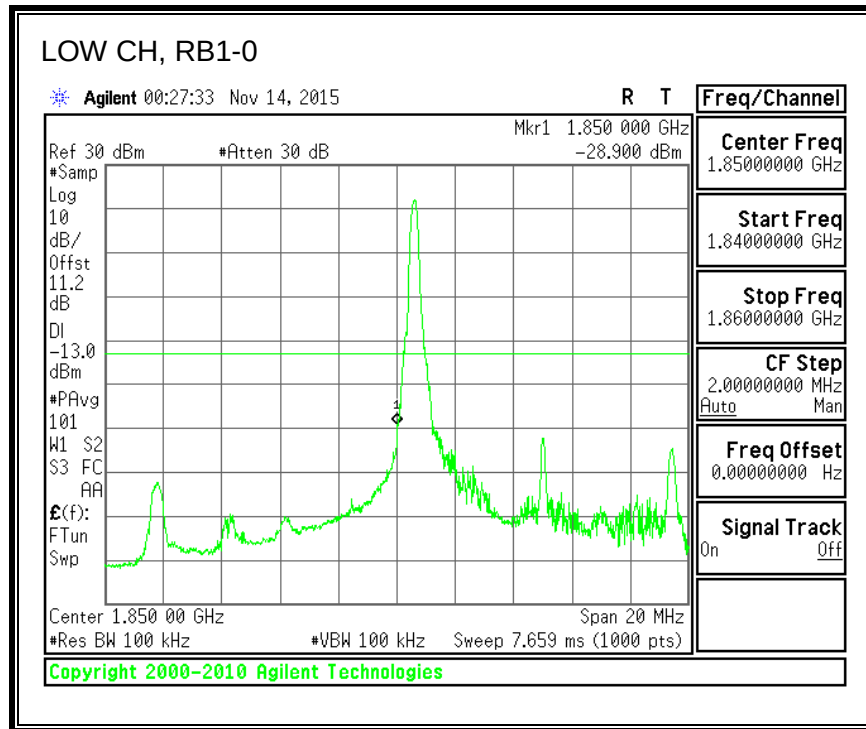


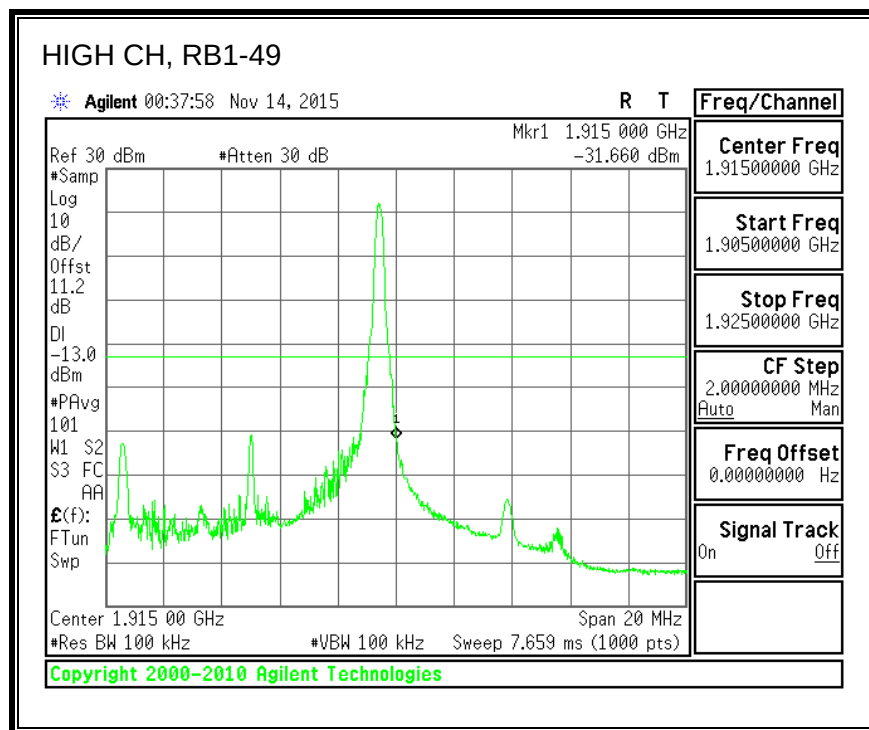
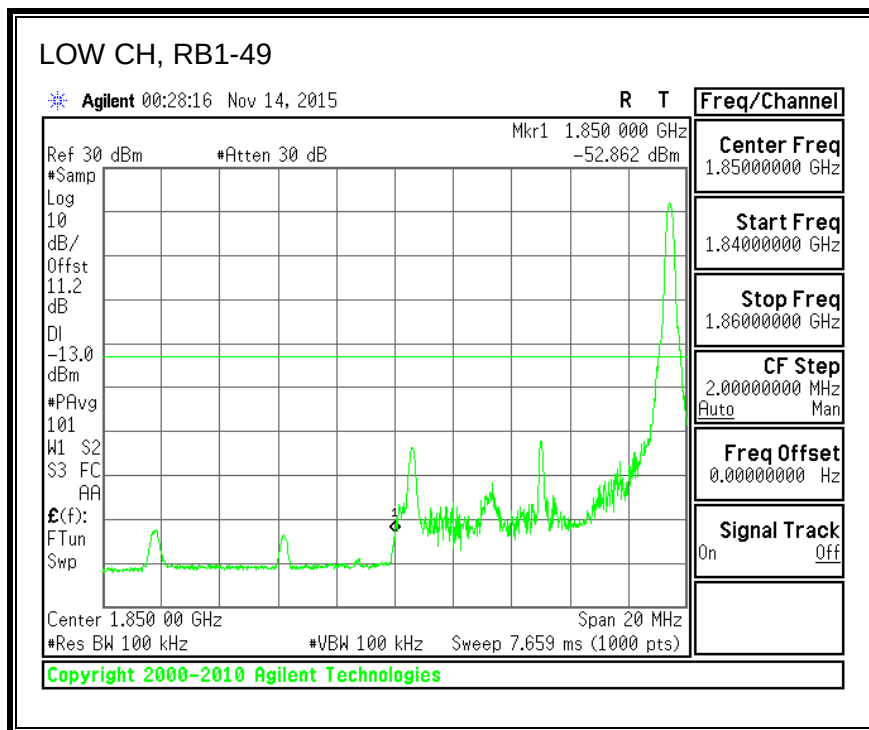


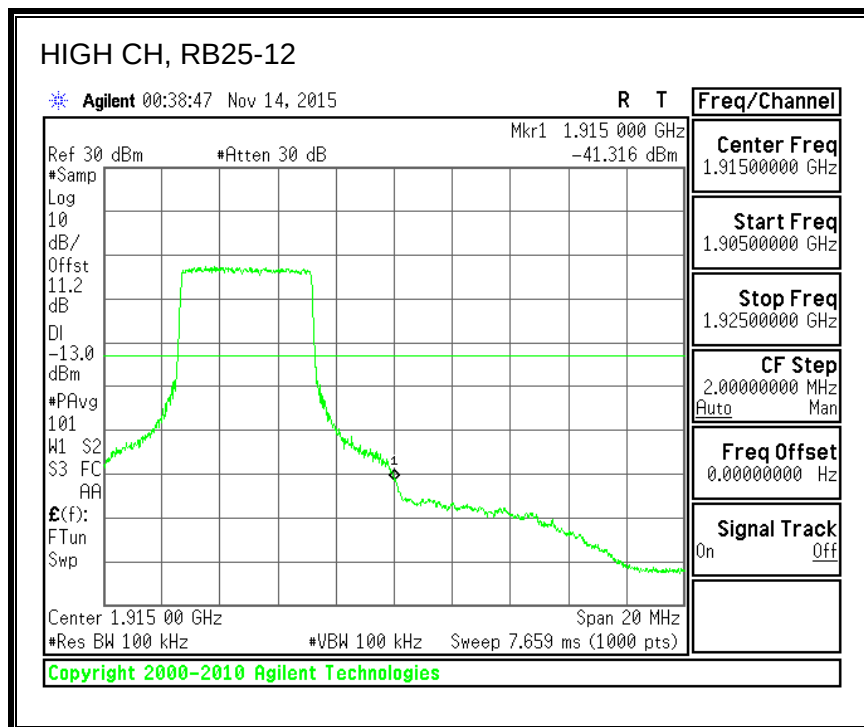
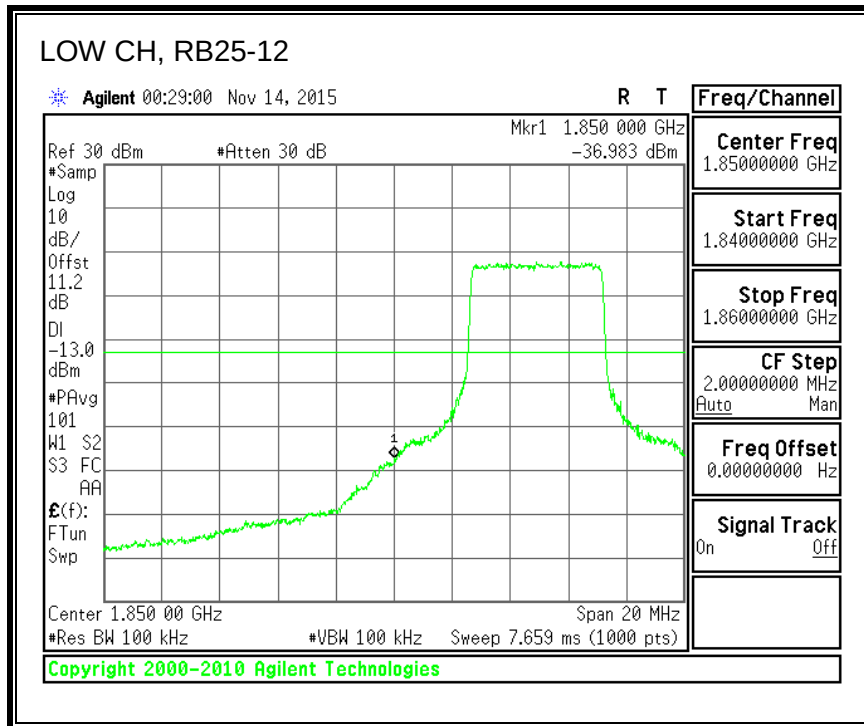


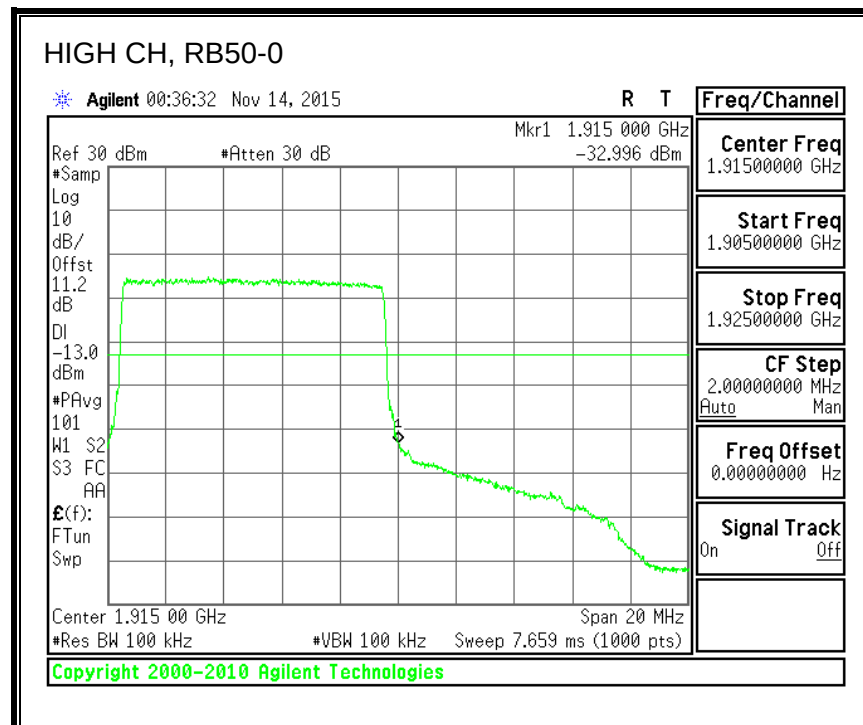
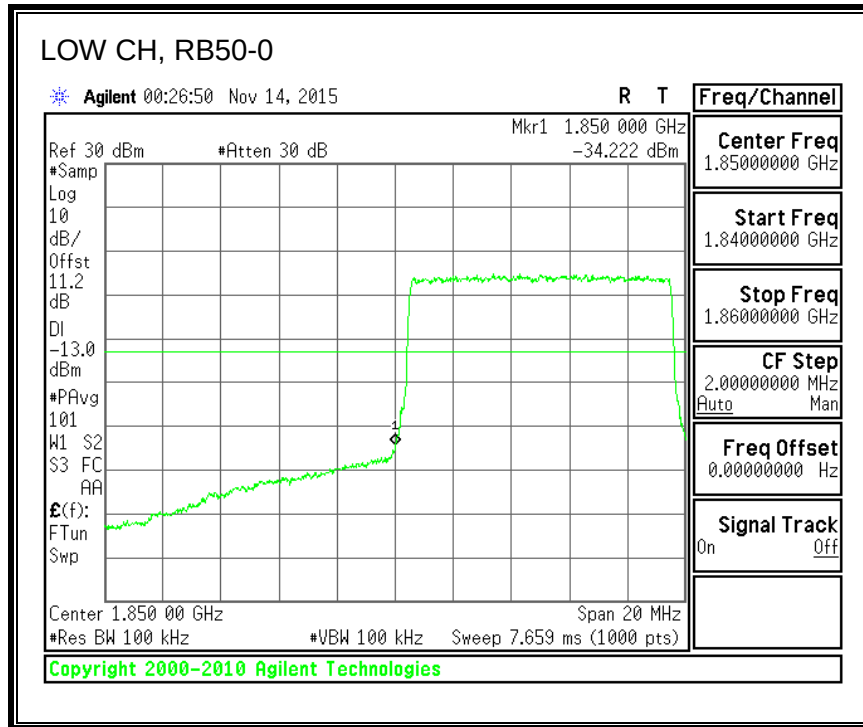


16QAM, (10.0 MHz BAND WIDTH)

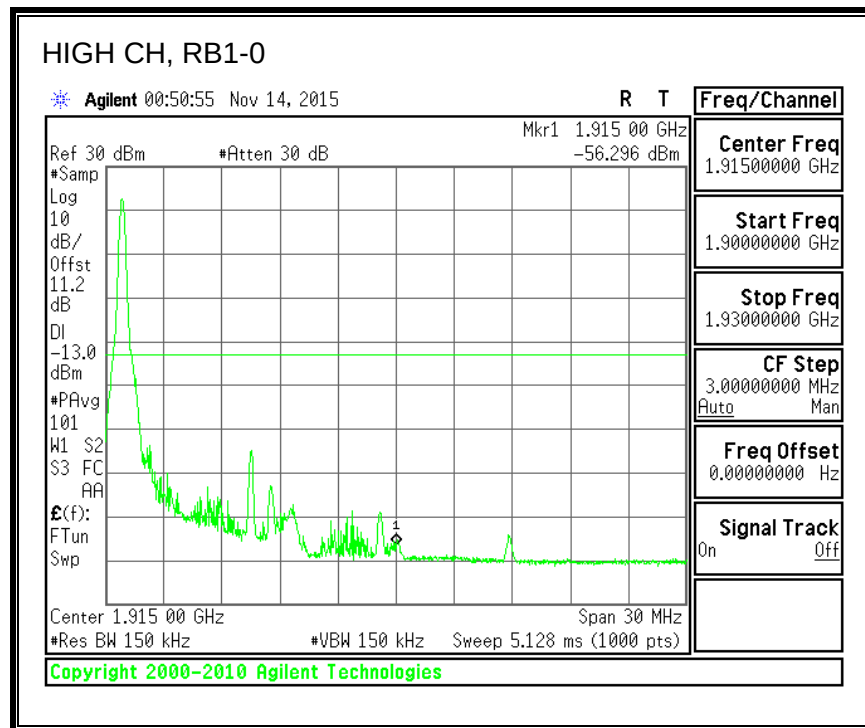
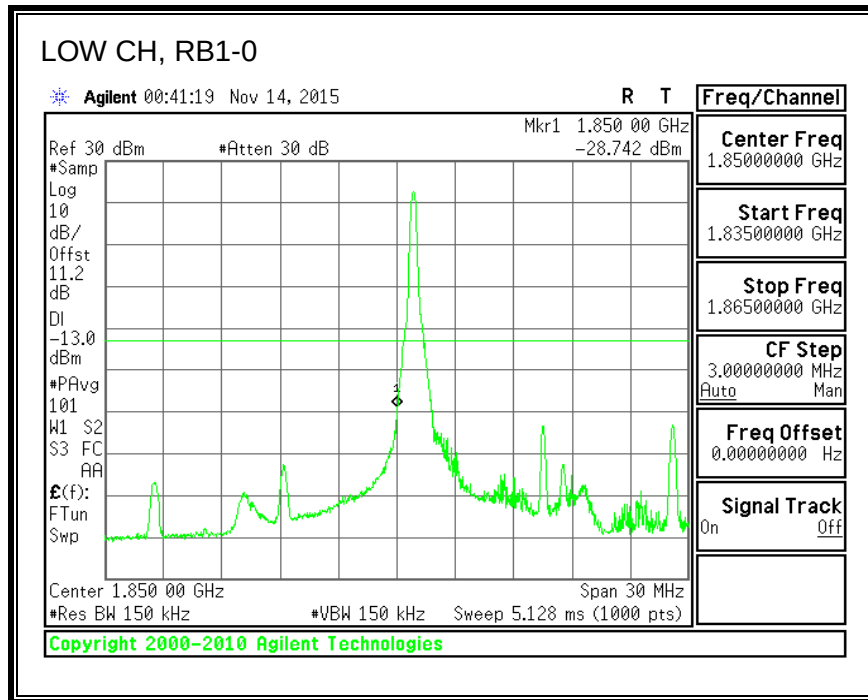


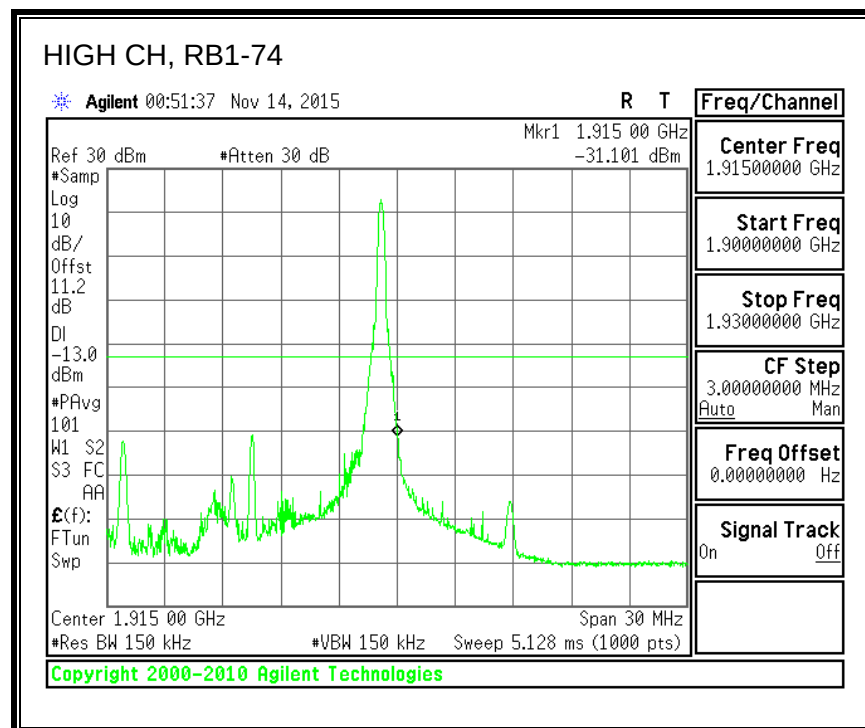
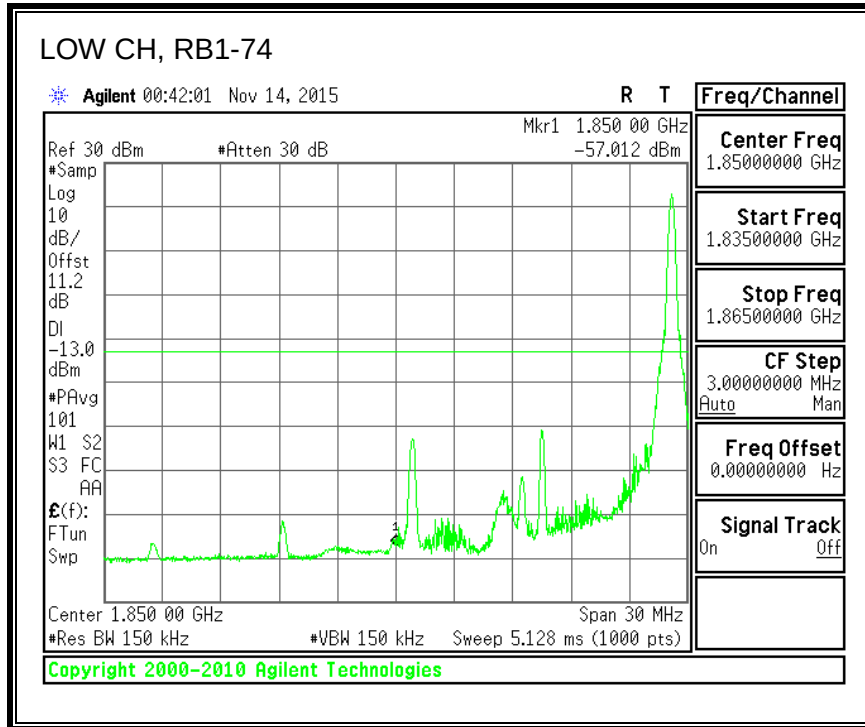


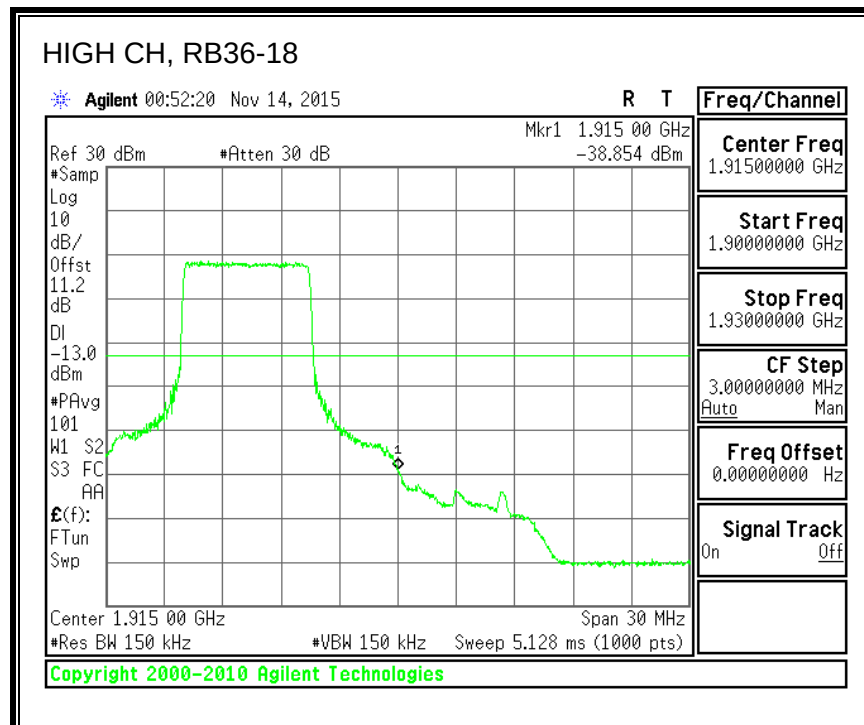
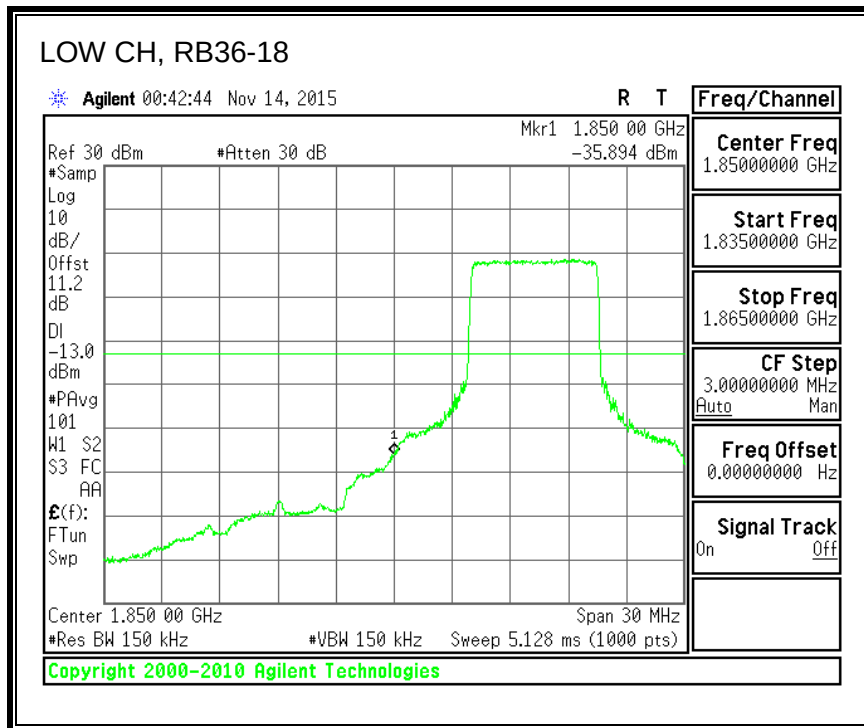


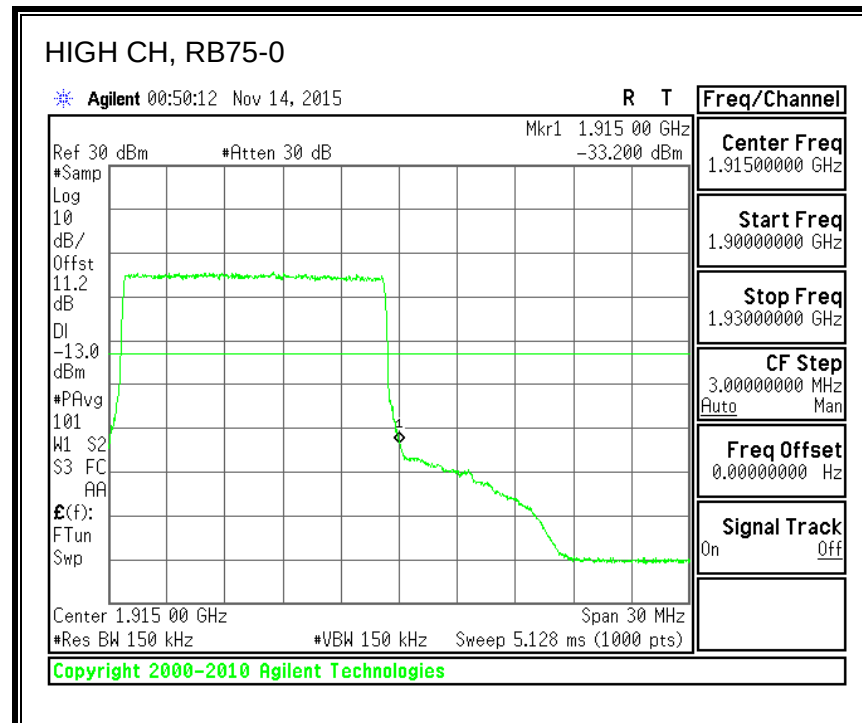
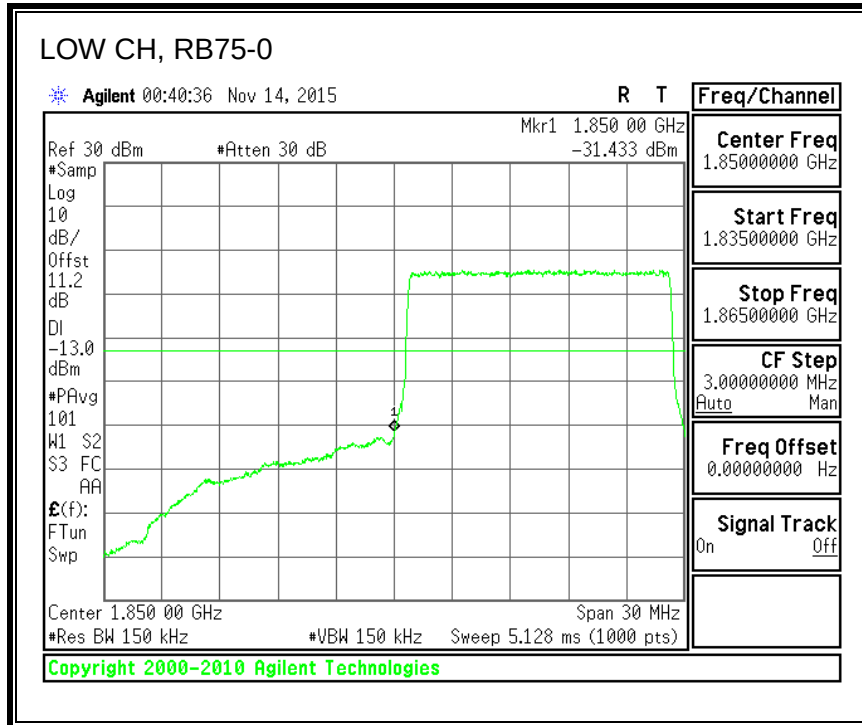


QPSK, (15.0 MHz BAND WIDTH)

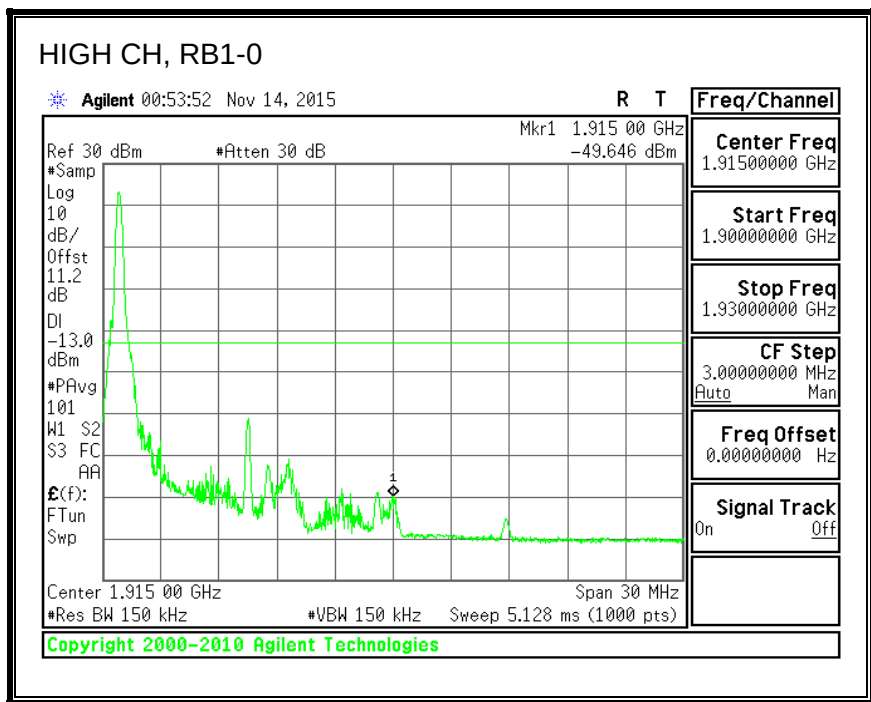
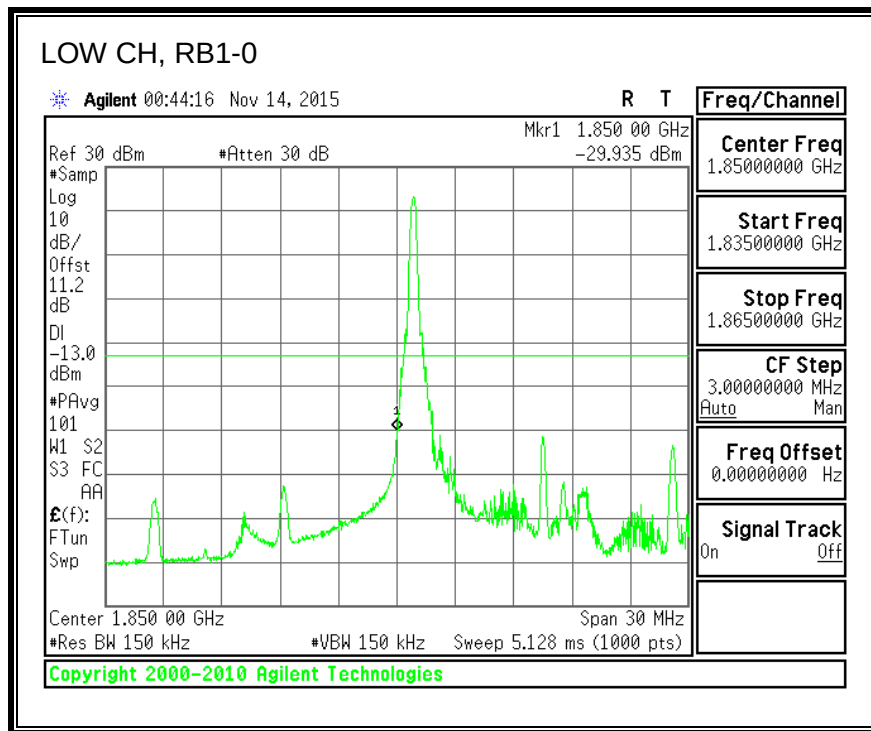


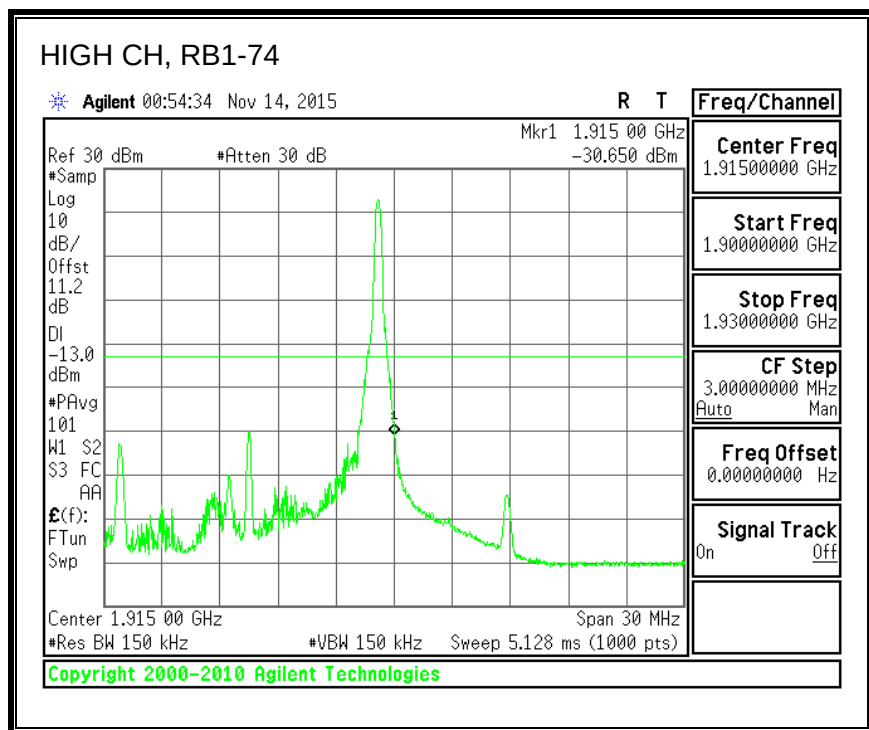
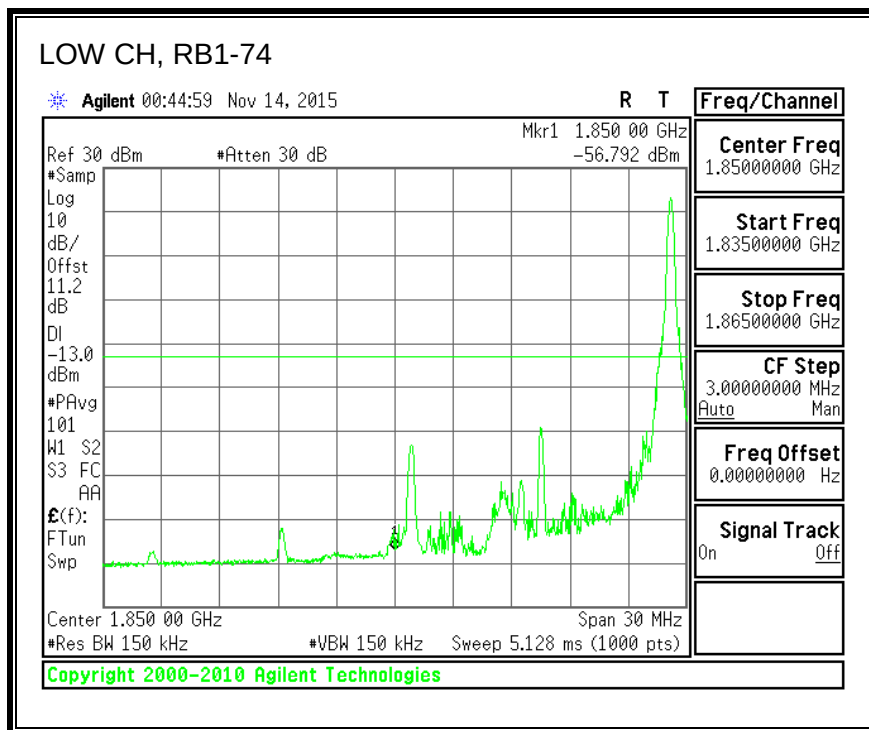


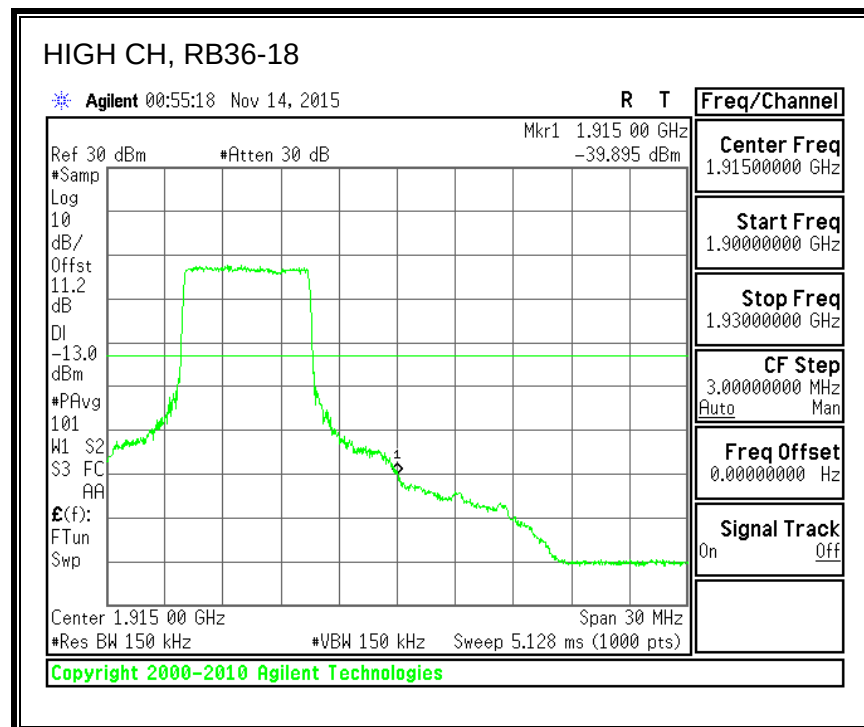
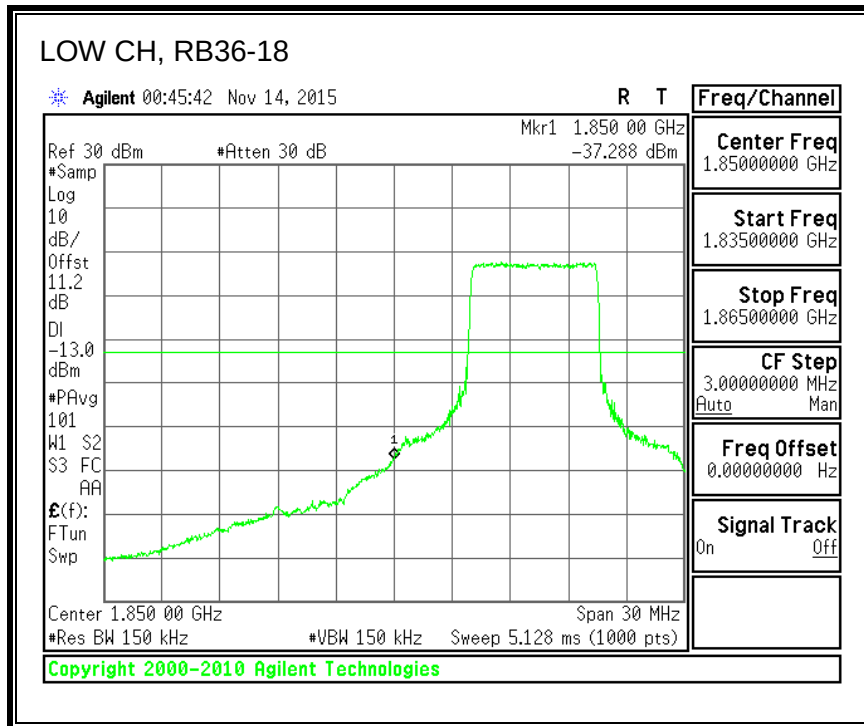


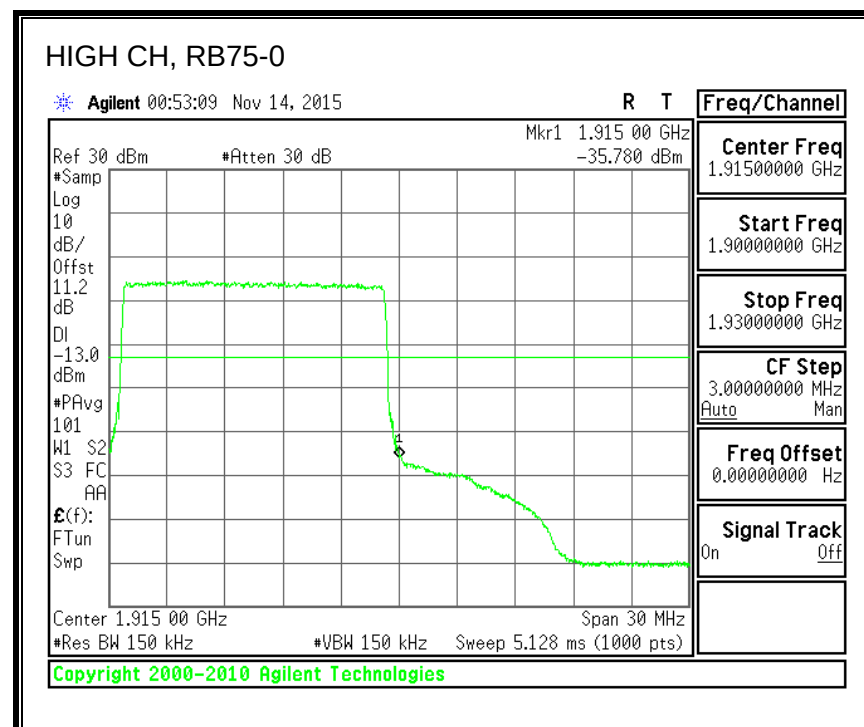
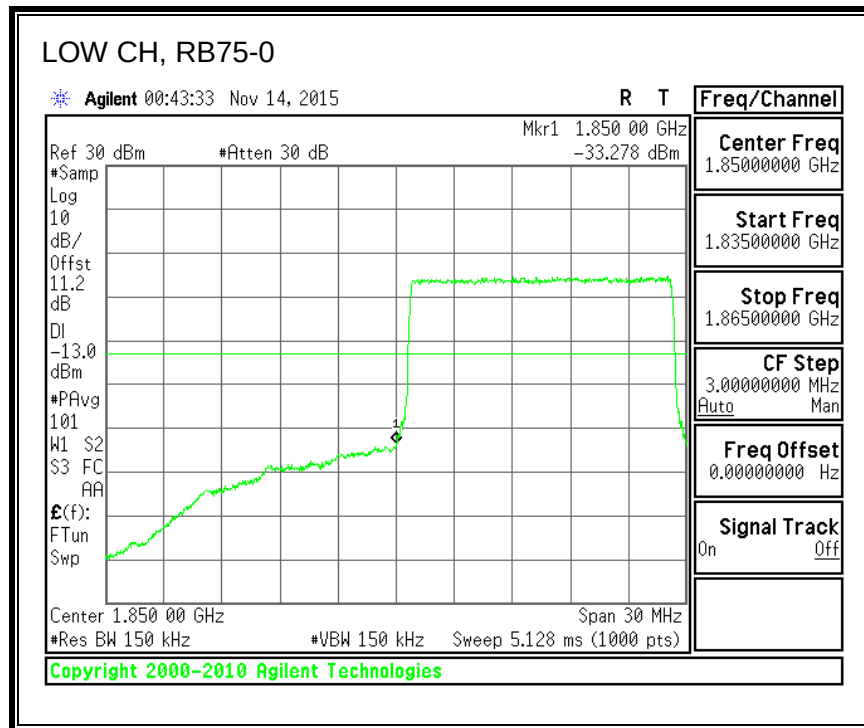


16QAM, (15.0 MHz BAND WIDTH)

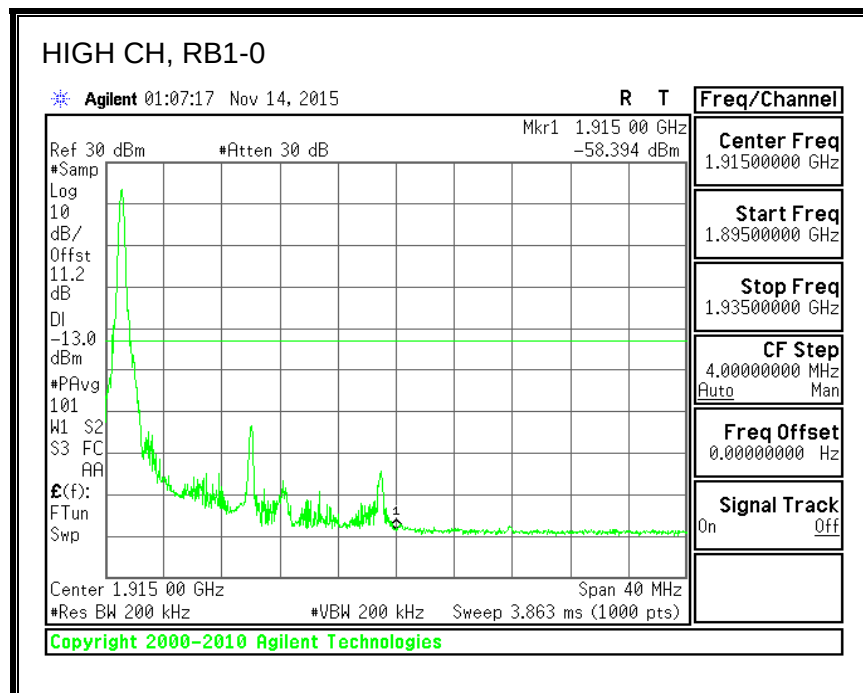
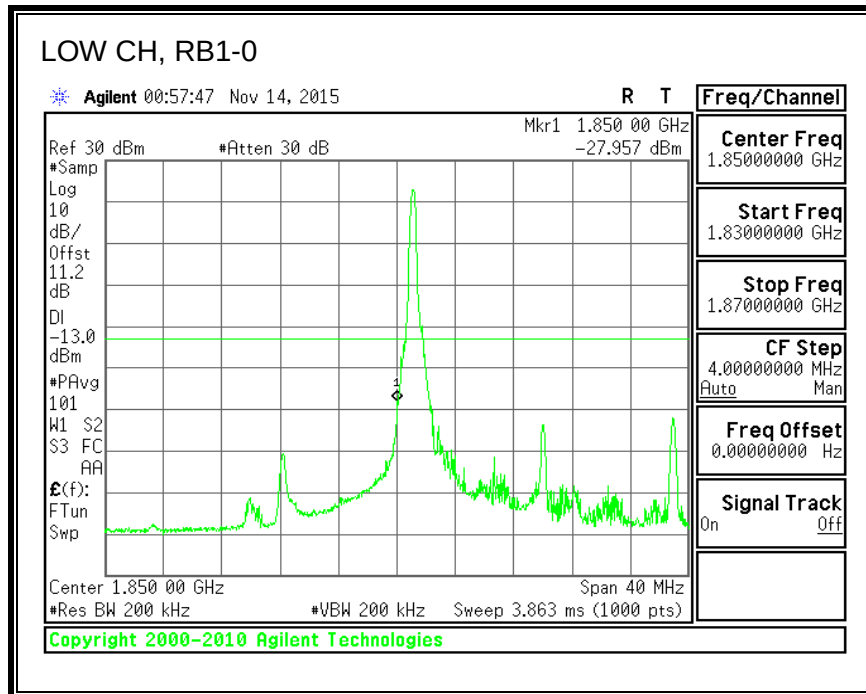


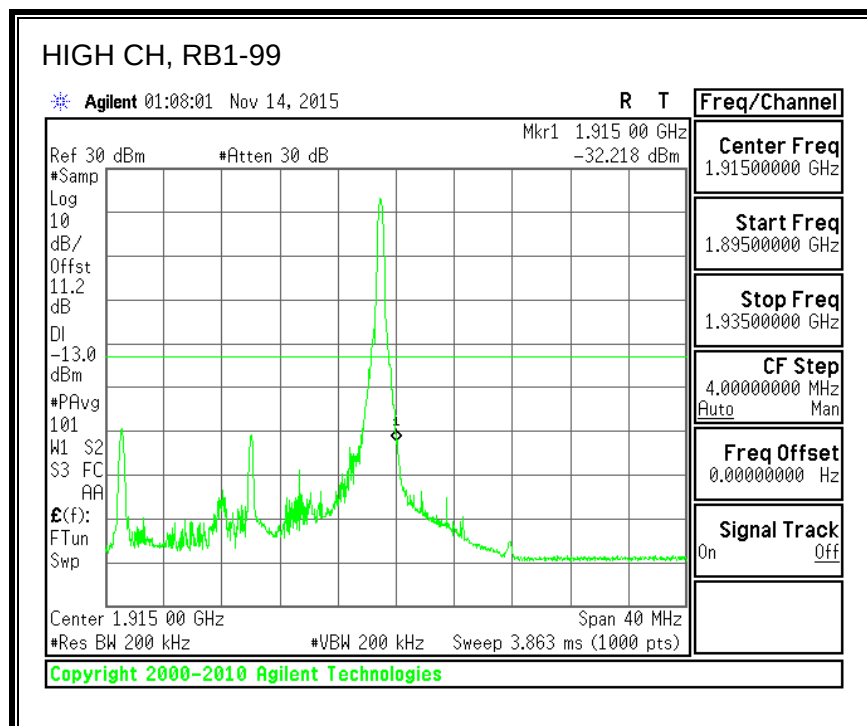
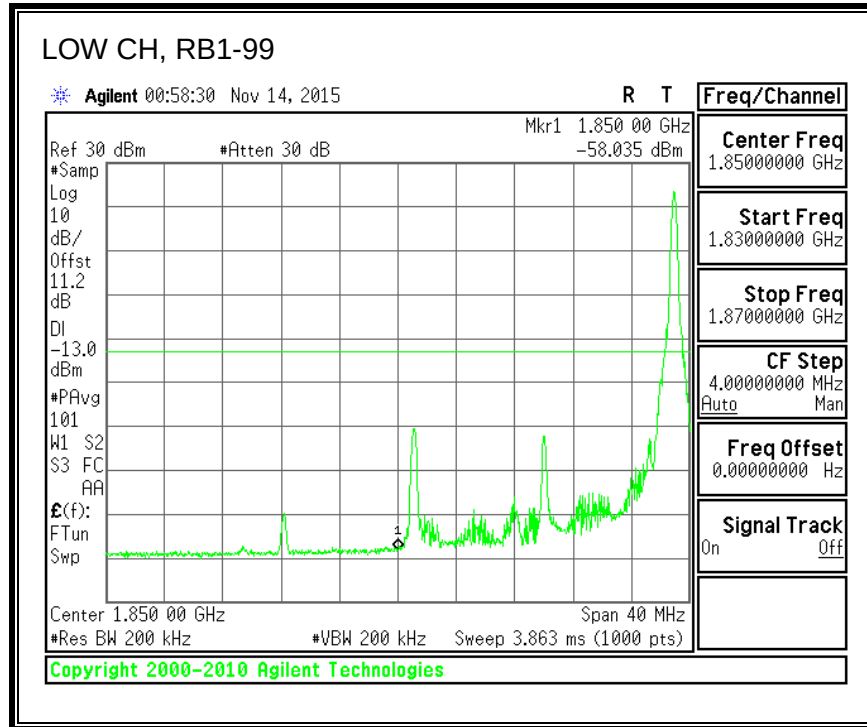


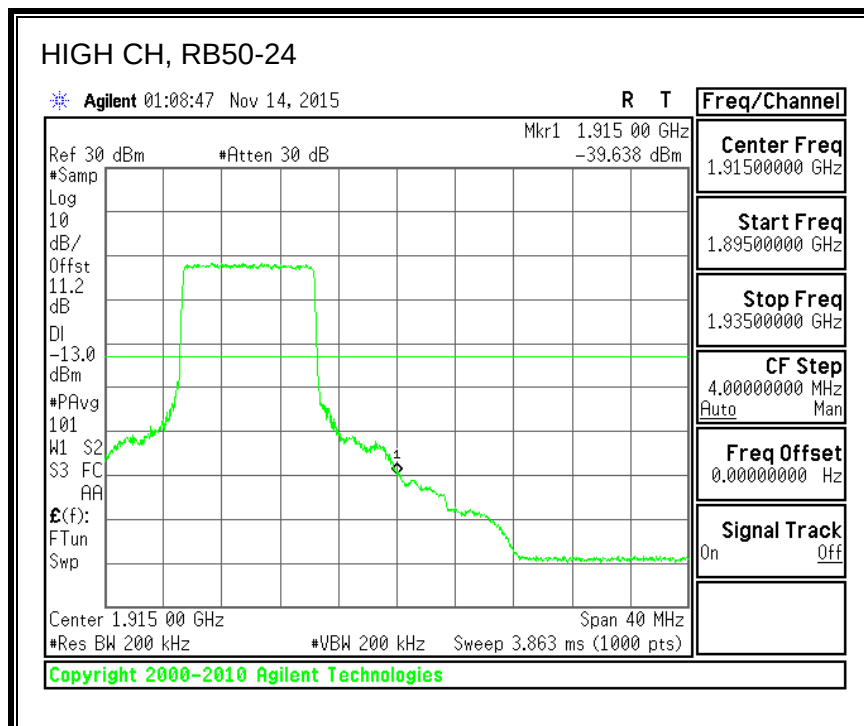
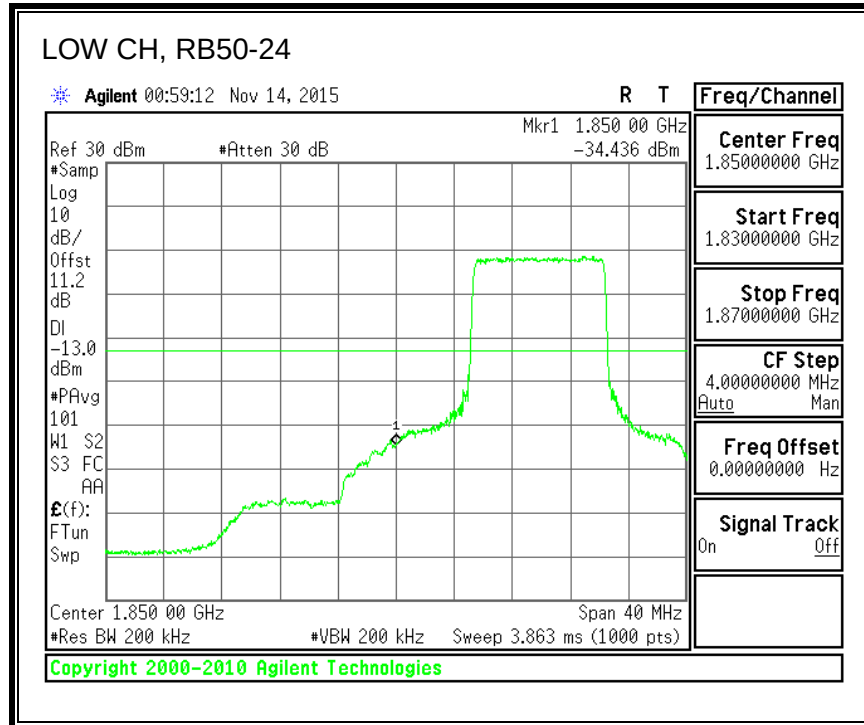


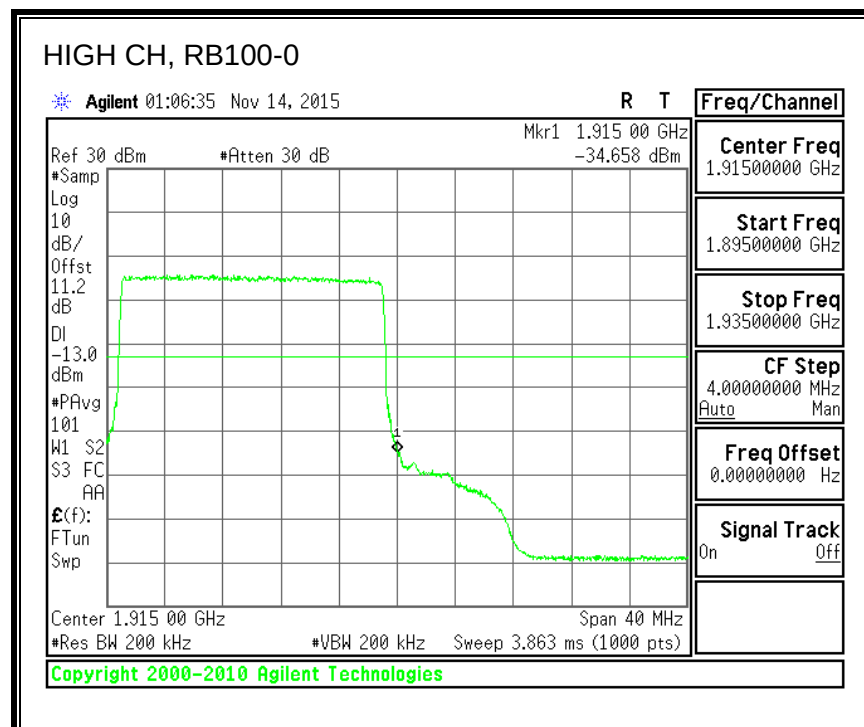
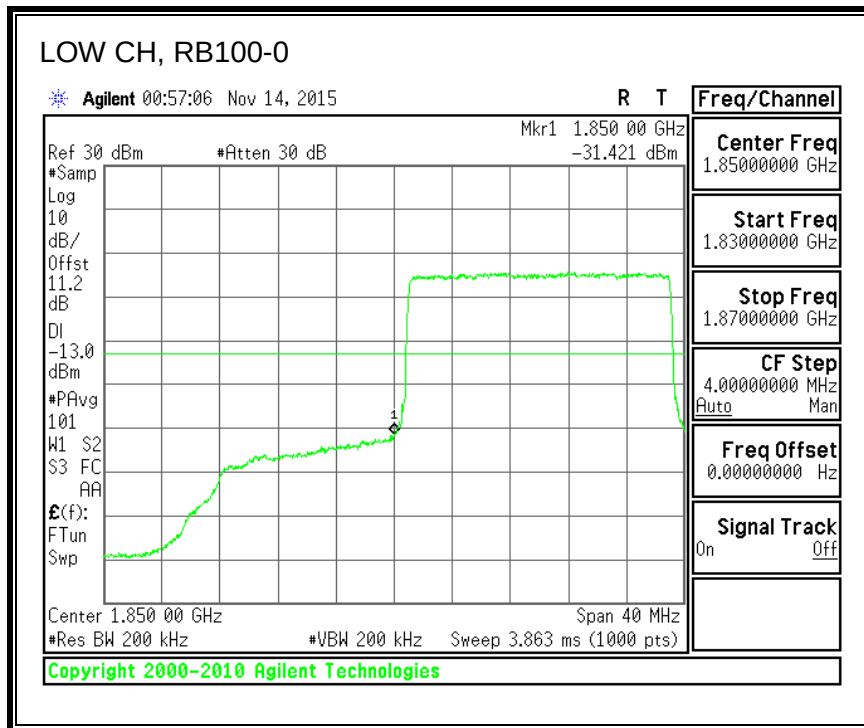


QPSK, (20.0 MHz BAND WIDTH)

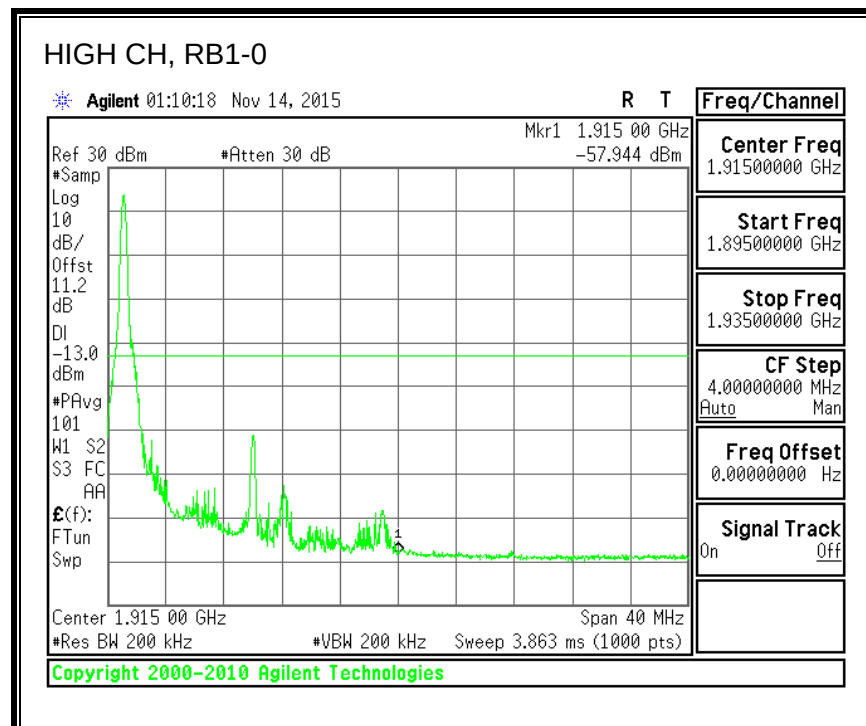
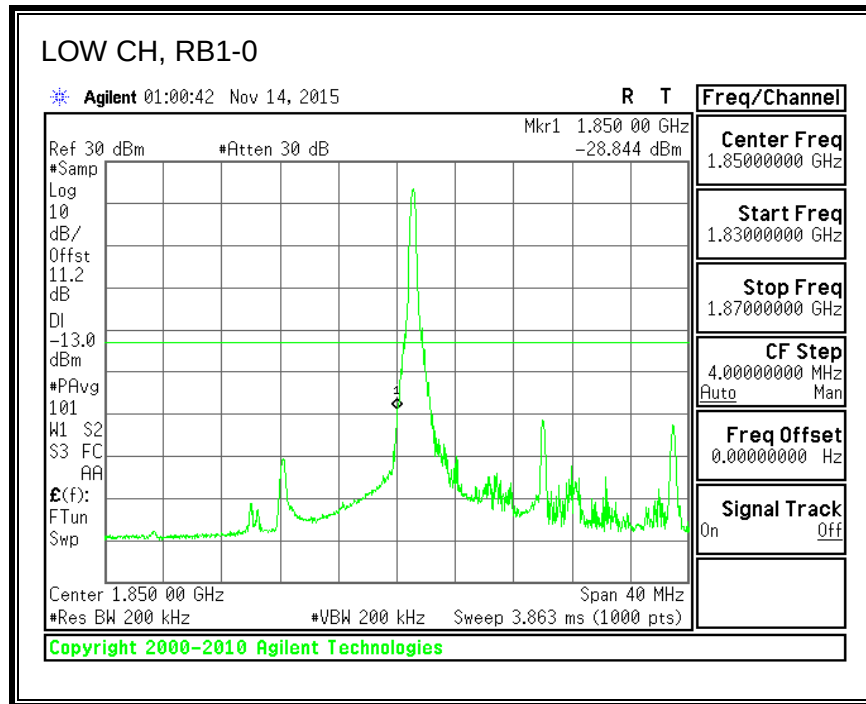


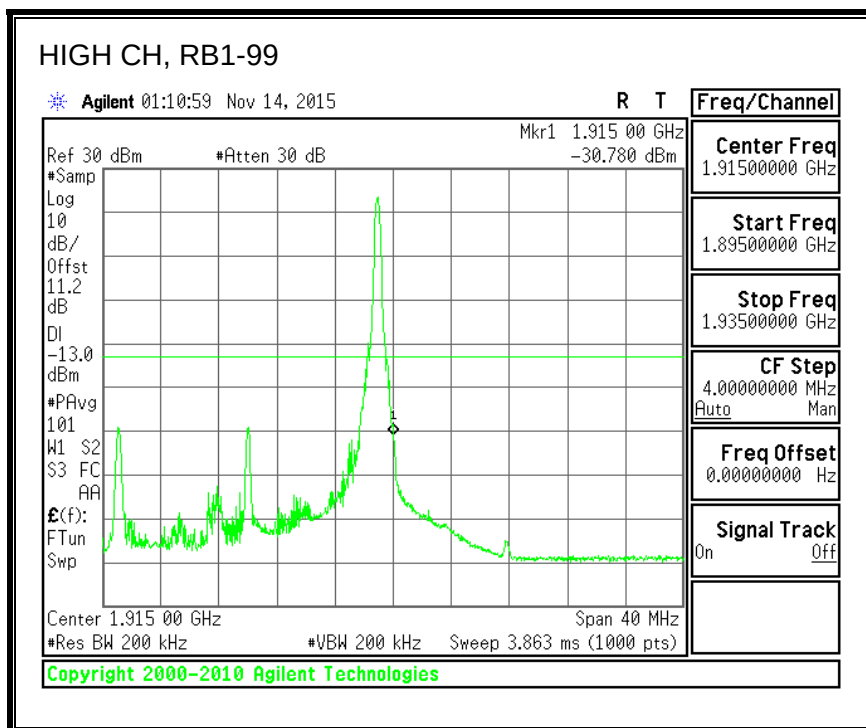
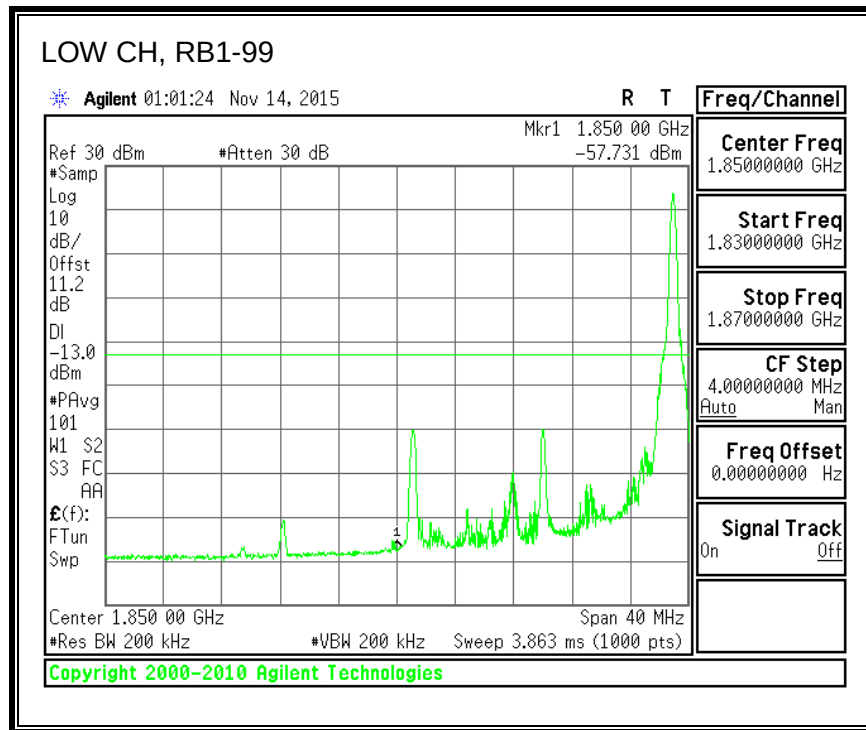


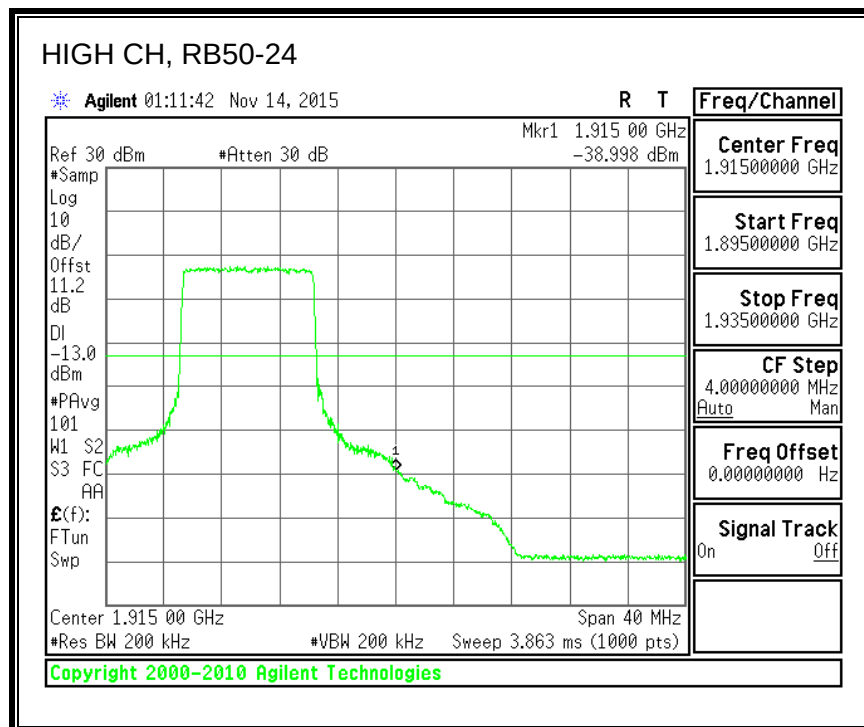
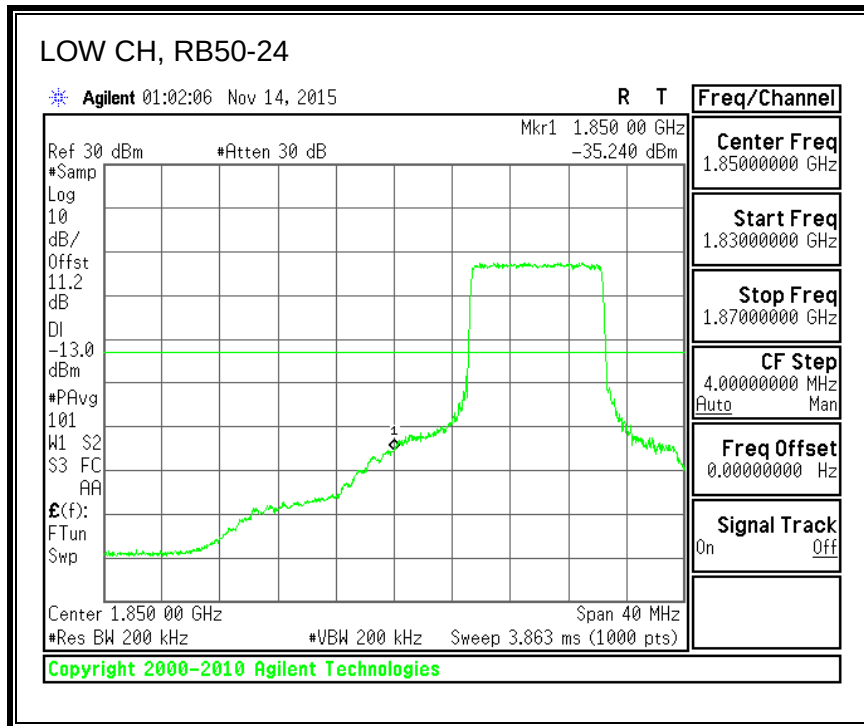


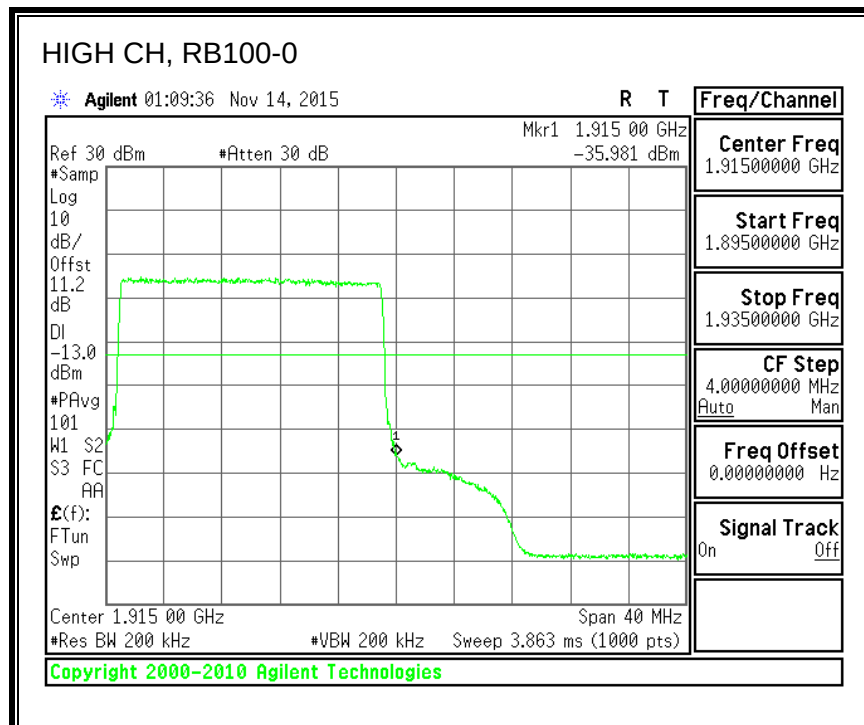
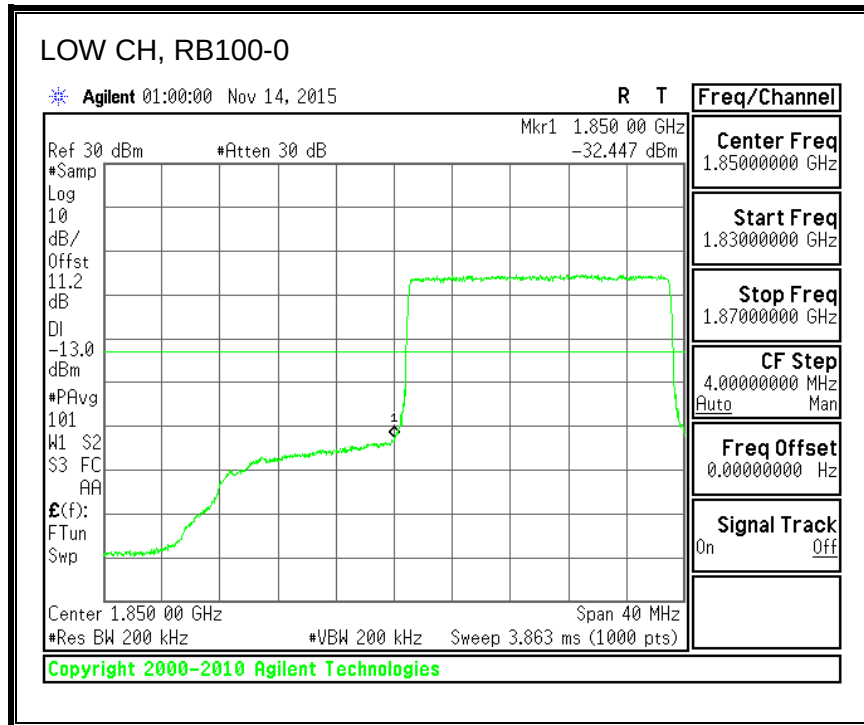


16QAM, (20.0 MHz BAND WIDTH)



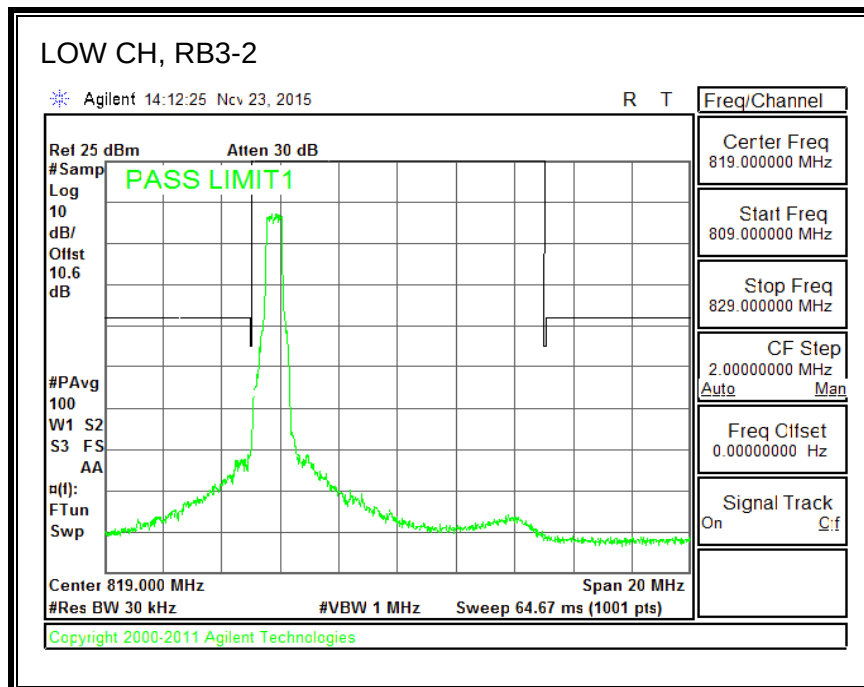
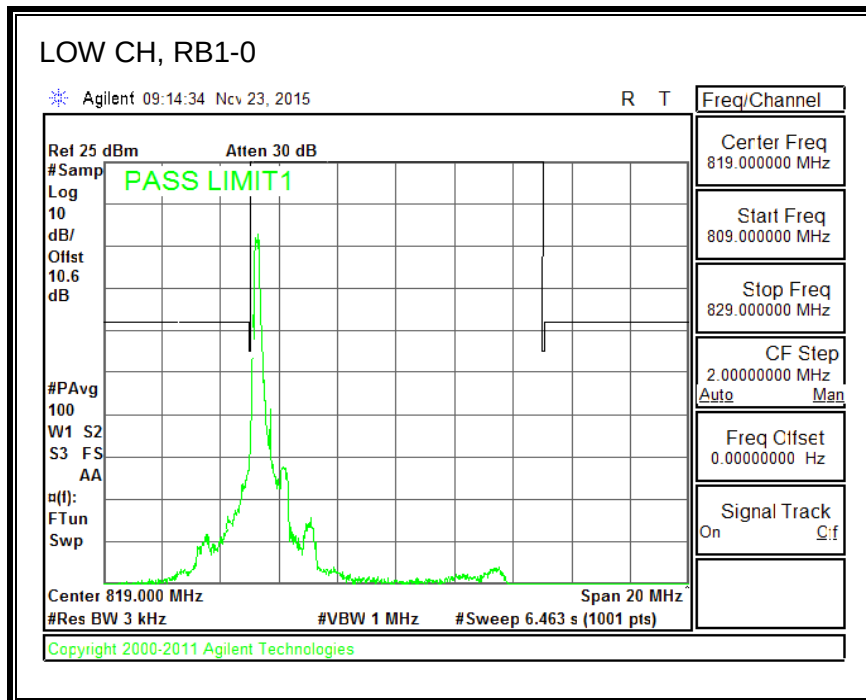


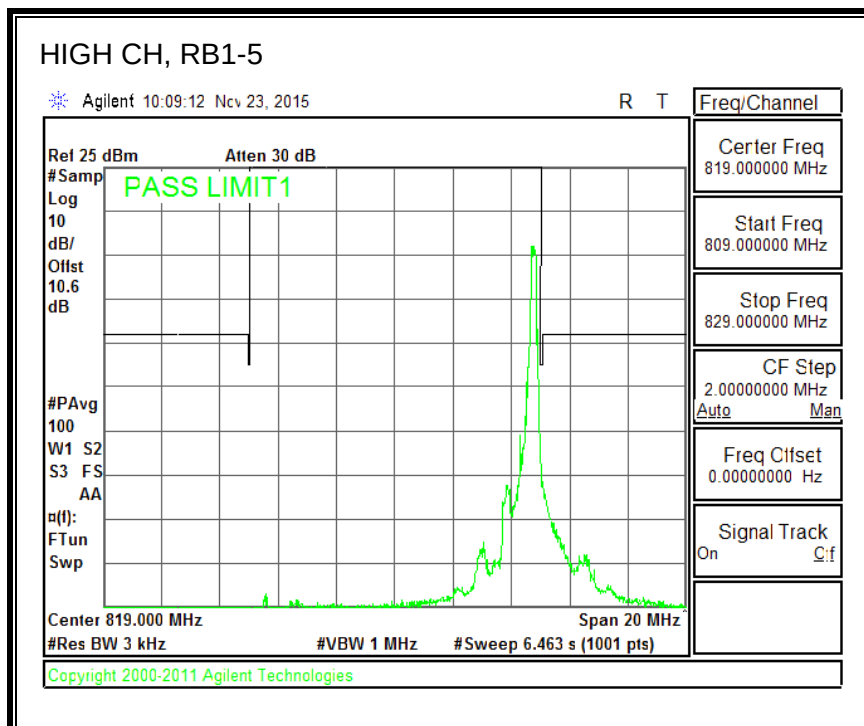
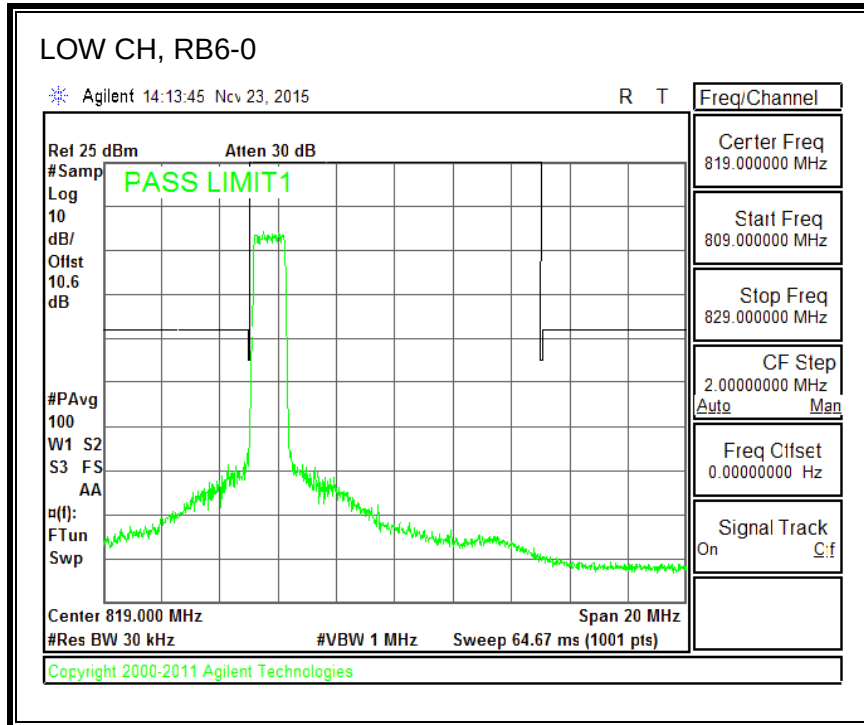


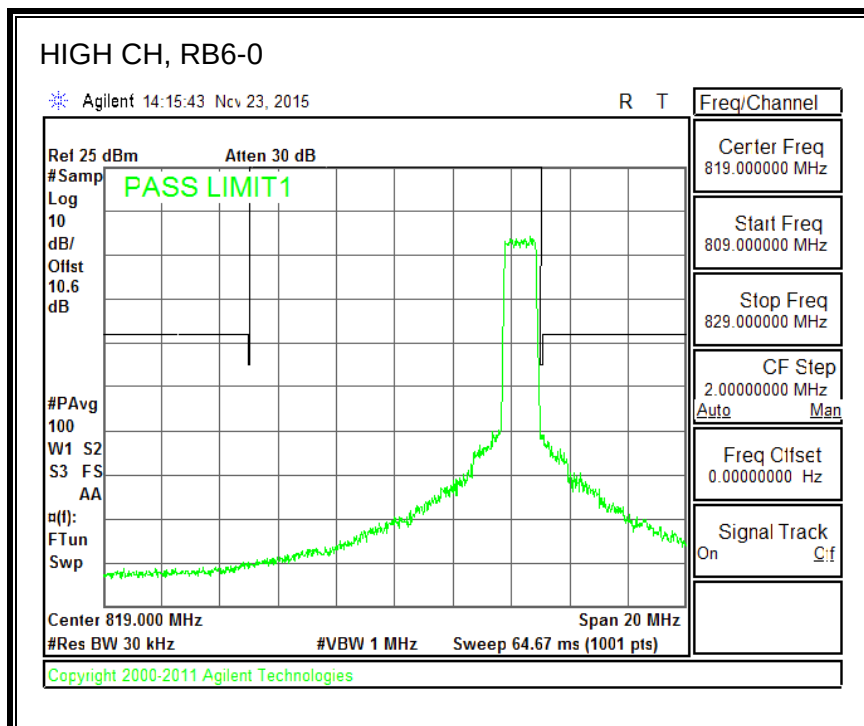
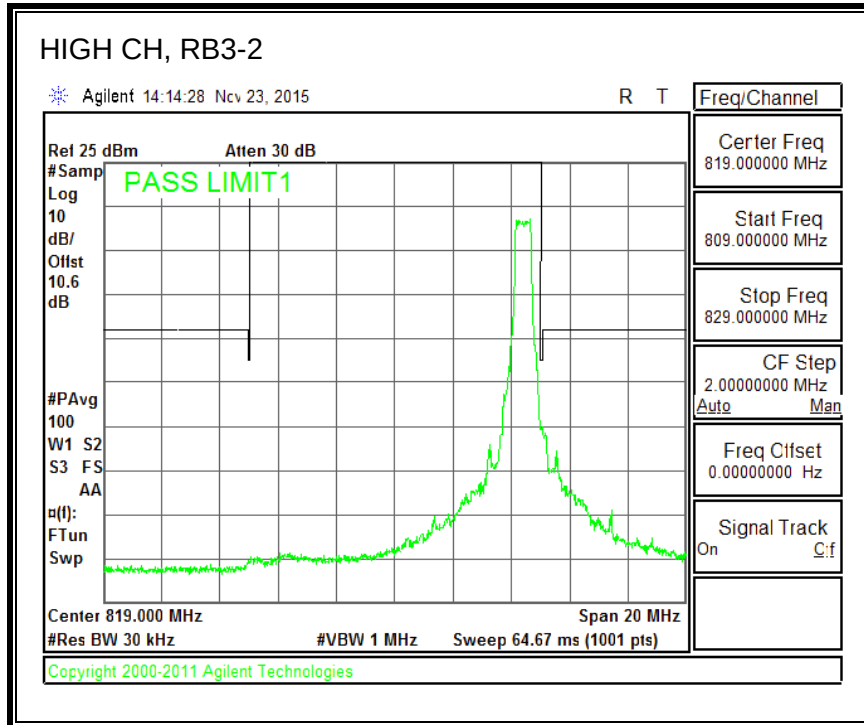


8.2.9. LTE BAND 26 EMISSION MASK

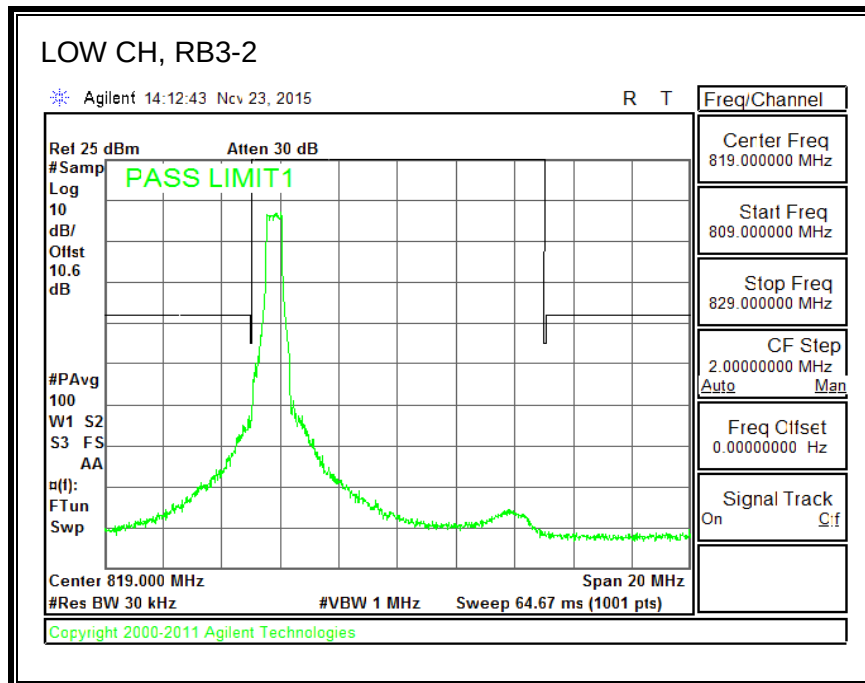
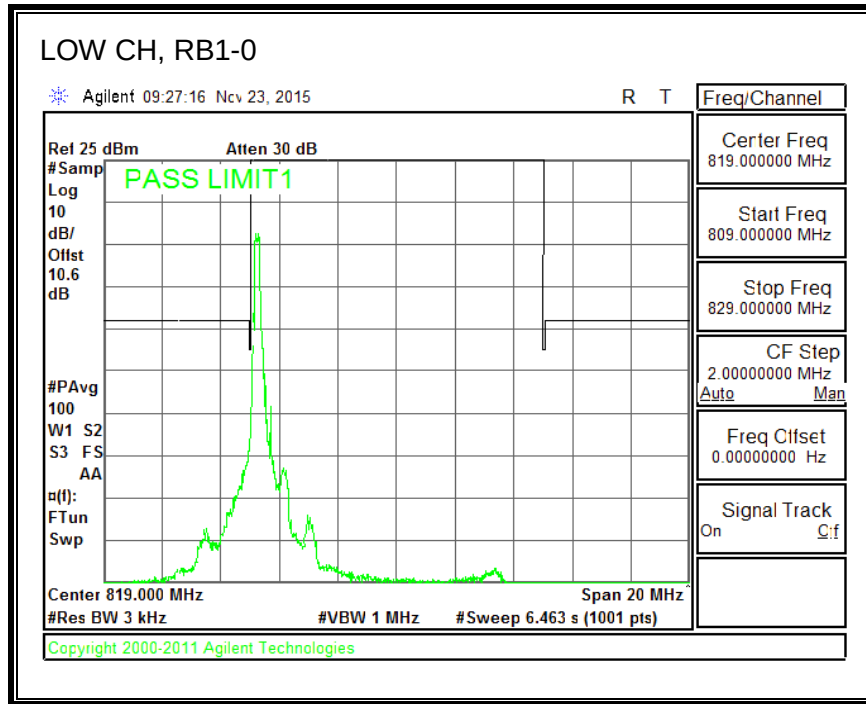
QPSK, (1.4 MHz BAND WIDTH)

