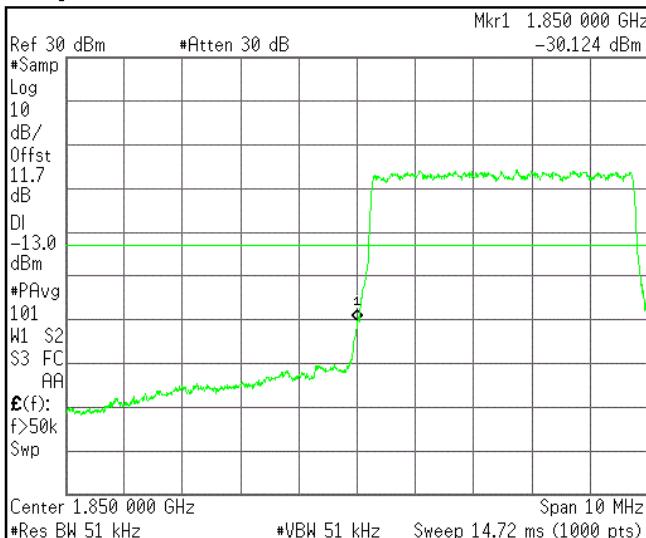


## LOW CH, RB25-0

\* Agilent 02:22:01 May 1, 2015

R T

Freq/Channel



Center Freq 1.8500000 GHz

Start Freq 1.8450000 GHz

Stop Freq 1.8550000 GHz

CF Step 1.0000000 MHz

Auto Man

Freq Offset 0.0000000 Hz

Signal Track On Off

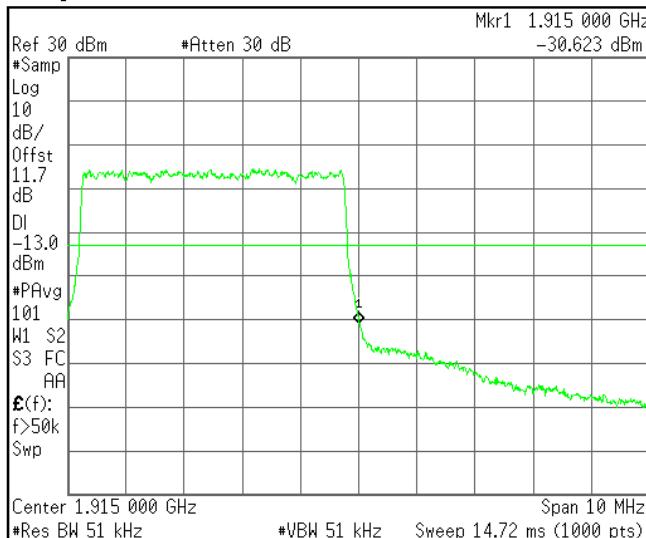
Copyright 2000-2011 Agilent Technologies

## HIGH CH, RB25-0

\* Agilent 02:30:26 May 1, 2015

R T

Freq/Channel



Center Freq 1.9150000 GHz

Start Freq 1.9100000 GHz

Stop Freq 1.9200000 GHz

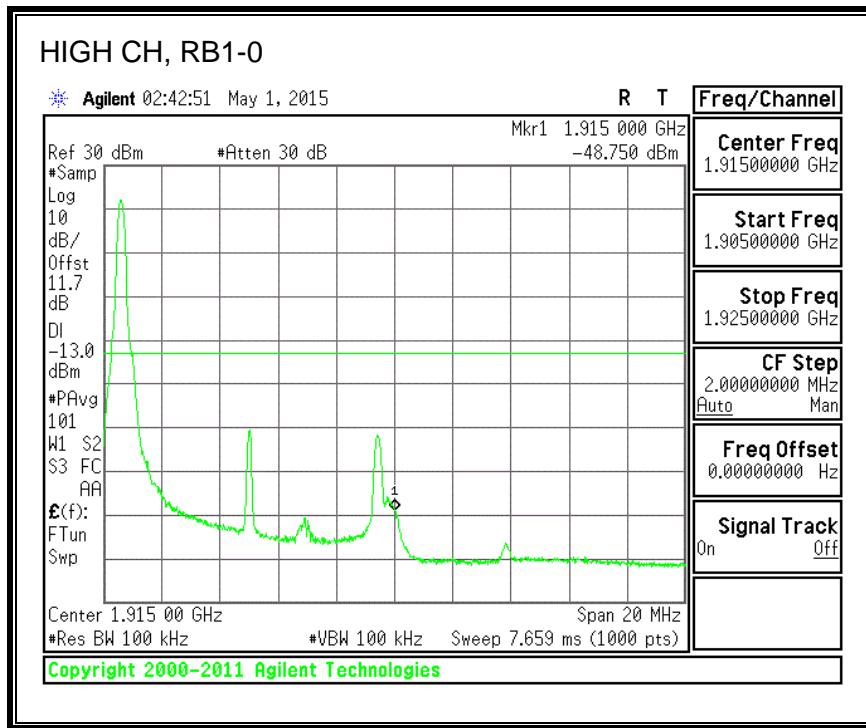
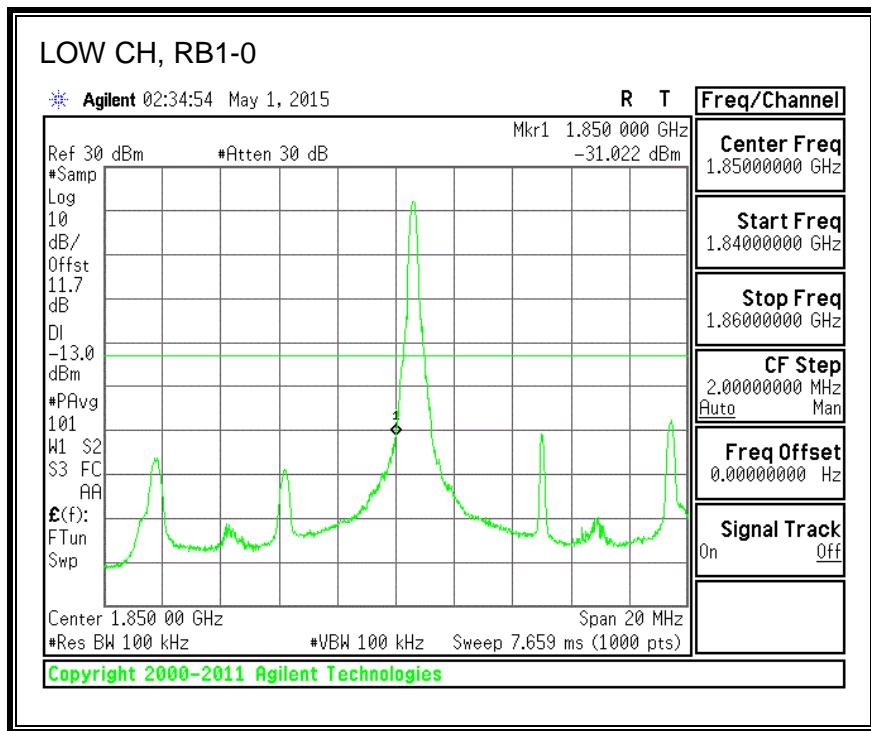
CF Step 1.0000000 MHz

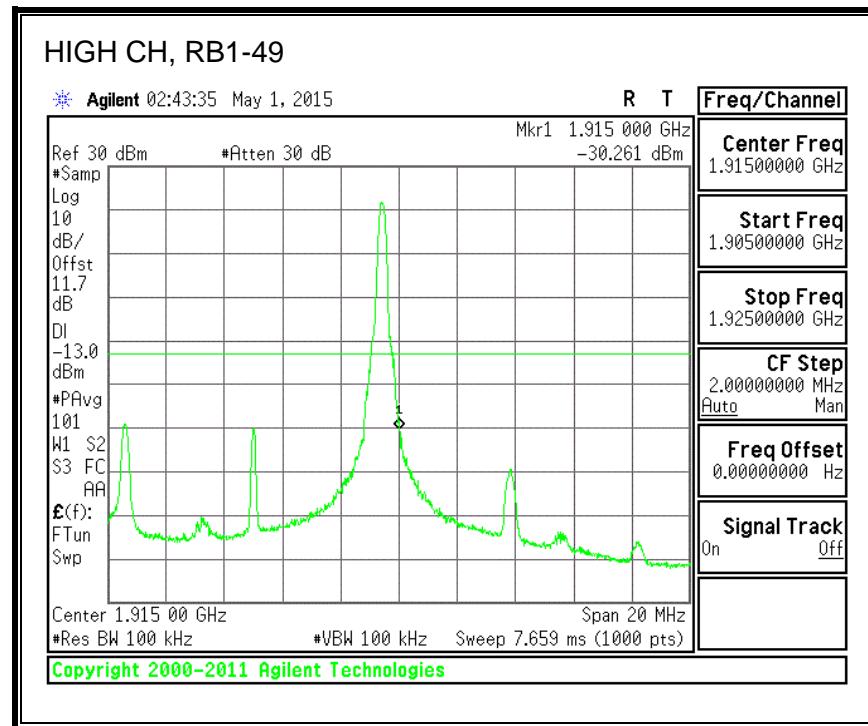
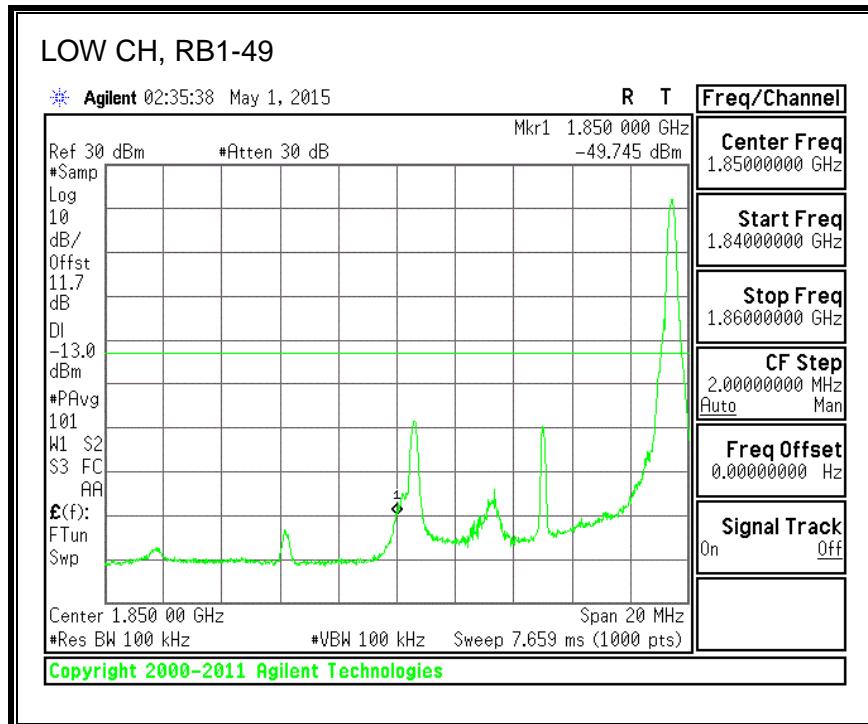
Auto Man

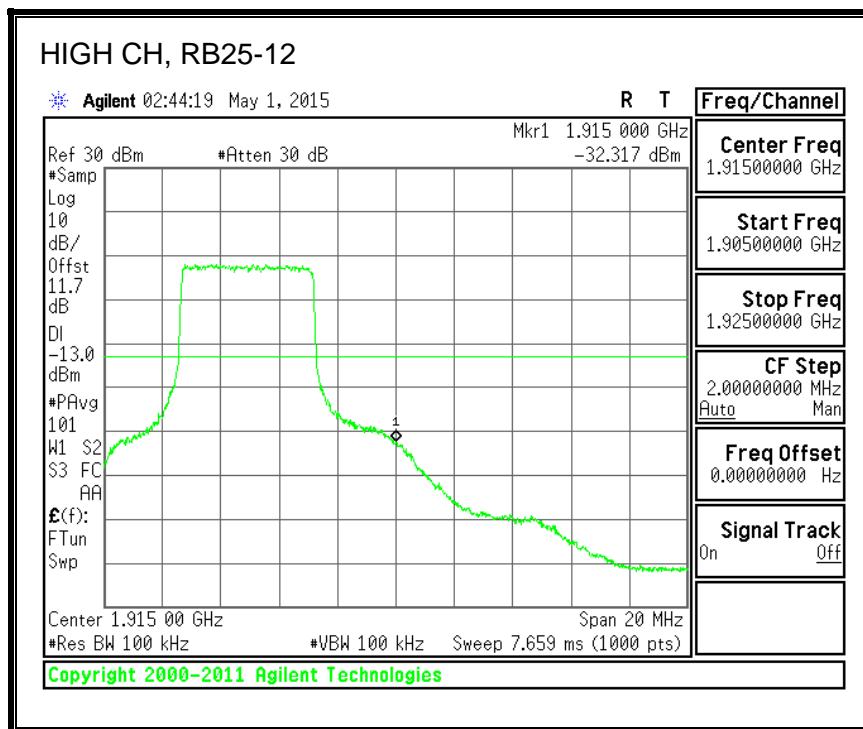
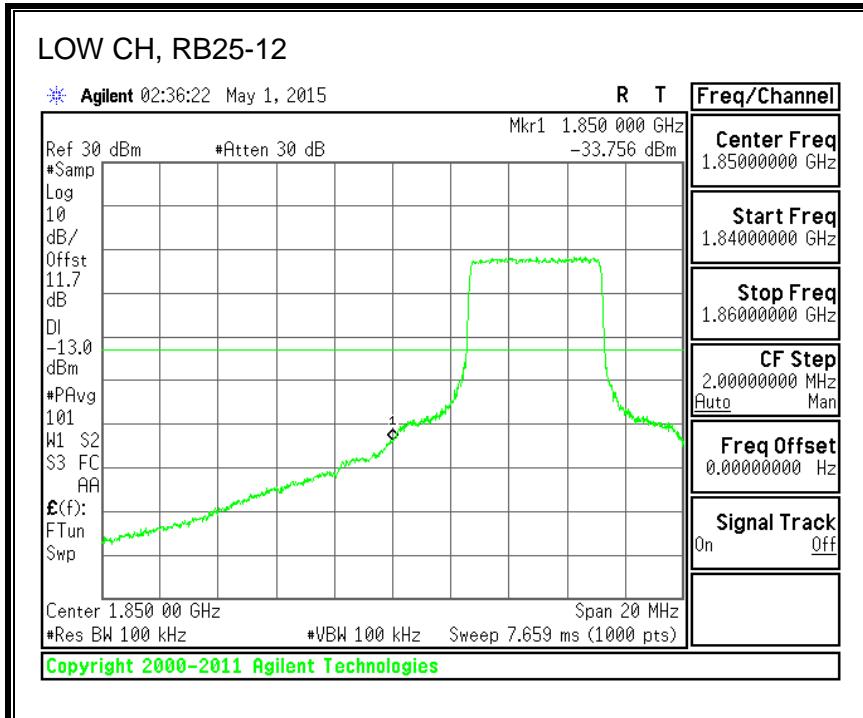
Freq Offset 0.0000000 Hz

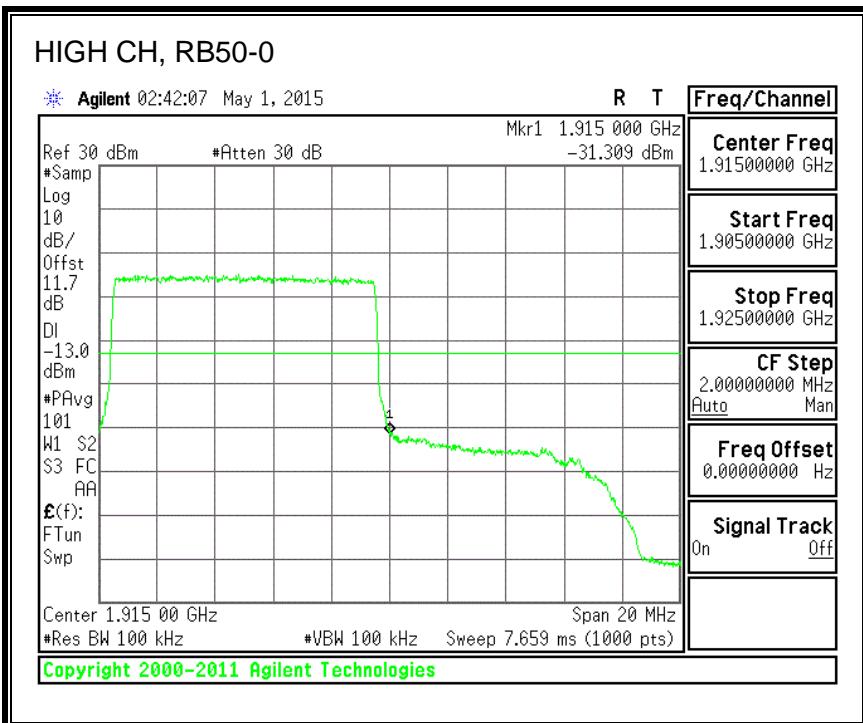
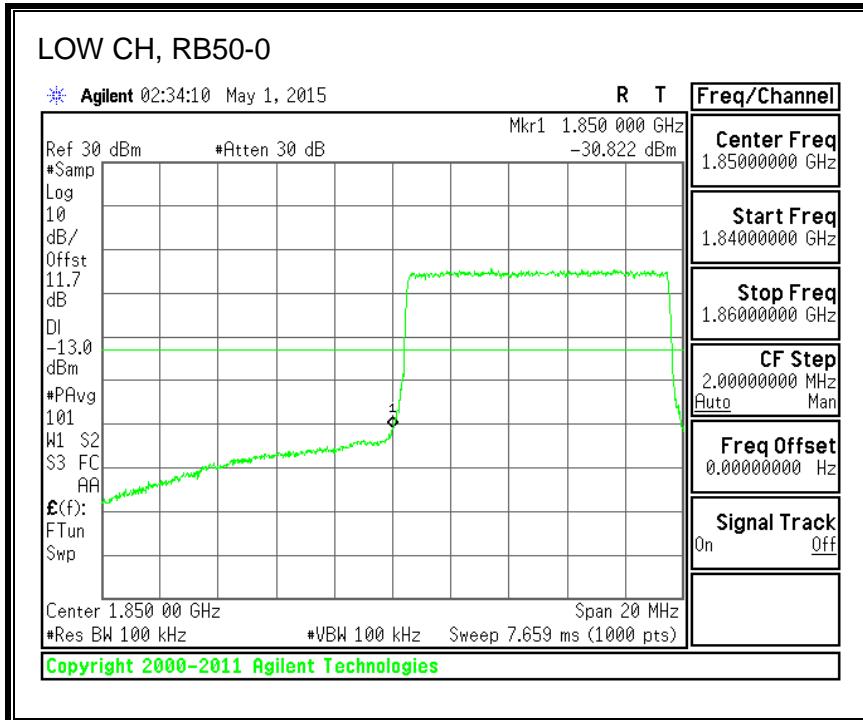
Signal Track On Off

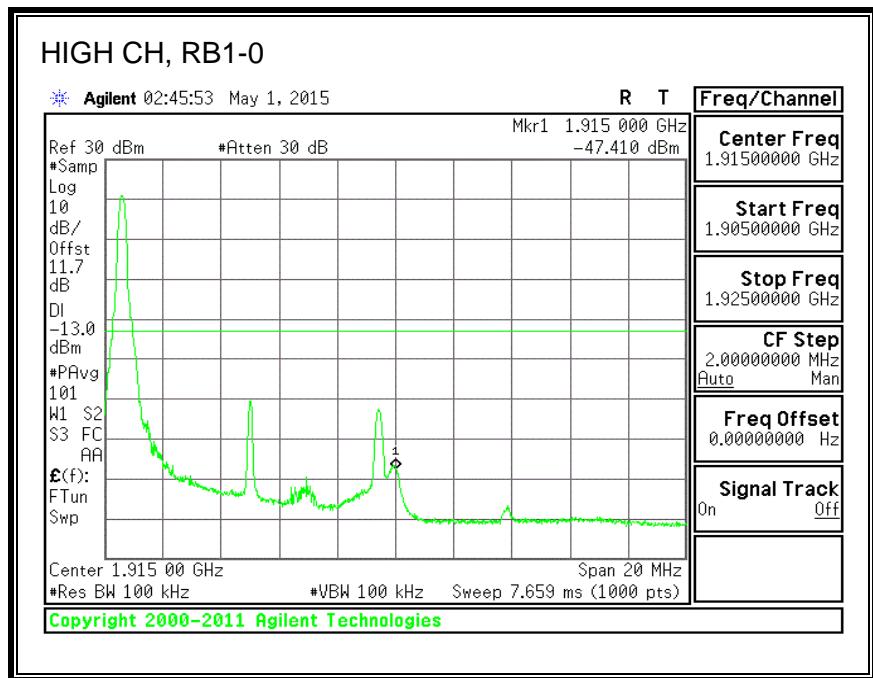
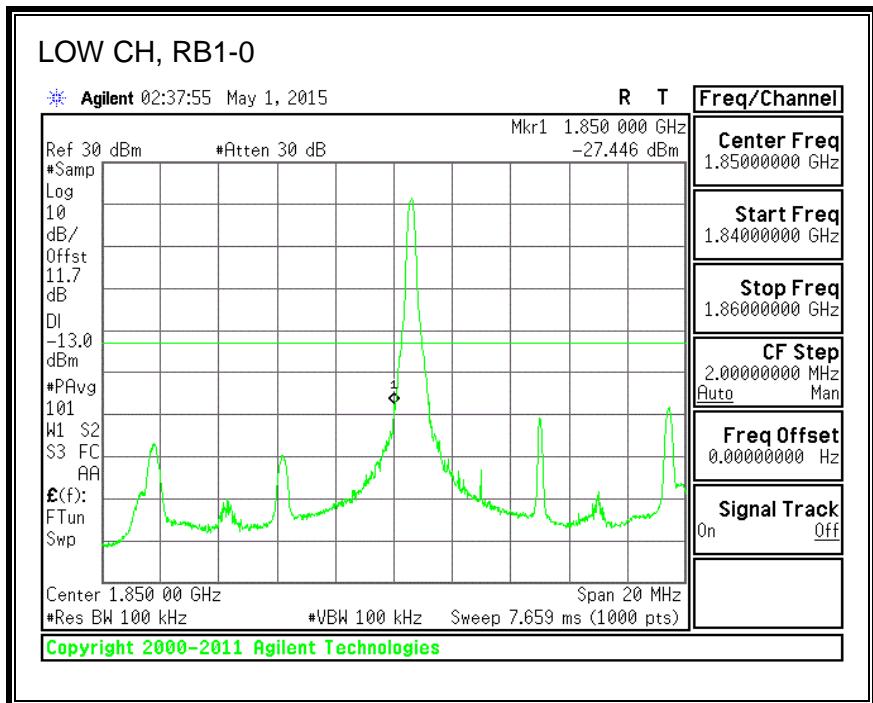
Copyright 2000-2011 Agilent Technologies

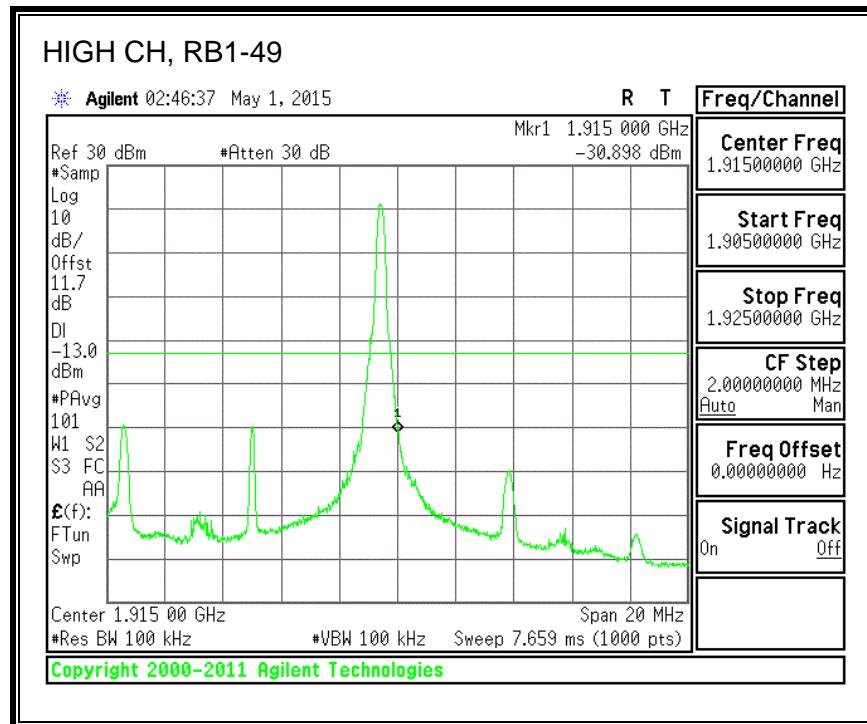
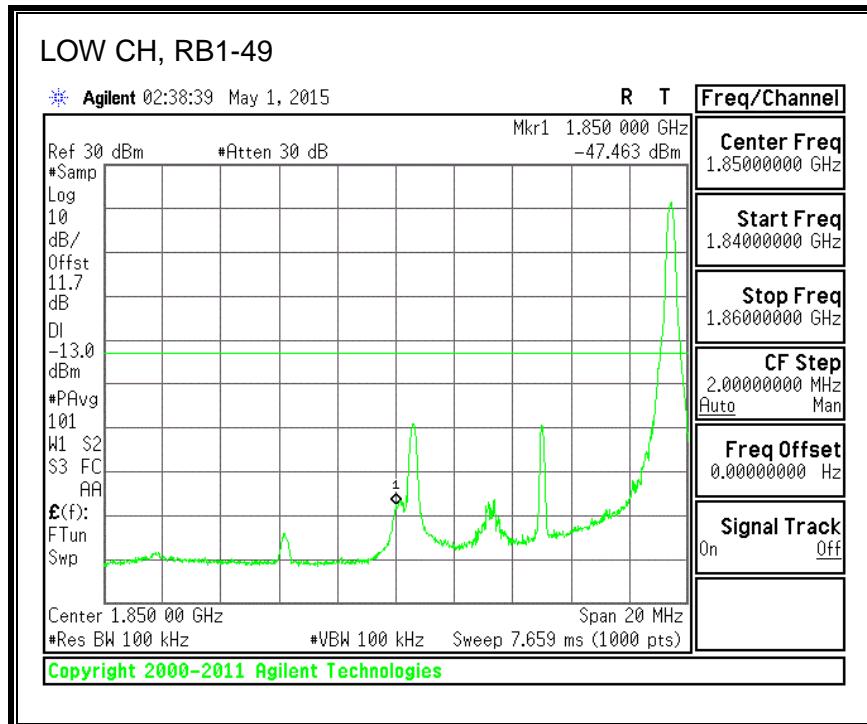
**QPSK, (10.0 MHz BAND WIDTH)**

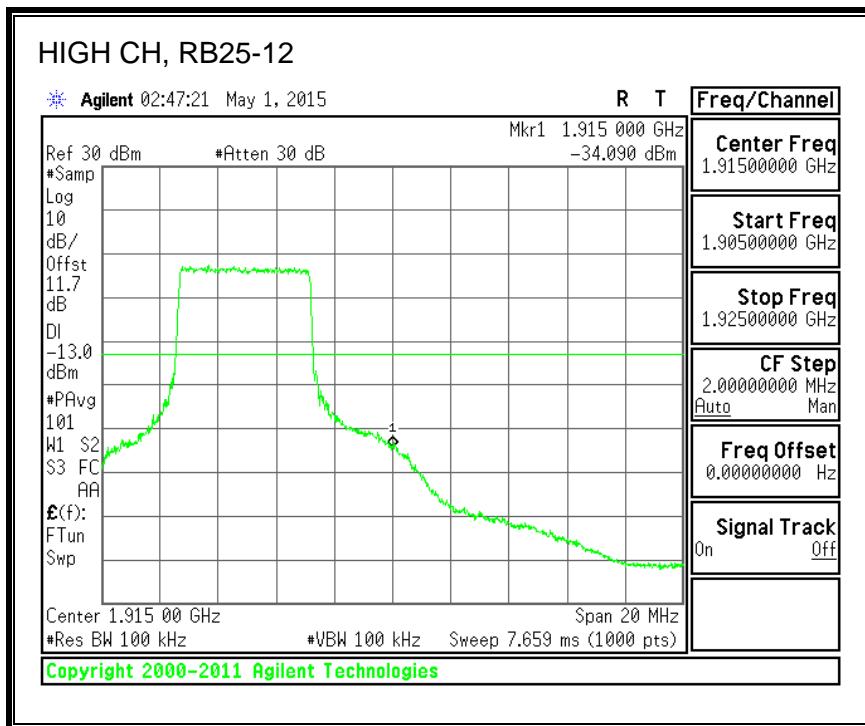
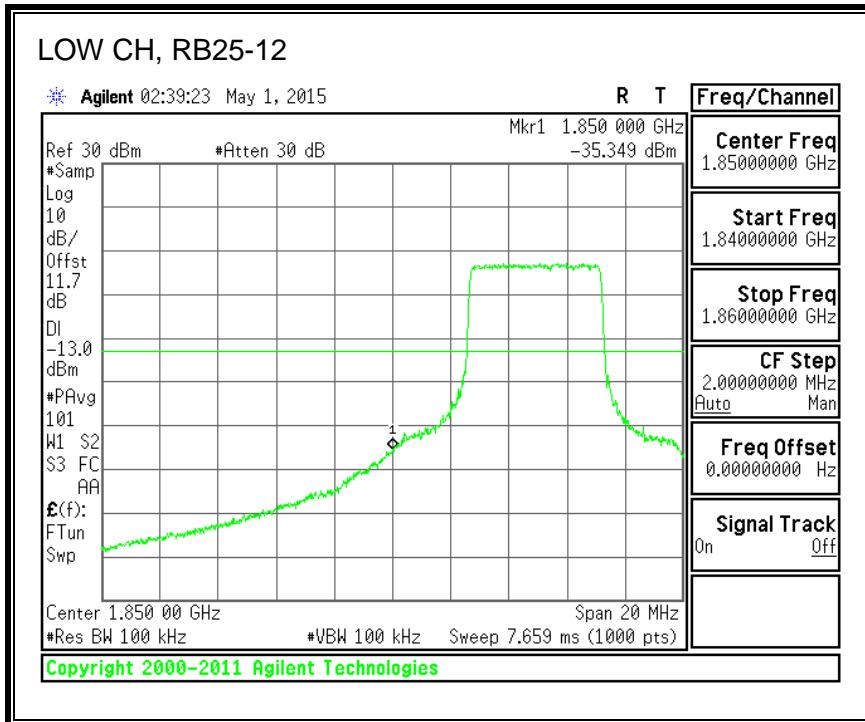


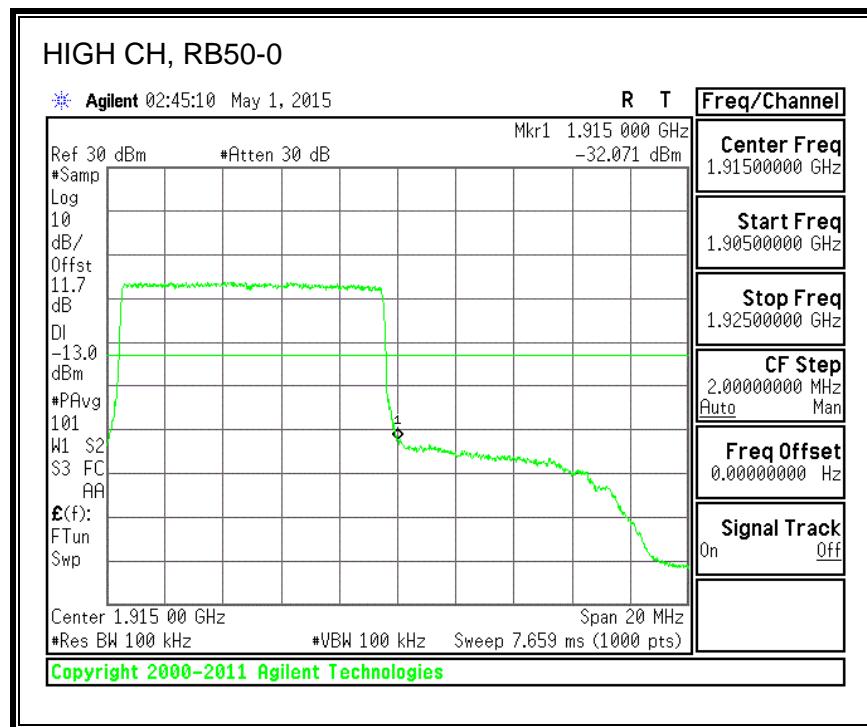
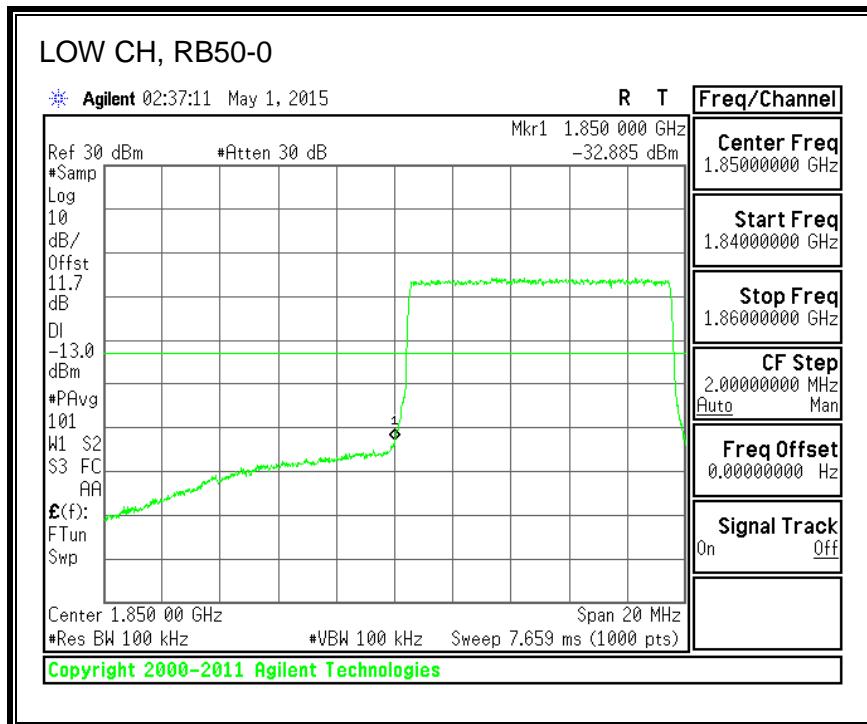


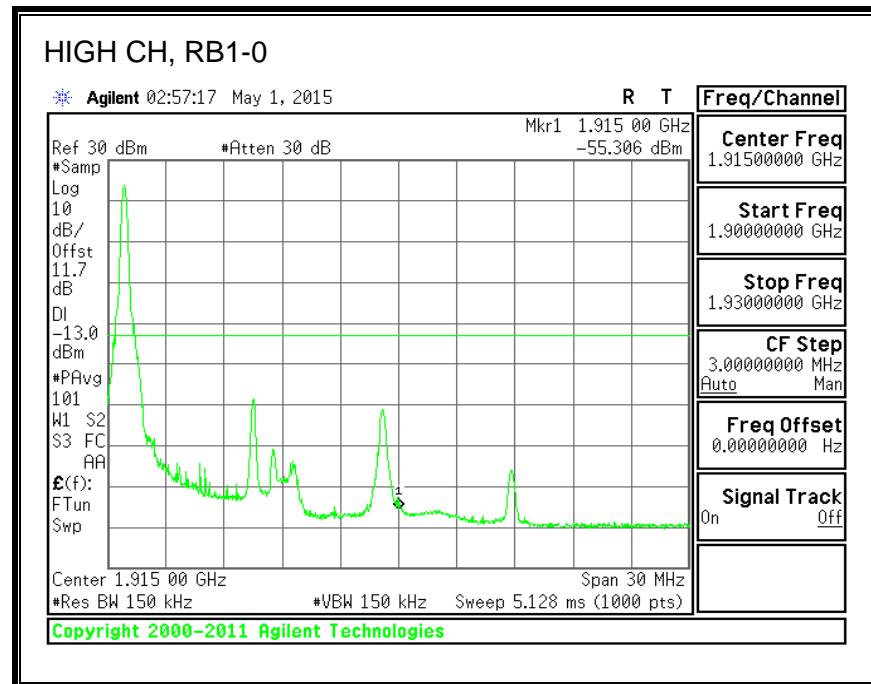
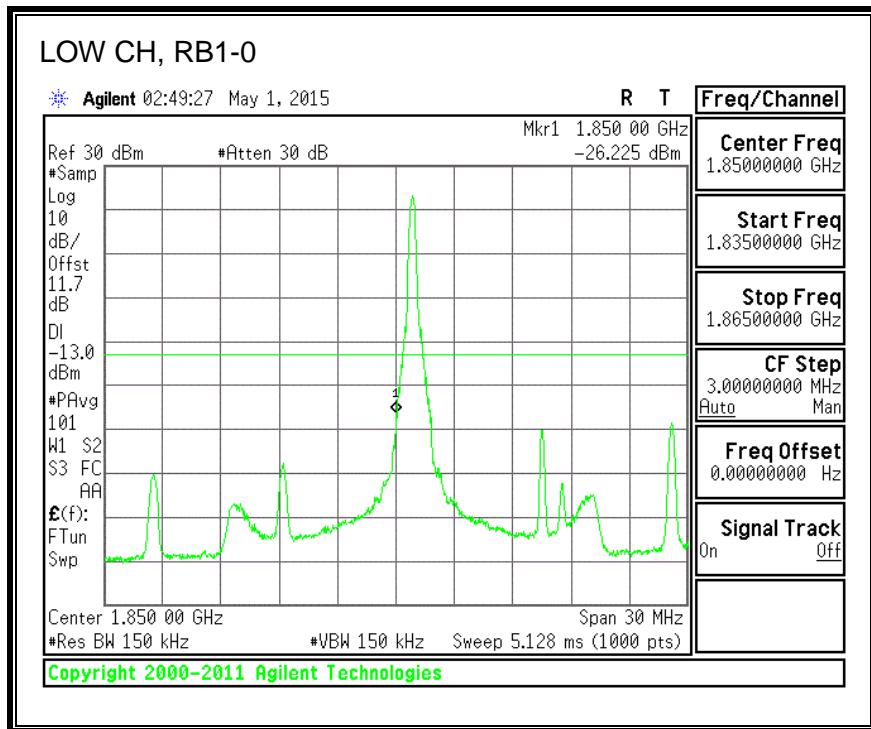


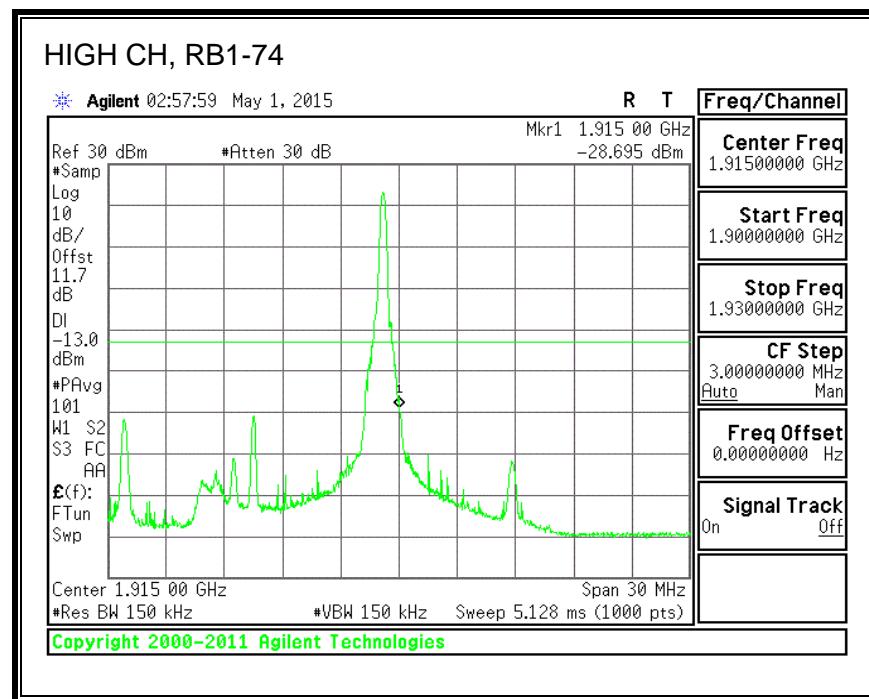
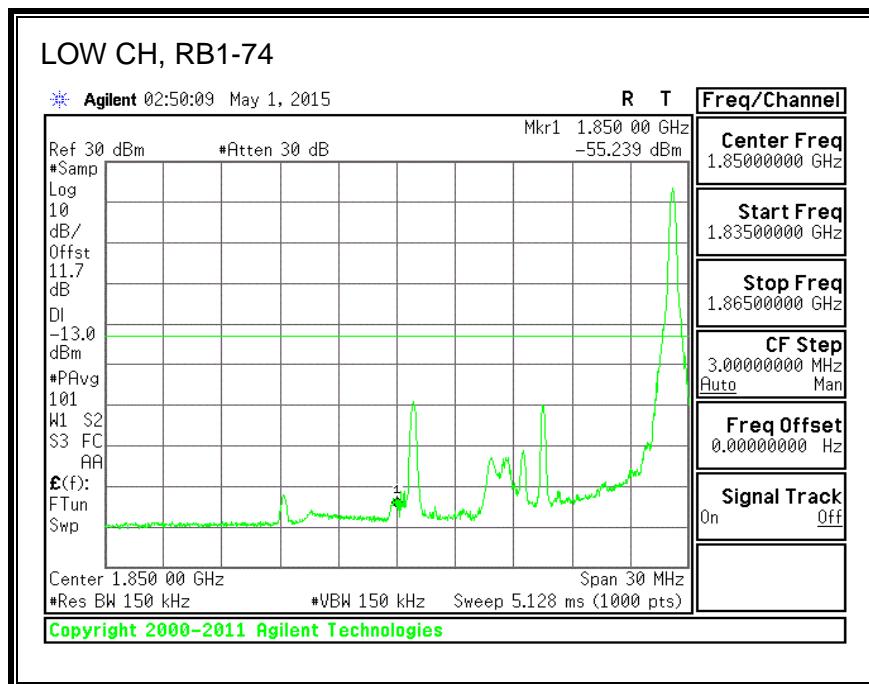
**16QAM, (10.0 MHz BAND WIDTH)**

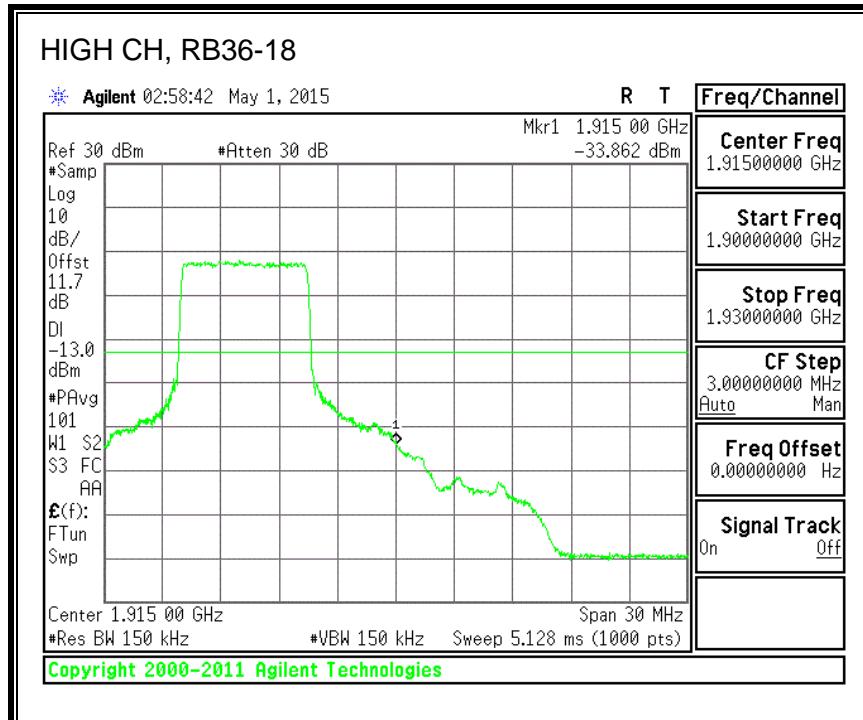
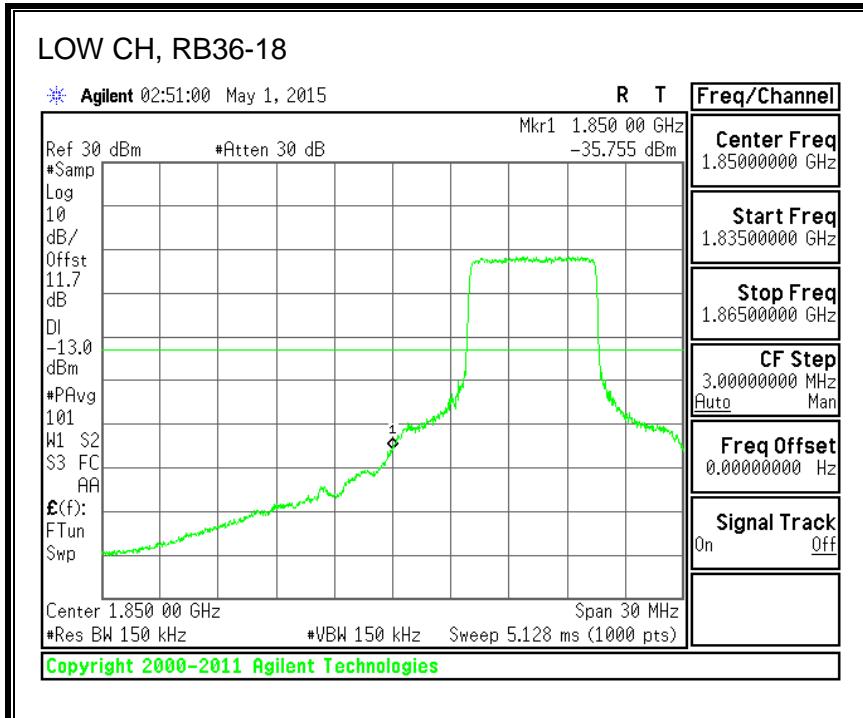


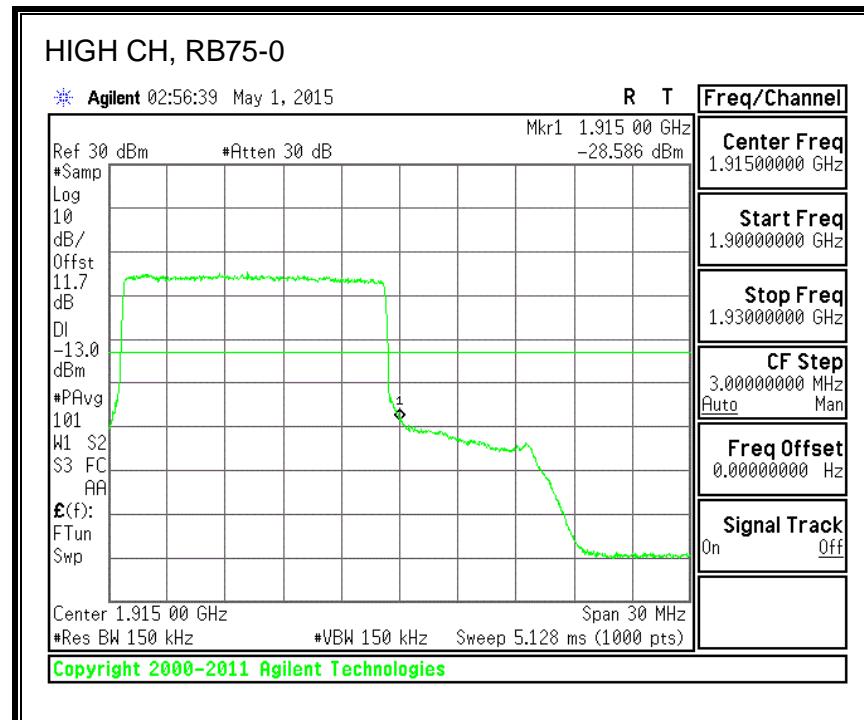
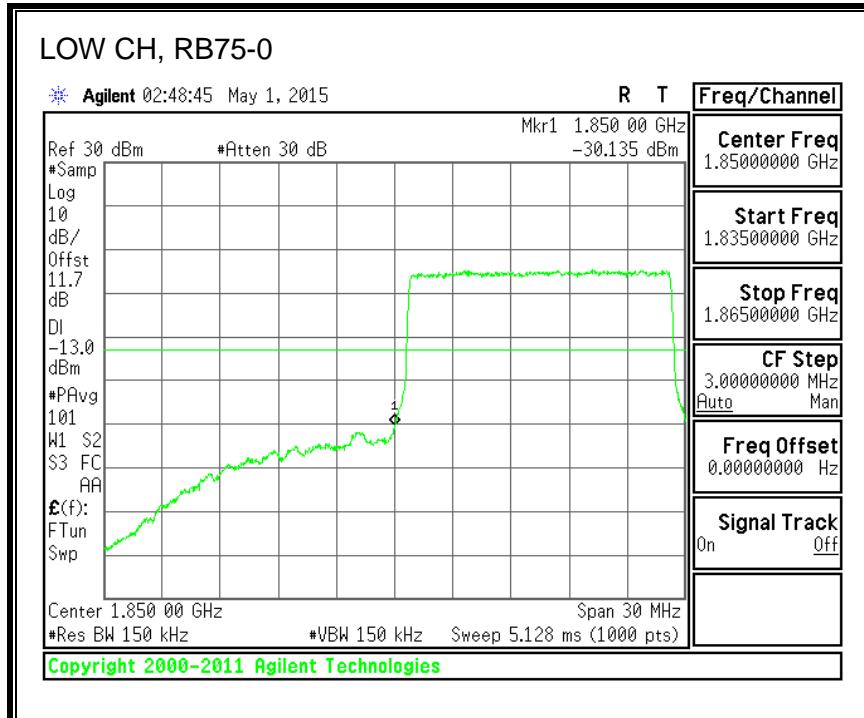


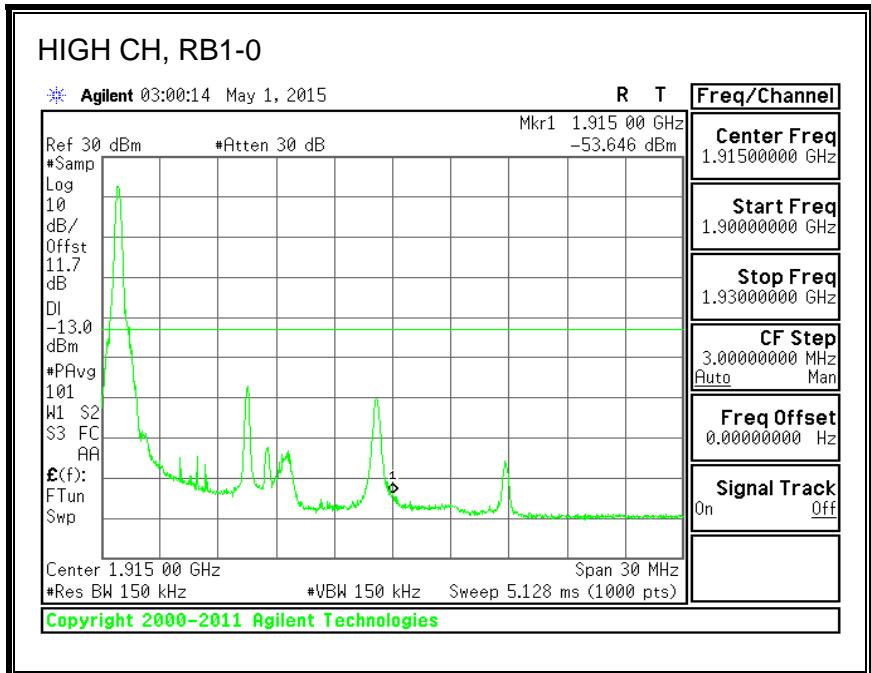
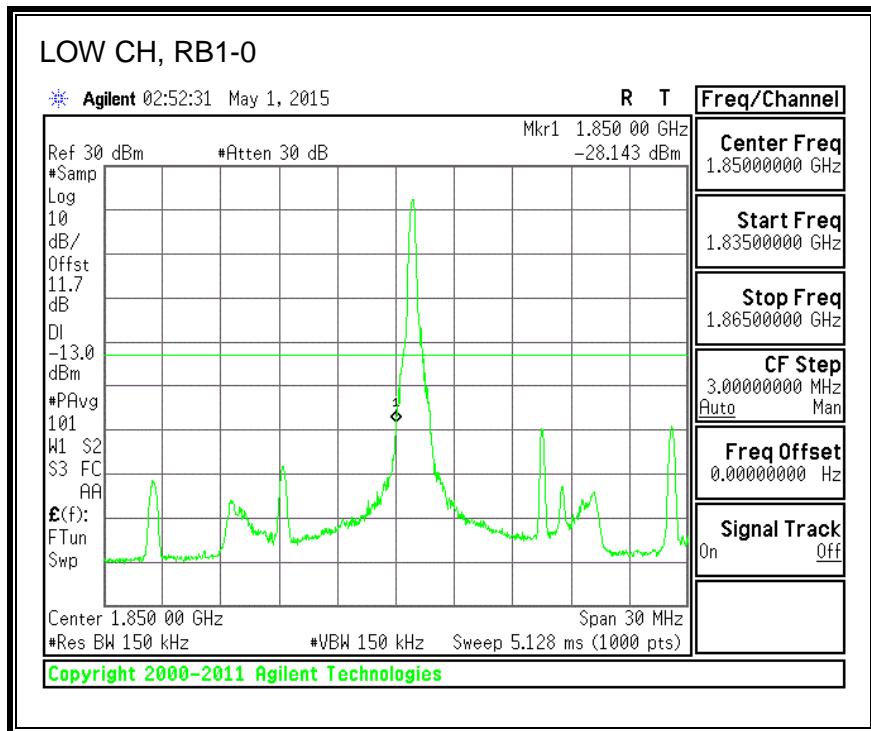


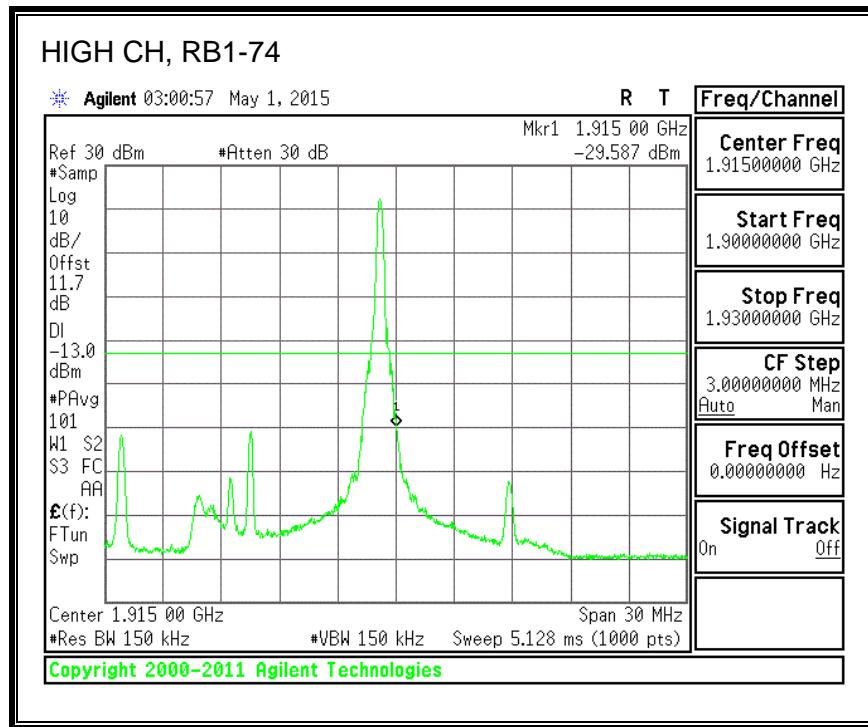
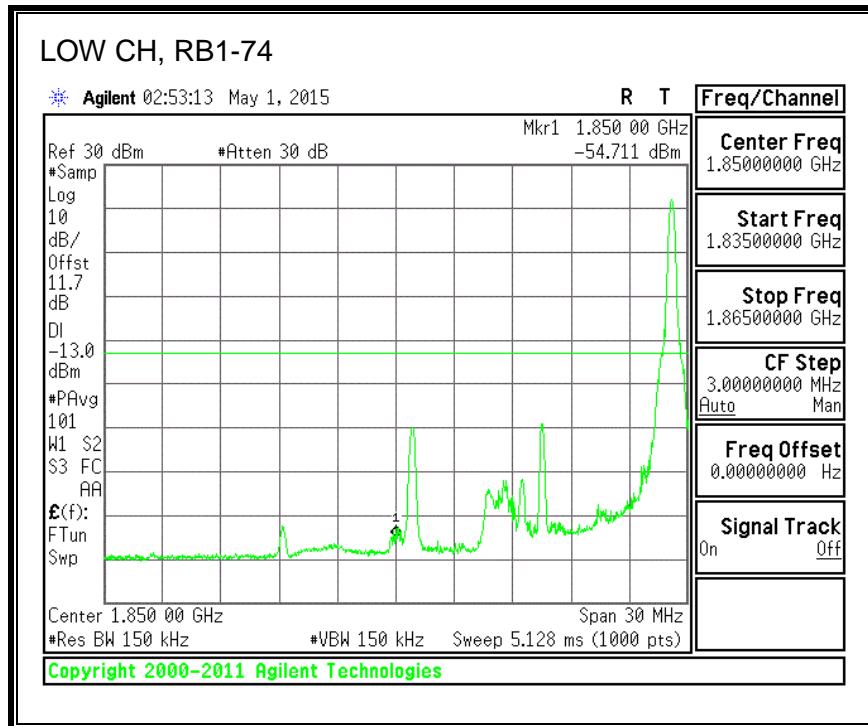
**QPSK, (15.0 MHz BAND WIDTH)**

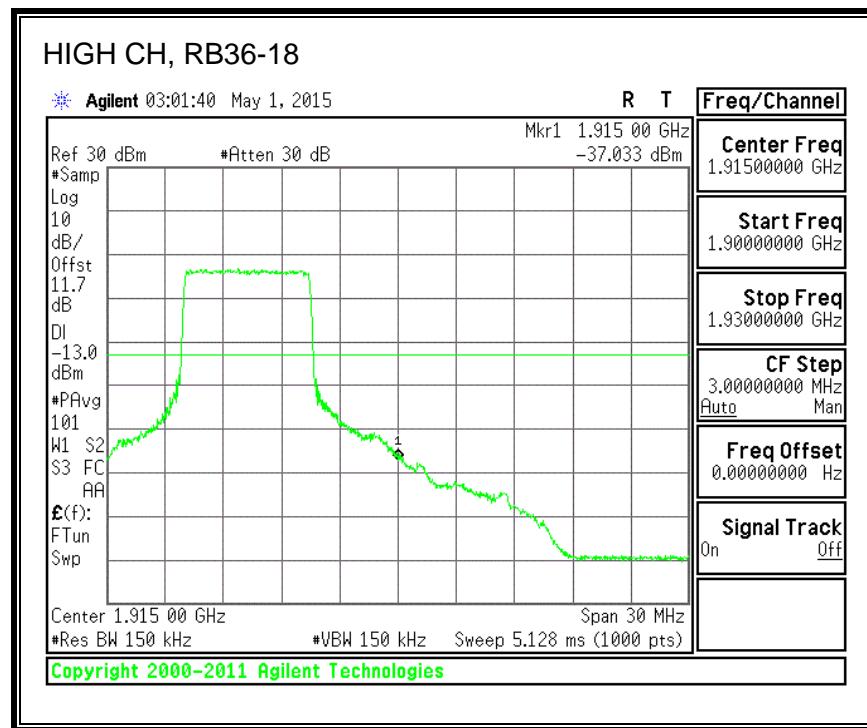
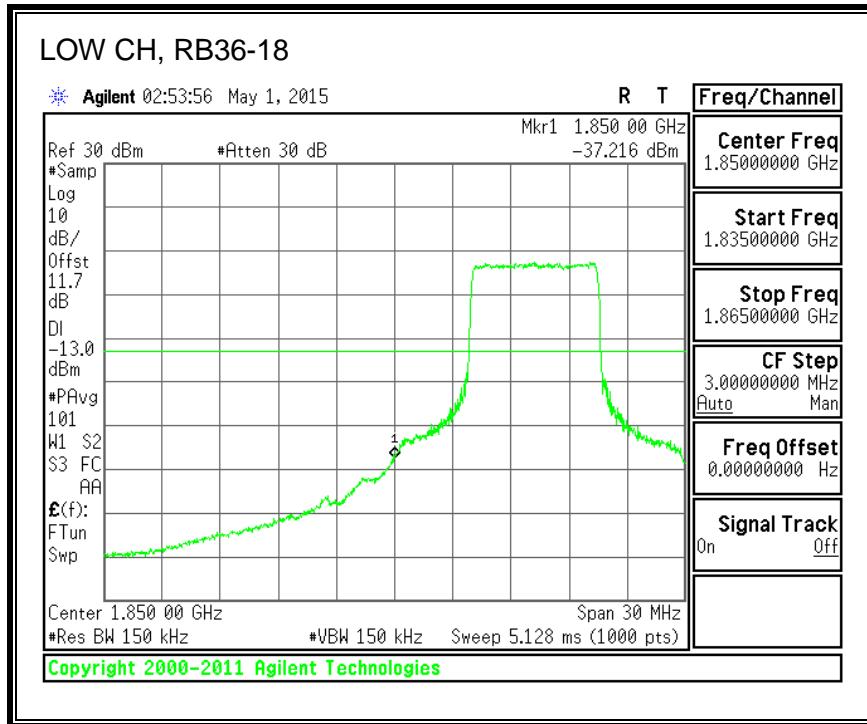


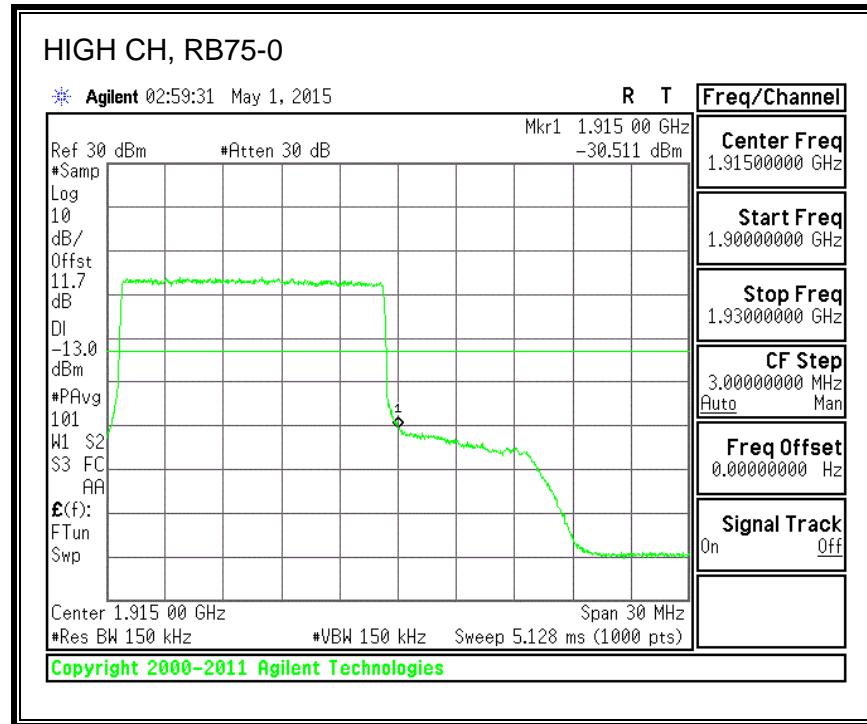
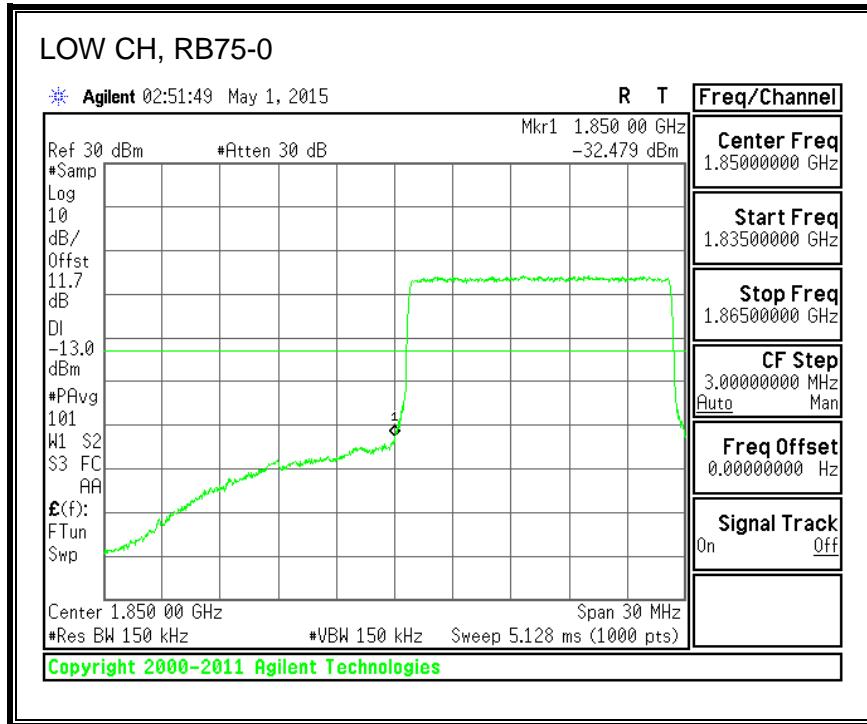


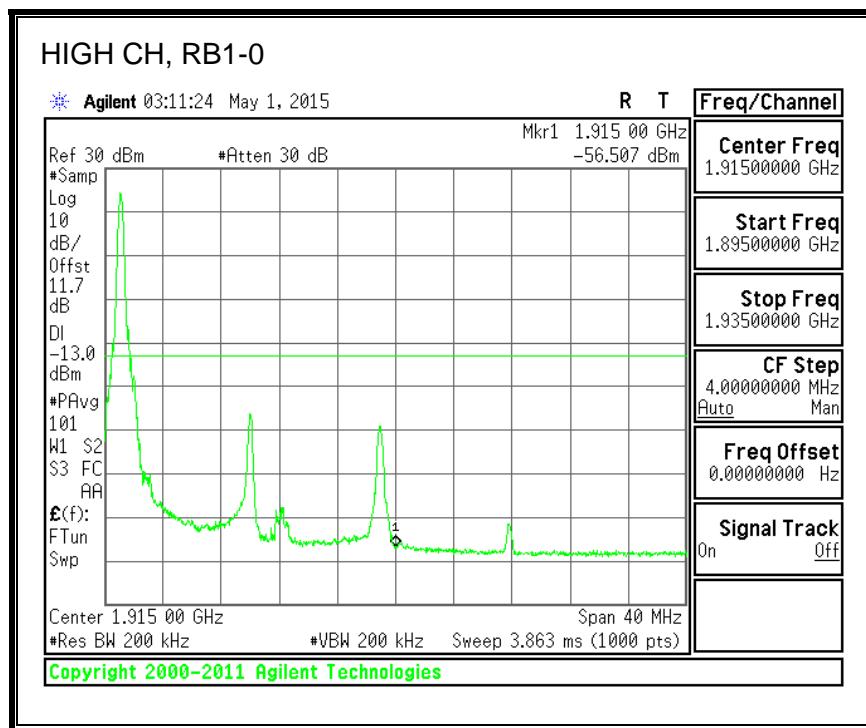
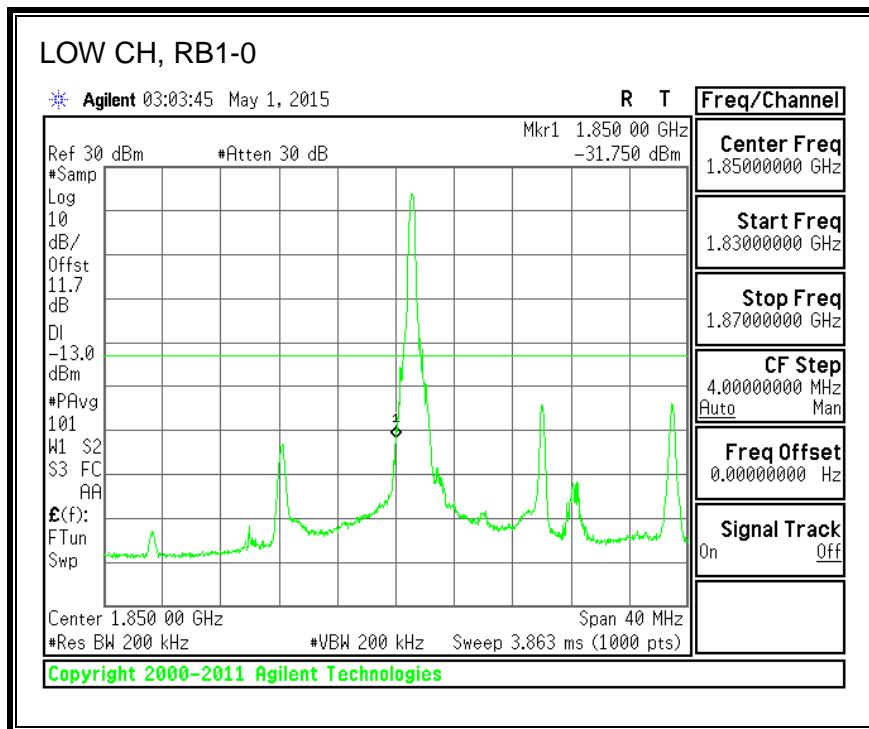


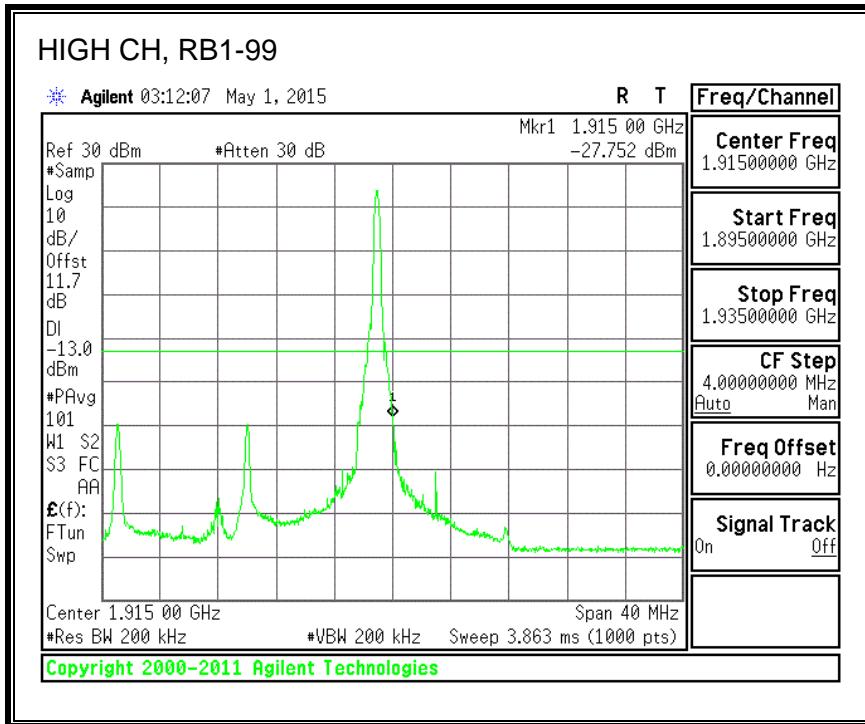
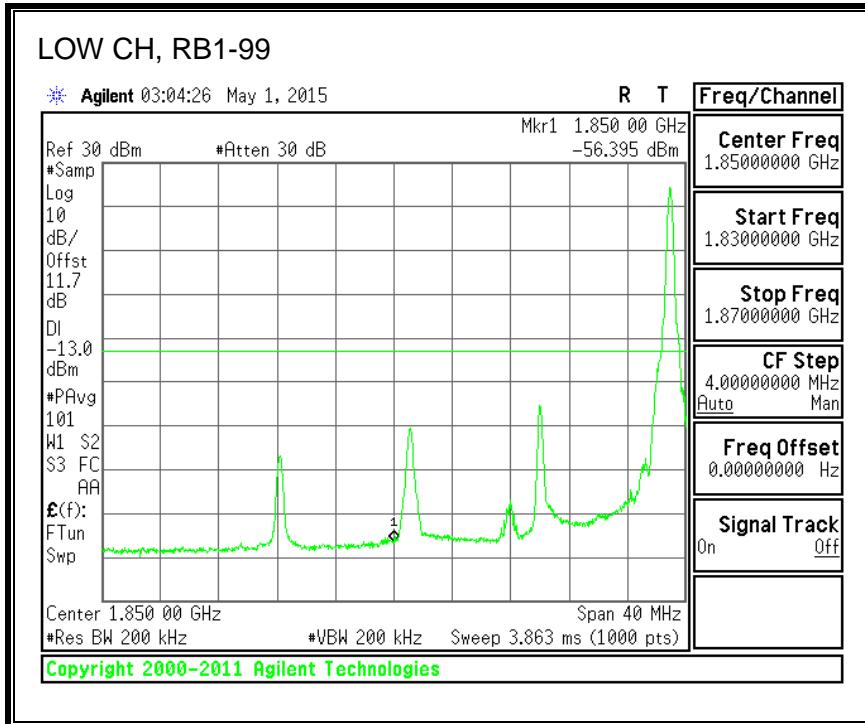
**16QAM, (15.0 MHz BAND WIDTH)**

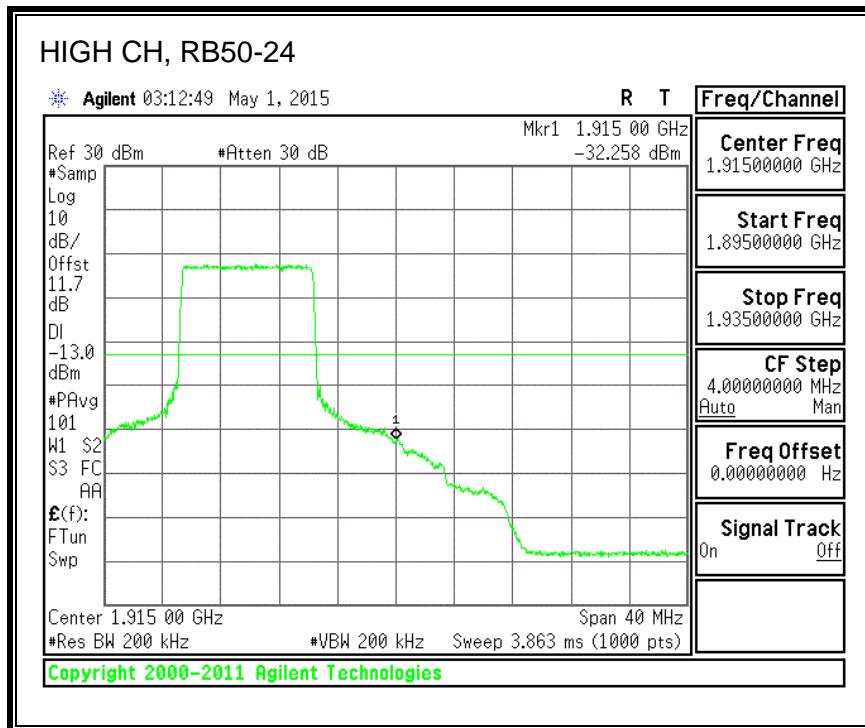
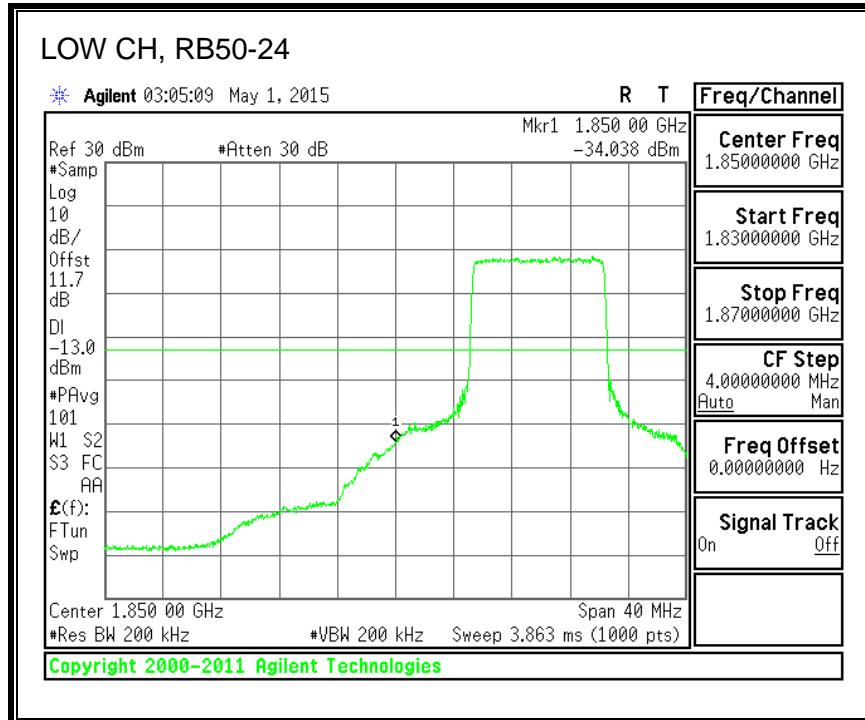


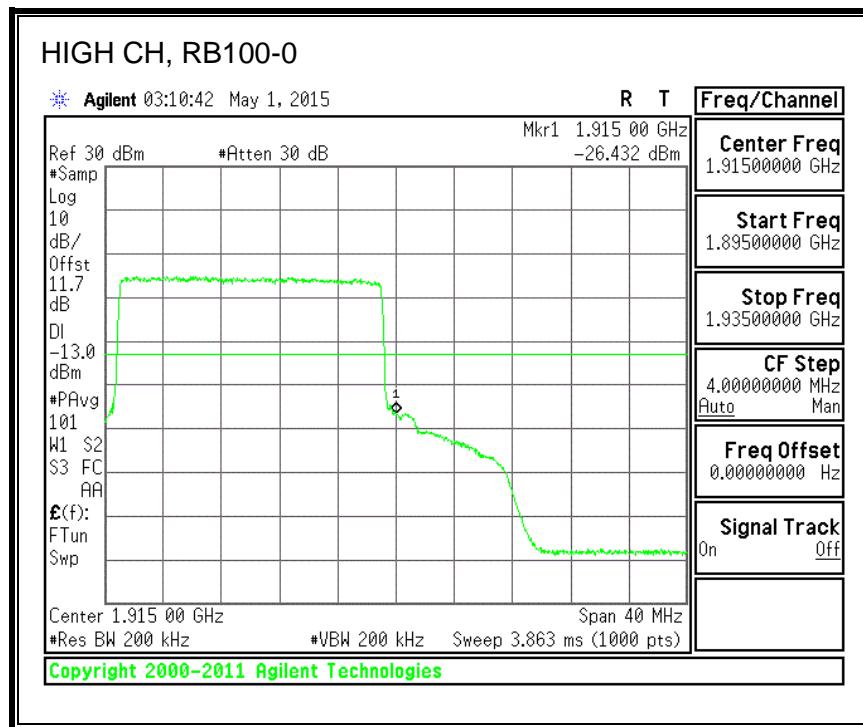
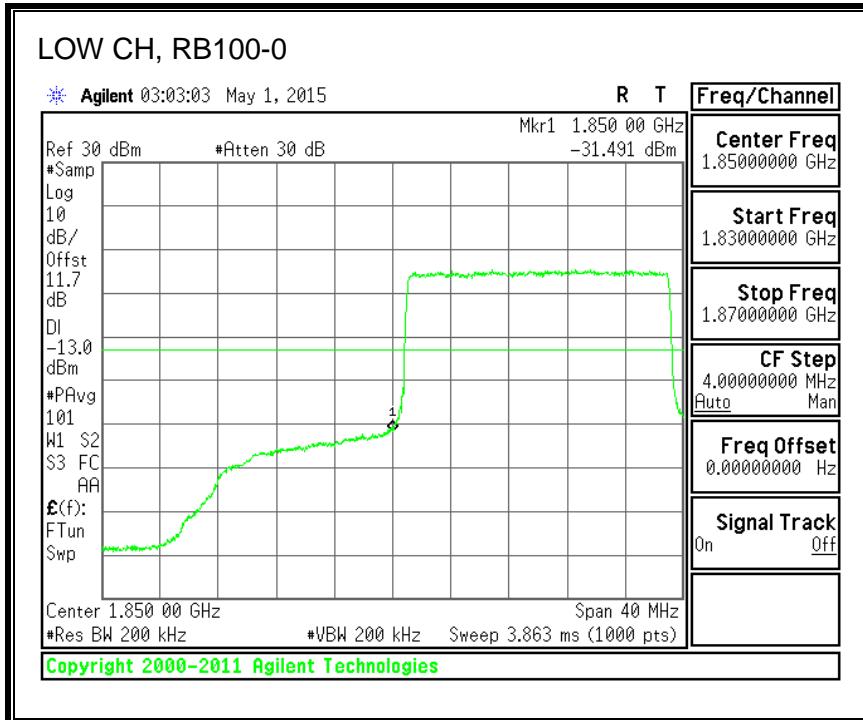


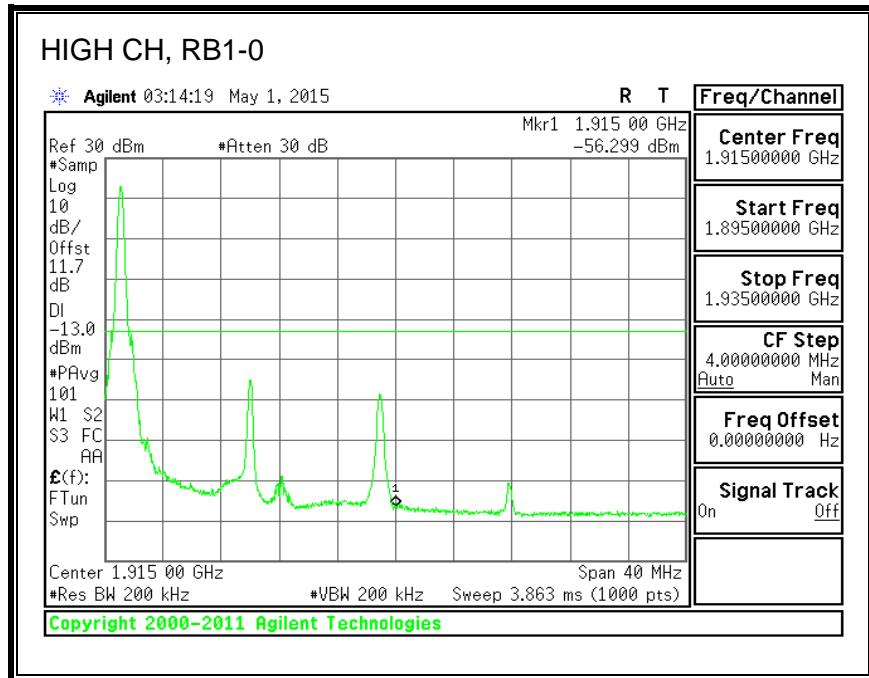
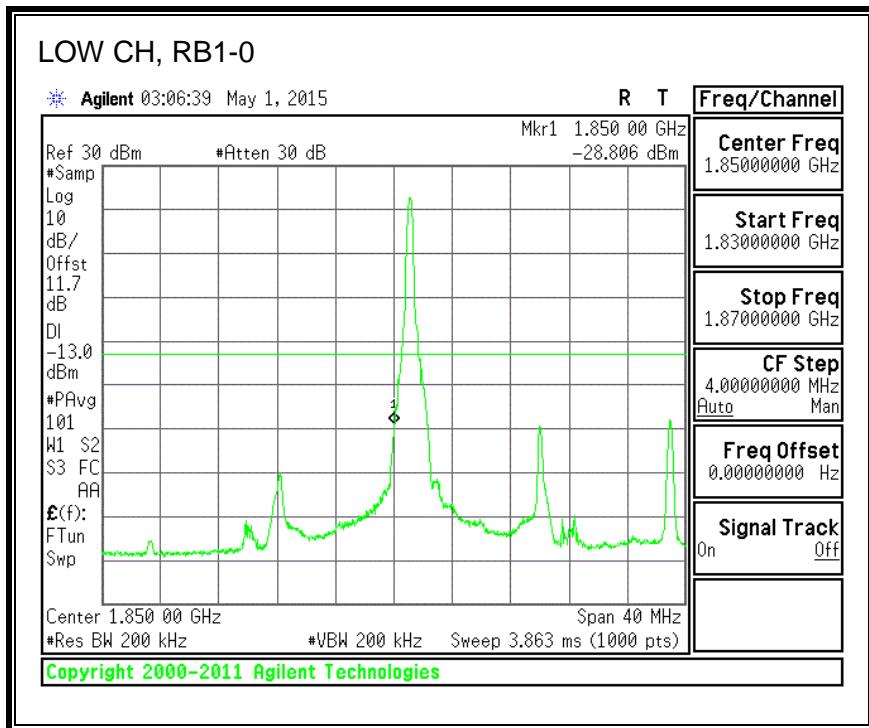


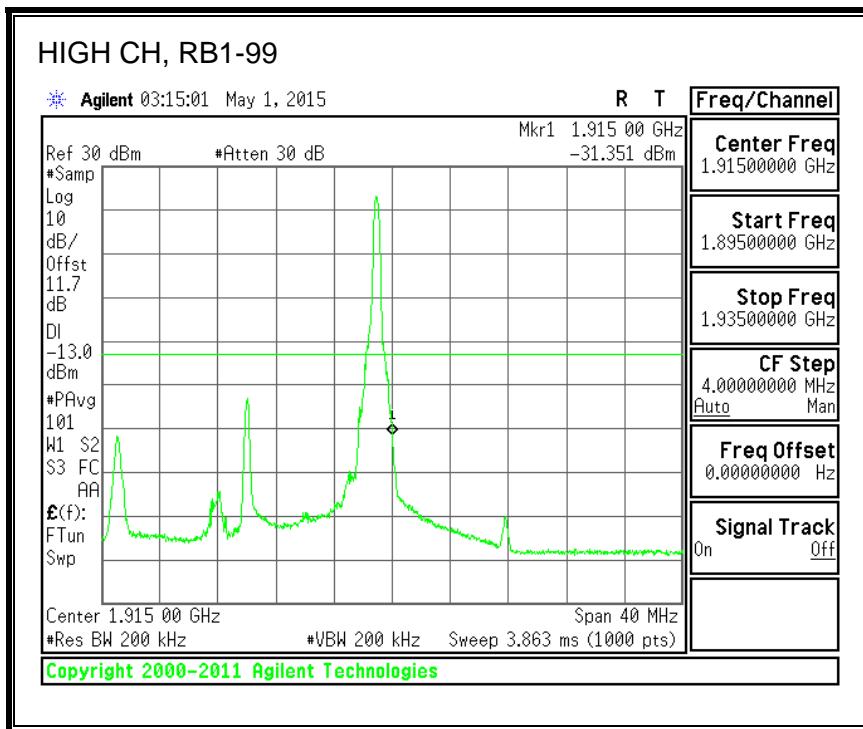
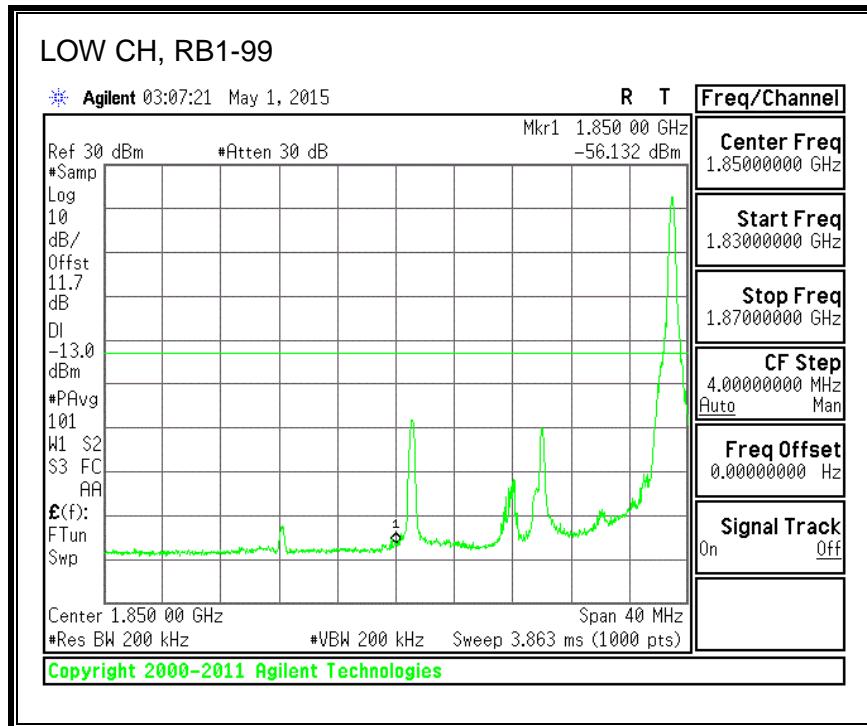
**QPSK, (20.0 MHz BAND WIDTH)**

