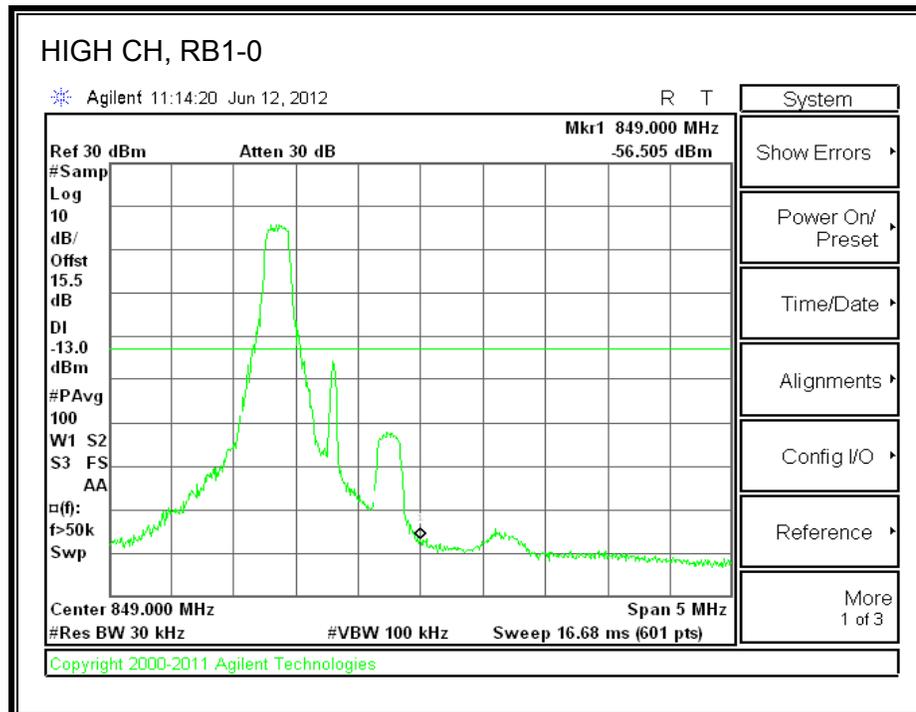
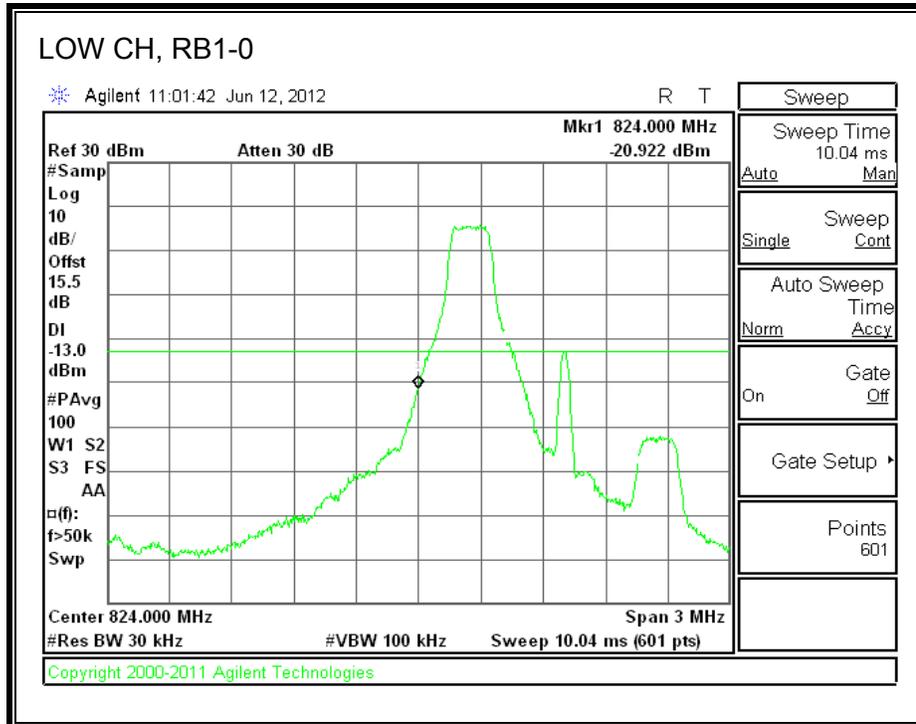
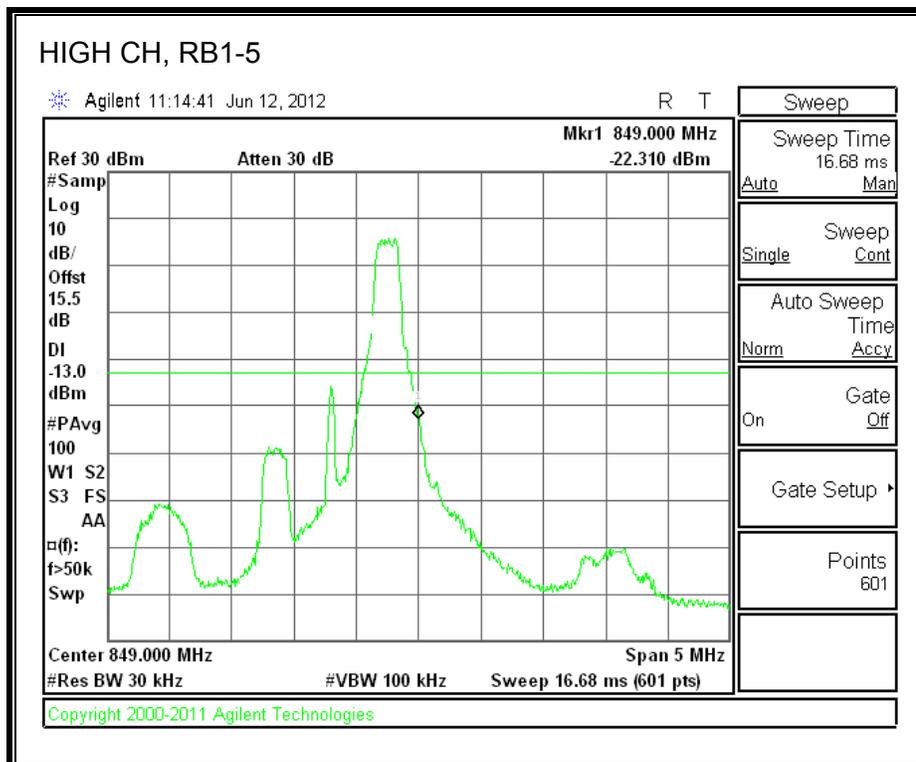
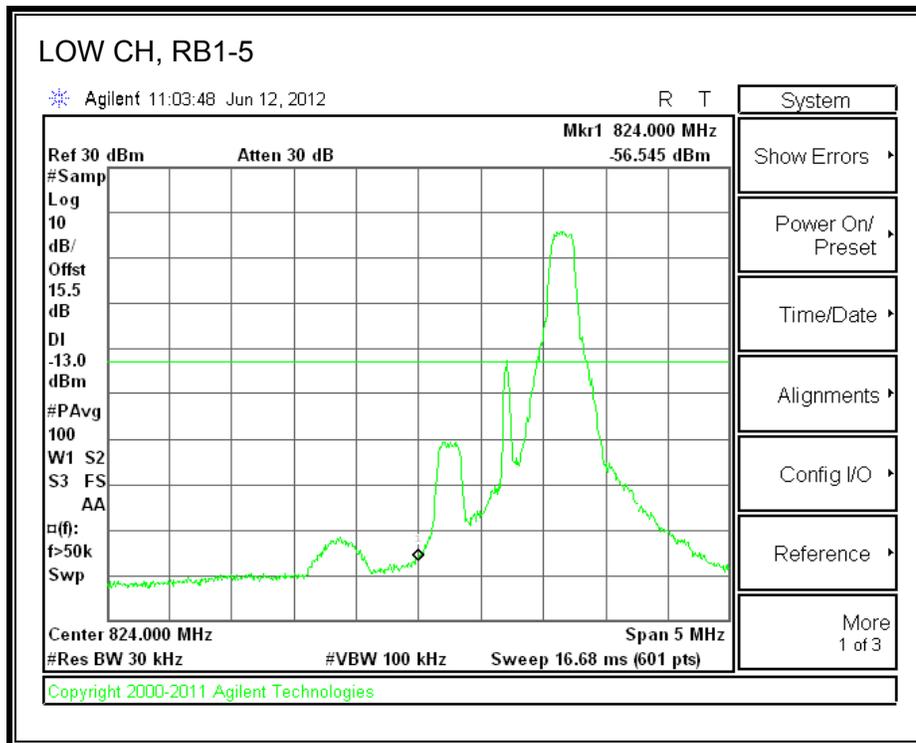
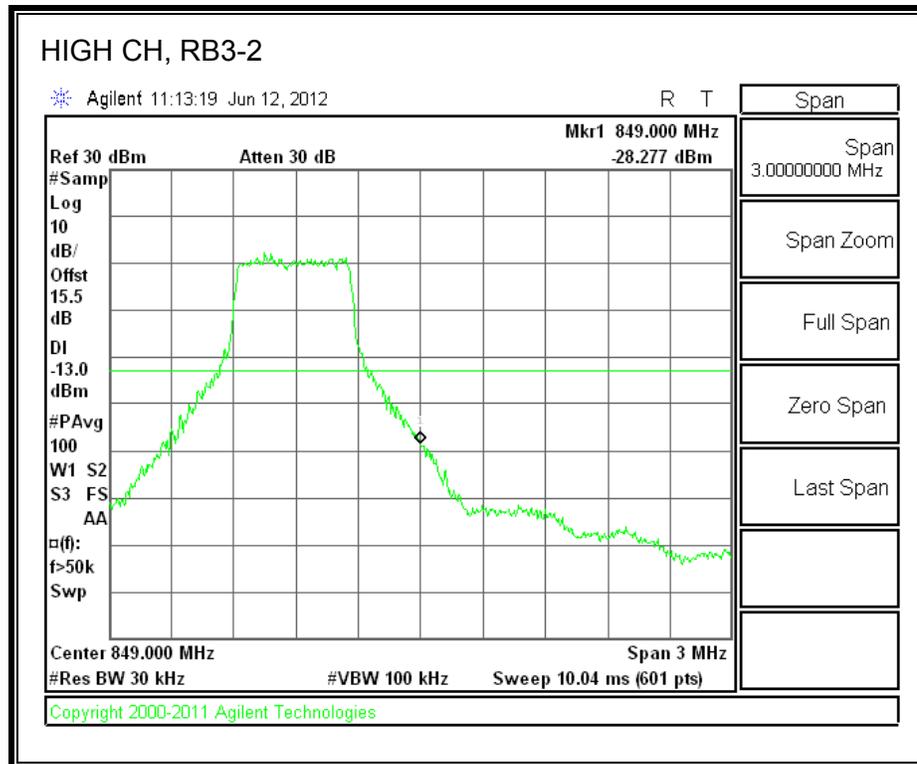
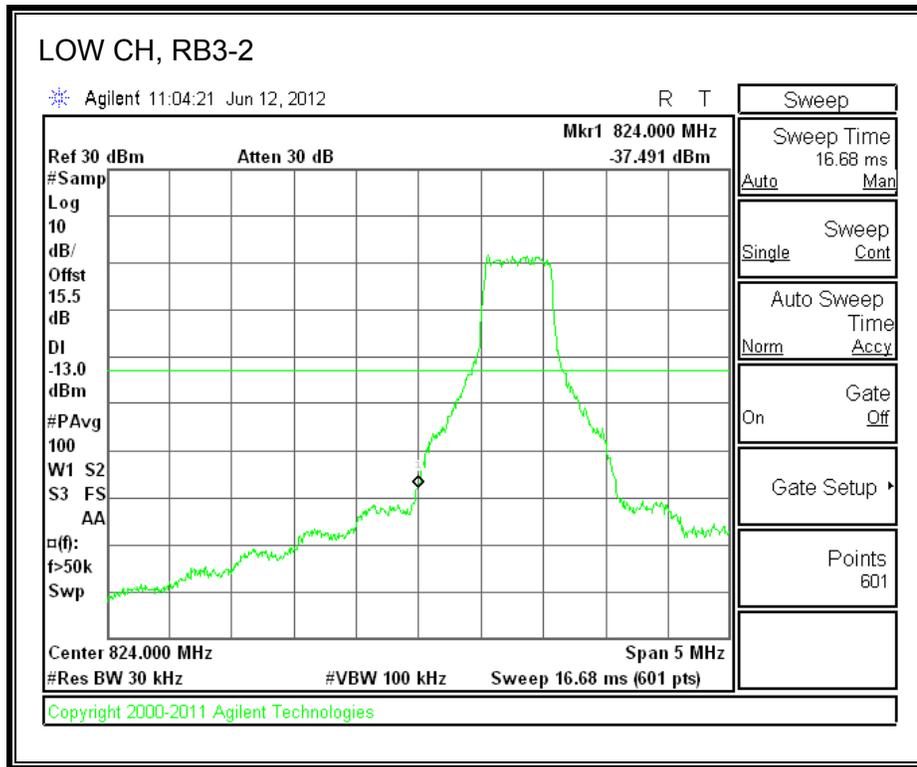


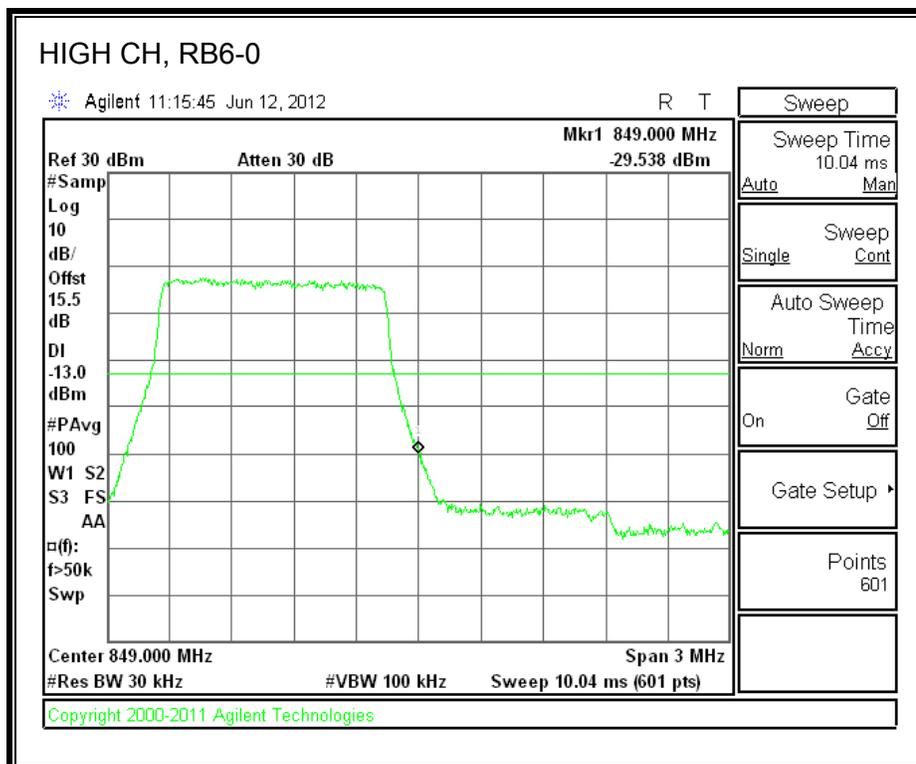
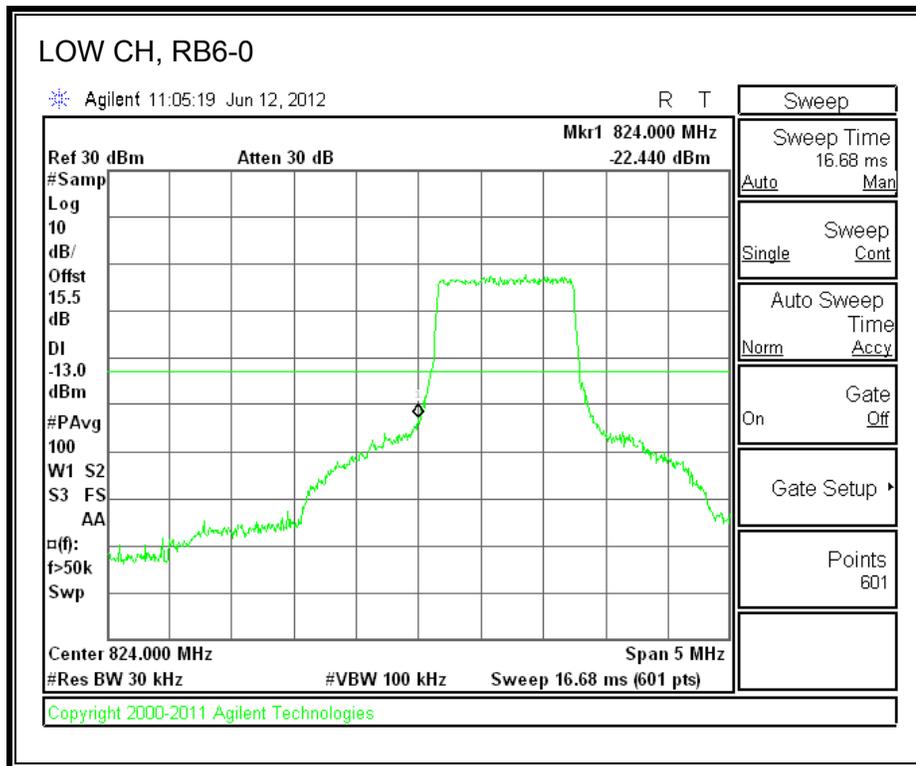
8.2.10. A1428 UAT PORT LTE BAND 5

LTE QPSK Band 5 (1.4 MHz BAND WIDTH)

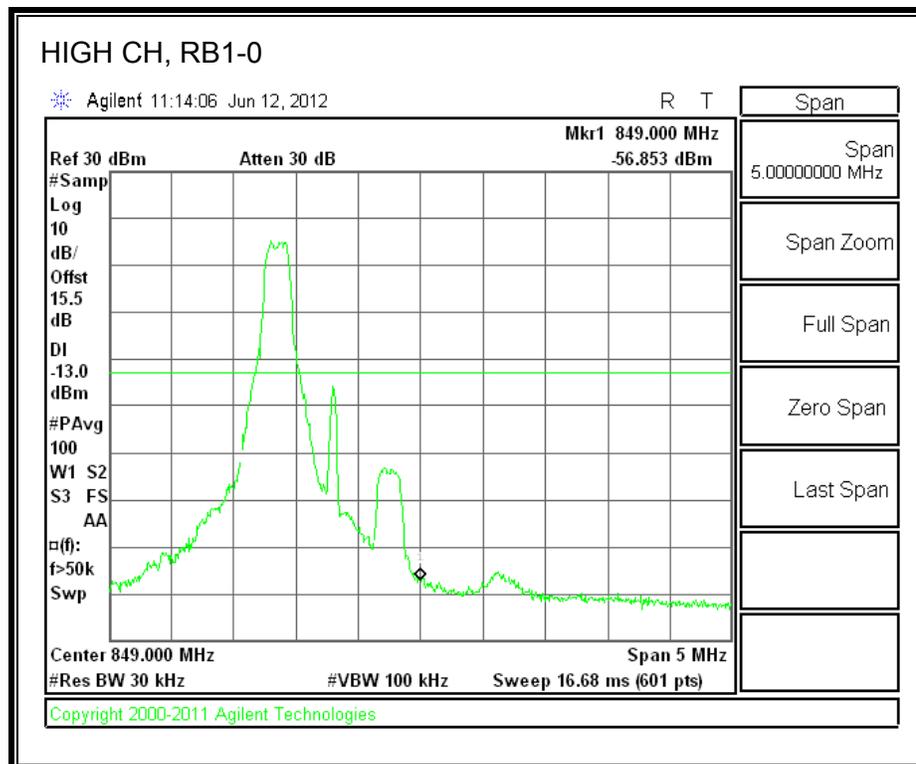
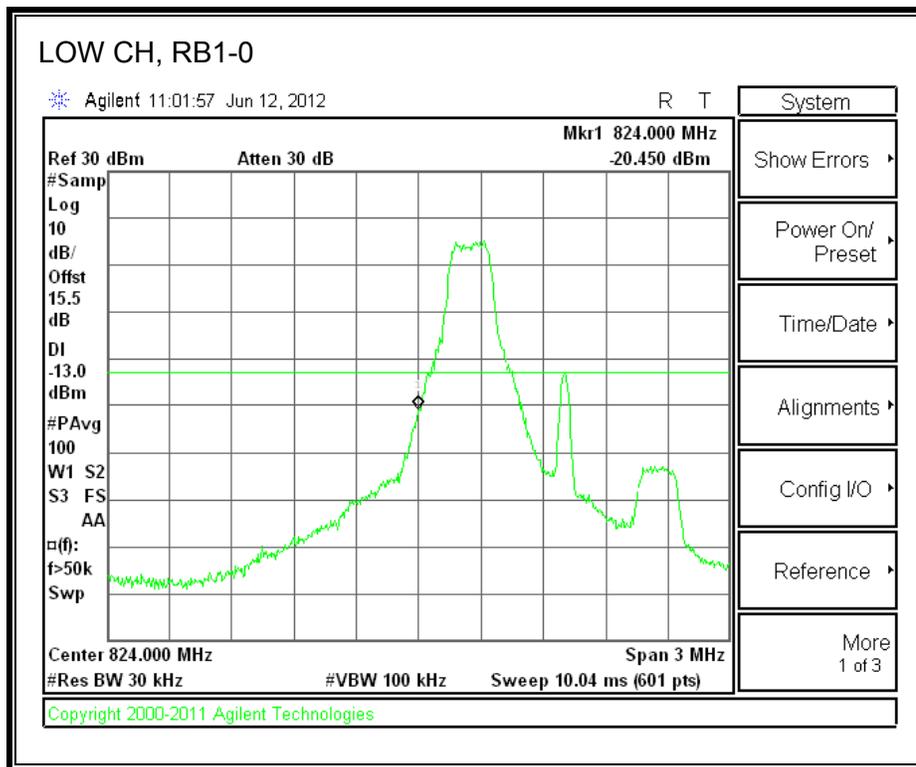


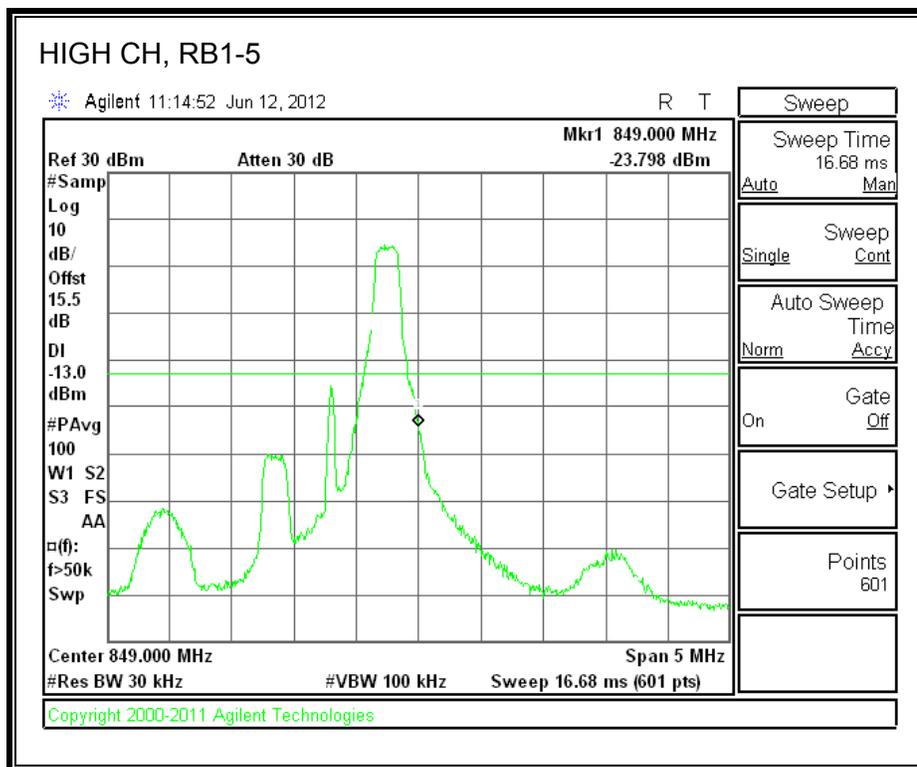
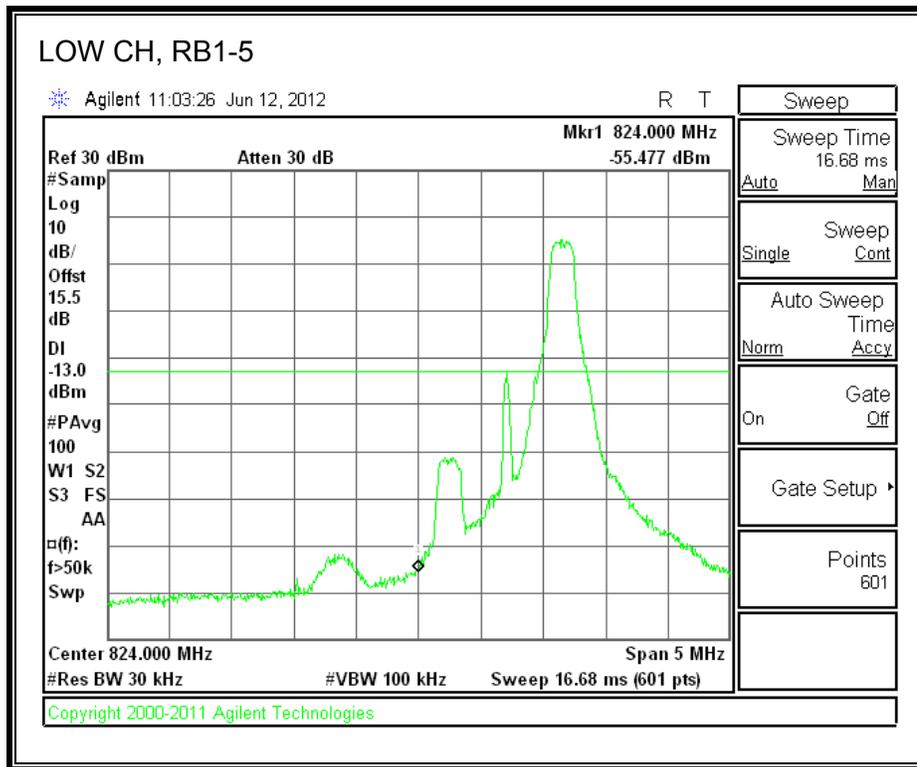


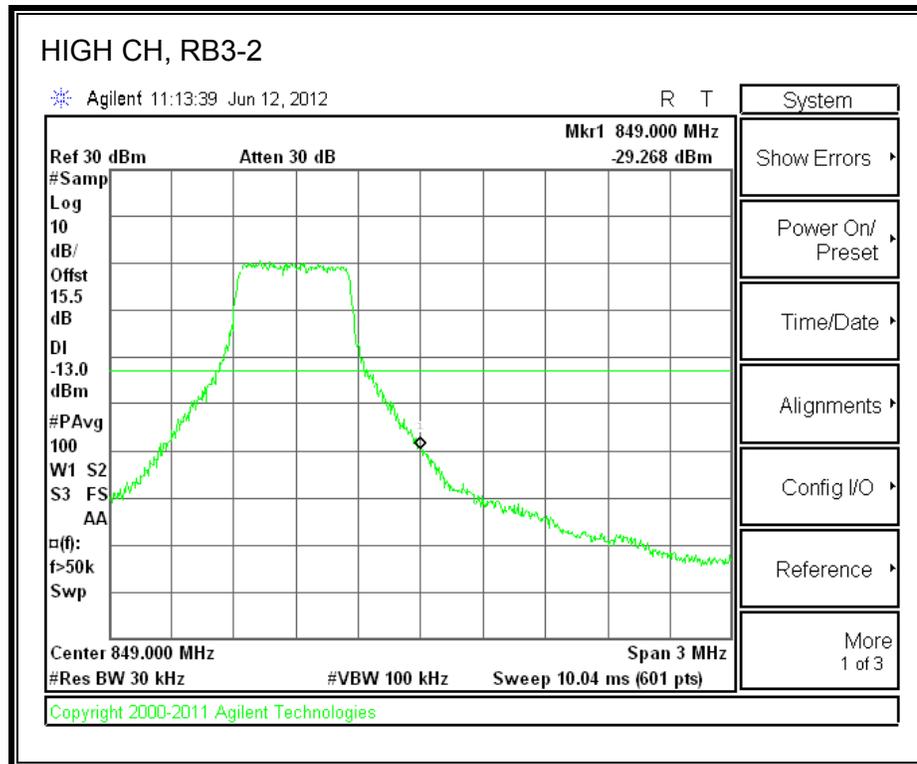
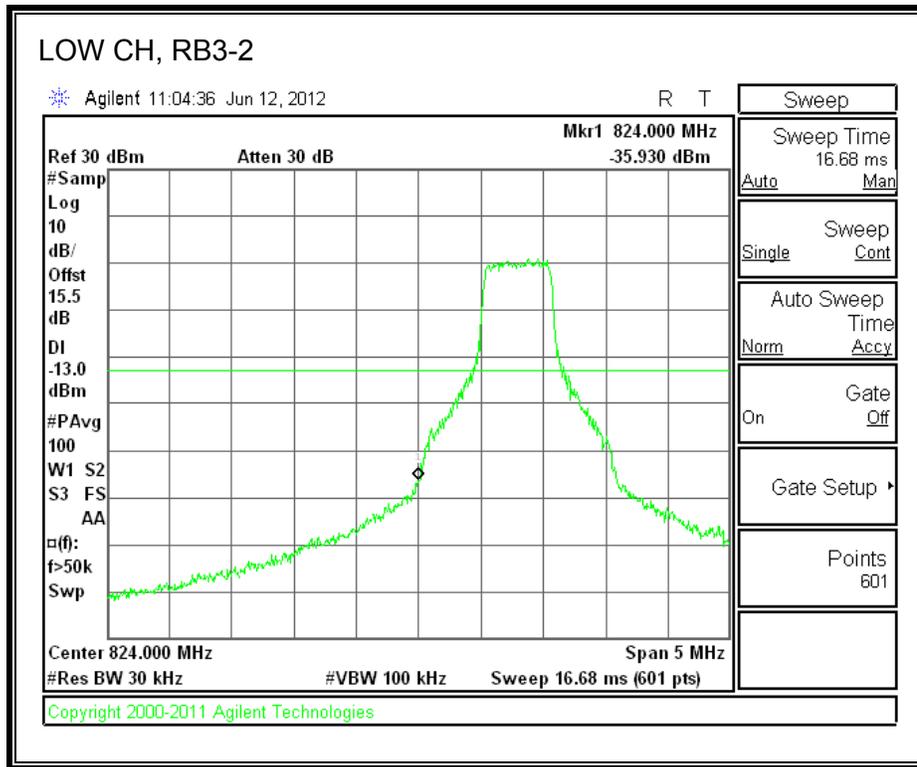


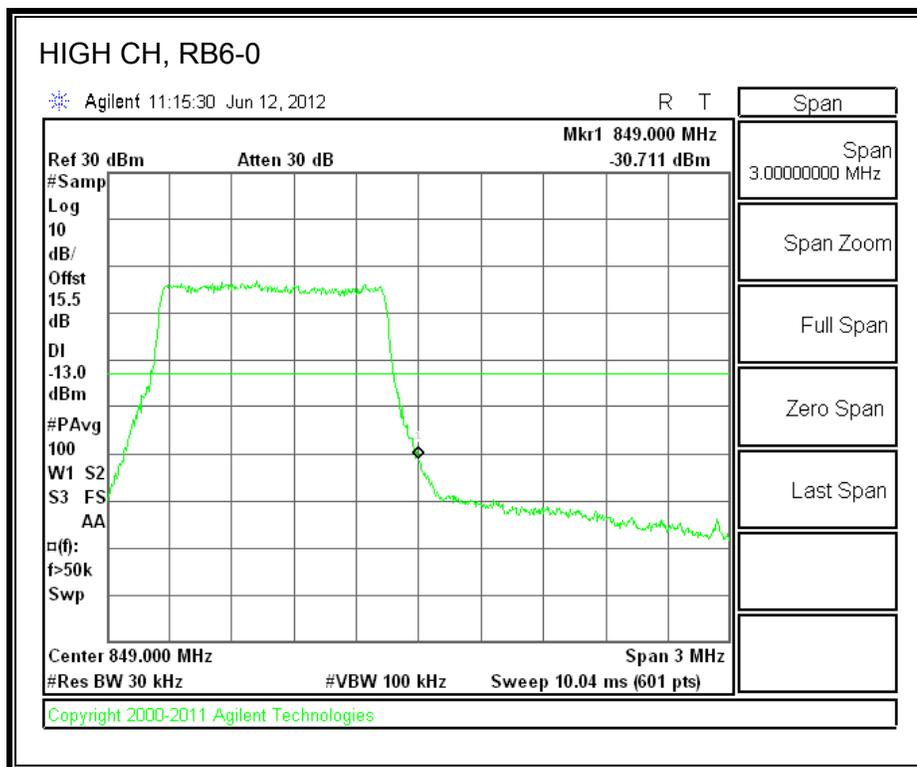
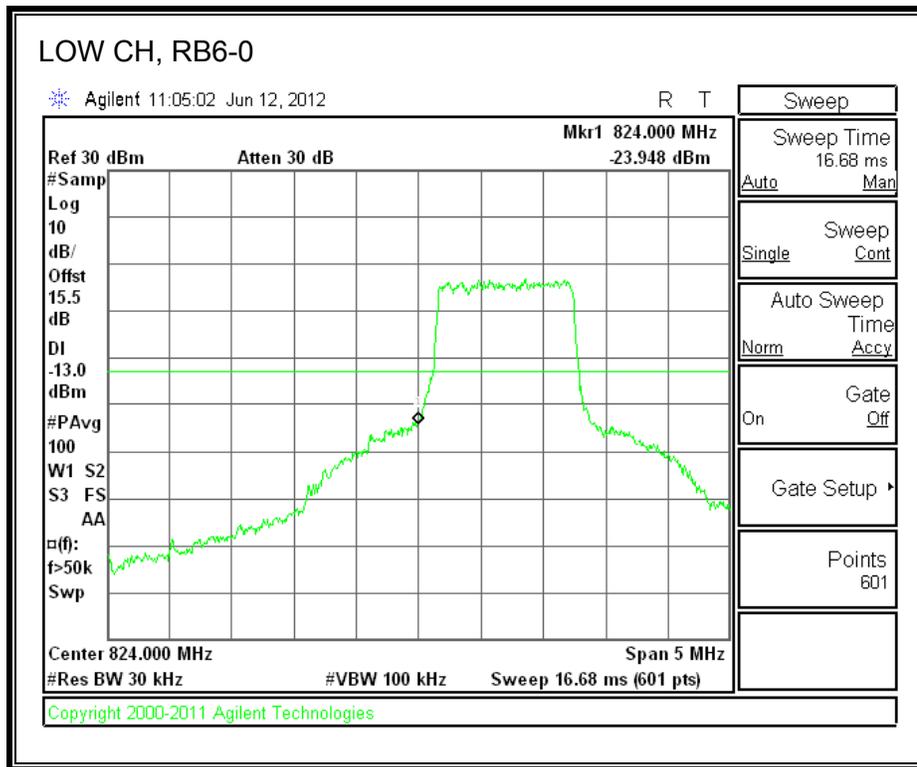


LTE 16QAM Band 4 (1.4 MHz BAND WIDTH)

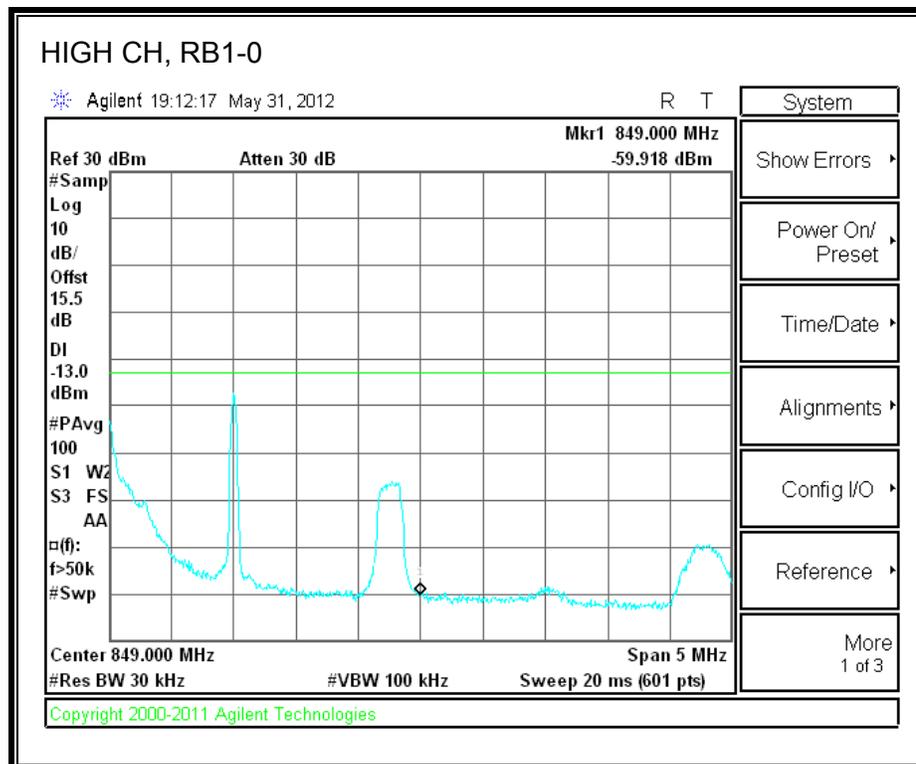
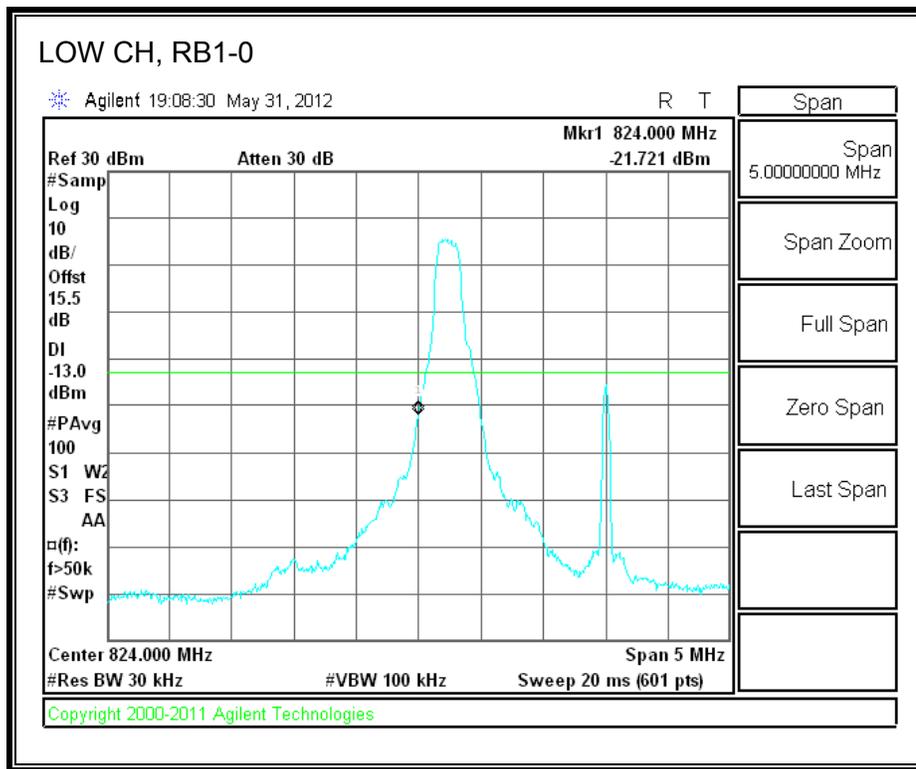