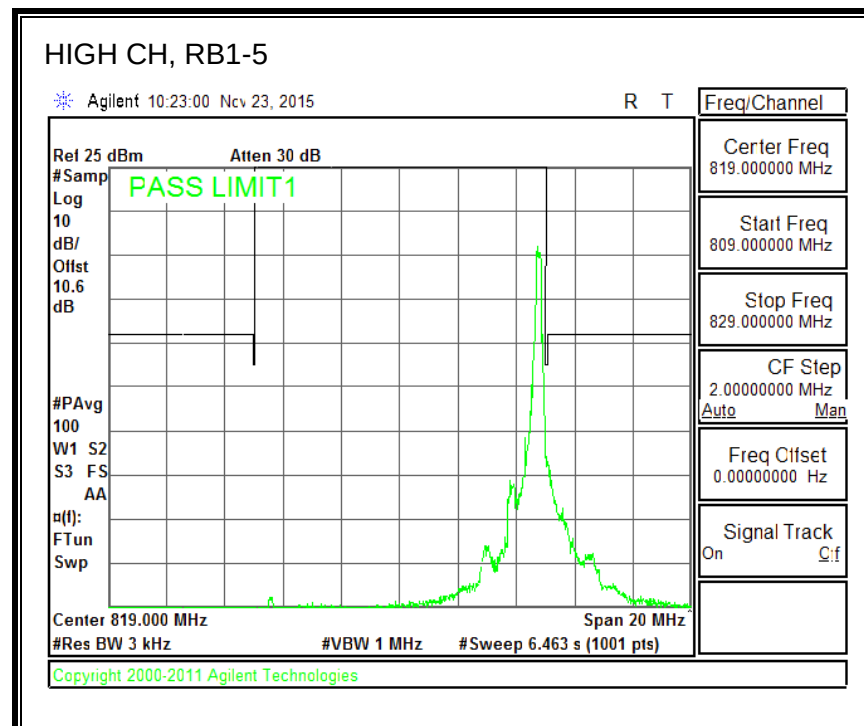
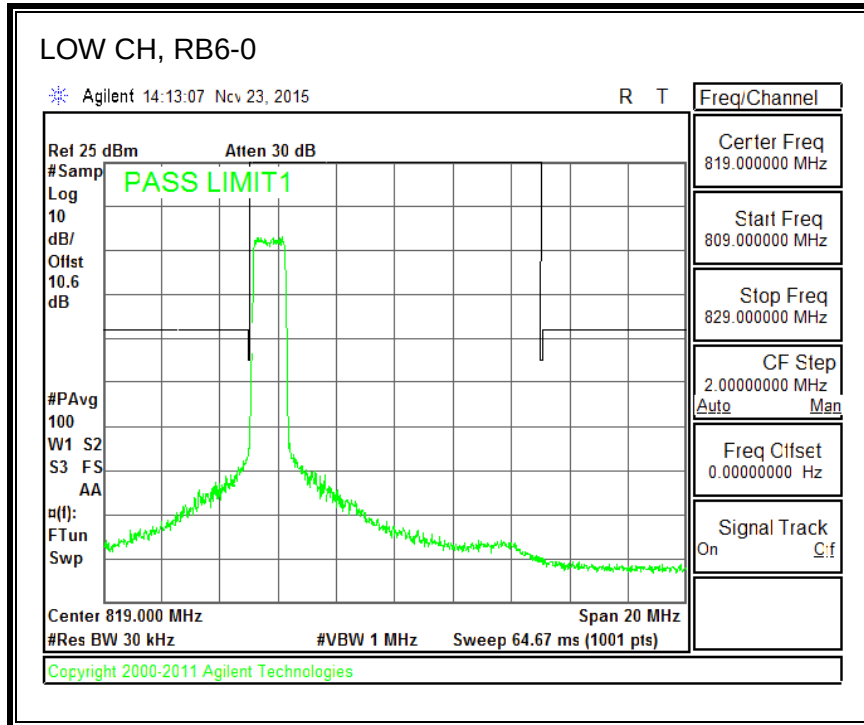


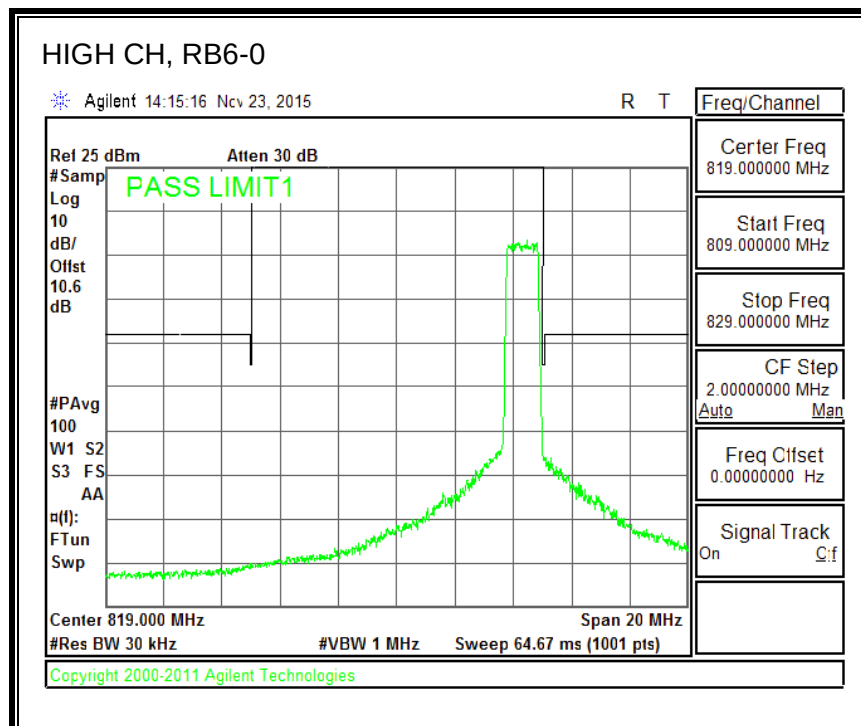
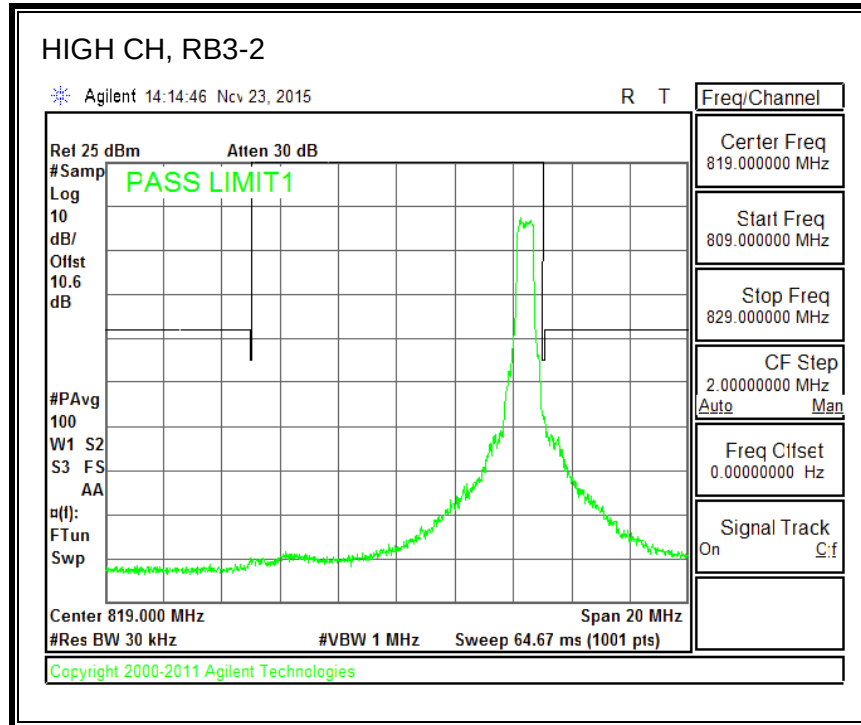




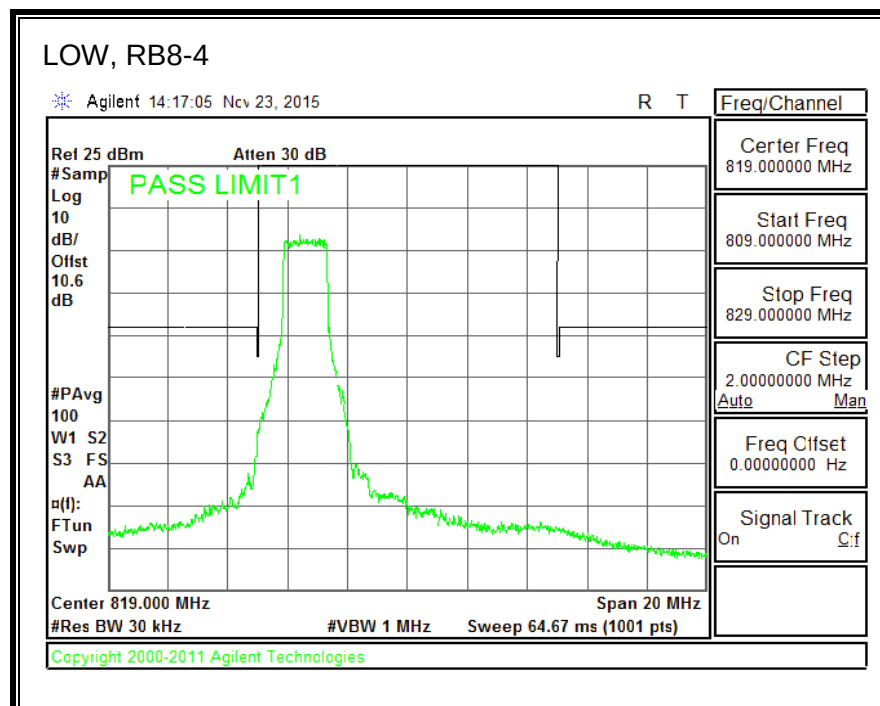
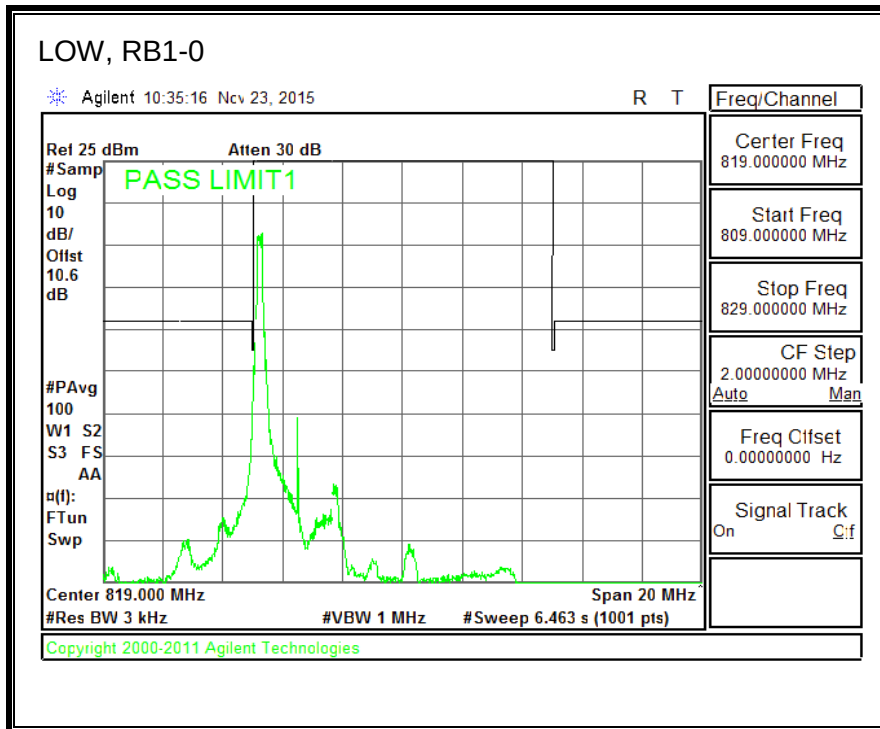
16QAM, (1.4 MHz BAND WIDTH)

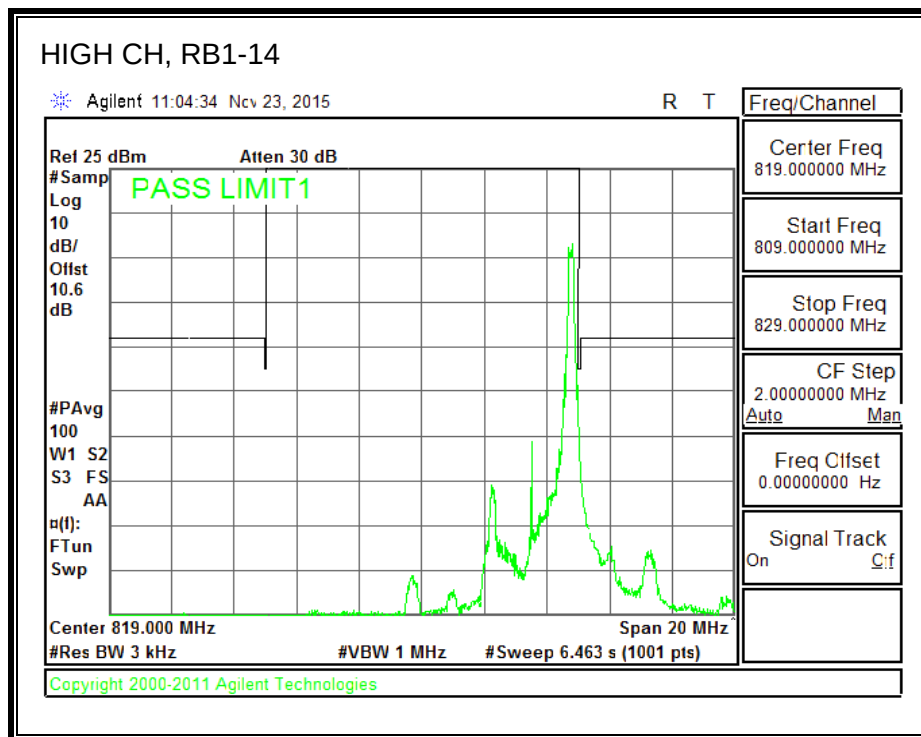
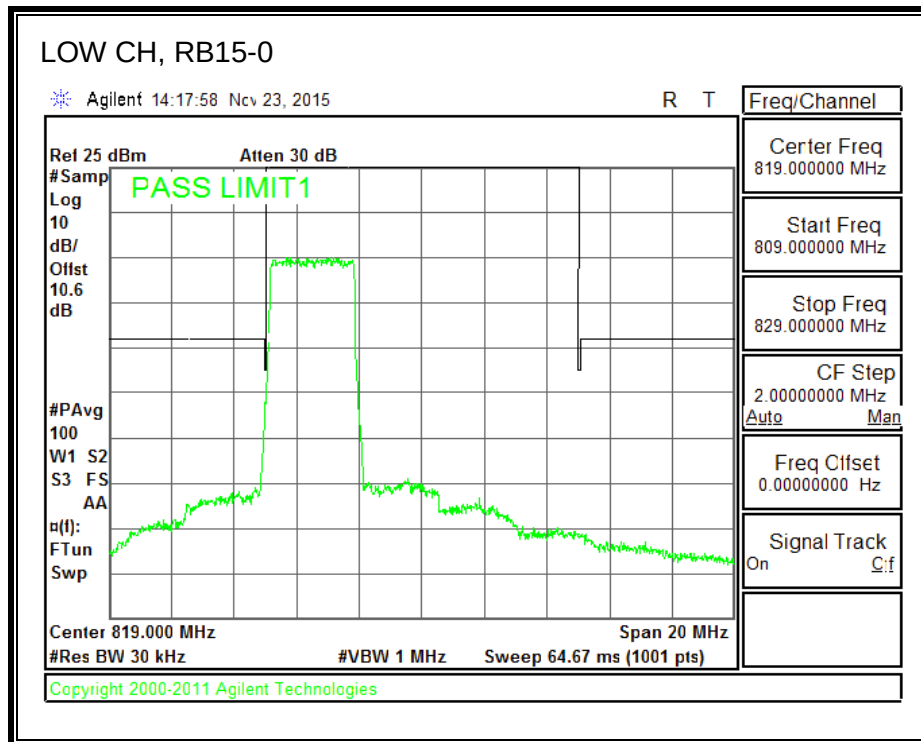


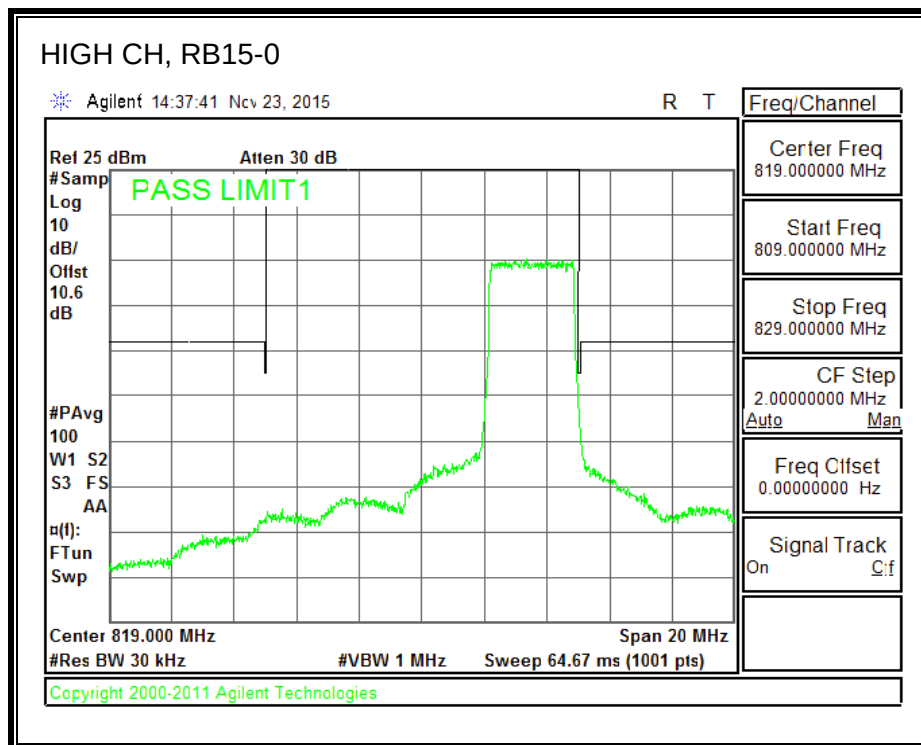
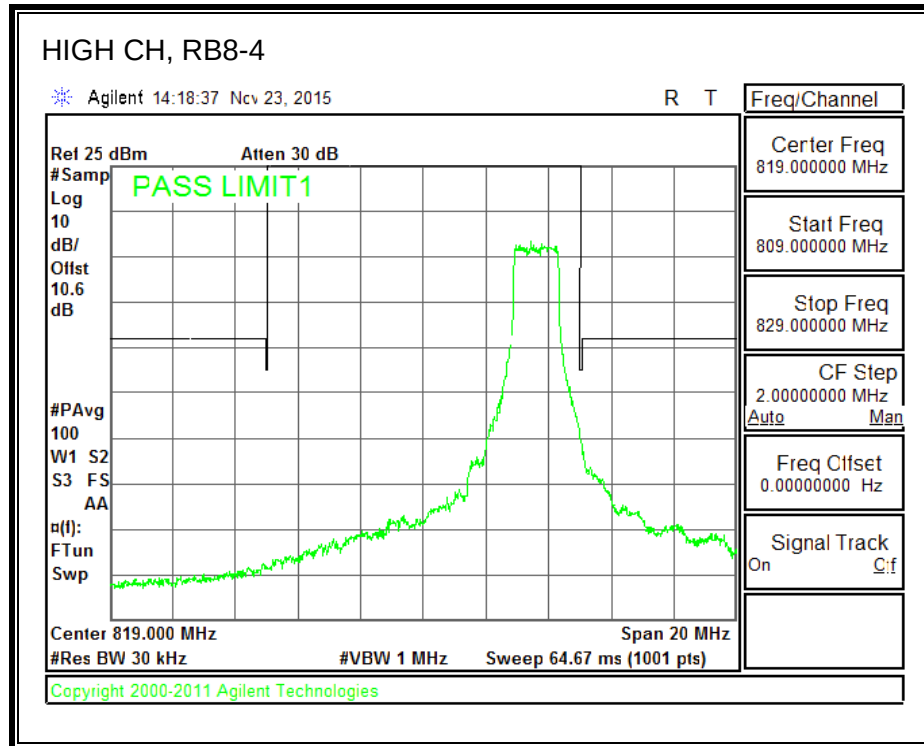




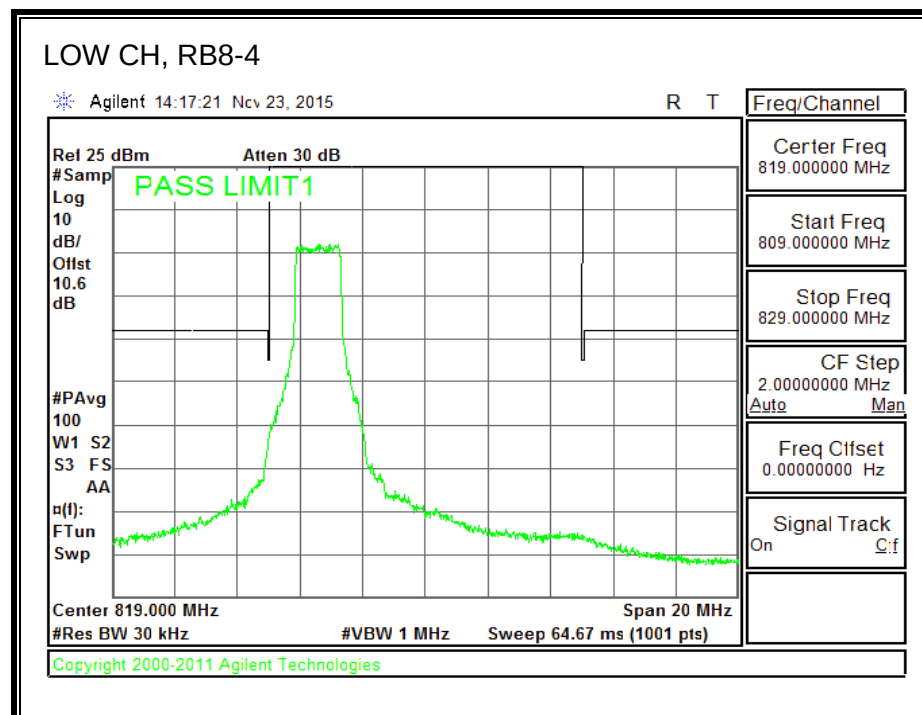
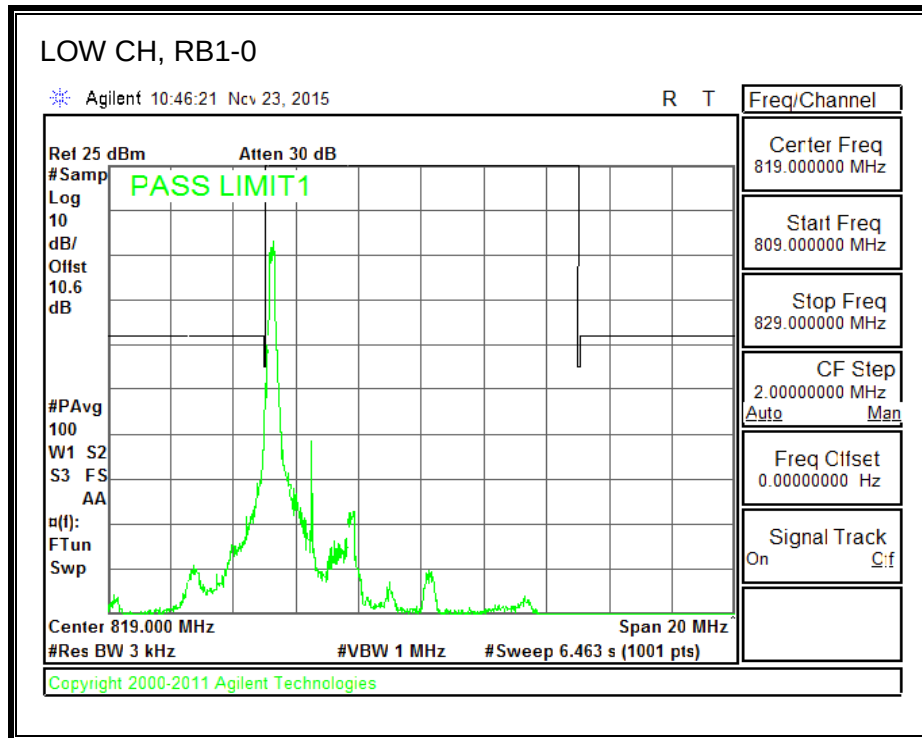
QPSK, (3.0 MHz BAND WIDTH)

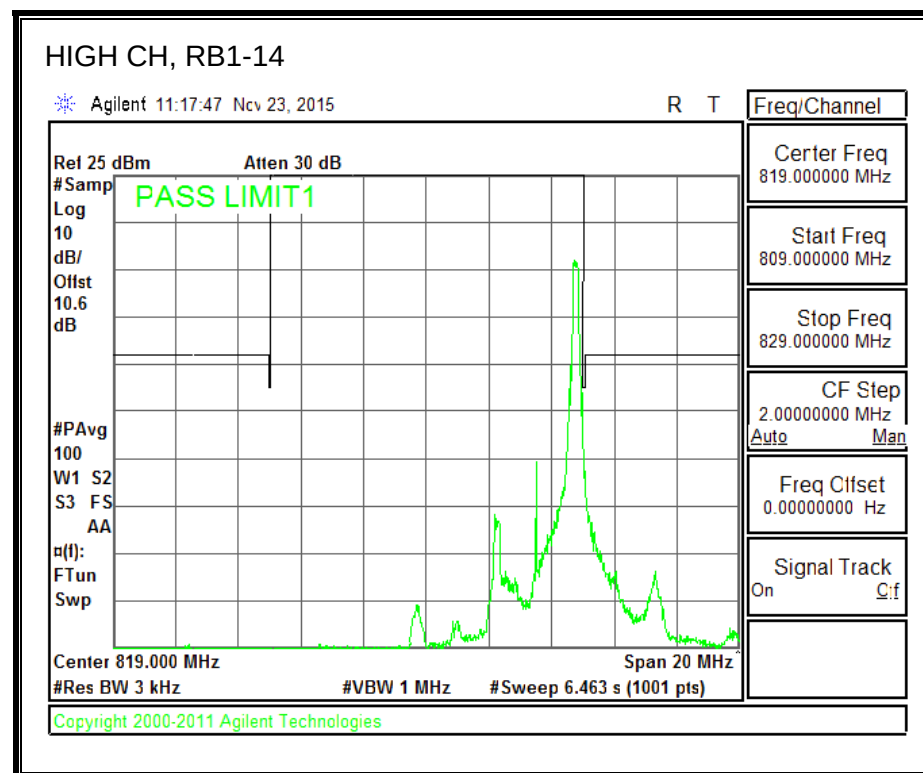
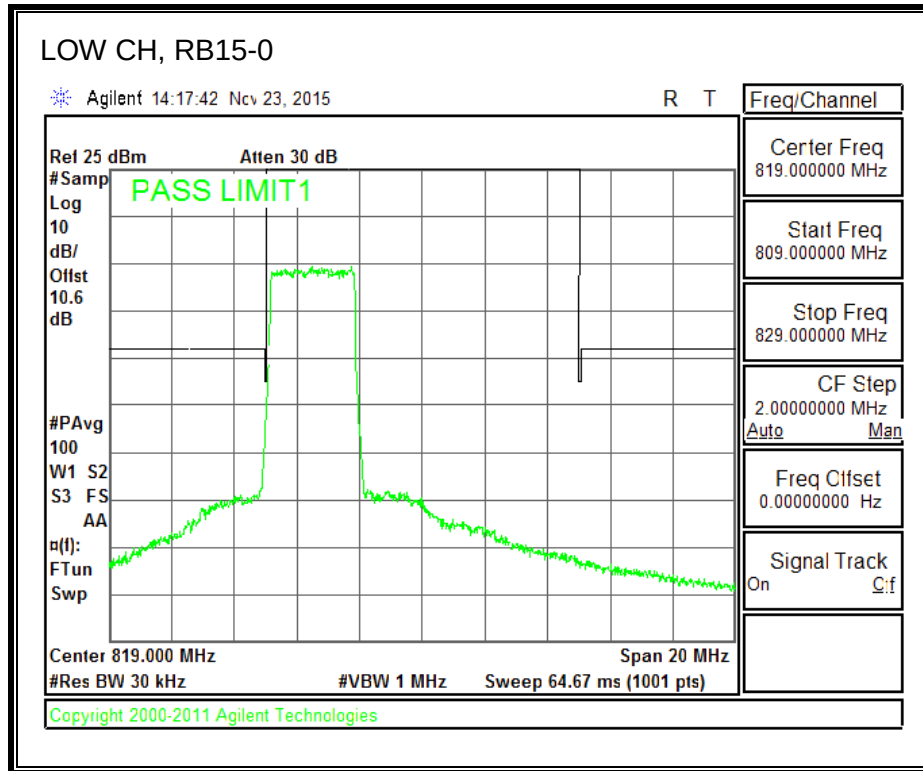


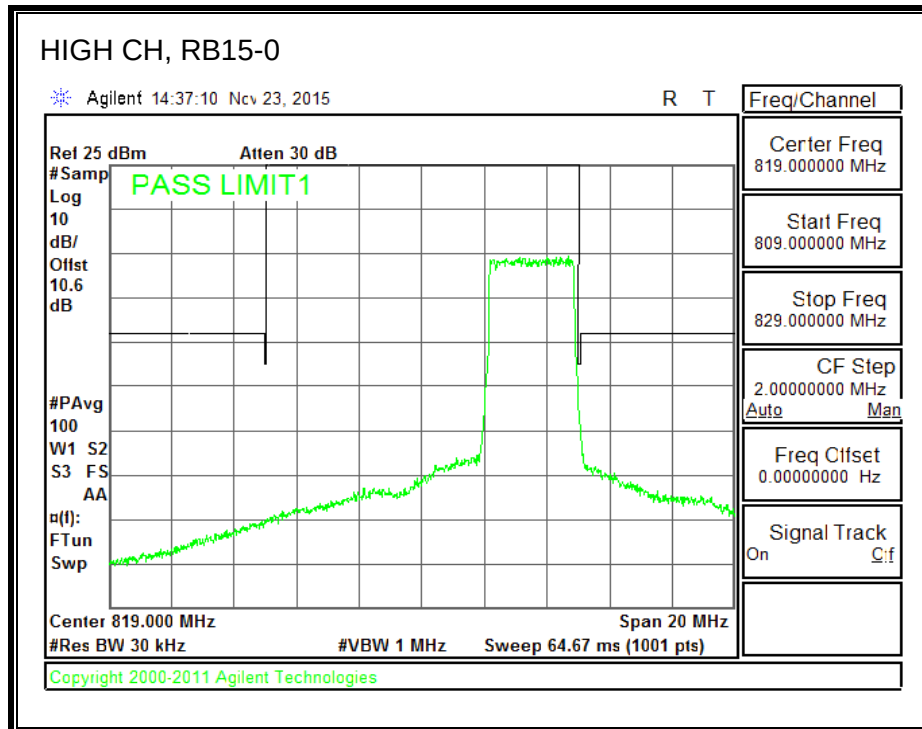
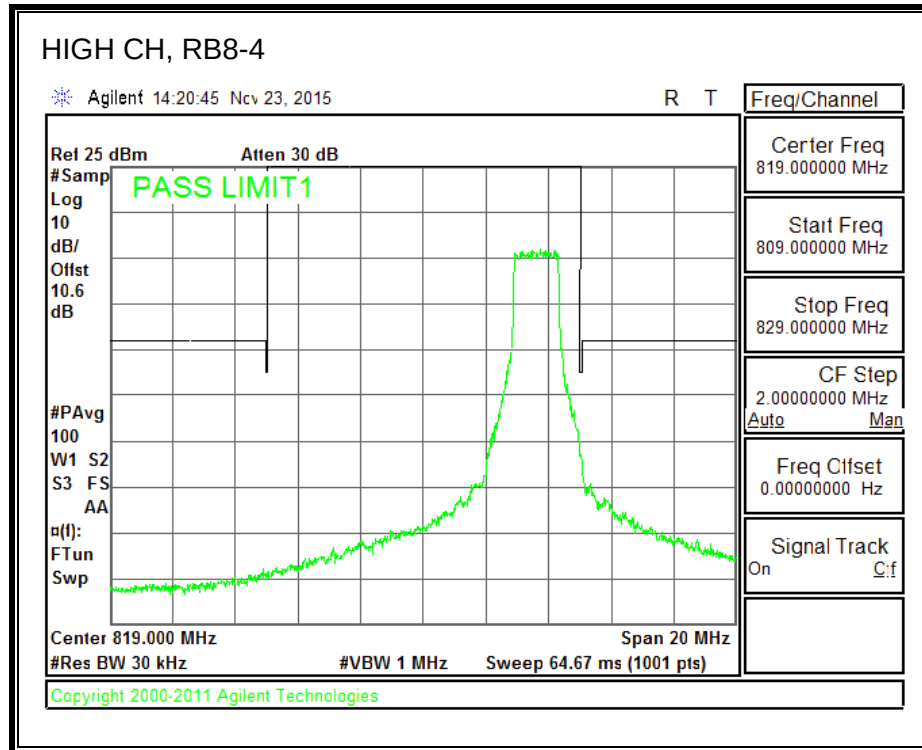




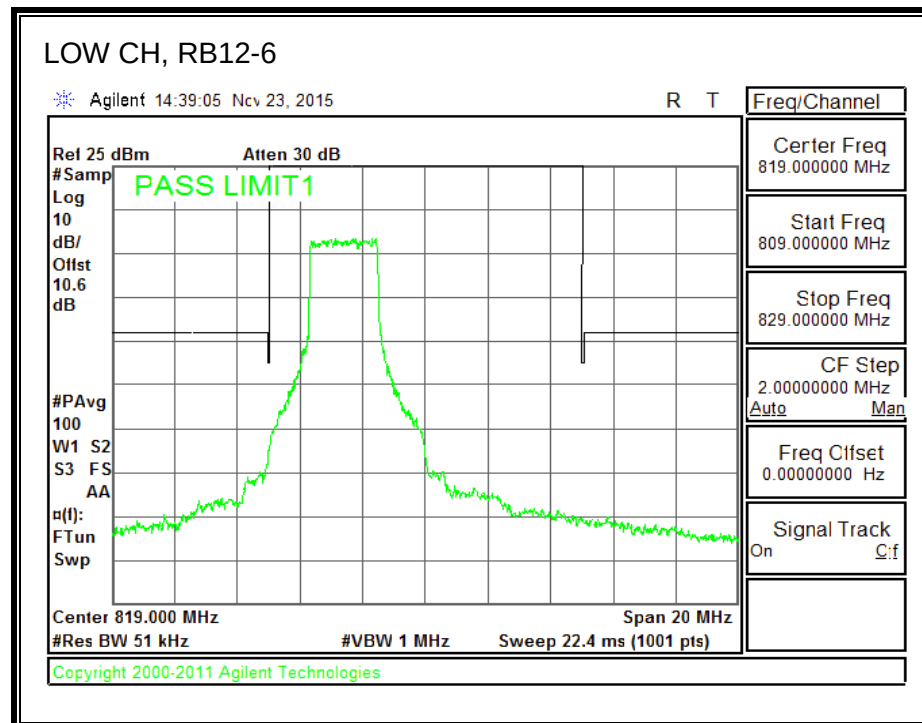
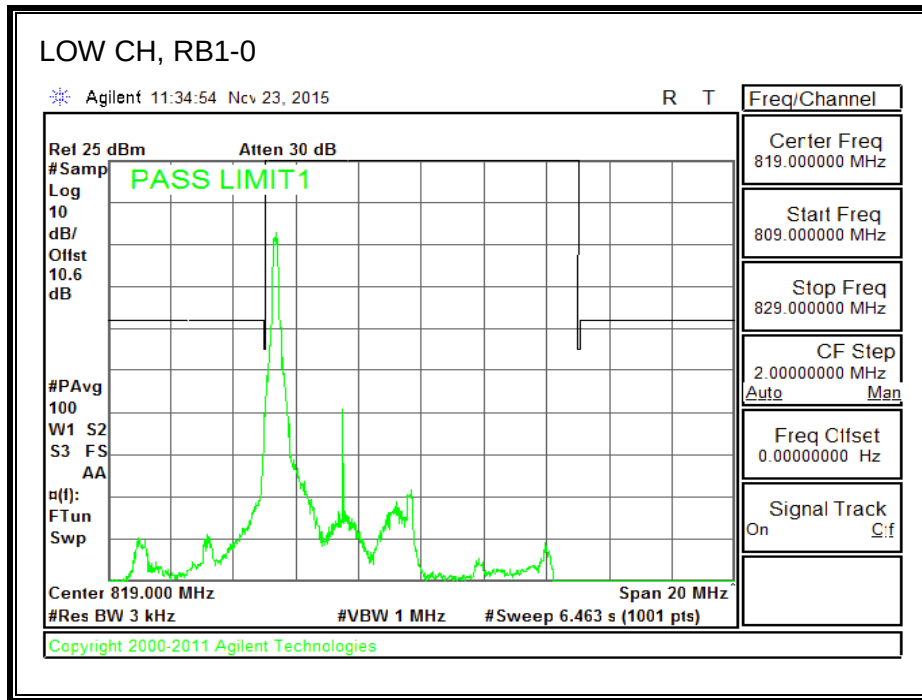
16QAM, (3.0 MHz BAND WIDTH)

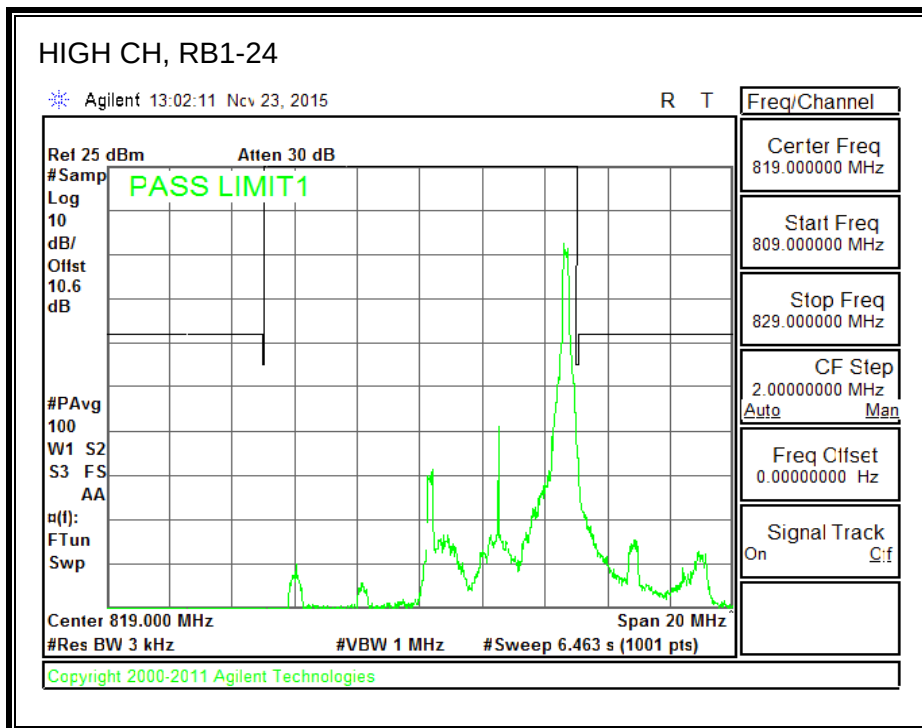
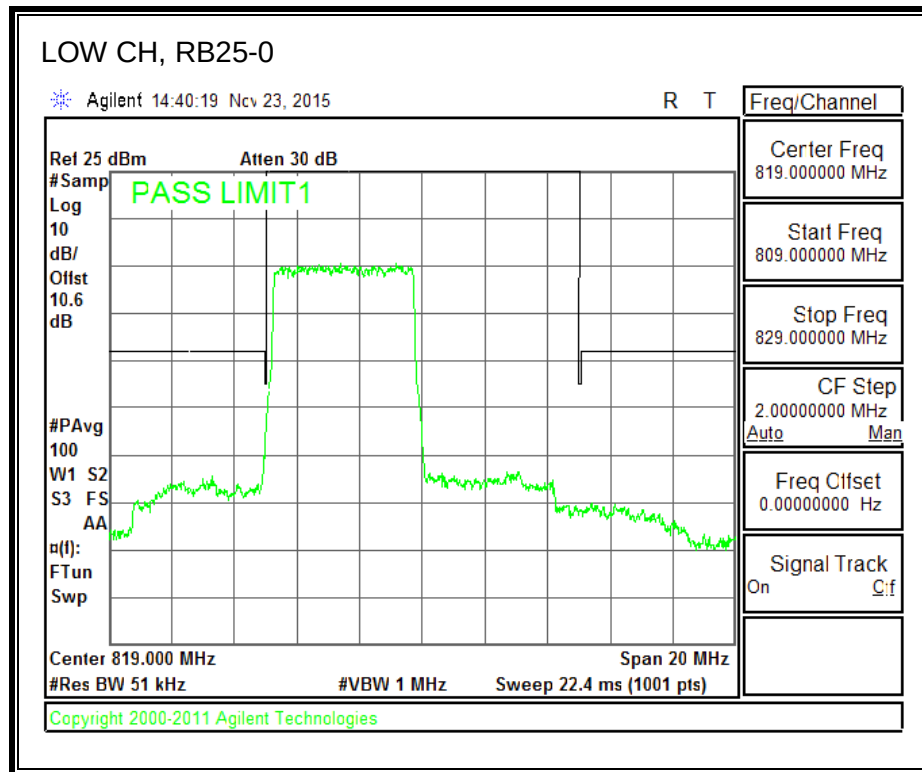


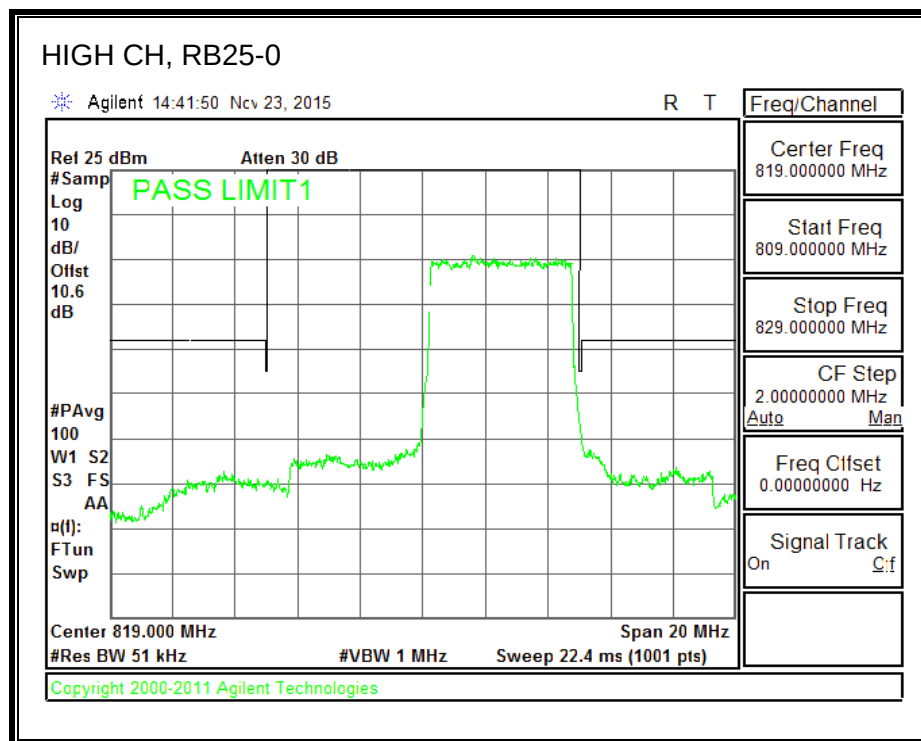
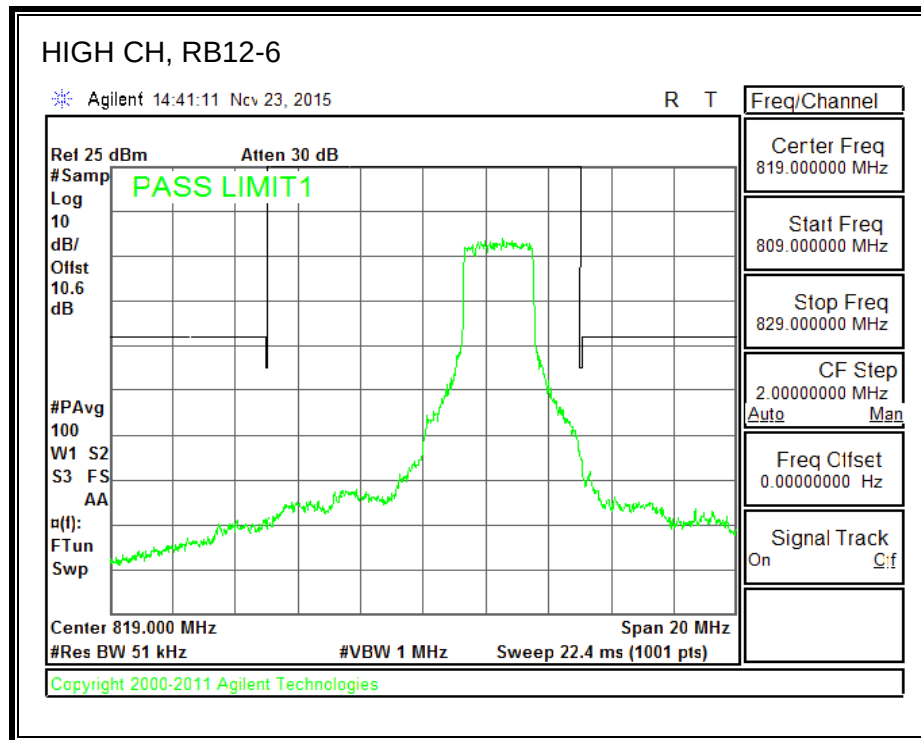




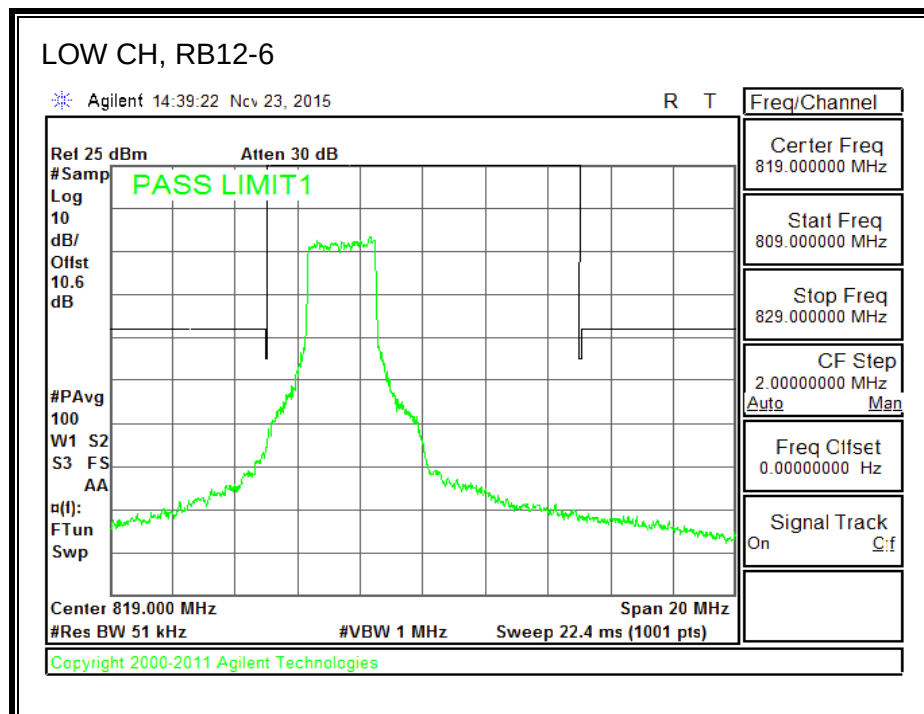
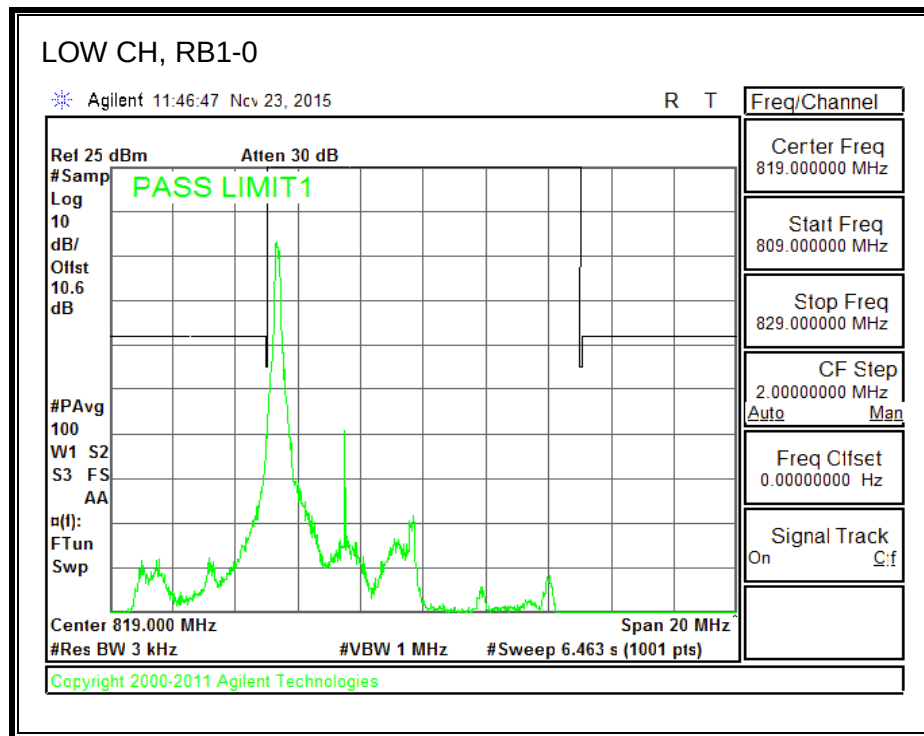
QPSK, (5.0 MHz BAND WIDTH)

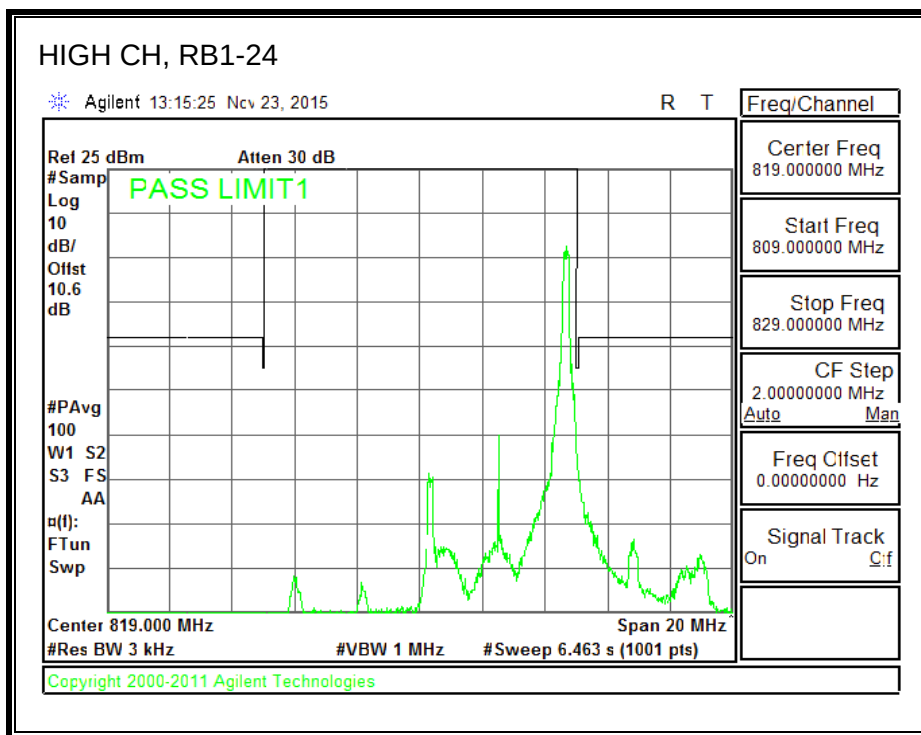
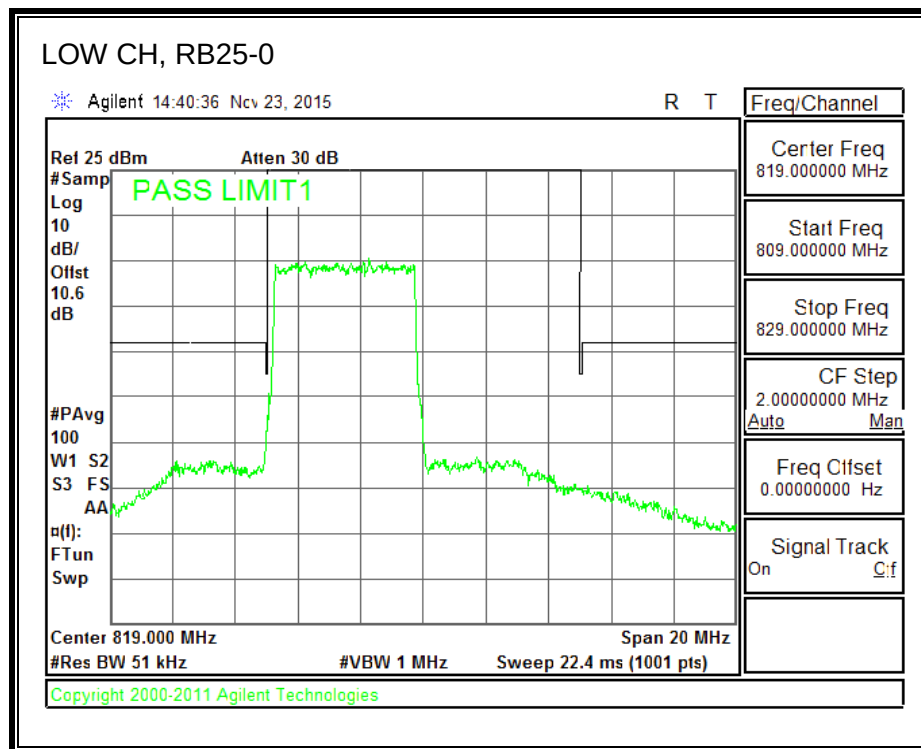


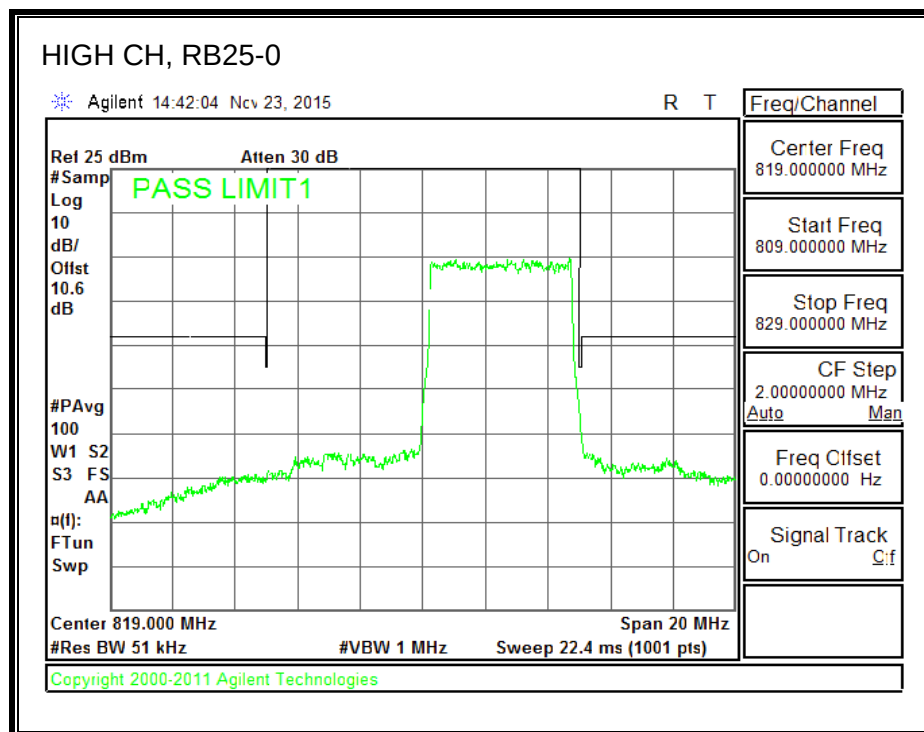
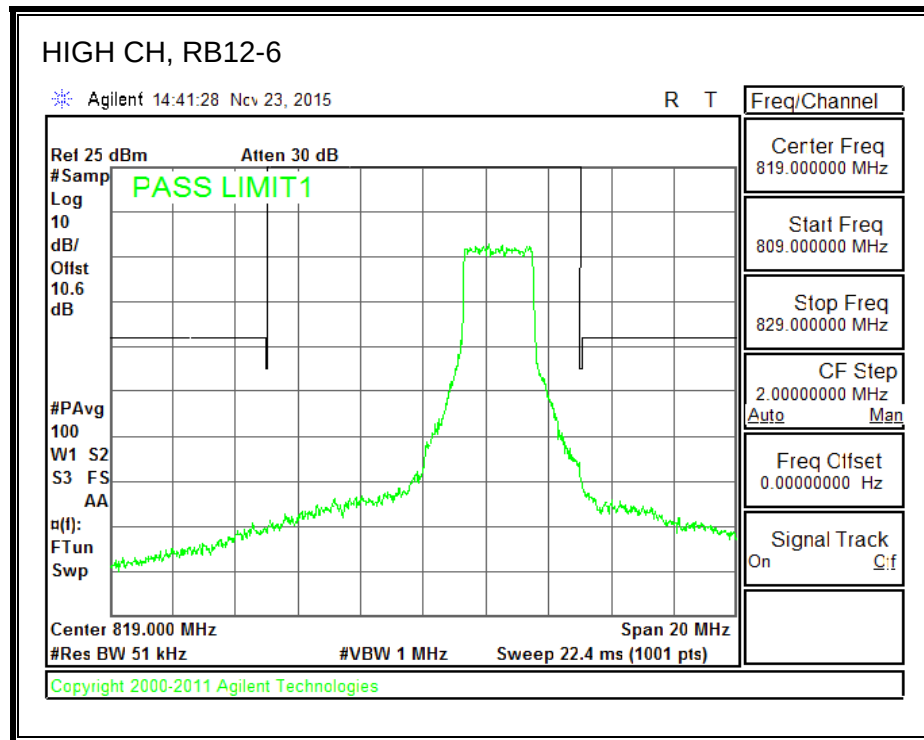




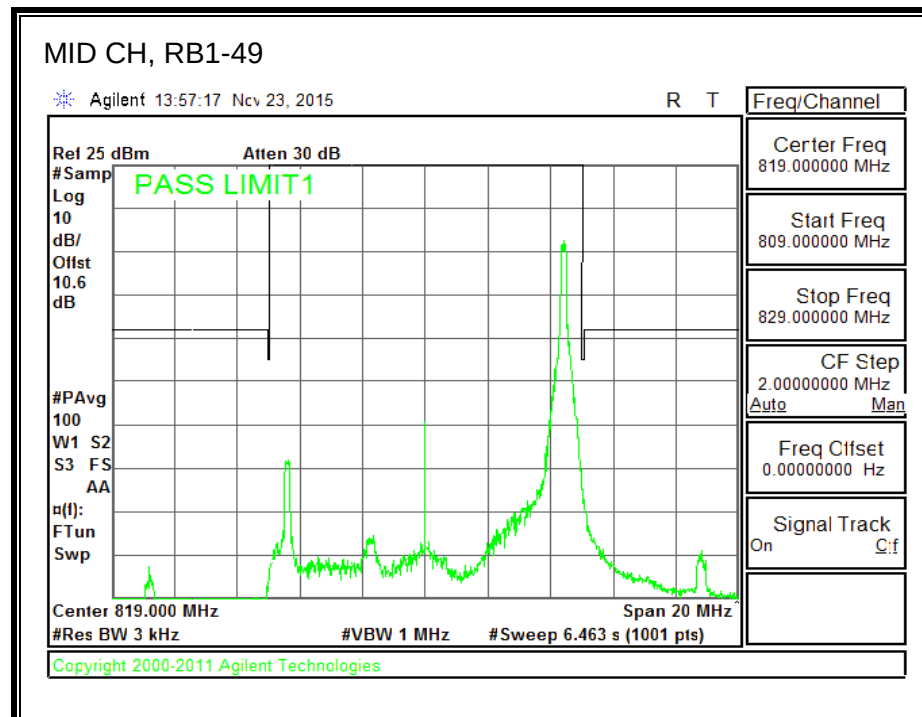
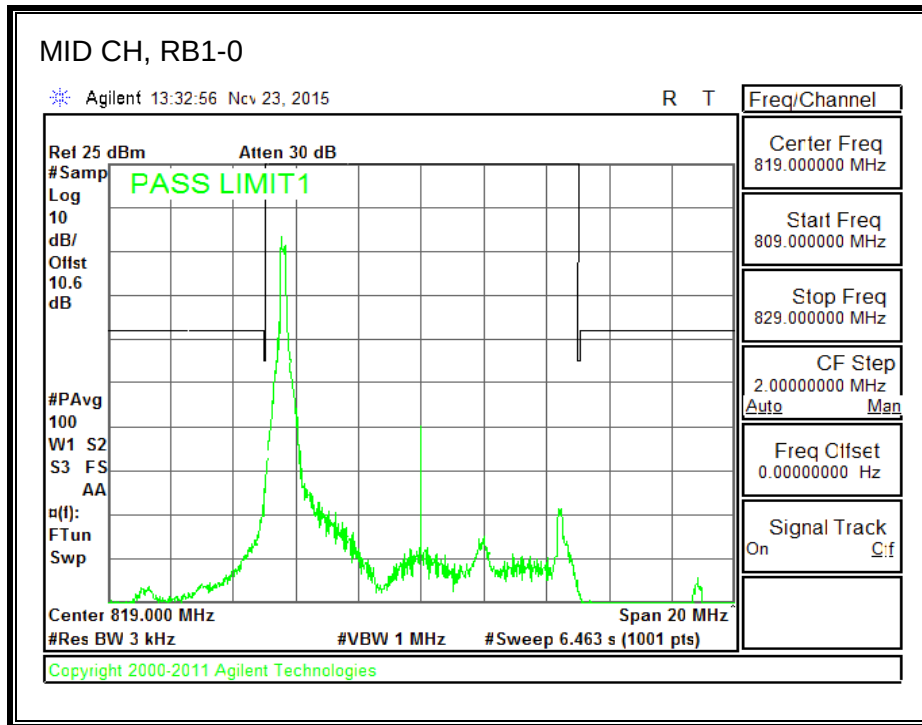
16QAM, (5.0 MHz BAND WIDTH)

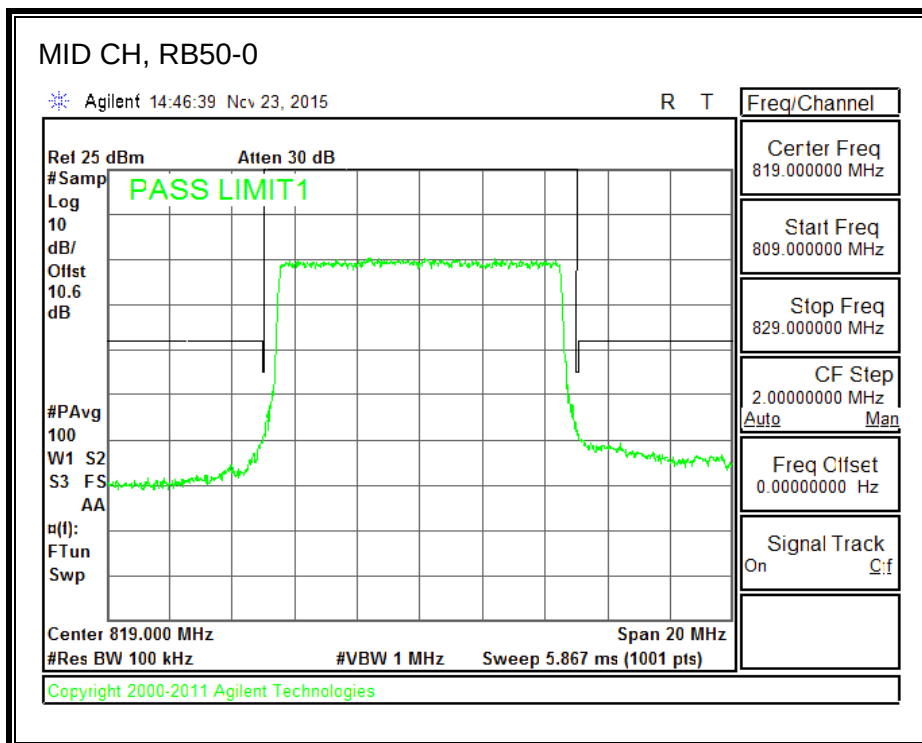
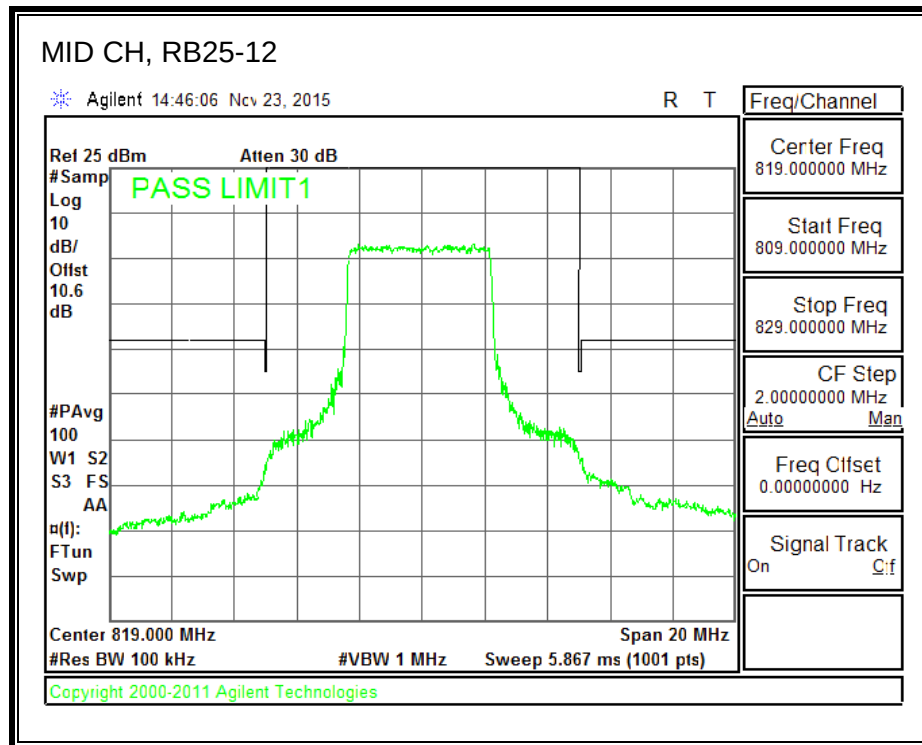




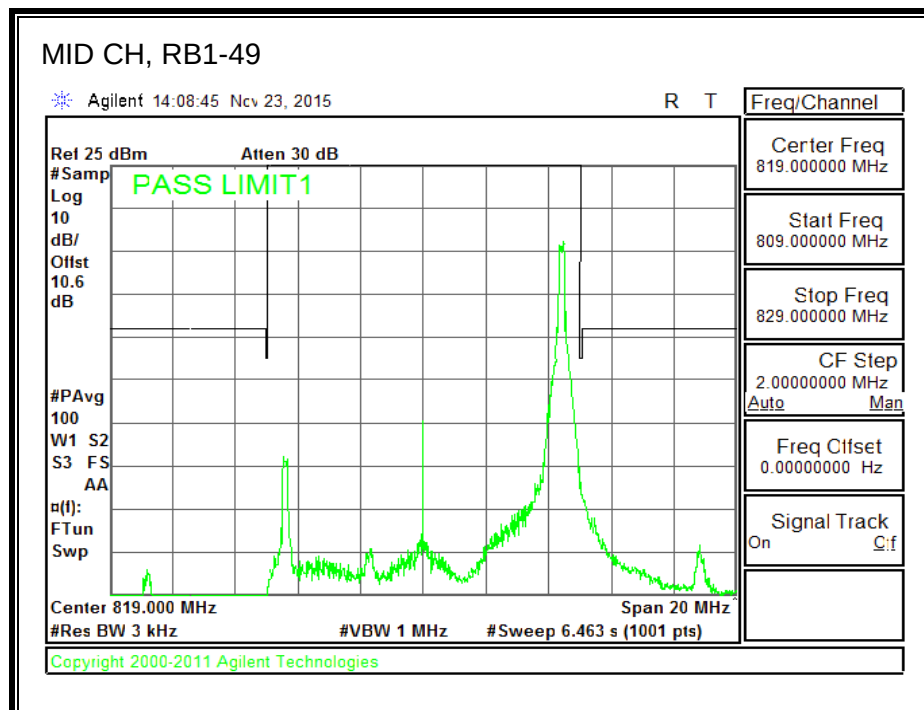
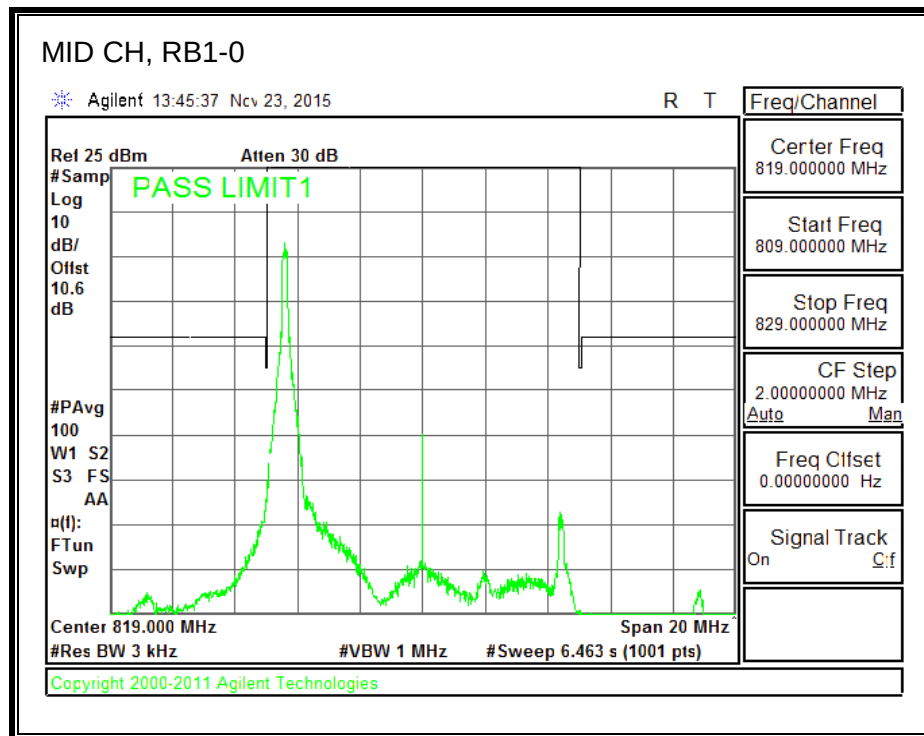


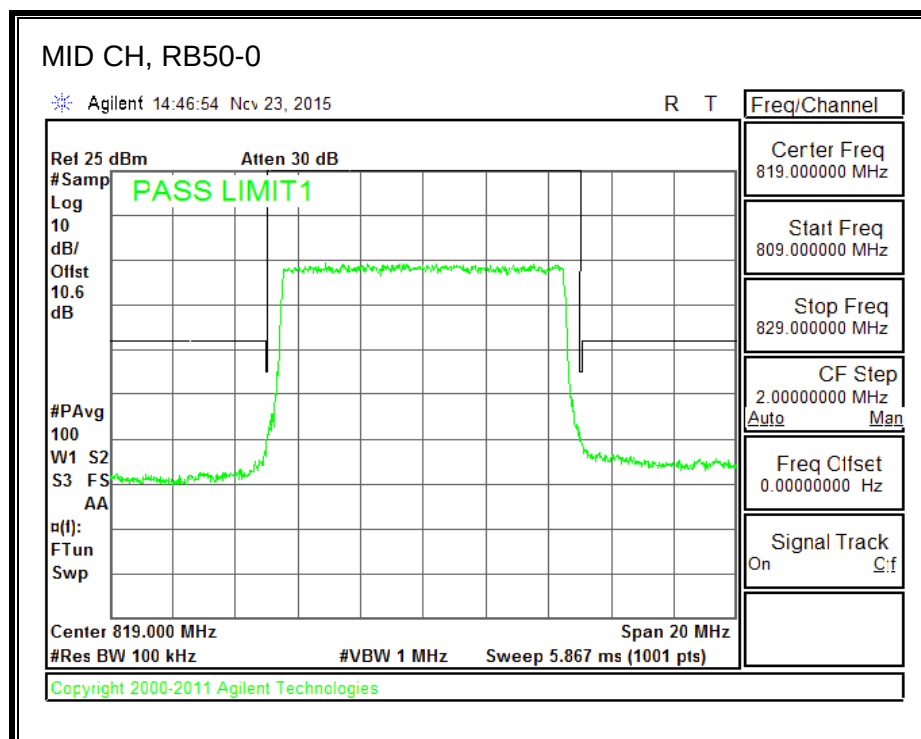
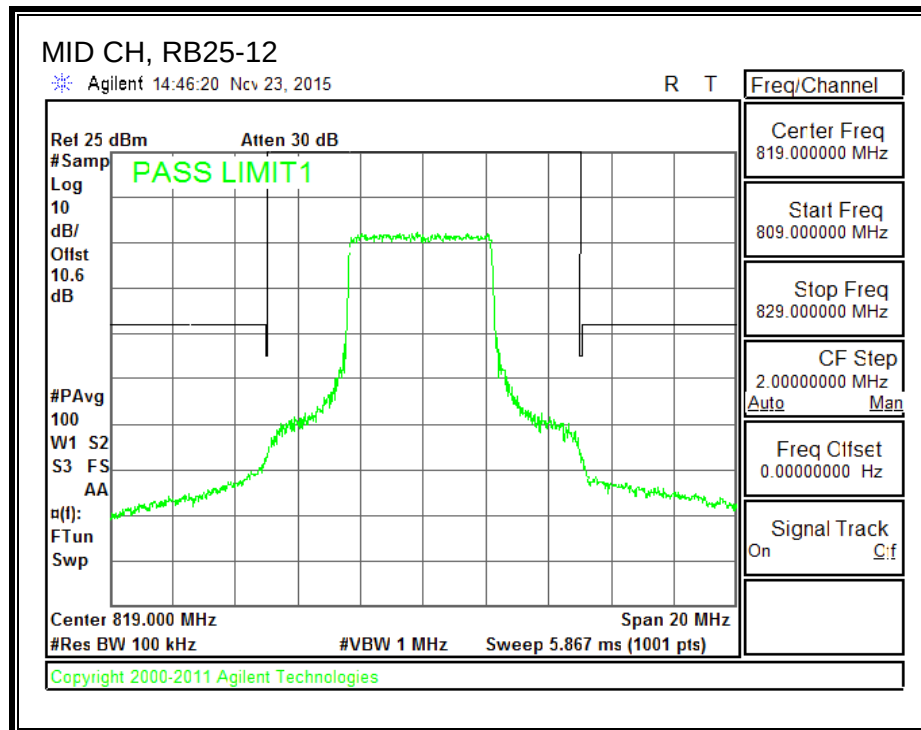
QPSK, (10.0 MHz BAND WIDTH)





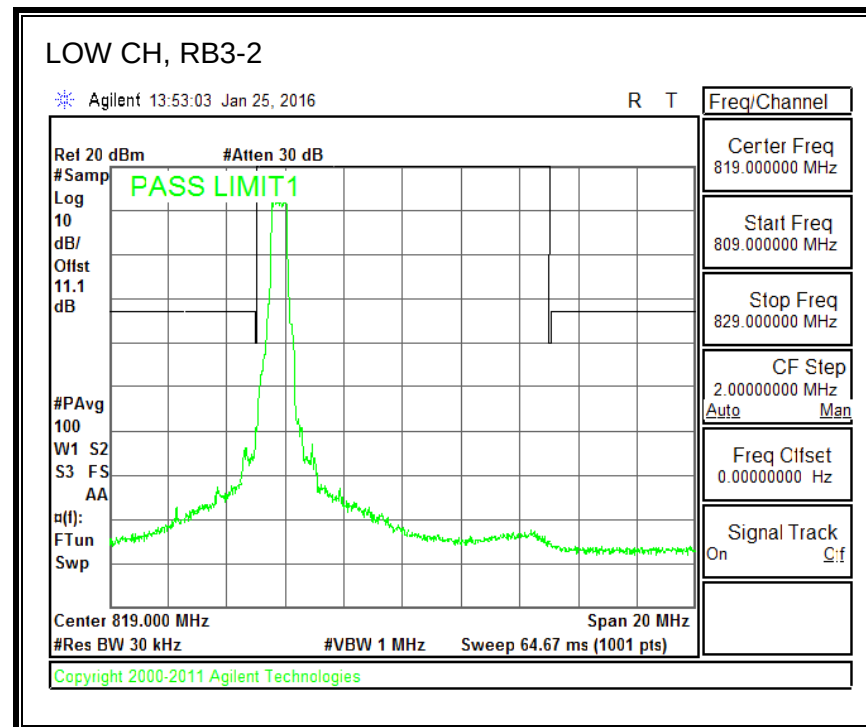
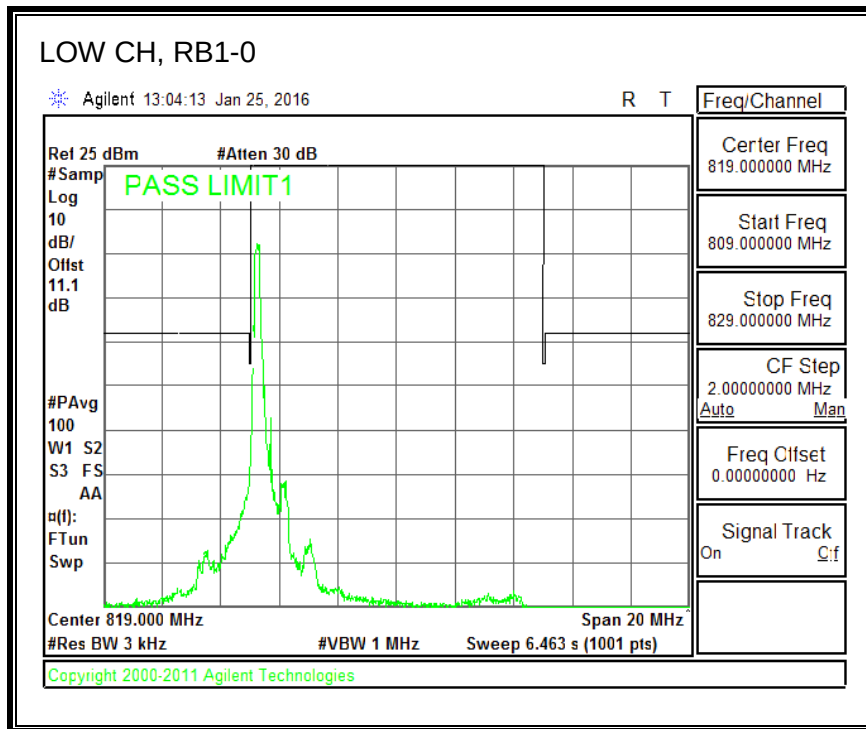
16QAM, (10.0 MHz BAND WIDTH)

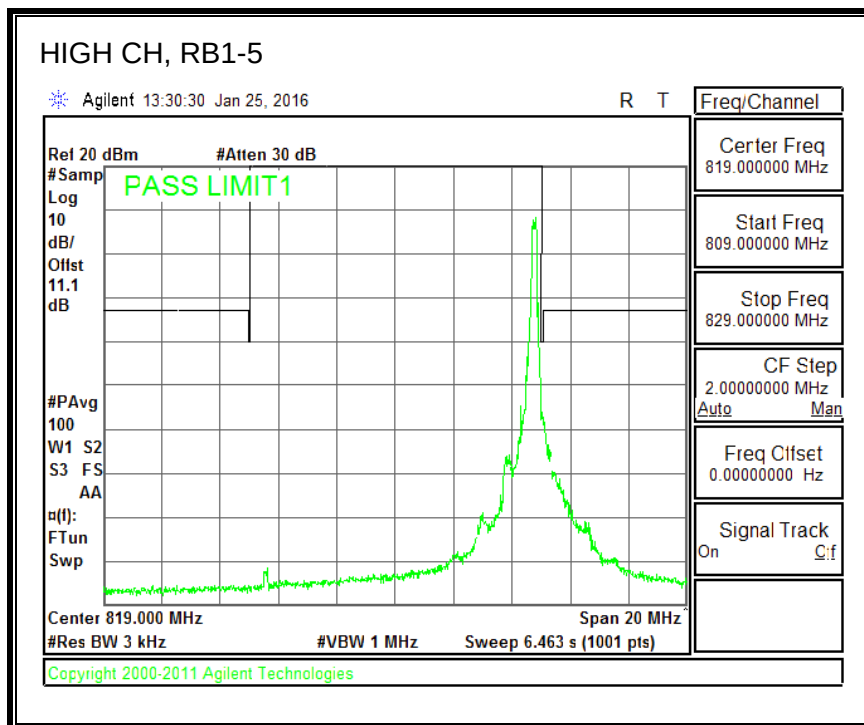
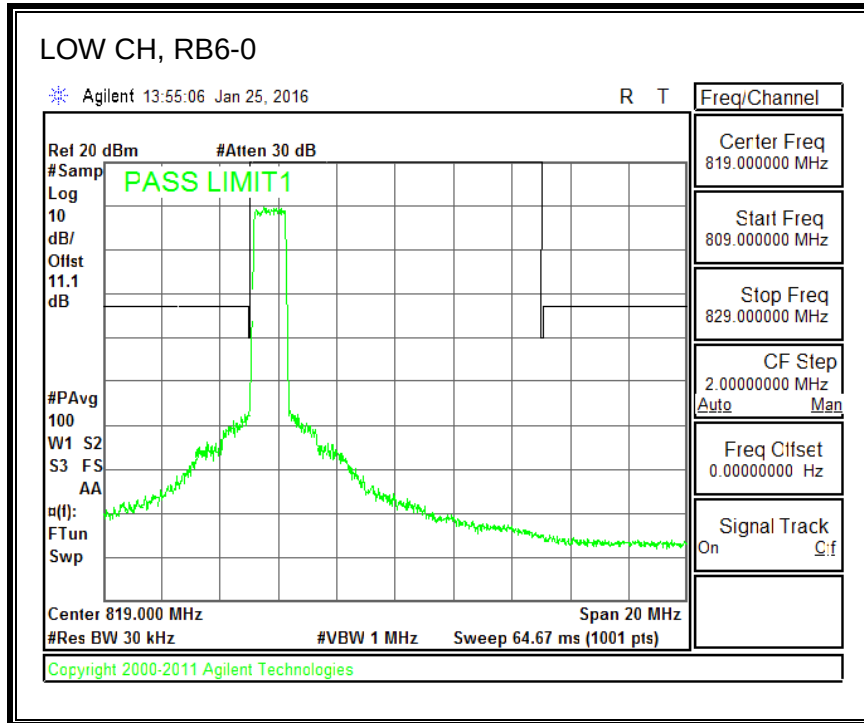


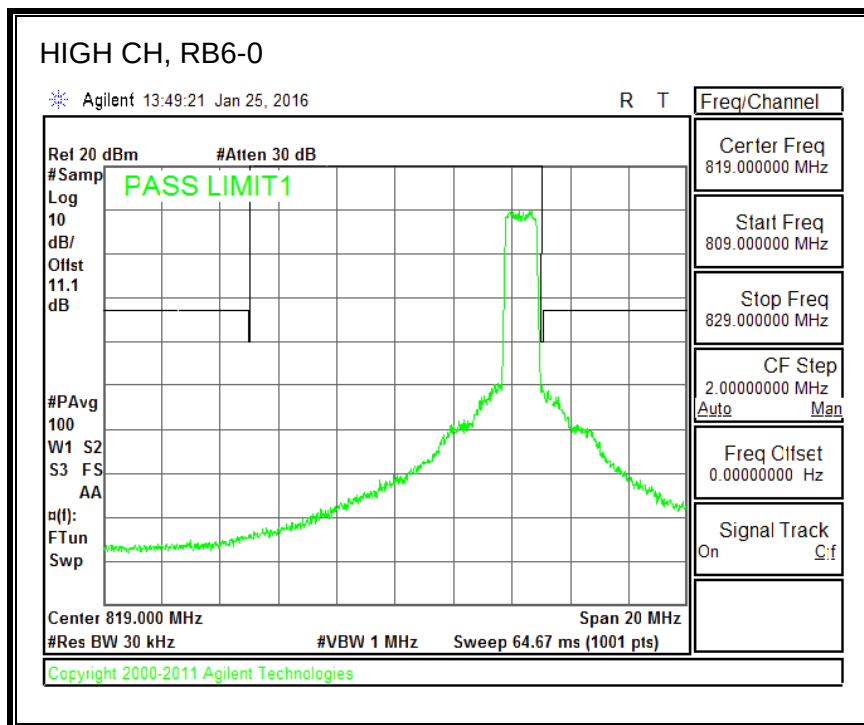
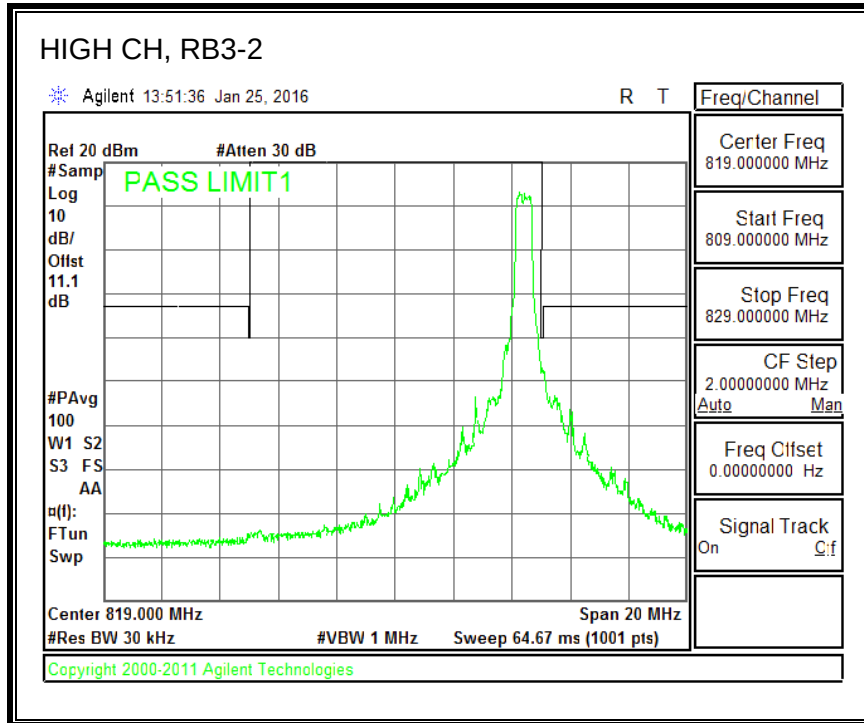


8.2.10. LTE BAND 27 EMISSION MASK

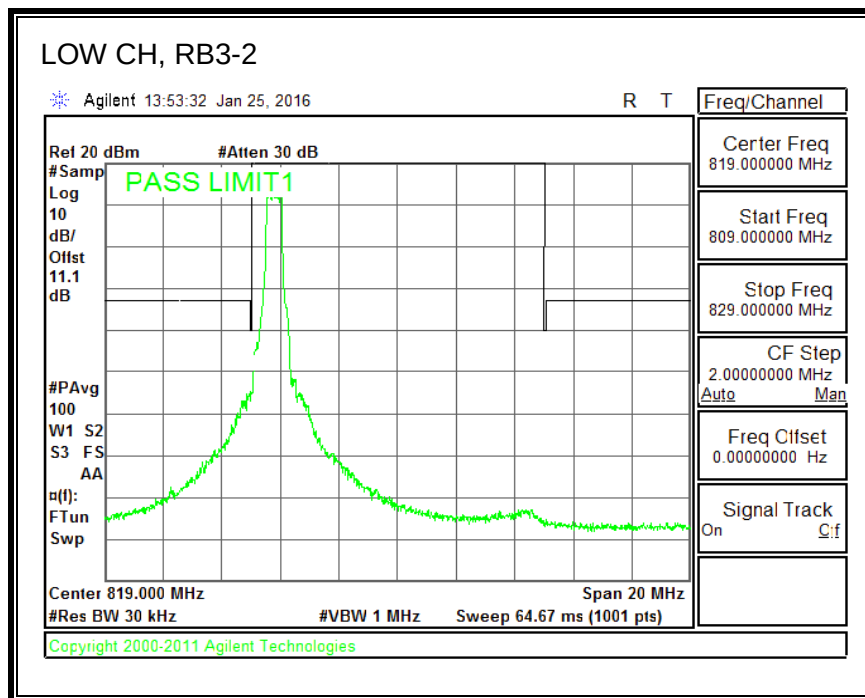
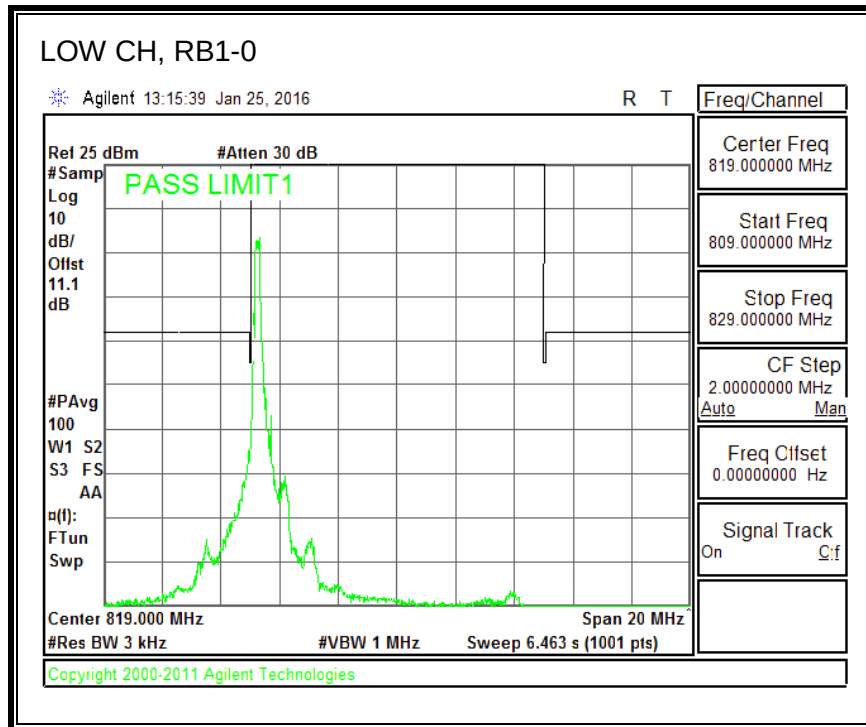
QPSK, (1.4 MHz BAND WIDTH)