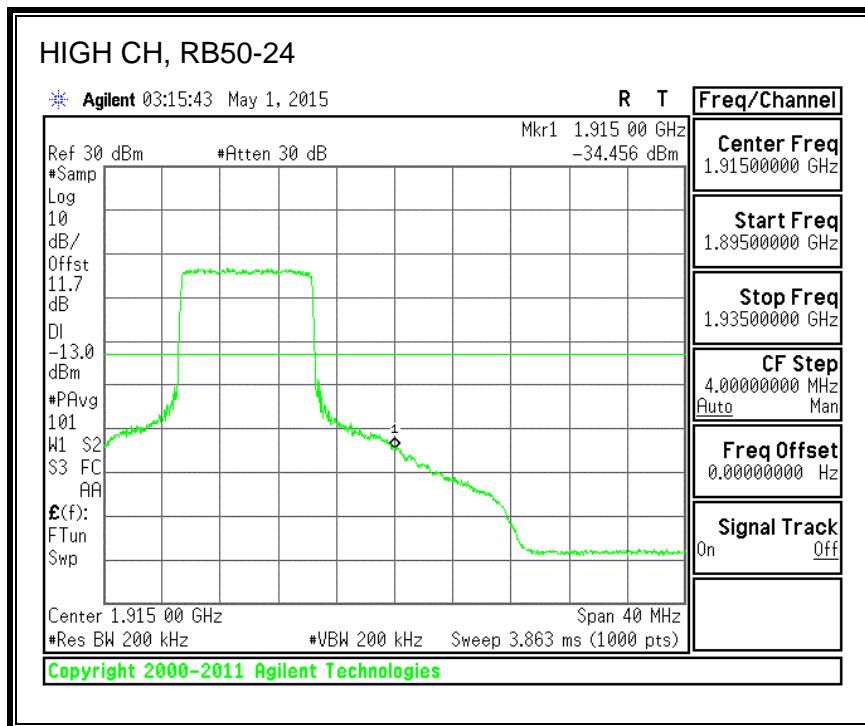
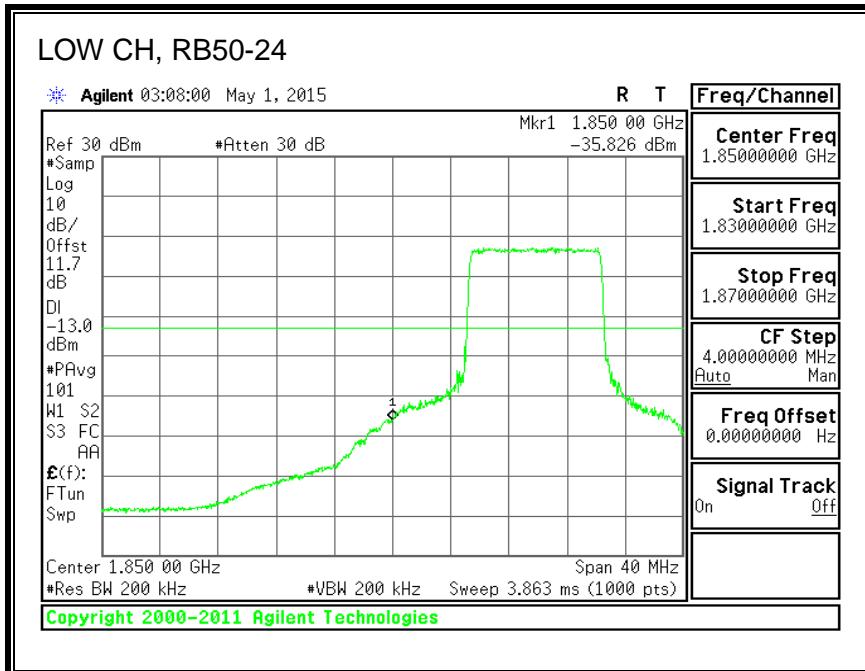


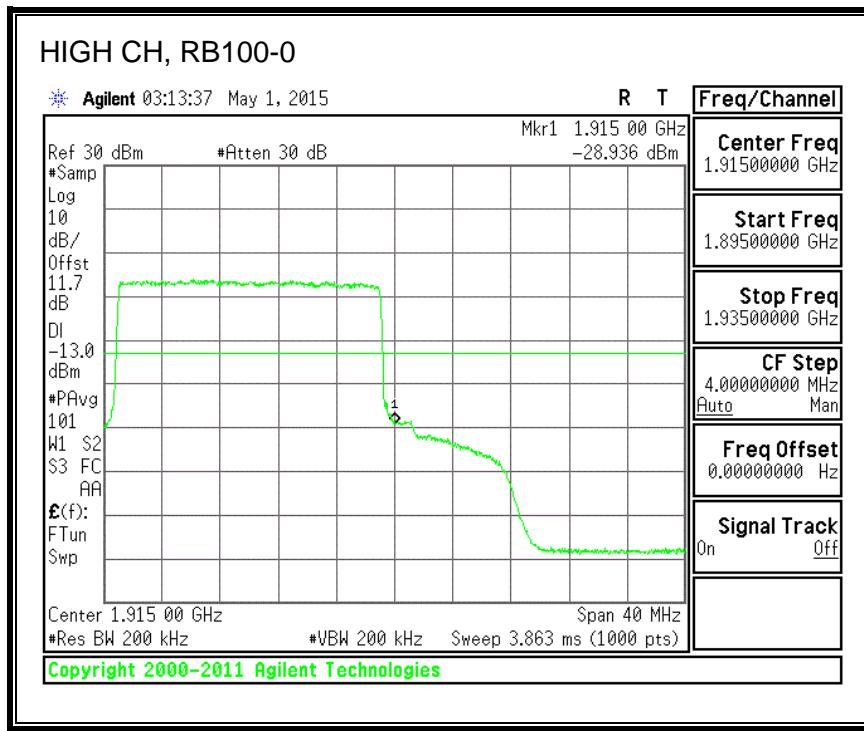
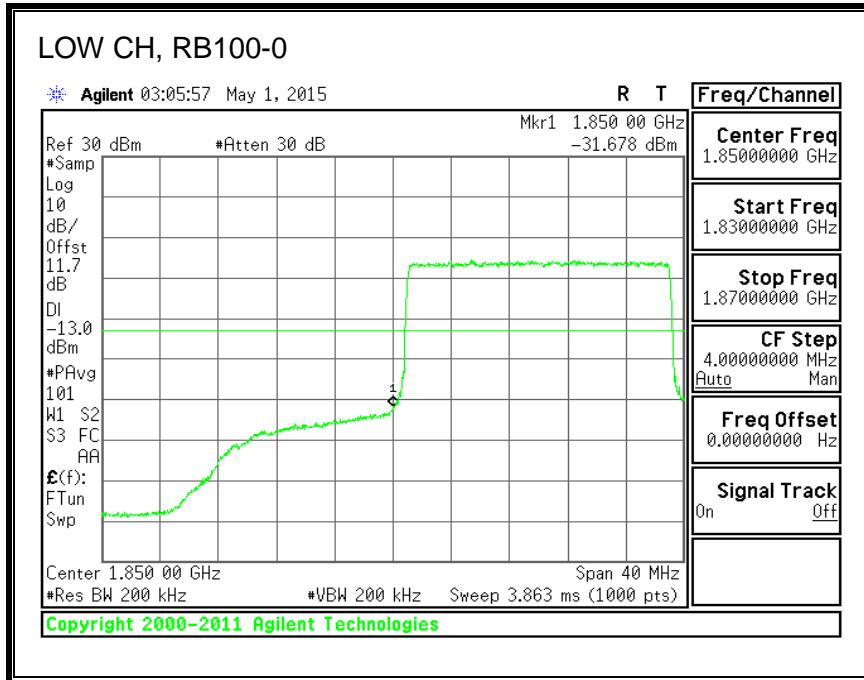




**16QAM, (20.0 MHz BAND WIDTH)**

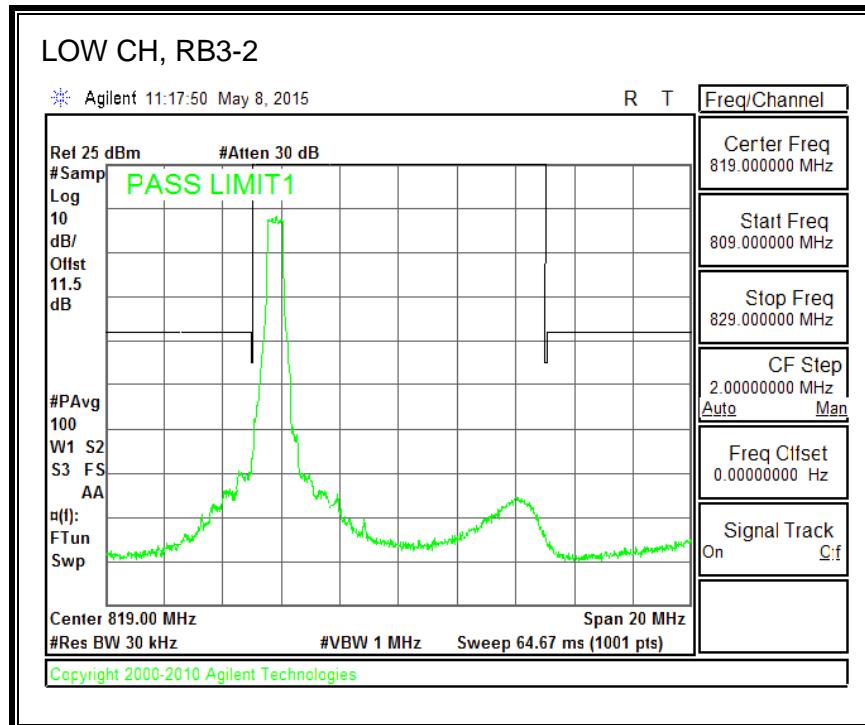
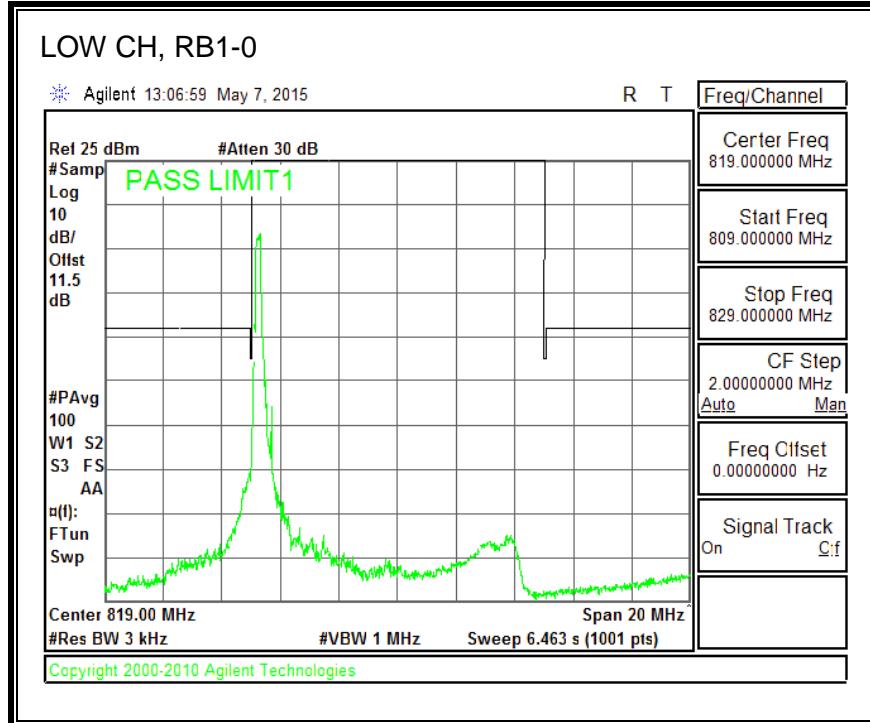


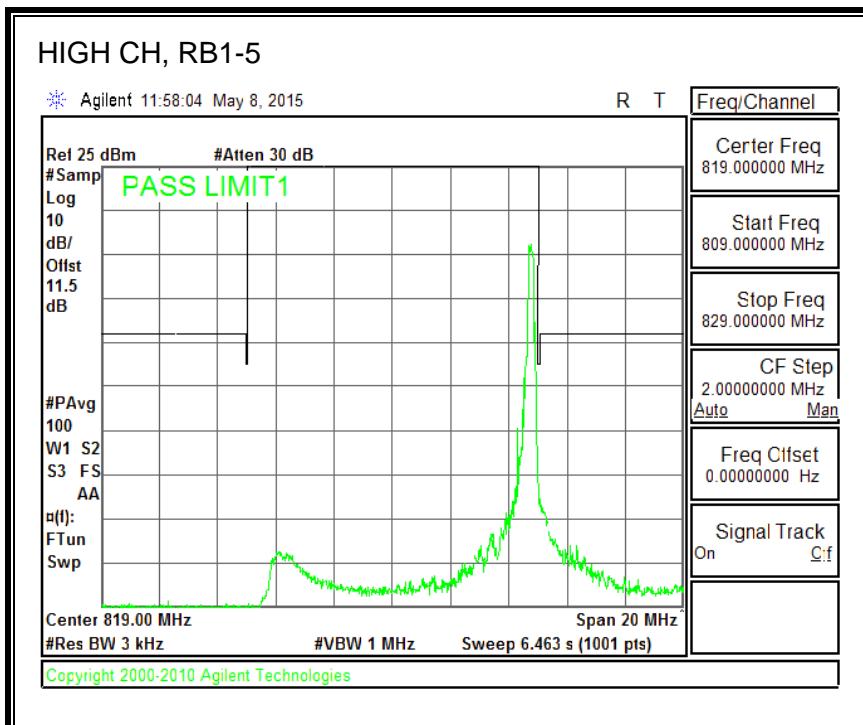
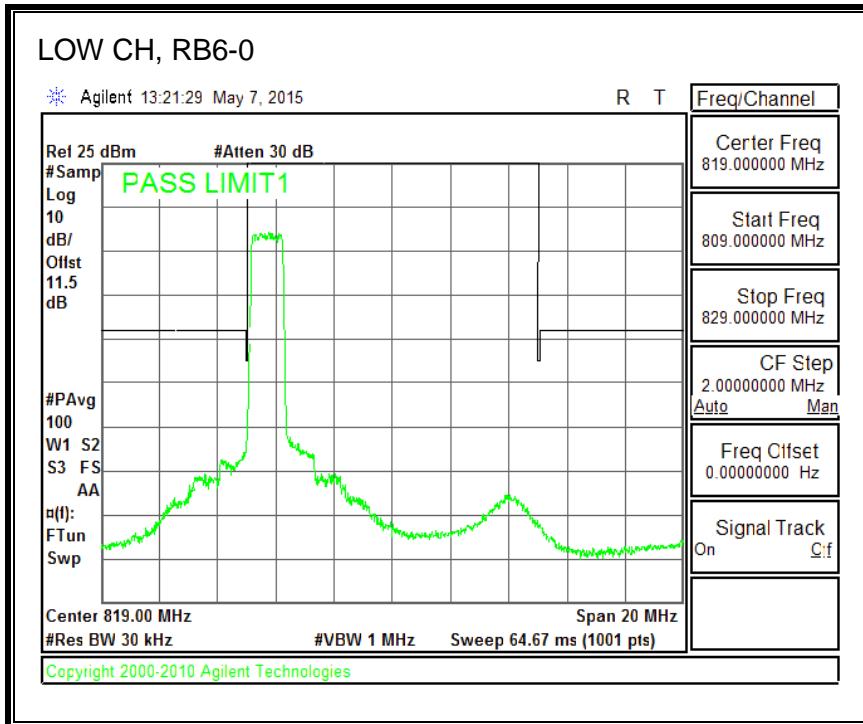


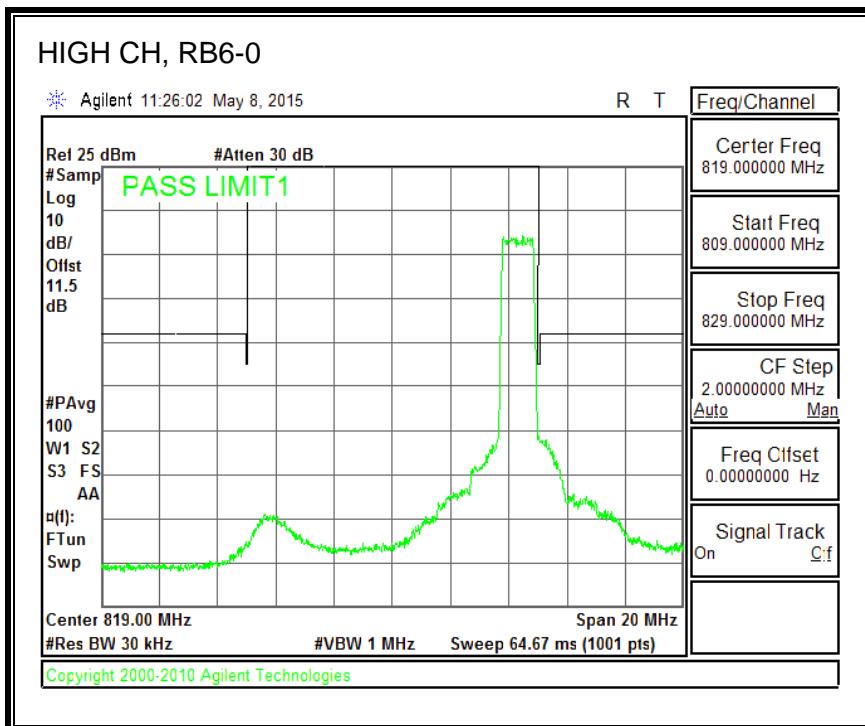
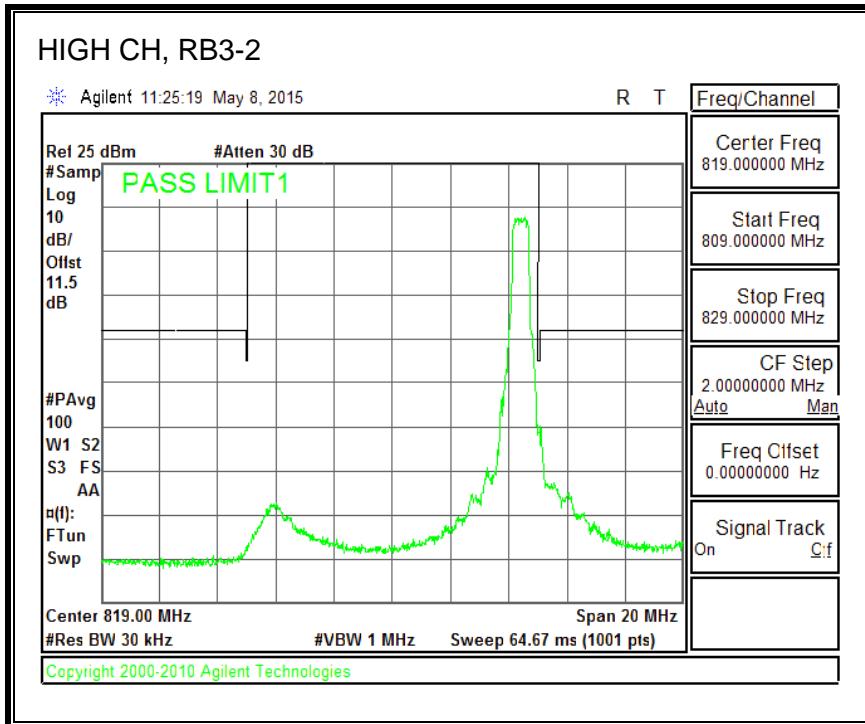


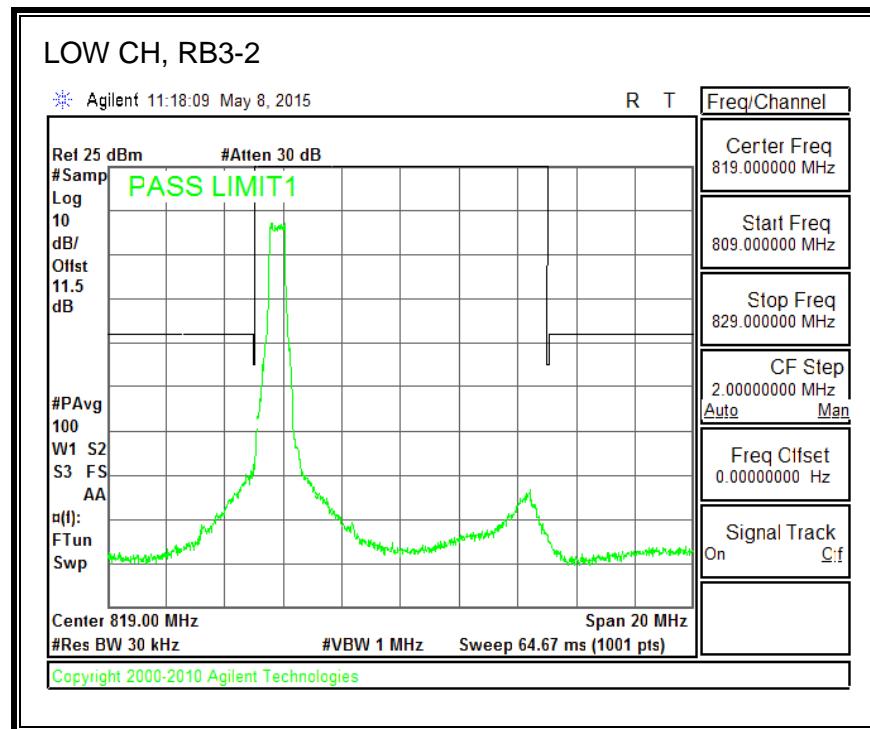
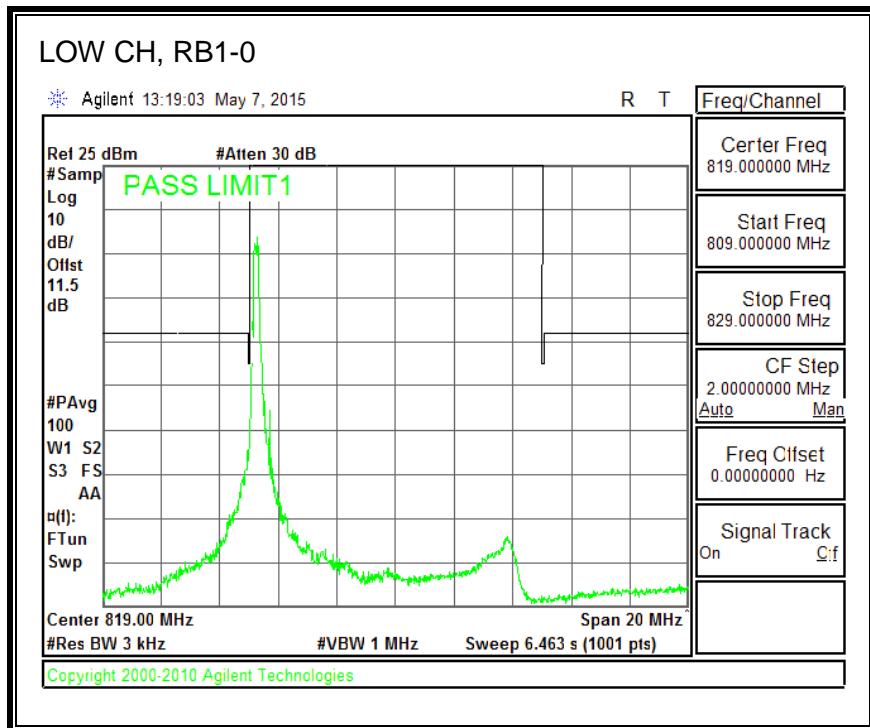
### 8.3.9. LTE BAND 26 EMISSION MASK

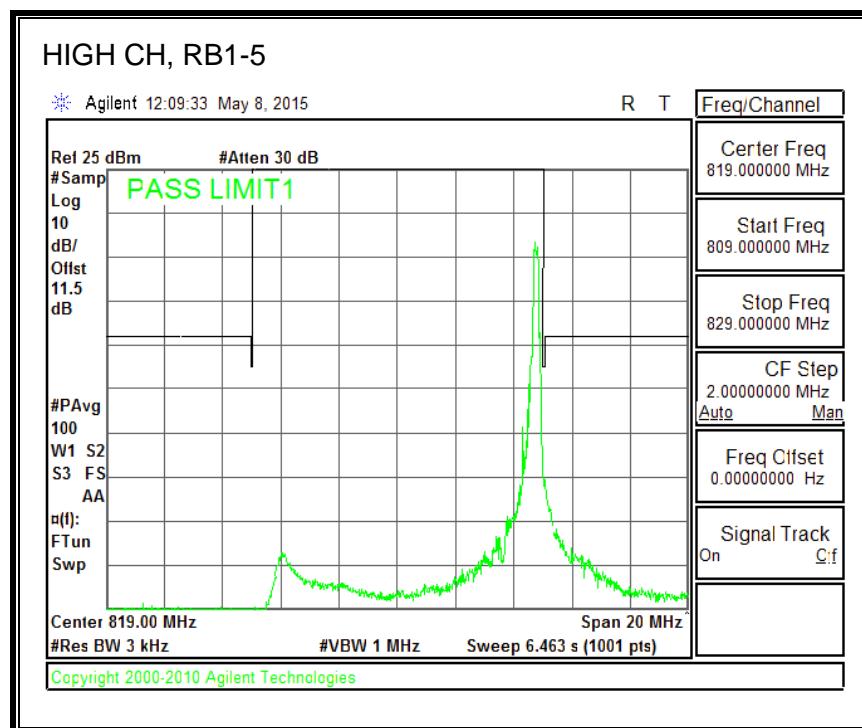
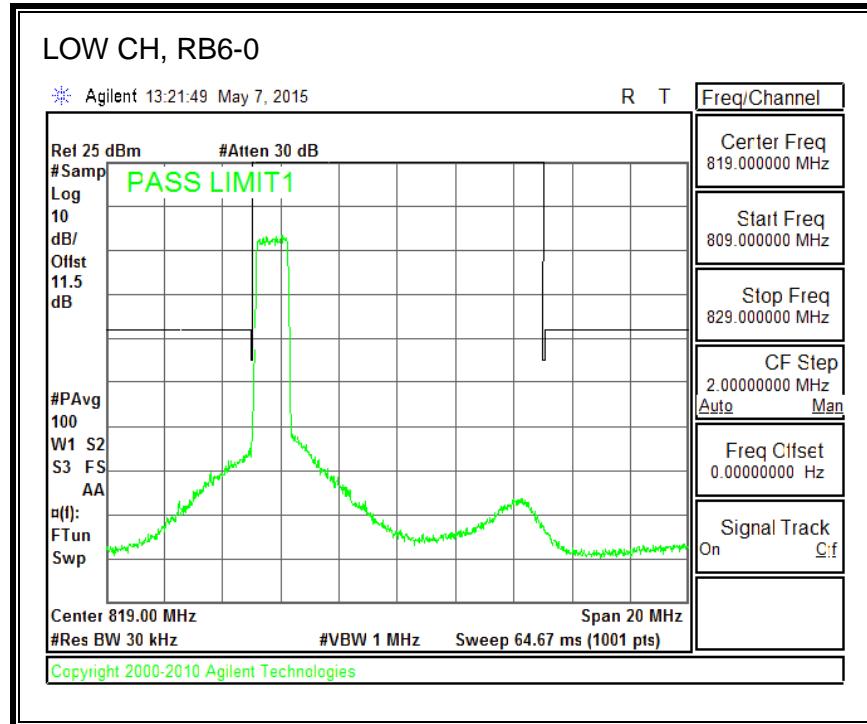
#### QPSK, (1.4 MHz BAND WIDTH)



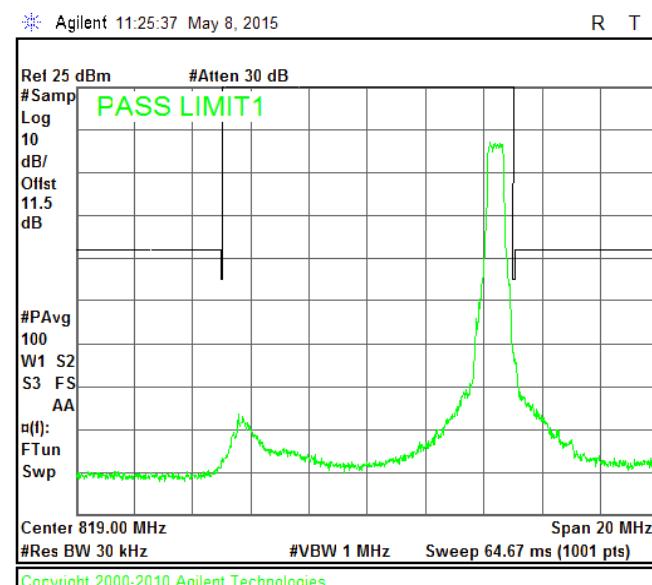




**16QAM, (1.4 MHz BAND WIDTH)**



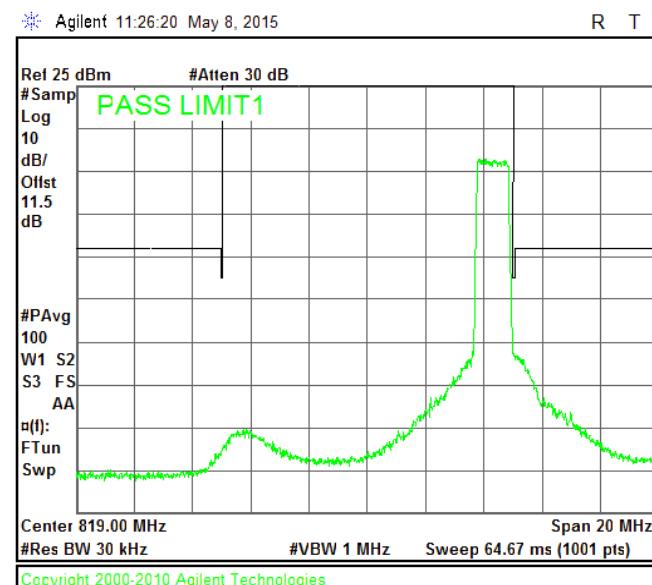
## HIGH CH, RB3-2



R T

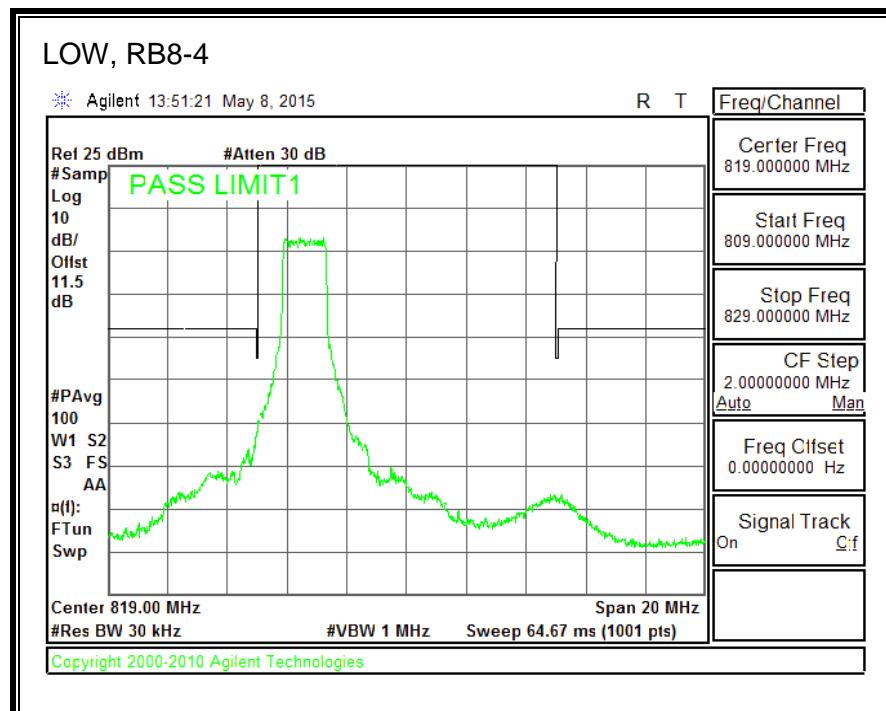
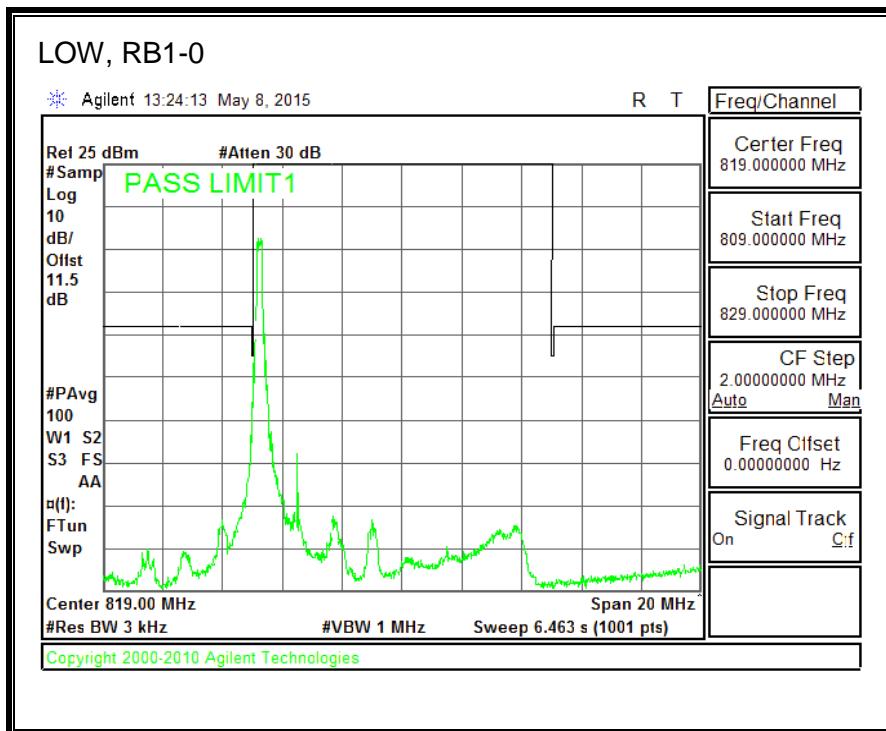
Freq/Channel
Center Freq 819.000000 MHz
Start Freq 809.000000 MHz
Stop Freq 829.000000 MHz
CF Step 2.0000000 MHz
Auto Man
Freq Clsset 0.0000000 Hz
Signal Track On Cif

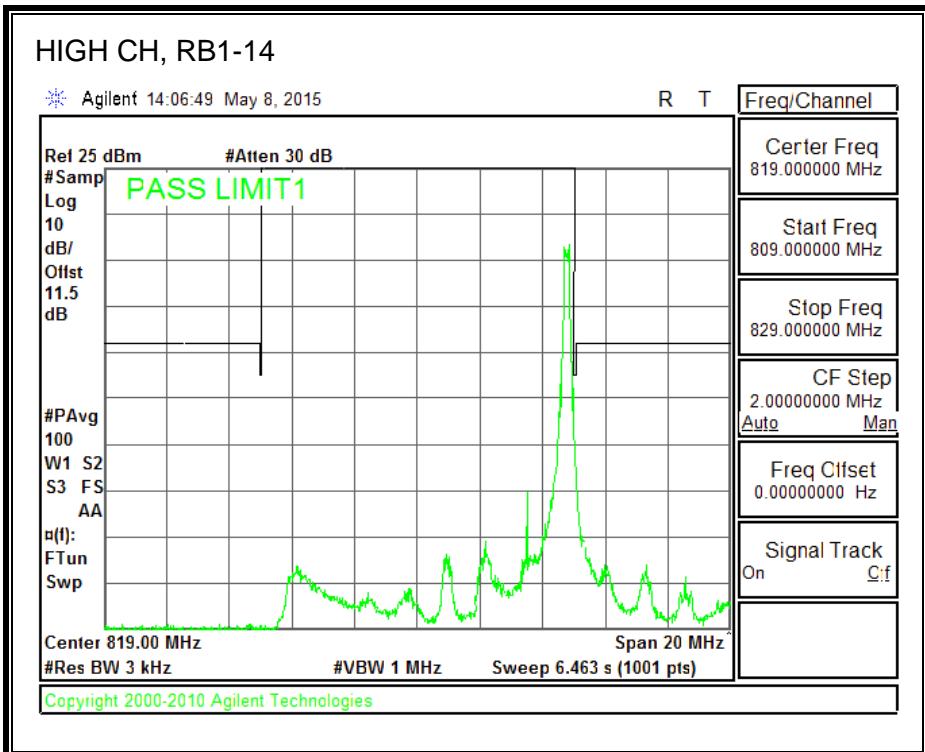
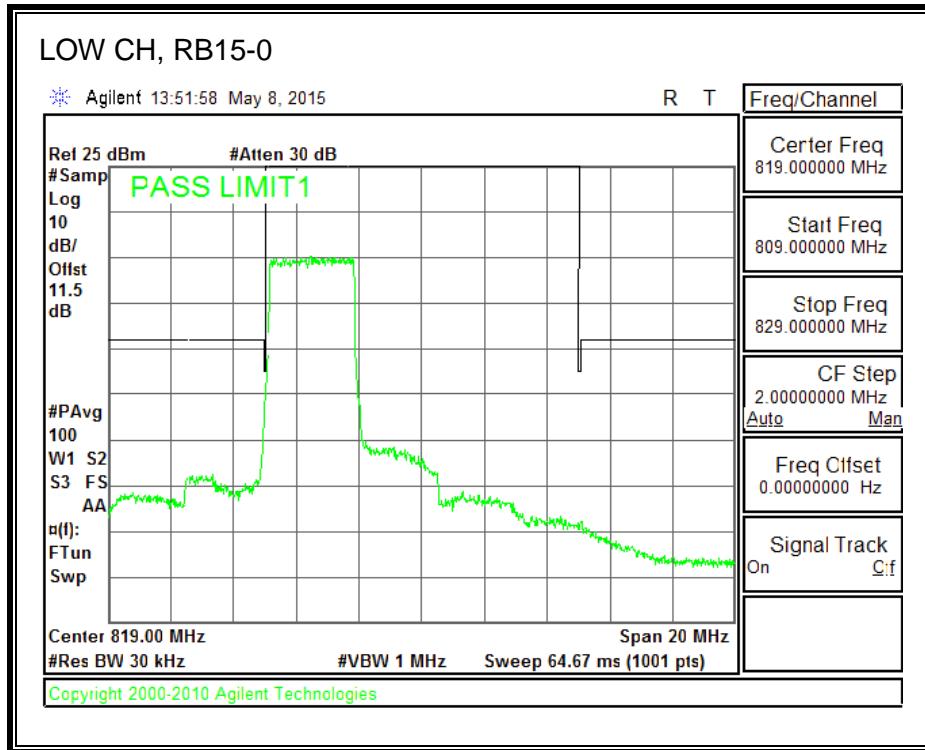
## HIGH CH, RB6-0

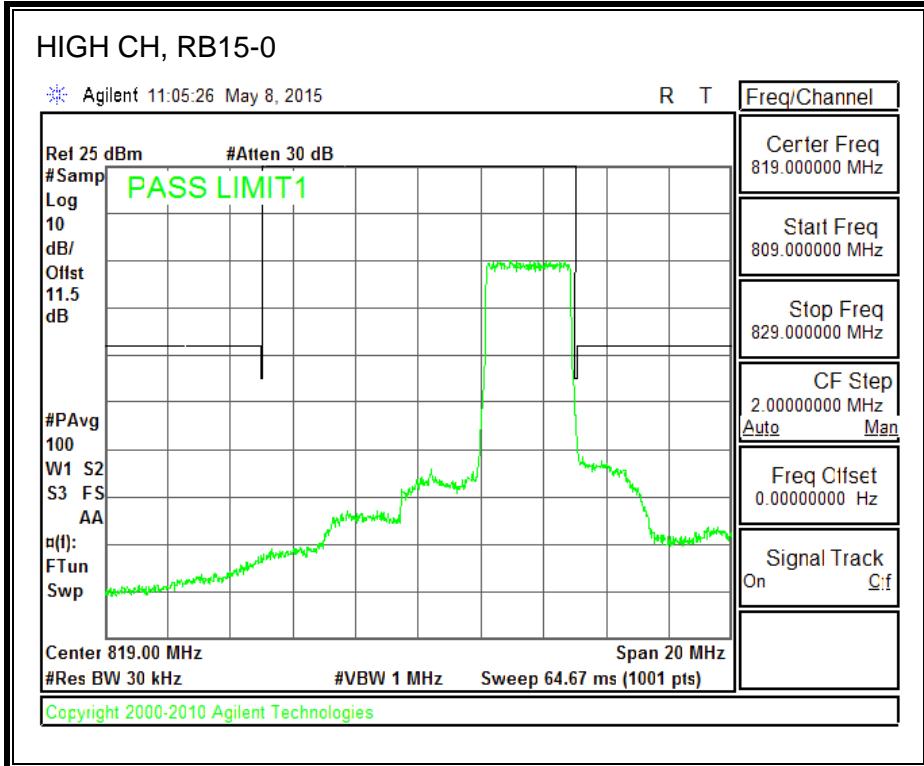
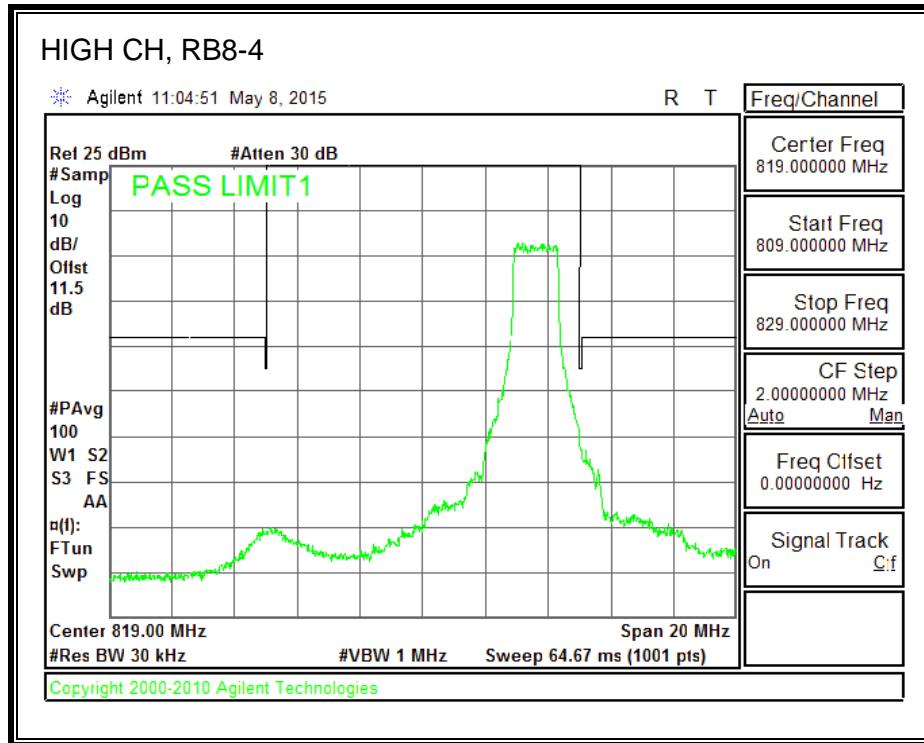


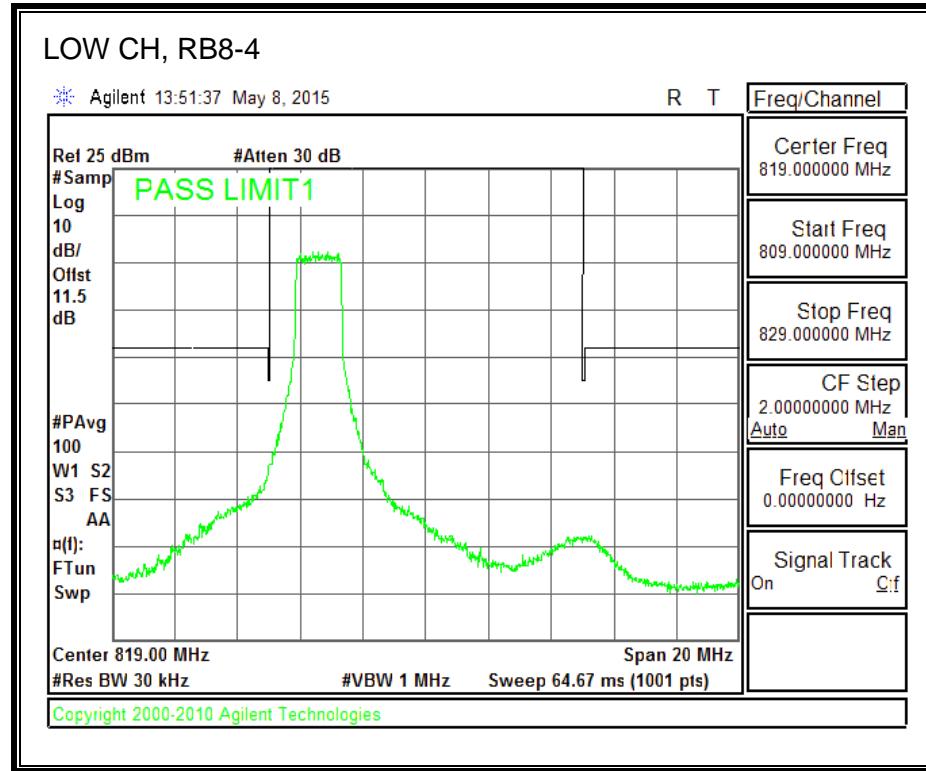
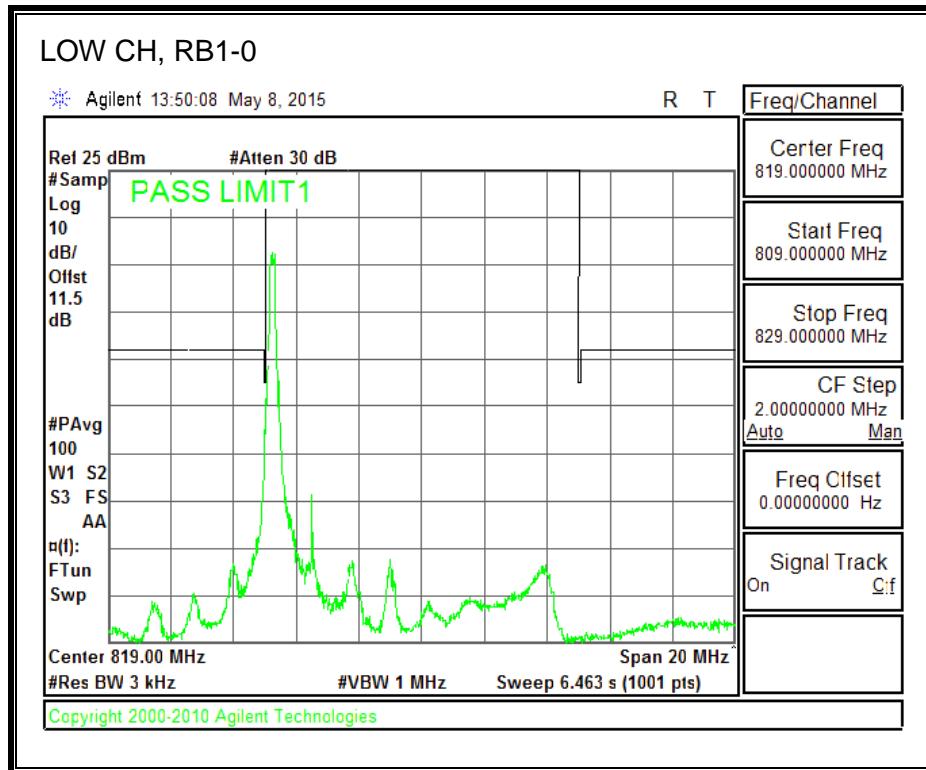
R T

Freq/Channel
Center Freq 819.000000 MHz
Start Freq 809.000000 MHz
Stop Freq 829.000000 MHz
CF Step 2.0000000 MHz
Auto Man
Freq Clsset 0.0000000 Hz
Signal Track On Cif

**QPSK, (3.0 MHz BAND WIDTH)**

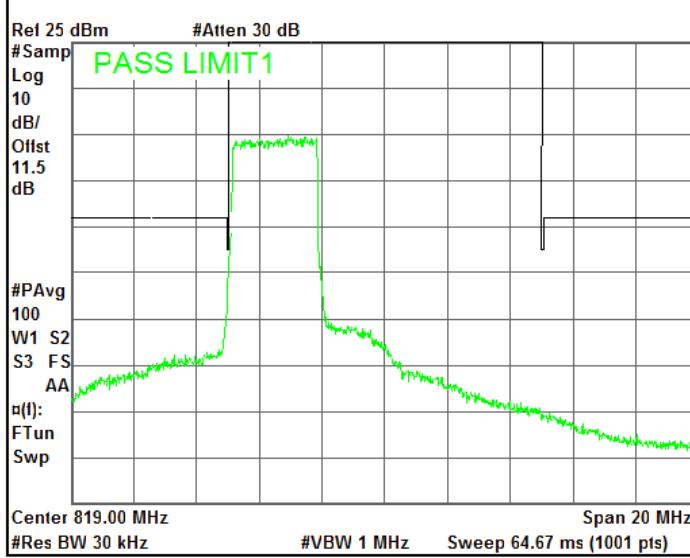




**16QAM, (3.0 MHz BAND WIDTH)**

## LOW CH, RB15-0

Agilent 13:52:16 May 8, 2015



R T

Freq/Channel

Center Freq 819.000000 MHz

Start Freq 809.000000 MHz

Stop Freq 829.000000 MHz

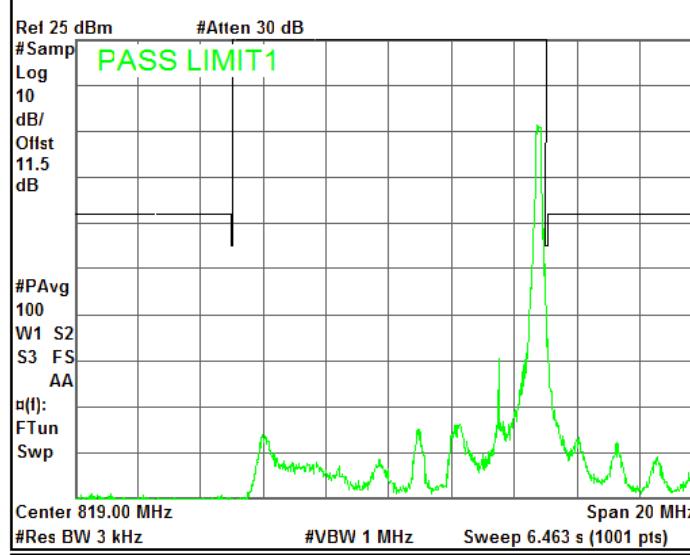
CF Step 2.0000000 MHz  
Auto Man

Freq Clfset 0.0000000 Hz

Signal Track On Clf

## HIGH CH, RB14-1

Agilent 11:04:05 May 8, 2015



R T

Freq/Channel

Center Freq 819.000000 MHz

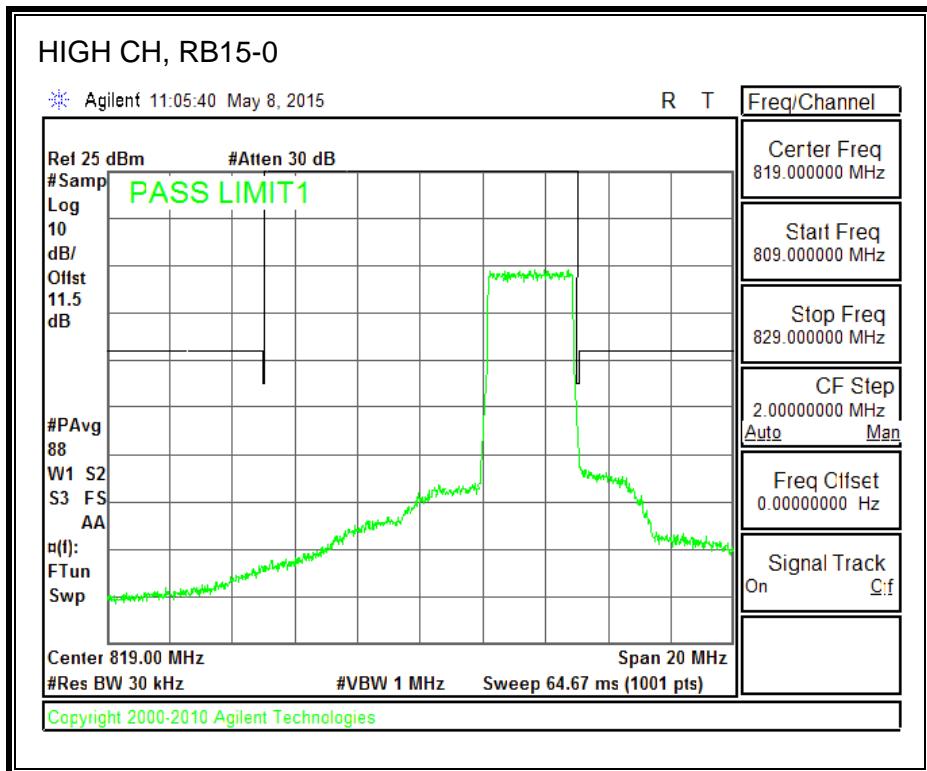
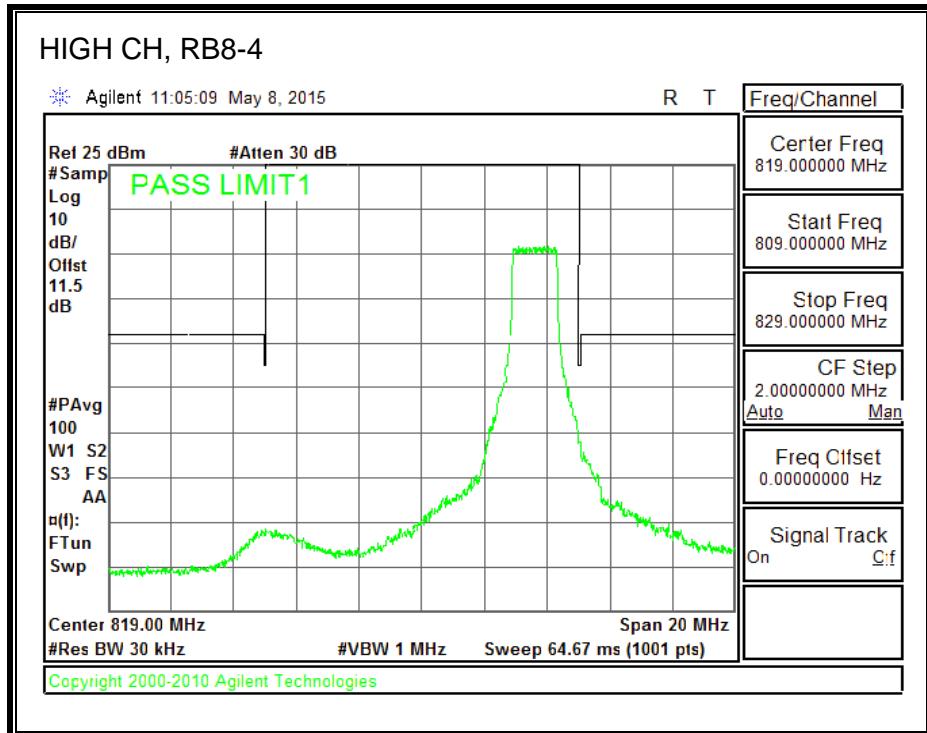
Start Freq 809.000000 MHz

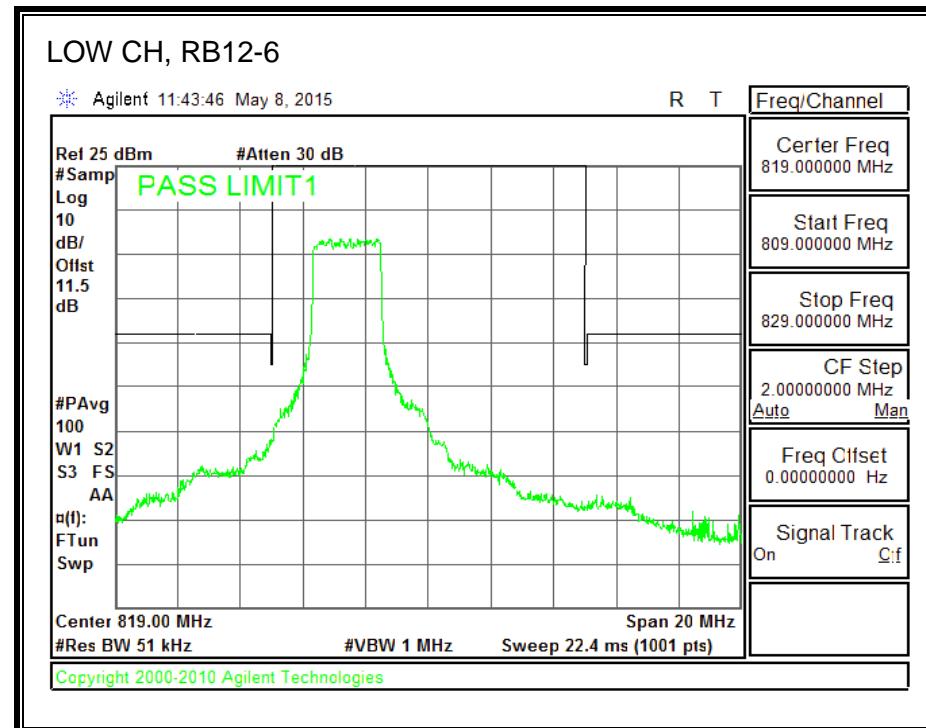
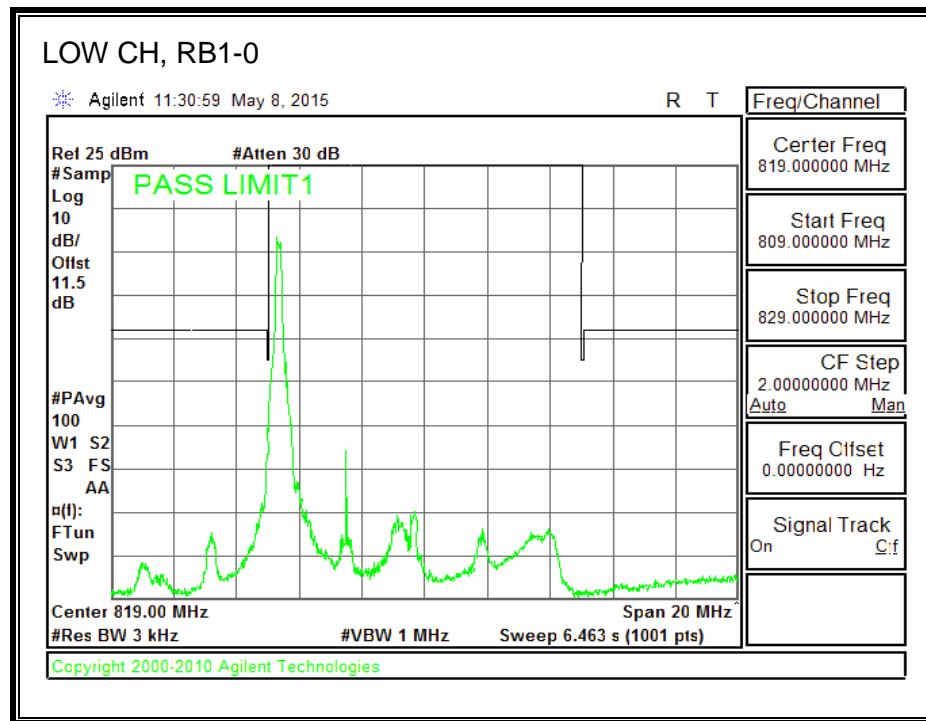
Stop Freq 829.000000 MHz

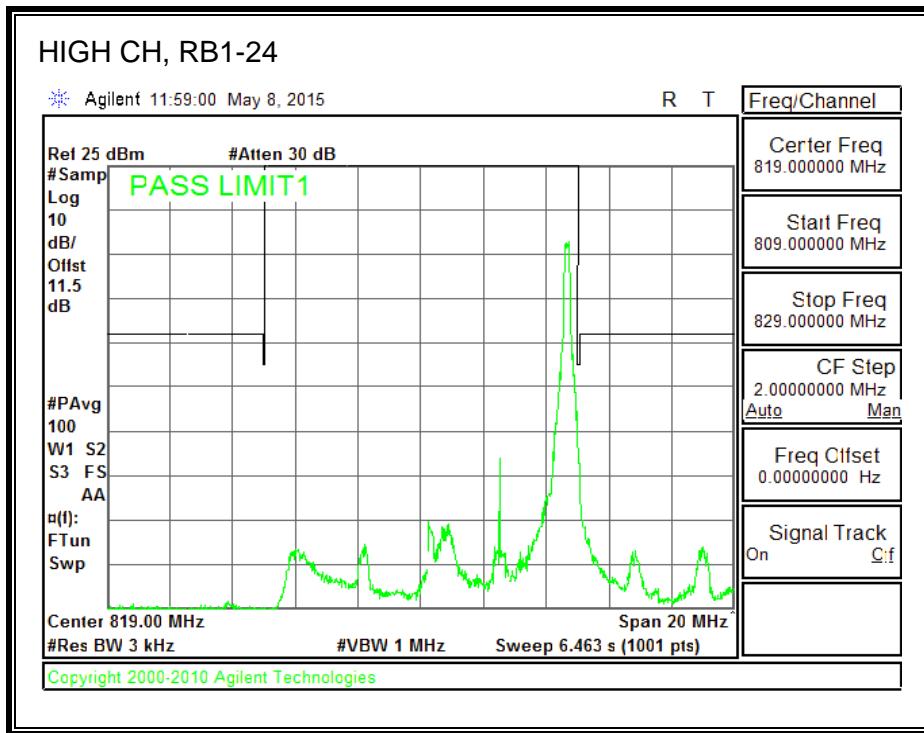
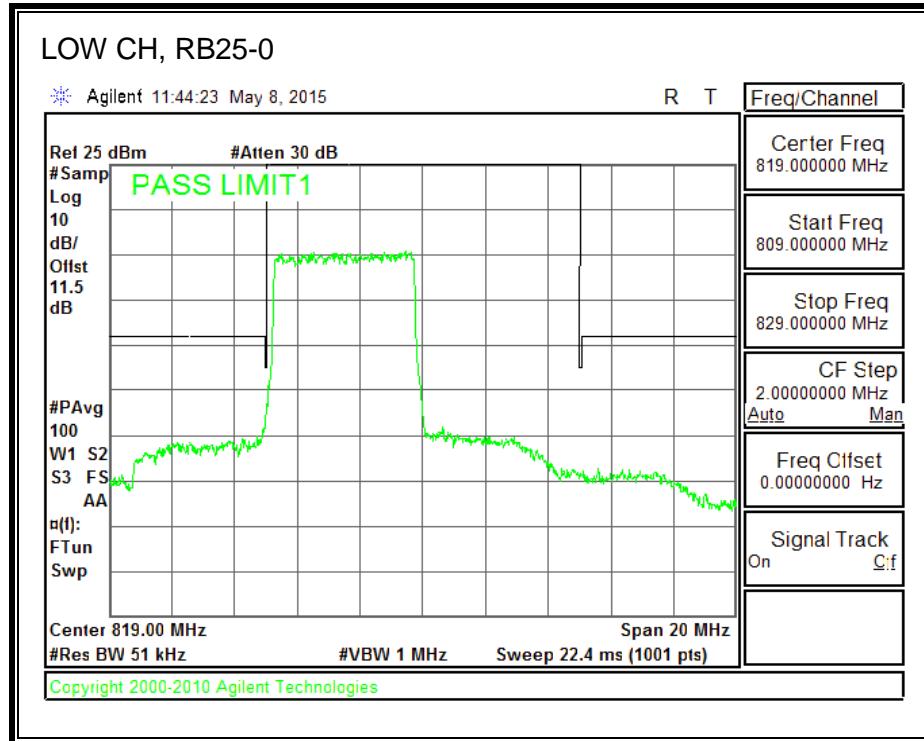
CF Step 2.0000000 MHz  
Auto Man

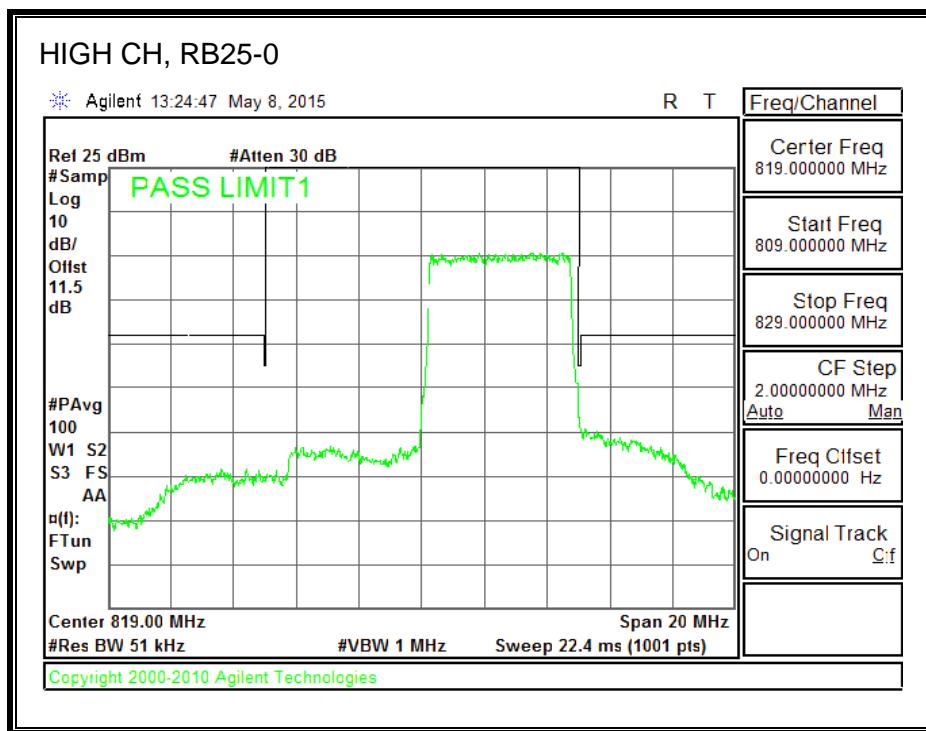
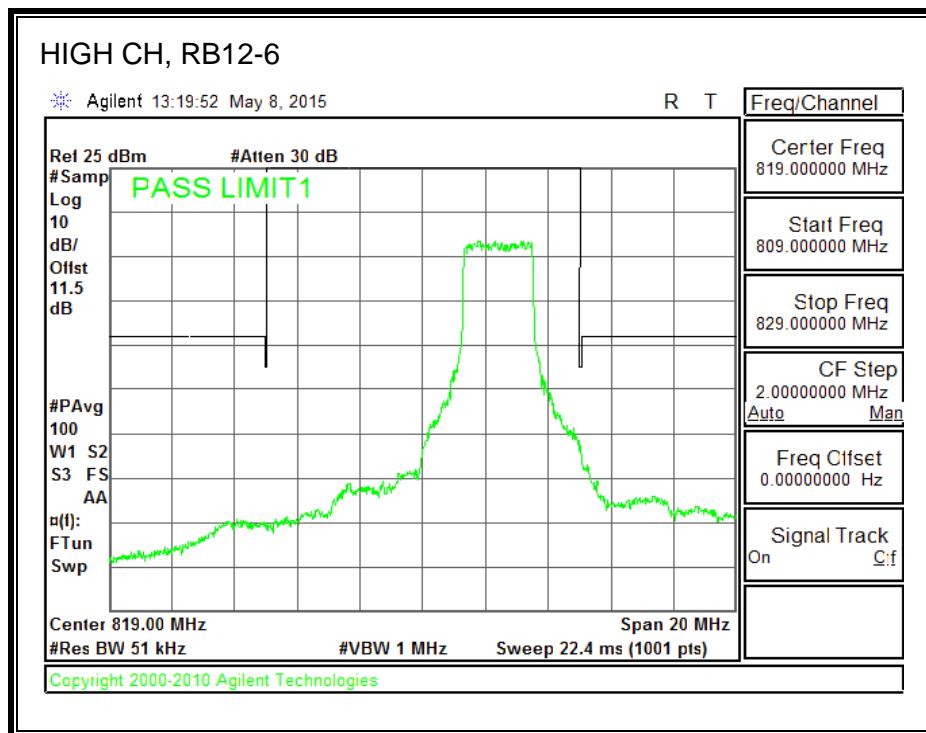
Freq Clfset 0.0000000 Hz

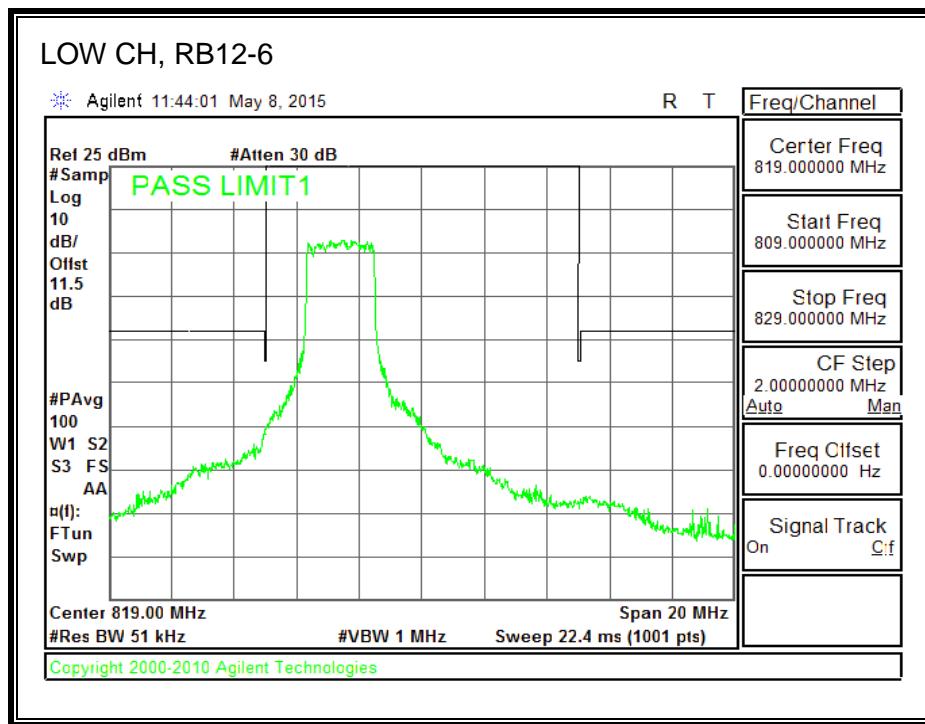
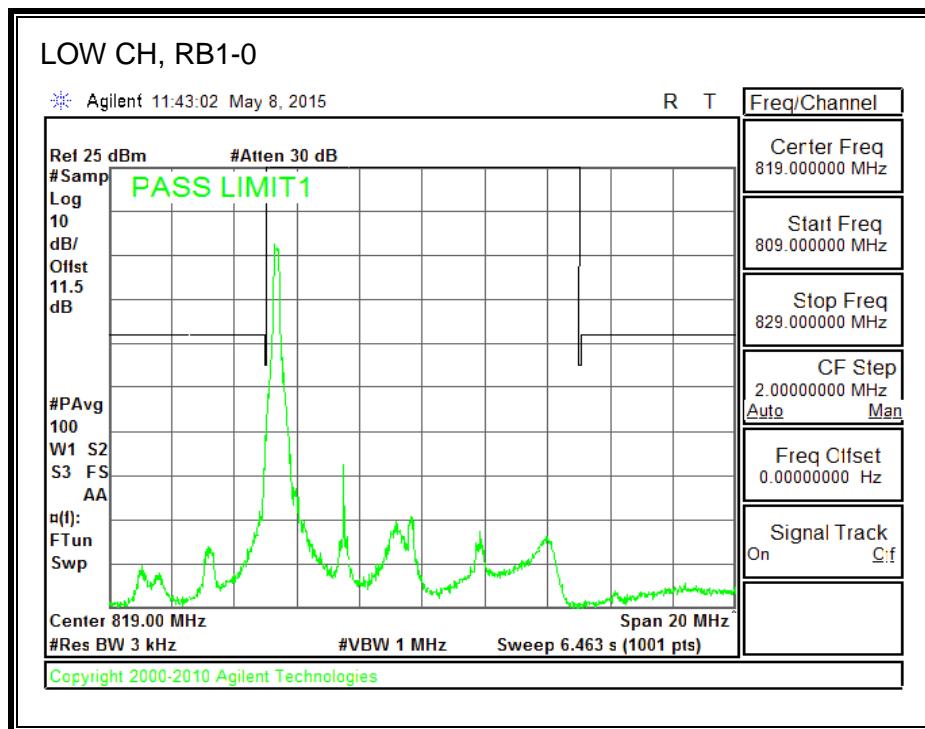
Signal Track On Clf

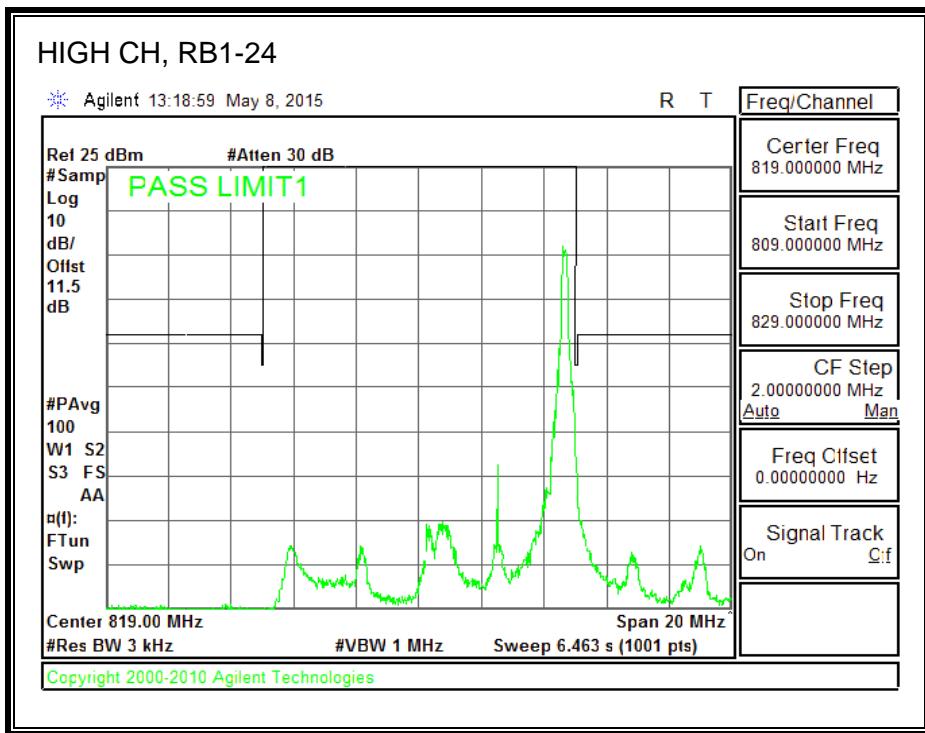
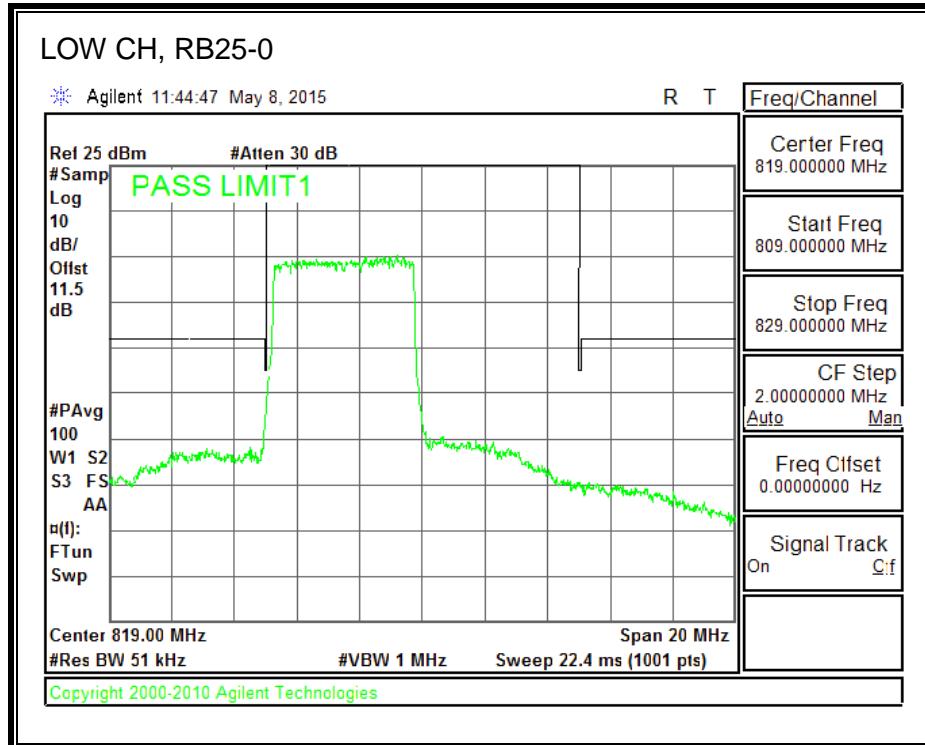


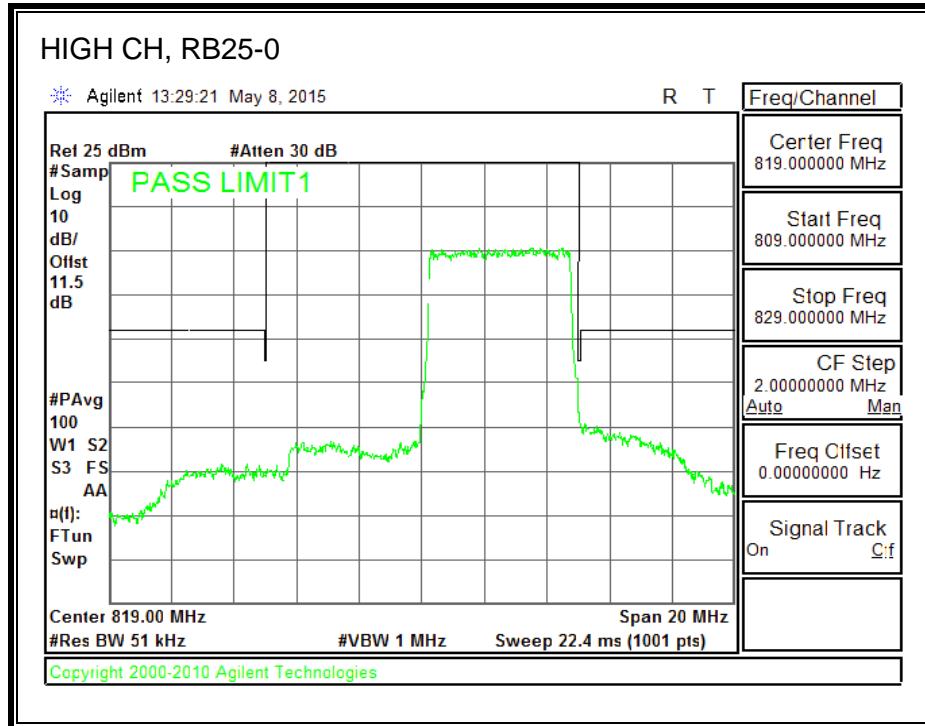
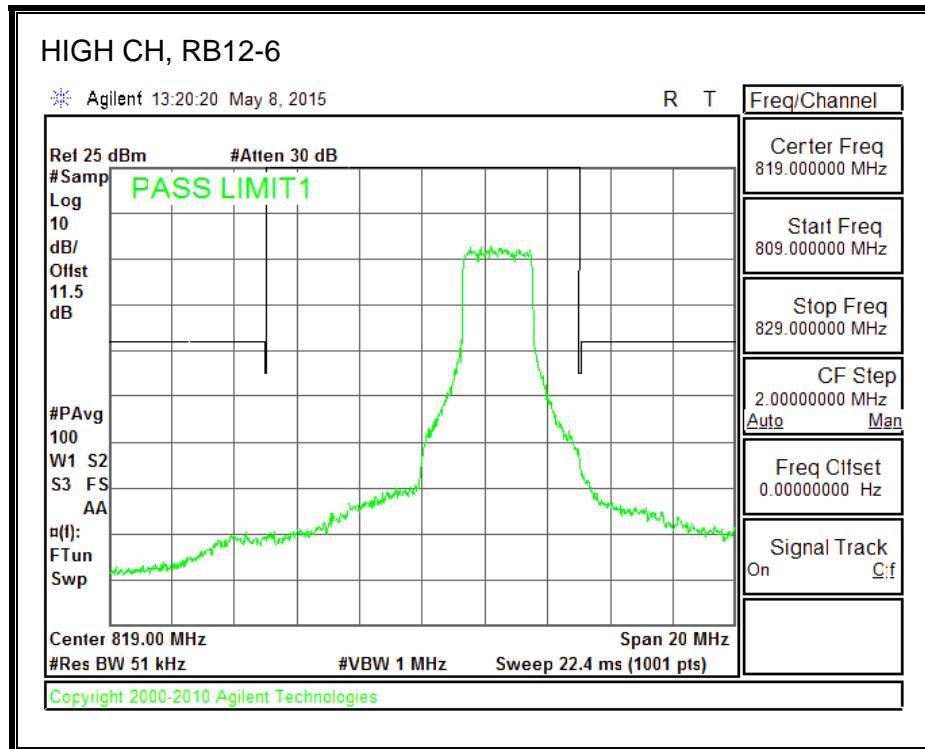
**QPSK, (5.0 MHz BAND WIDTH)**

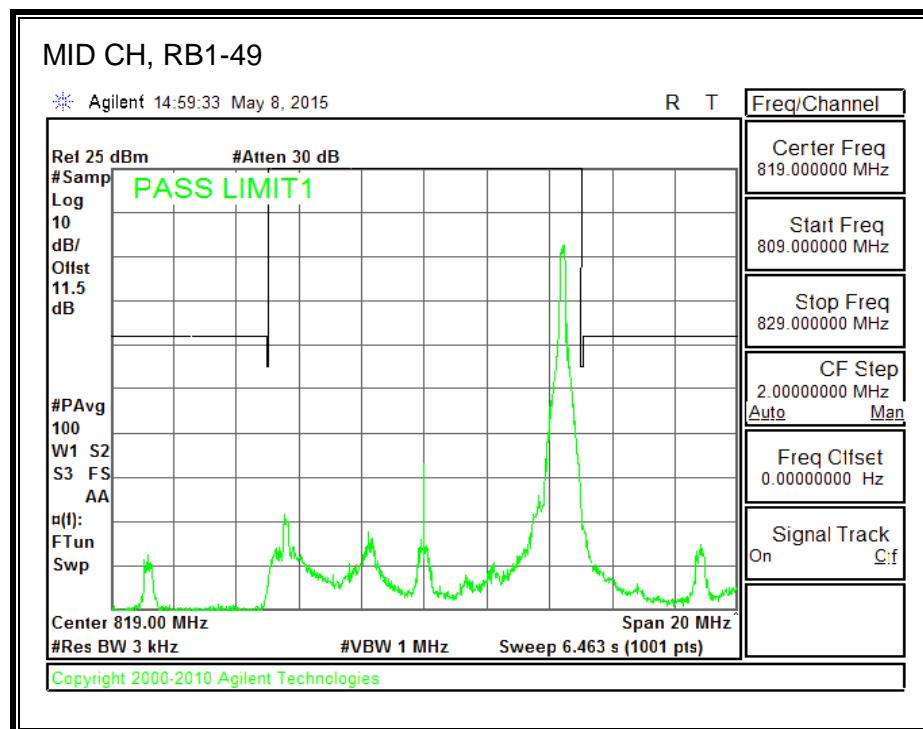
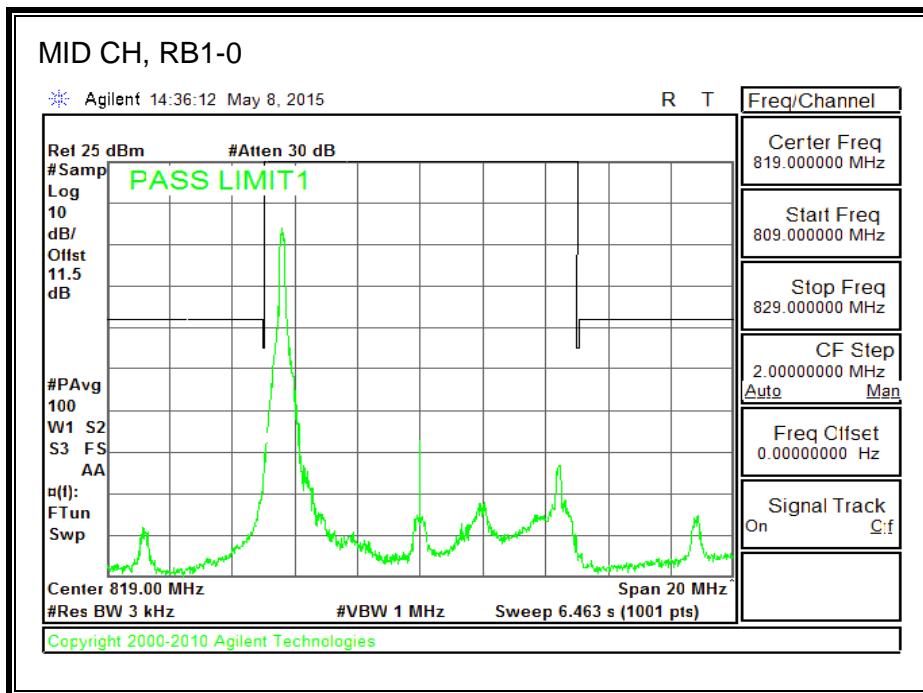


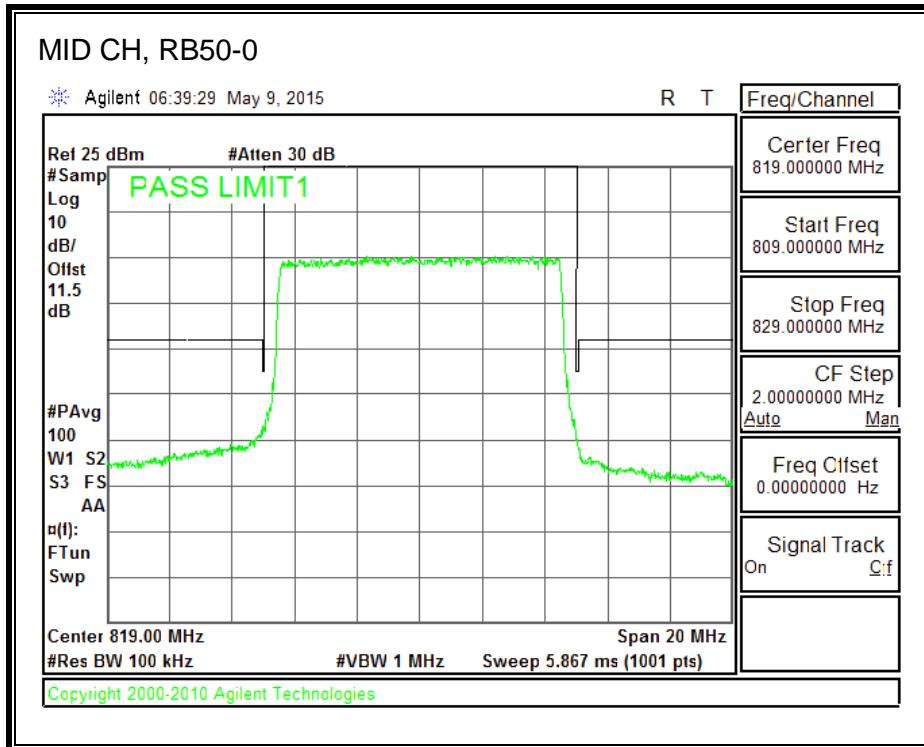
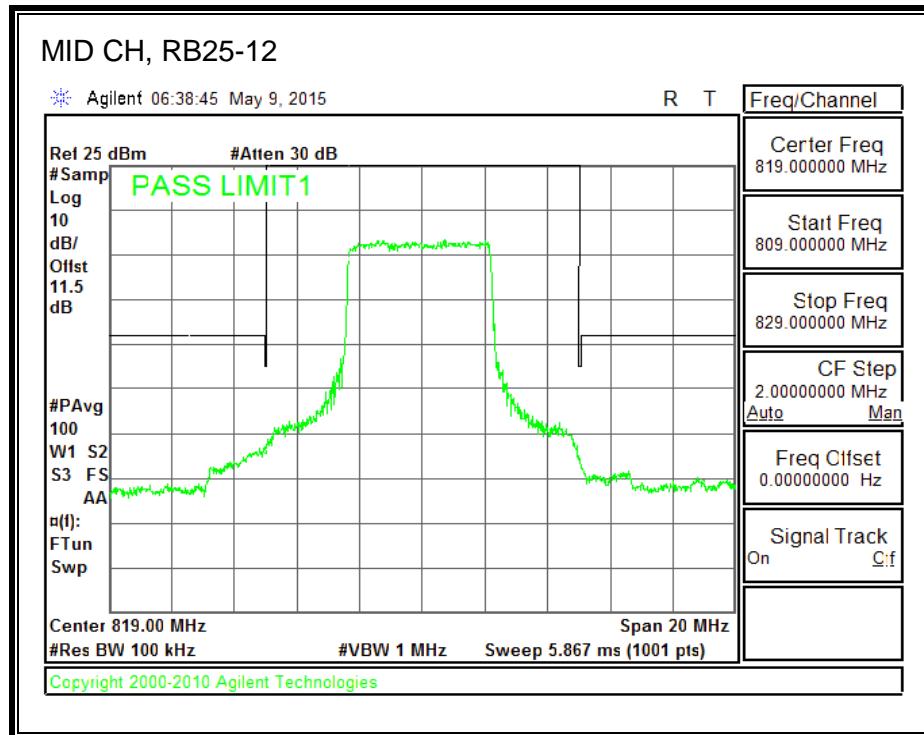