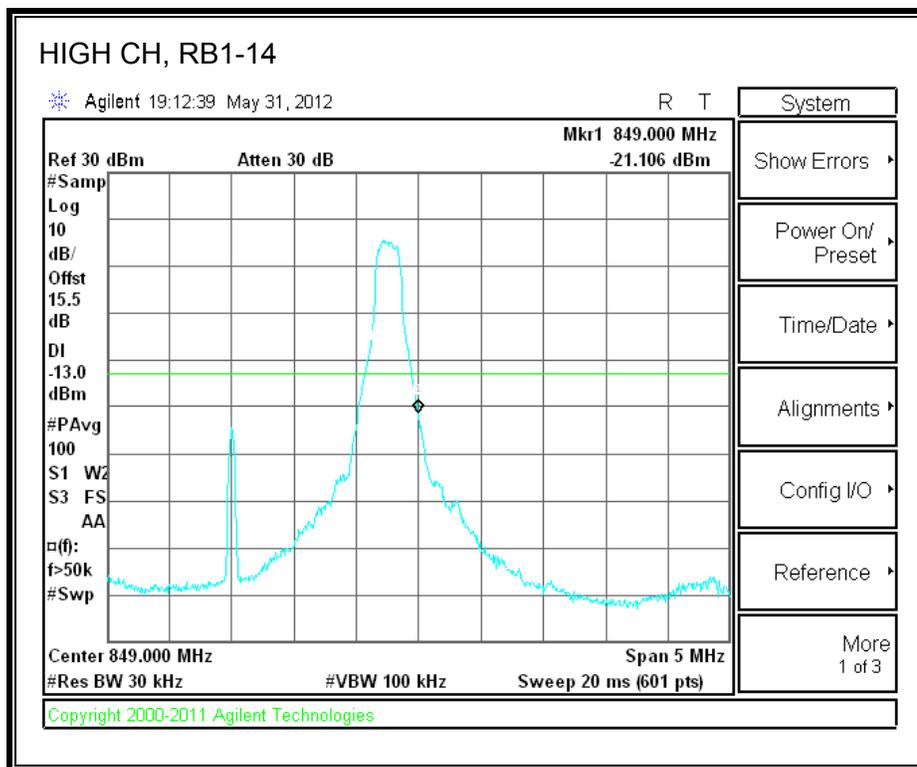
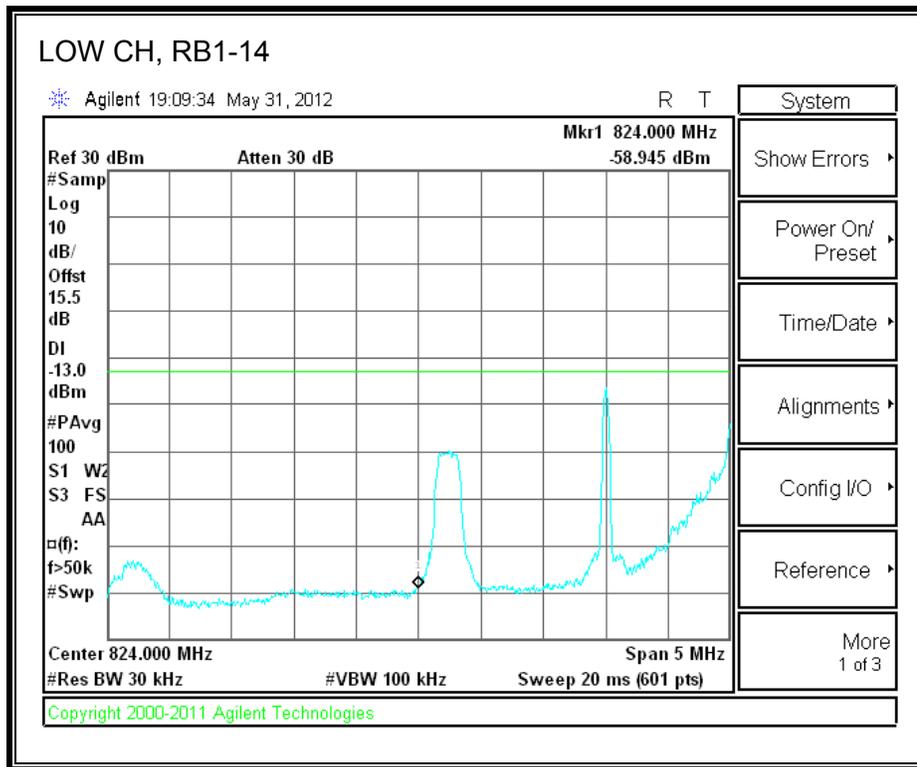


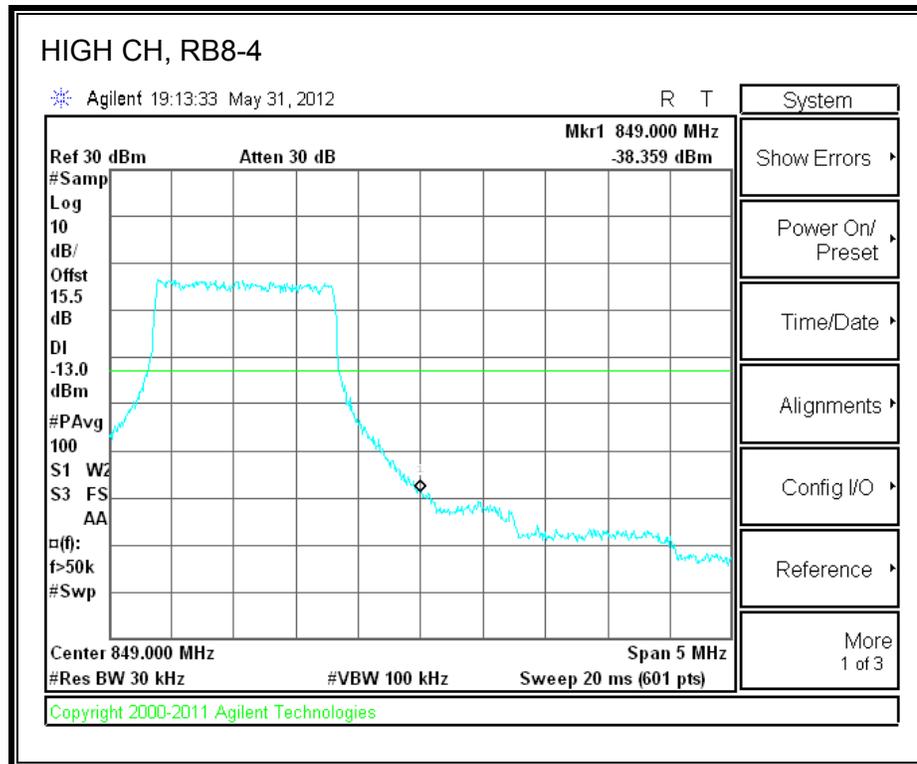
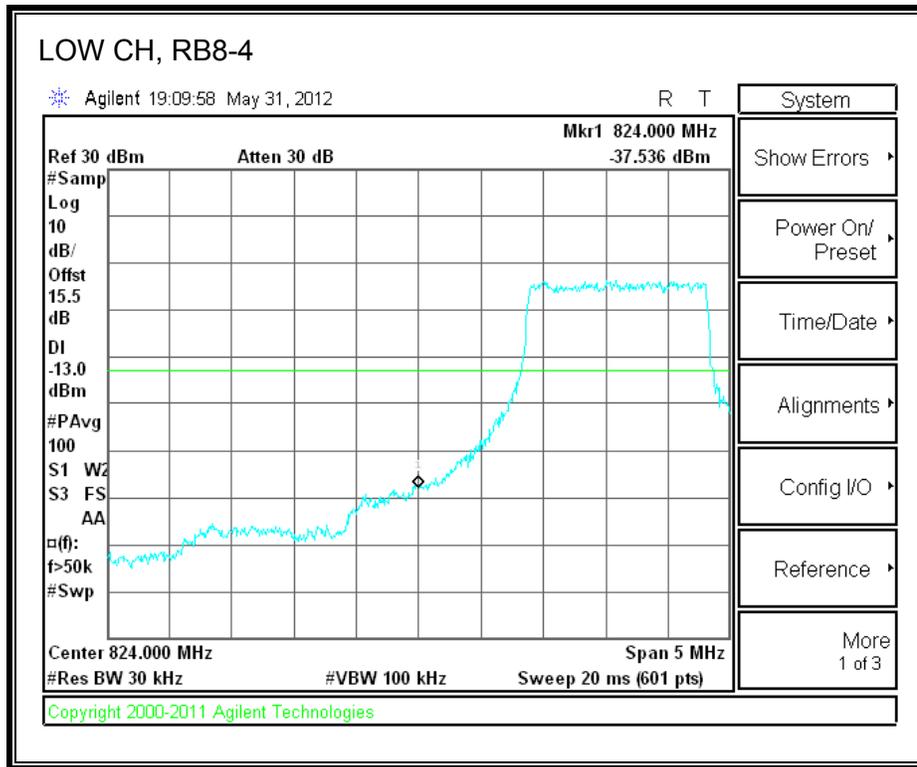


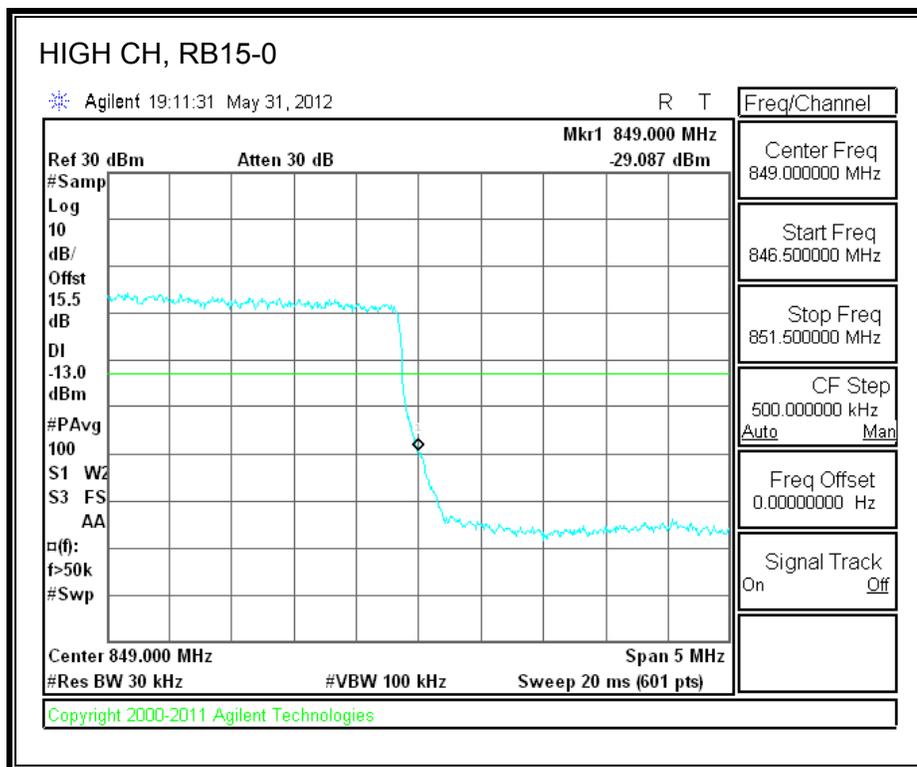
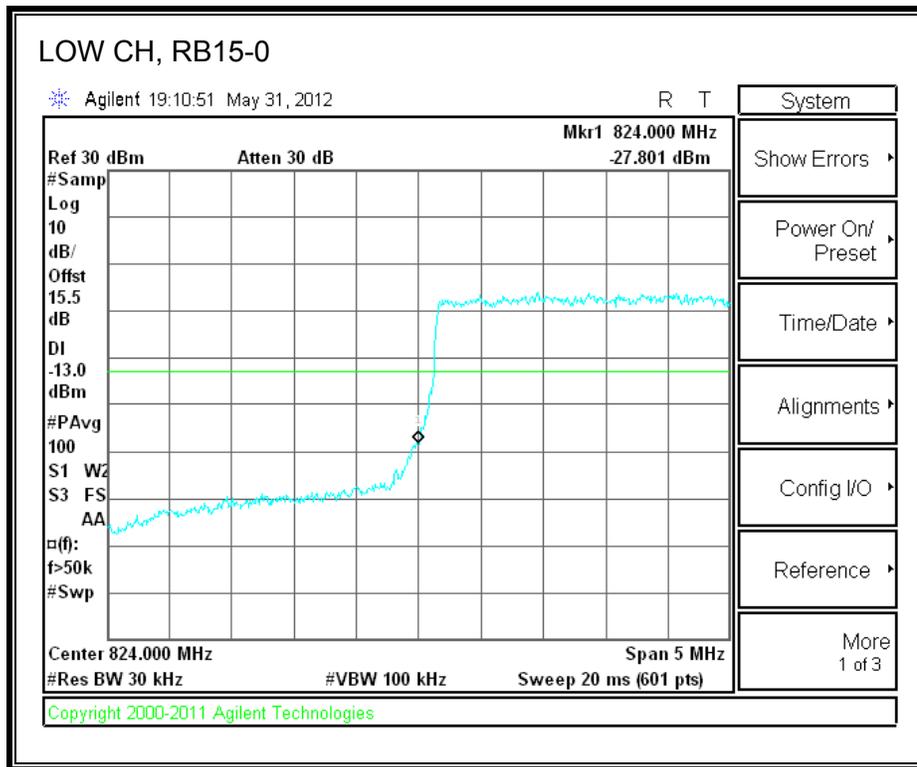


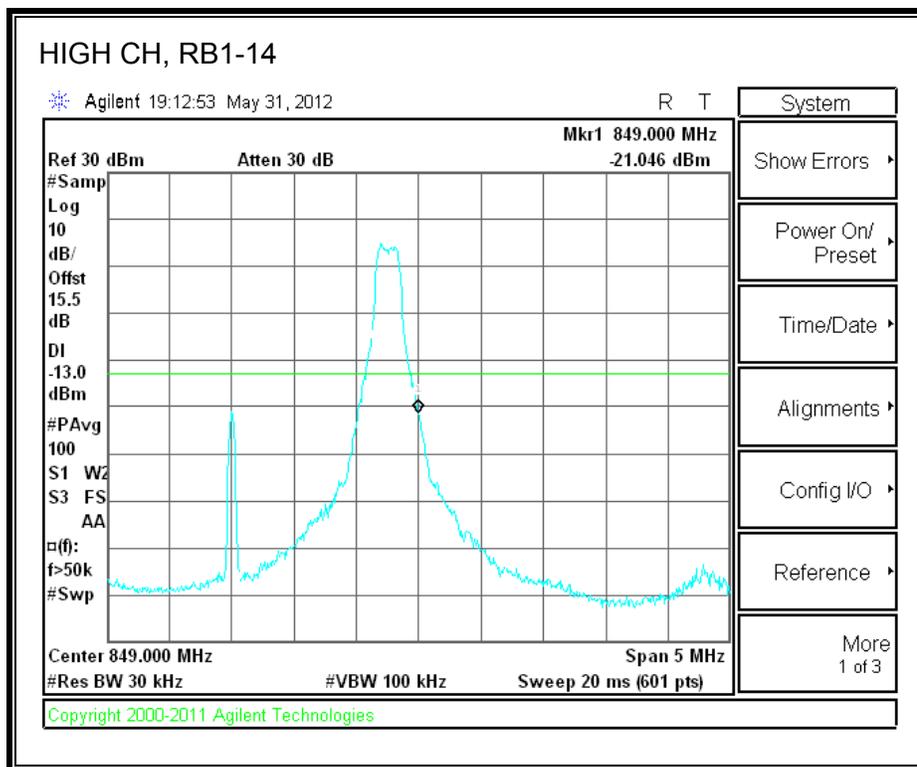
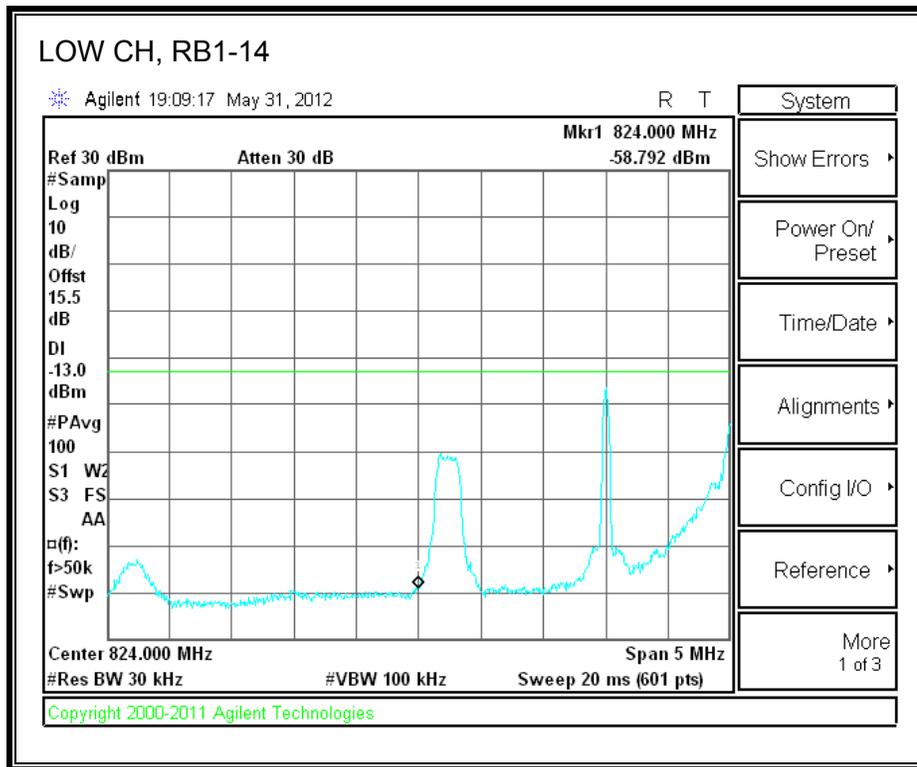
LTE QPSK Band 5 (3.0 MHz BAND WIDTH)

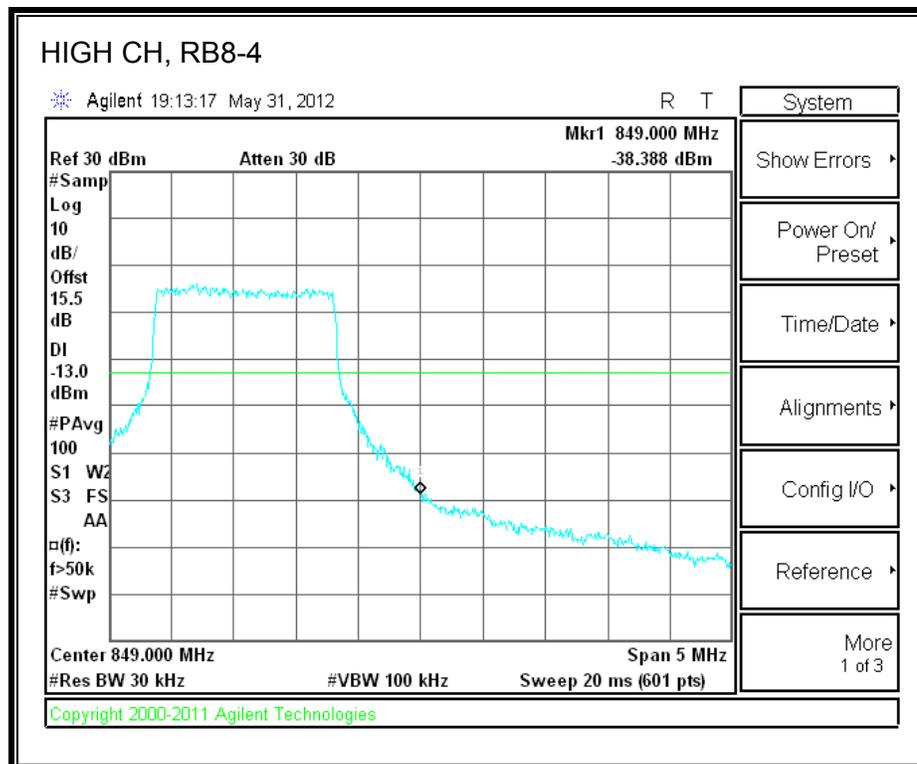
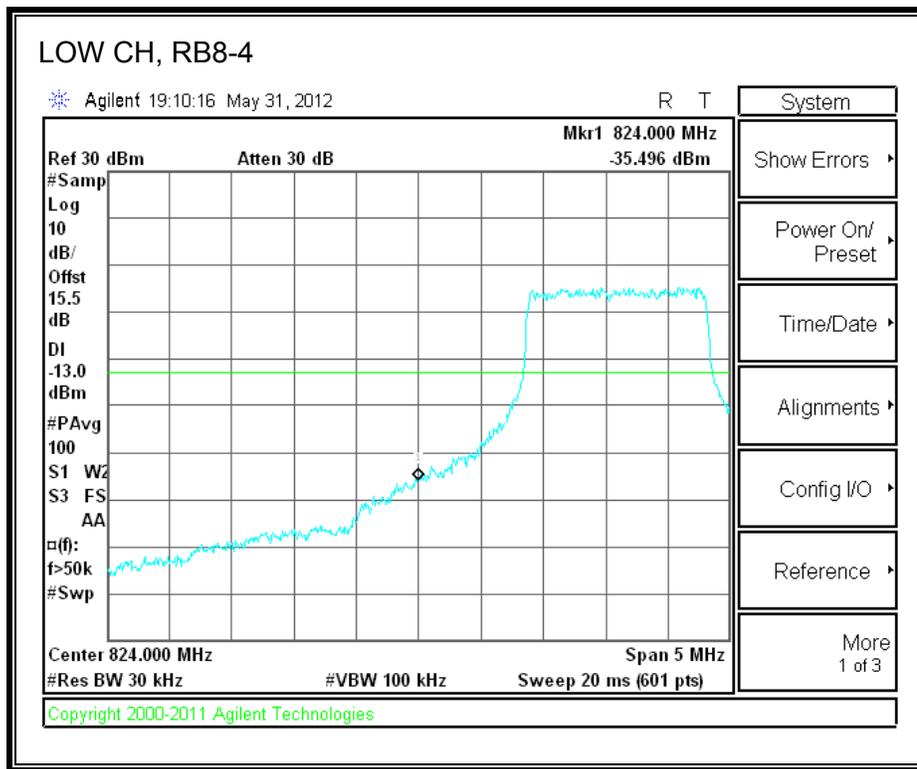


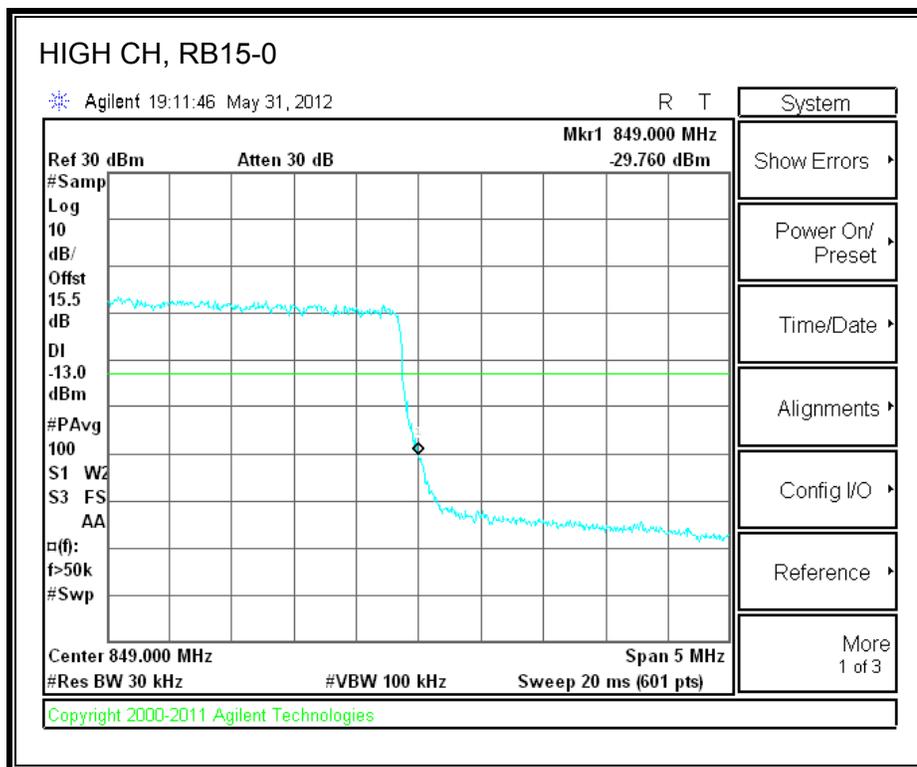
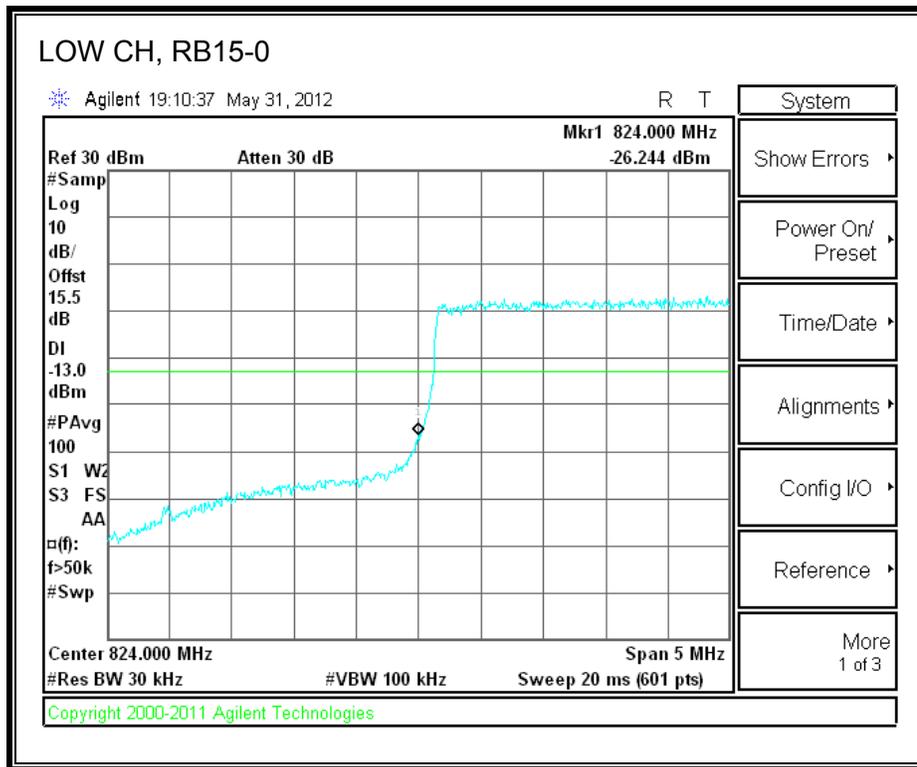




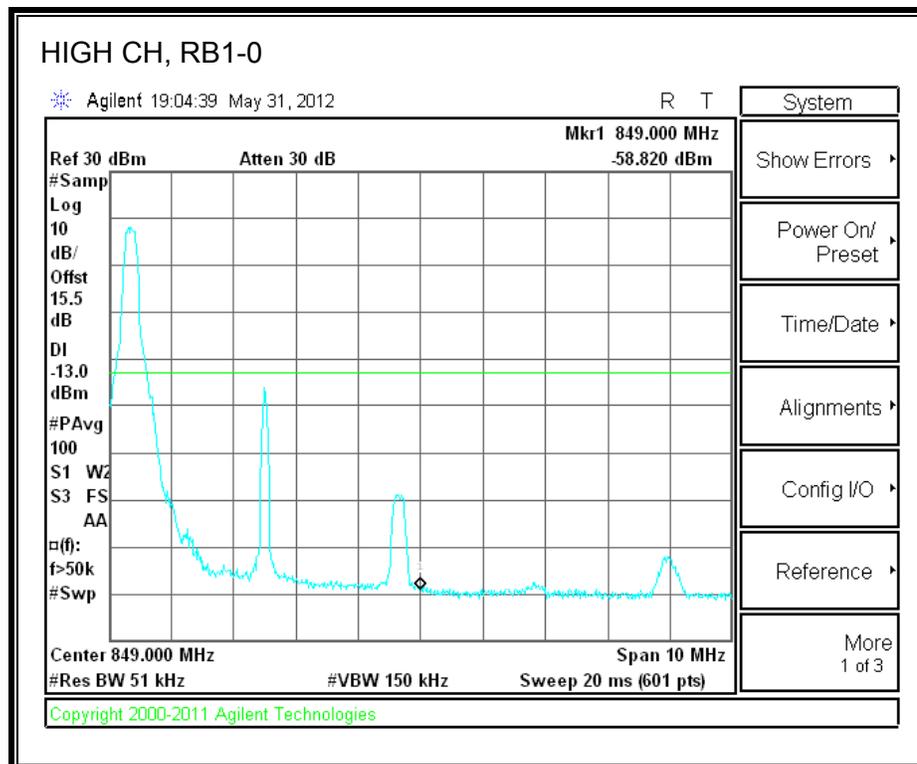
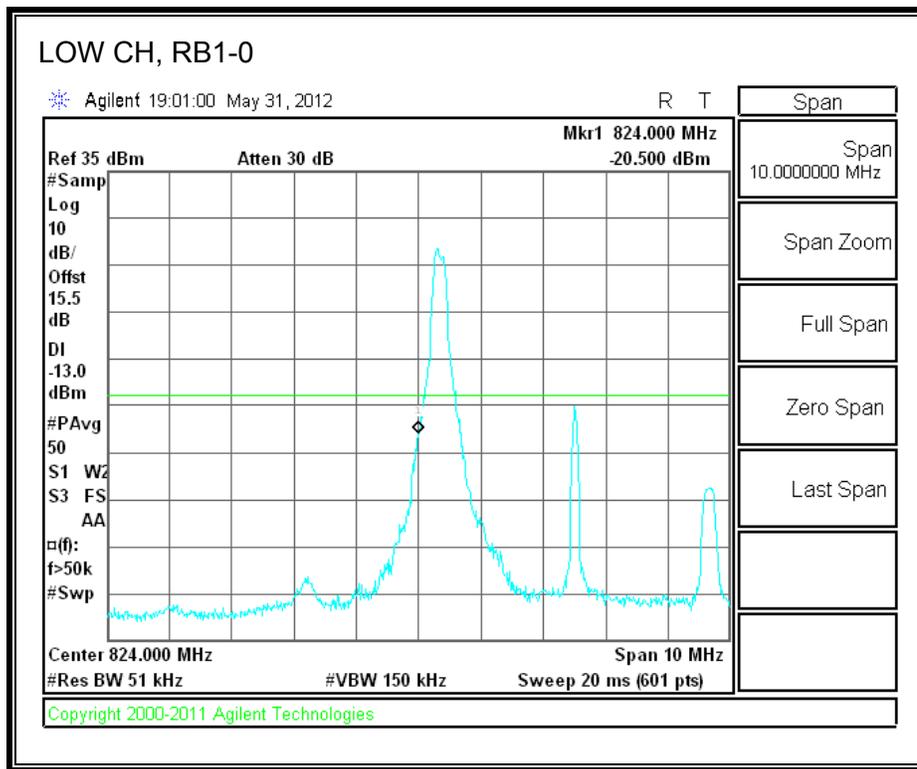


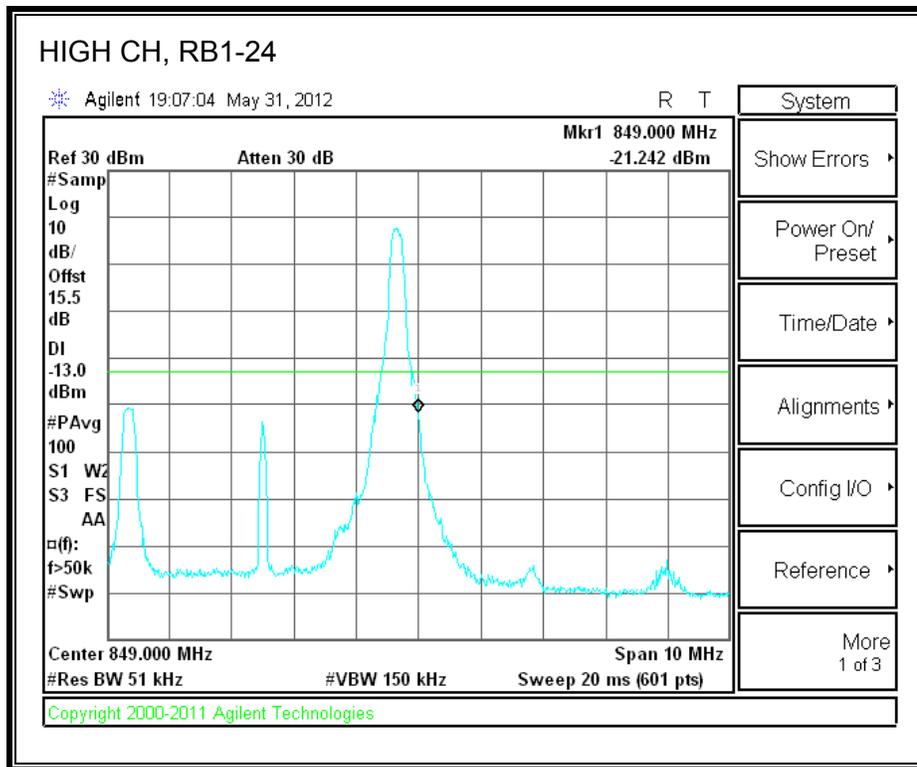
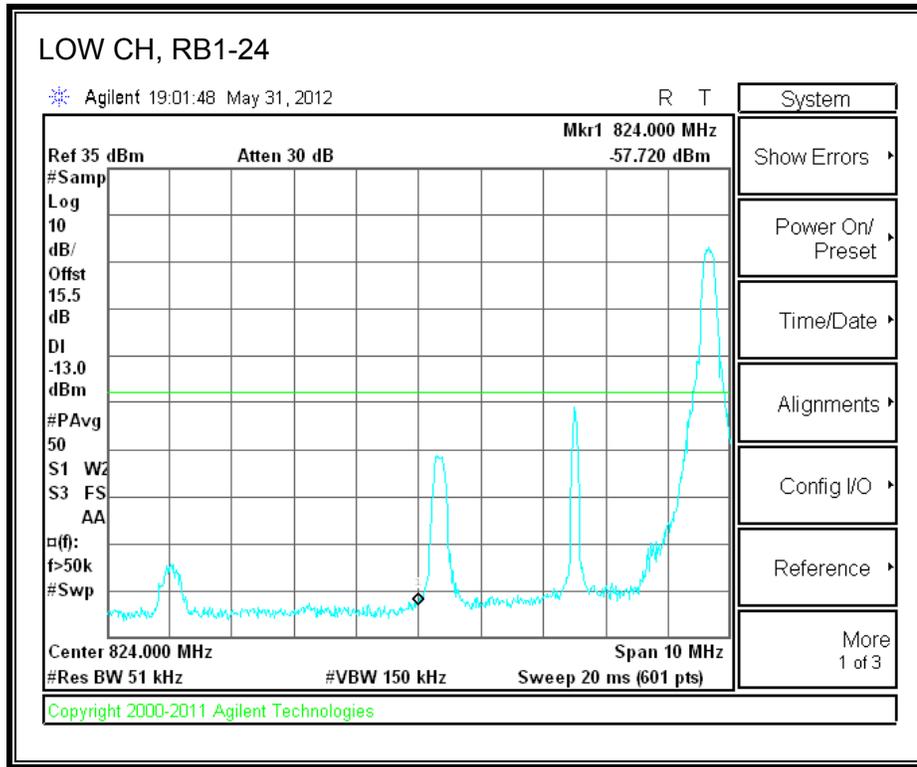


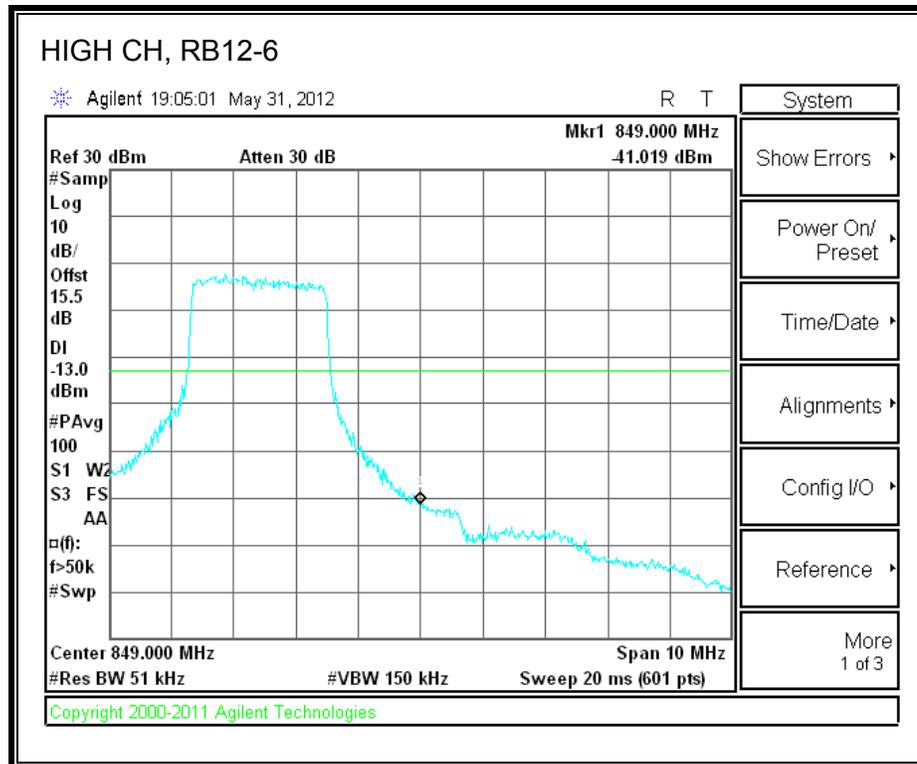
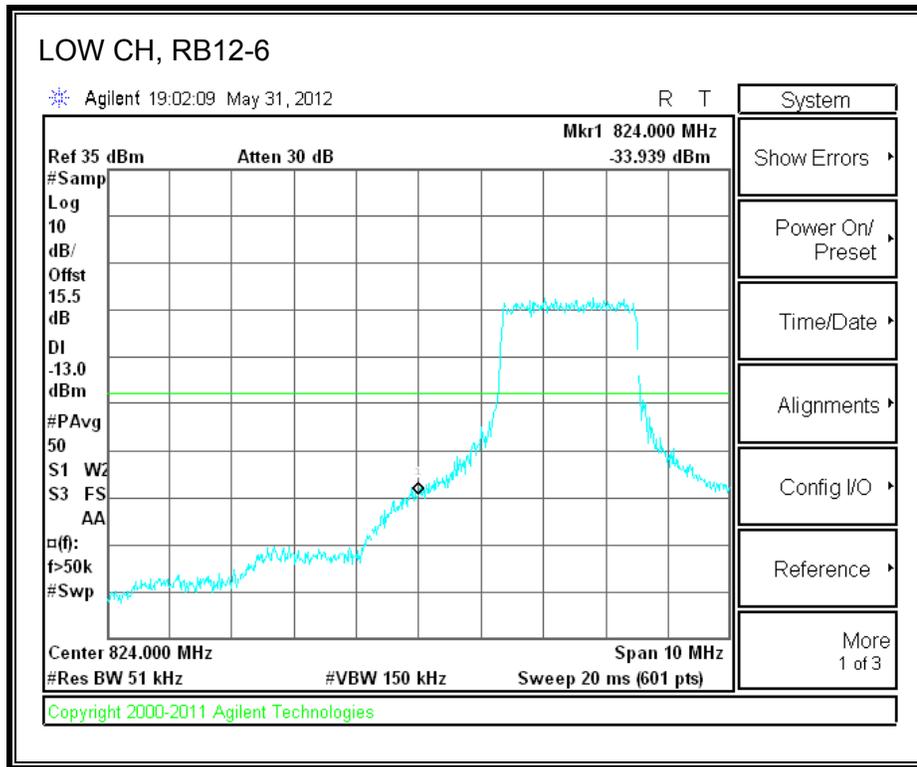