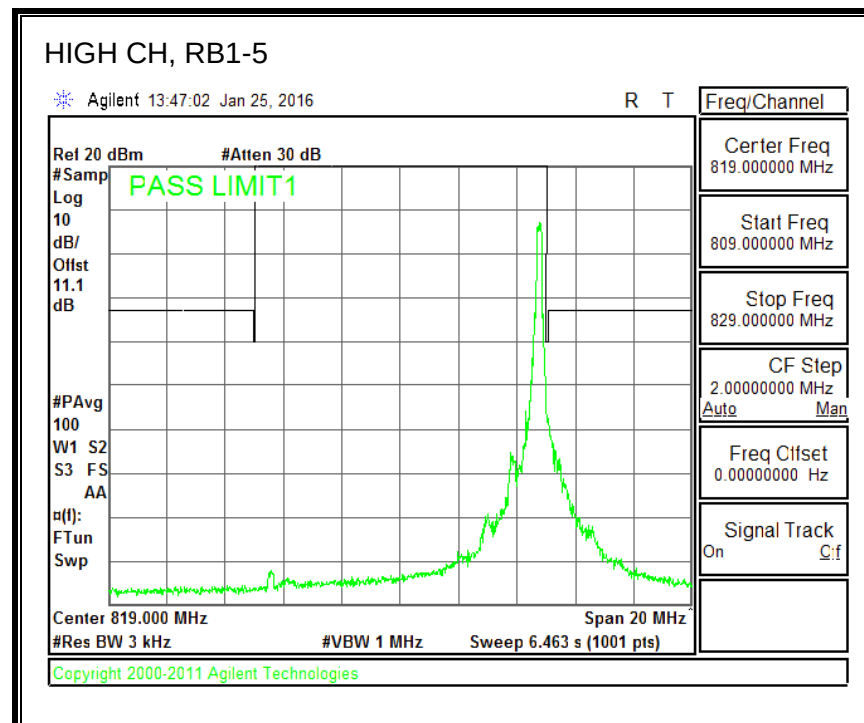
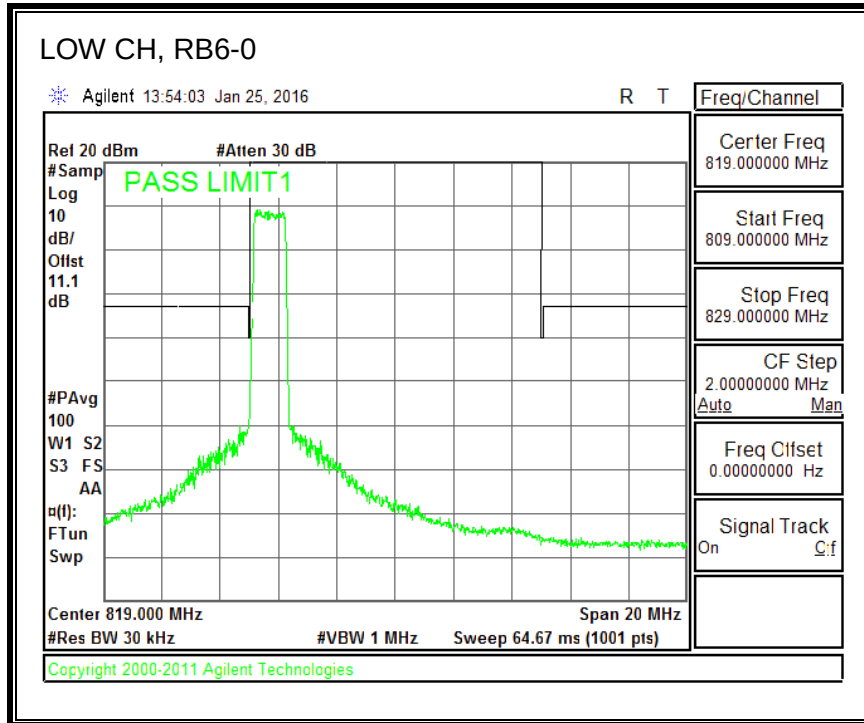


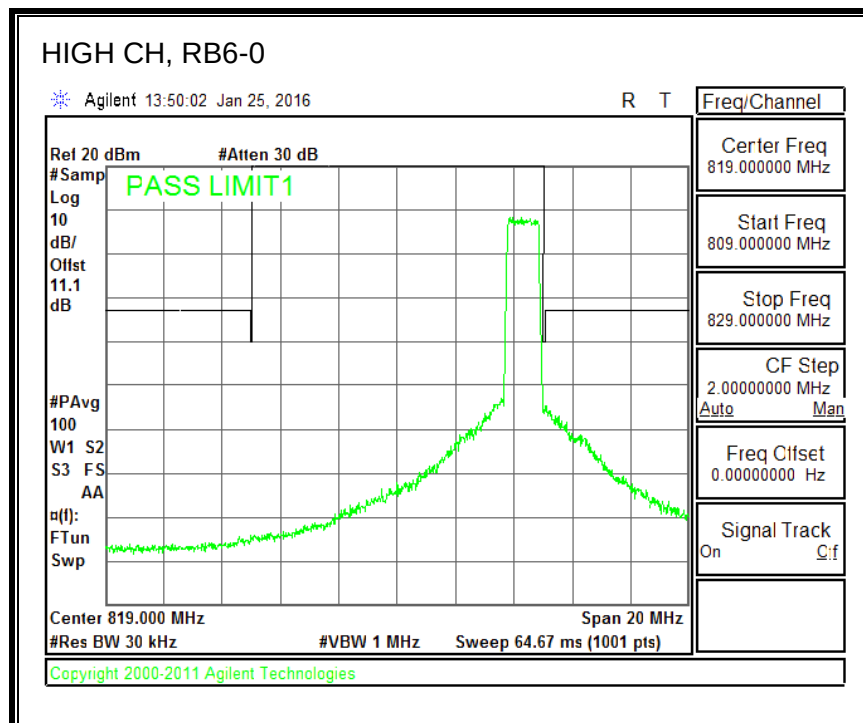
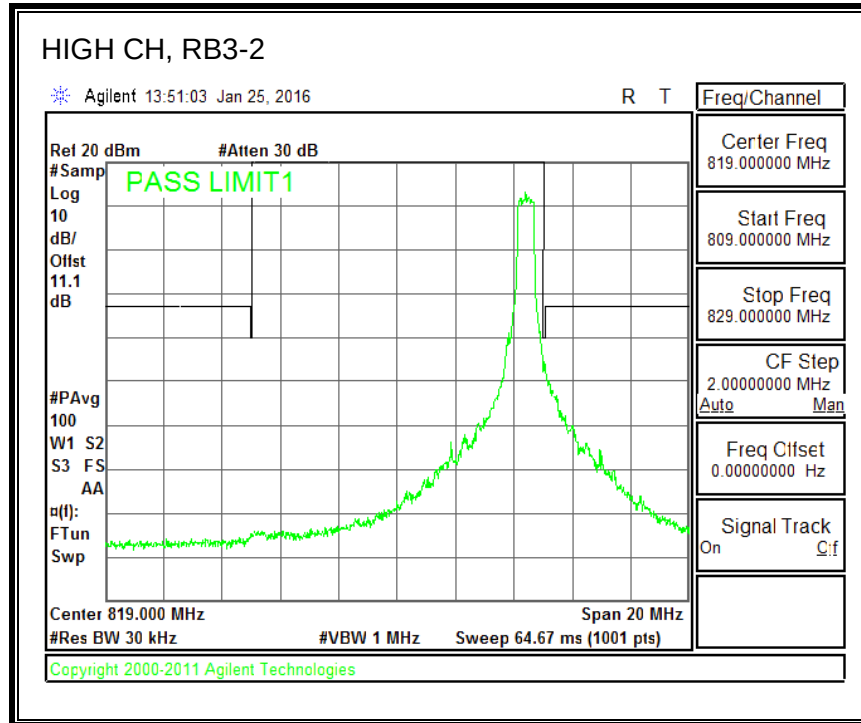




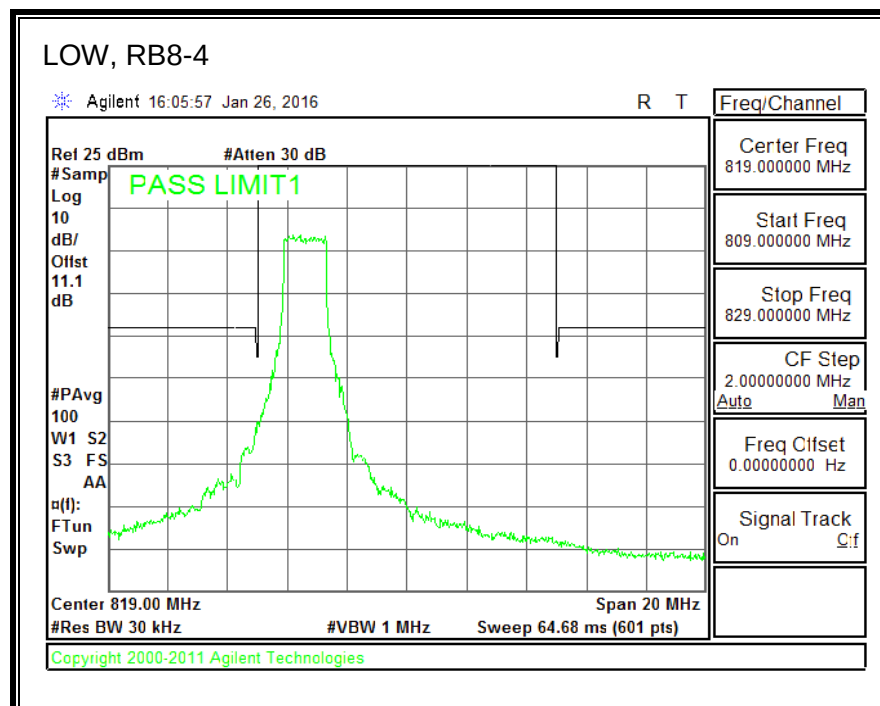
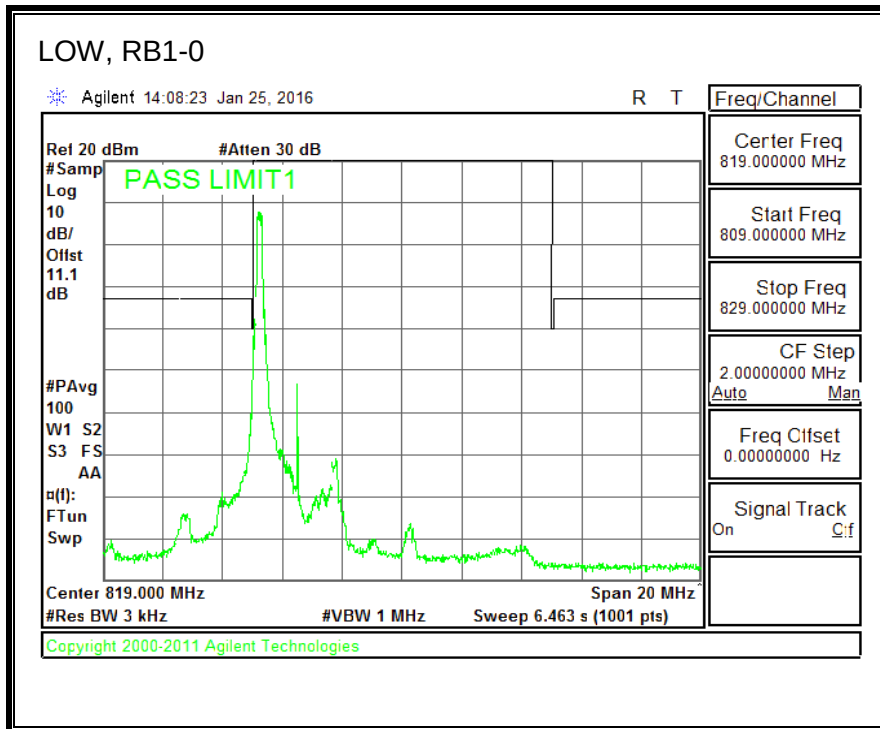
16QAM, (1.4 MHz BAND WIDTH)

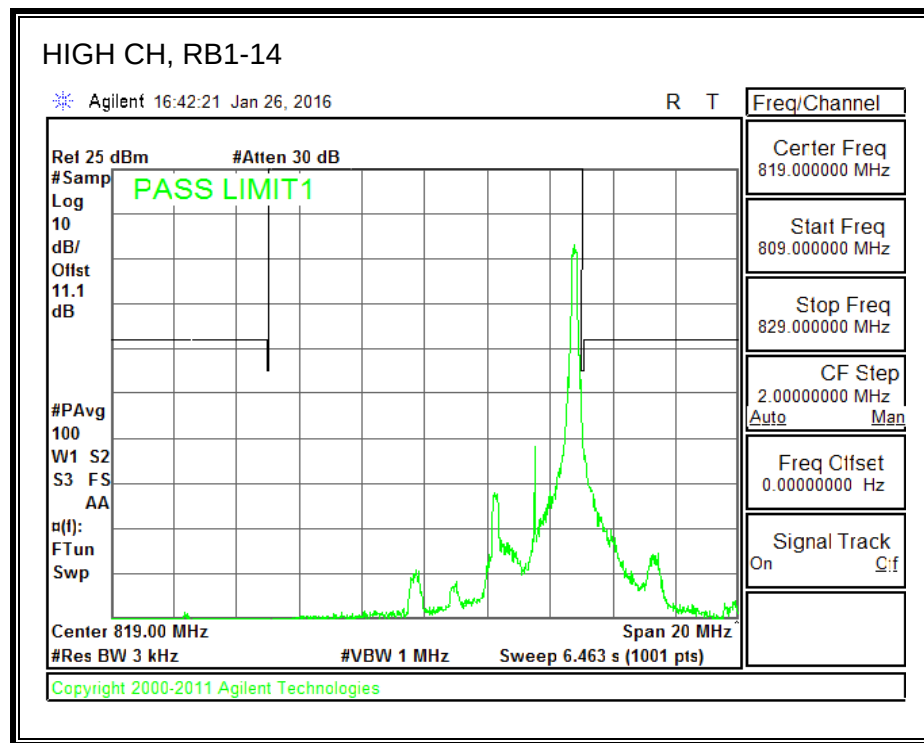
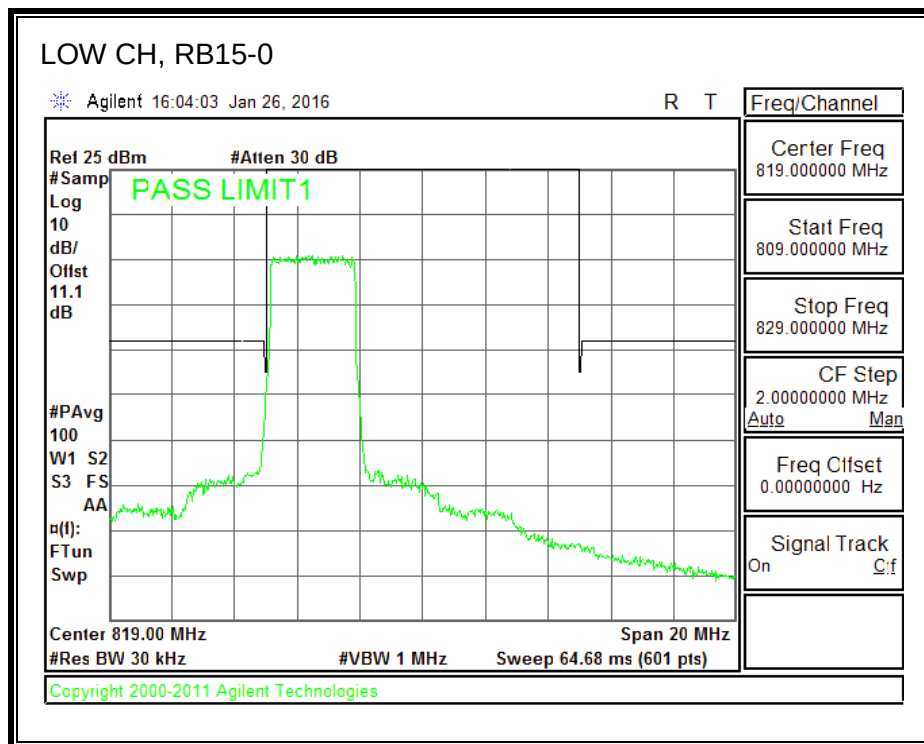


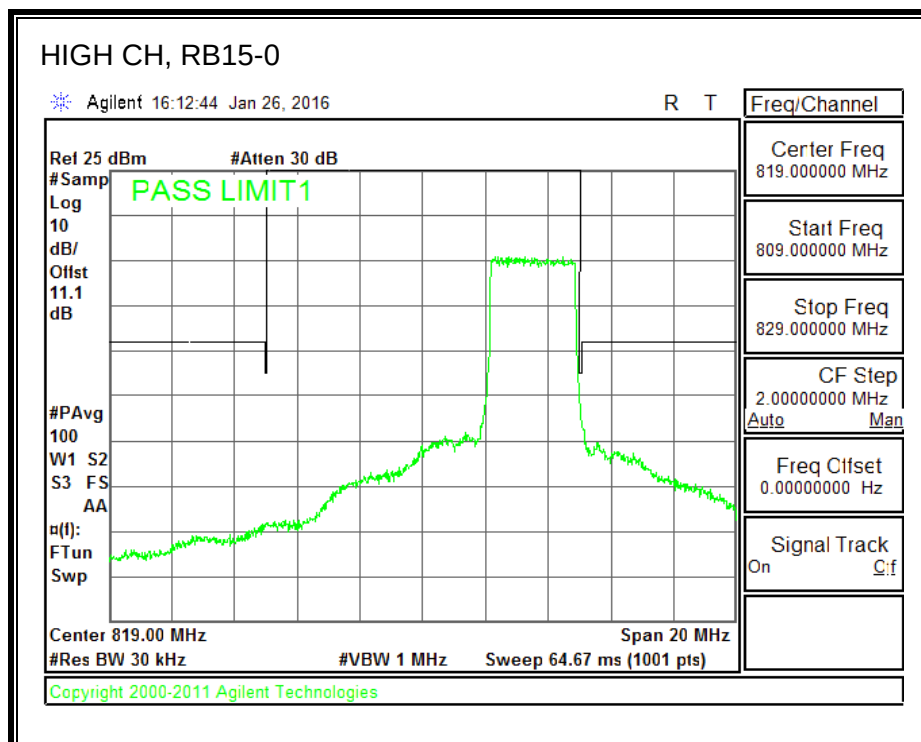
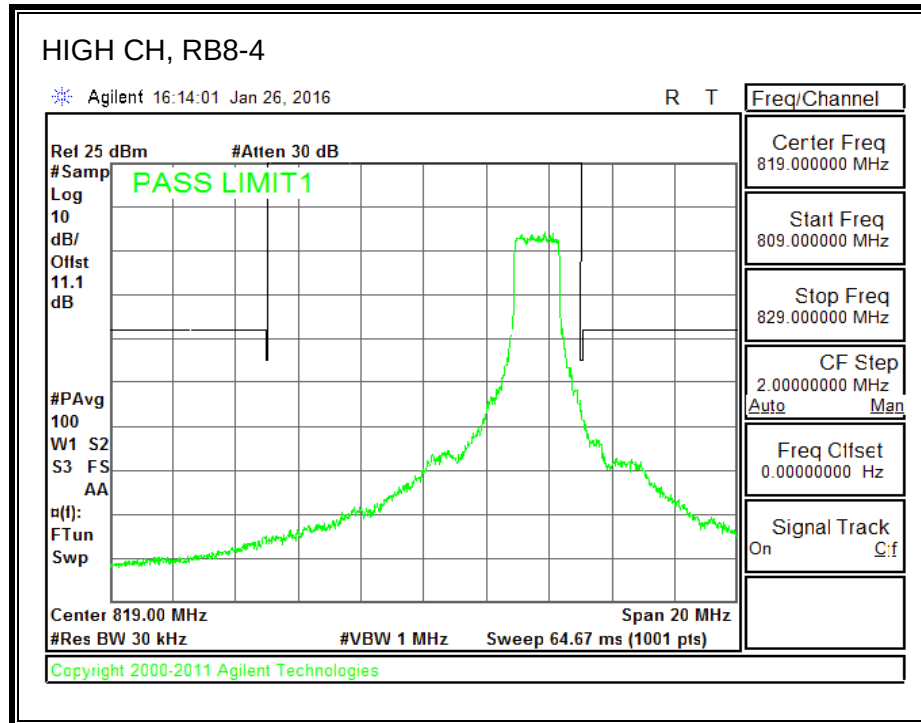




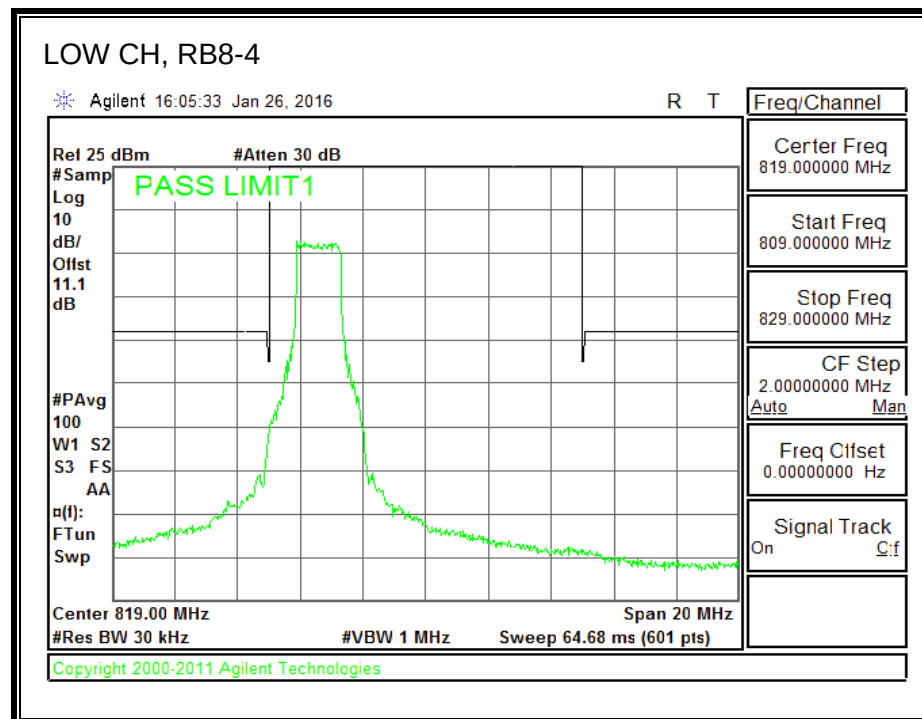
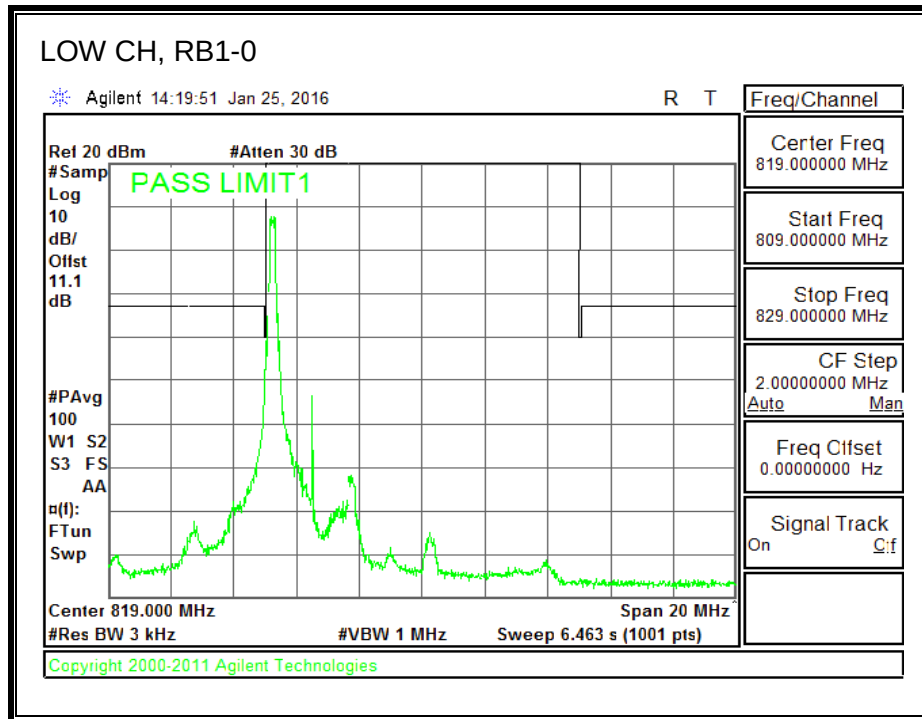
QPSK, (3.0 MHz BAND WIDTH)

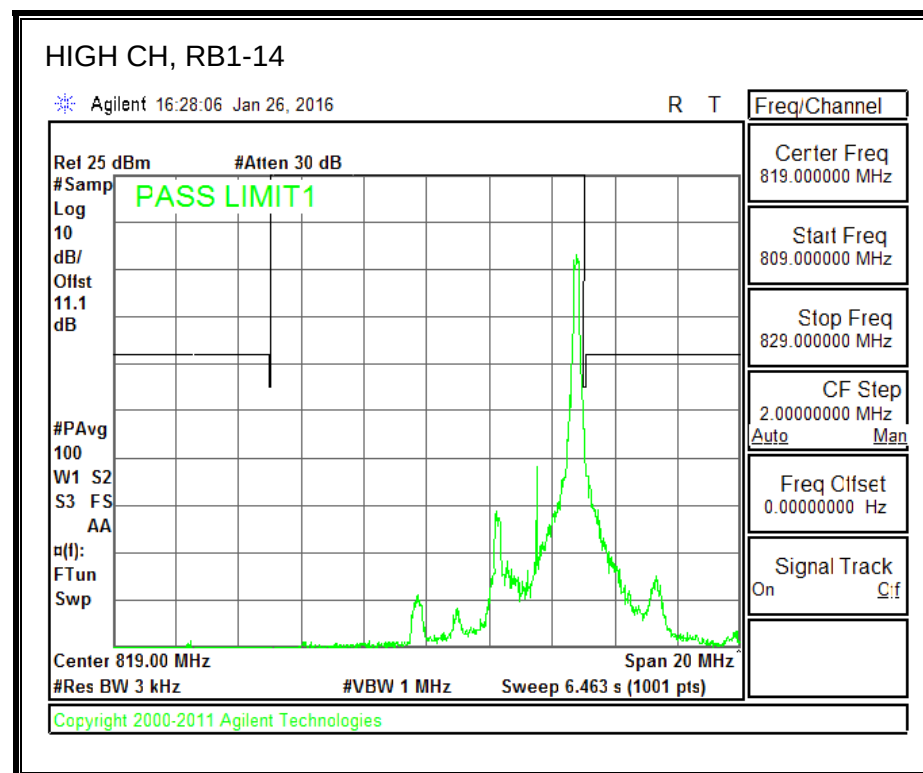
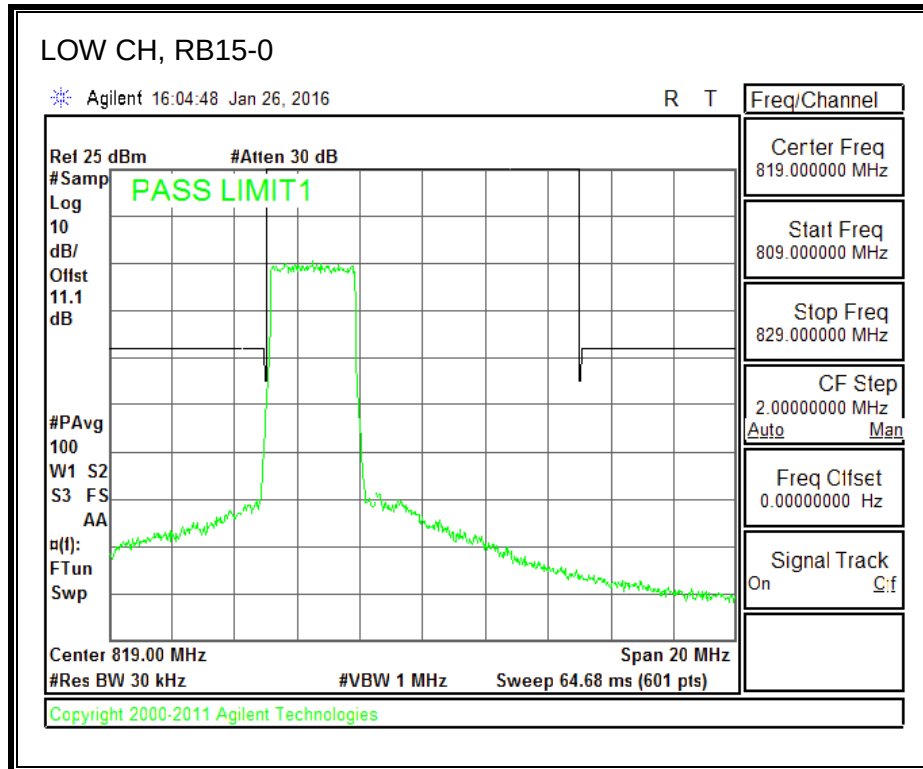


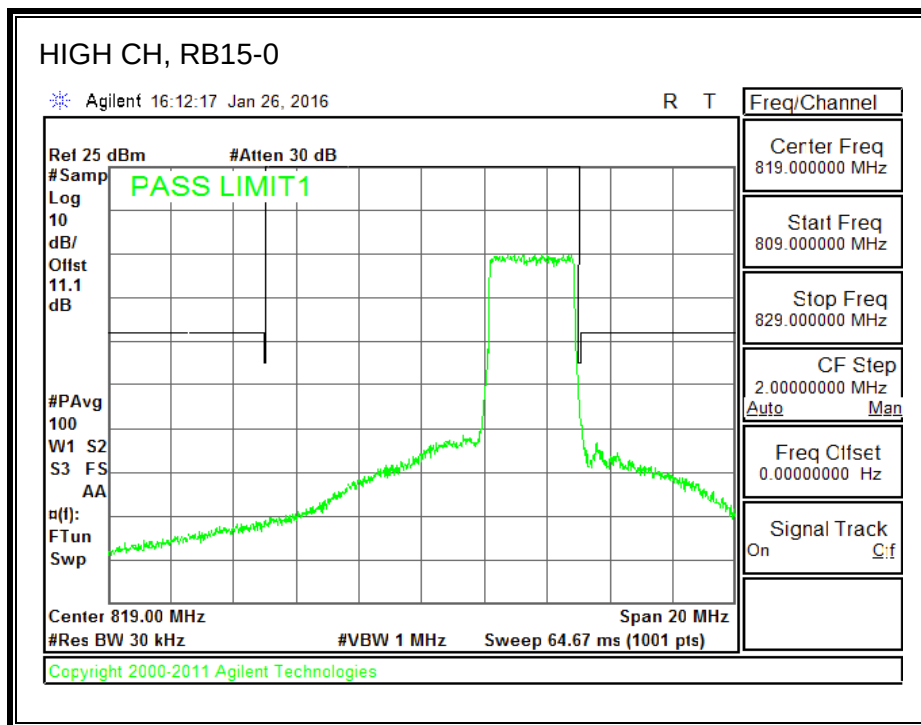
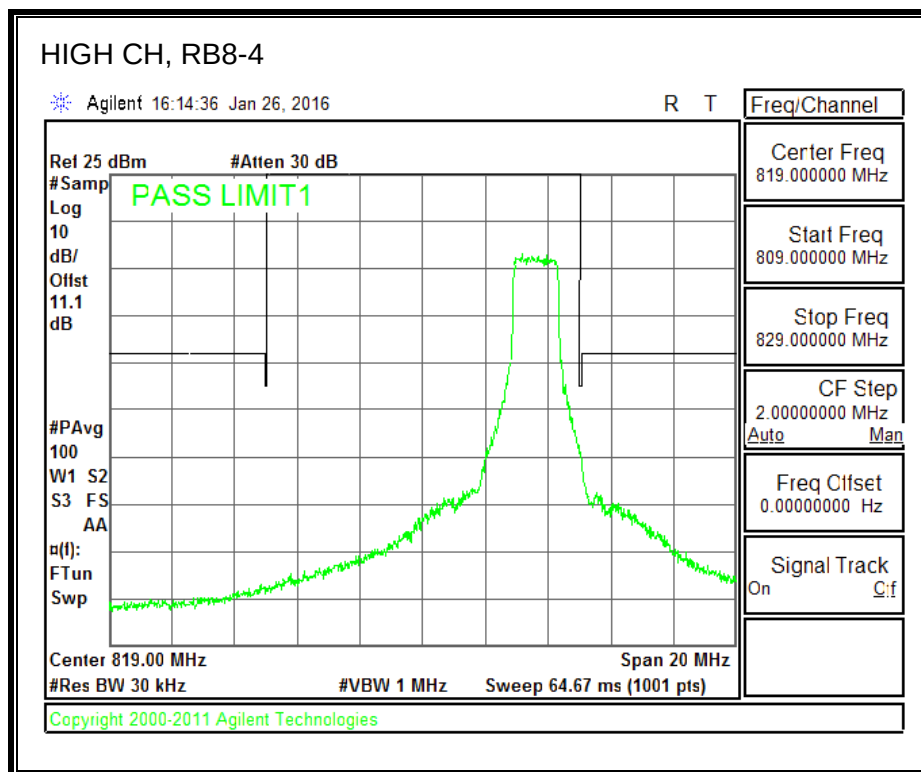




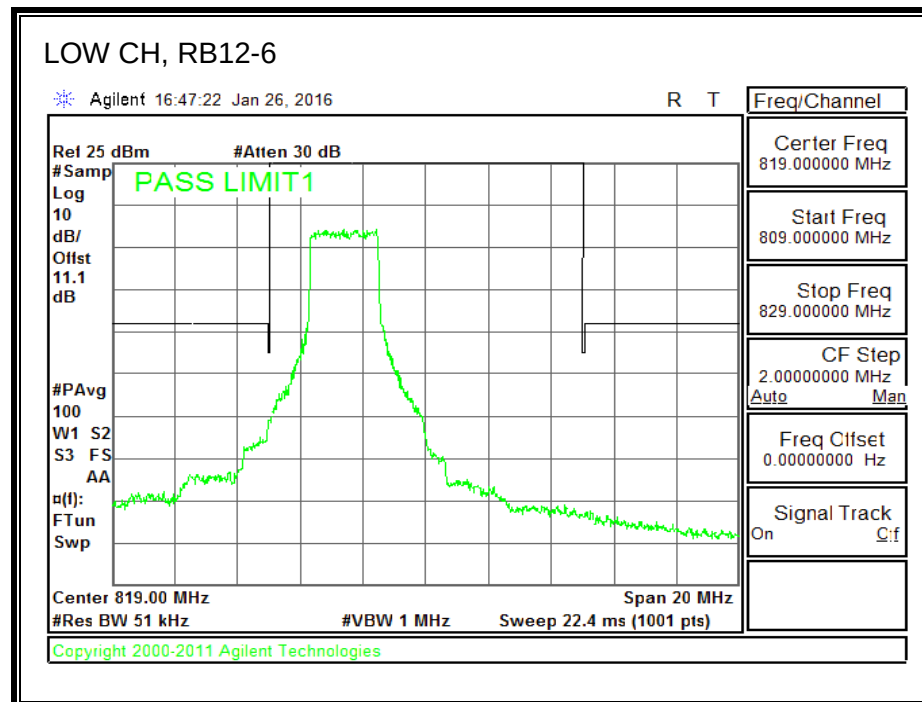
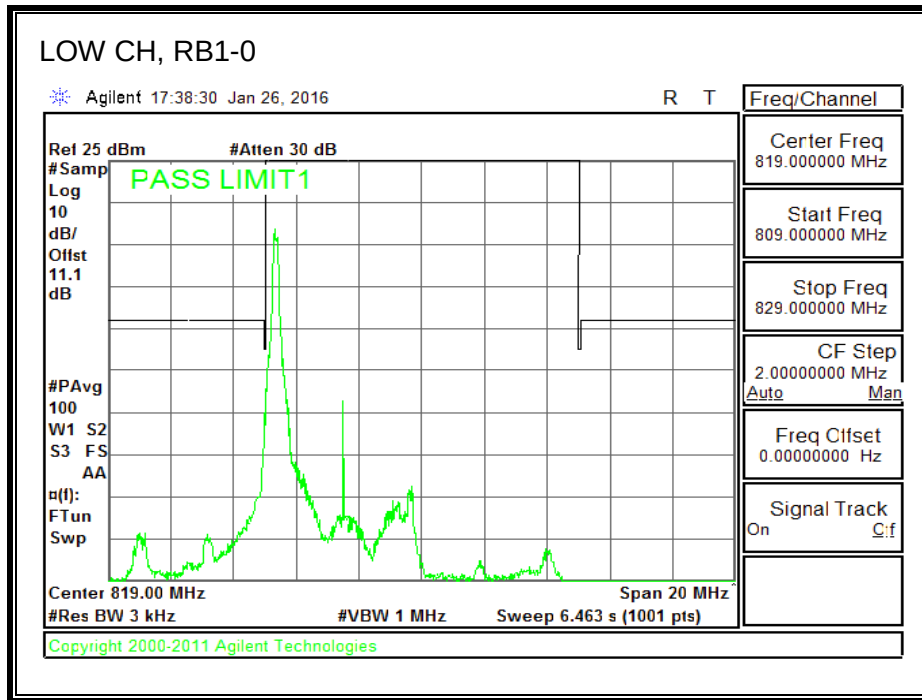
16QAM, (3.0 MHz BAND WIDTH)

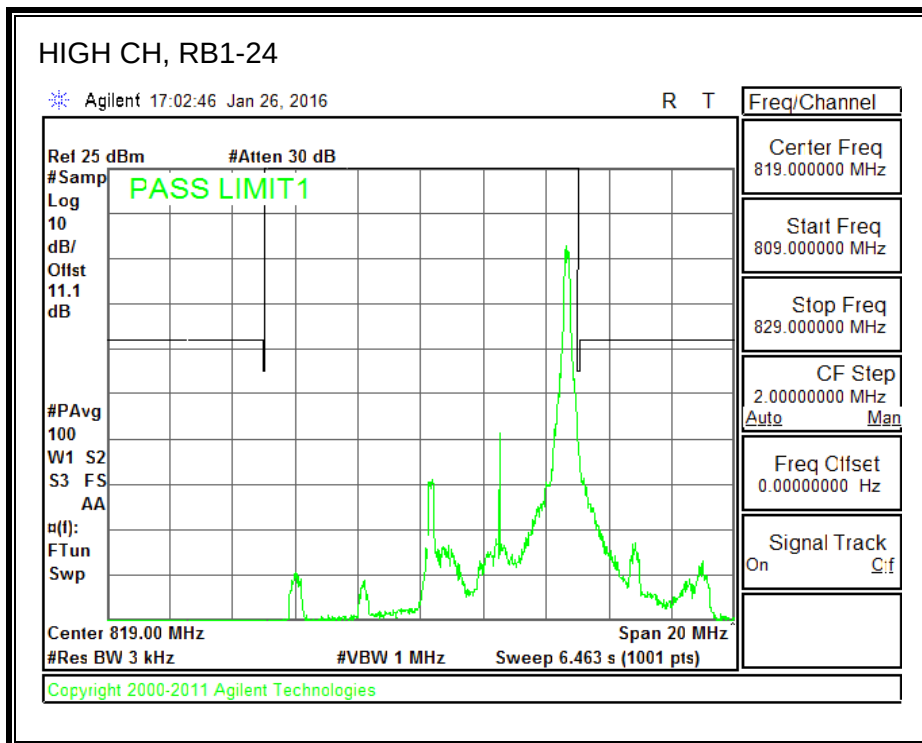
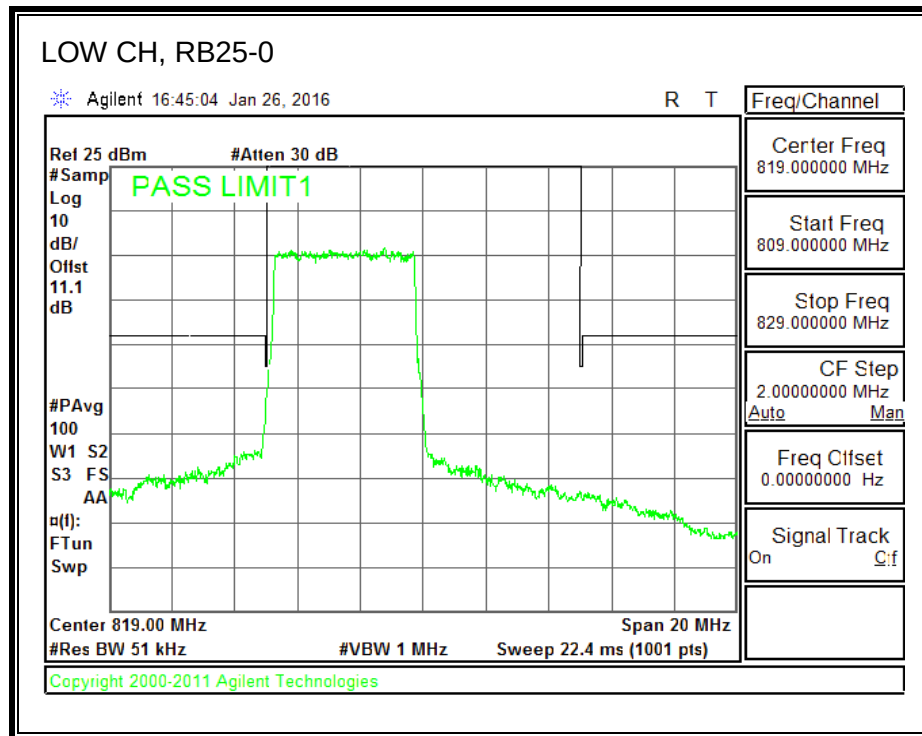


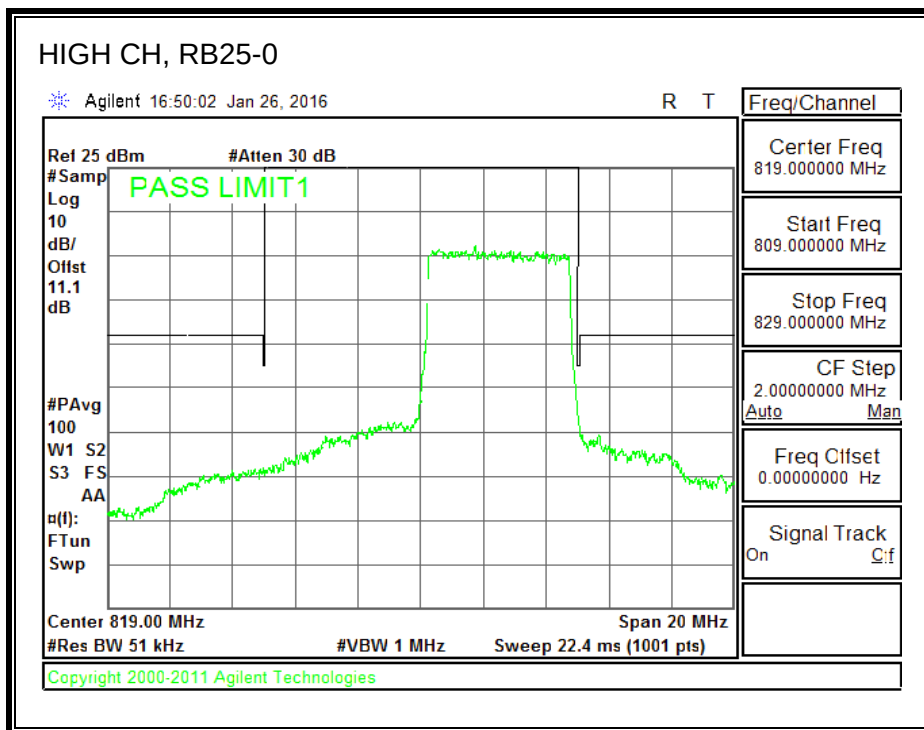
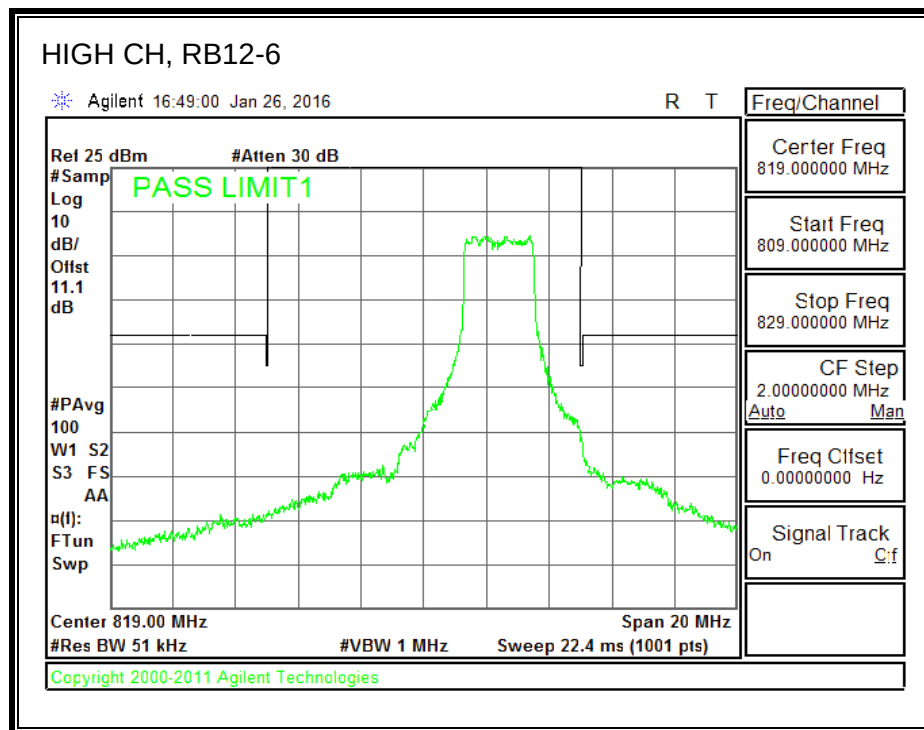




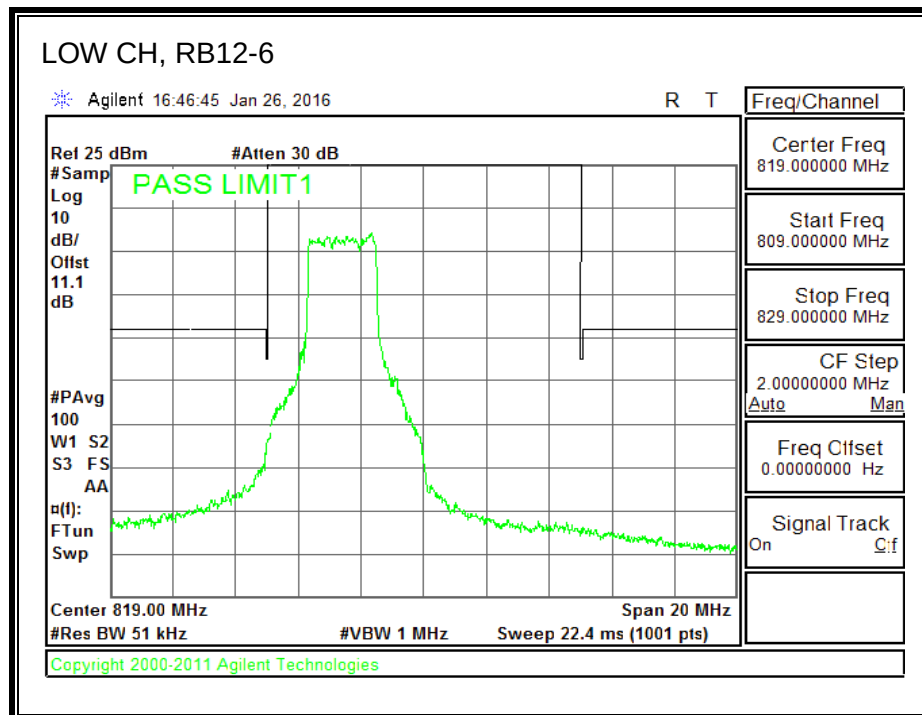
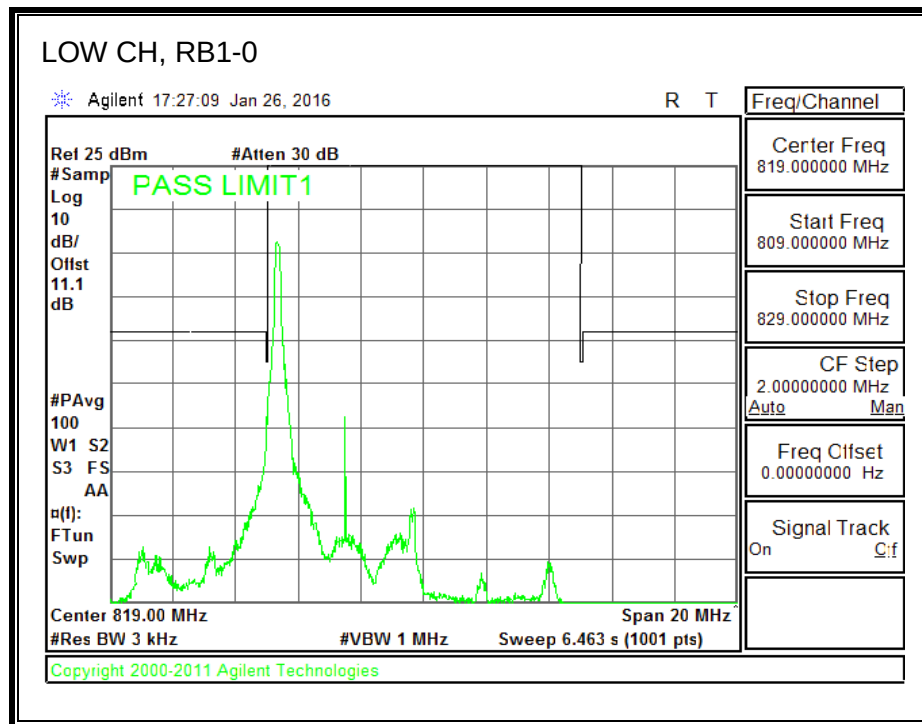
QPSK, (5.0 MHz BAND WIDTH)

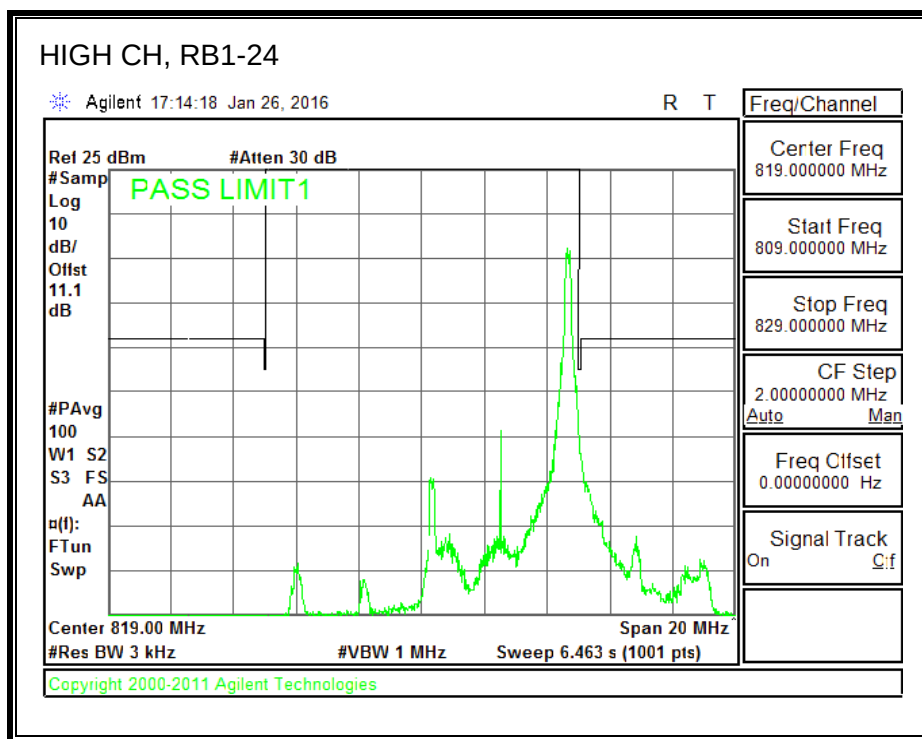
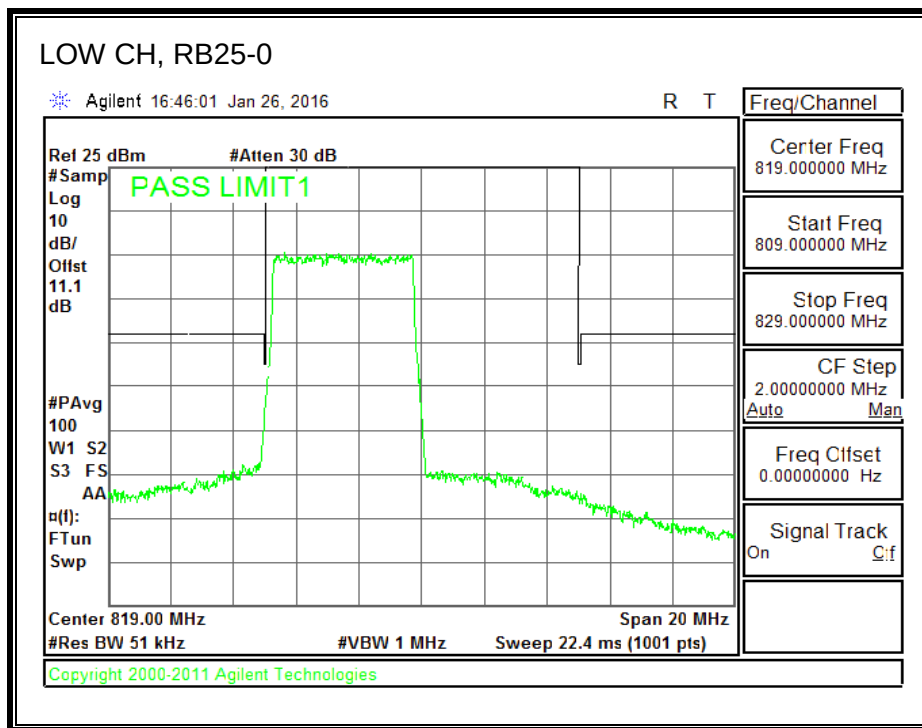


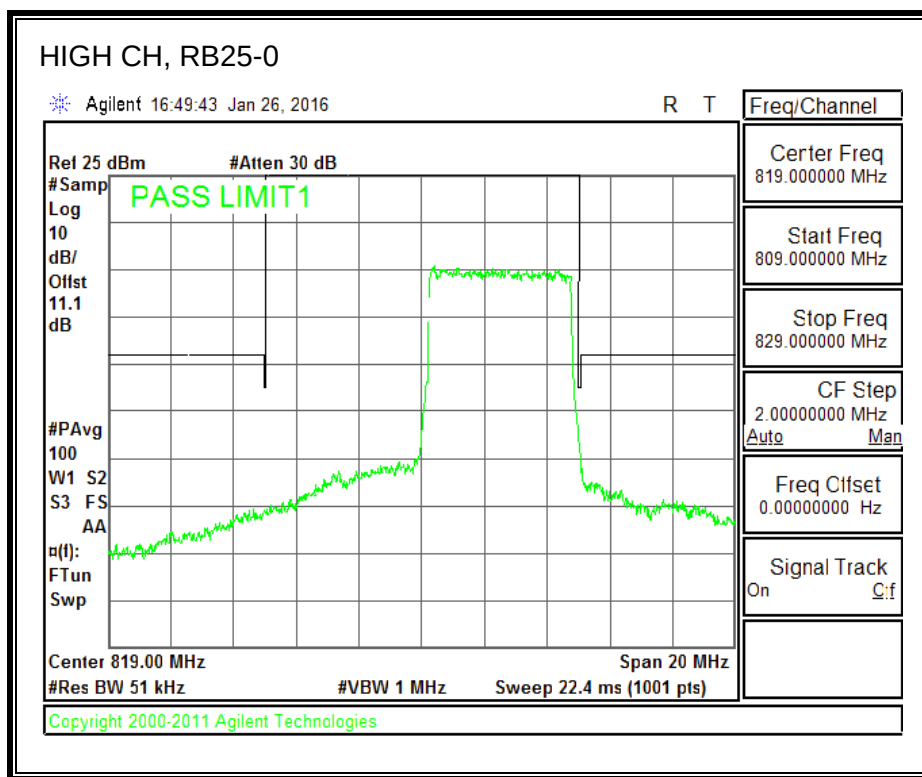
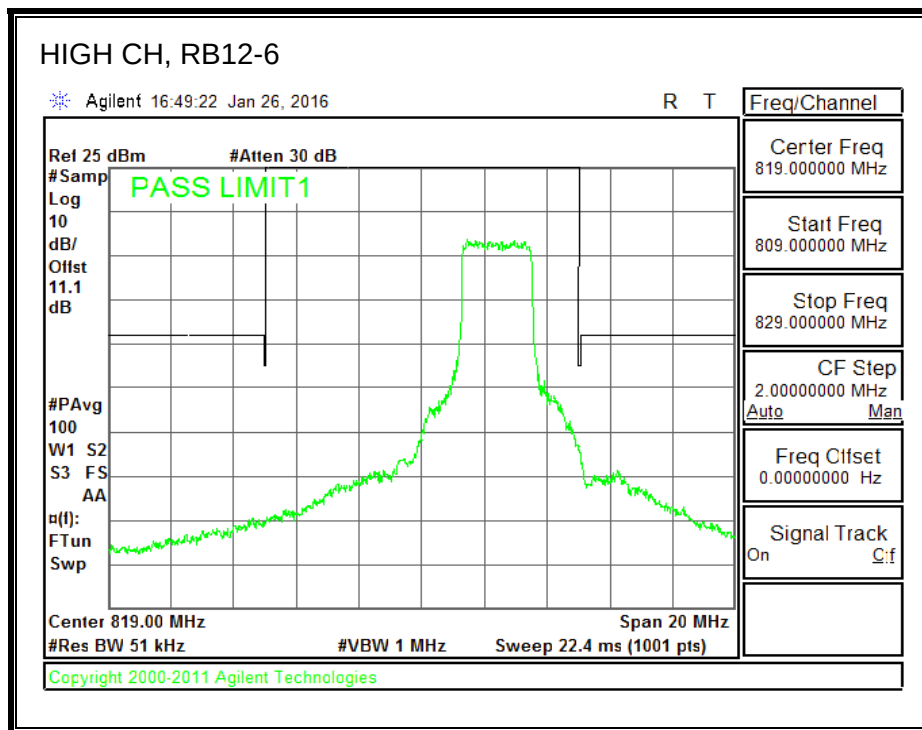




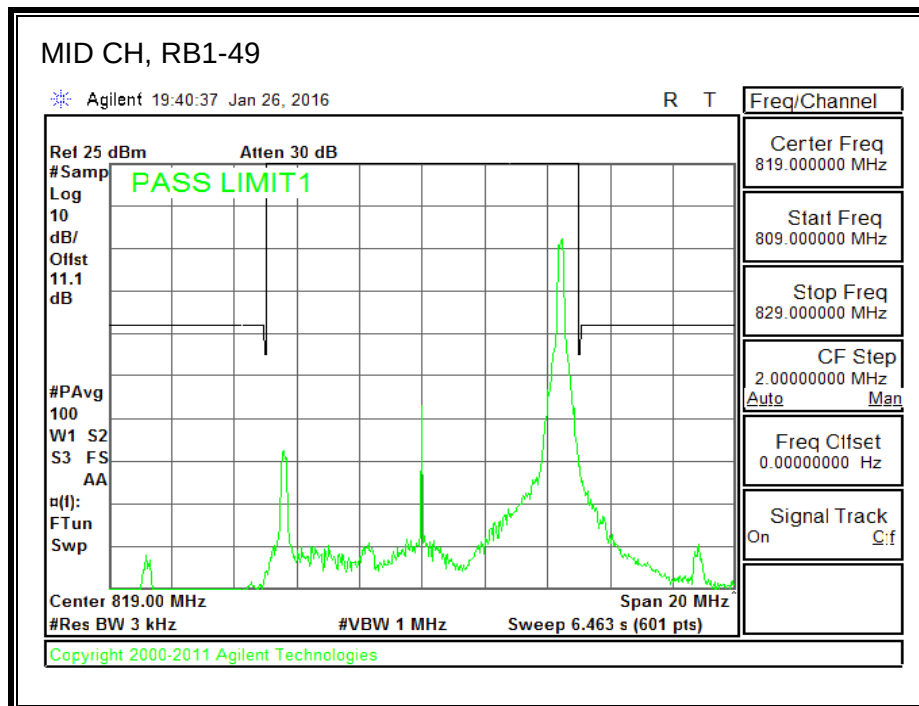
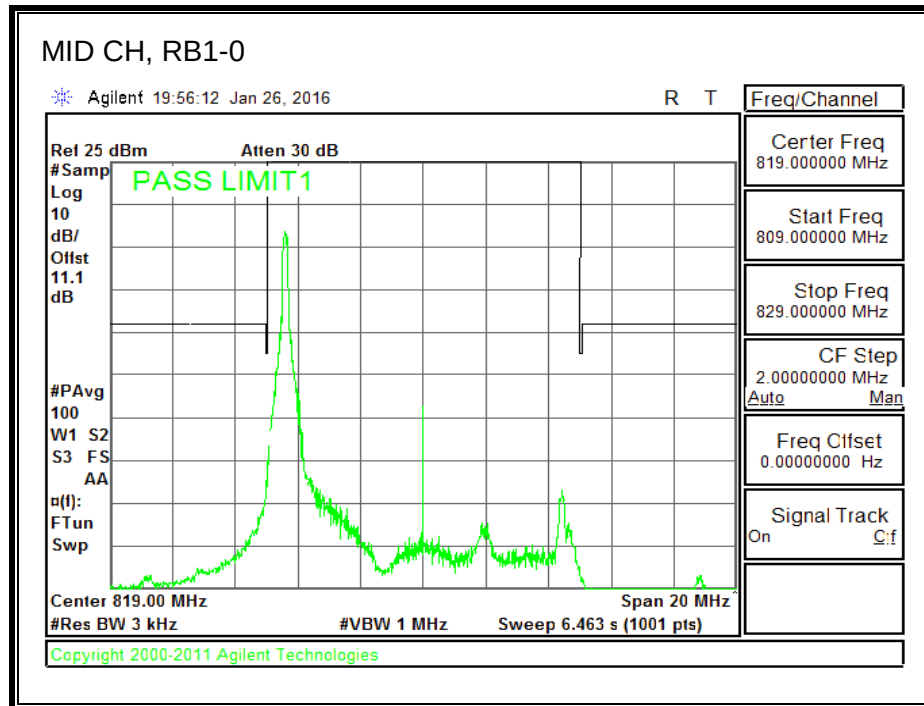
16QAM, (5.0 MHz BAND WIDTH)

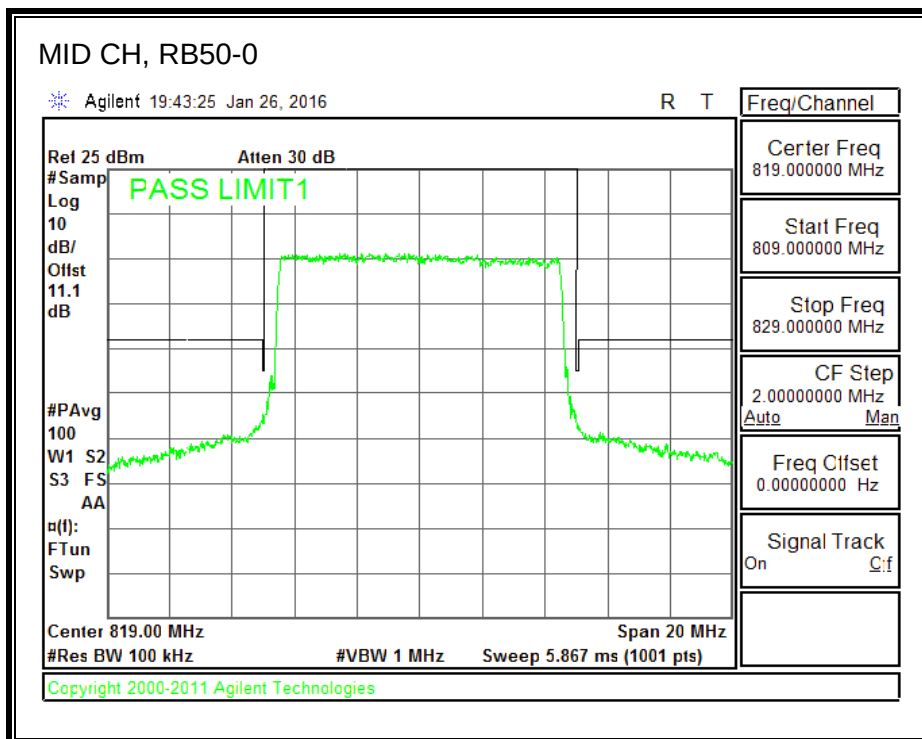
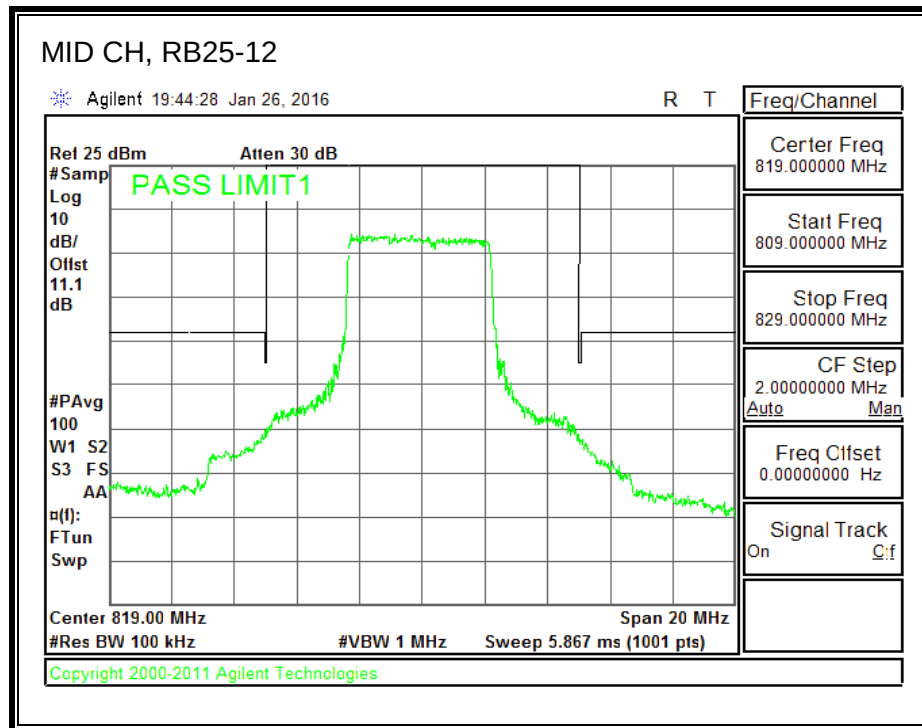




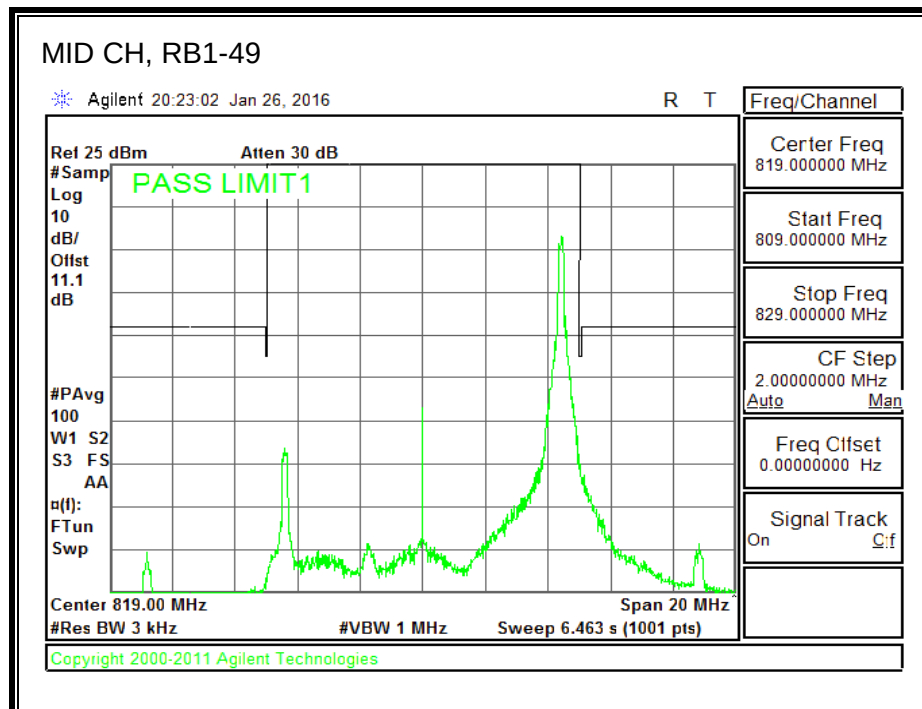
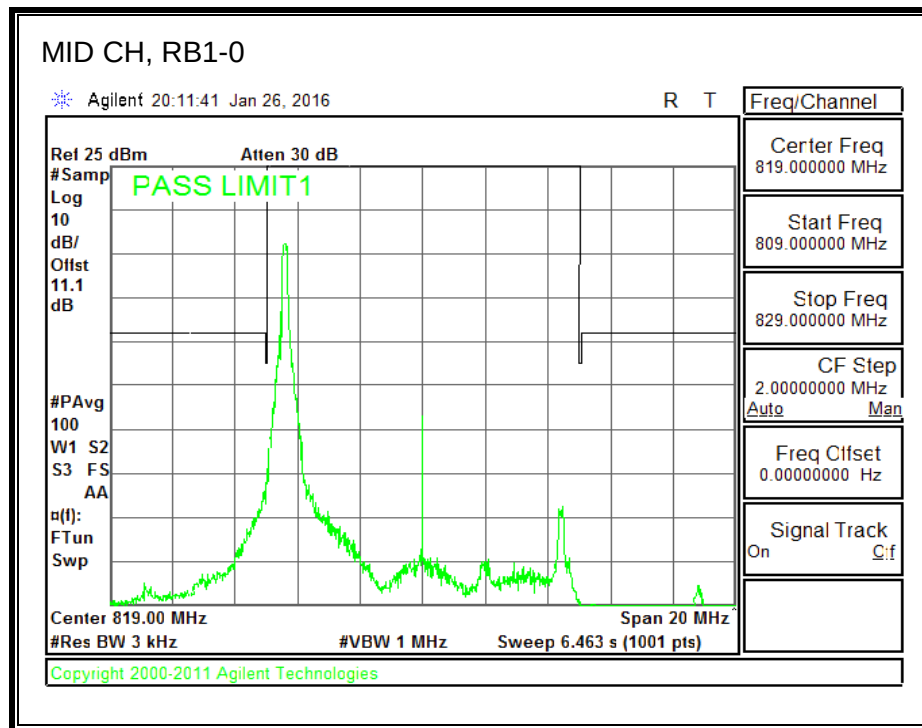


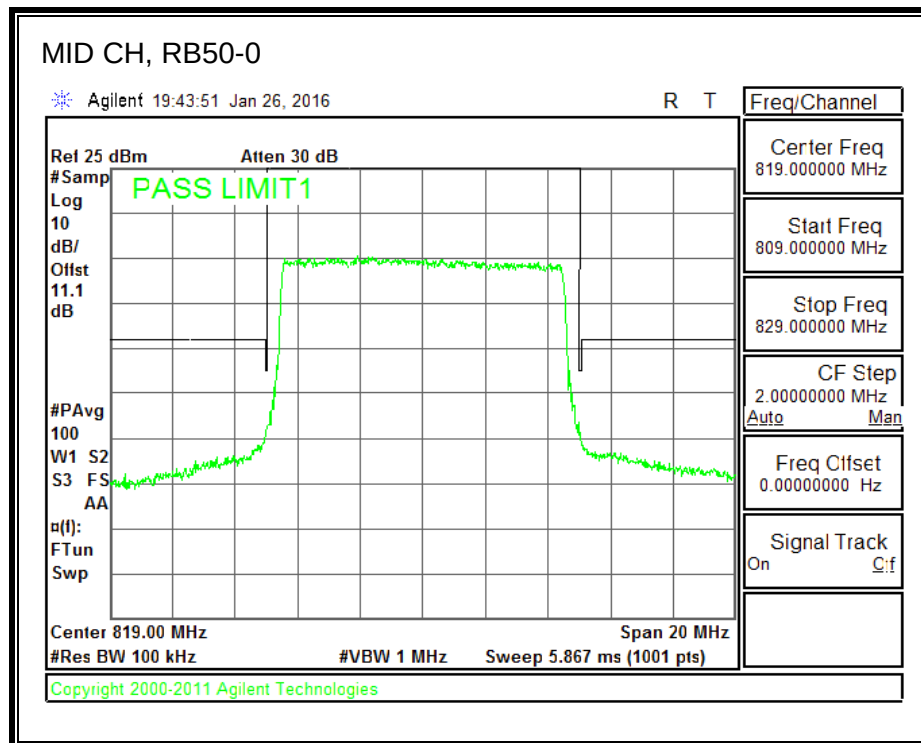
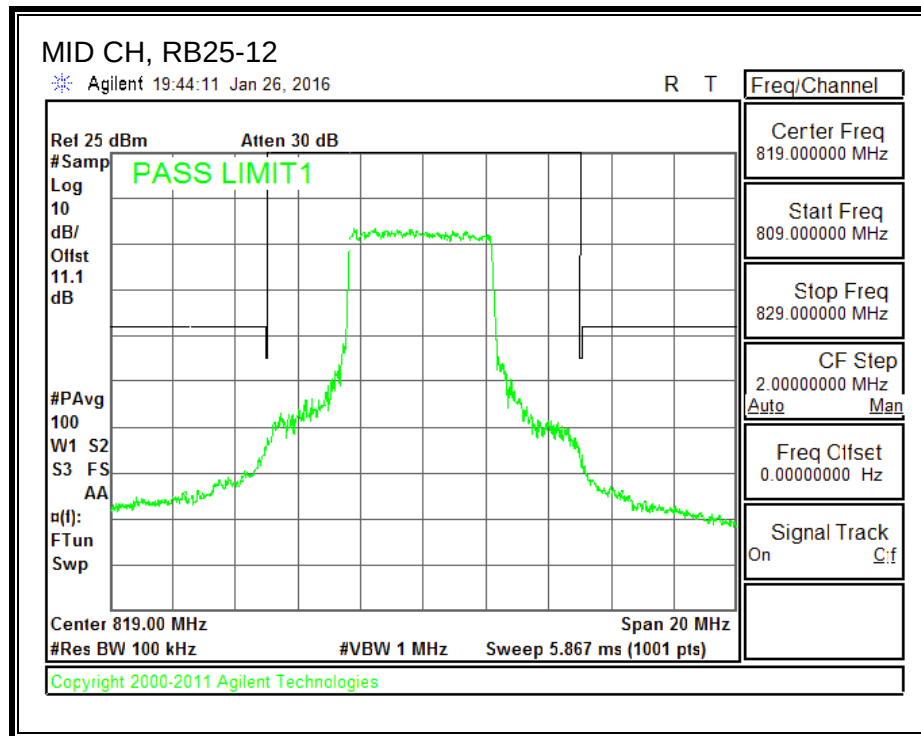
QPSK, (10.0 MHz BAND WIDTH)





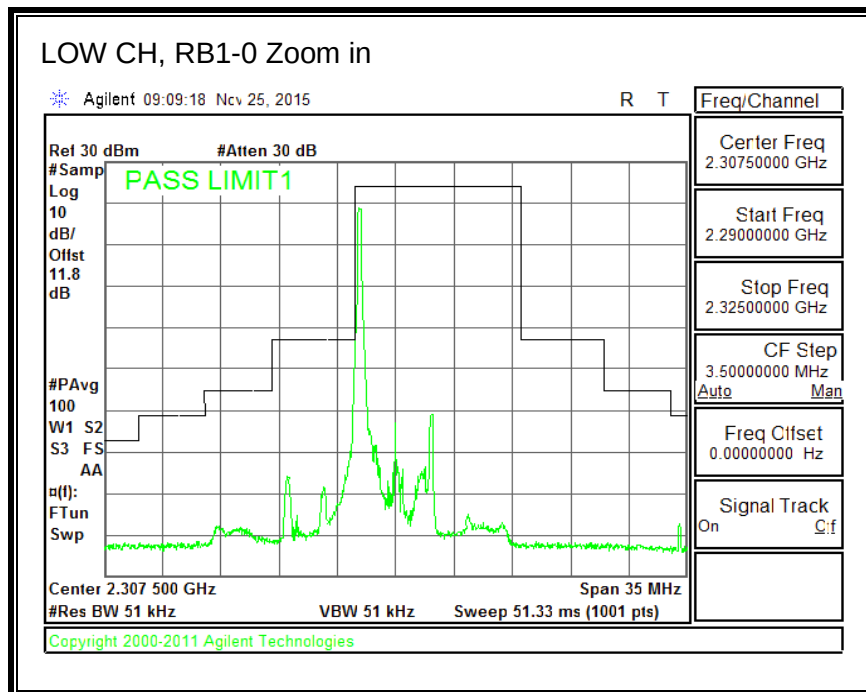
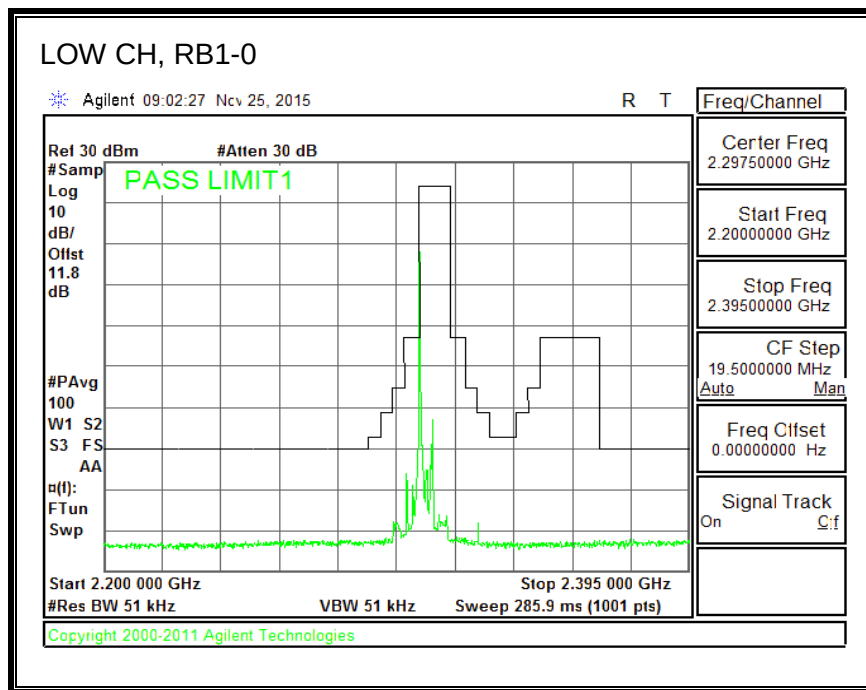
16QAM, (10.0 MHz BAND WIDTH)

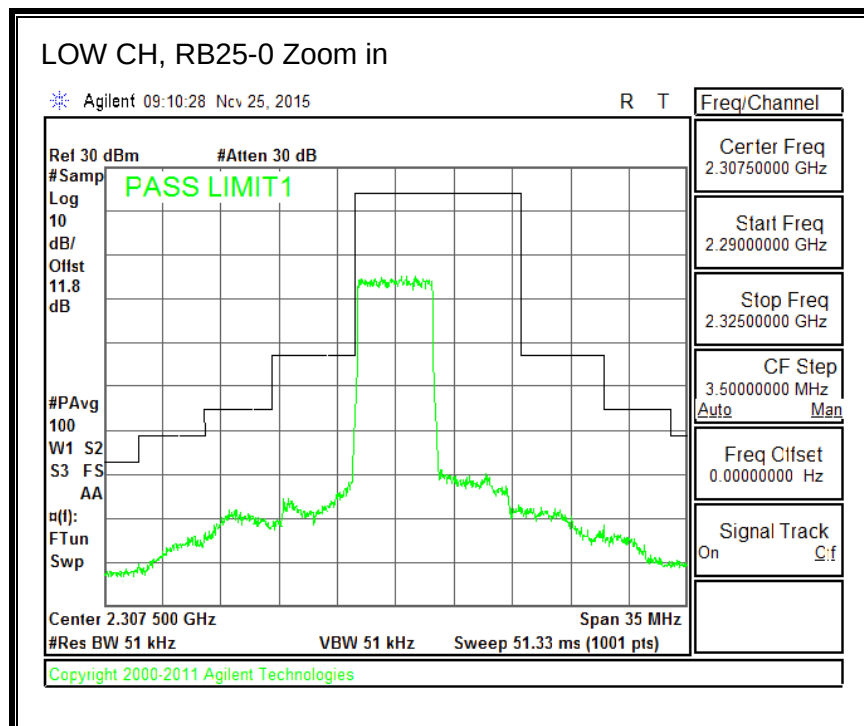
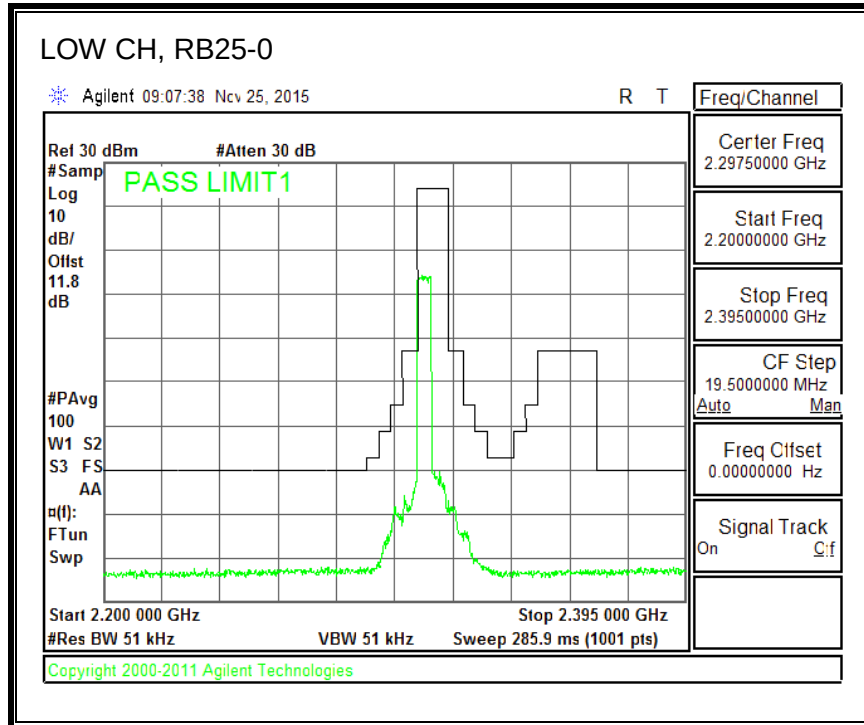


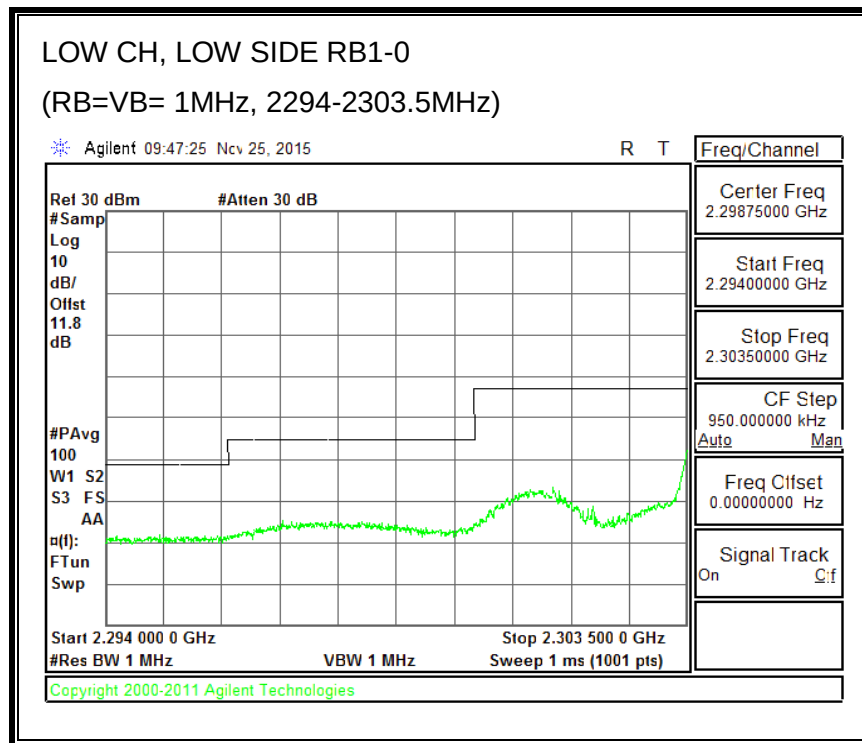
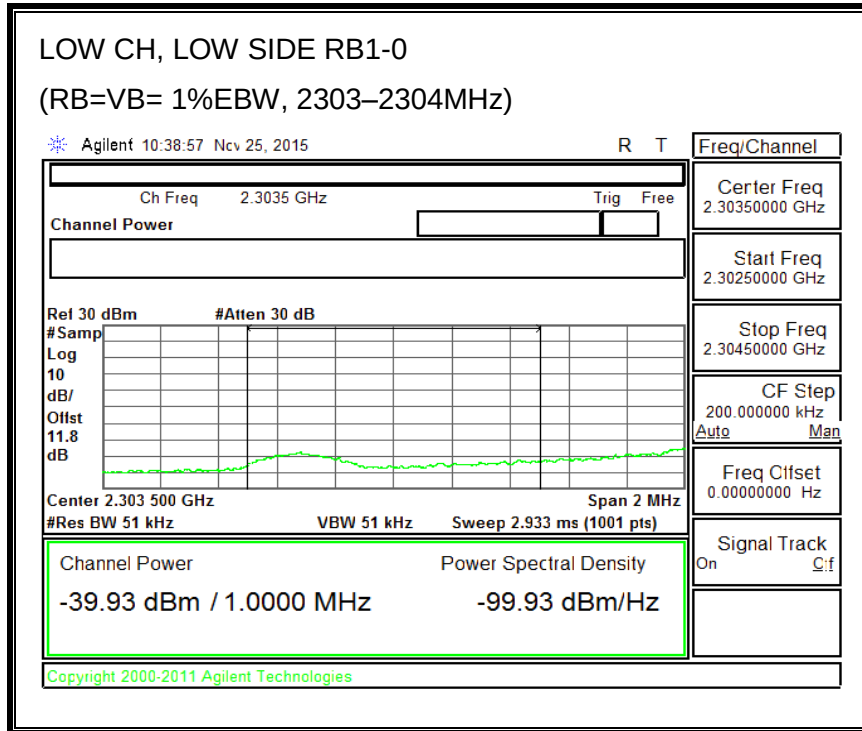


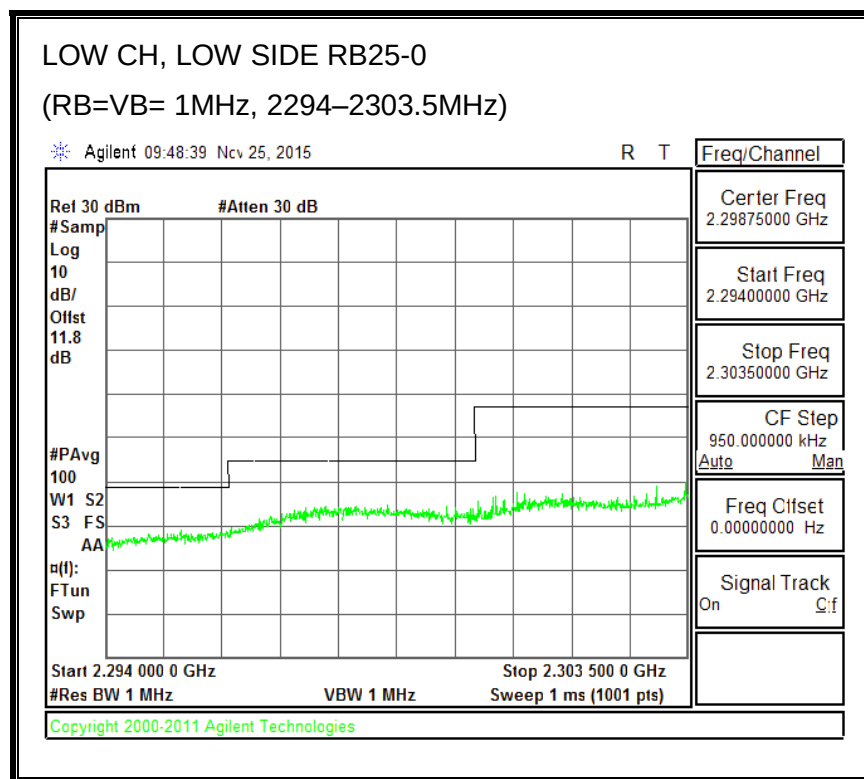
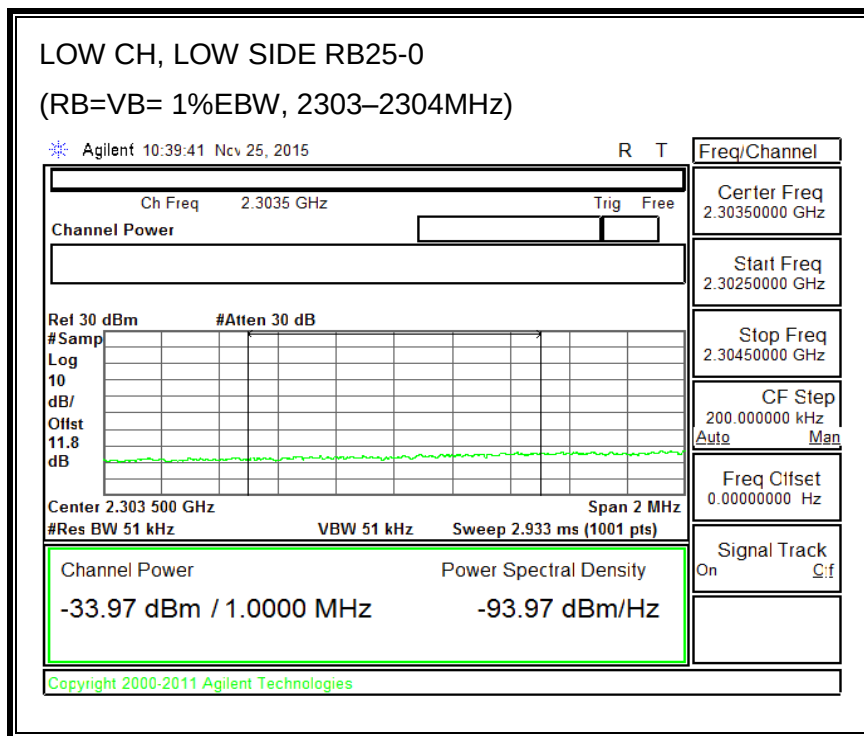
8.2.11. LTE BAND 30 EMISSION MASK