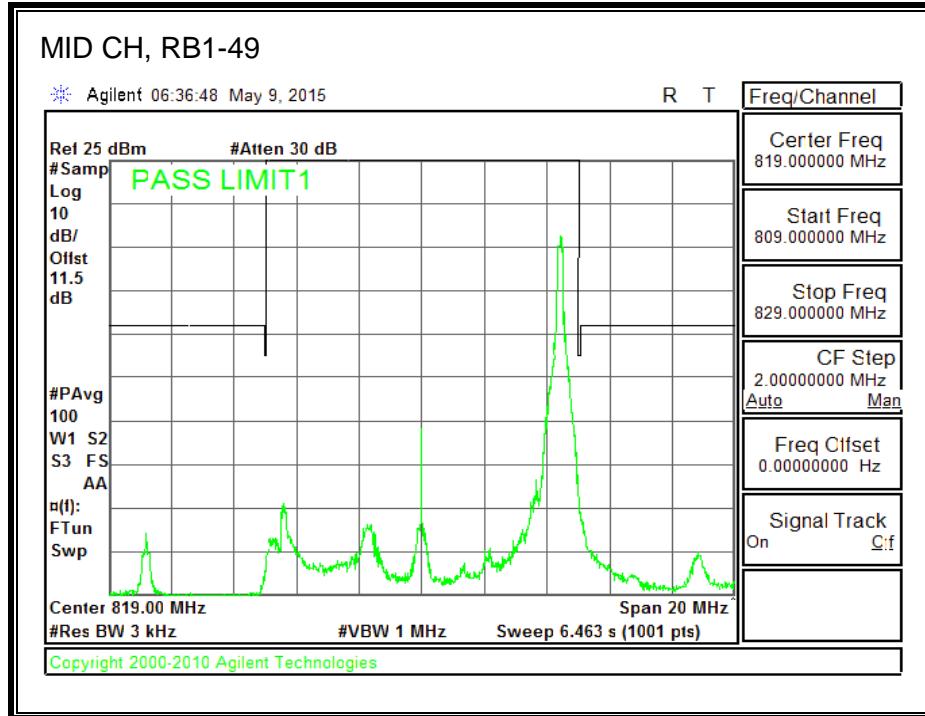
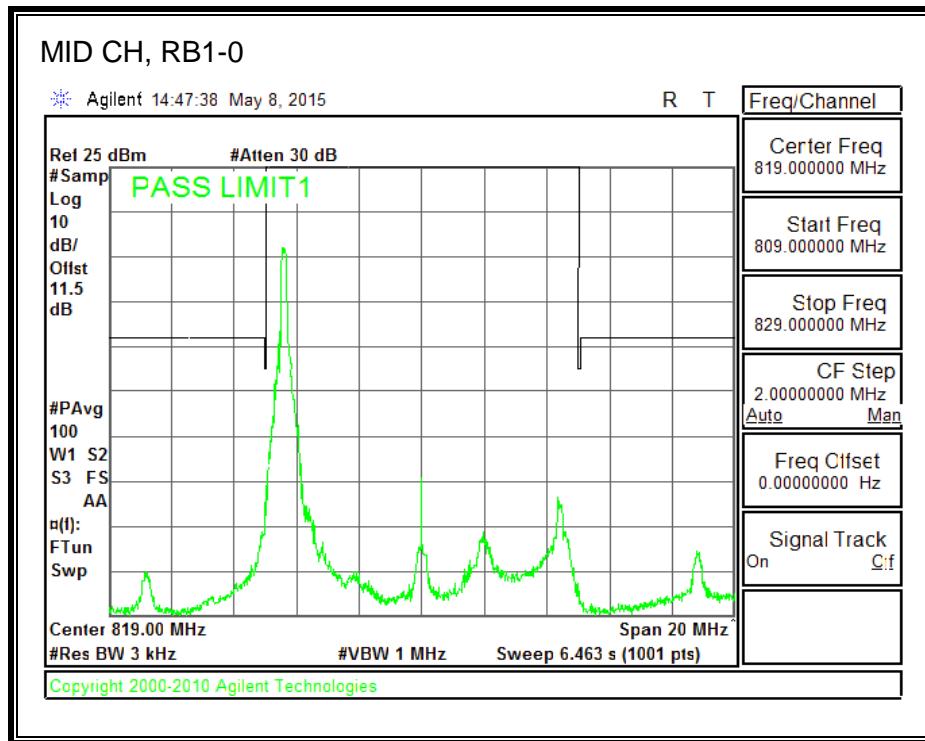
16QAM, (5.0 MHz BAND WIDTH)

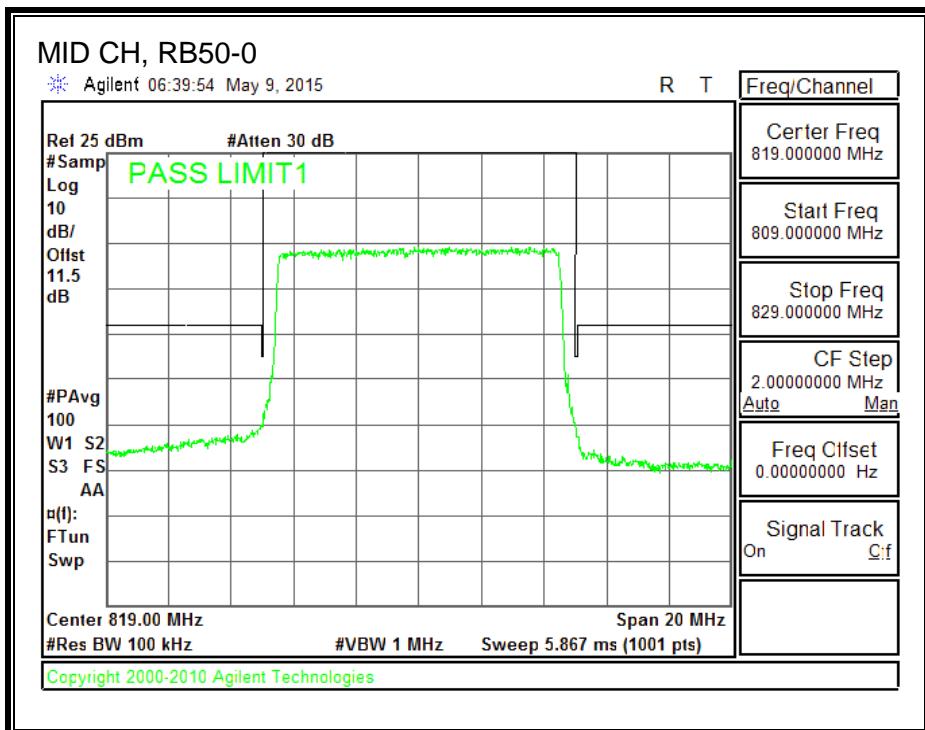
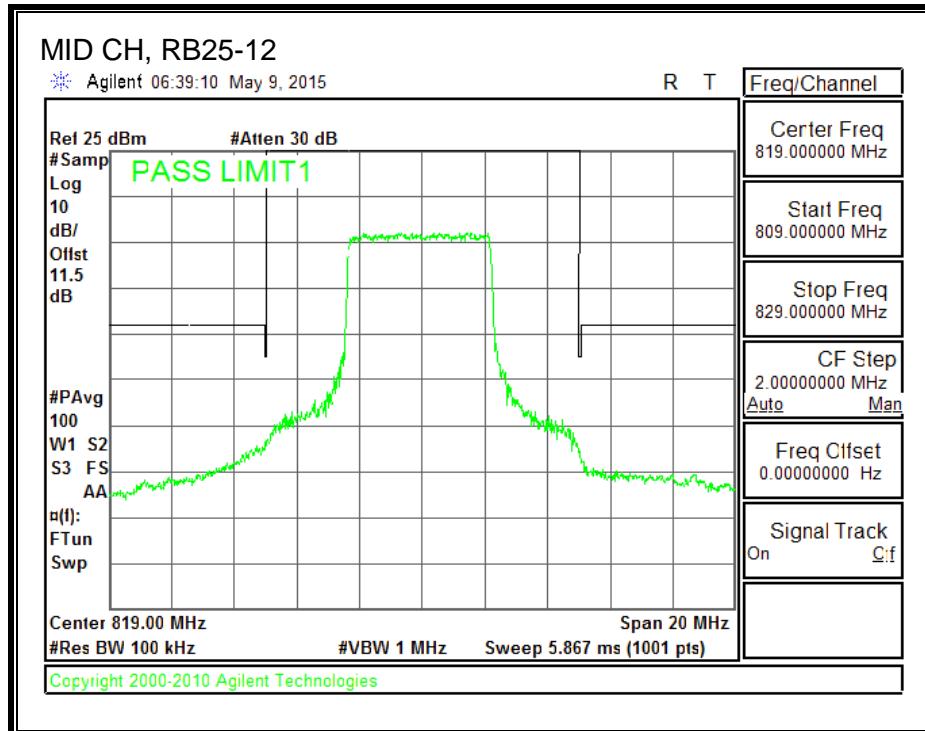




**QPSK, (10.0 MHz BAND WIDTH)**

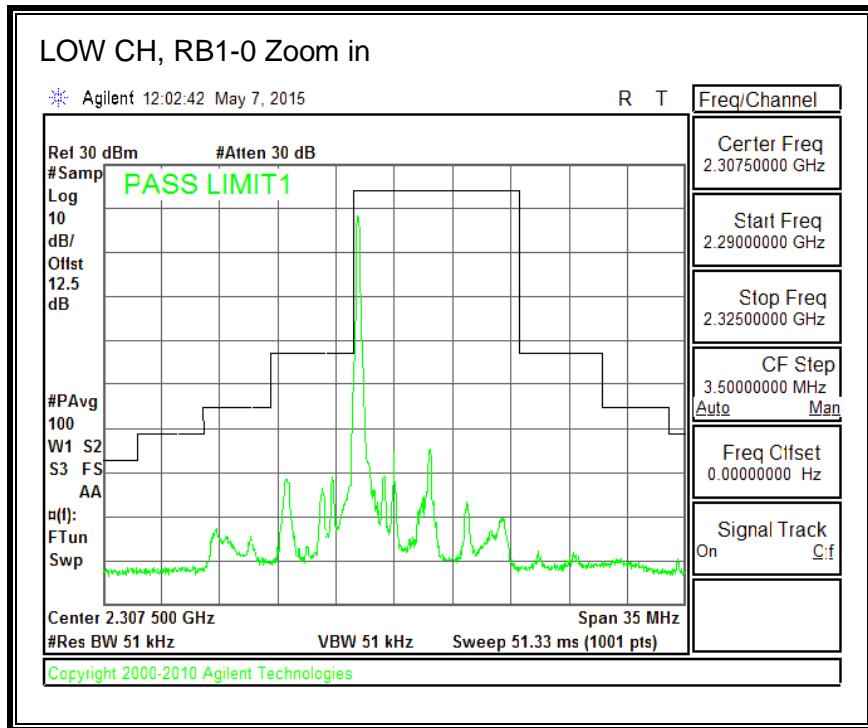
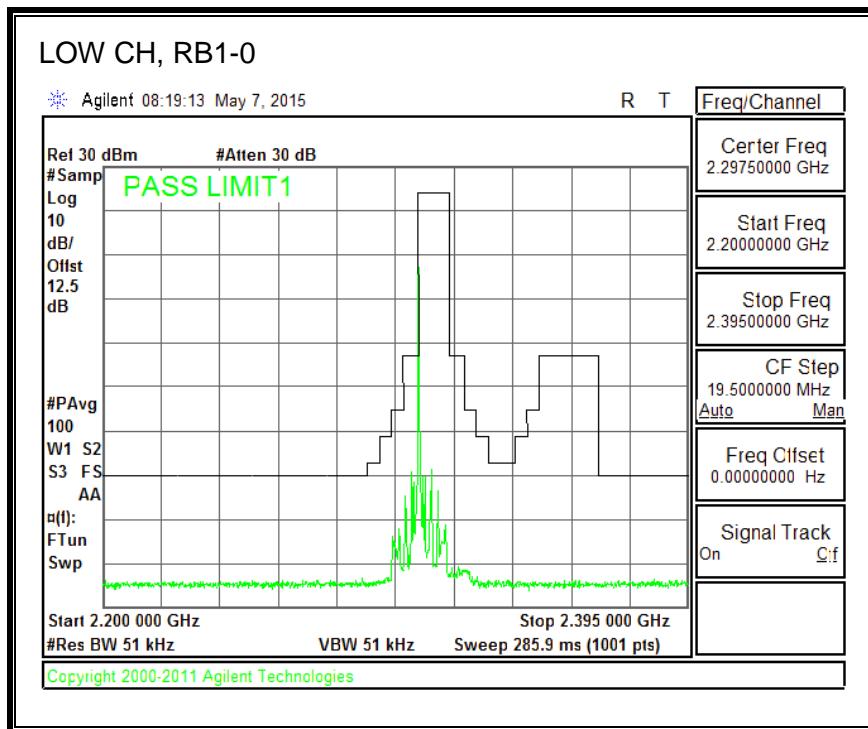


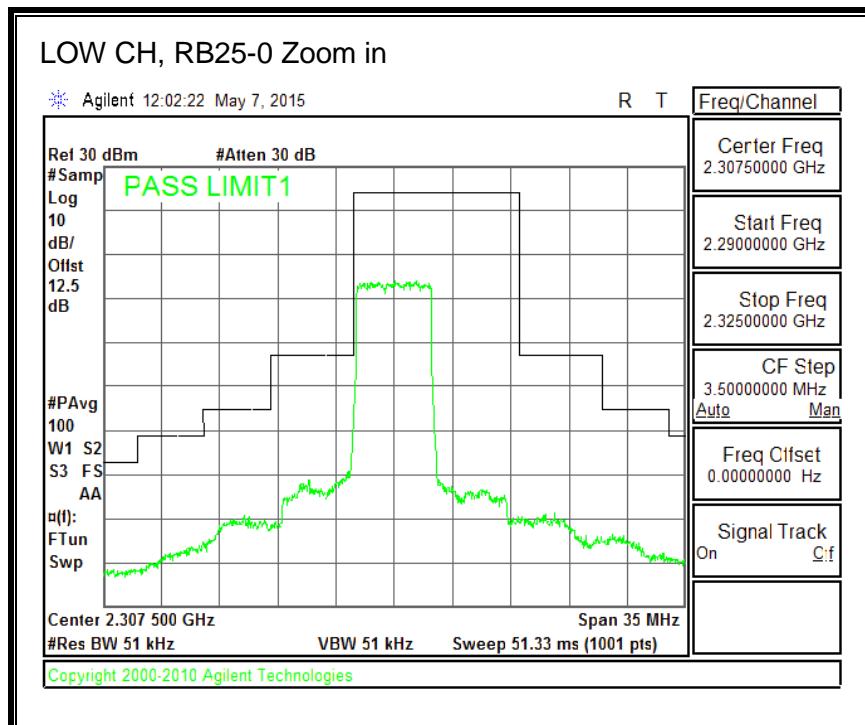
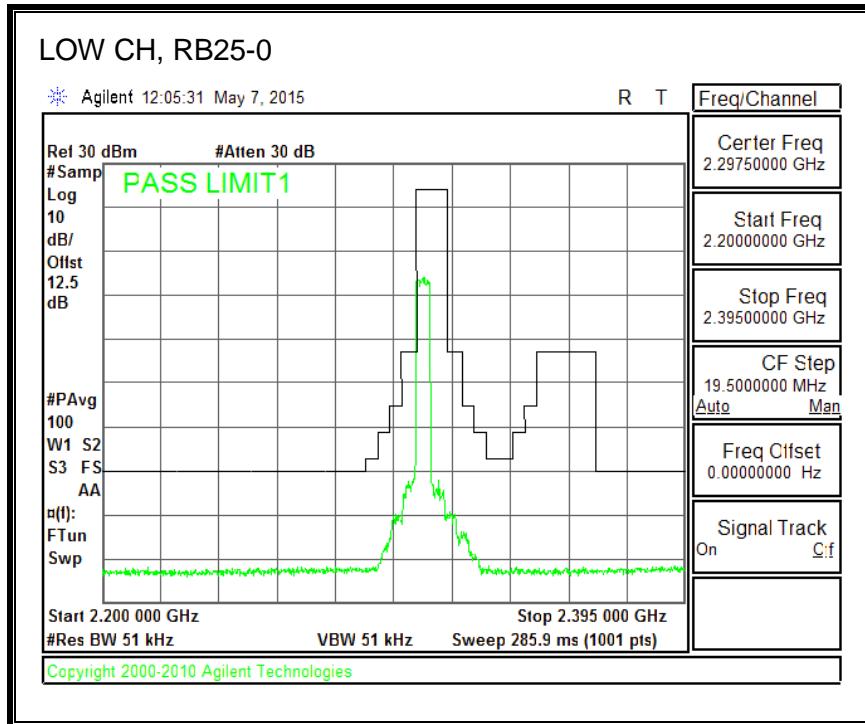
**16QAM, (10.0 MHz BAND WIDTH)**

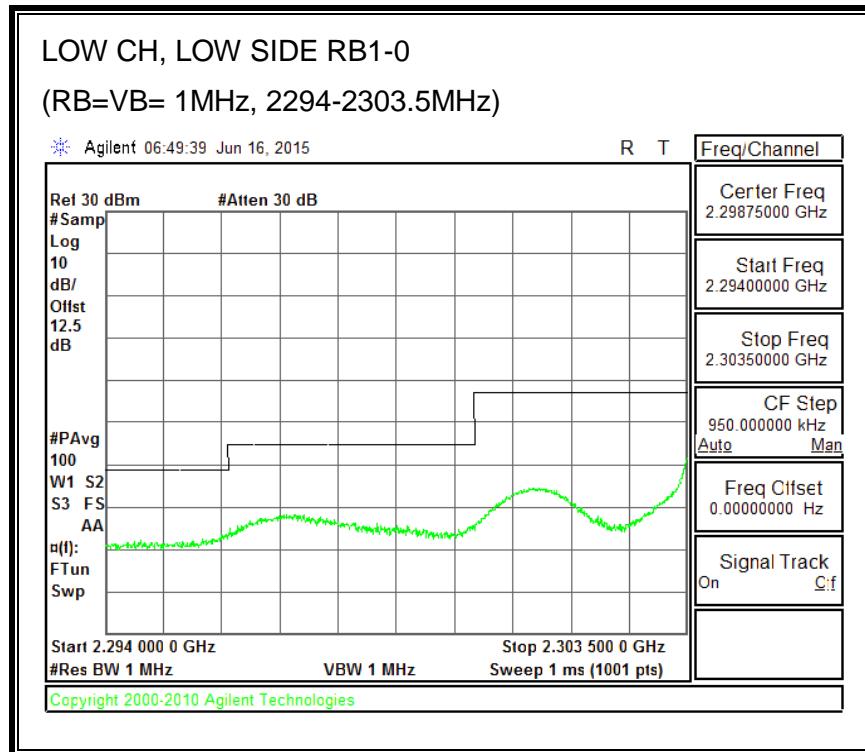
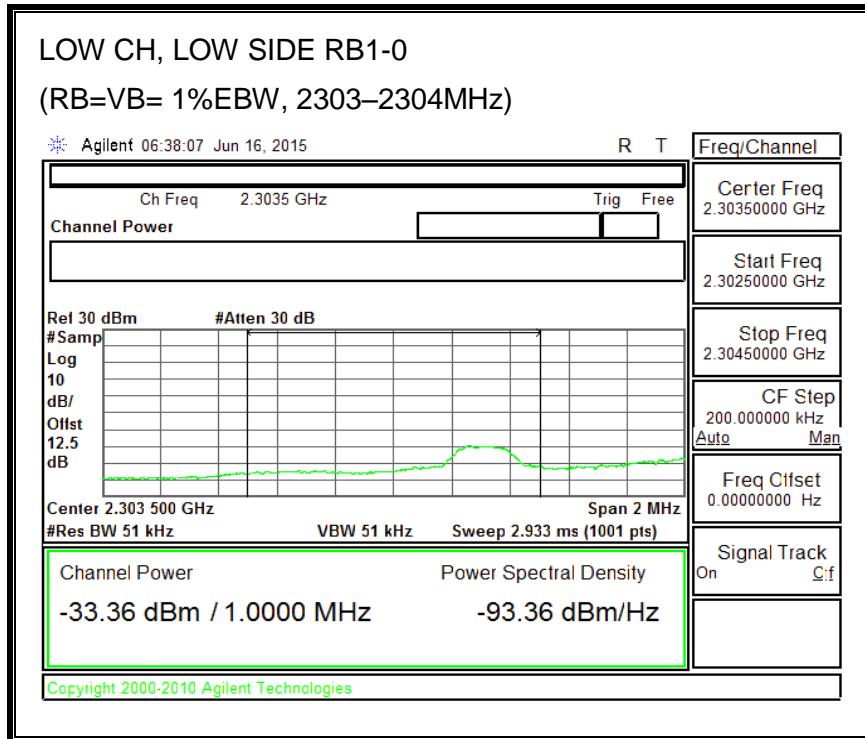


### 8.3.10. LTE BAND 30 EMISSION MASK

#### QPSK, (5.0 MHz BAND WIDTH)

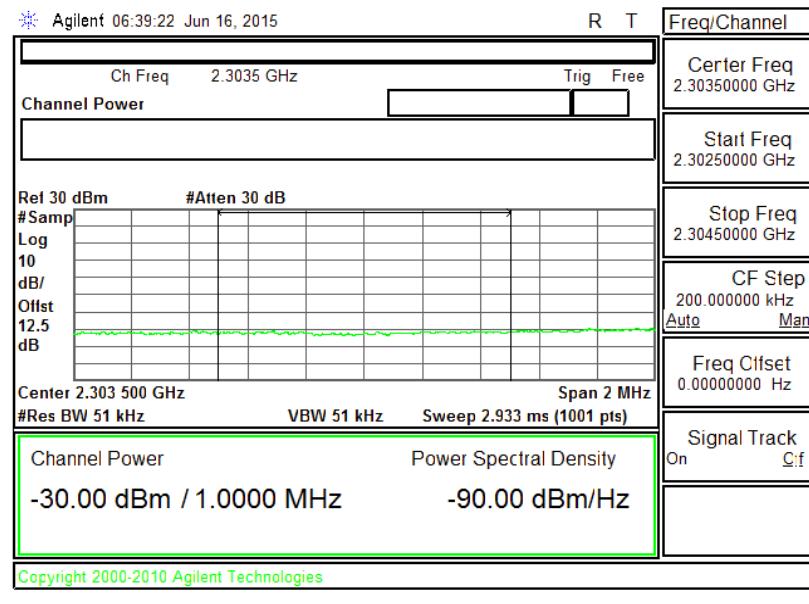






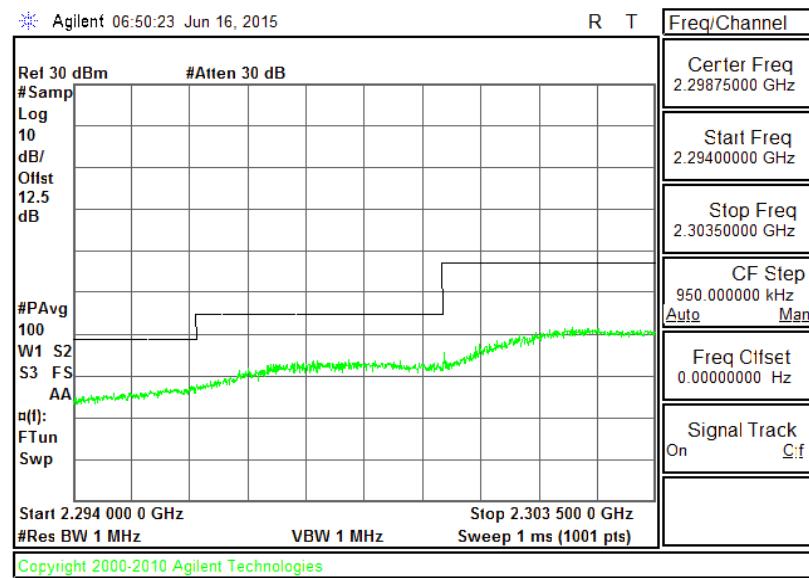
## LOW CH, LOW SIDE RB25-0

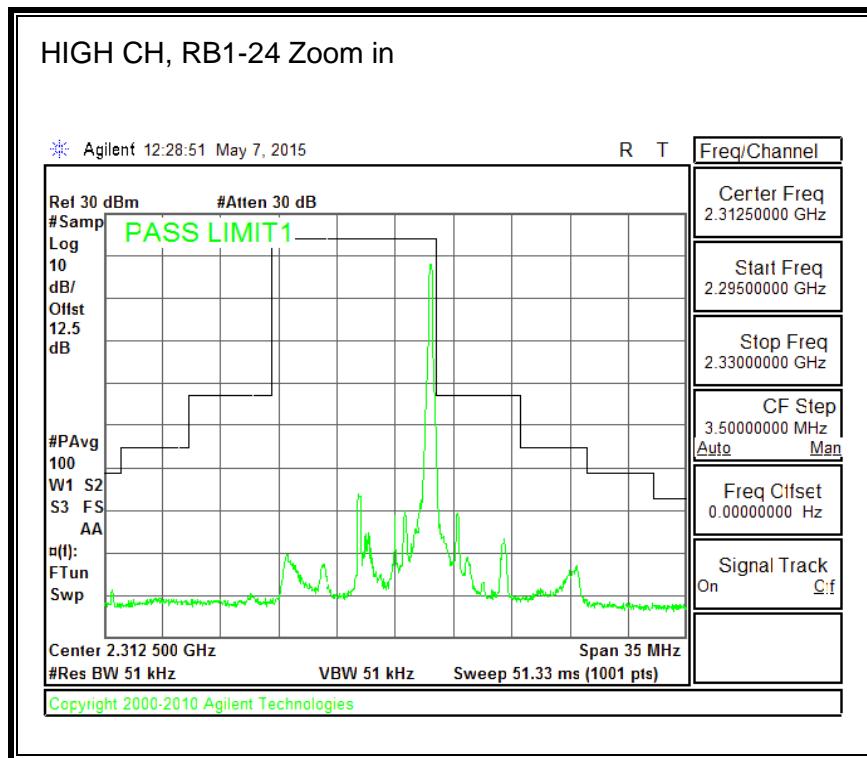
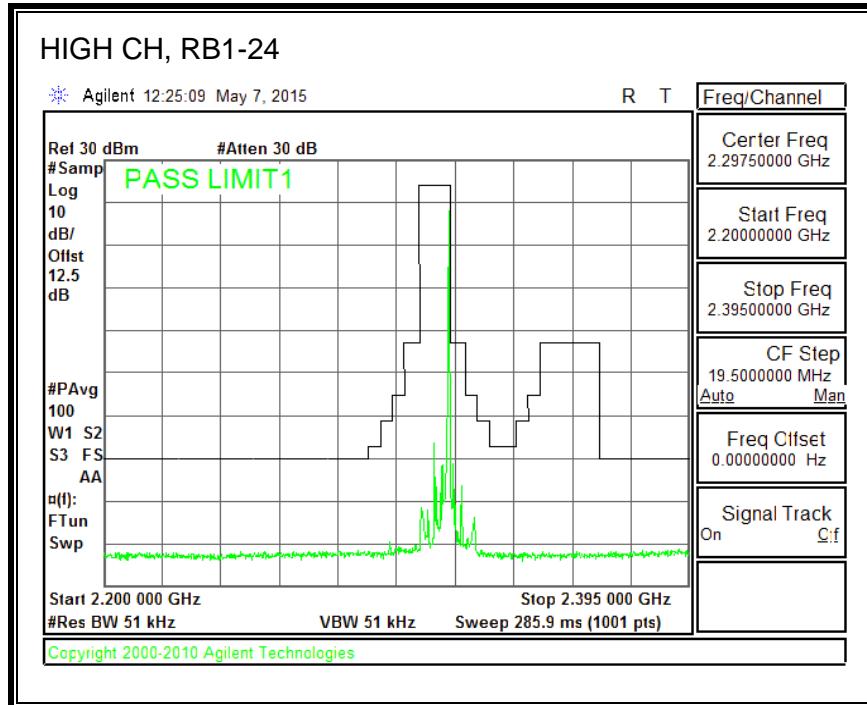
(RB=VB= 1%EBW, 2303–2304MHz)

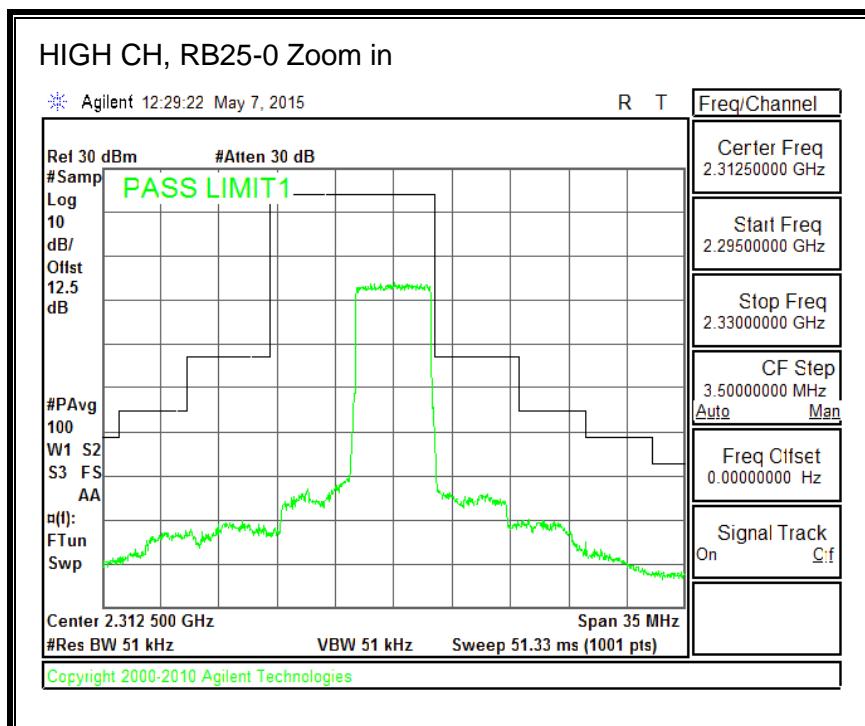
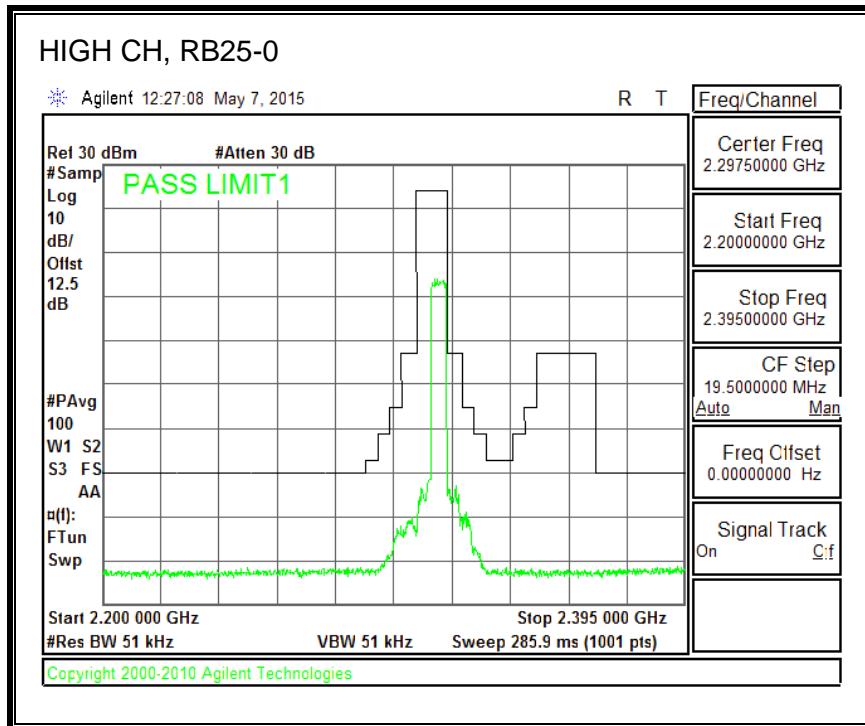


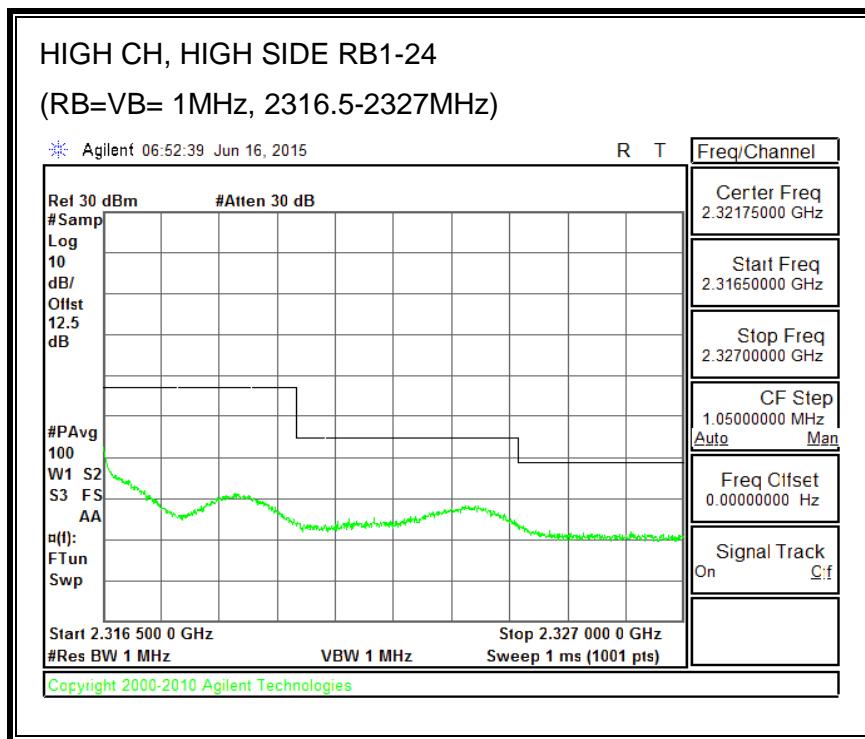
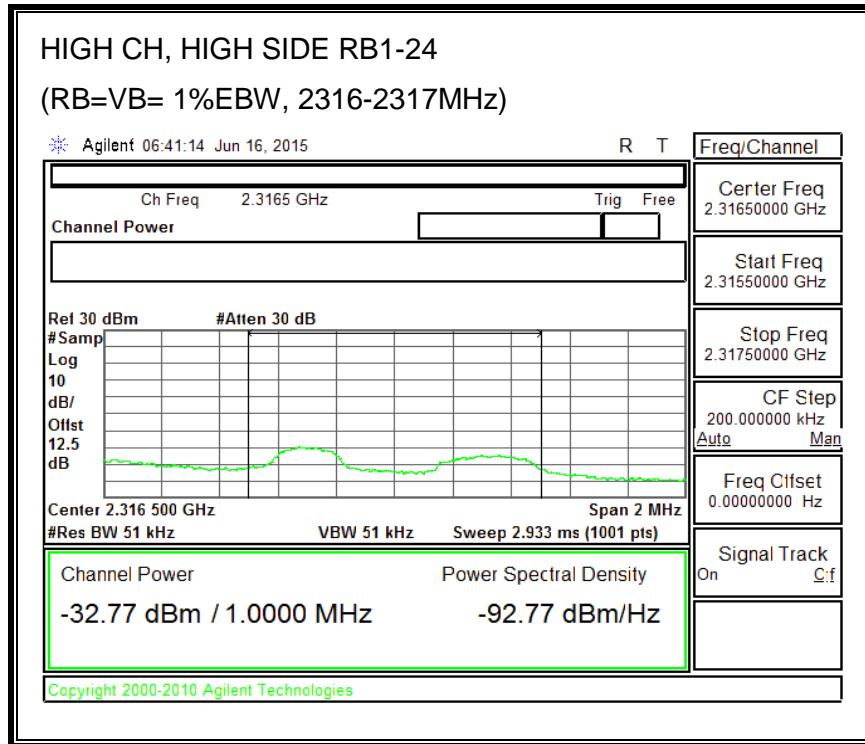
## LOW CH, LOW SIDE RB25-0

(RB=VB= 1MHz, 2294–2303.5MHz)



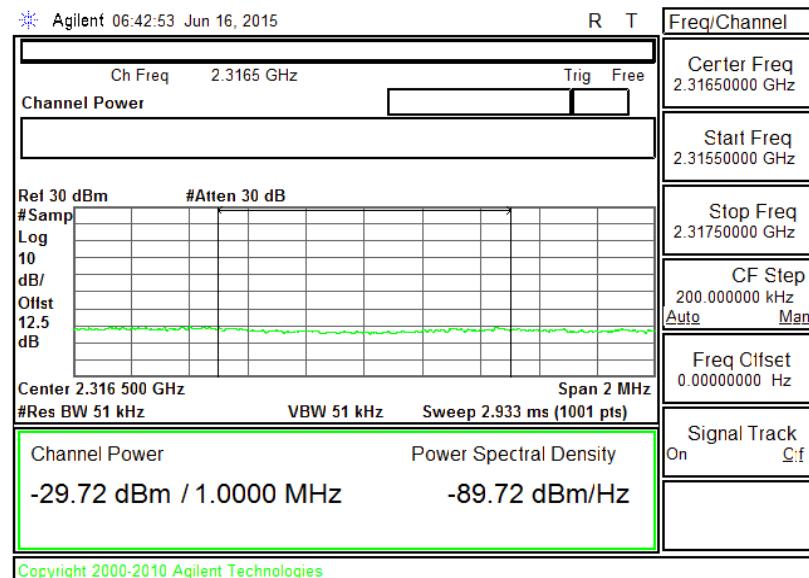






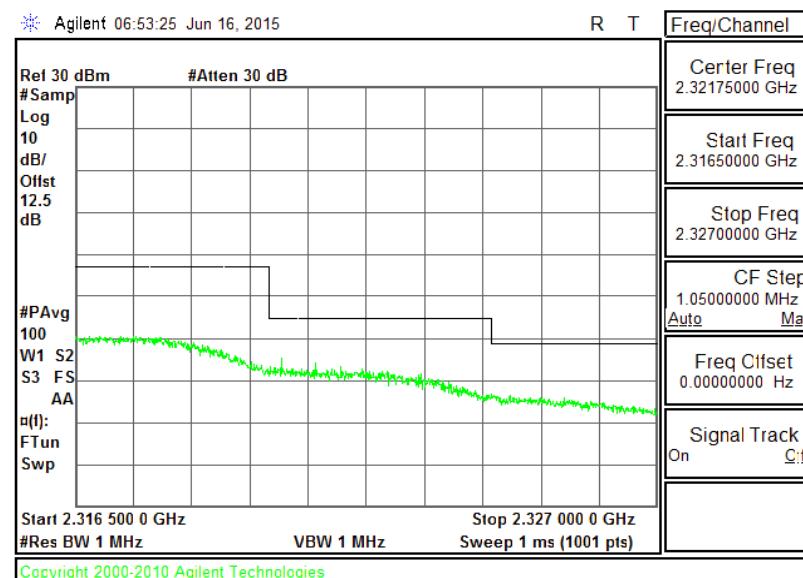
## HIGH CH, HIGH SIDE RB25-0

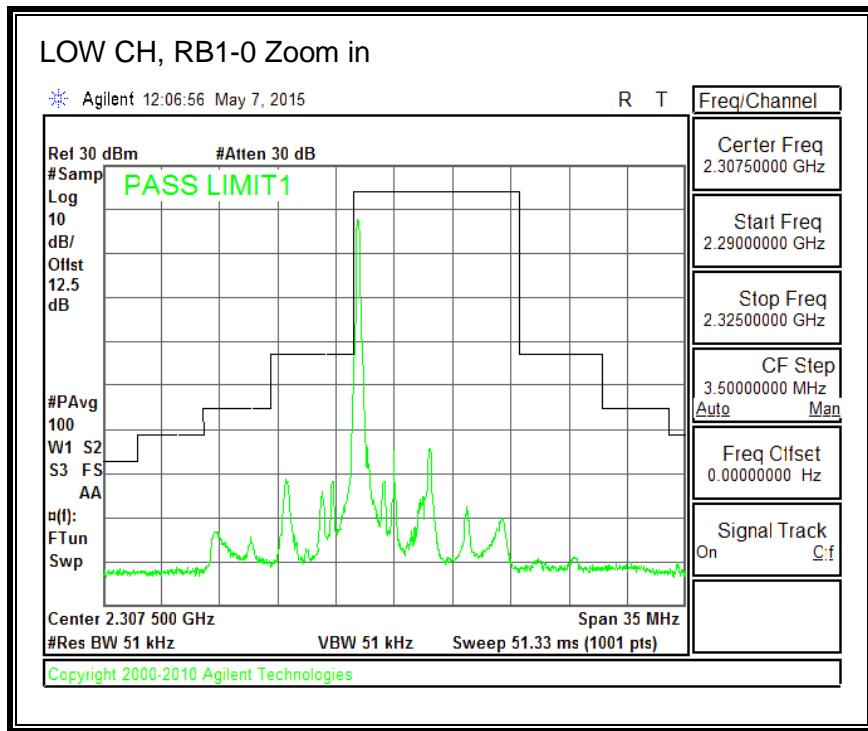
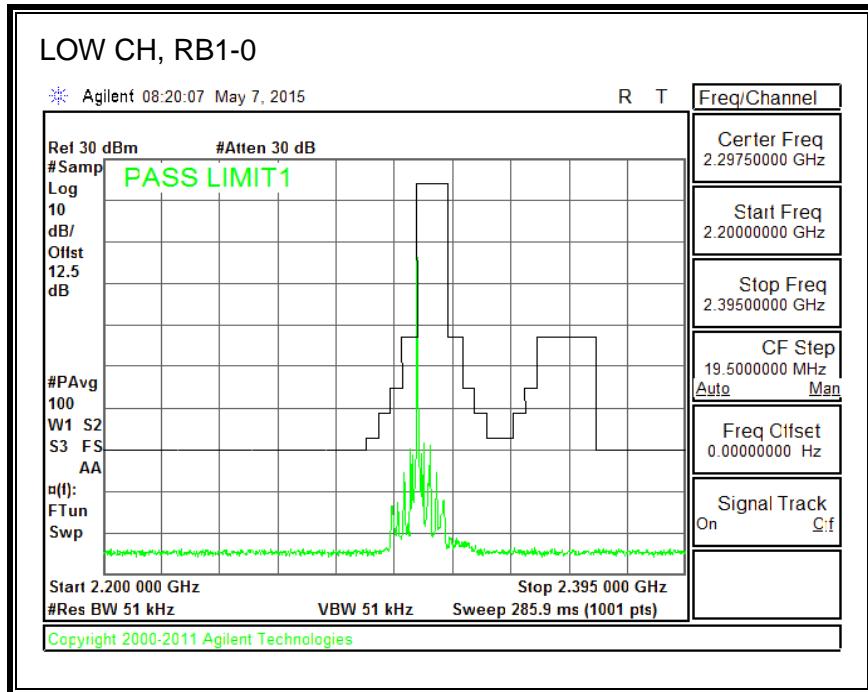
(RB=VB= 1%EBW, 2316-2317MHz)

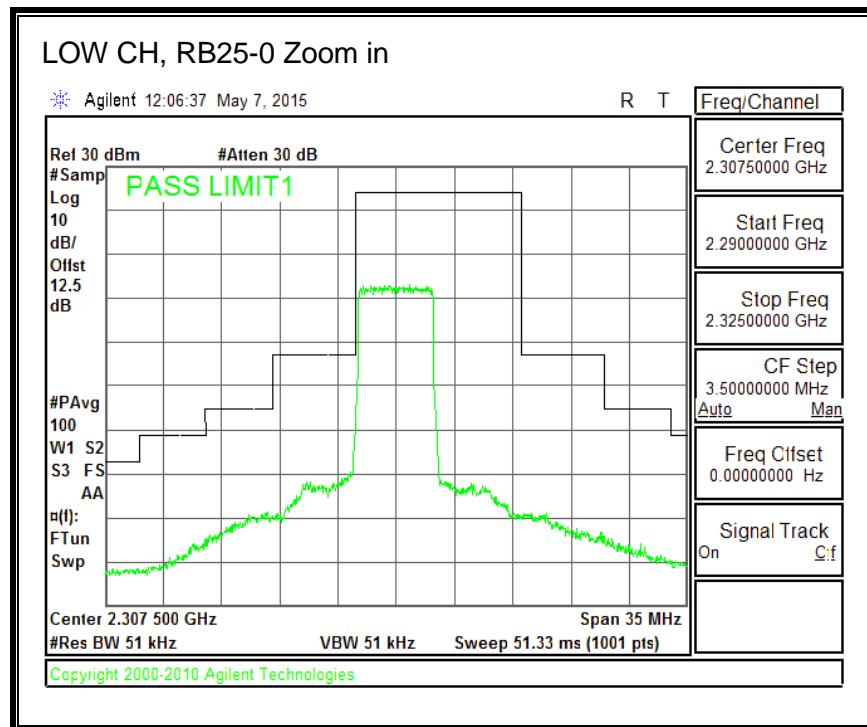
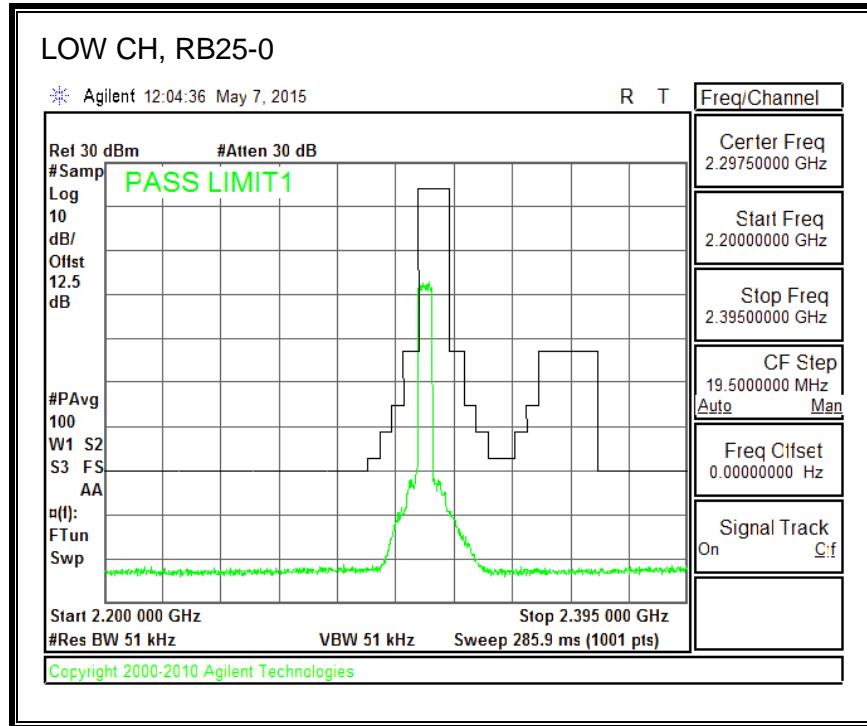


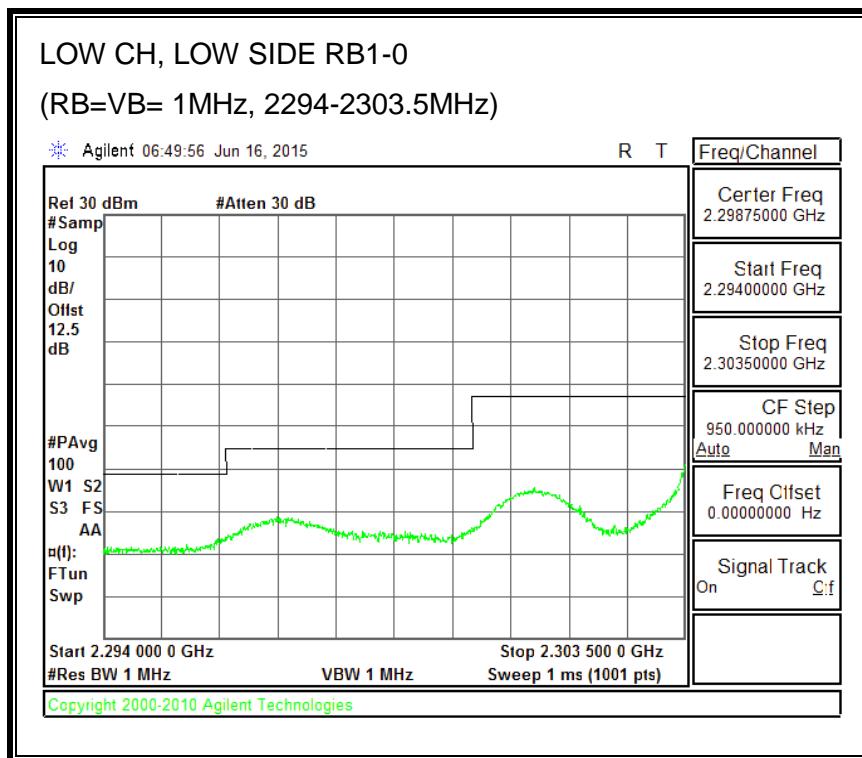
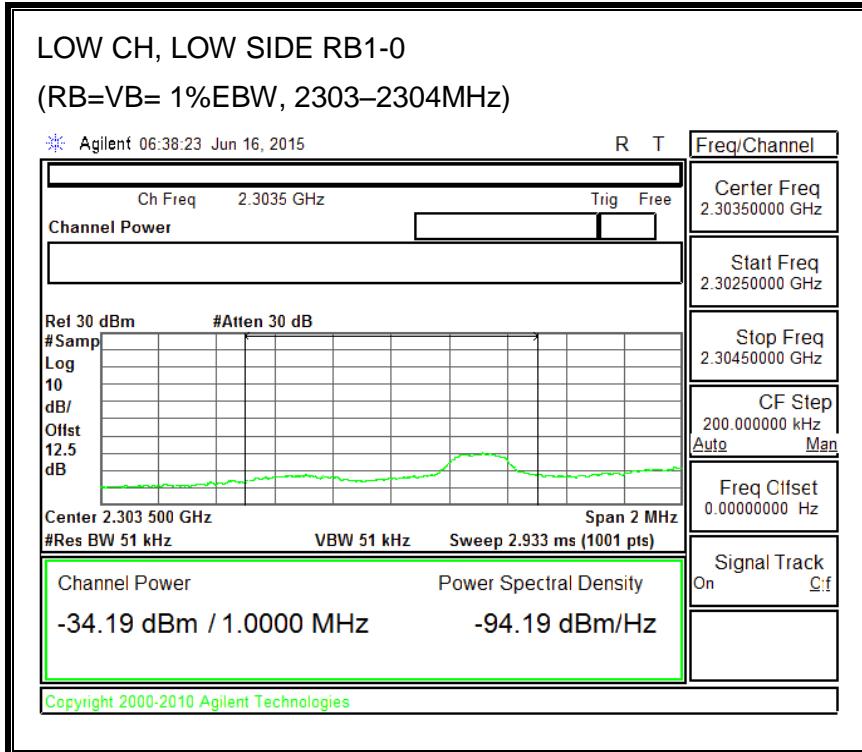
## HIGH CH, HIGH SIDE RB25-0

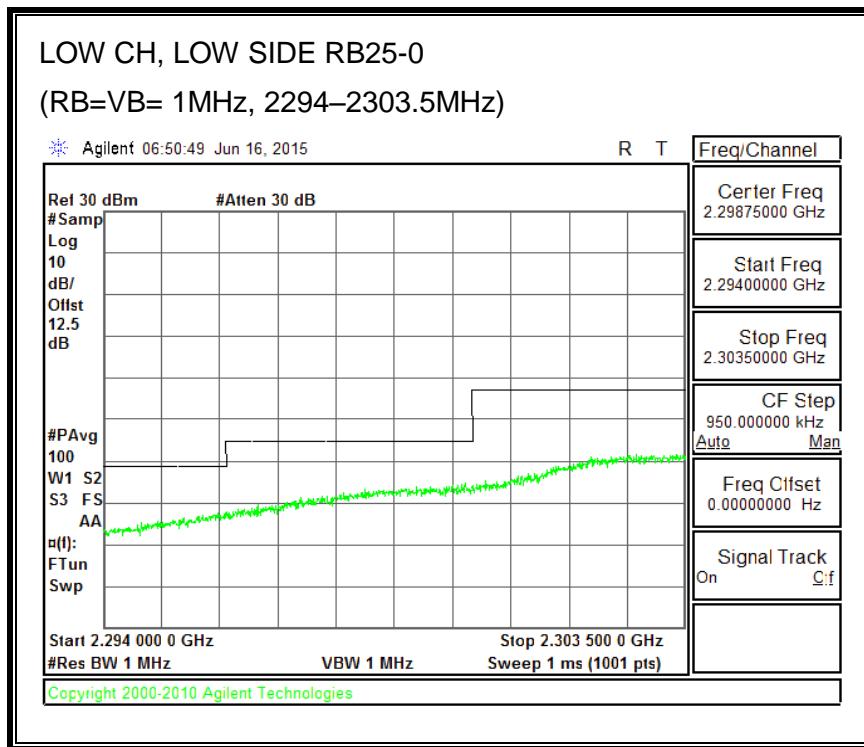
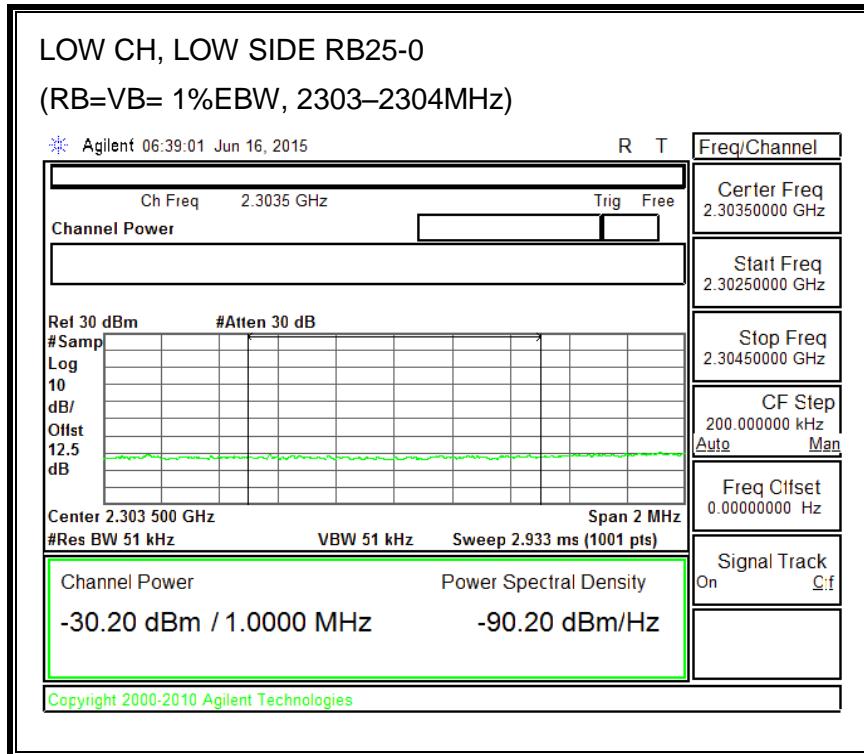
(RB=VB= 1MHz, 2316.5–2327MHz)

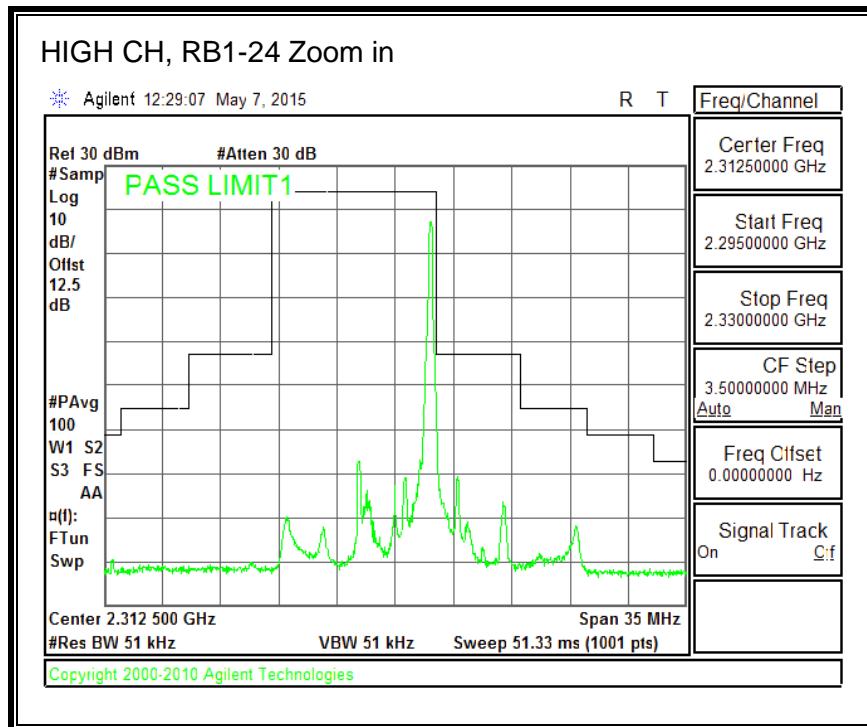
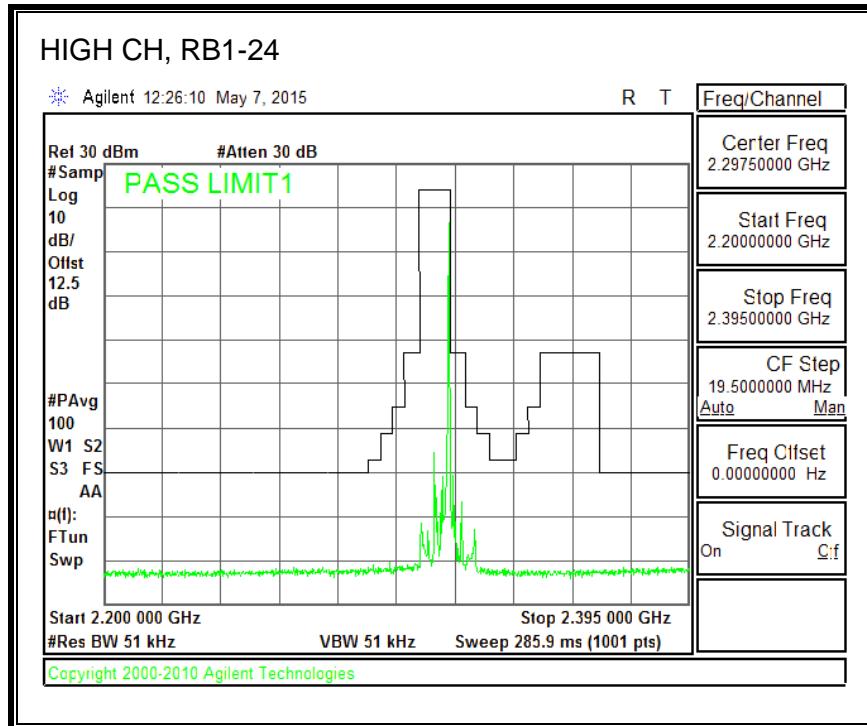


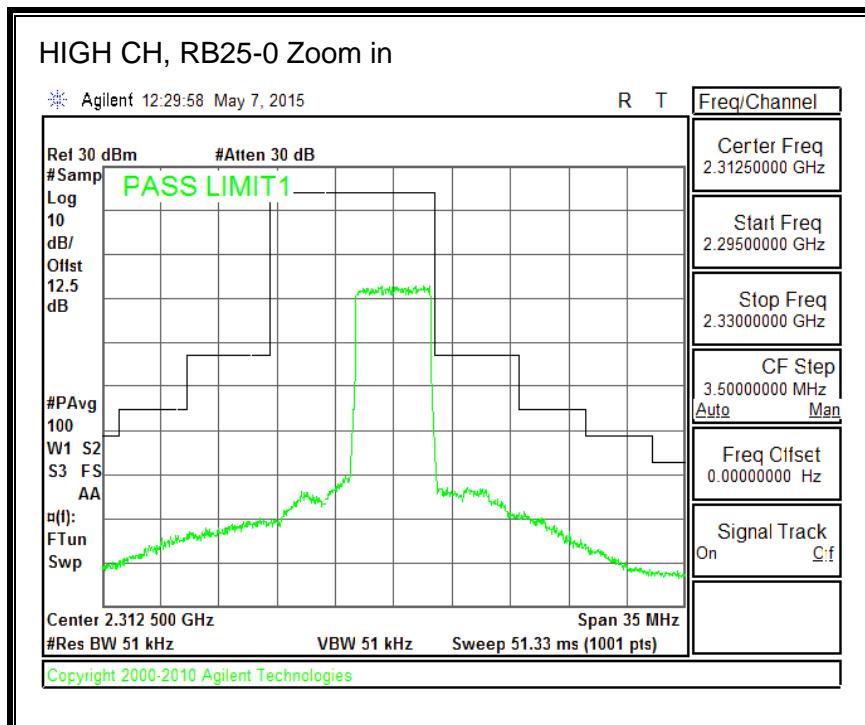
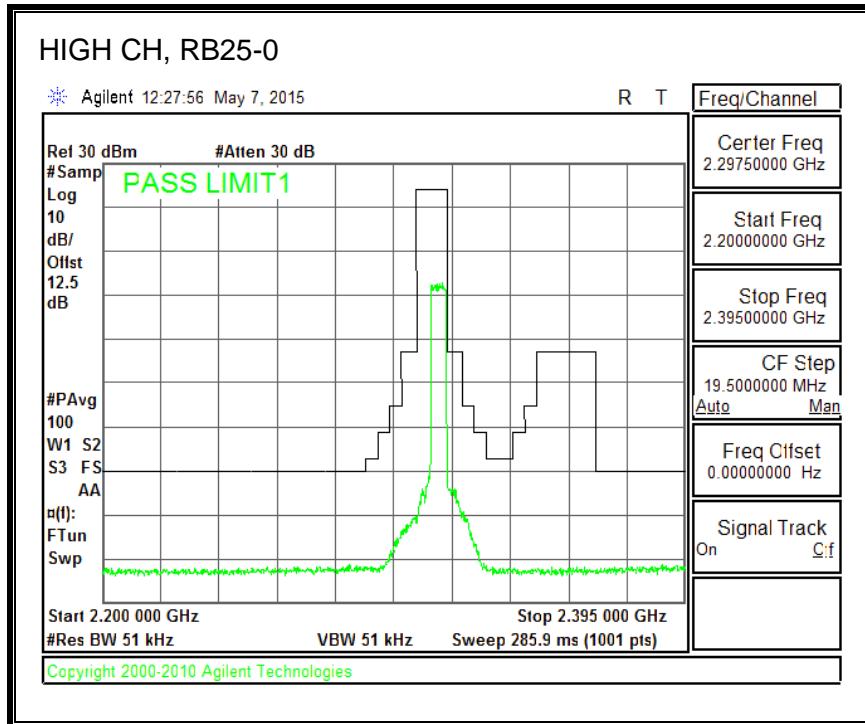
**16QAM, (5.0 MHz BAND WIDTH)**

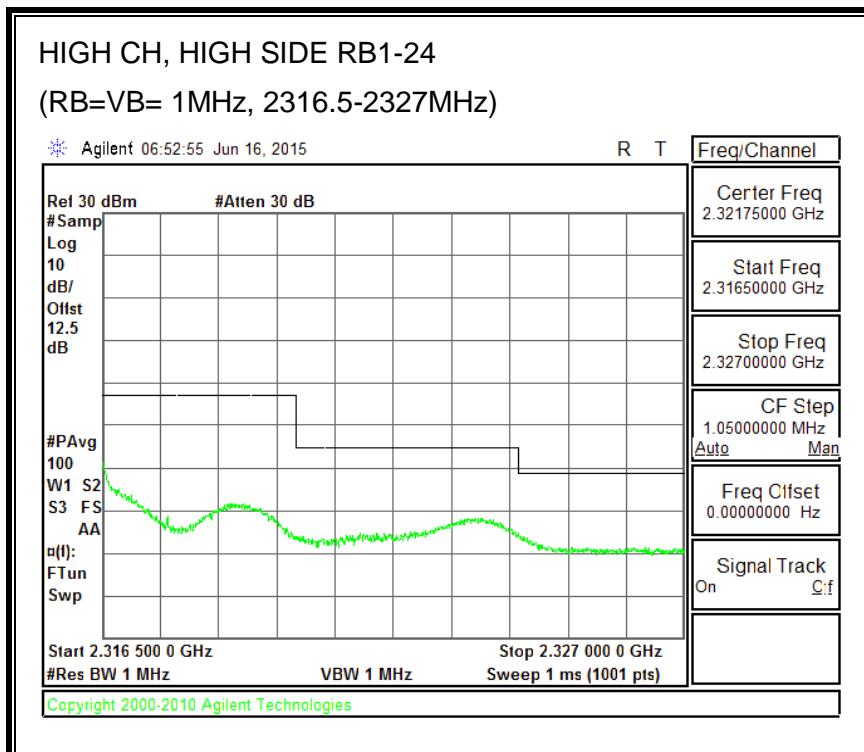
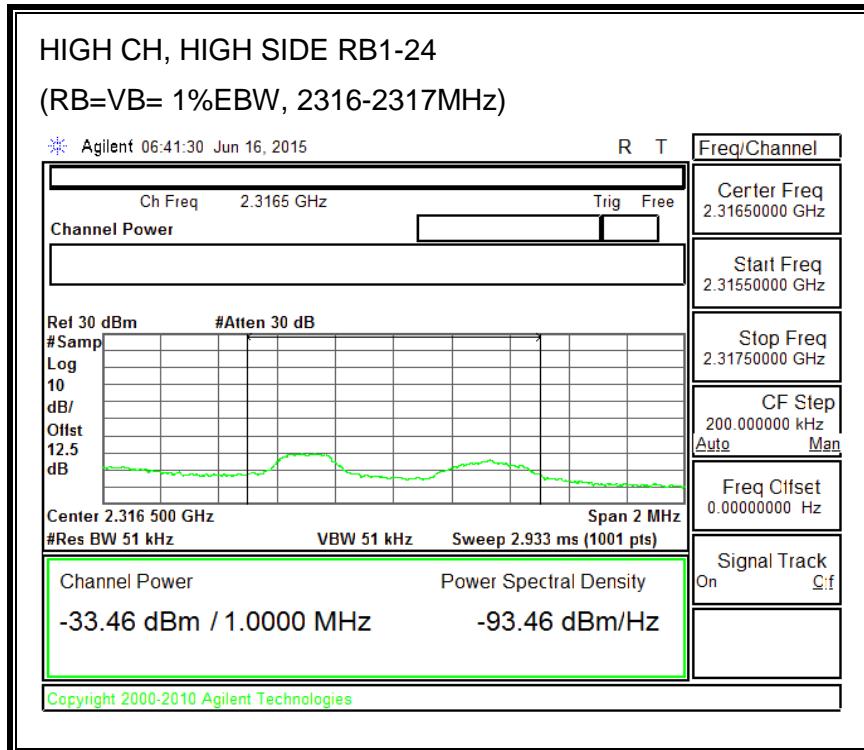






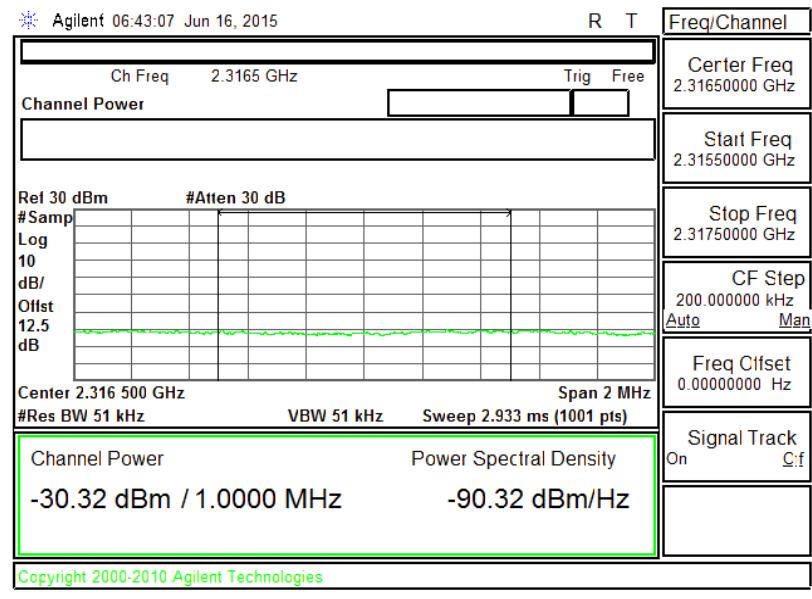






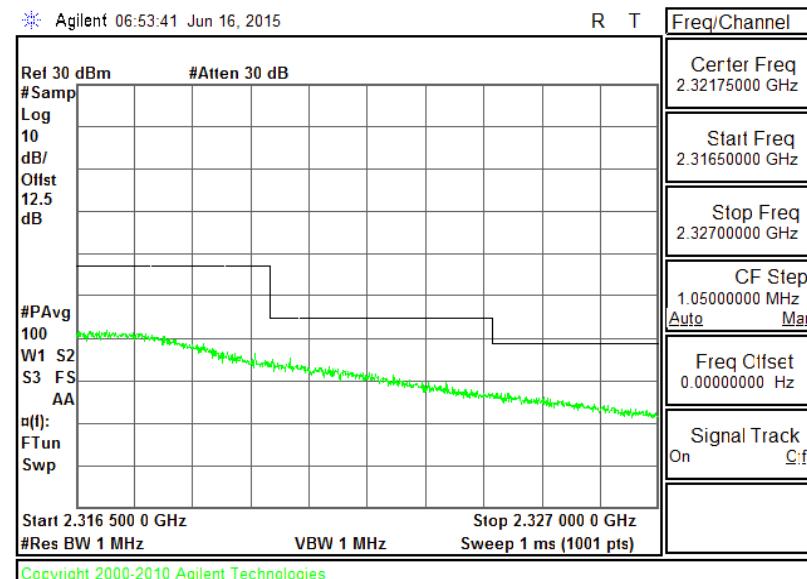
## HIGH CH, HIGH SIDE RB25-0

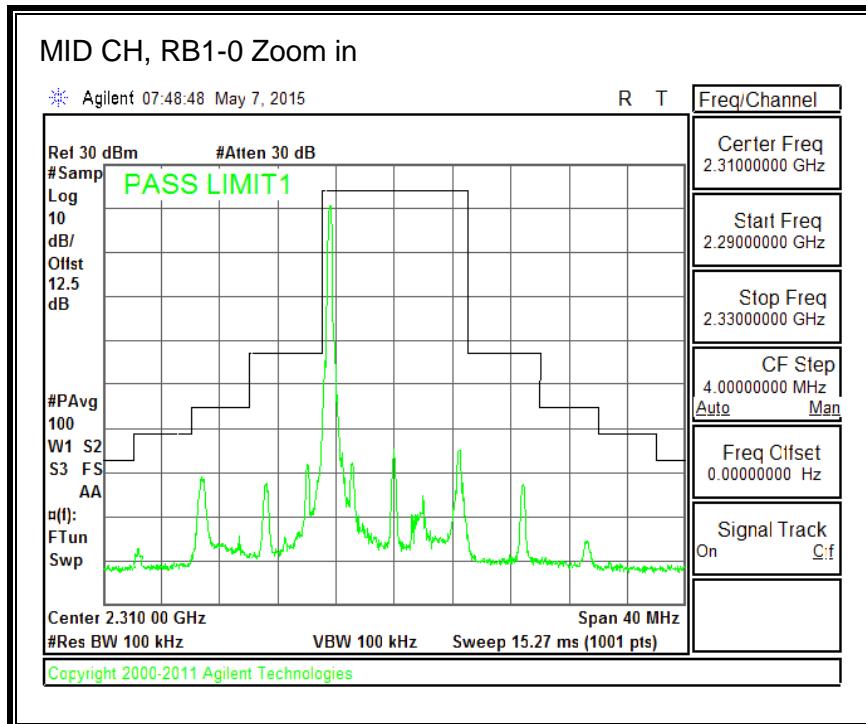
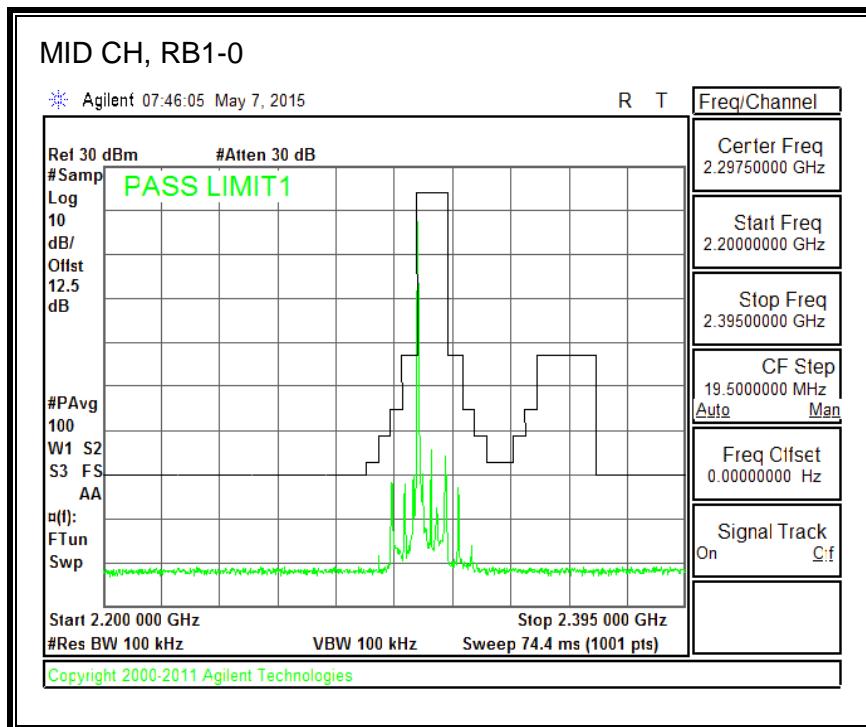
(RB=VB= 1%EBW, 2316-2317MHz)

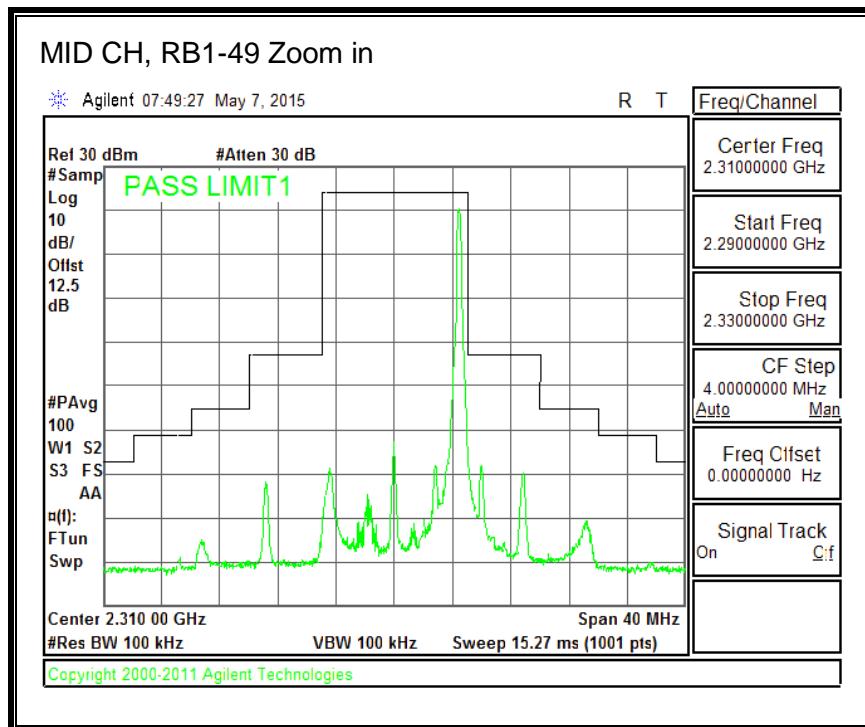
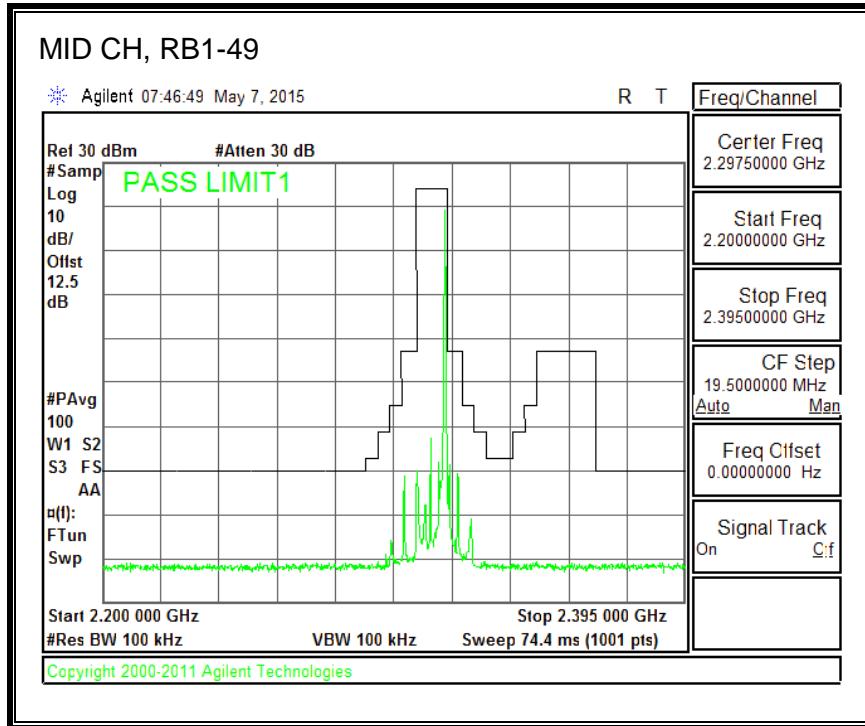


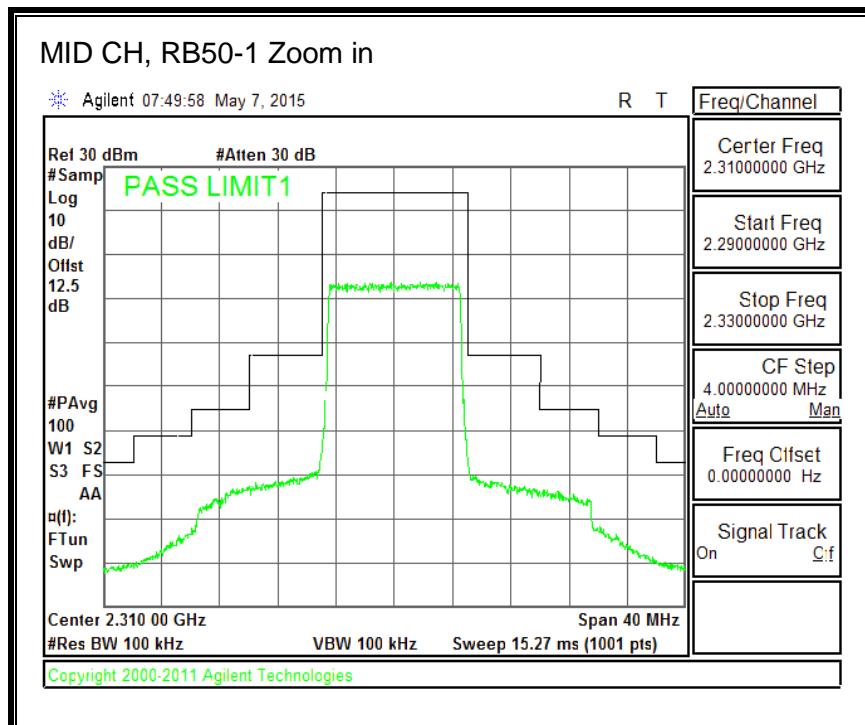
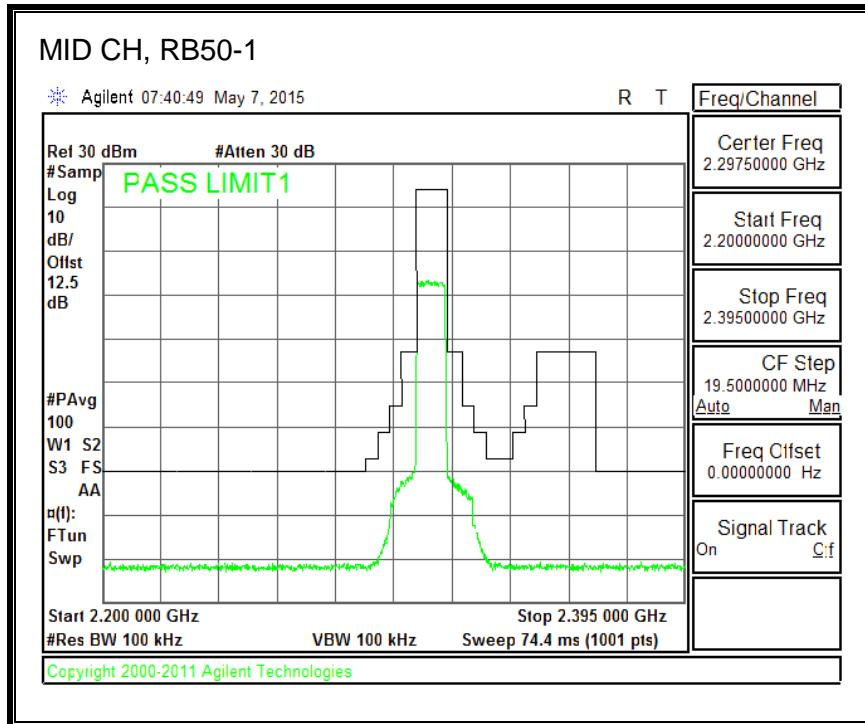
## HIGH CH, HIGH SIDE RB25-0

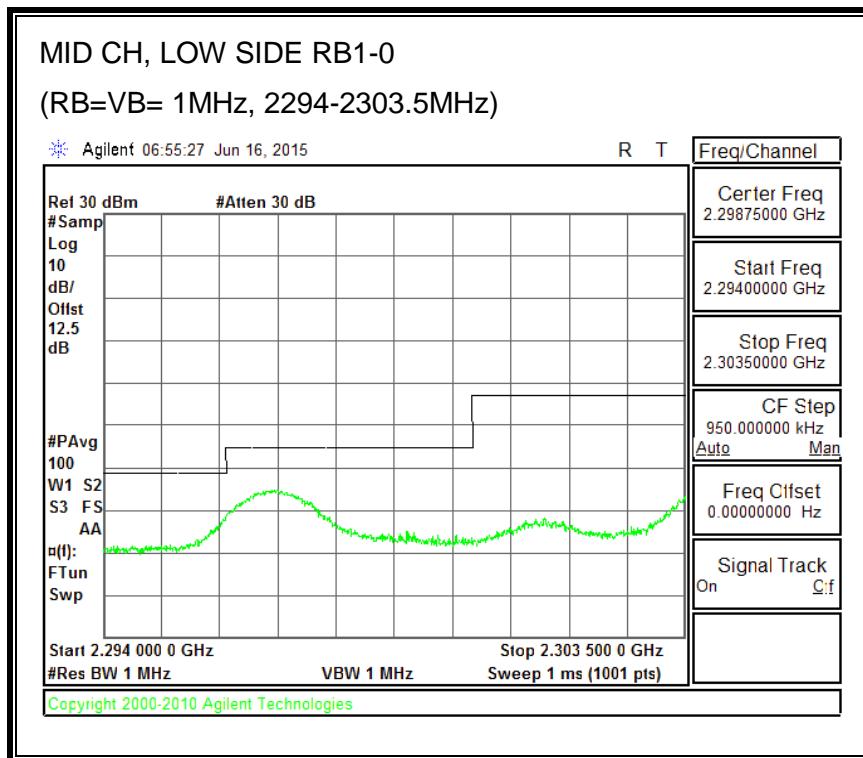
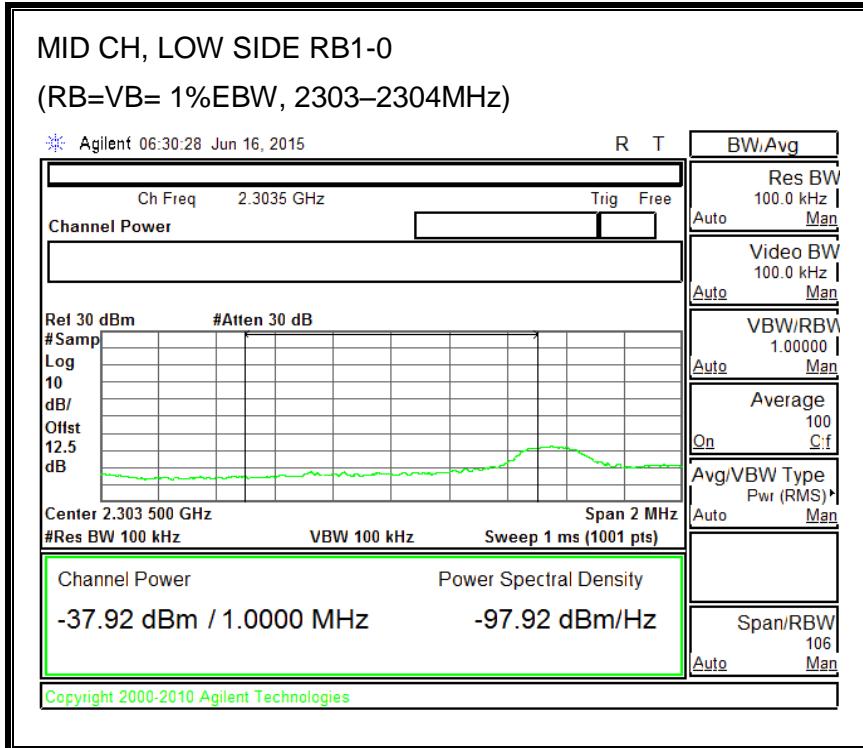
(RB=VB= 1MHz, 2316.5–2327MHz)

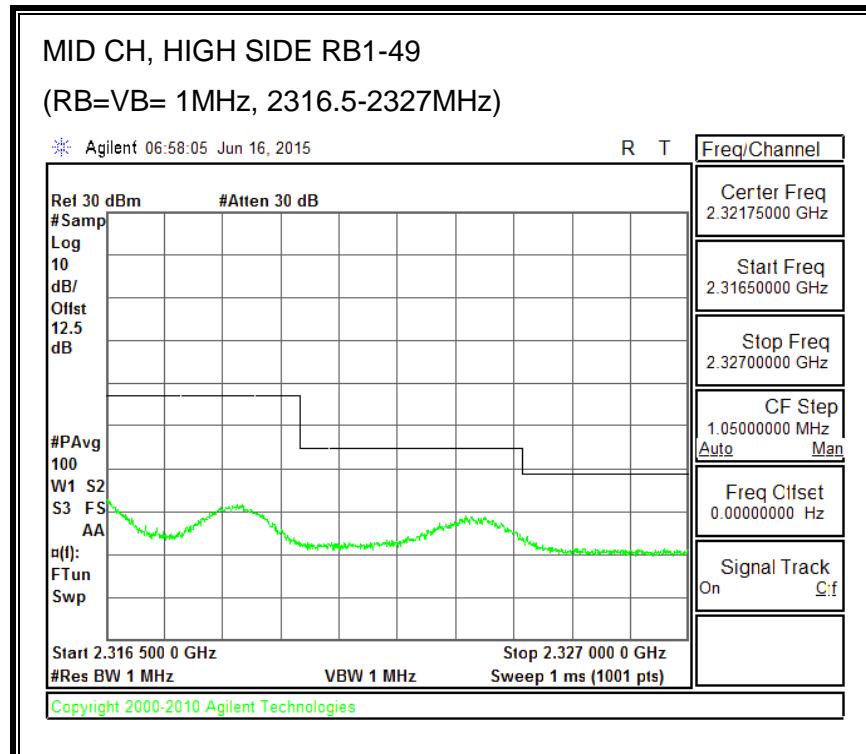
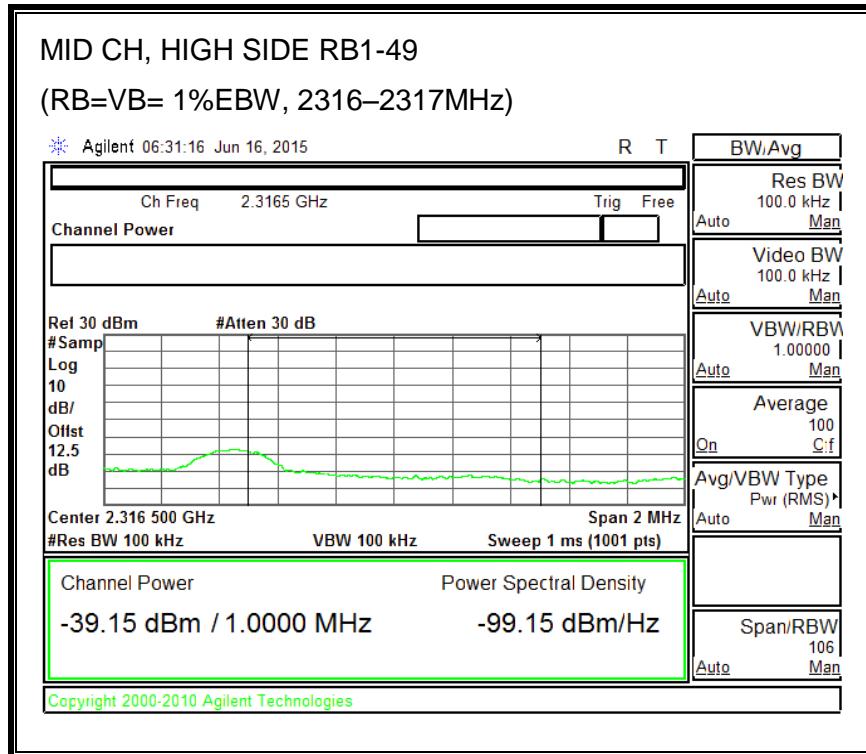


**QPSK, (10.0 MHz BAND WIDTH)**



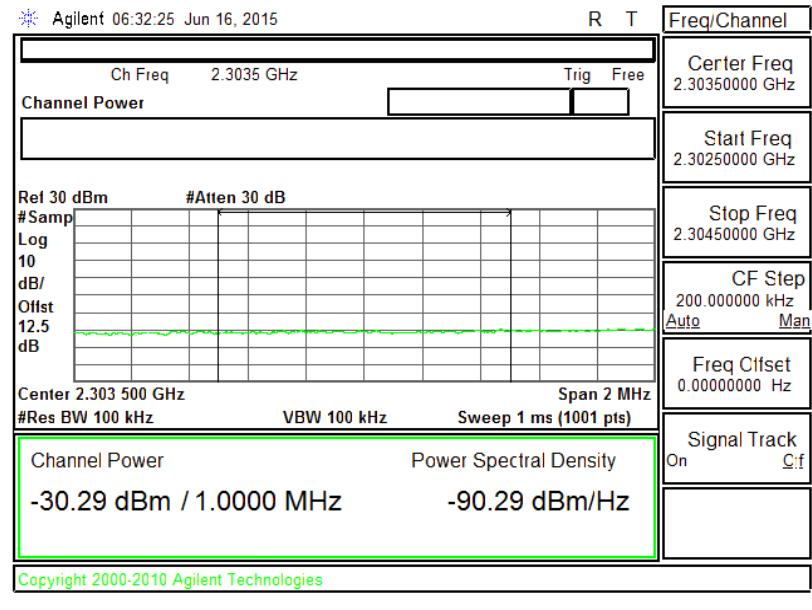






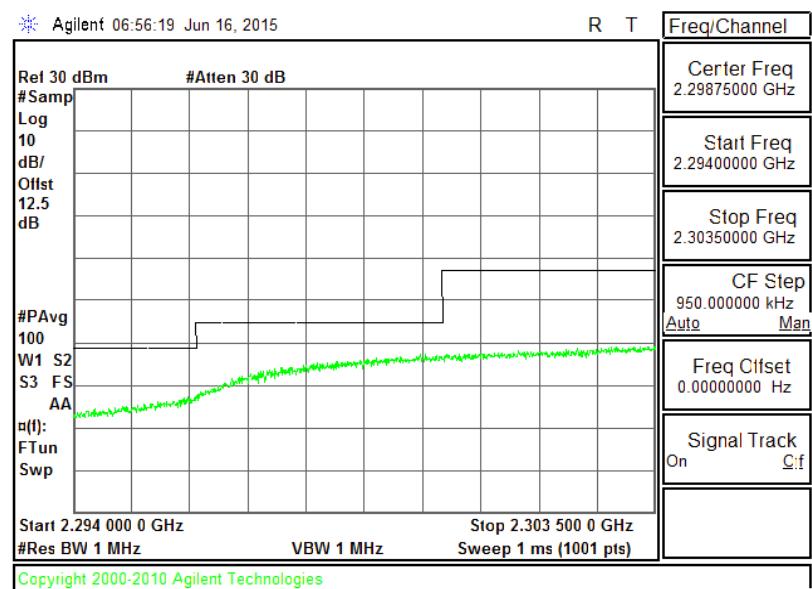
## MID CH, LOW SIDE RB50-0

(RB=VB= 1%EBW, 2303–2304MHz)