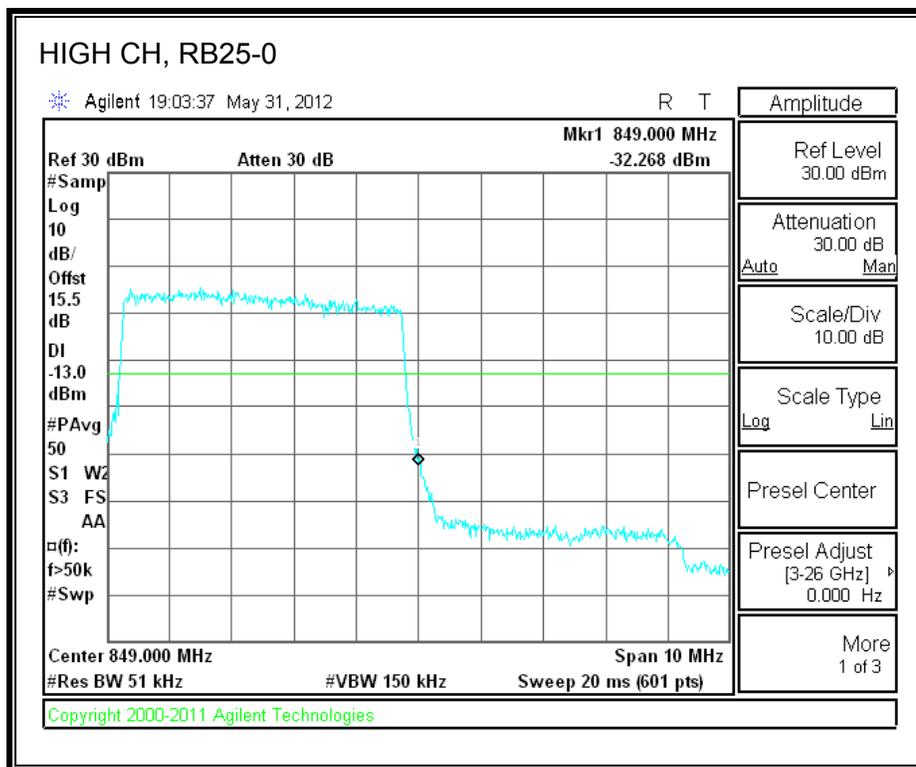
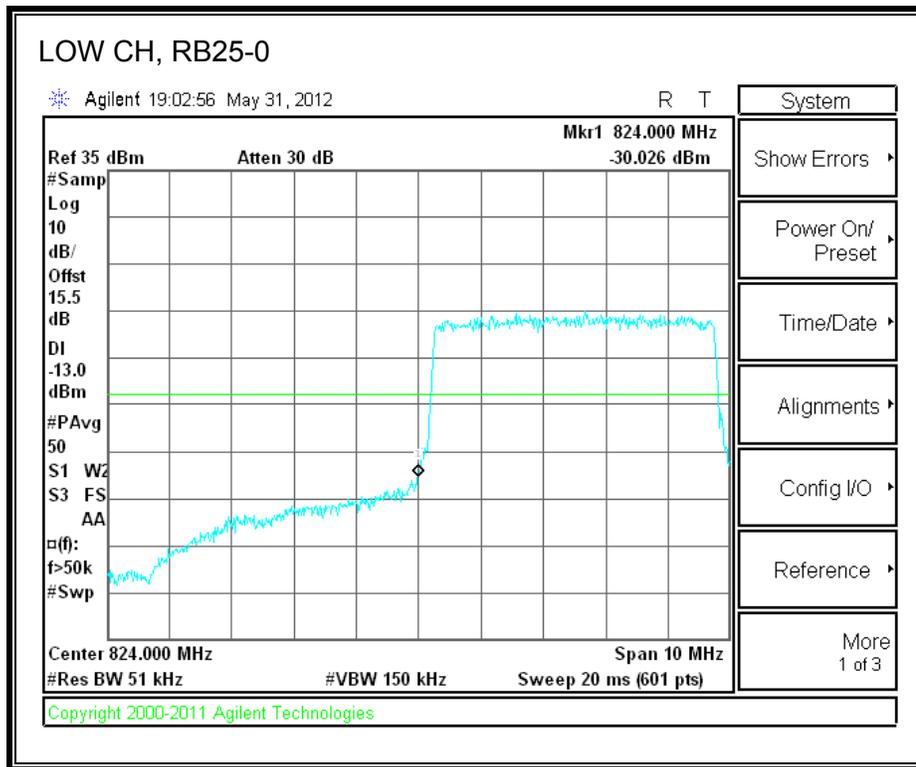


LTE QPSK Band 5 (5.0 MHz BAND WIDTH)

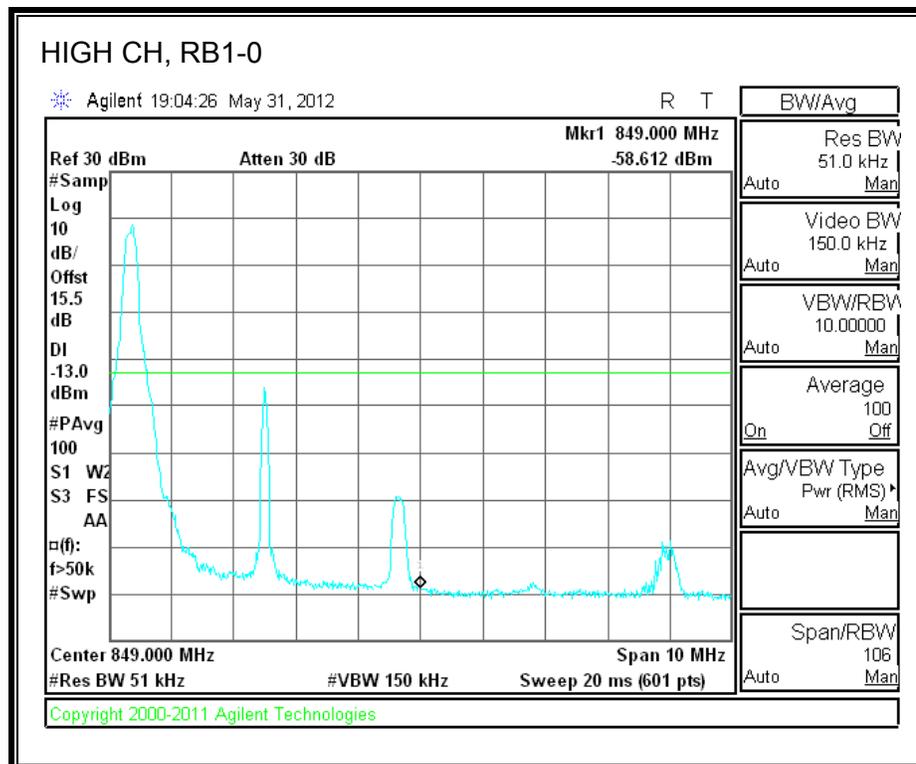
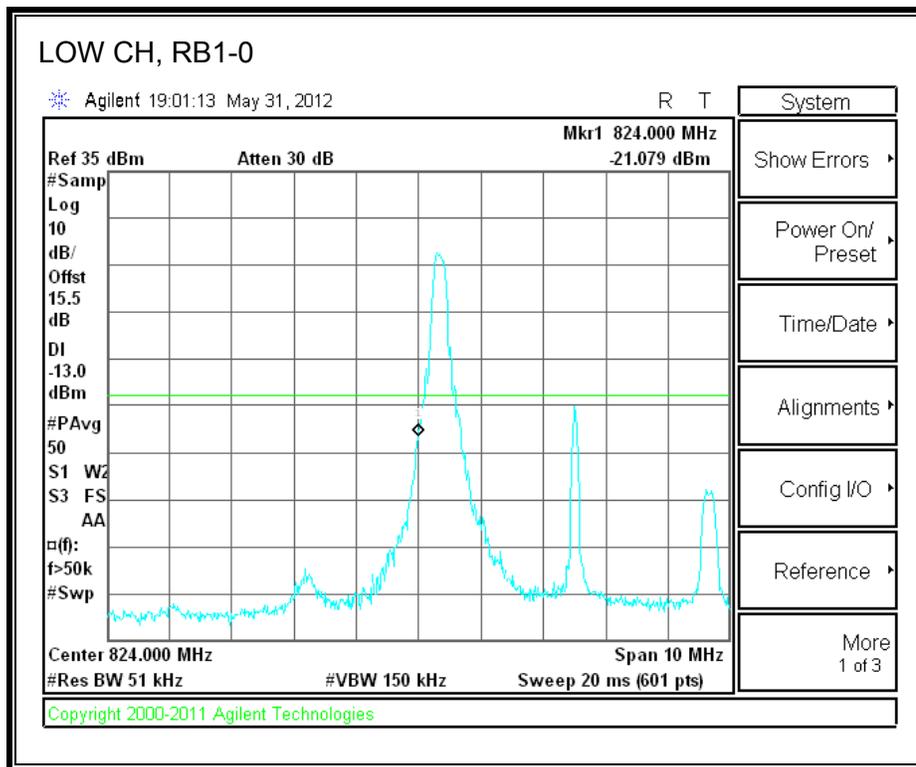


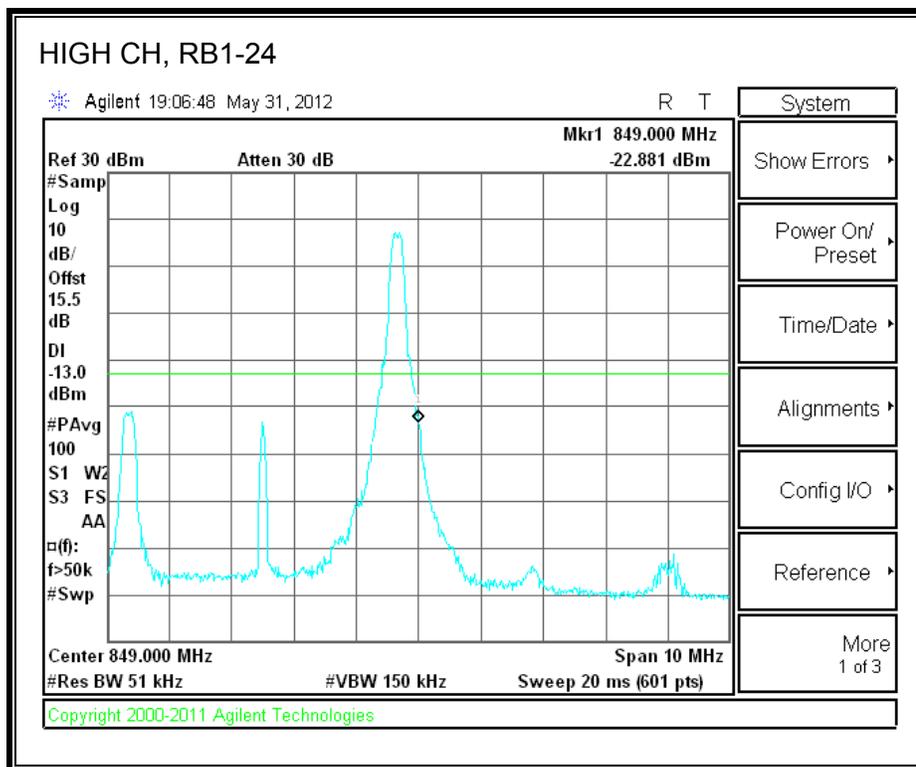
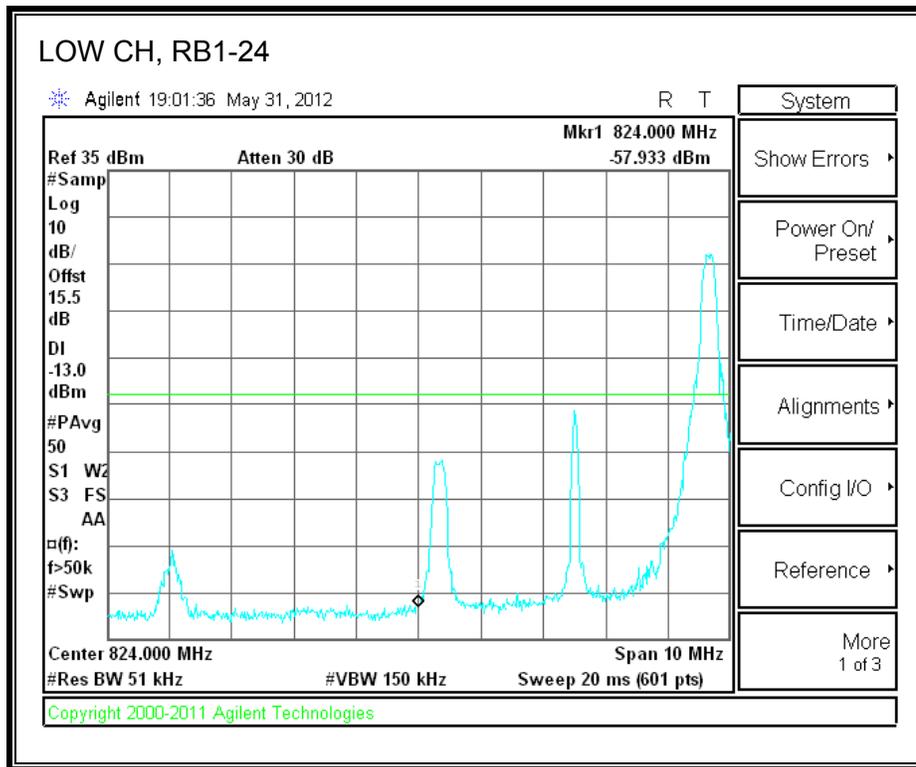


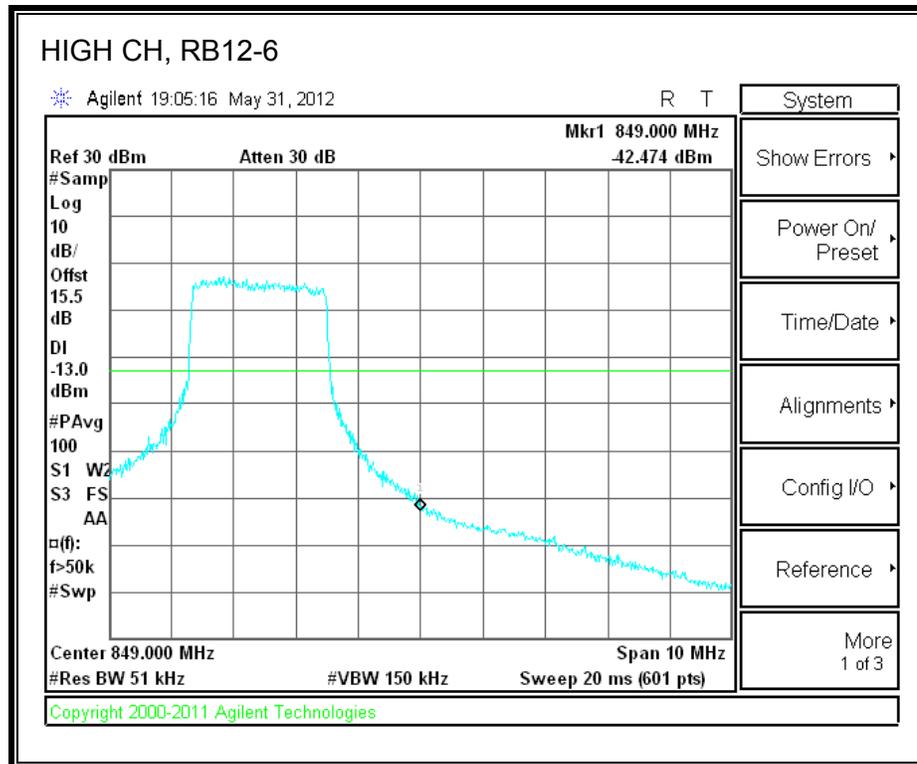
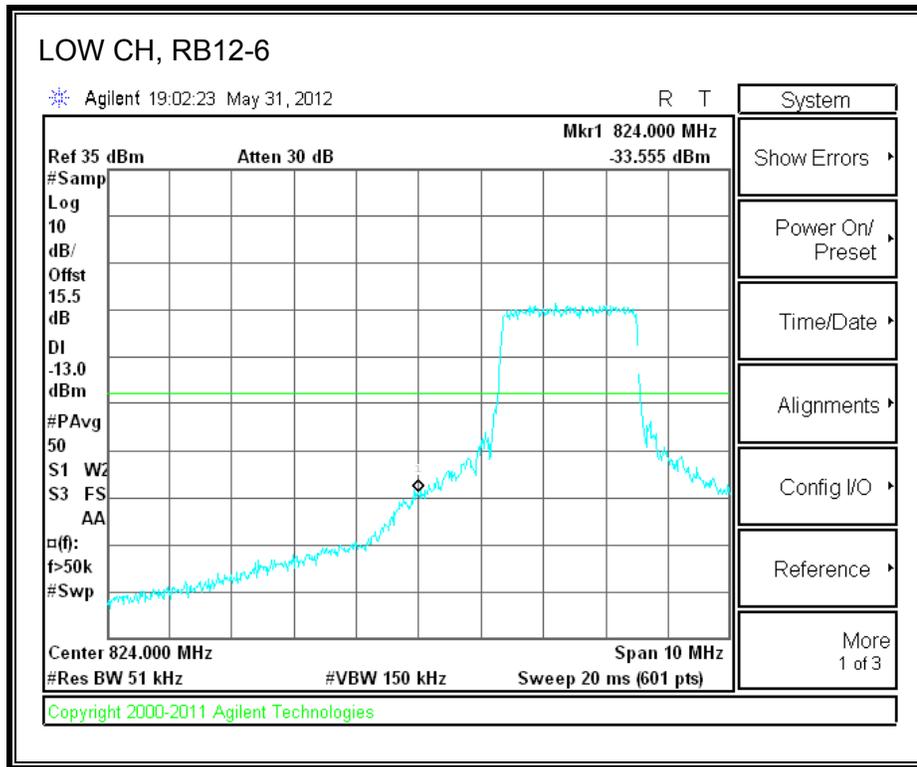


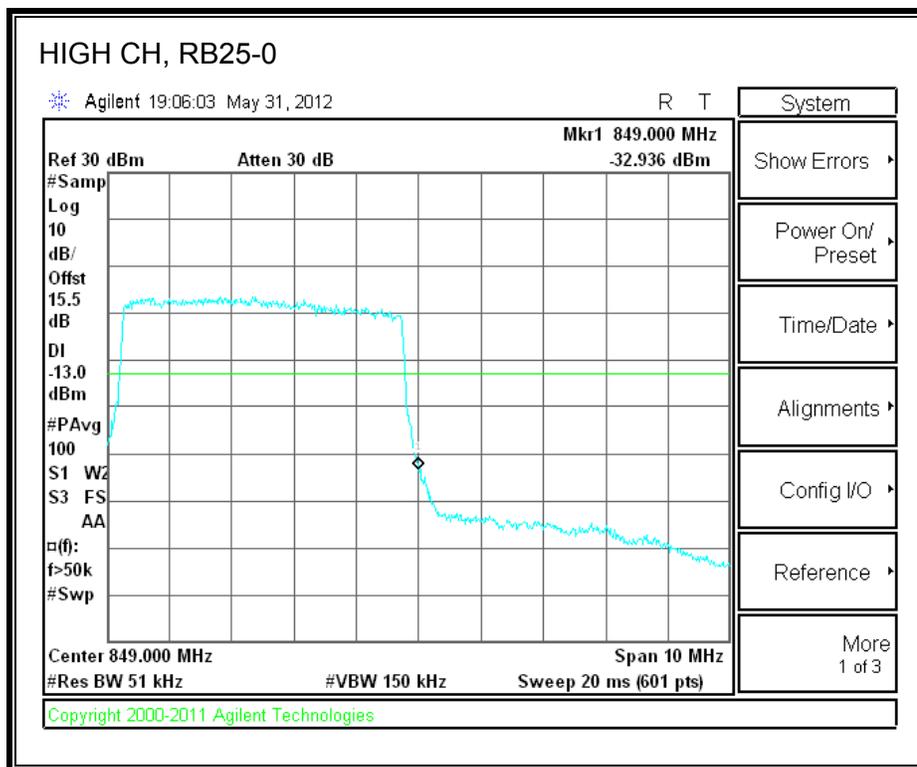
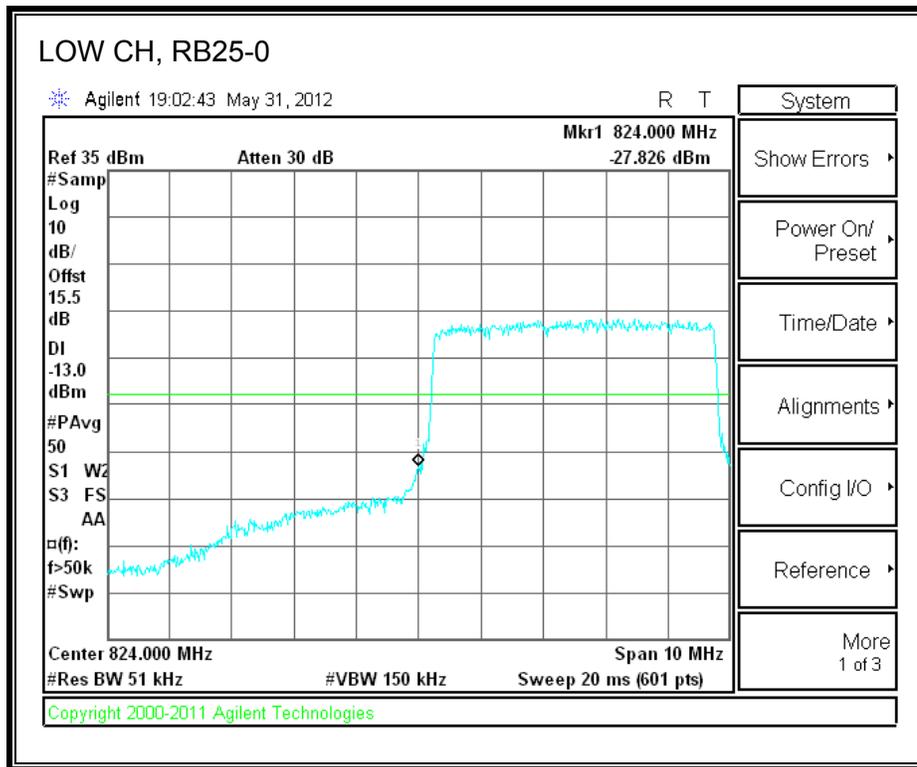


LTE 16QAM Band 5 (5.0 MHz BAND WIDTH)

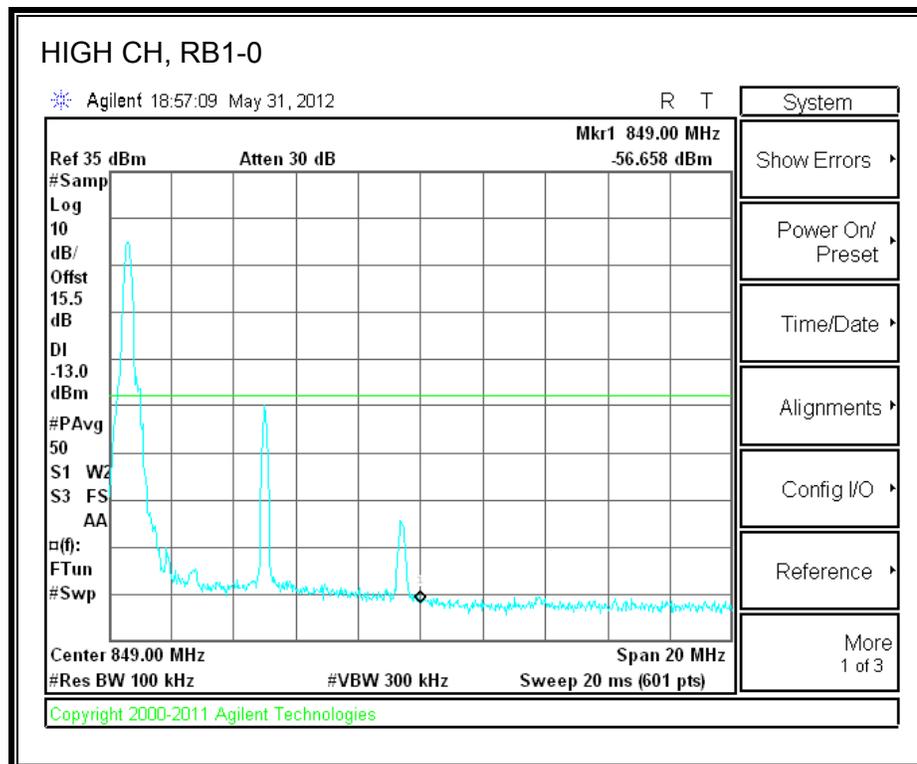
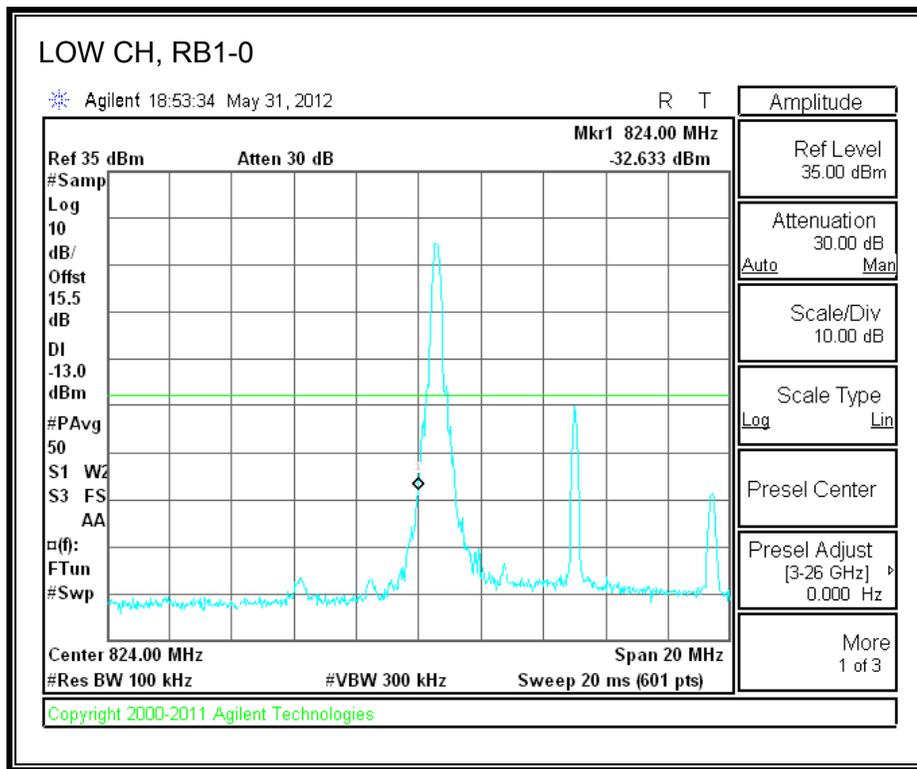


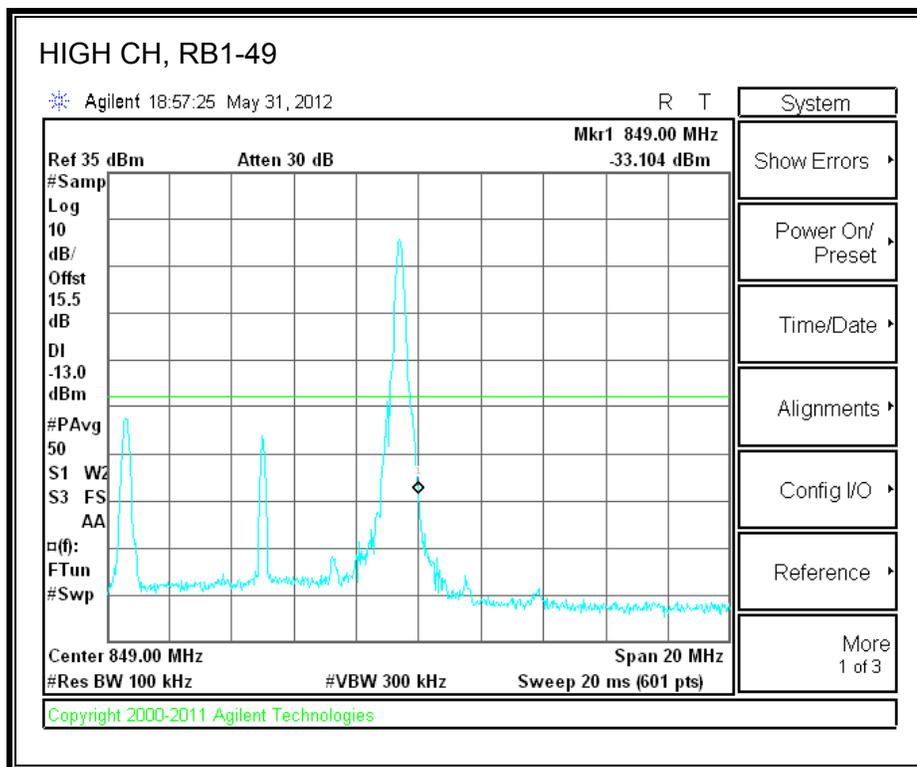
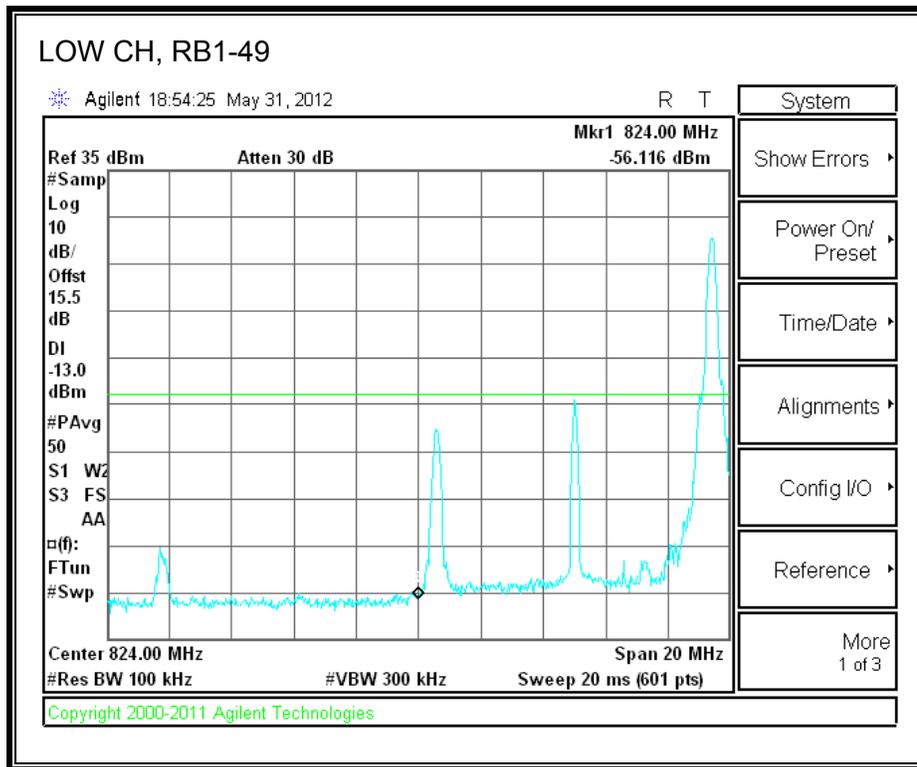


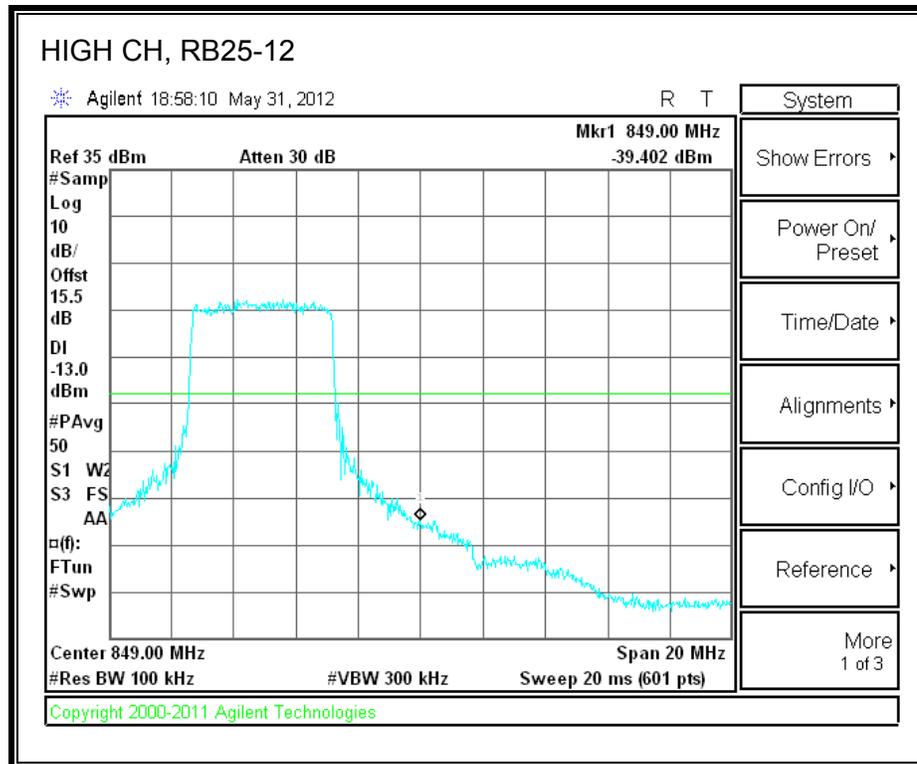
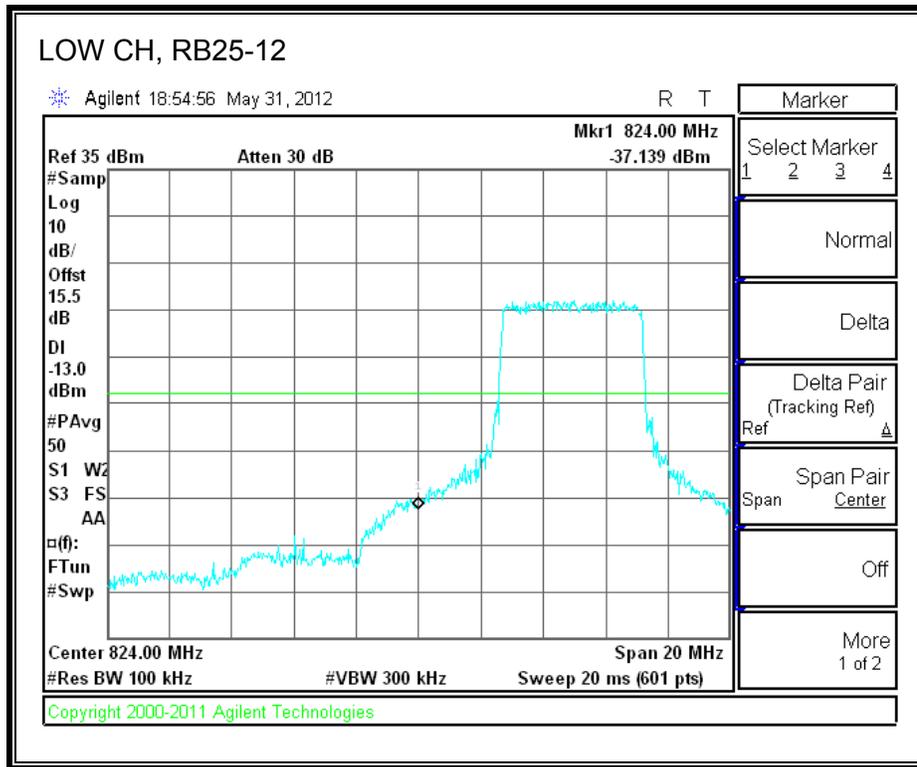


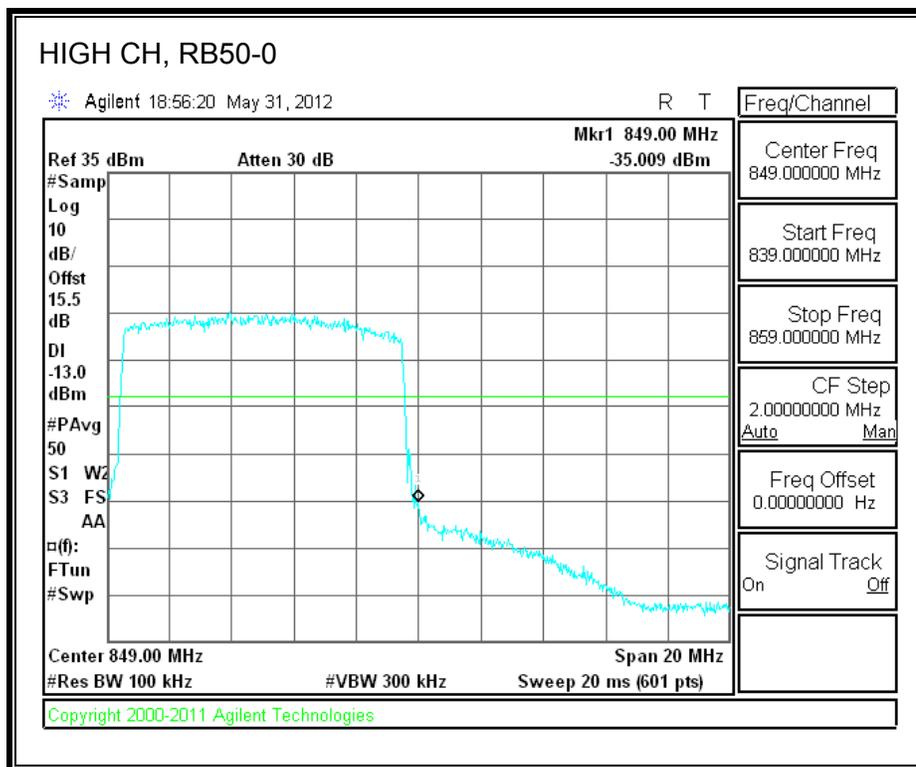
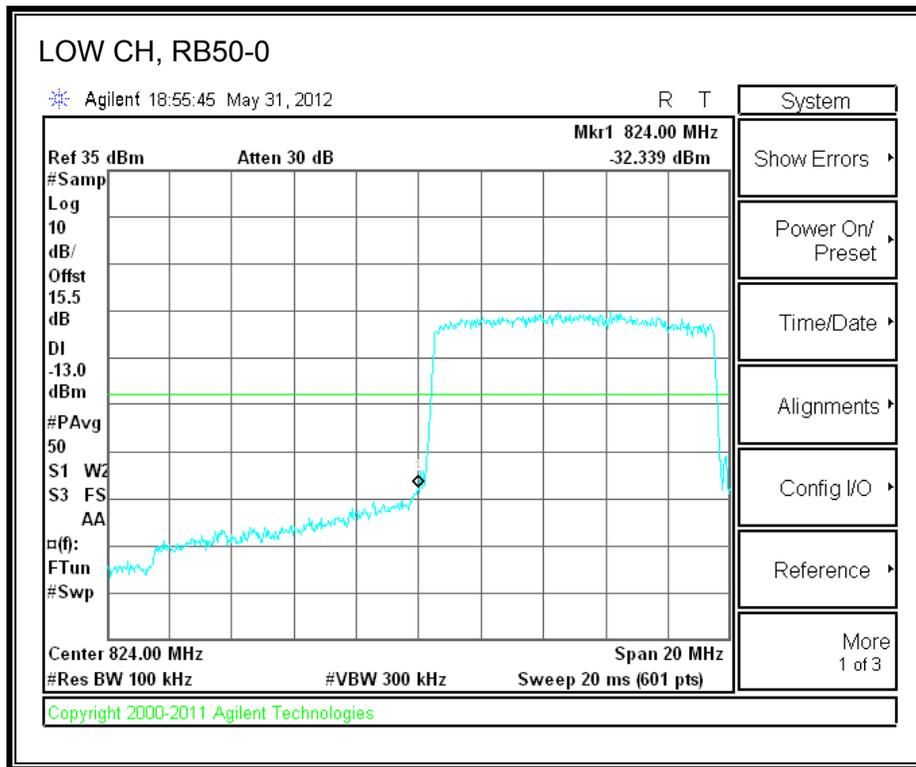


LTE QPSK Band 5 (10.0 MHz BAND WIDTH)

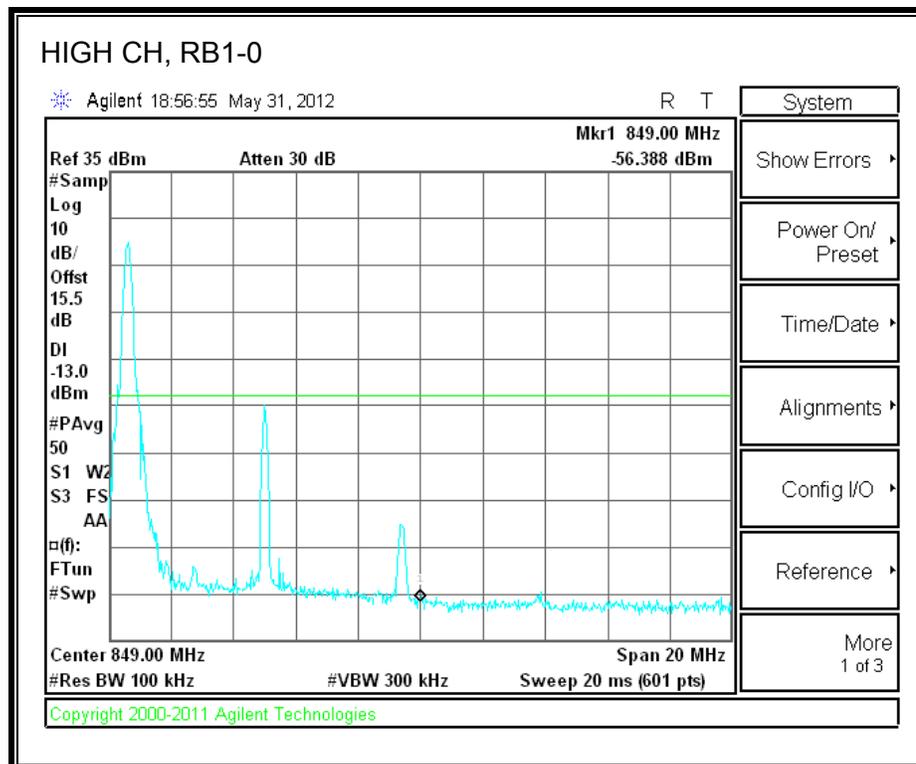
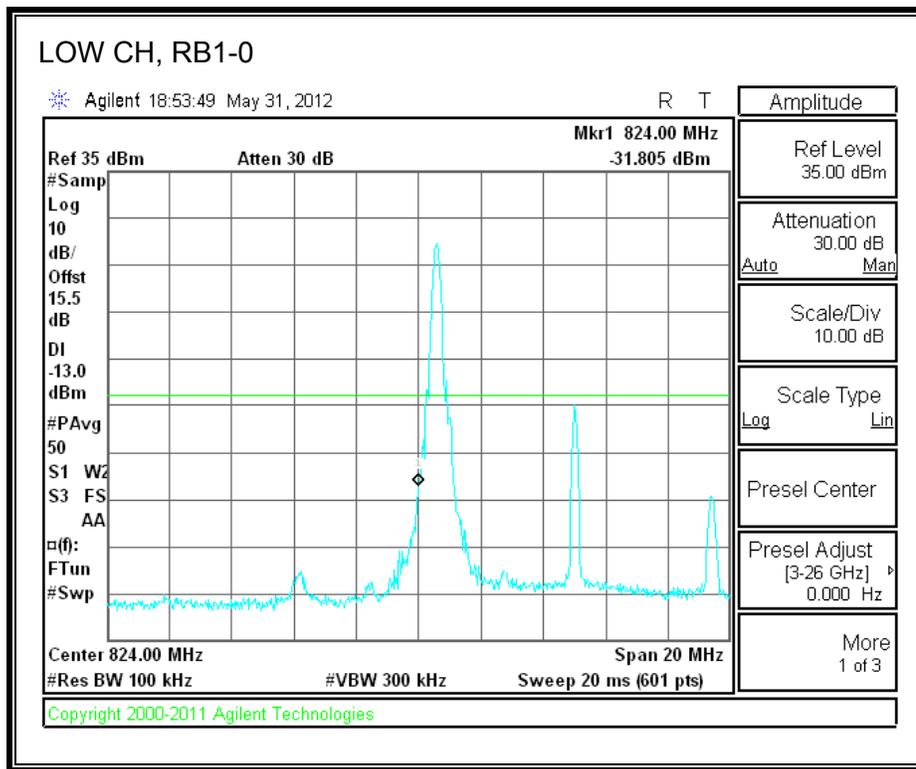