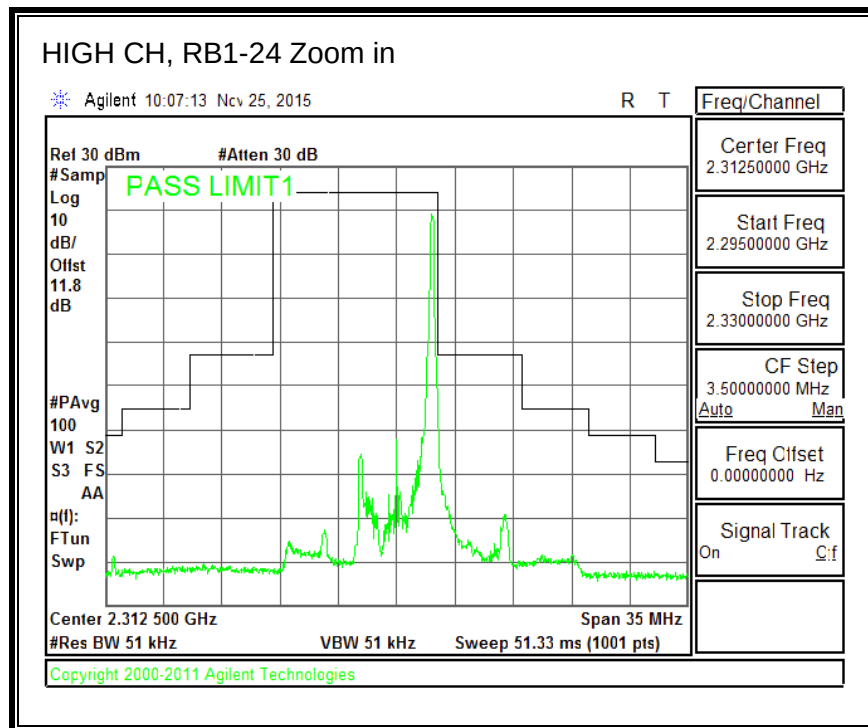
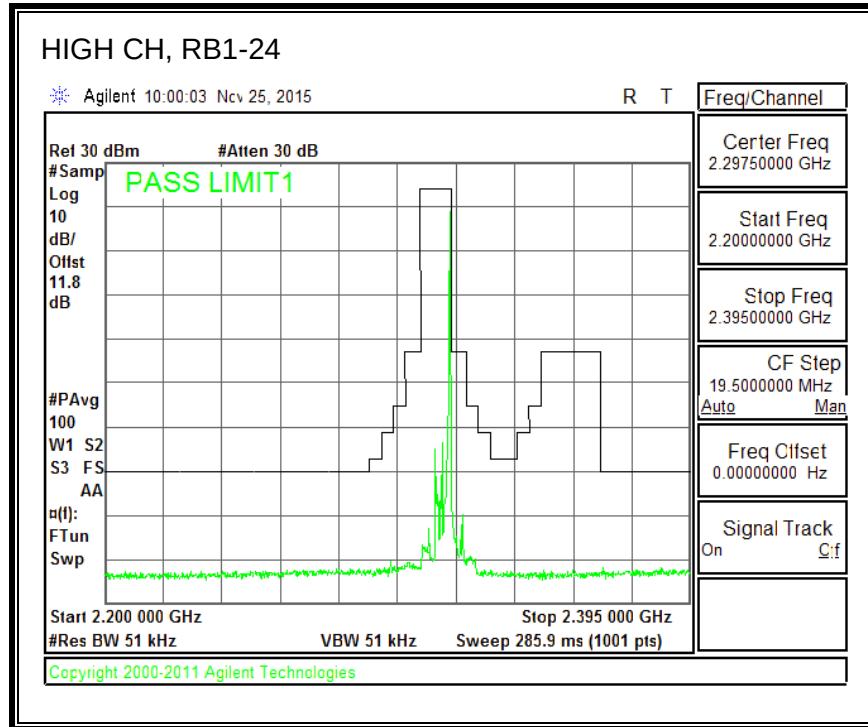
QPSK, (5.0 MHz BAND WIDTH)

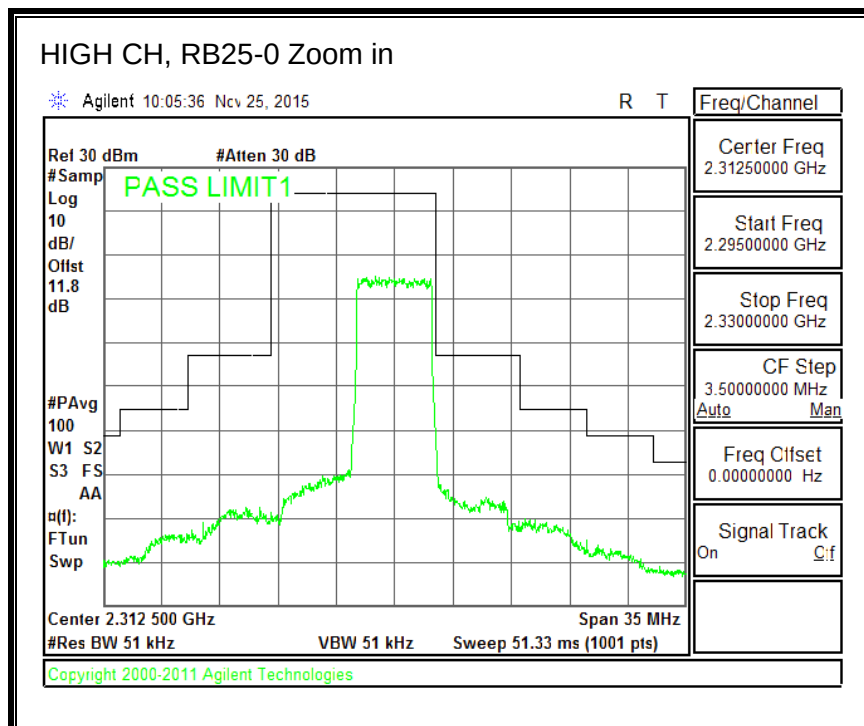
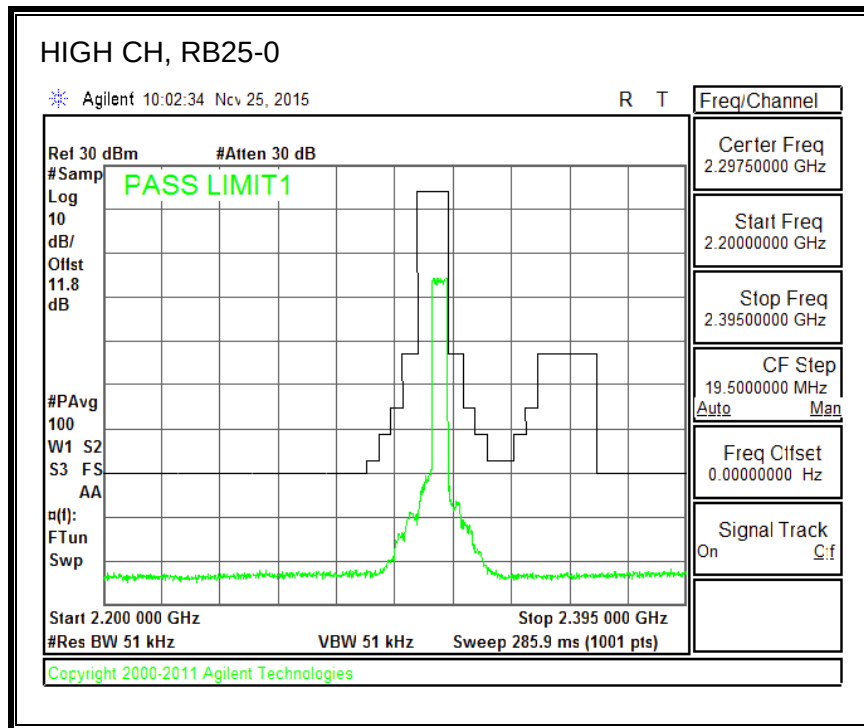


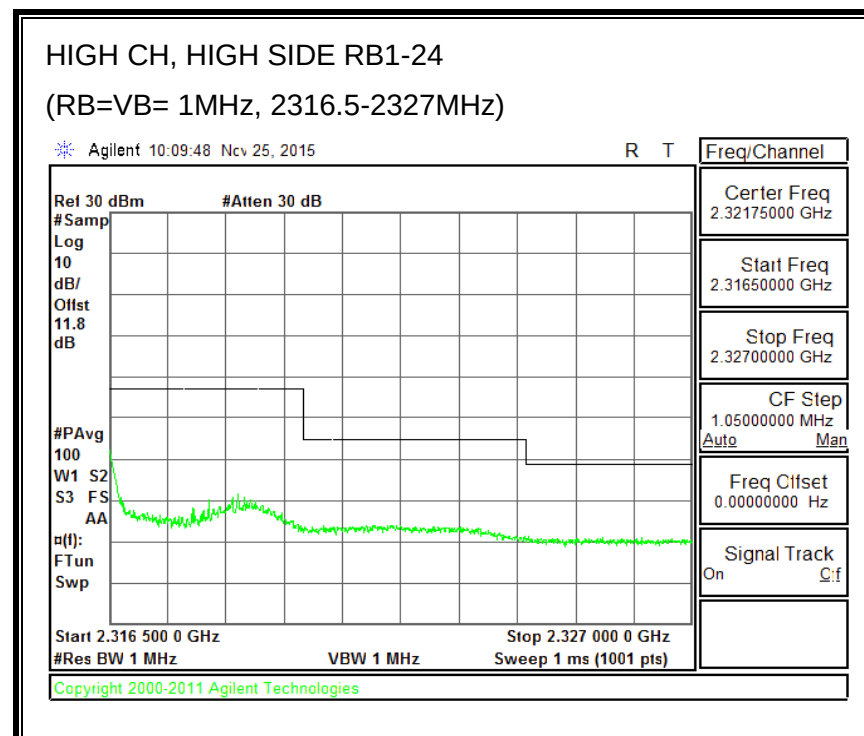
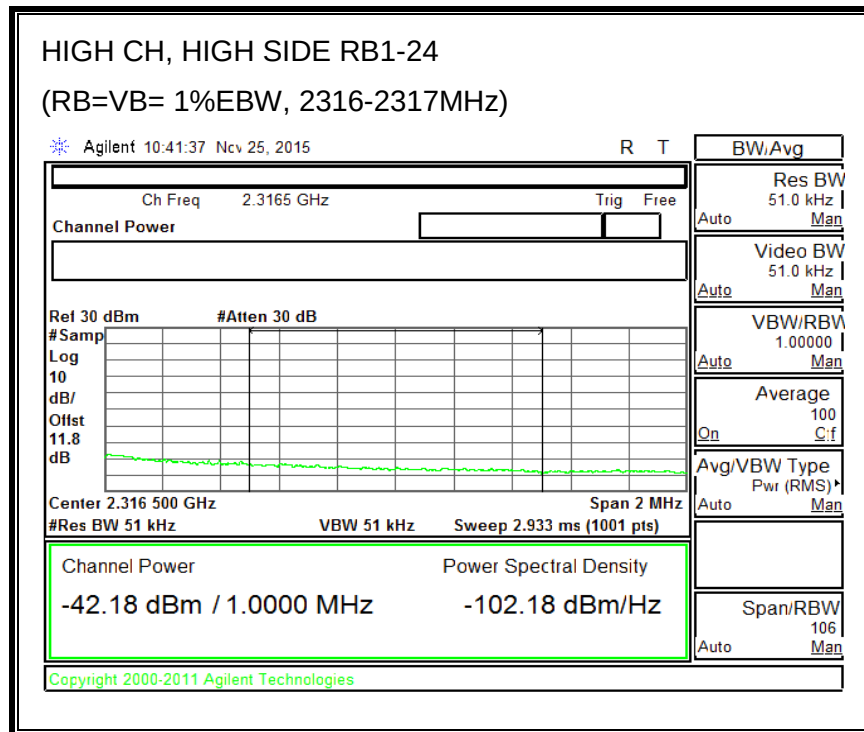


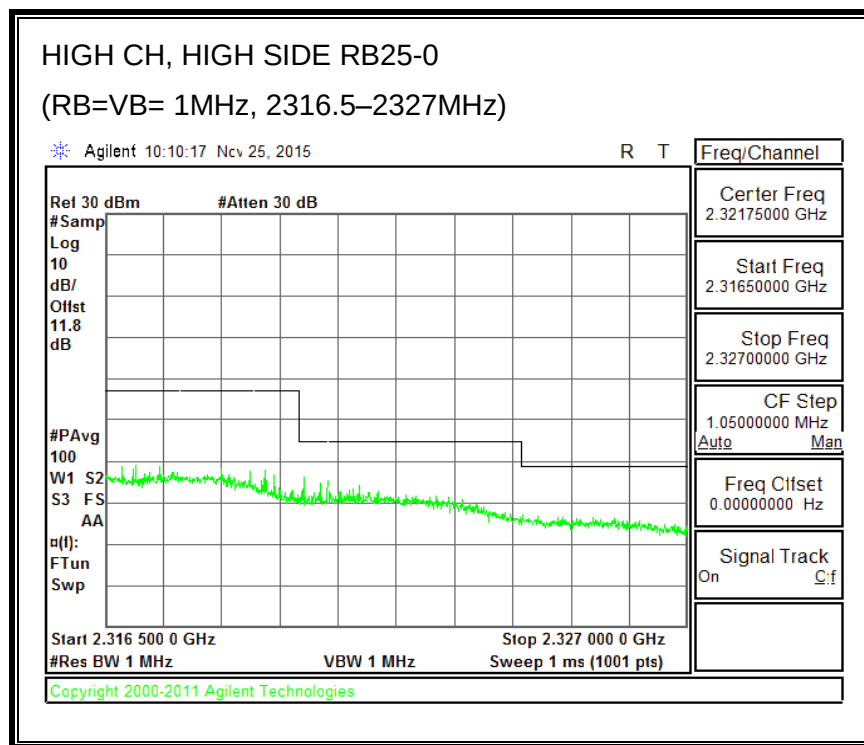
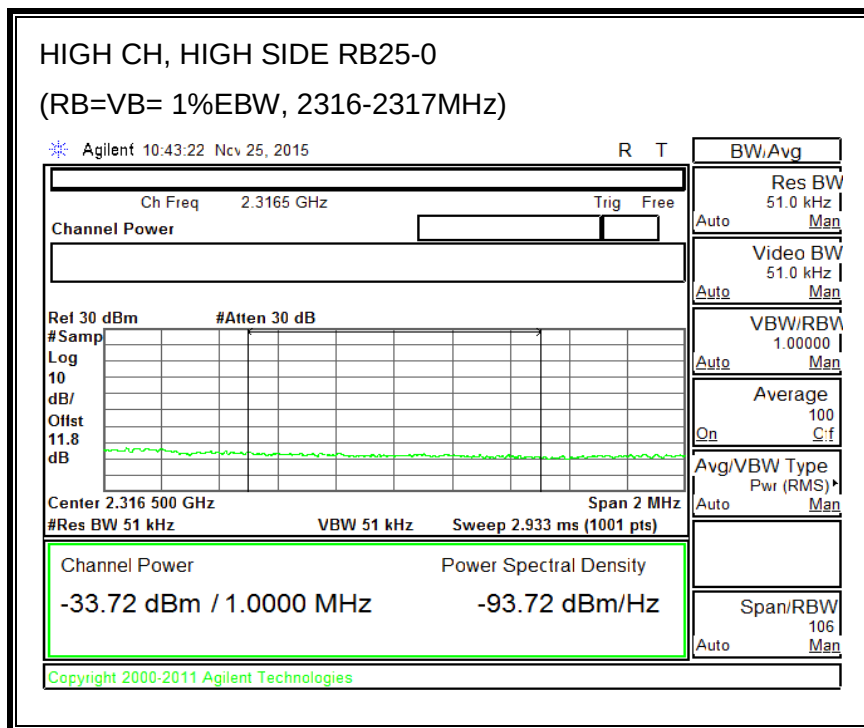




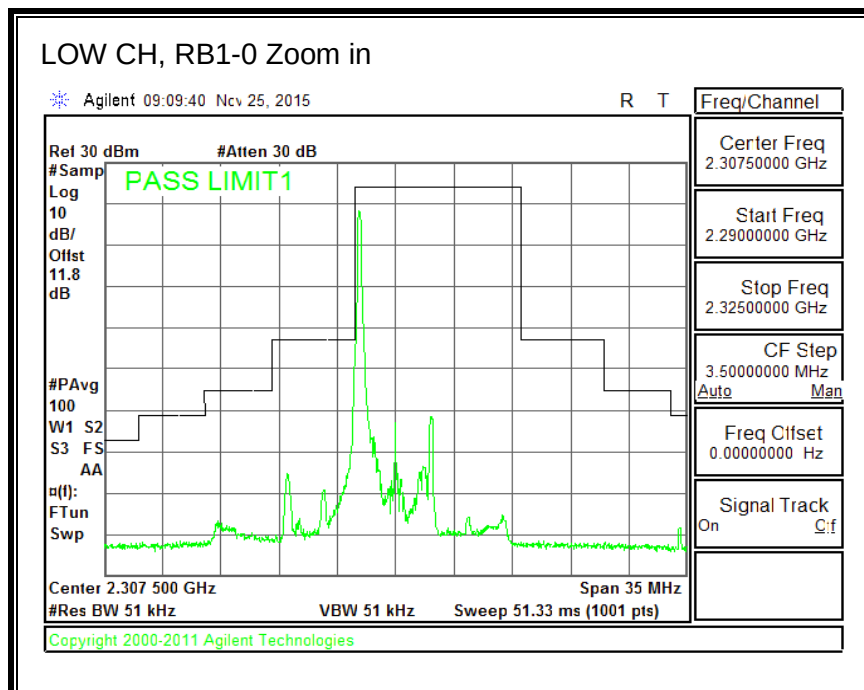
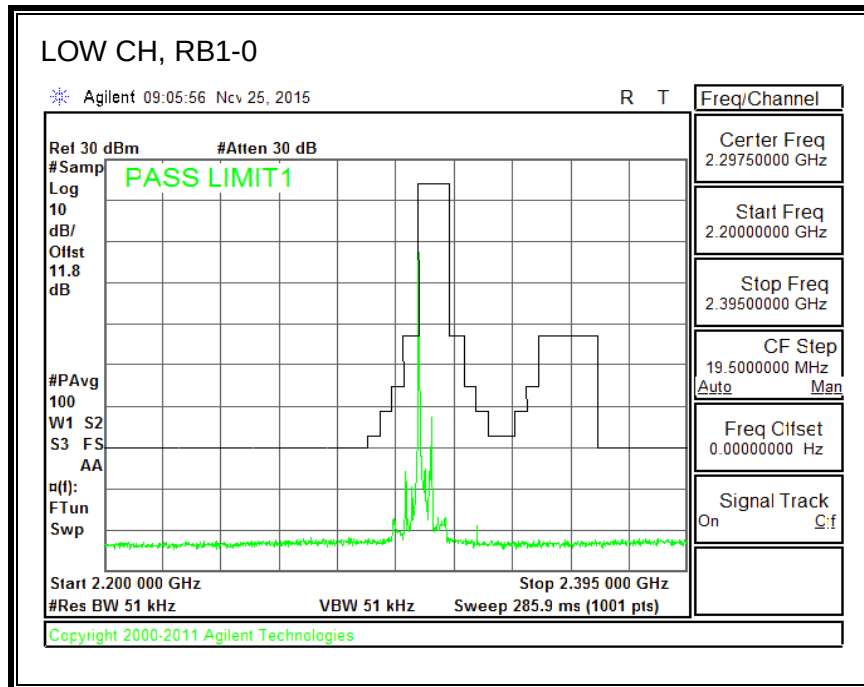


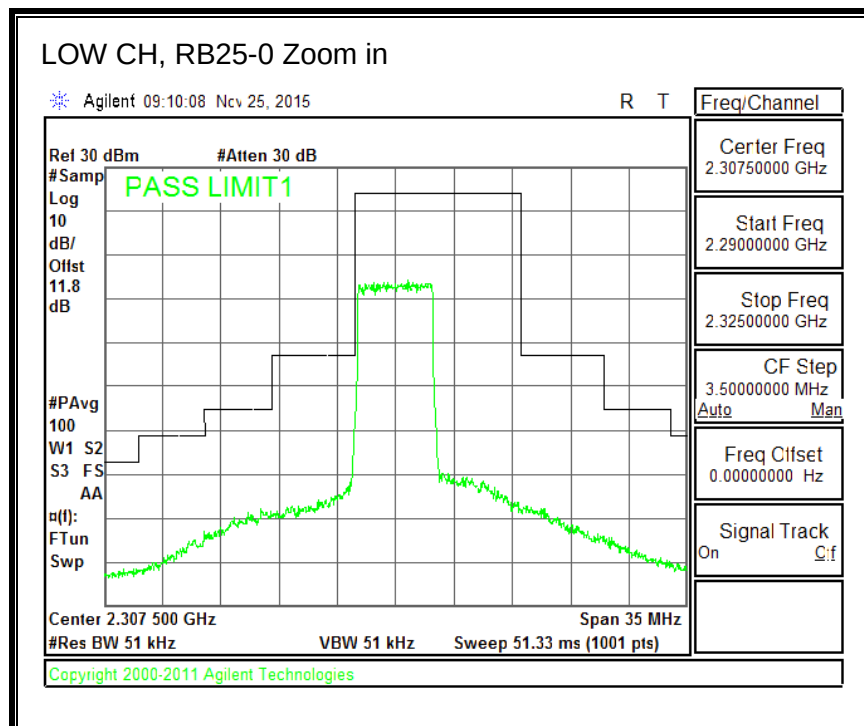
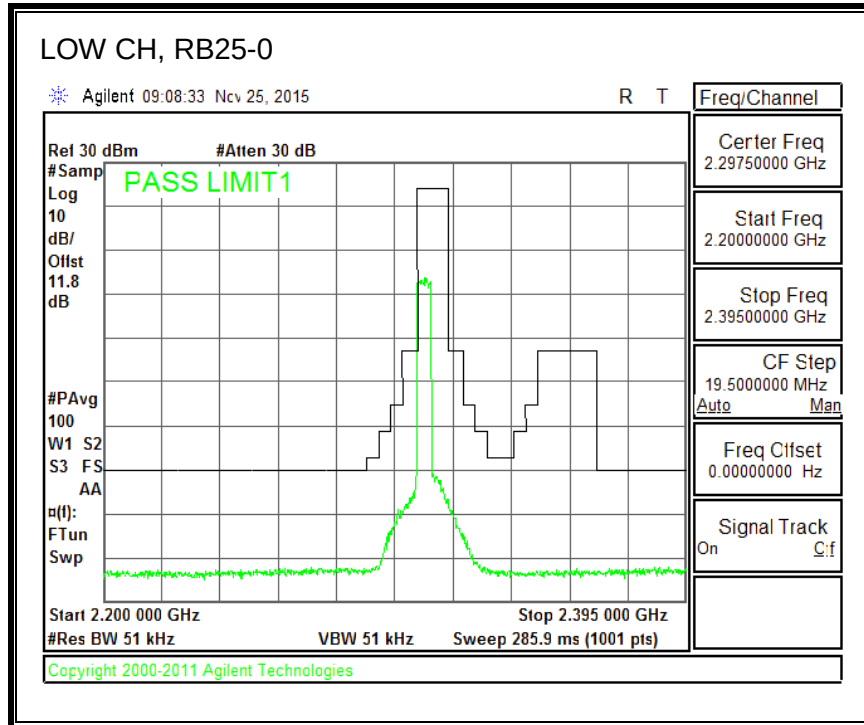


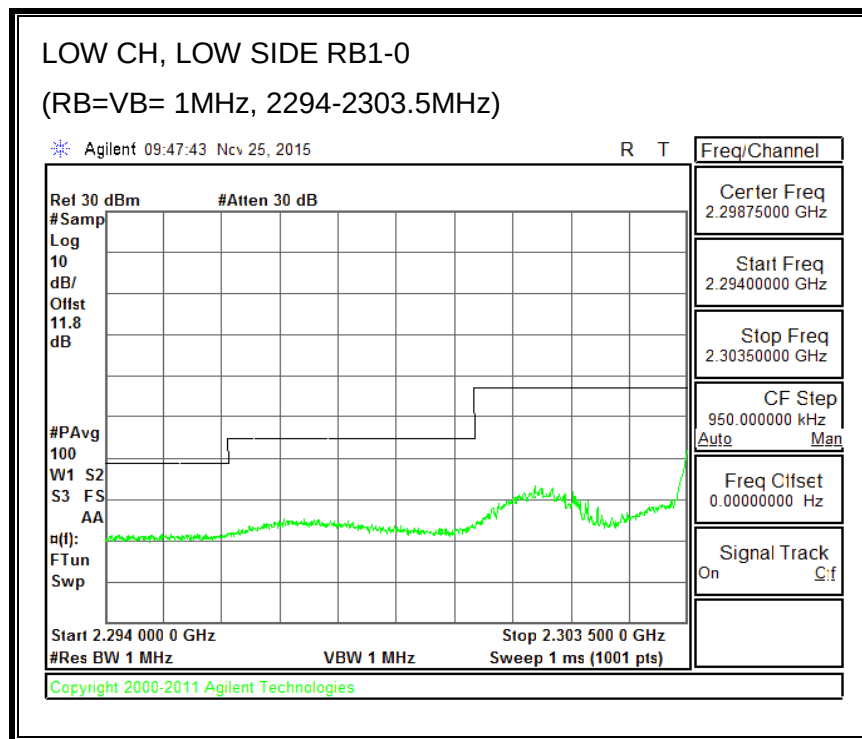
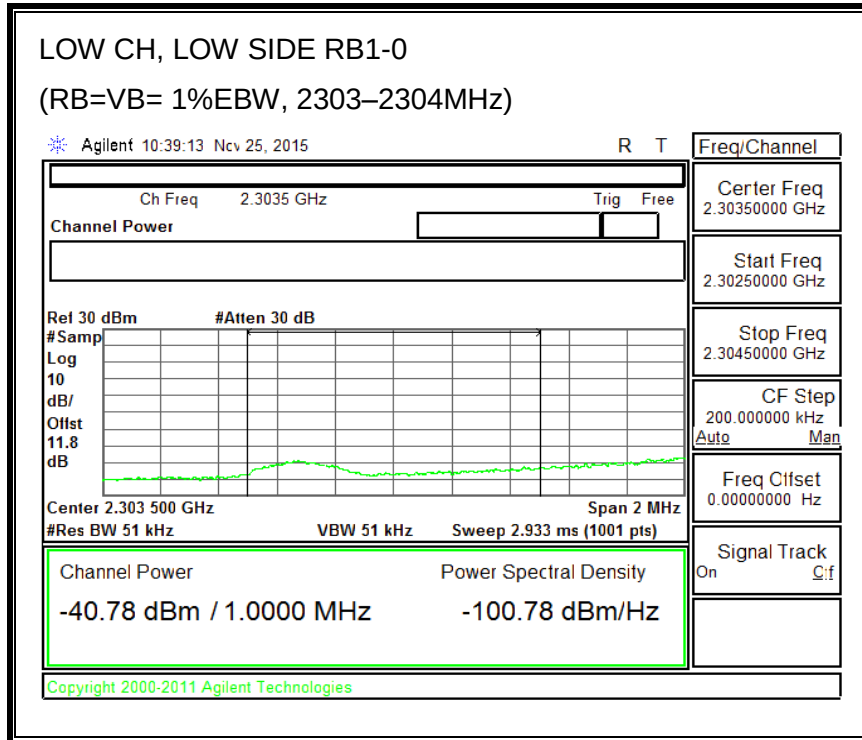


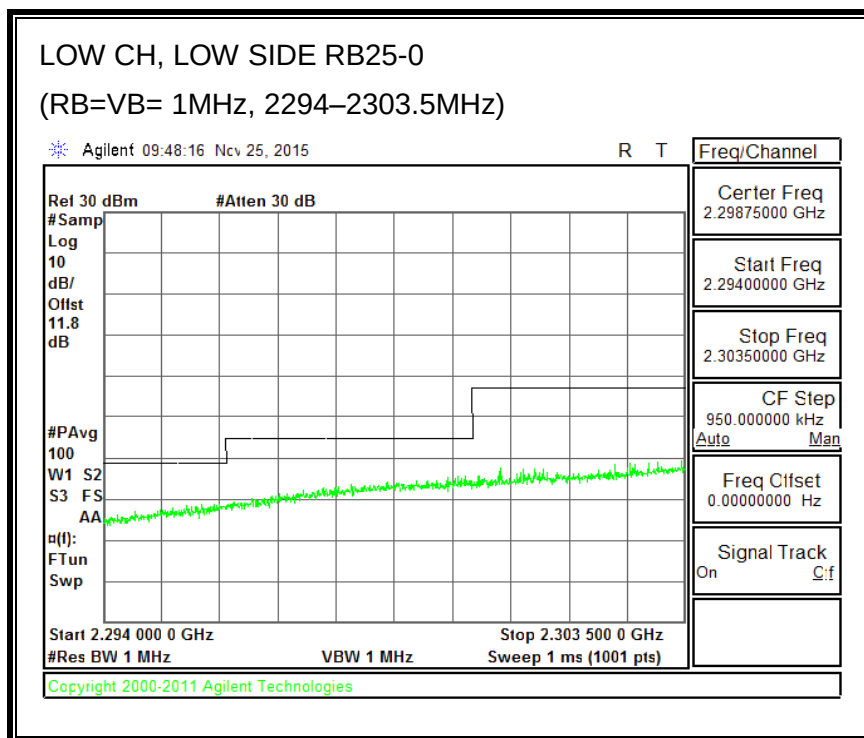
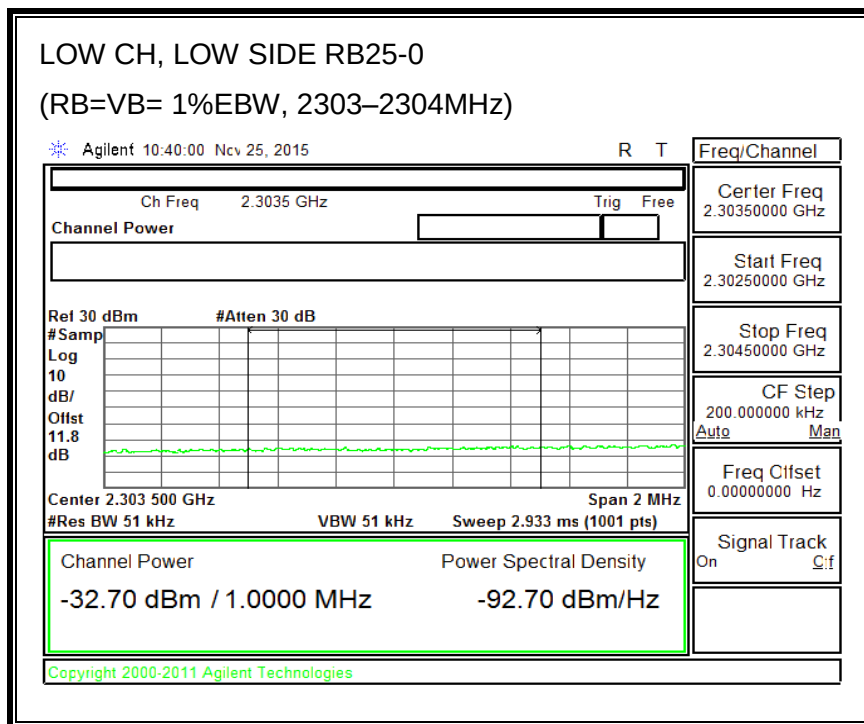


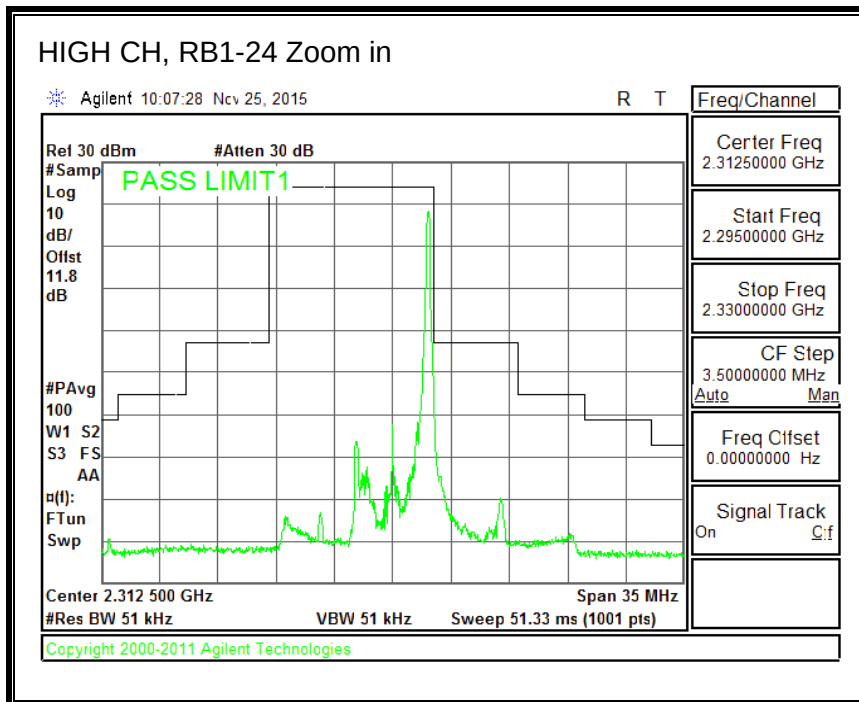
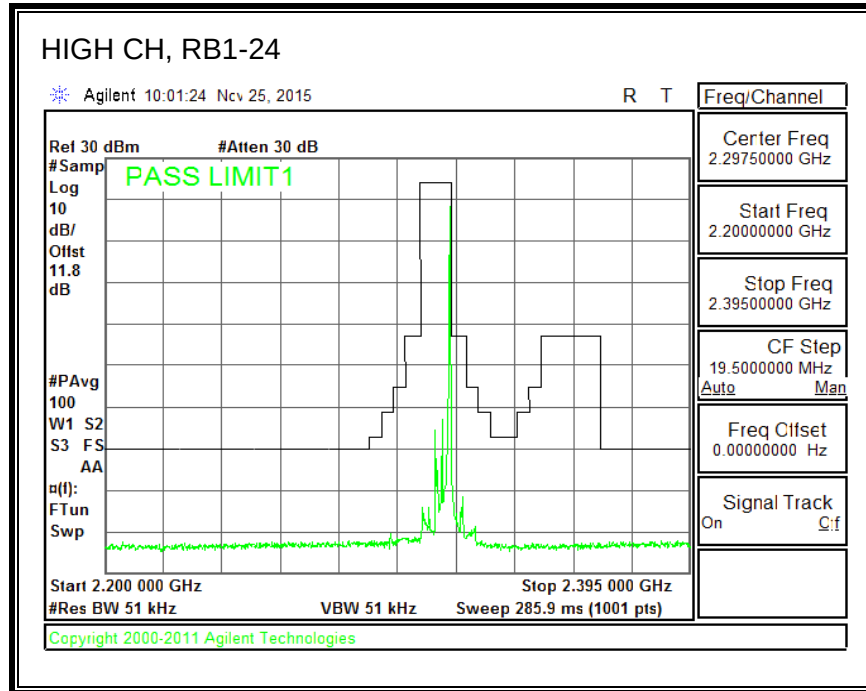
16QAM, (5.0 MHz BAND WIDTH)

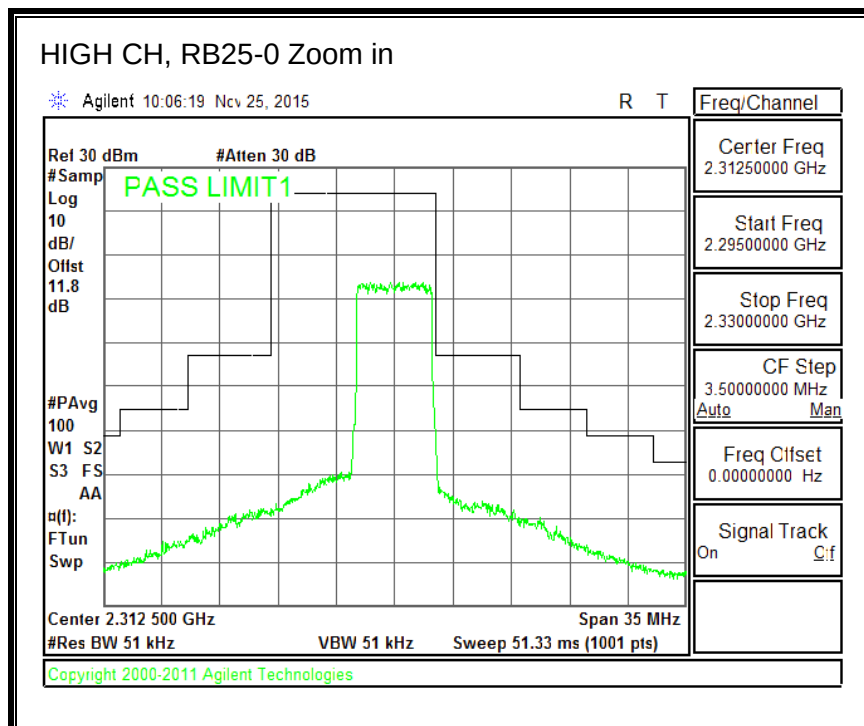
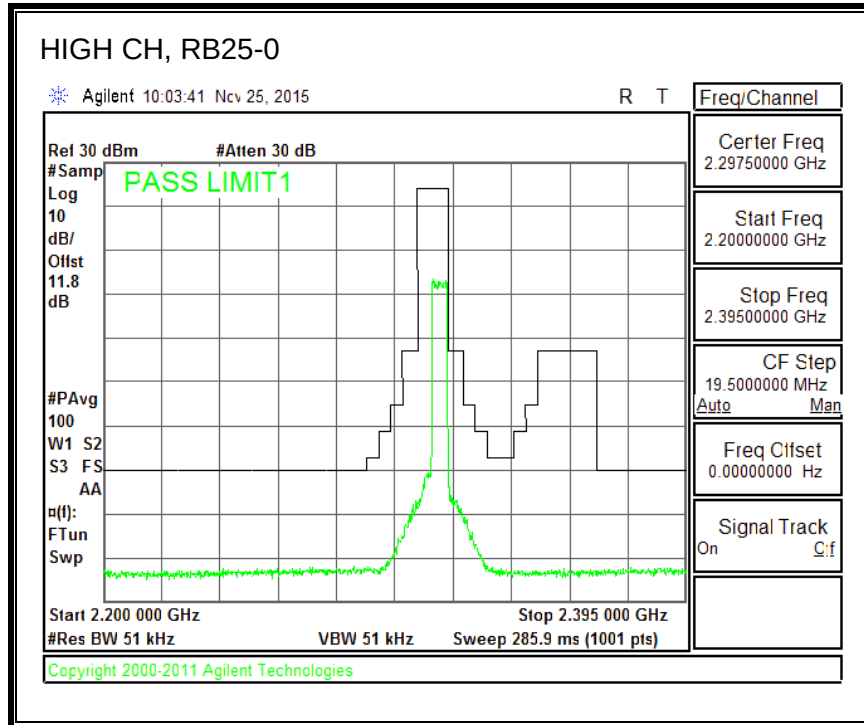


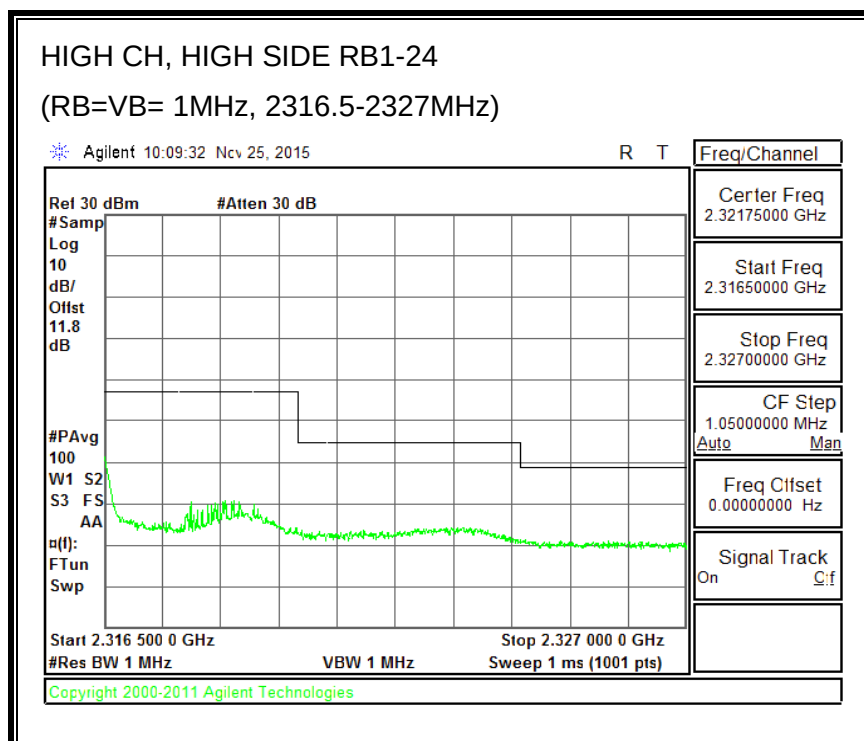
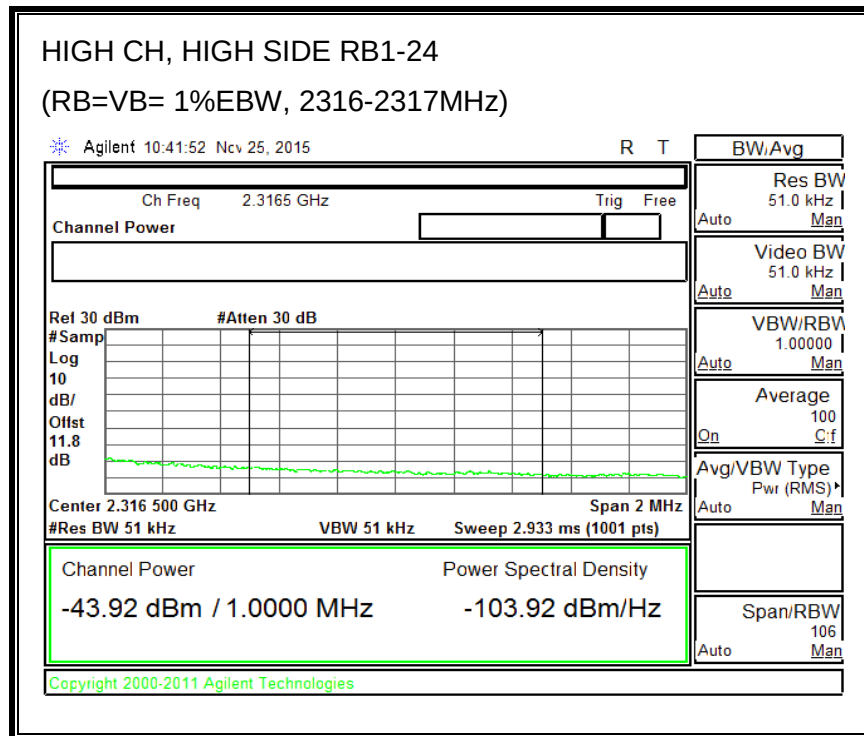


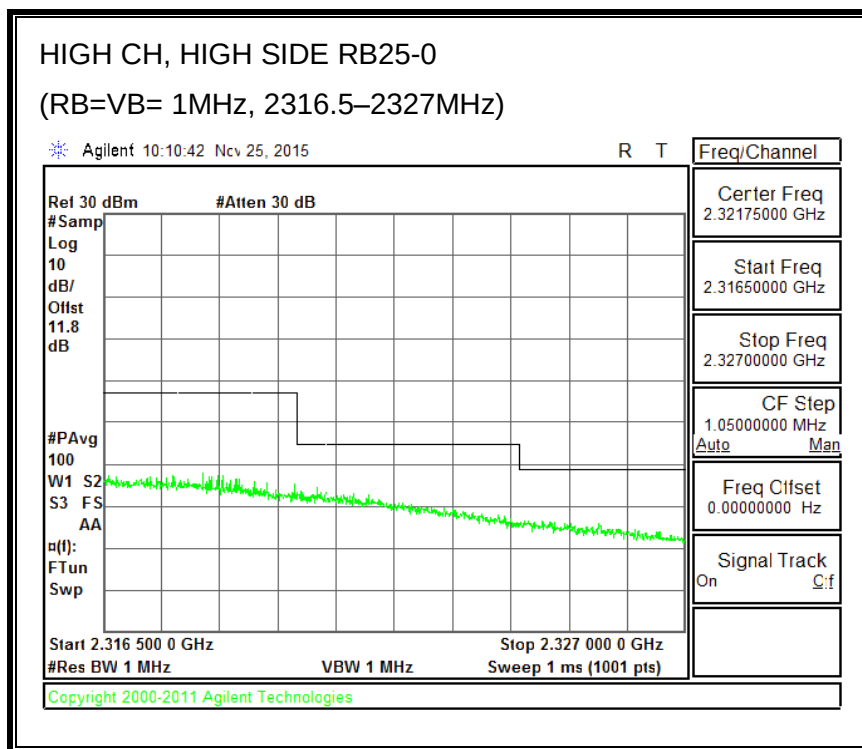
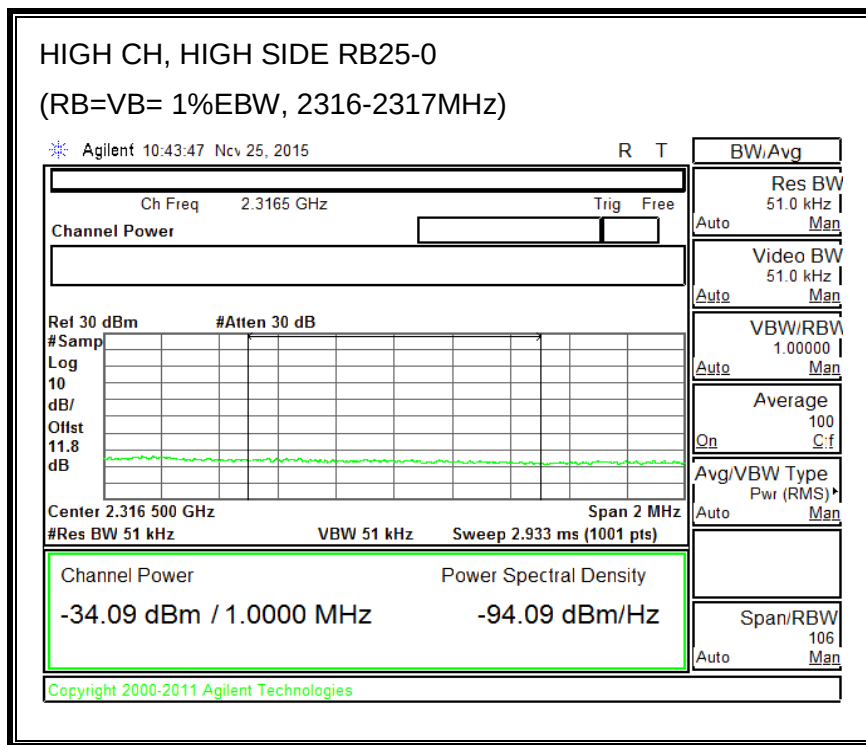




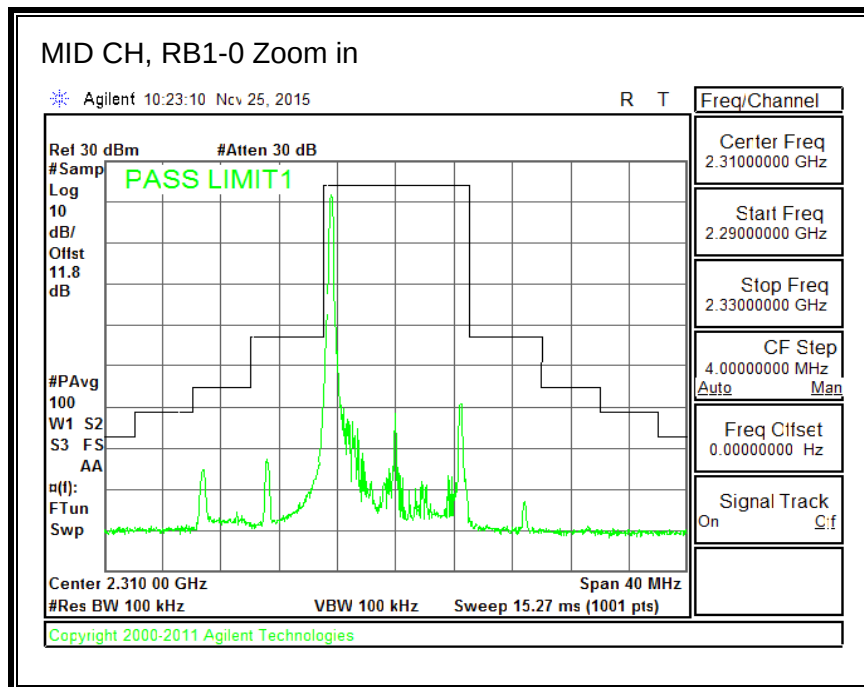
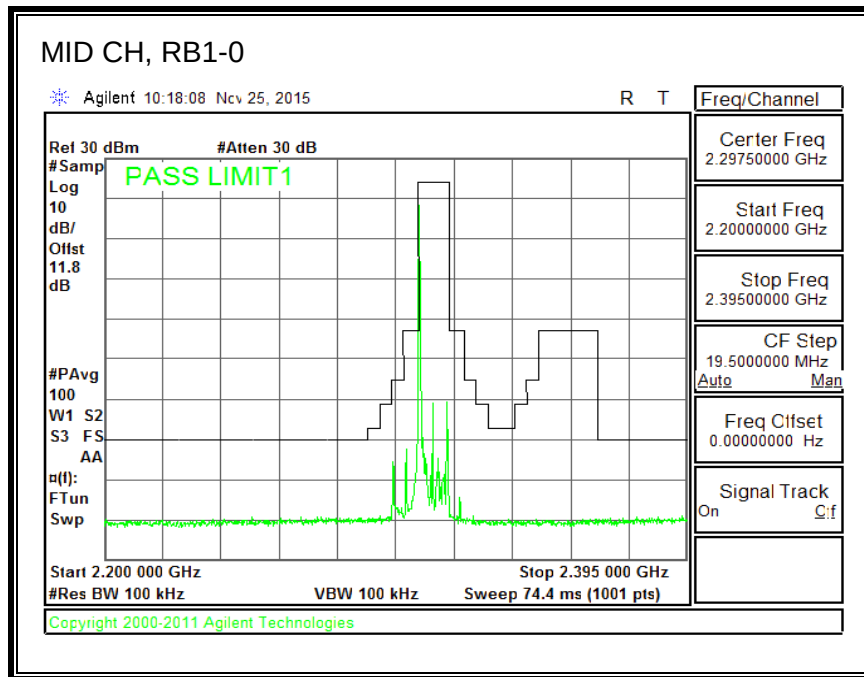


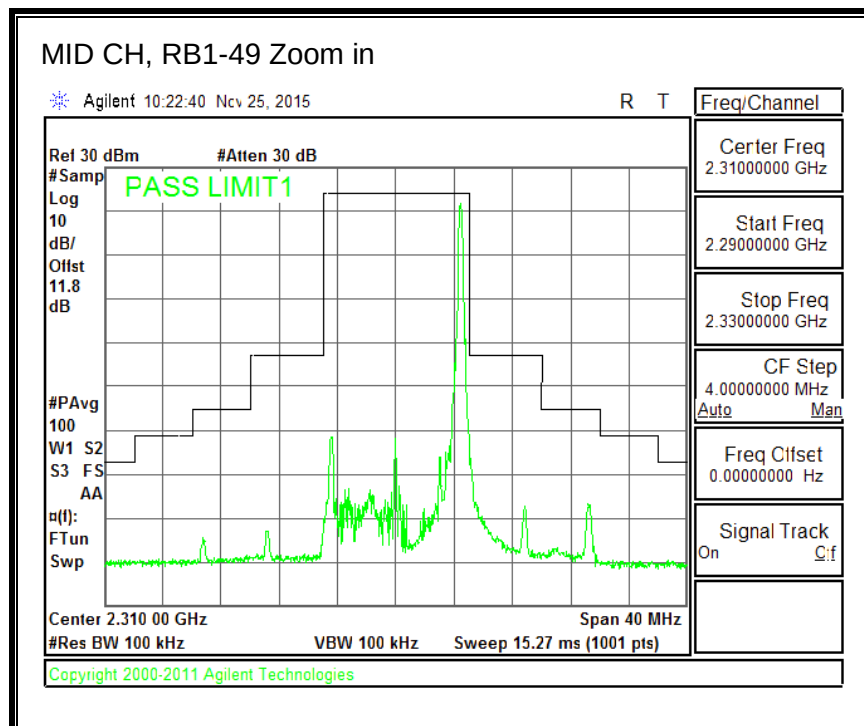
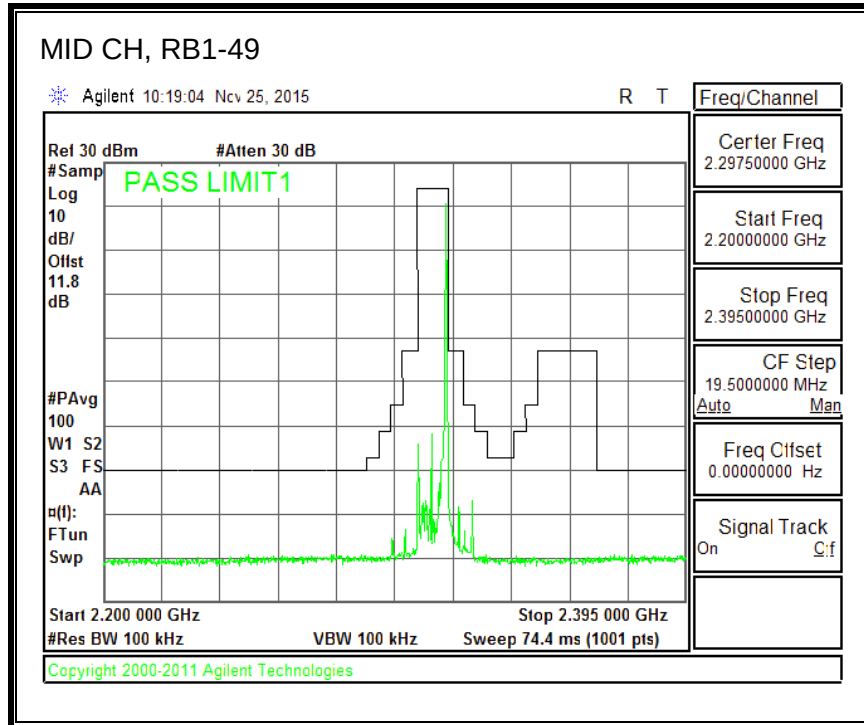


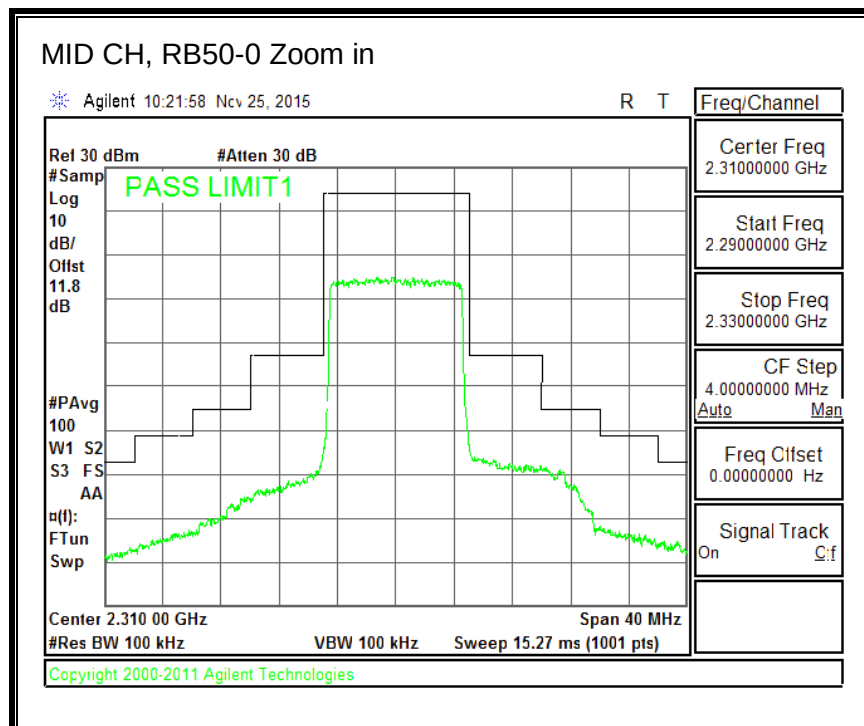
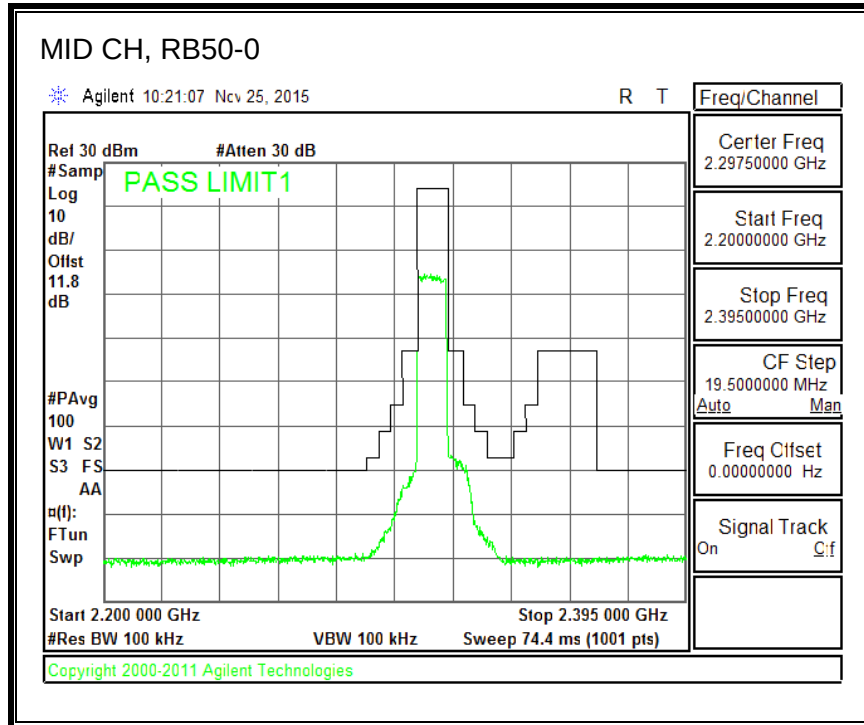


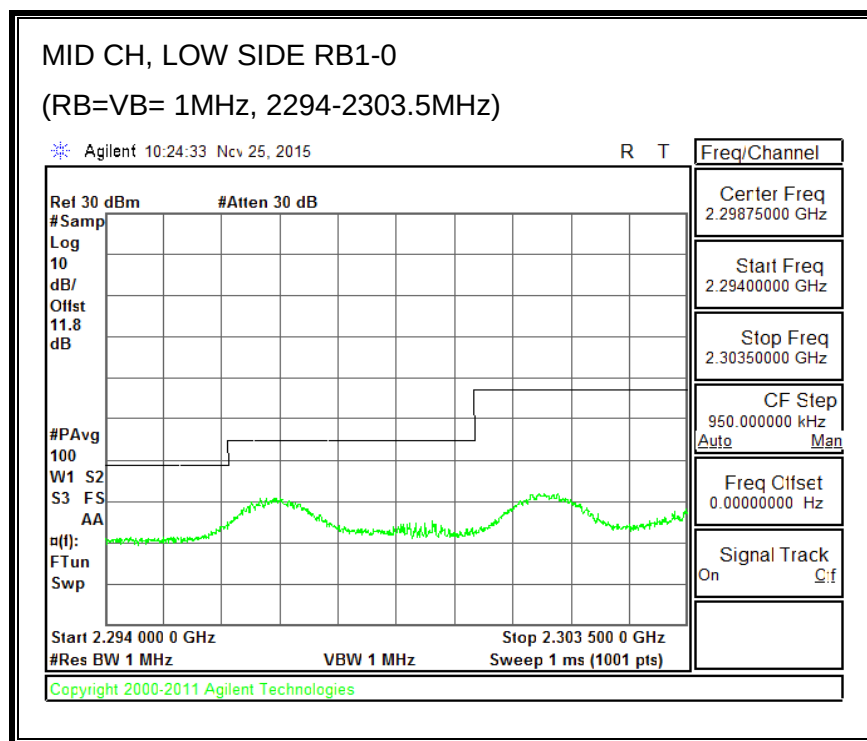
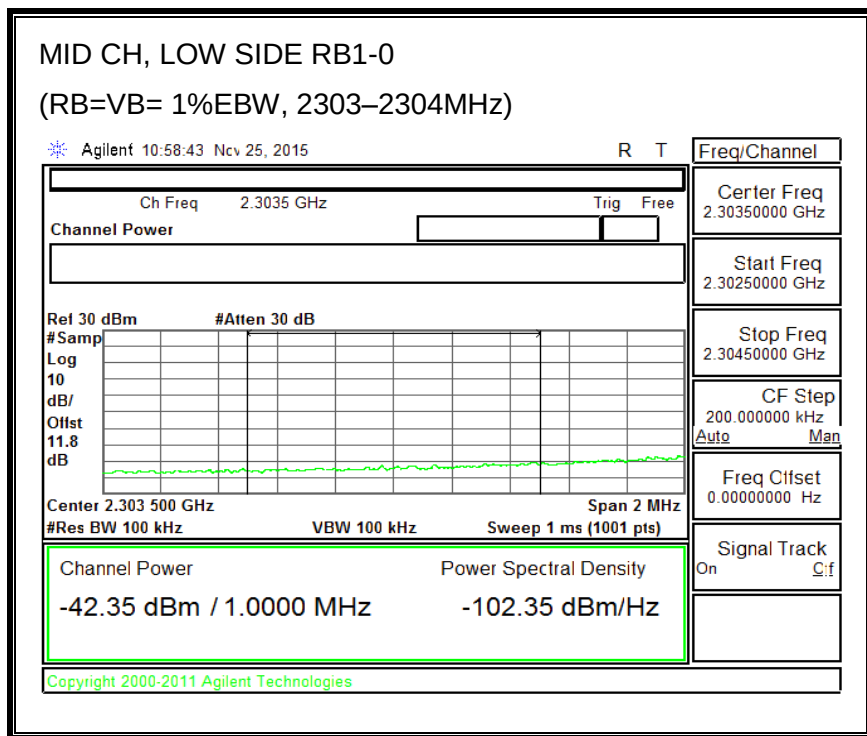


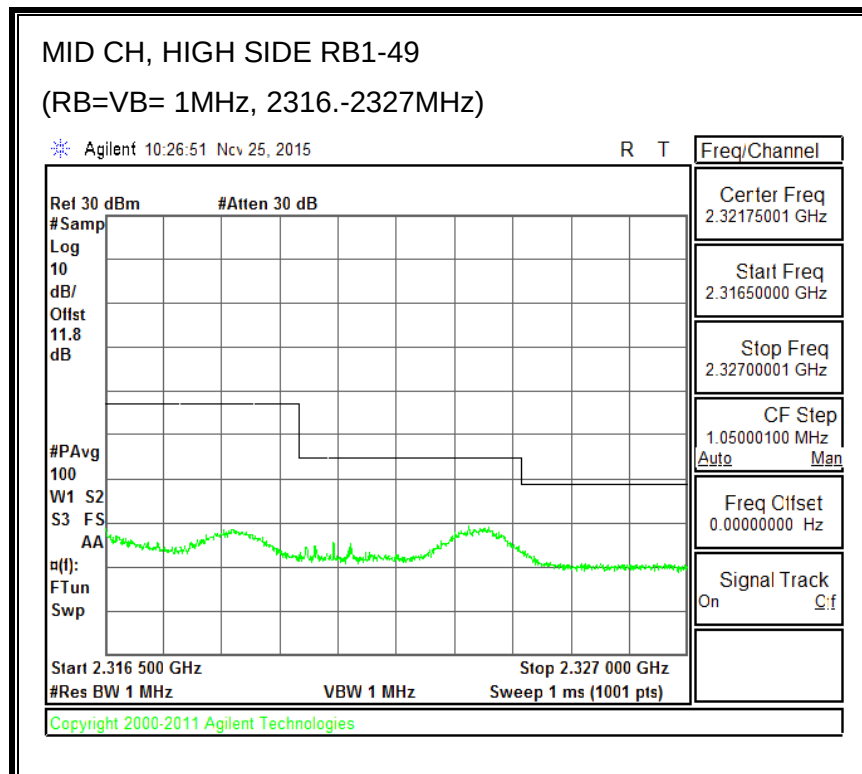
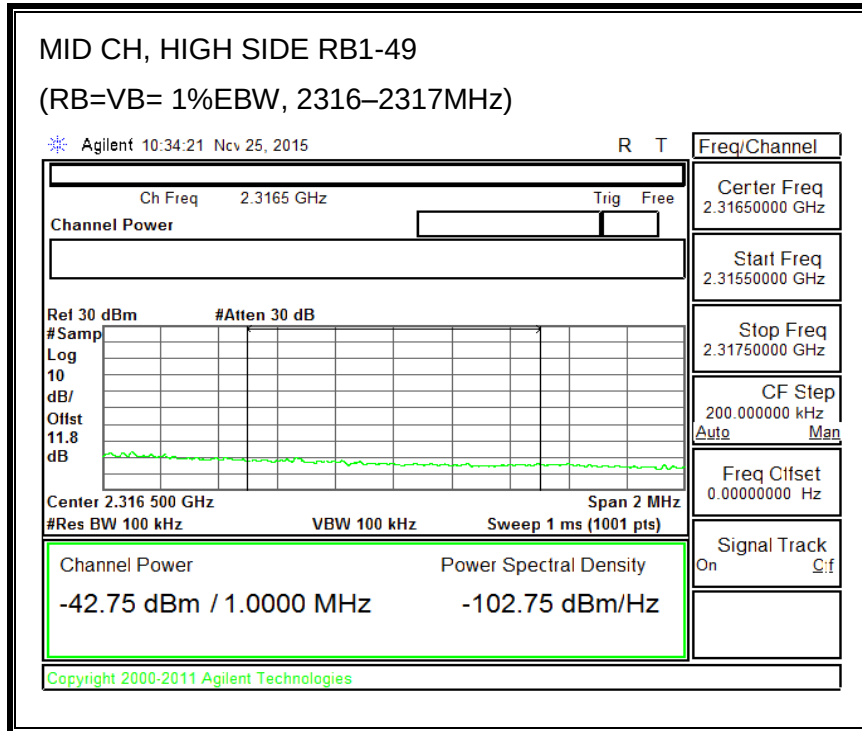
QPSK, (10.0 MHz BAND WIDTH)

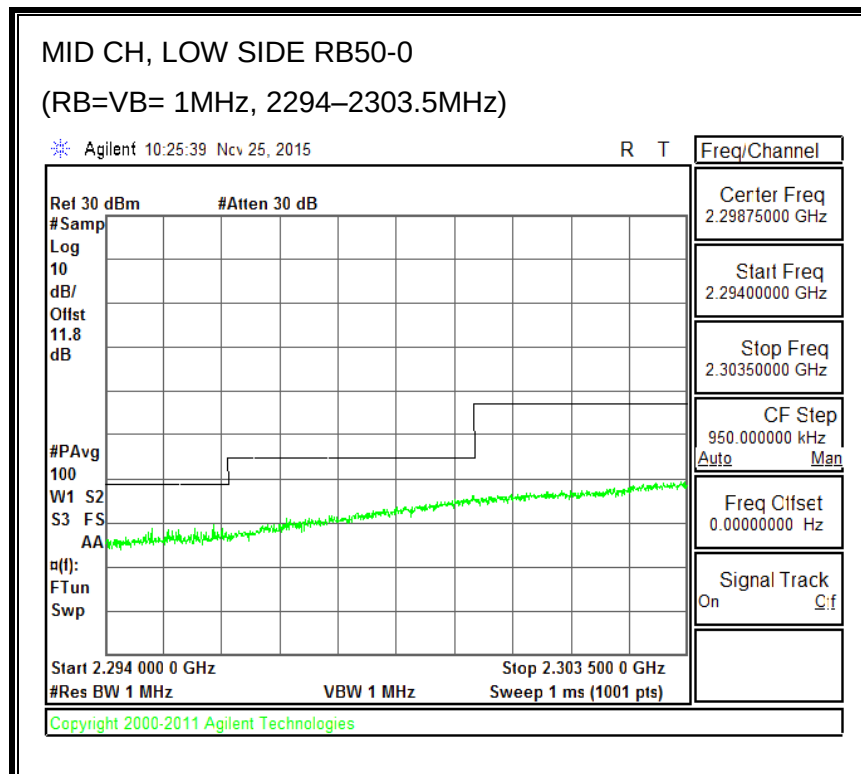
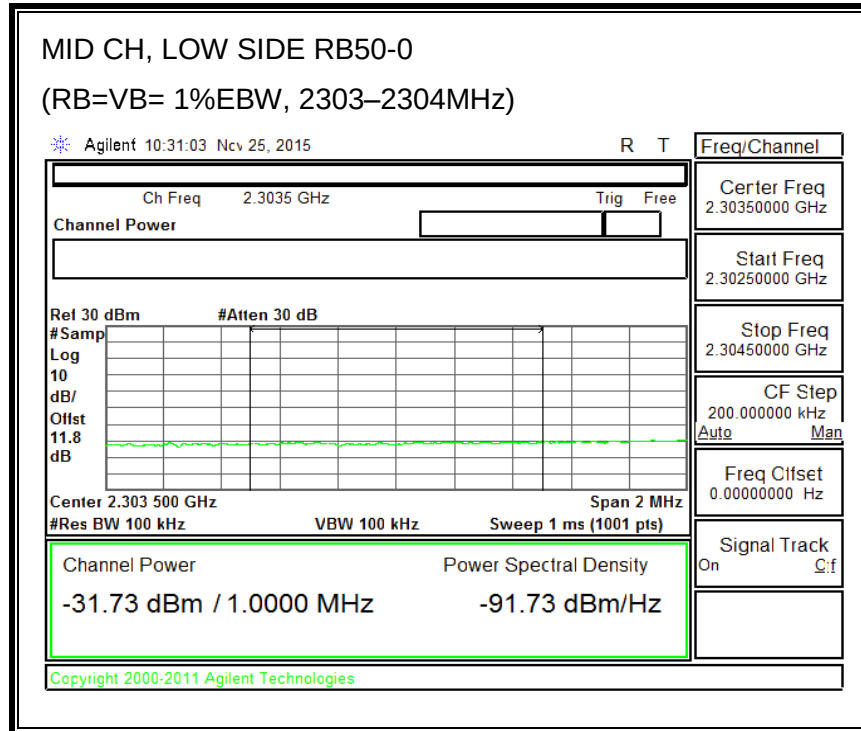


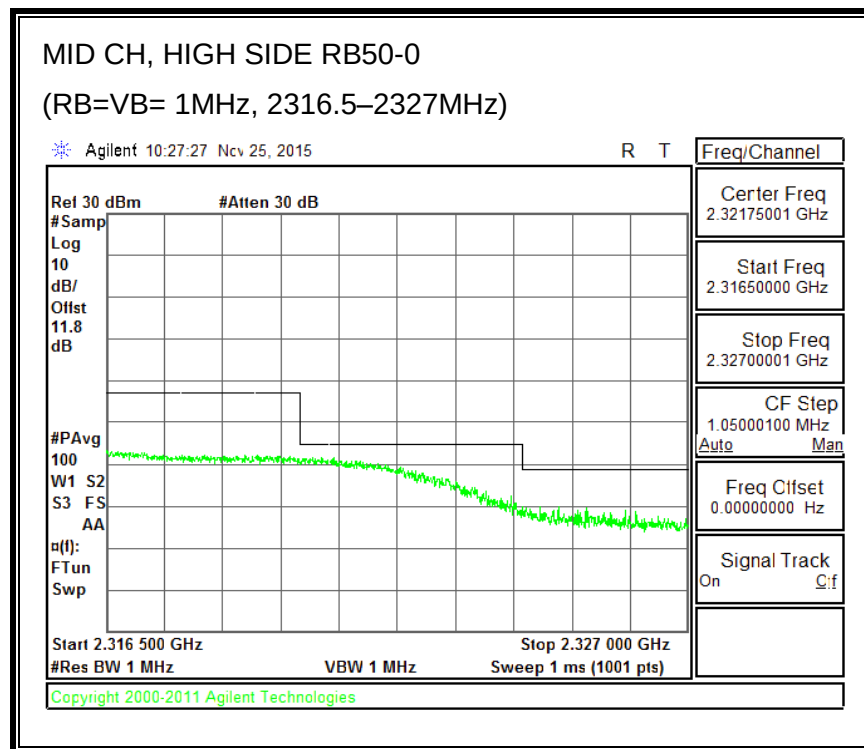
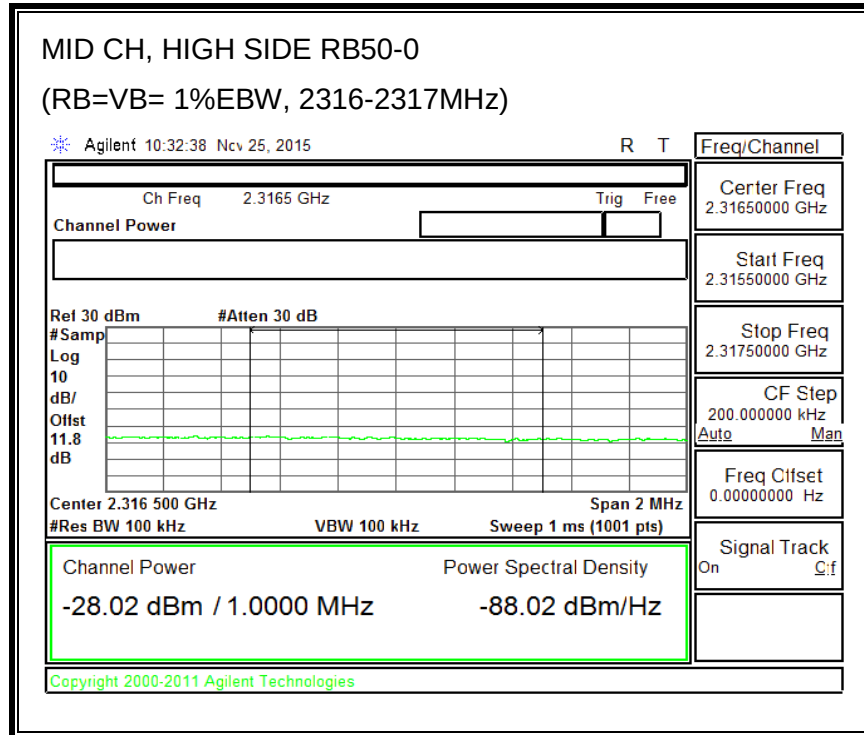




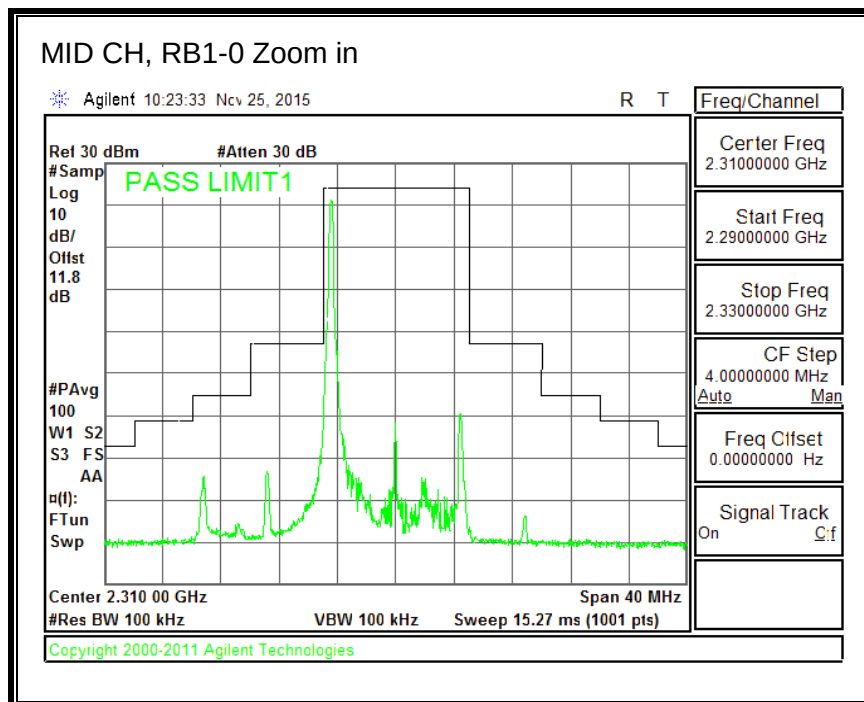
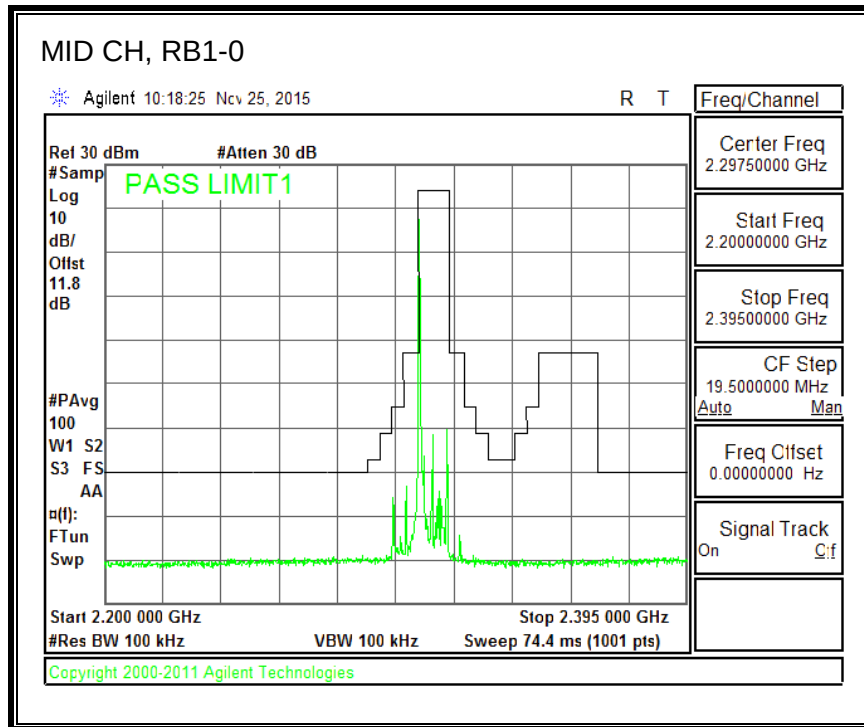


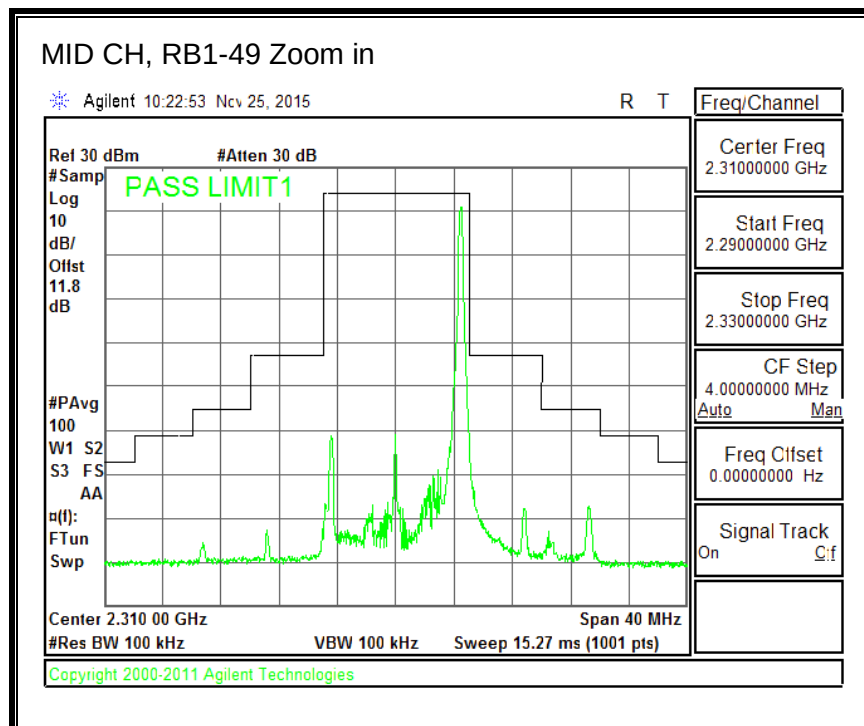
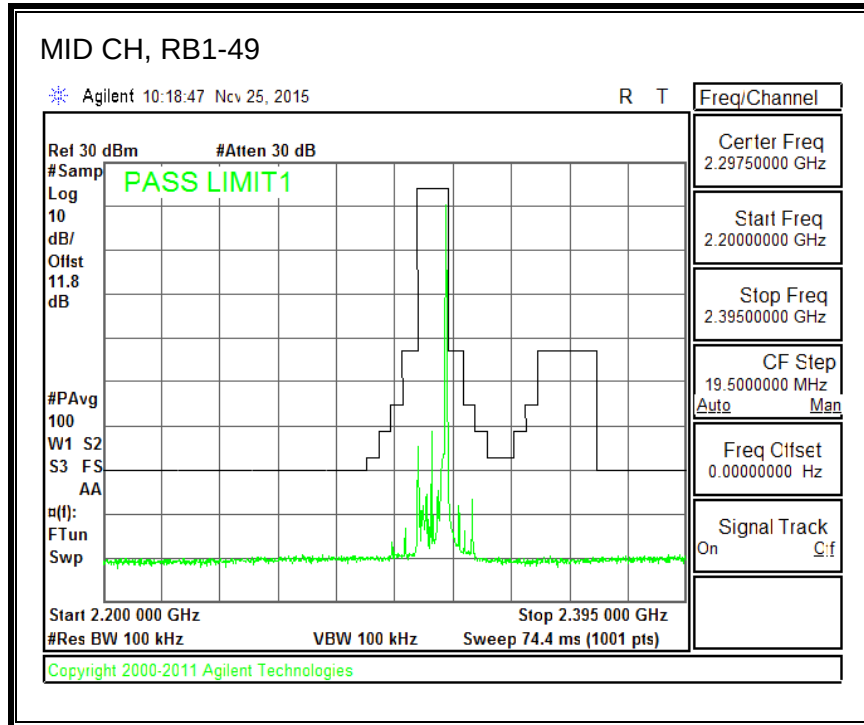


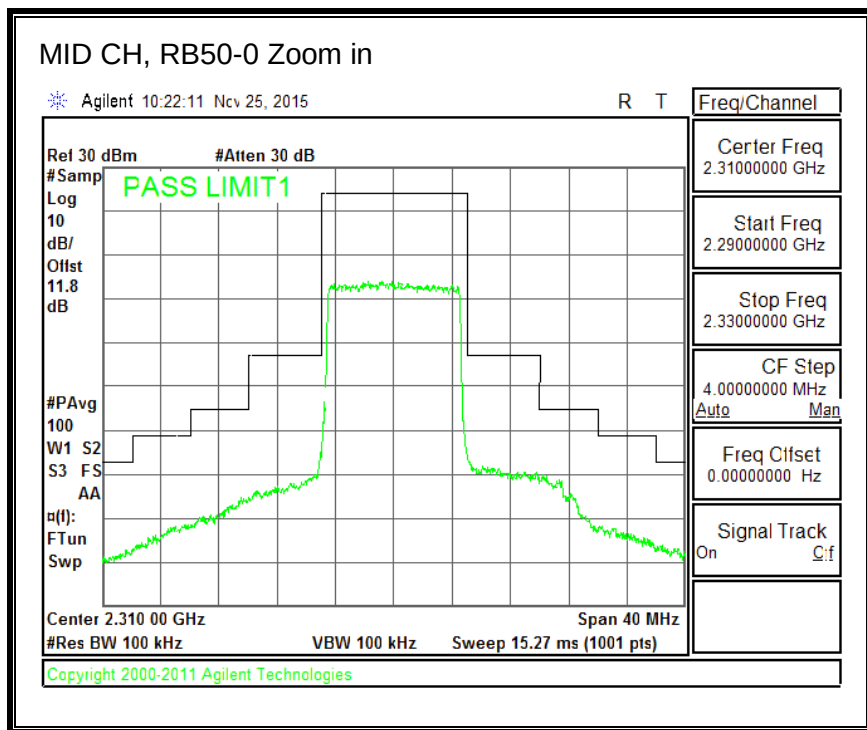
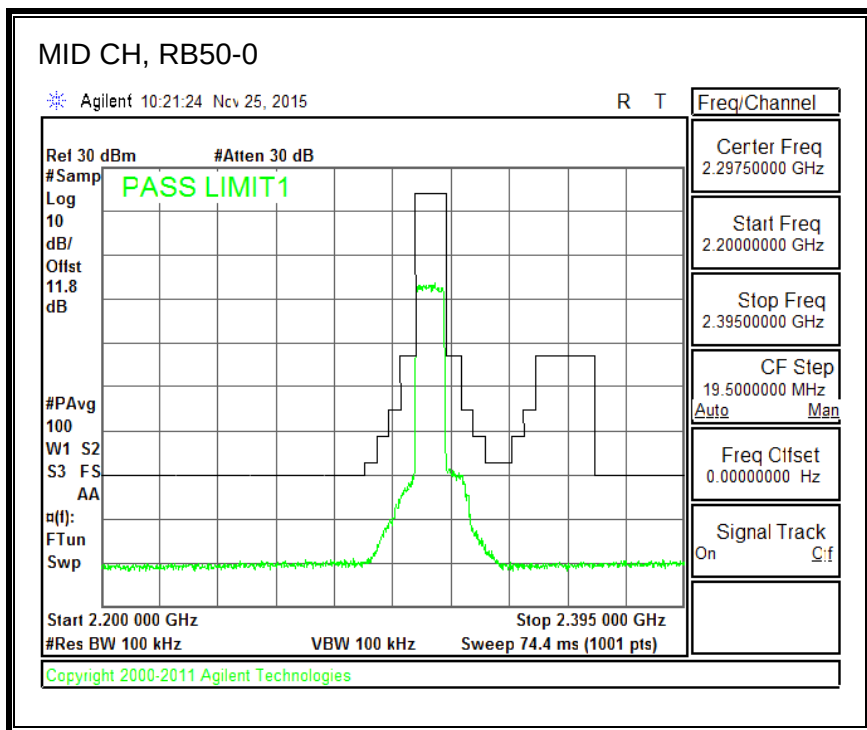


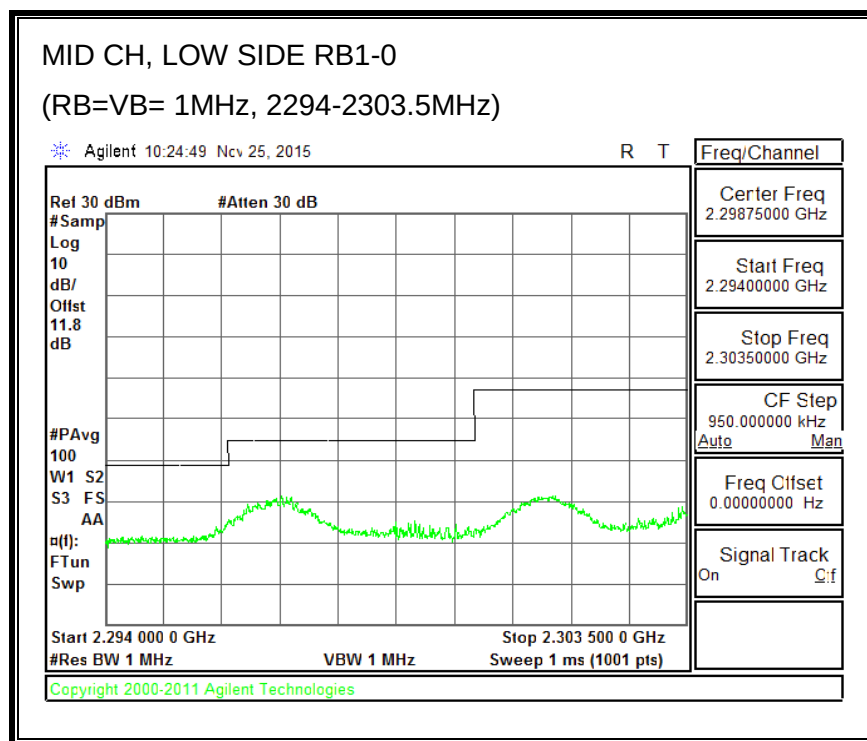
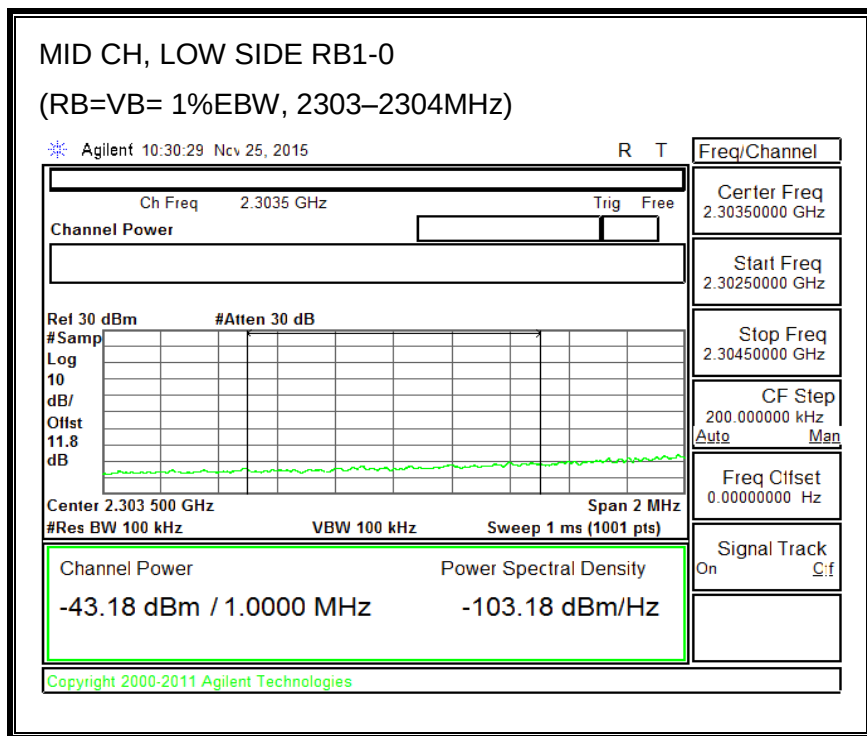