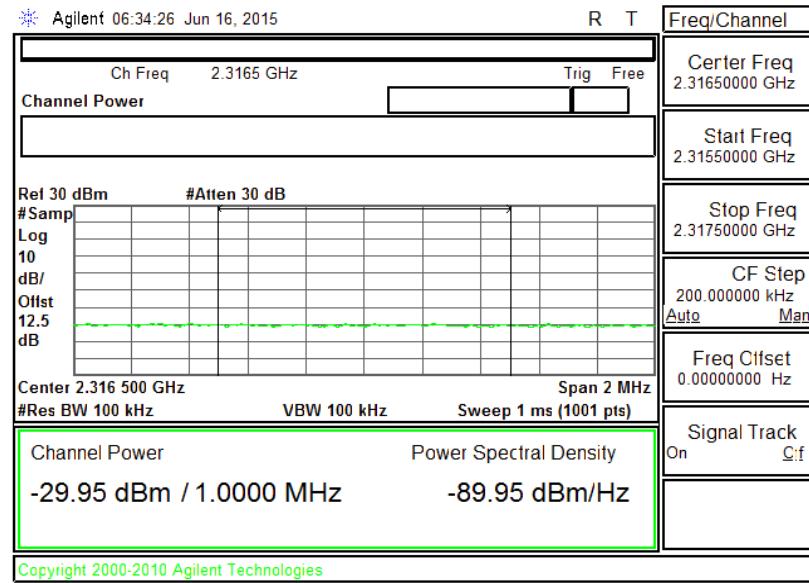


## MID CH, LOW SIDE RB50-0

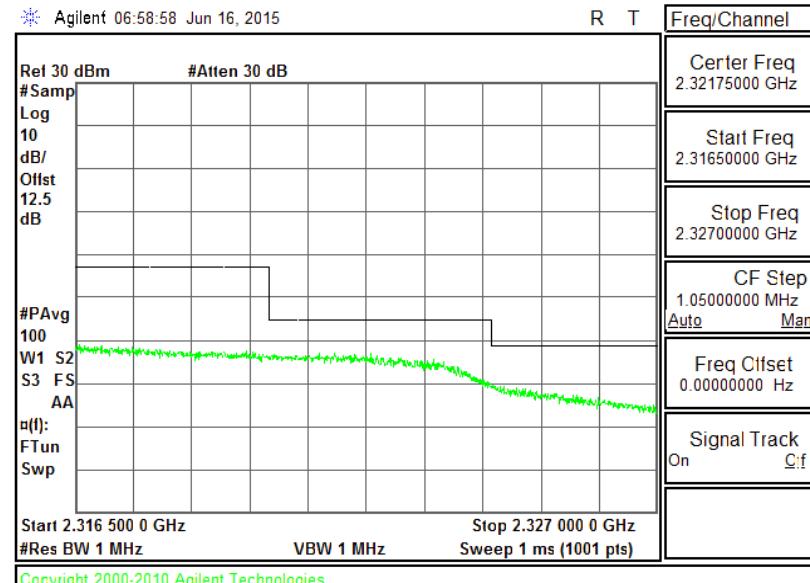
(RB=VB= 1MHz, 2294–2303.5MHz)



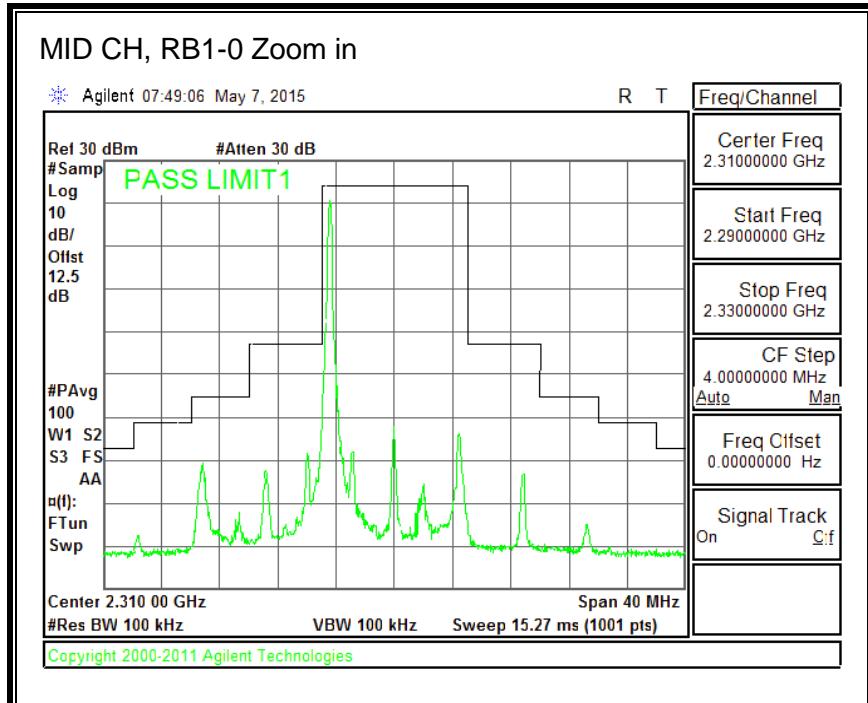
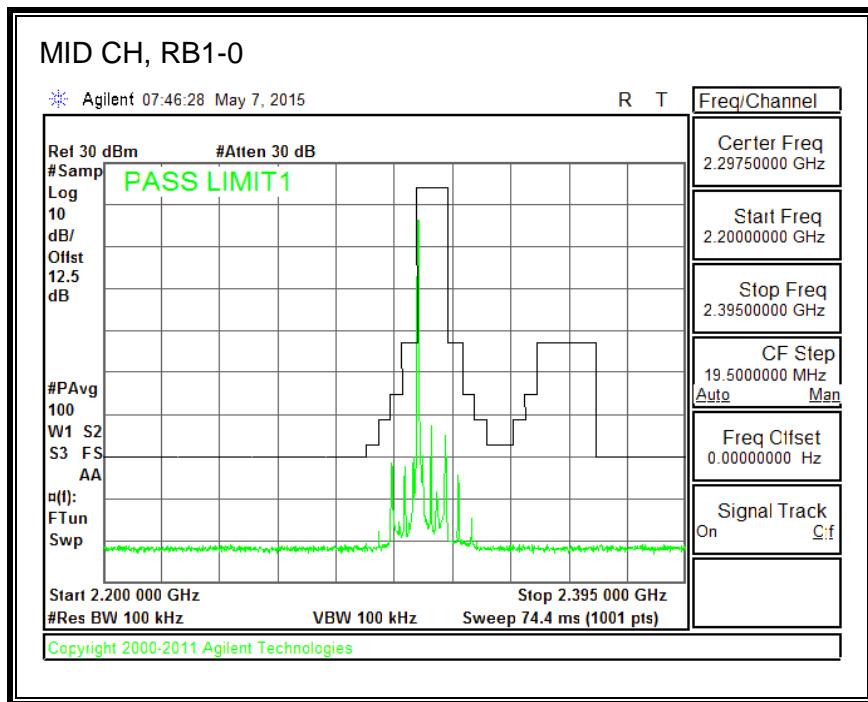
MID CH, HIGH SIDE RB50-0  
(RB=VB= 1%EBW, 2316-2317MHz)

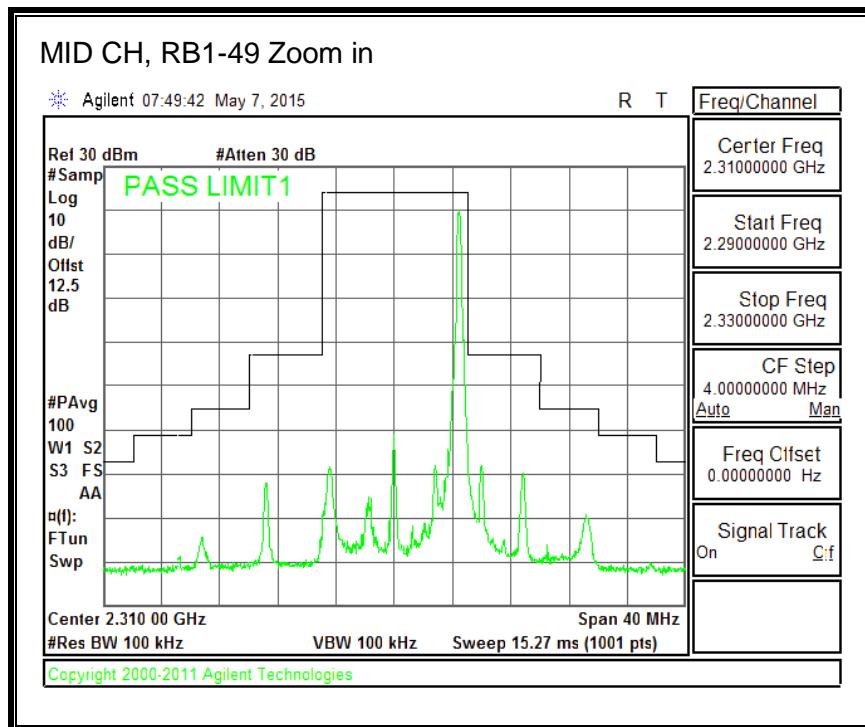
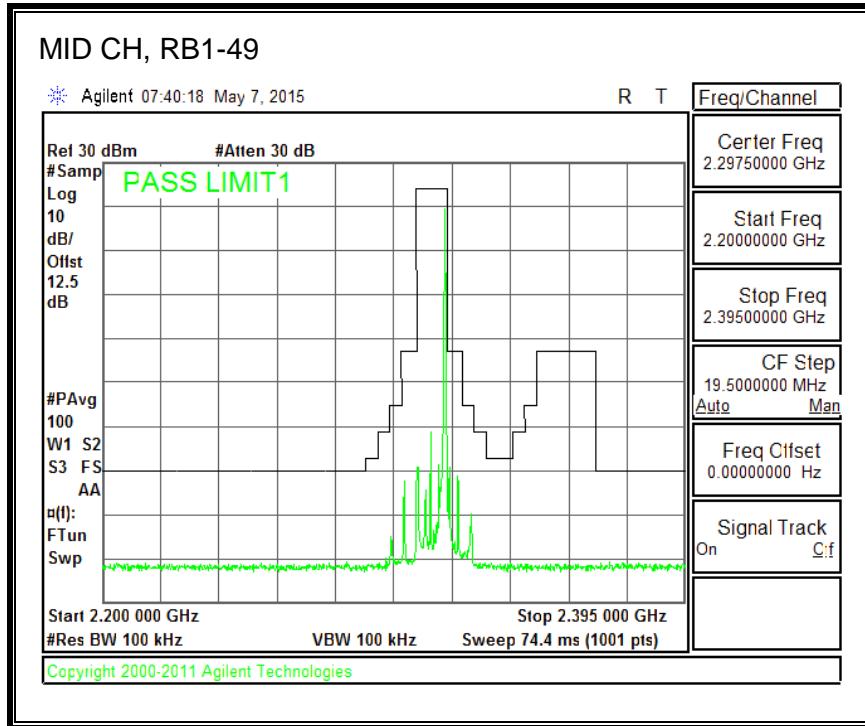


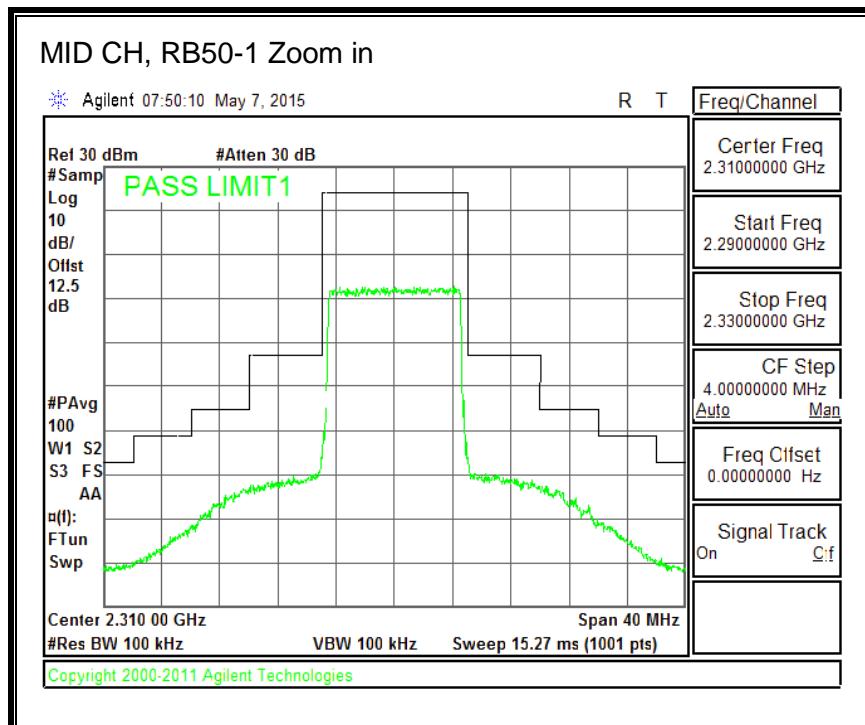
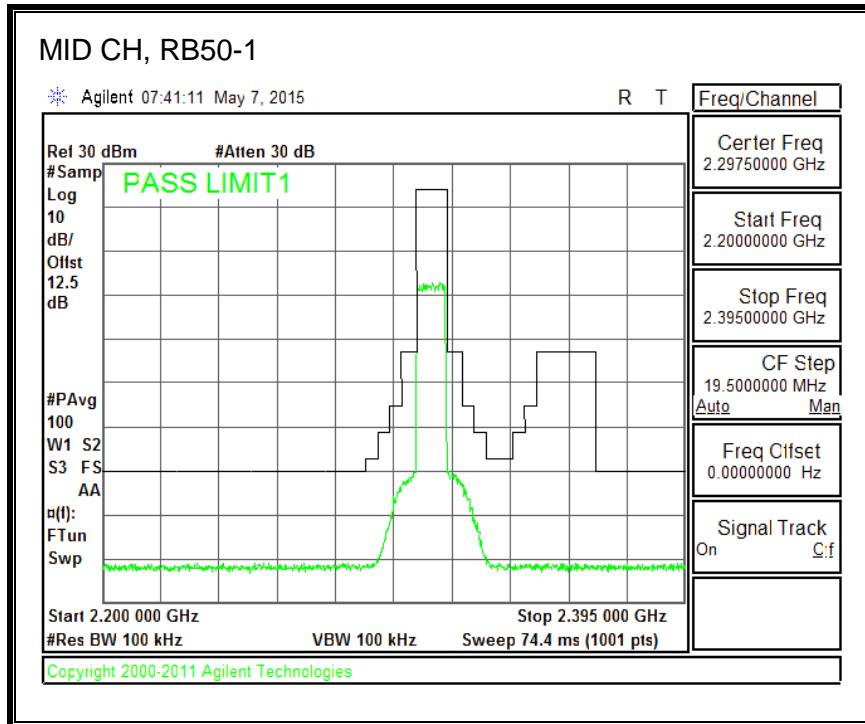
MID CH, HIGH SIDE RB50-0  
(RB=VB= 1MHz, 2316.5–2327MHz)

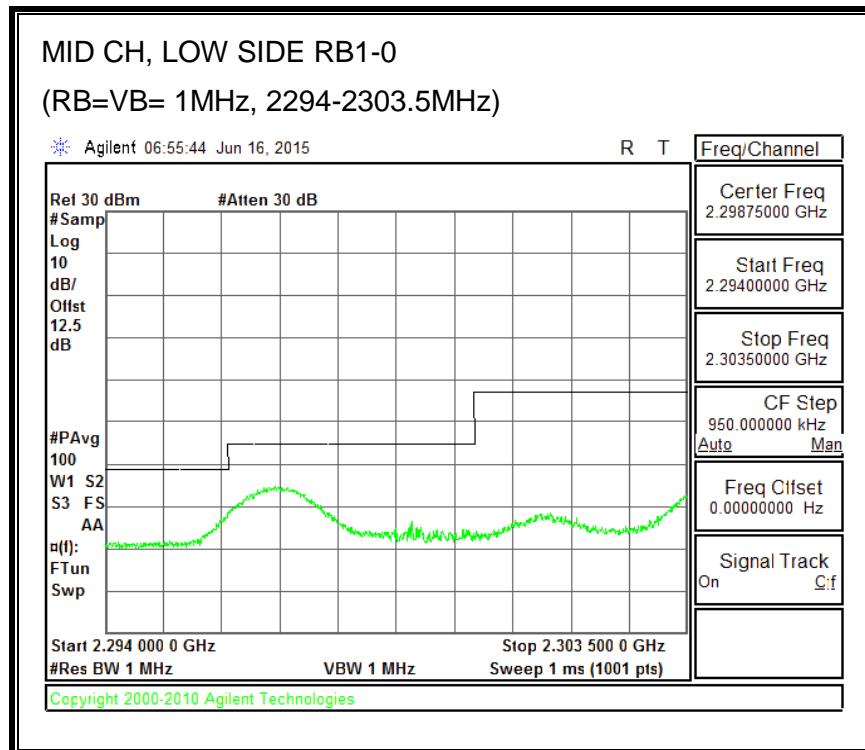
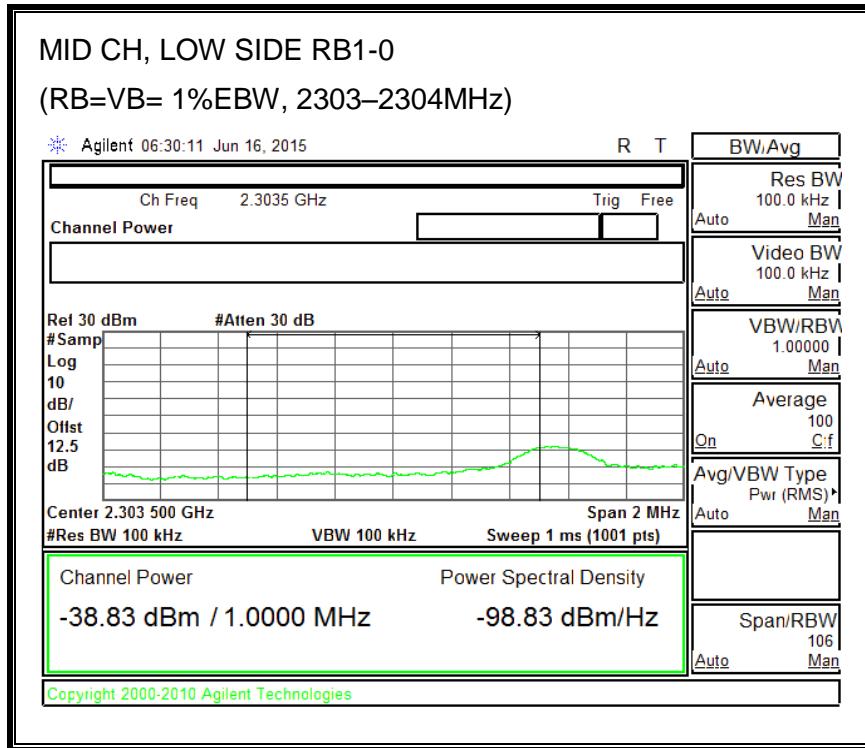


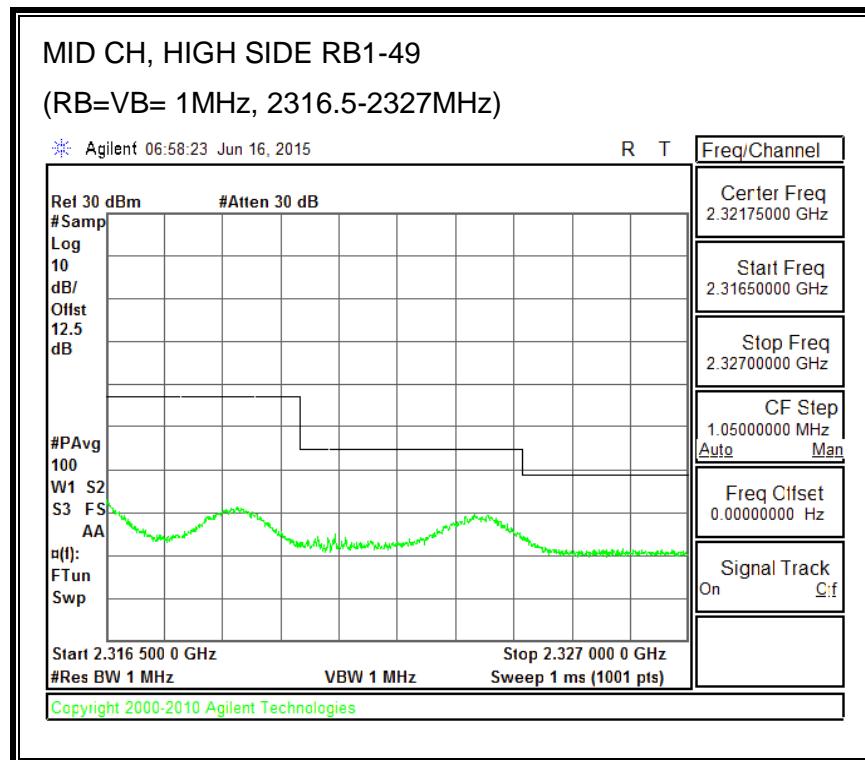
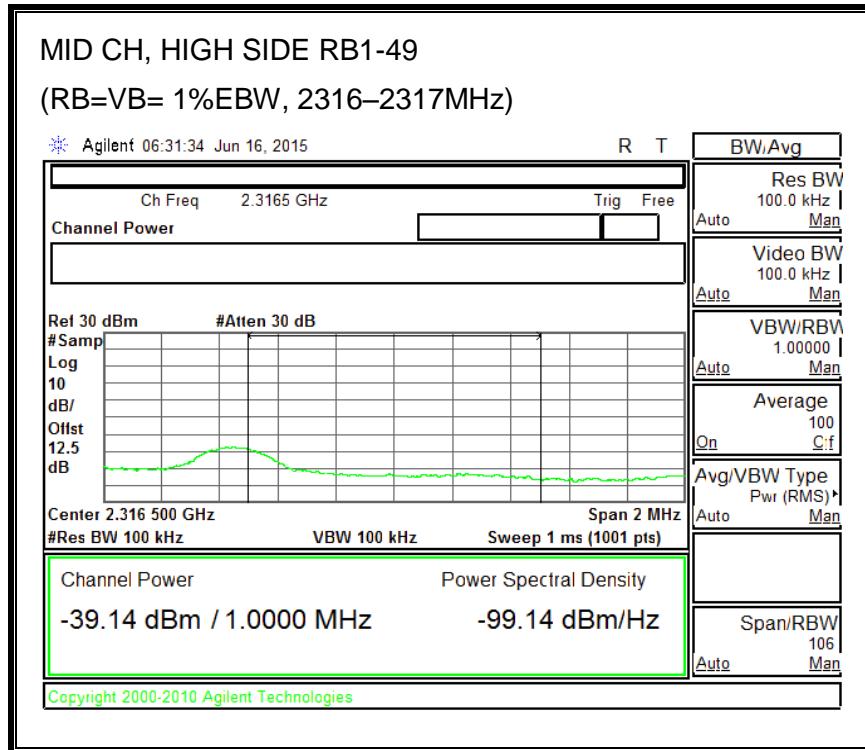
### 16QAM, (10.0 MHz BAND WIDTH)





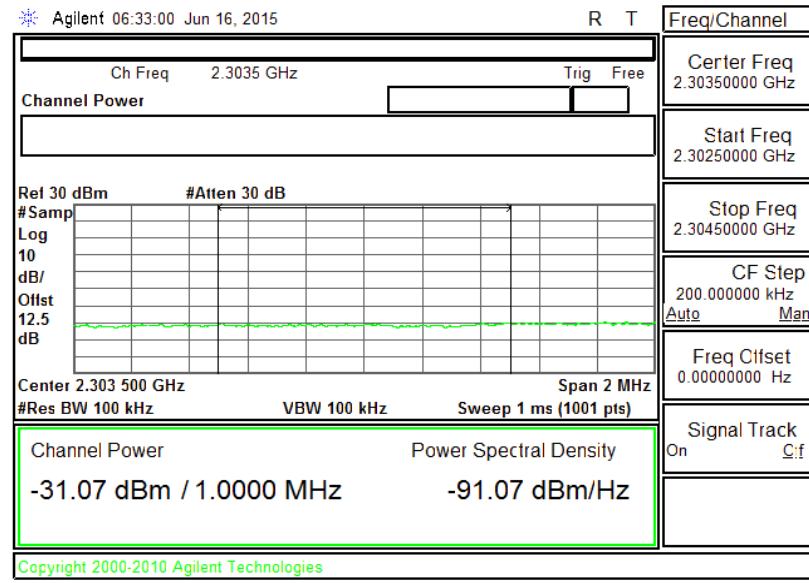






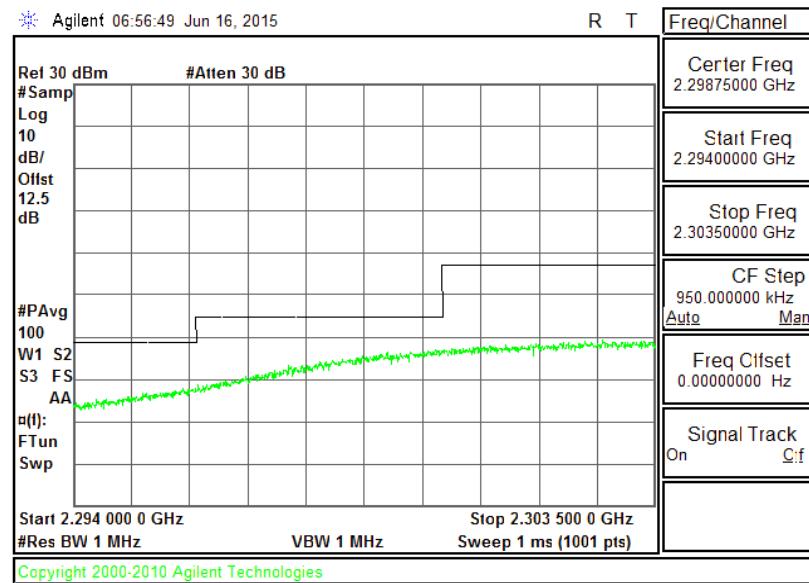
## MID CH, LOW SIDE RB50-0

(RB=VB= 1%EBW, 2303–2304MHz)

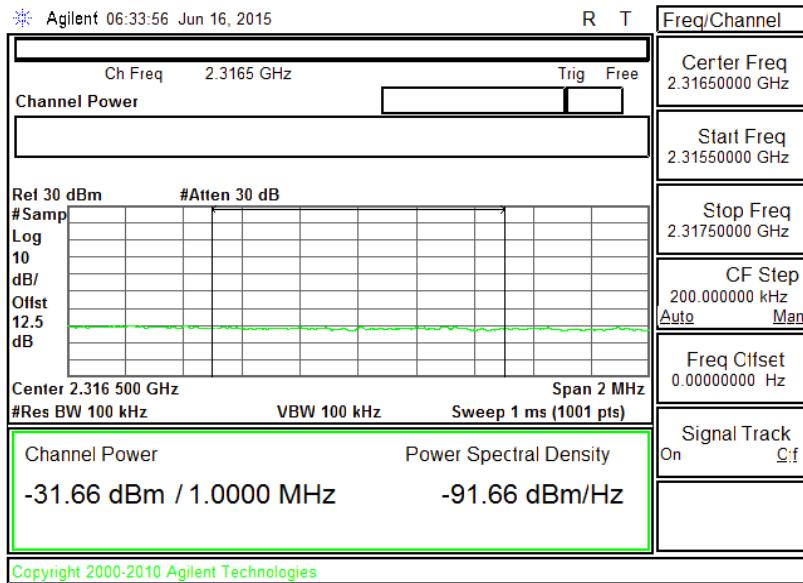


## MID CH, LOW SIDE RB50-0

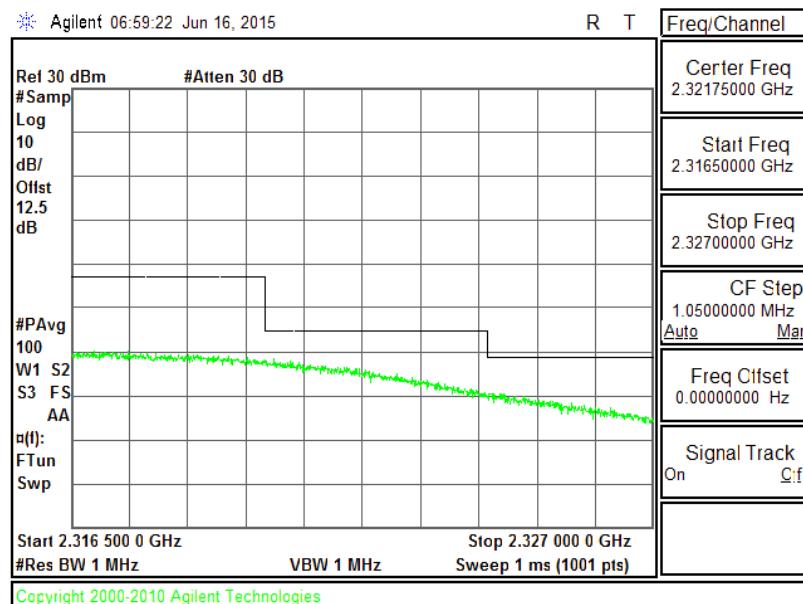
(RB=VB= 1MHz, 2294–2303.5MHz)



MID CH, HIGH SIDE RB50-0  
(RB=VB= 1%EBW, 2316-2317MHz)

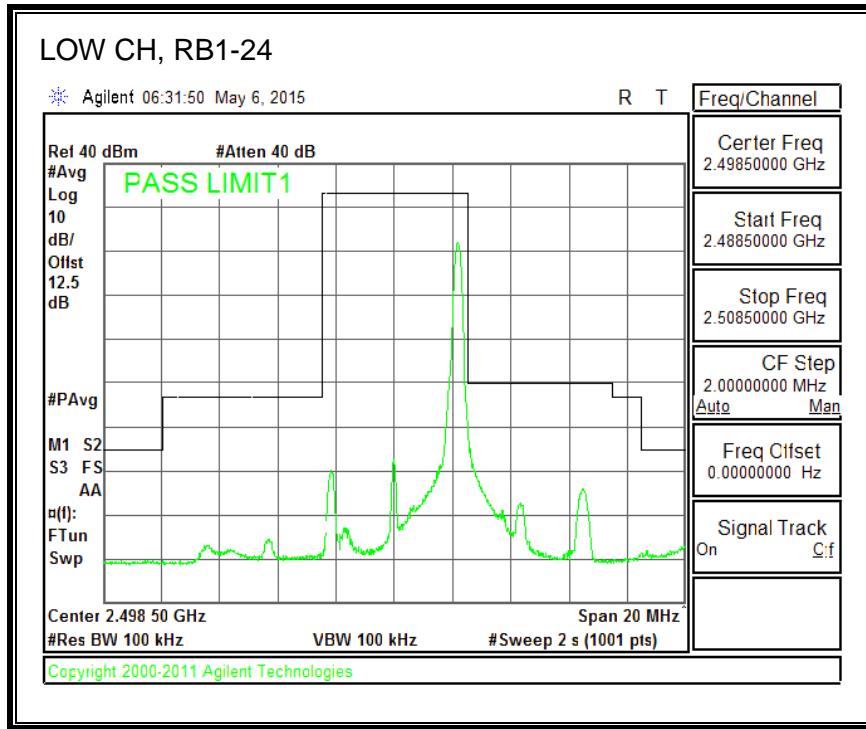
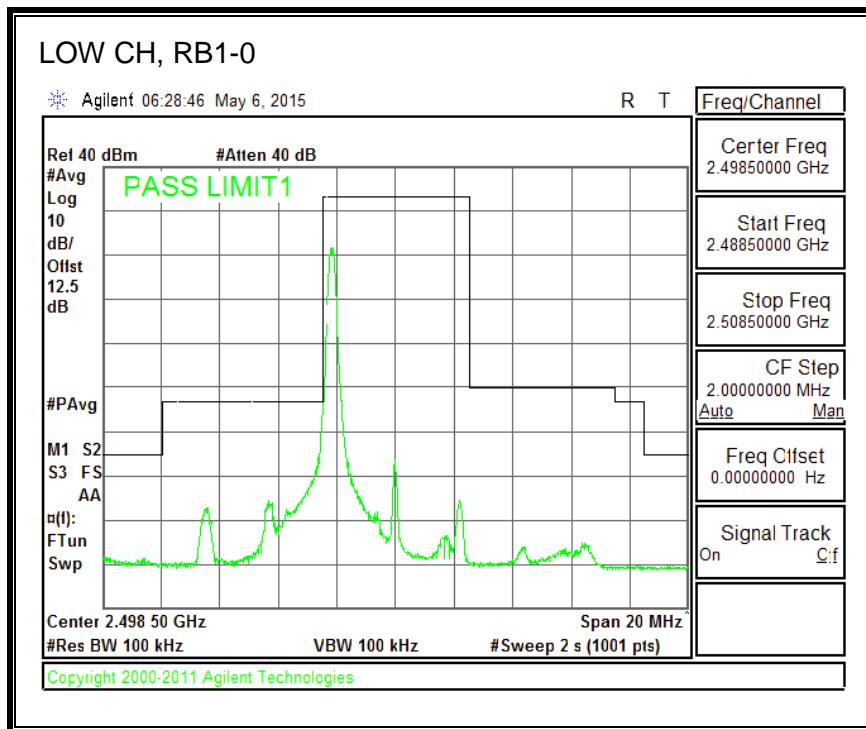


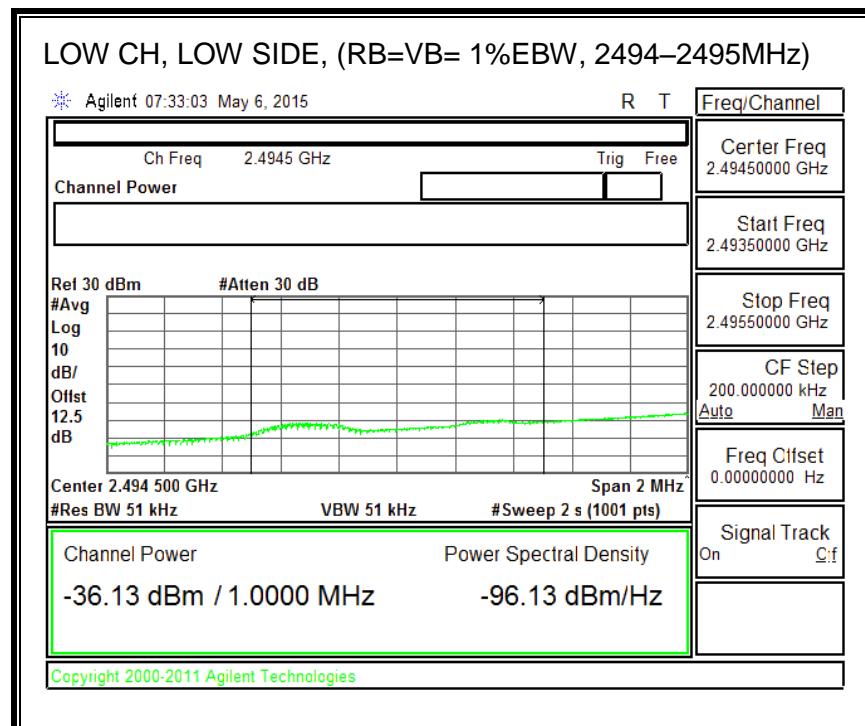
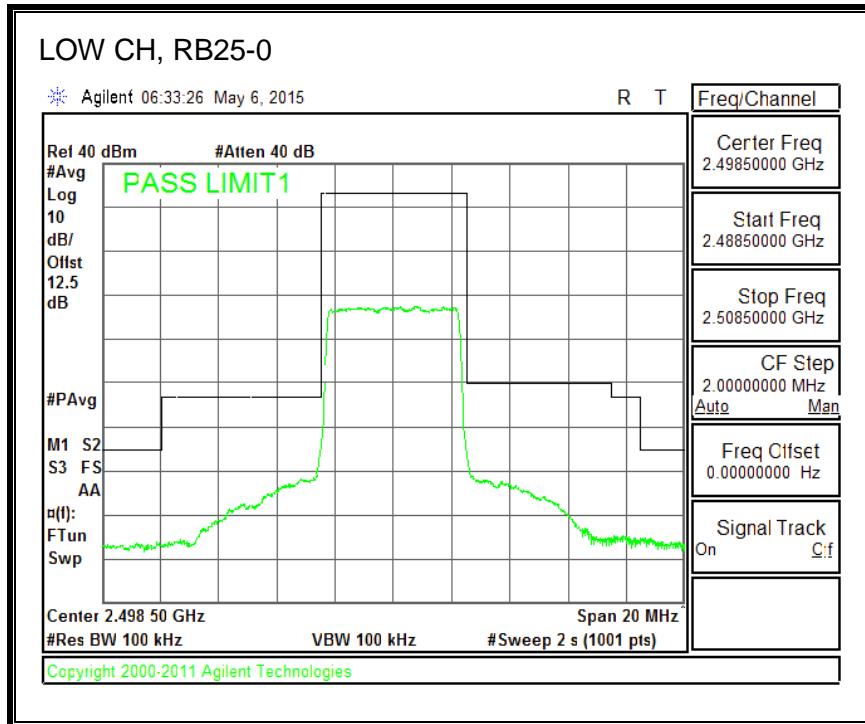
MID CH, HIGH SIDE RB50-0  
(RB=VB= 1MHz, 2316.5–2327MHz)

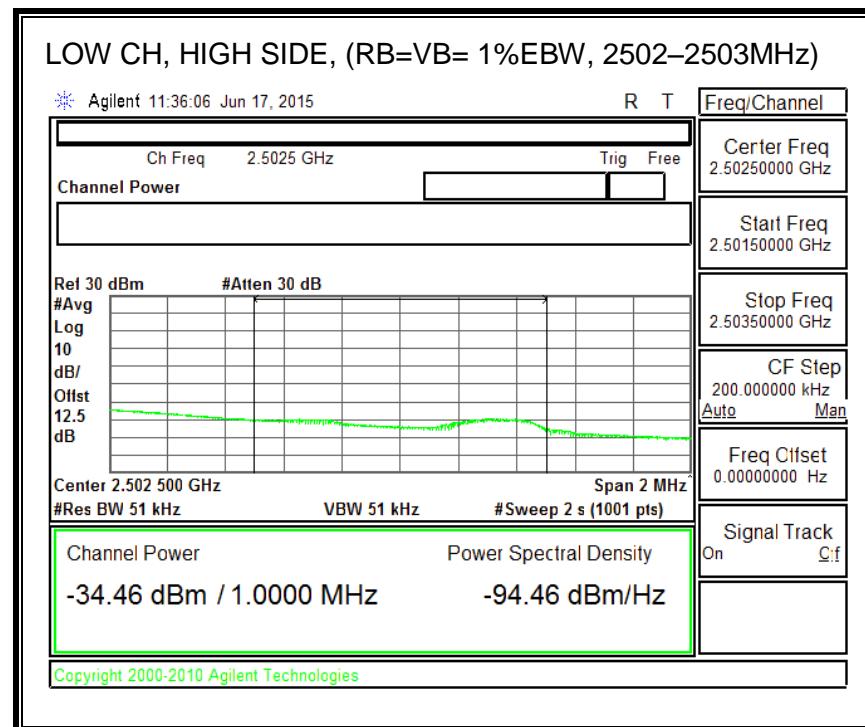
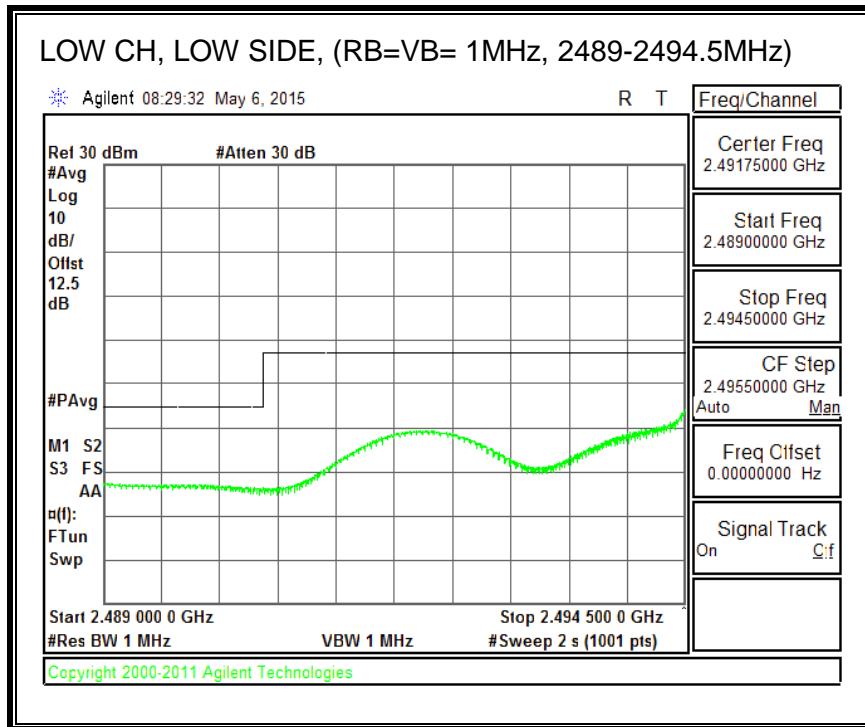


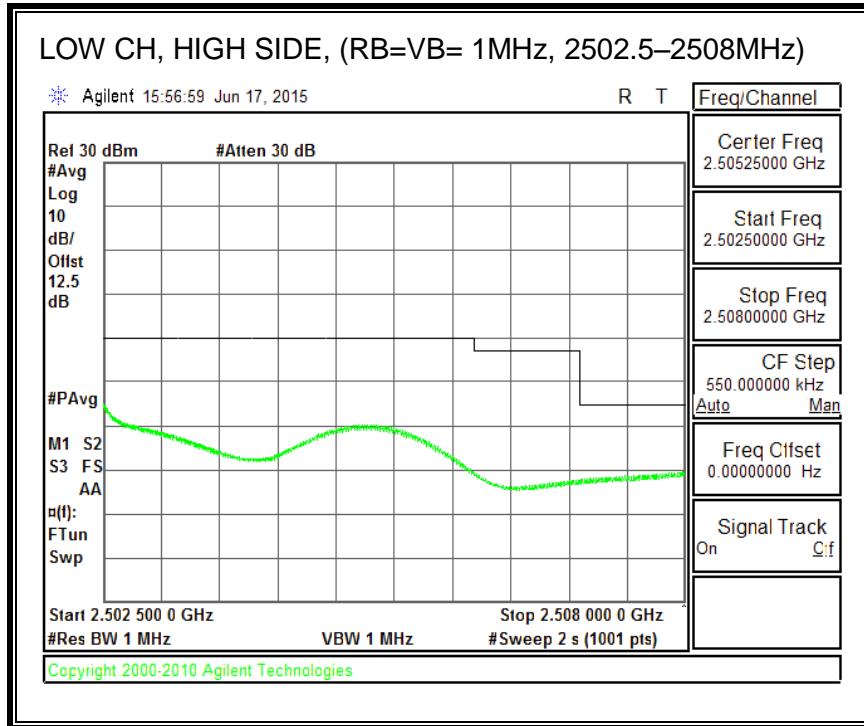
### 8.3.11. LTE BAND 41 EMISSION MASK

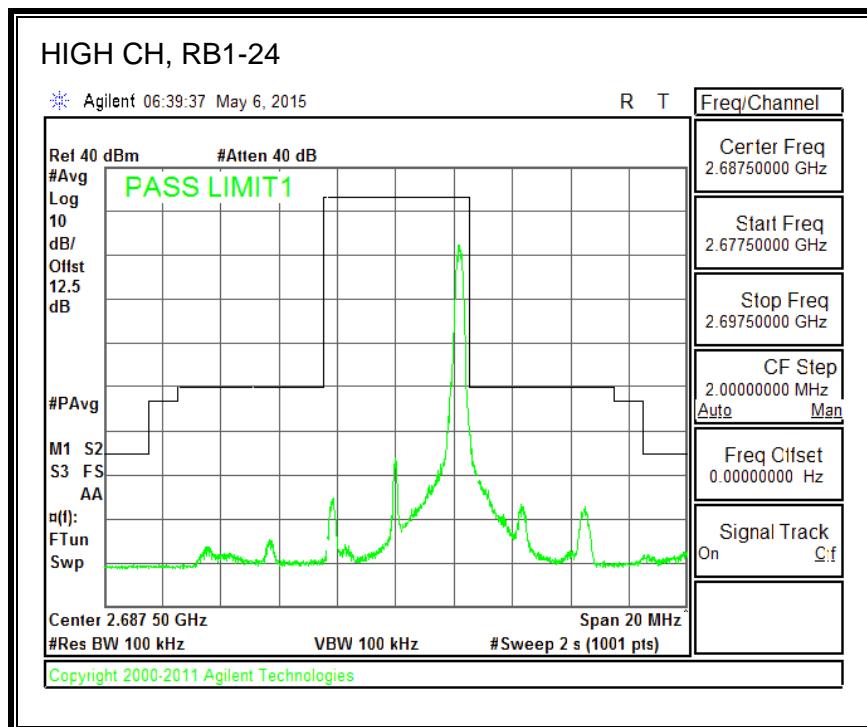
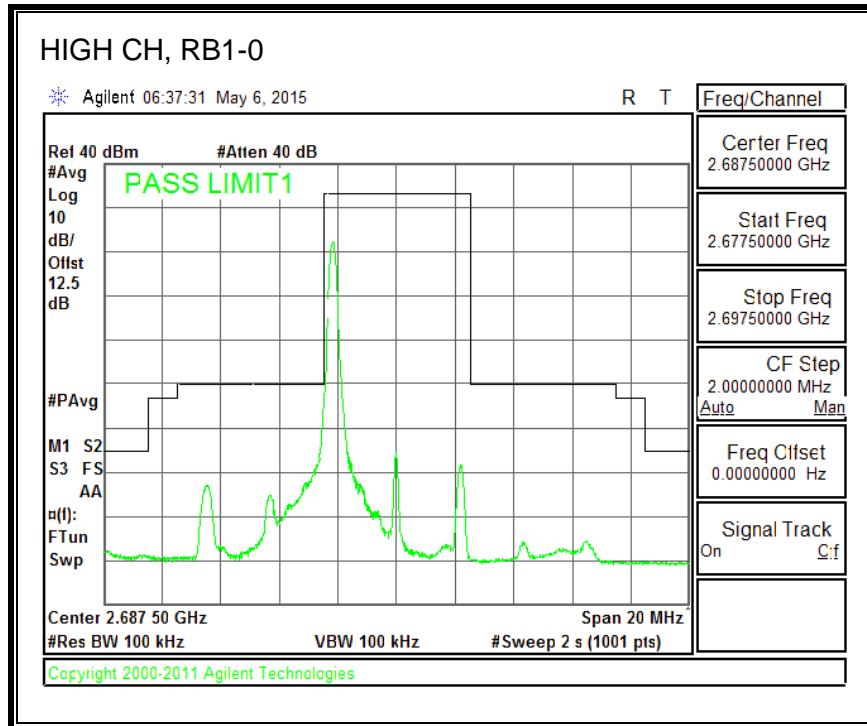
#### QPSK, (5.0 MHz BAND WIDTH)

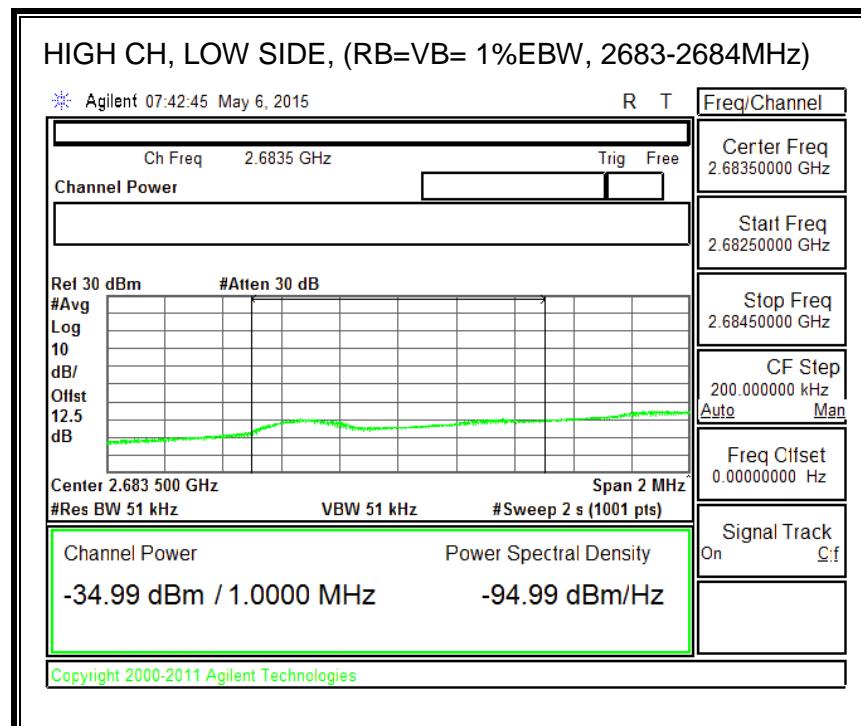
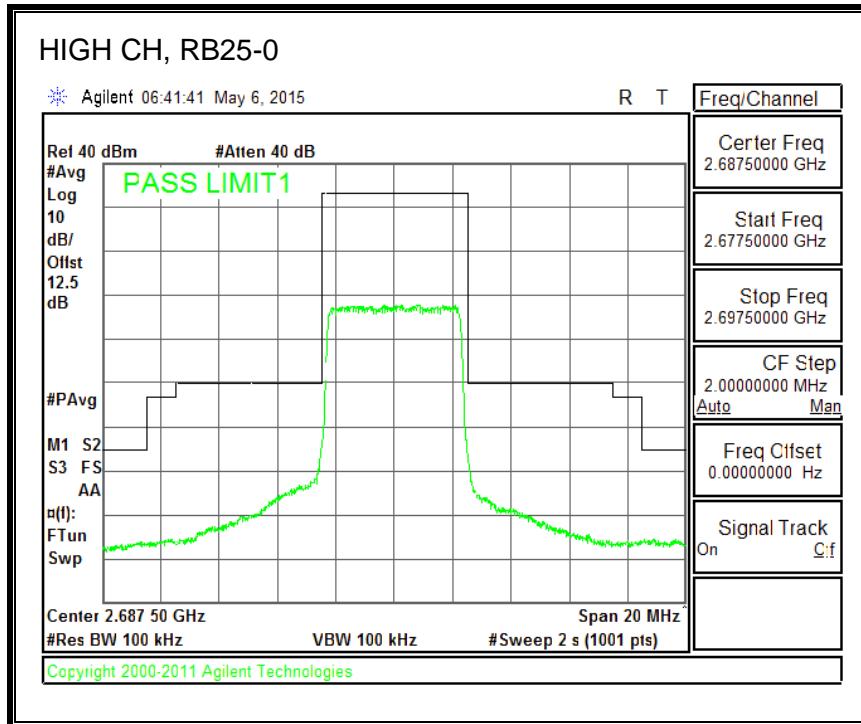


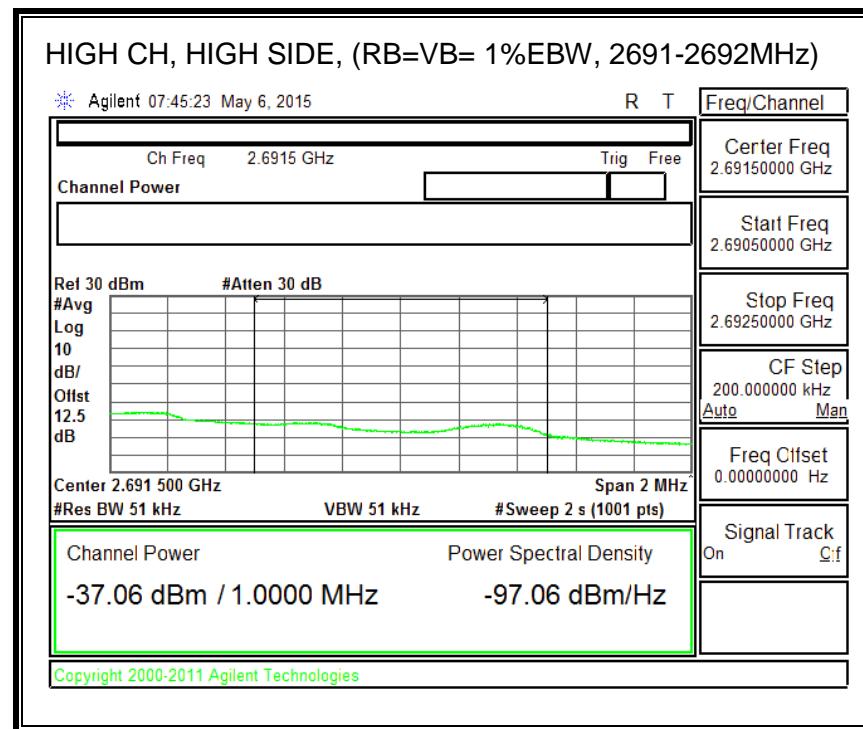
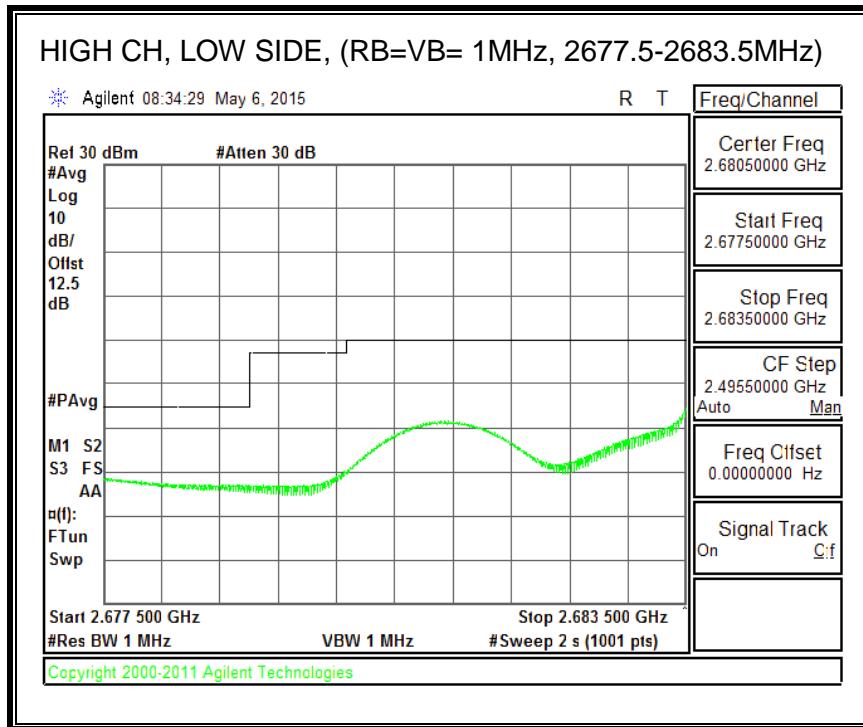


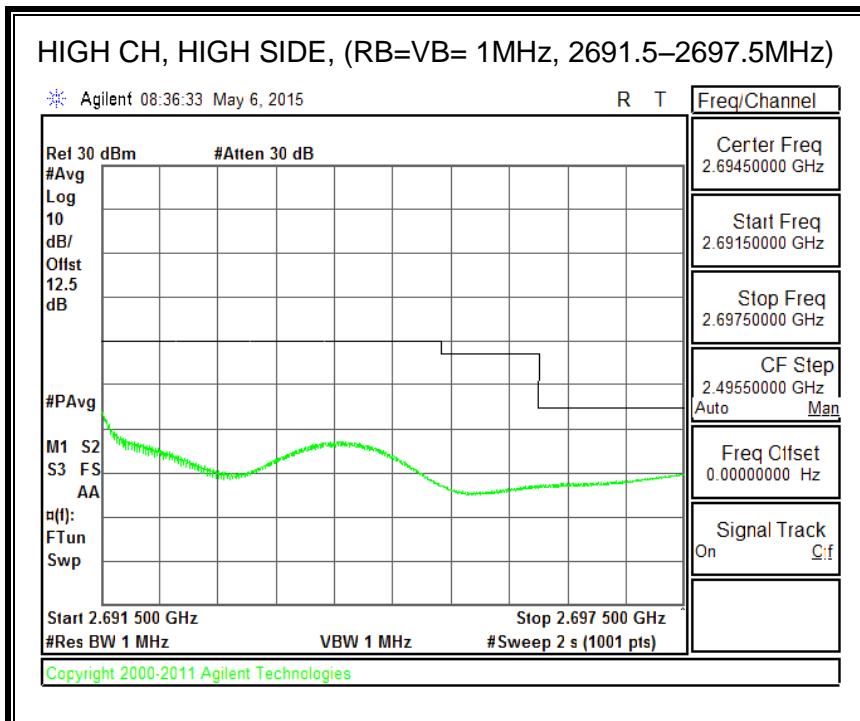


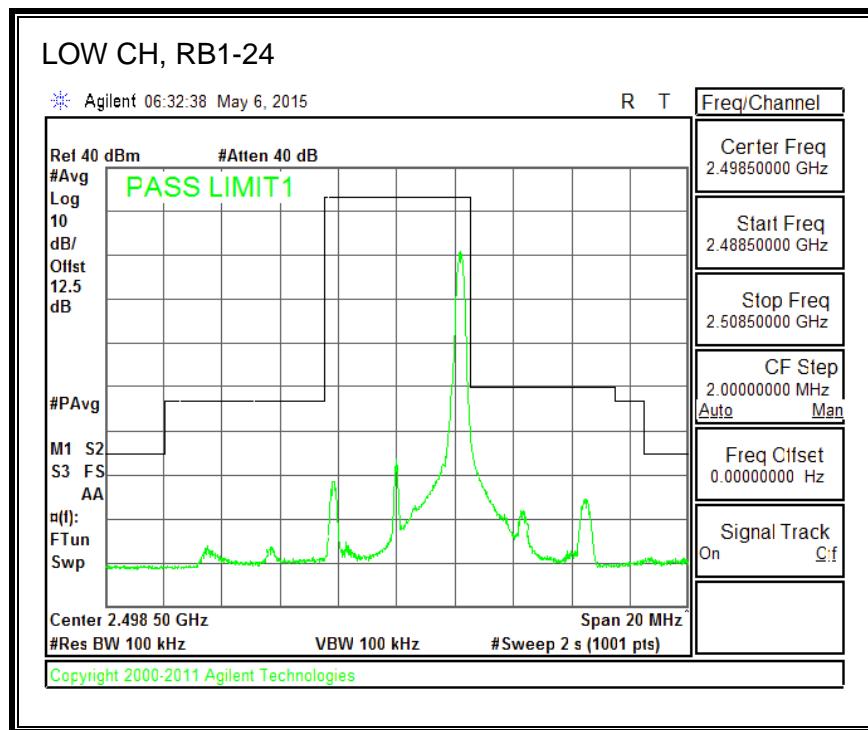
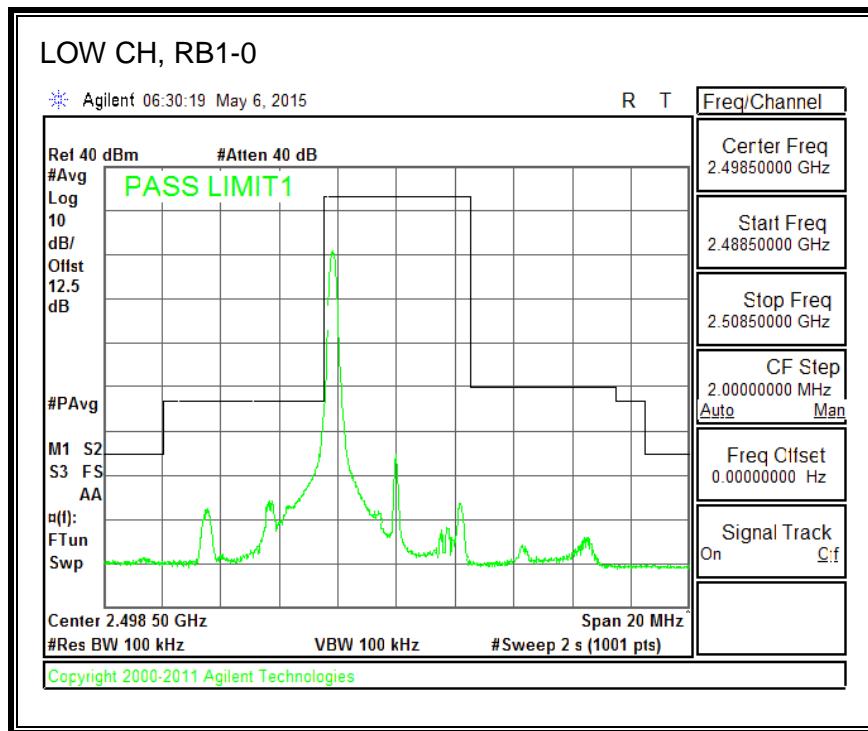


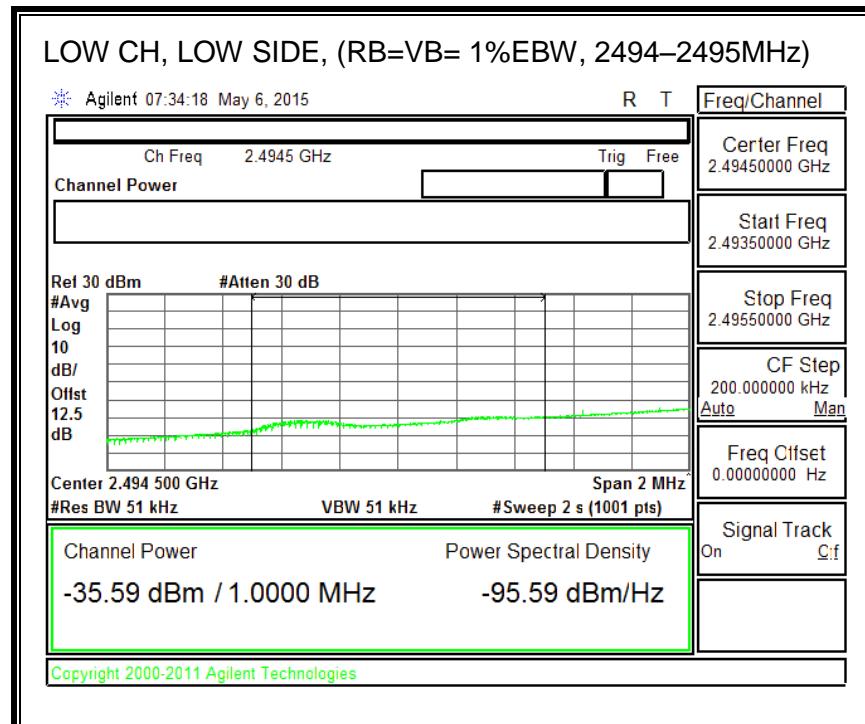
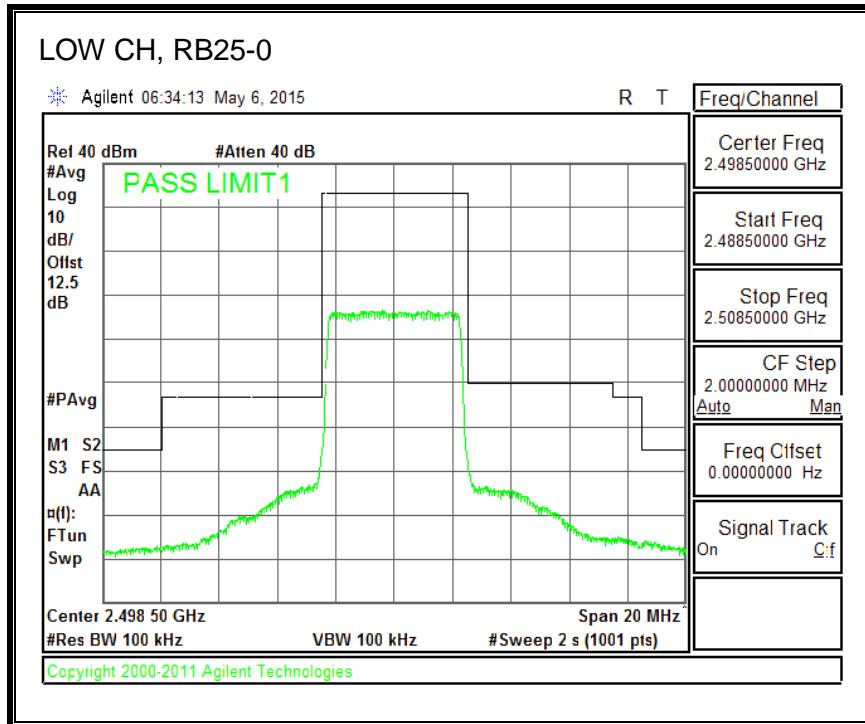


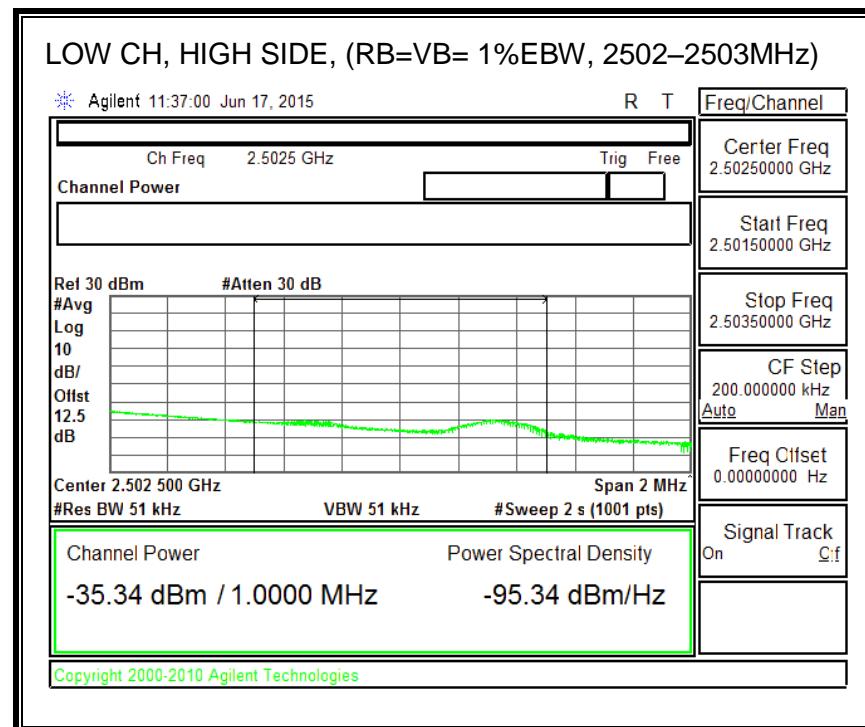
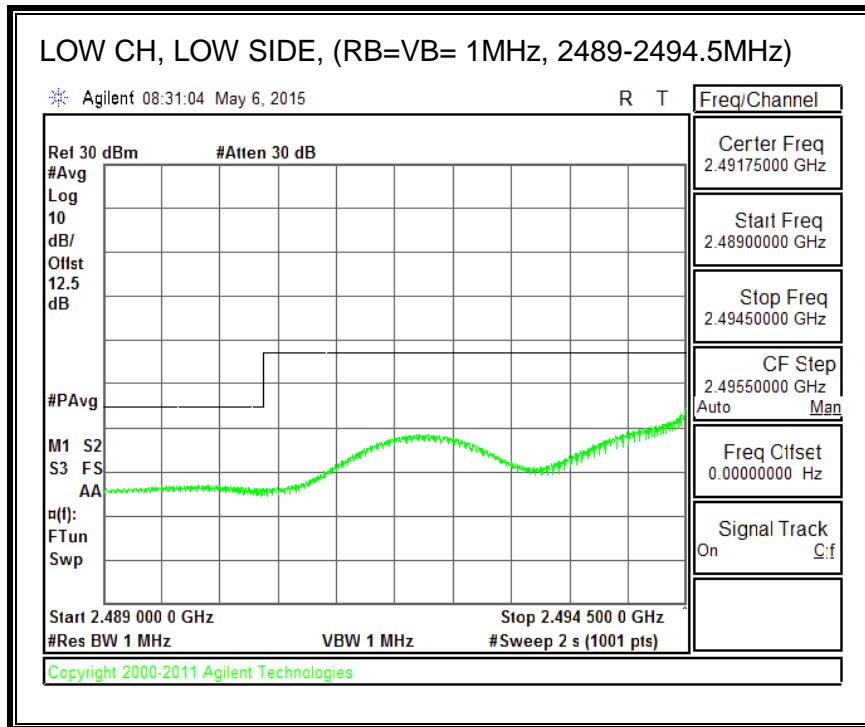


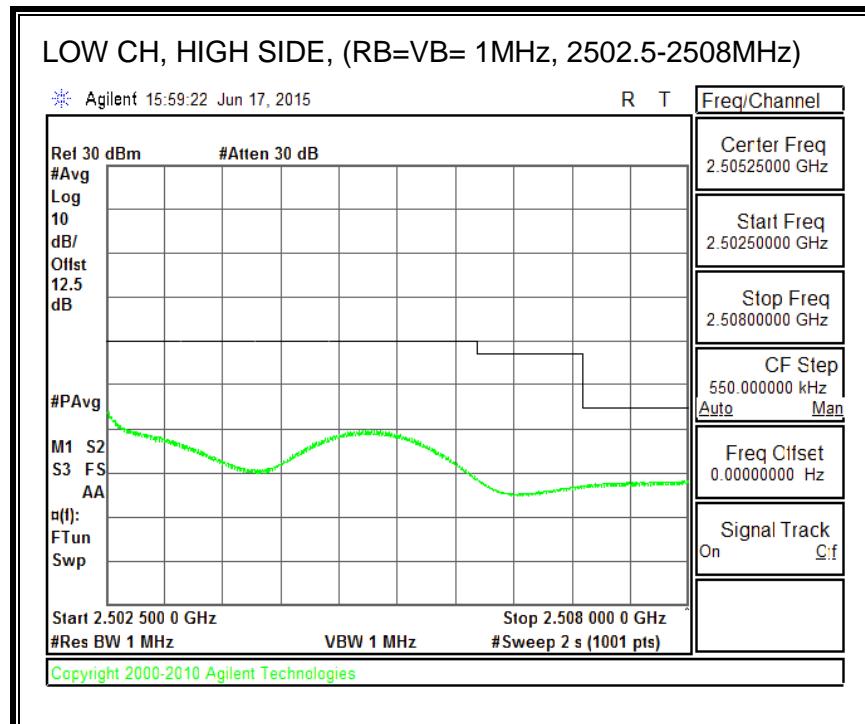


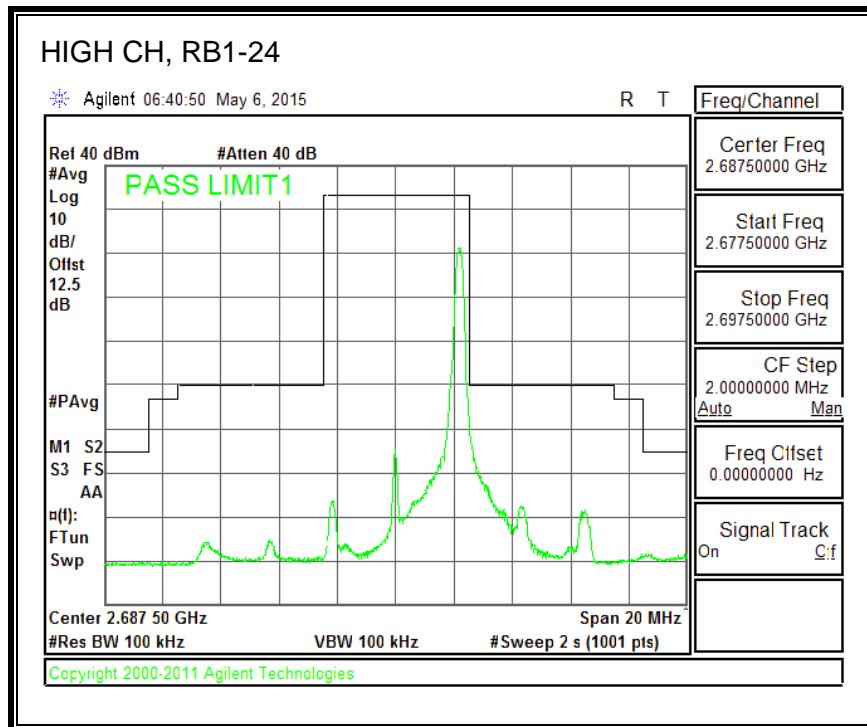
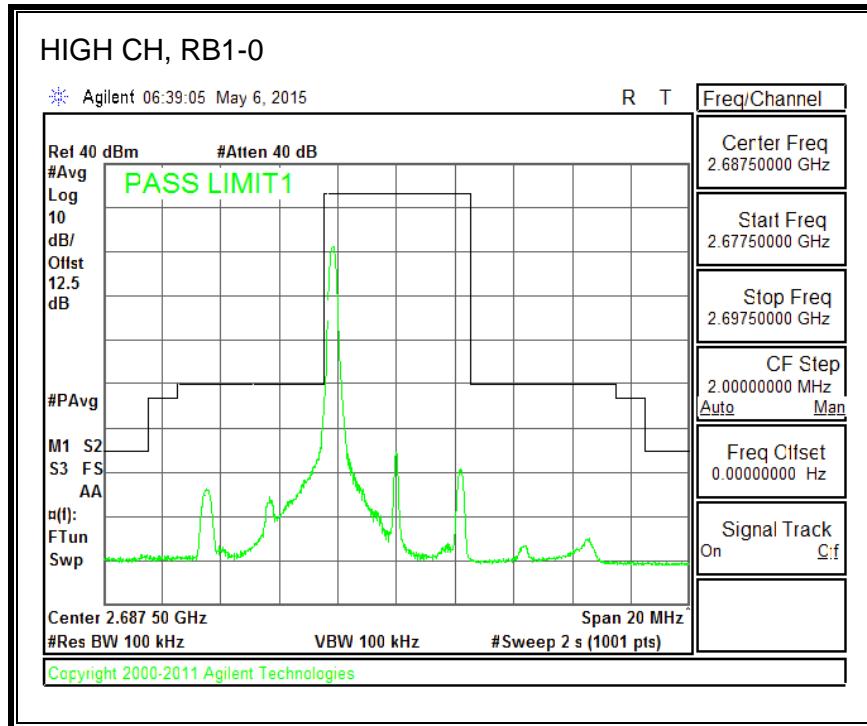


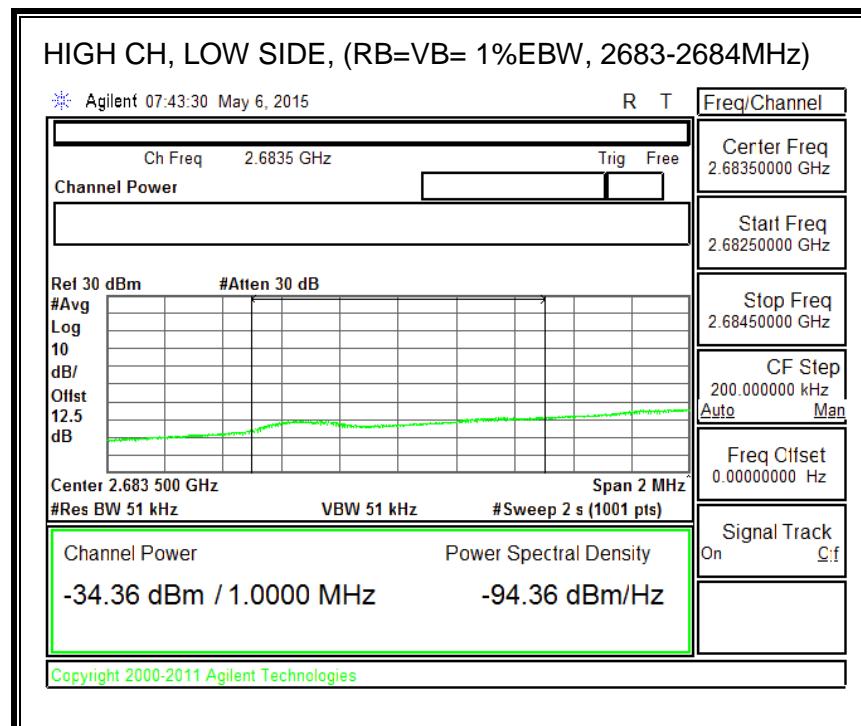
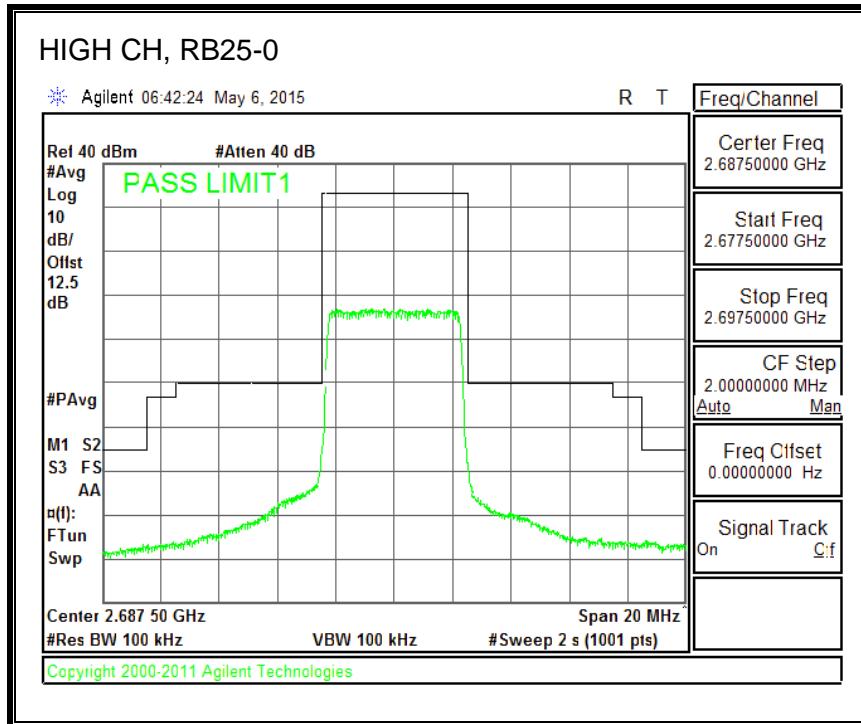
**16QAM, (5.0 MHz BAND WIDTH)**

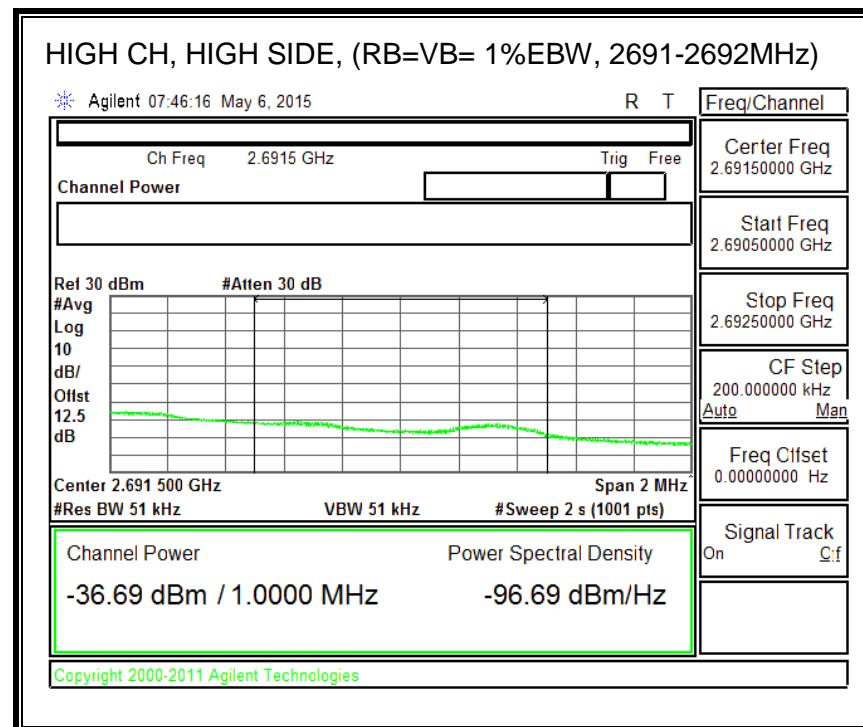
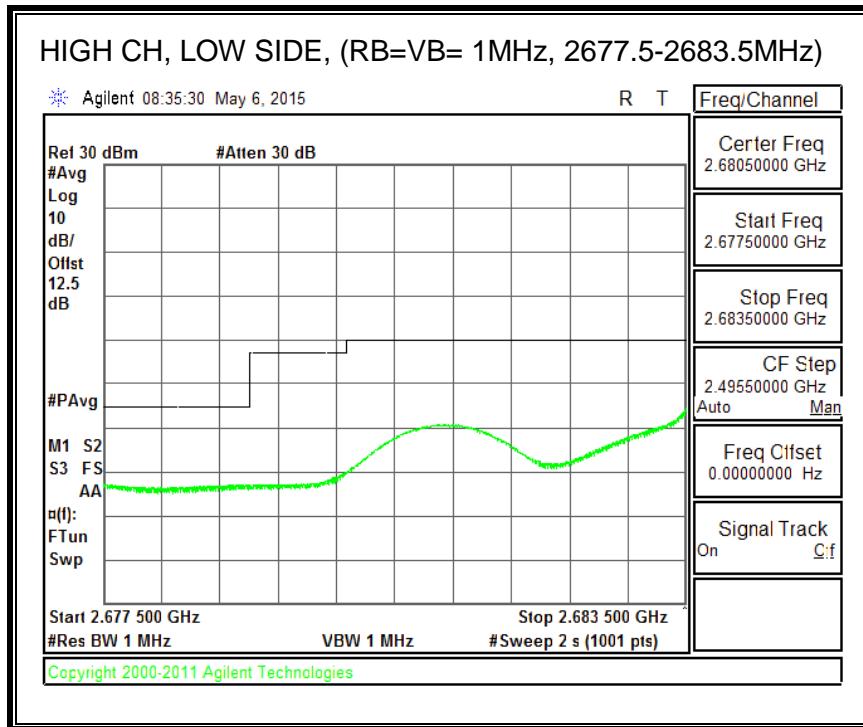


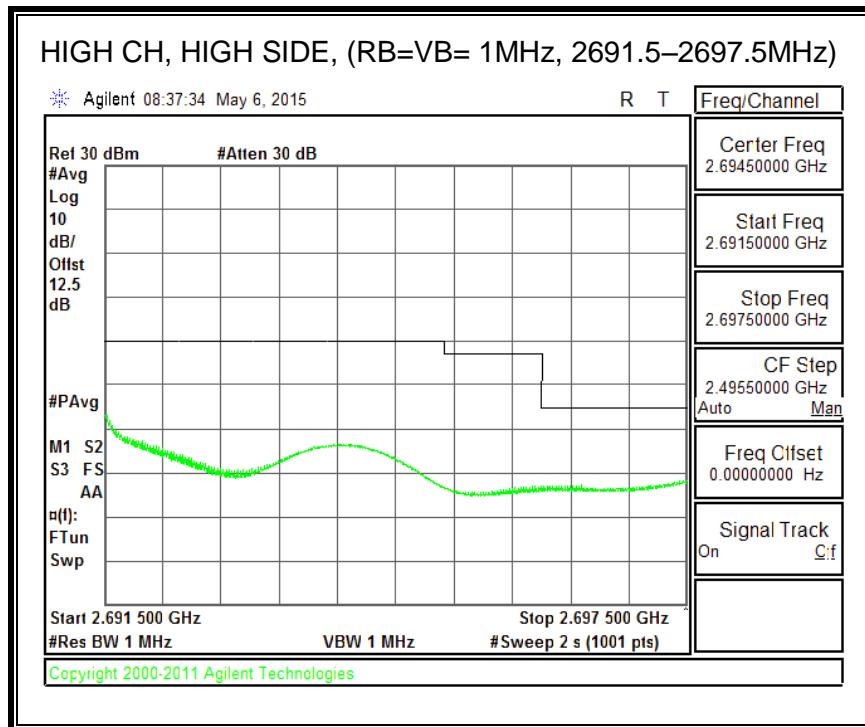


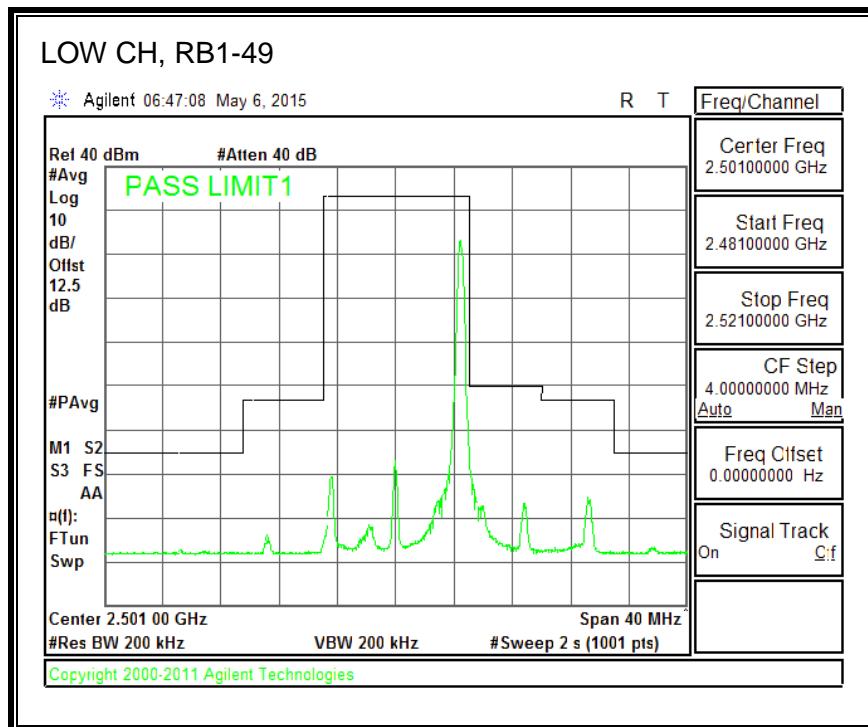
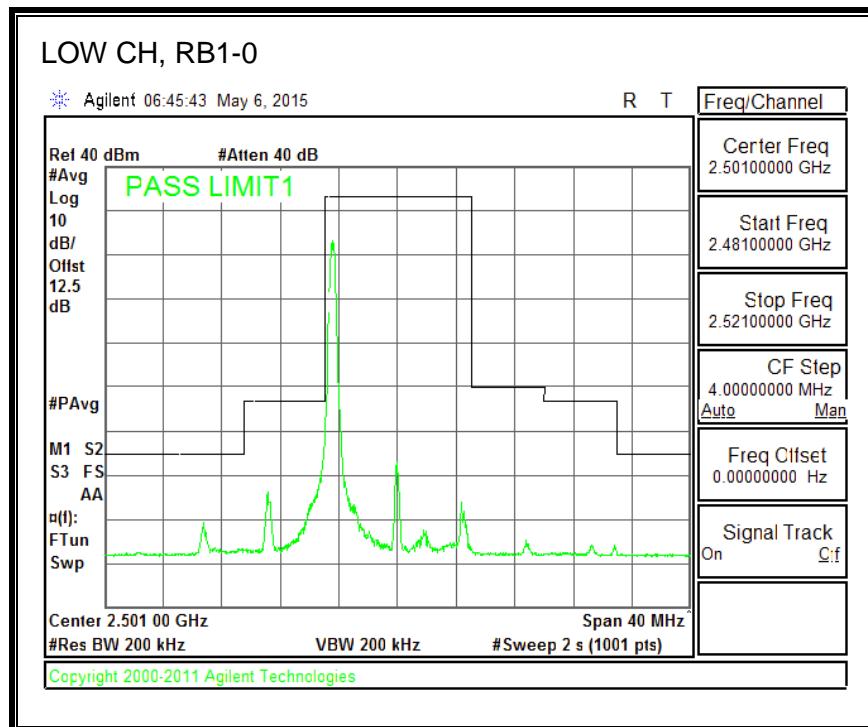