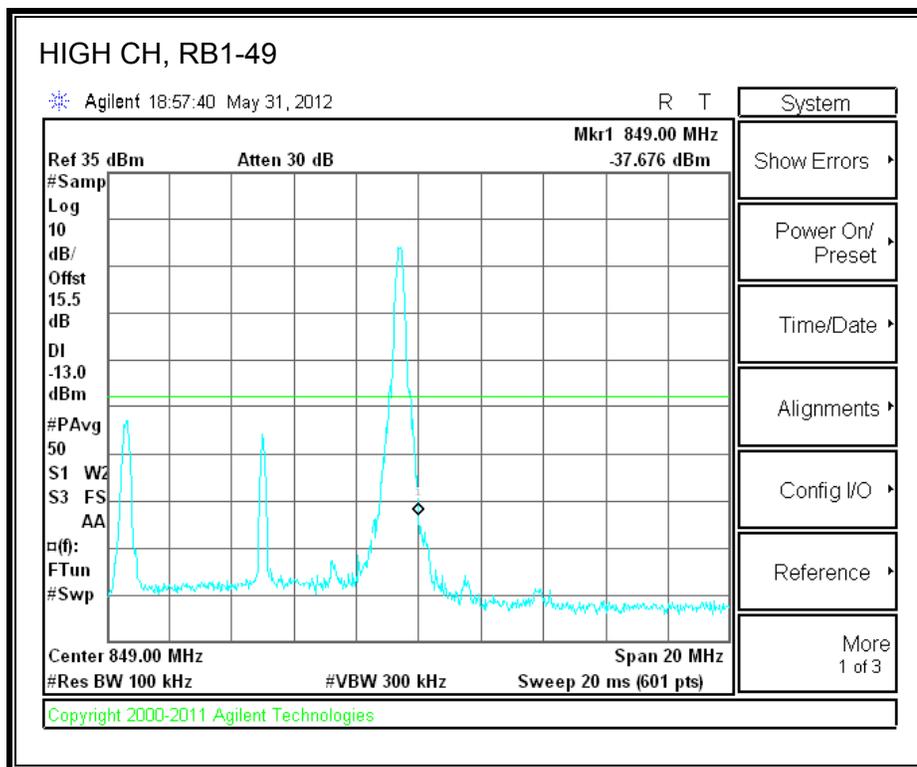
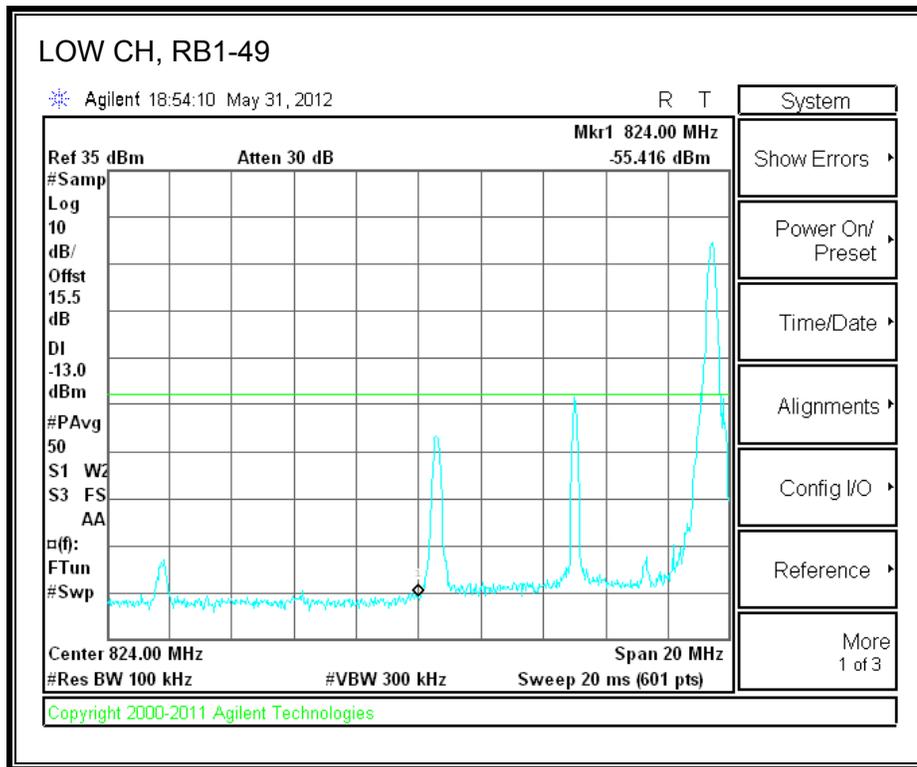


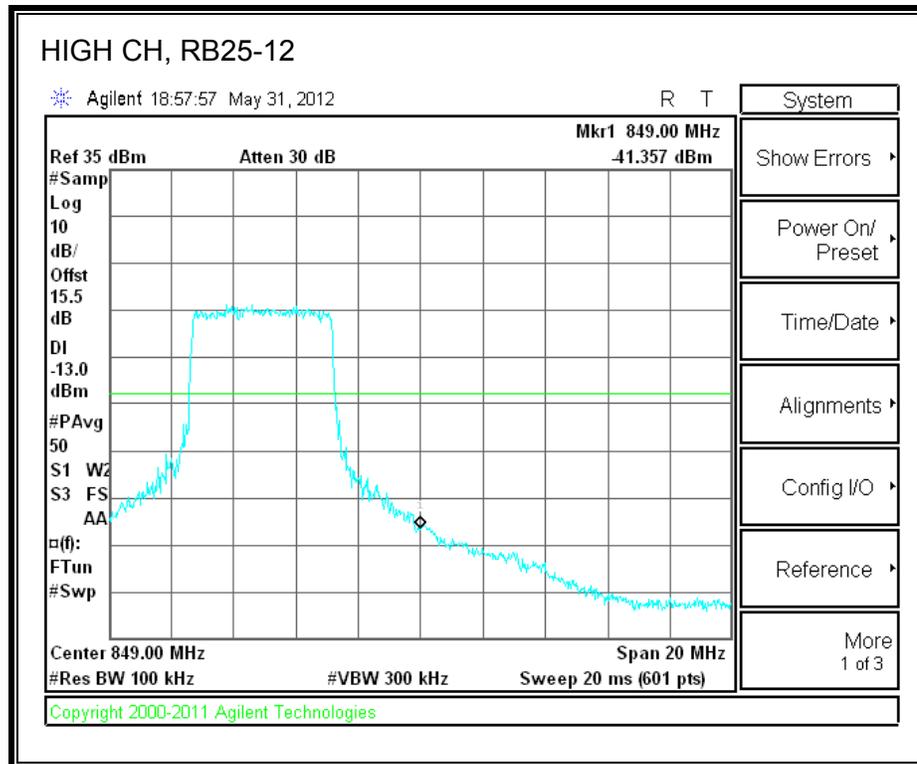
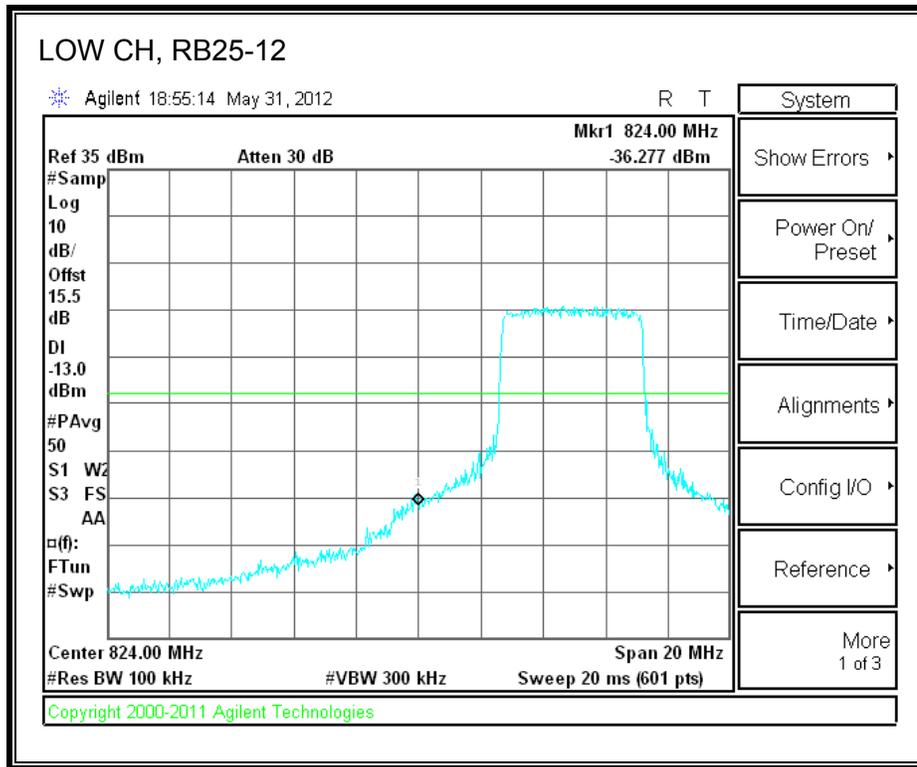


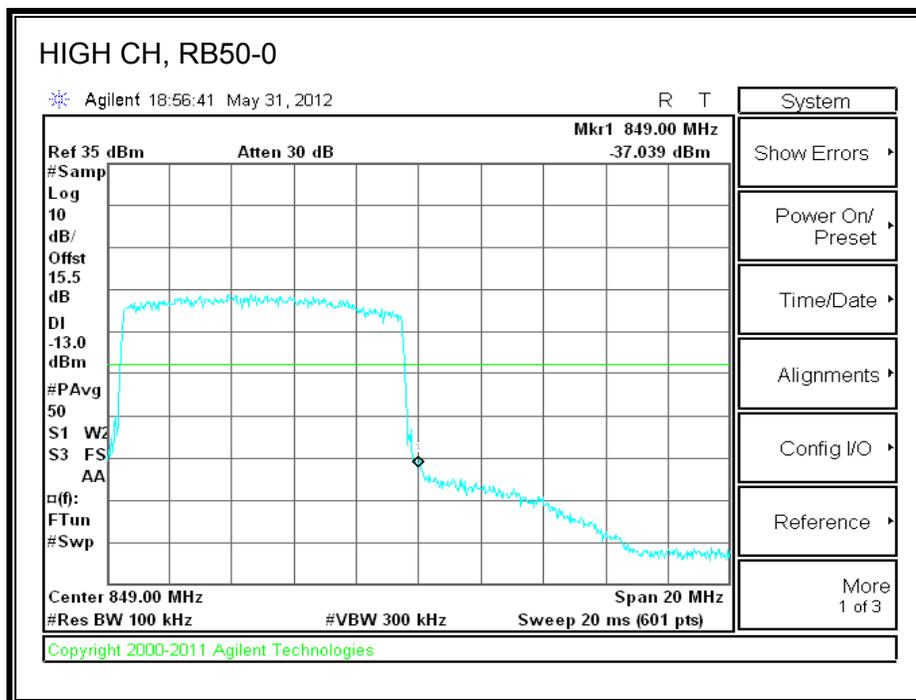
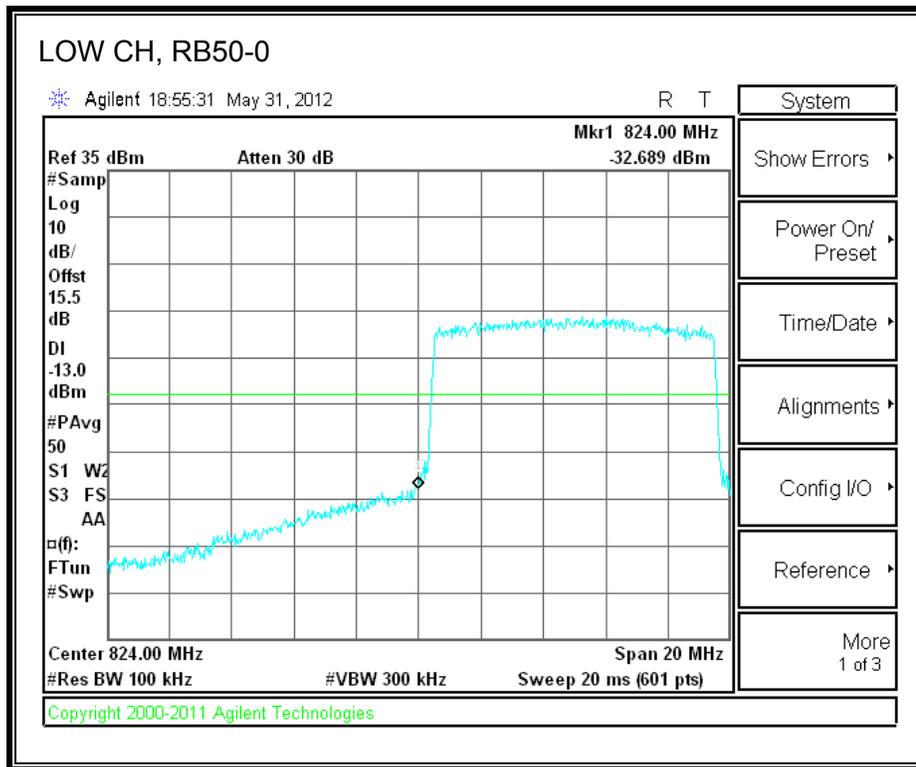


LTE 16QAM Band 5 (10.0 MHz BAND WIDTH)



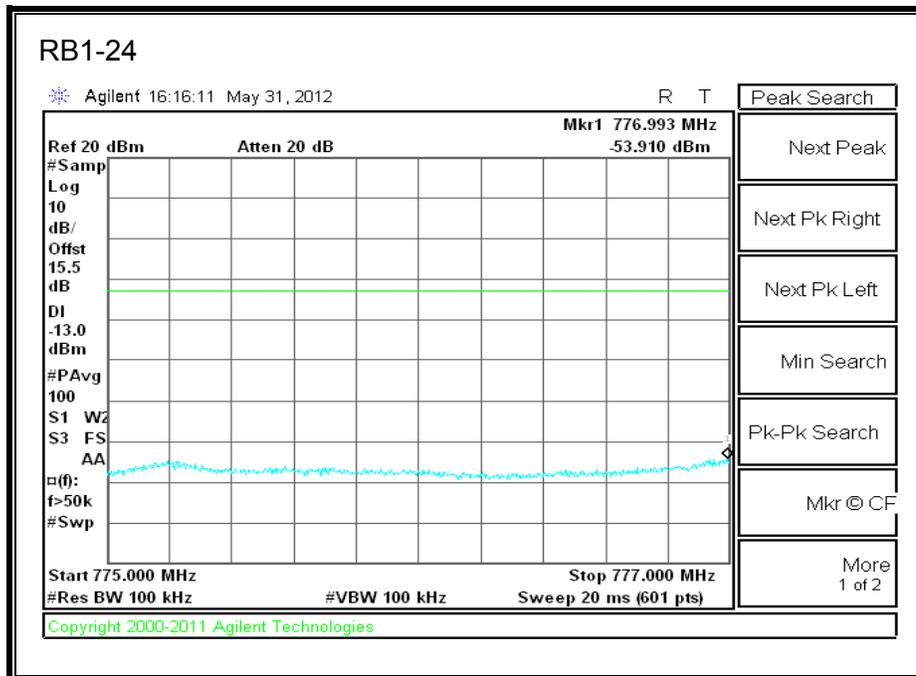
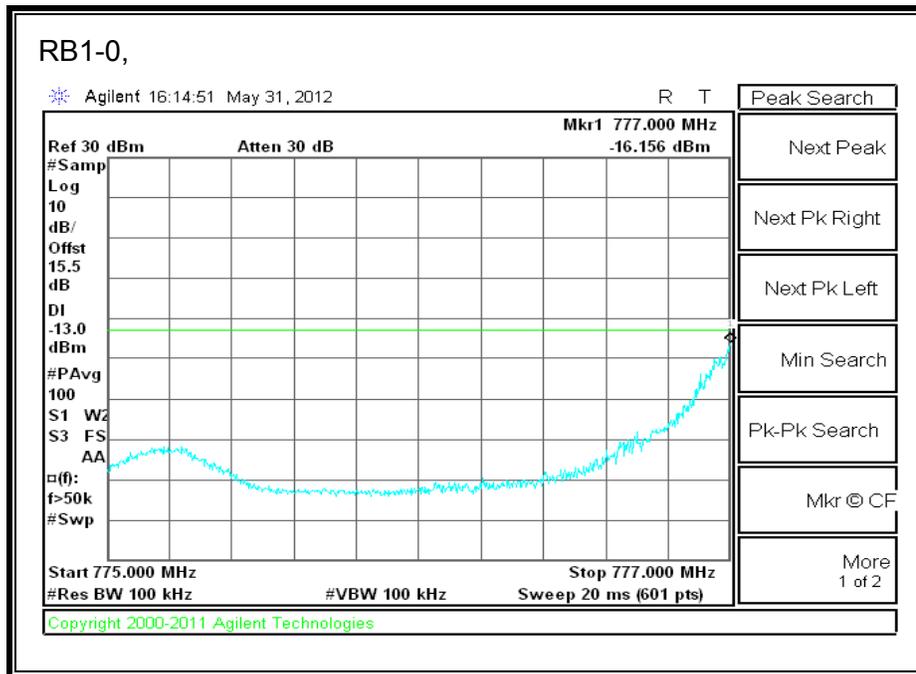


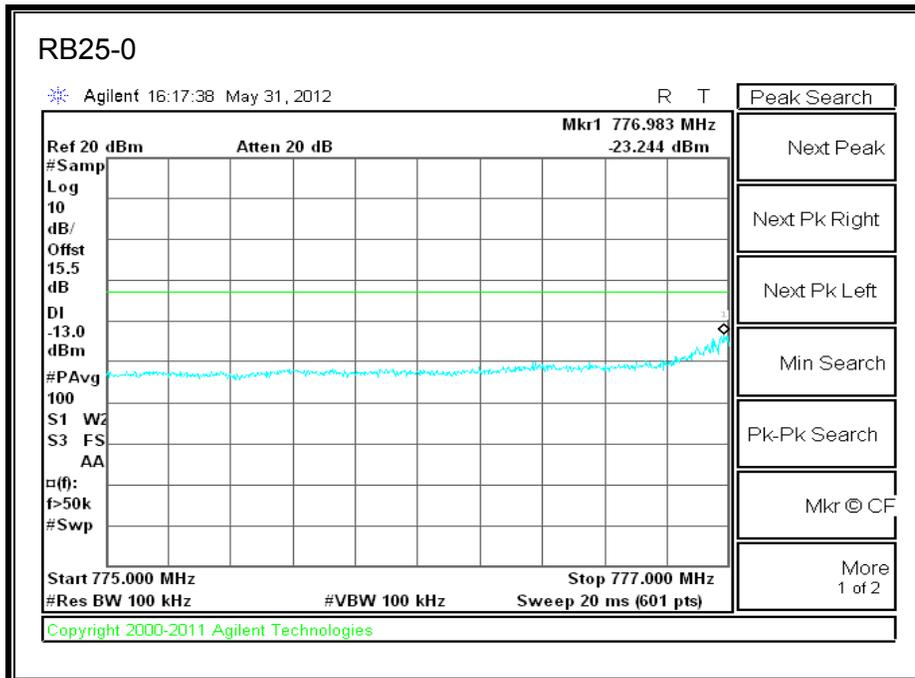
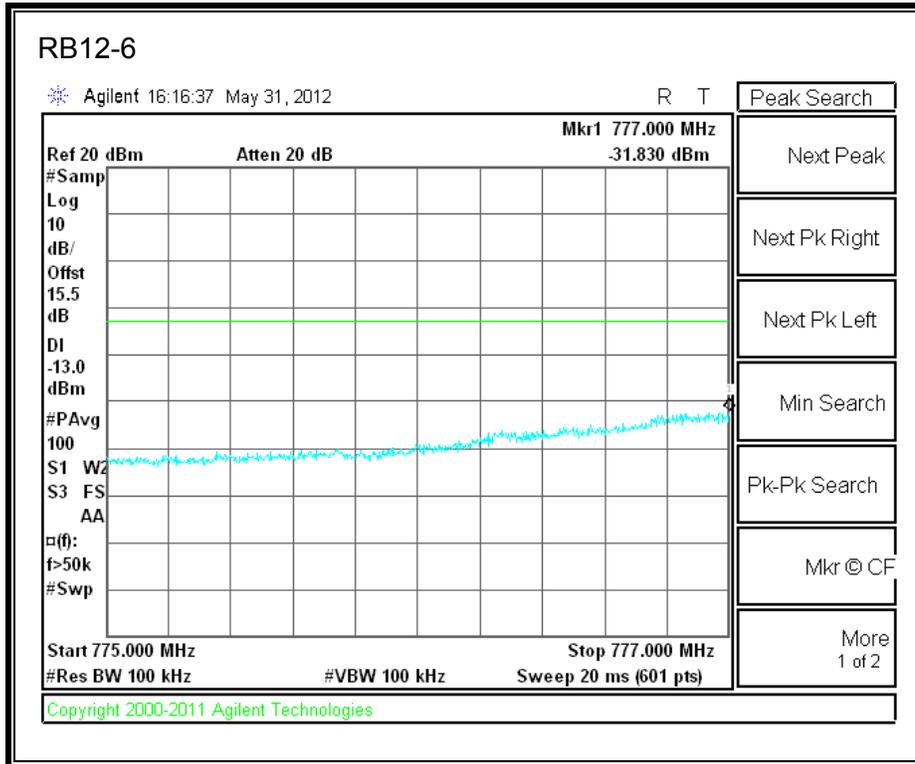




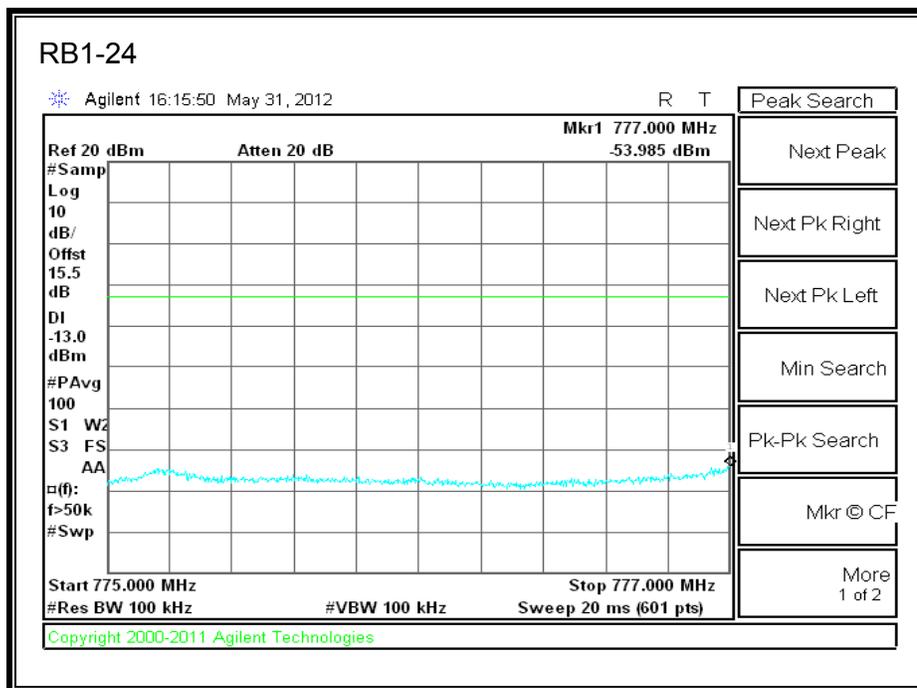
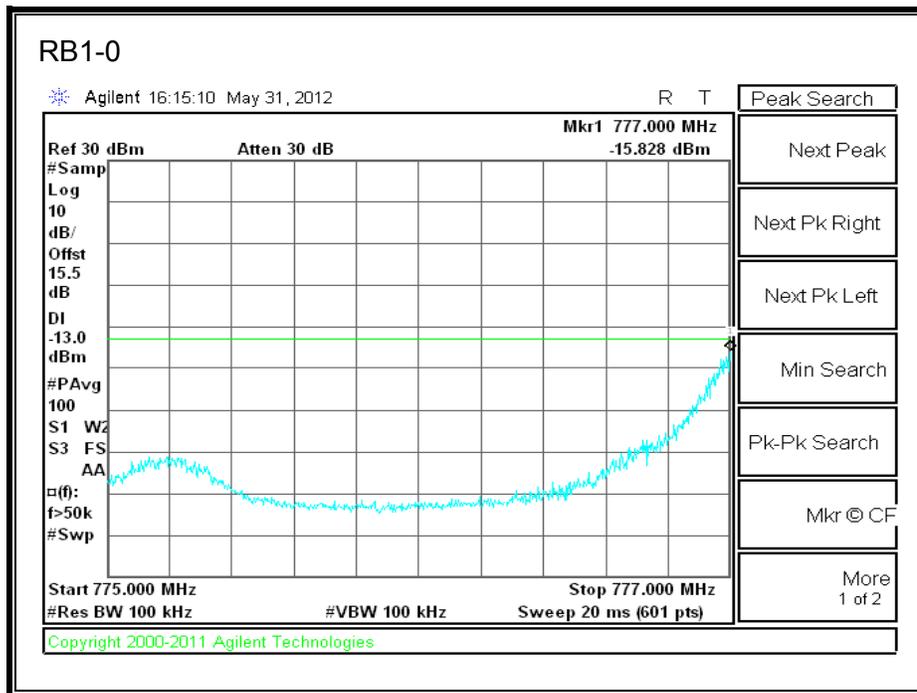
8.2.11. A1429 UAT PORT LTE BAND 13

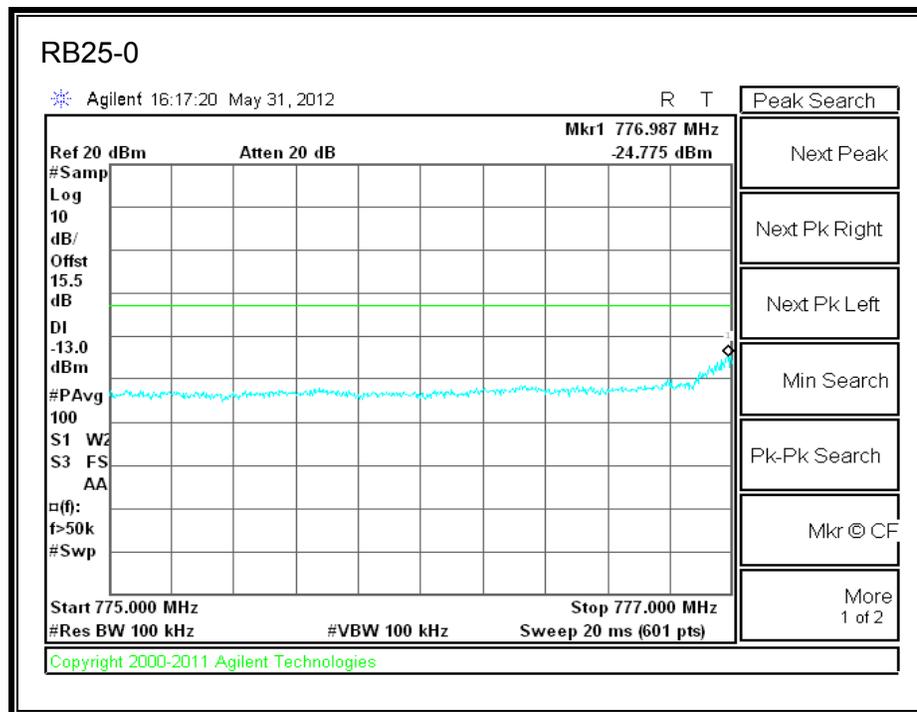
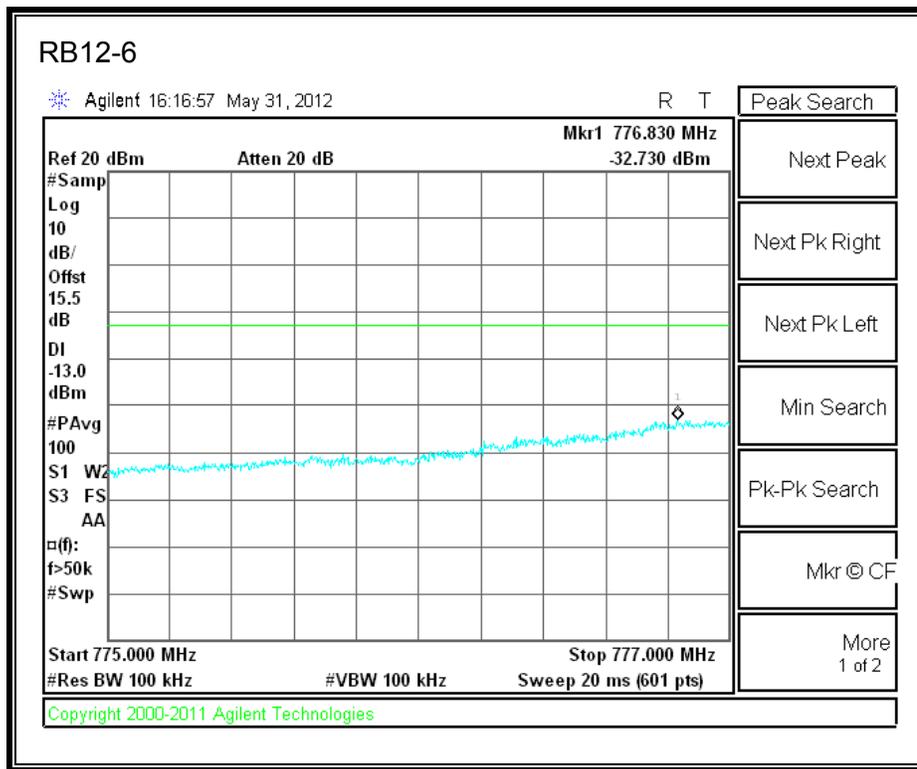
LTE QPSK 779.5 MHz Band 13, 775 – 777MHz (5MHz Bandwidth)



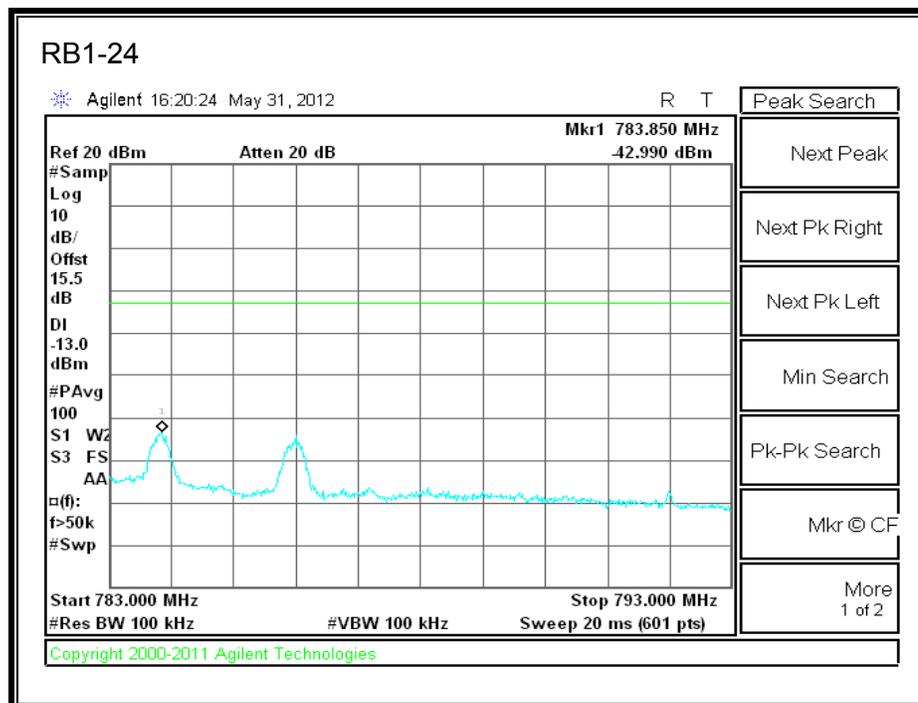
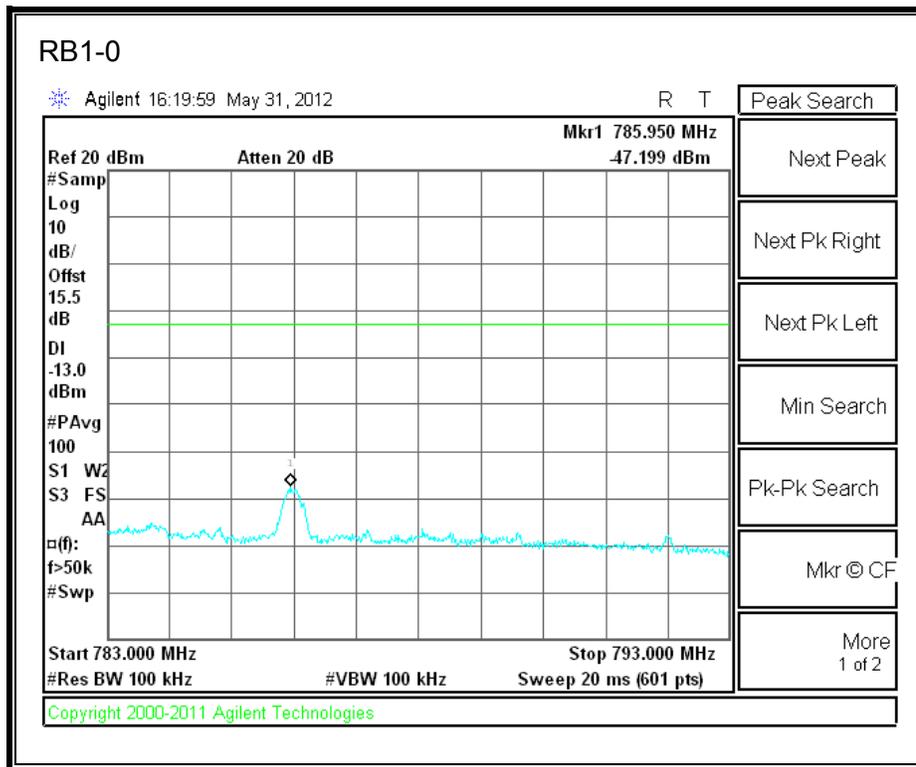


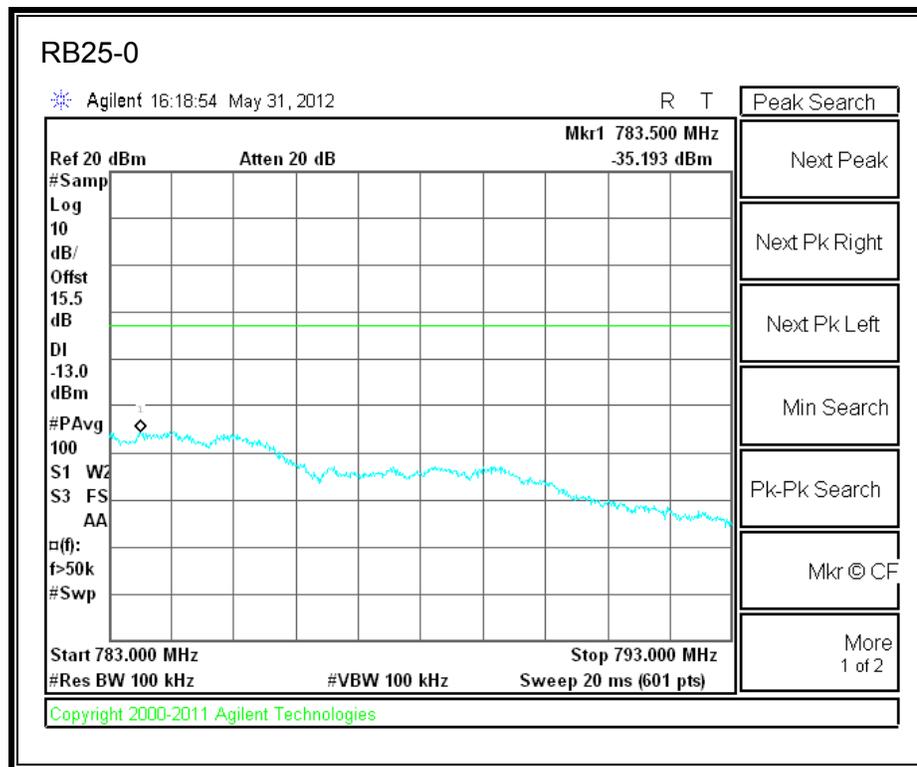
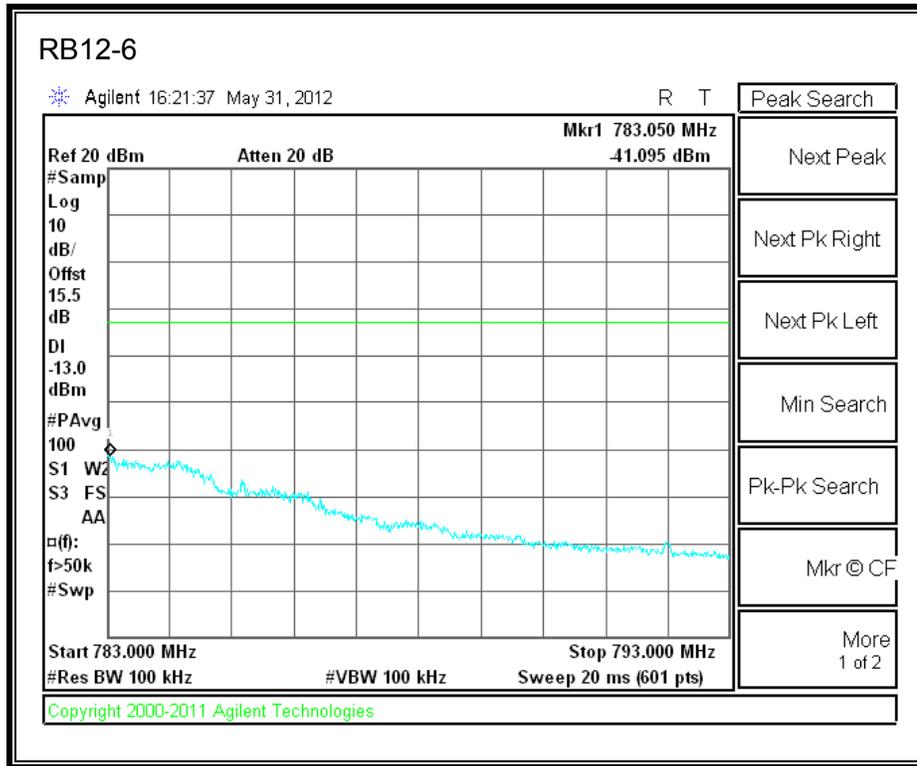
LTE 16QAM 779.5MHz Band 13, 775 - 777MHz (5MHz Bandwidth)