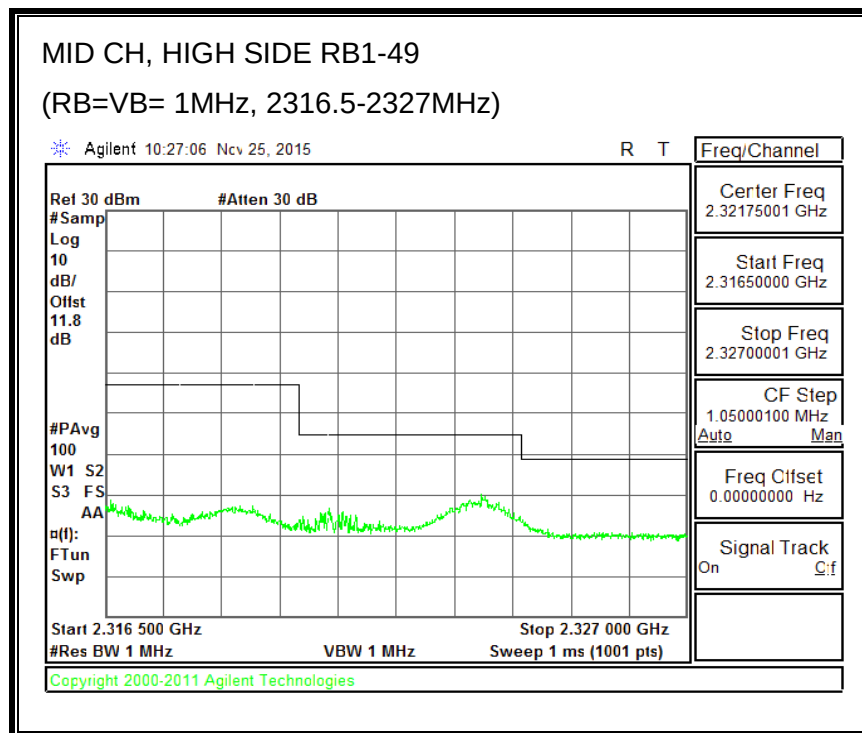
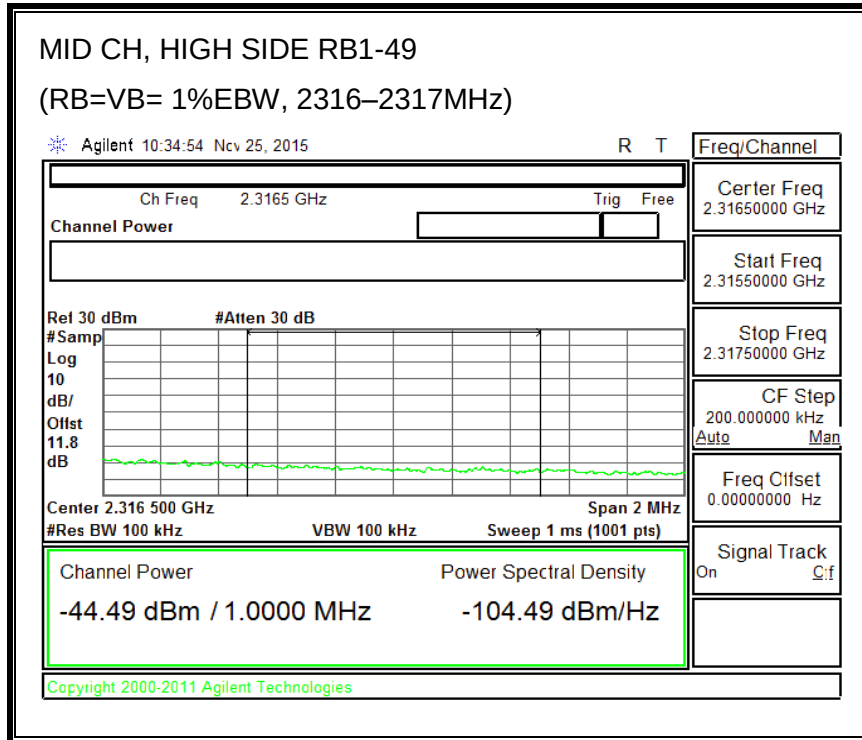
16QAM, (10.0 MHz BAND WIDTH)

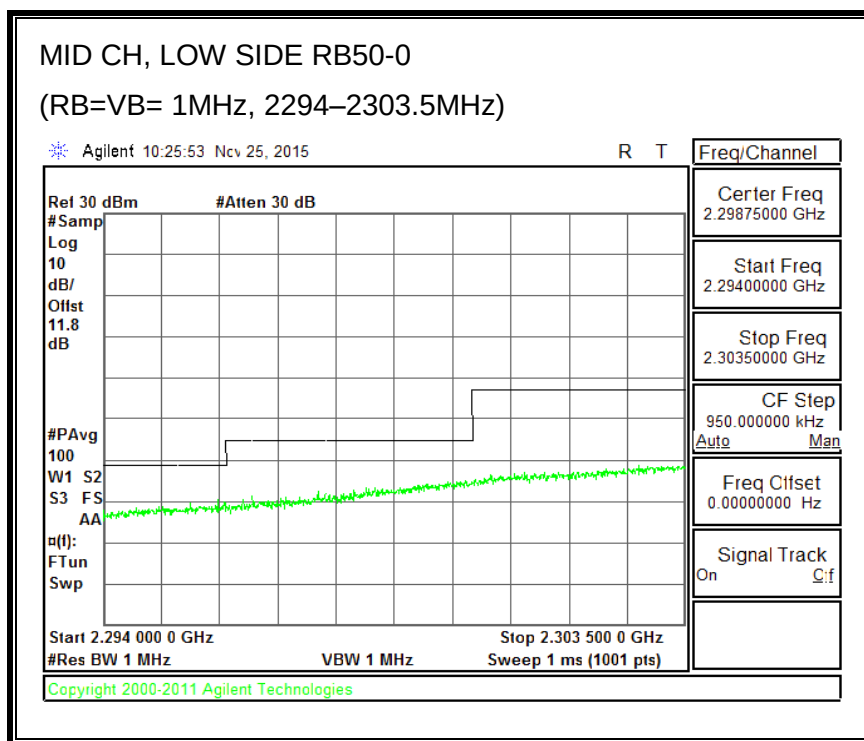
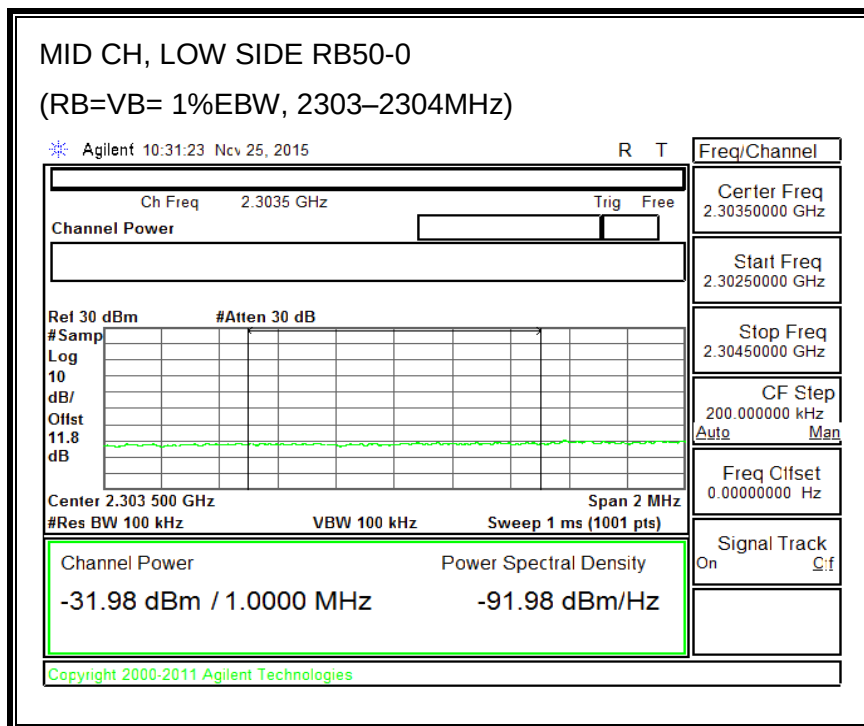


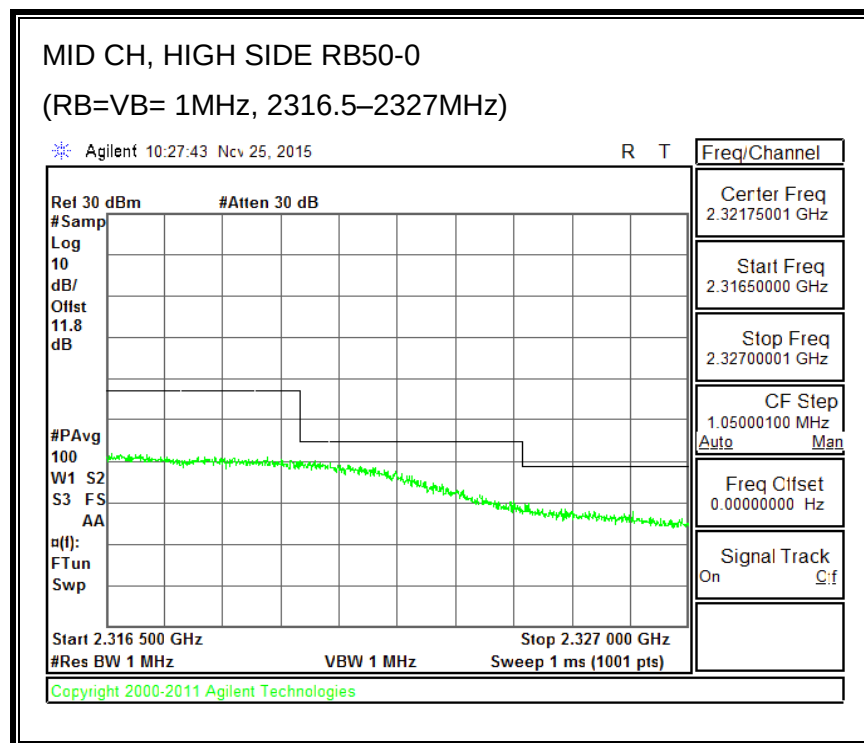
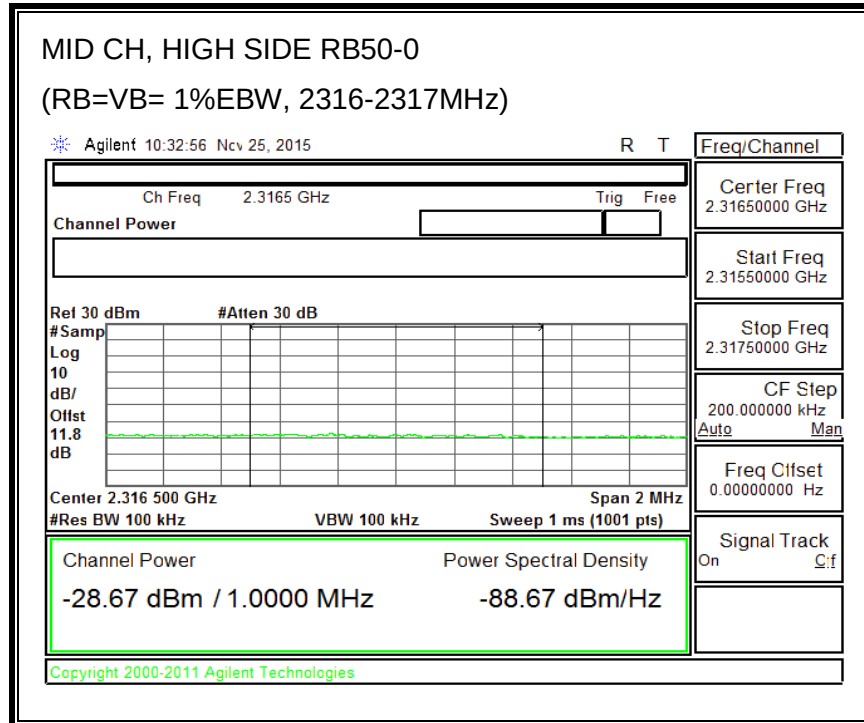






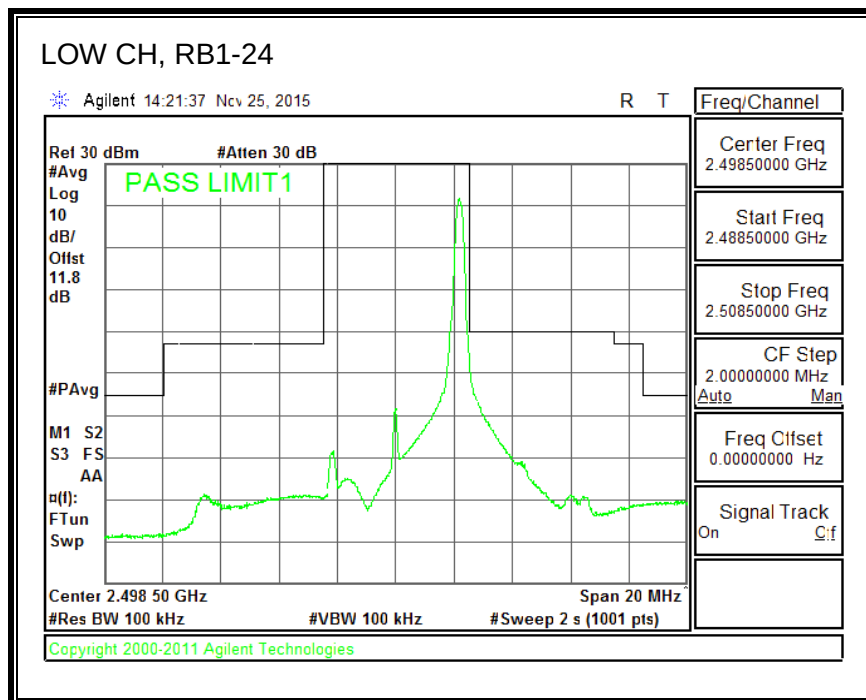
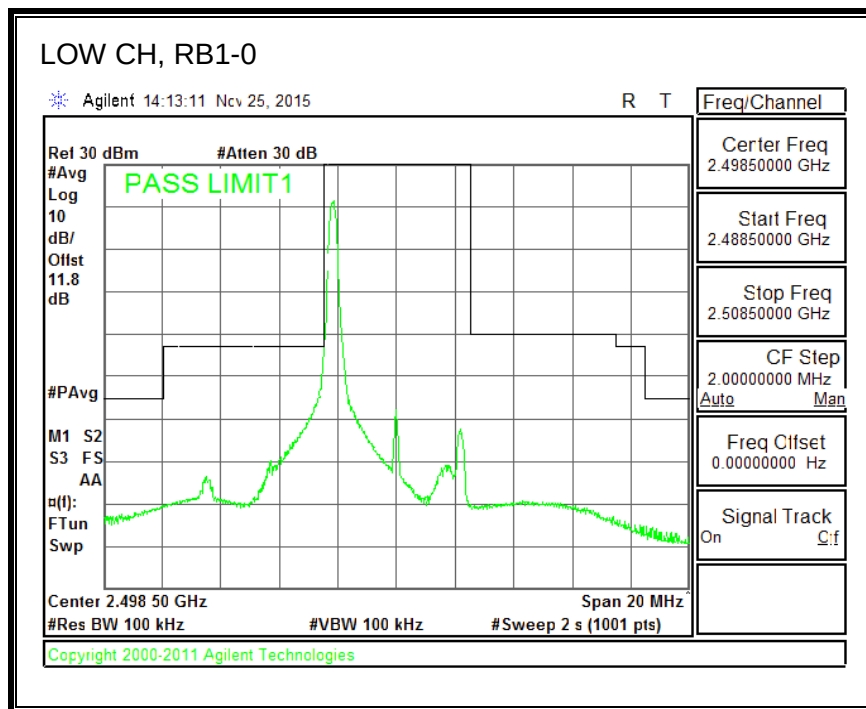


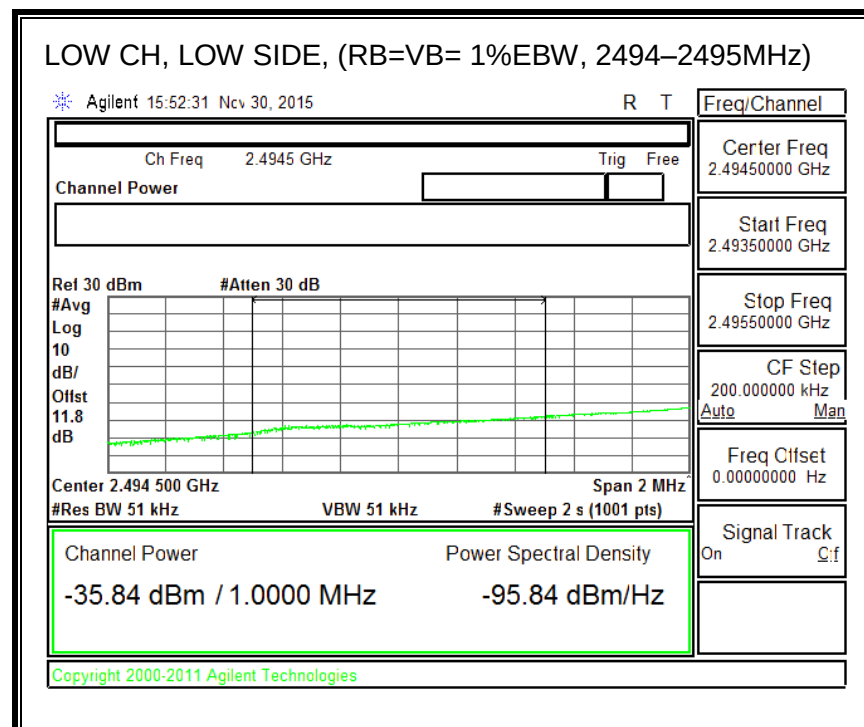
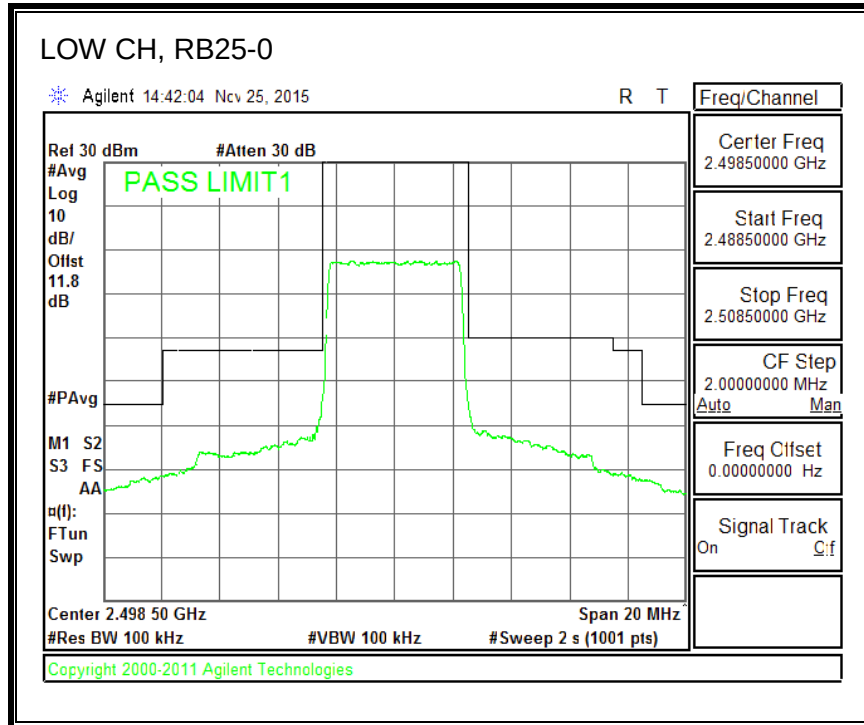


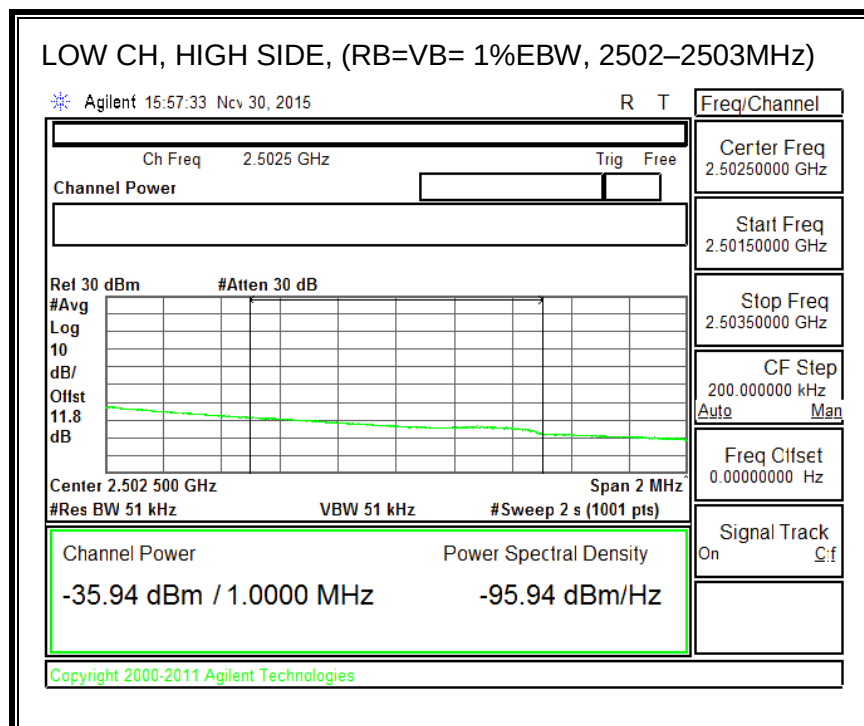
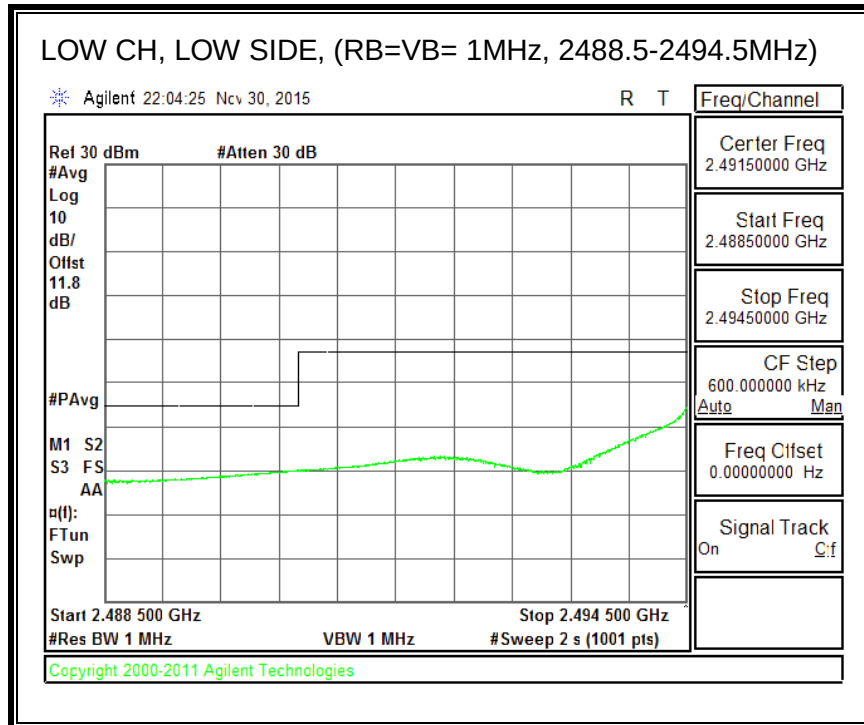


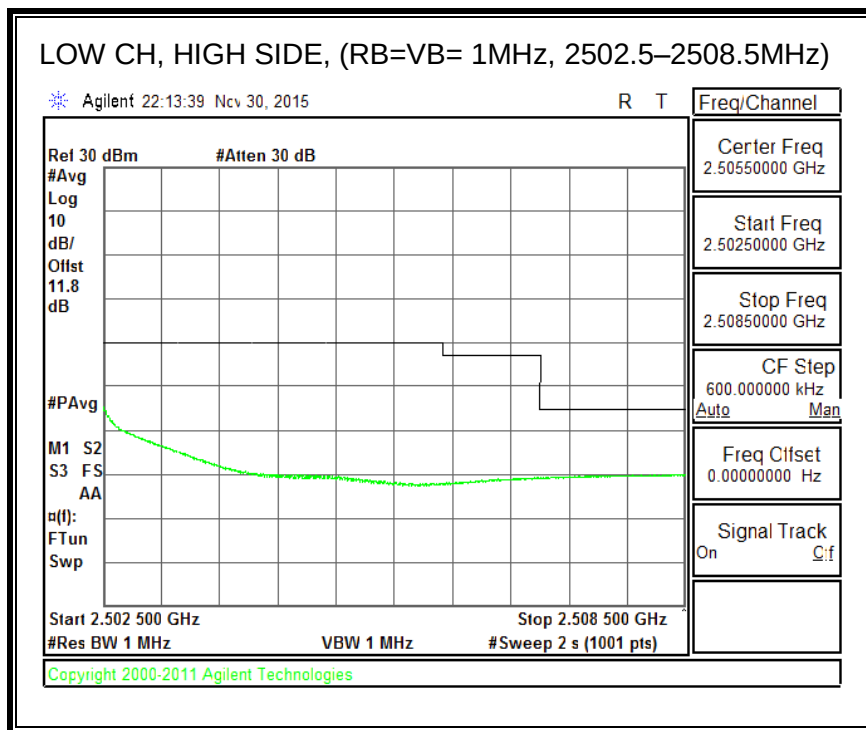
8.2.12. LTE BAND 41 EMISSION MASK

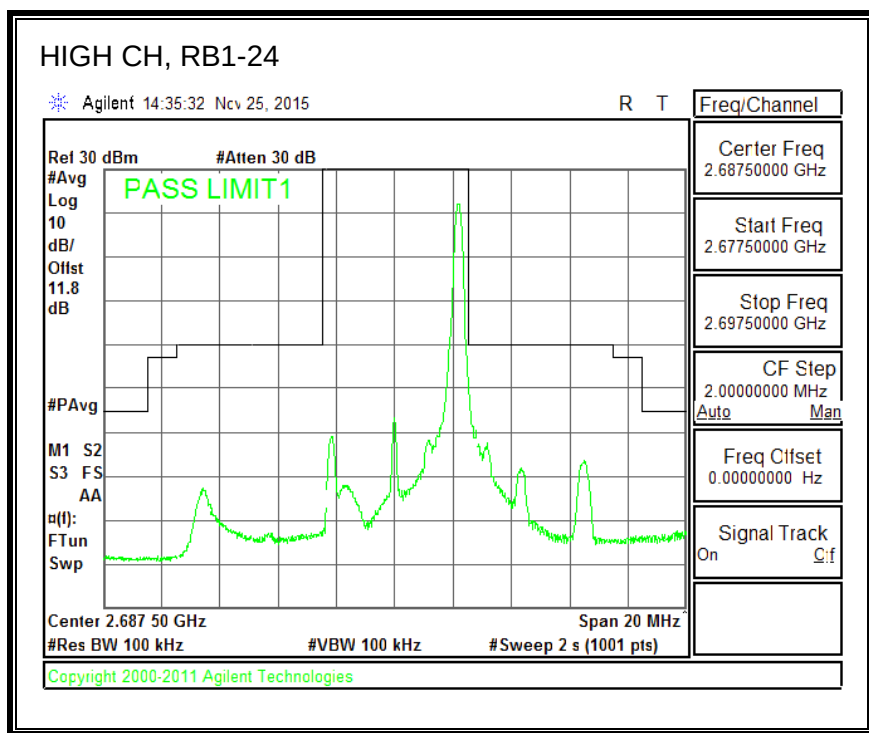
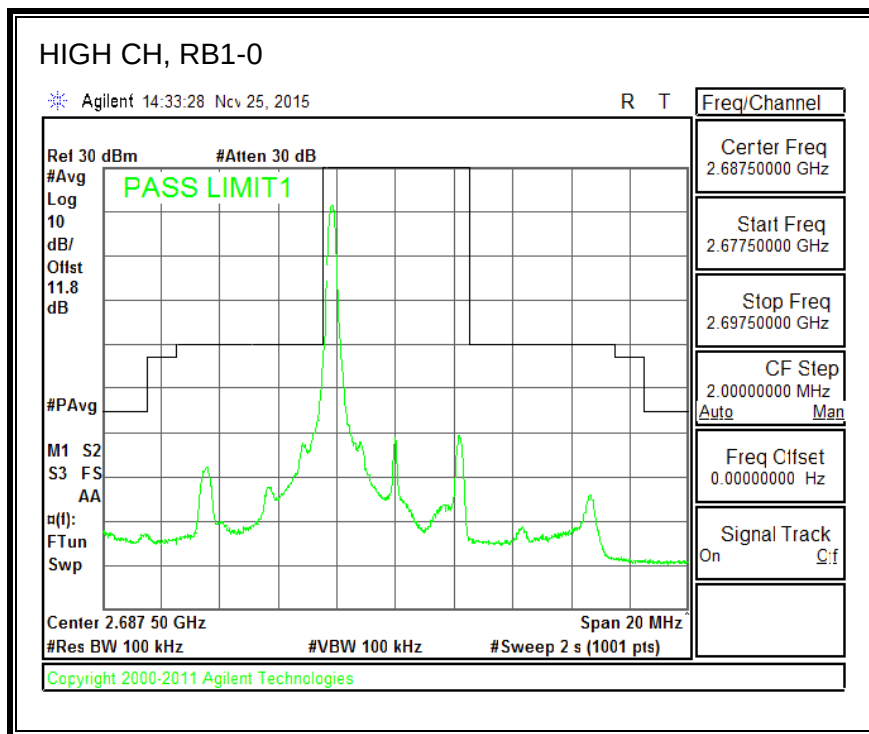
QPSK, (5.0 MHz BAND WIDTH)

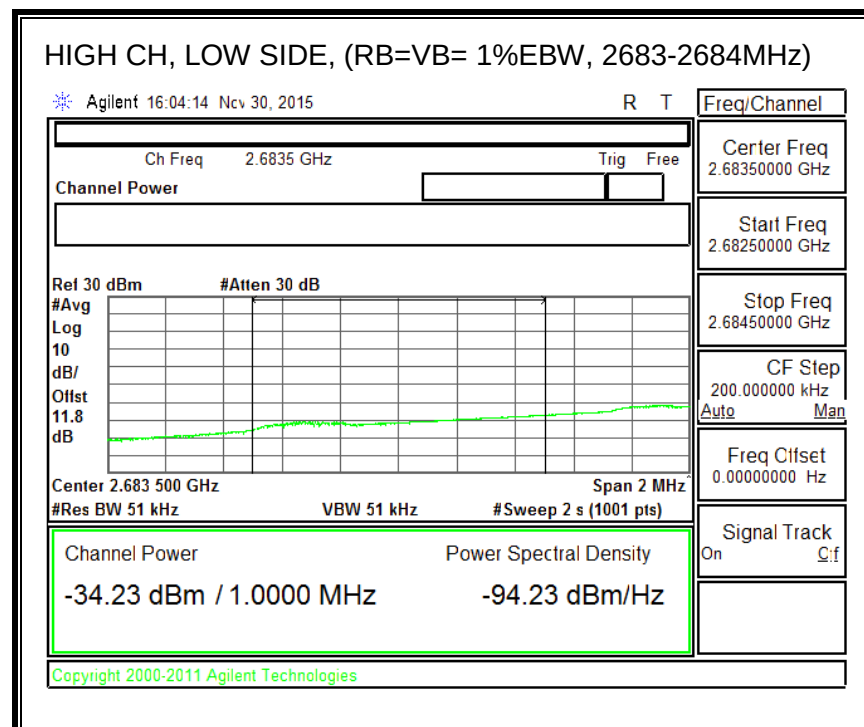
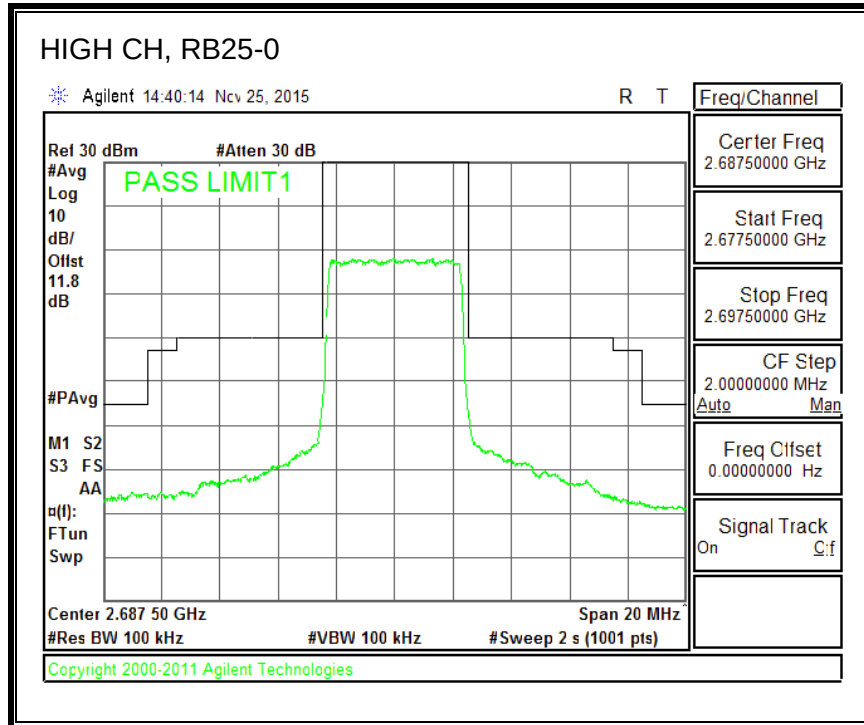


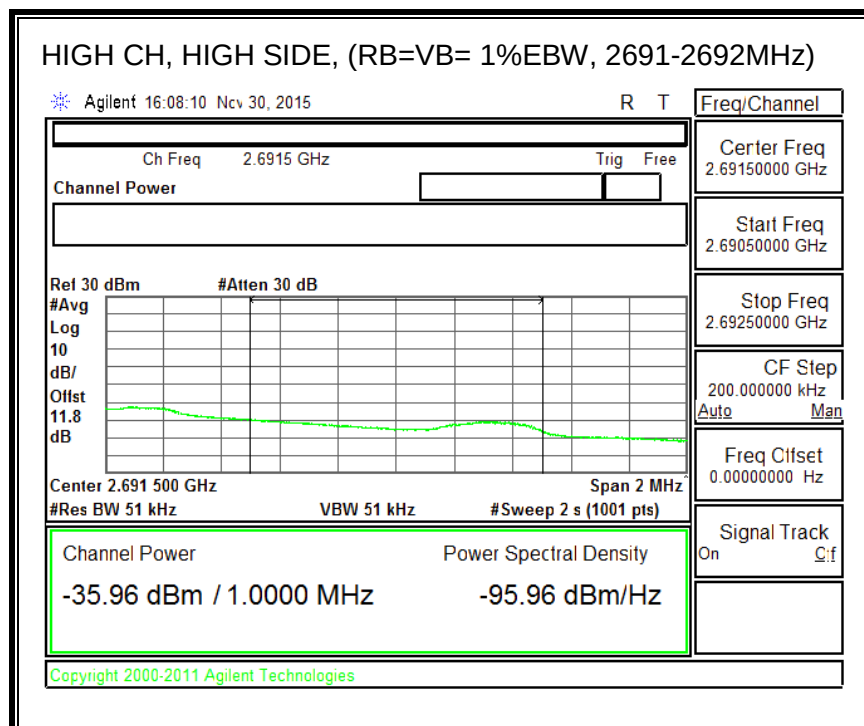
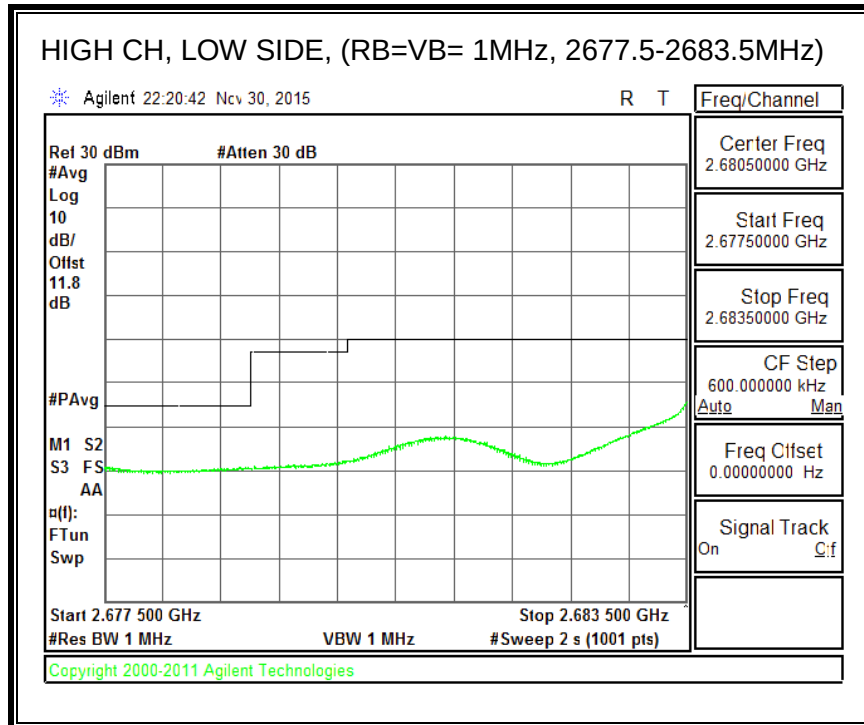


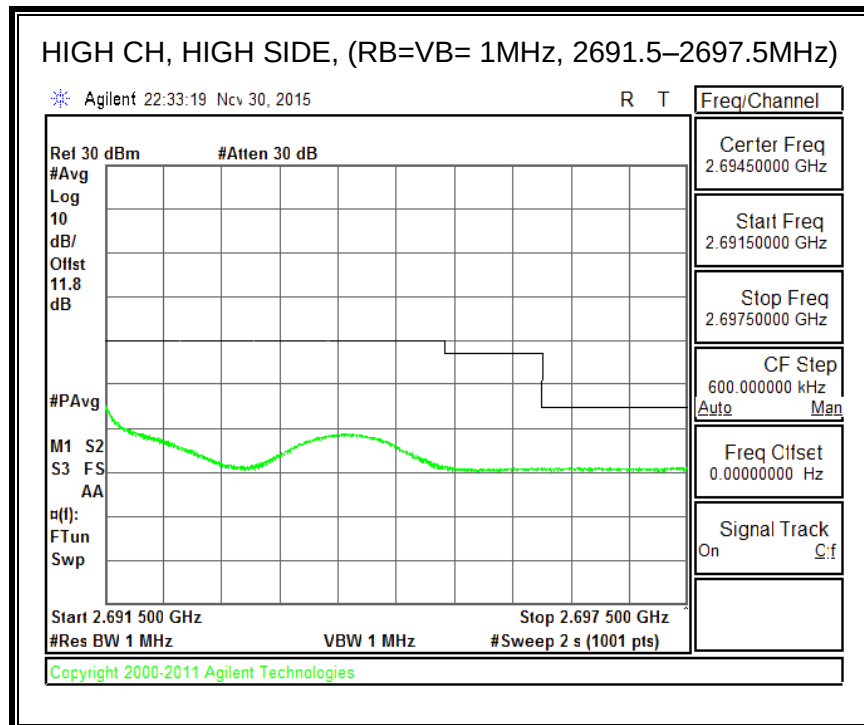




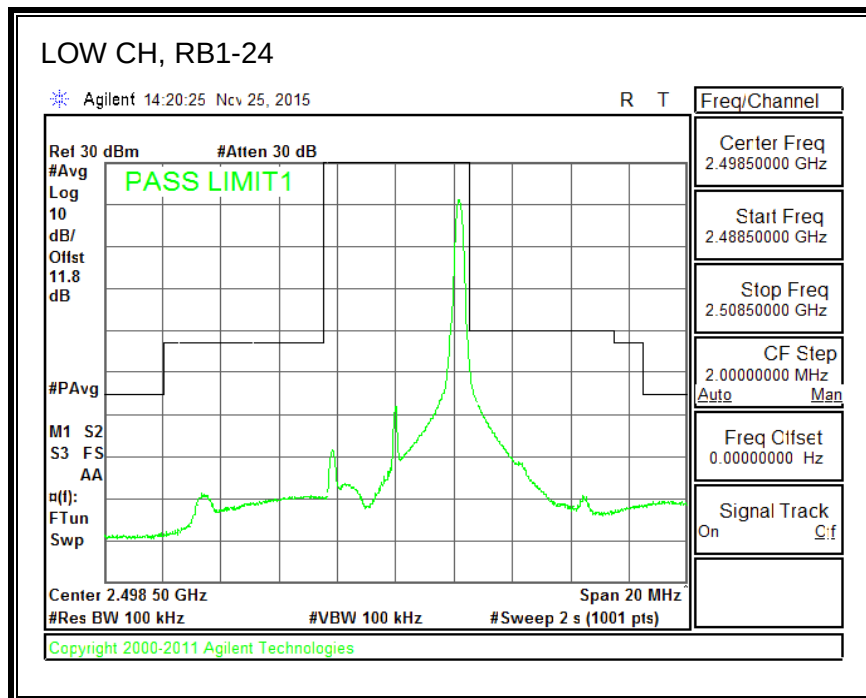
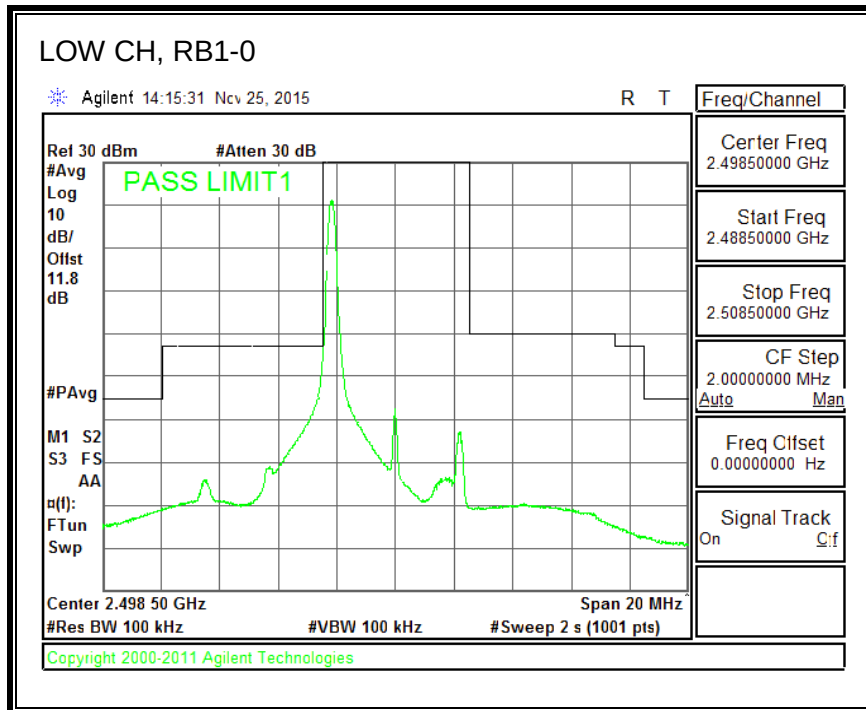


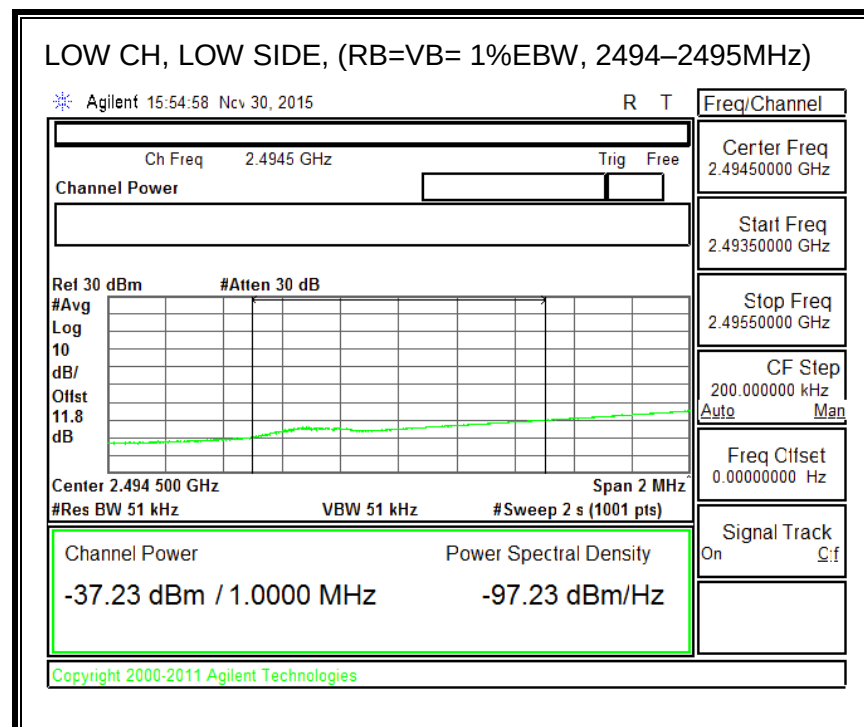
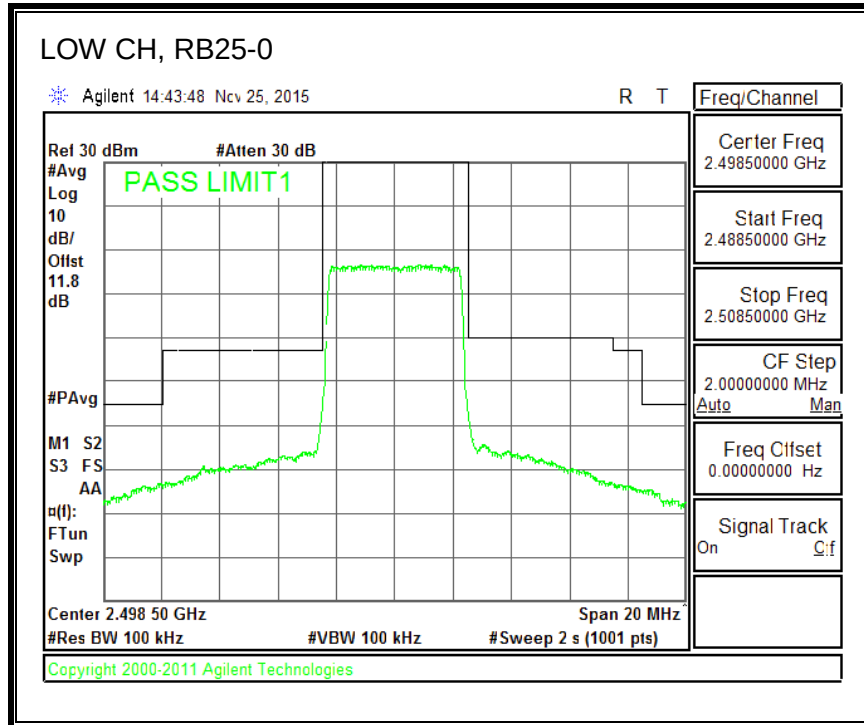


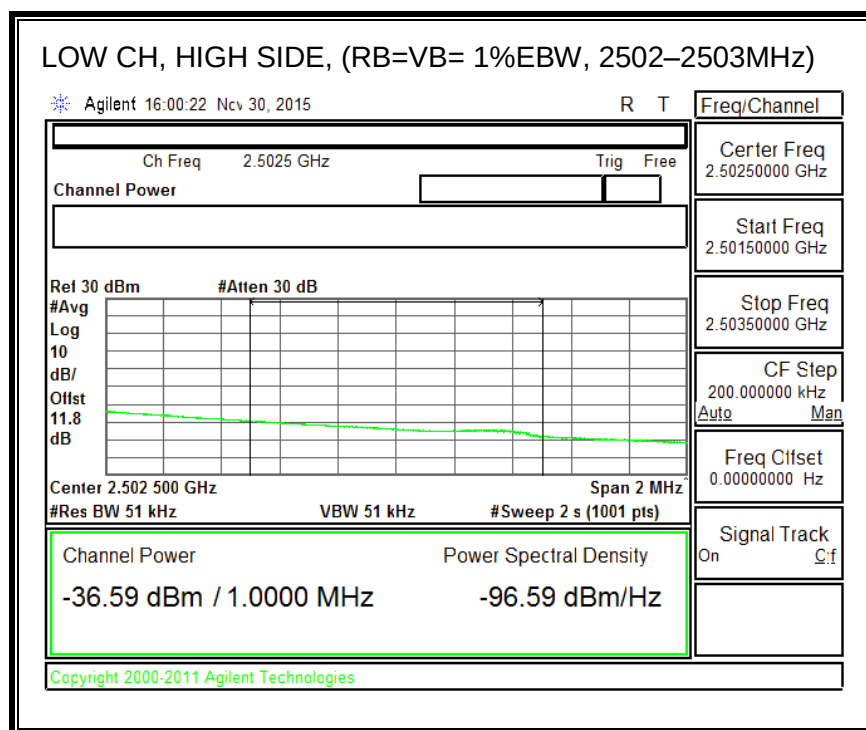
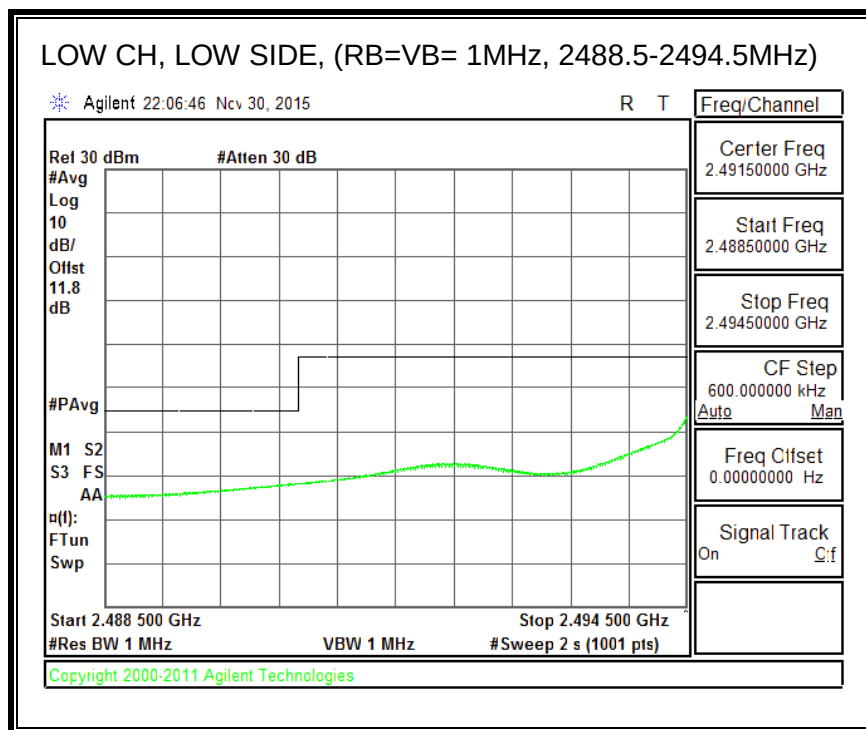


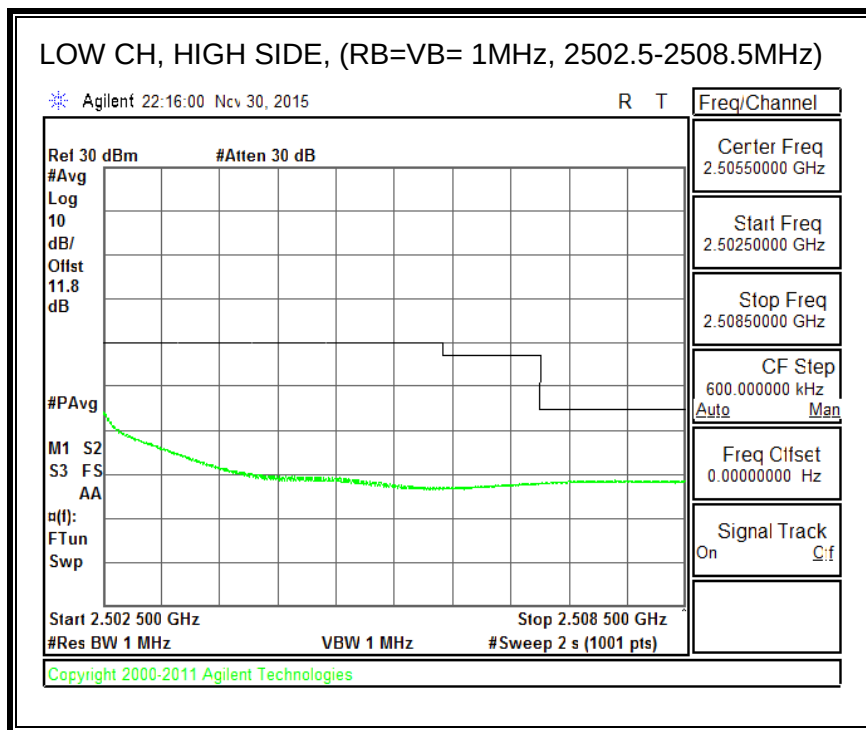


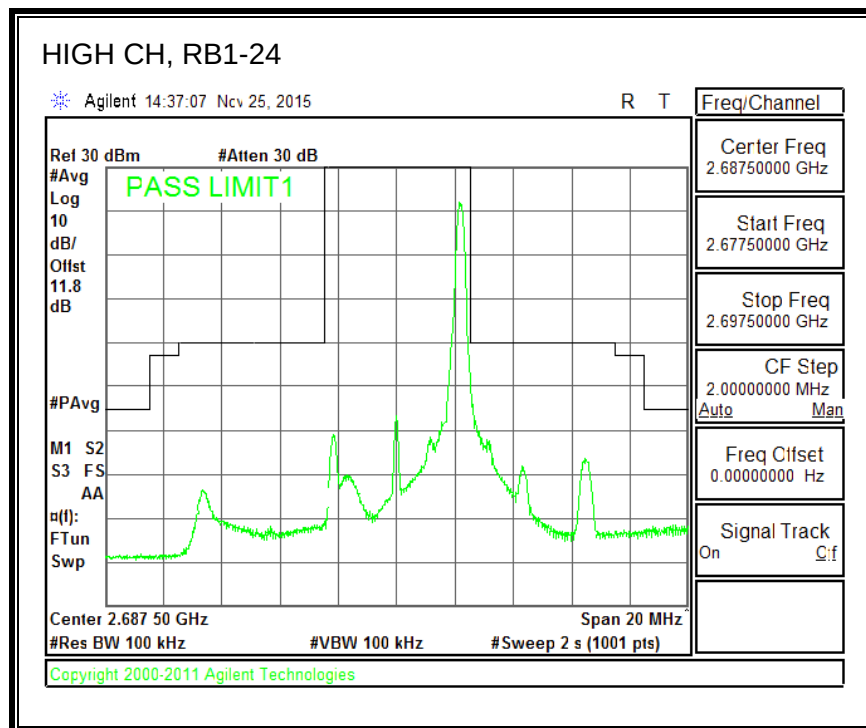
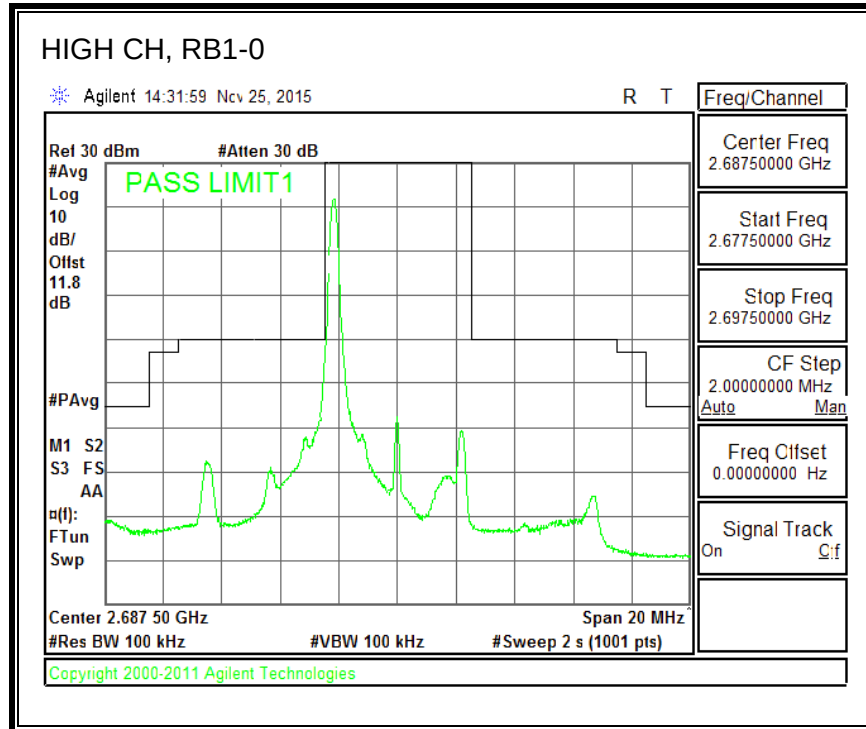
16QAM, (5.0 MHz BAND WIDTH)

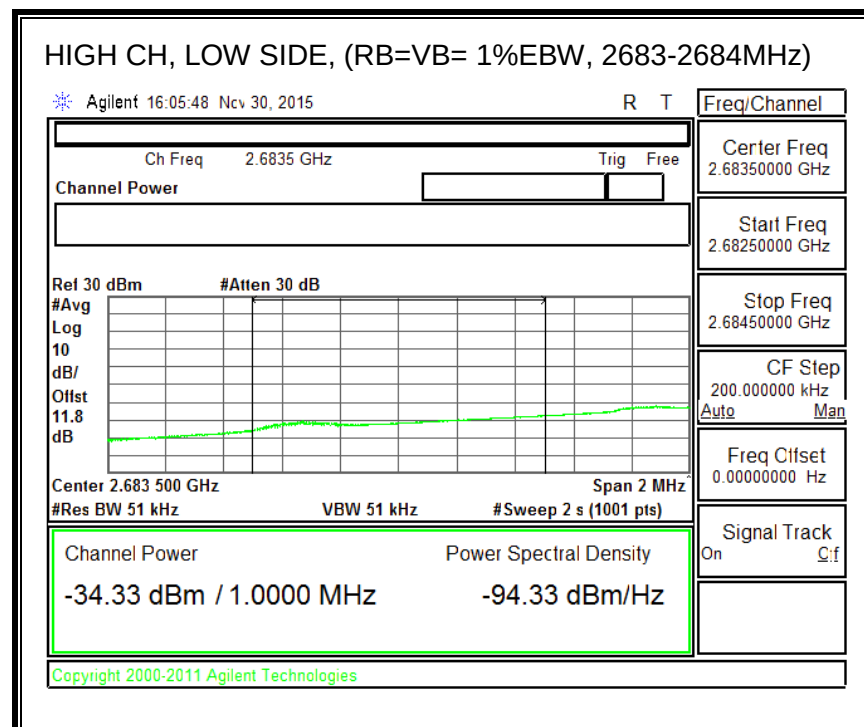
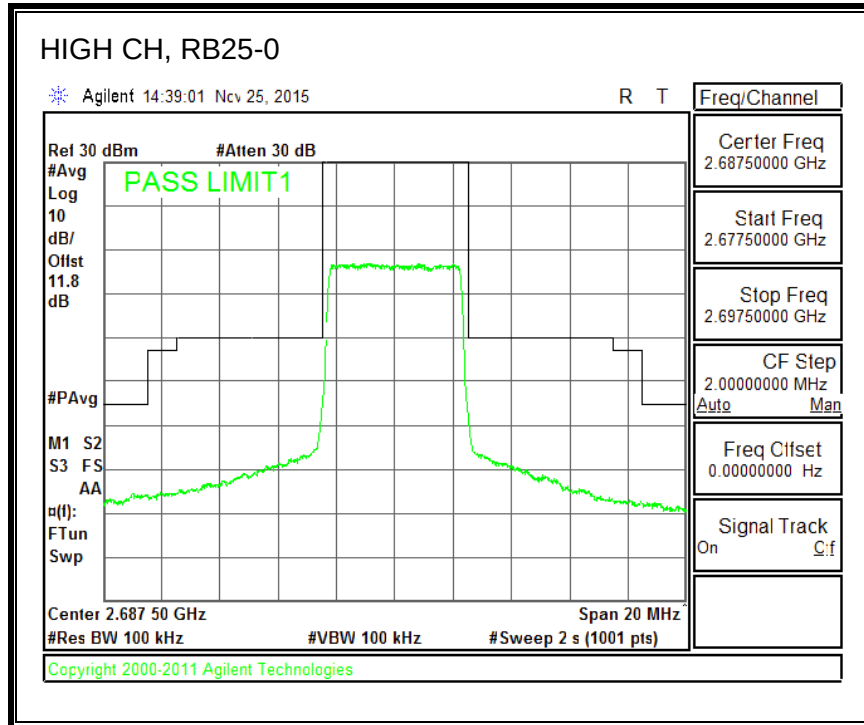


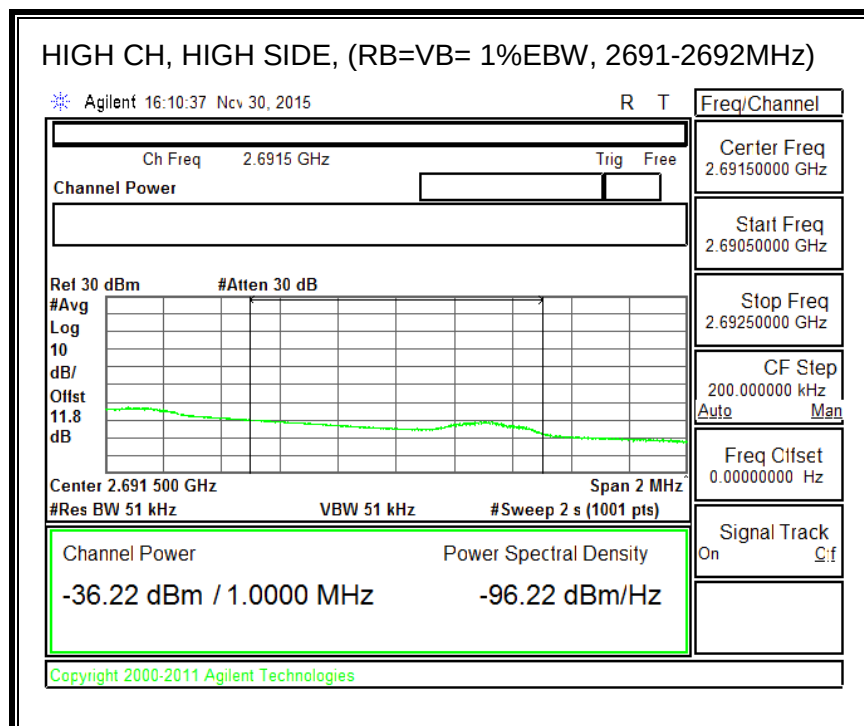
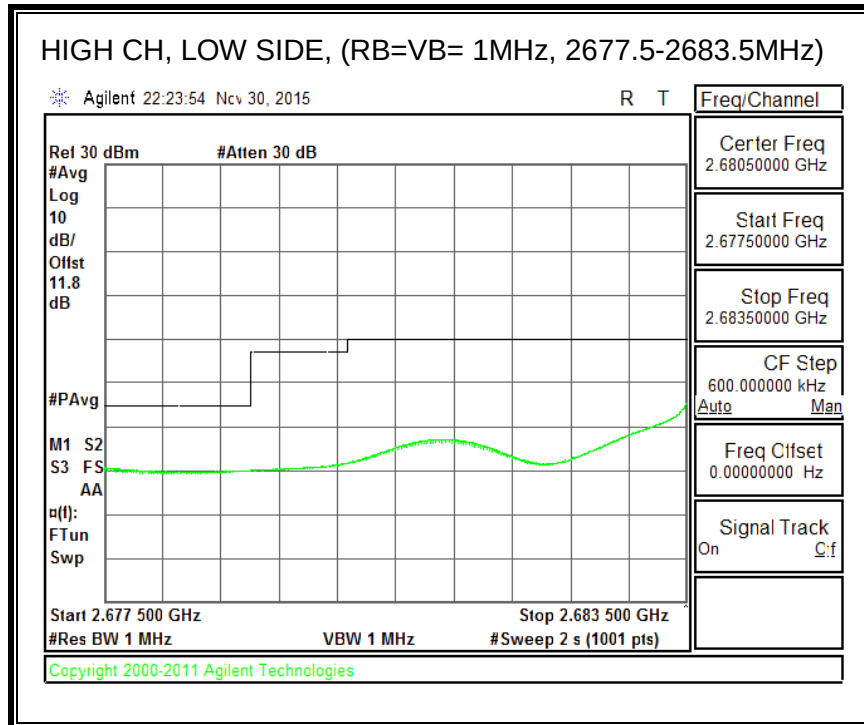


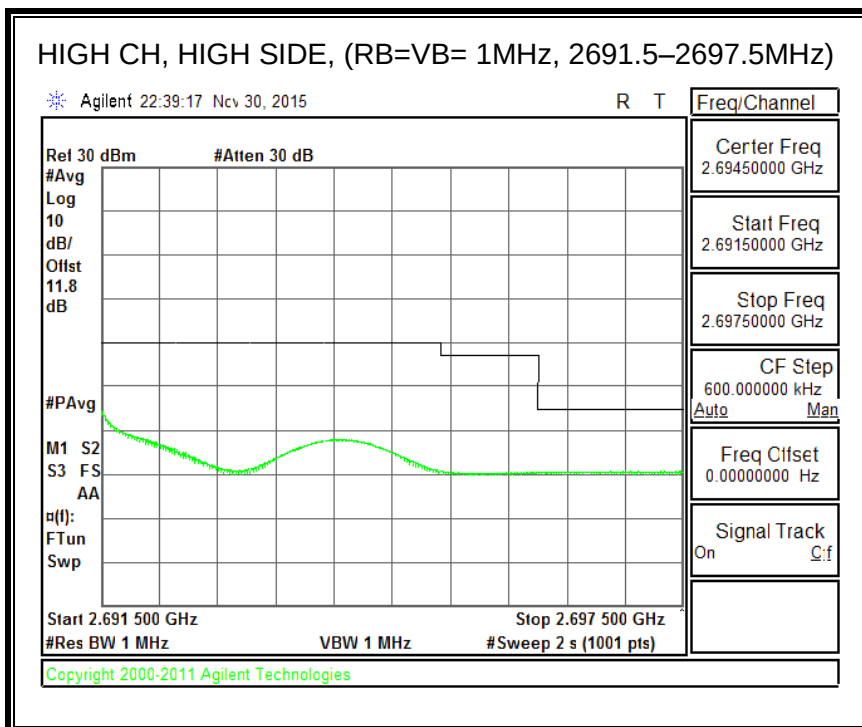




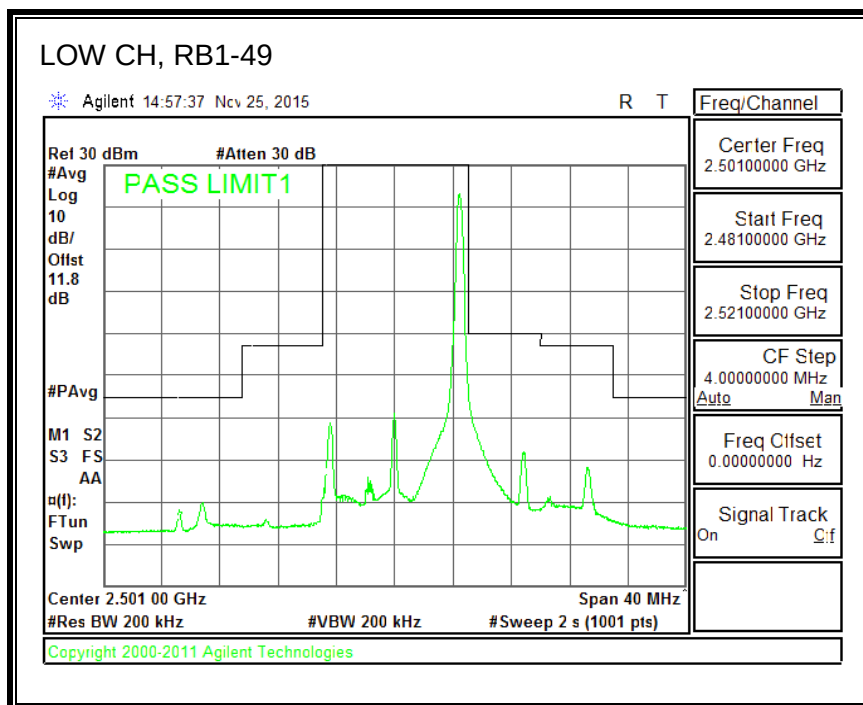
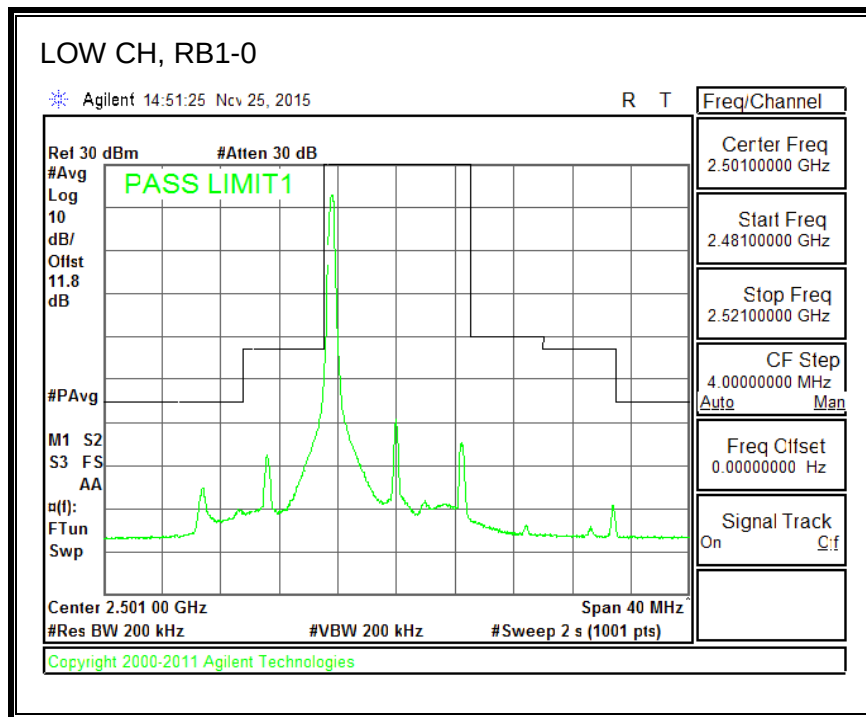


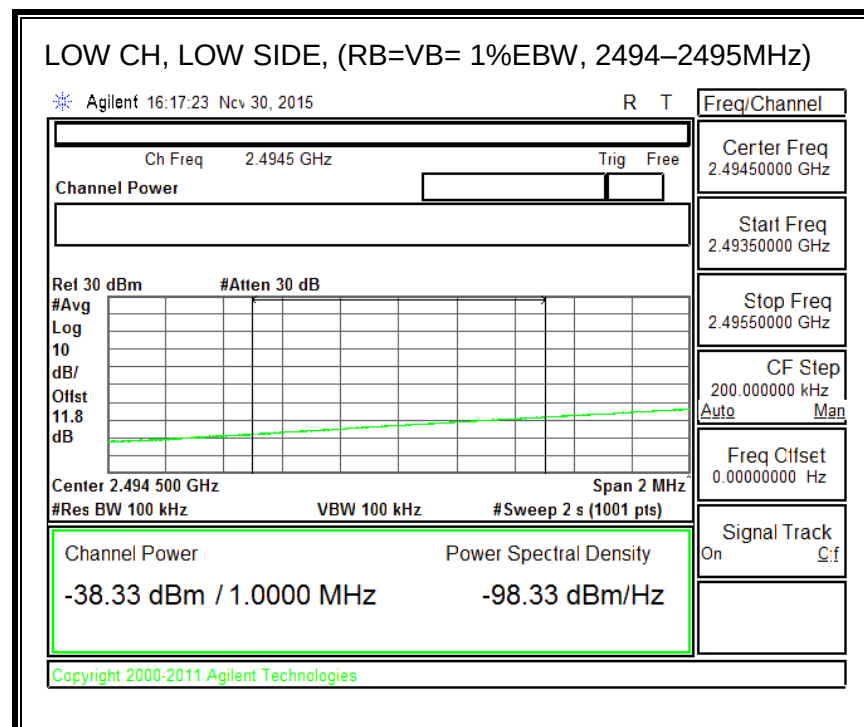
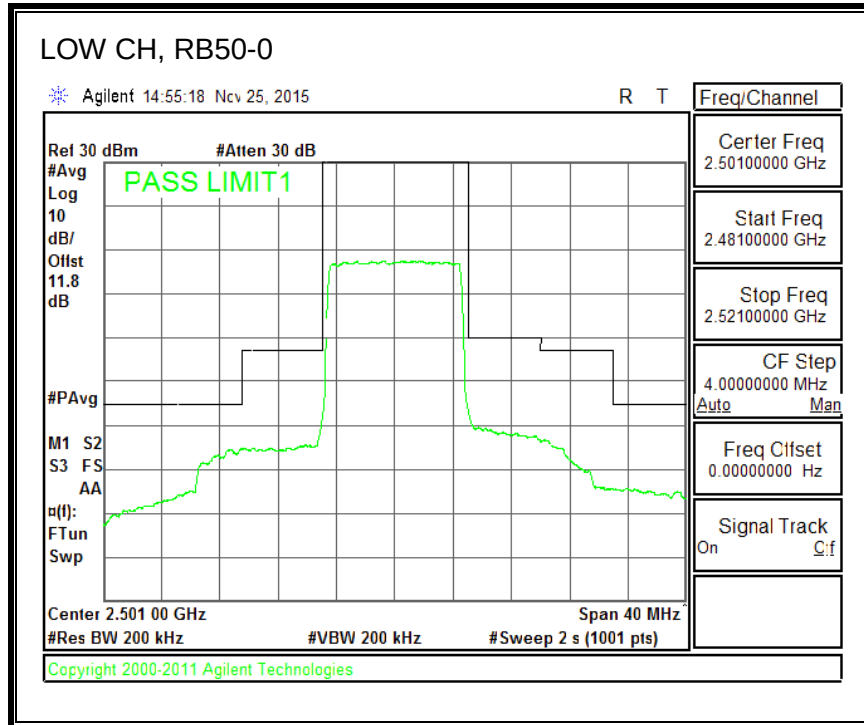


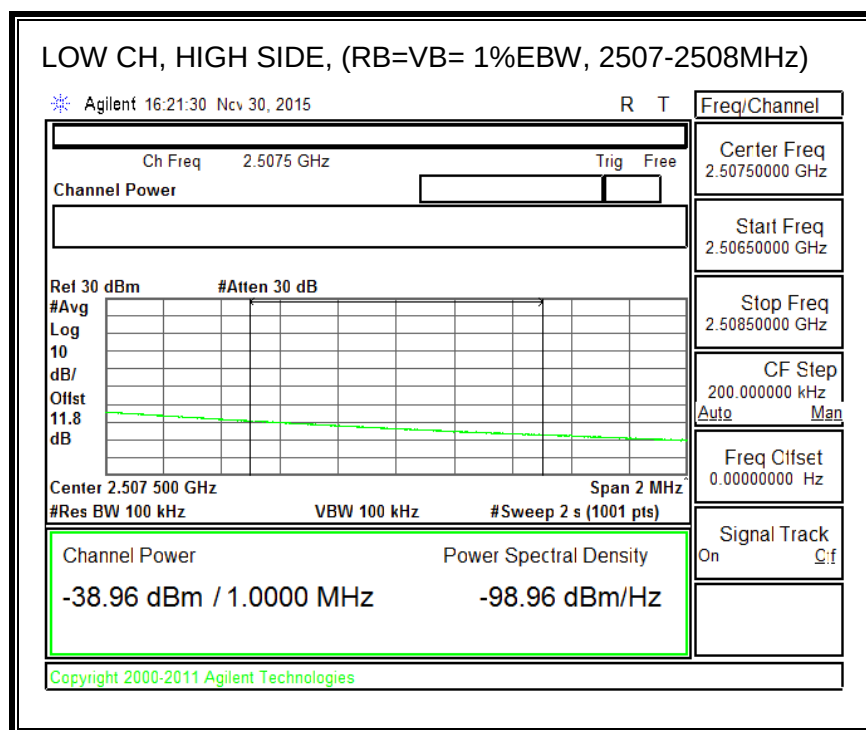
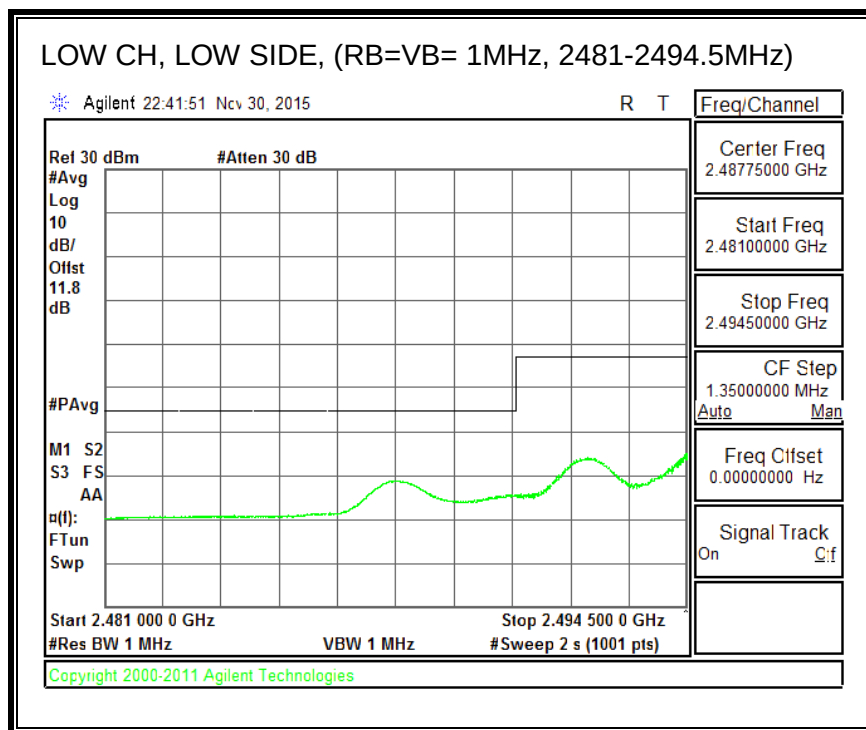


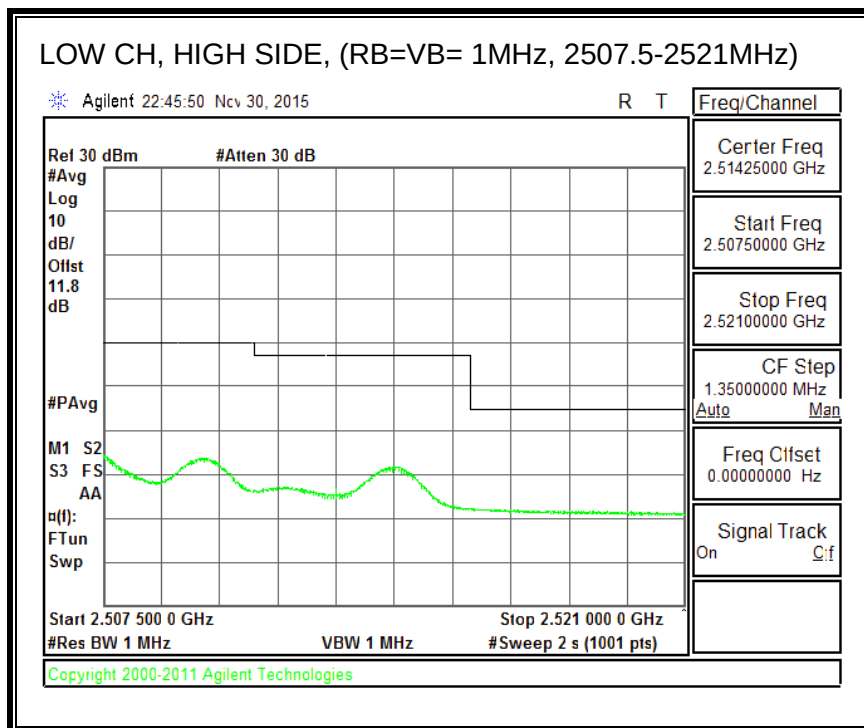


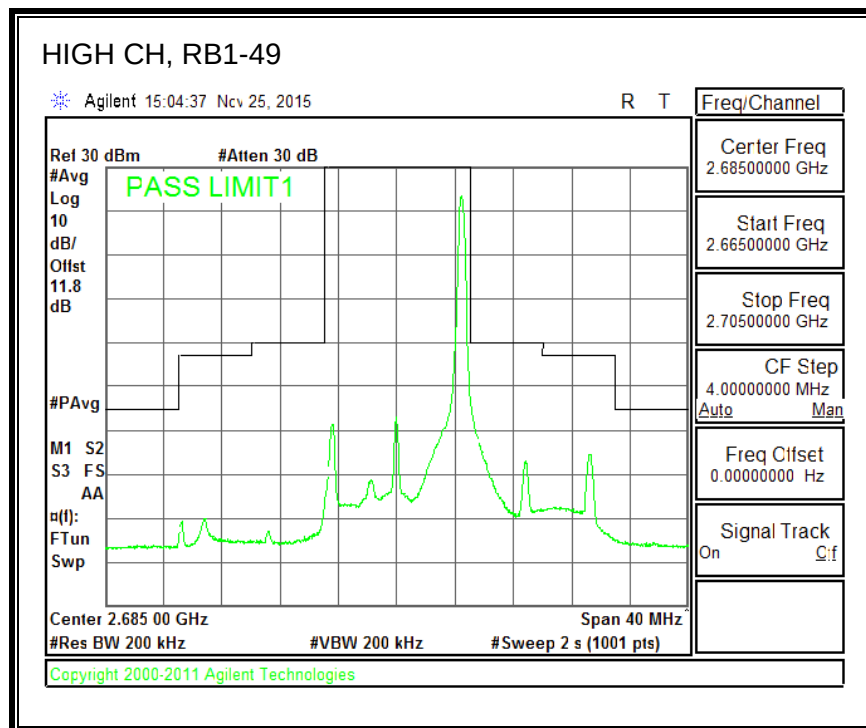
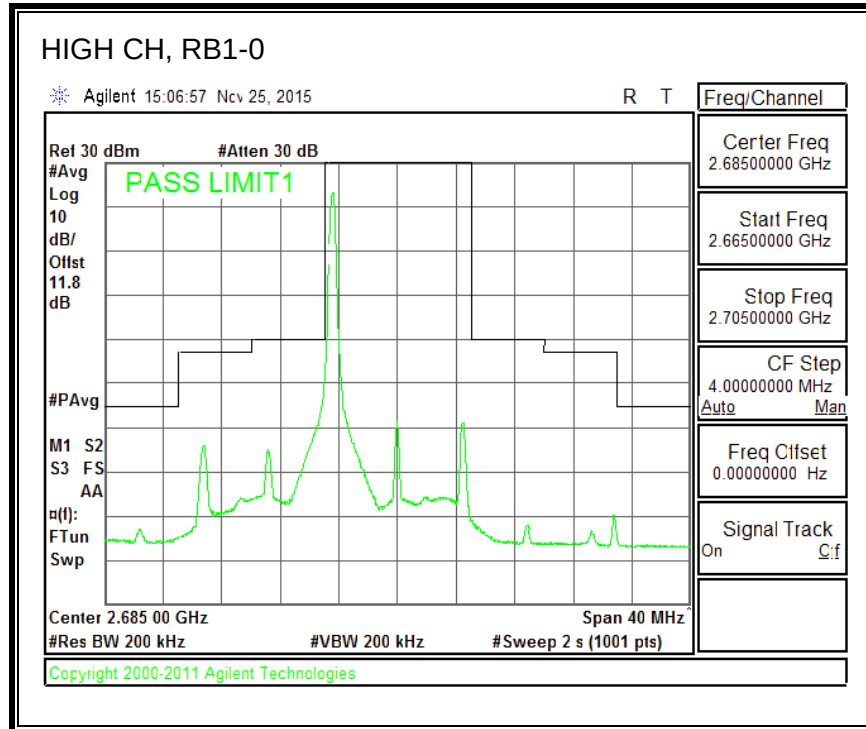
QPSK, (10.0 MHz BAND WIDTH)

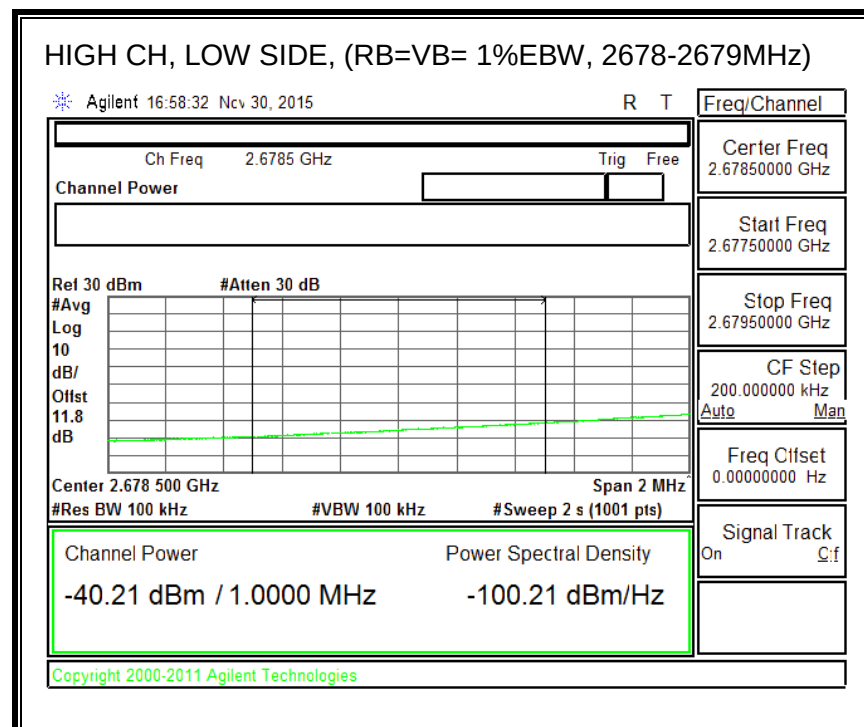
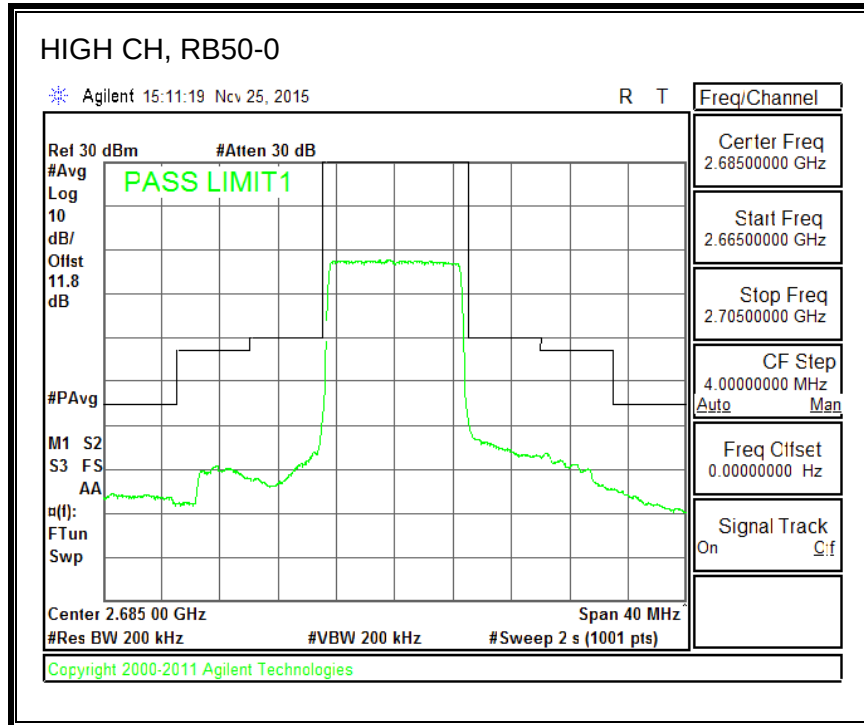


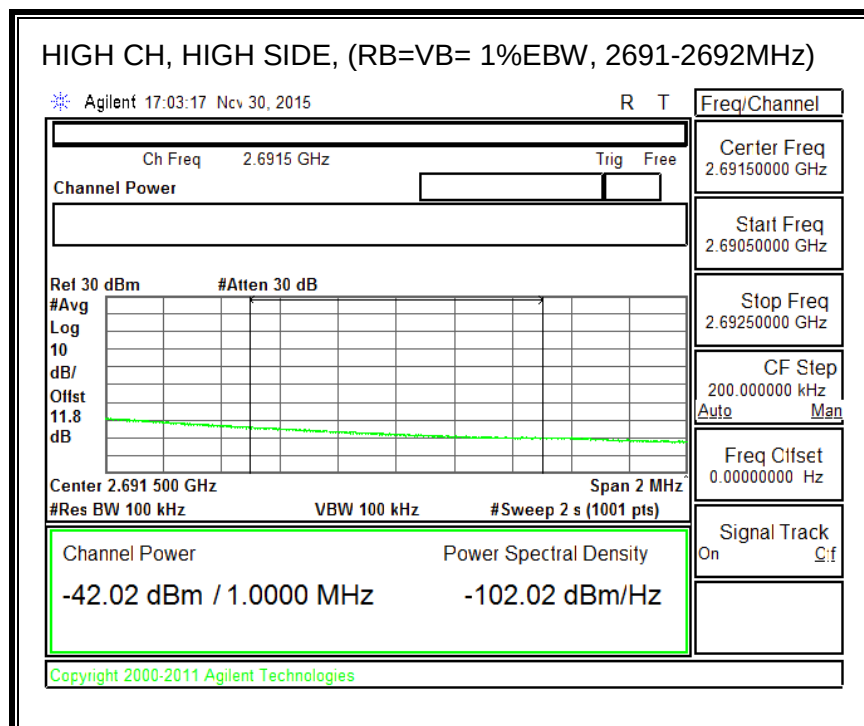
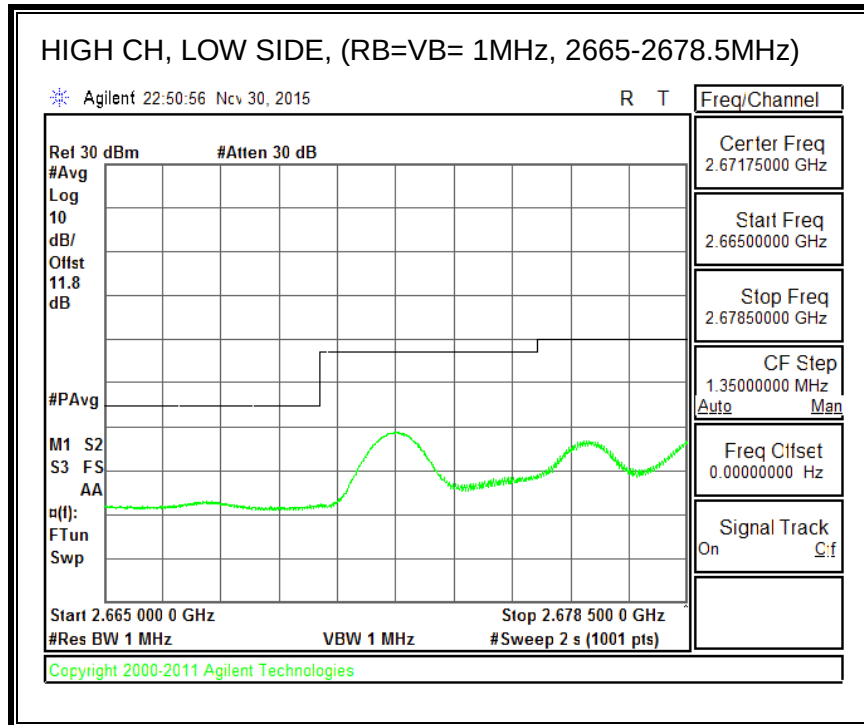