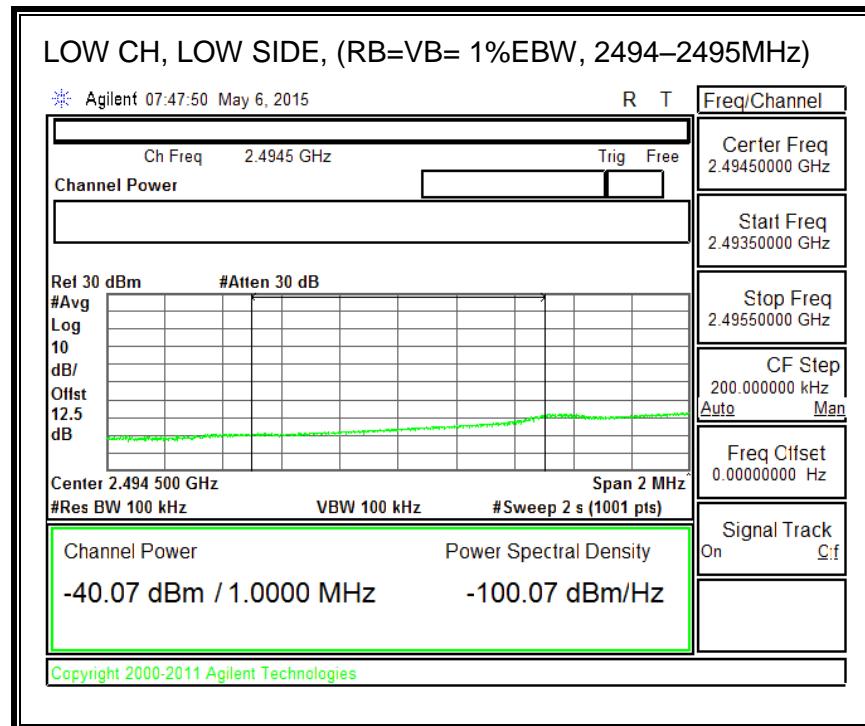
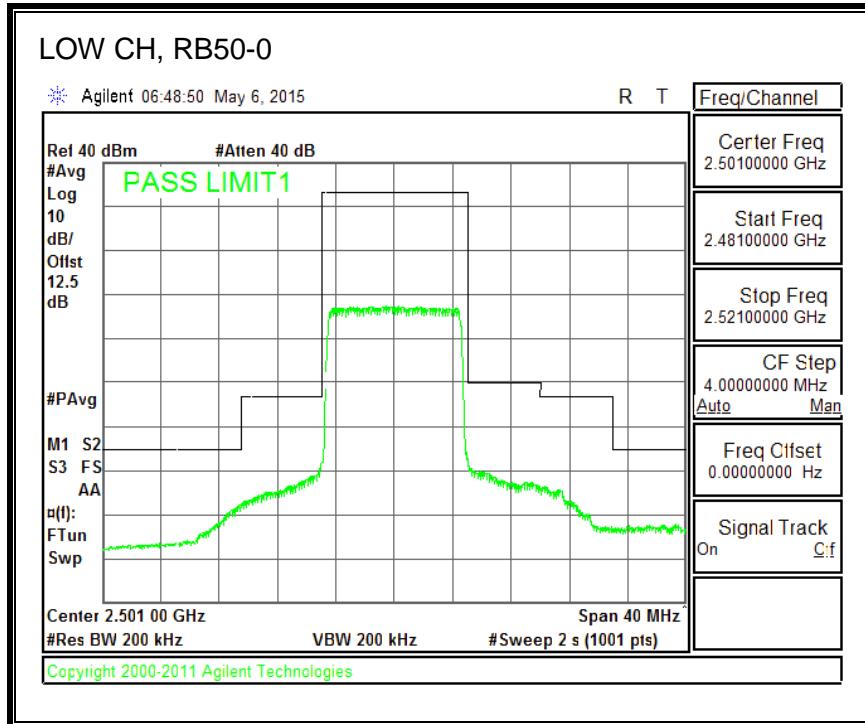


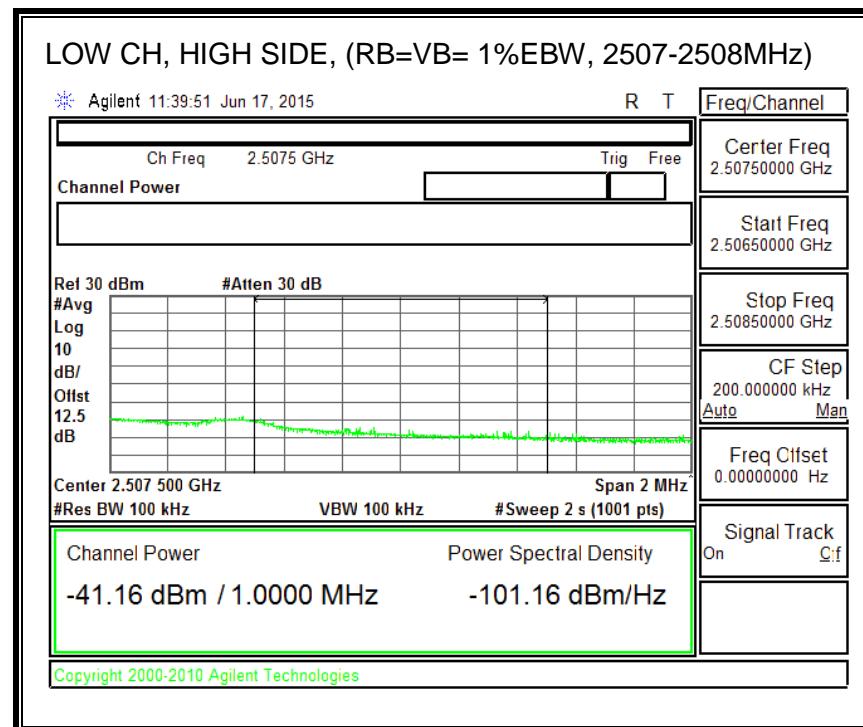
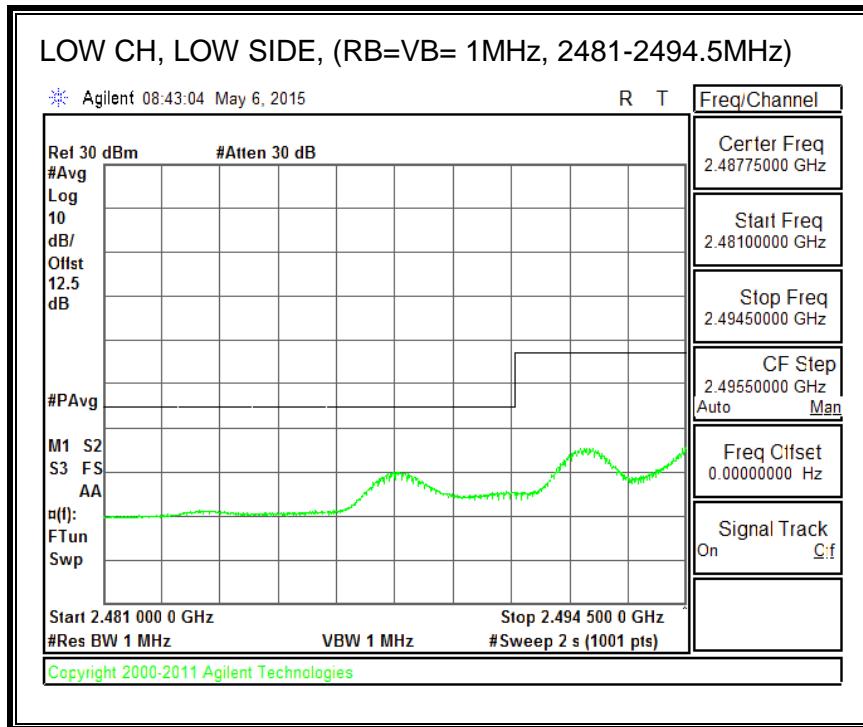


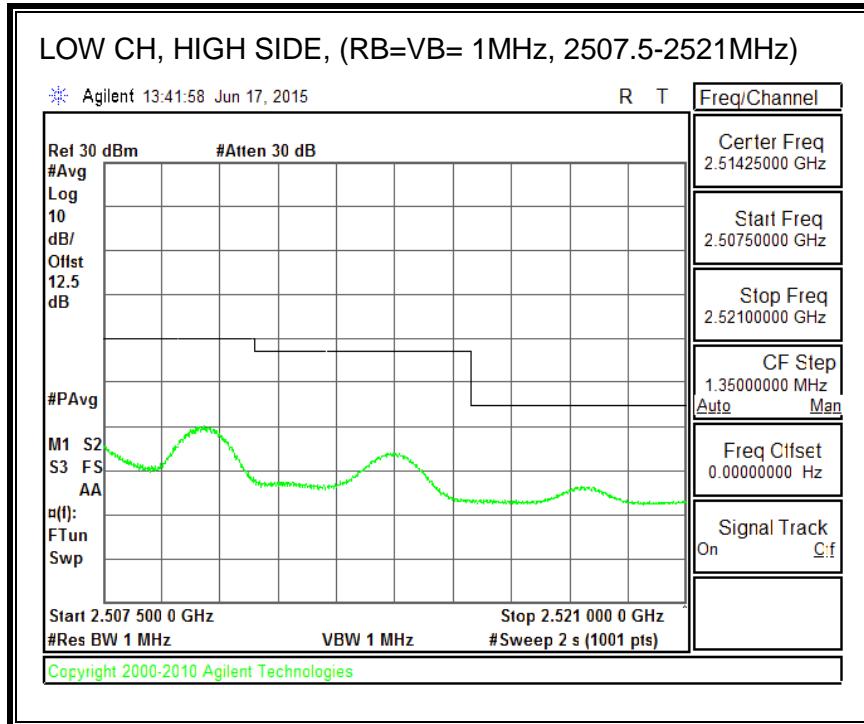


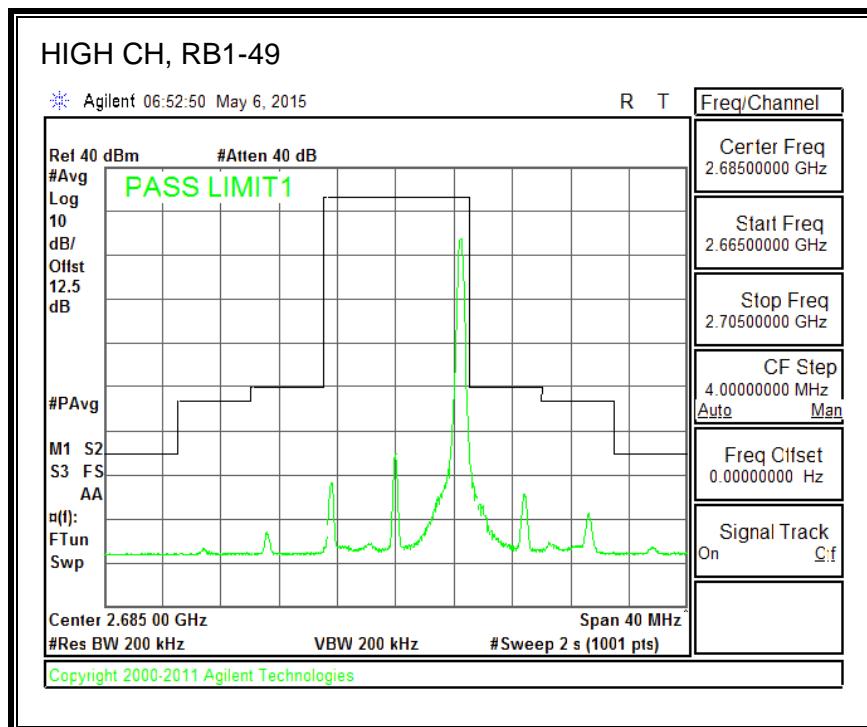
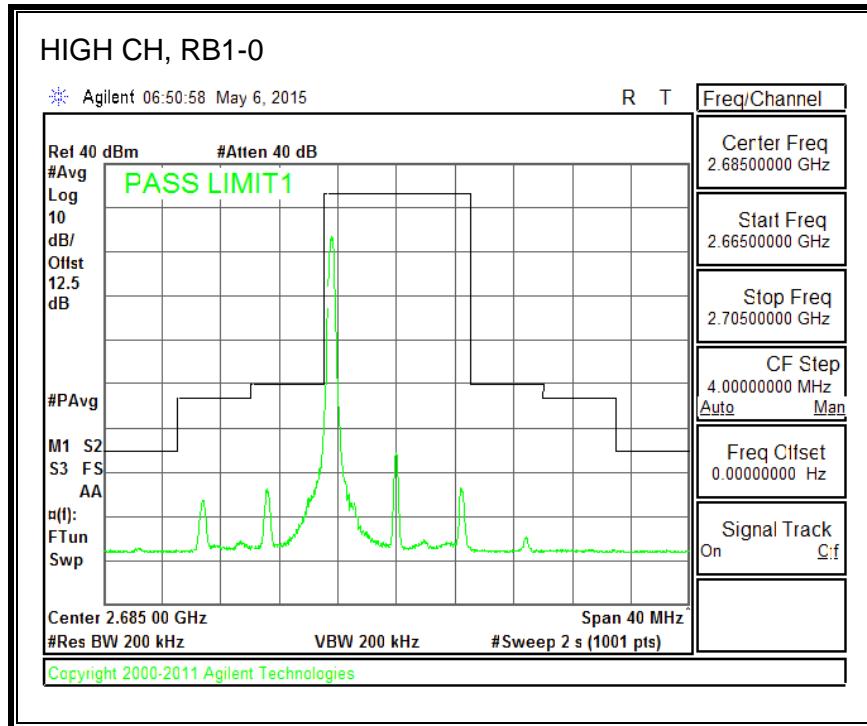


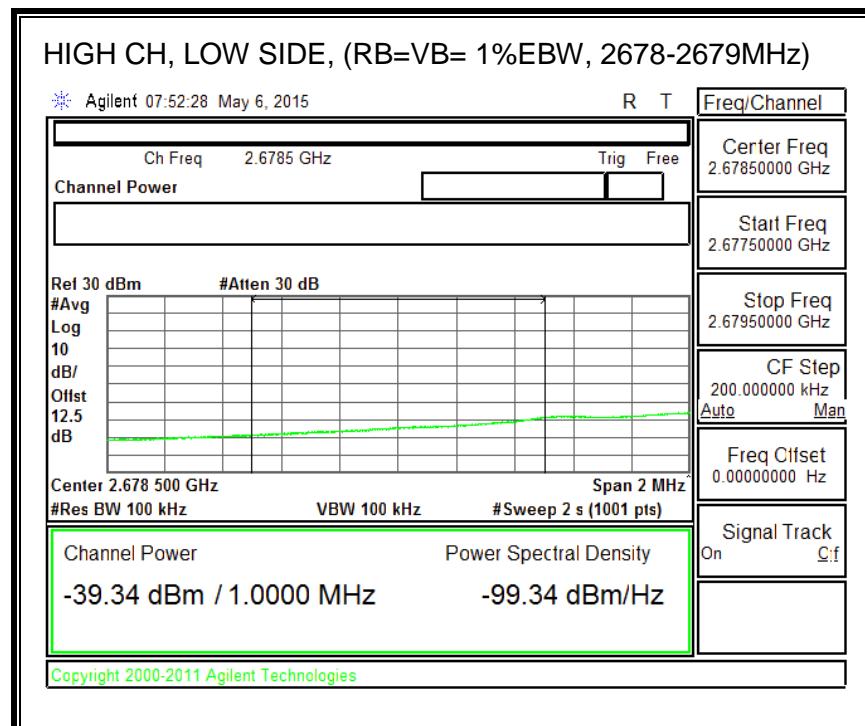
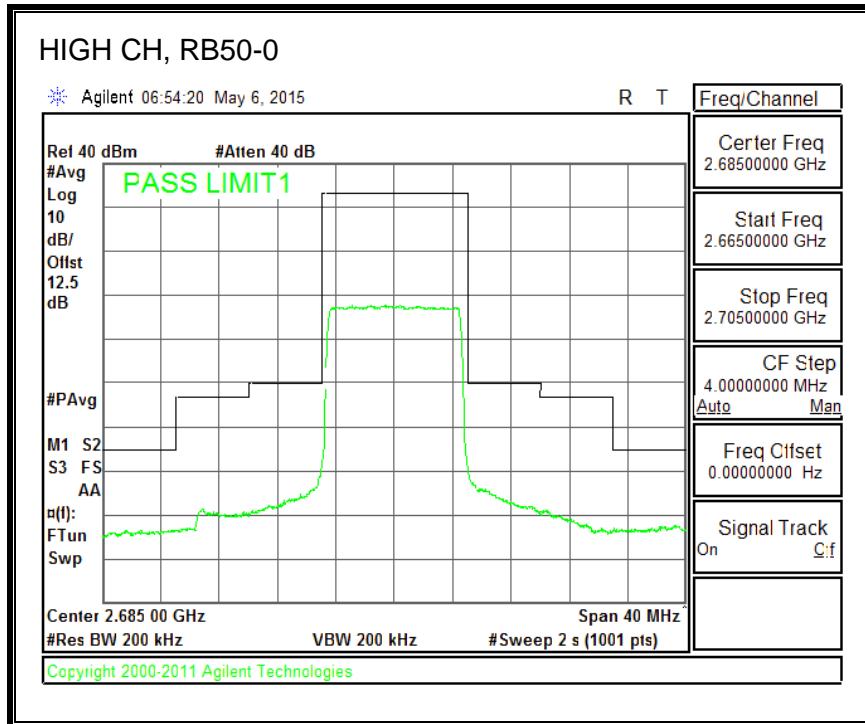
**QPSK, (10.0 MHz BAND WIDTH)**

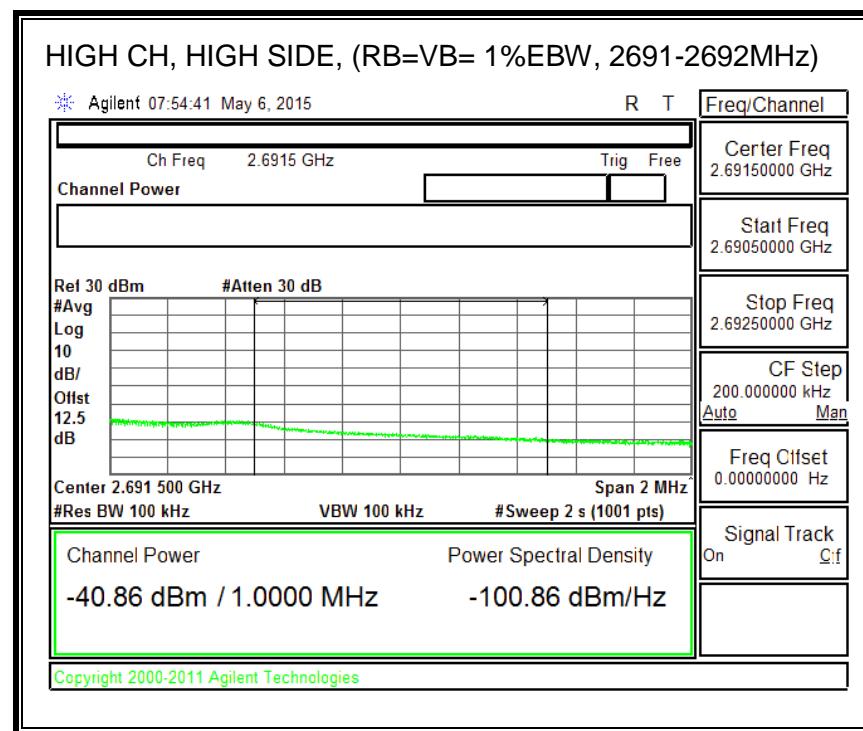
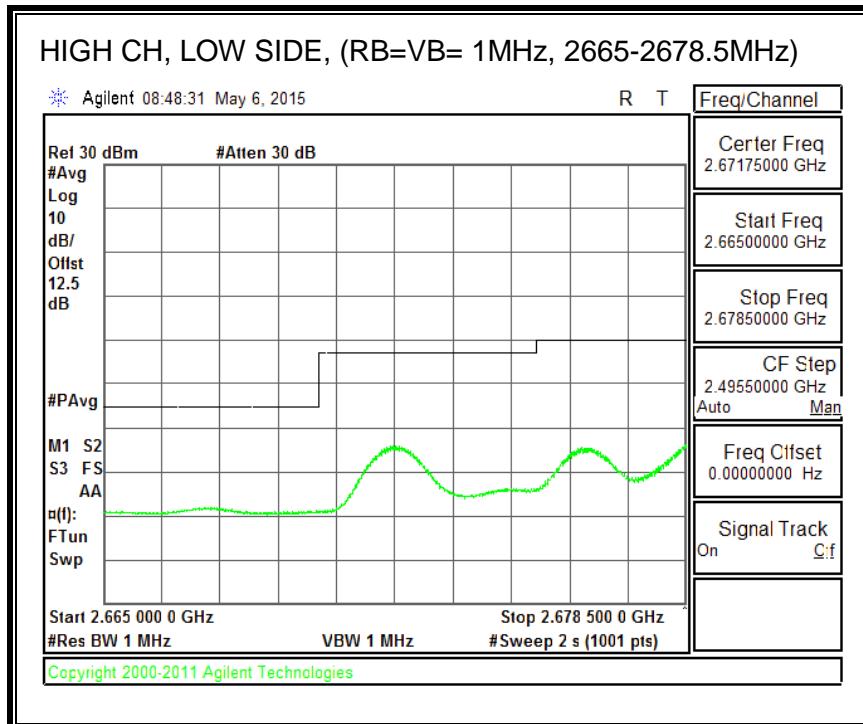


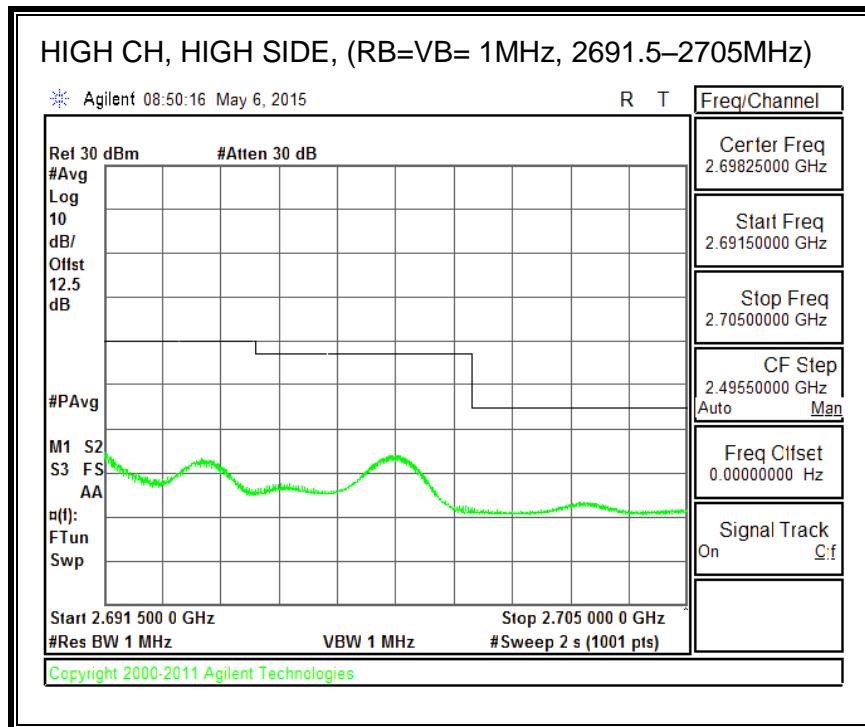


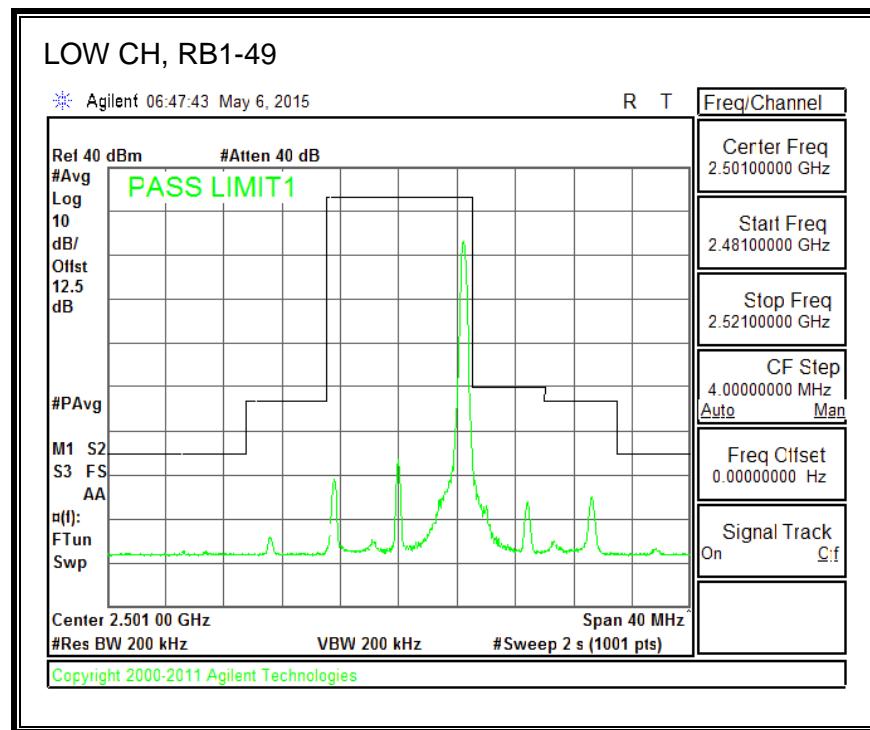
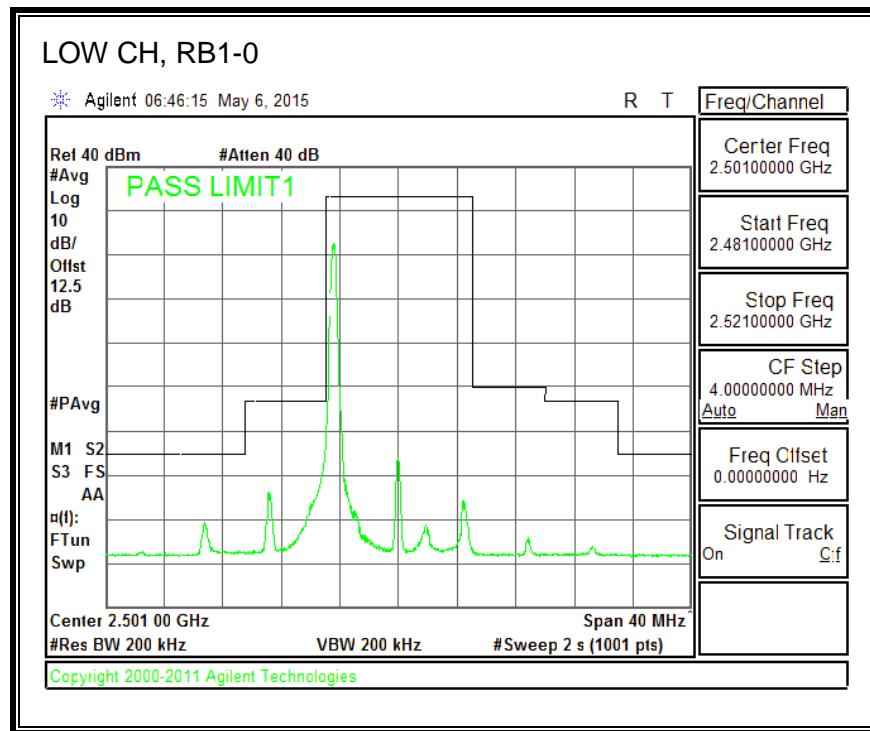


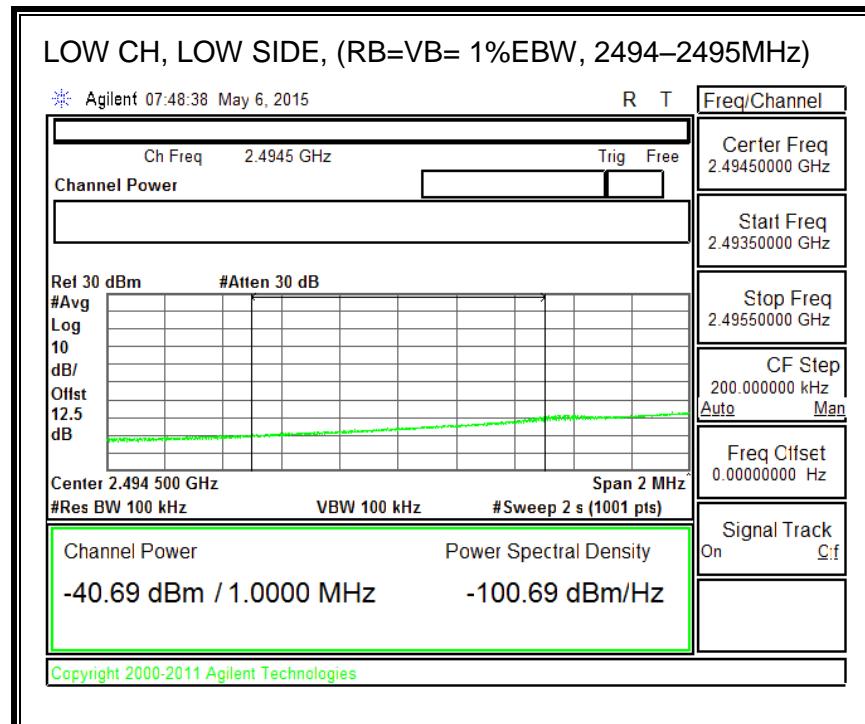
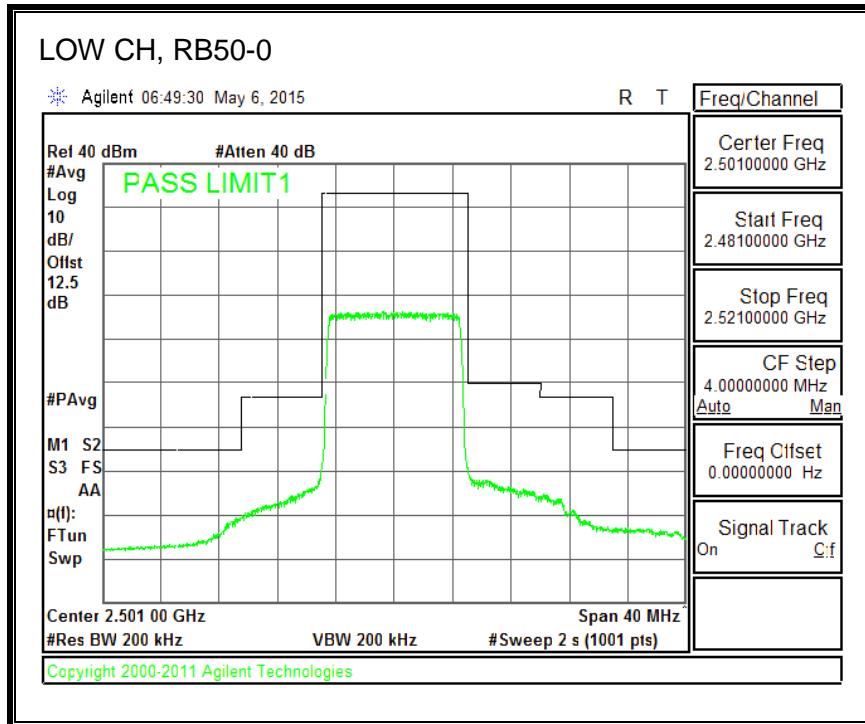


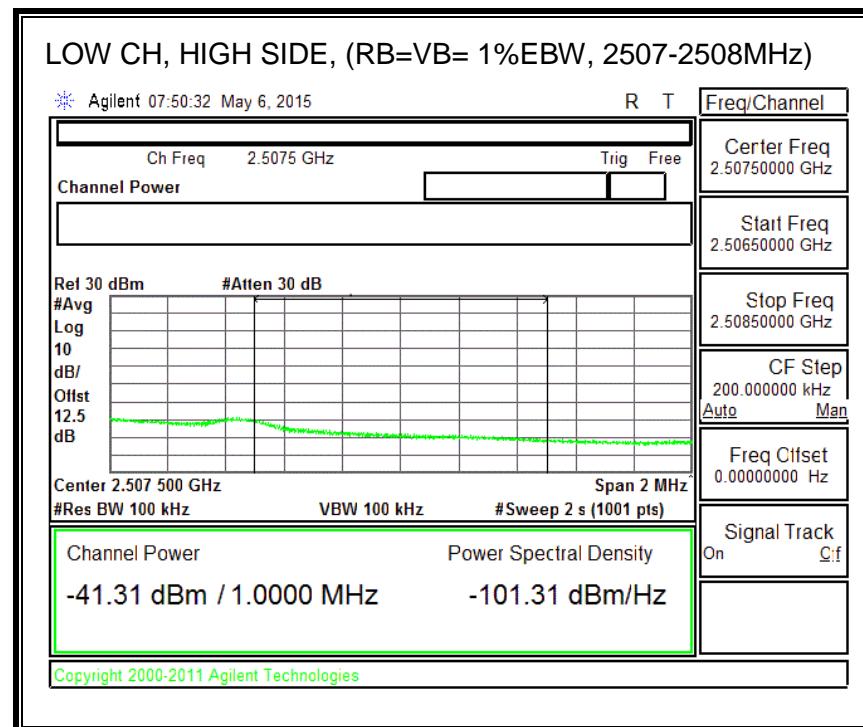
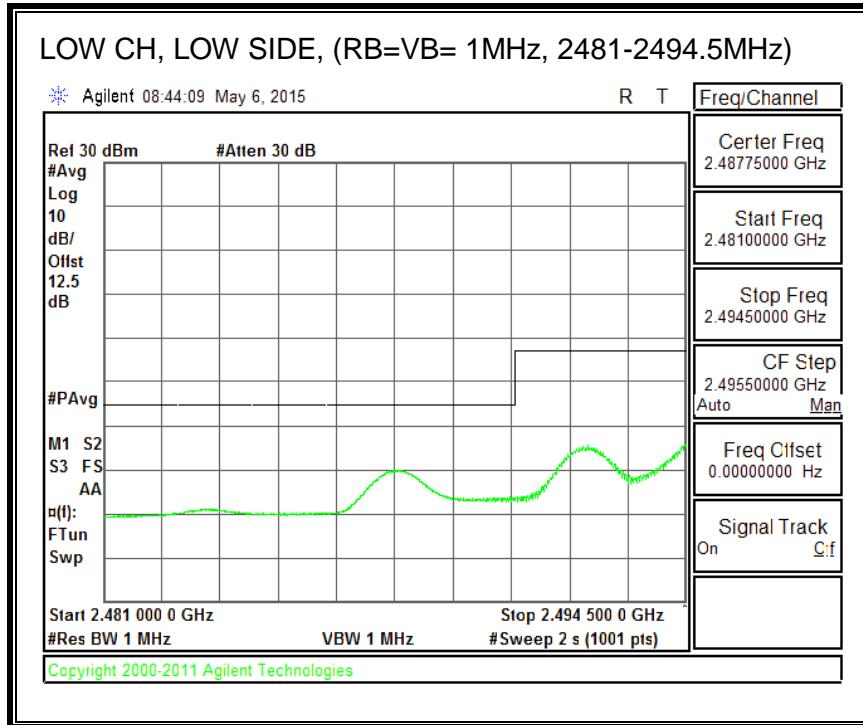


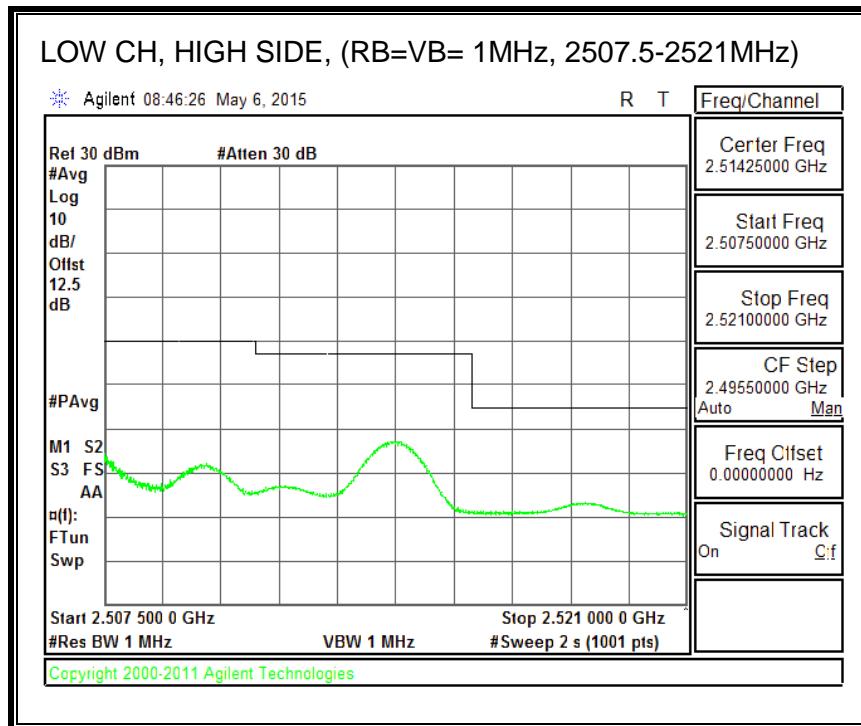


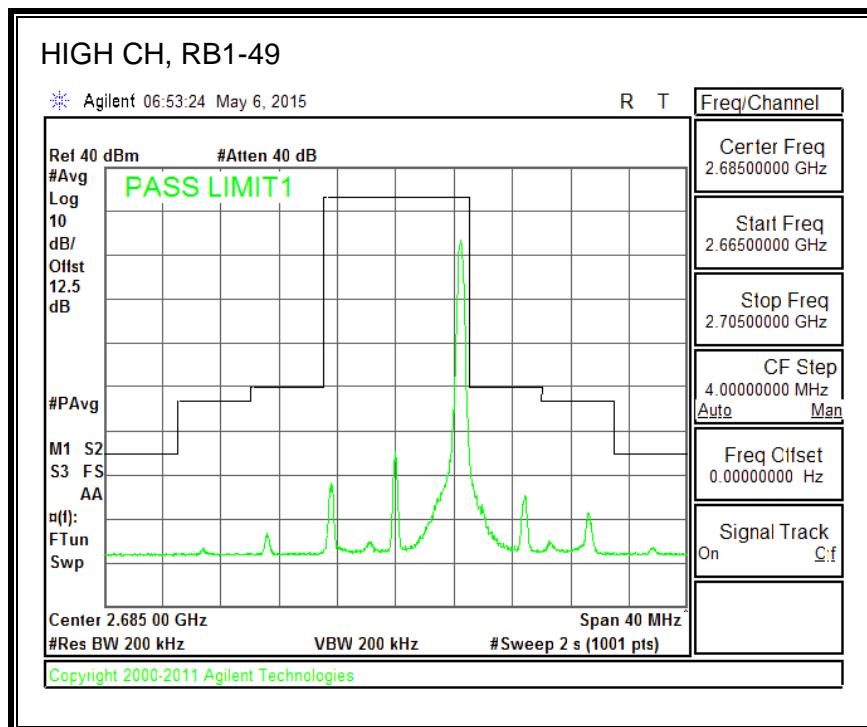
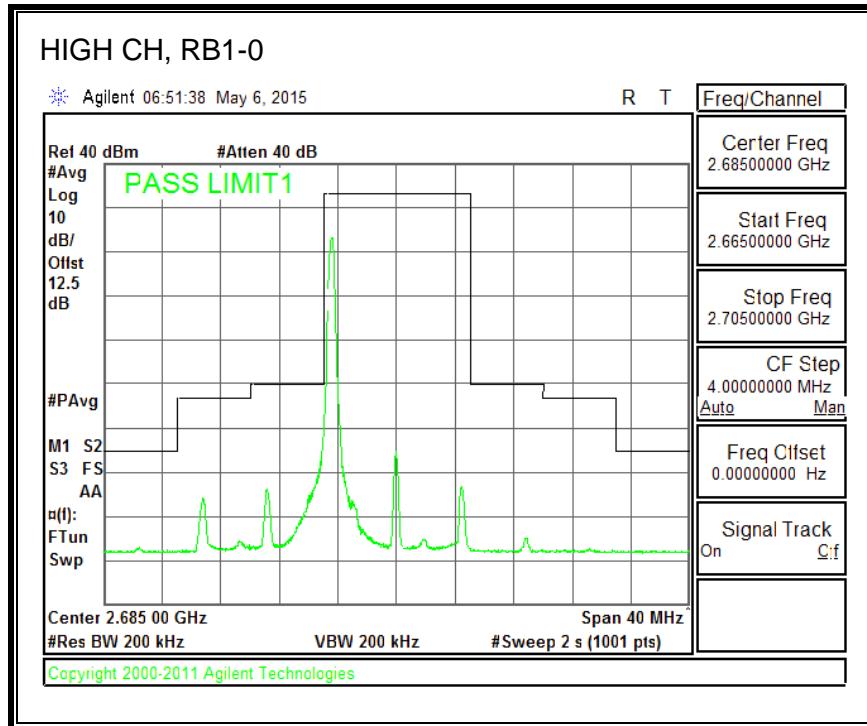


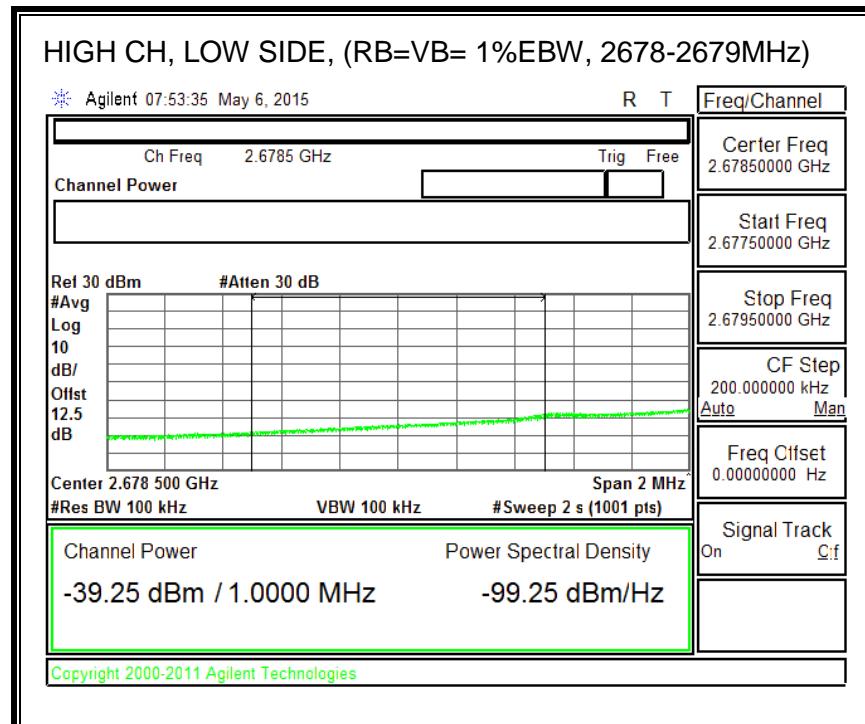
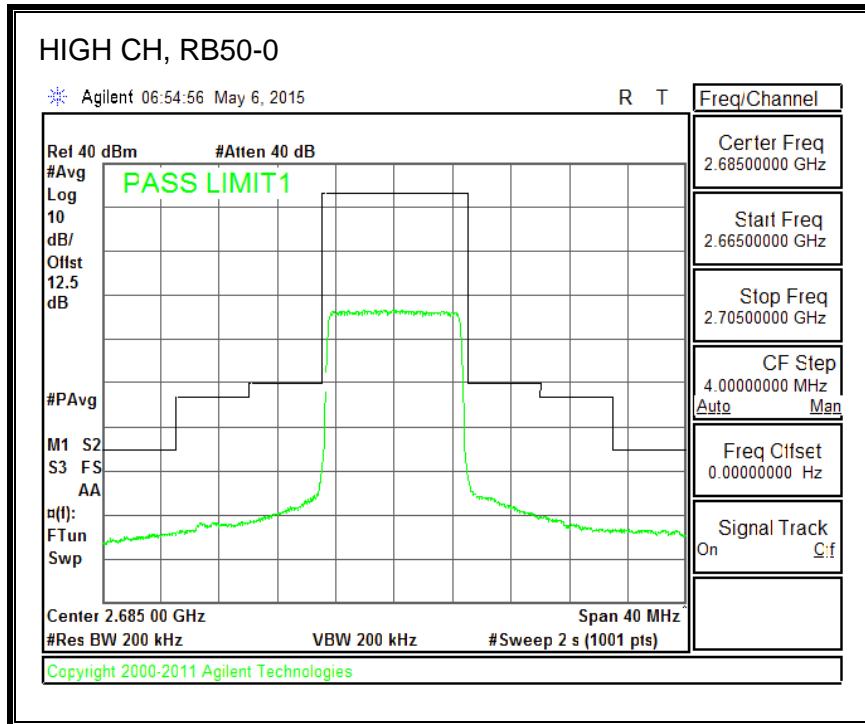
**16QAM, (10.0 MHz BAND WIDTH)**

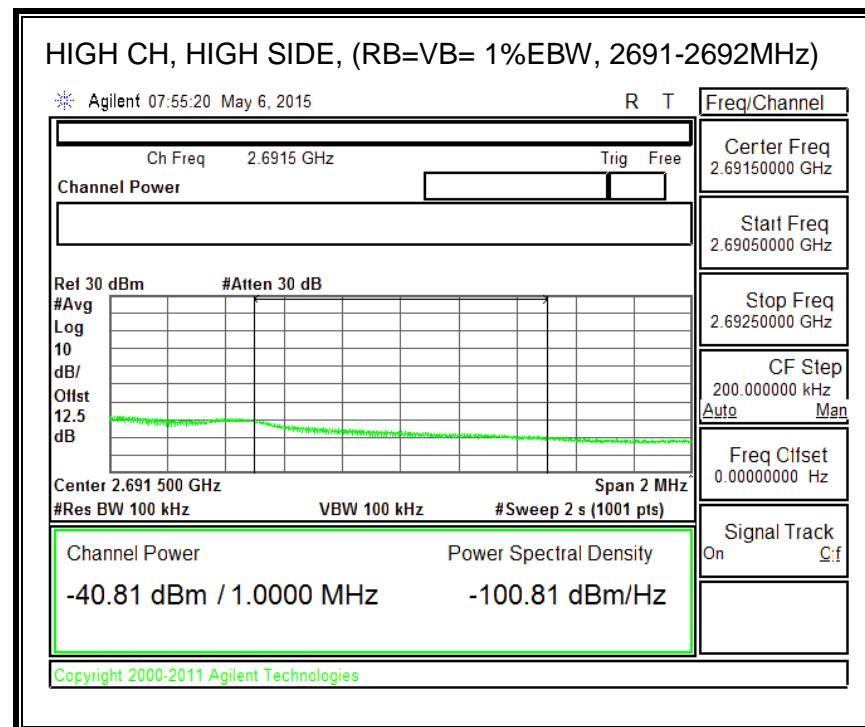
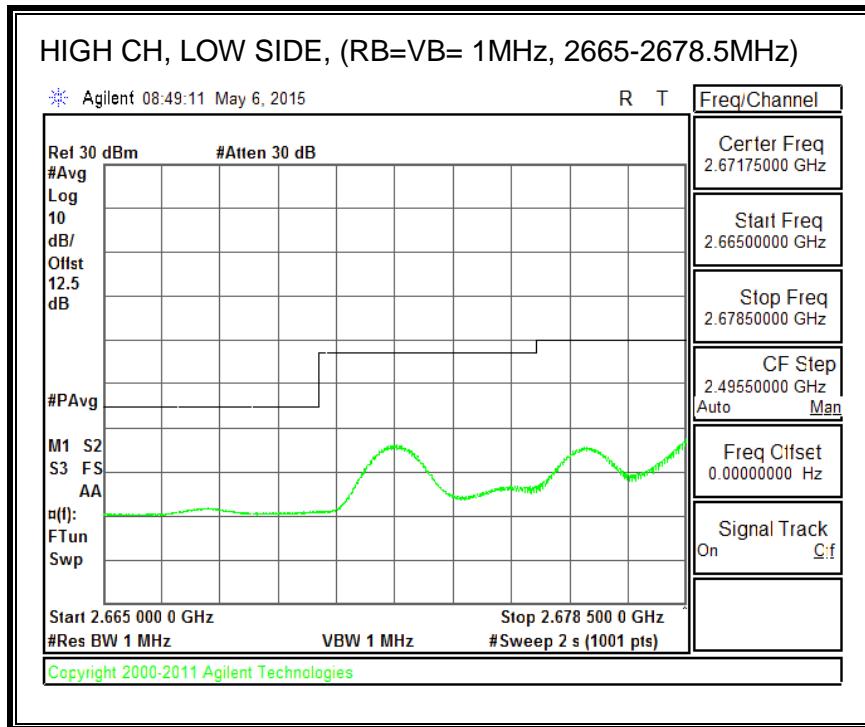


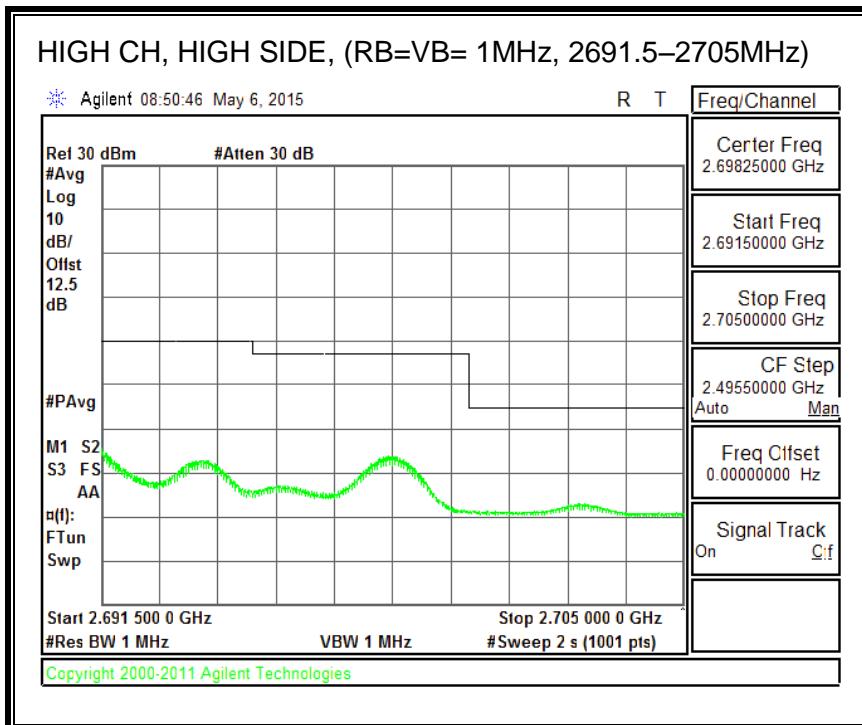


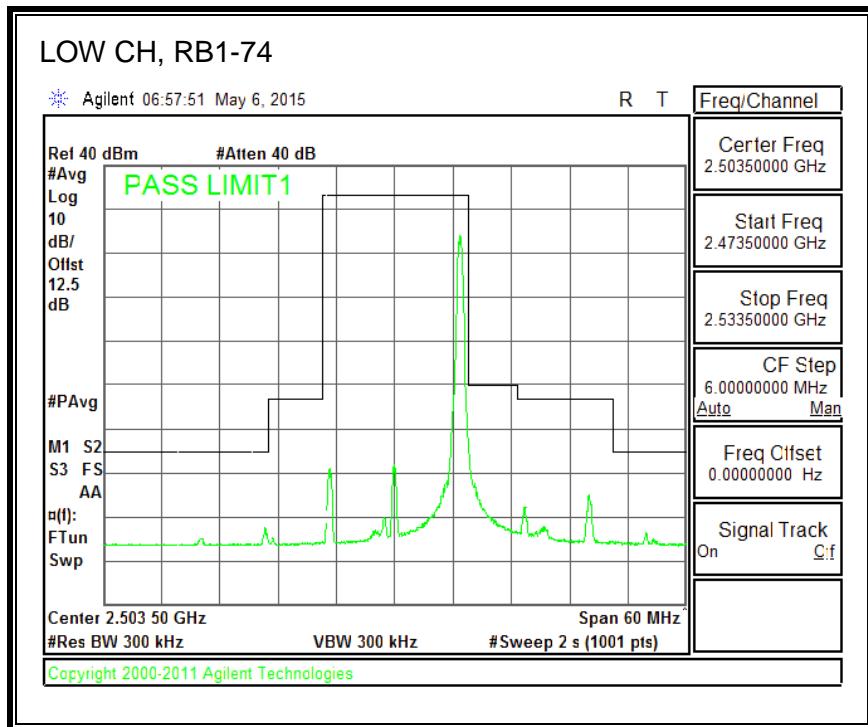
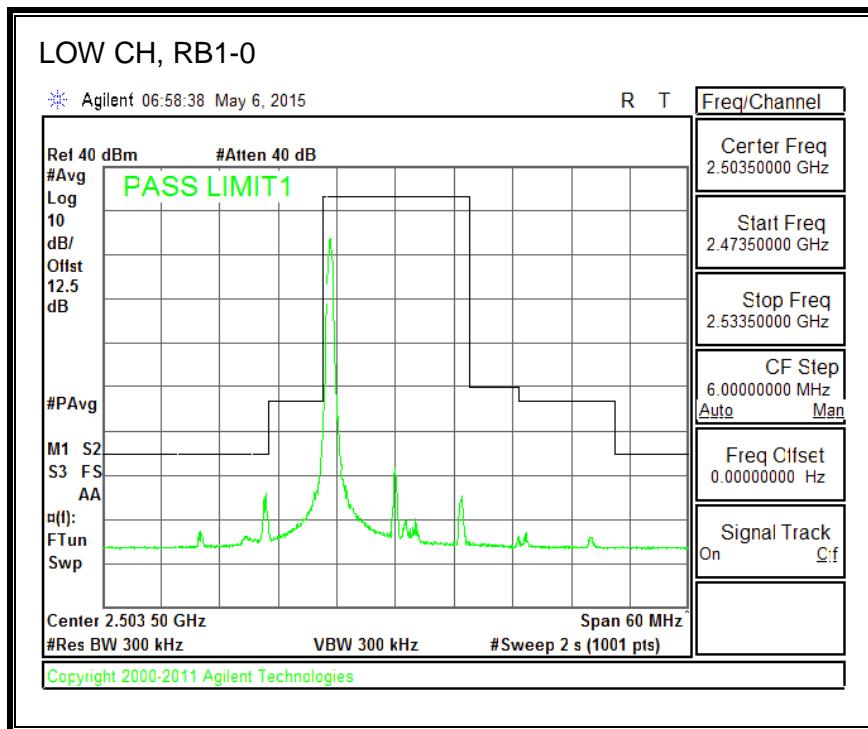


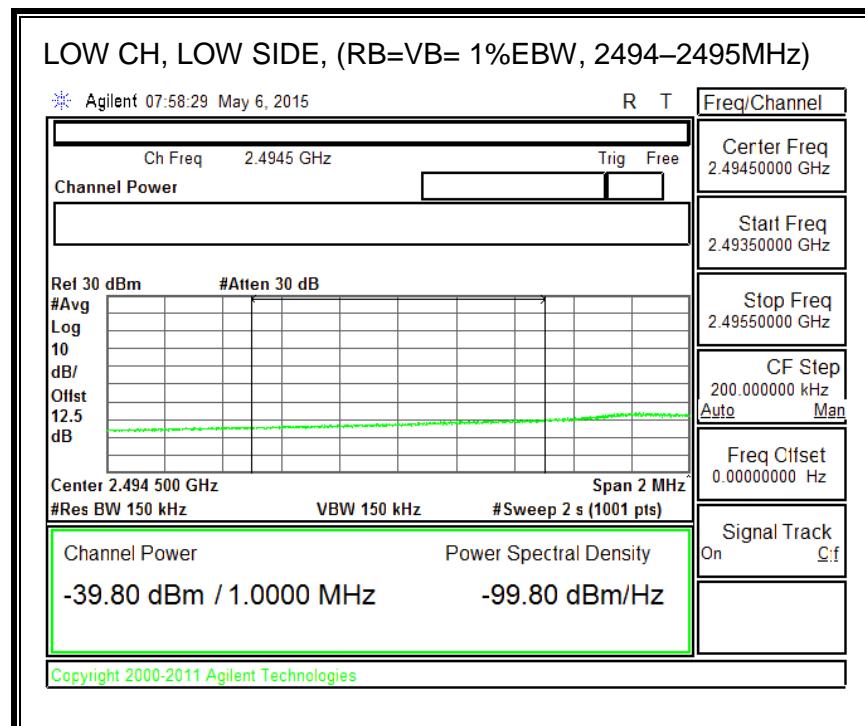
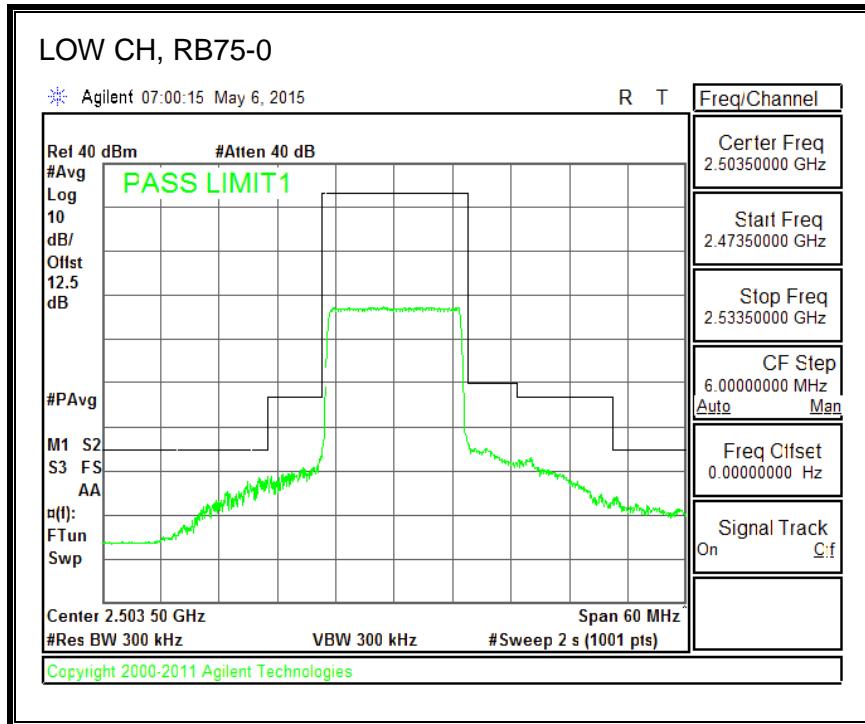


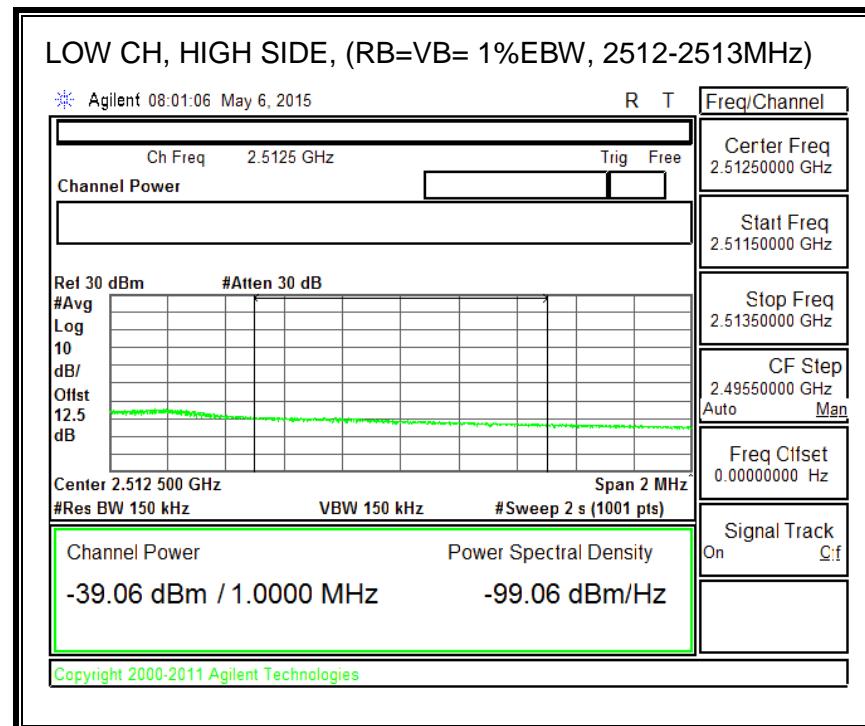
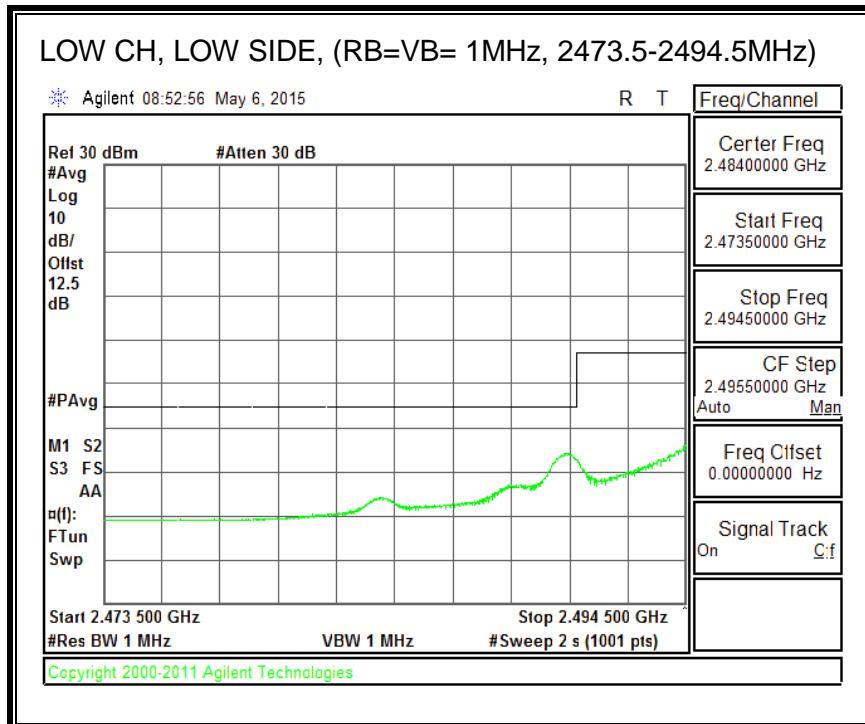


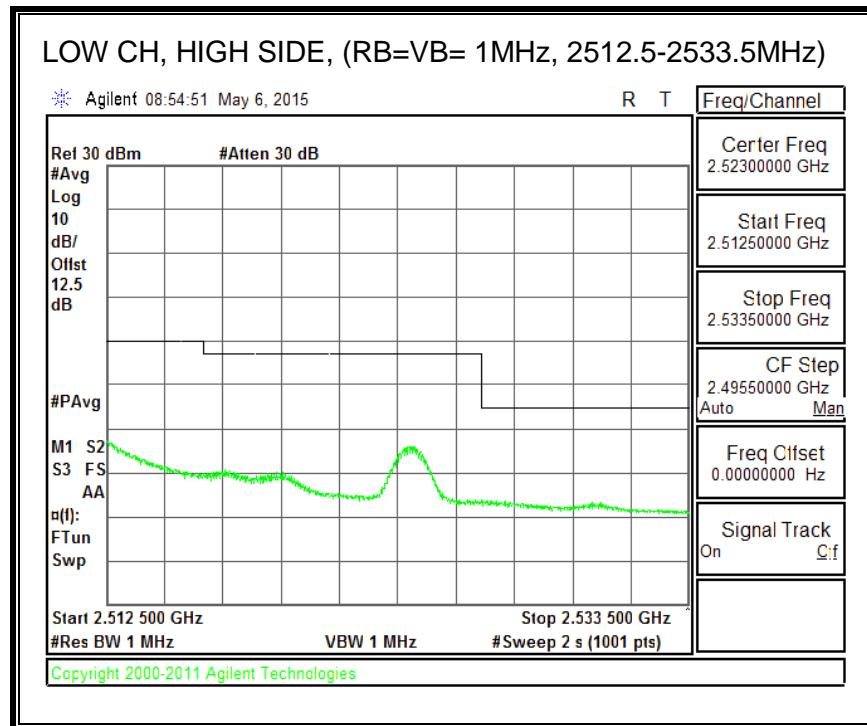


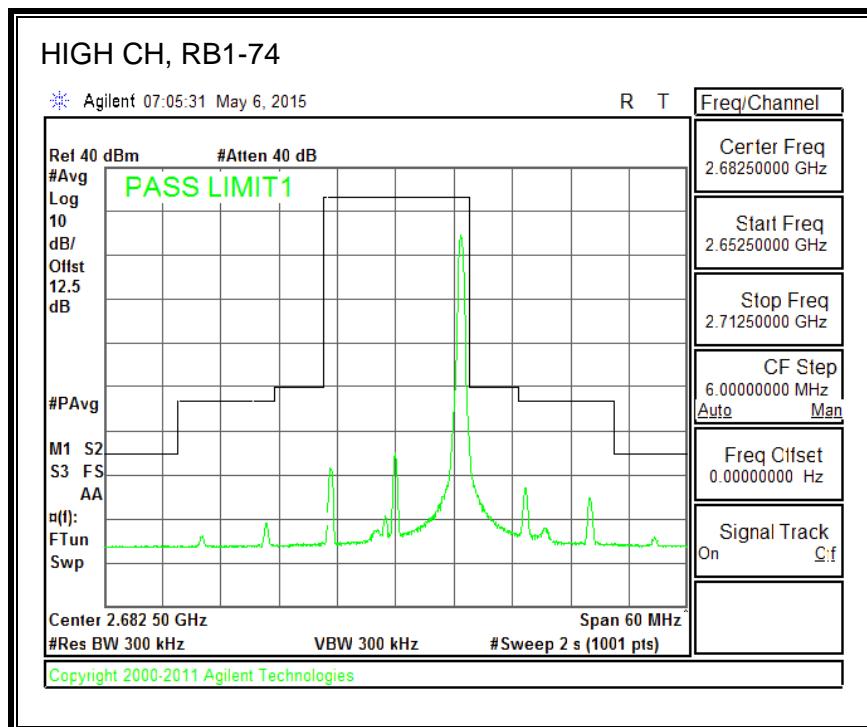
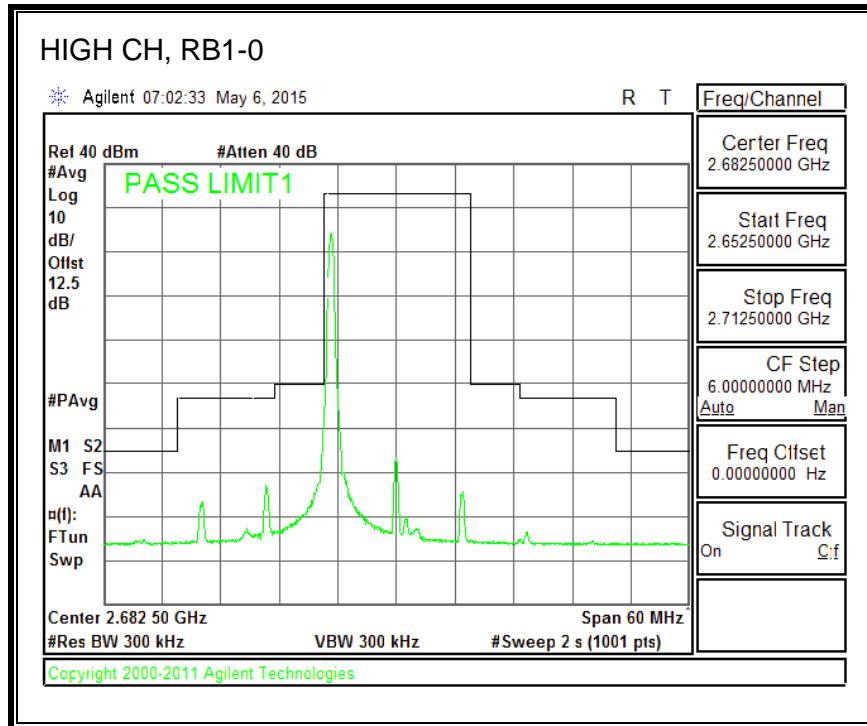


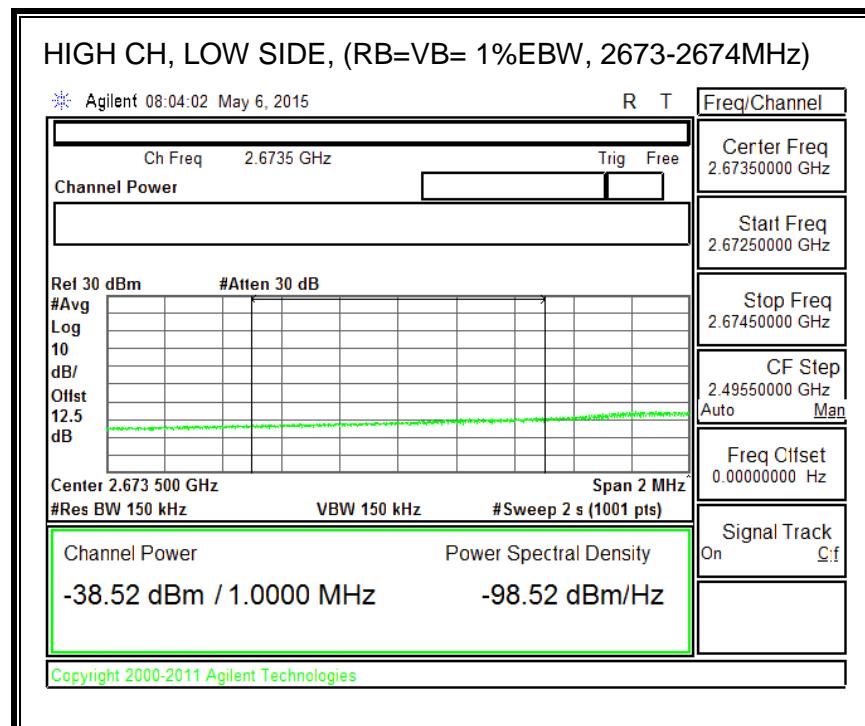
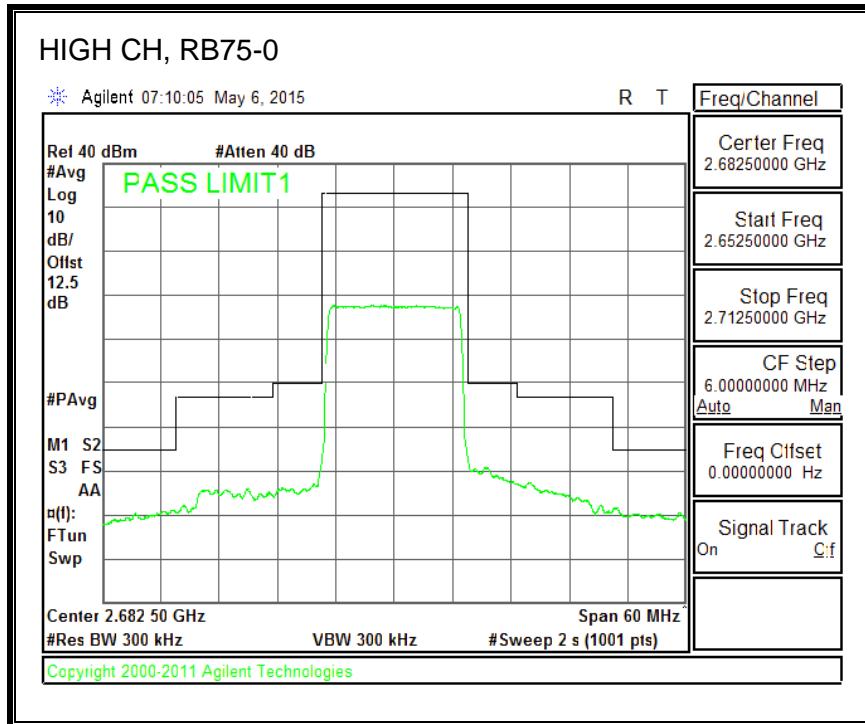
**QPSK, (15.0 MHz BAND WIDTH)**

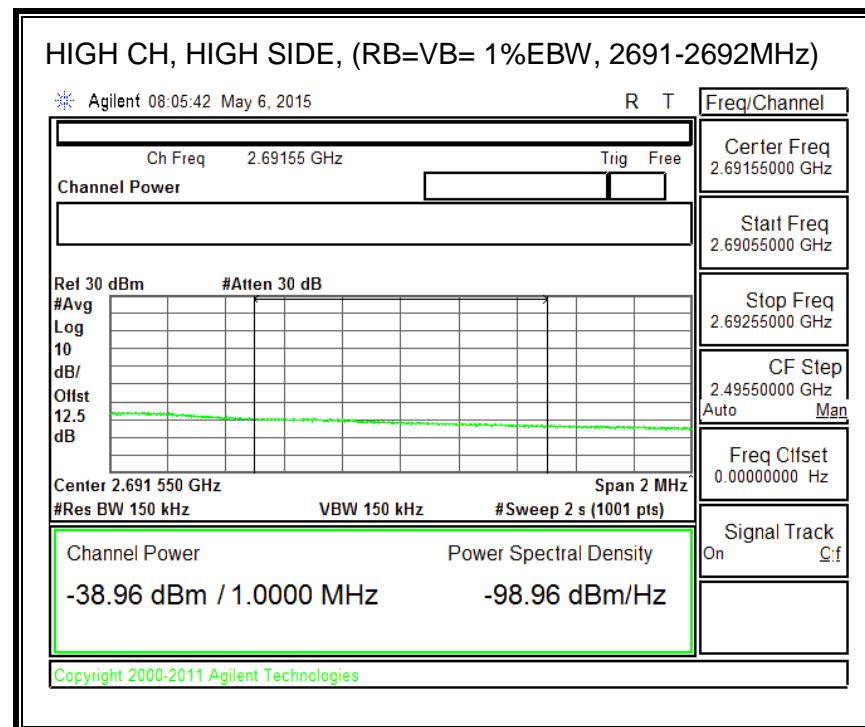
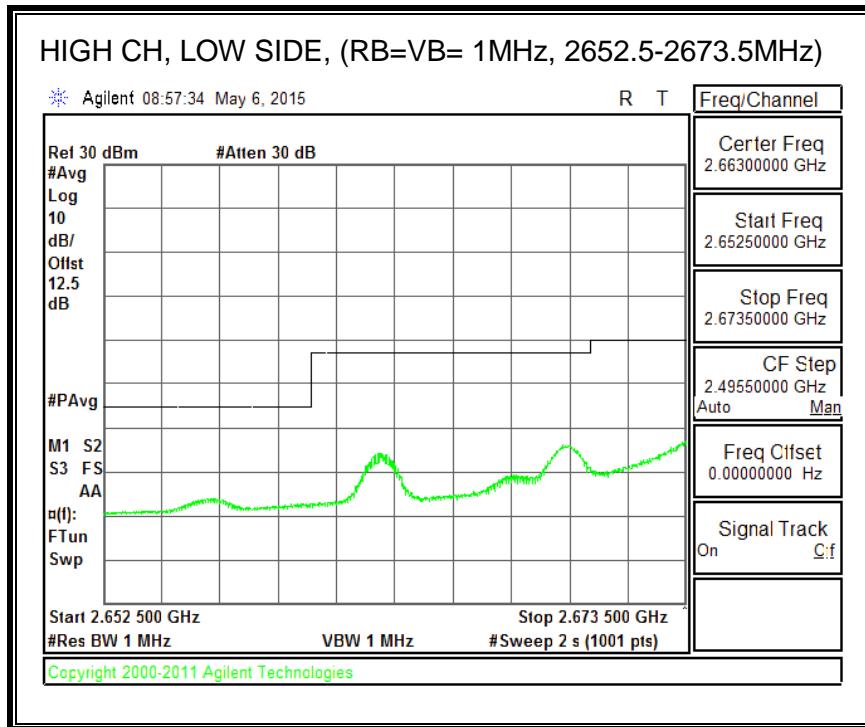


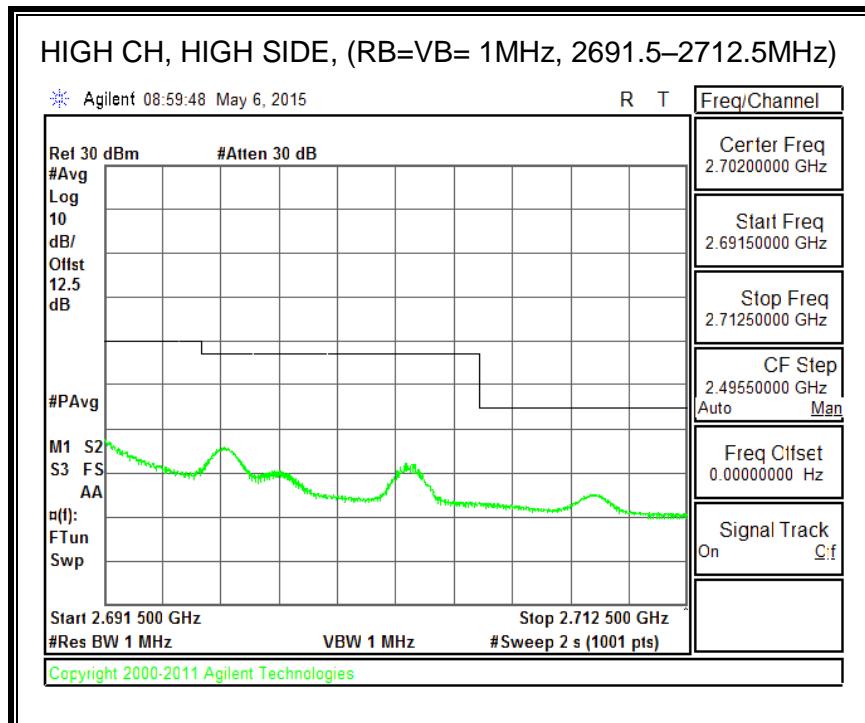


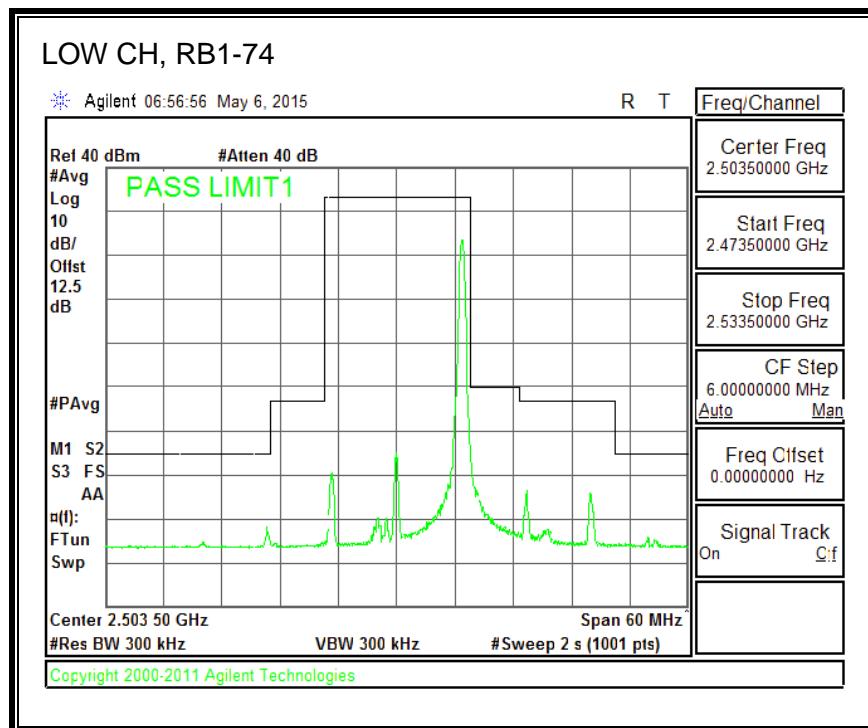
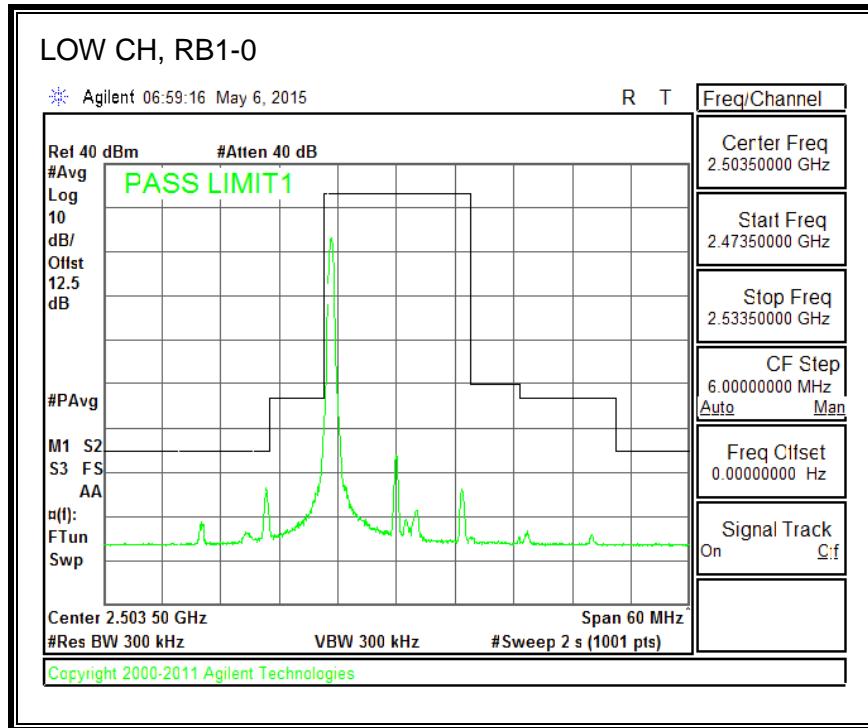


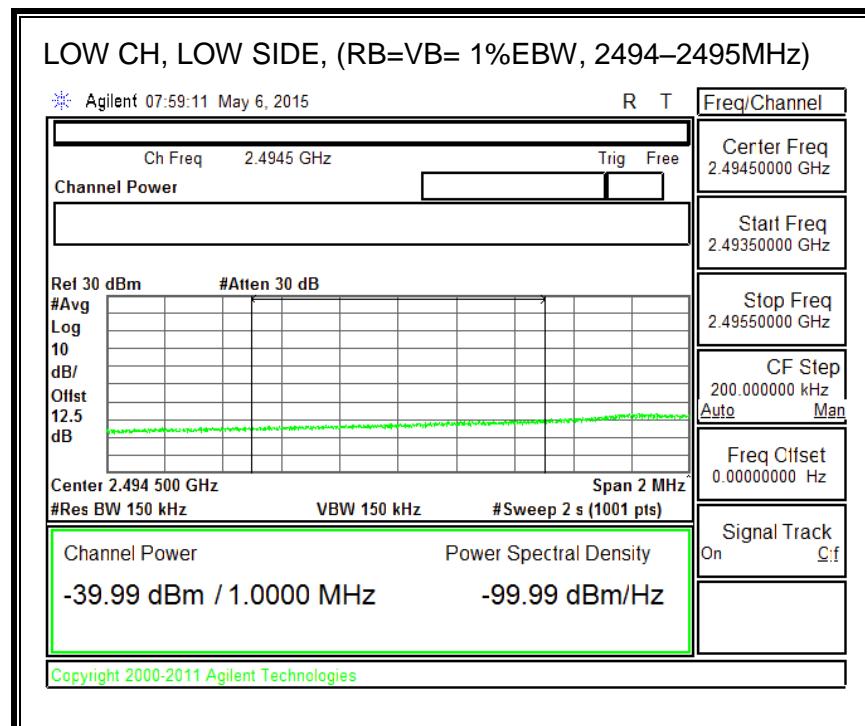
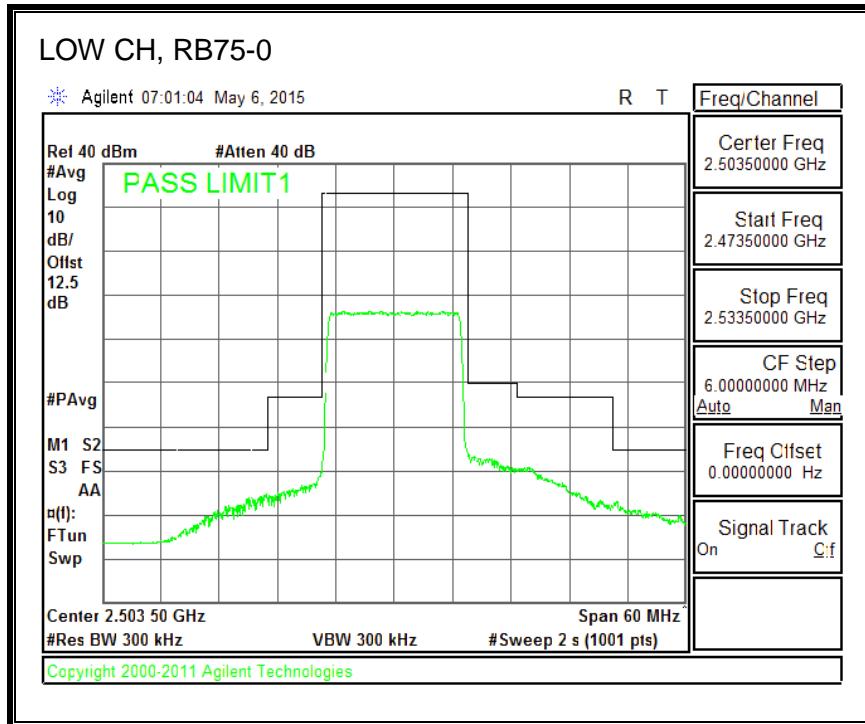


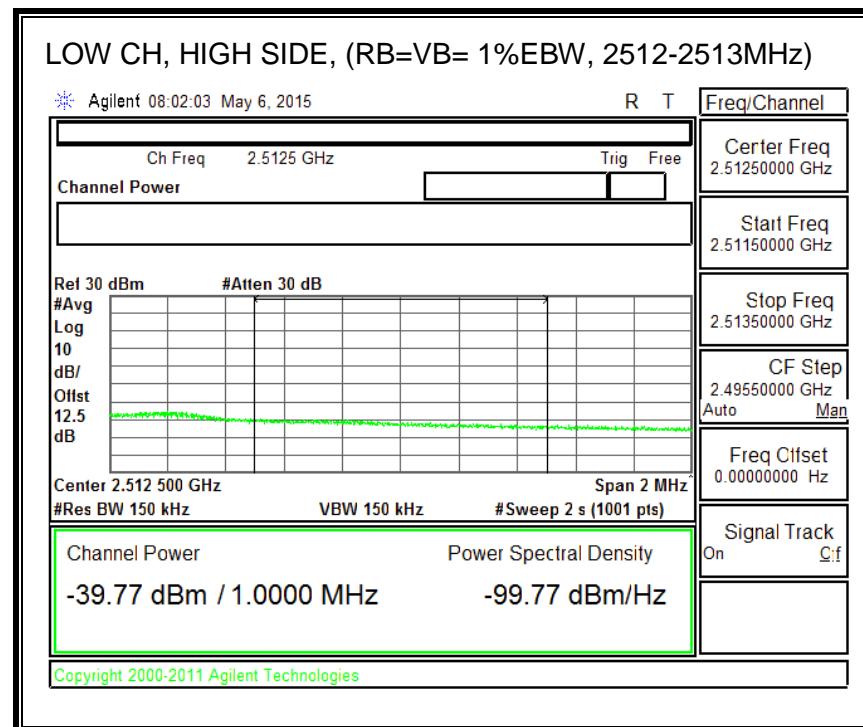
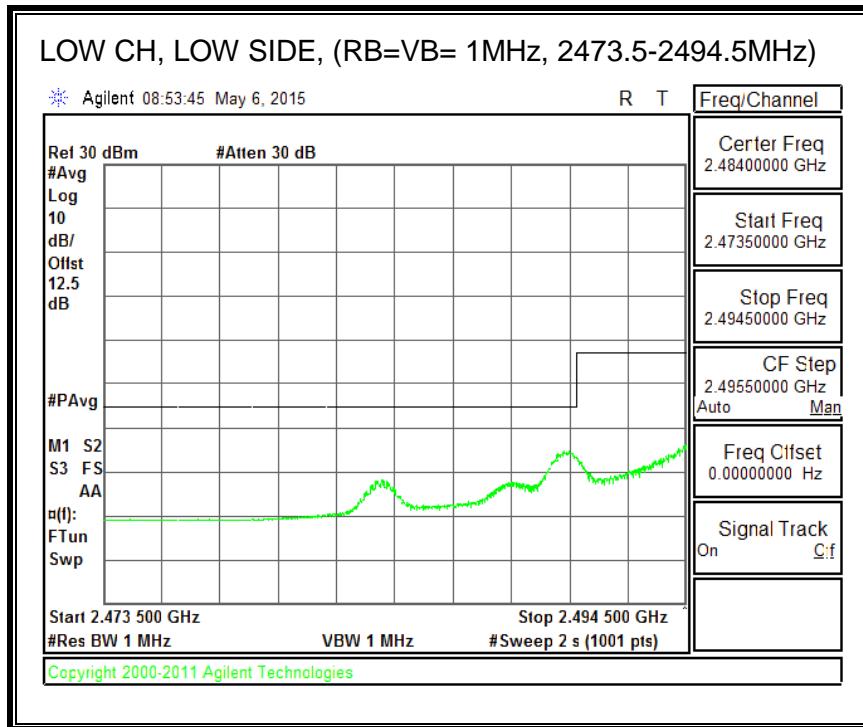