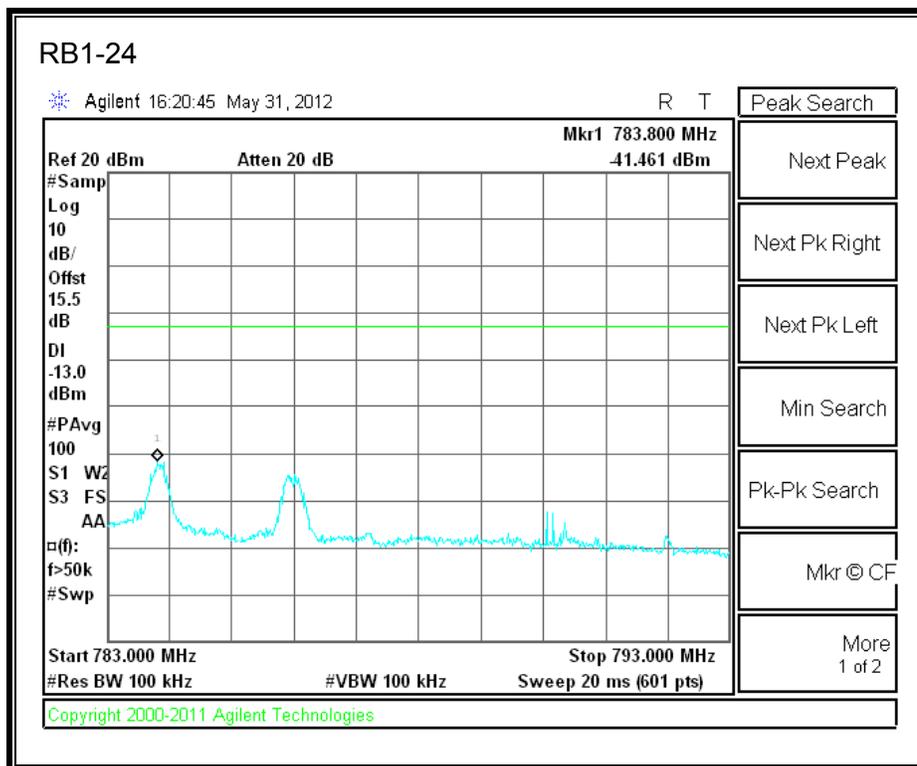
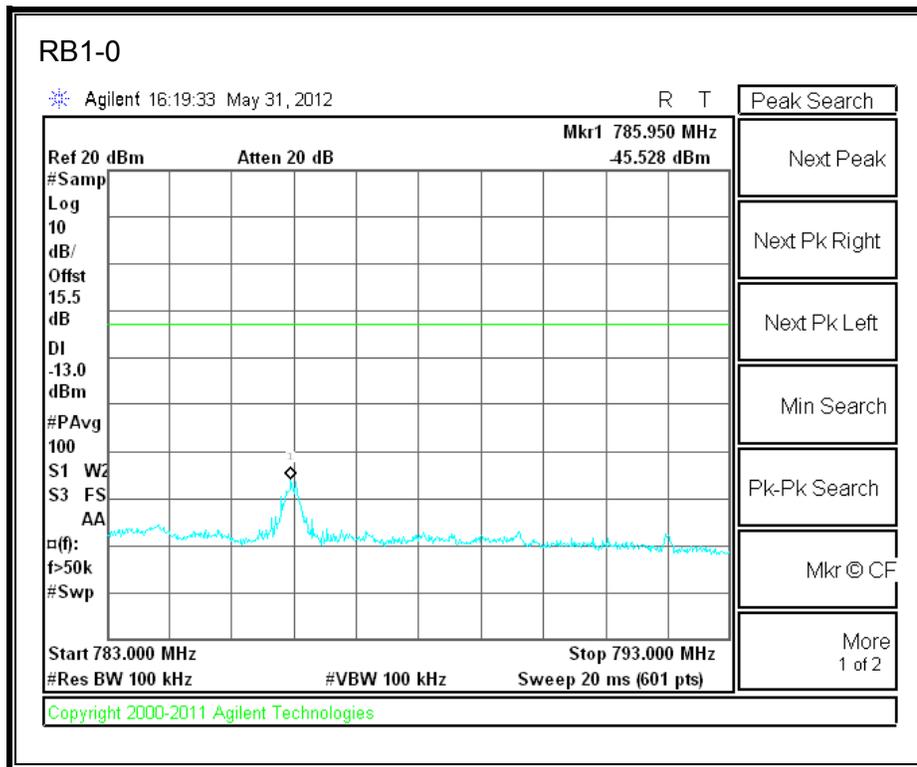


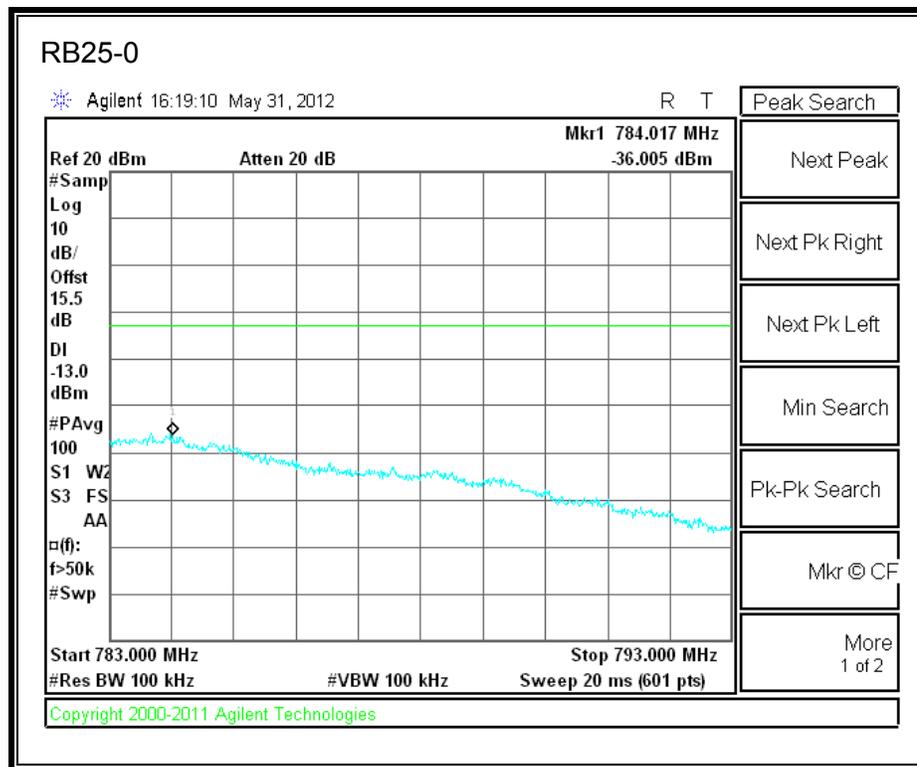
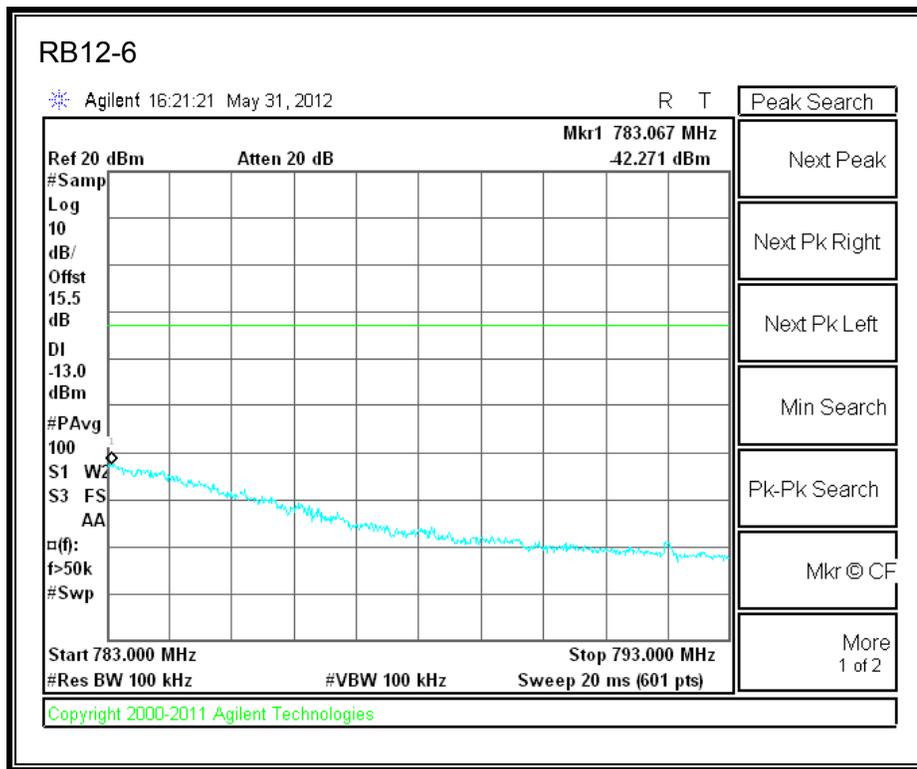
LTE QPSK 779.5MHz Band 13, 783 - 793MHz (5MHz Bandwidth)



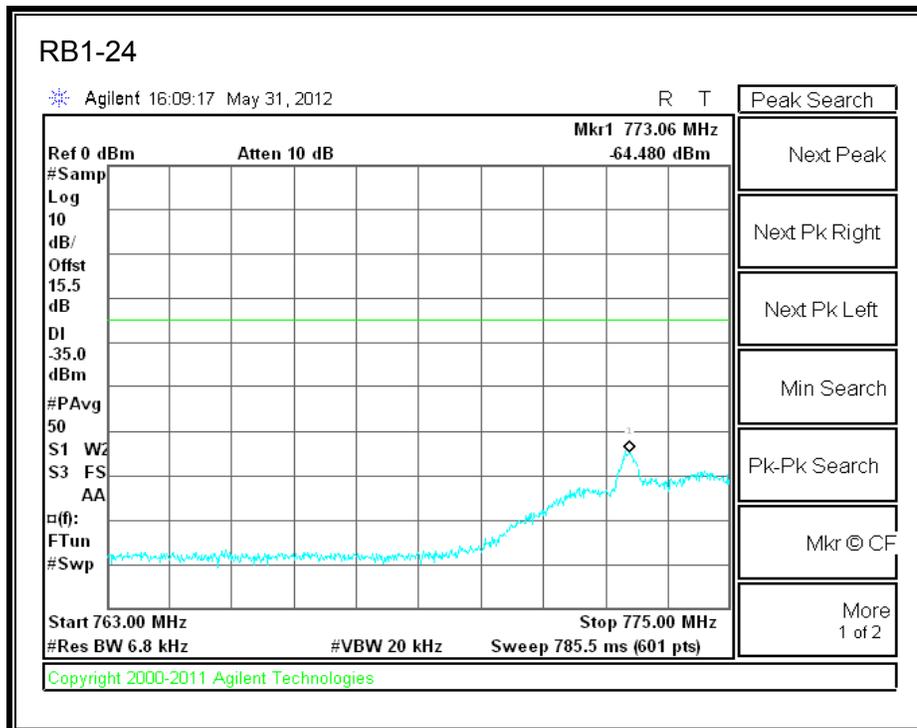
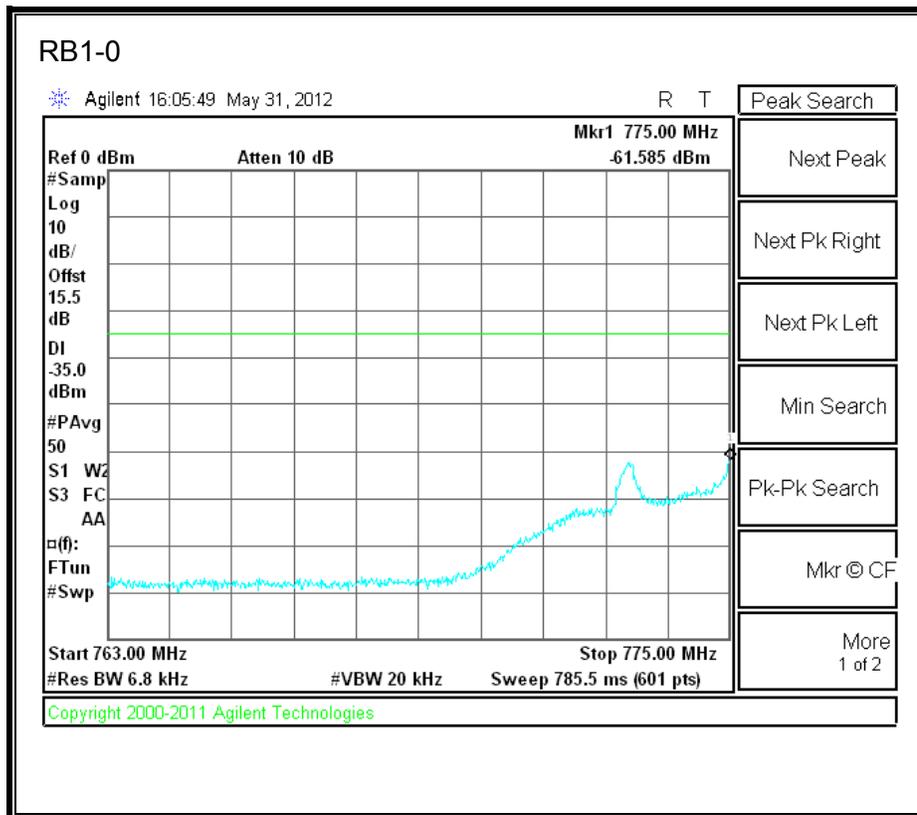


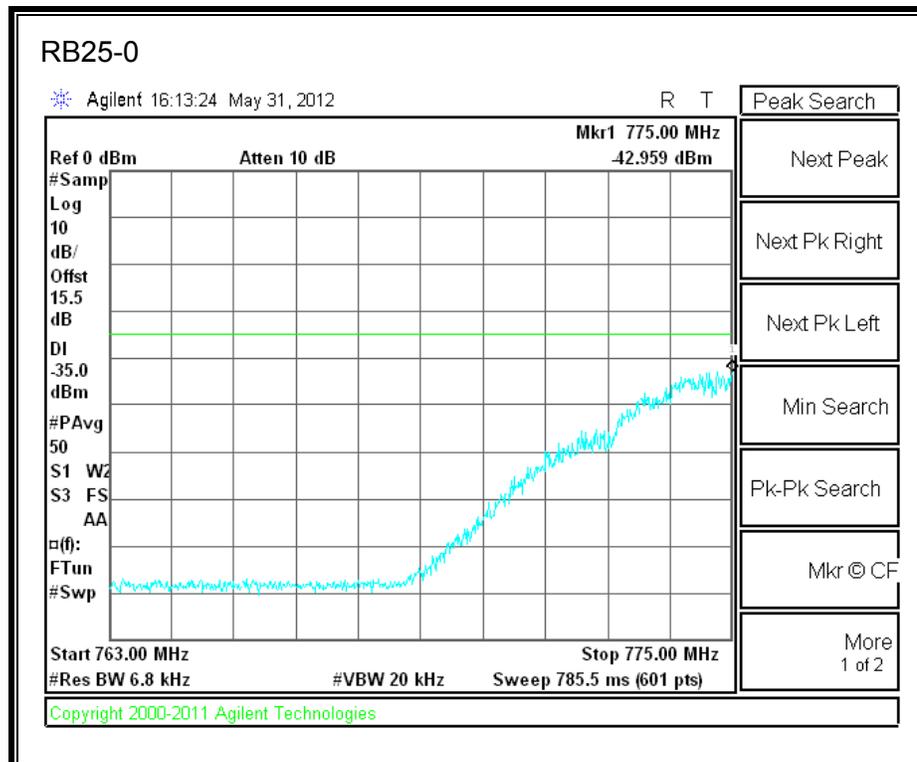
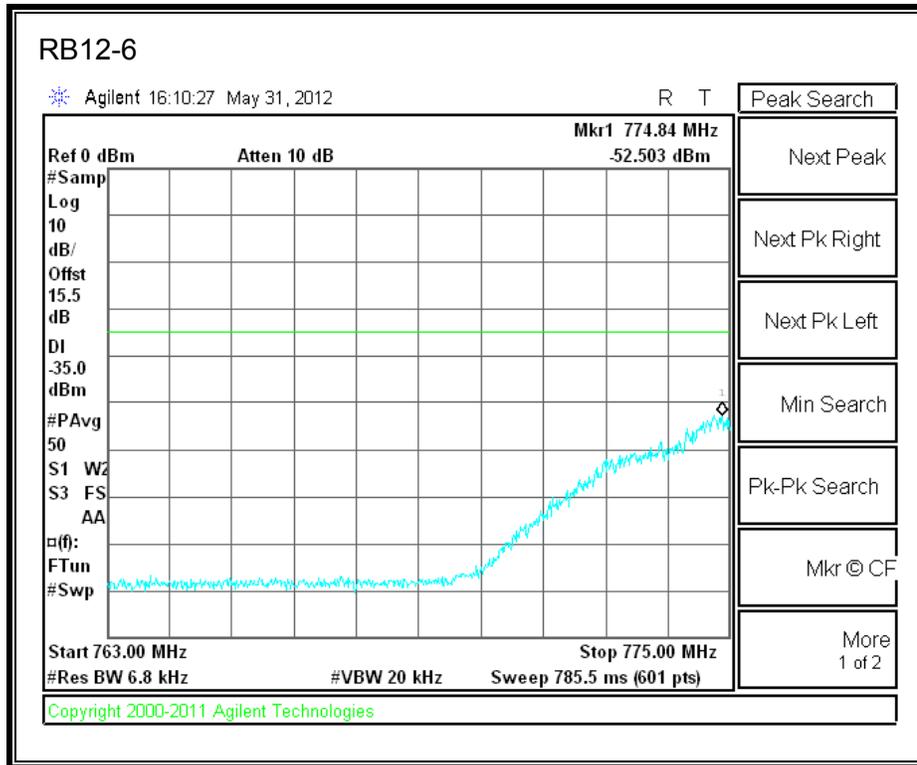
LTE 16QAM 779.5MHz Band 13, 783 - 793MHz (5MHz Bandwidth)



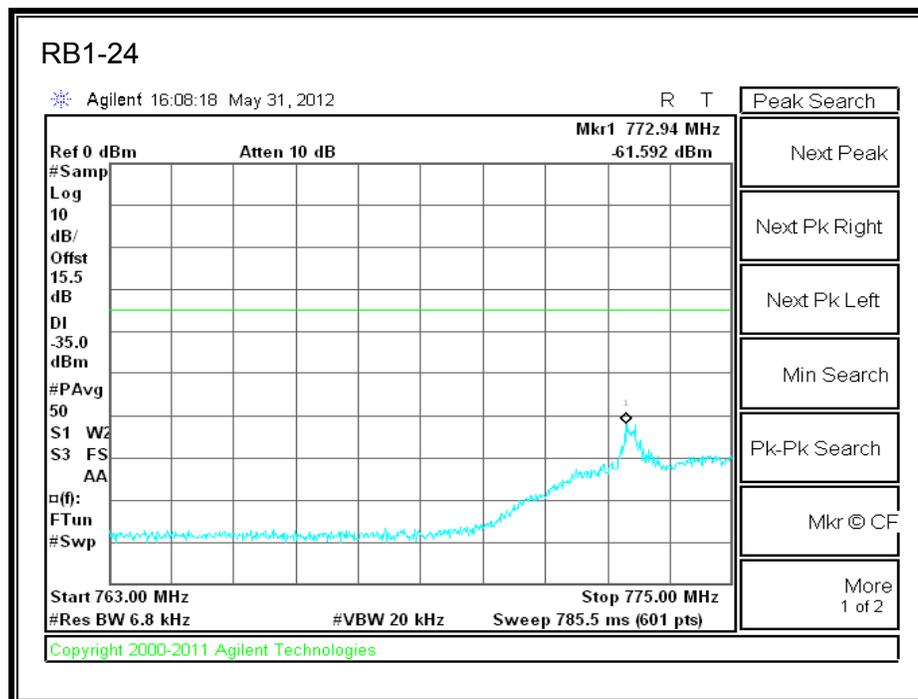
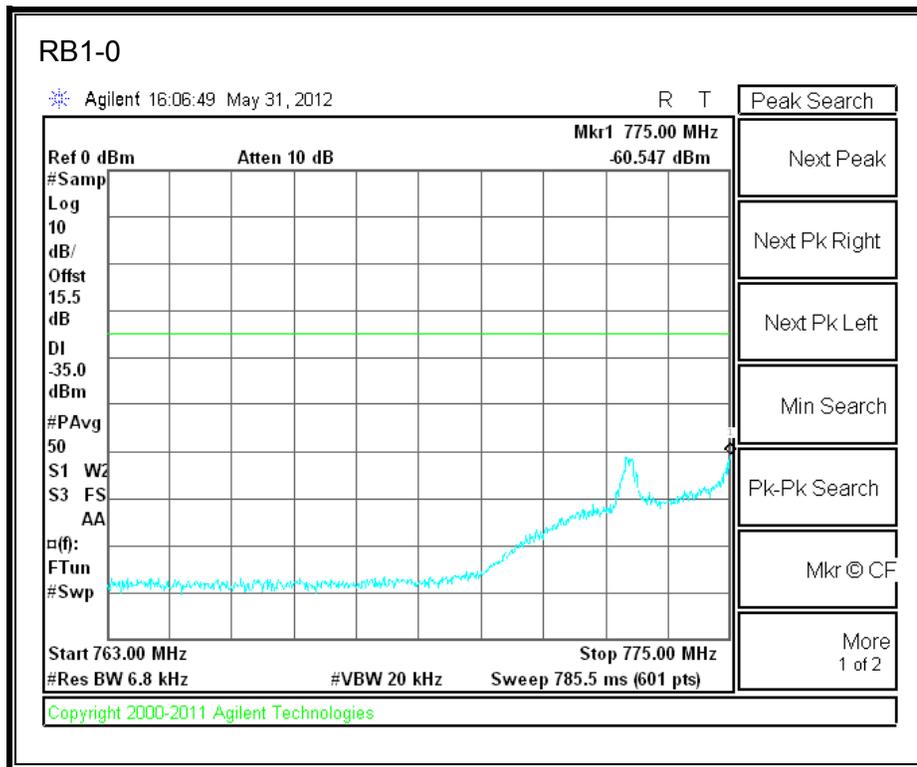


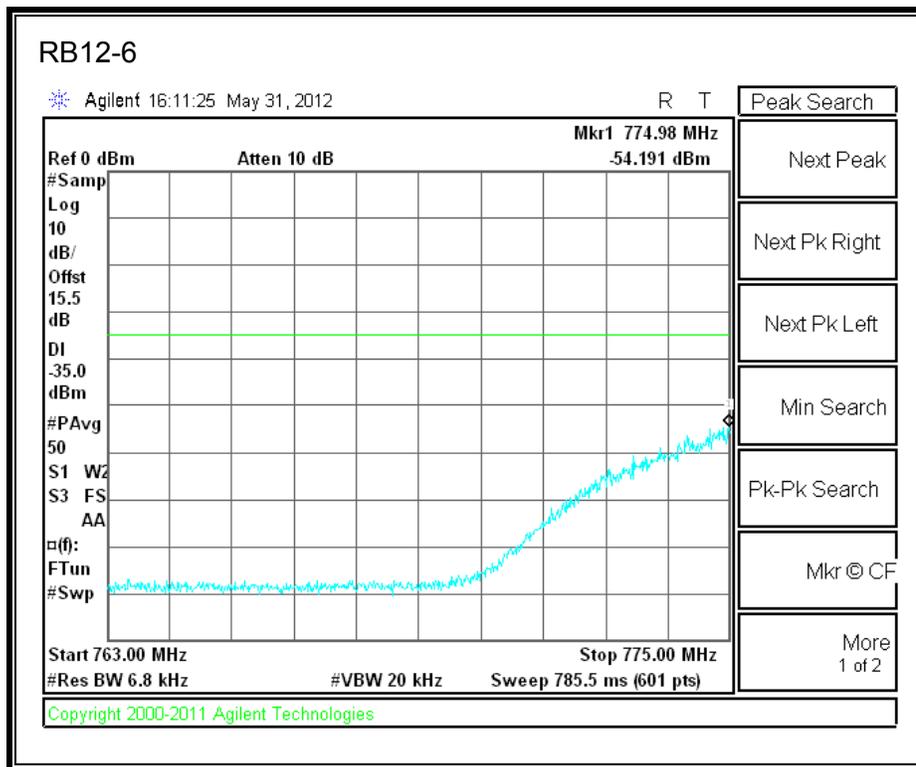
LTE QPSK 779.5MHz Band 13, 763 - 775MHz (5MHz Bandwidth)



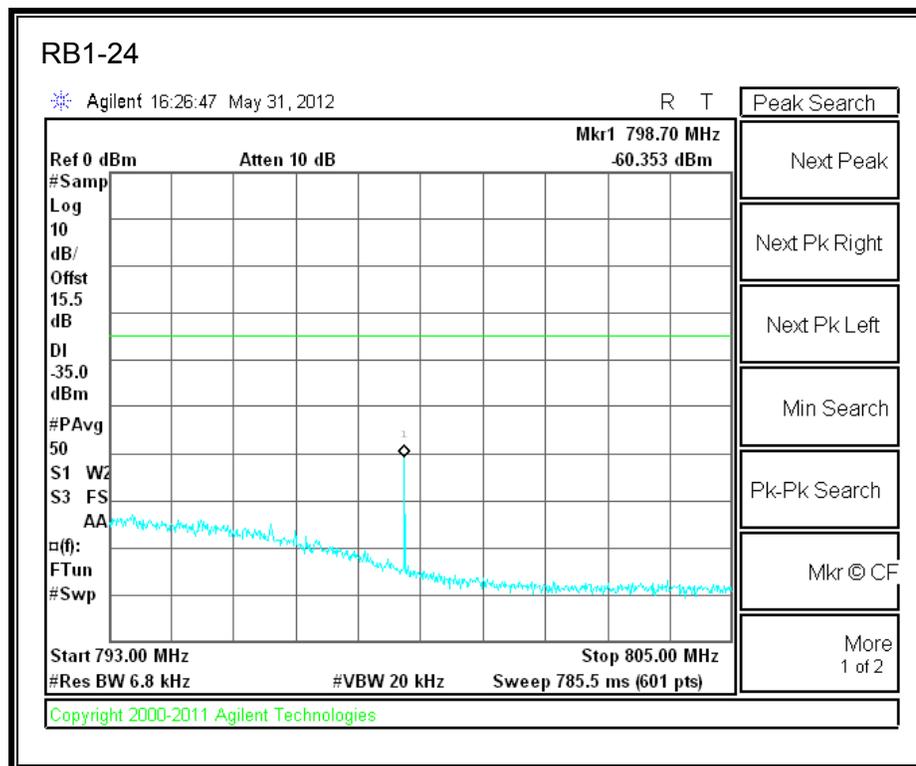
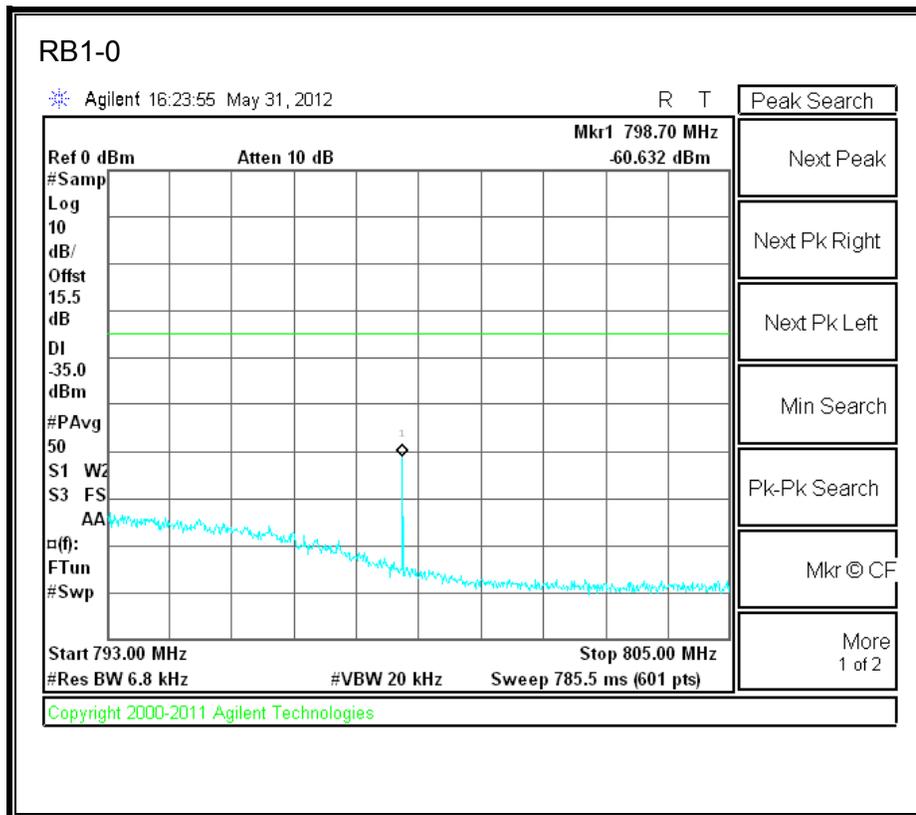


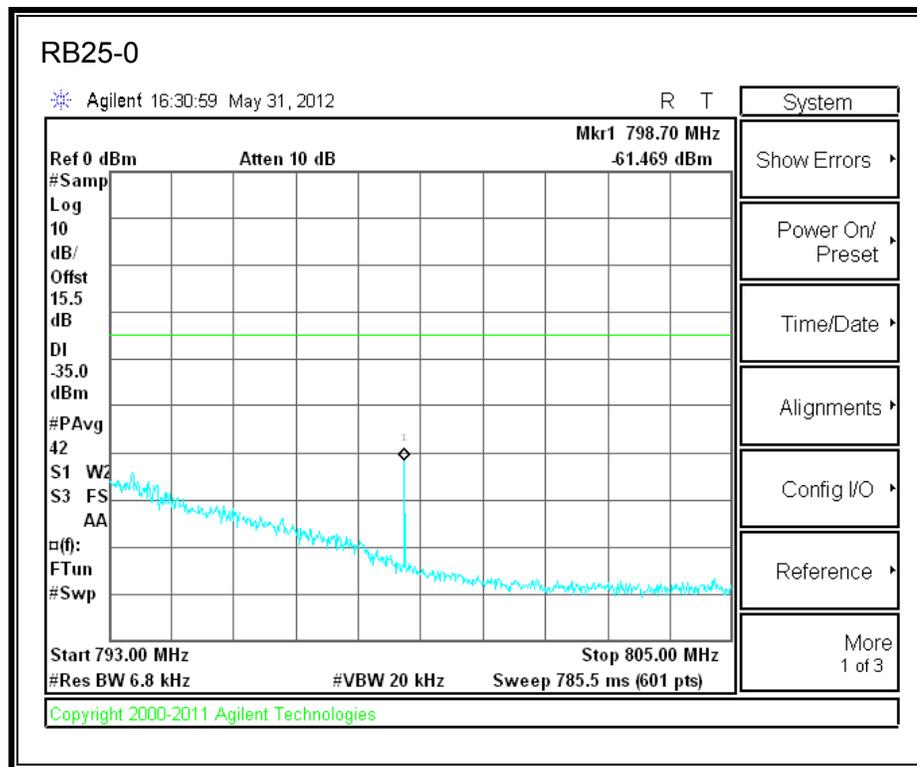
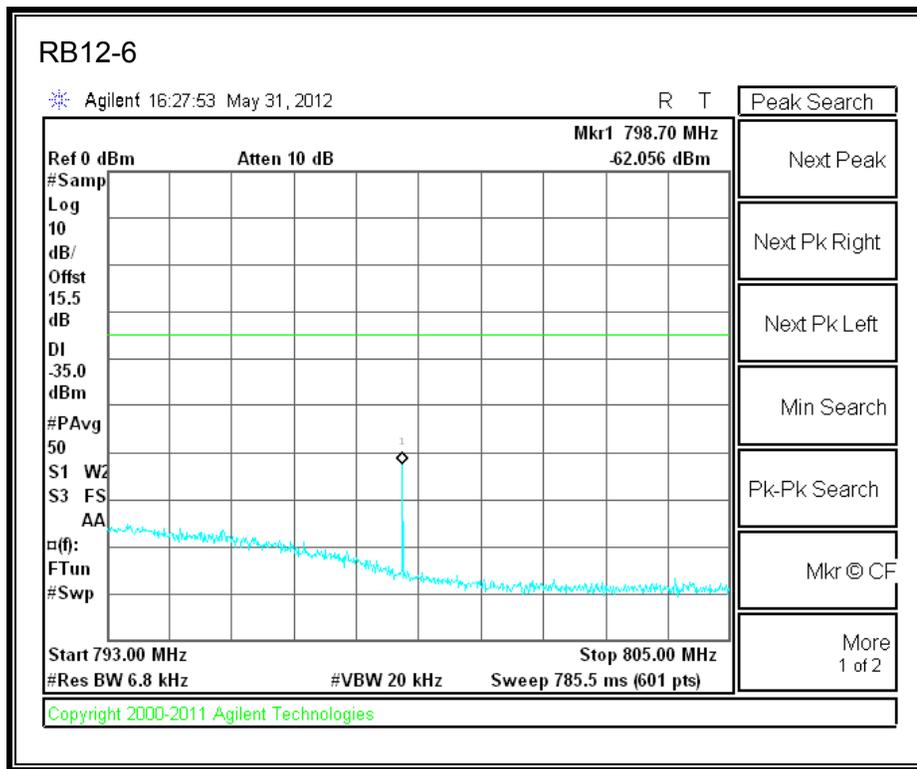
LTE 16QAM 779.5MHz Band 13, 763-775MHz (5MHz Bandwidth)



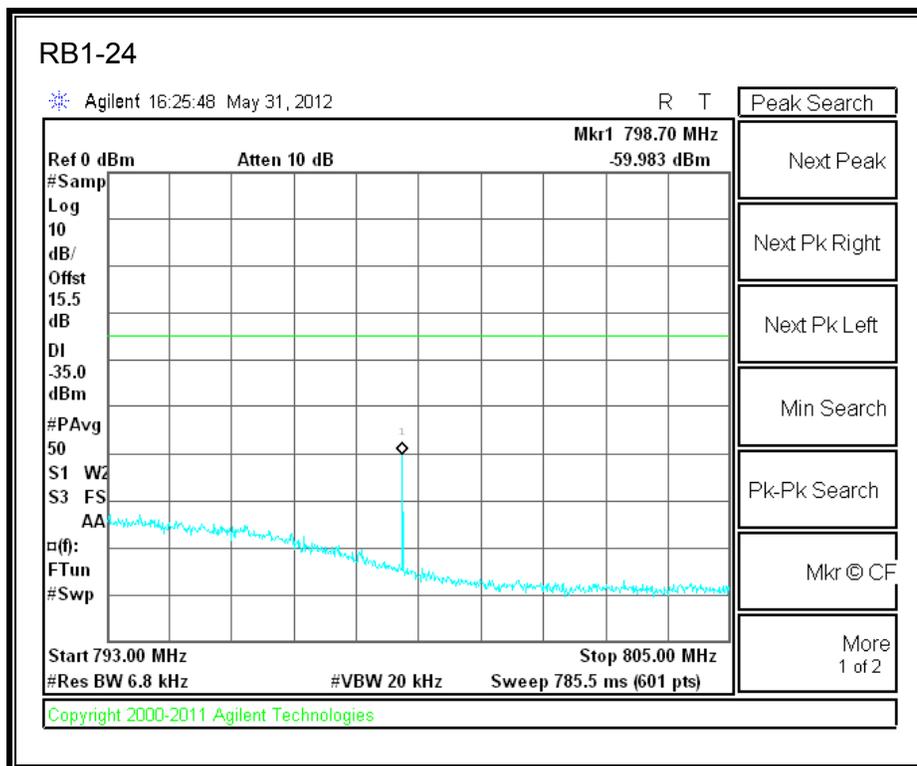
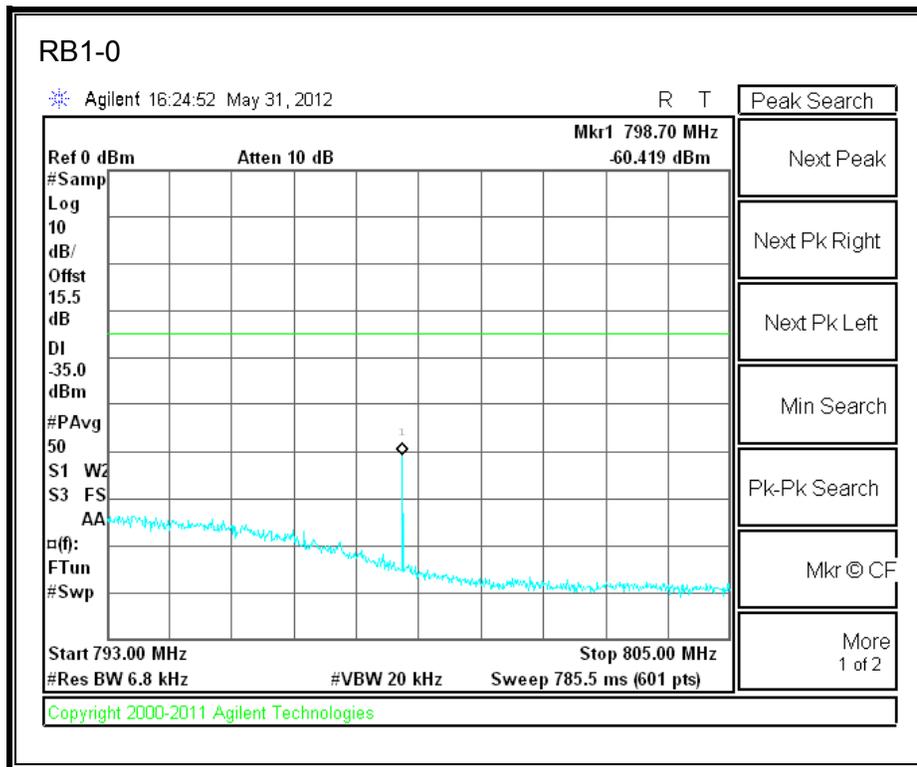


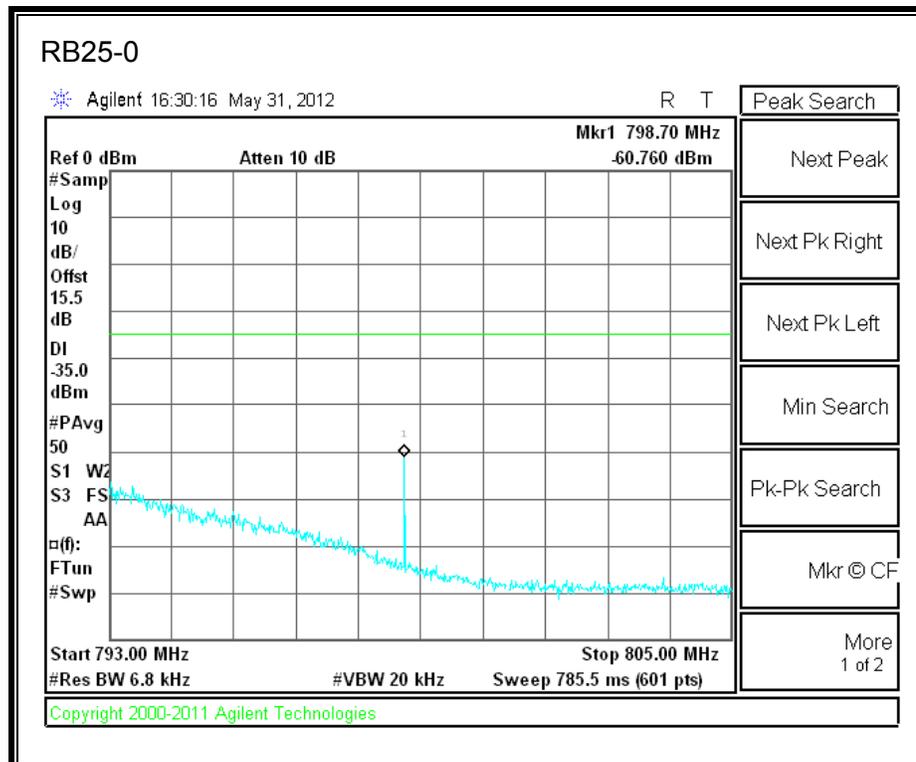
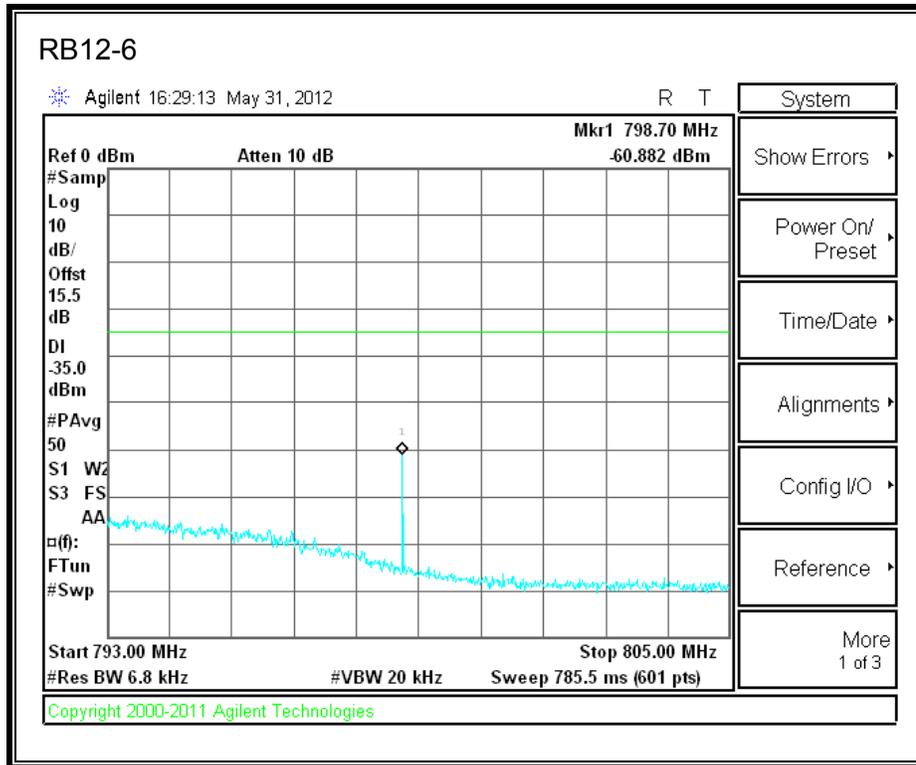
LTE QPSK 779.5MHz Band 13, 793 - 805MHz (5MHz Bandwidth)