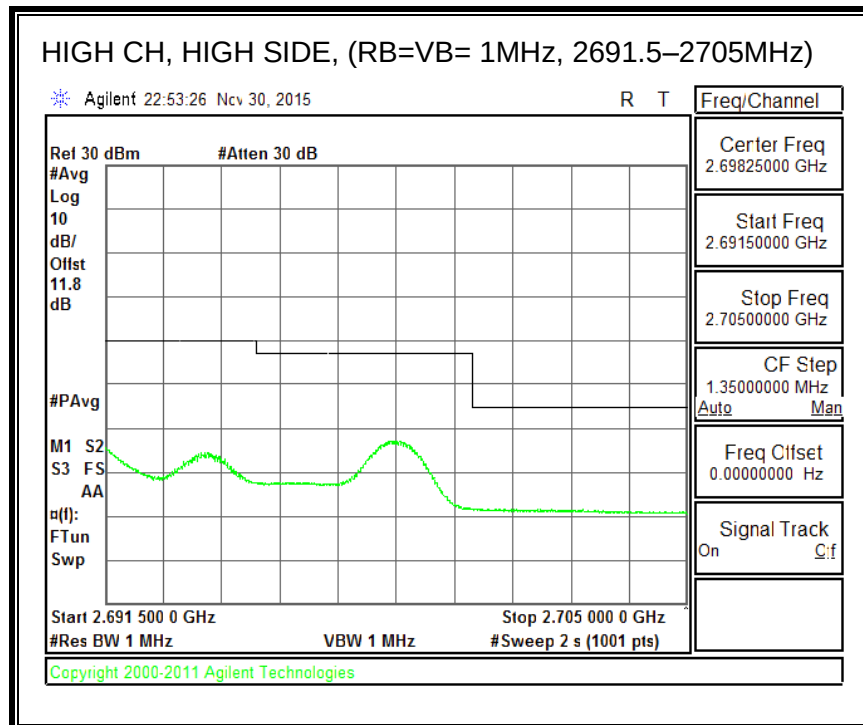




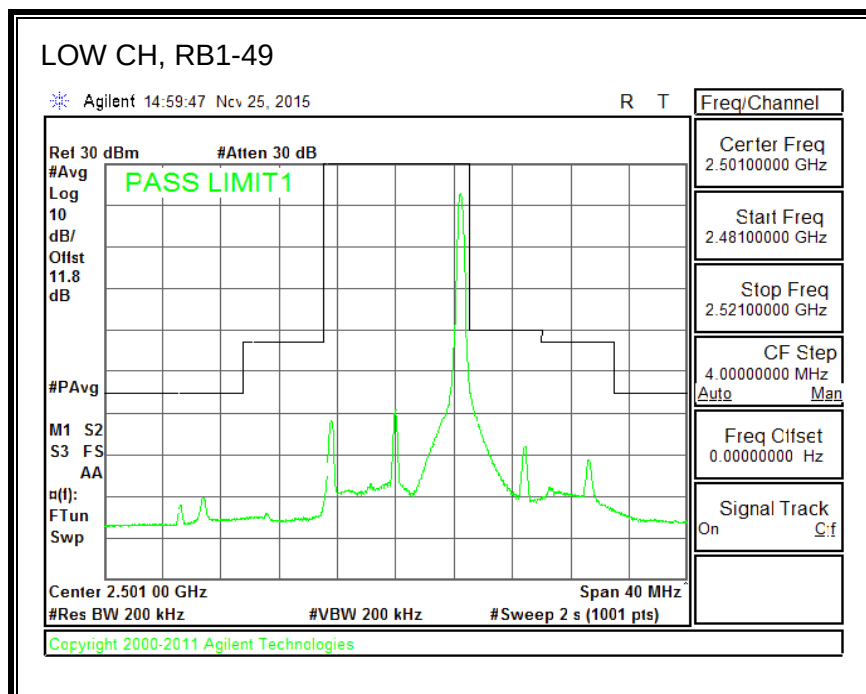
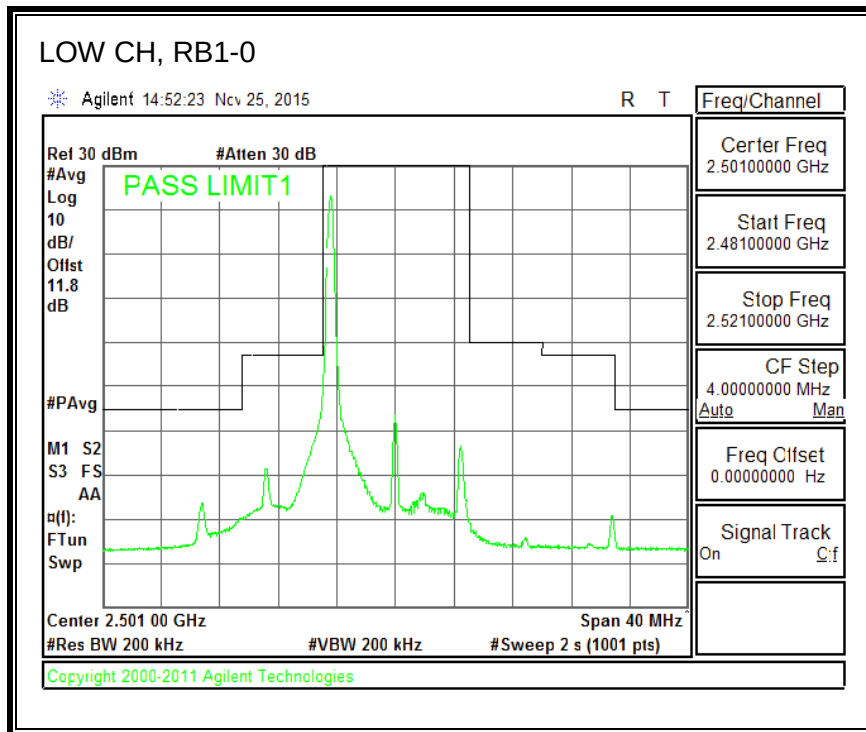


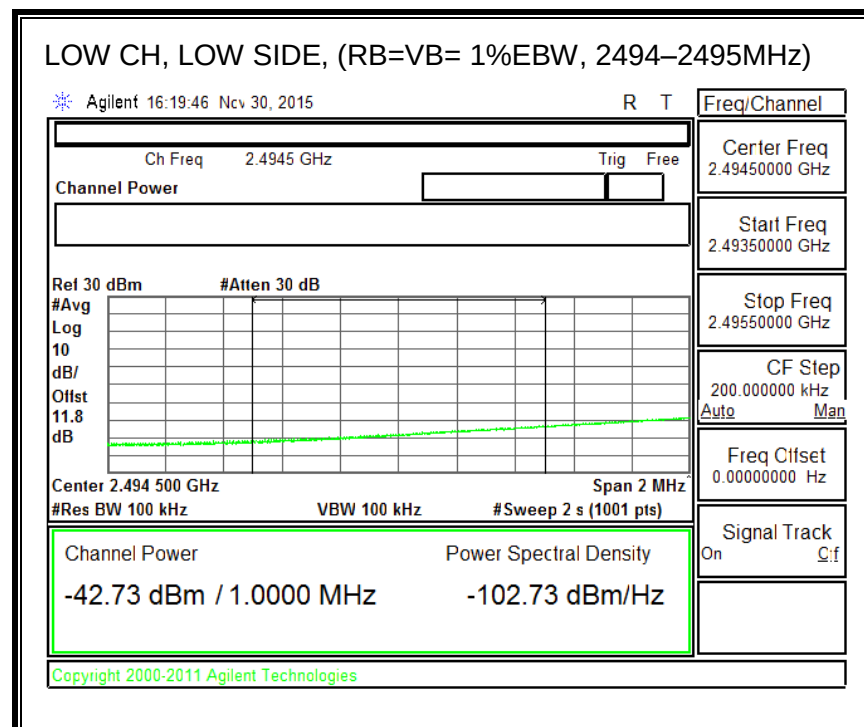
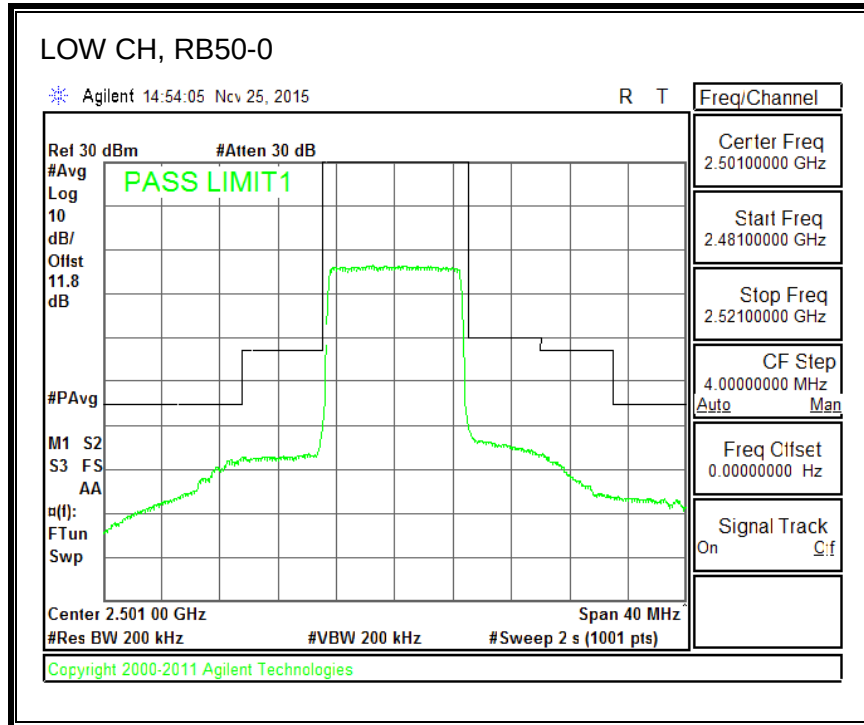


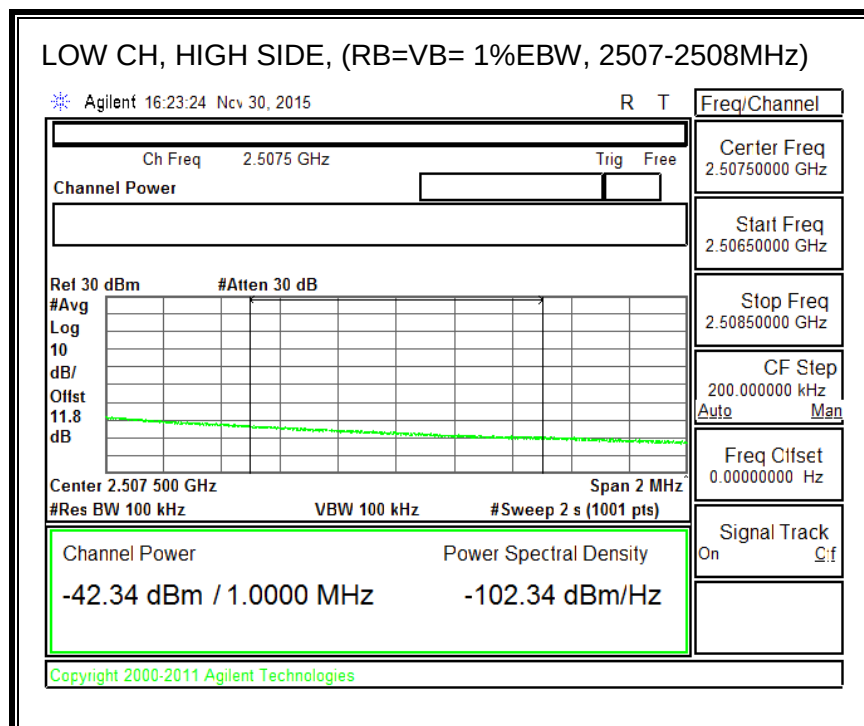
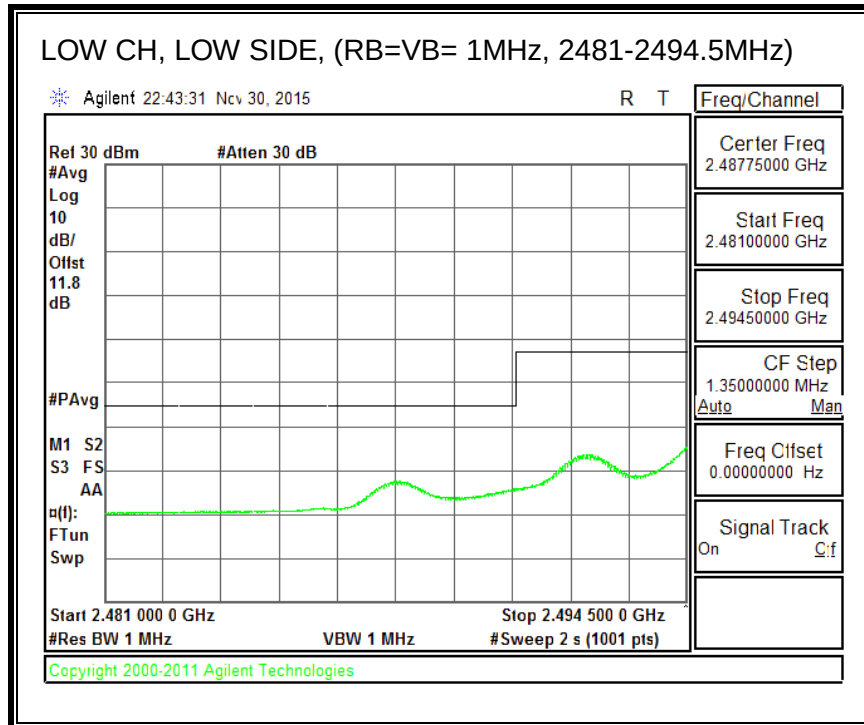


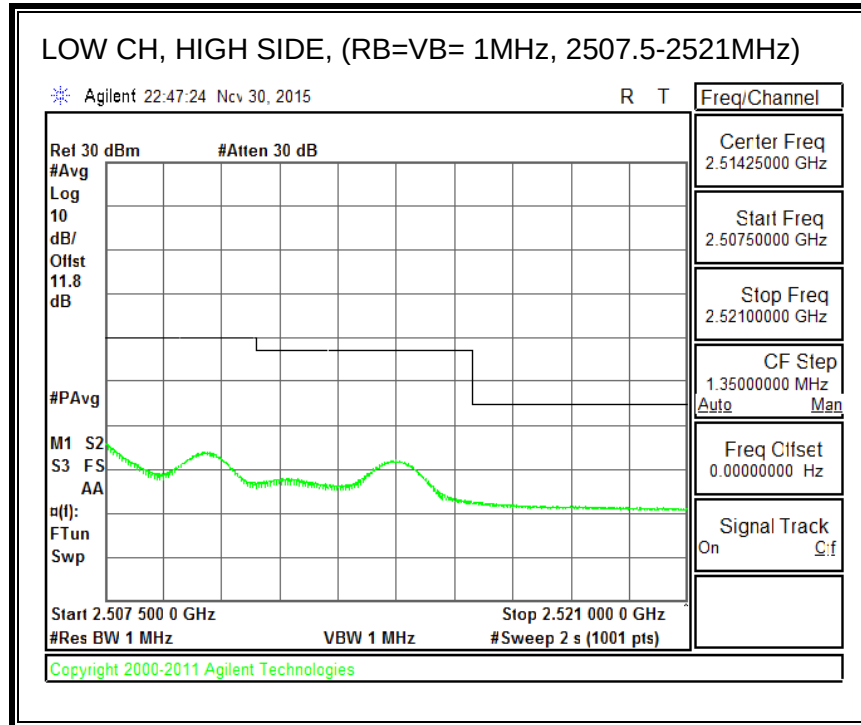


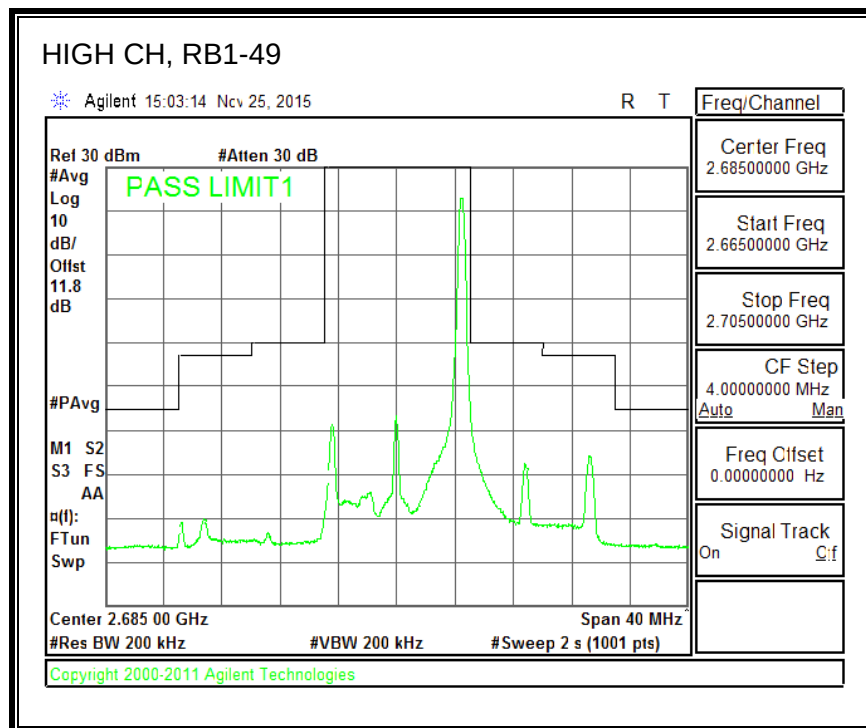
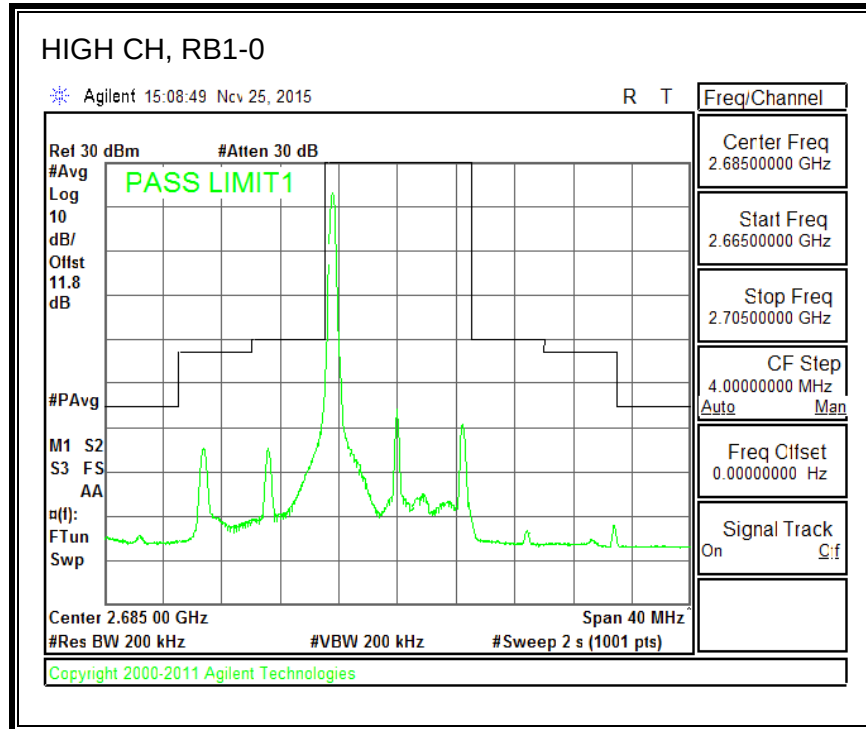
16QAM, (10.0 MHz BAND WIDTH)

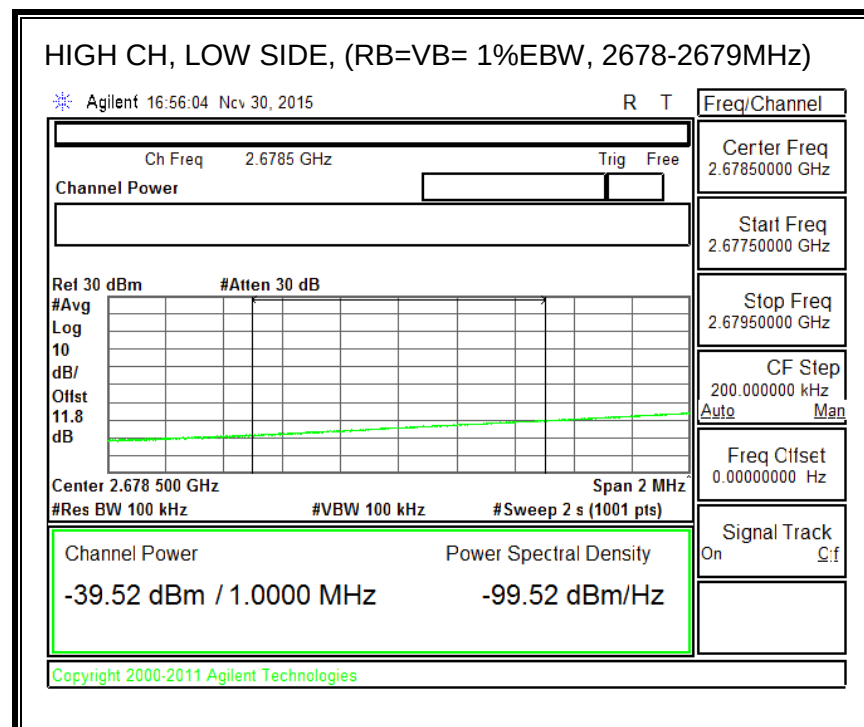
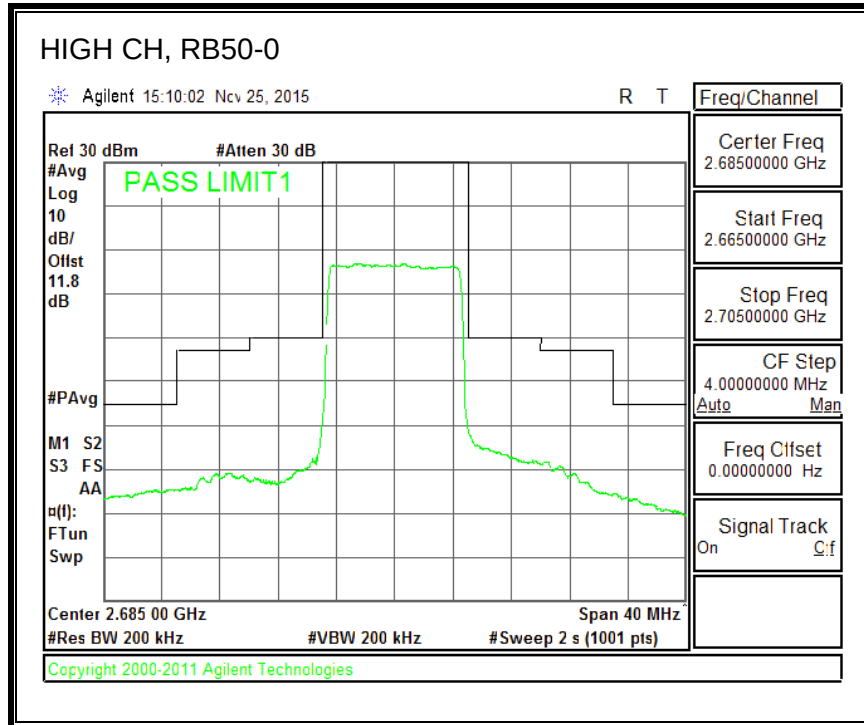


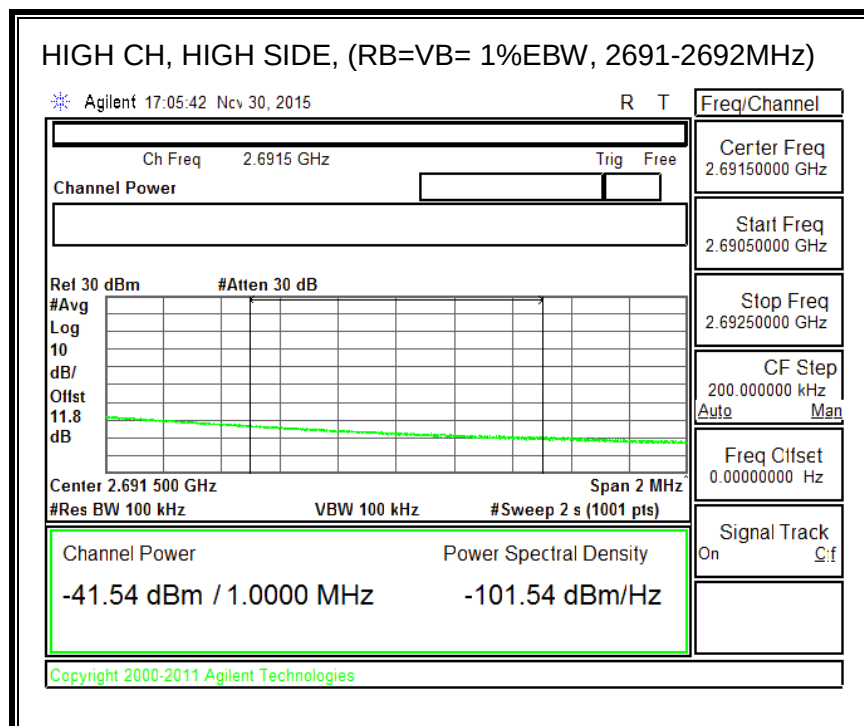
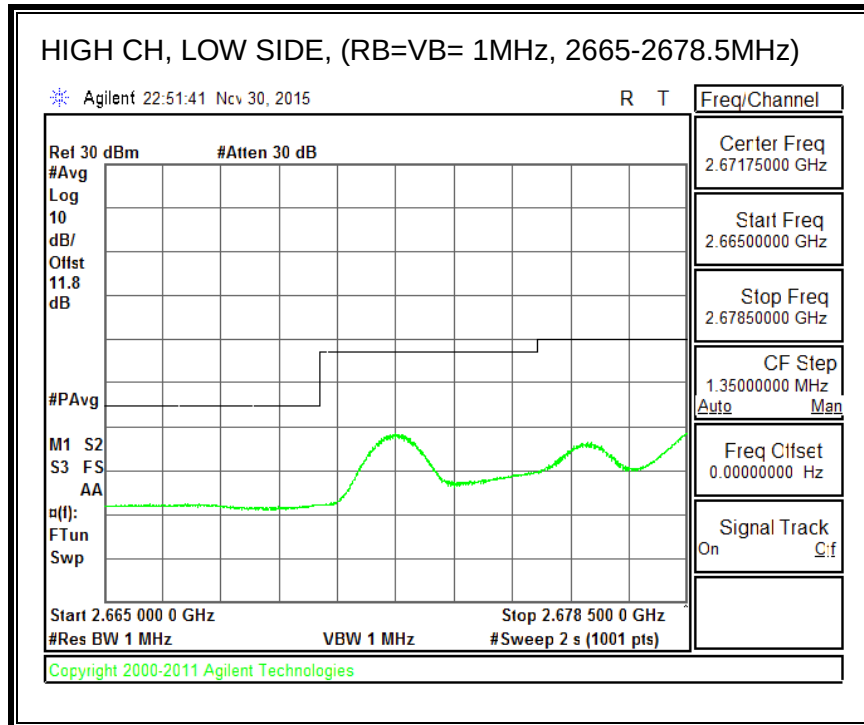


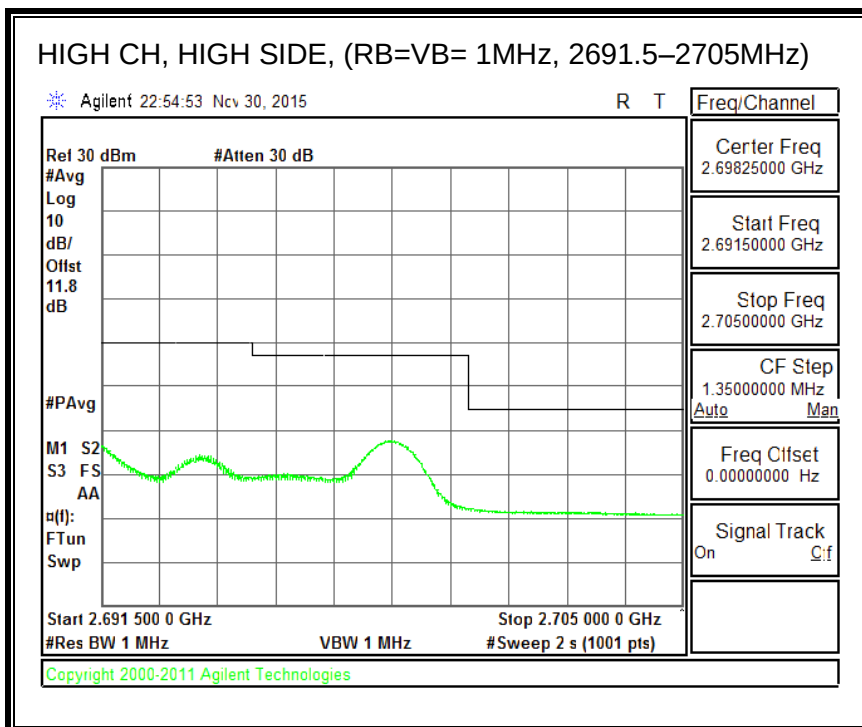




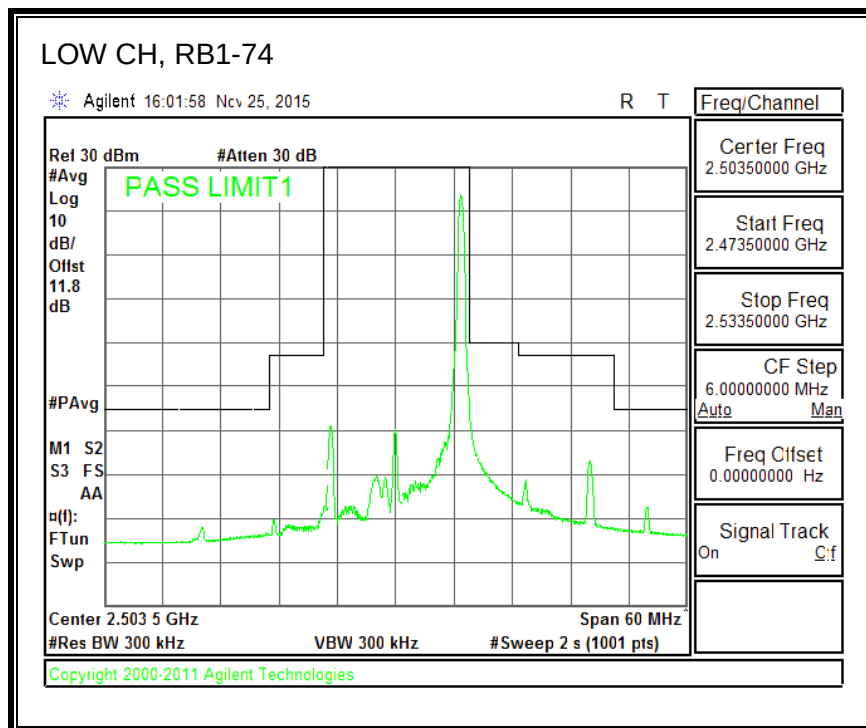
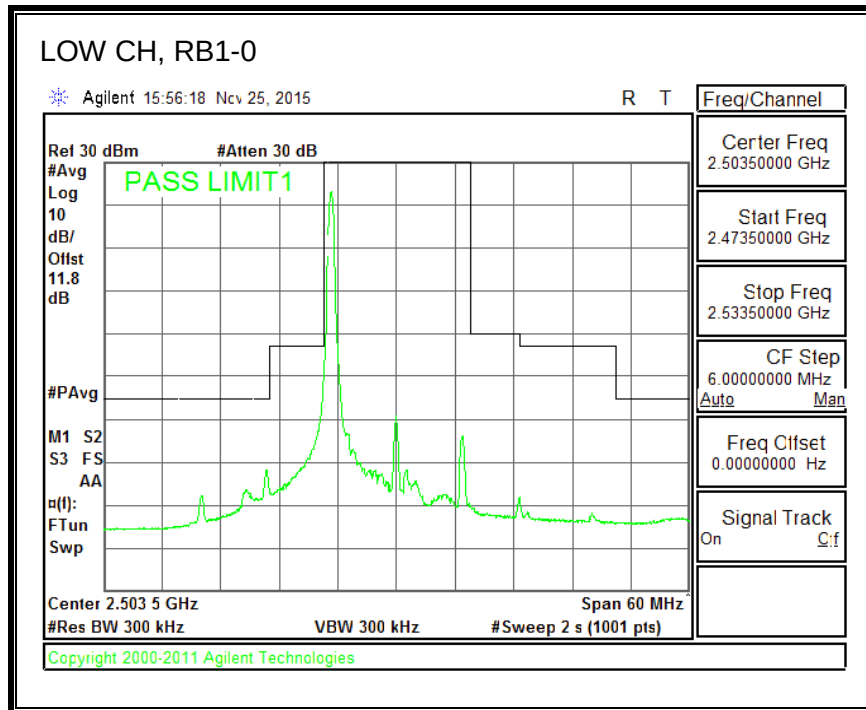


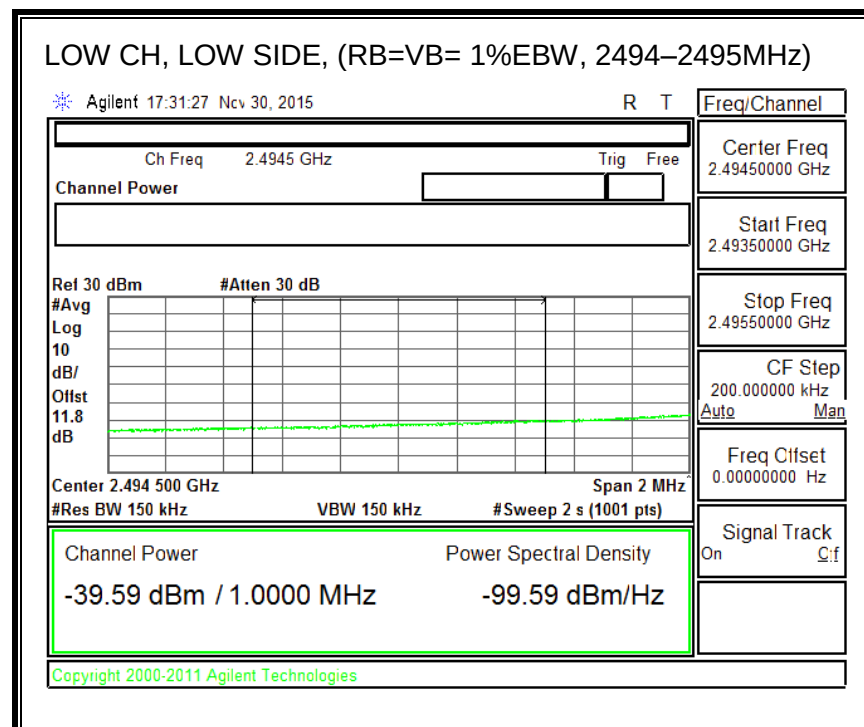
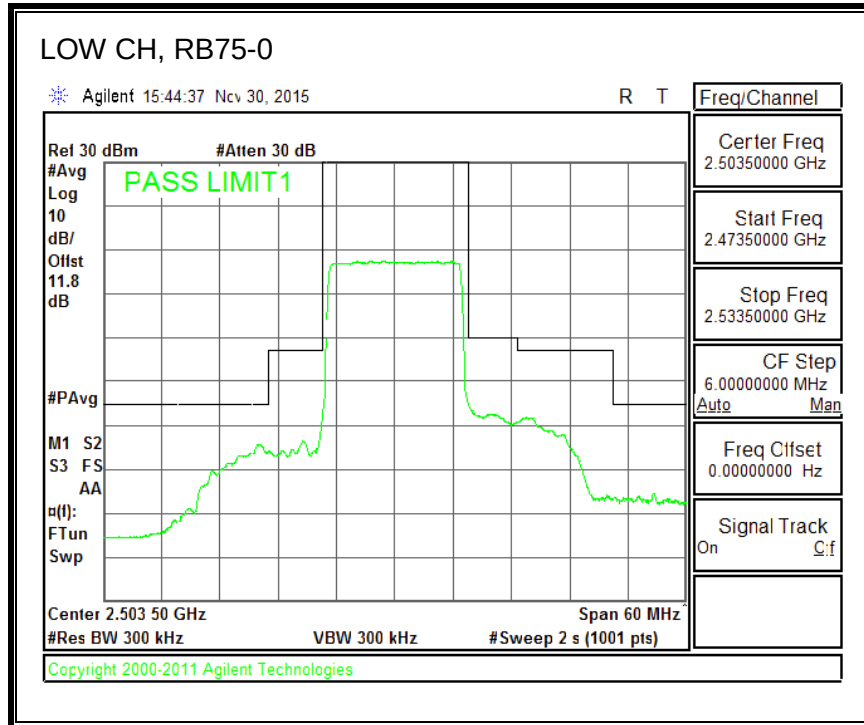


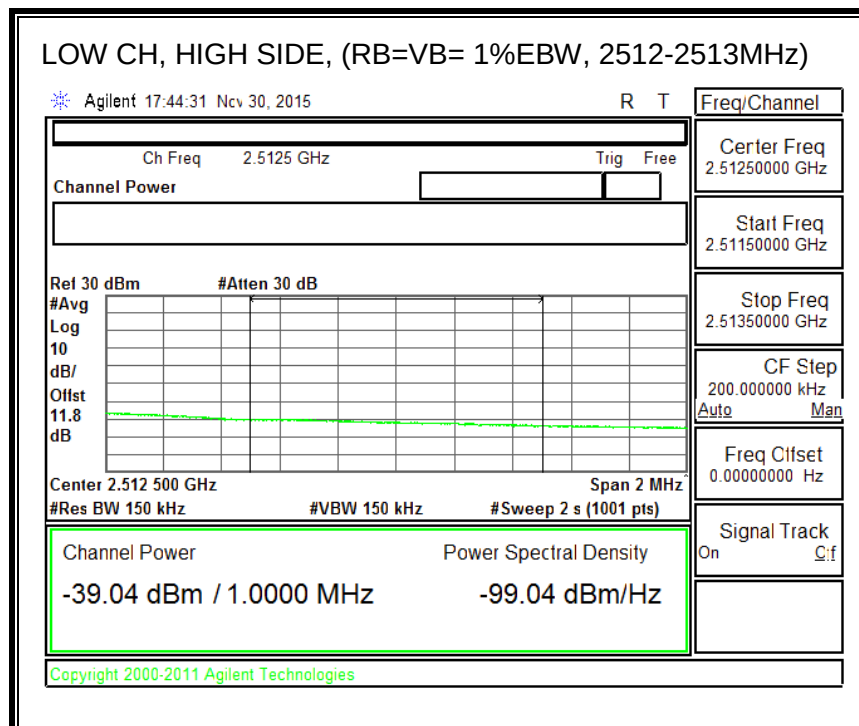
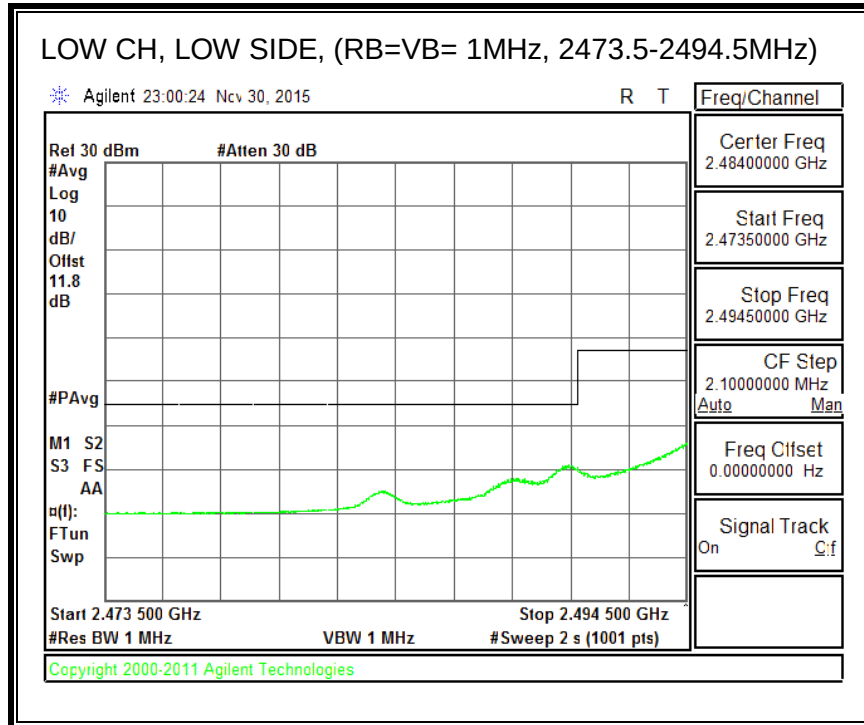


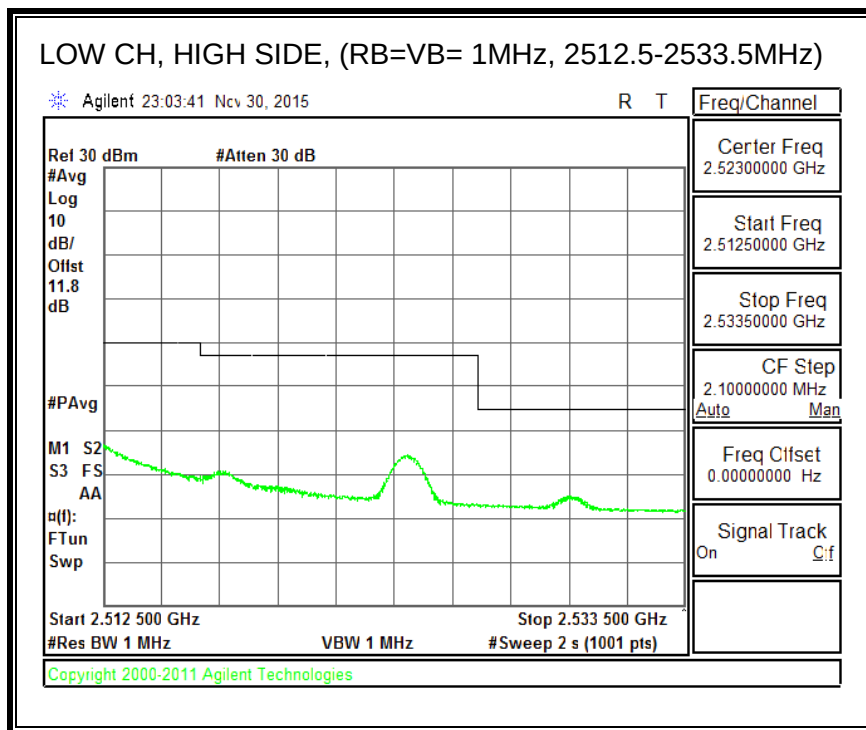


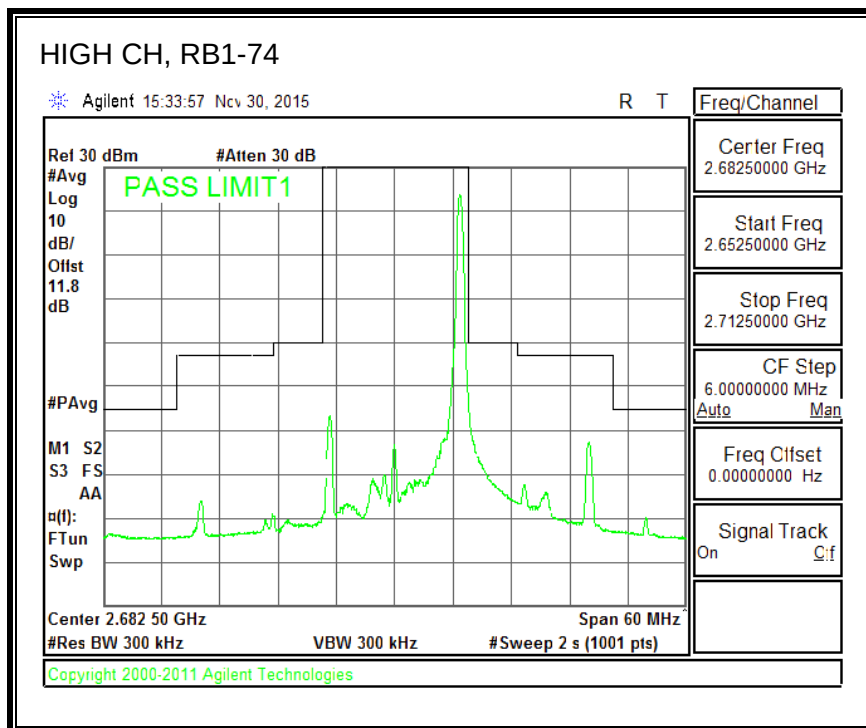
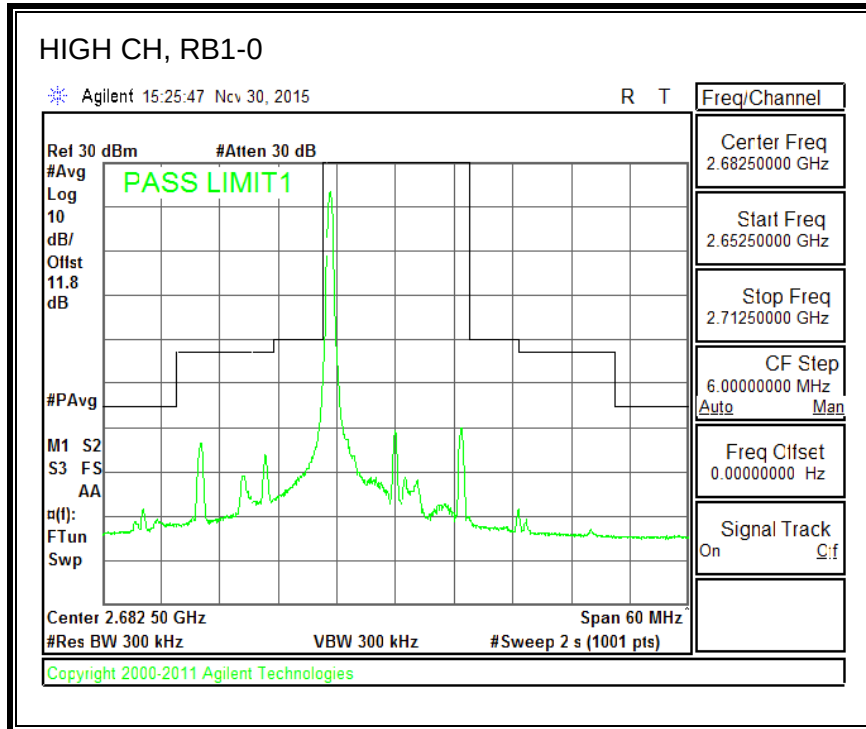
QPSK, (15.0 MHz BAND WIDTH)

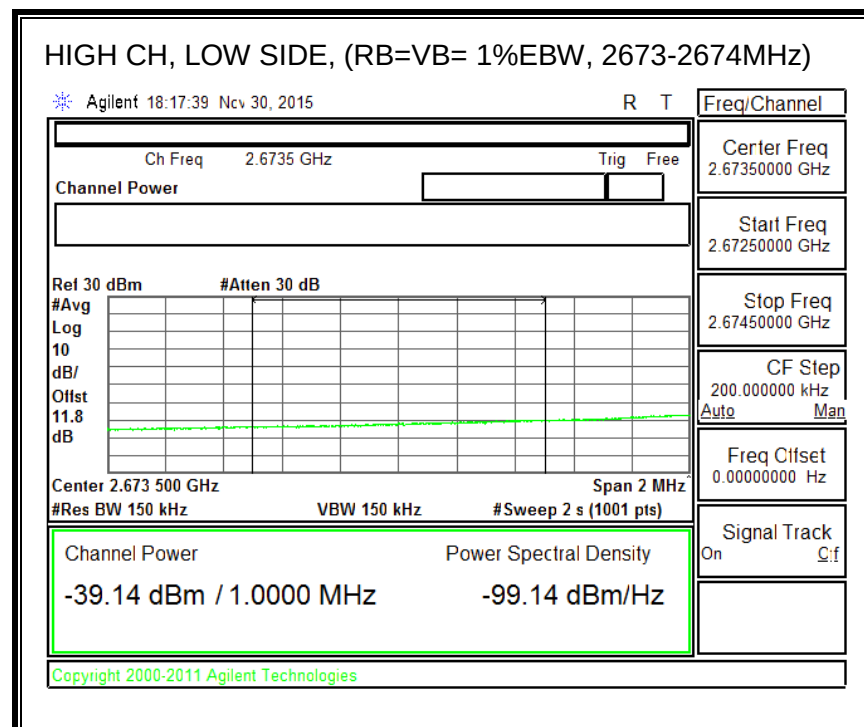
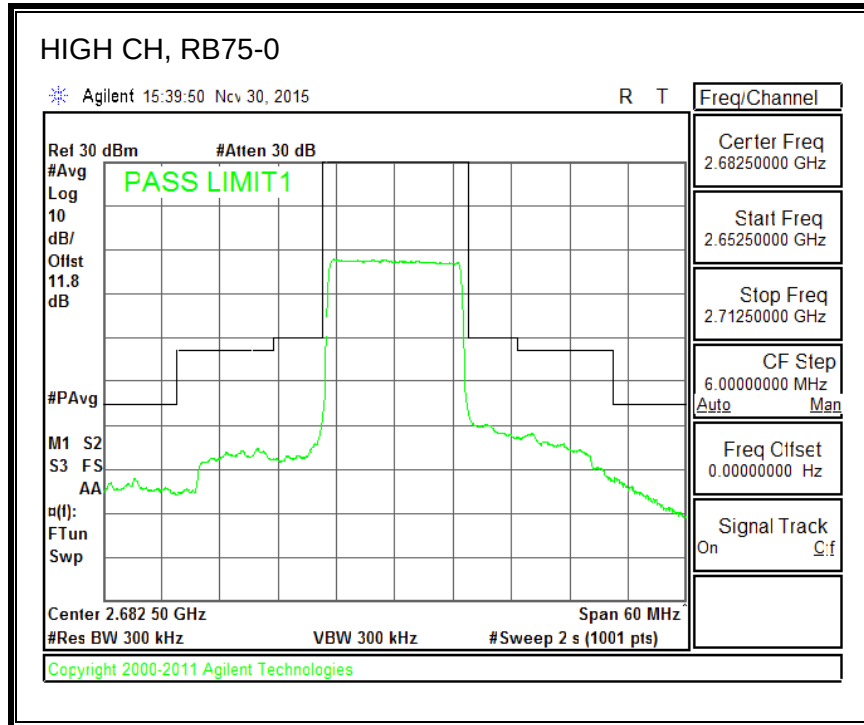


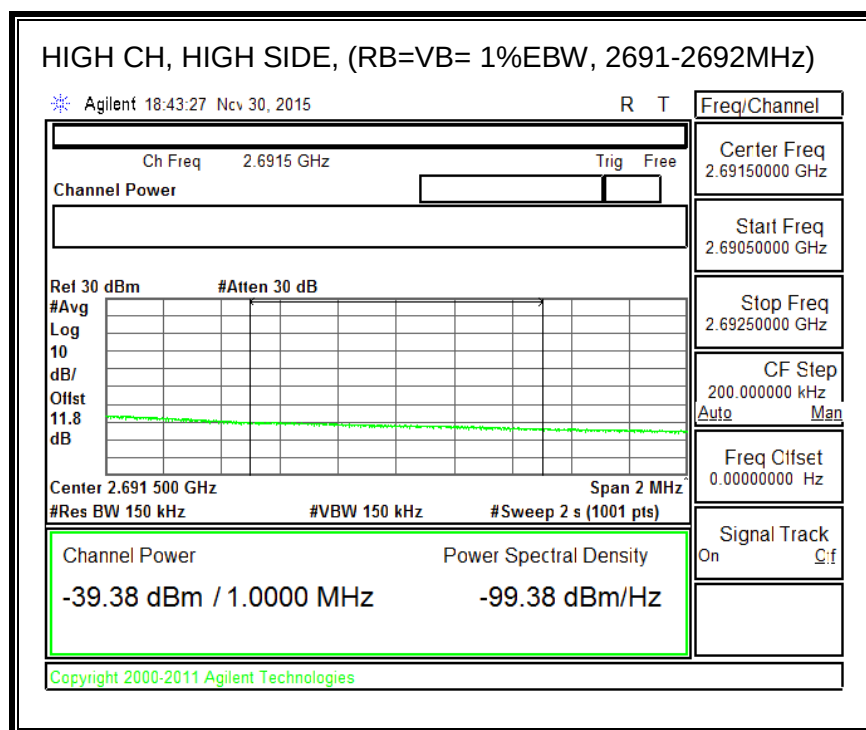
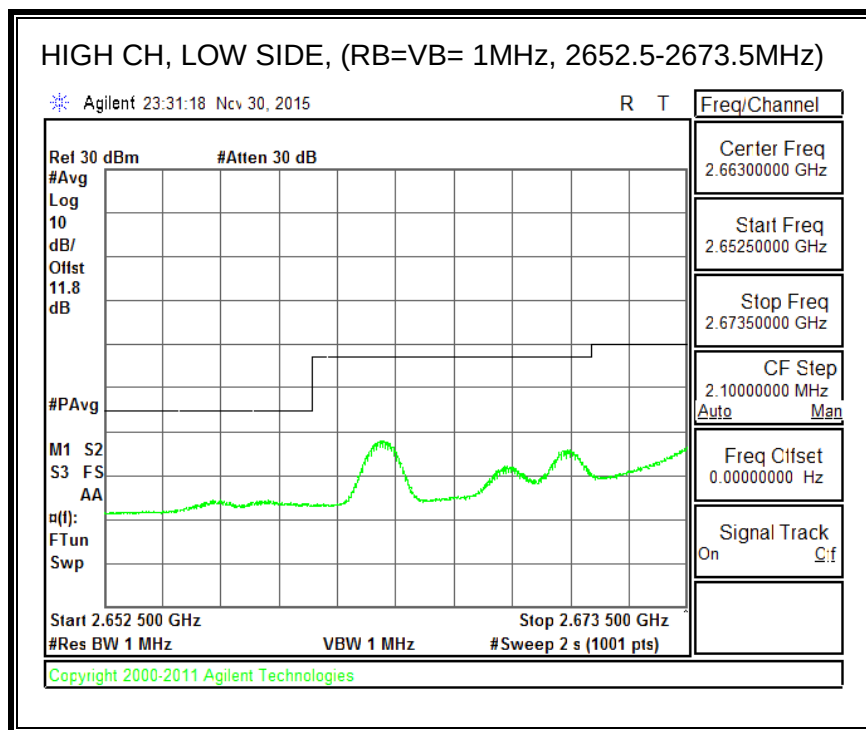


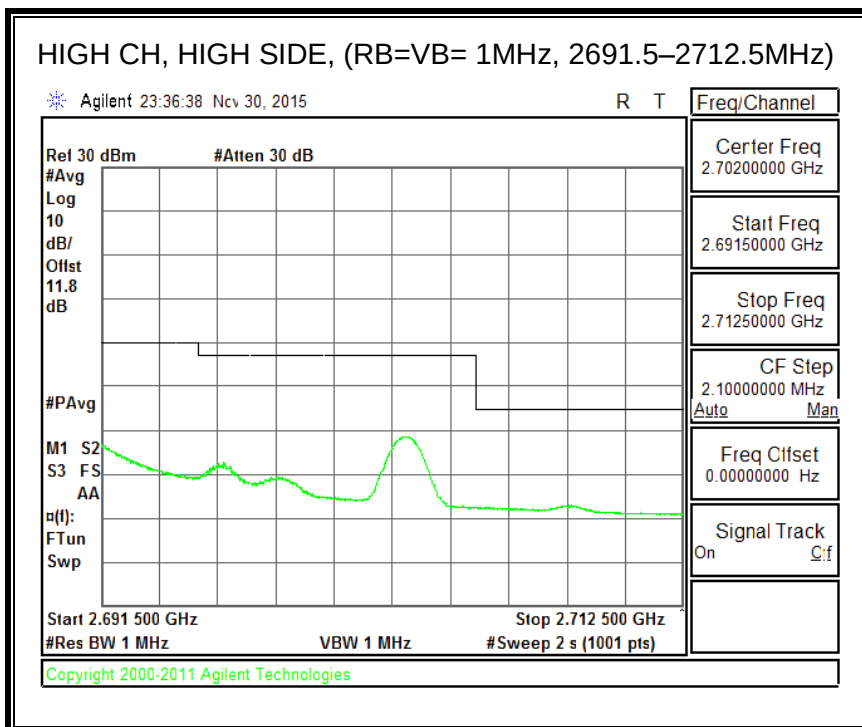




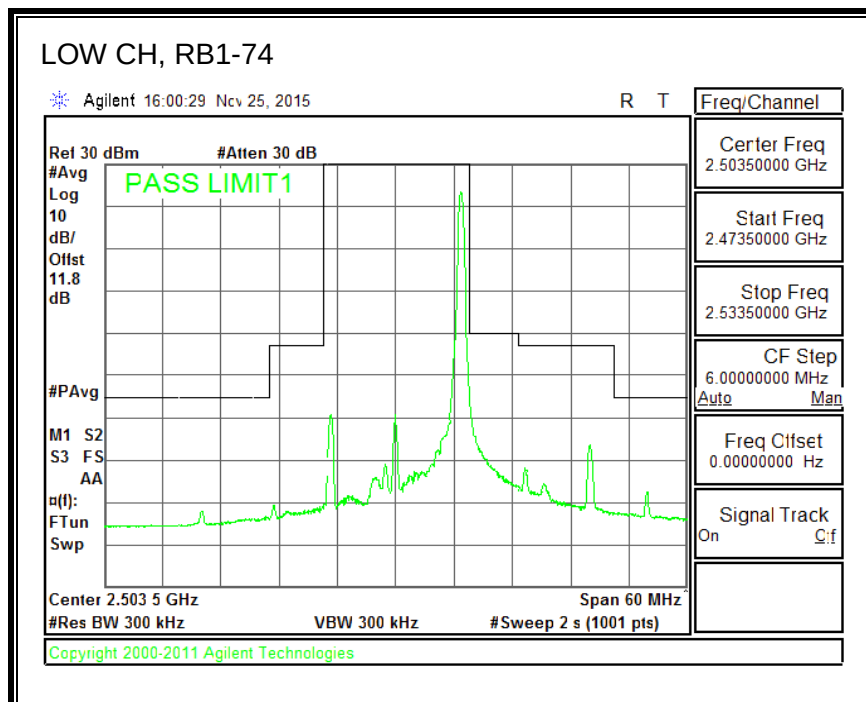
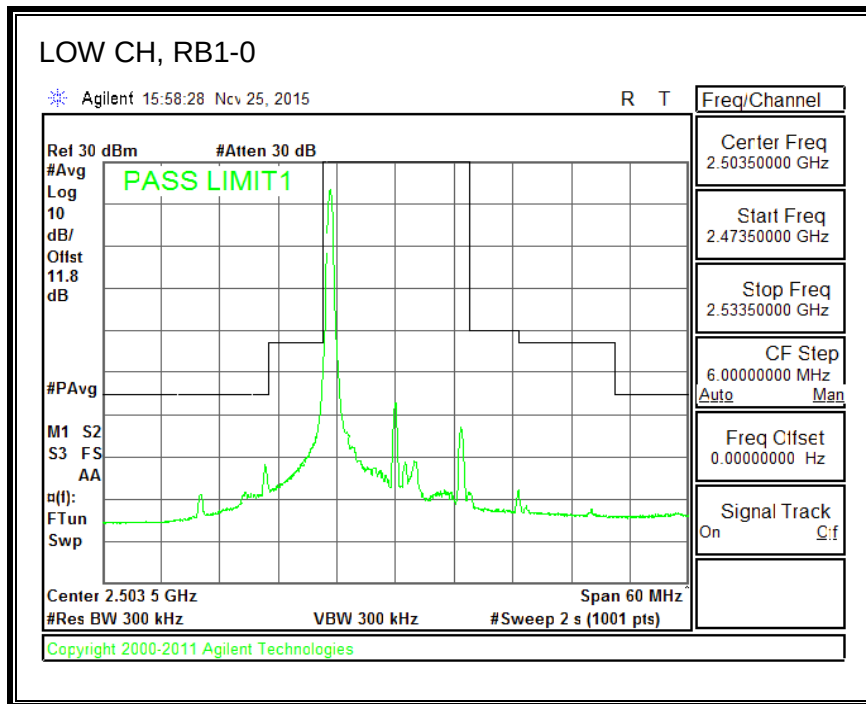


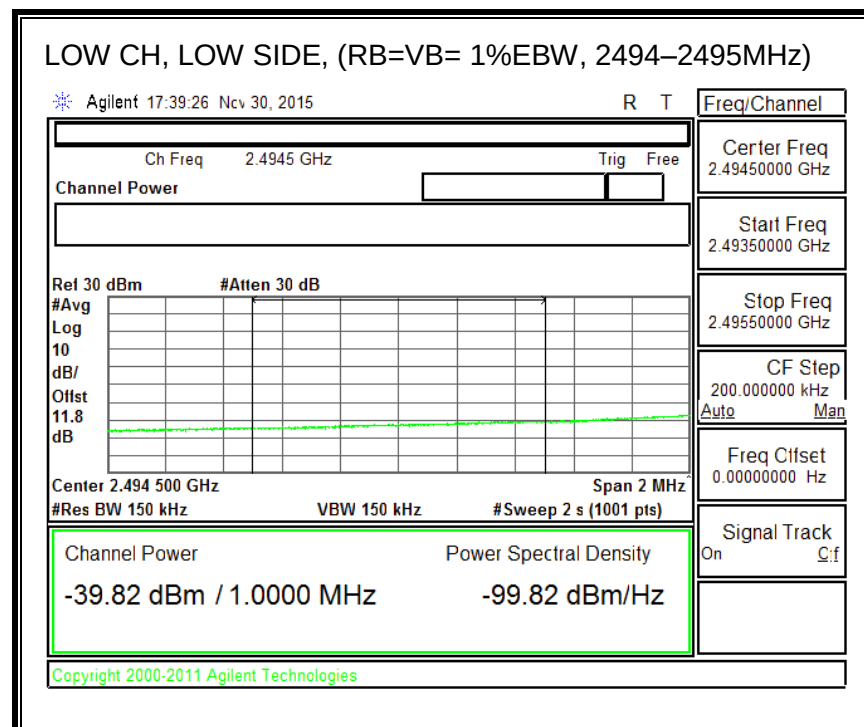
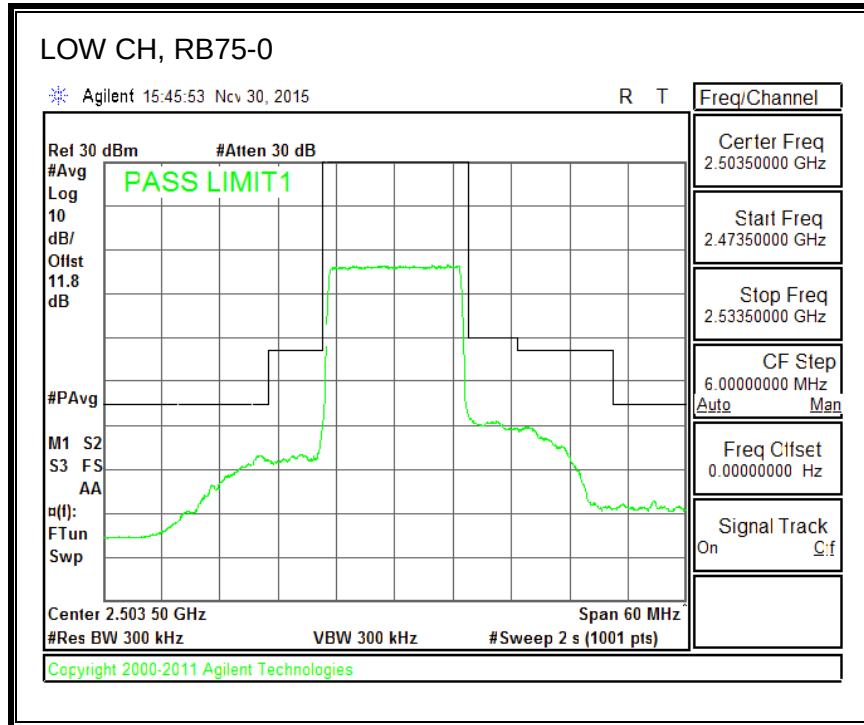


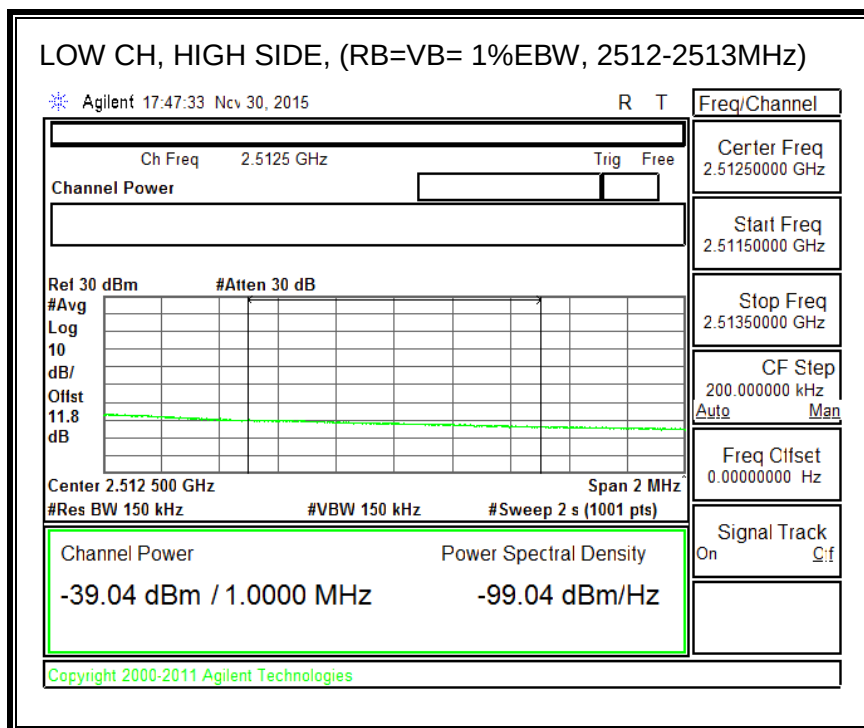
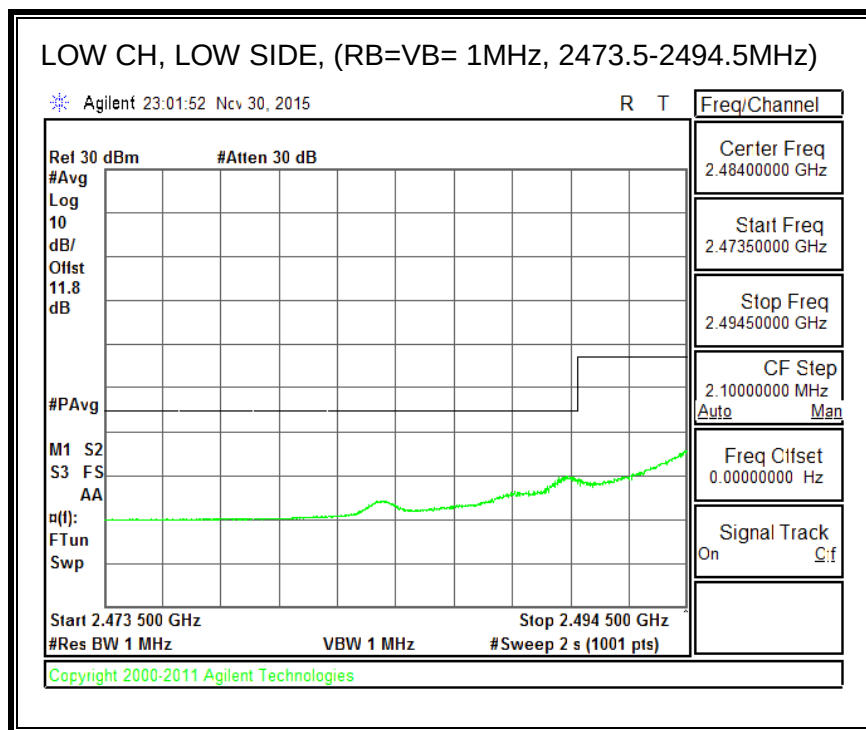


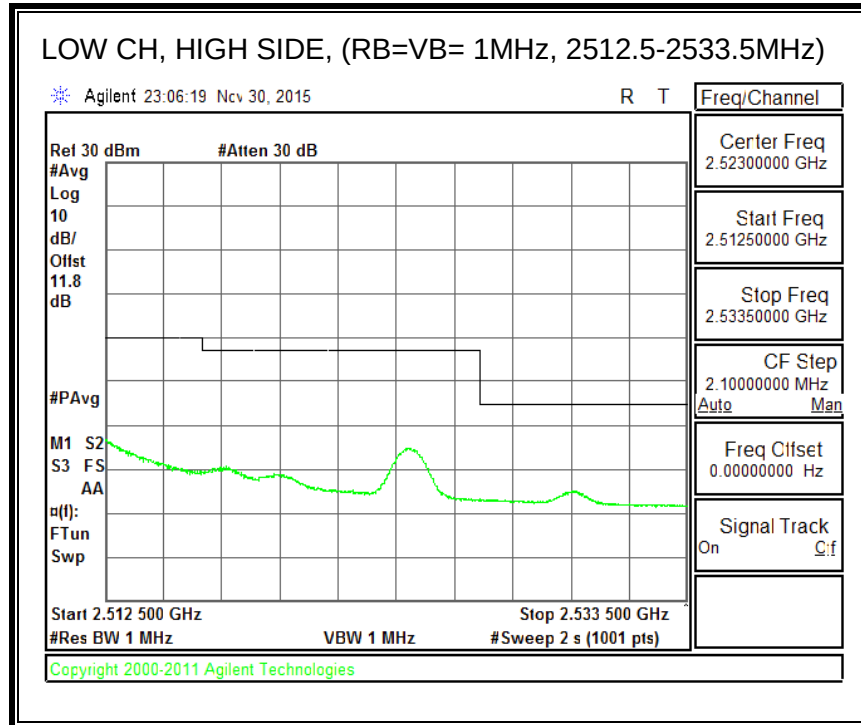


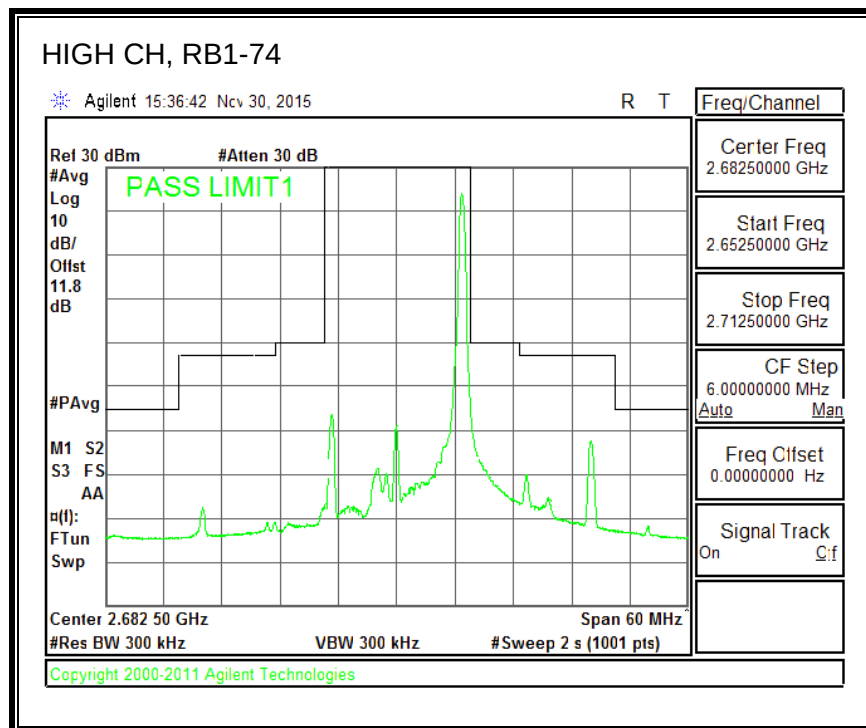
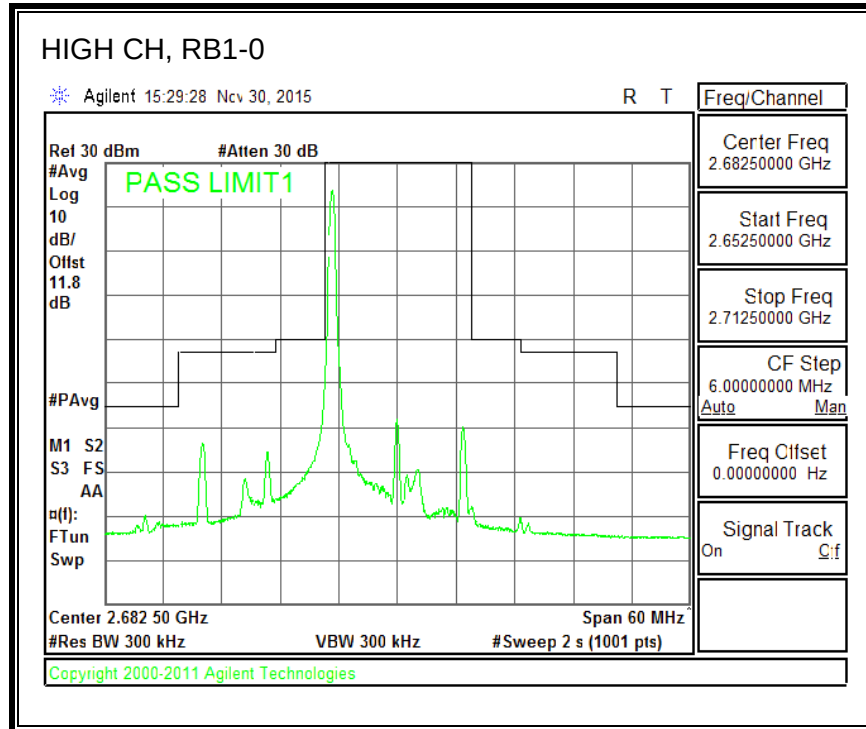
16QAM, (15.0 MHz BAND WIDTH)

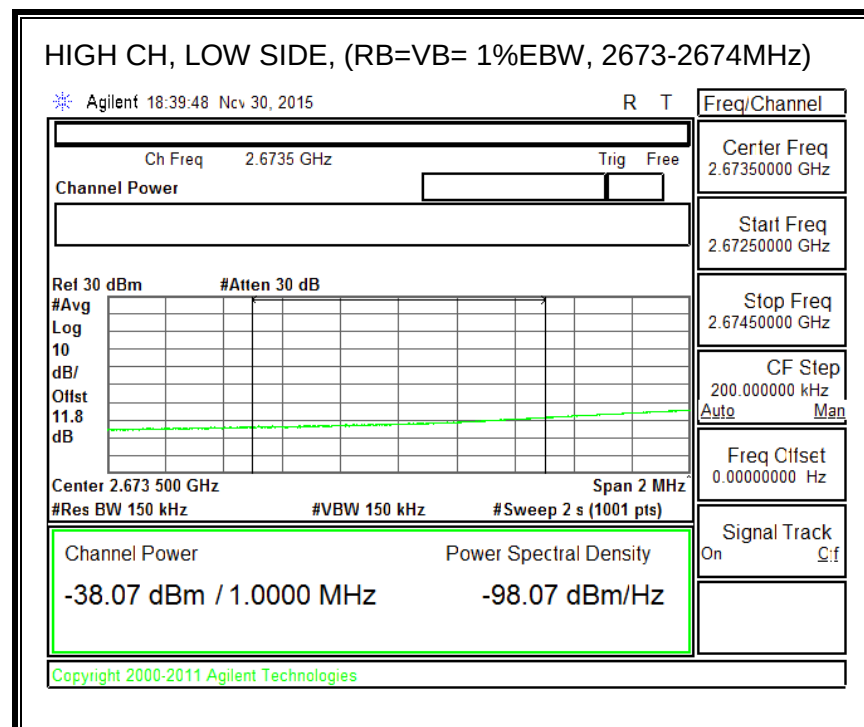
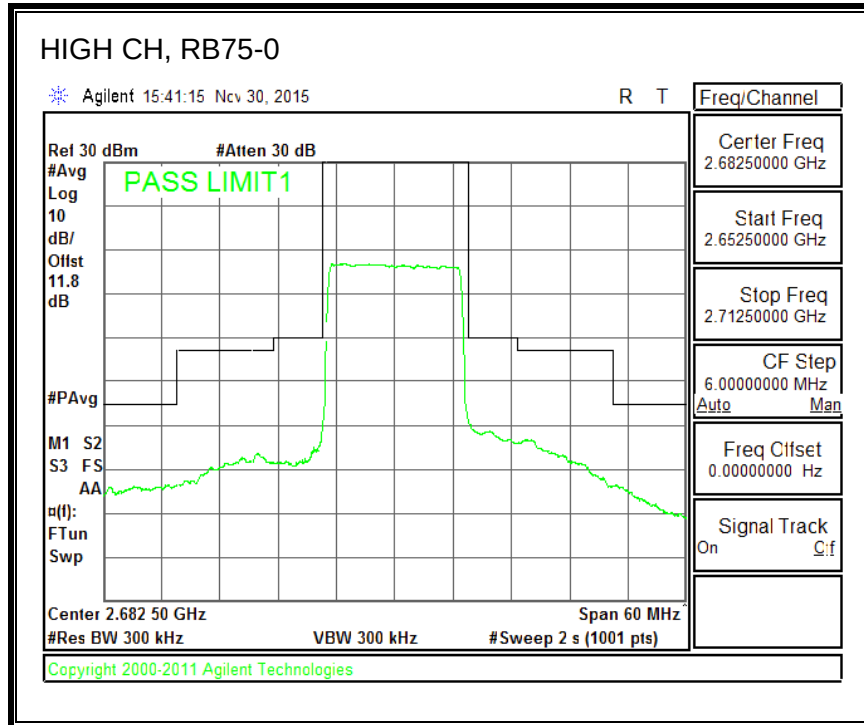


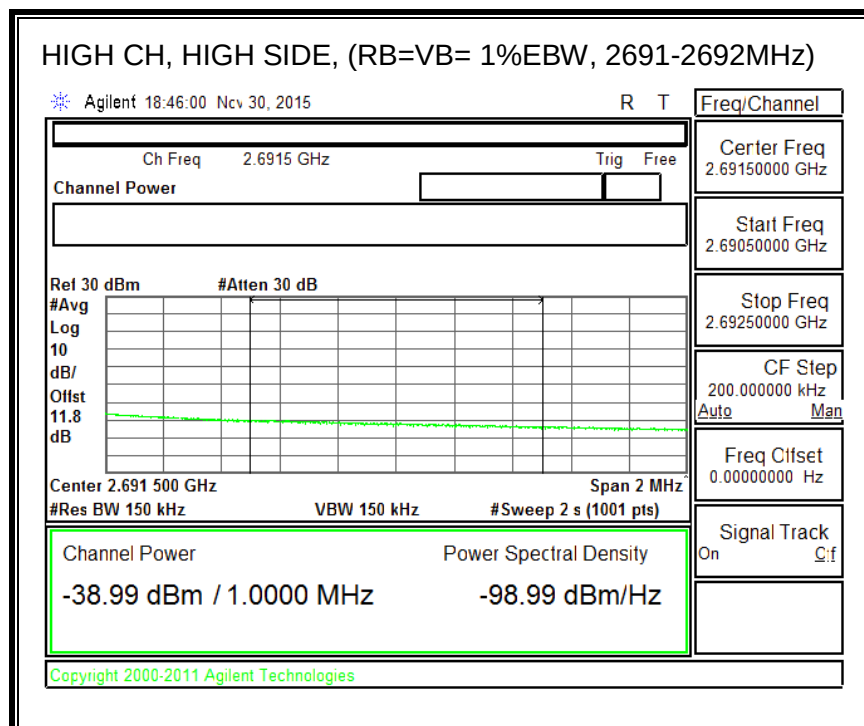
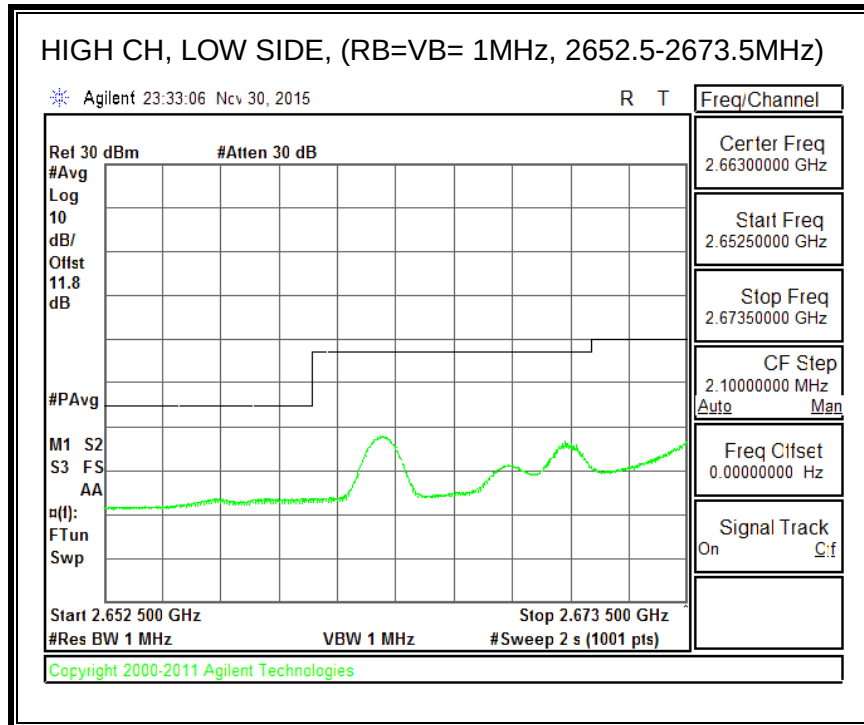


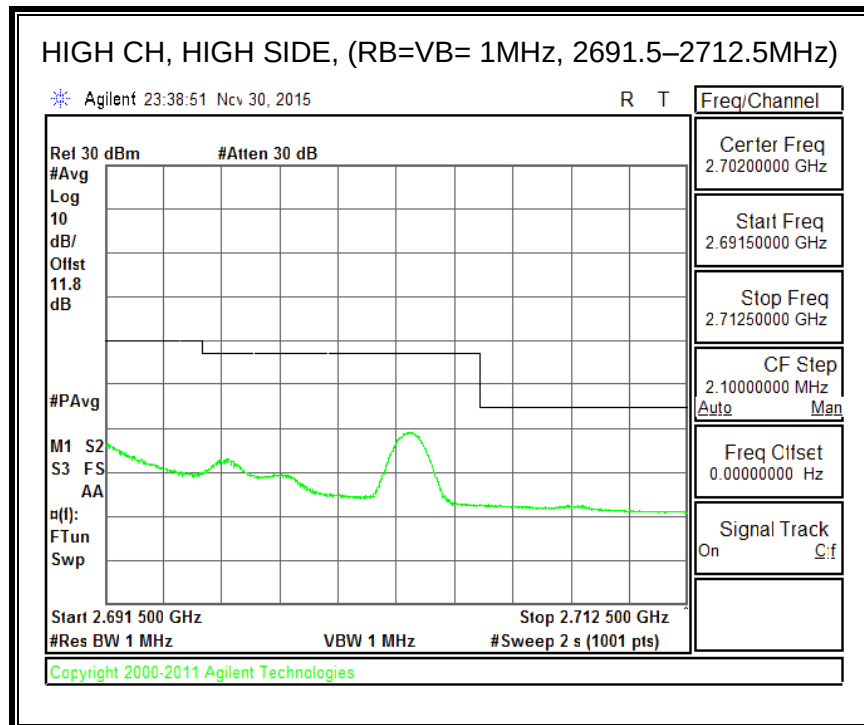




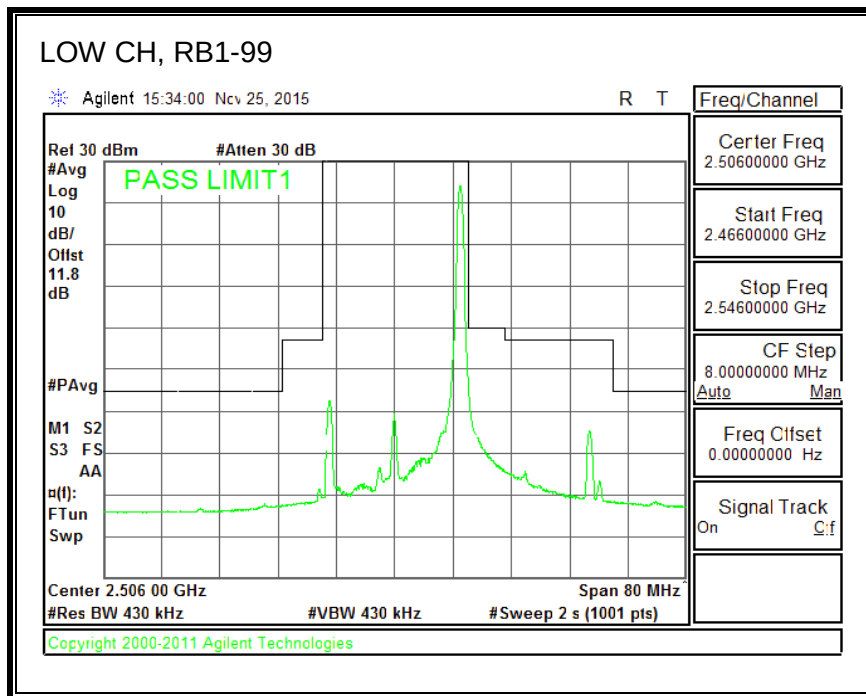
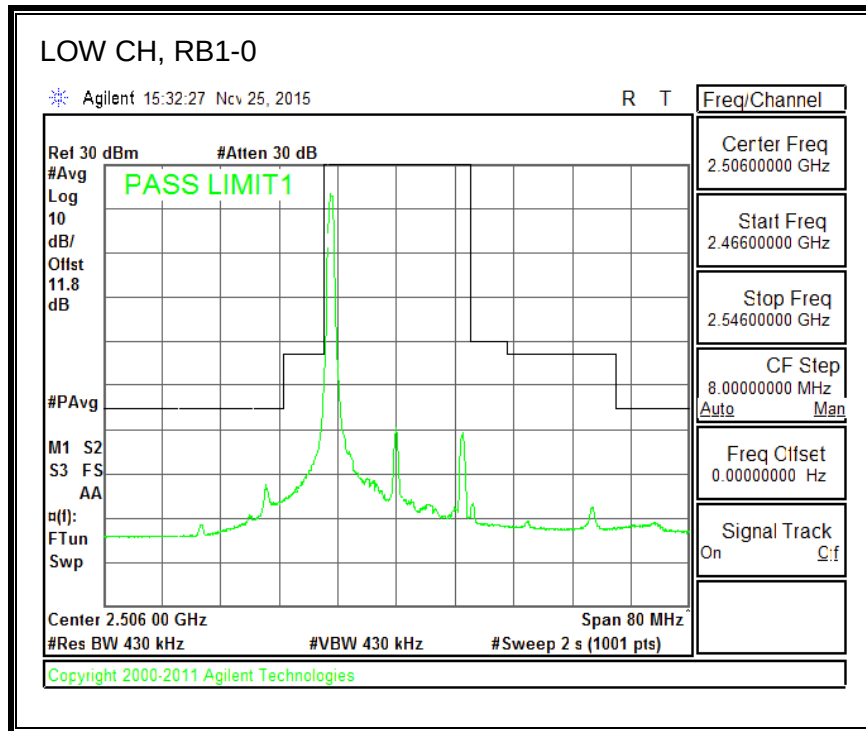


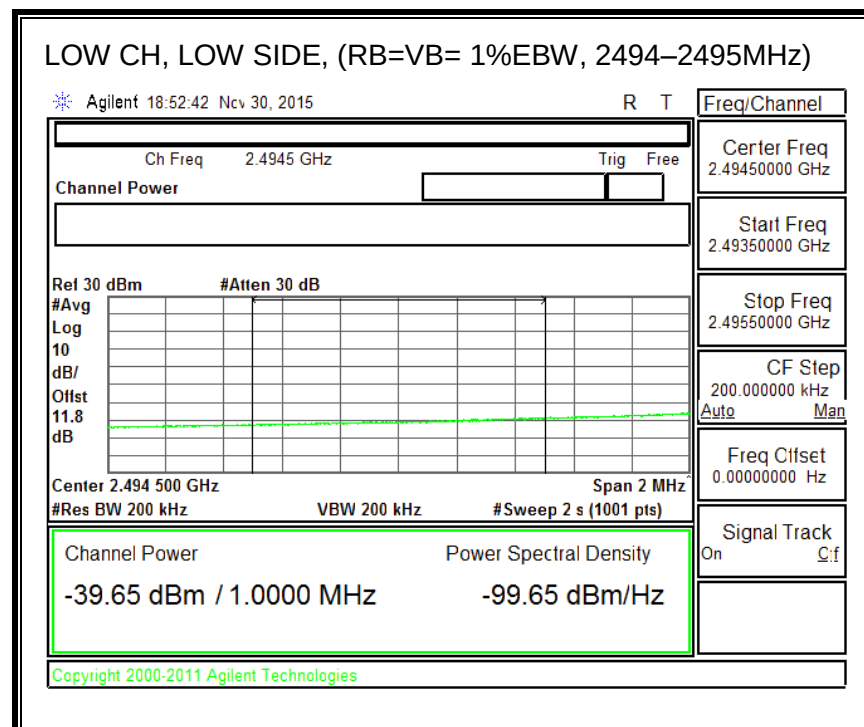
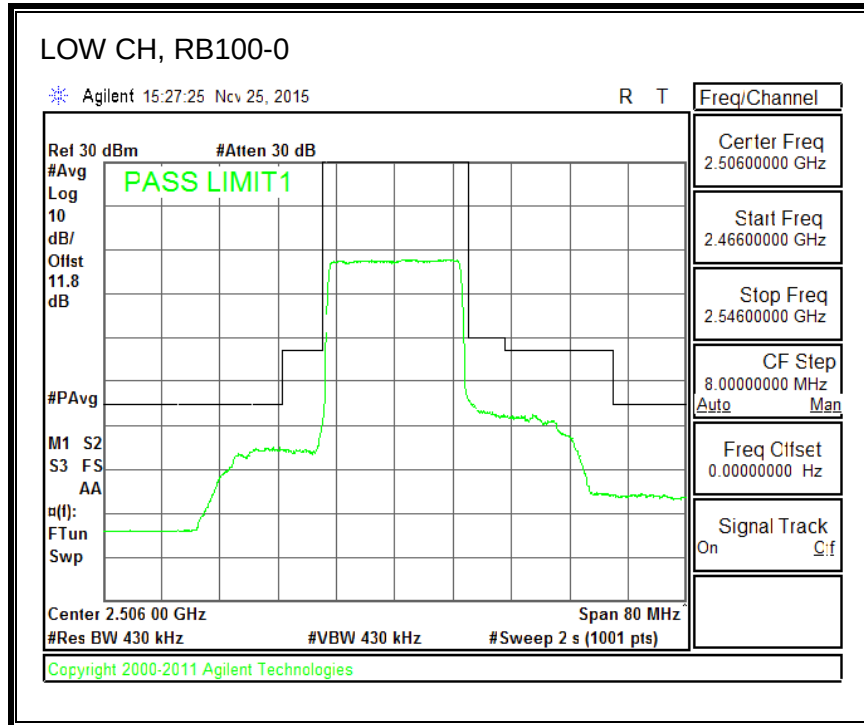