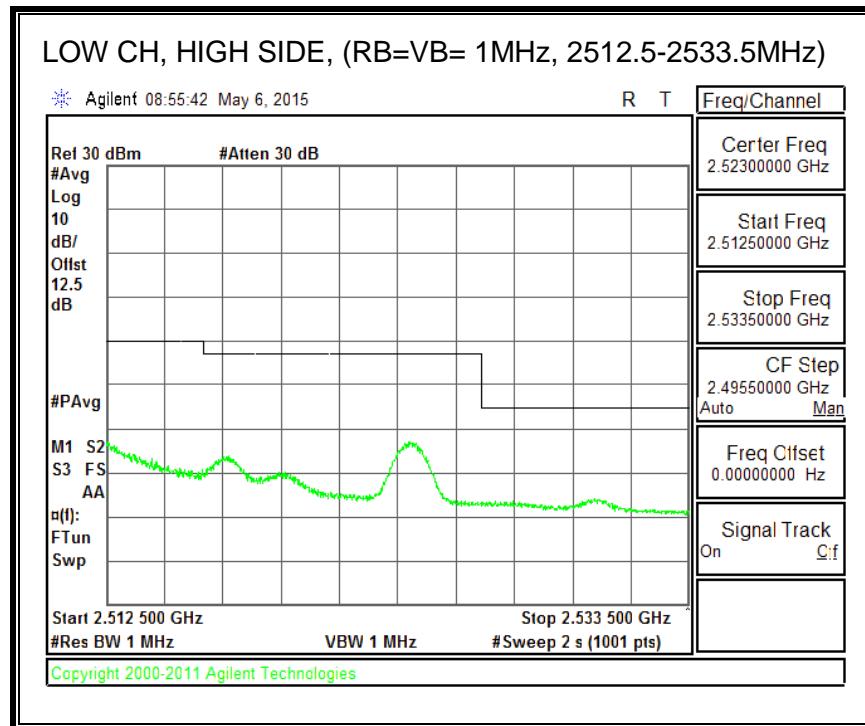


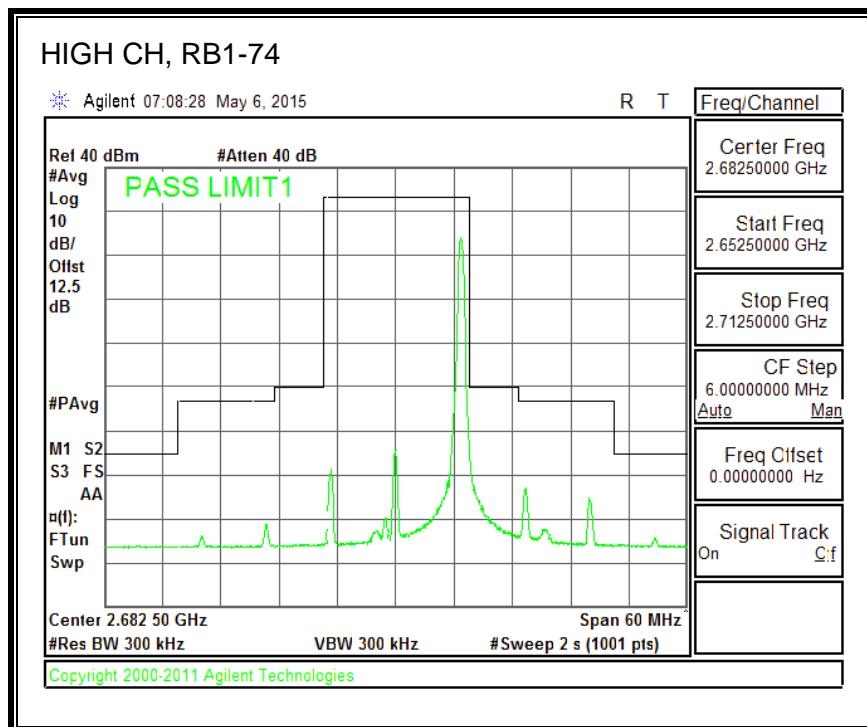
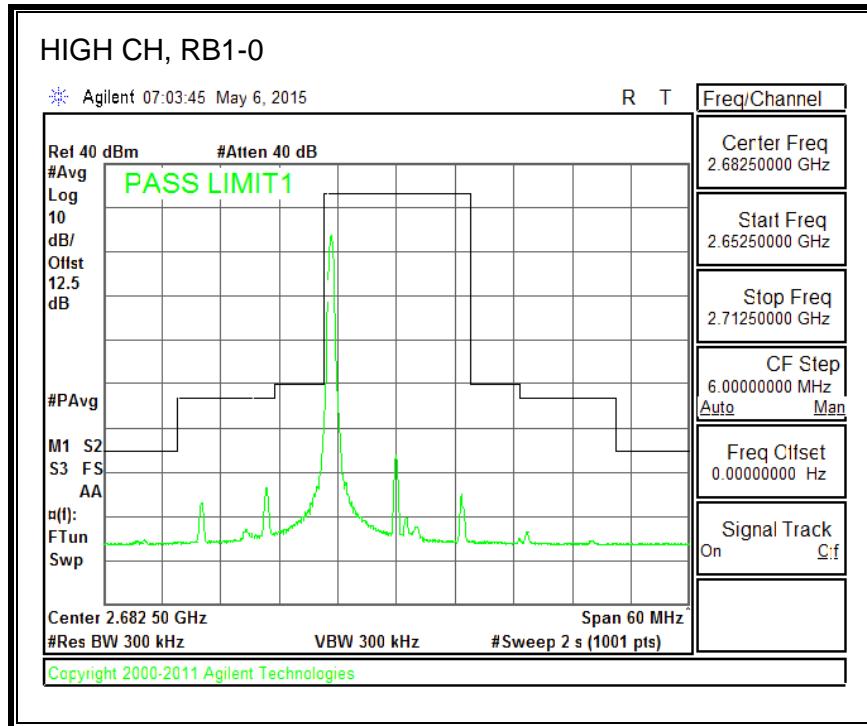


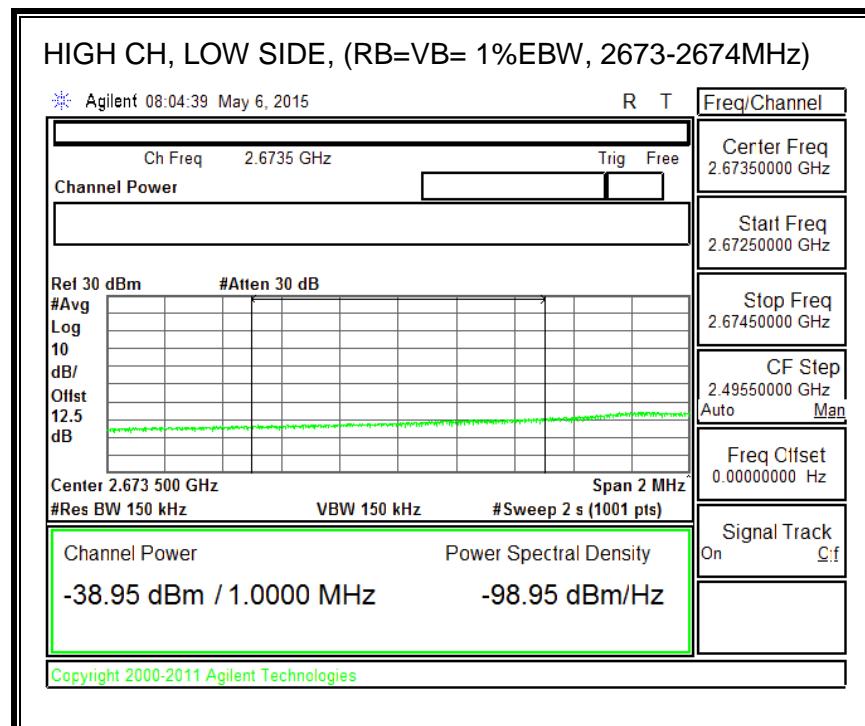
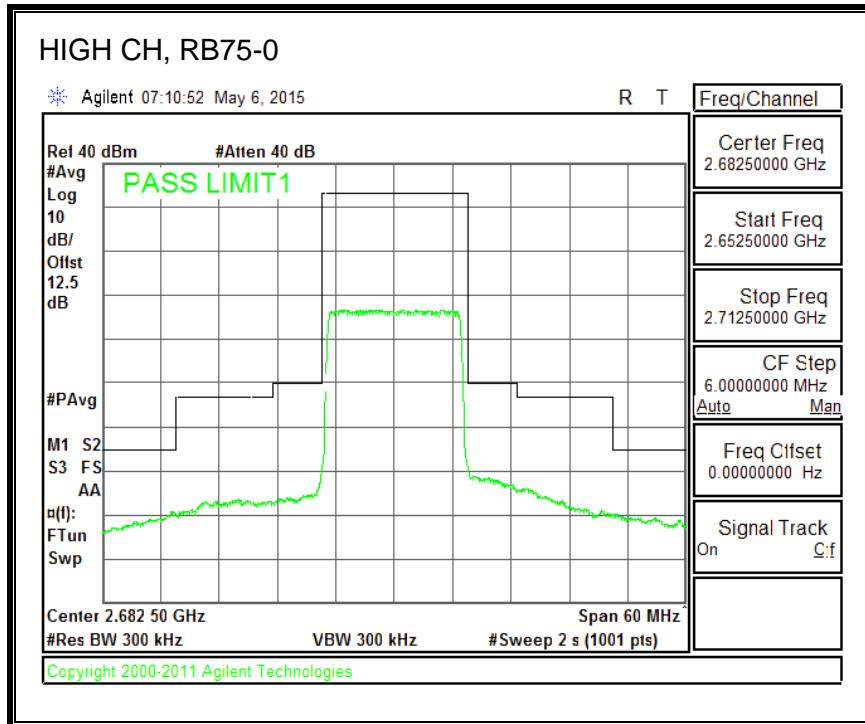
**16QAM, (15.0 MHz BAND WIDTH)**

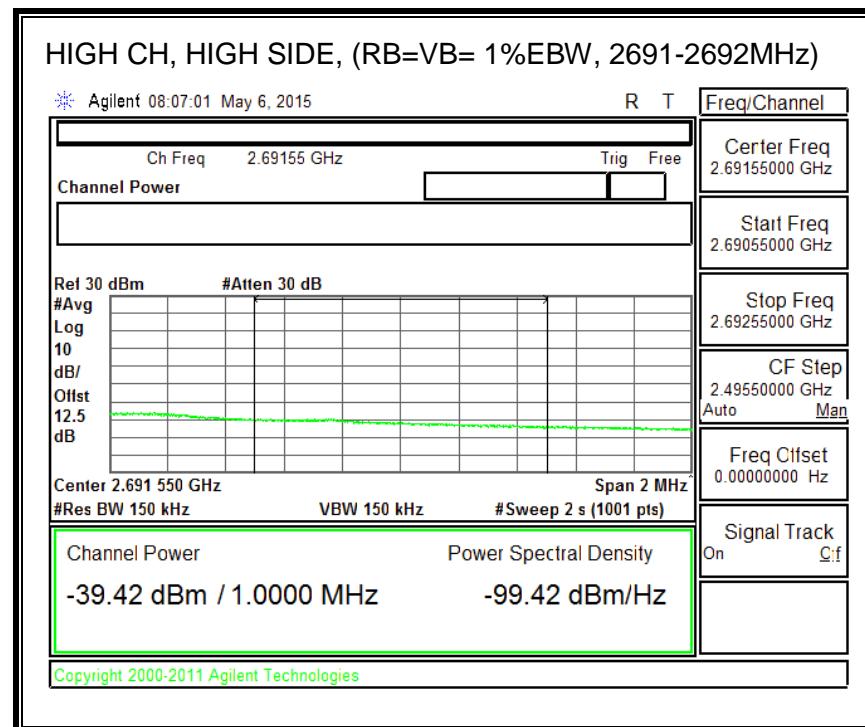
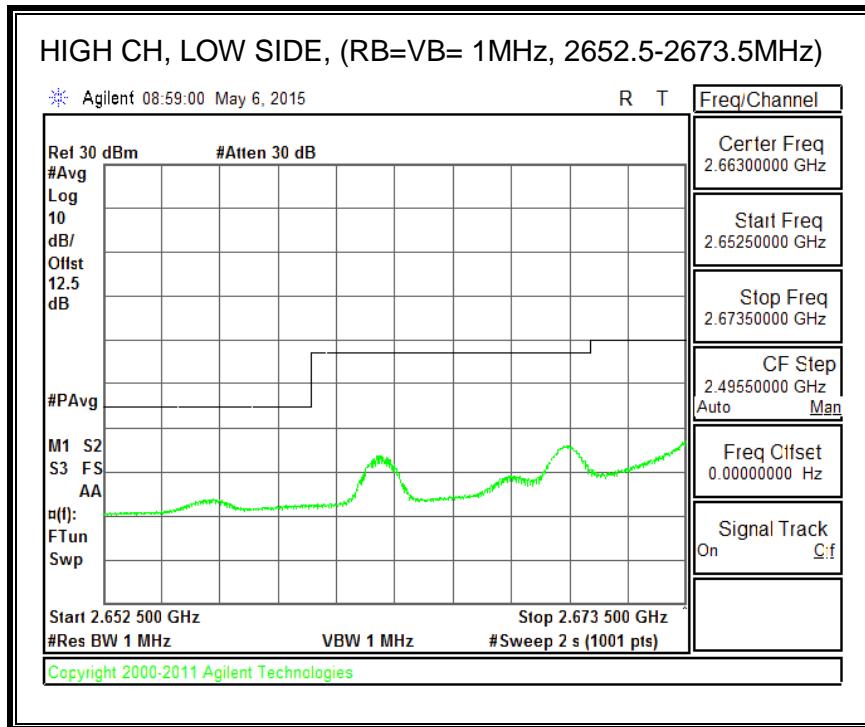


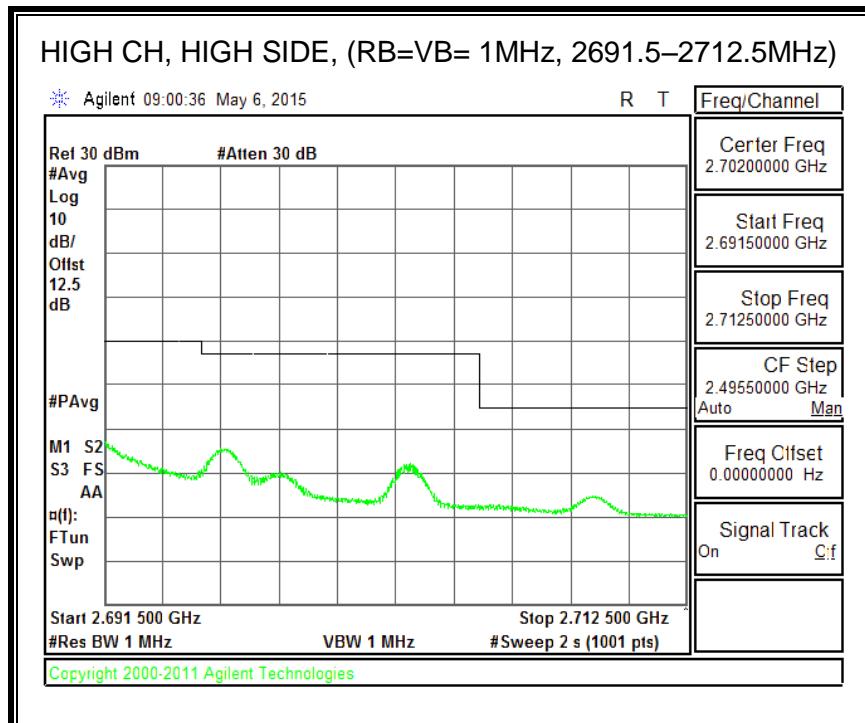


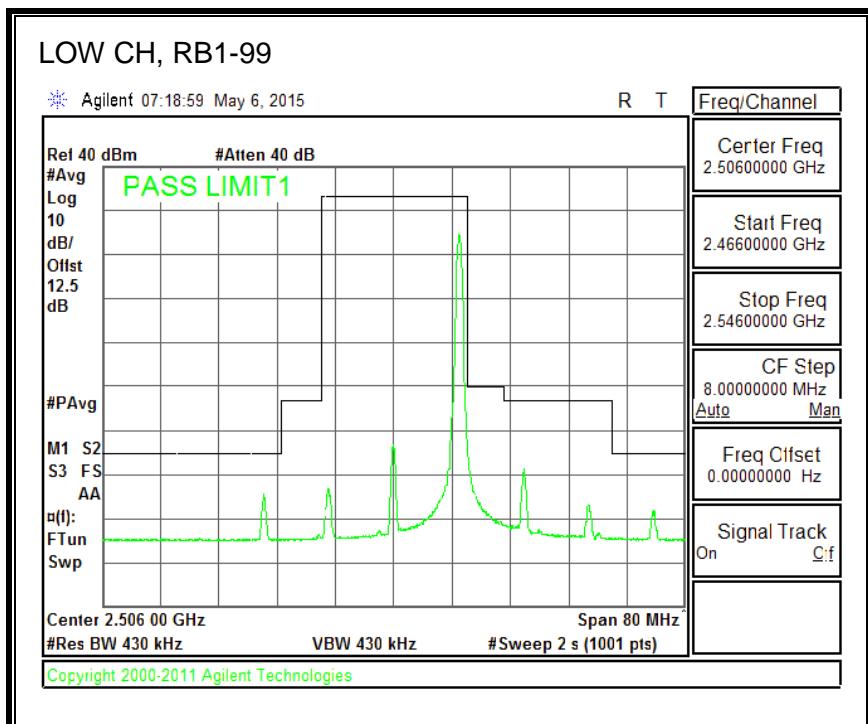
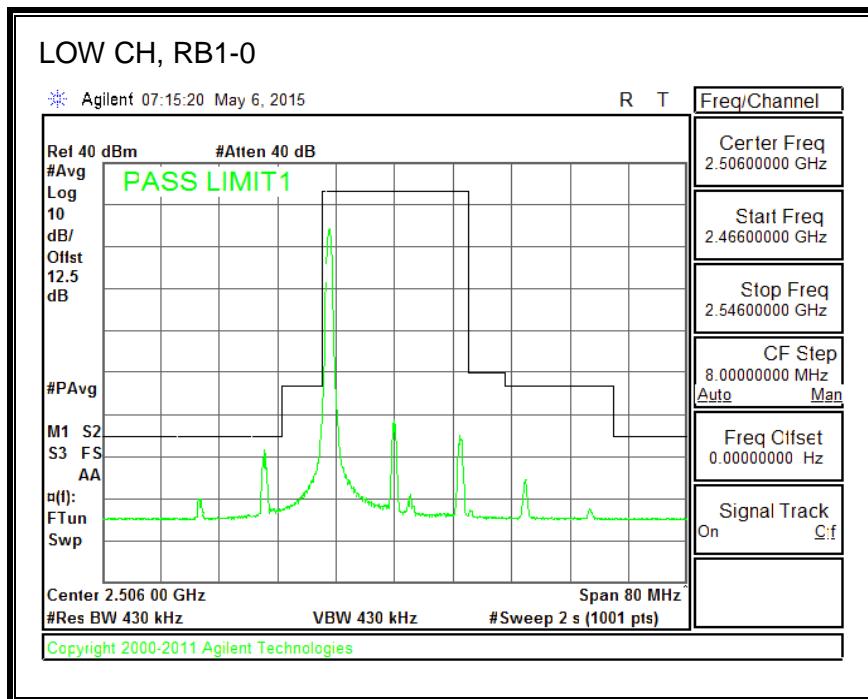


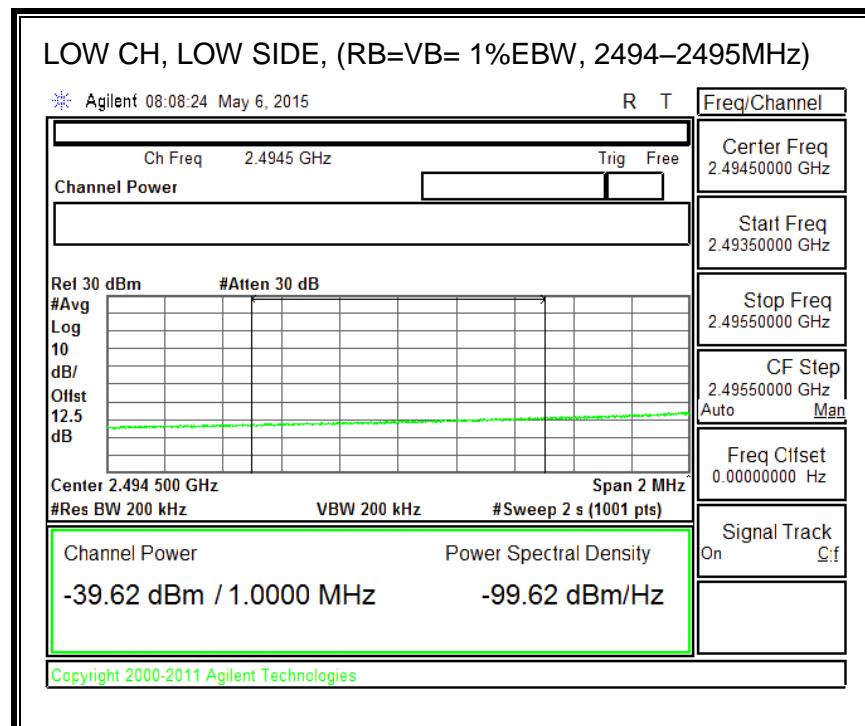
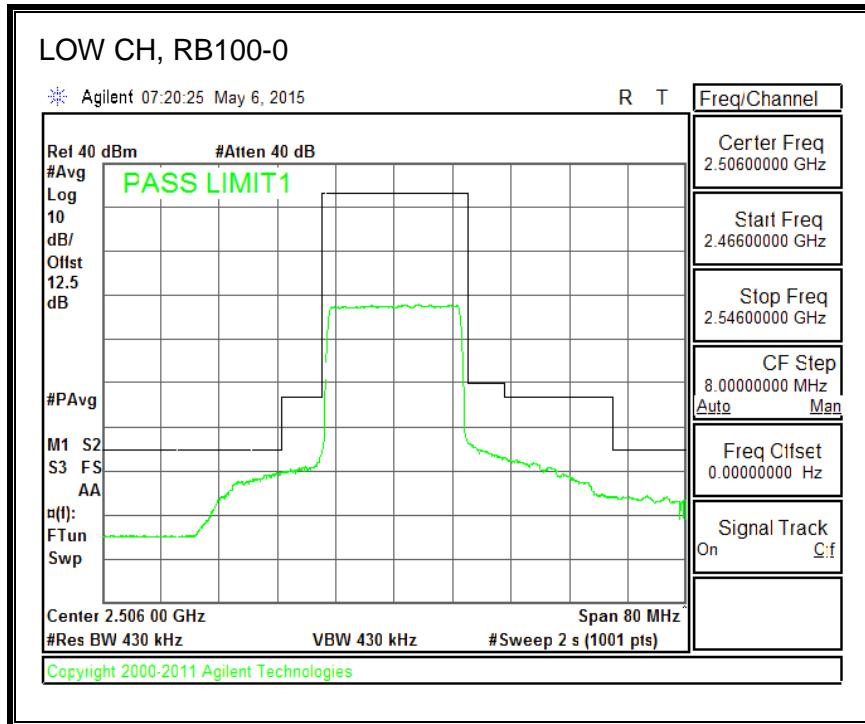


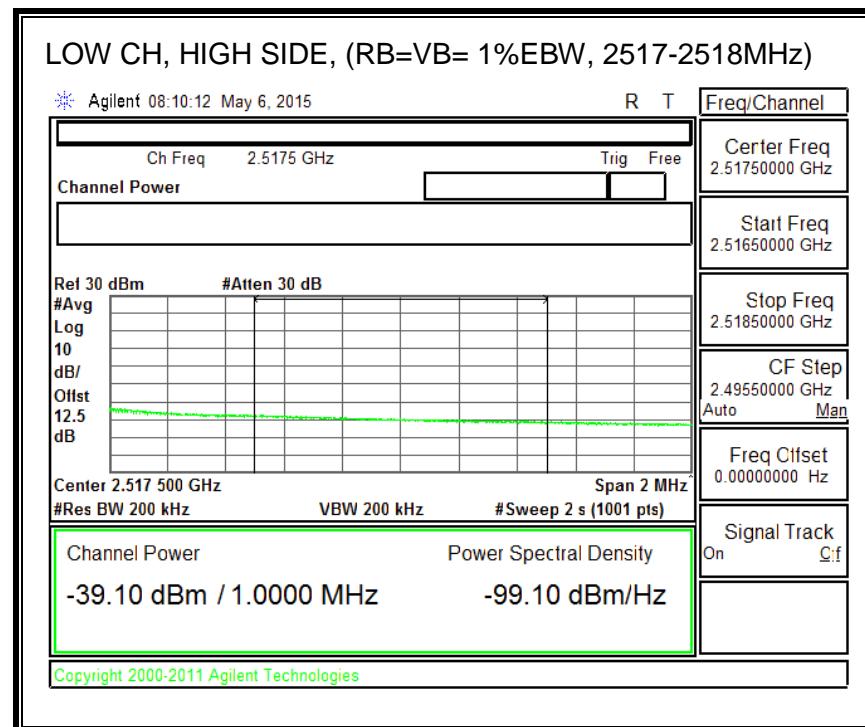
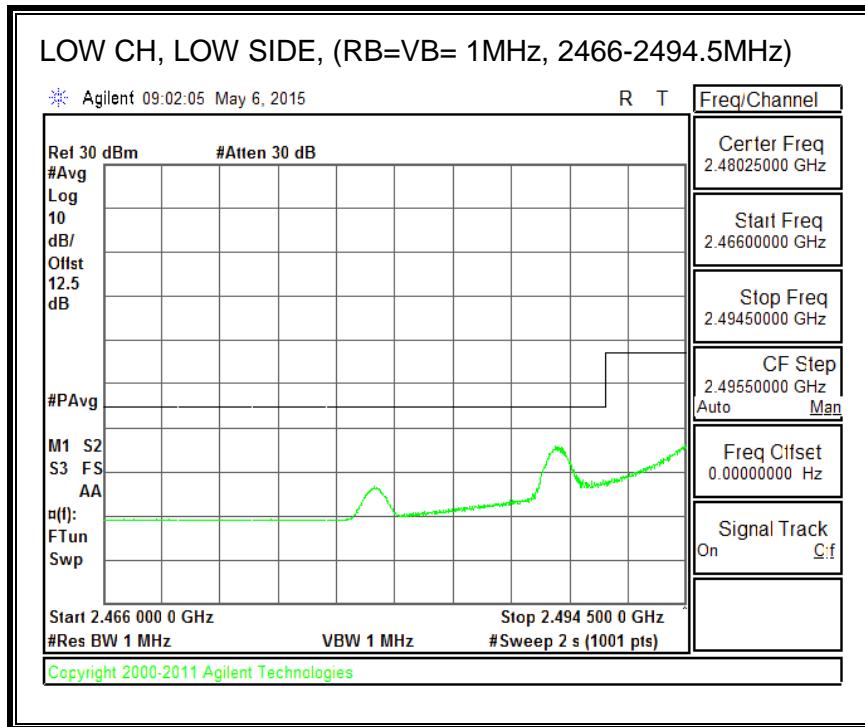


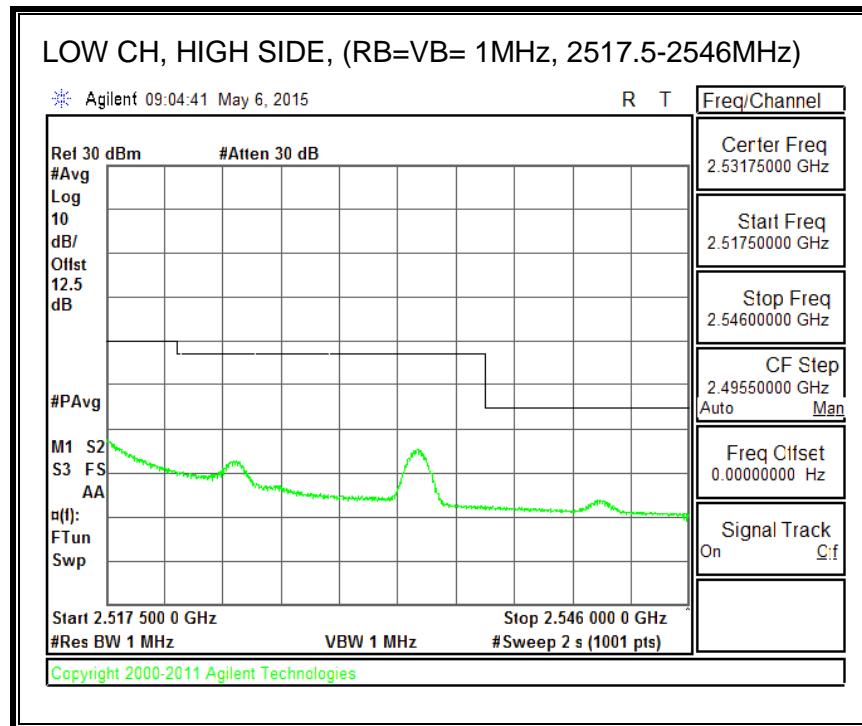


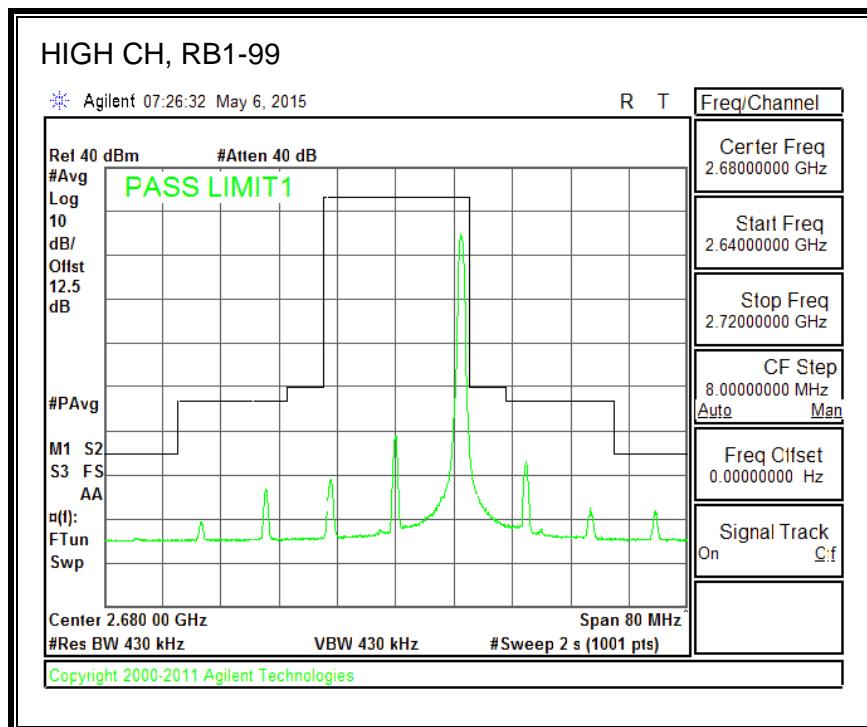
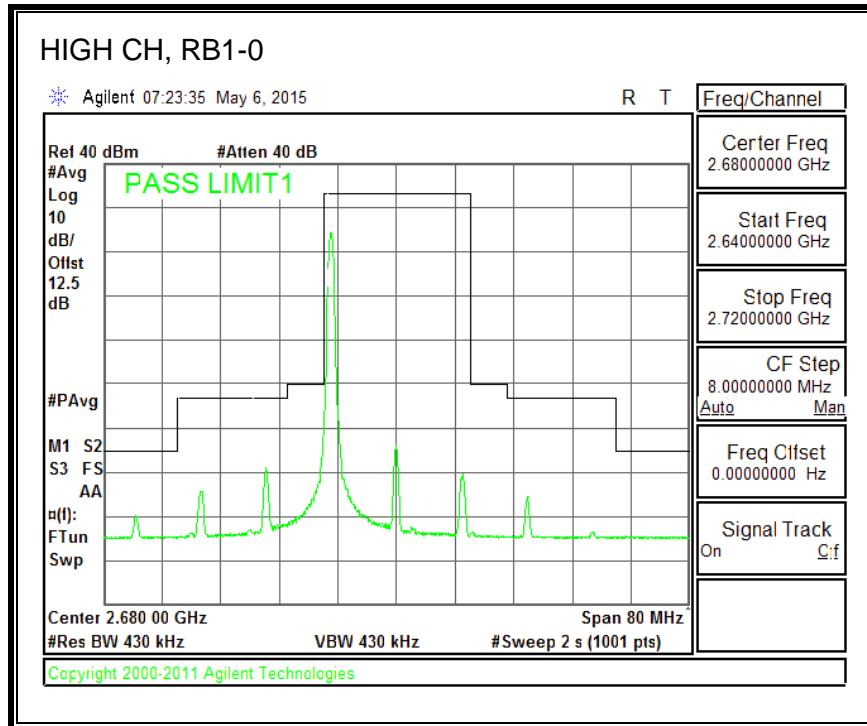


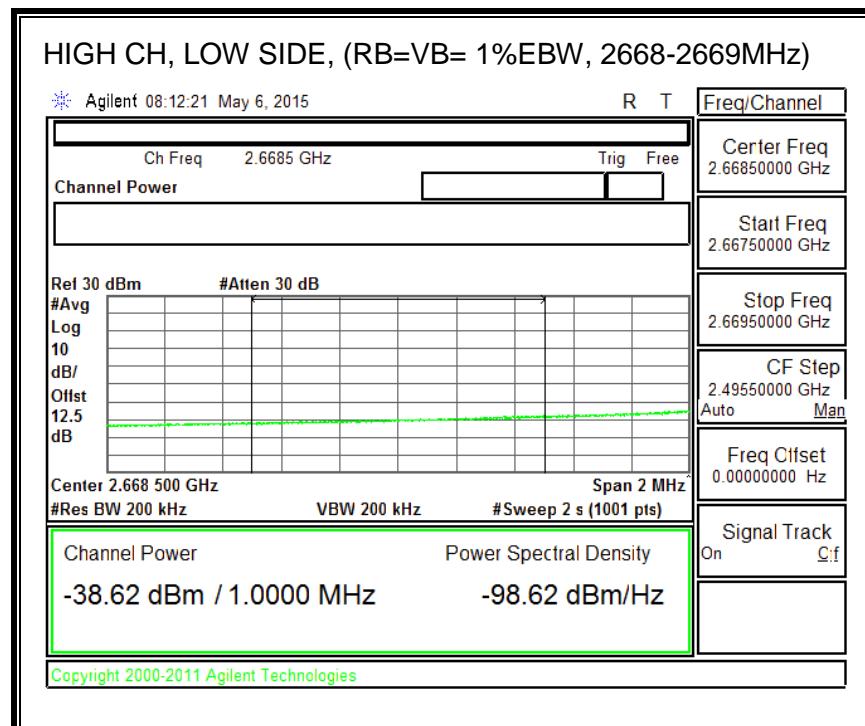
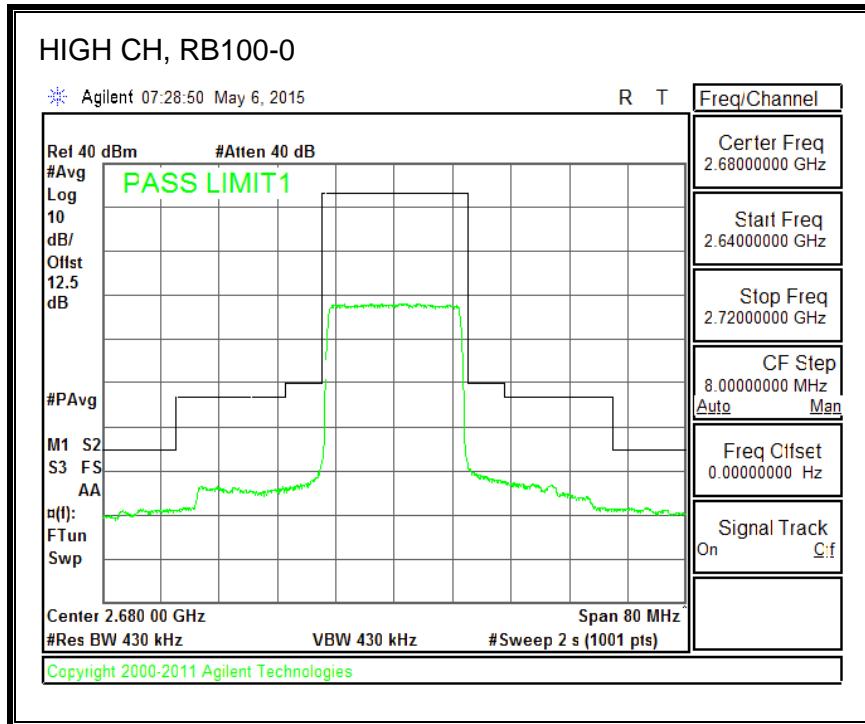
**QPSK, (20.0 MHz BAND WIDTH)**

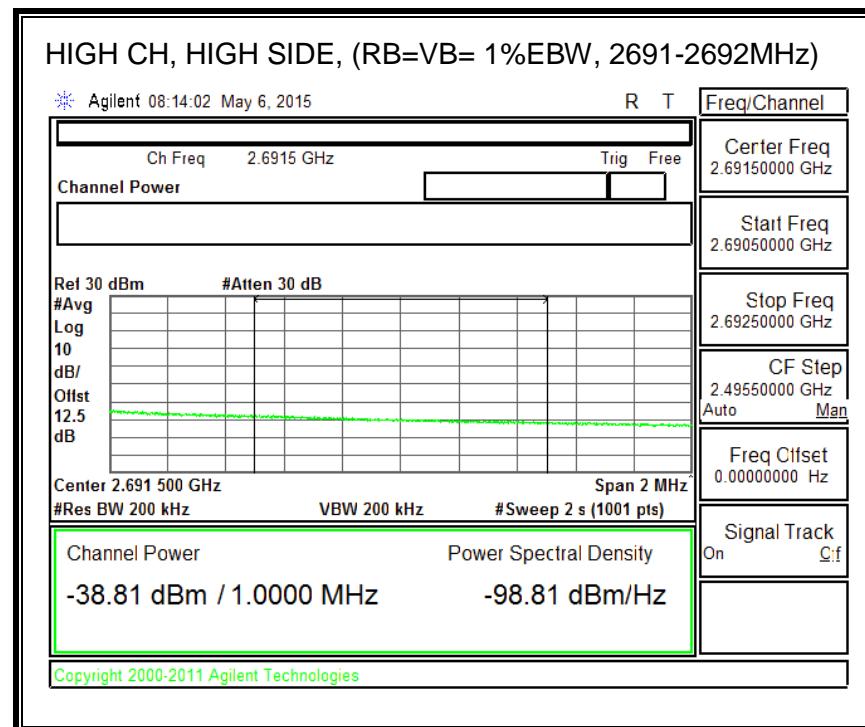
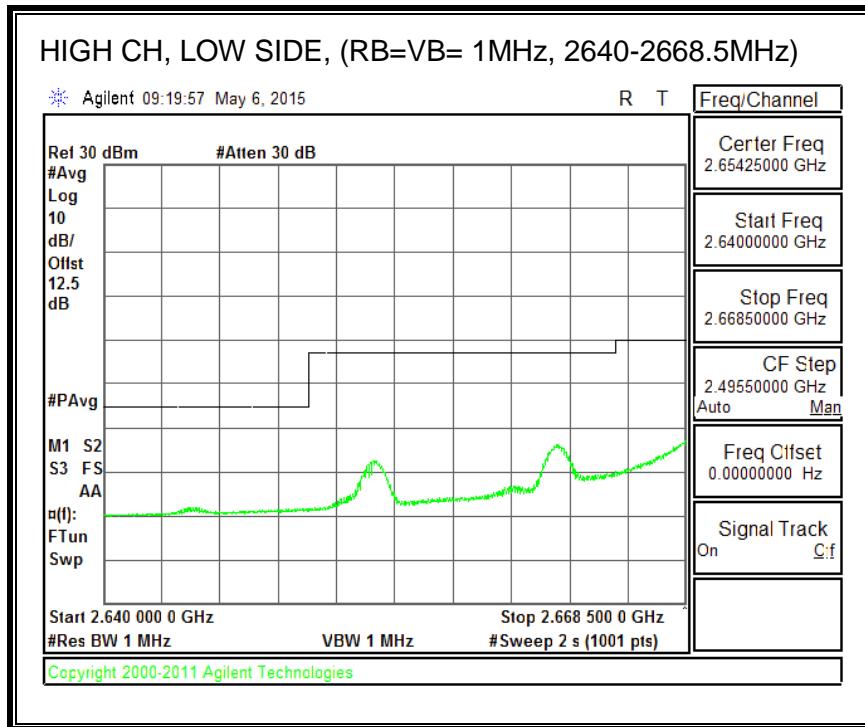


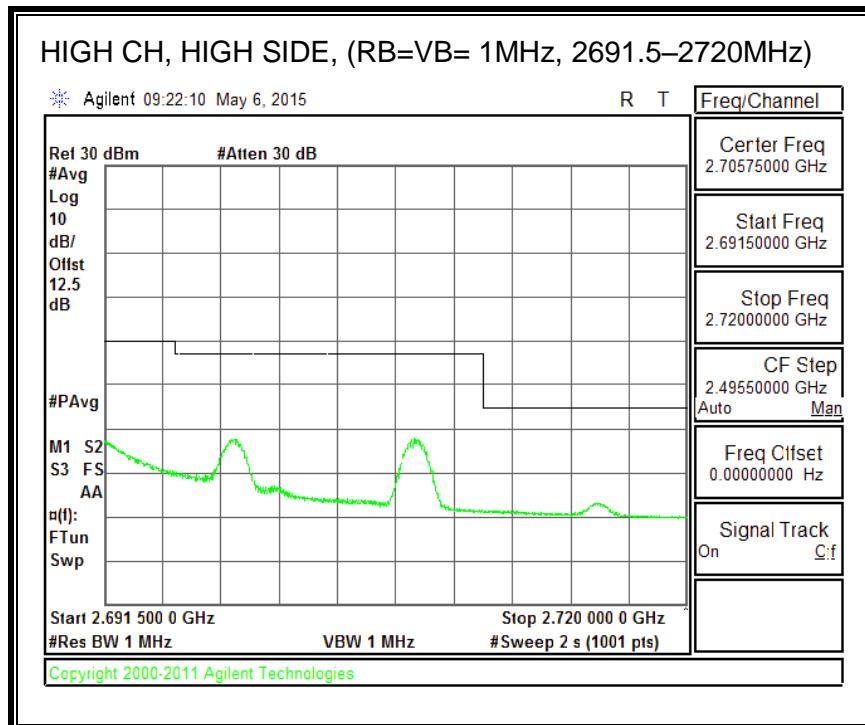


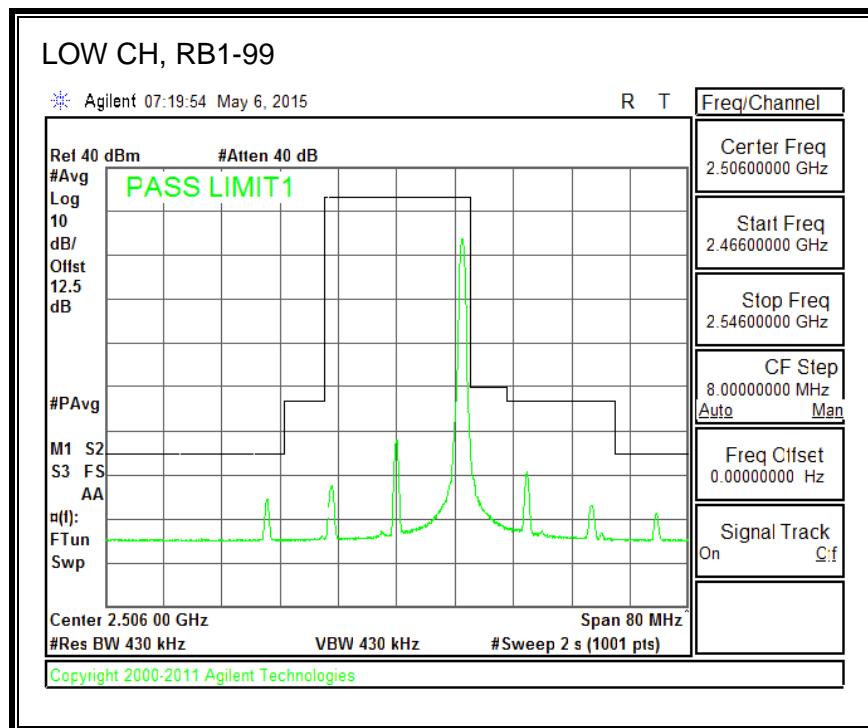
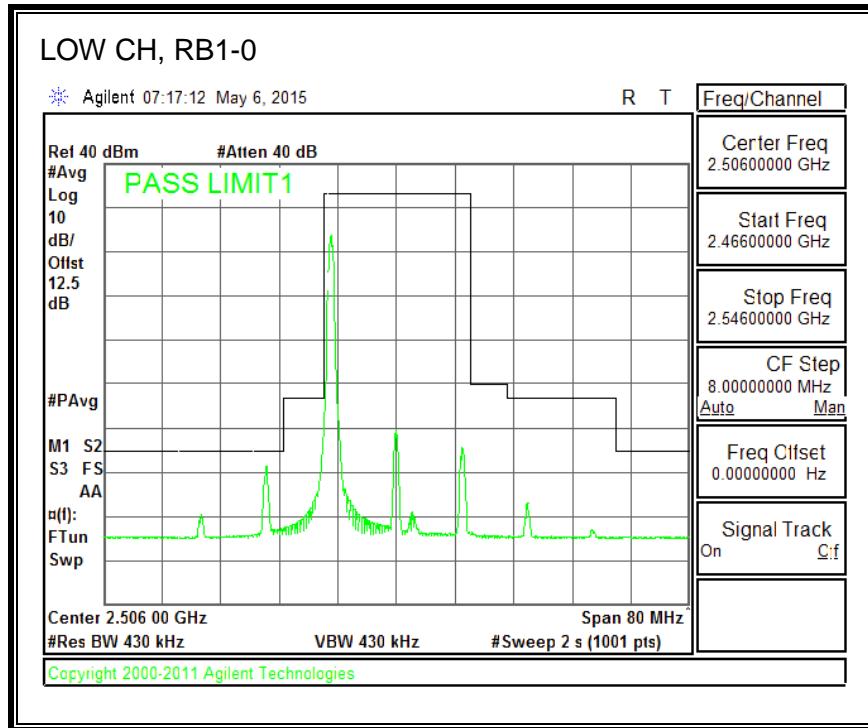


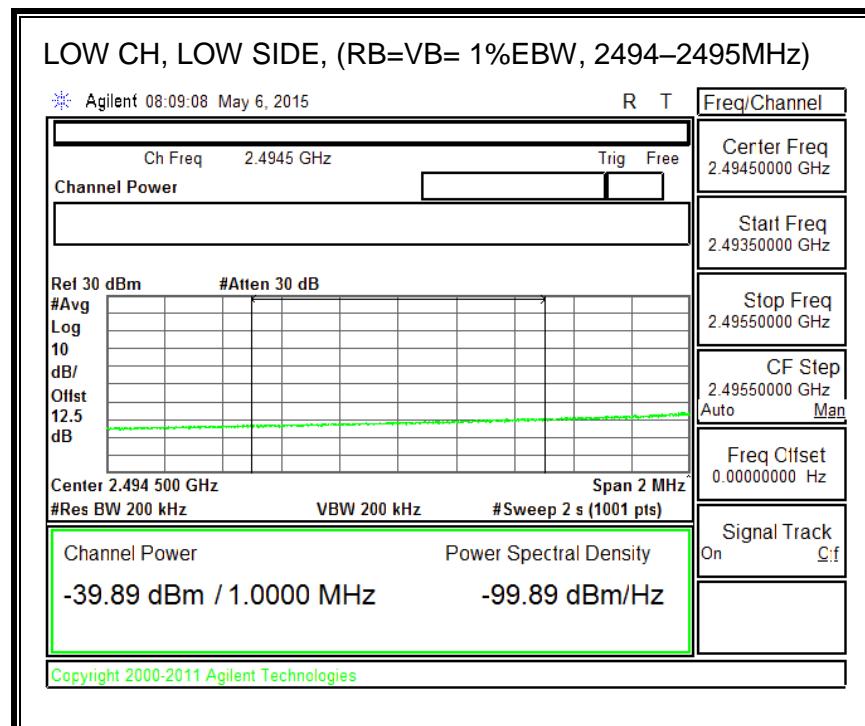
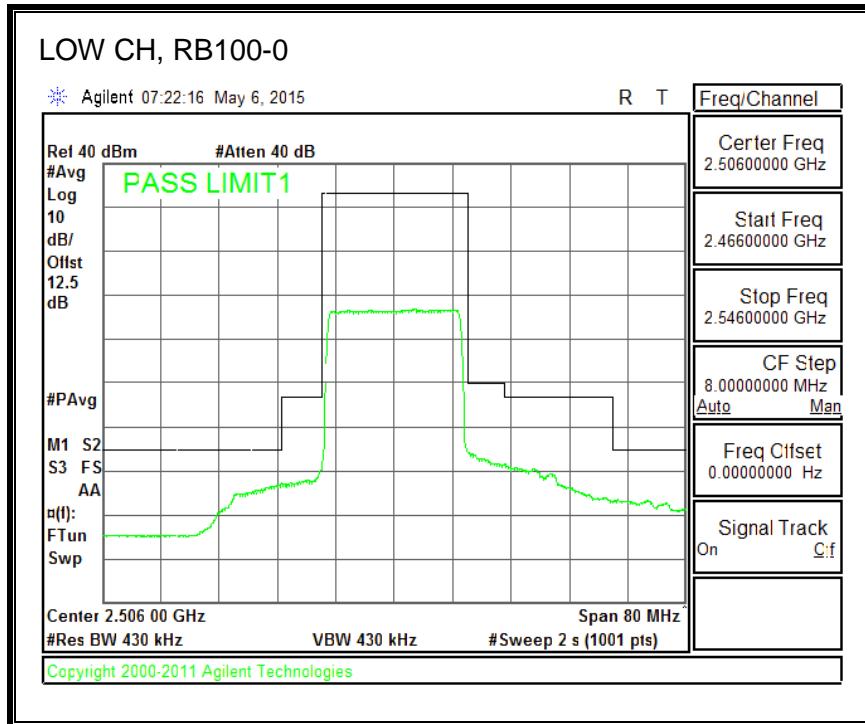


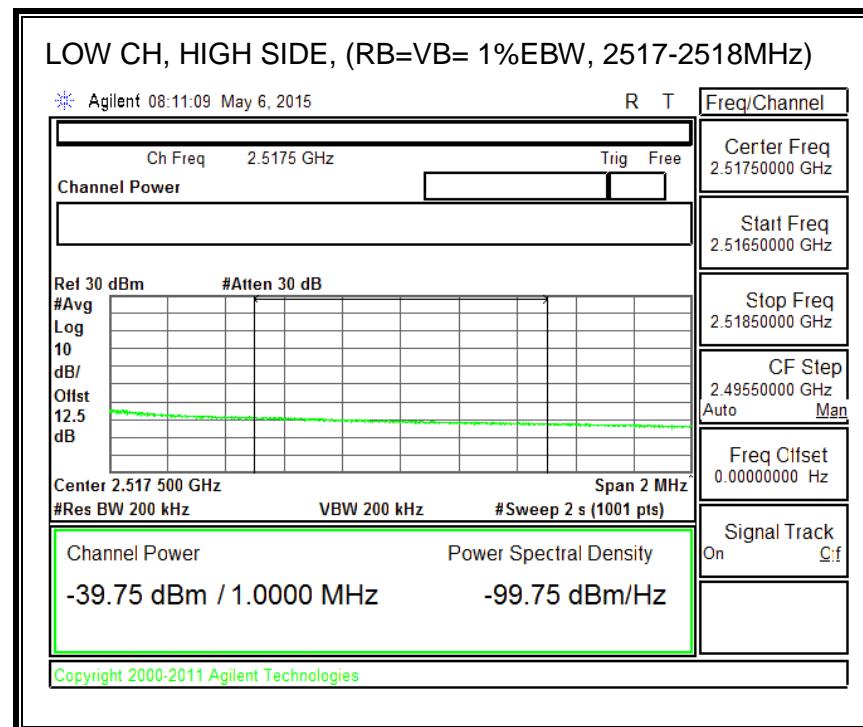
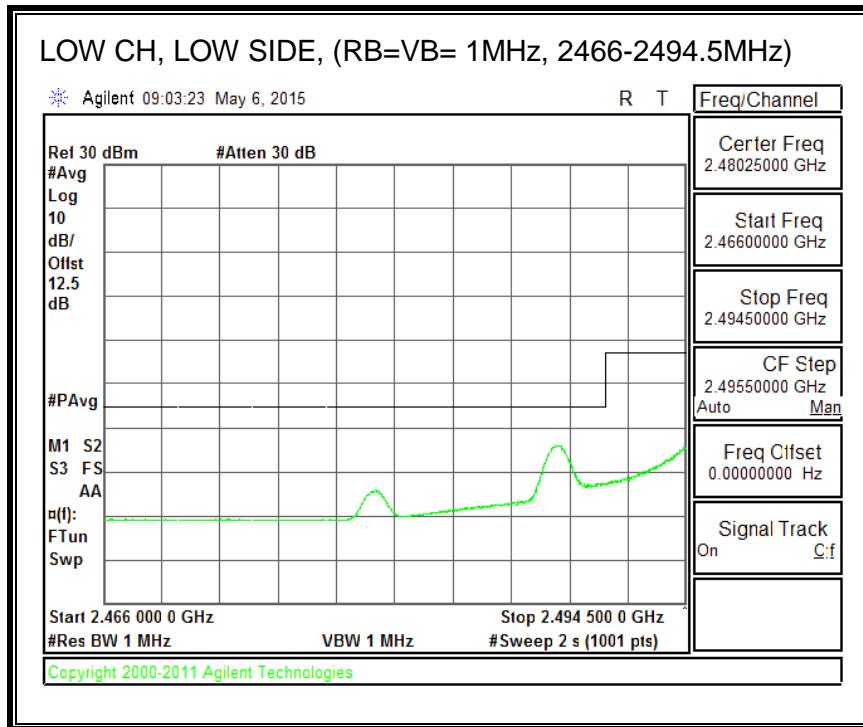


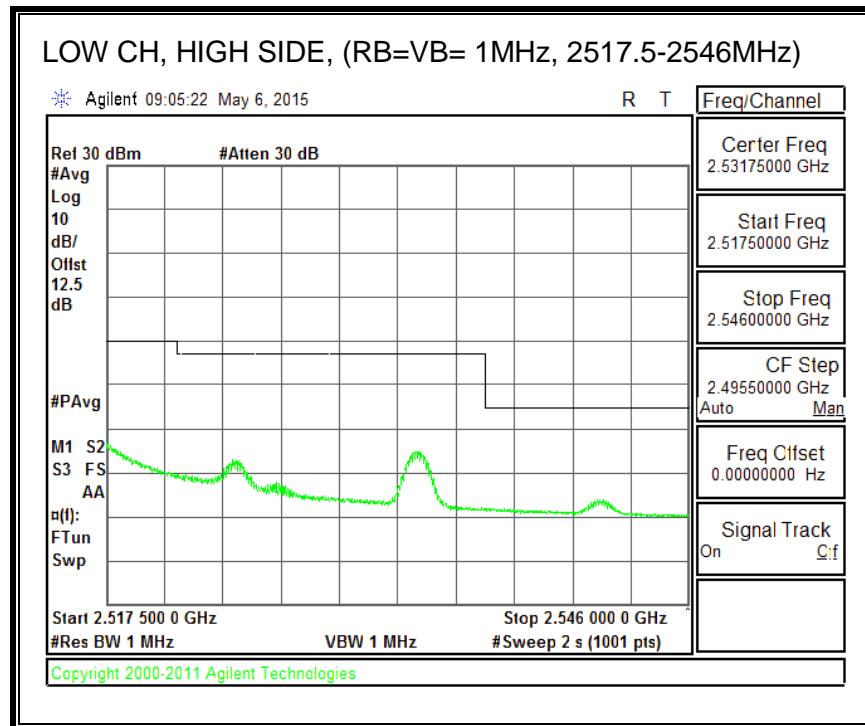


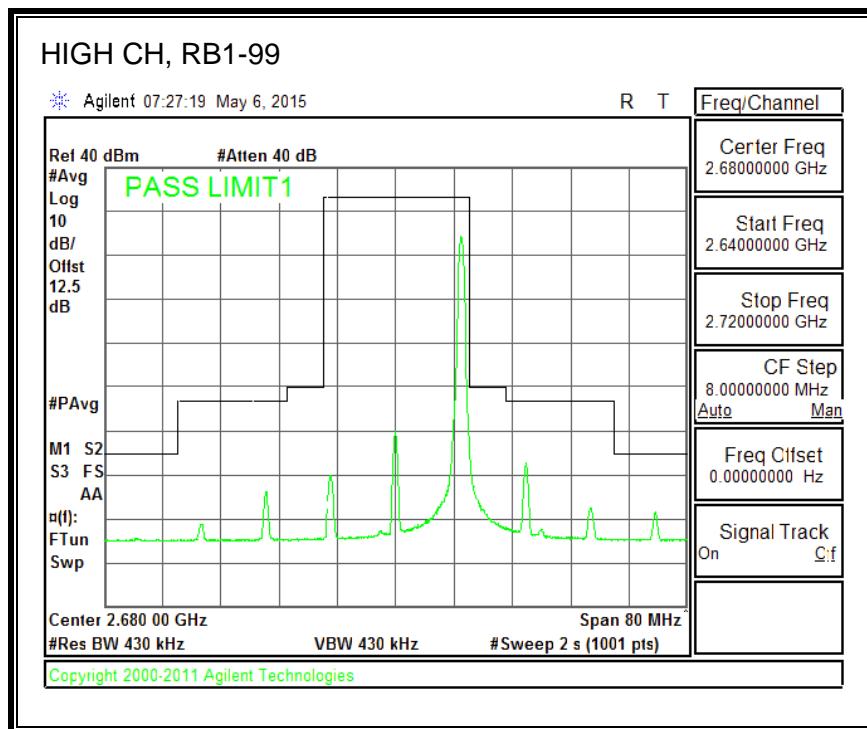
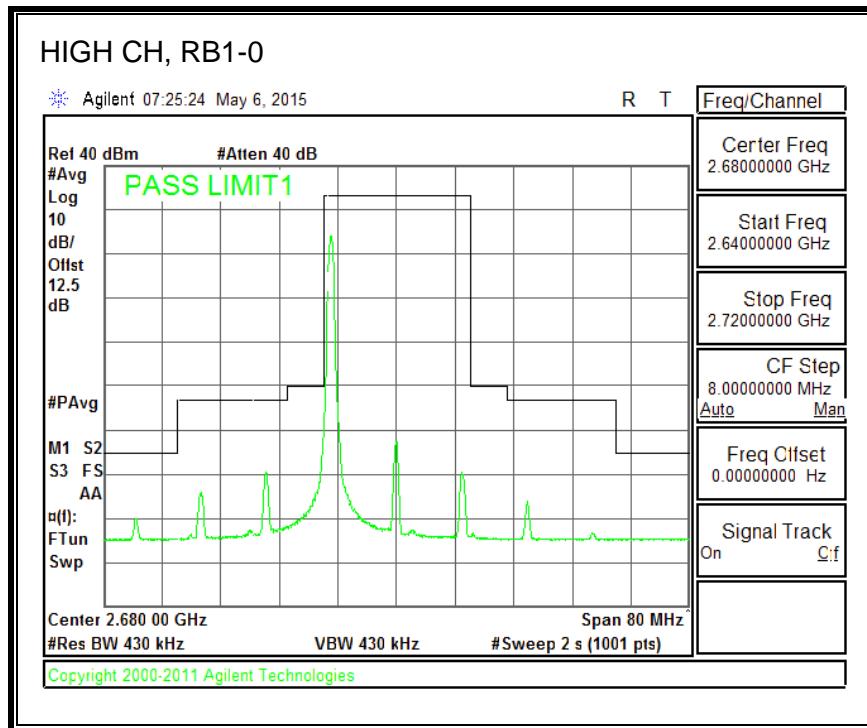


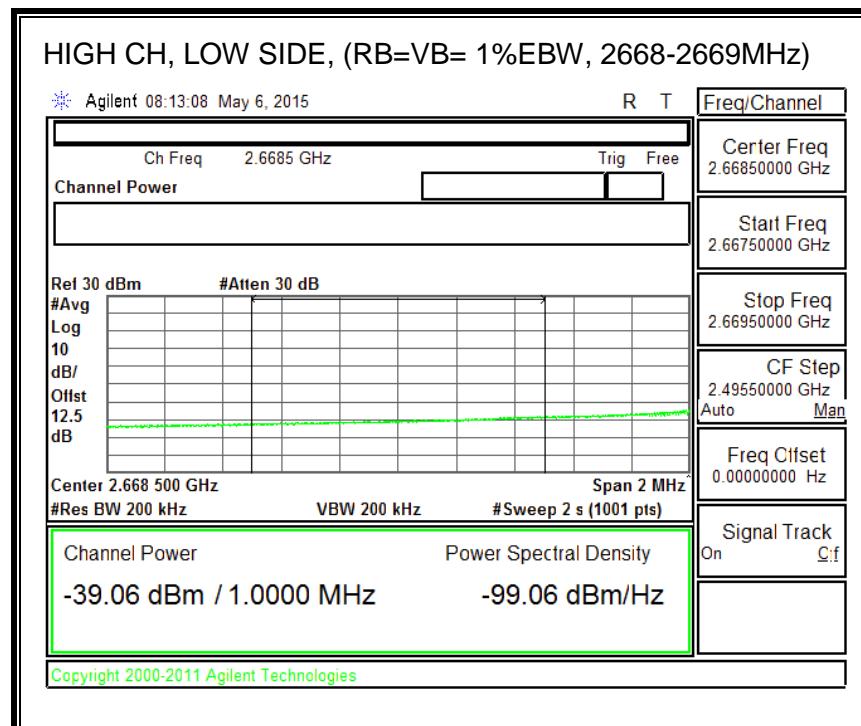
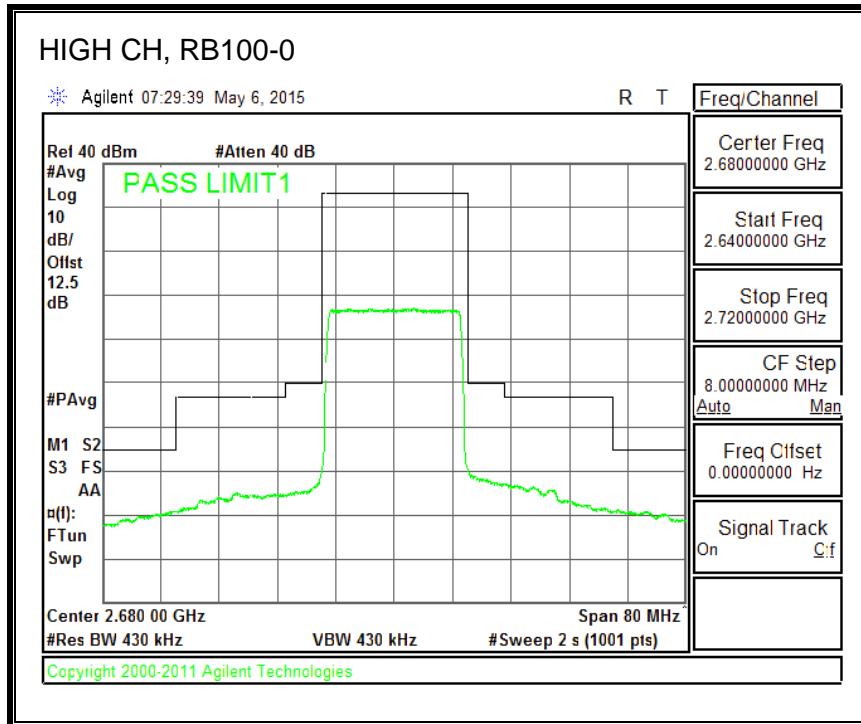
**16QAM, (20.0 MHz BAND WIDTH)**

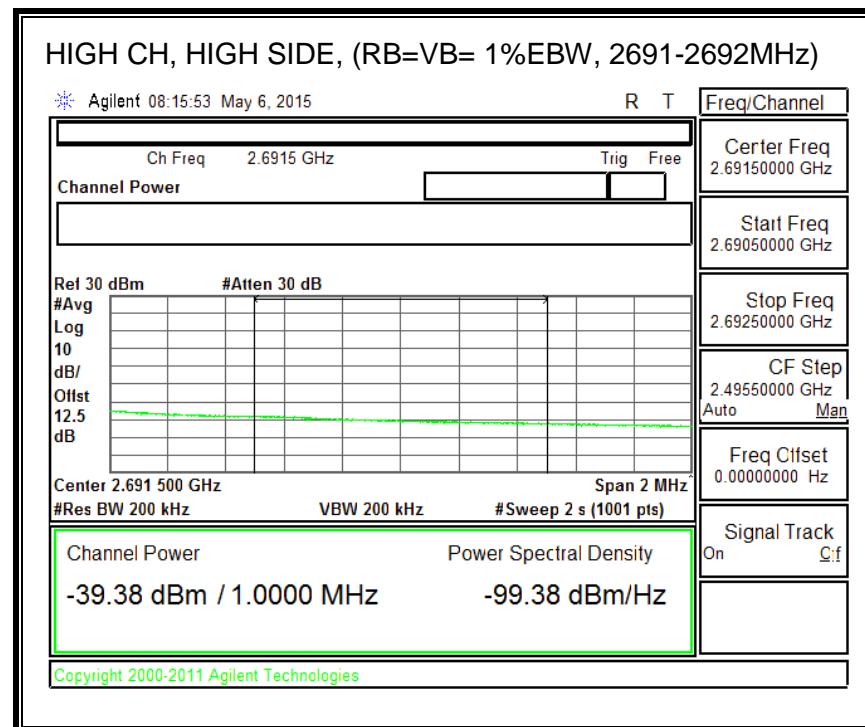
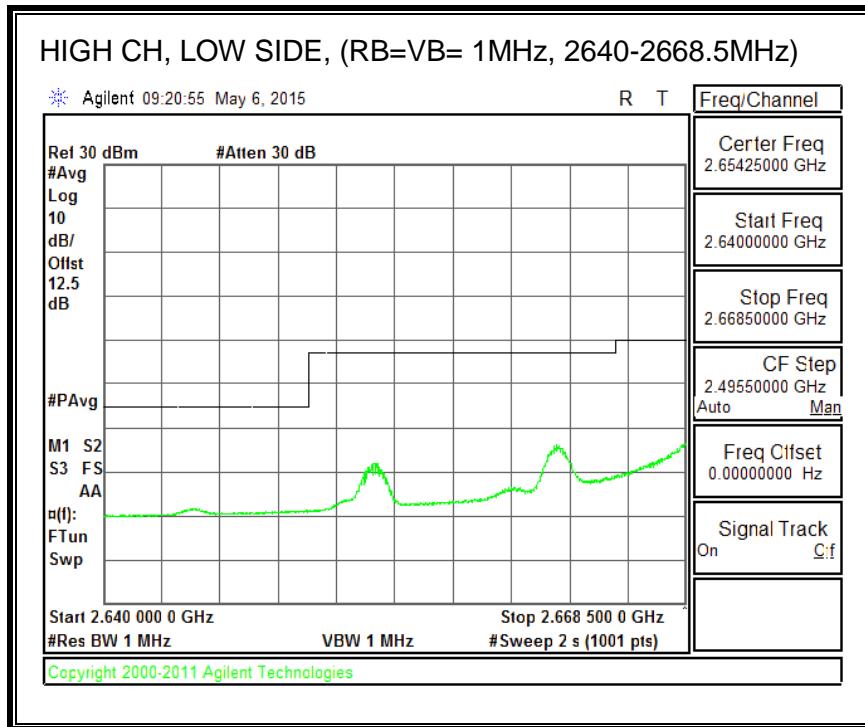


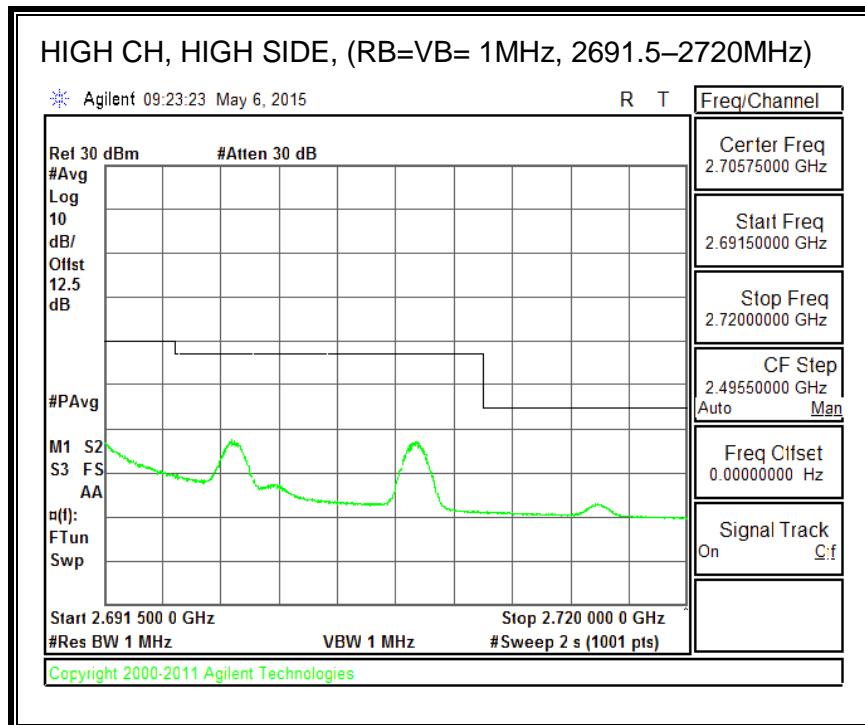












## 8.4. BANDEDGE AND EMISSION MASK (MODEL: A1687)

### RULE PART(S)

FCC: §2.1051, §22.901, §22.917, §24.238, §27.53, and §90.691

### LIMITS

FCC: §24.238, §27.53

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

FCC: §90.210, and §90.691 (LTE BAND 26)

(a)(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least  $116 \log_{10}(f/6.1)$  decibels or  $50 + 10 \log_{10}(P)$  decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(a)(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least  $43 + 10 \log_{10}(P)$  decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz. (NOTE: Use 100 kHz reference bandwidth.)

FCC: §27.53

(c) On any frequency outside the 776–788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least  $43 + 10 \log(P)$  dB;

- (1) On any frequency outside the 746-758 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least  $43 + 10 \log(P)$  dB;
- (2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least  $43 + 10 \log(P)$  dB;
- (4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than  $65 + 10 \log(P)$  dB in a 6.25 kHz band segment, for mobile and portable stations;
- (5) Compliance with the provisions of paragraphs (c)(1) and (c)(2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed;
- (6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

## FCC: §27.53 (LTE BAND 41)

(m)(6) Measurement procedure. Compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed; for mobile digital stations, in the 1 megahertz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least two percent may be employed, except when the 1 megahertz band is 2495-2496 MHz, in which case a resolution bandwidth of at least one percent may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 megahertz or 1 percent of emission bandwidth, as specified; or 1 megahertz or 2 percent for mobile digital stations, except in the band 2495-2496 MHz). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power. With respect to television operations, measurements must be made of the separate visual and aural operating powers at sufficiently frequent intervals to ensure compliance with the rules.

(m)(4) For mobile digital stations, the attenuation factor shall be not less than  $40 + 10 \log (P)$  dB on all frequencies between the channel edge and 5 megahertz from the channel edge,  $43 + 10 \log (P)$  dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and  $55 + 10 \log (P)$  dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than  $43 + 10 \log (P)$  dB on all frequencies between 2490.5 MHz and 2496 MHz and  $55 + 10 \log (P)$  dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees. Show citation box.

FCC: §90.210, and §90.691

(a)(1)For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least  $116 \log_{10}(f/6.1)$  decibels or  $50 + 10 \log_{10}(P)$  decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(a)(2)For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least  $43 + 10 \log_{10}(P)$  decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz. {NOTE: Use 100 kHz reference bandwidth.}

### **TEST PROCEDURE**

The transmitter output was connected to a CMW500Test Set and configured to operate at maximum power. The band edge emissions were measured at the required operating frequencies in each band on the Spectrum Analyzer.

For each band edge measurement:

Set the spectrum analyzer span to include the block edge frequency (704, 716, 824, 849, 1710 and 1755, 1850 and 1910MHz)

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

Set display line at -13 dBm

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

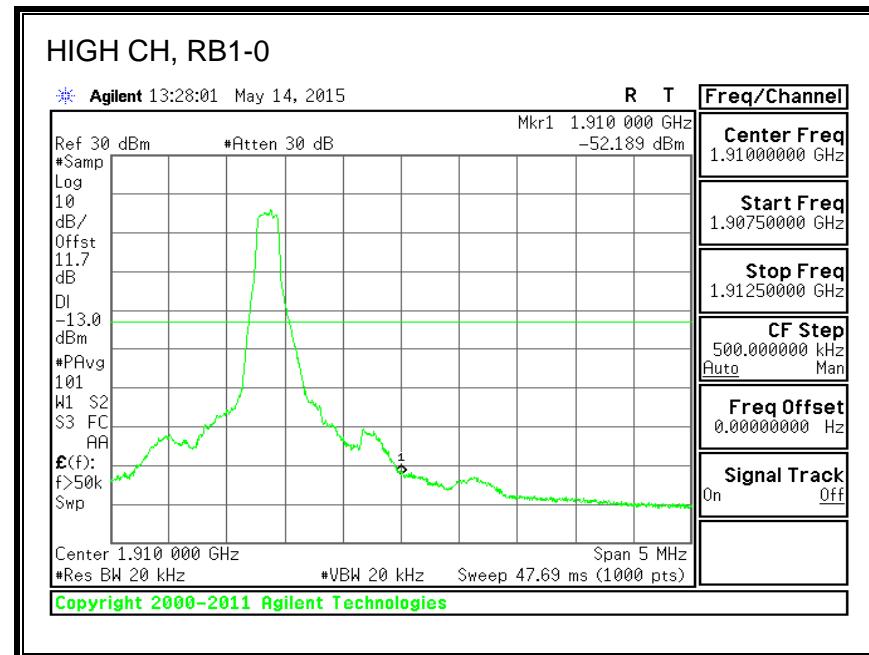
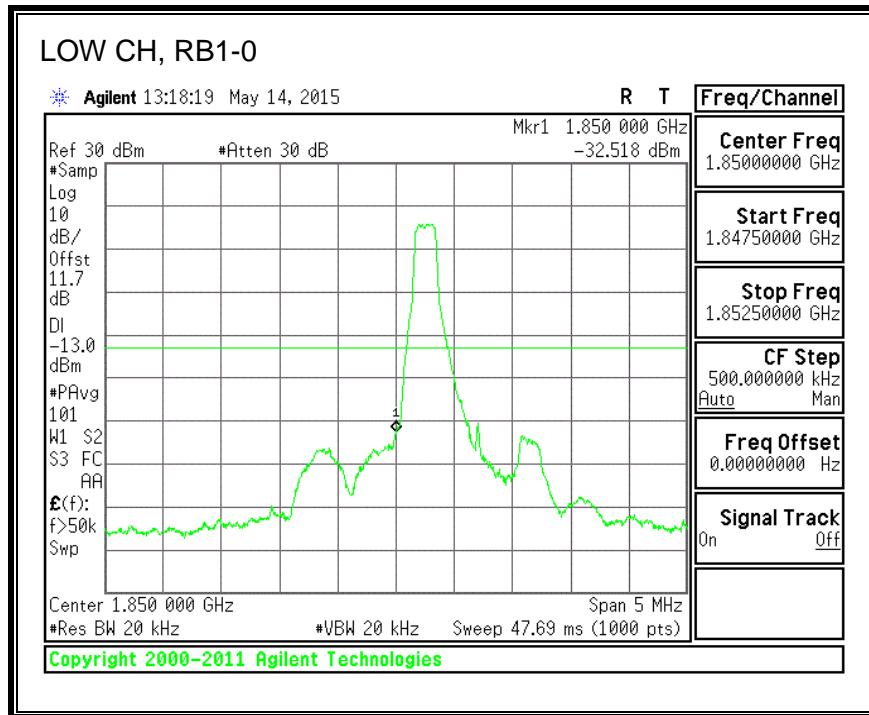
### **MODES TESTED**

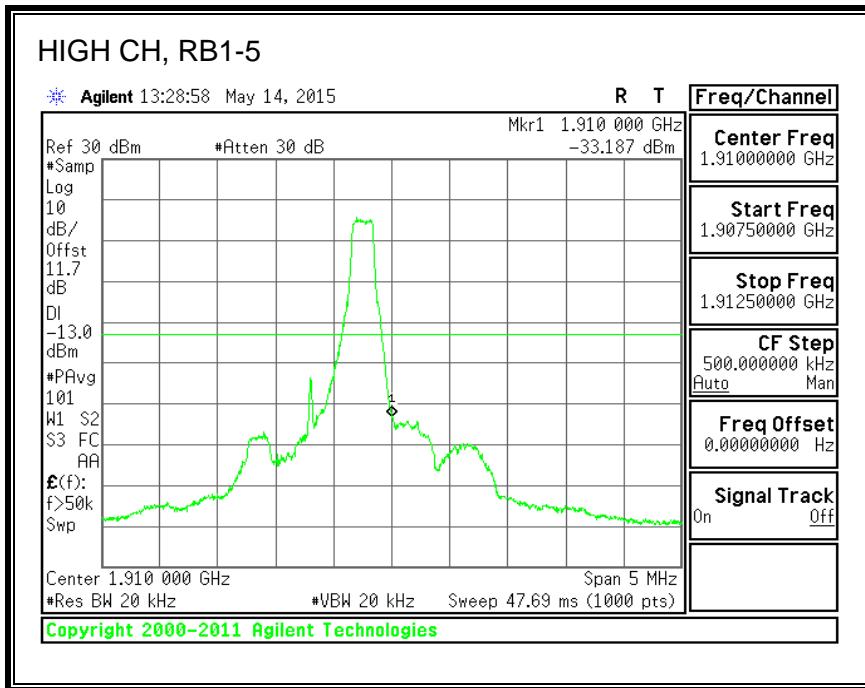
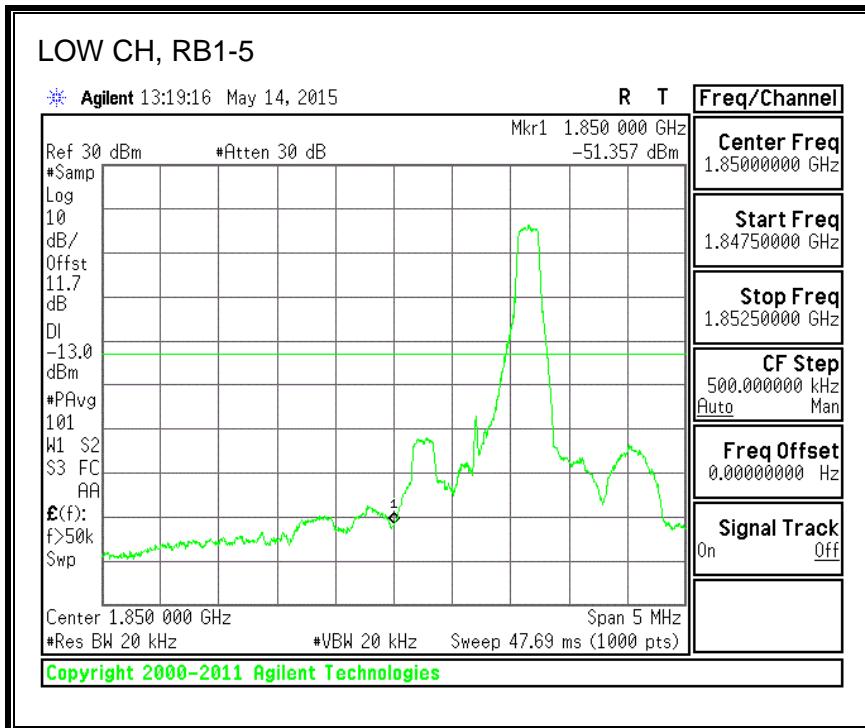
- LTE Band 2
- LTE Band 4
- LTE Band 5
- LTE Band 7
- LTE Band 12
- LTE Band 13
- LTE Band 17
- LTE Band 25
- LTE Band 26
- LTE Band 41

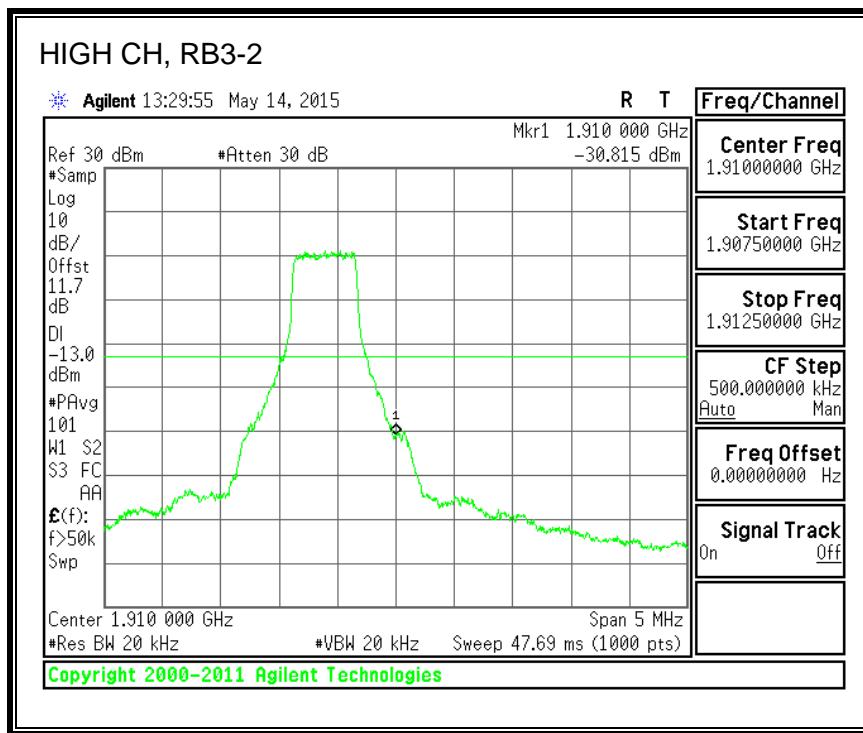
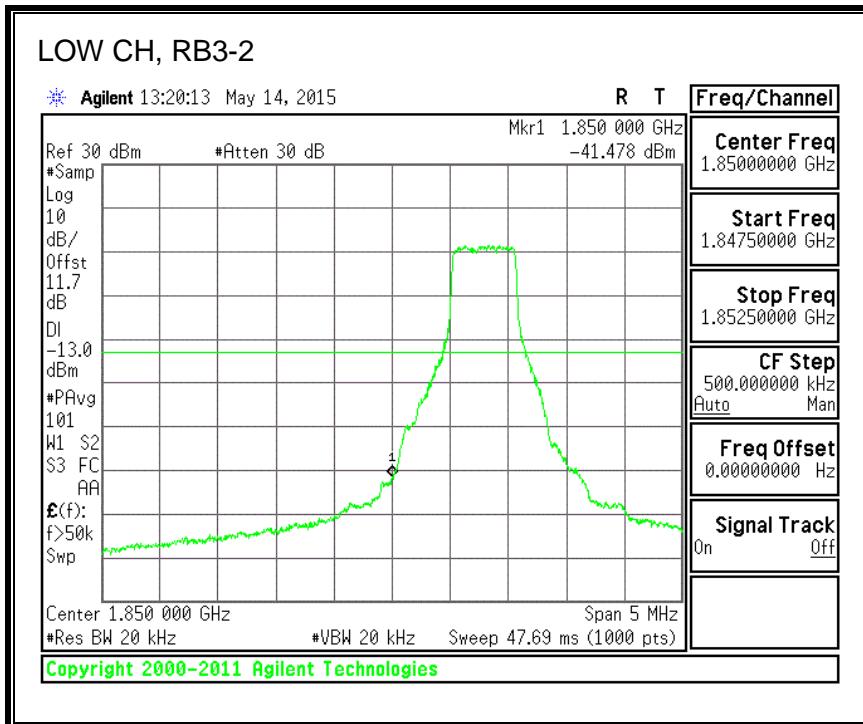
### **RESULTS**

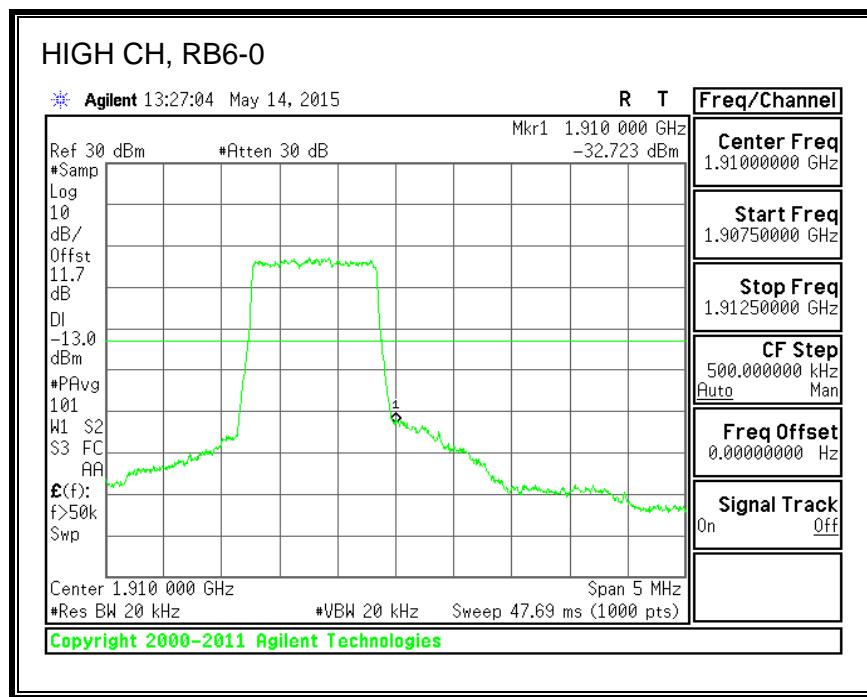
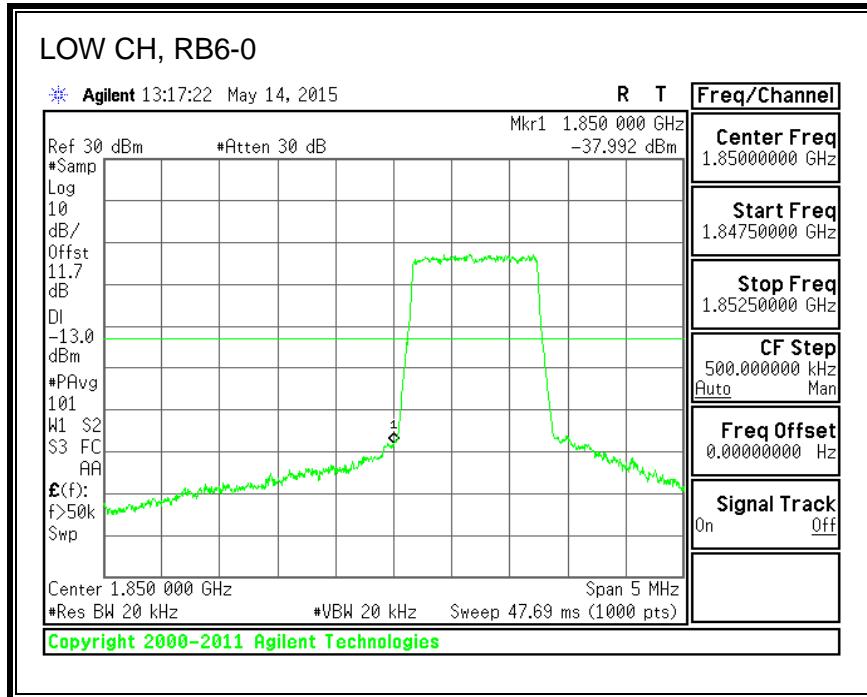
### 8.4.1. LTE BAND 2 BANDEDGE

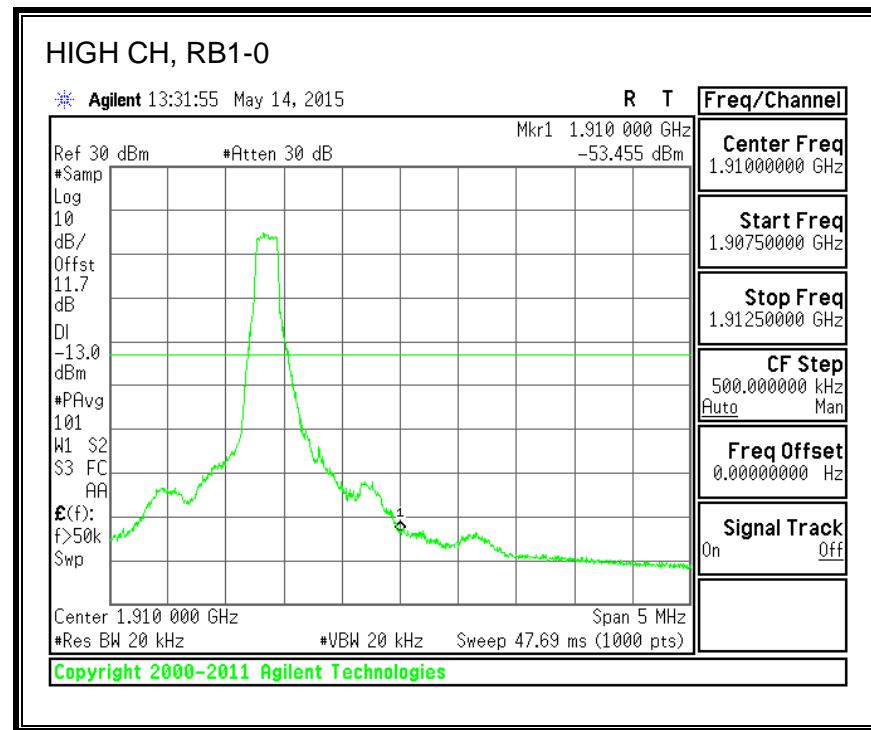
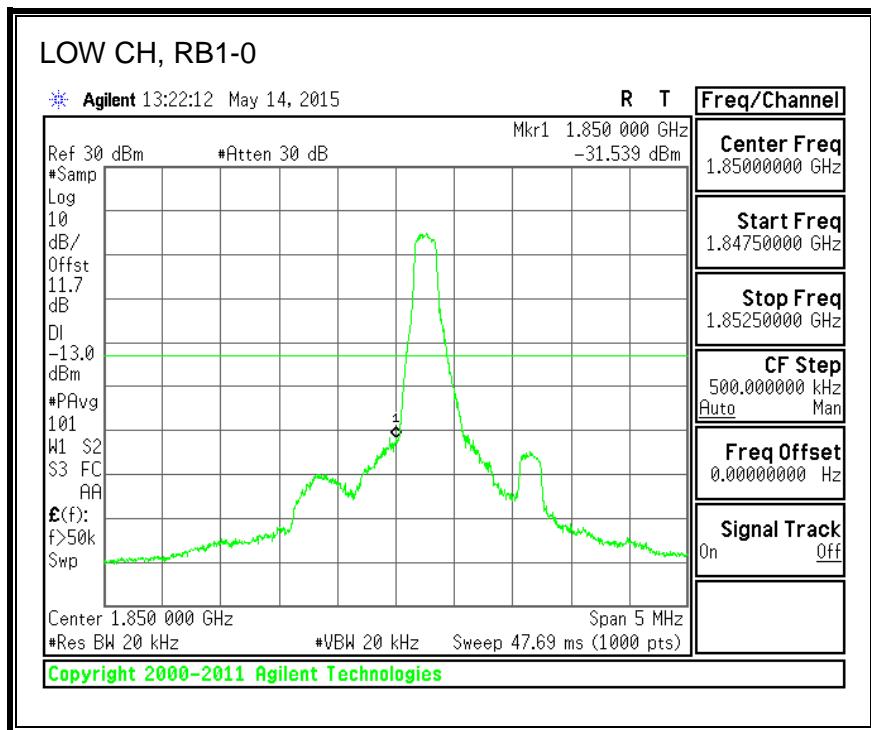
#### QPSK, (1.4 MHz BAND WIDTH)