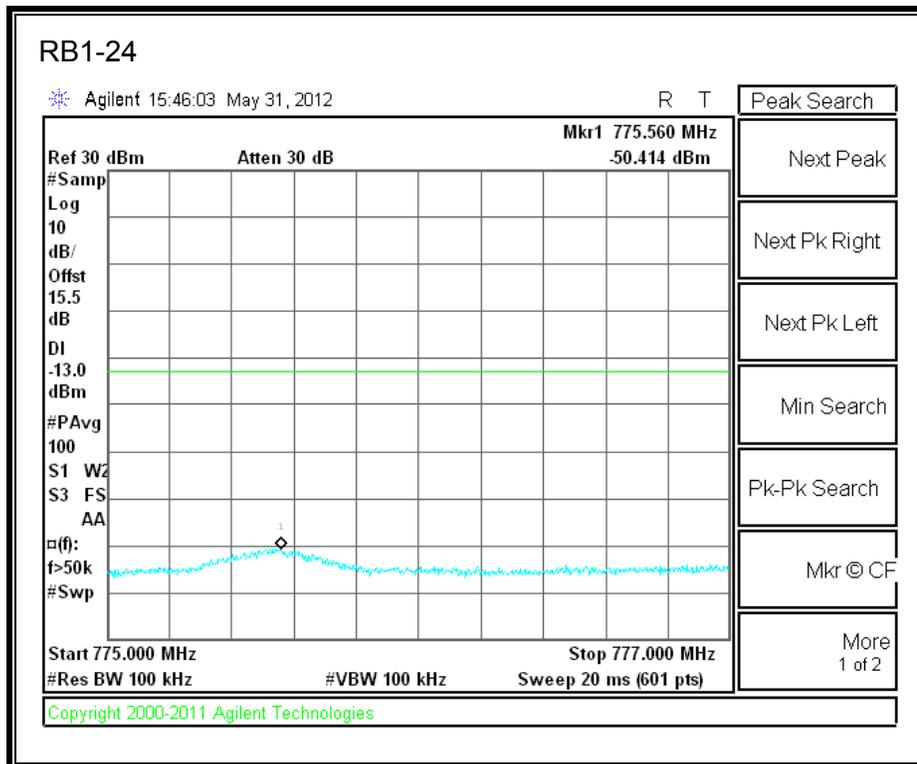
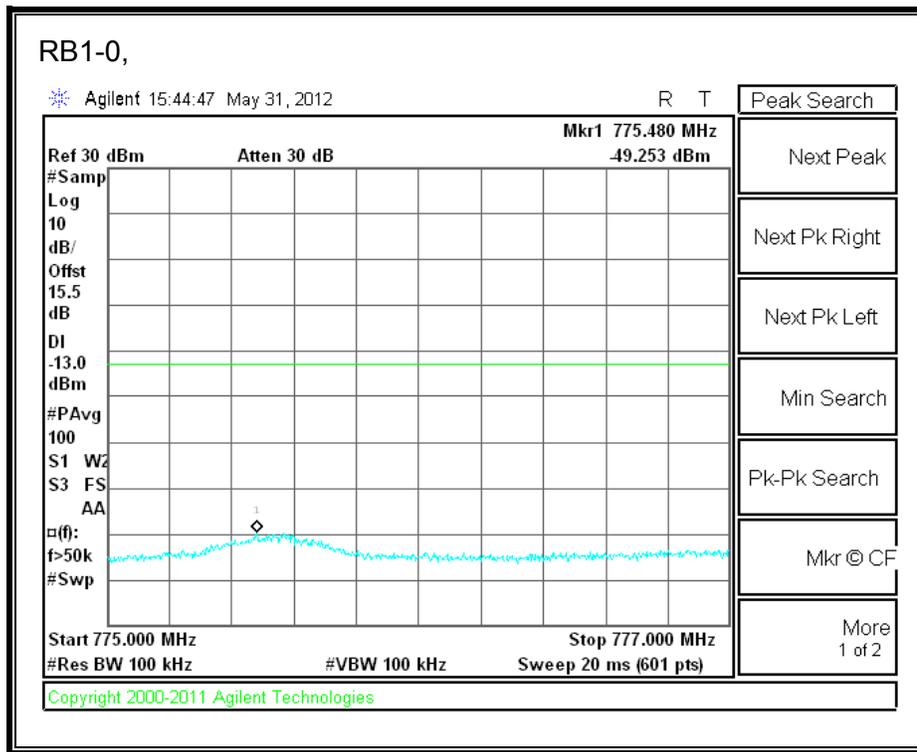


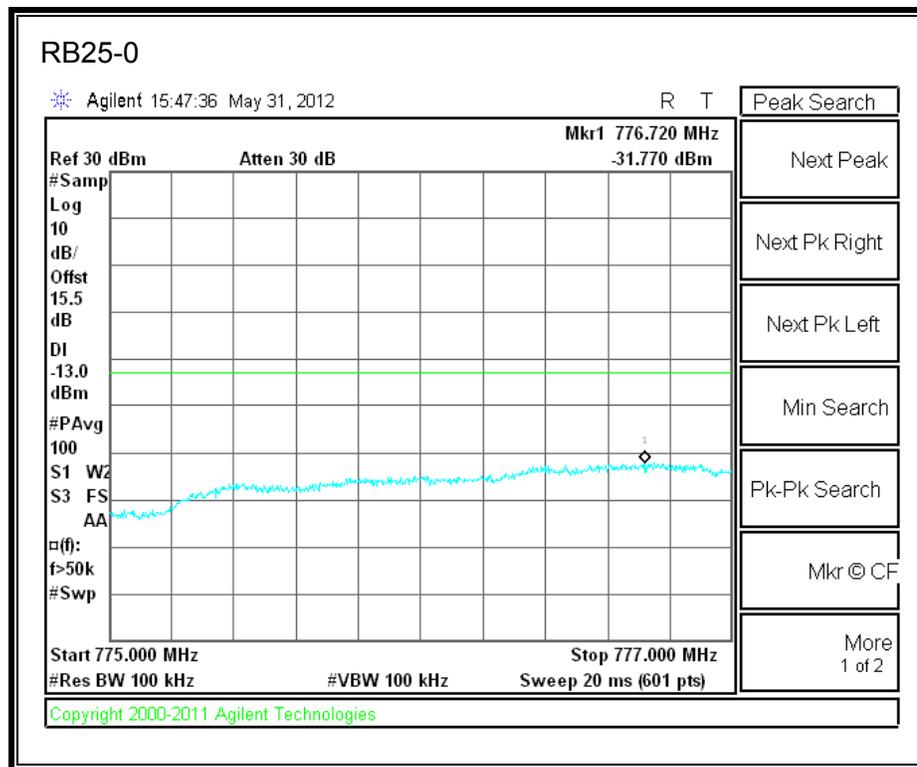
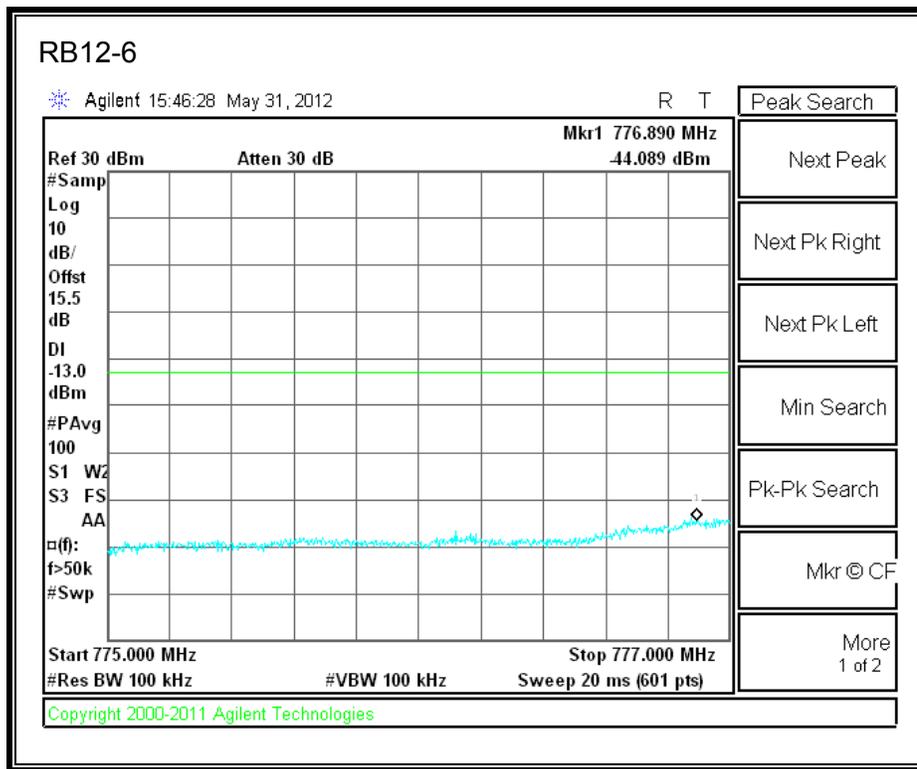
LTE 16QAM 779.5MHz Band 13, 793 - 805MHz (5MHz Bandwidth)



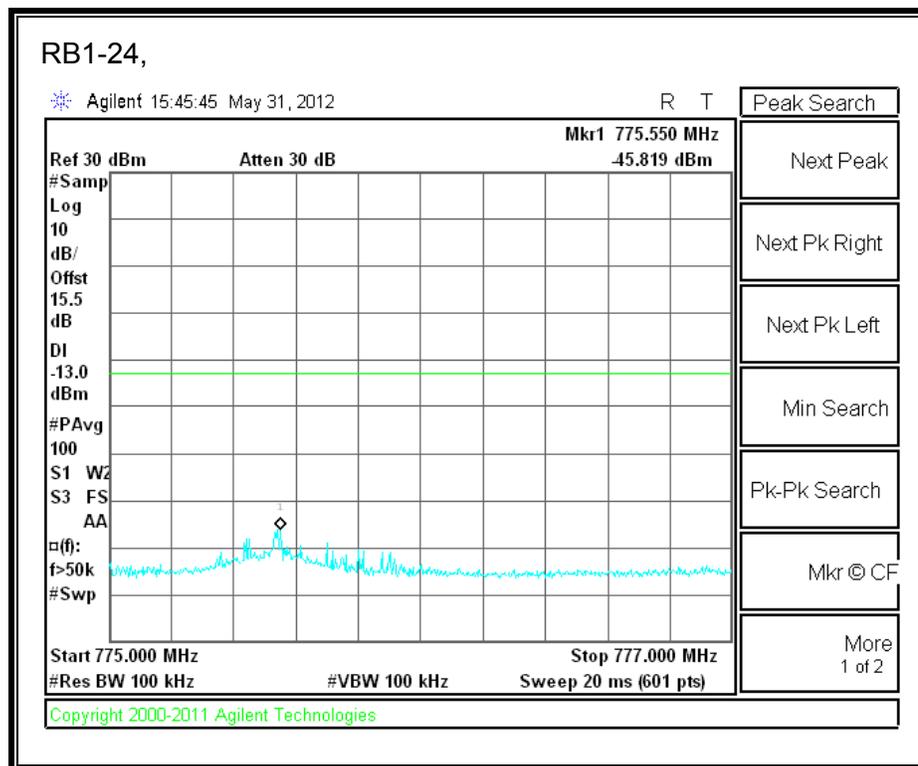
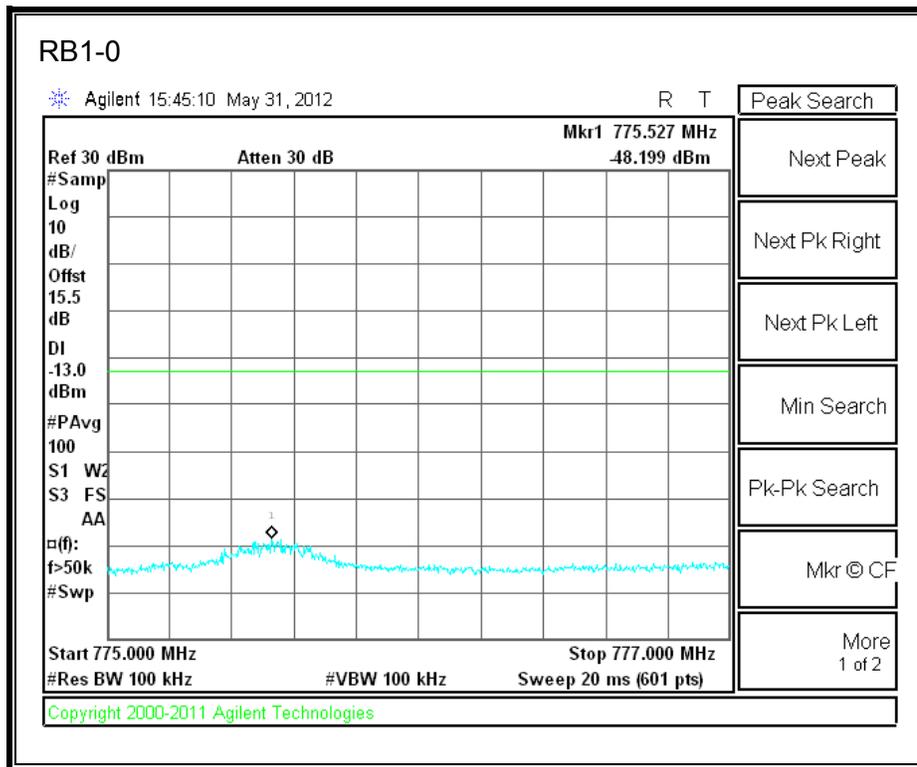


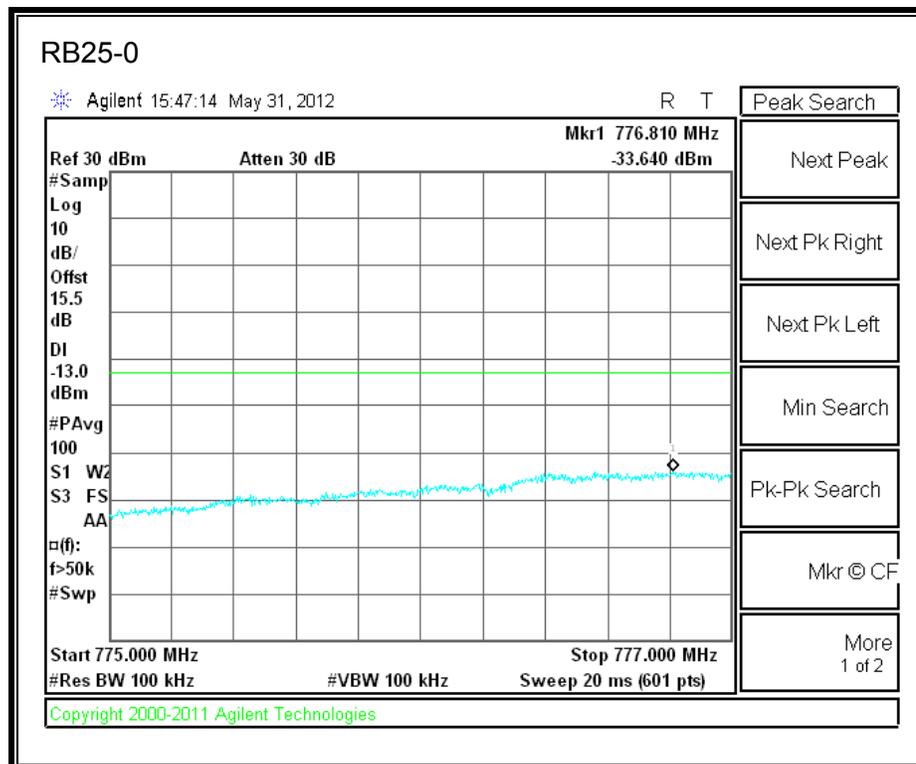
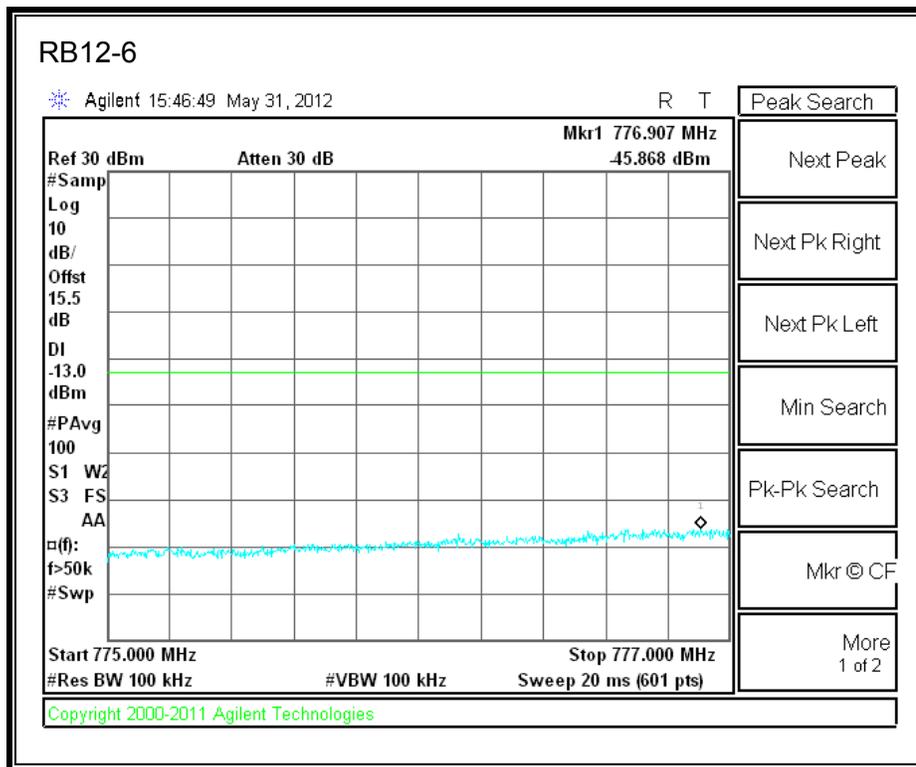
LTE QPSK 782 MHz Band 13, 775 - 777MHz (5MHz Bandwidth)



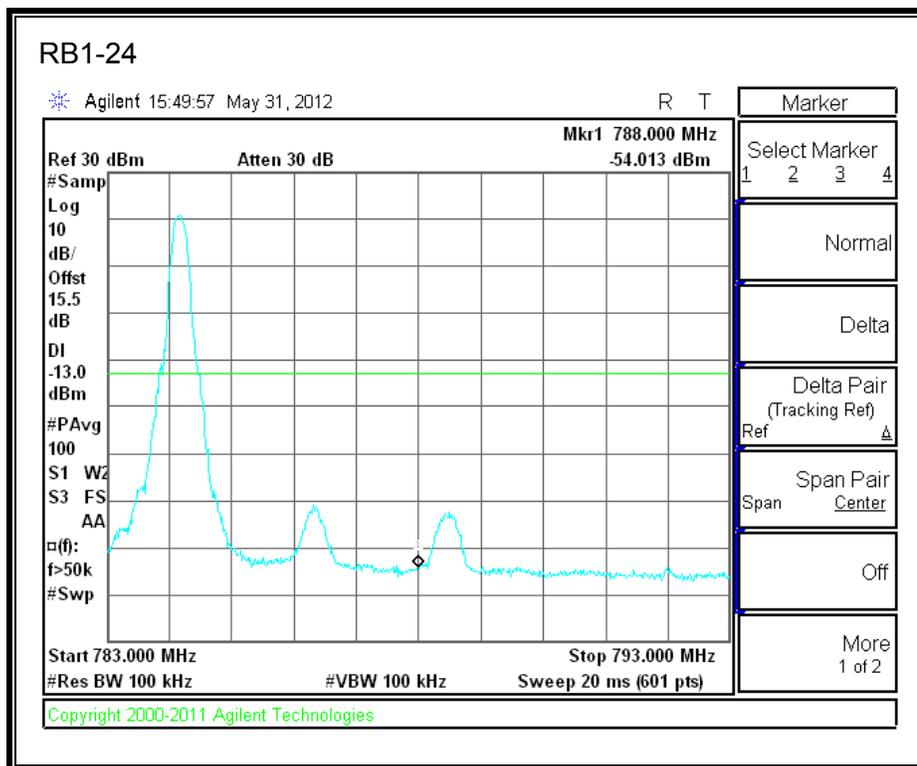
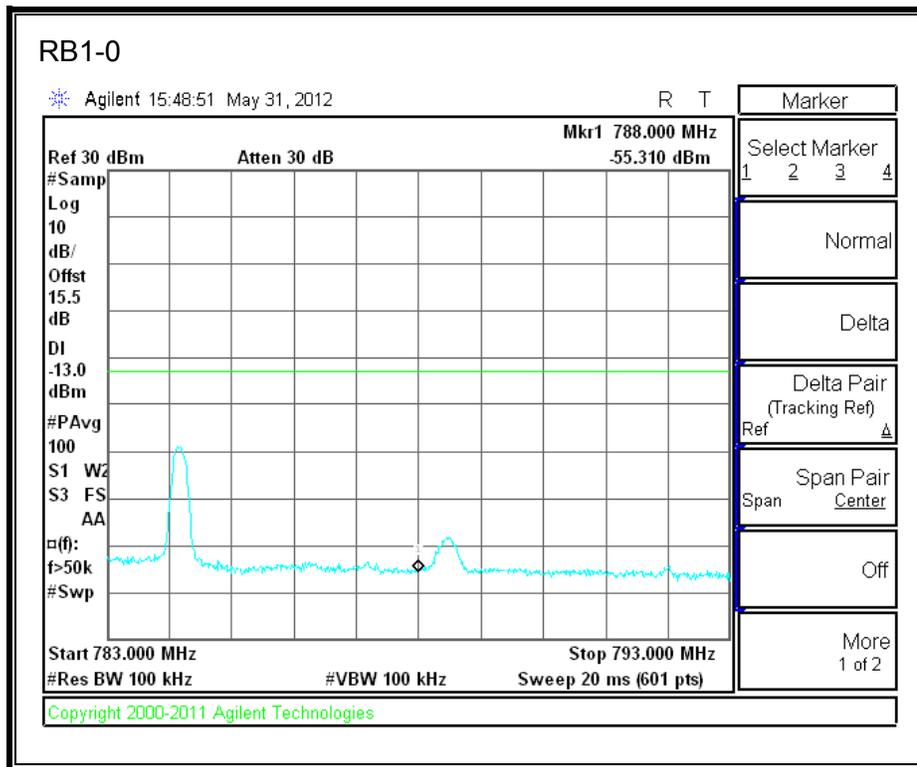


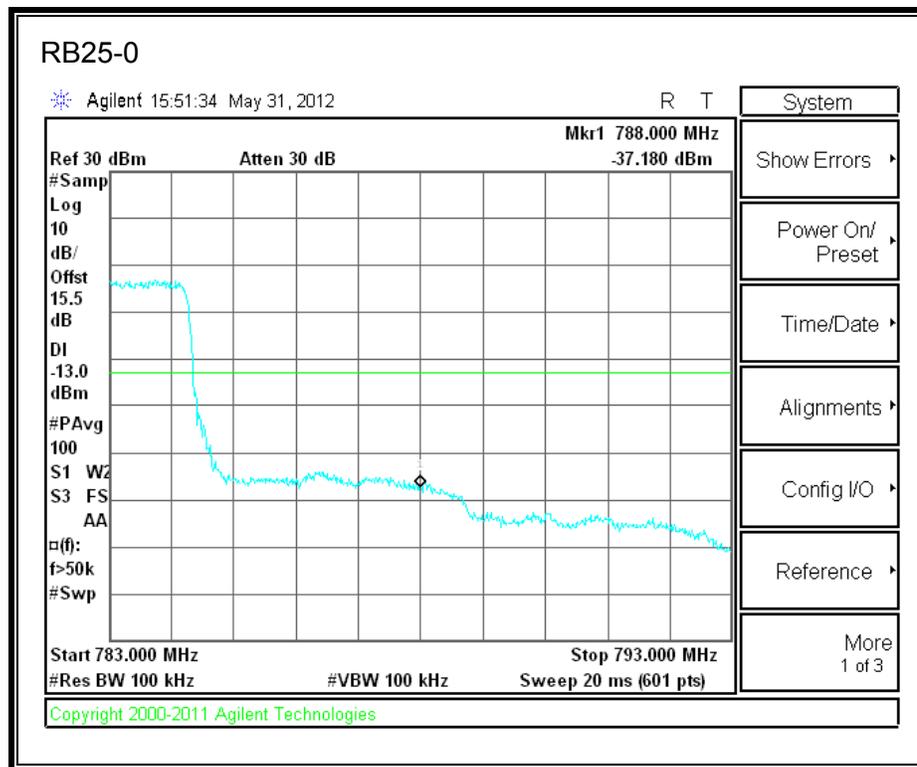
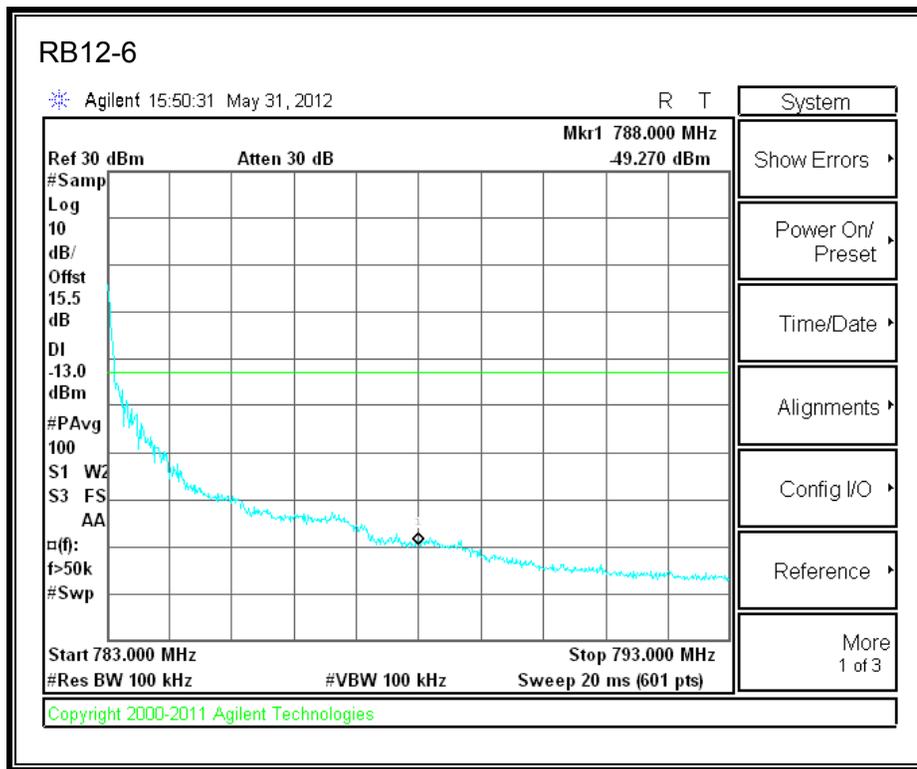
LTE 16QAM 782MHz Band 13, 775 - 777MHz (5MHz Bandwidth)



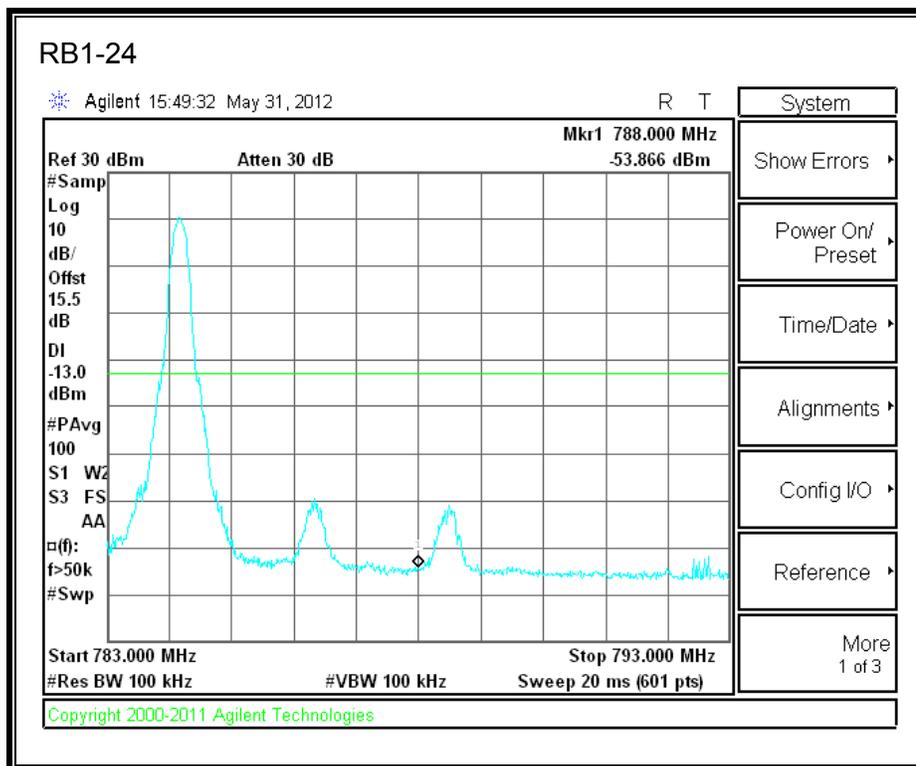
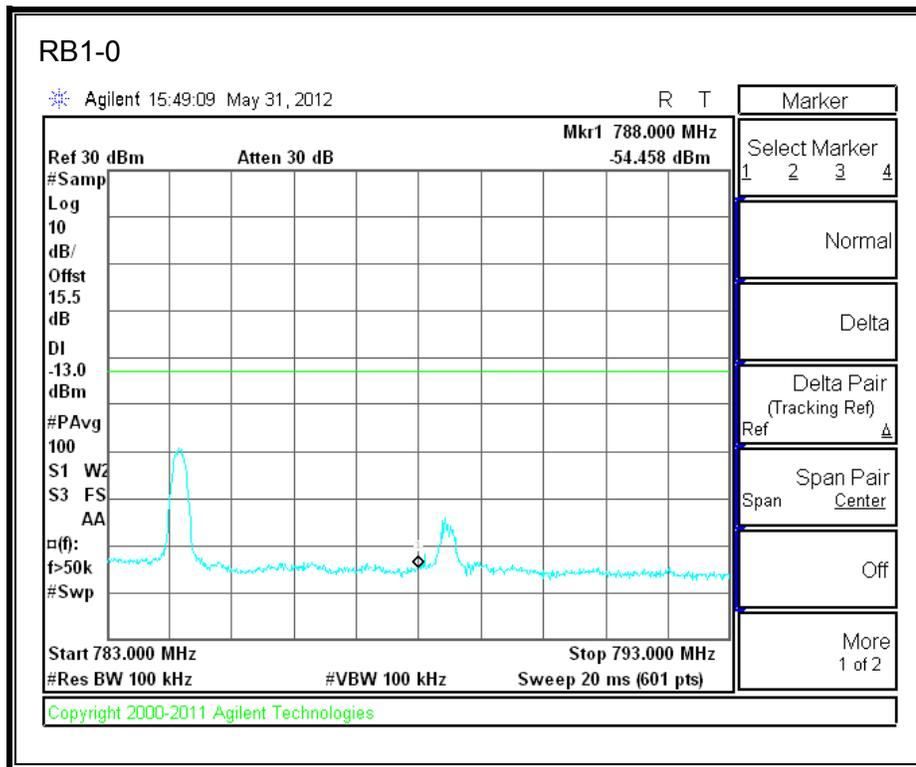


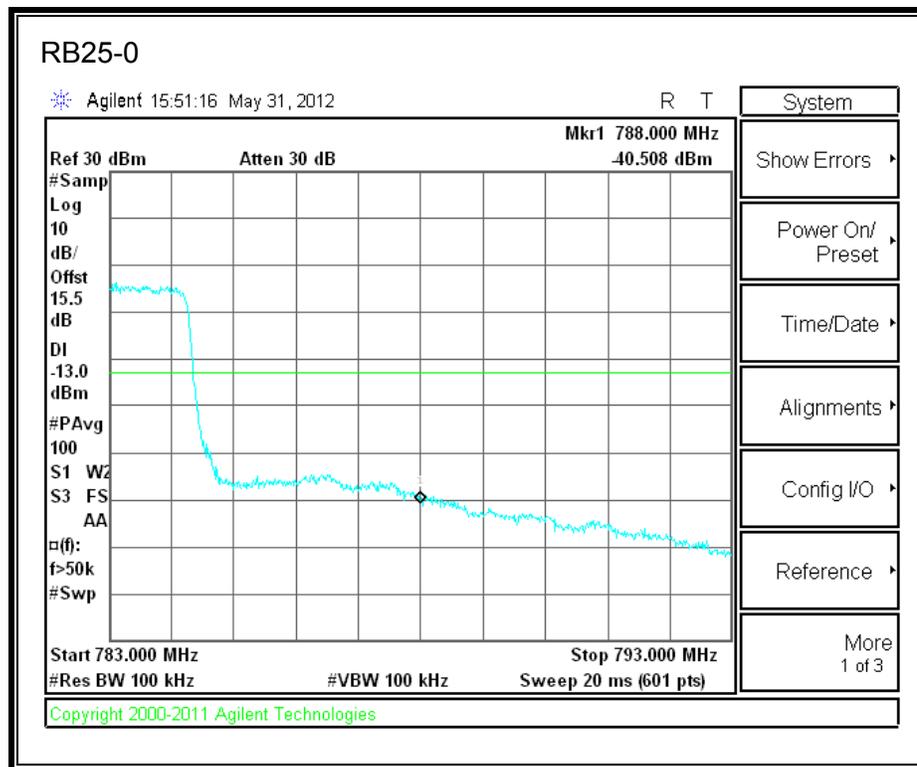
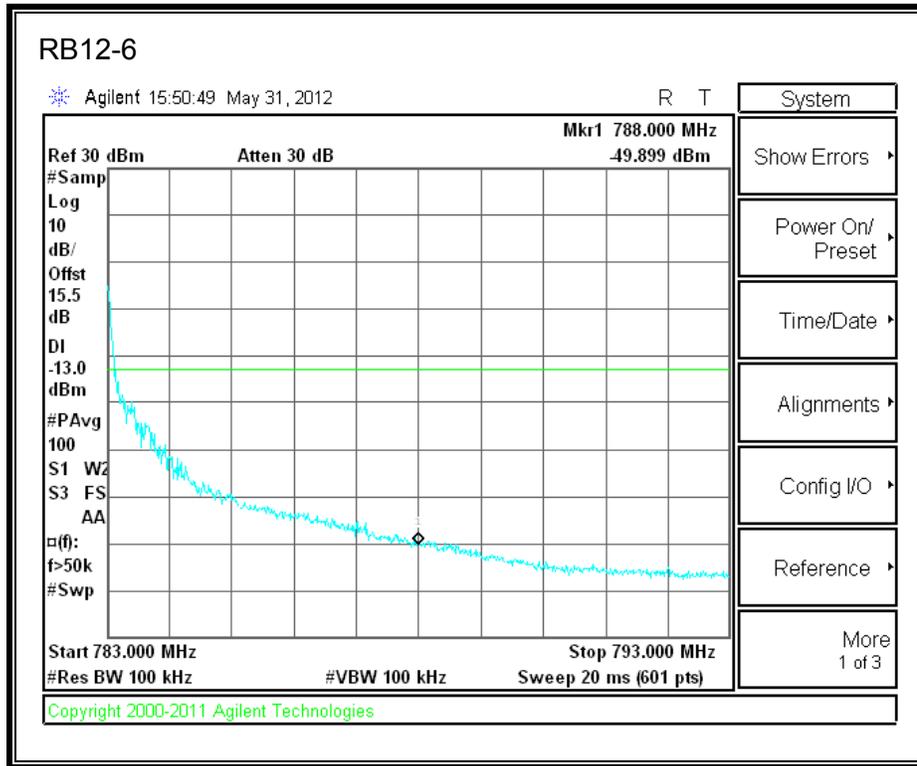
LTE QPSK 782MHz Band 13, 783 - 793MHz (5MHz Bandwidth)



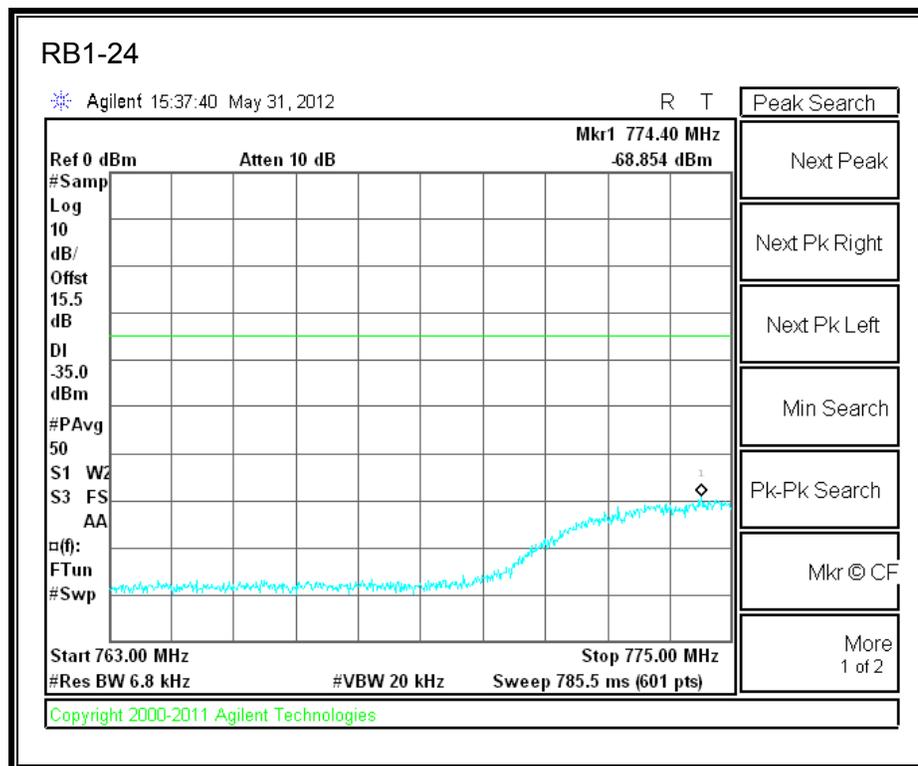
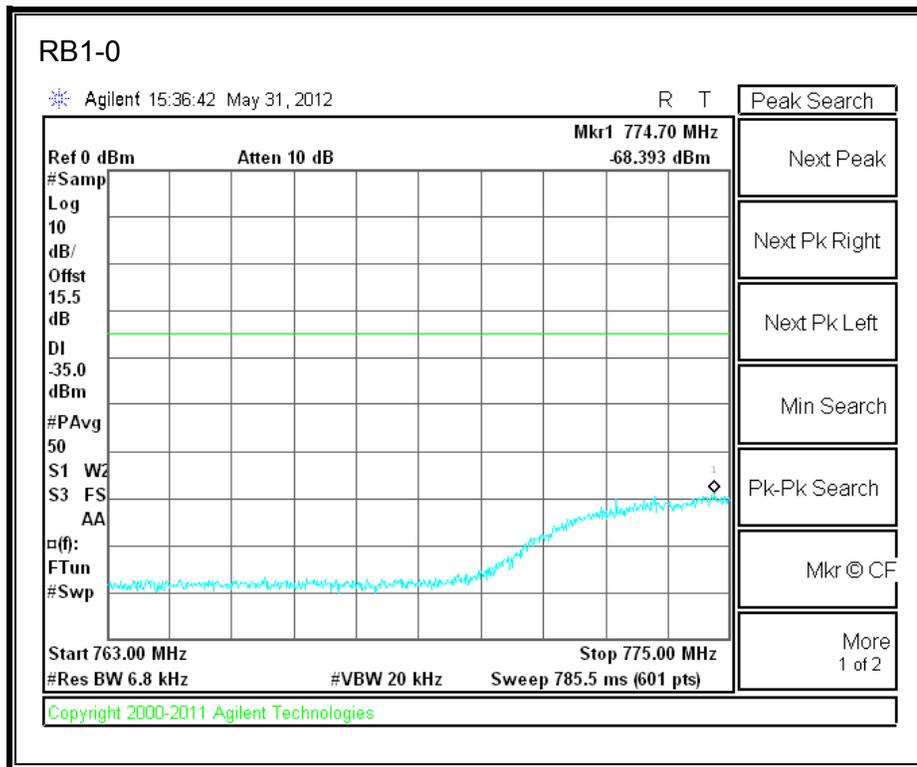