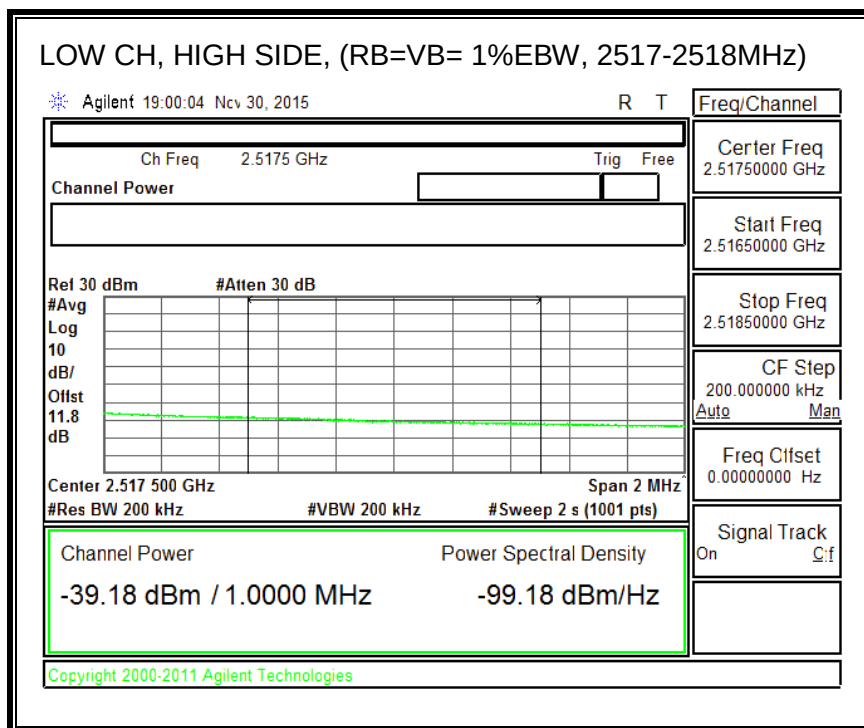
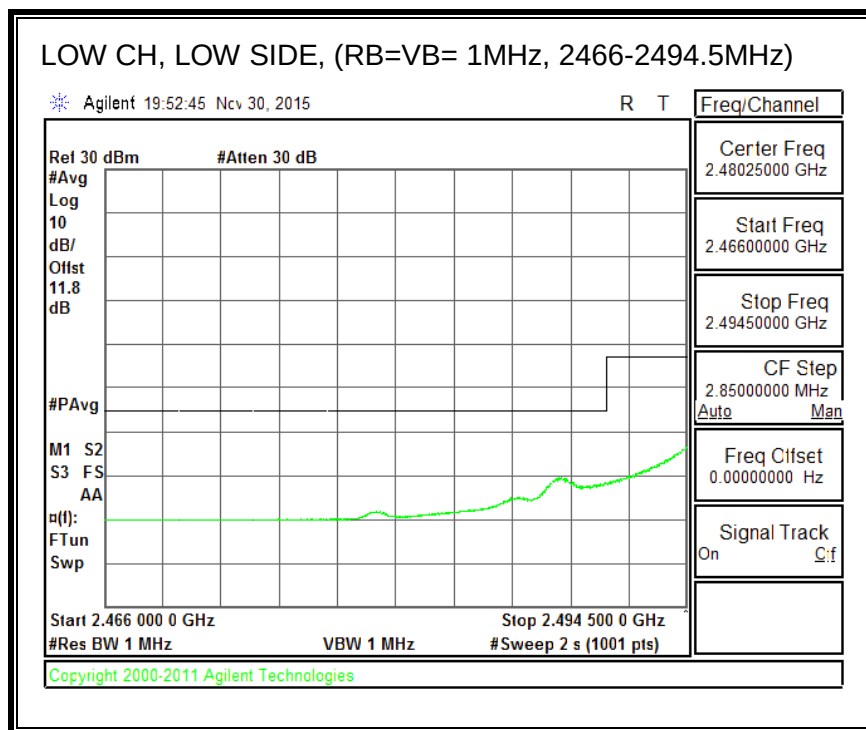


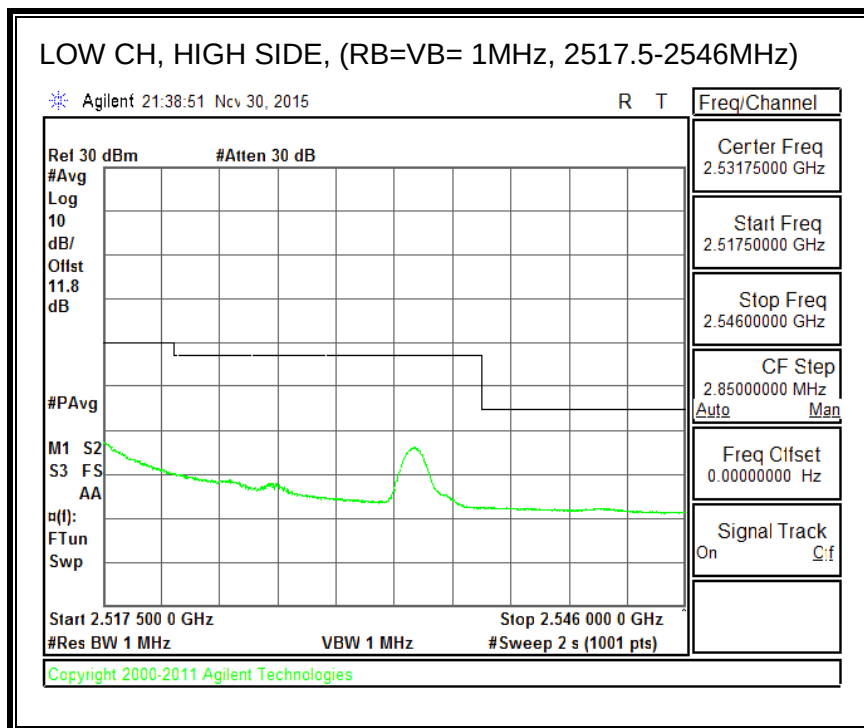


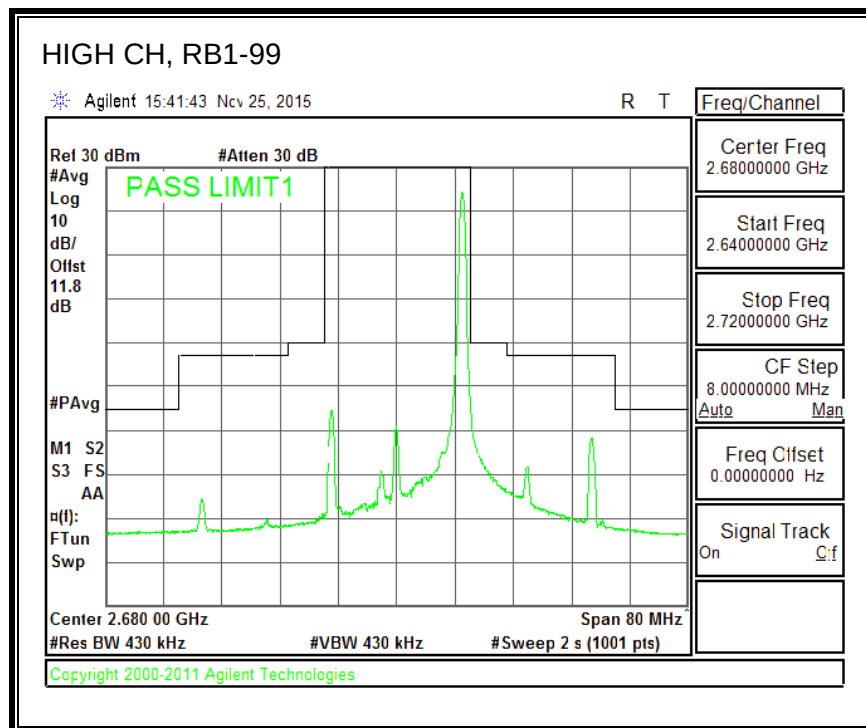
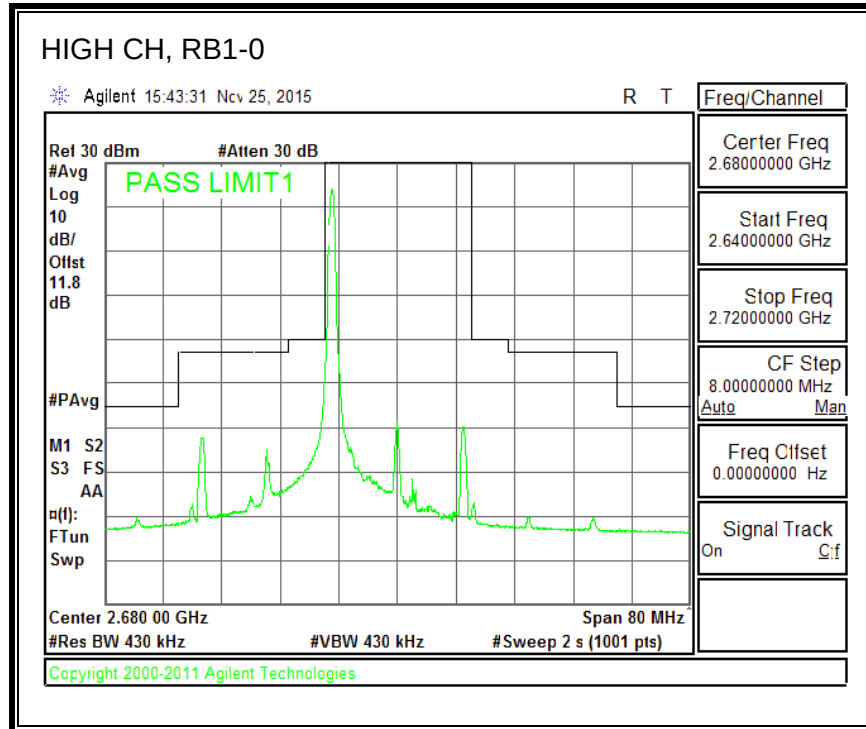
QPSK, (20.0 MHz BAND WIDTH)

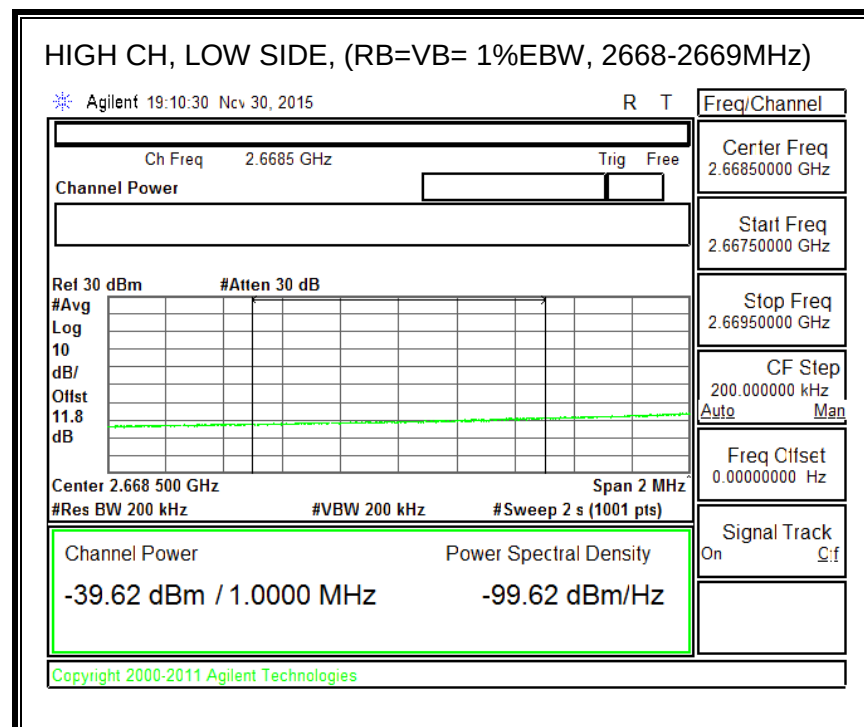
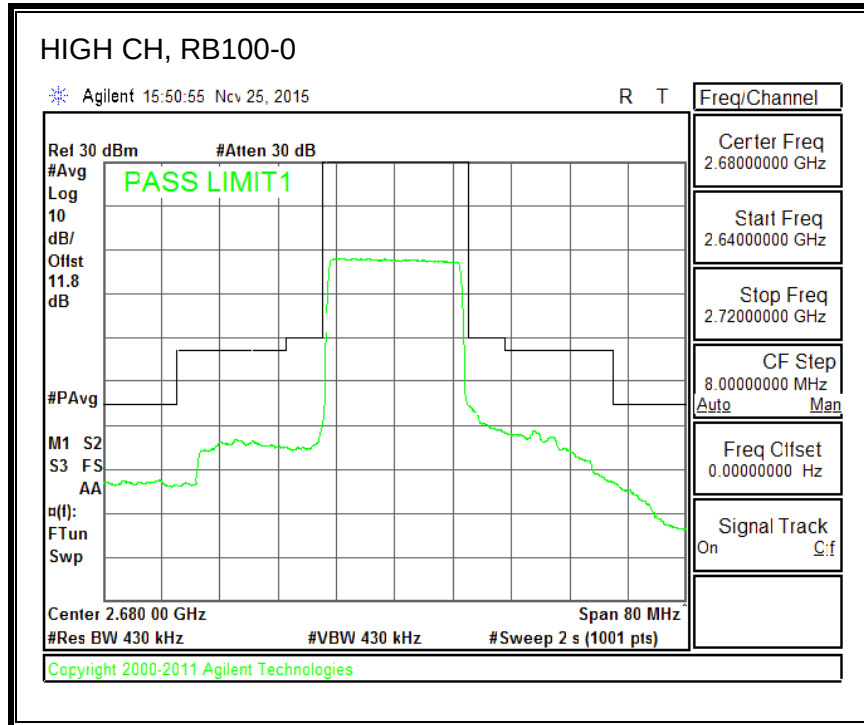


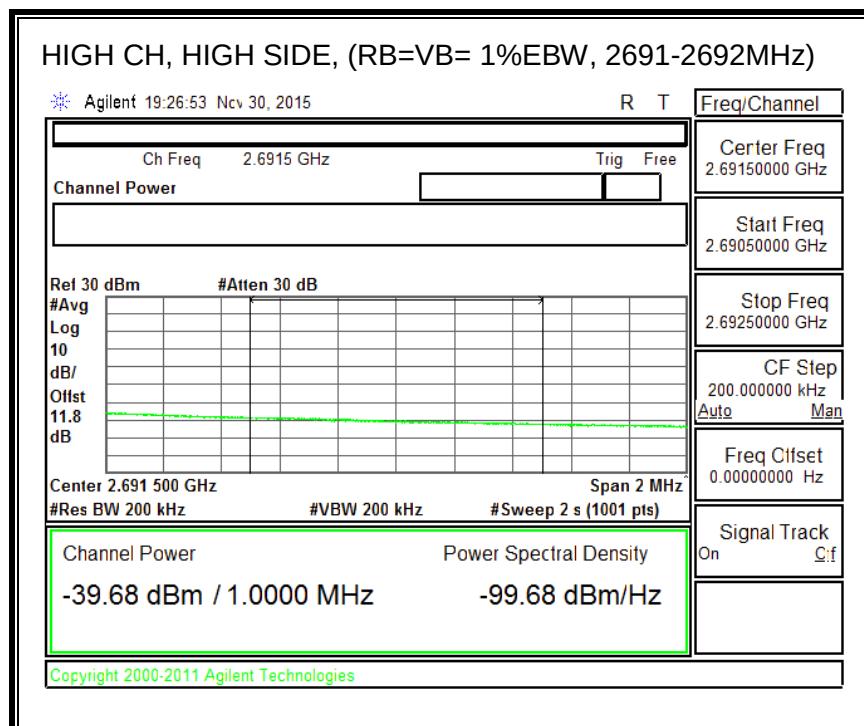
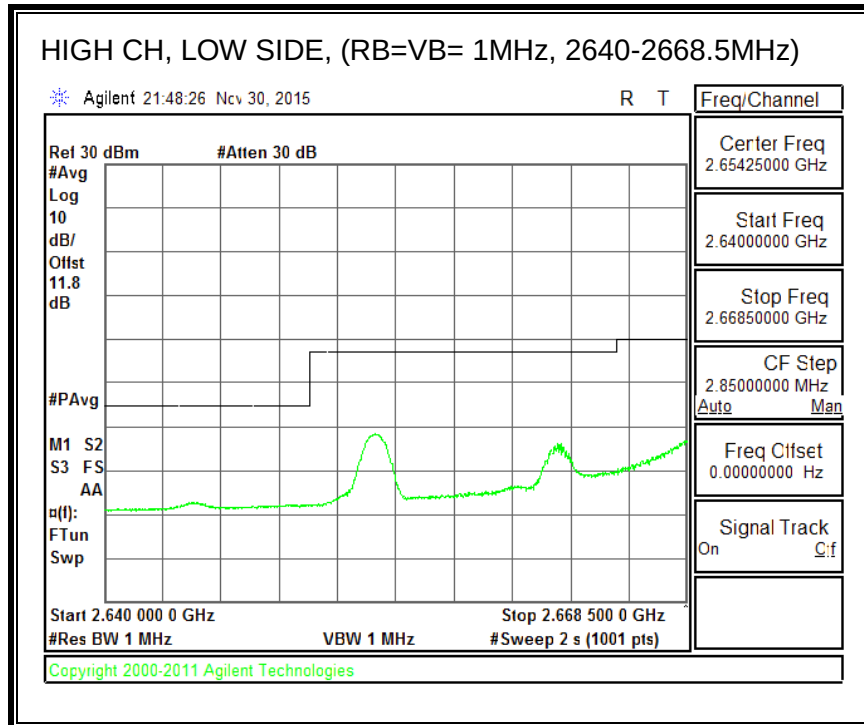


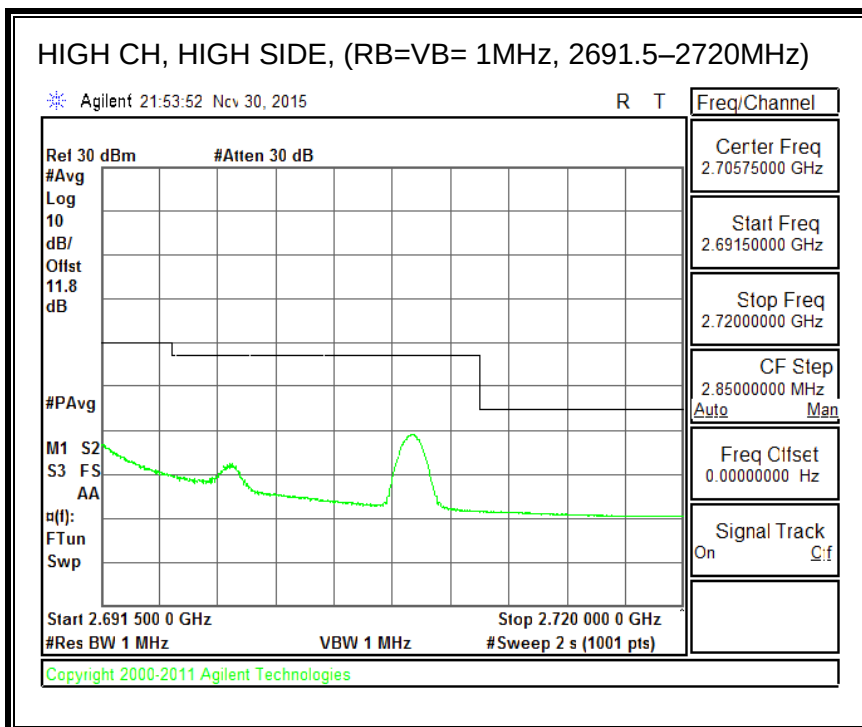




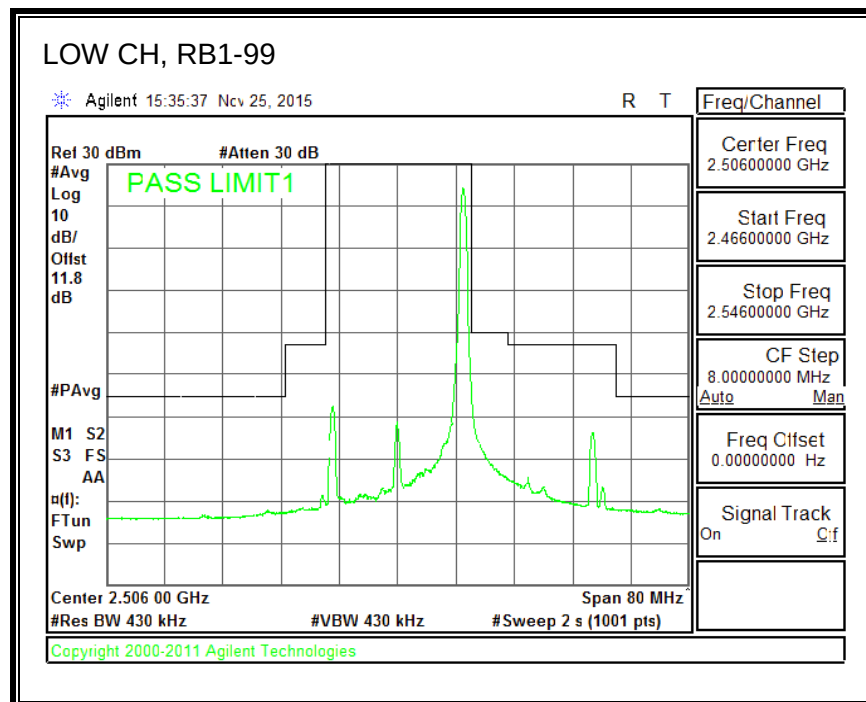
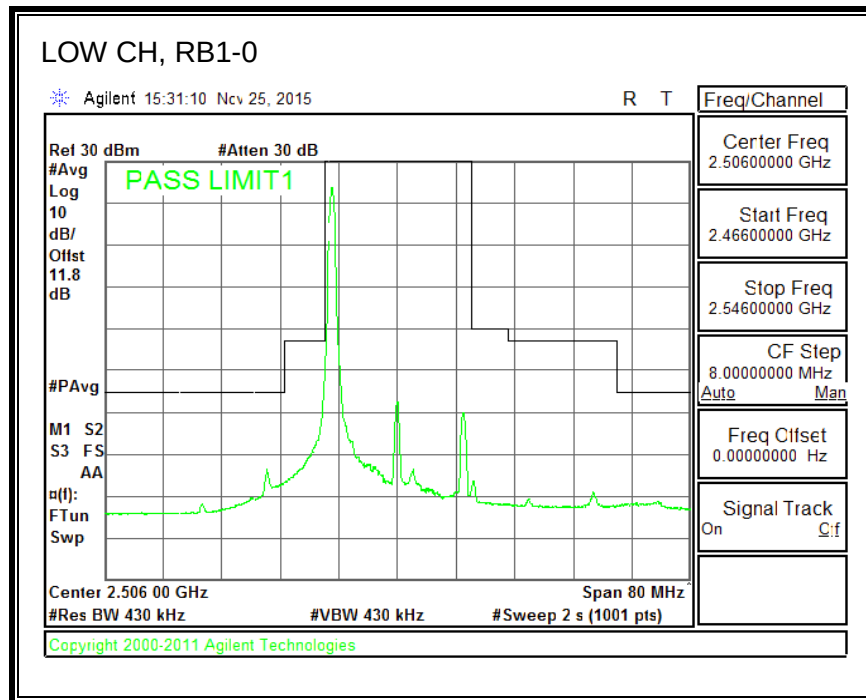


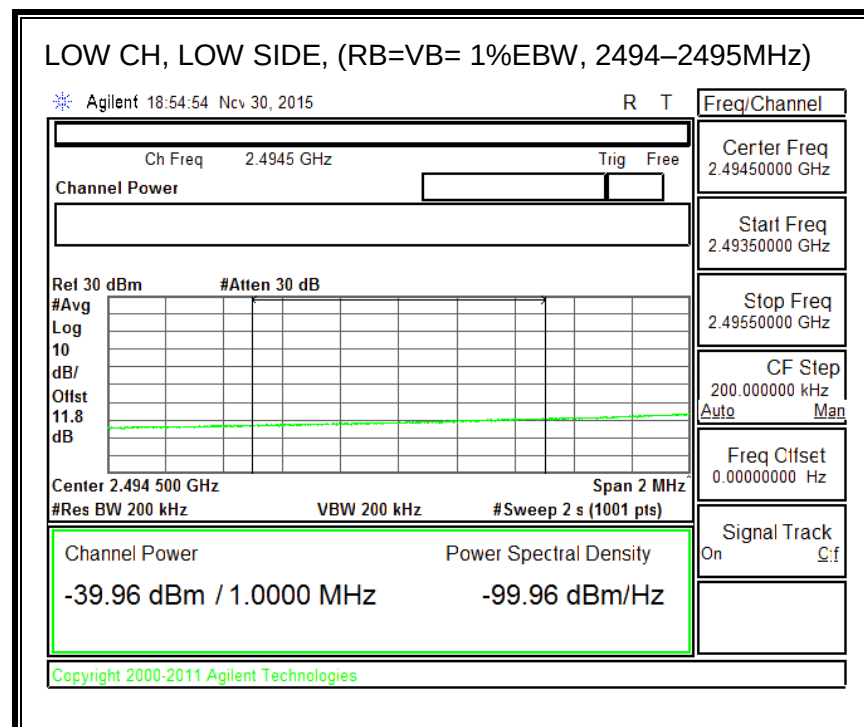
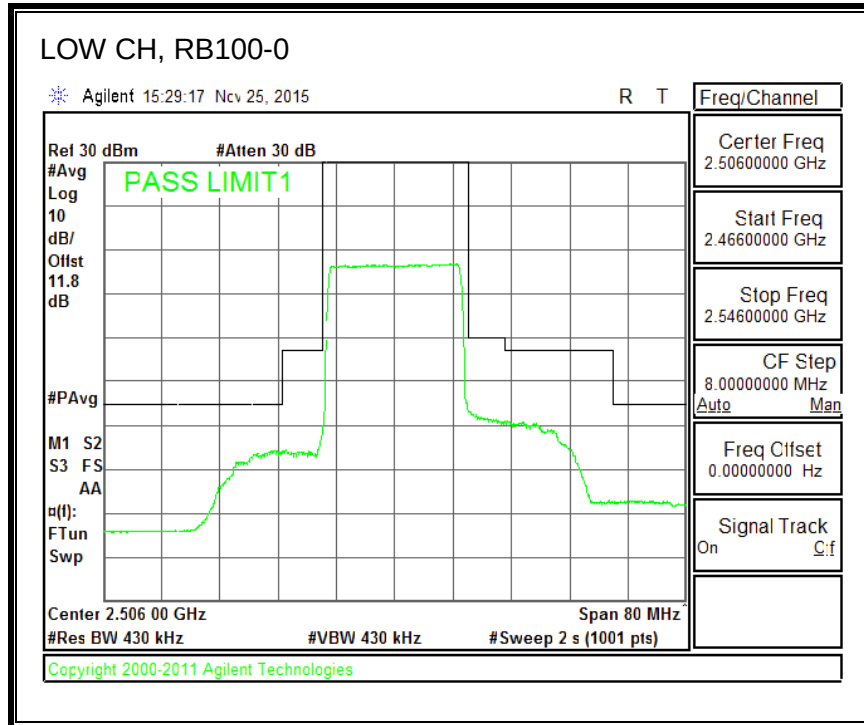


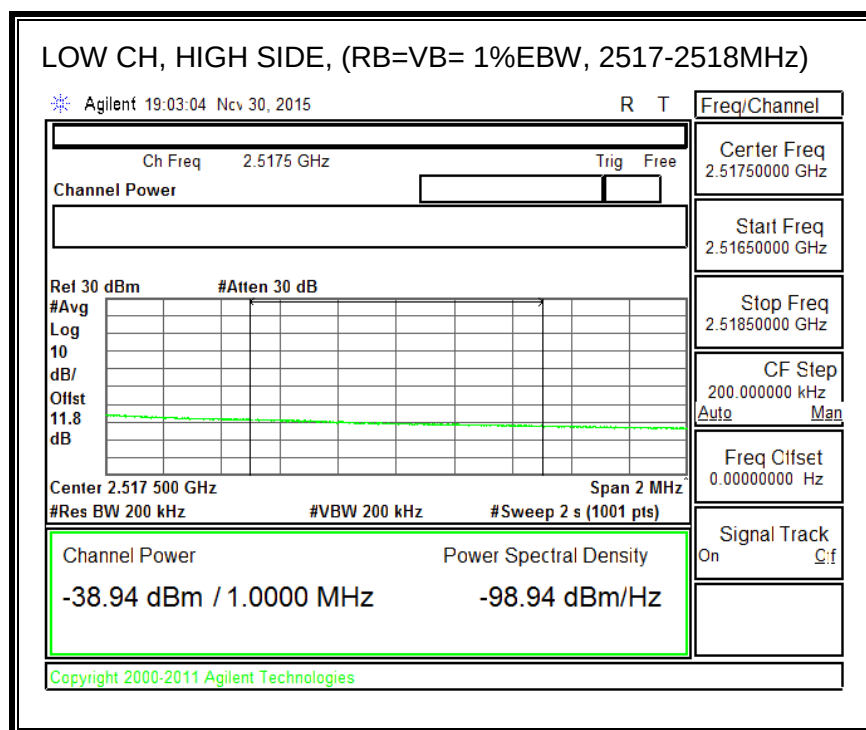
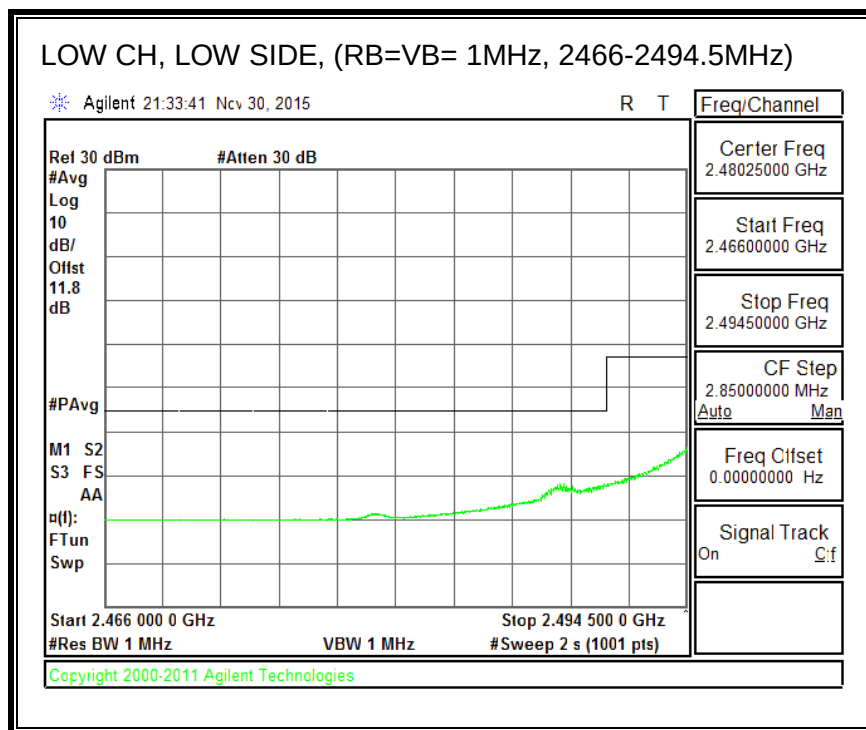


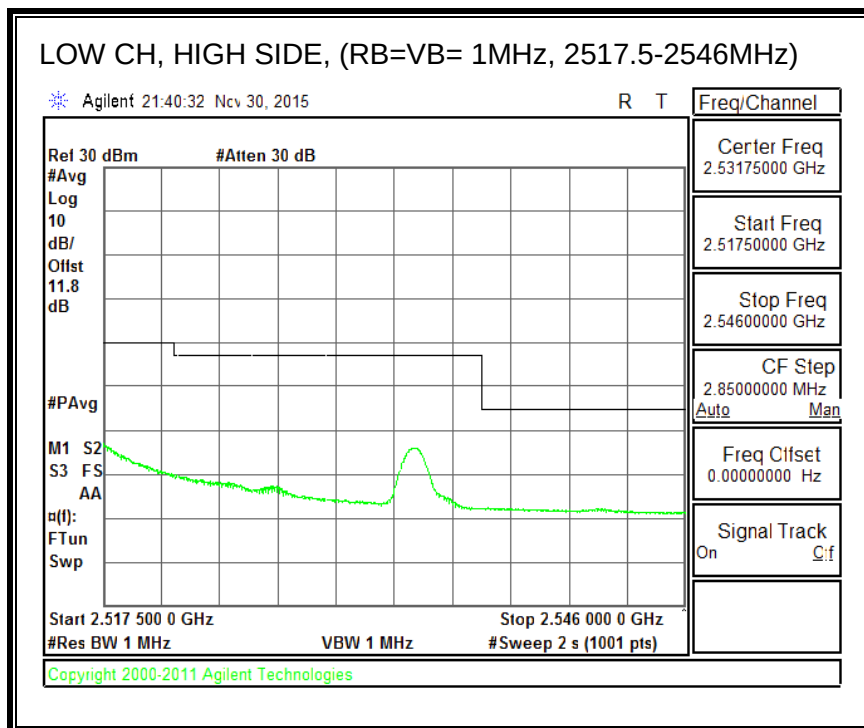


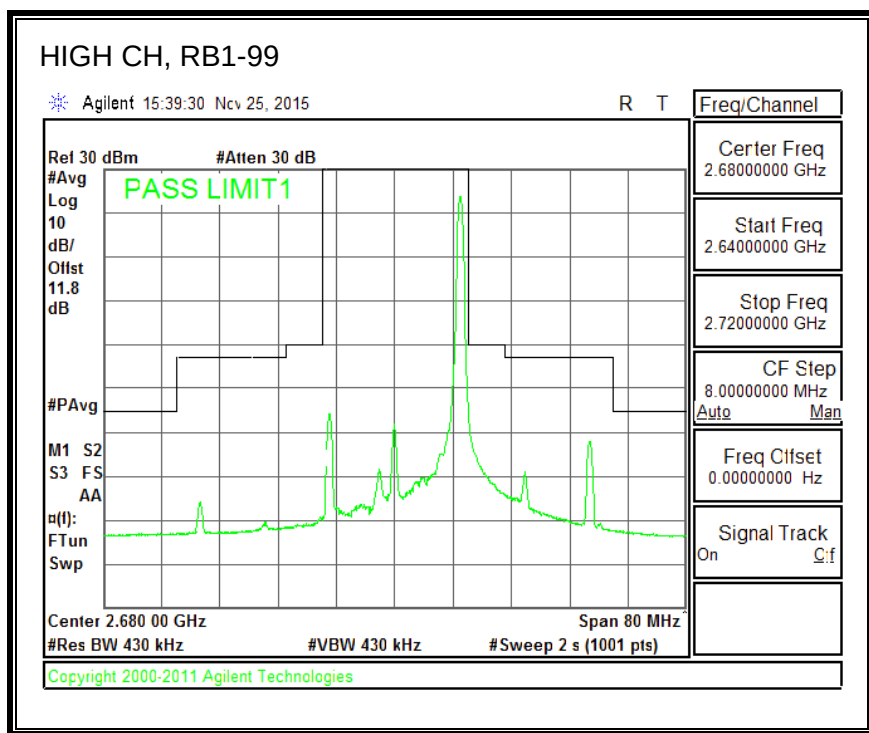
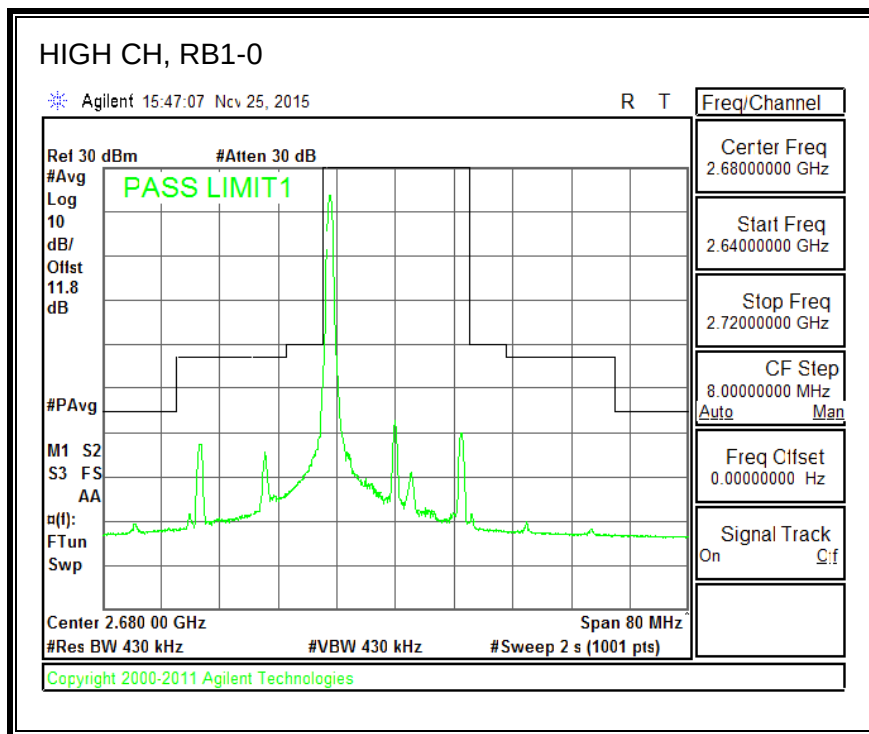
16QAM, (20.0 MHz BAND WIDTH)

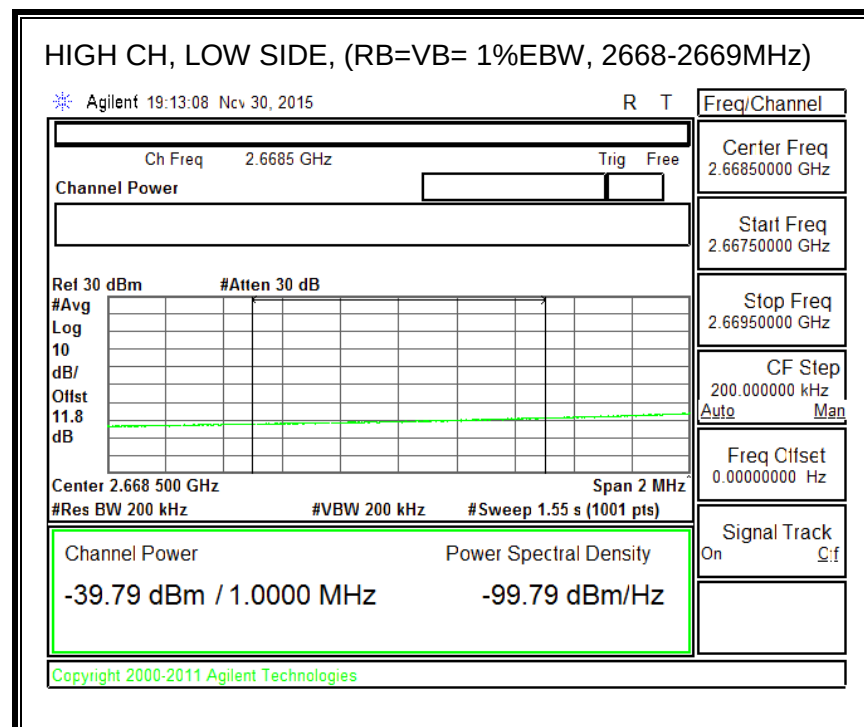
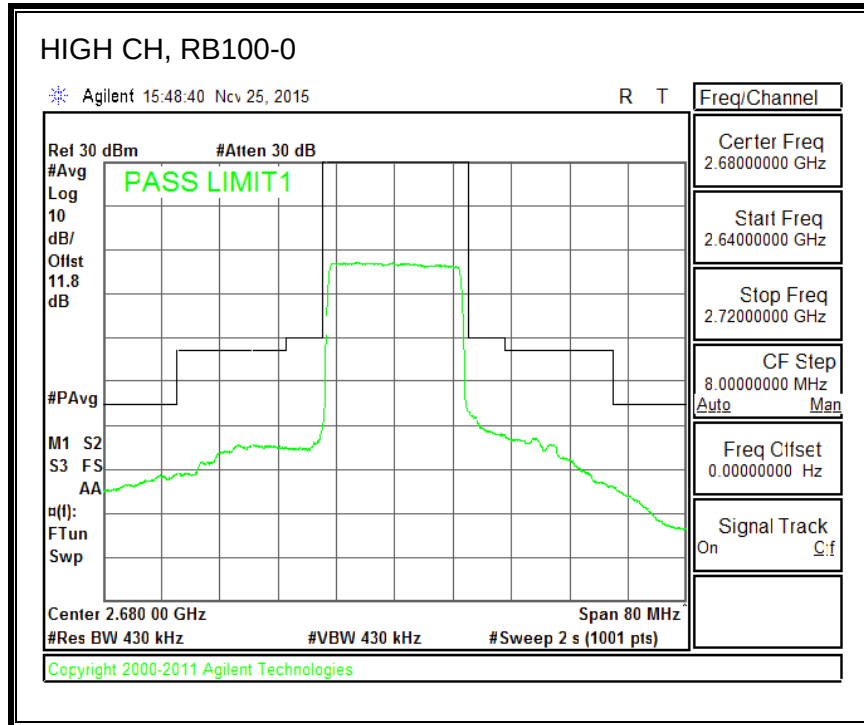


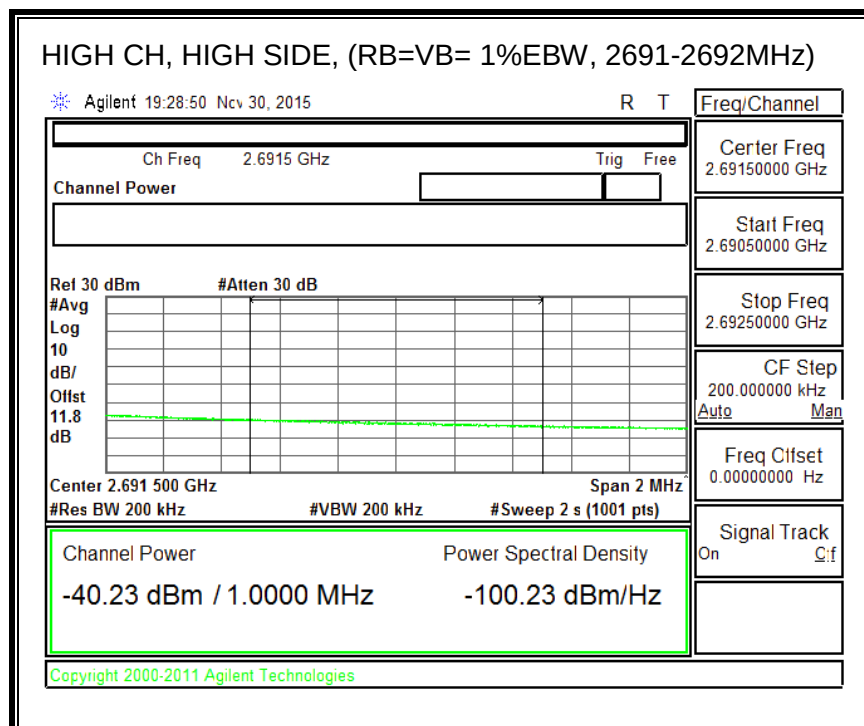
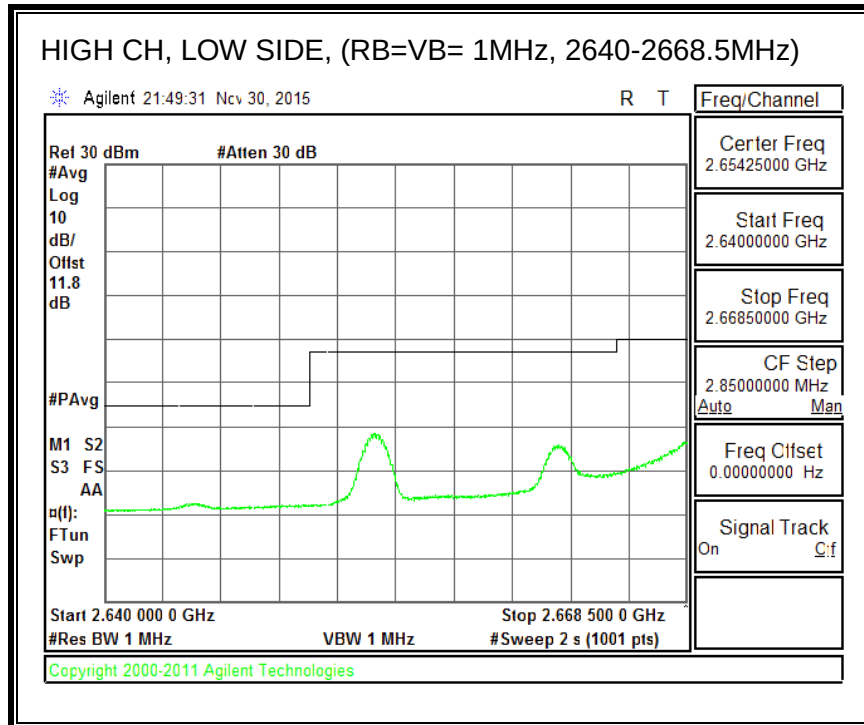


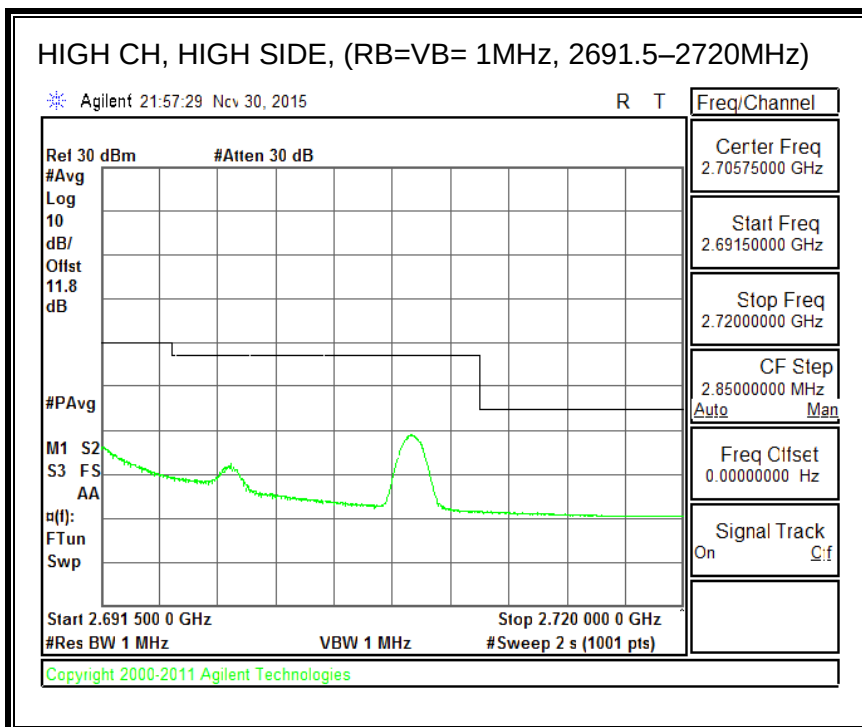












8.3. OUT OF BAND EMISSIONS

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:

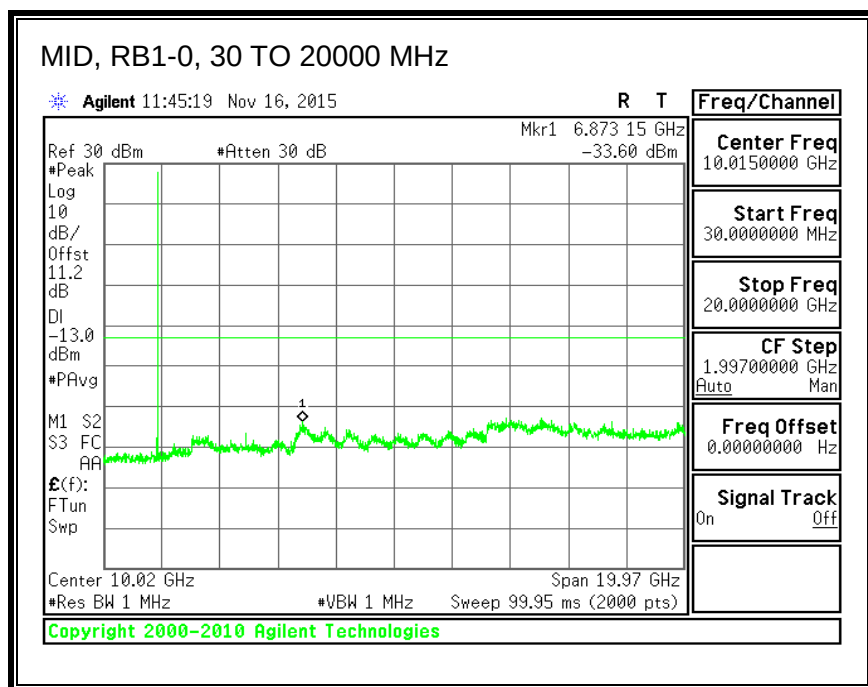
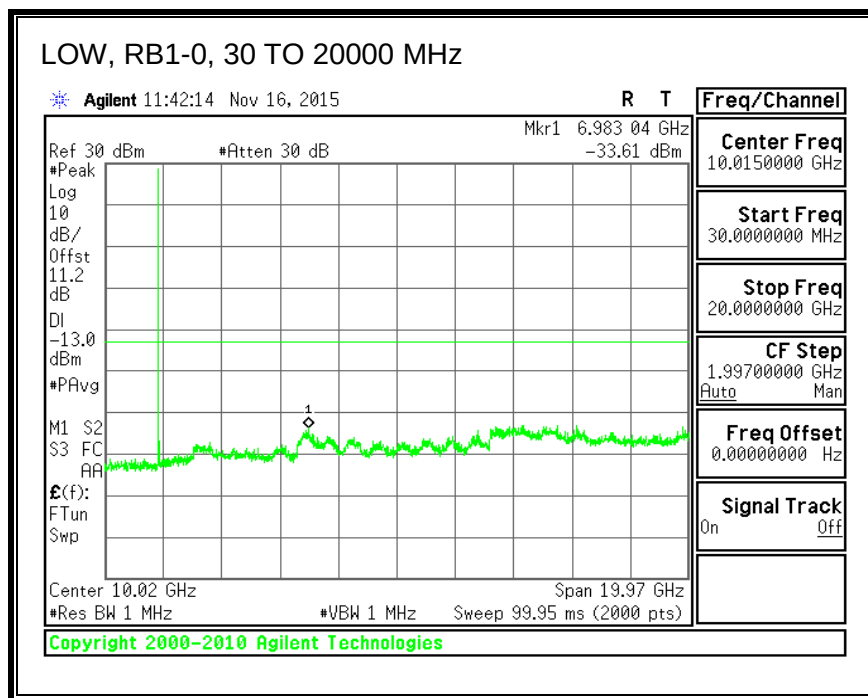
- Set display line at -13 dBm
- Set RBW & VBW to 100 kHz for the measurement below 1 GHz, and 1 MHz for the measurement above 1 GHz.

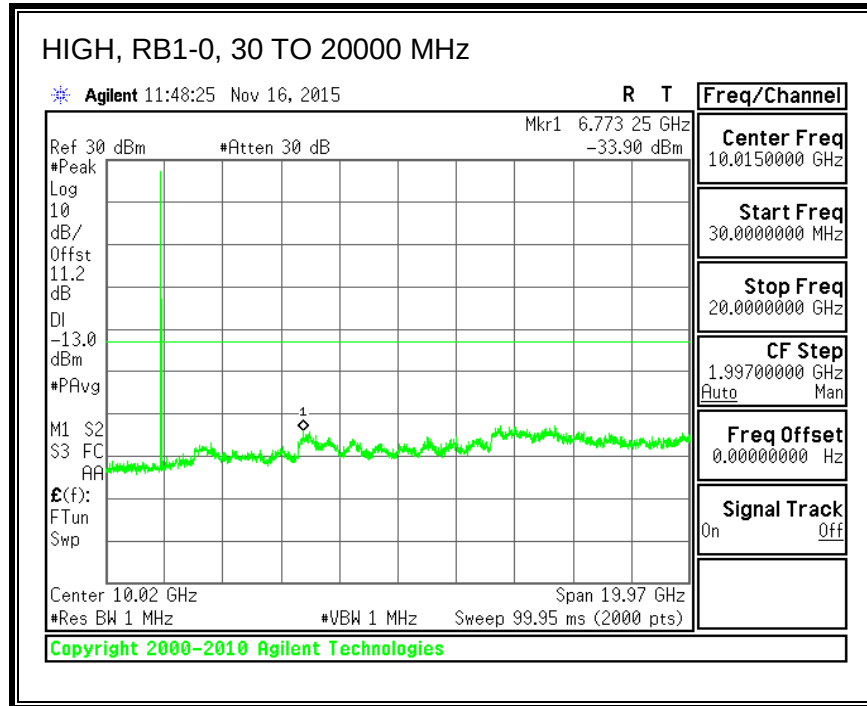
MODES TESTED

- LTE Band 2
- LTE Band 4
- LTE Band 5
- LTE Band 7
- LTE Band 12
- LTE Band 13
- LTE Band 17
- LTE Band 25
- LTE Band 26
- LTE Band 27
- LTE Band 30
- LTE Band 41

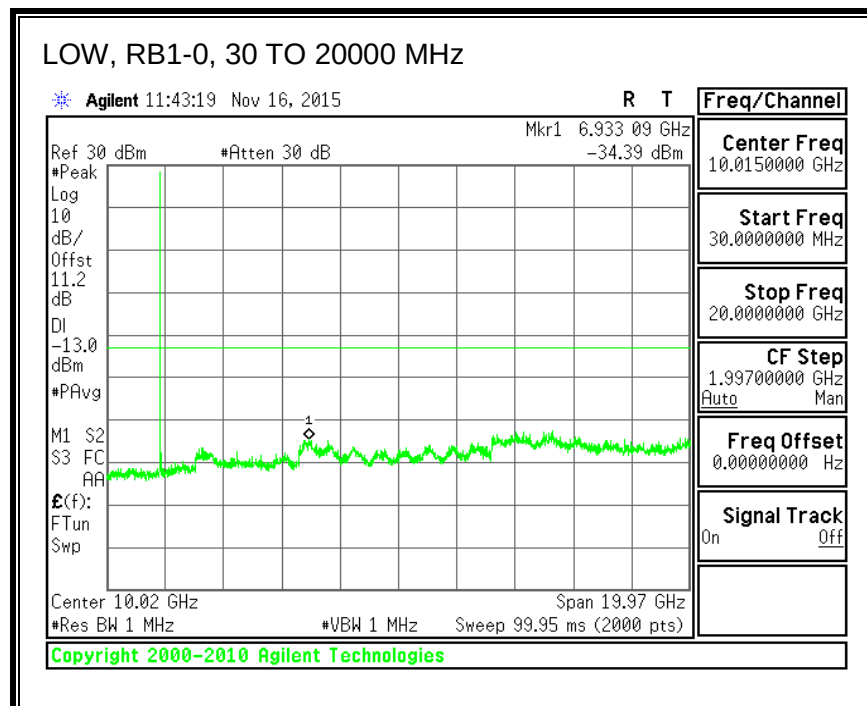
8.3.1. LTE BAND 2

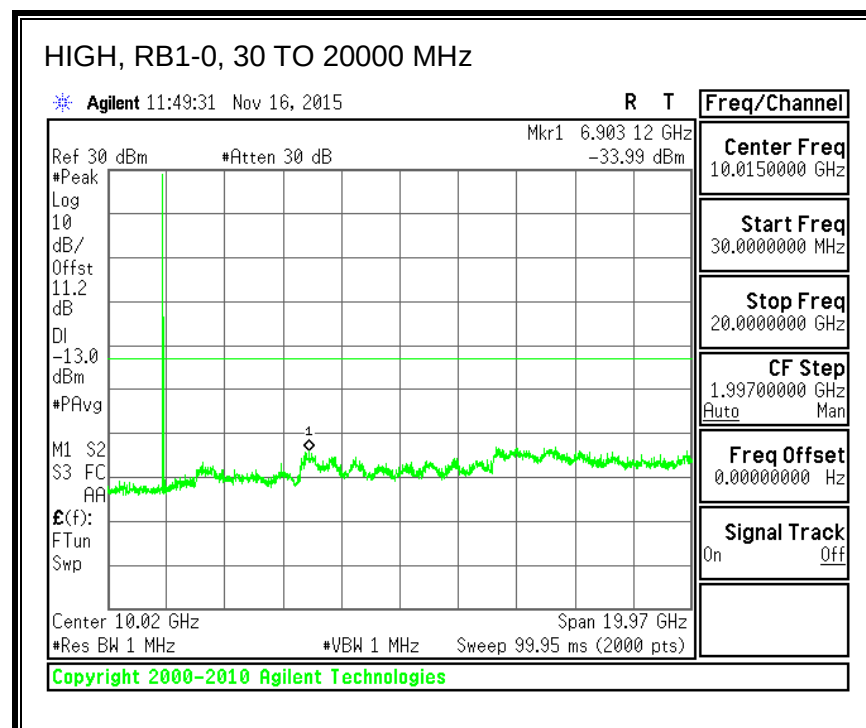
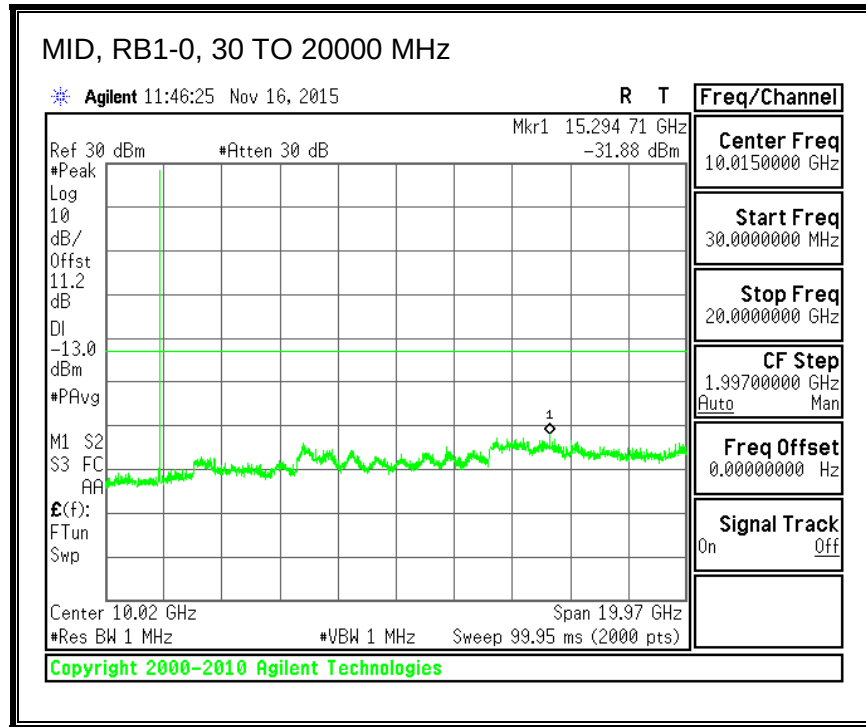
QPSK, (1.4 MHz BAND WIDTH)



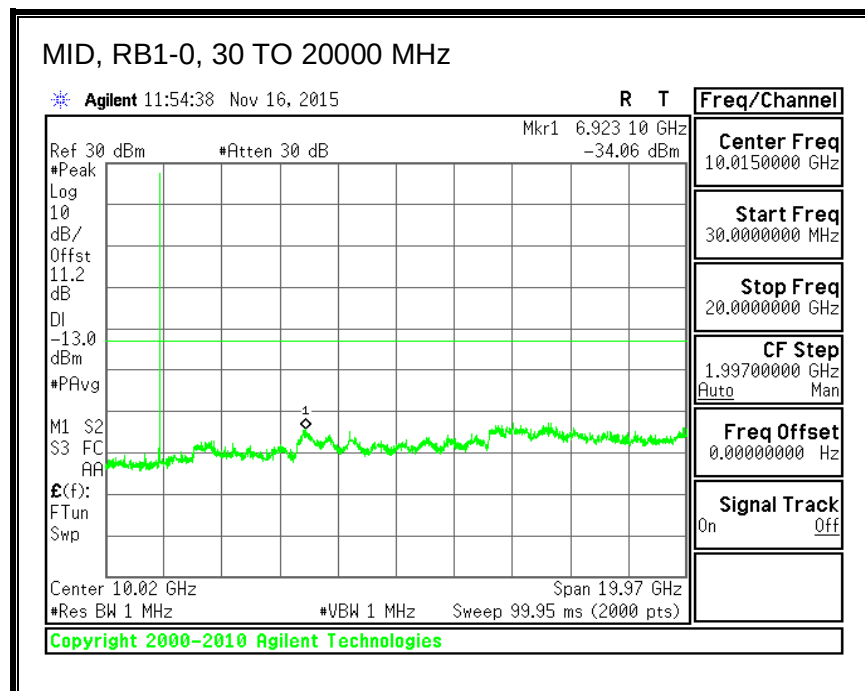
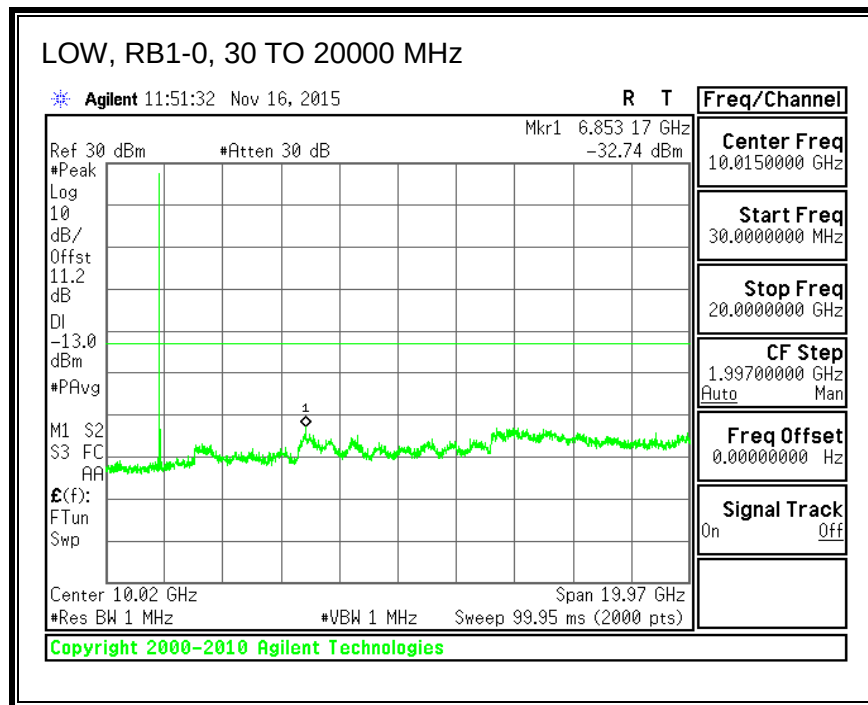


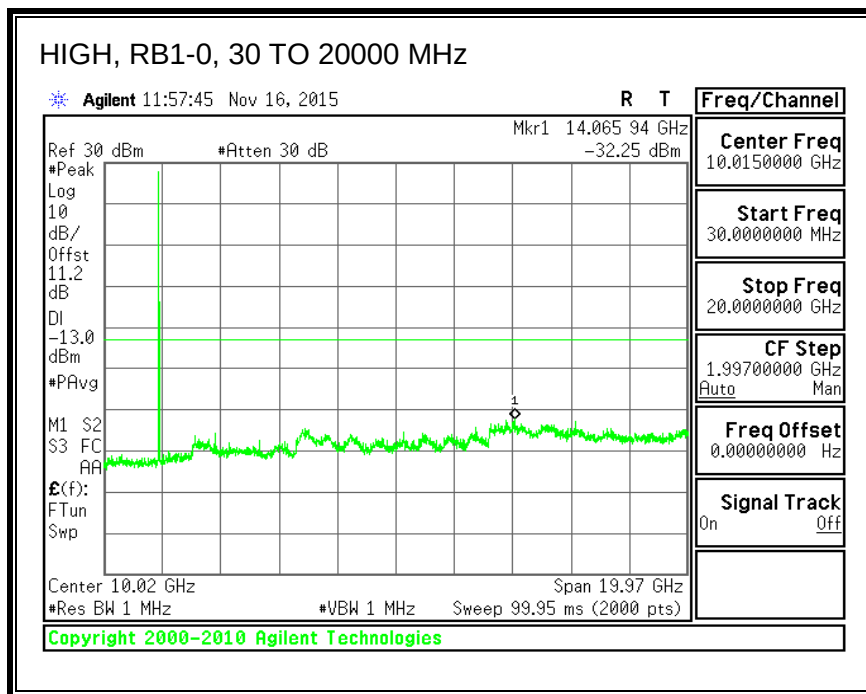
16QAM, (1.4 MHz BAND WIDTH)



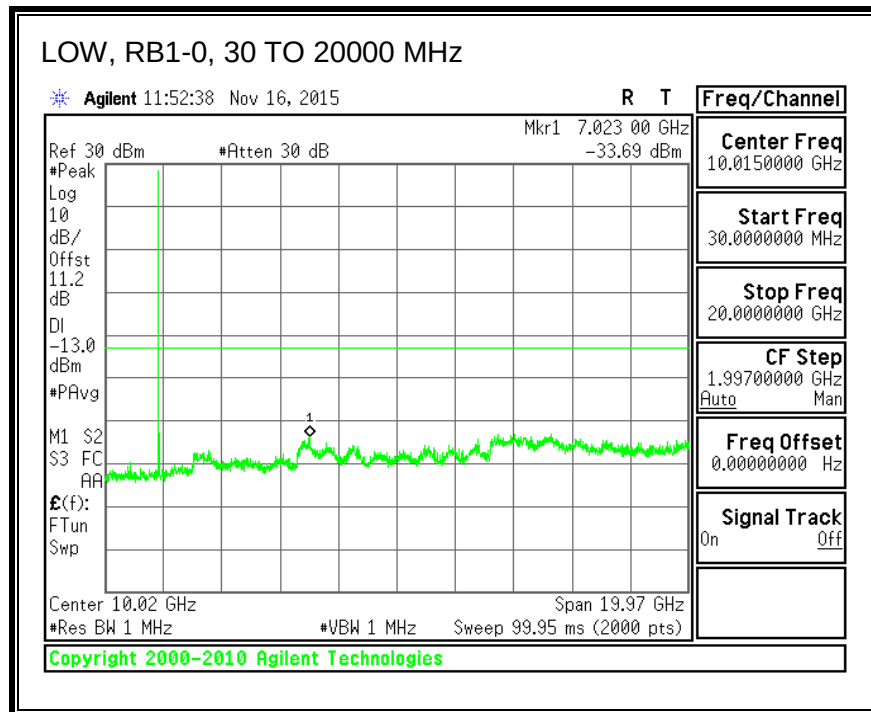


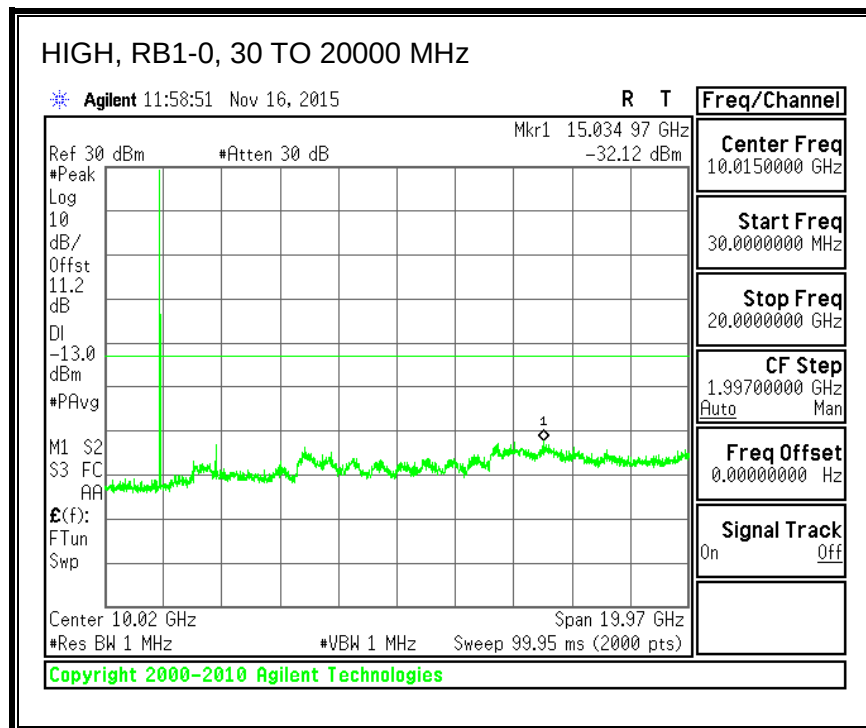
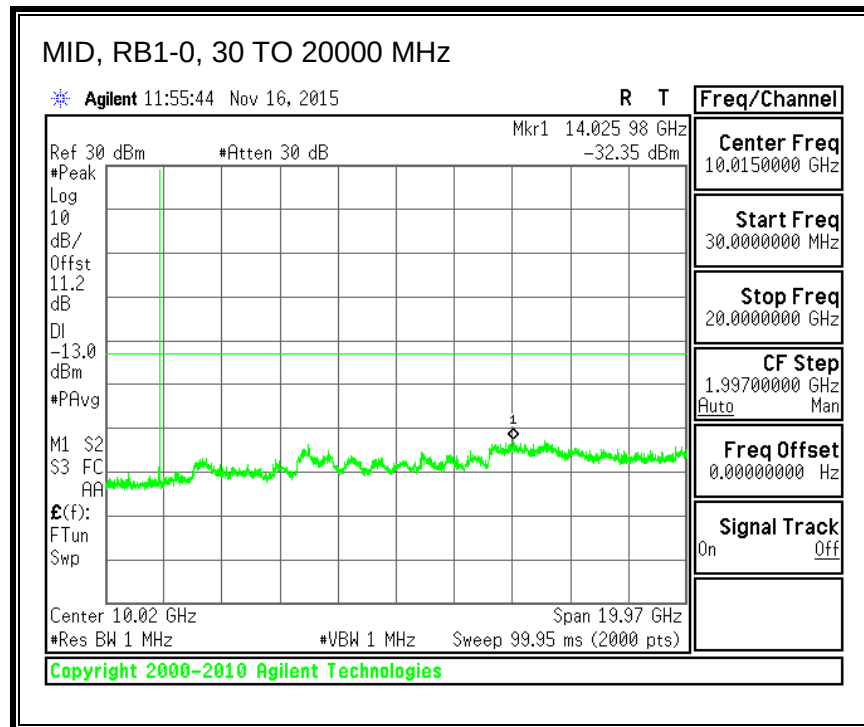
QPSK, (3.0 MHz BAND WIDTH)



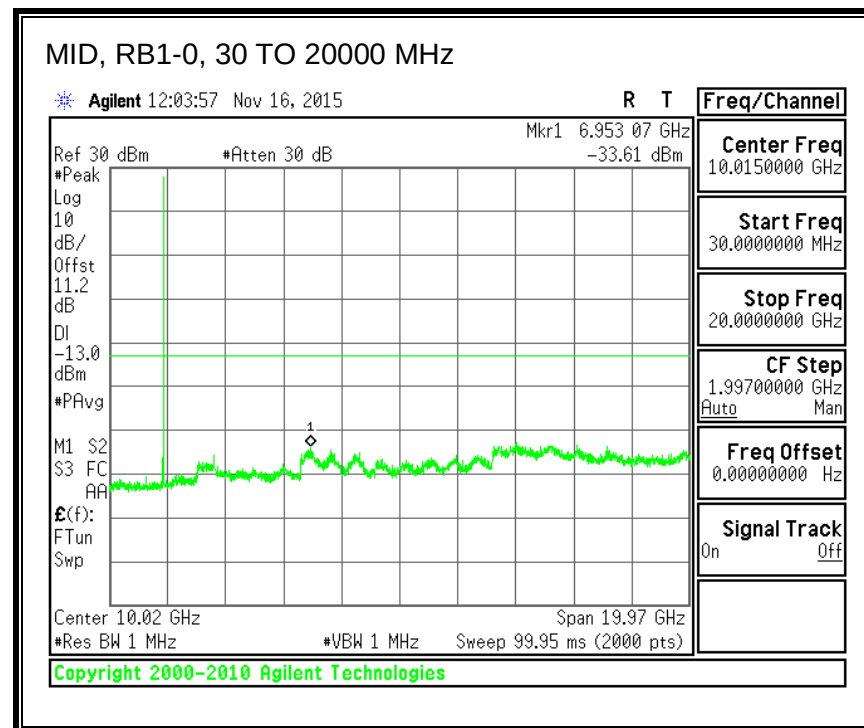
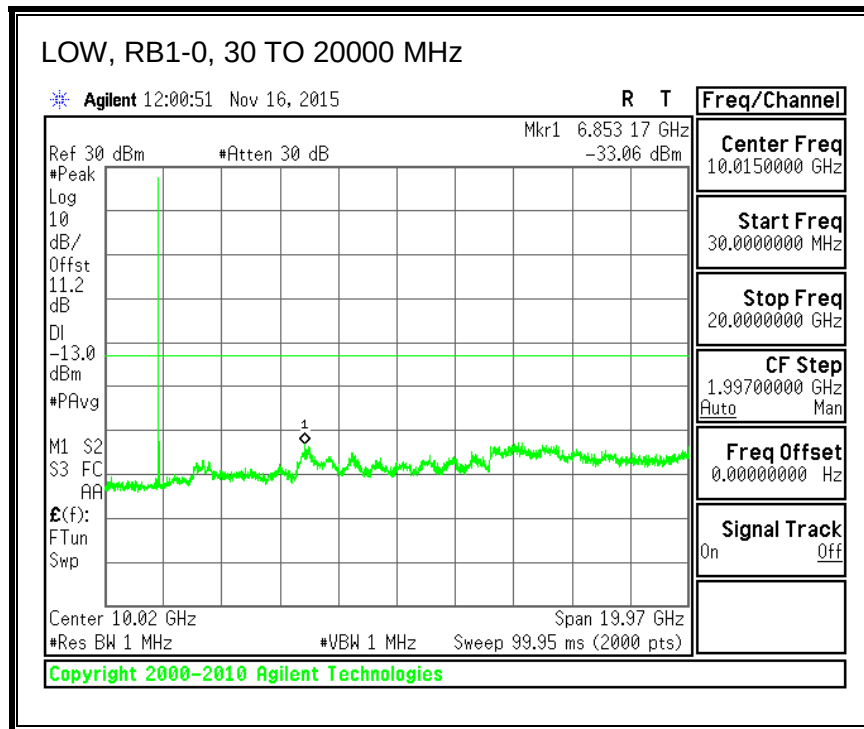


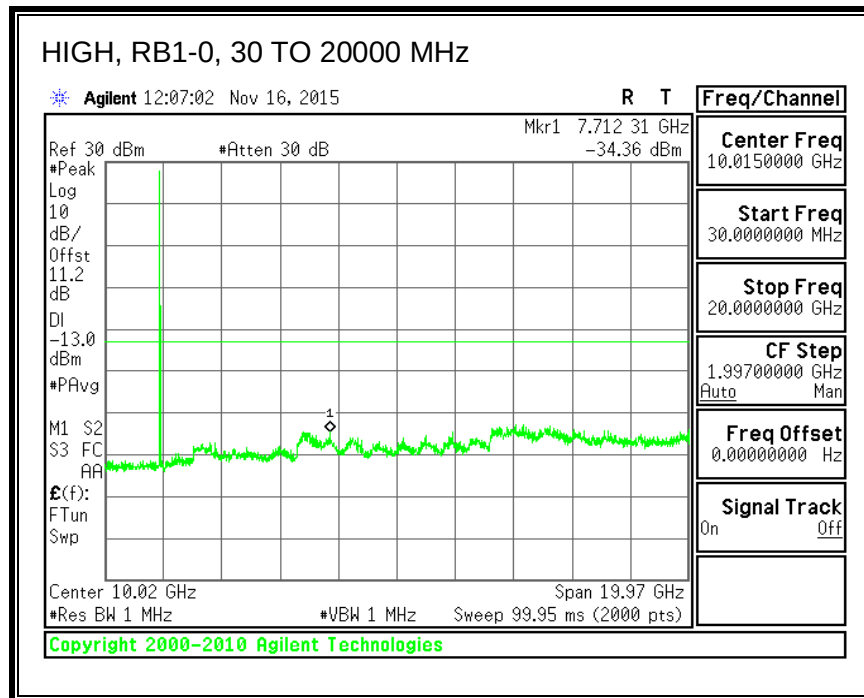
16QAM, (3.0 MHz BAND WIDTH)



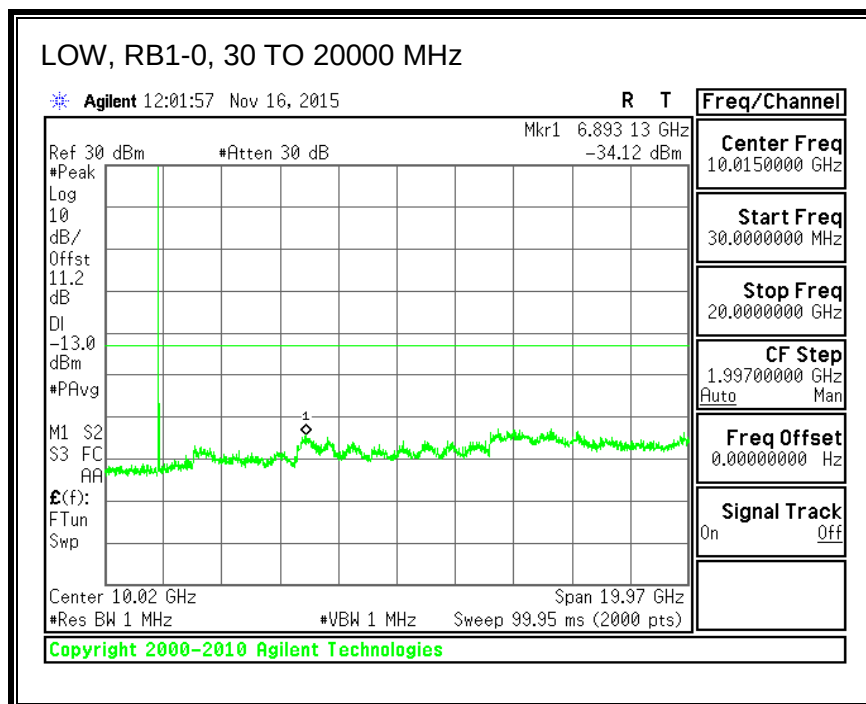


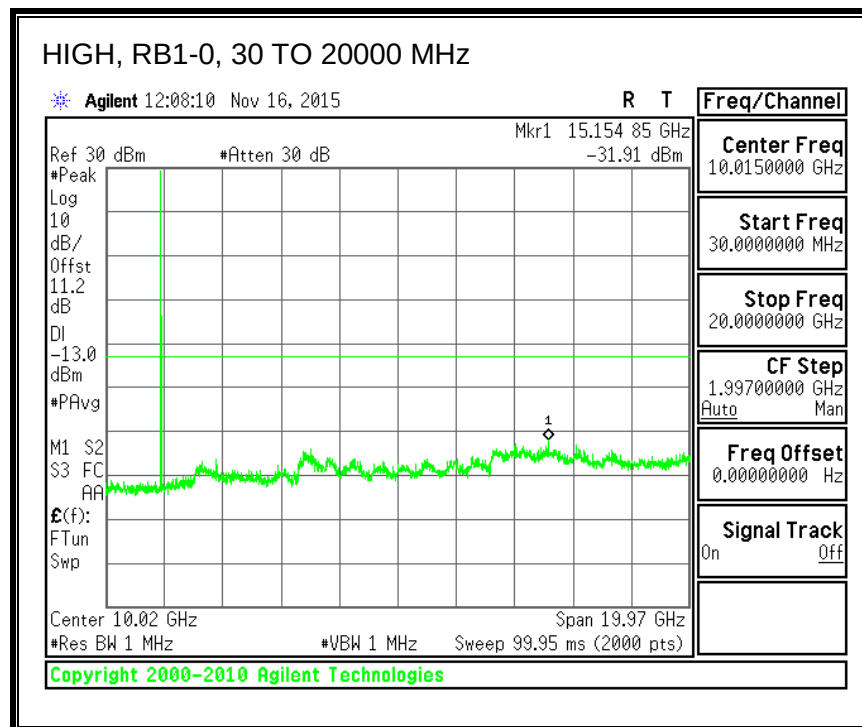
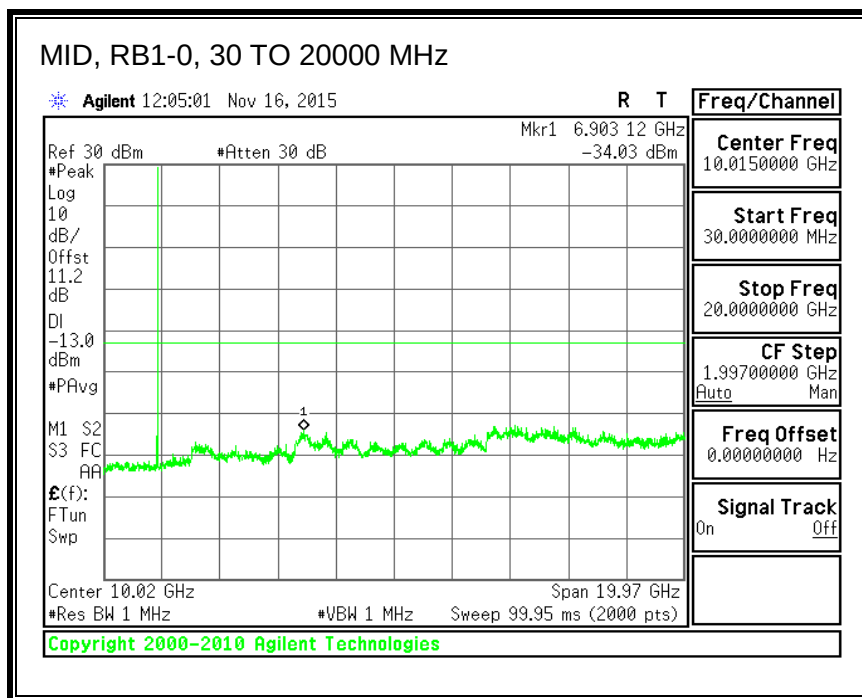
QPSK, (5.0 MHz BAND WIDTH)



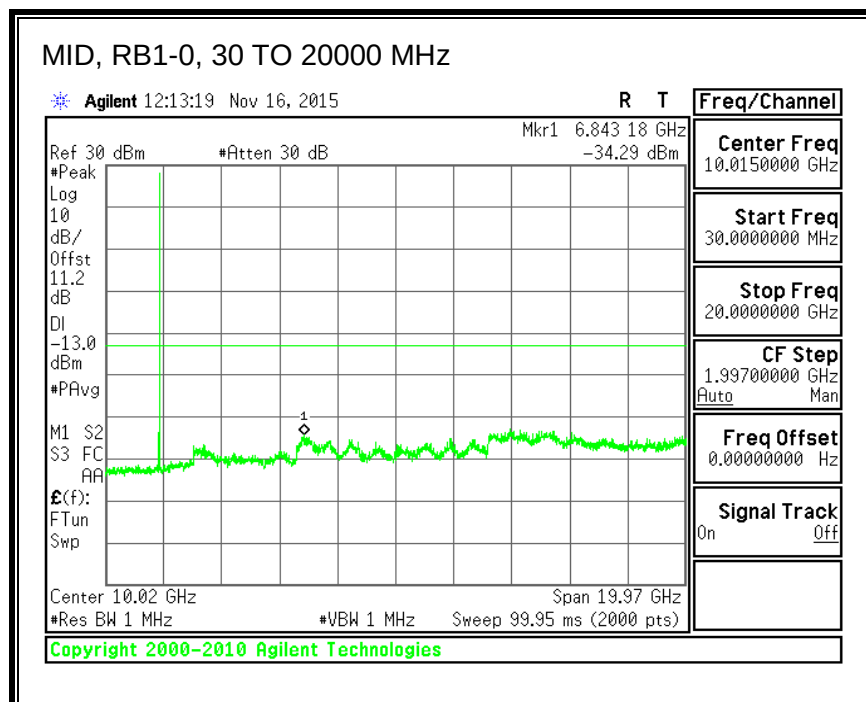
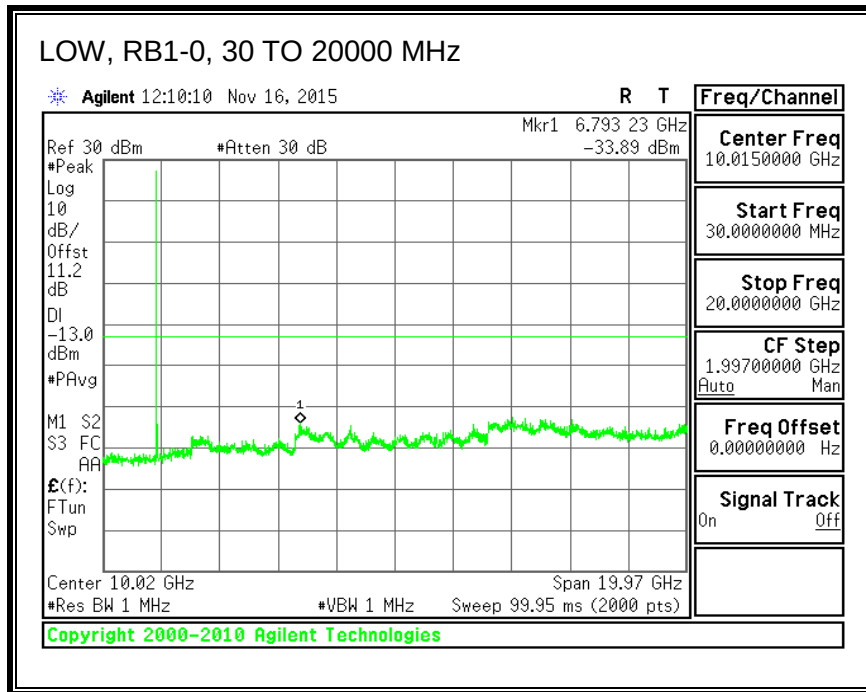


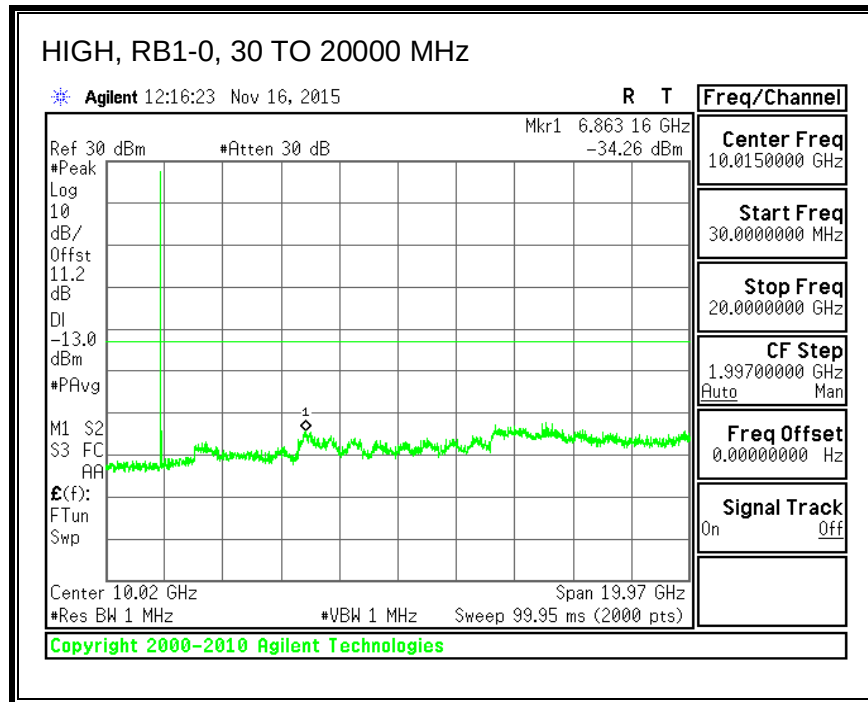
16QAM, (5.0 MHz BAND WIDTH)



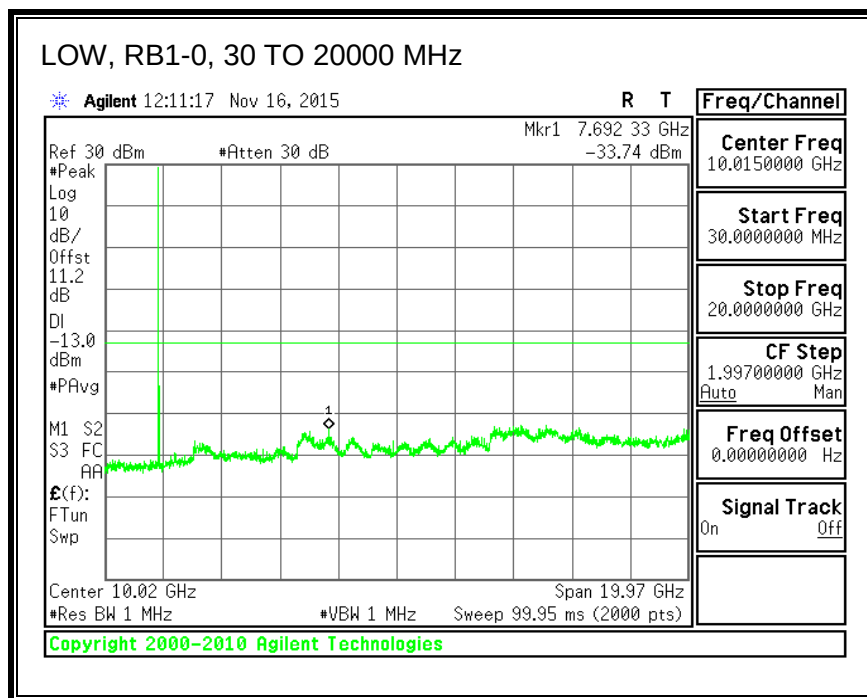


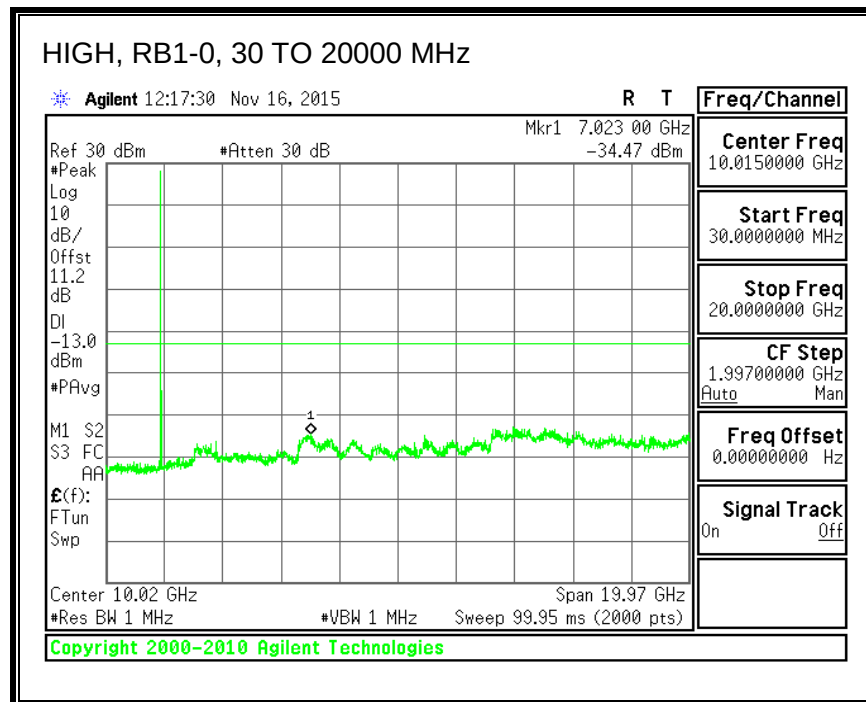
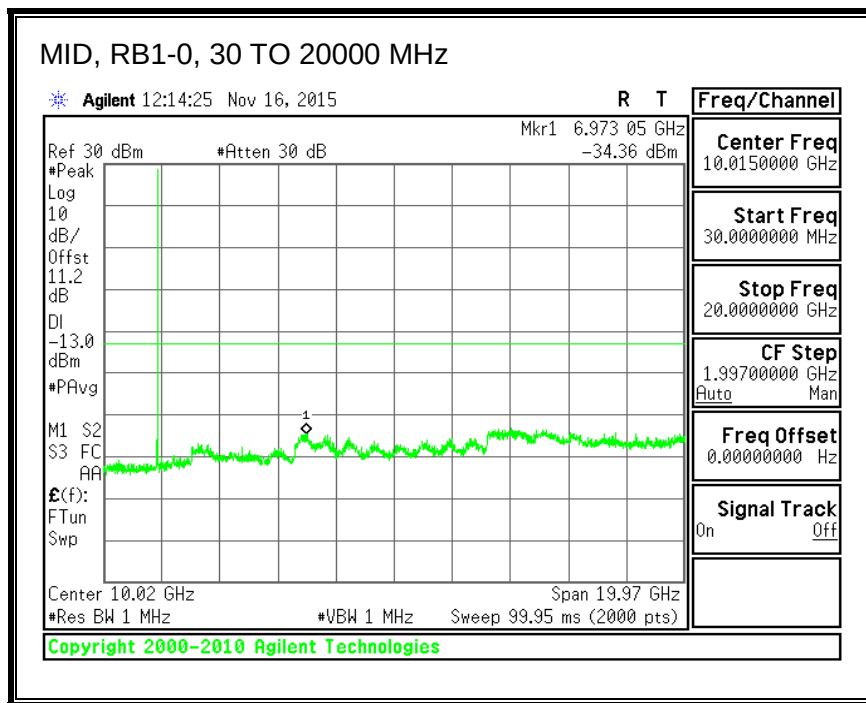
QPSK, (10.0 MHz BAND WIDTH)