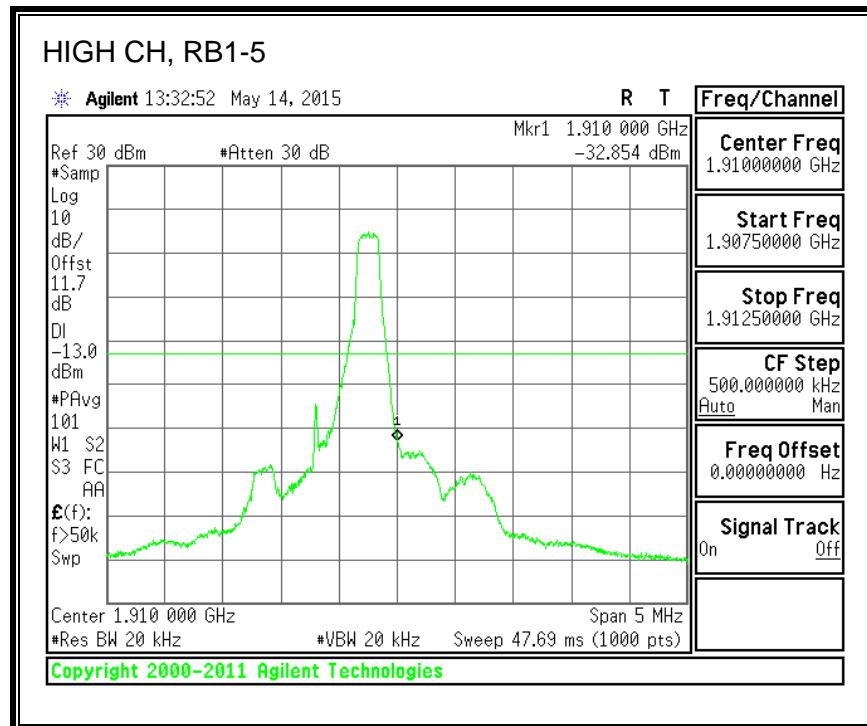
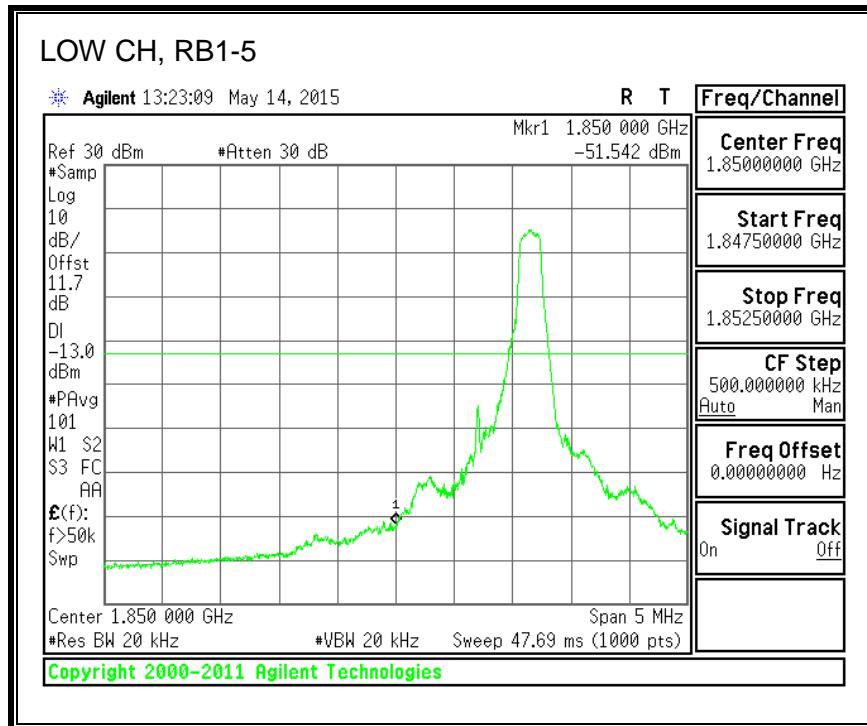


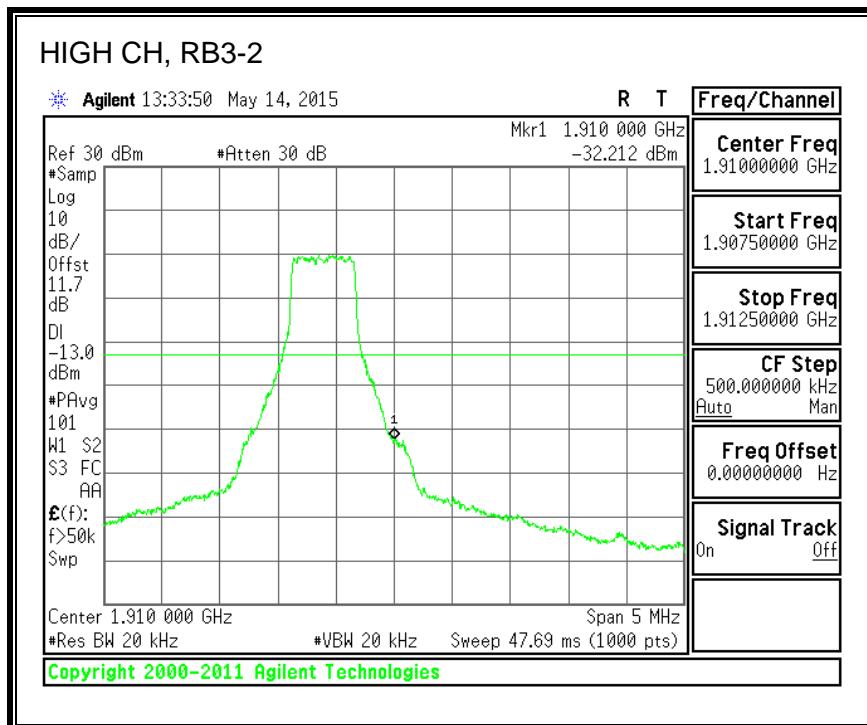
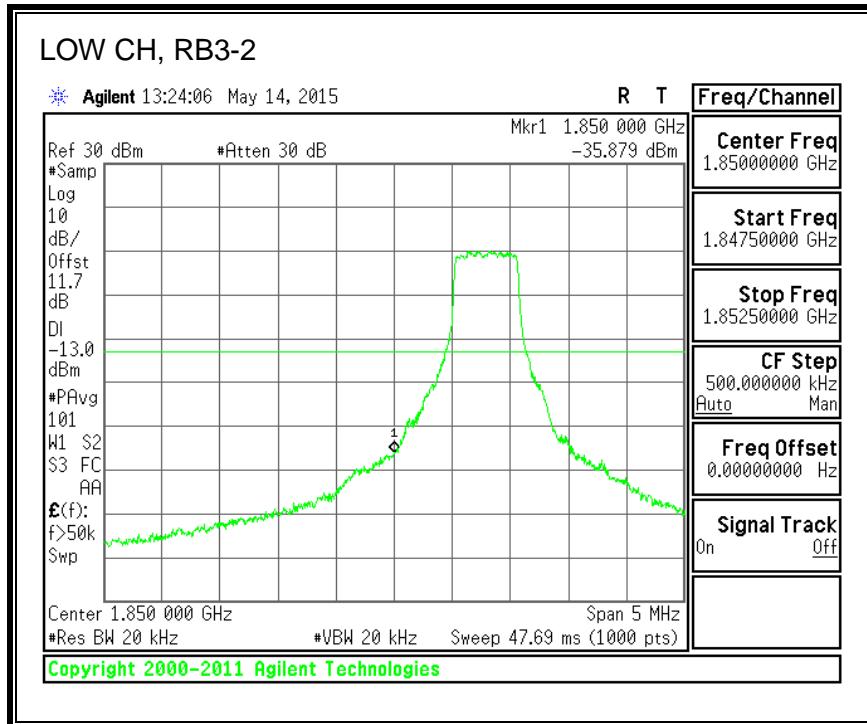


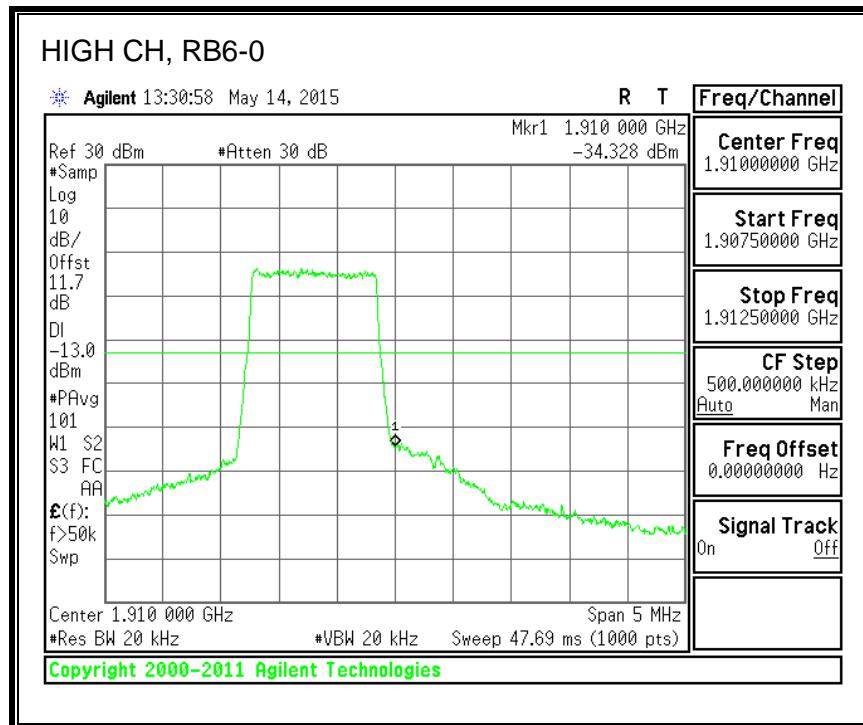
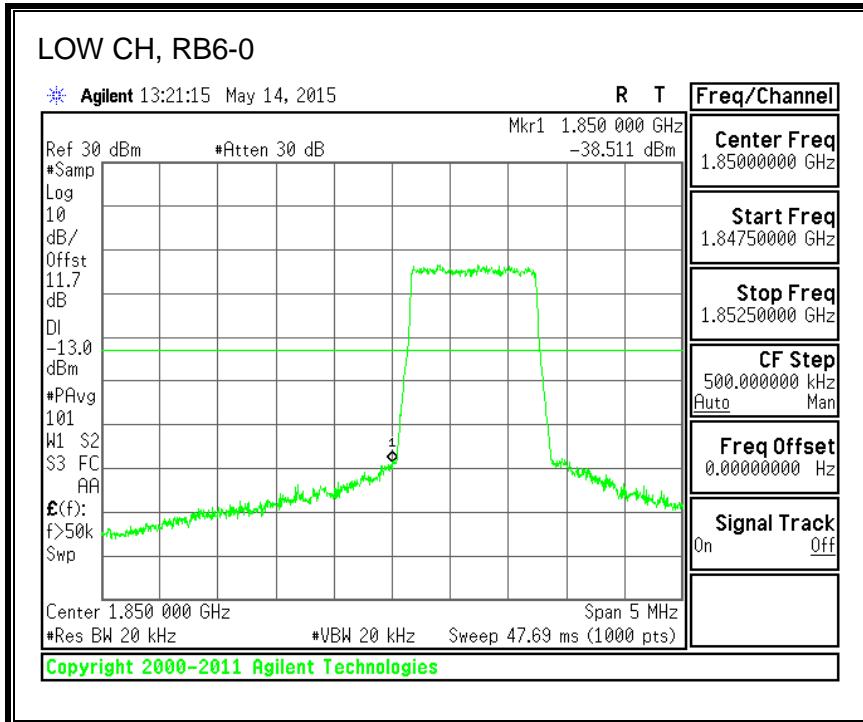


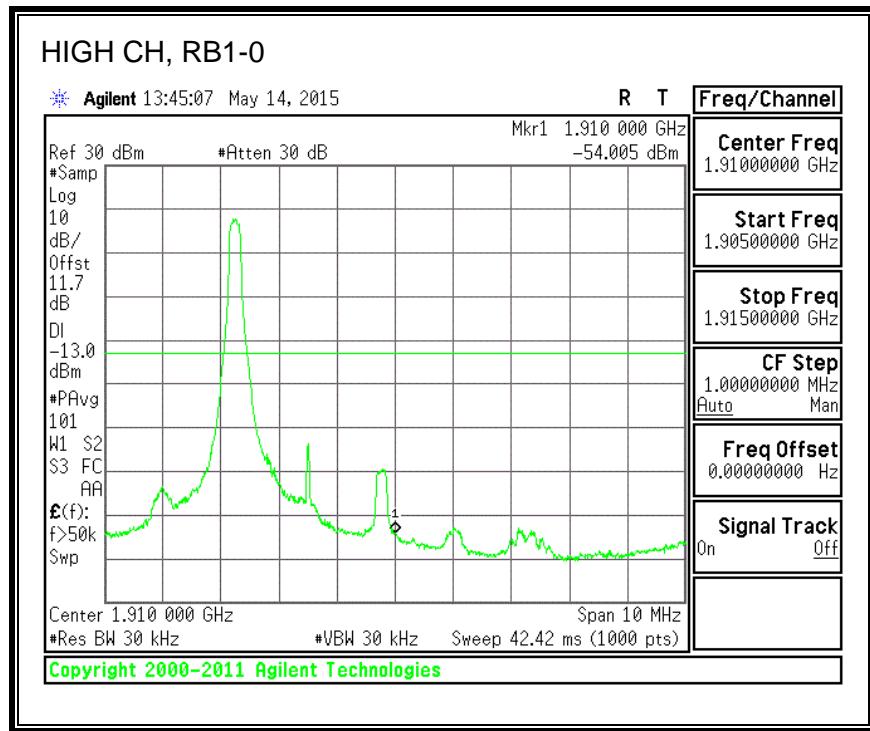
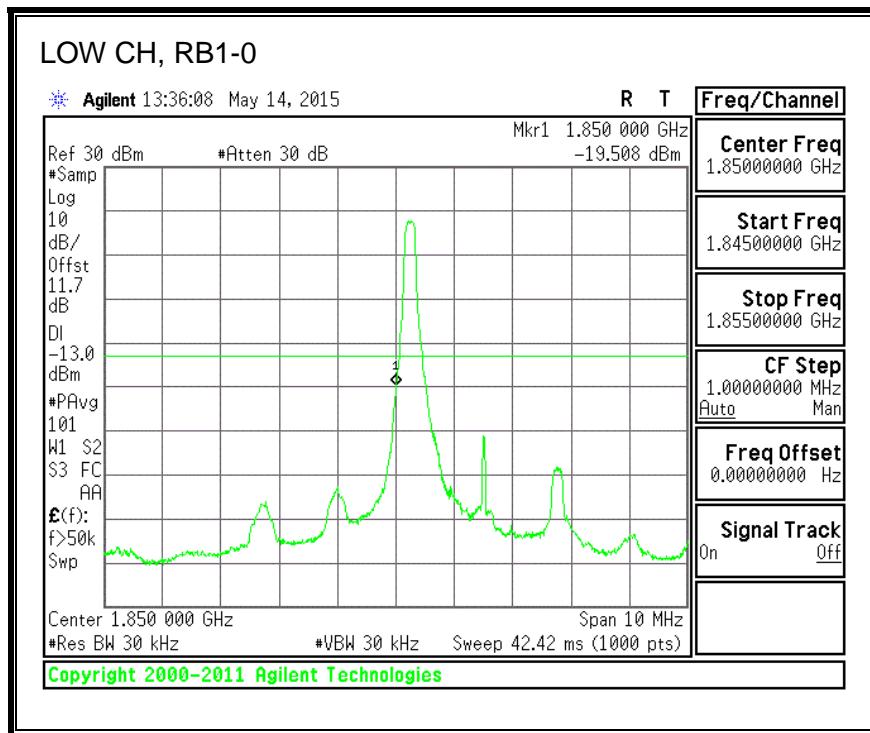


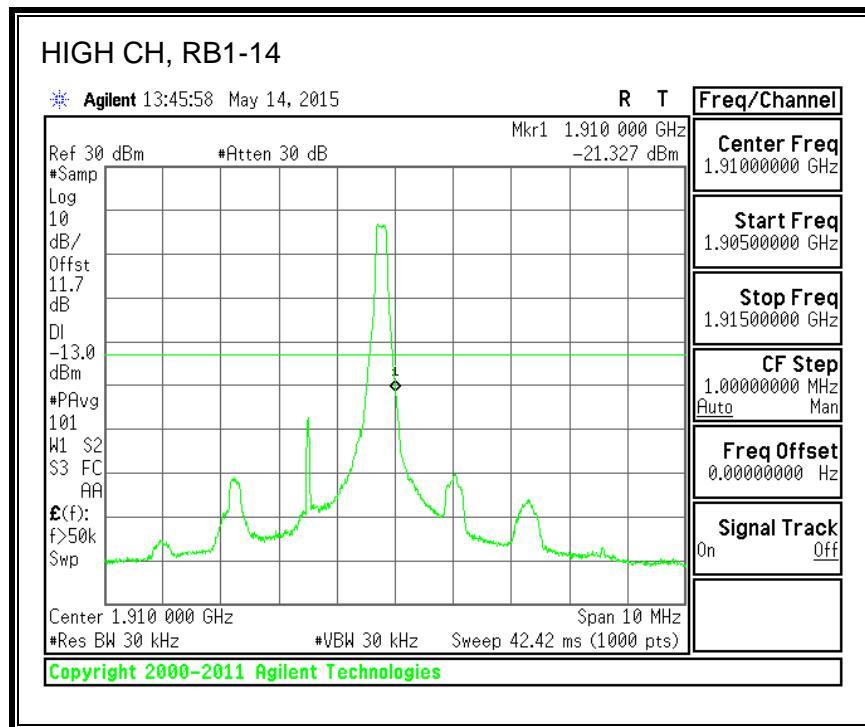
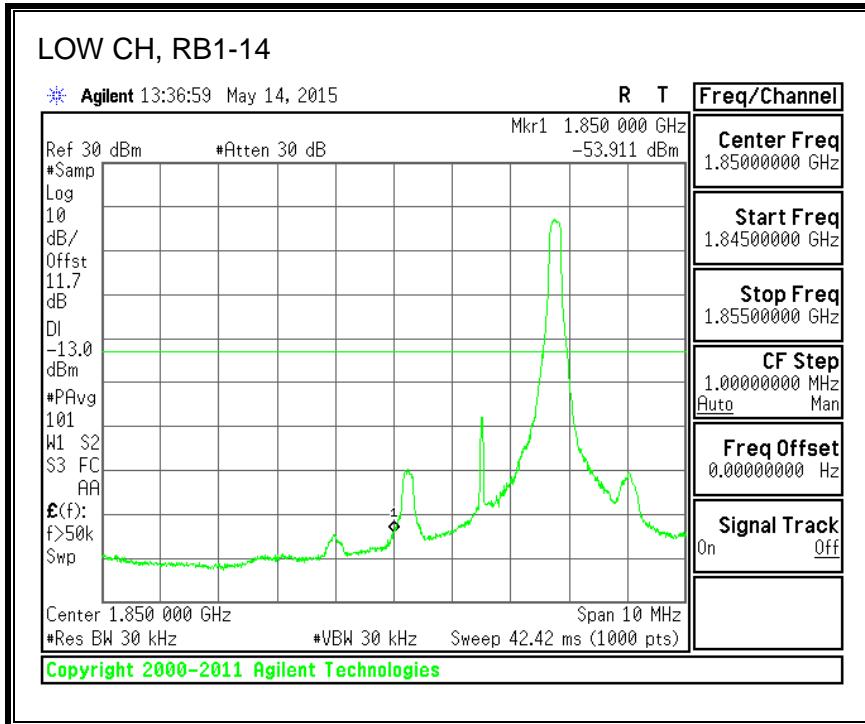
**16QAM, (1.4 MHz BAND WIDTH)**



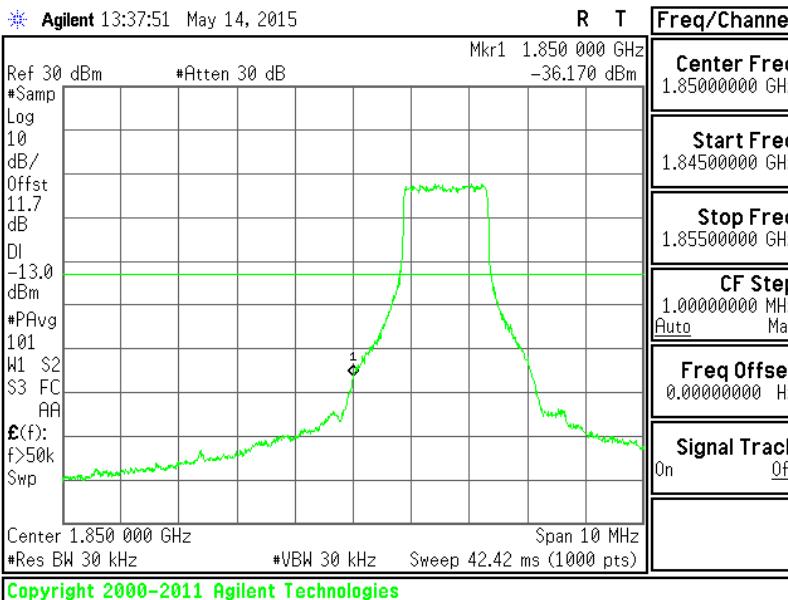




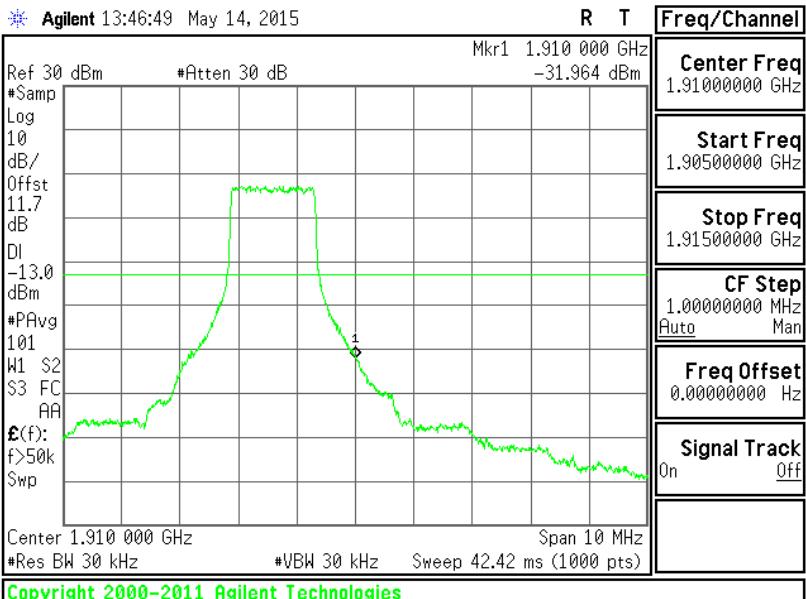
**QPSK, (3.0 MHz BAND WIDTH)**

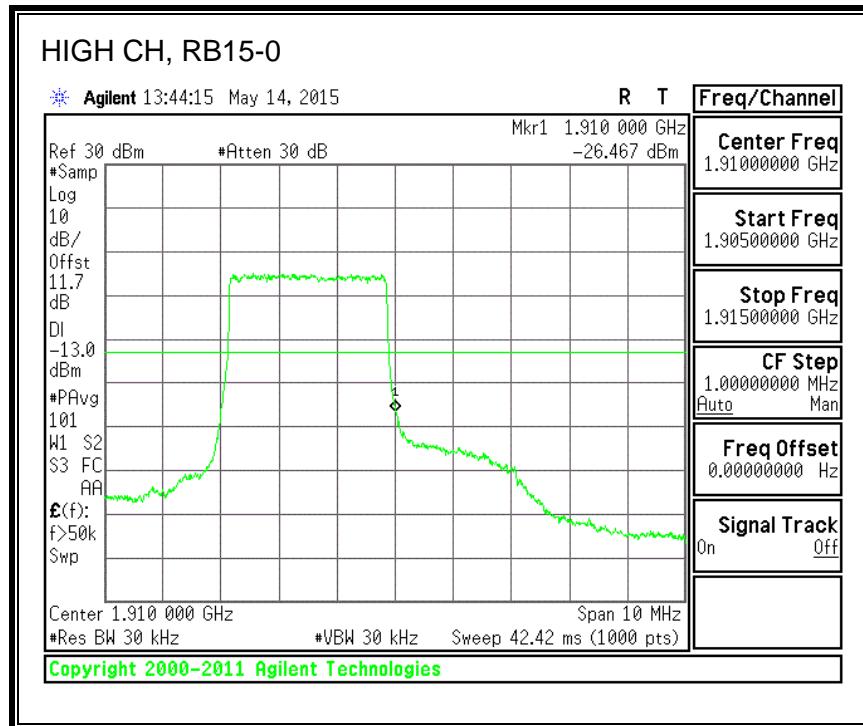
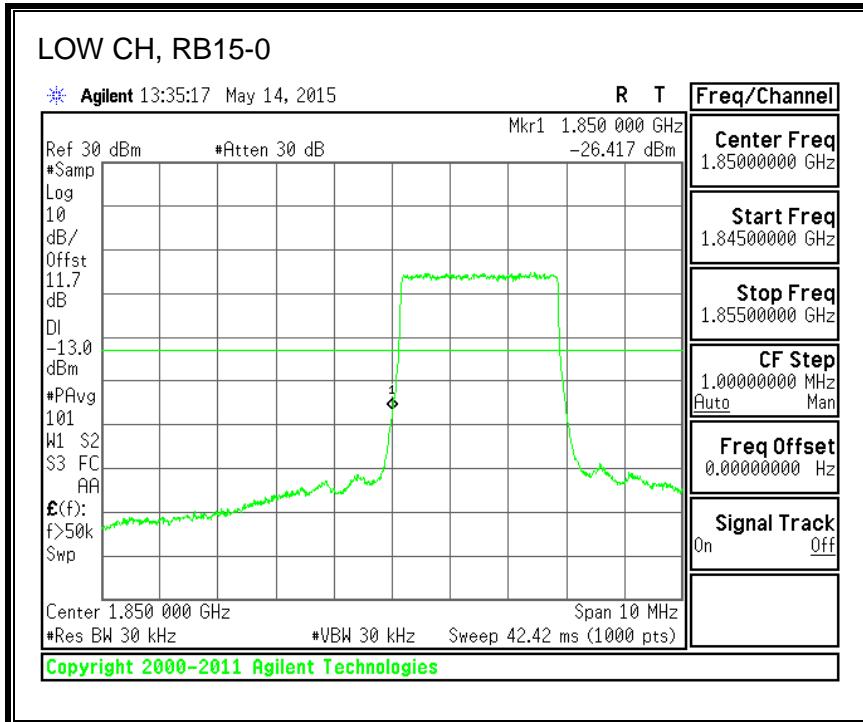


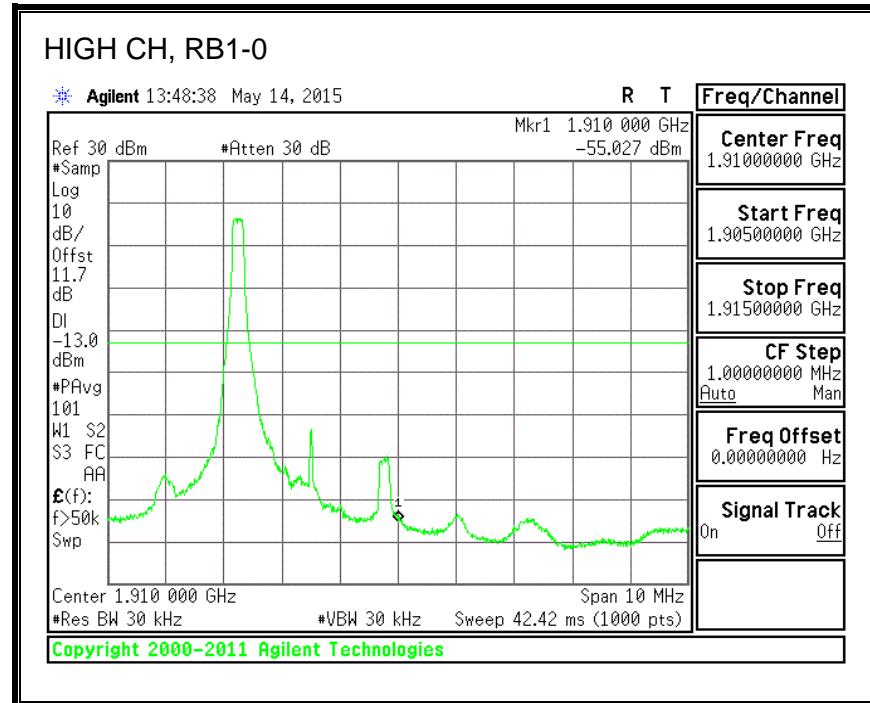
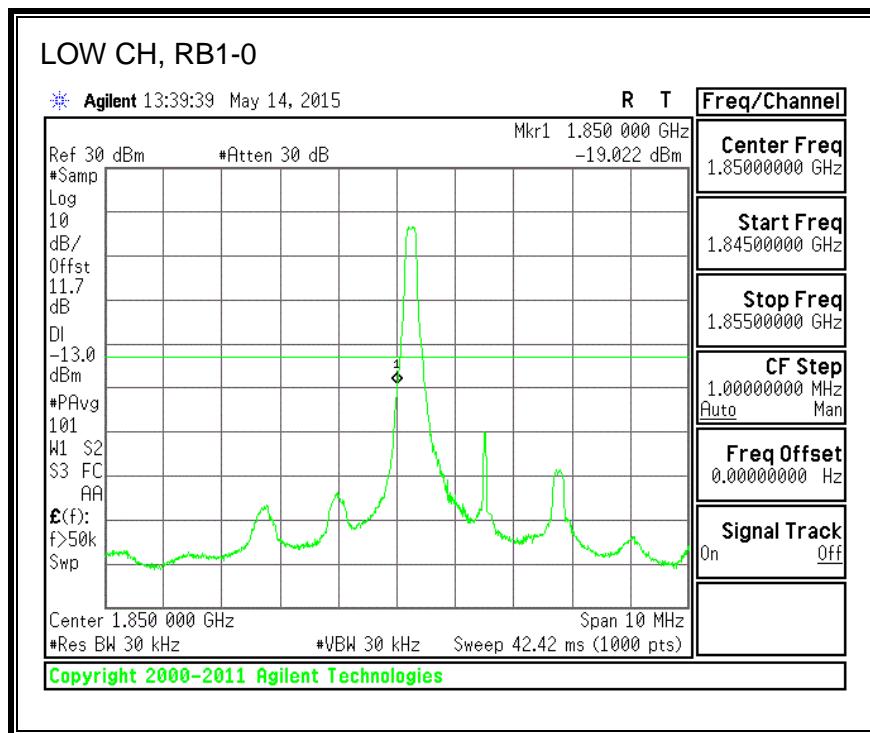
## LOW CH, RB8-4

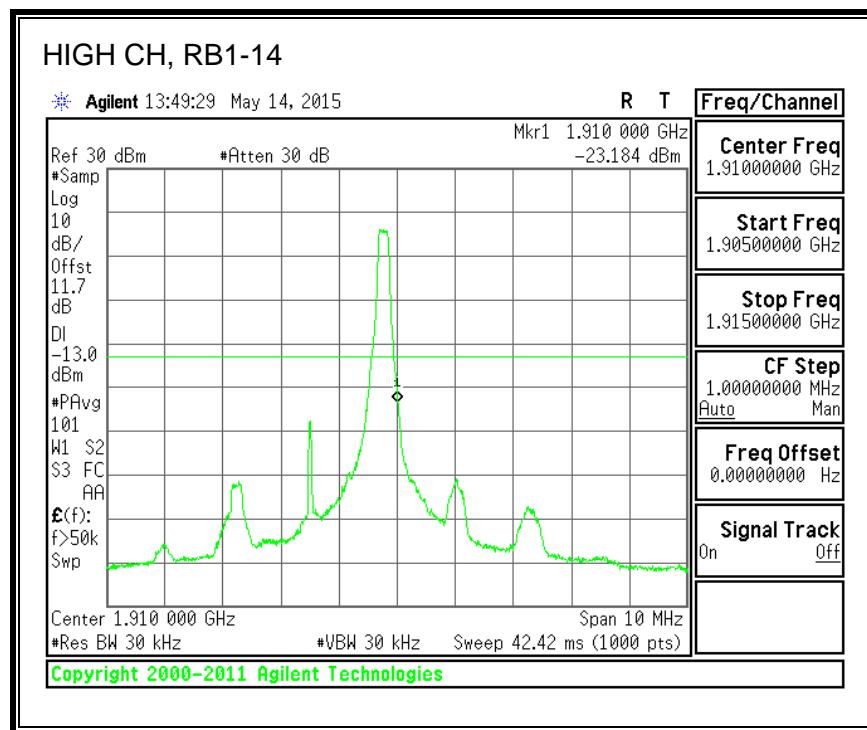
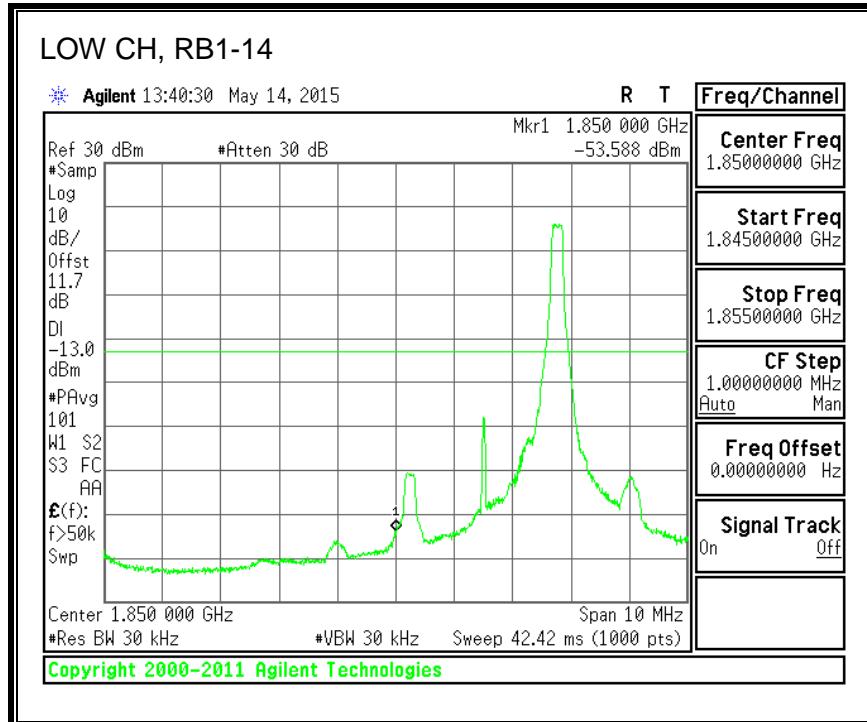


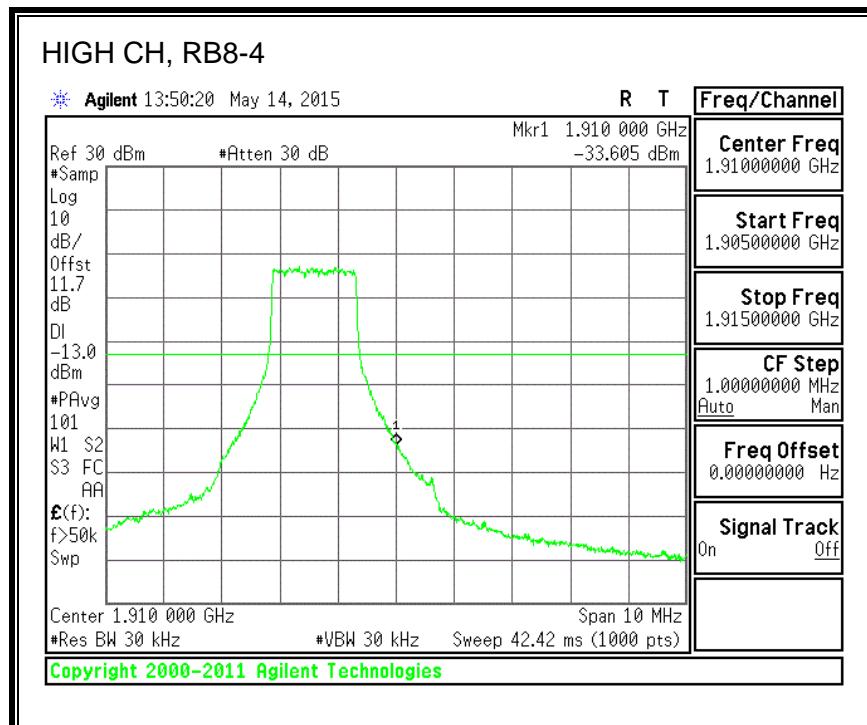
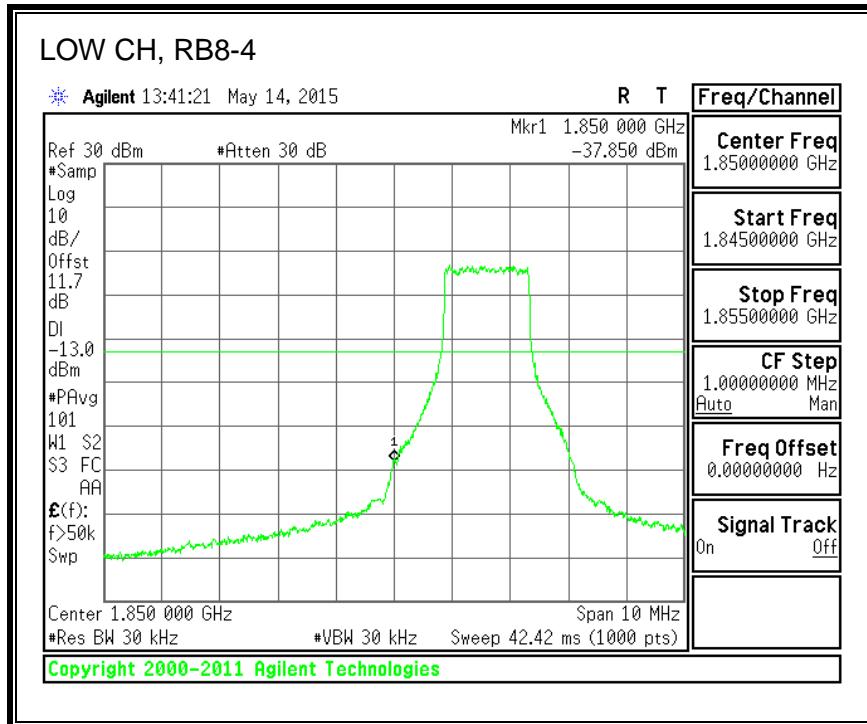
## HIGH CH, RB8-4





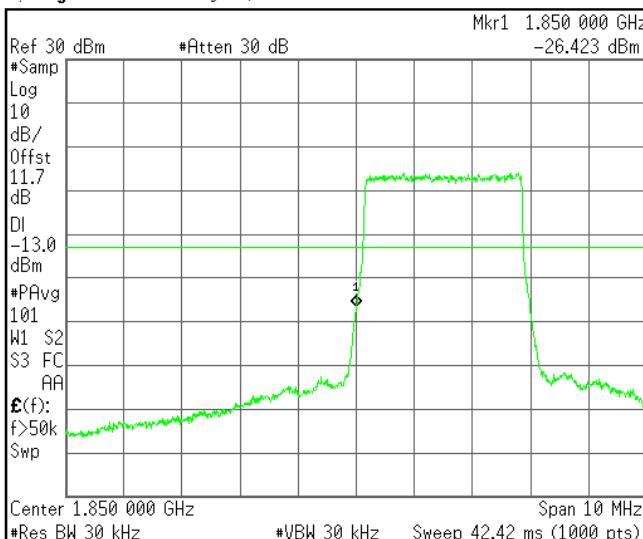
**16QAM, (3.0 MHz BAND WIDTH)**





## LOW CH, RB15-0

Agilent 13:38:48 May 14, 2015



R T

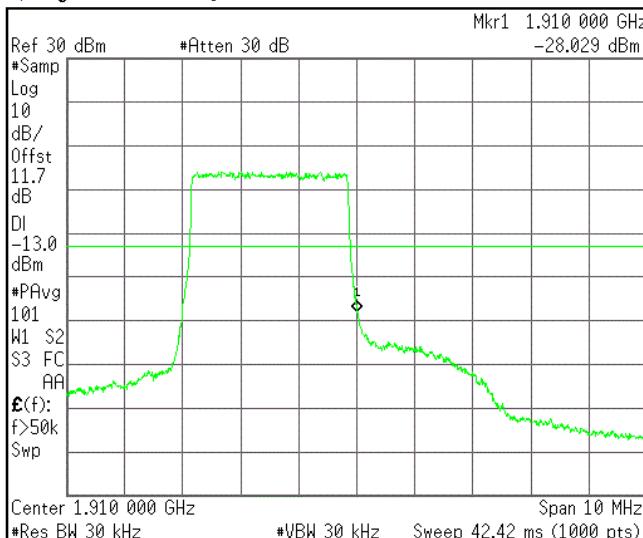
## Freq/Channel

Center Freq  
1.85000000 GHzStart Freq  
1.84500000 GHzStop Freq  
1.85500000 GHzCF Step  
1.00000000 MHz  
Auto ManFreq Offset  
0.00000000 HzSignal Track  
On Off

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## HIGH CH, RB15-0

Agilent 13:47:46 May 14, 2015

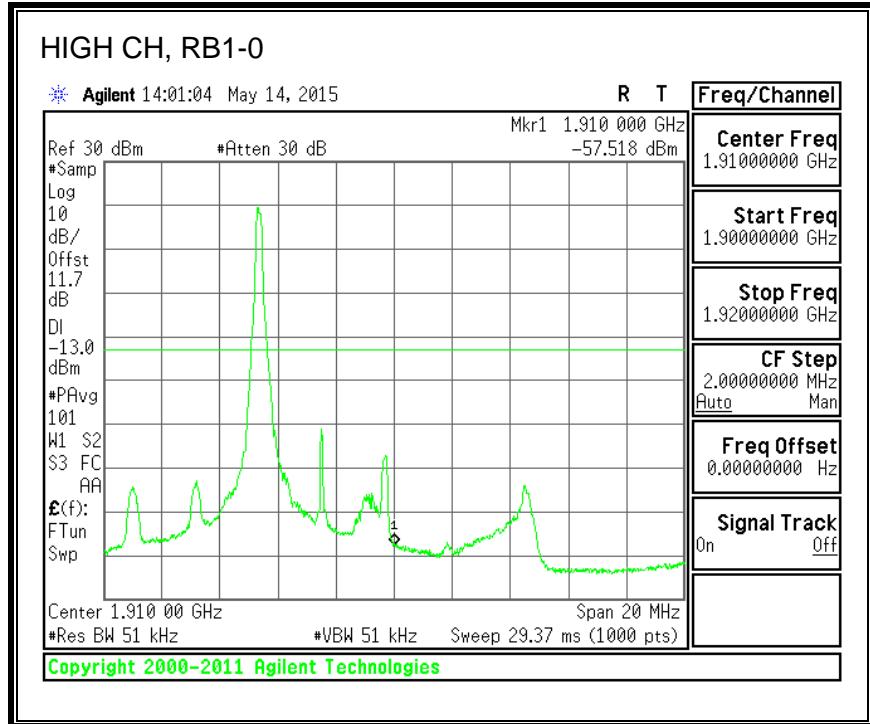
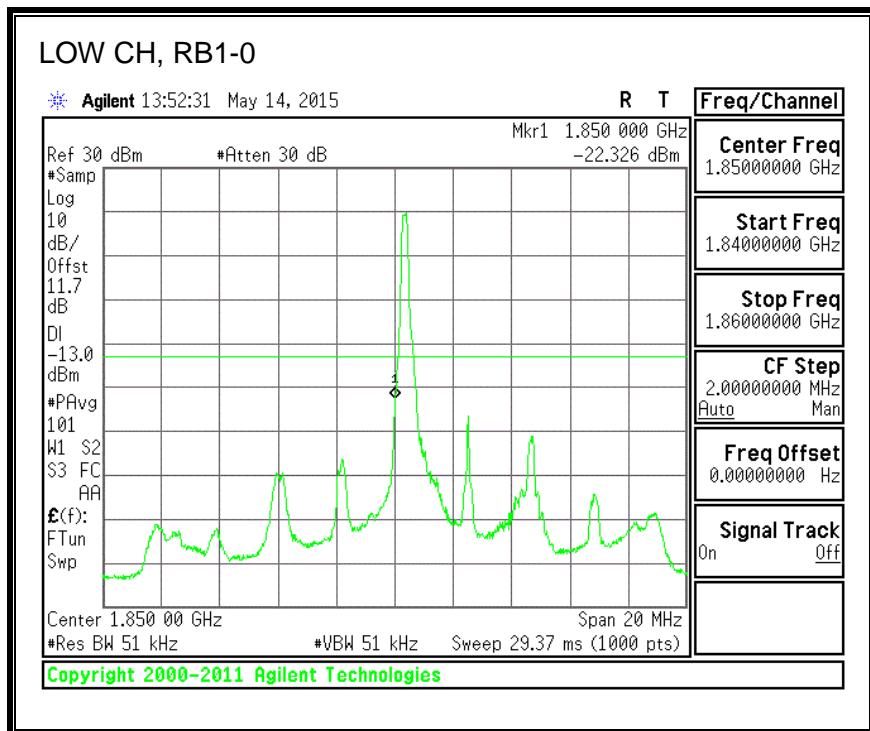


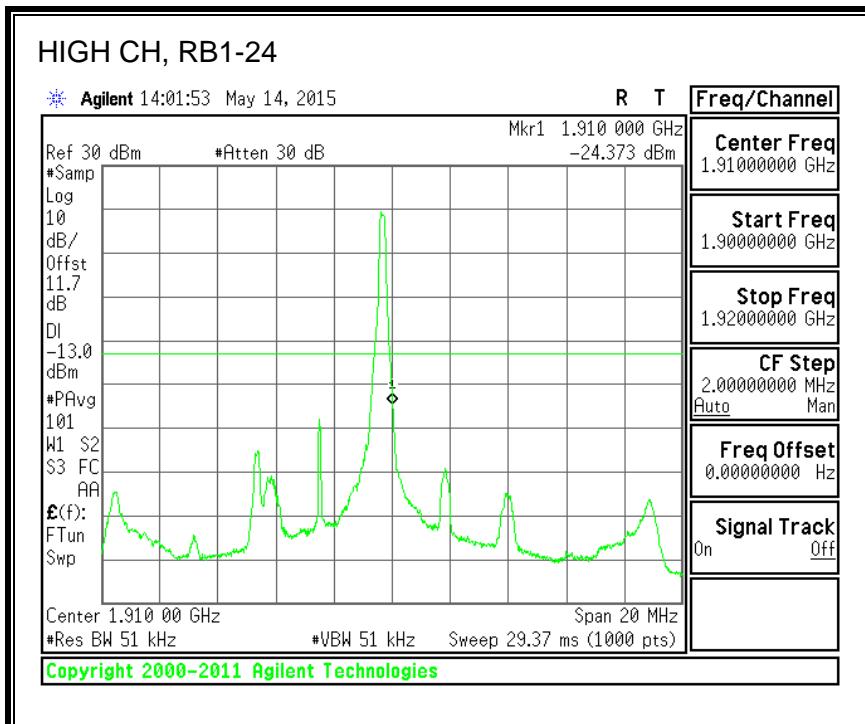
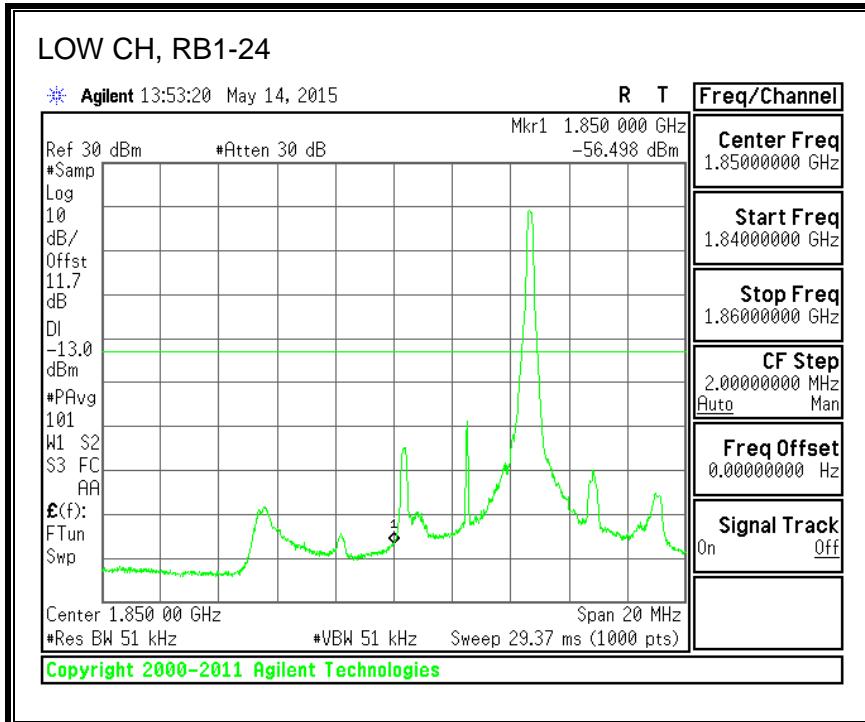
R T

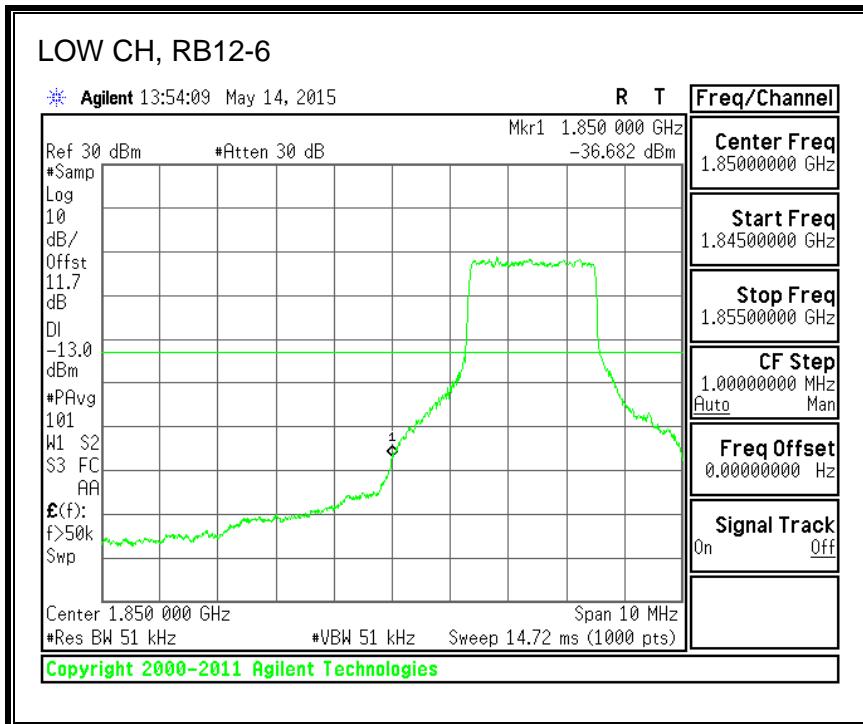
## Freq/Channel

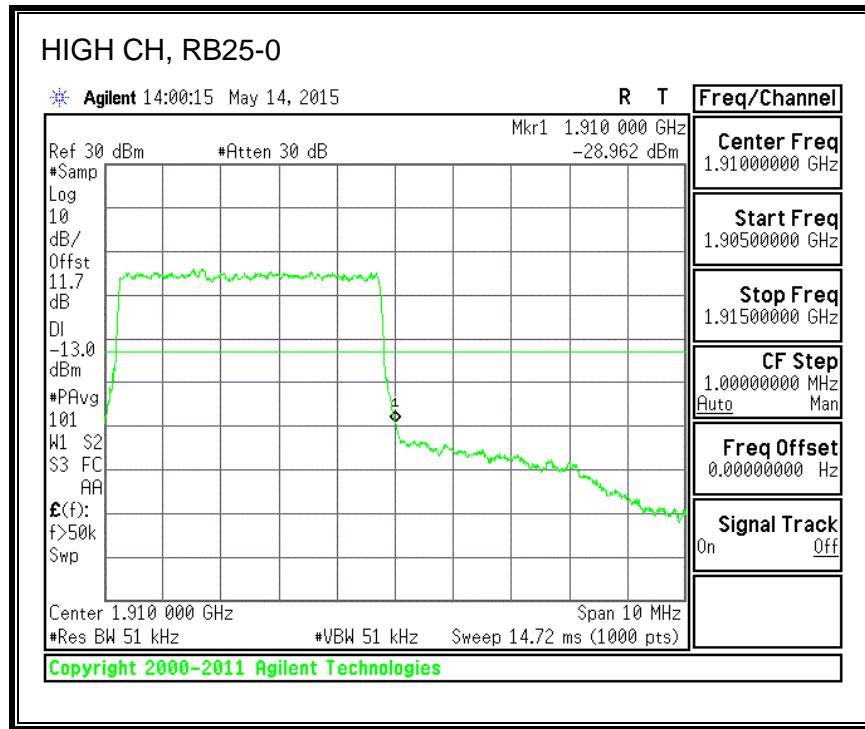
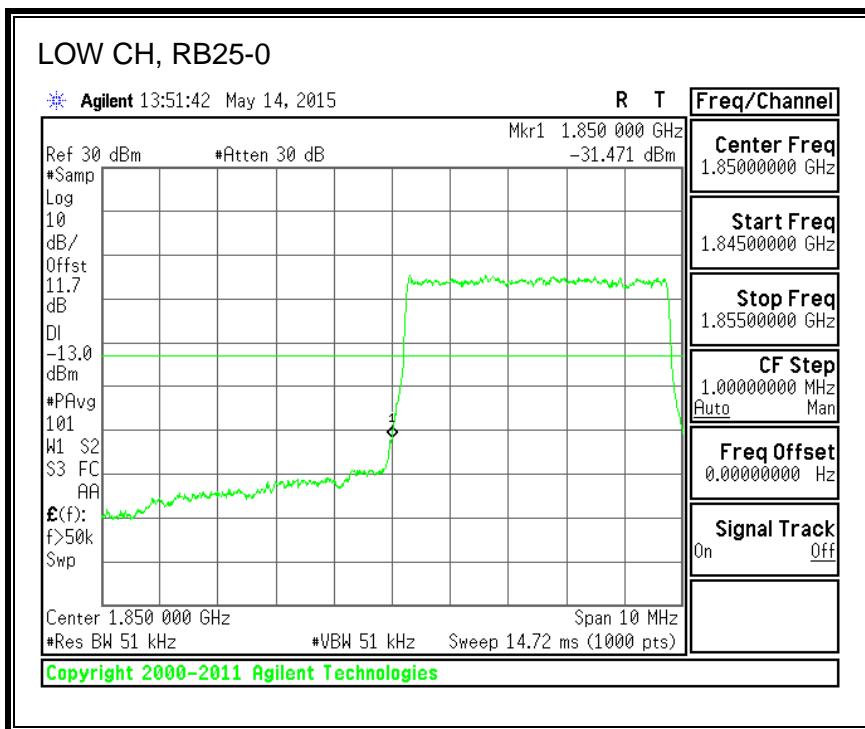
Center Freq  
1.91000000 GHzStart Freq  
1.90500000 GHzStop Freq  
1.91500000 GHzCF Step  
1.00000000 MHz  
Auto ManFreq Offset  
0.00000000 HzSignal Track  
On Off

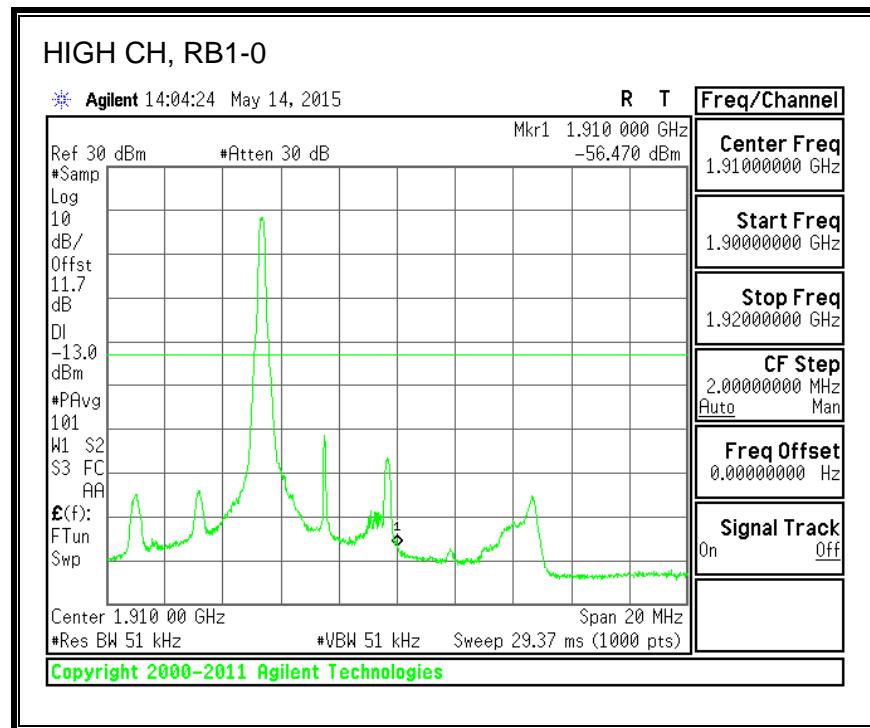
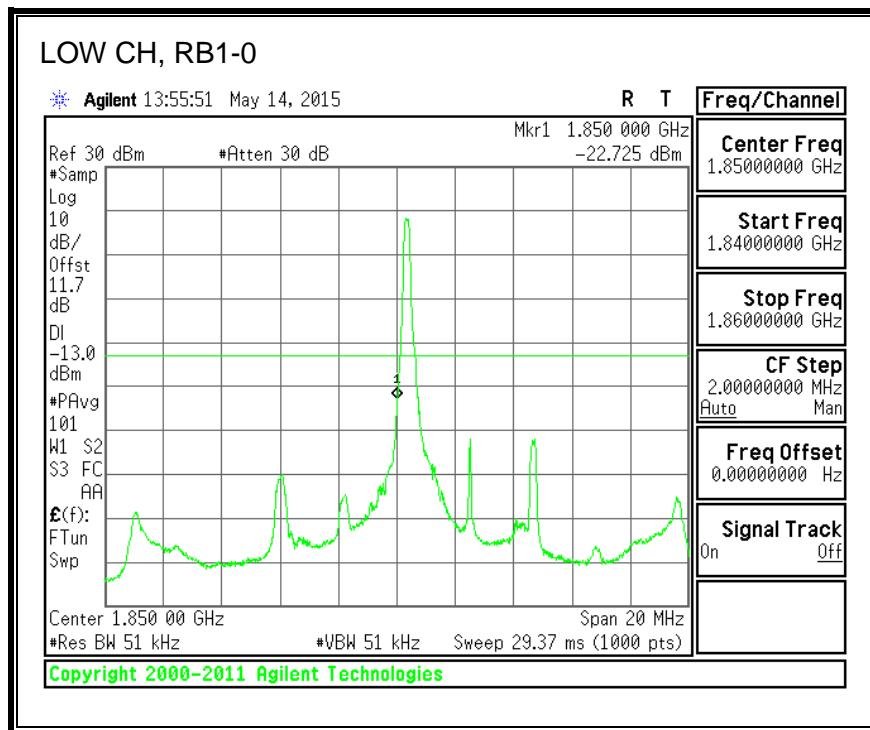
Copyright 2000-2011 Agilent Technologies

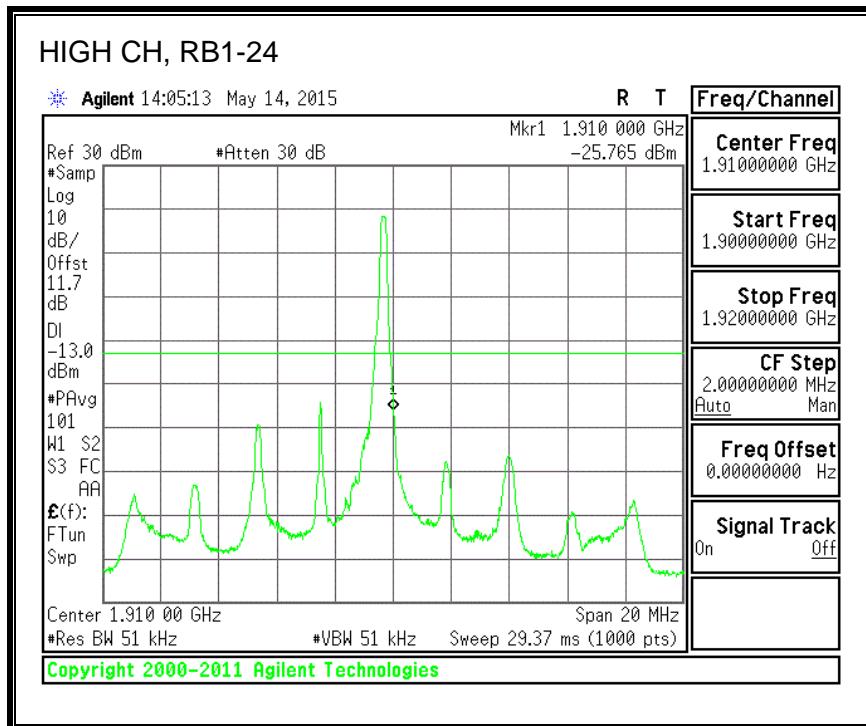
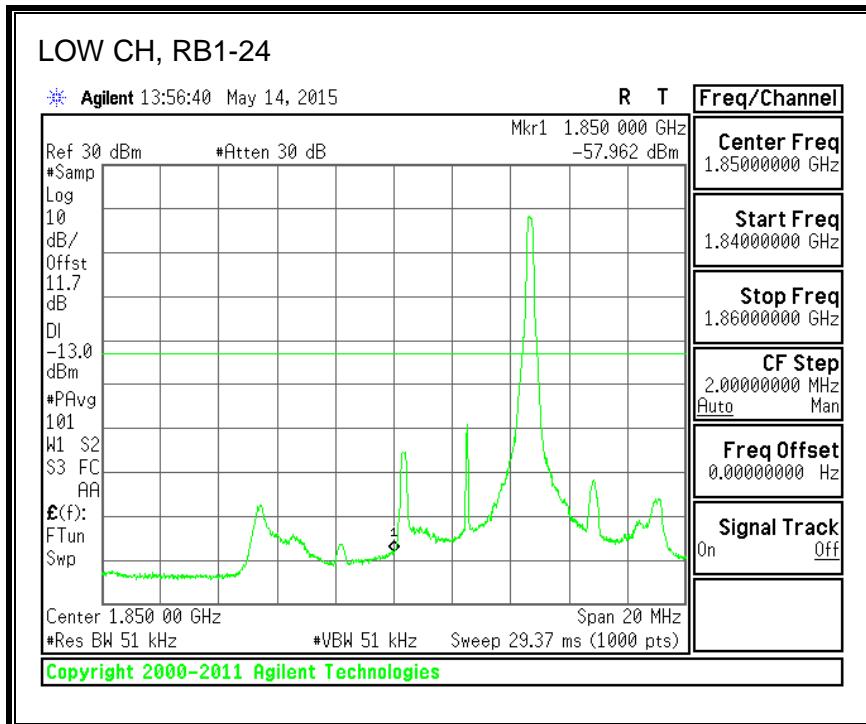
**QPSK, (5.0 MHz BAND WIDTH)**

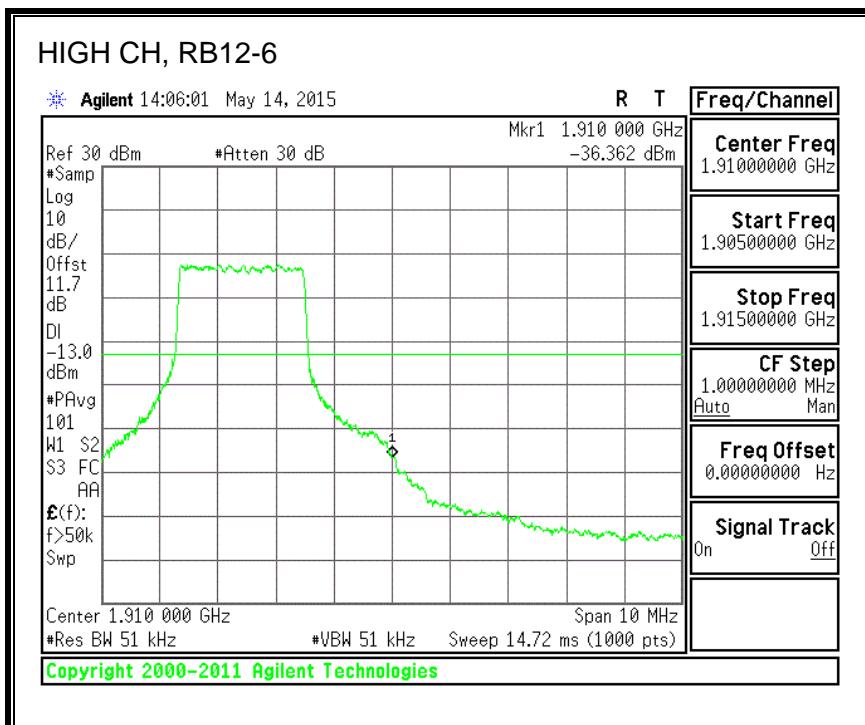
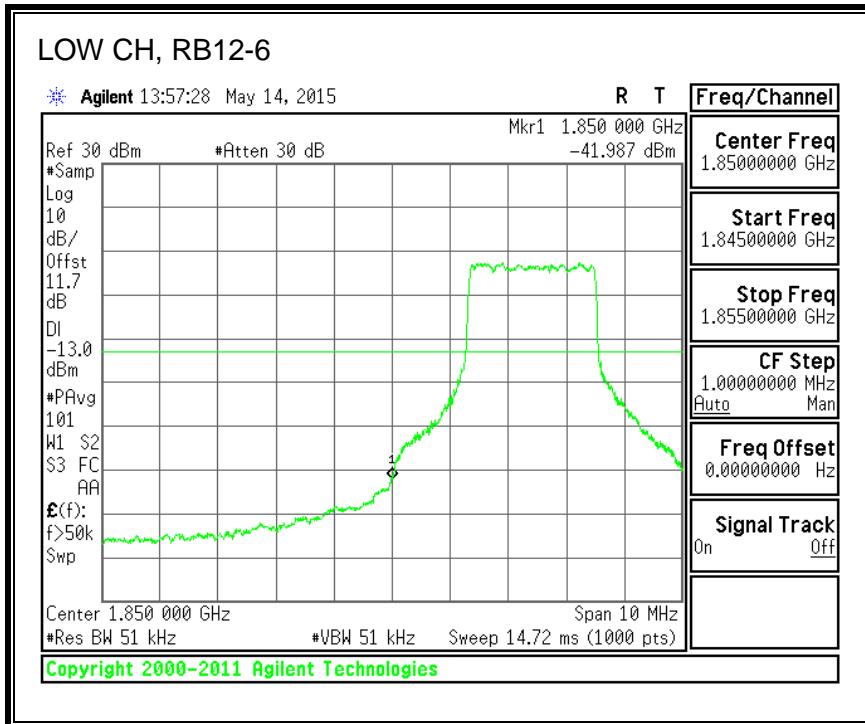


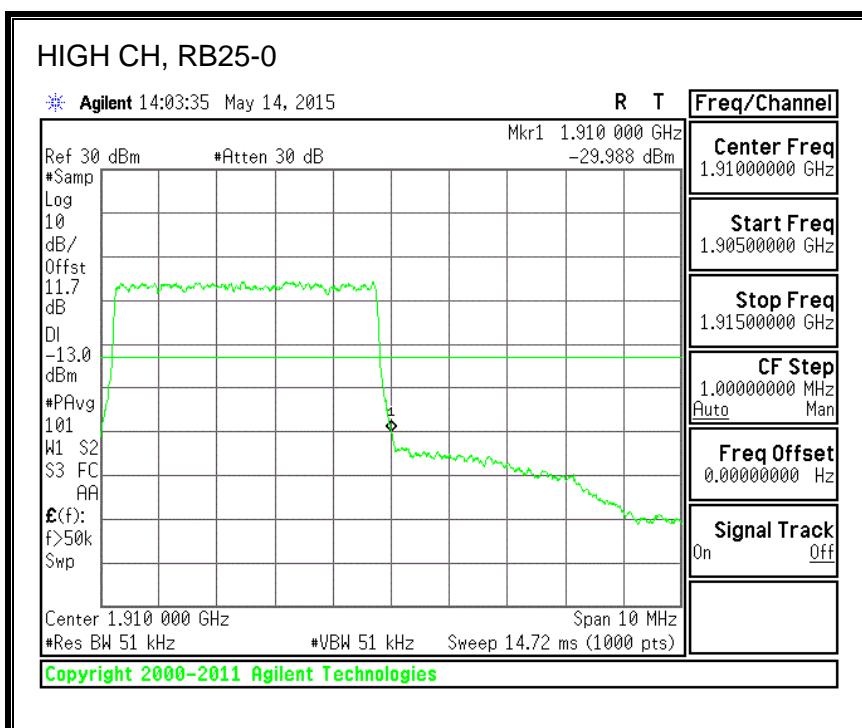
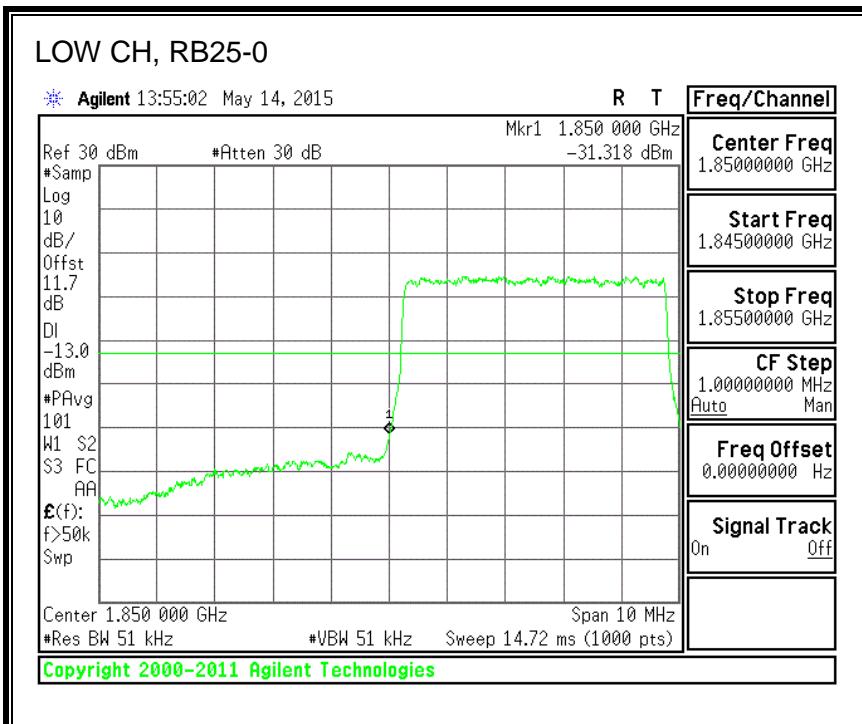


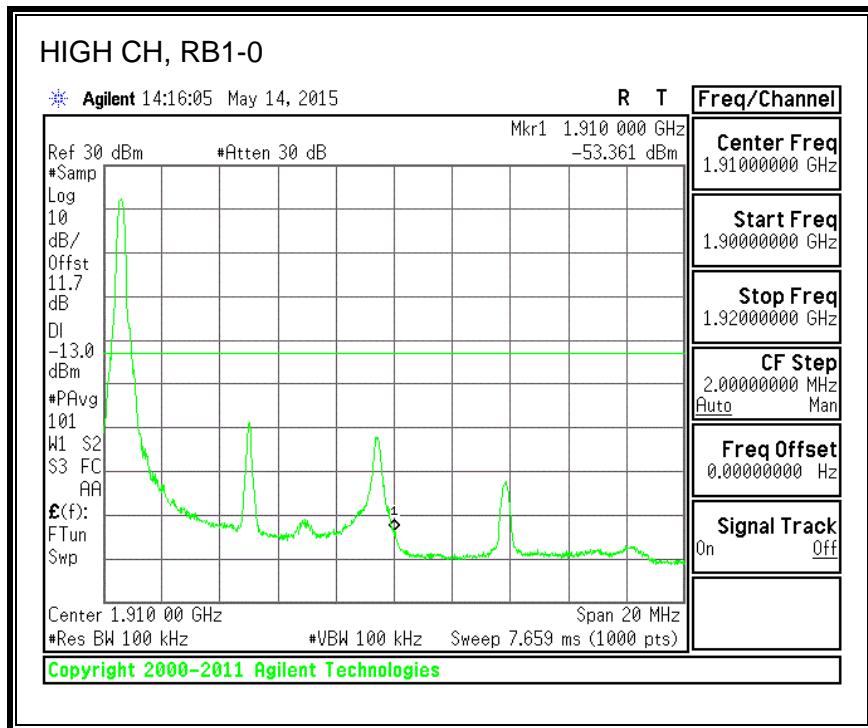
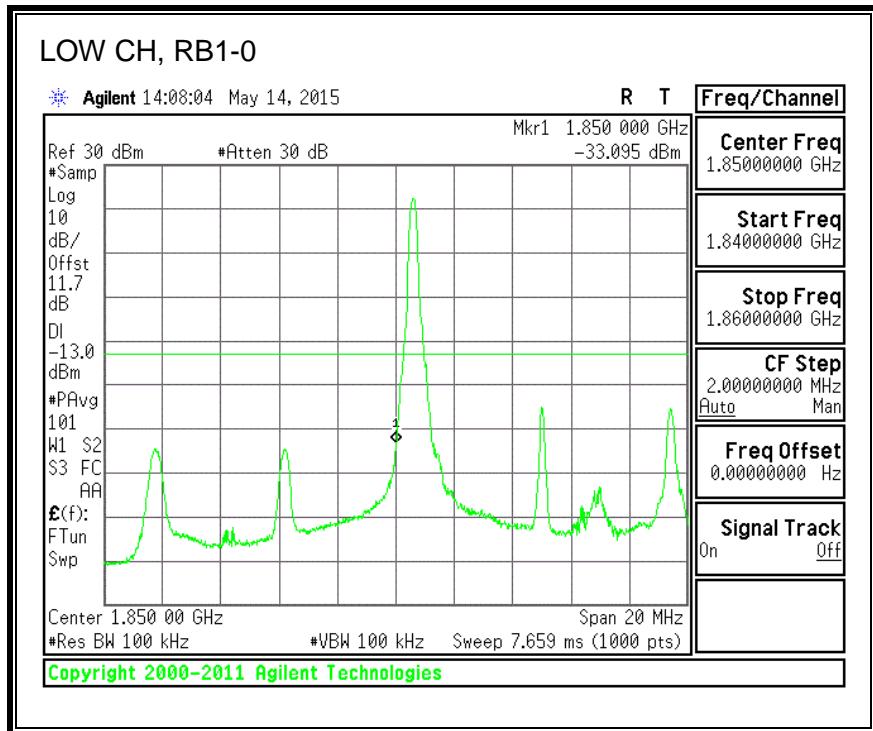


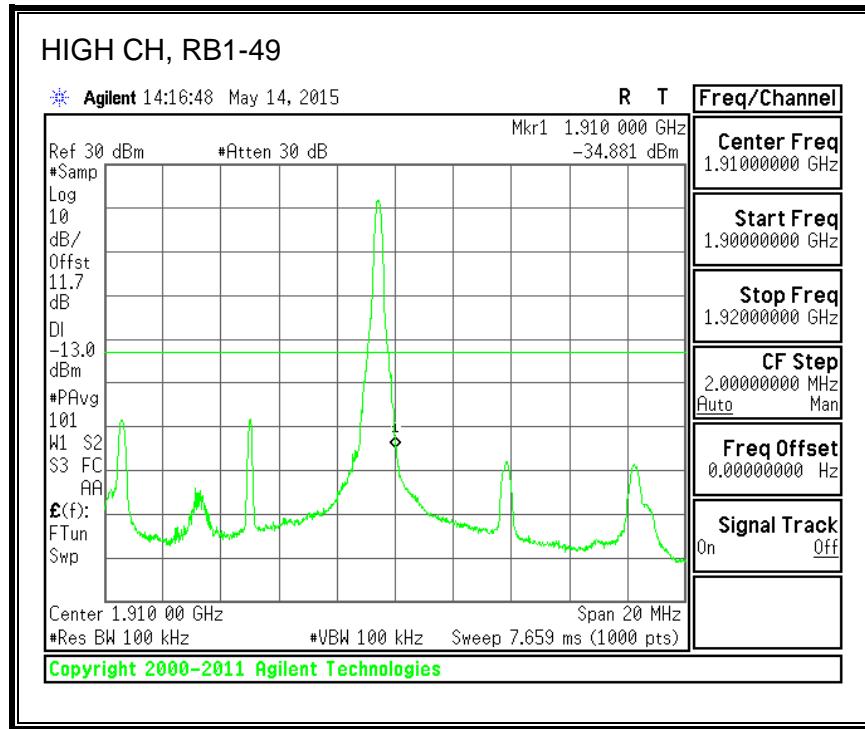
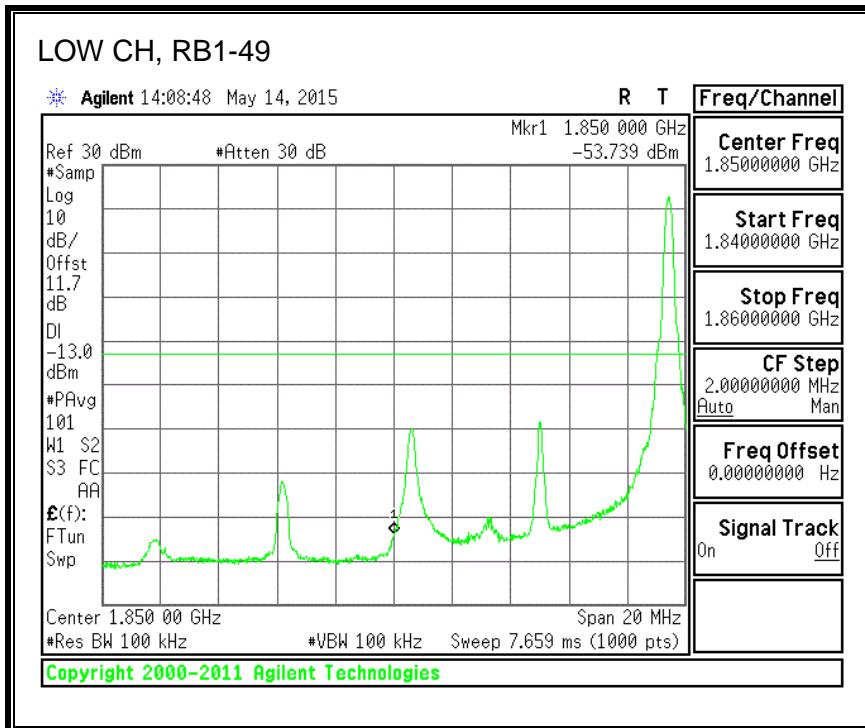
**16QAM, (5.0 MHz BAND WIDTH)**



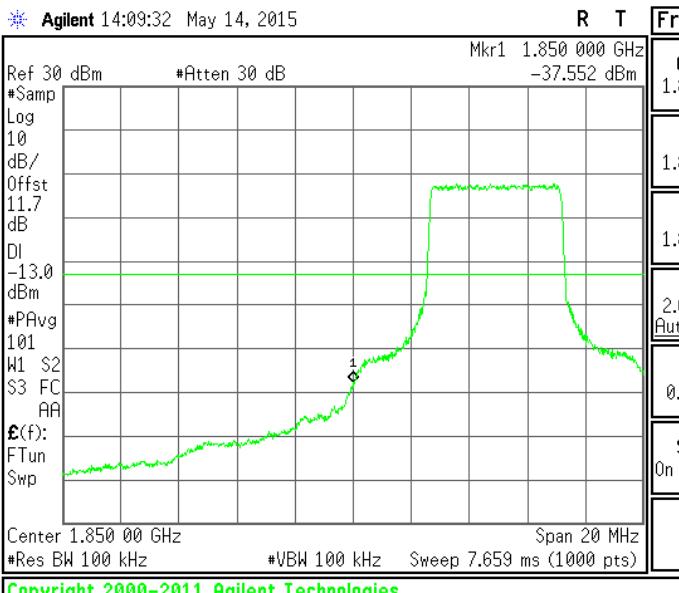




**QPSK, (10.0 MHz BAND WIDTH)**



## LOW CH, RB25-12



## R T Freq/Channel

Center Freq 1.8500000 GHz

Start Freq 1.84000000 GHz

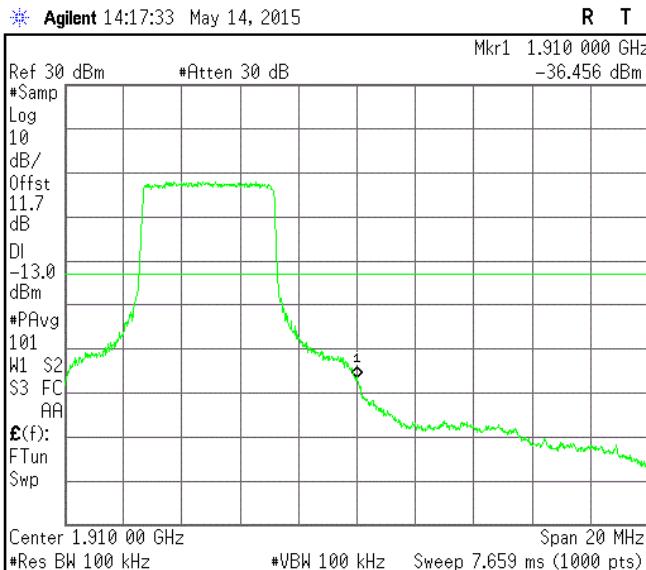
Stop Freq 1.86000000 GHz

CF Step 2.00000000 MHz Auto Man

Freq Offset 0.00000000 Hz

Signal Track On Off

## HIGH CH, RB25-12



## R T Freq/Channel

Center Freq 1.91000000 GHz

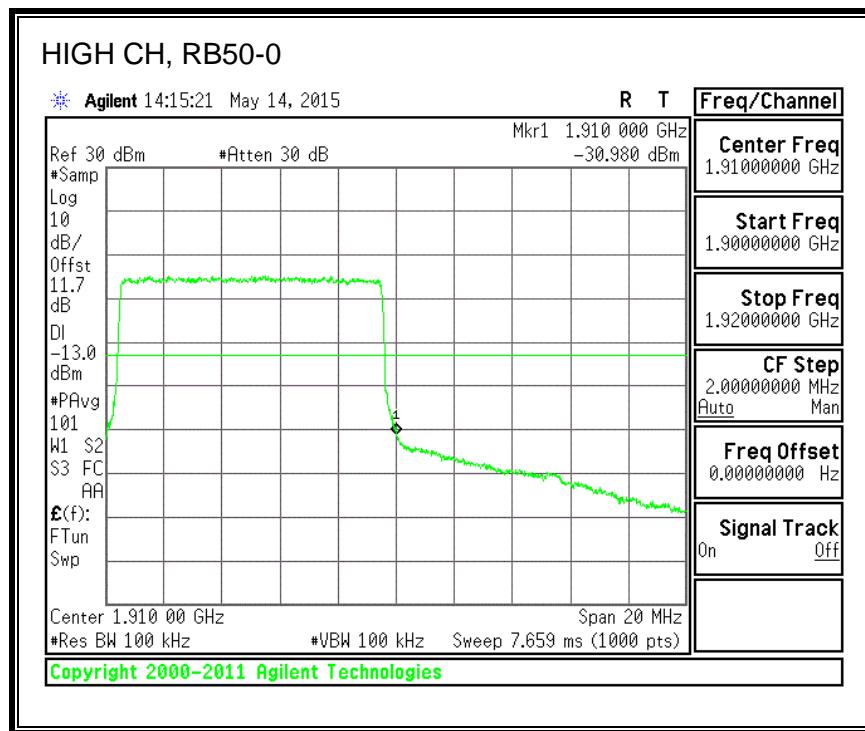
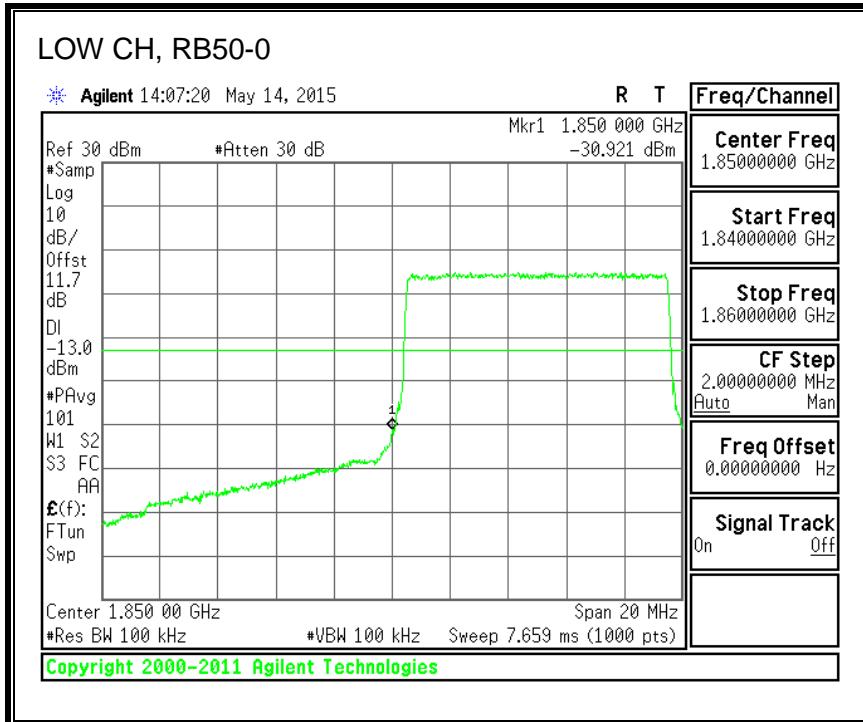
Start Freq 1.90000000 GHz

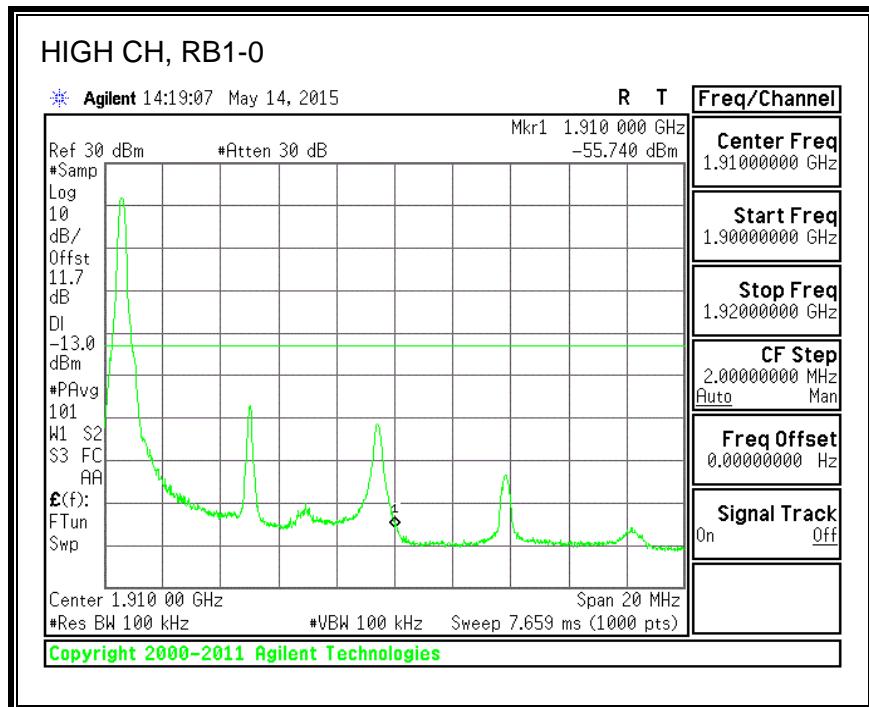
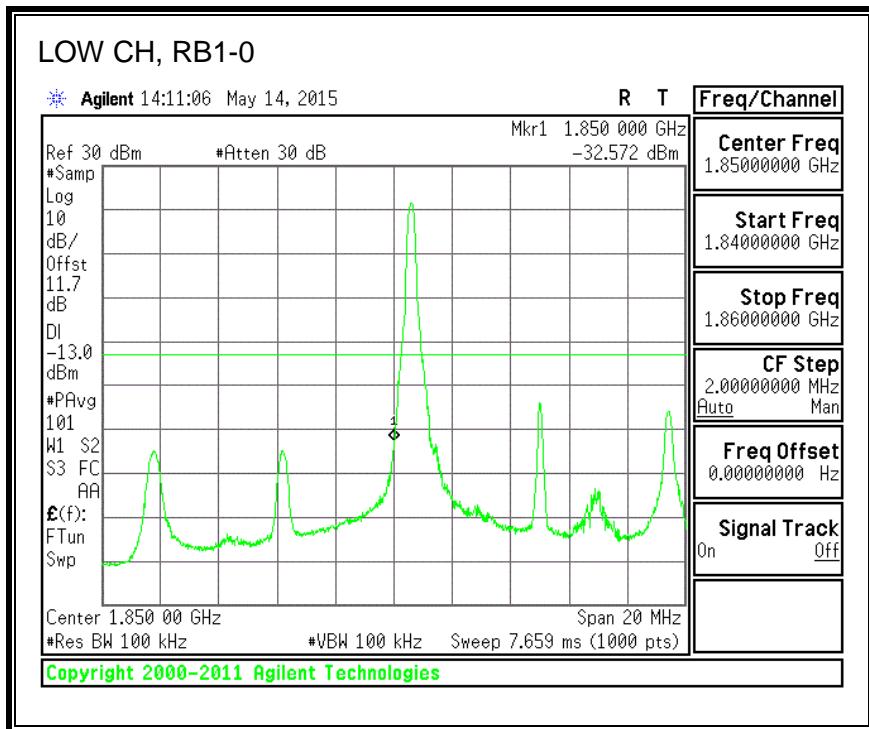
Stop Freq 1.92000000 GHz