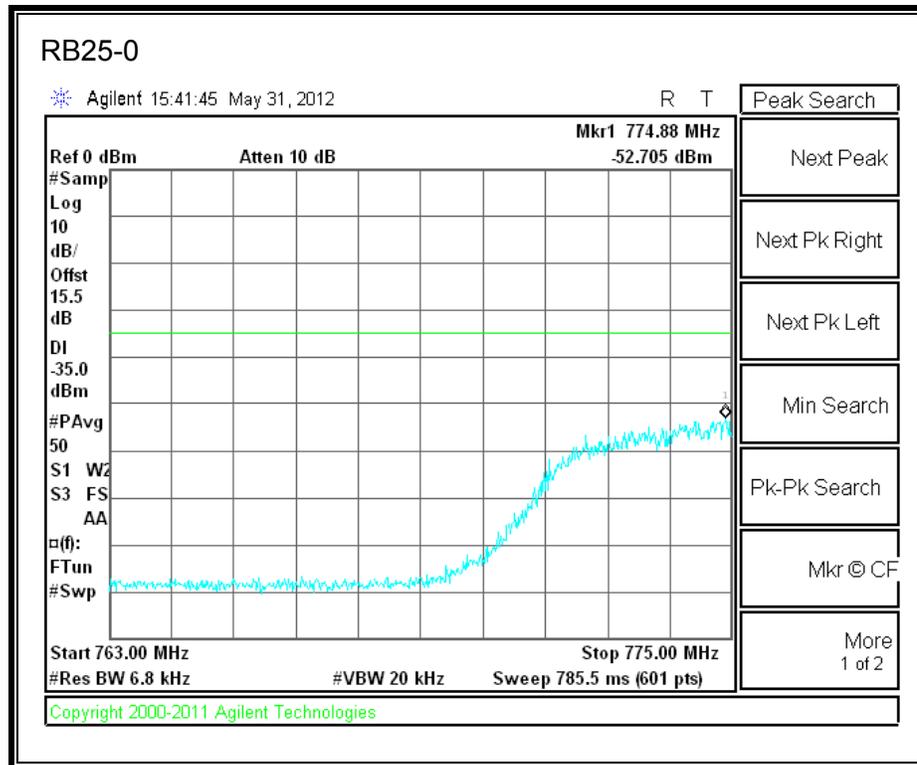
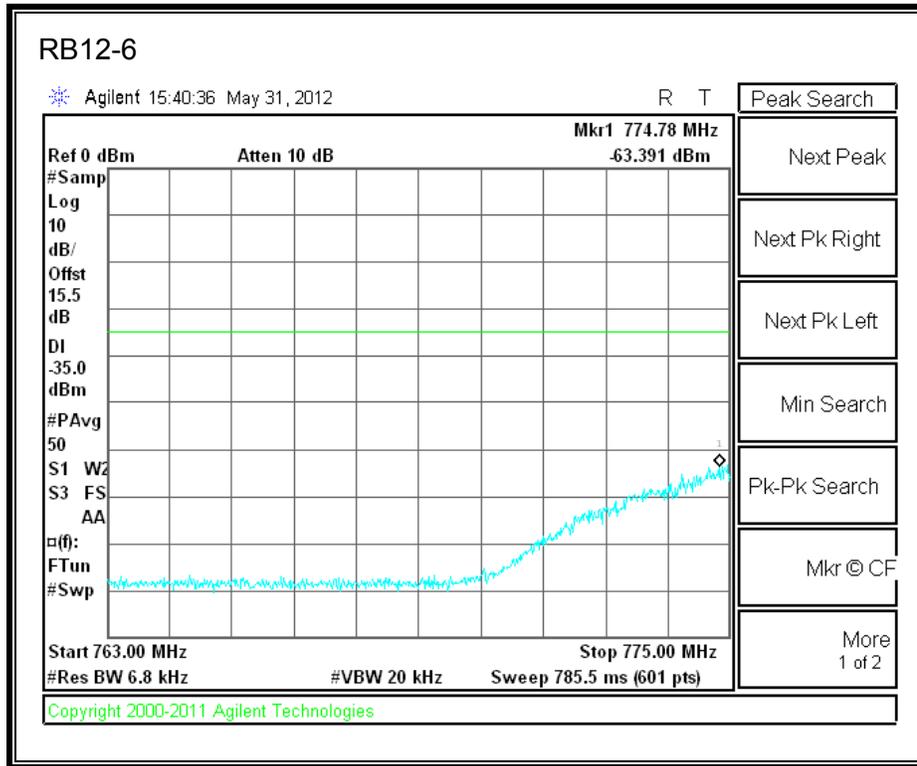
LTE 16QAM 782MHz Band 13, 783 - 793MHz (5MHz Bandwidth)



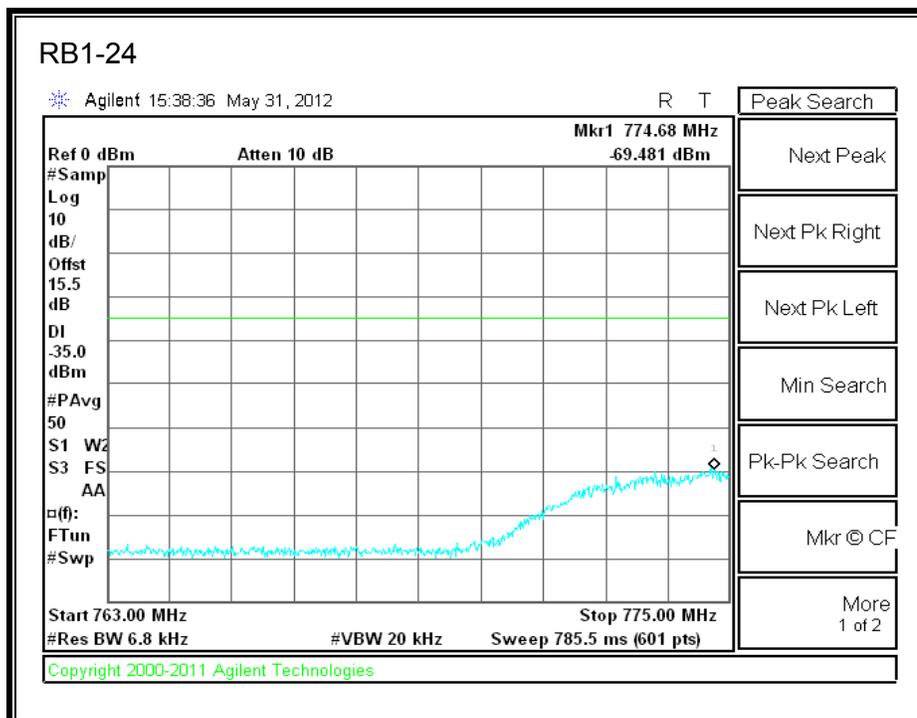
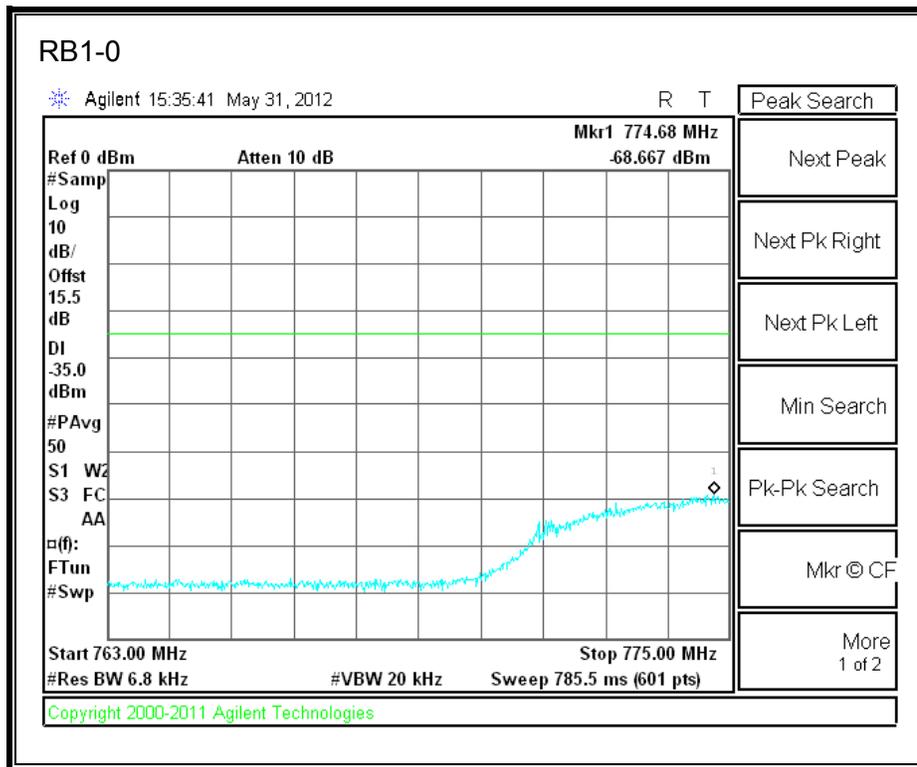


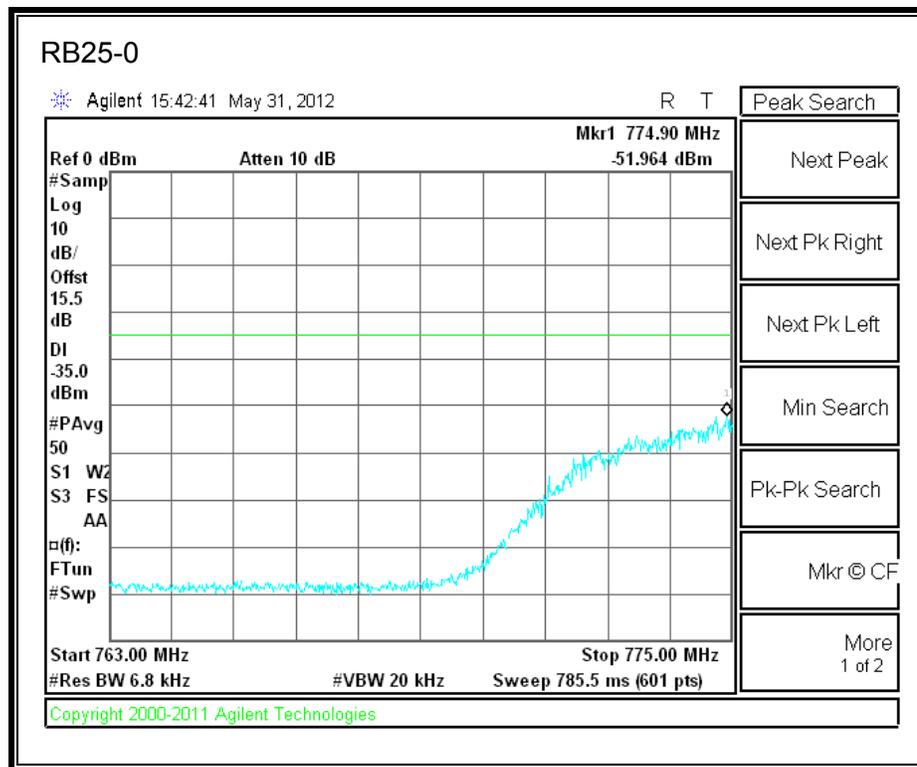
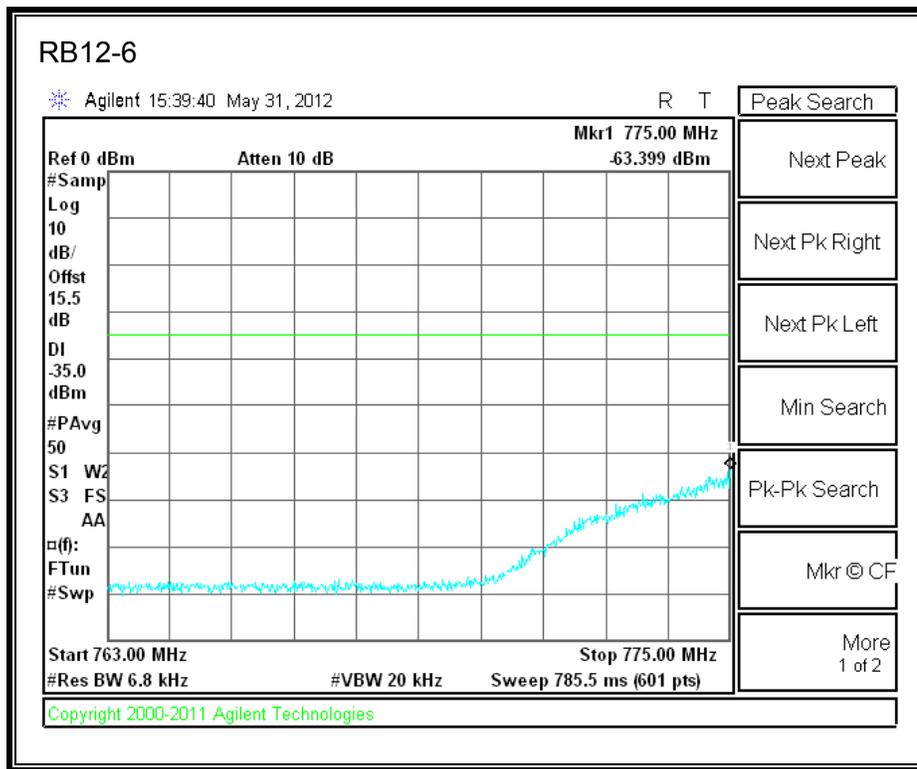
LTE QPSK 782MHz Band 13, 763 - 775MHz (5MHz Bandwidth)



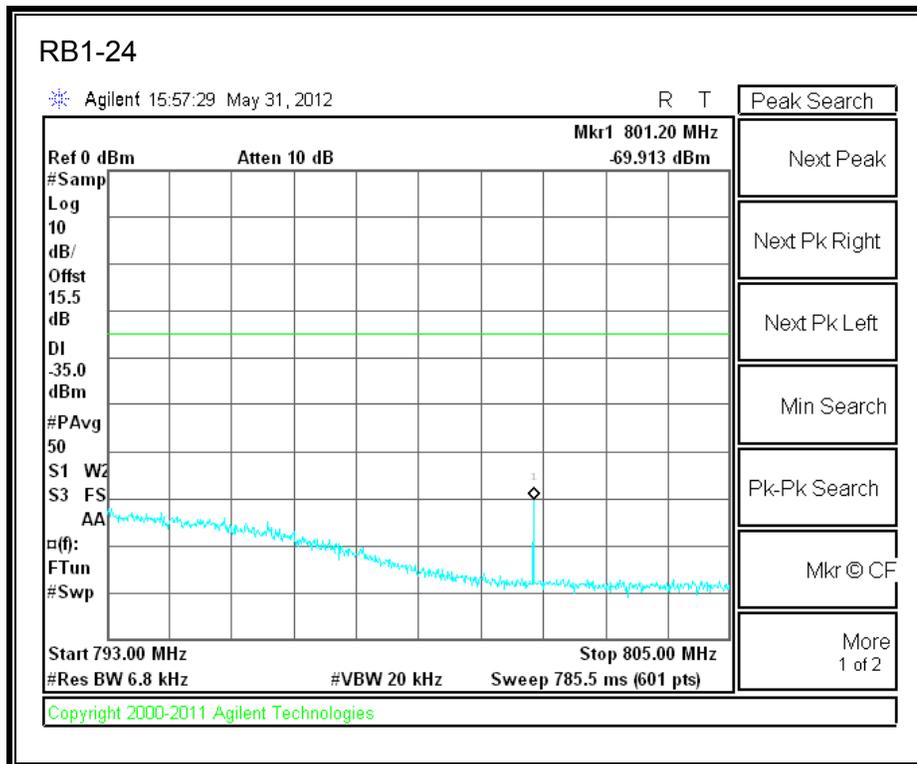
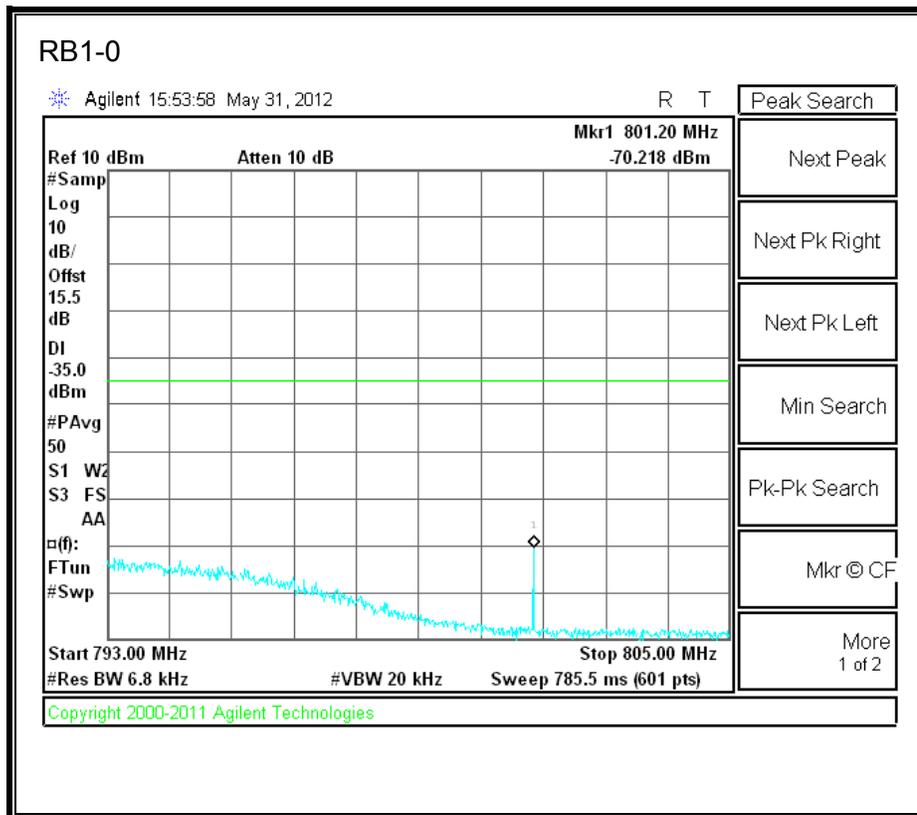


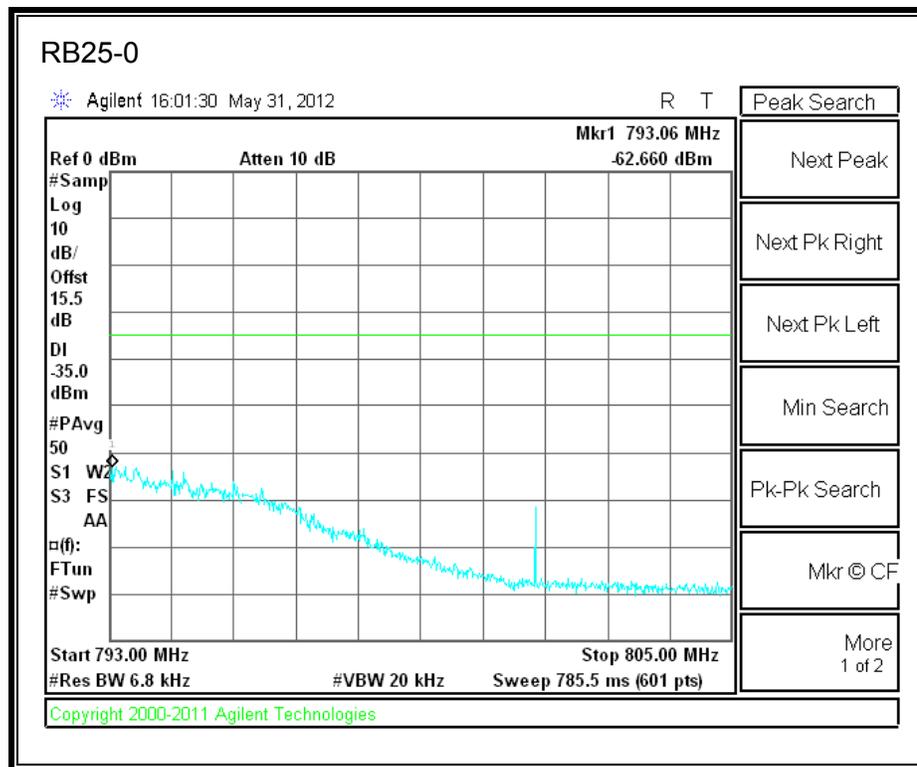
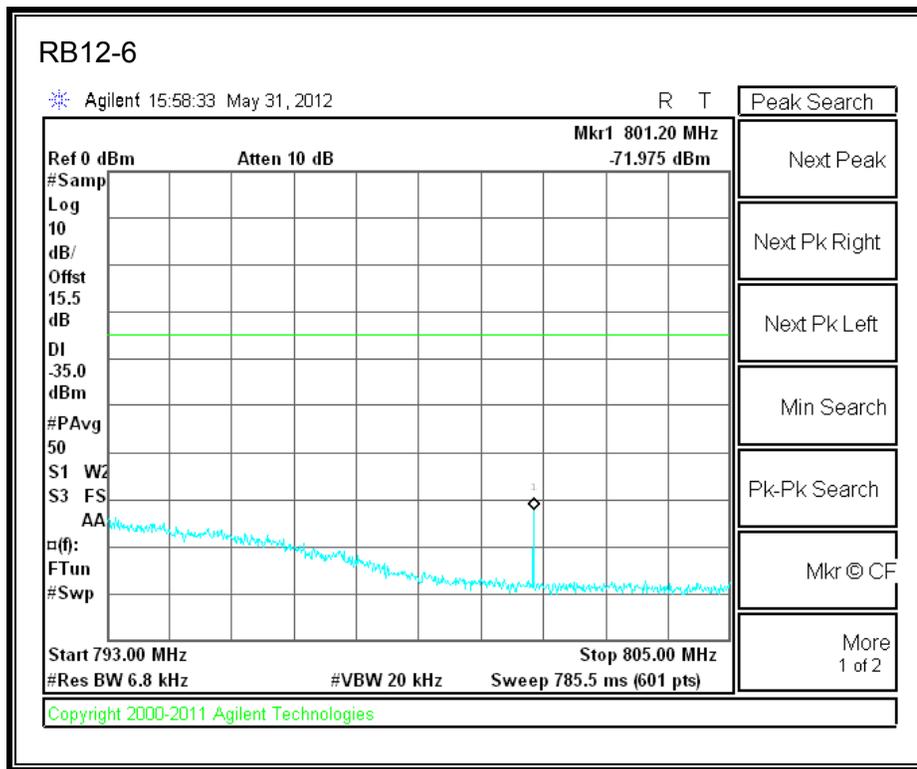
LTE 16QAM 782MHz Band 13, 763-775MHz (5MHz Bandwidth)



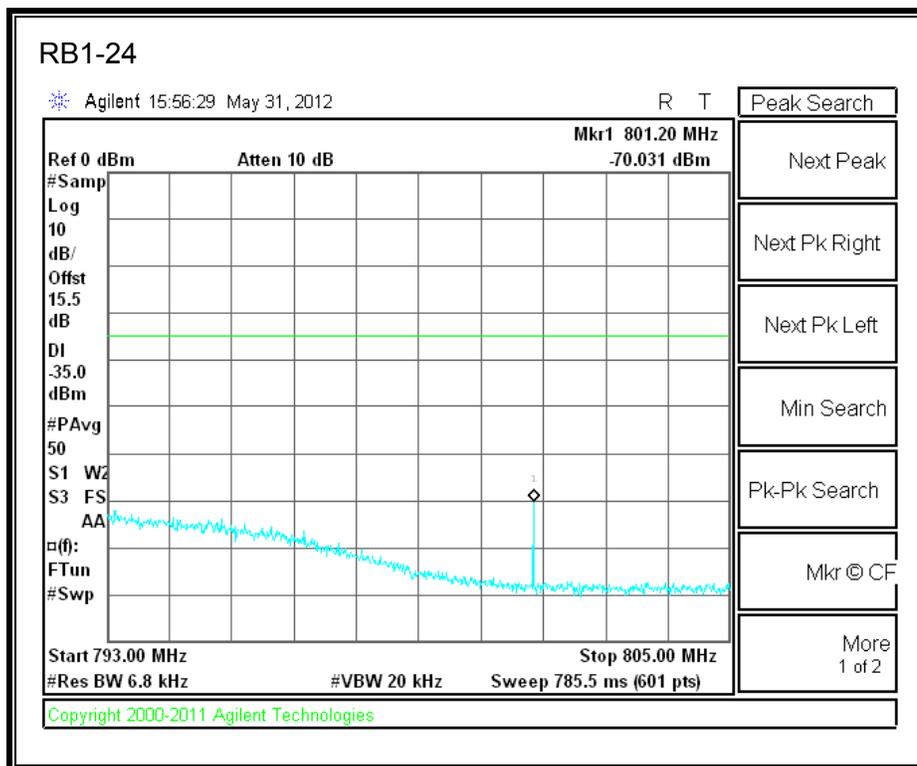
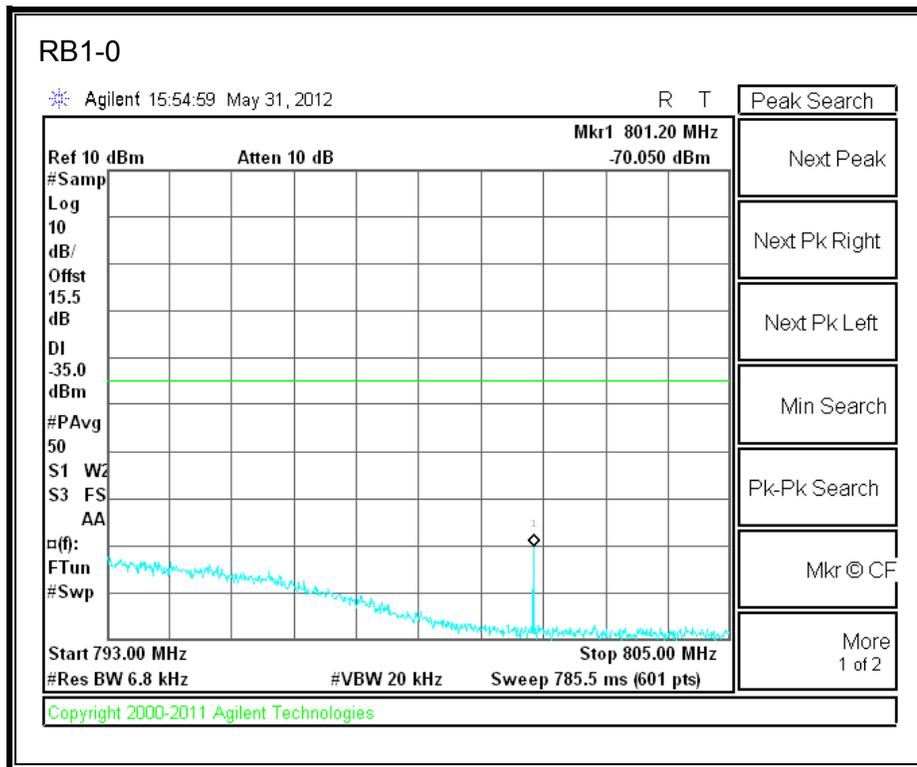


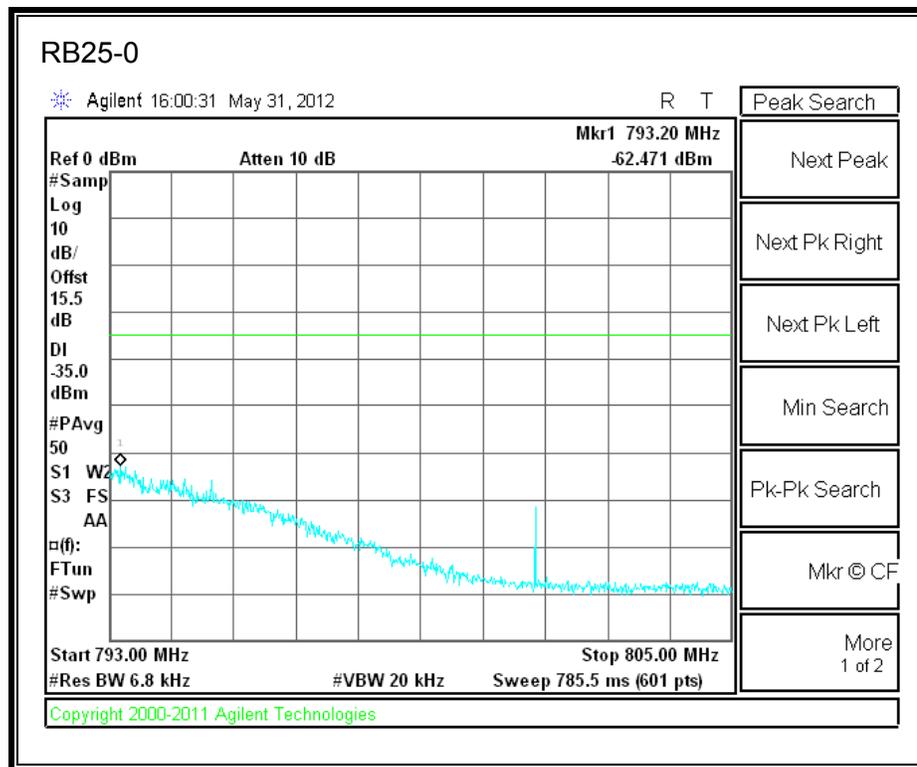
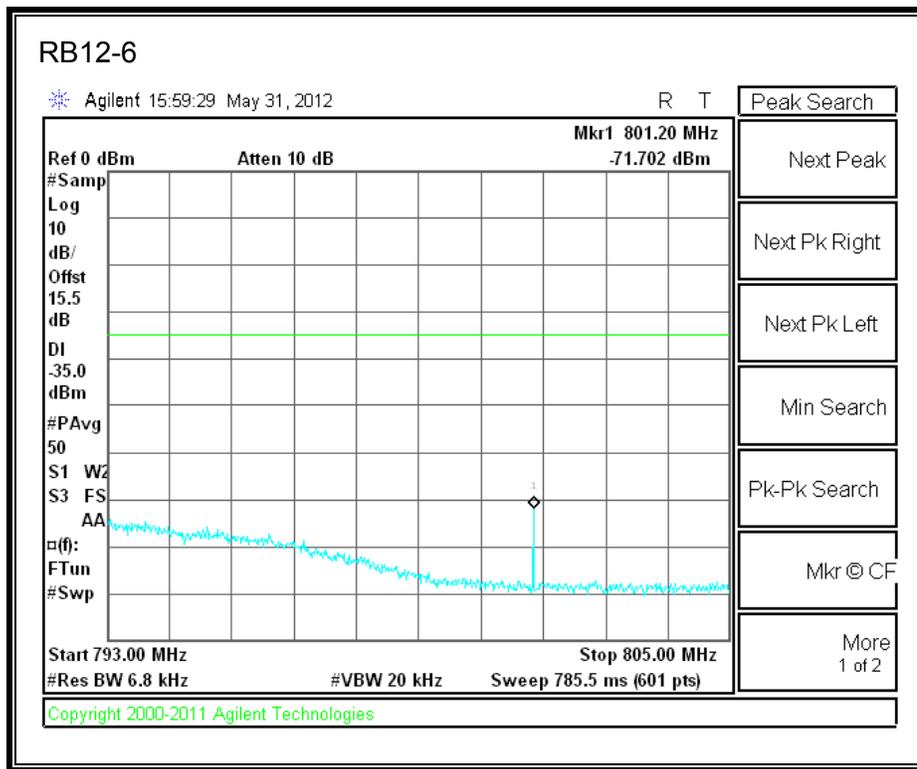
LTE QPSK 782MHz Band 13, 793 - 805MHz (5MHz Bandwidth)



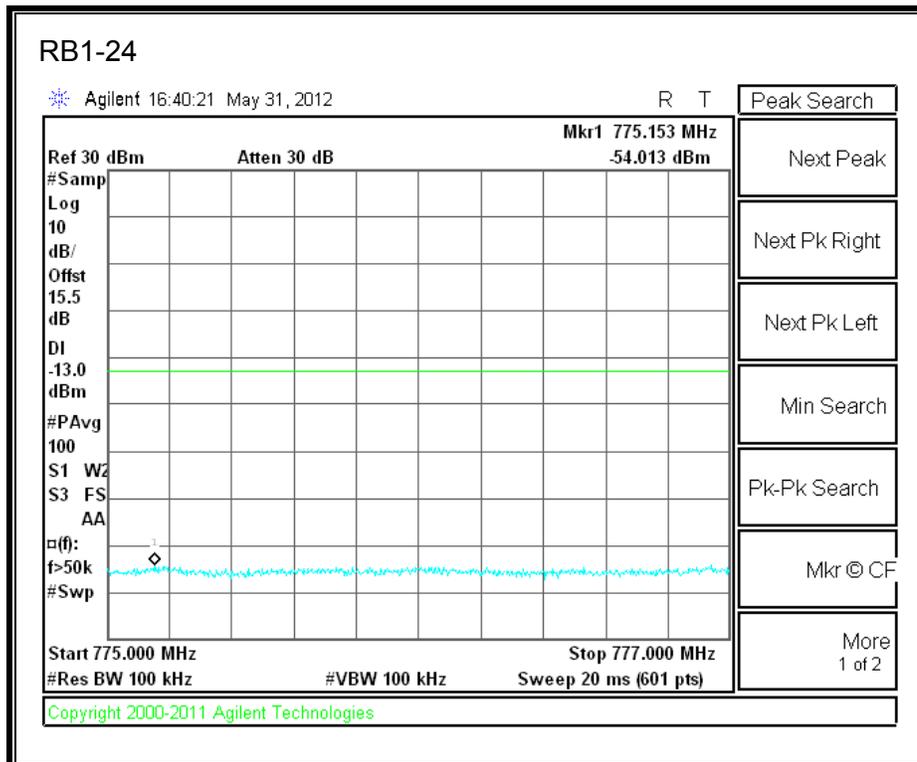
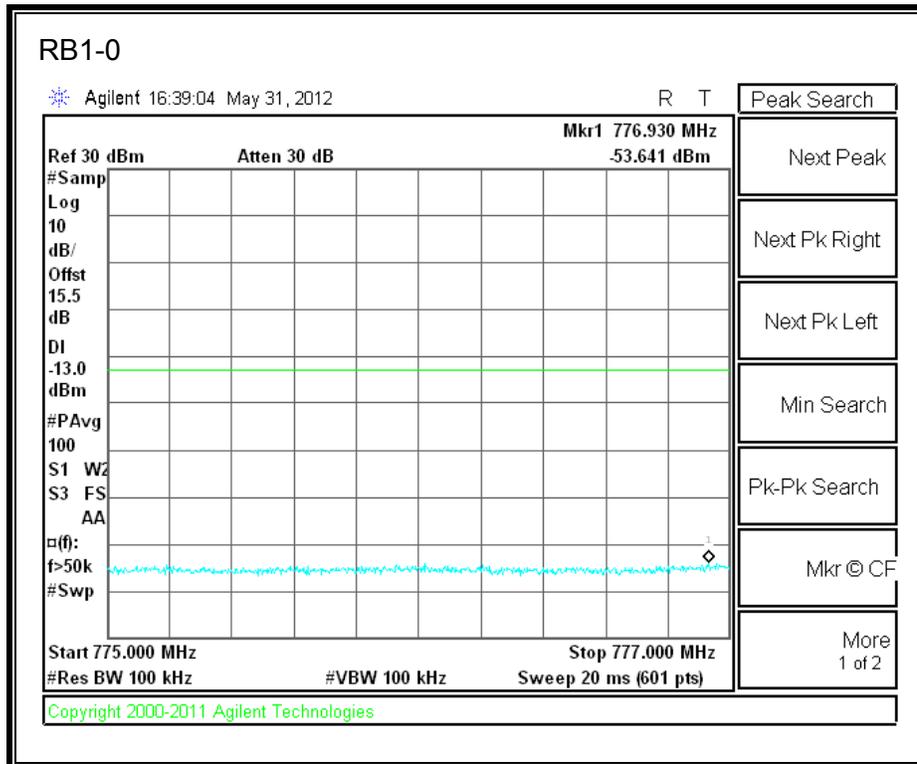