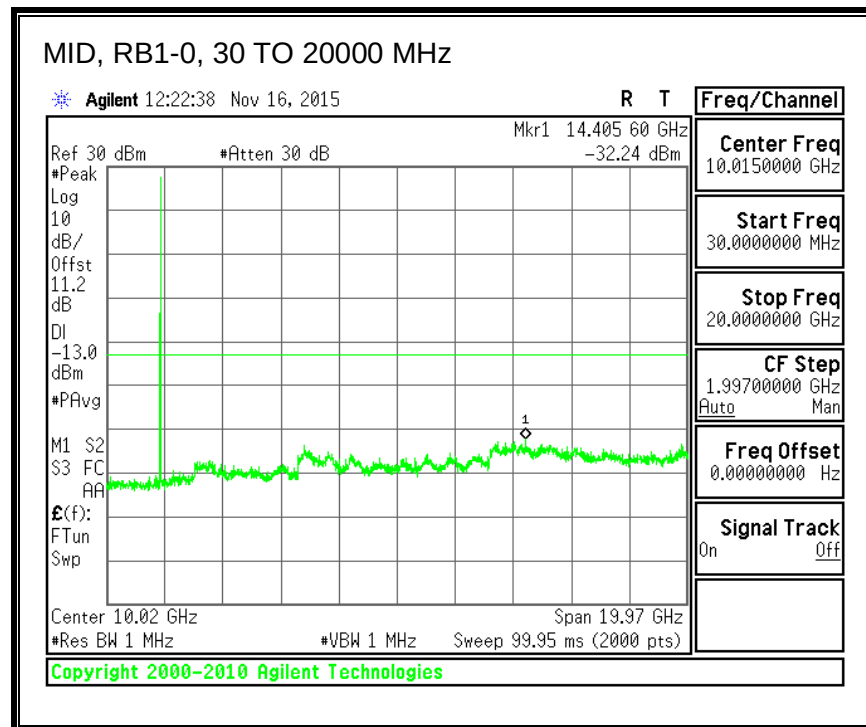
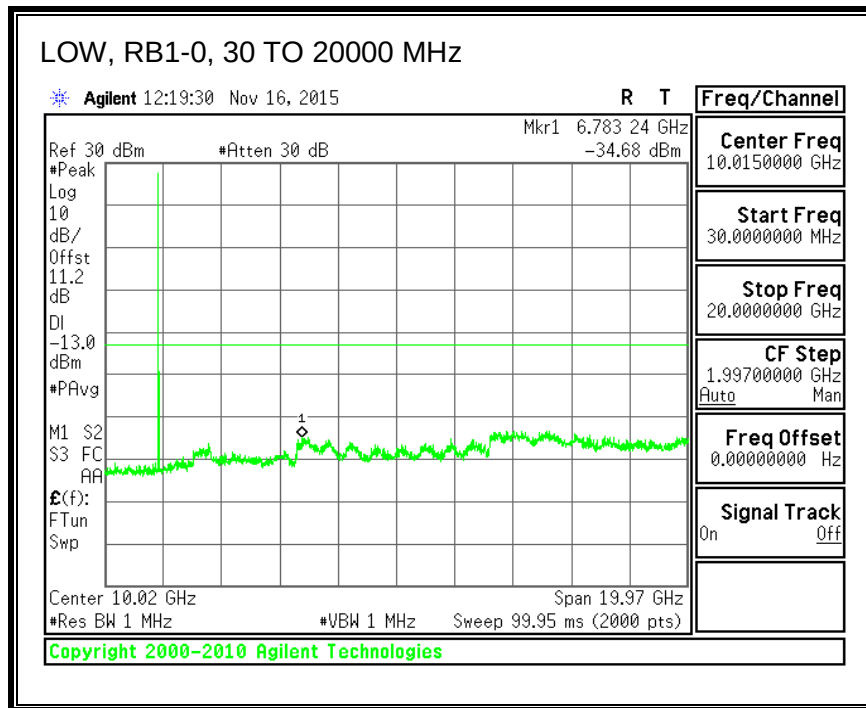


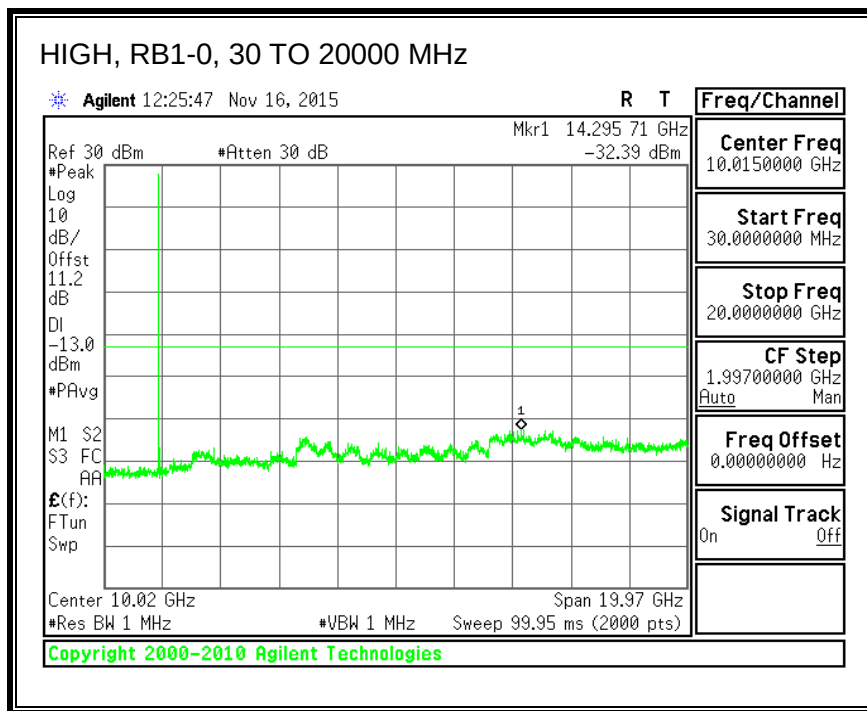
16QAM, (10.0 MHz BAND WIDTH)



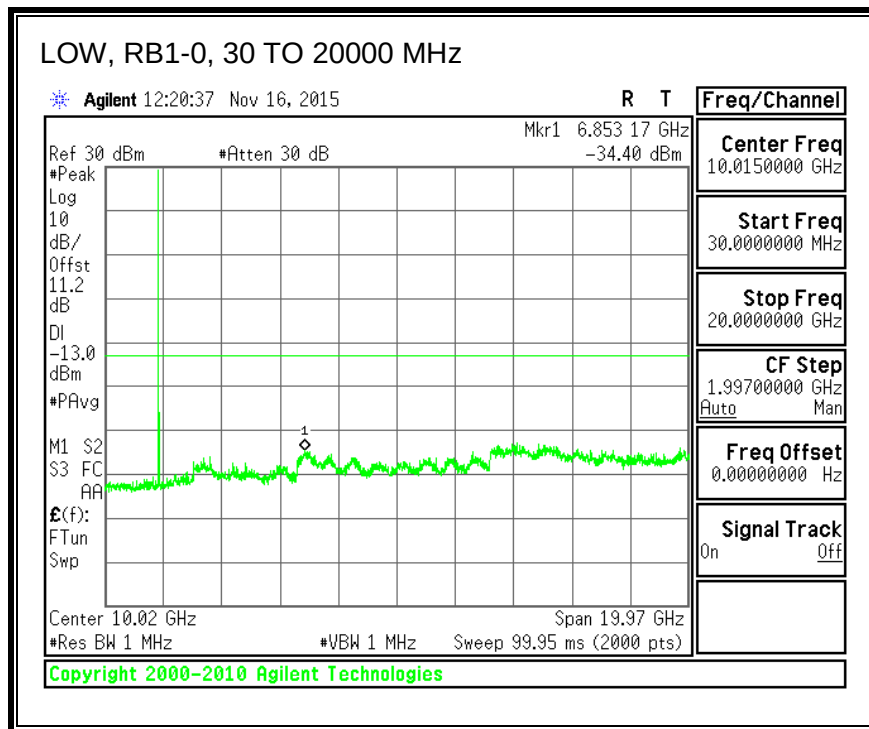


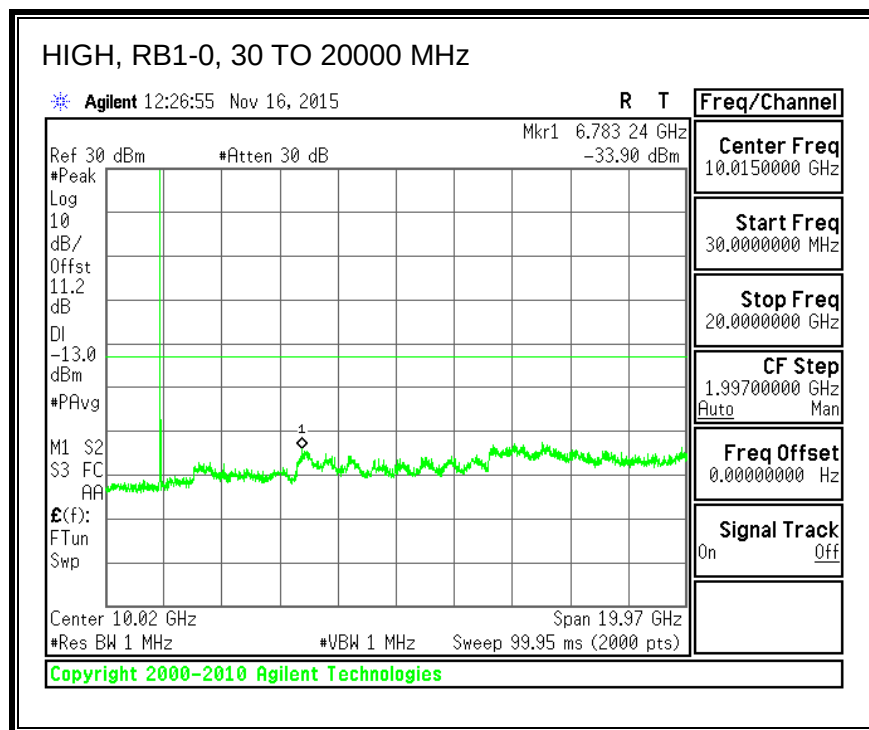
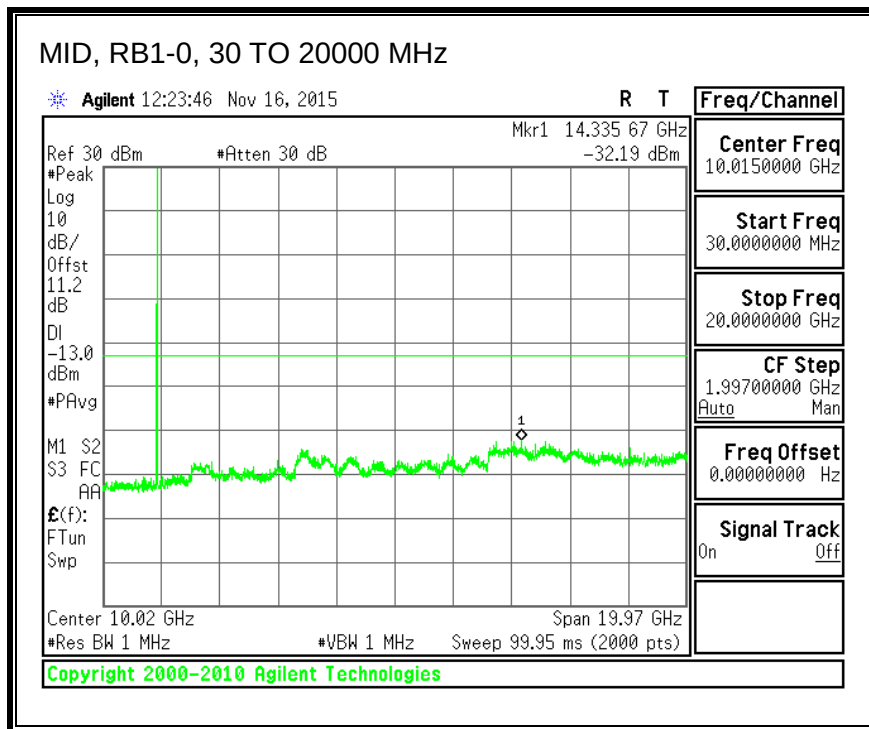
QPSK, (15.0 MHz BAND WIDTH)



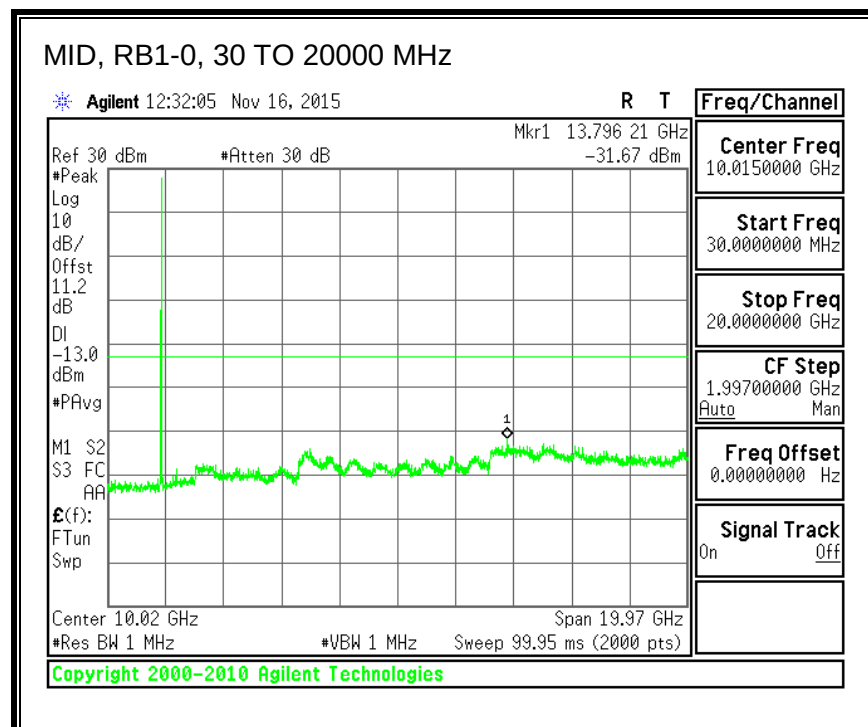
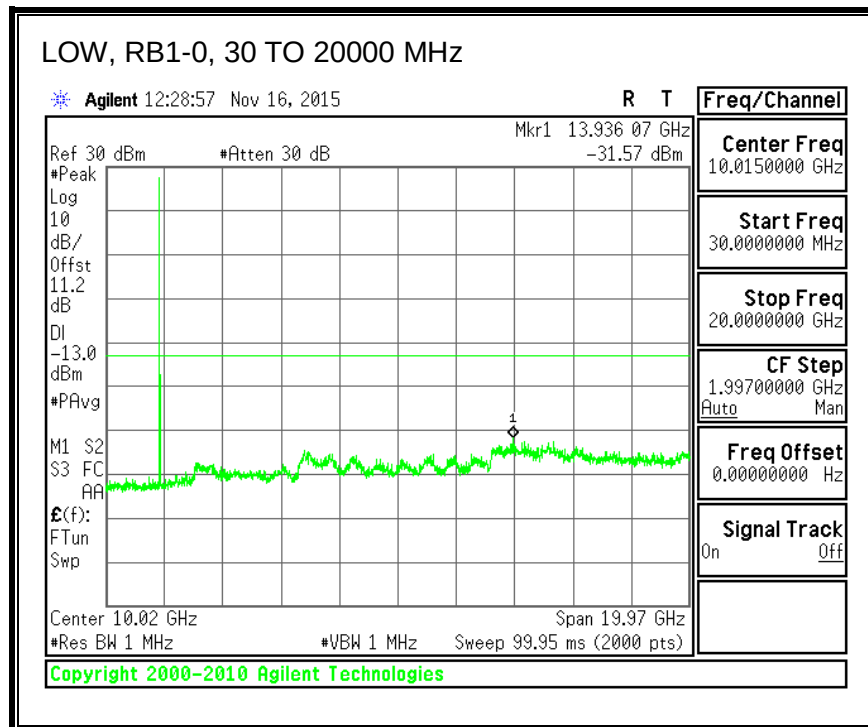


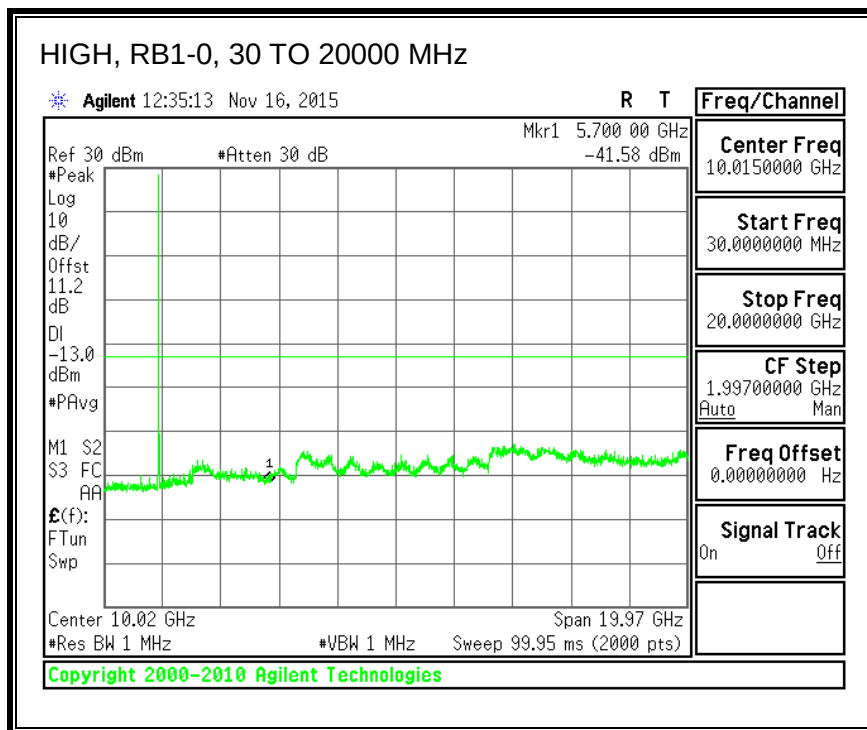
16QAM, (15.0 MHz BAND WIDTH)



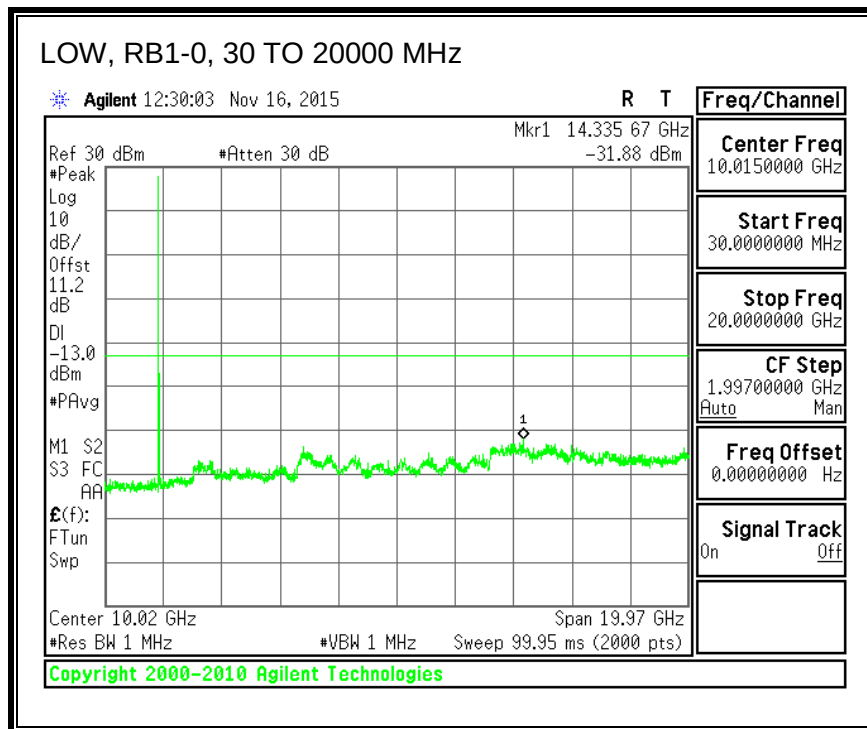


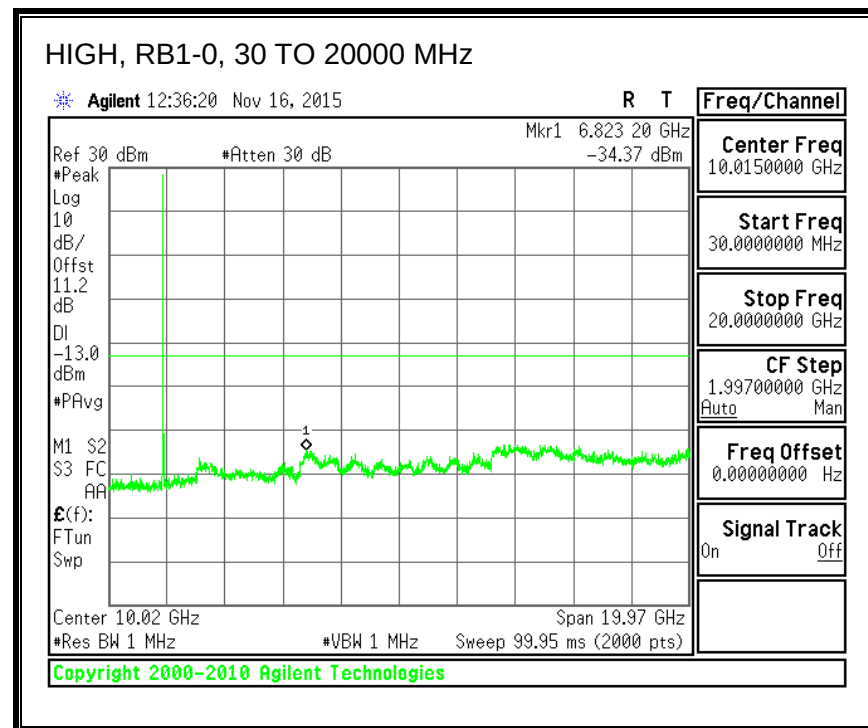
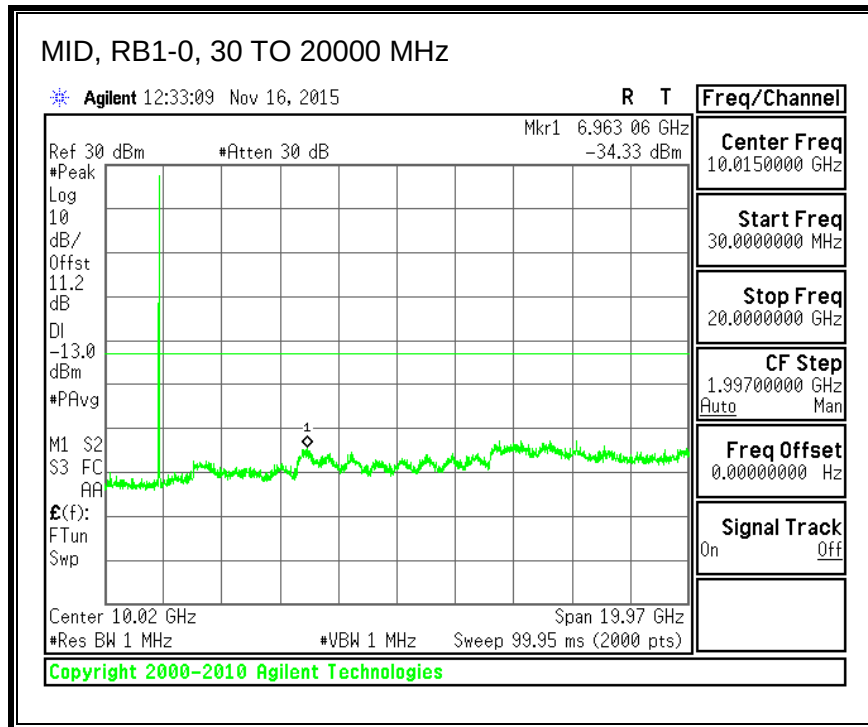
QPSK, (20.0 MHz BAND WIDTH)





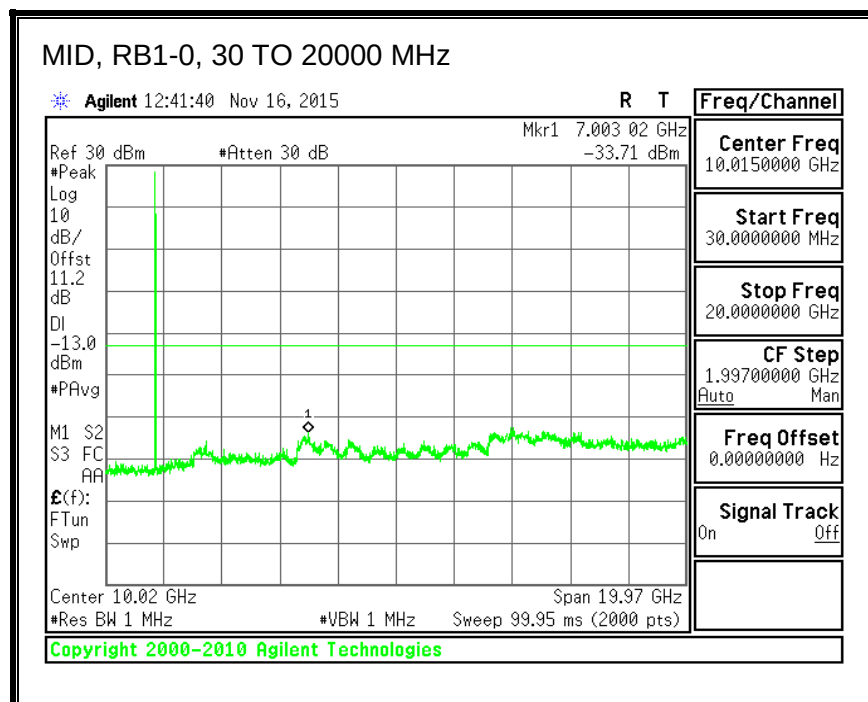
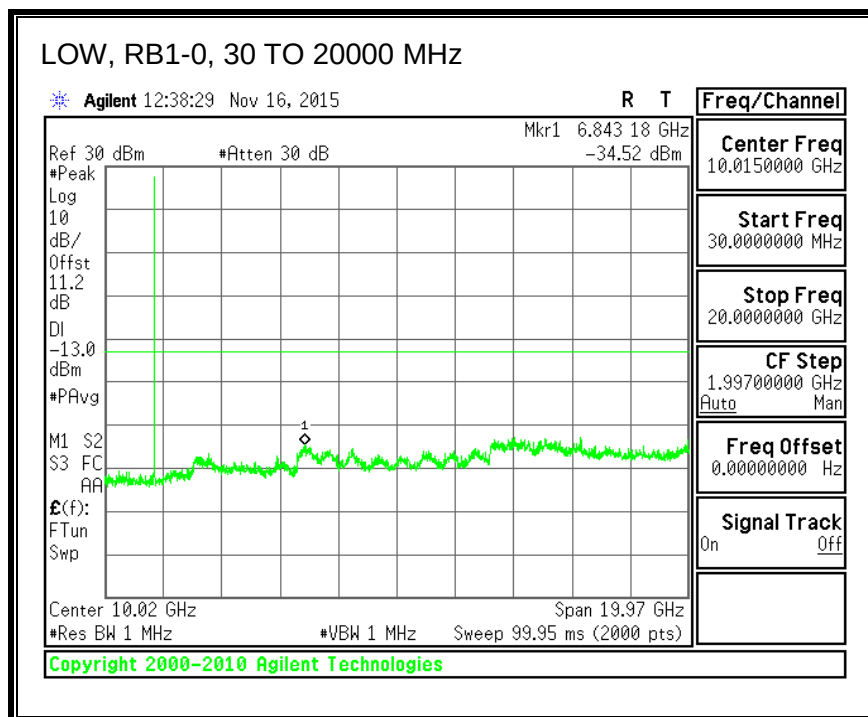
16QAM, (20.0 MHz BAND WIDTH)

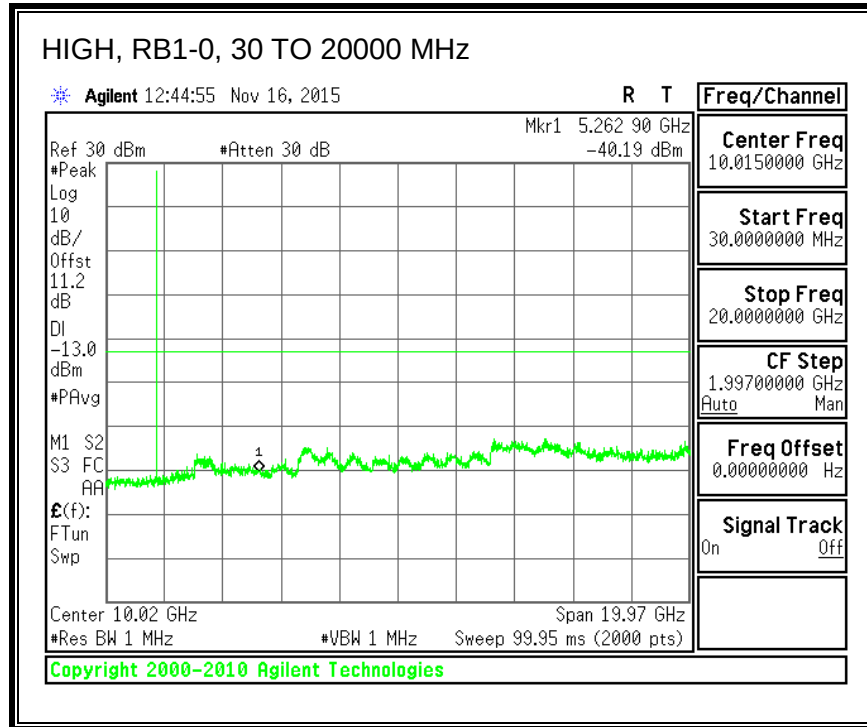




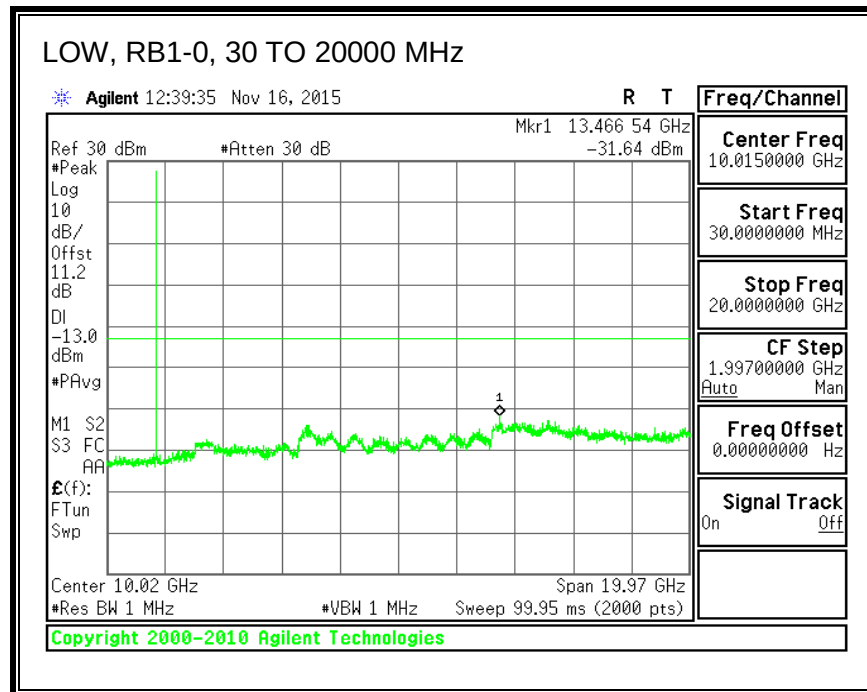
8.3.2. LTE BAND 4

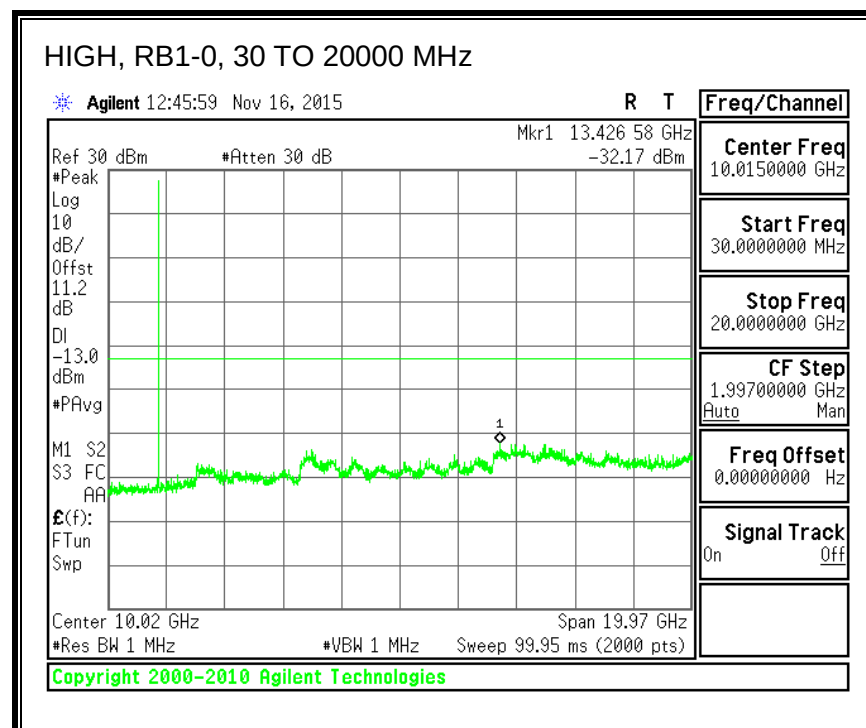
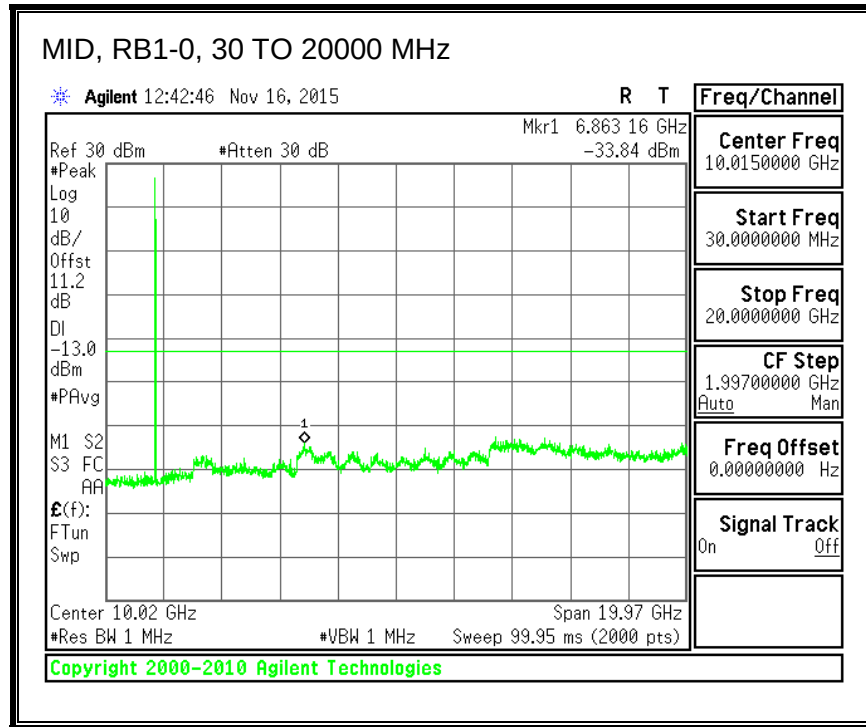
QPSK, (1.4 MHz BAND WIDTH)



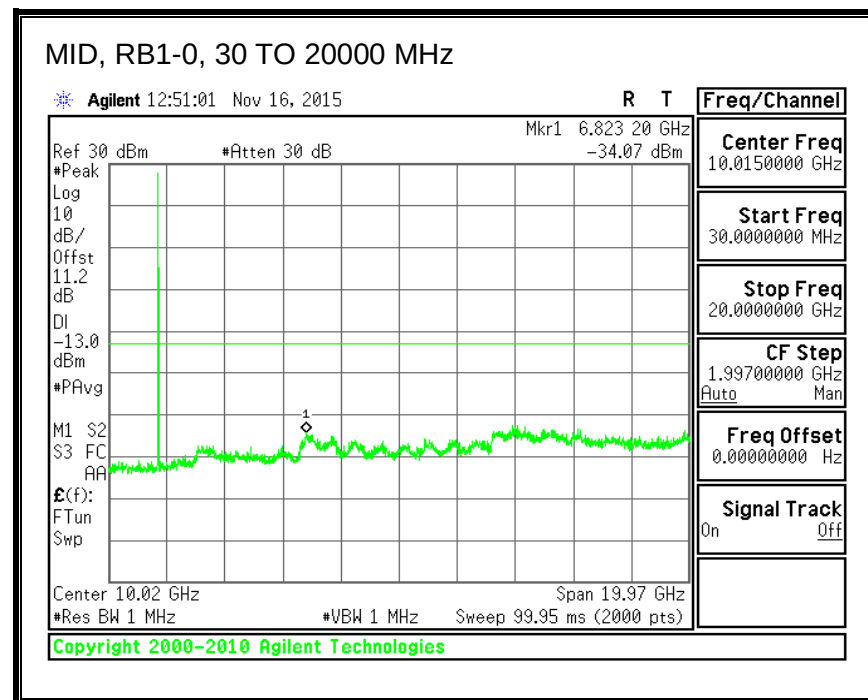
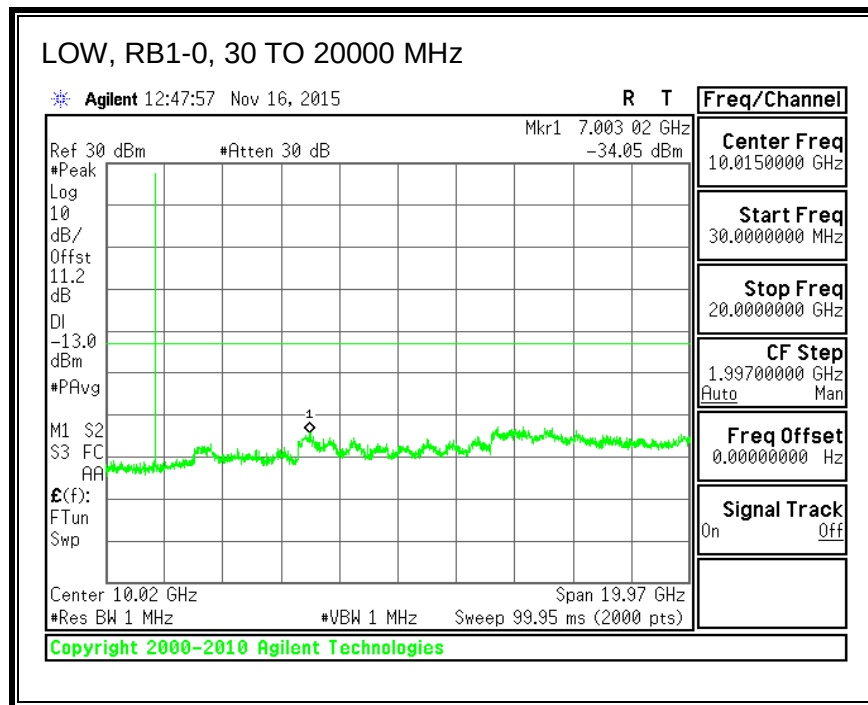


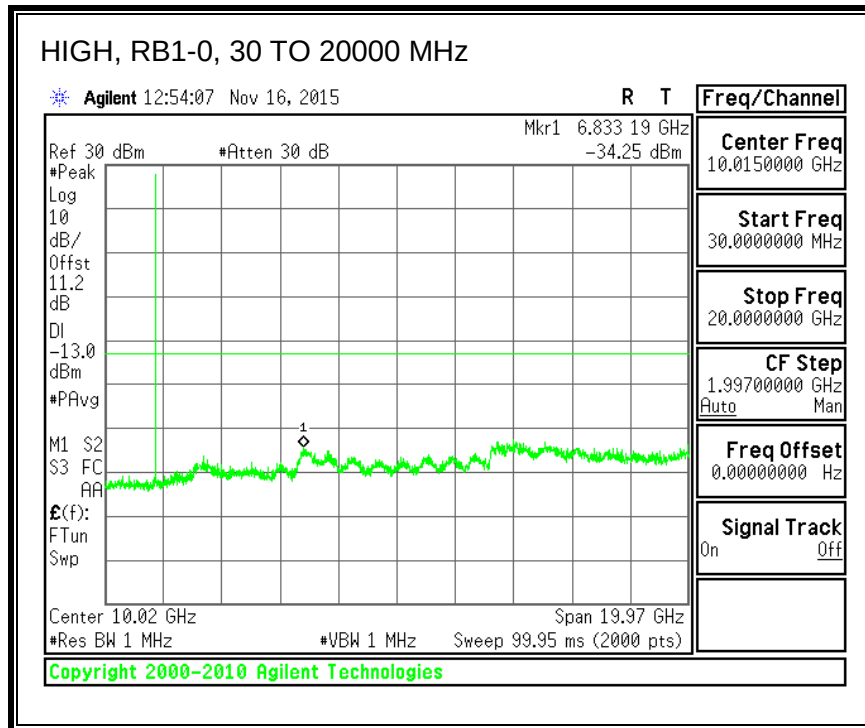
16QAM, (1.4 MHz BAND WIDTH)



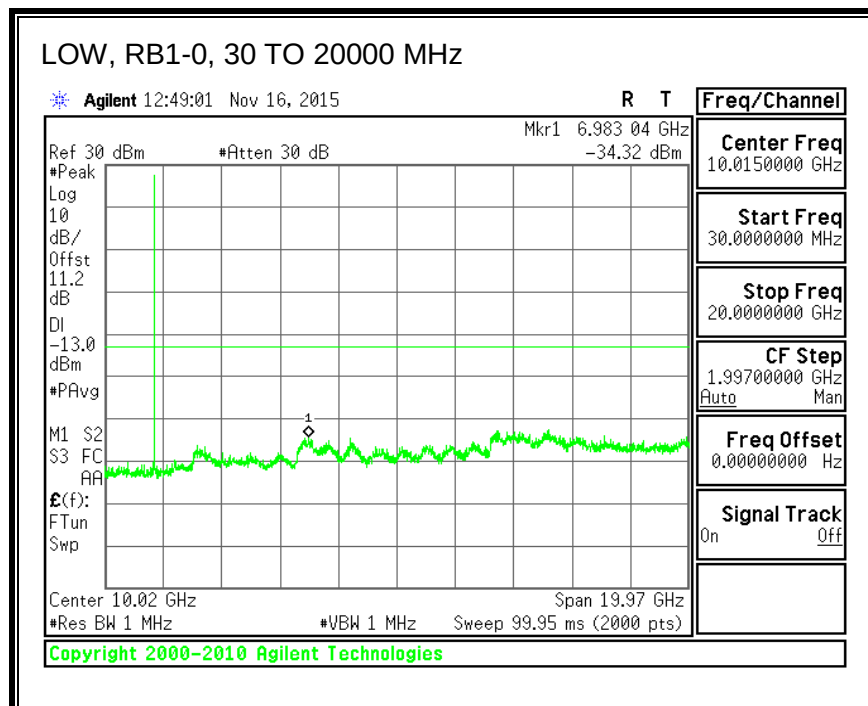


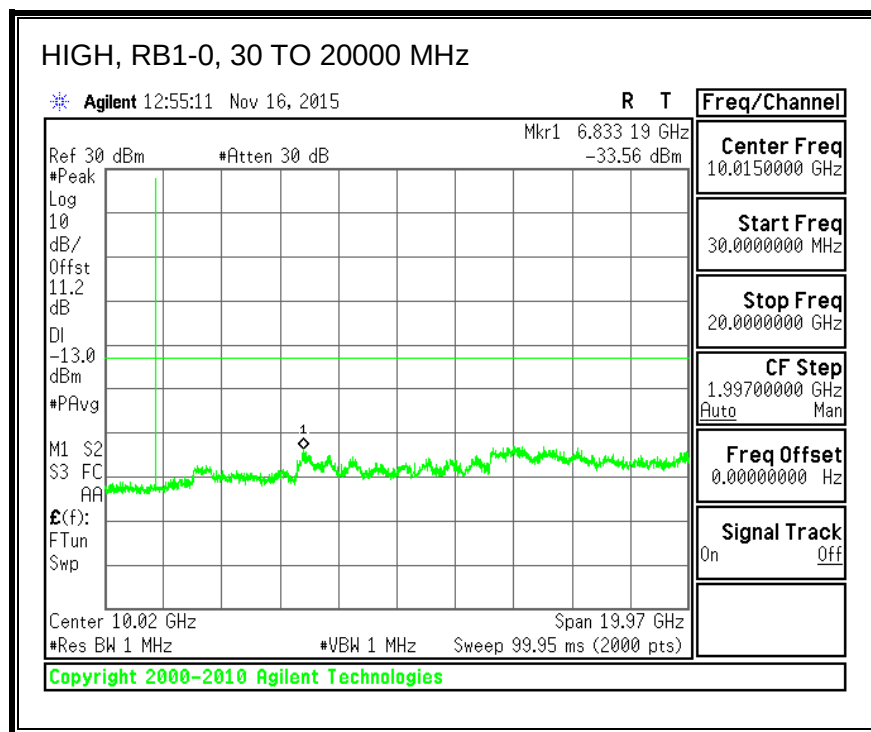
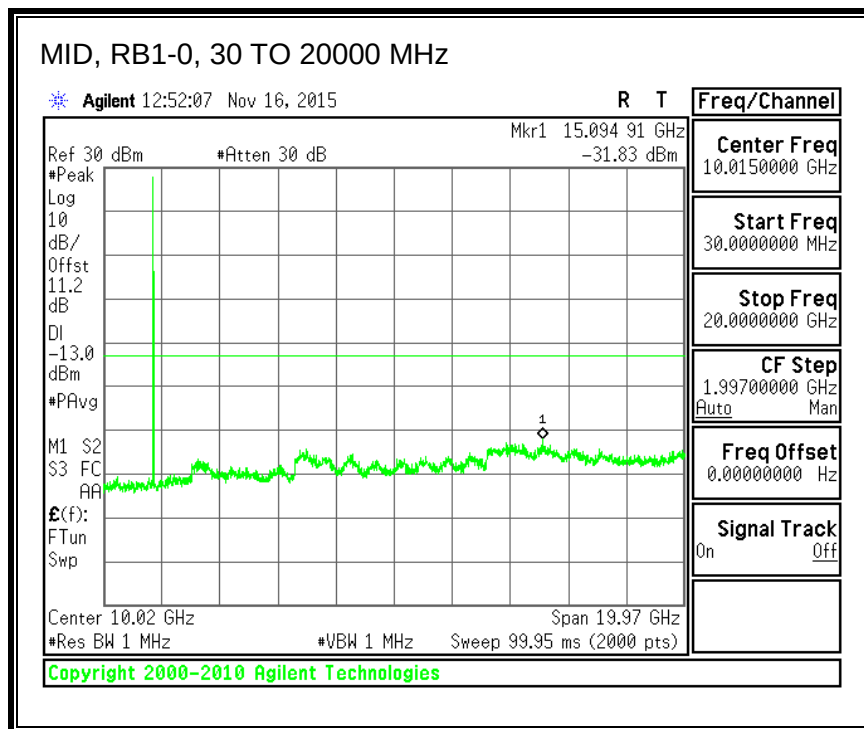
QPSK, (3.0 MHz BAND WIDTH)



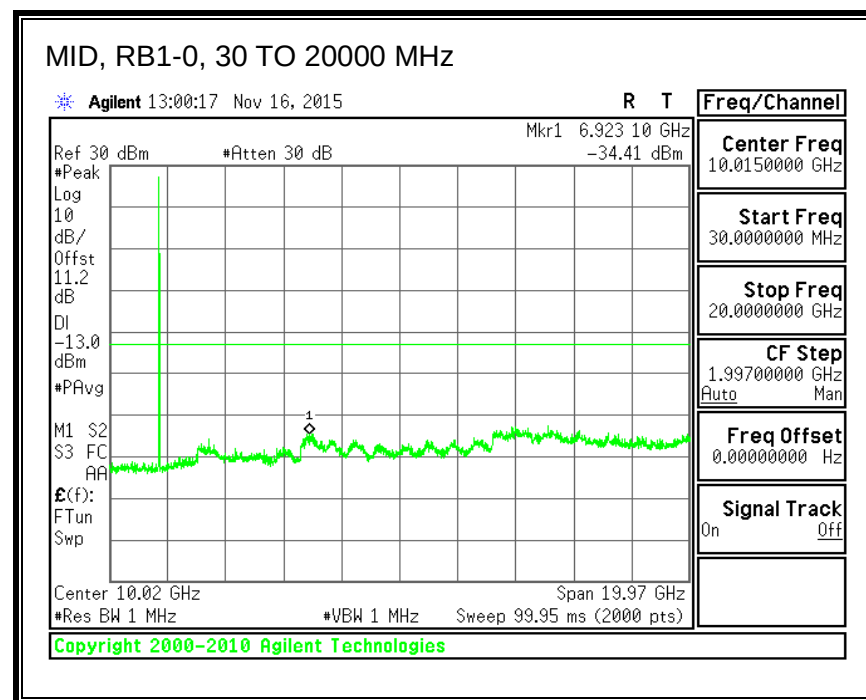
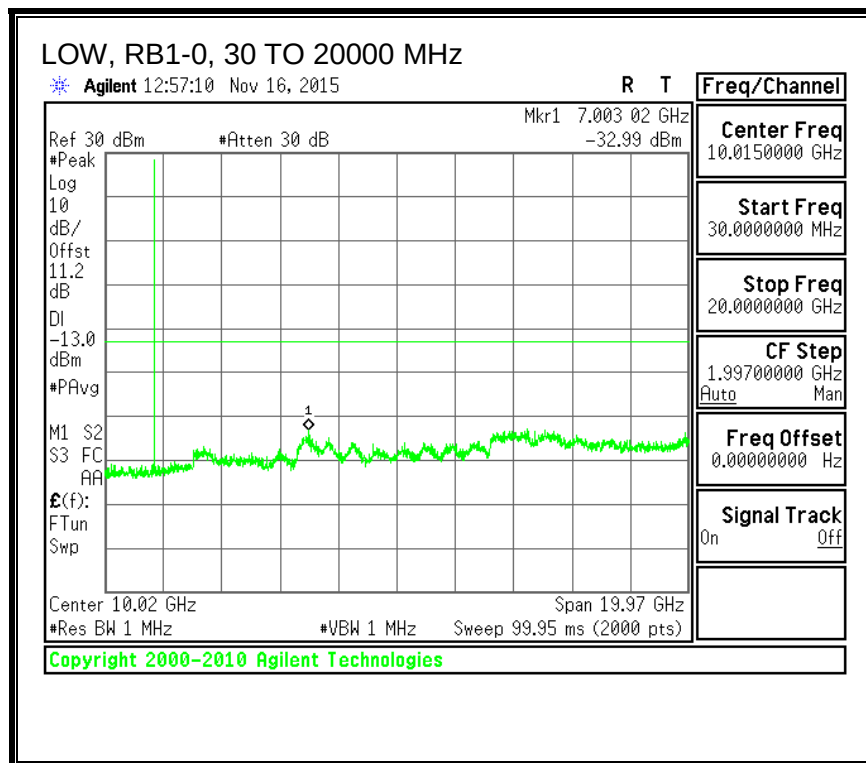


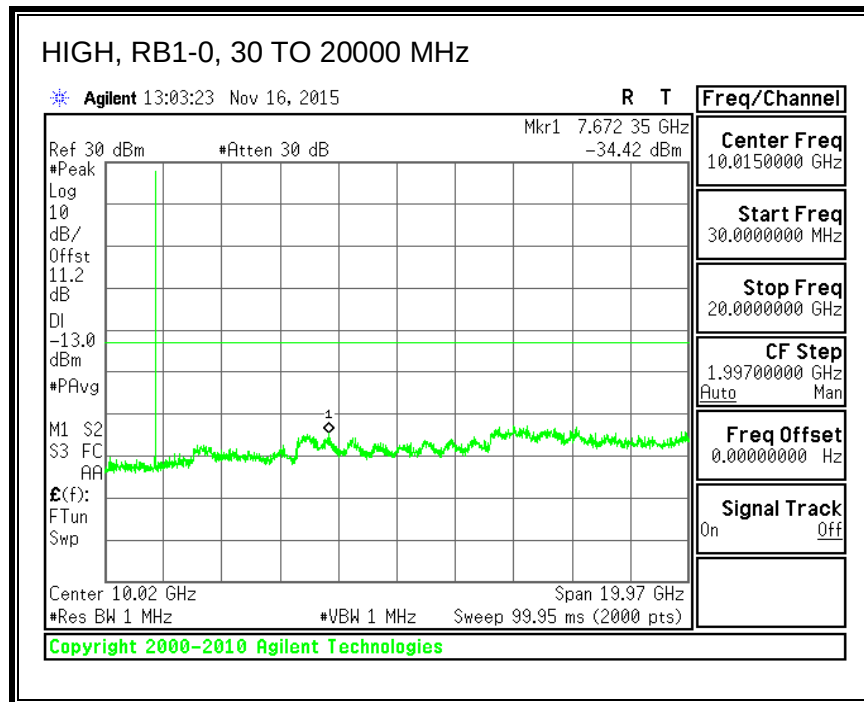
16QAM, (3.0 MHz BAND WIDTH)



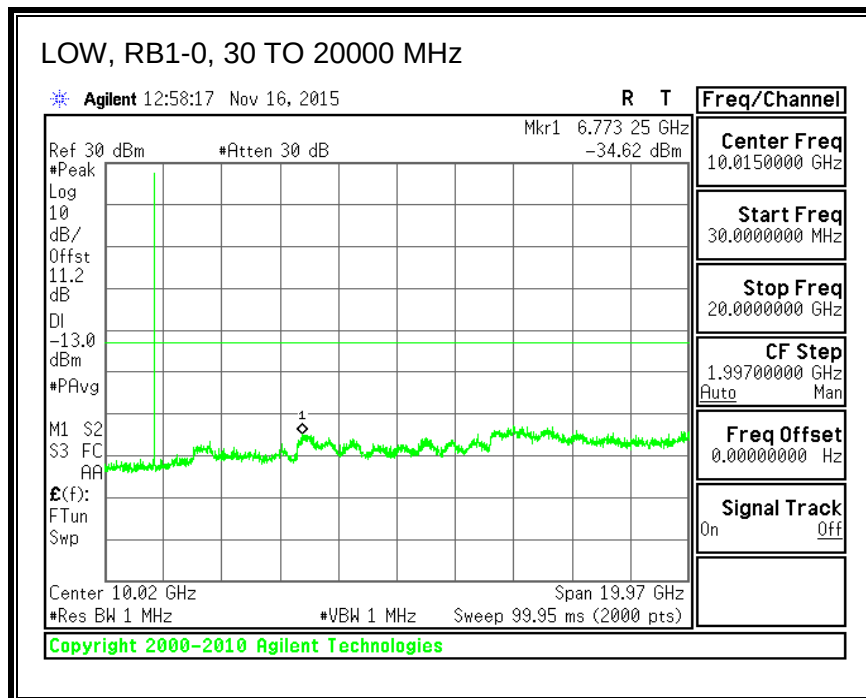


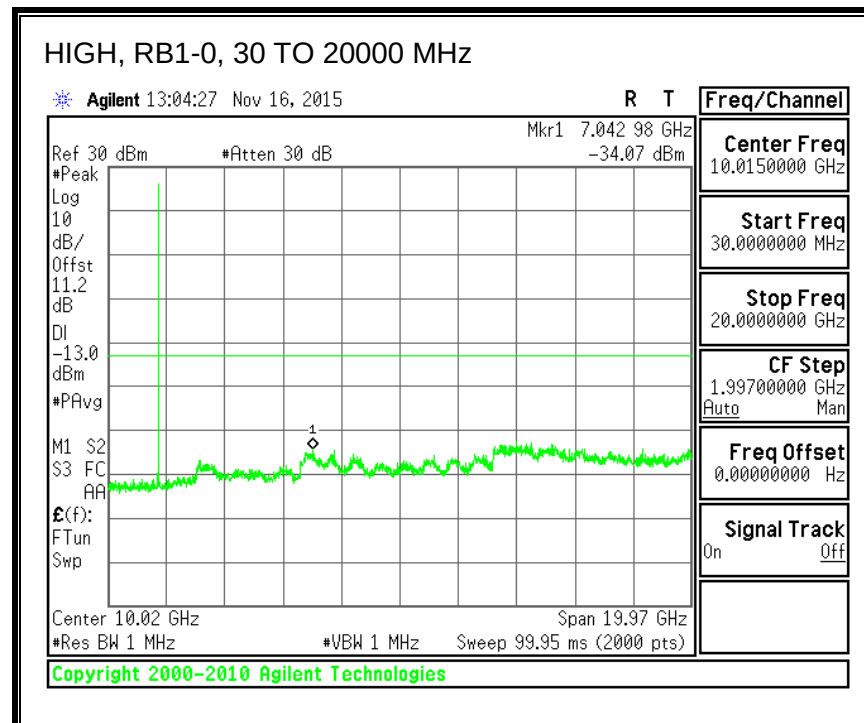
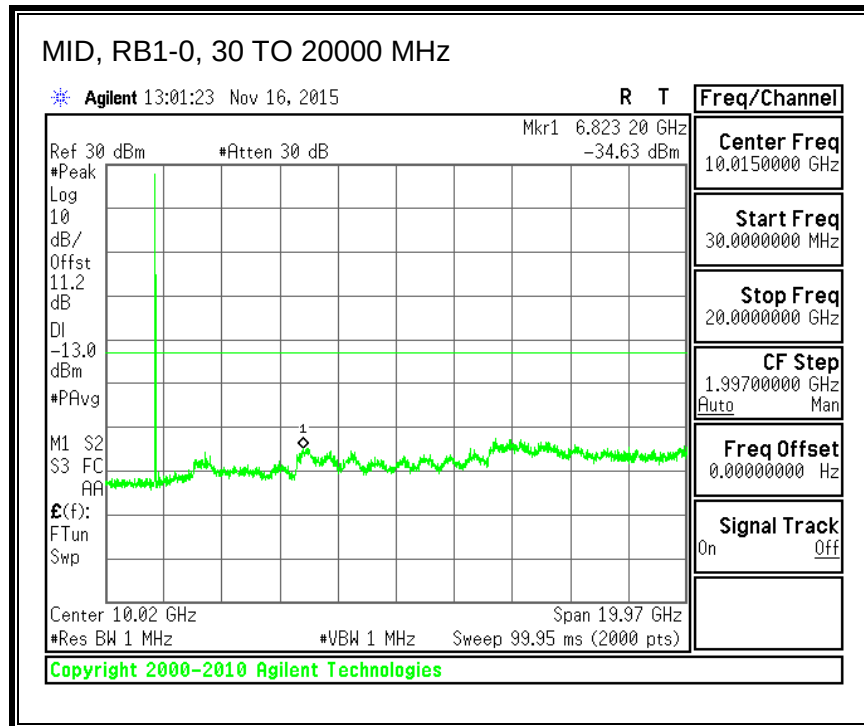
QPSK, (5.0 MHz BAND WIDTH)



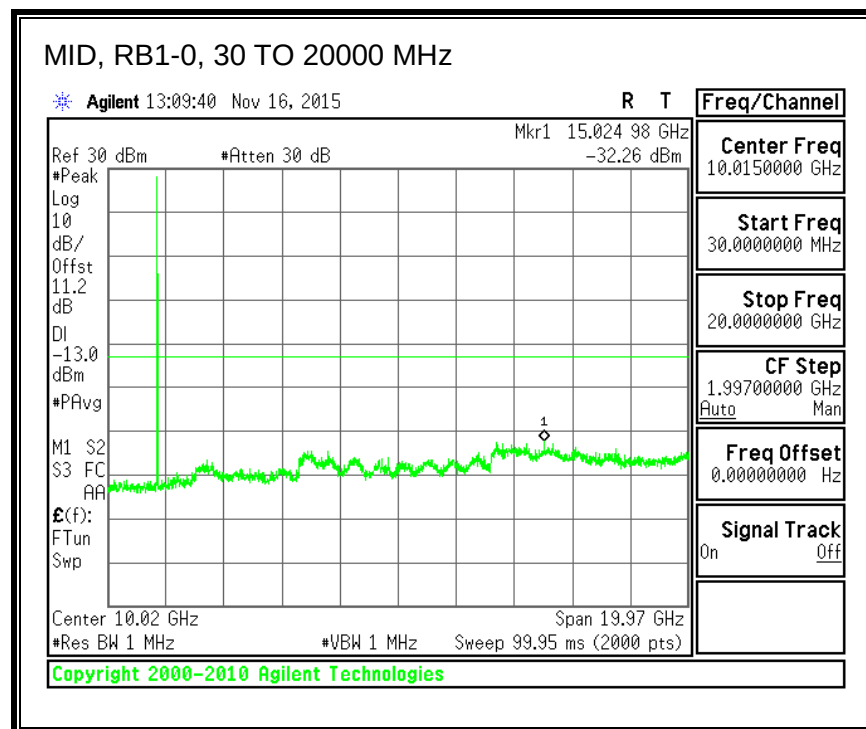
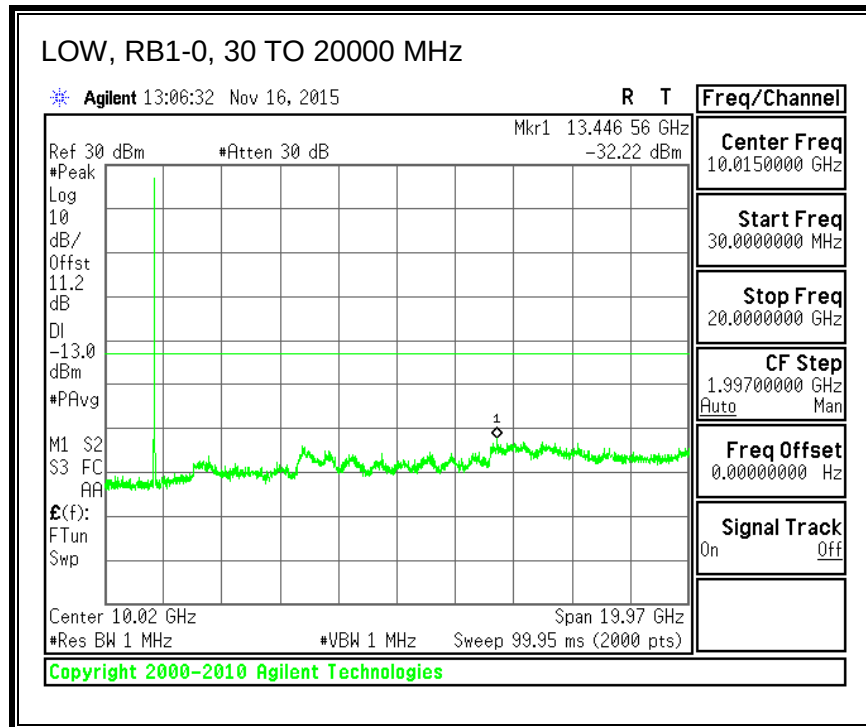


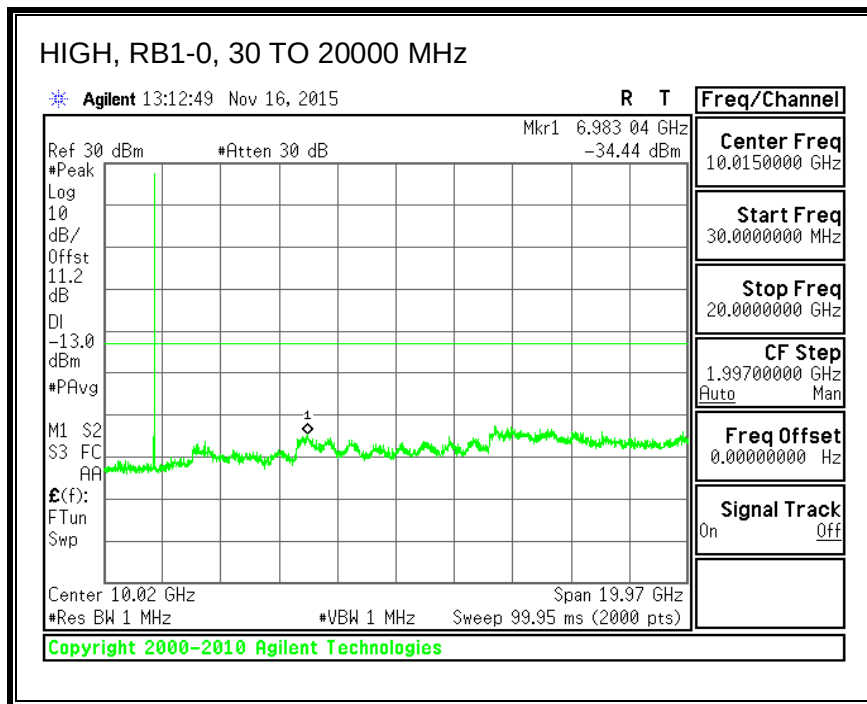
16QAM, (5.0 MHz BAND WIDTH)



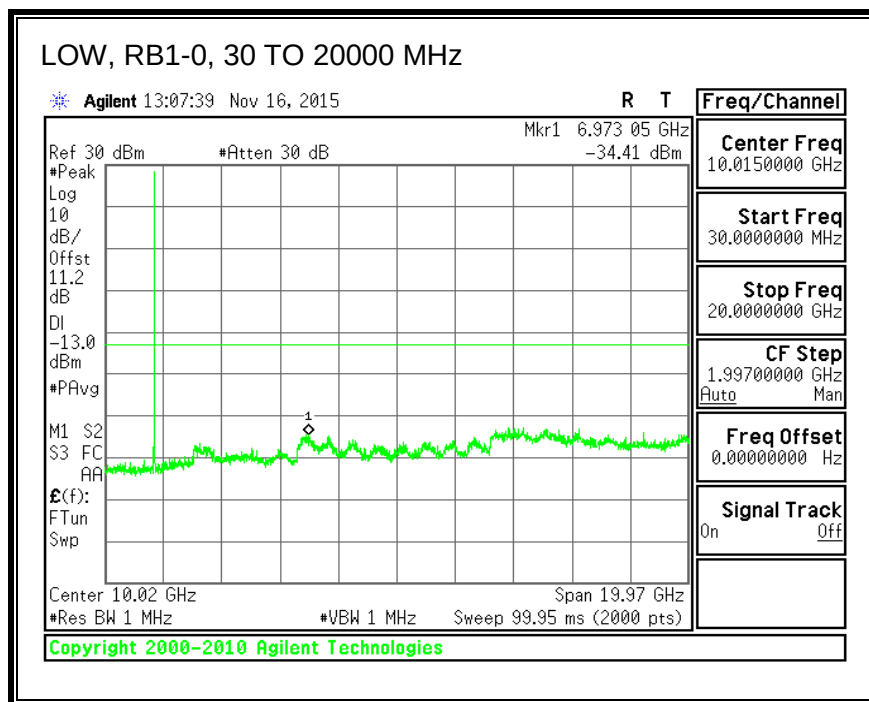


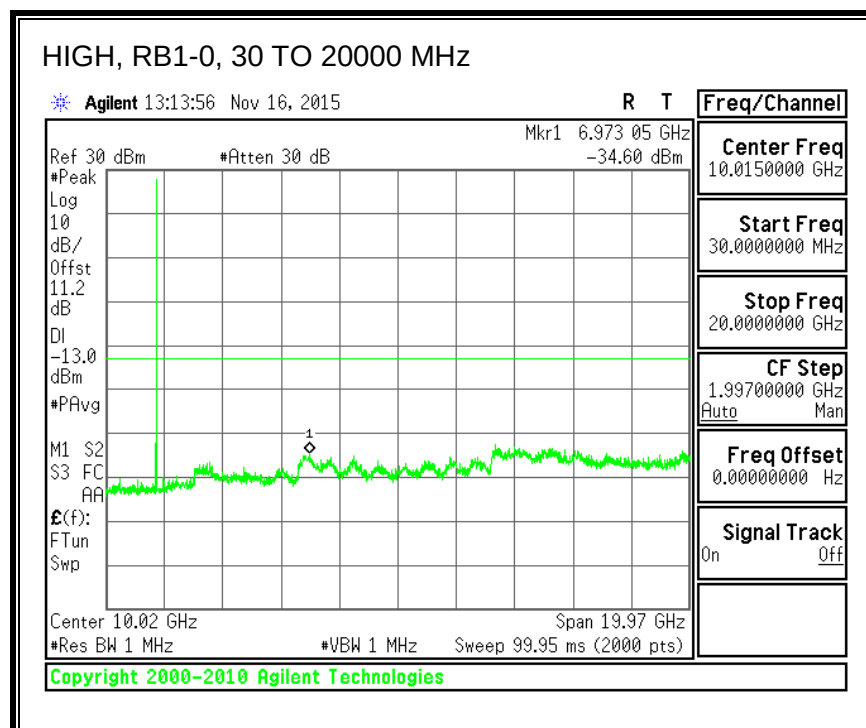
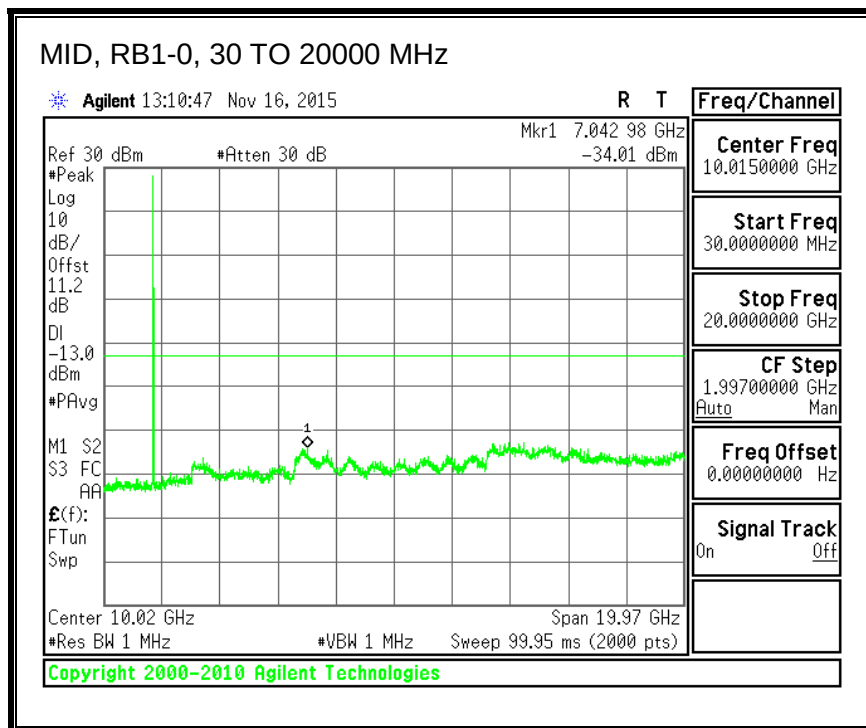
QPSK, (10.0 MHz BAND WIDTH)



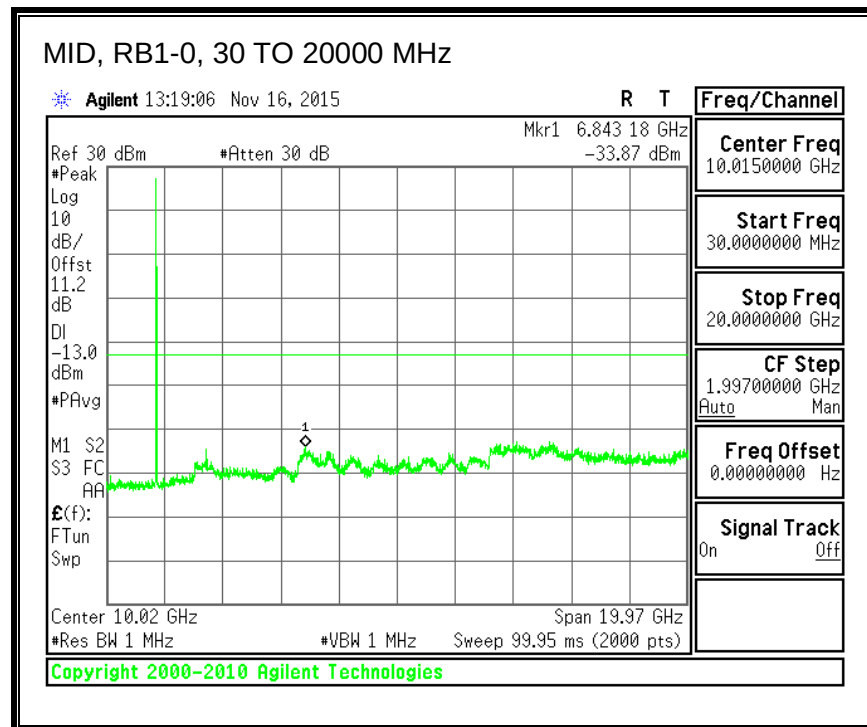
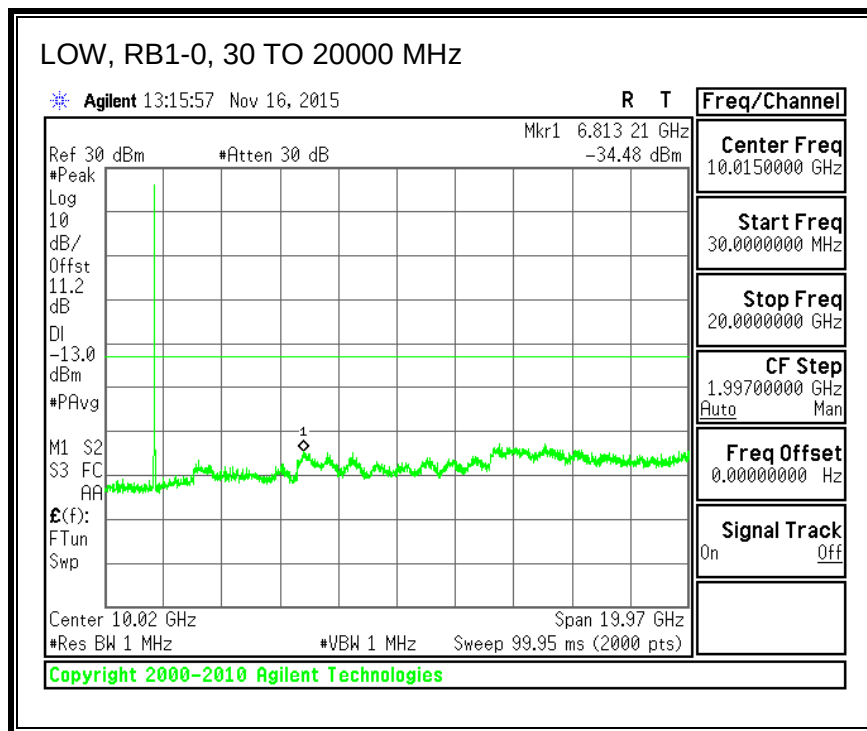


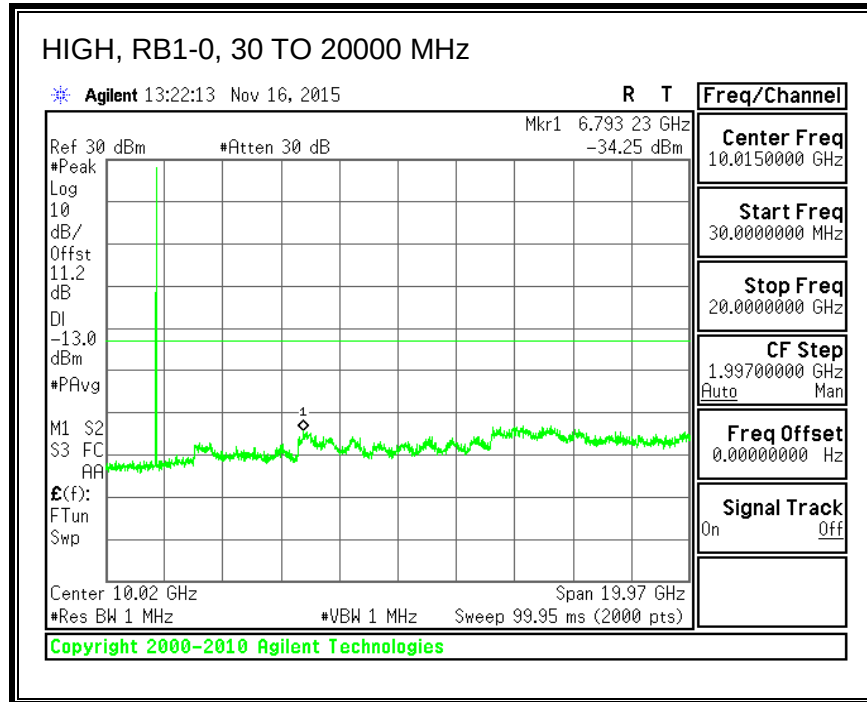
16QAM, (10.0 MHz BAND WIDTH)



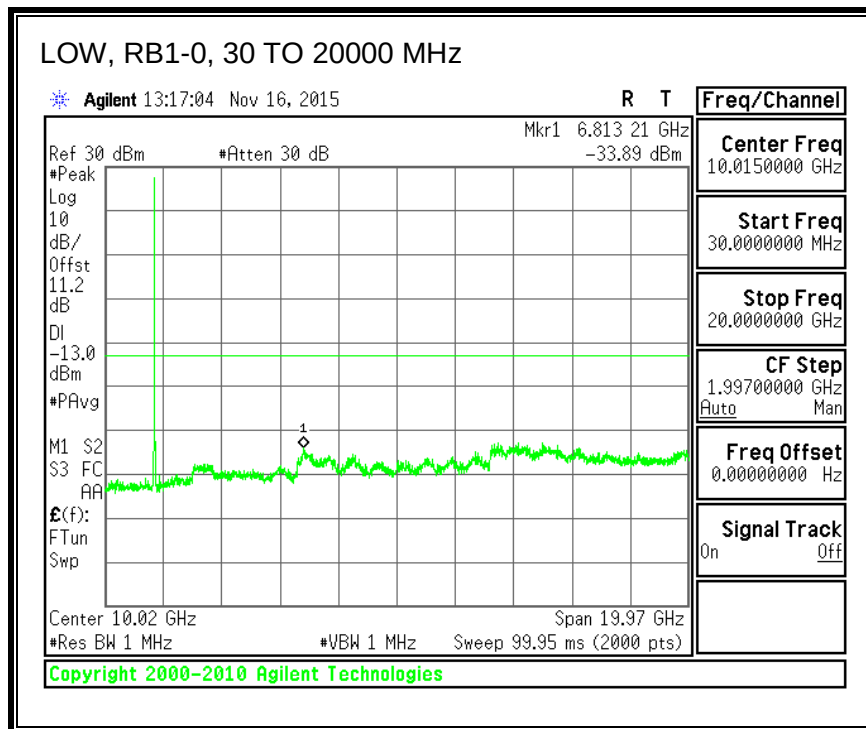


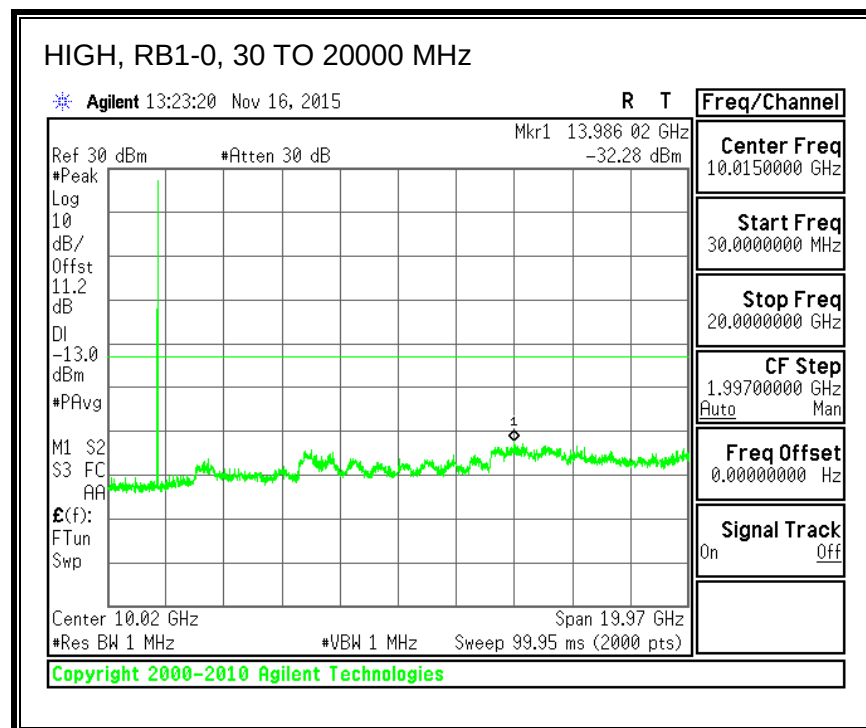
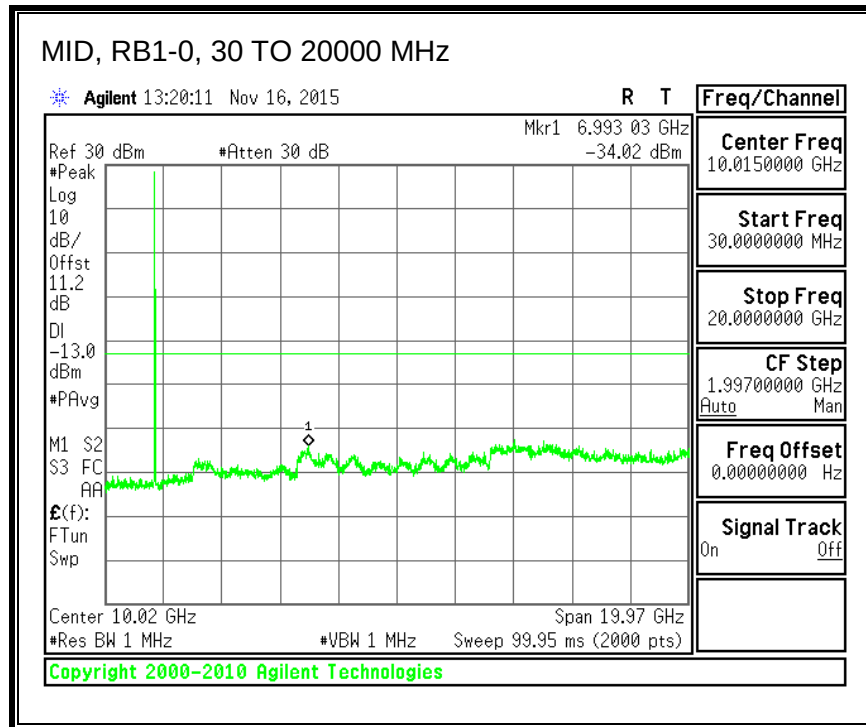
QPSK, (15.0 MHz BAND WIDTH)



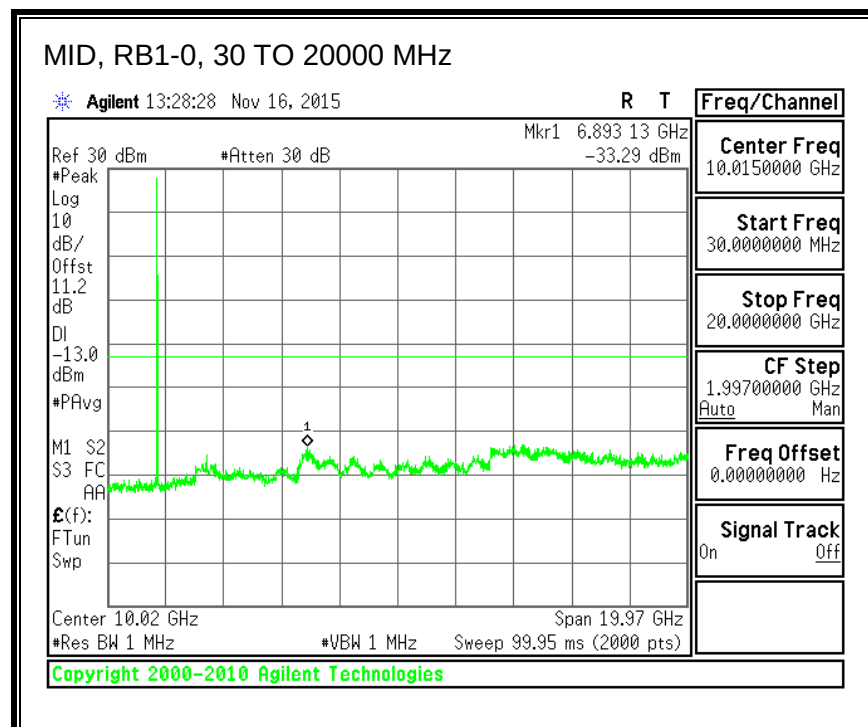
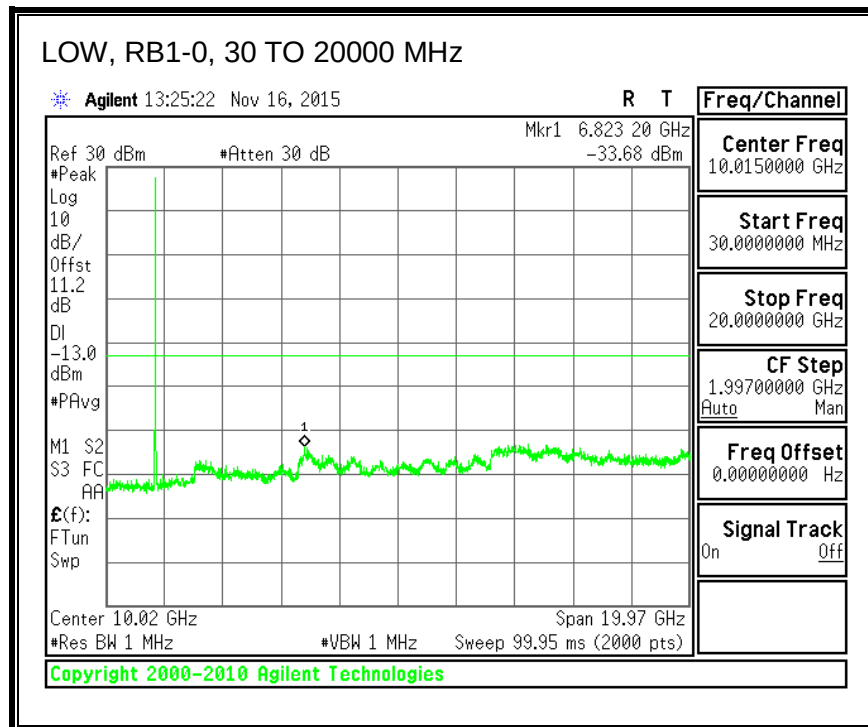


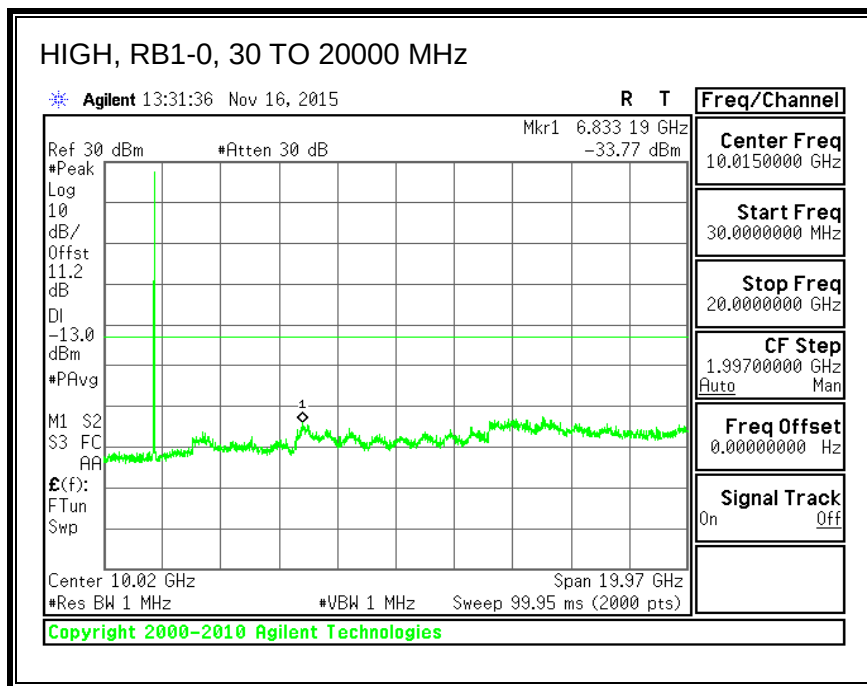
16QAM, (15.0 MHz BAND WIDTH)





QPSK, (20.0 MHz BAND WIDTH)





16QAM, (20.0 MHz BAND WIDTH)