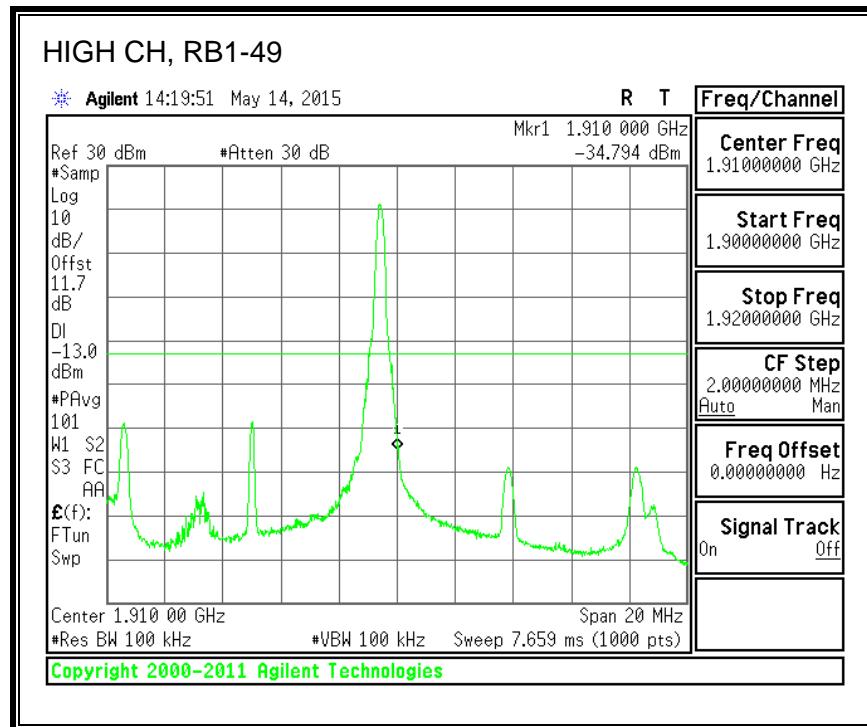
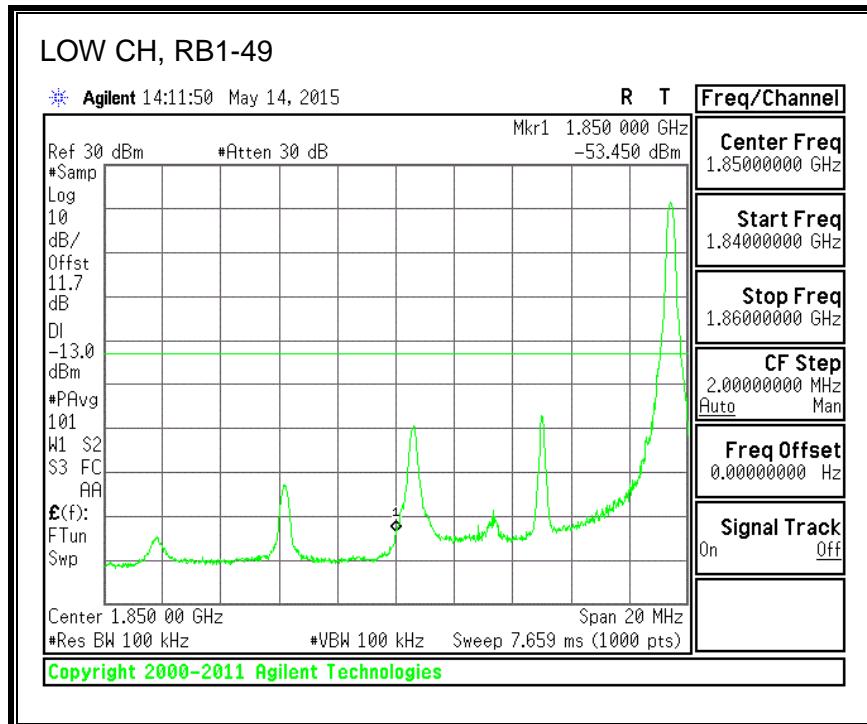
CF Step 2.00000000 MHz Auto Man

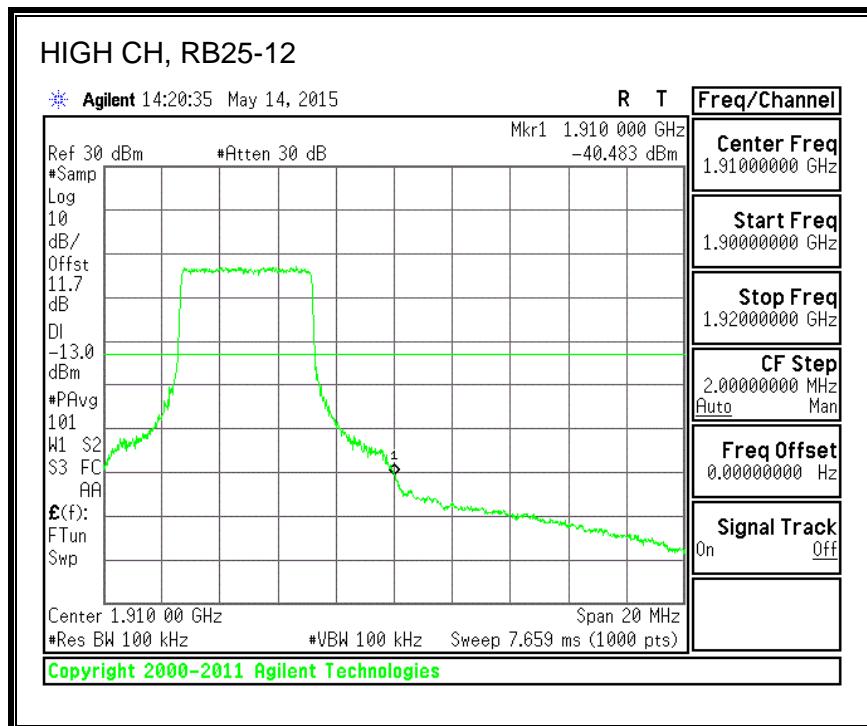
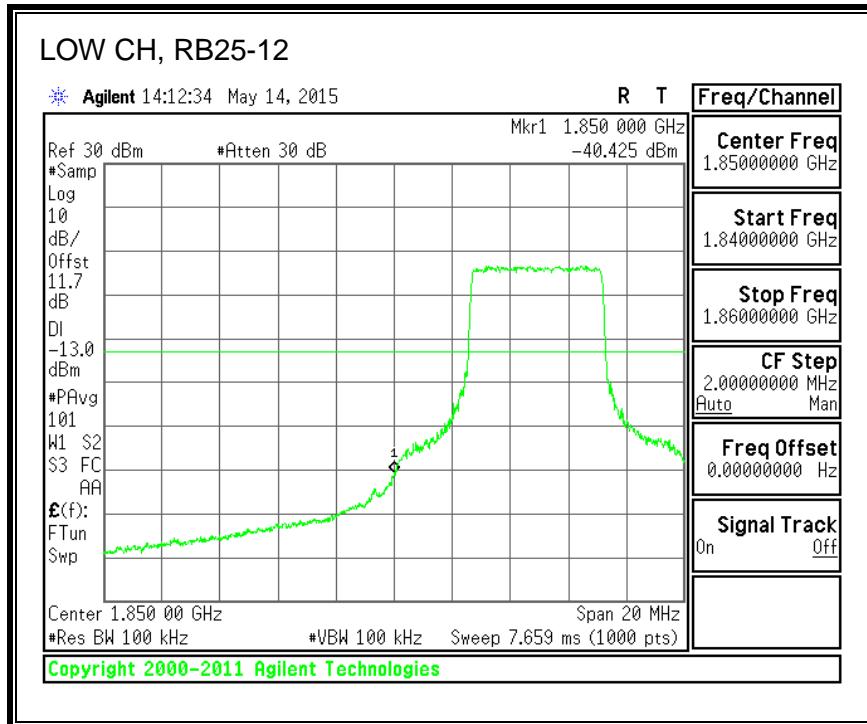
Freq Offset 0.00000000 Hz

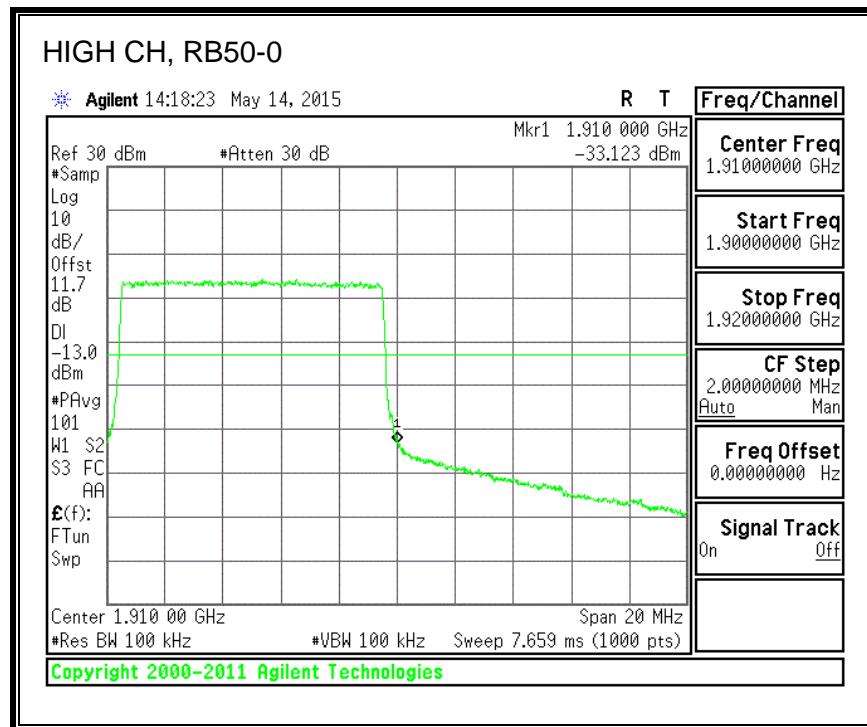
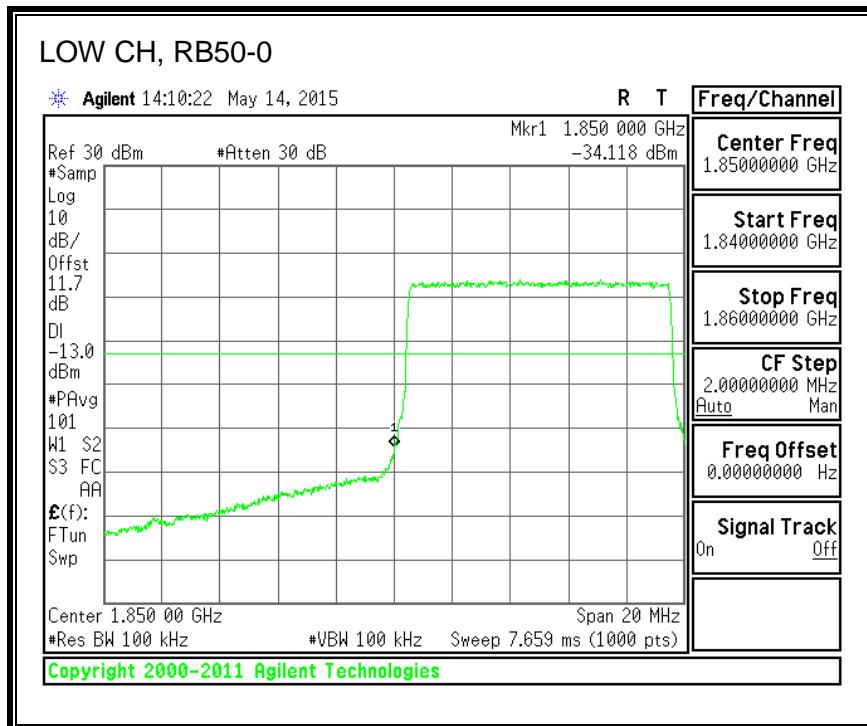
Signal Track On Off

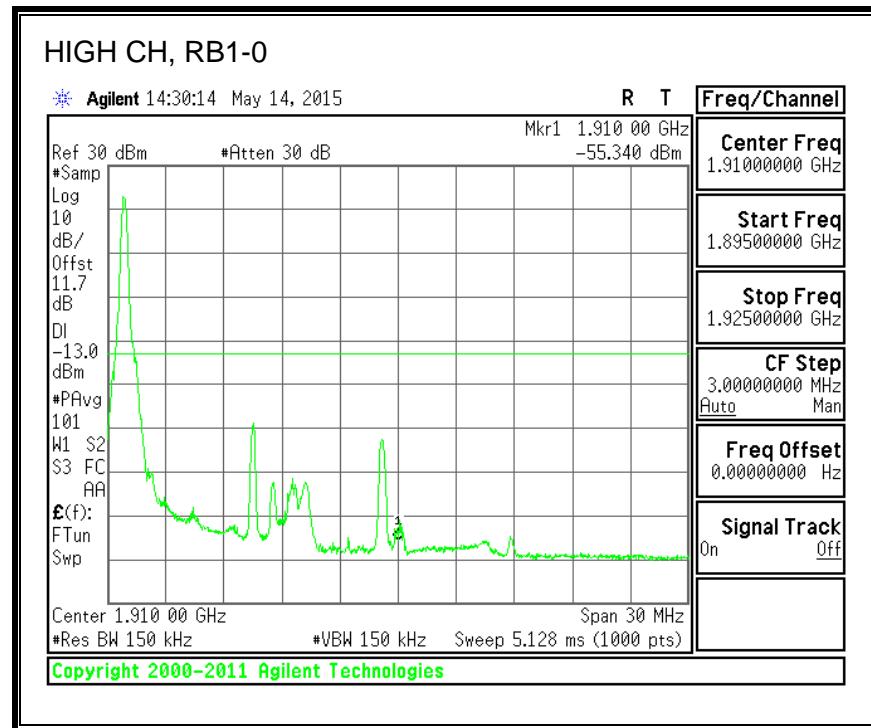
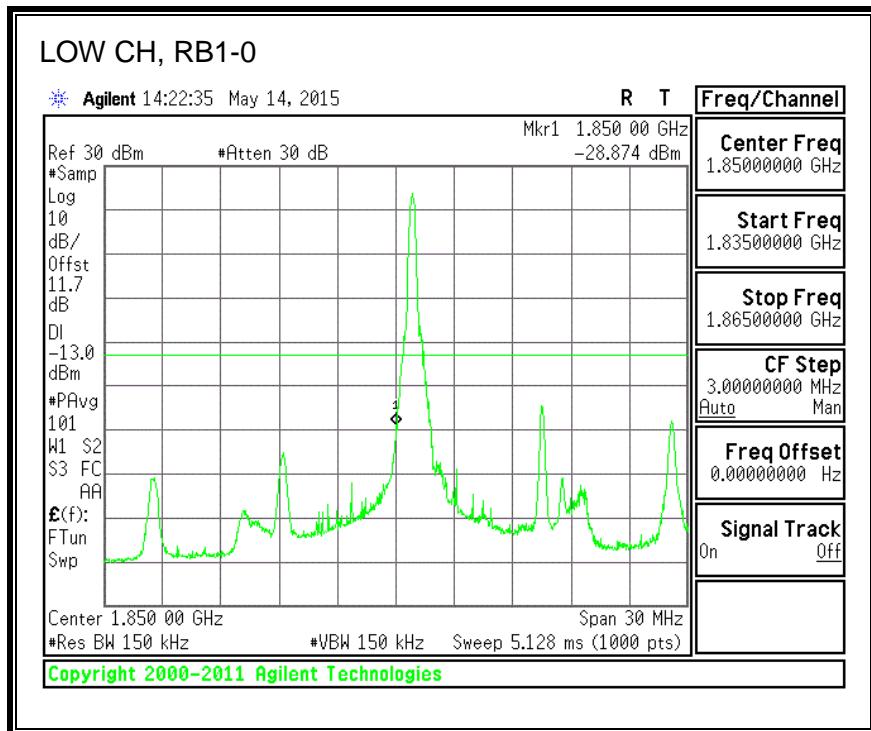


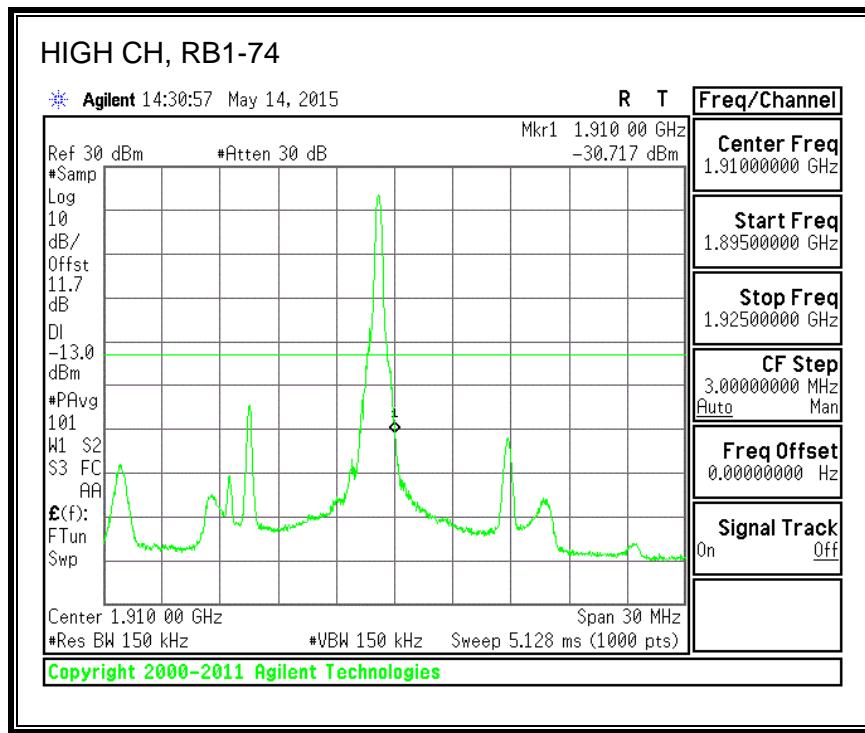
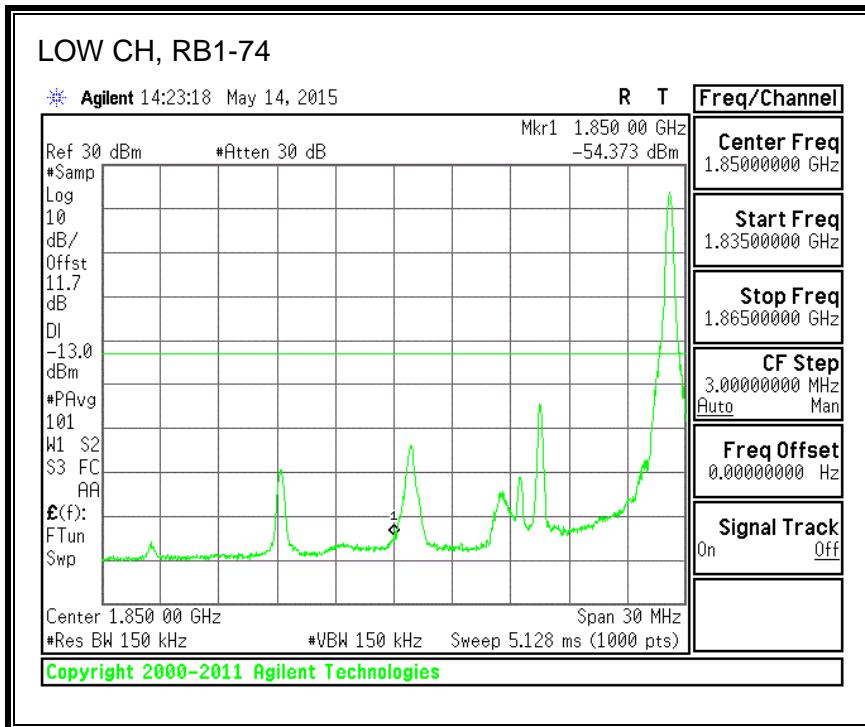
**16QAM, (10.0 MHz BAND WIDTH)**

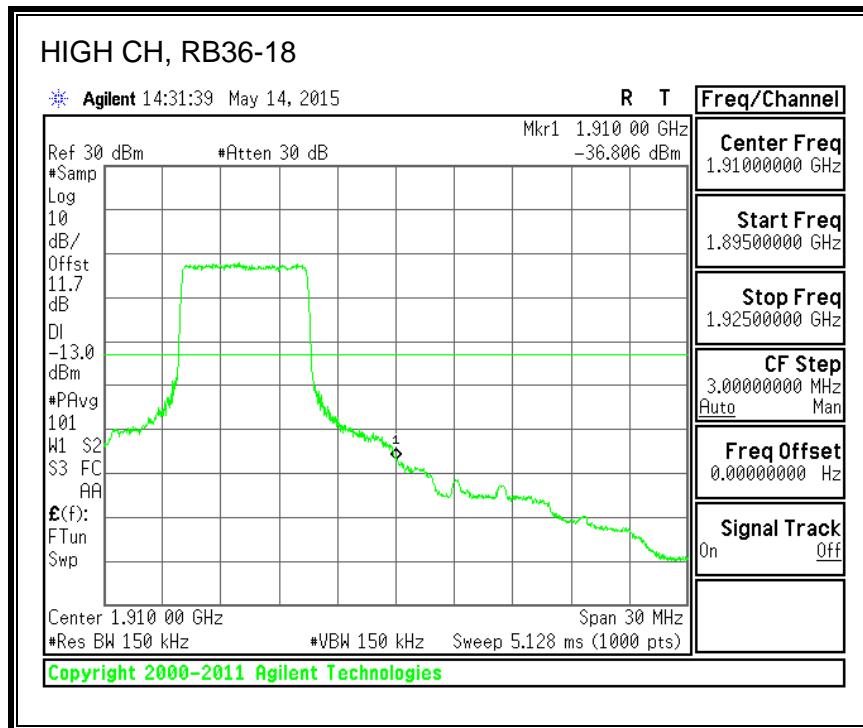
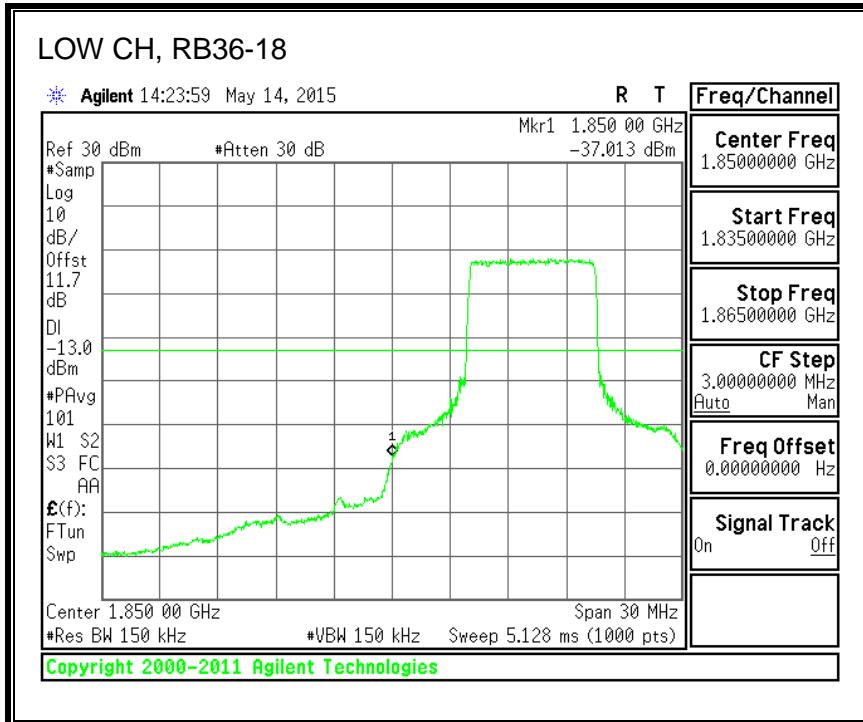


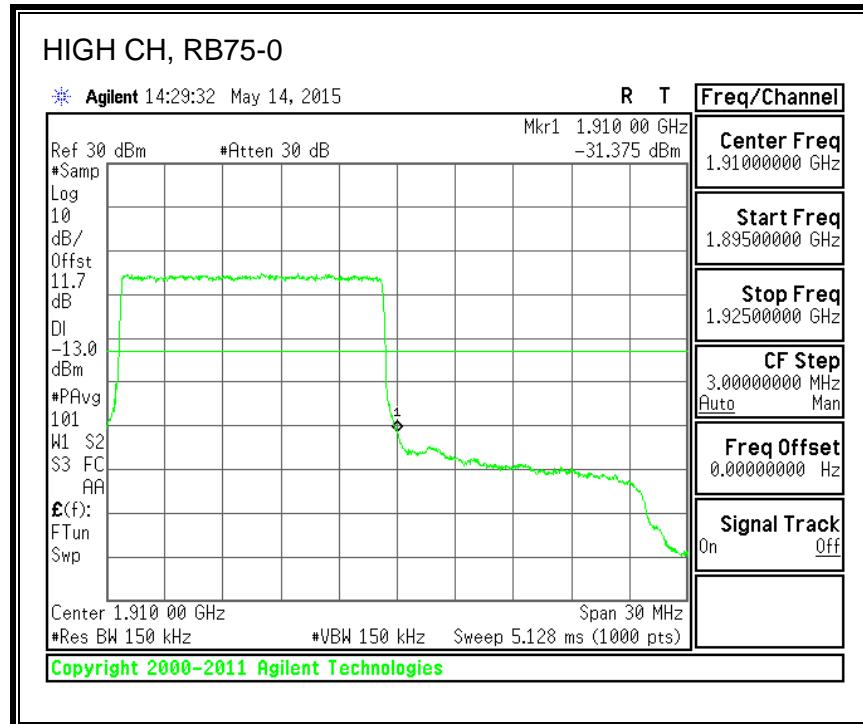
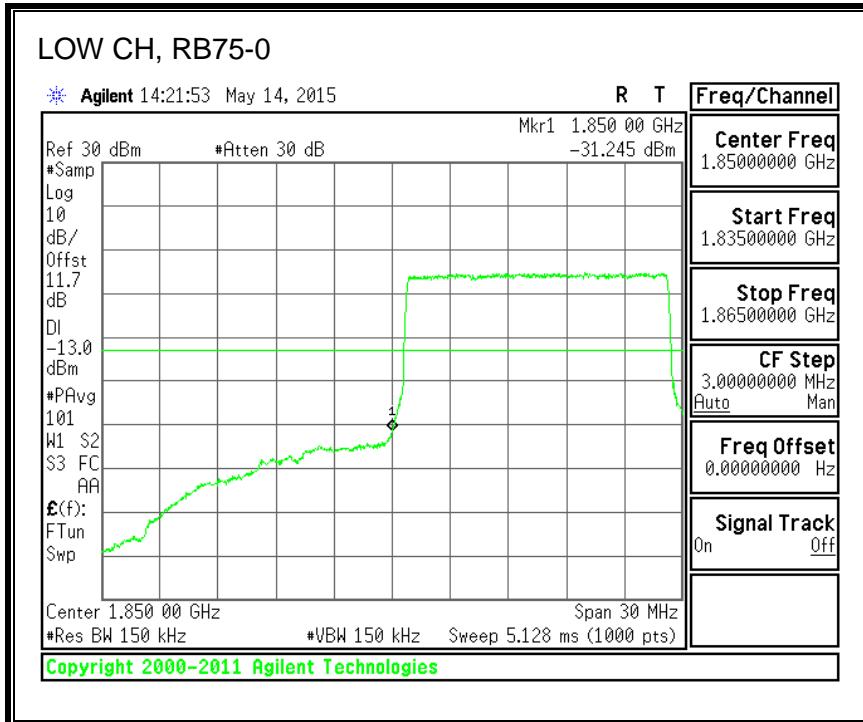


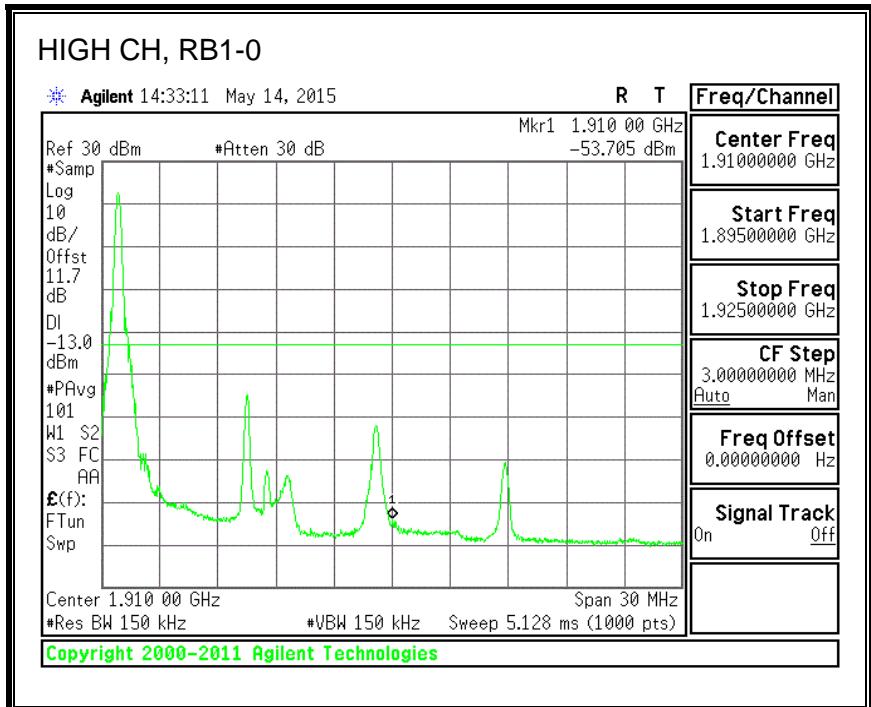
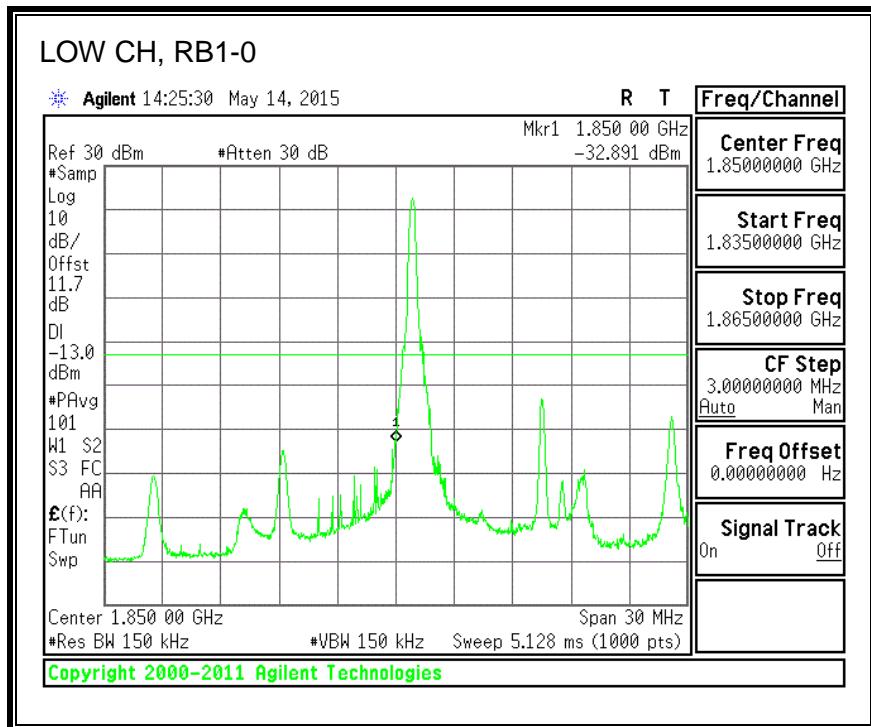


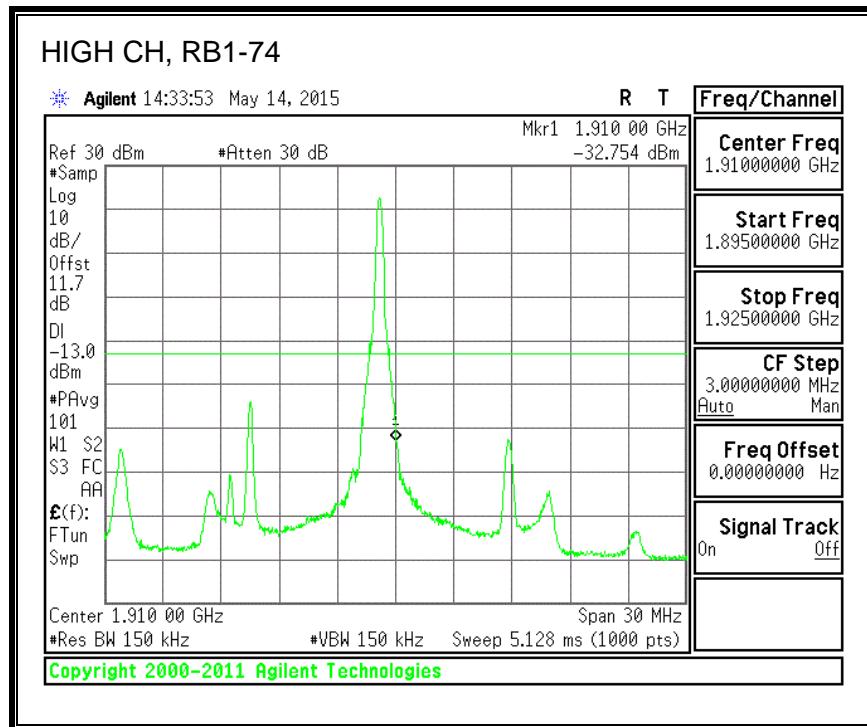
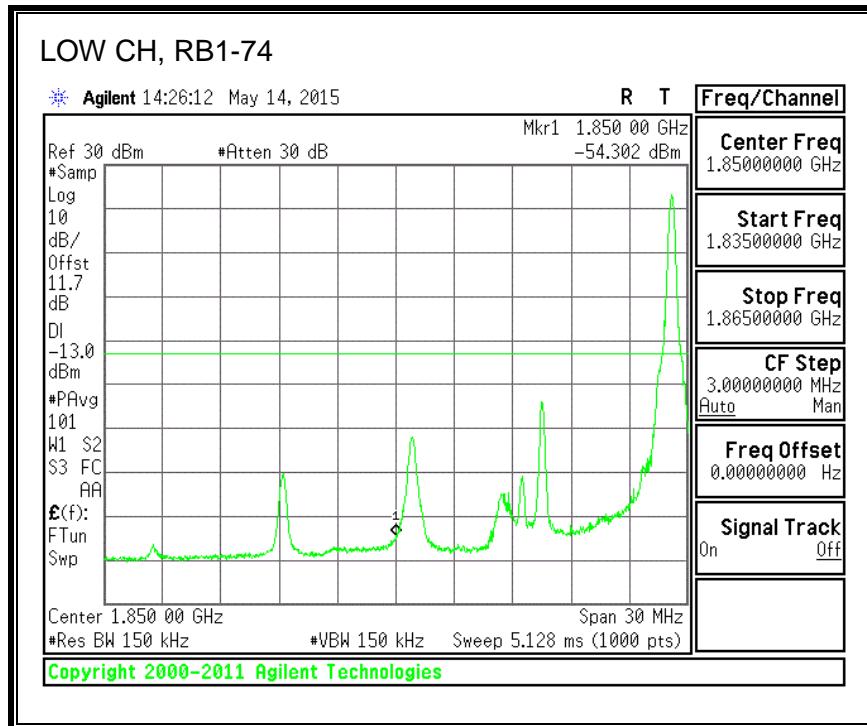
**QPSK, (15.0 MHz BAND WIDTH)**

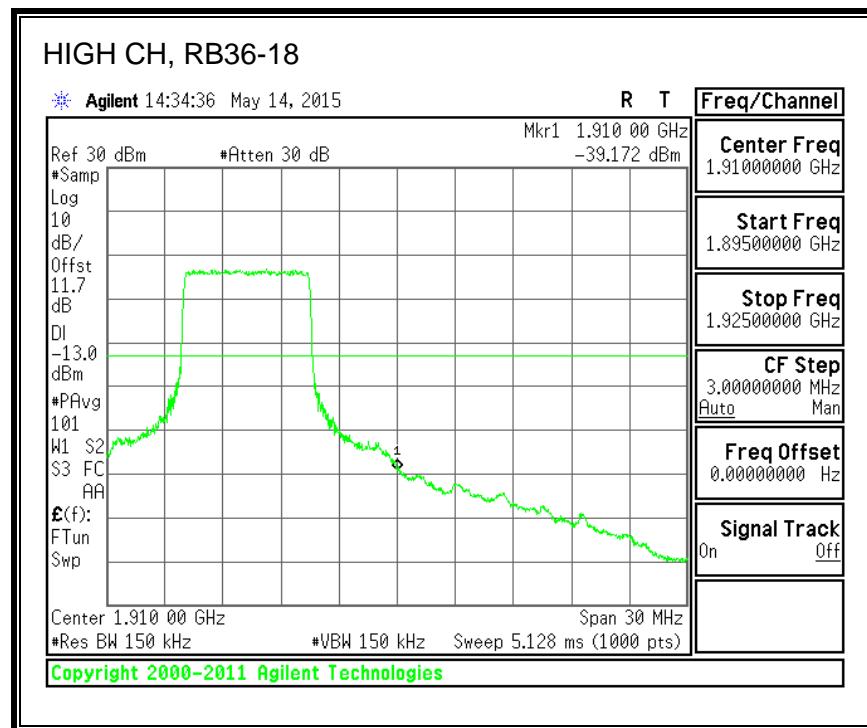
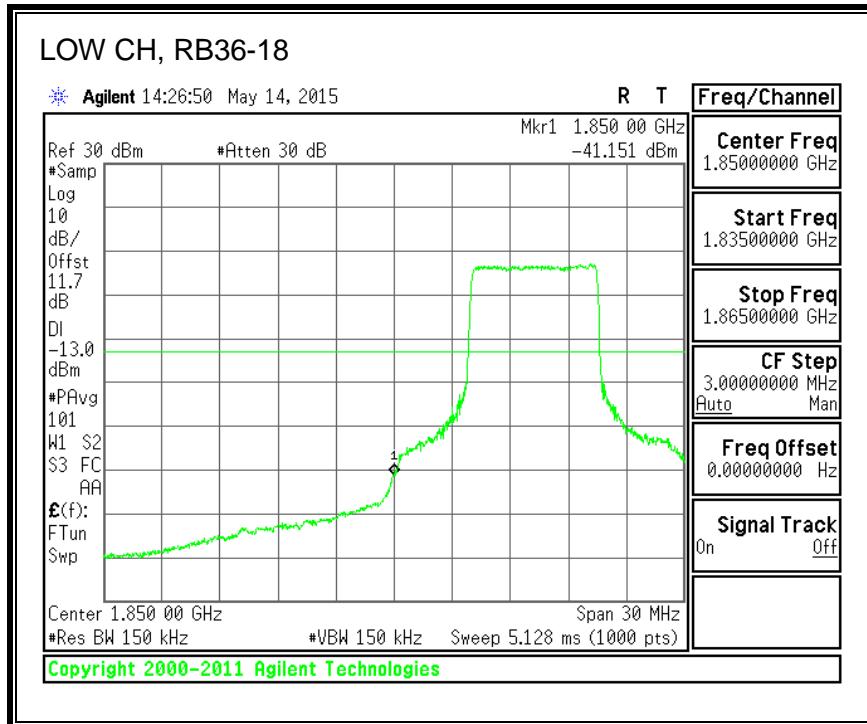


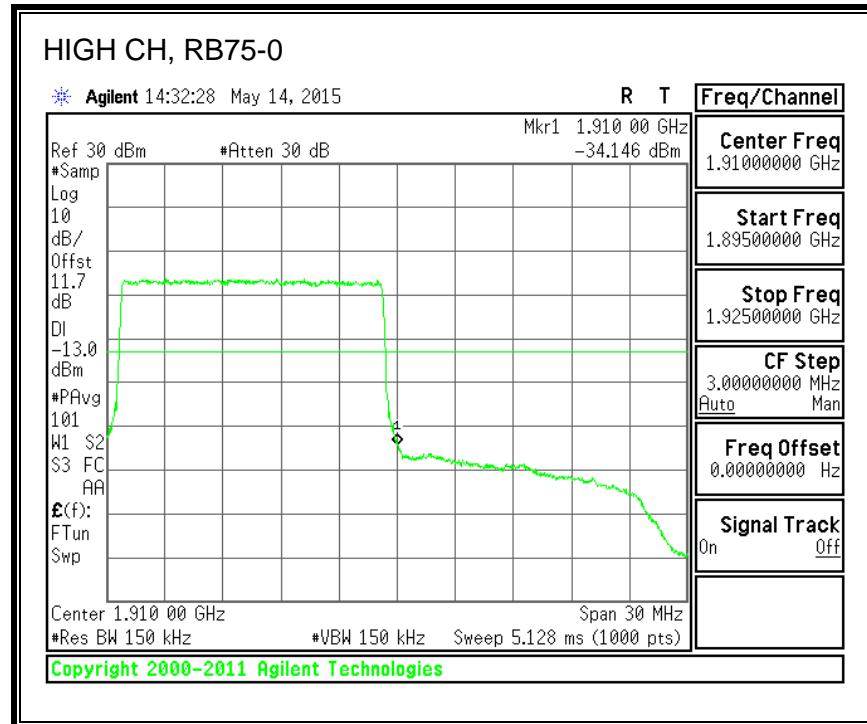
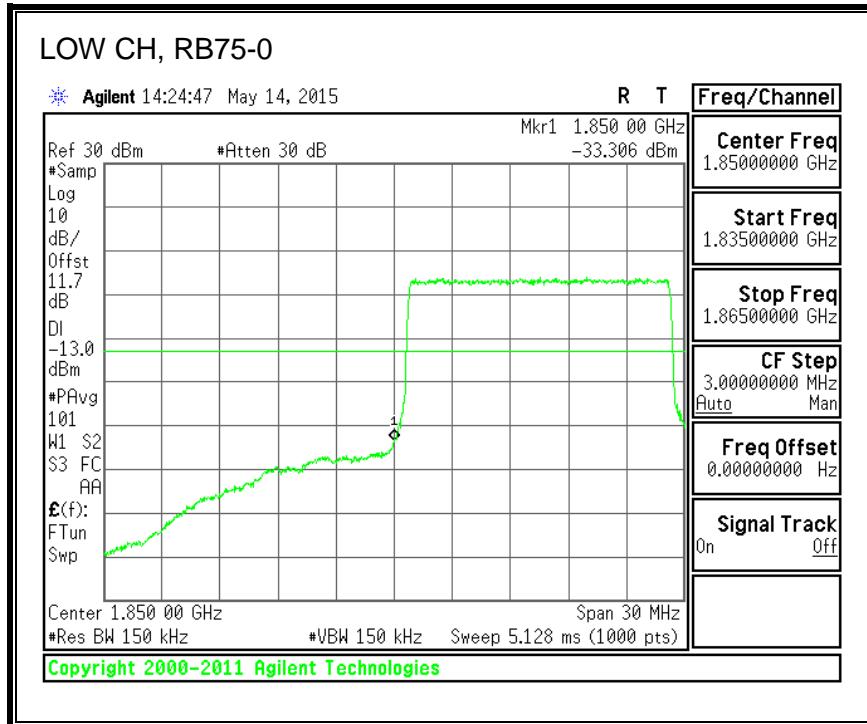


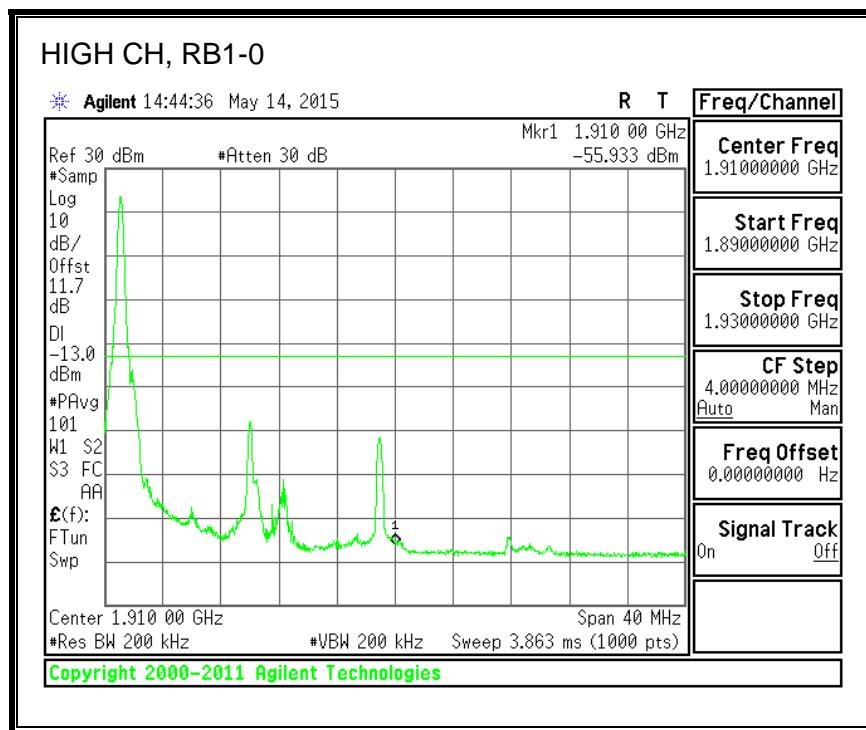
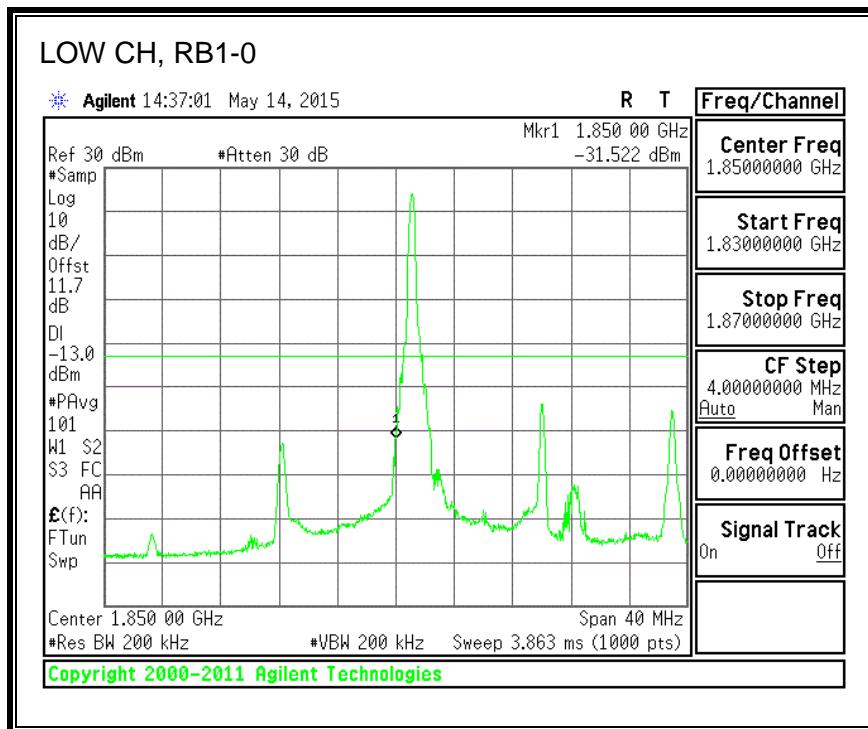


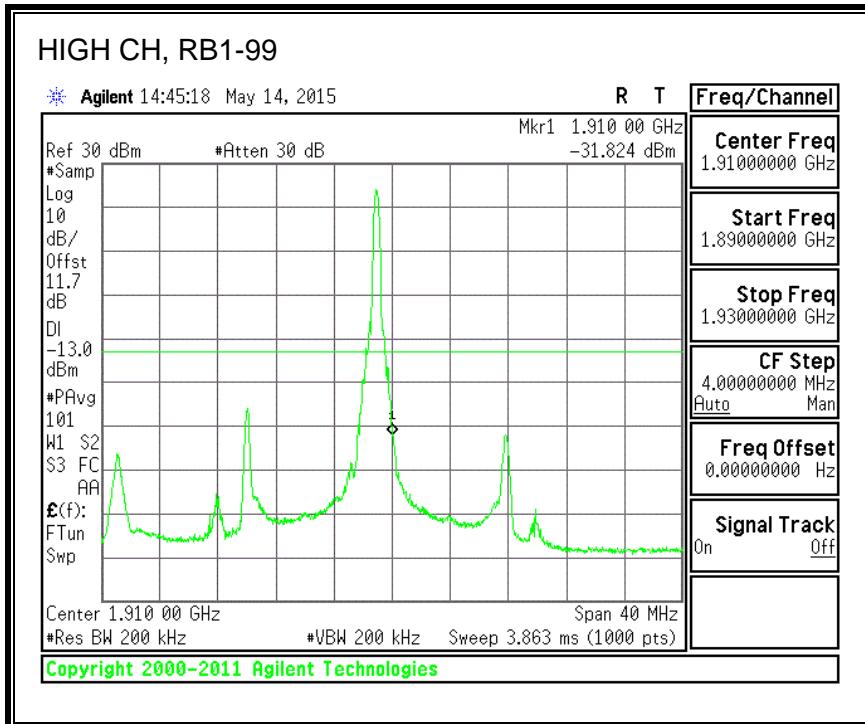
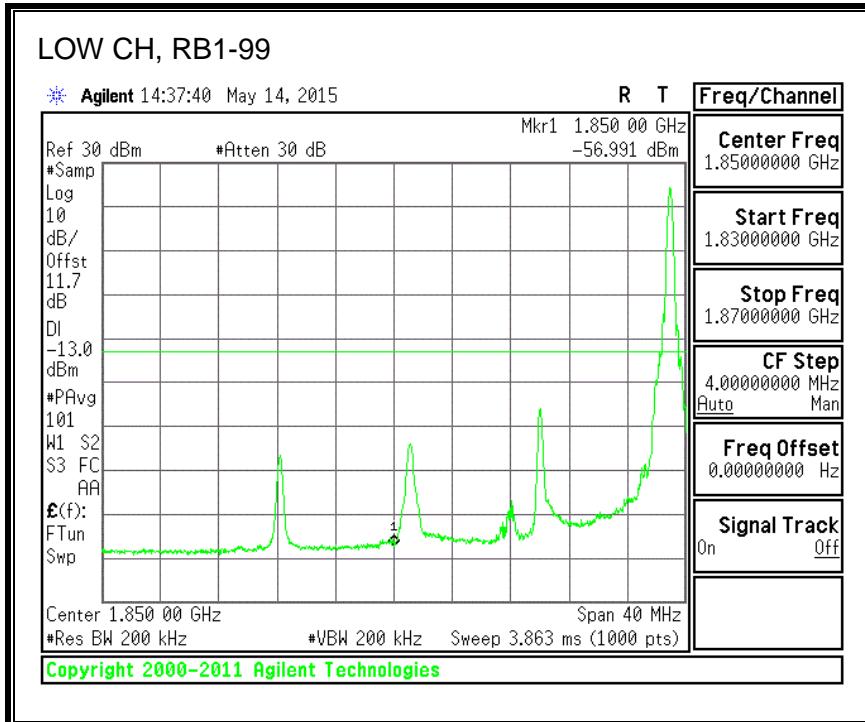
**16QAM, (15.0 MHz BAND WIDTH)**

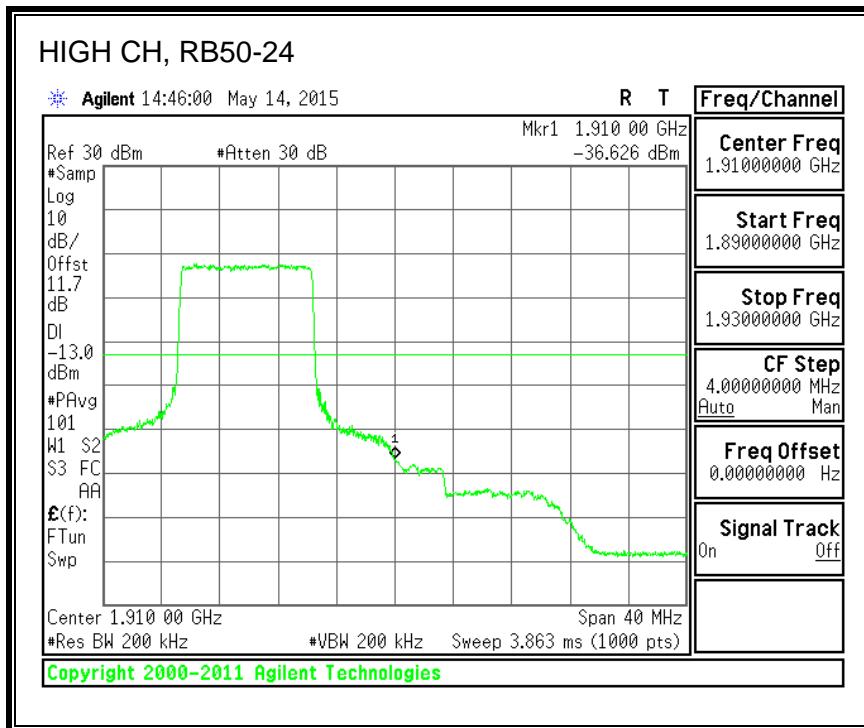
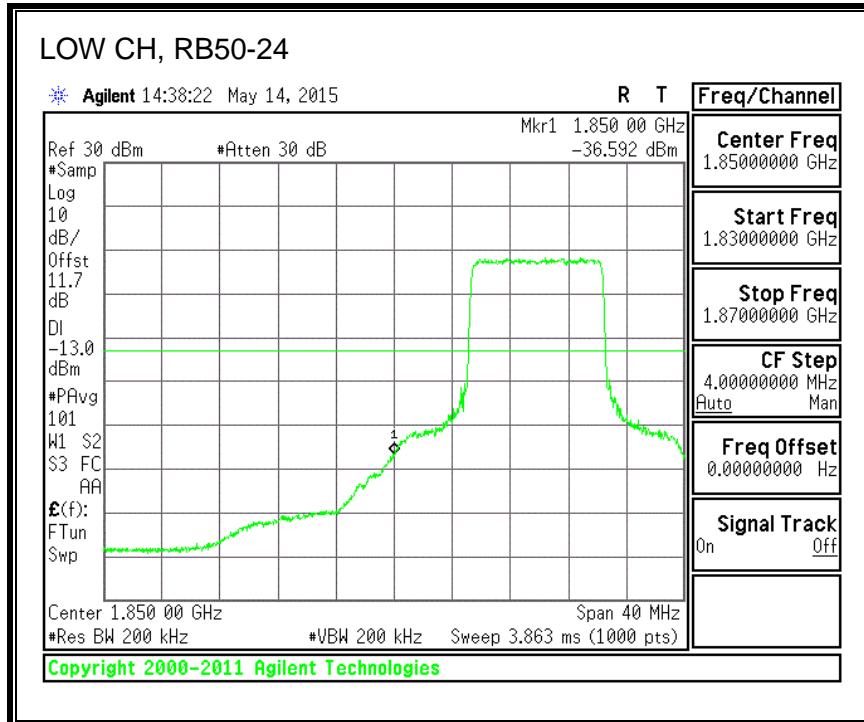


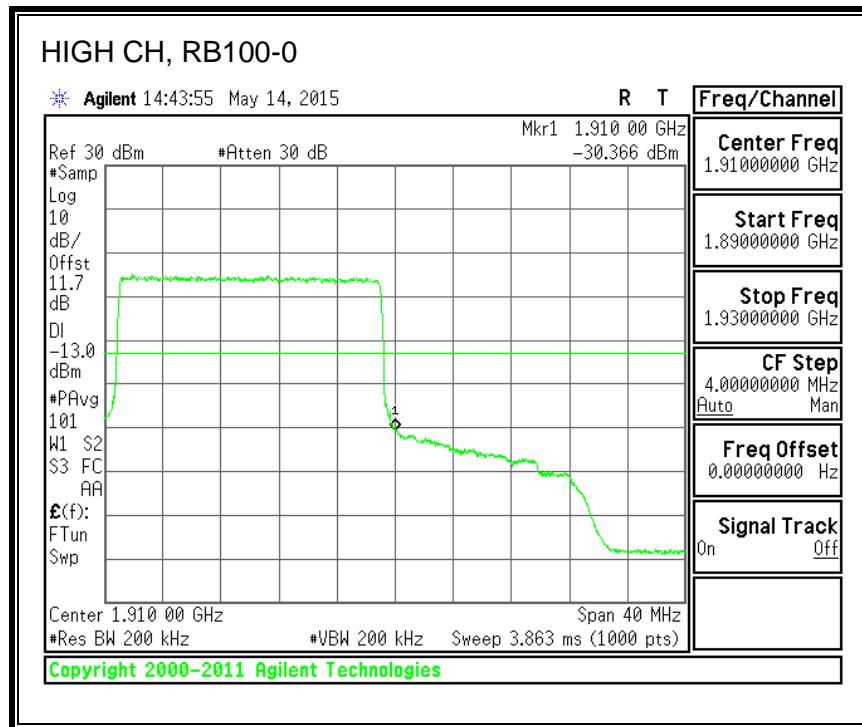
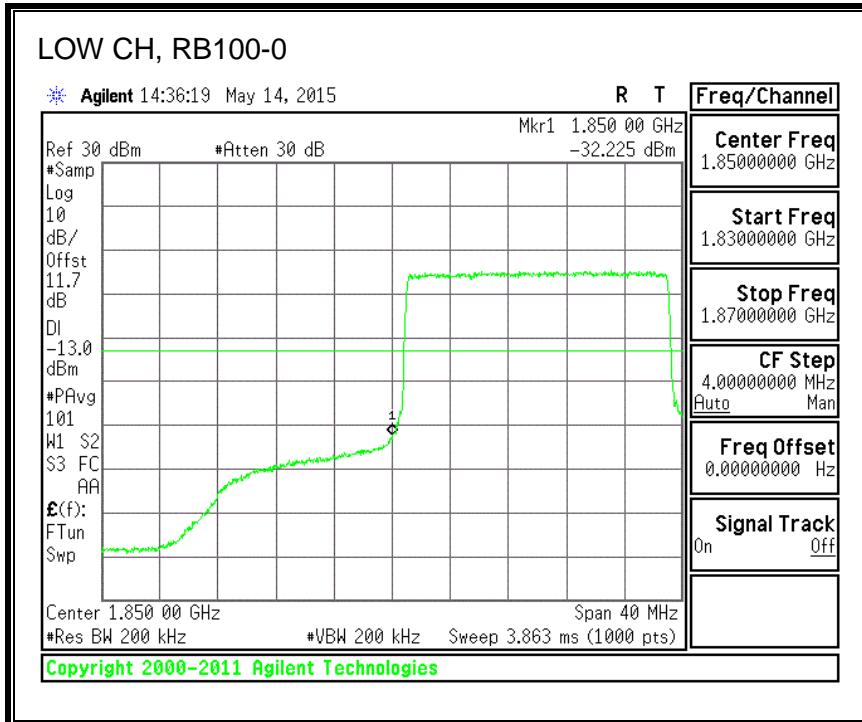


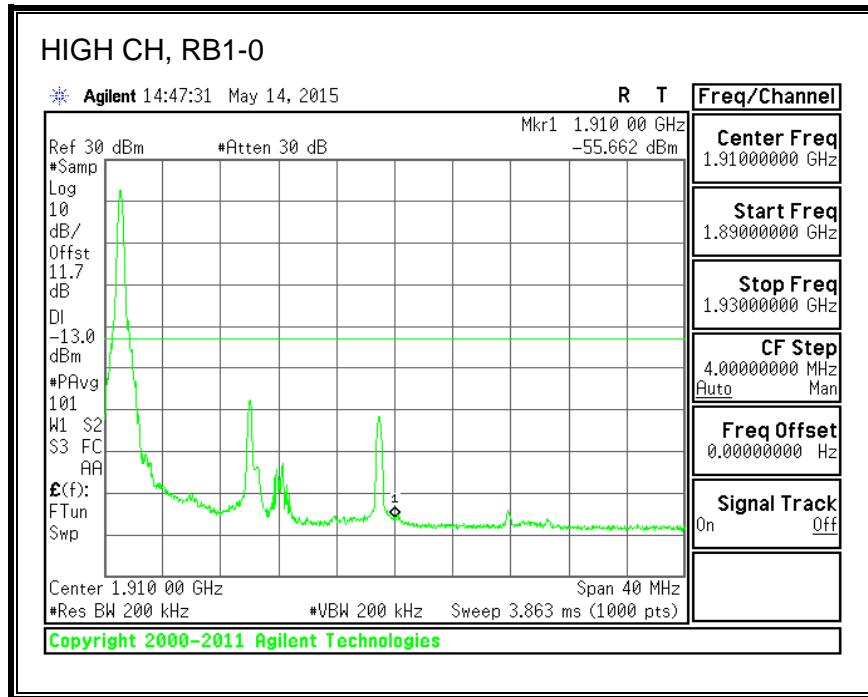
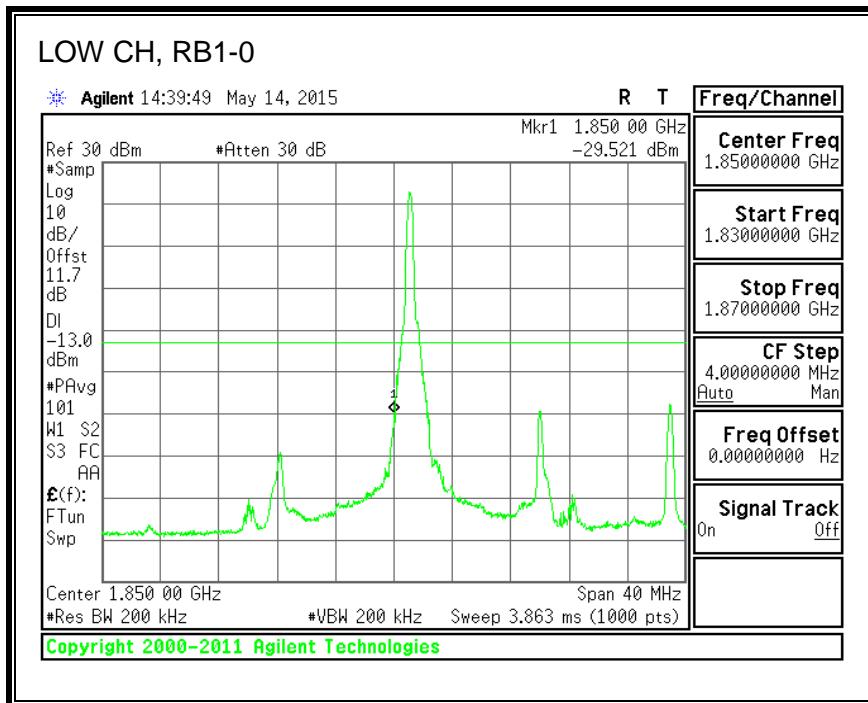


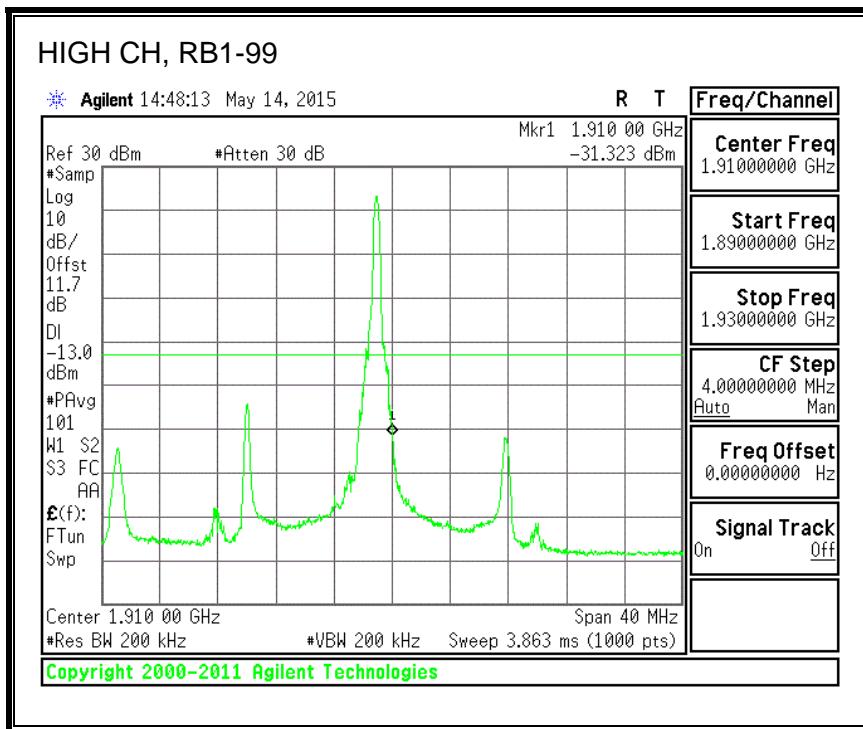
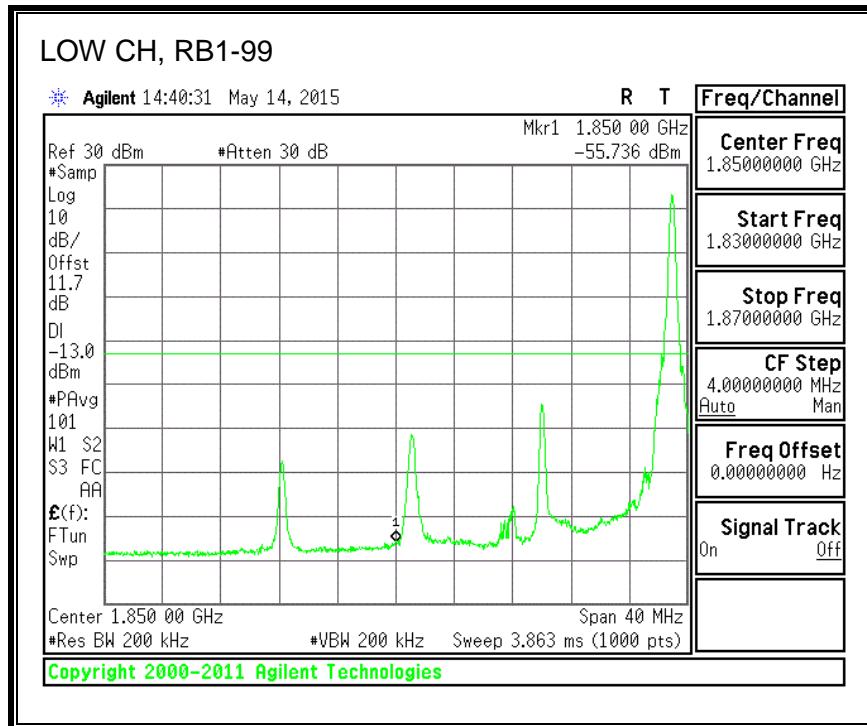
**QPSK, (20.0 MHz BAND WIDTH)**

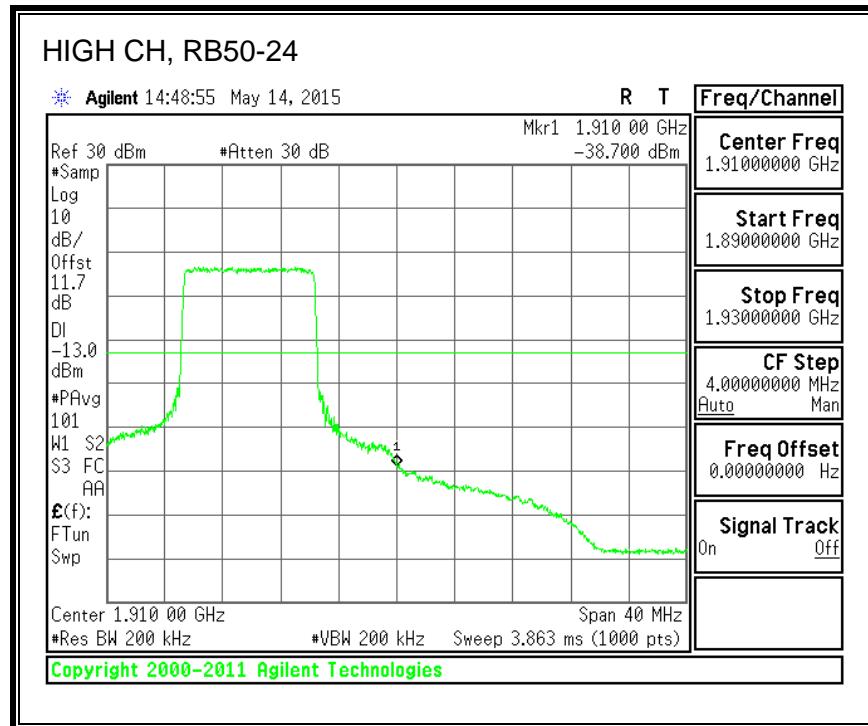
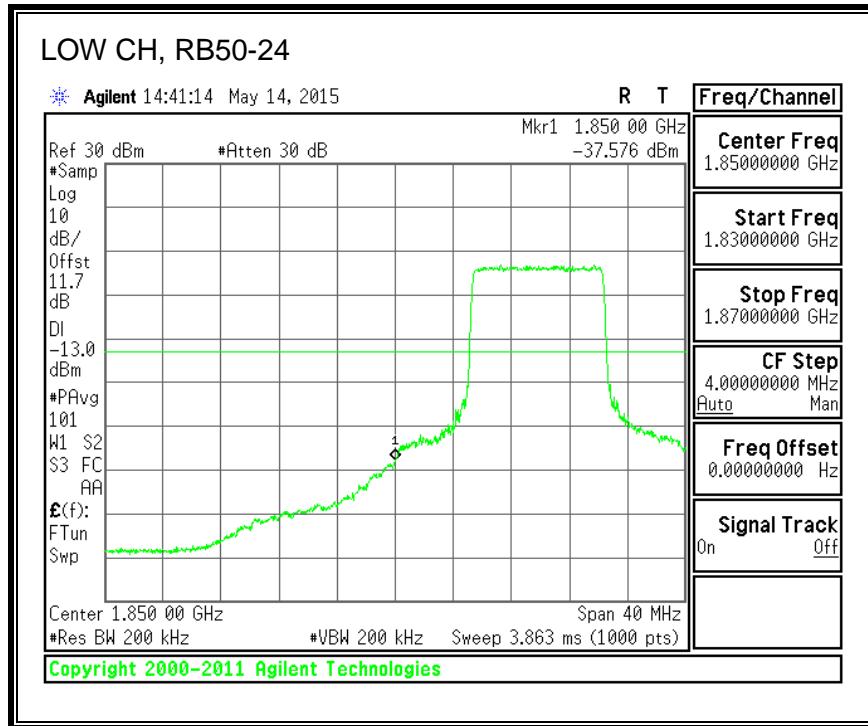


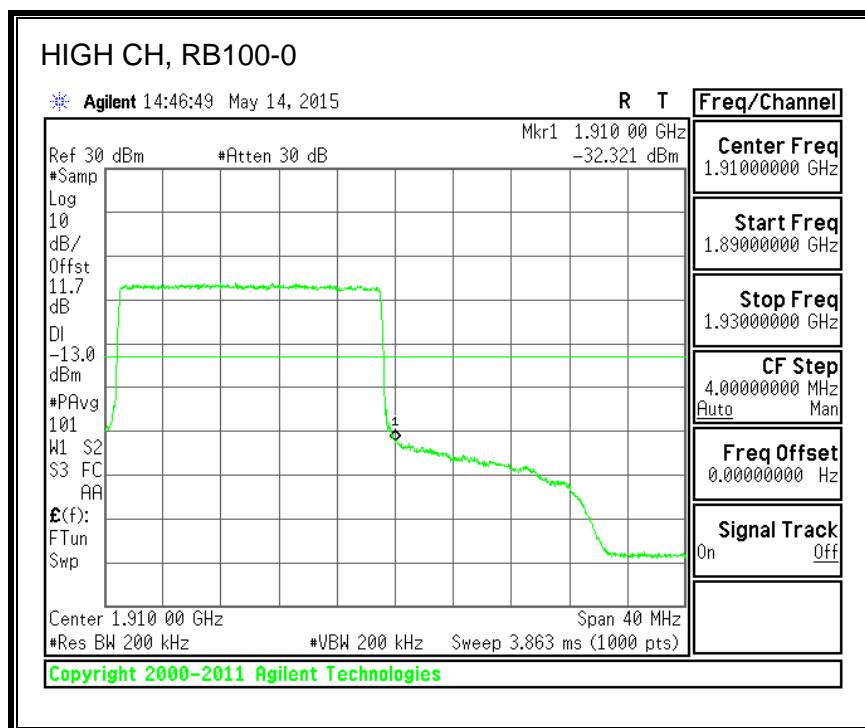
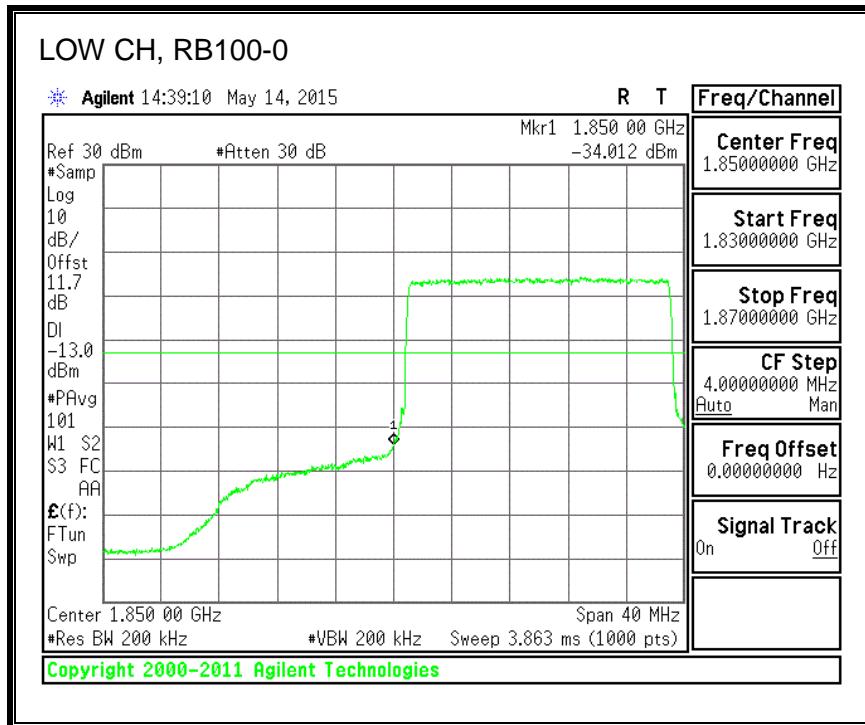




**16QAM, (20.0 MHz BAND WIDTH)**

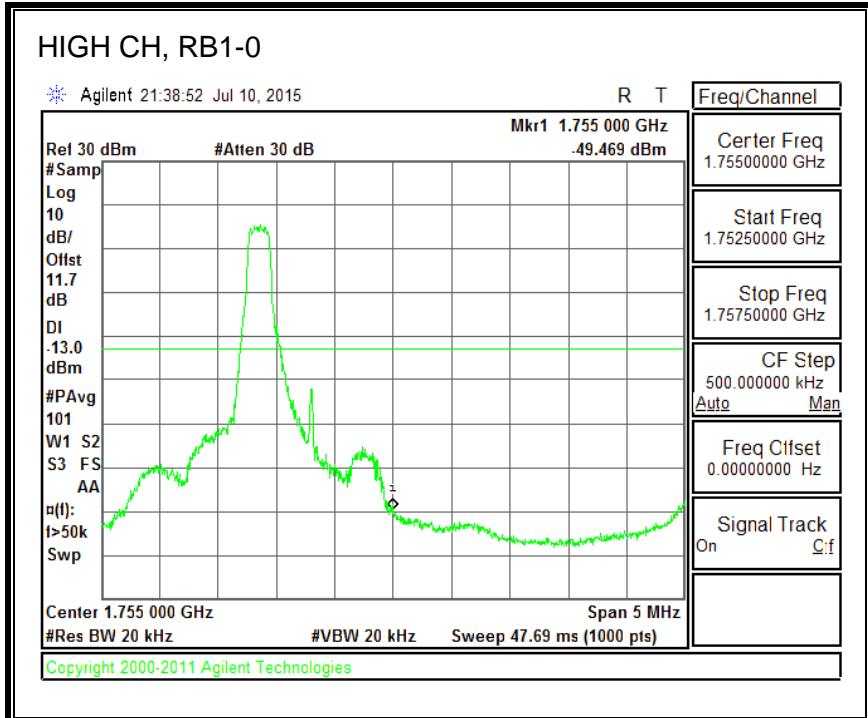
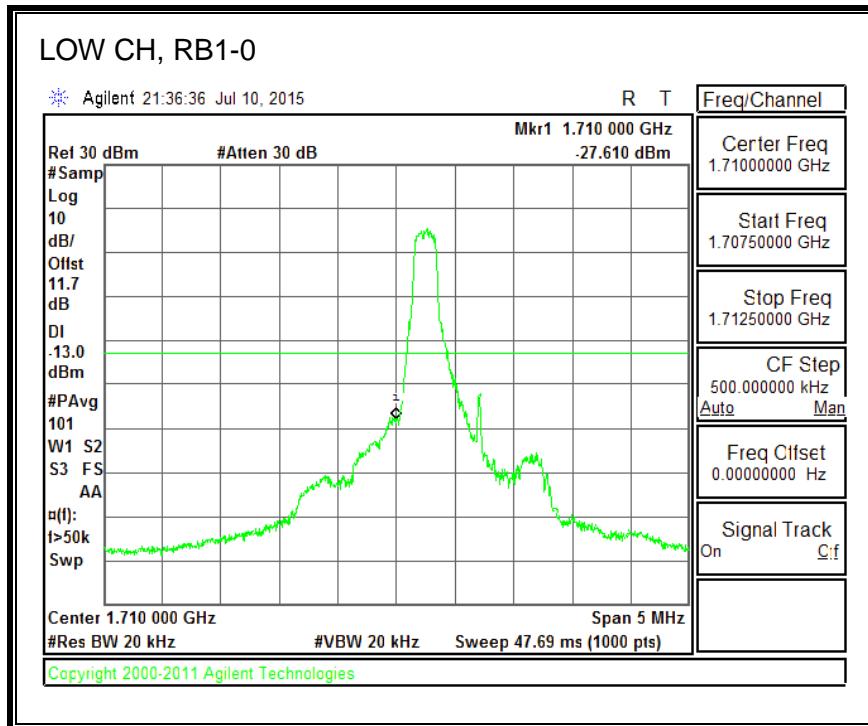


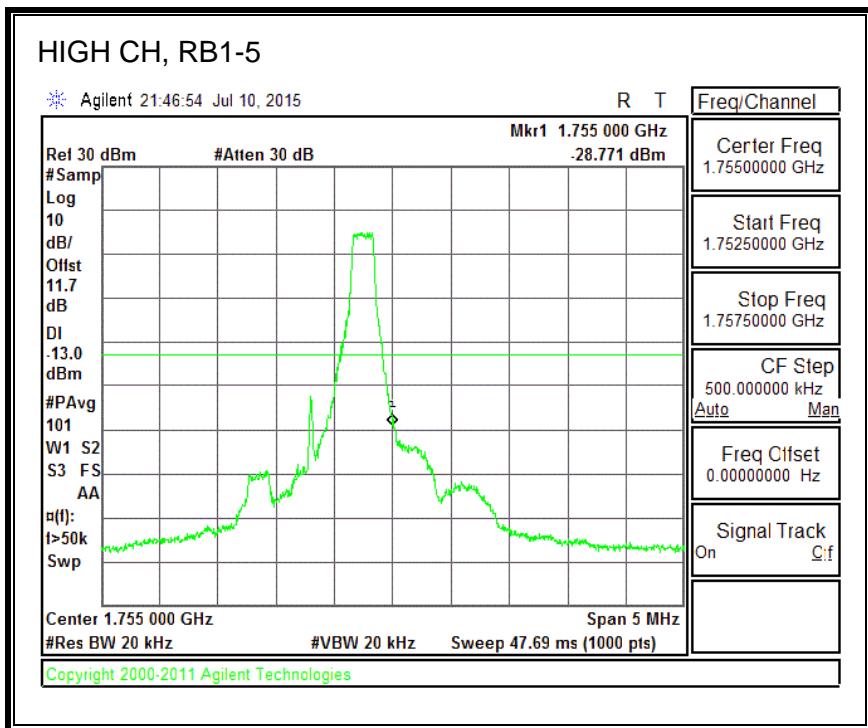
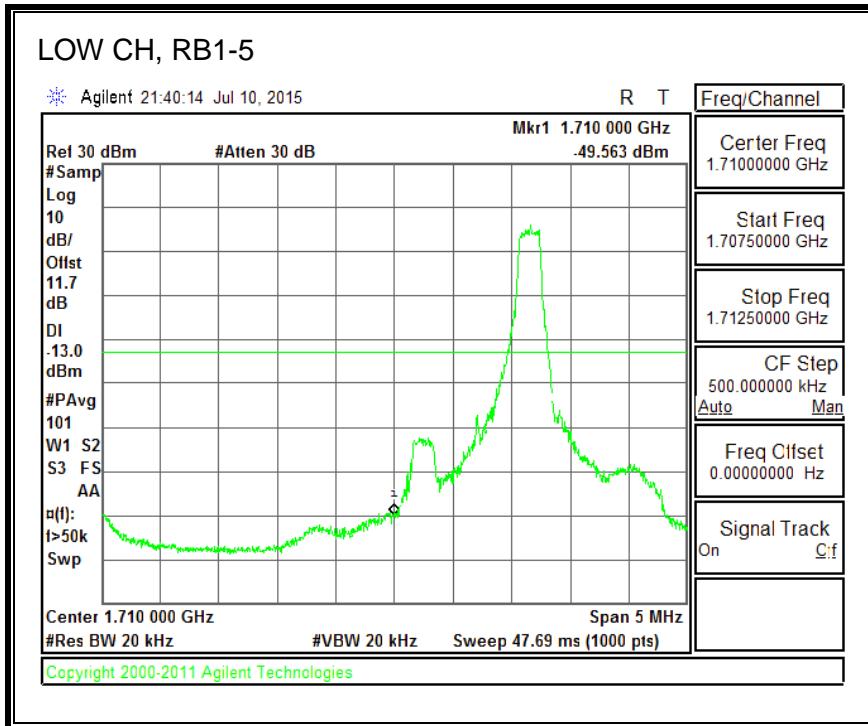


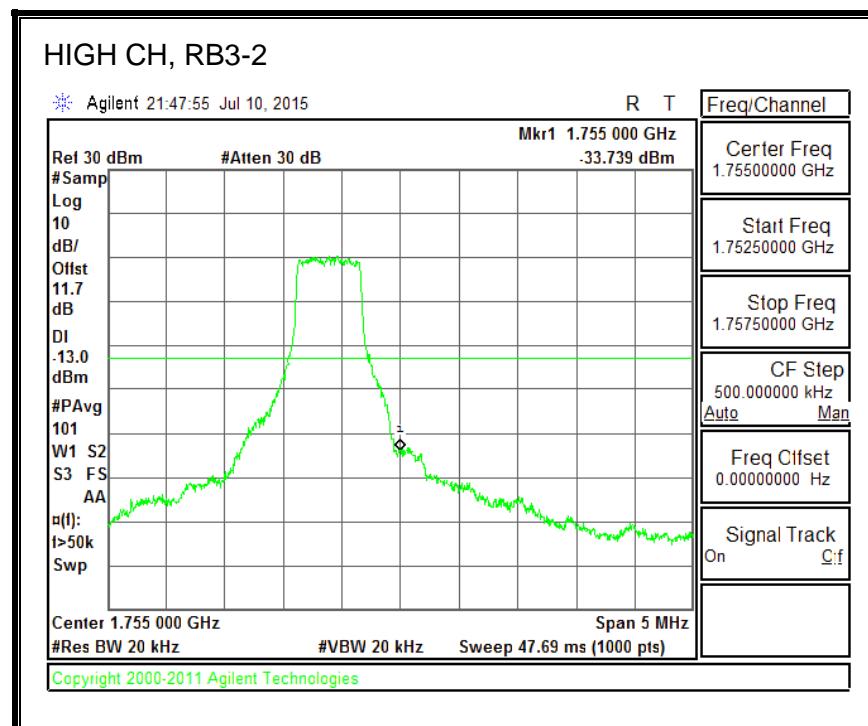
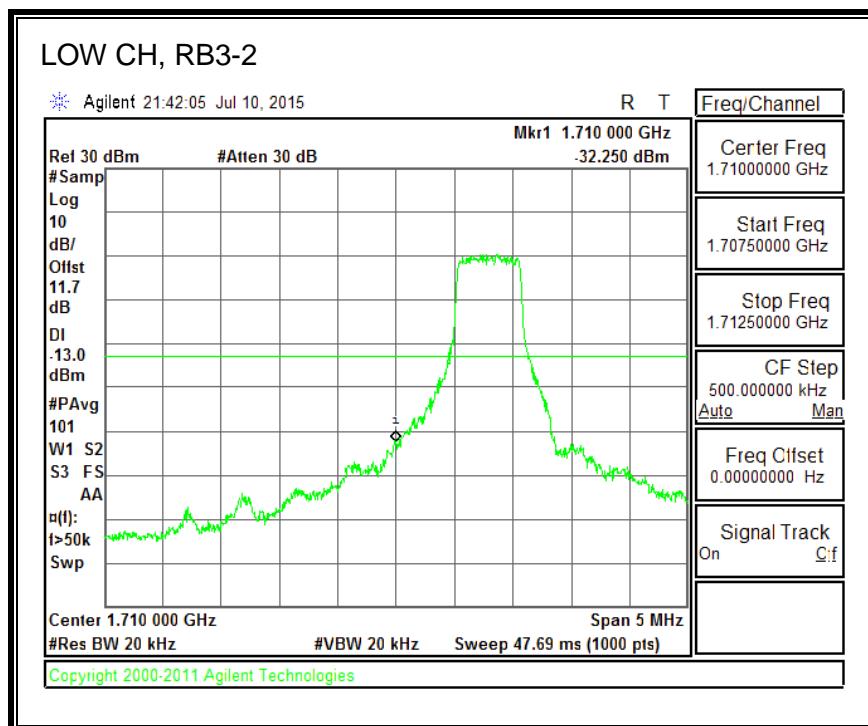


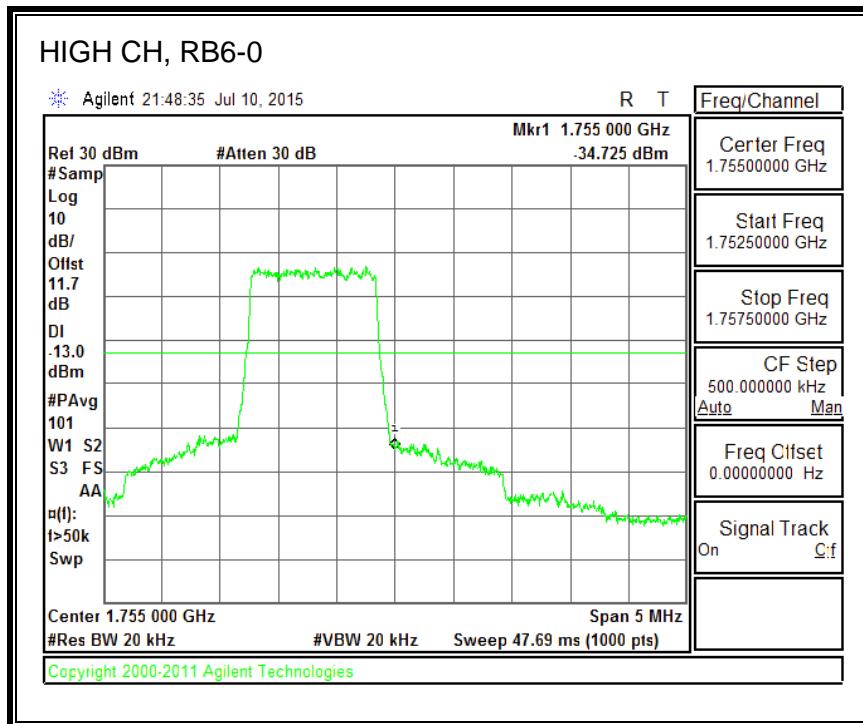
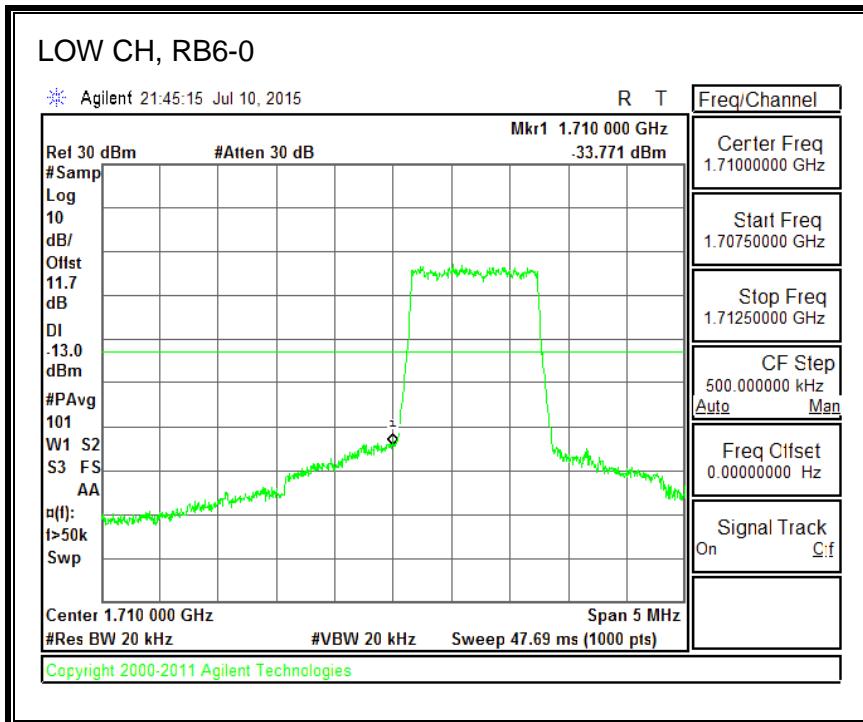
### 8.4.2. LTE BAND 4 BANDEDGE

#### QPSK, (1.4 MHz BAND WIDTH)









**16QAM, (1.4 MHz BAND WIDTH)**