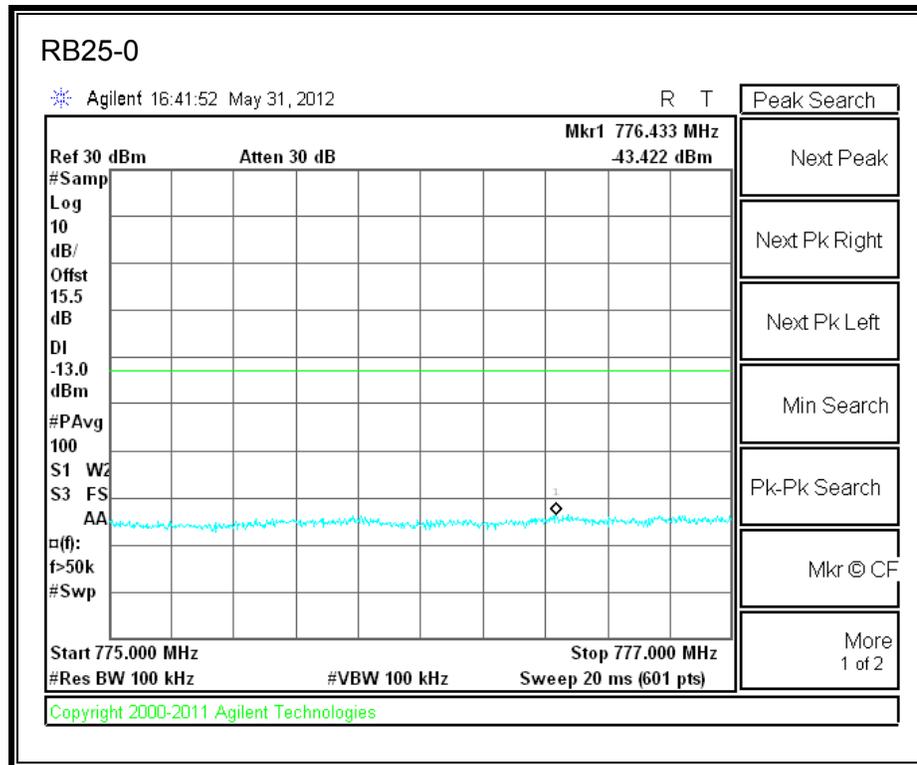
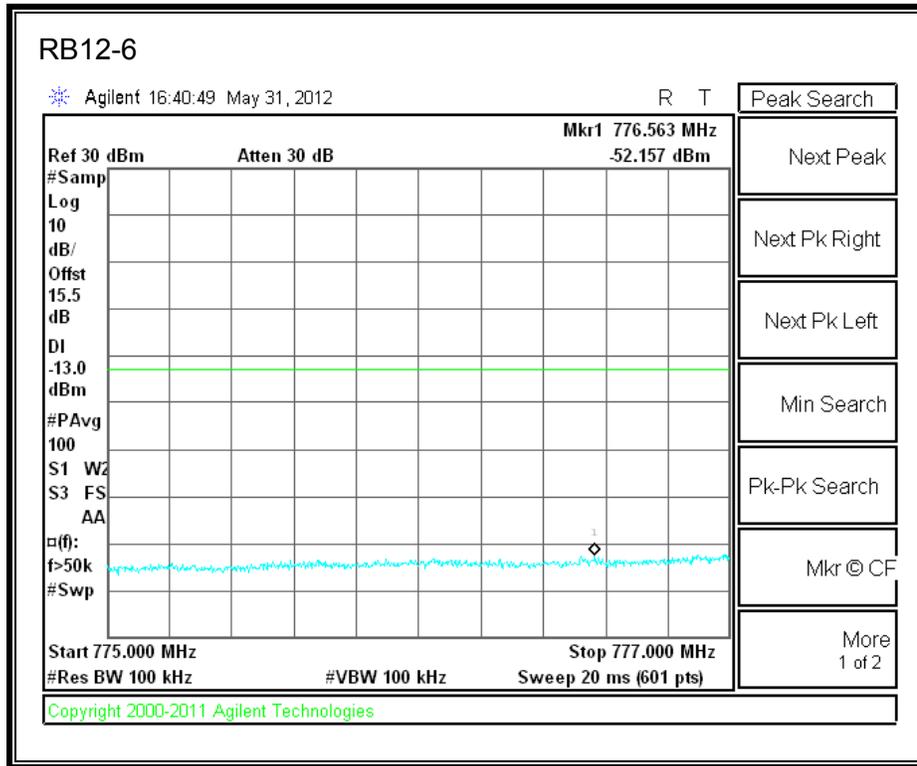
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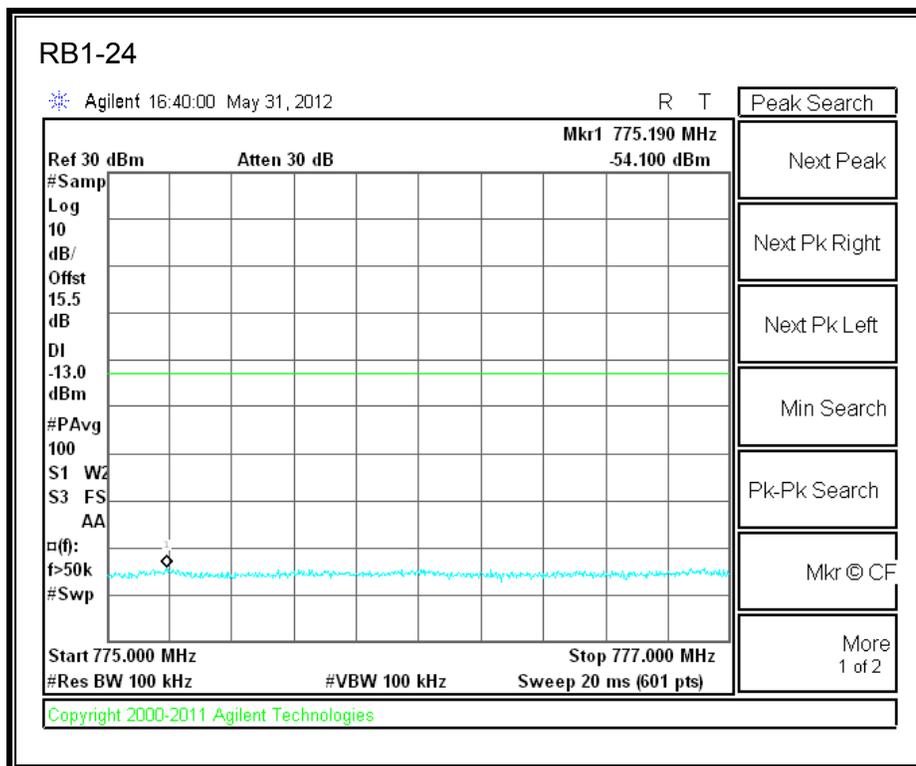
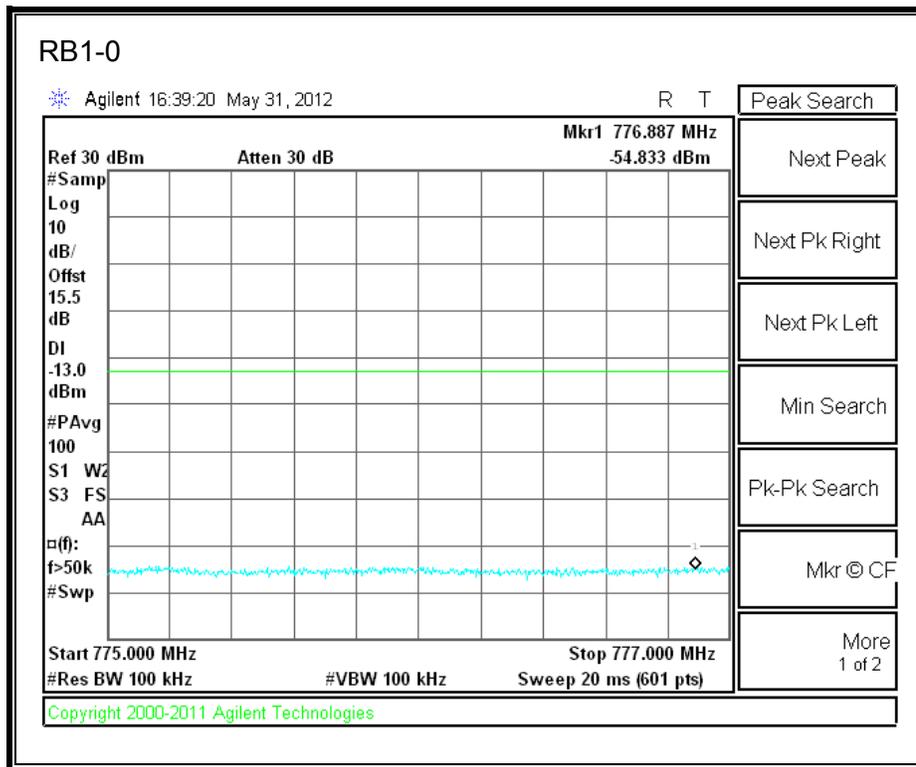


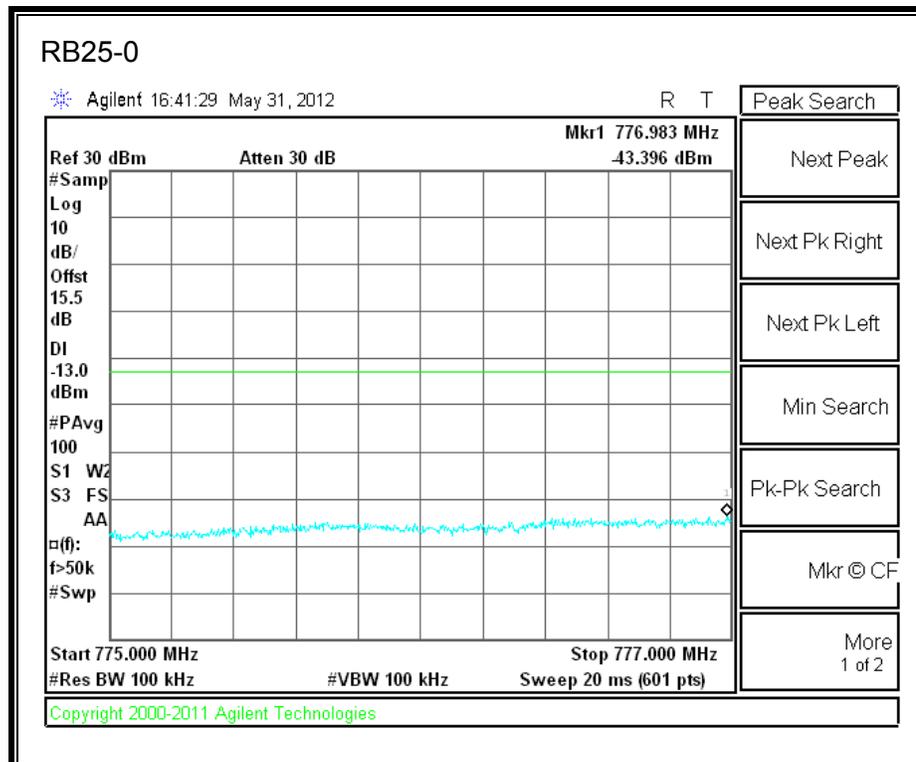
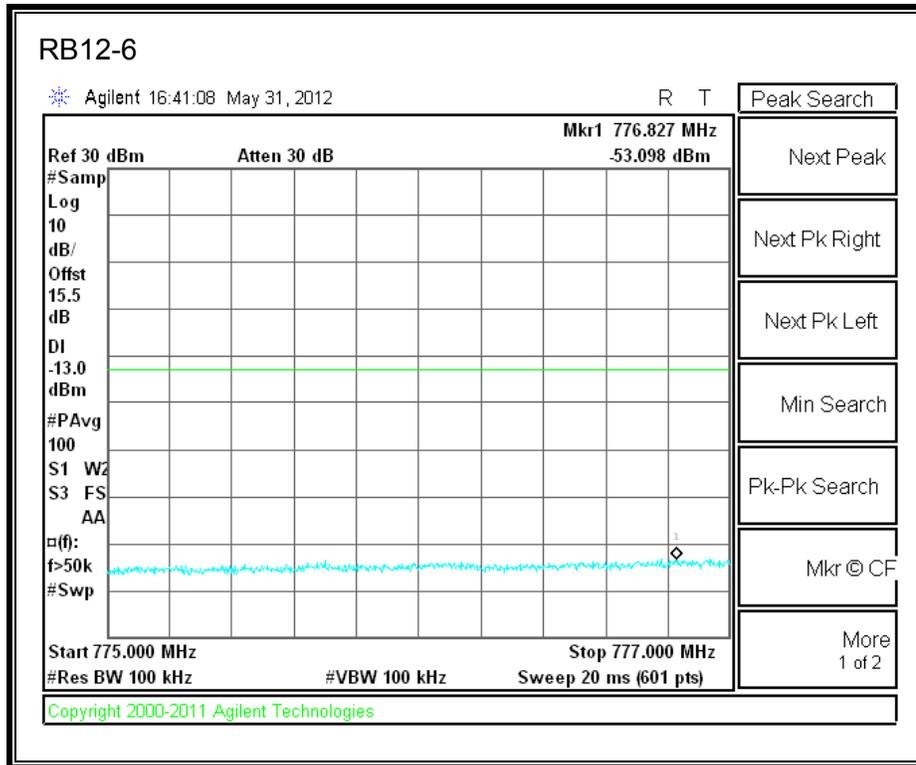
LTE QPSK 784.5 MHz Band 13, 775 - 777MHz (5MHz Bandwidth)



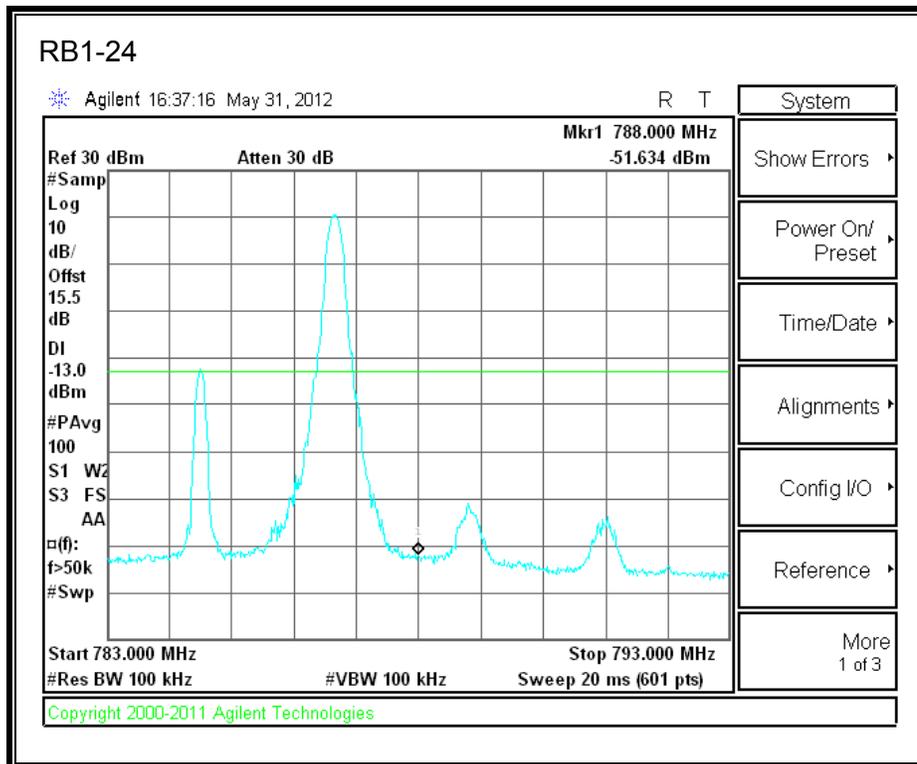
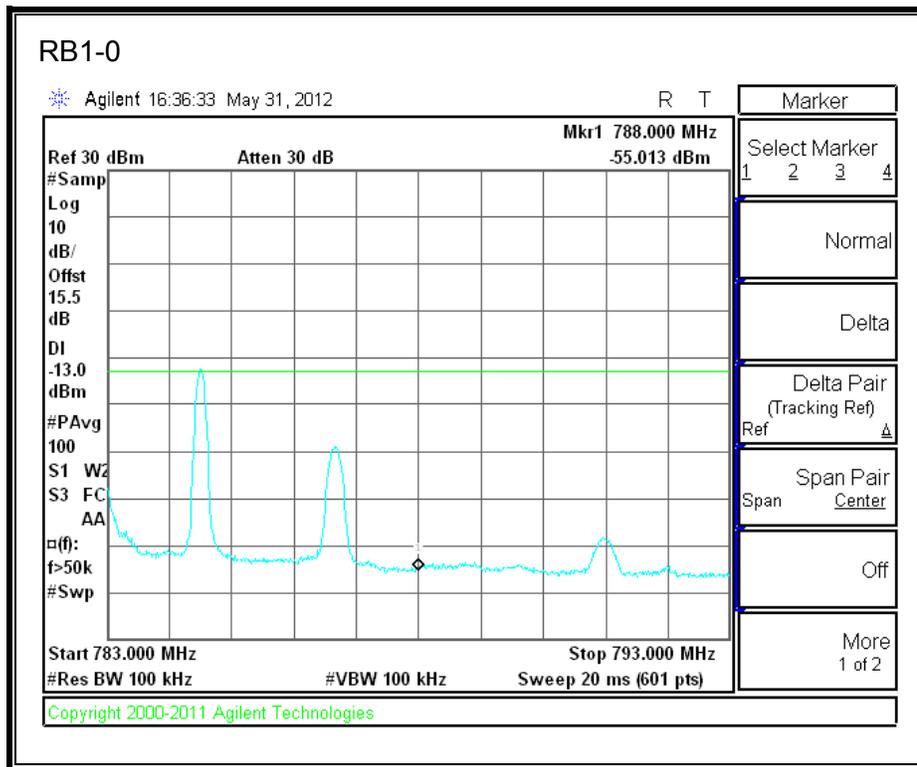


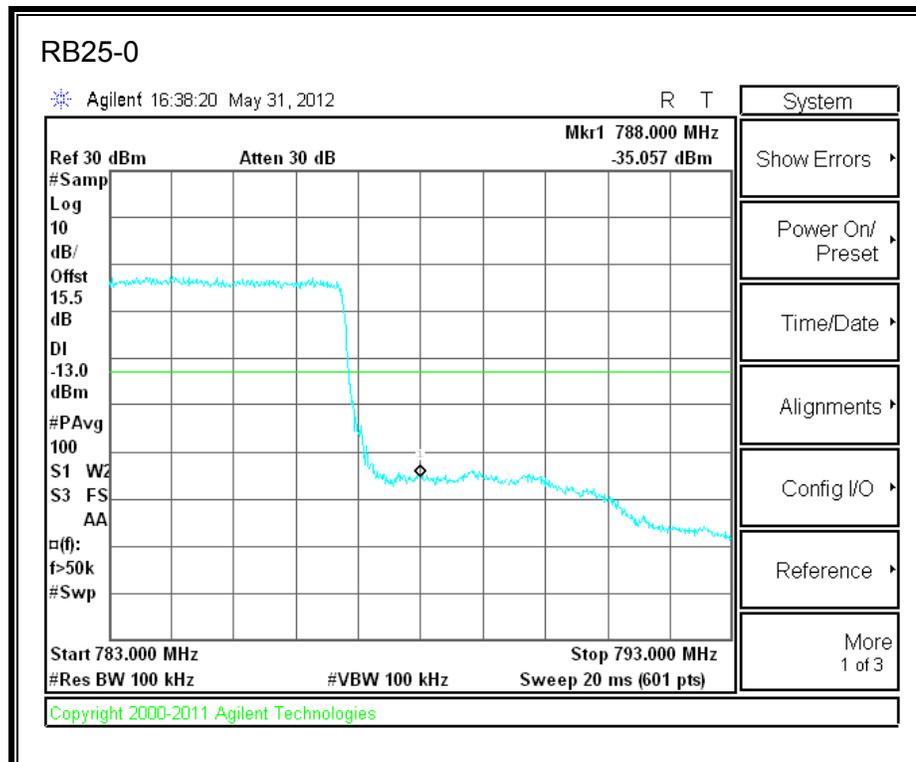
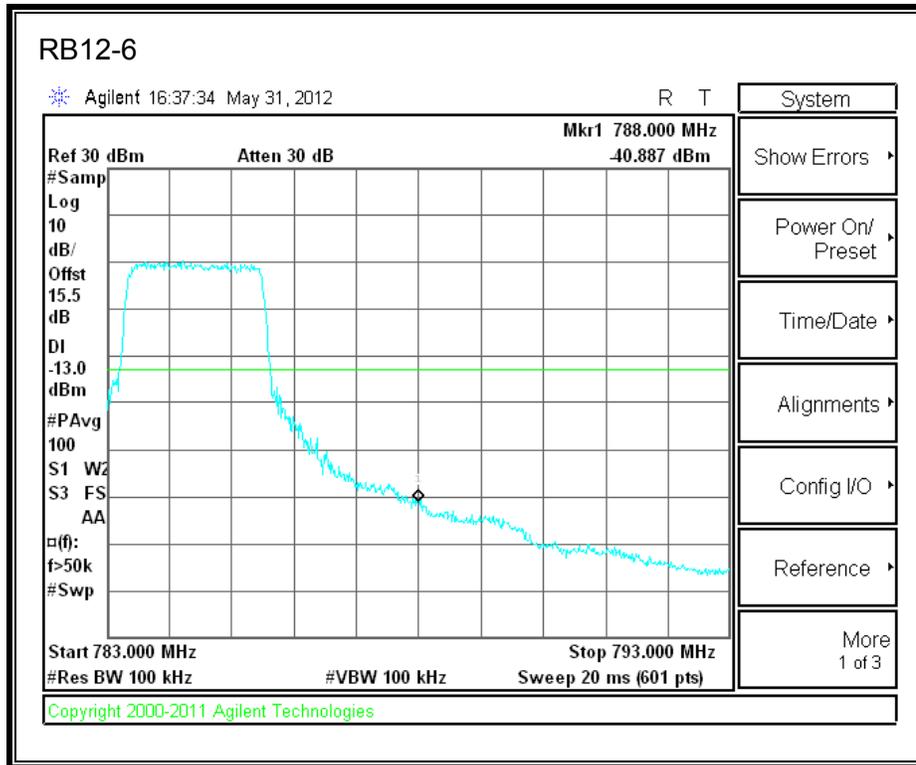
LTE 16QAM 784.5MHz Band 13, 775 - 777MHz (5MHz Bandwidth)



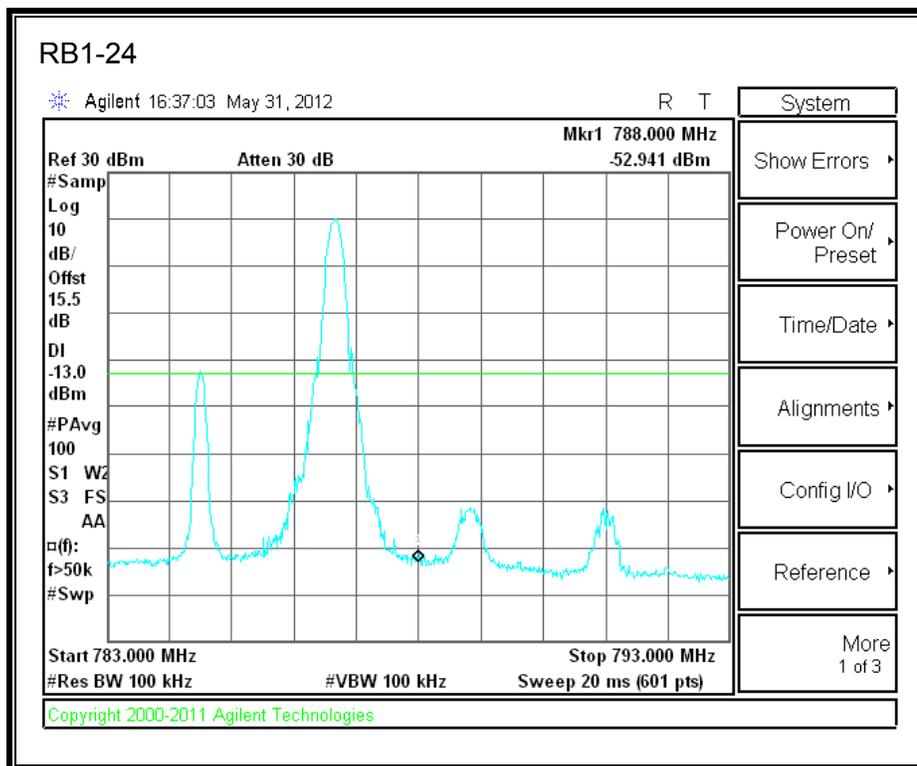
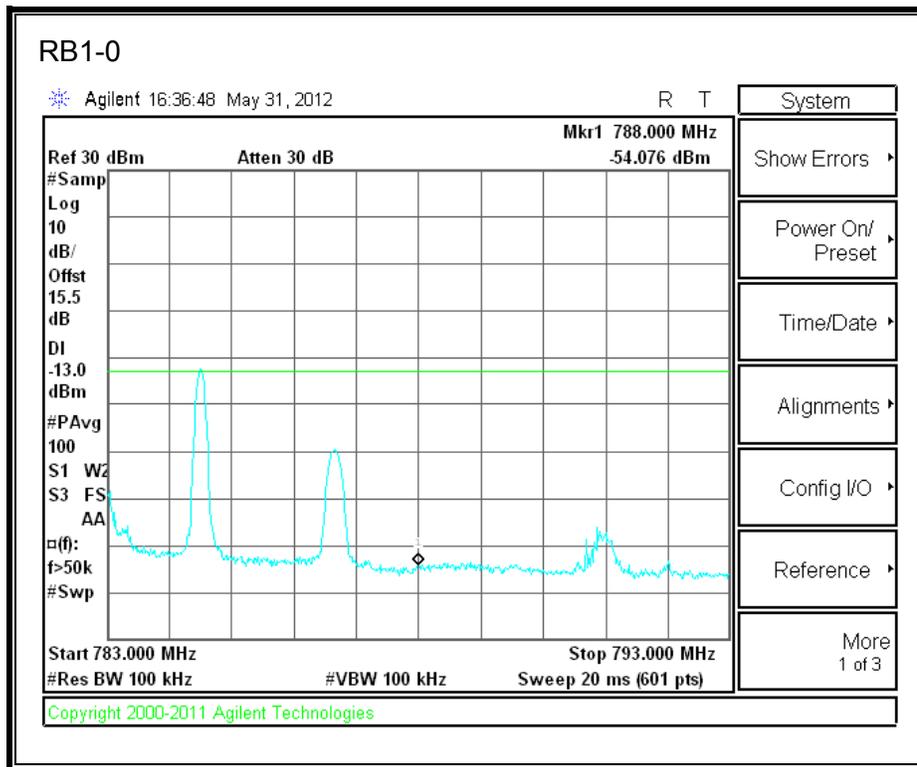


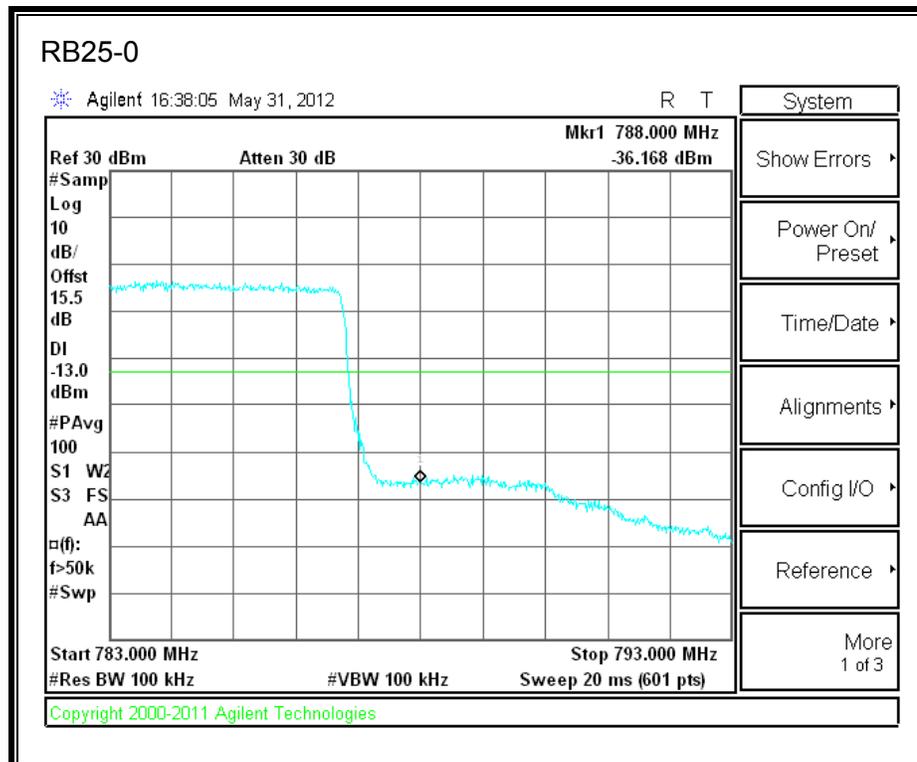
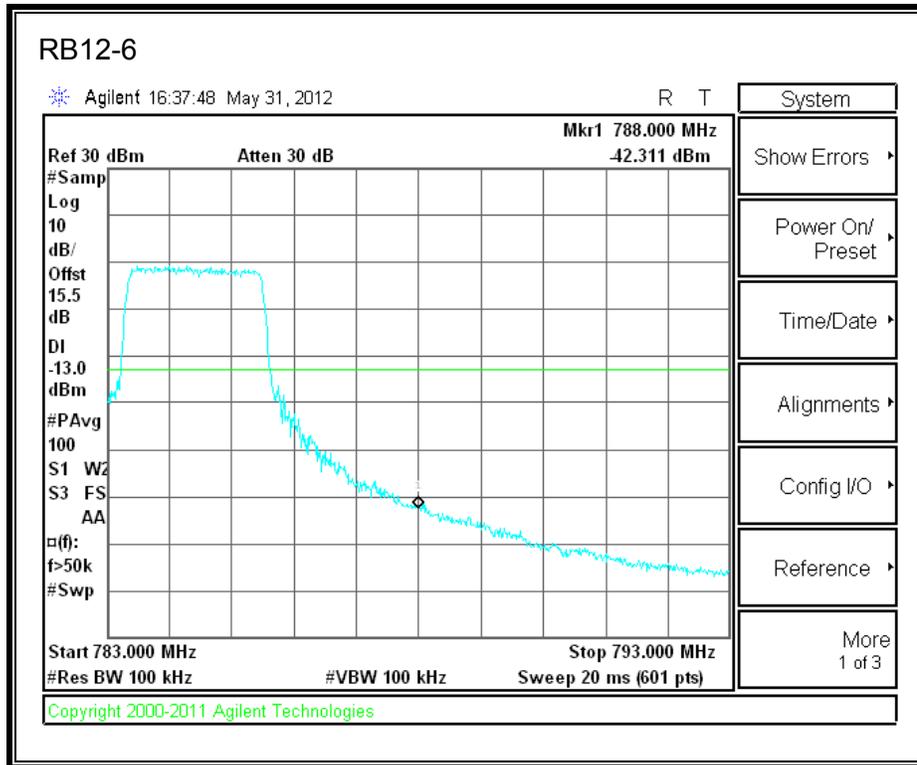
LTE QPSK 784.5MHz Band 13, 783 - 793MHz (5MHz Bandwidth)



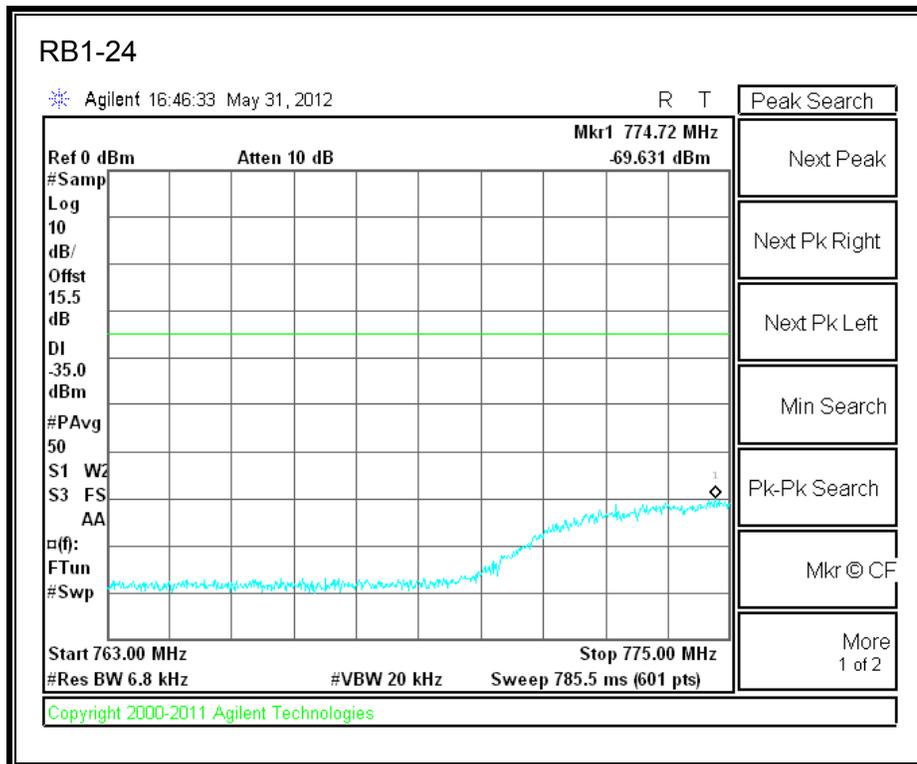
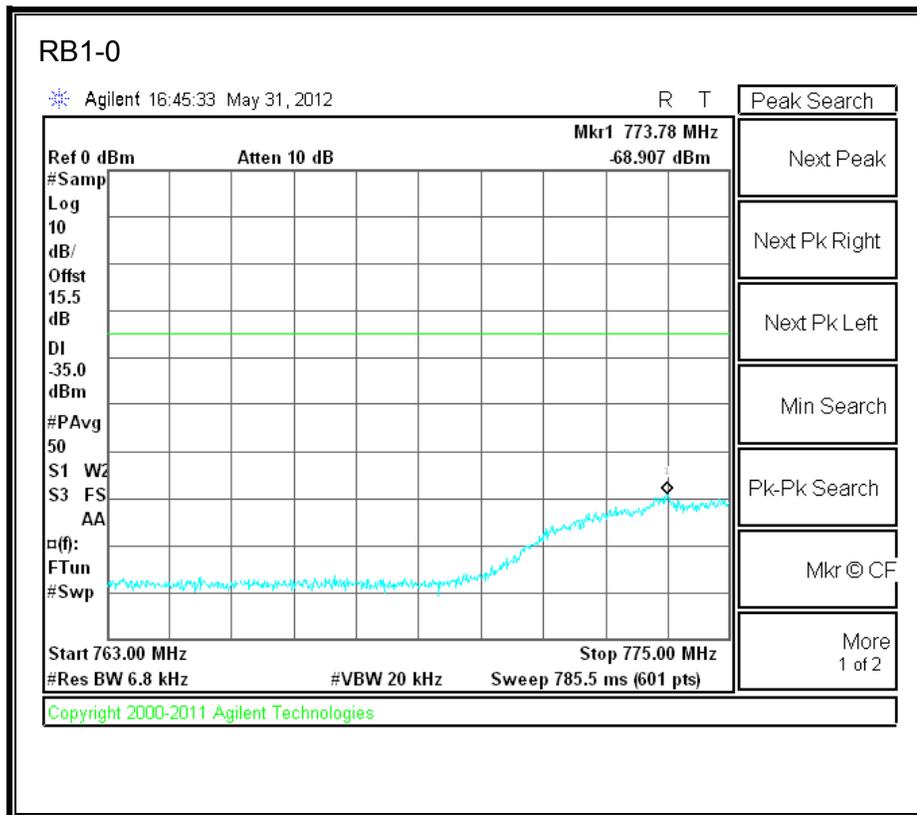


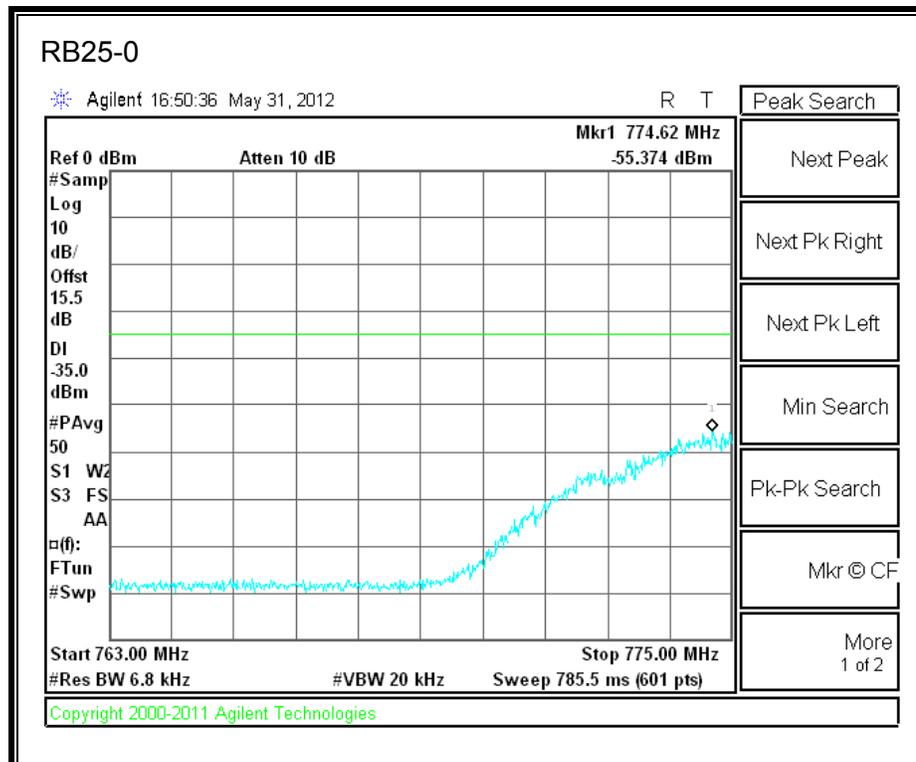
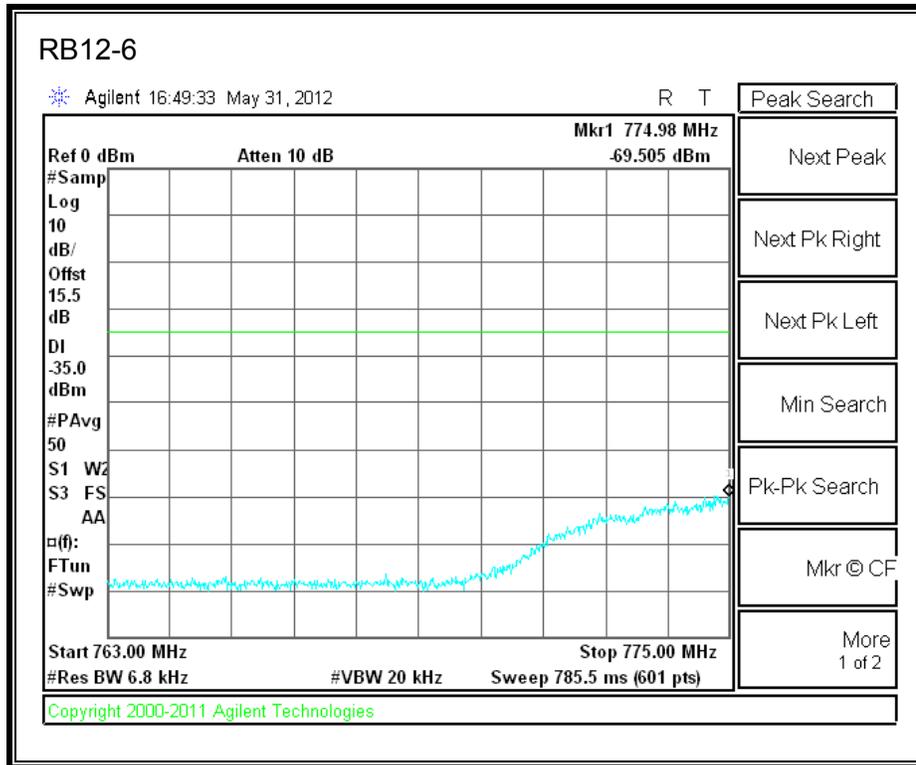
LTE 16QAM 784.5MHz Band 13, 783 - 793MHz (5MHz Bandwidth)



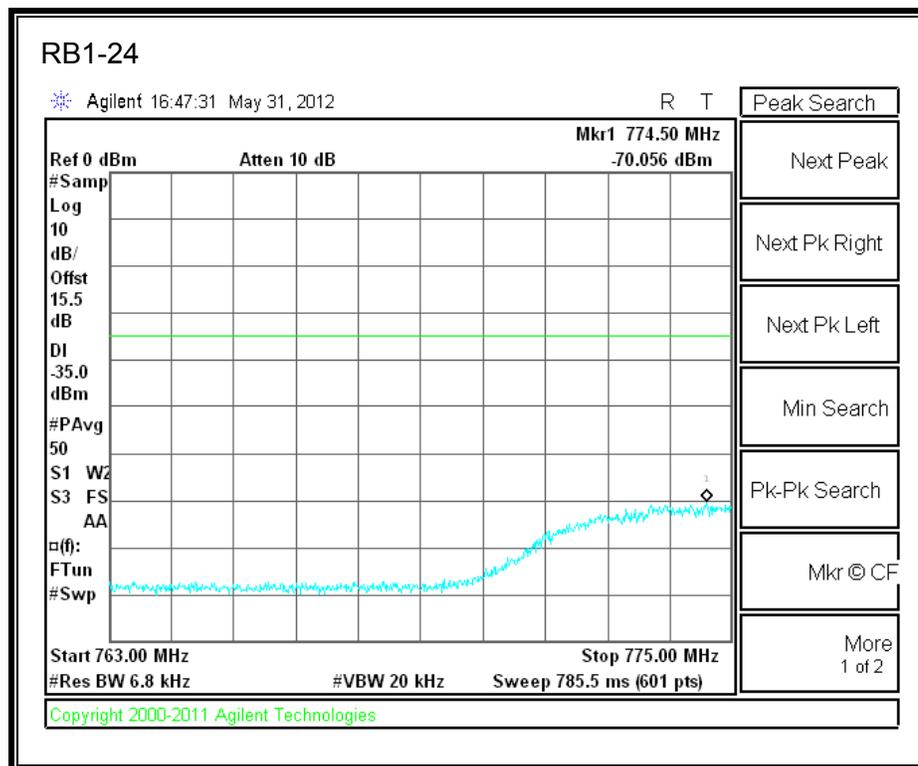
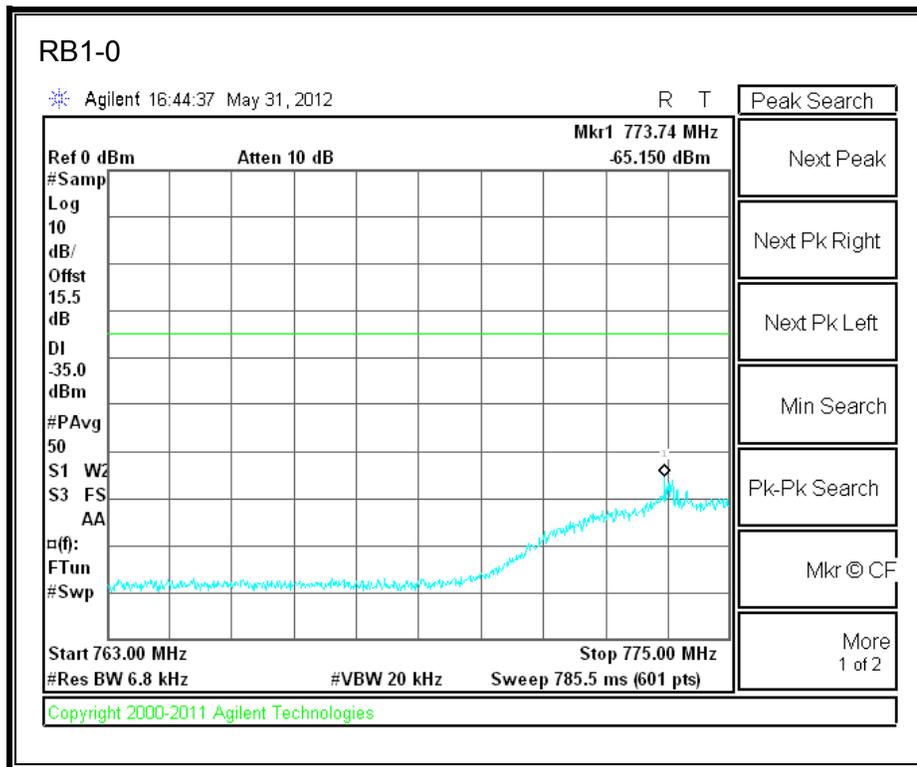


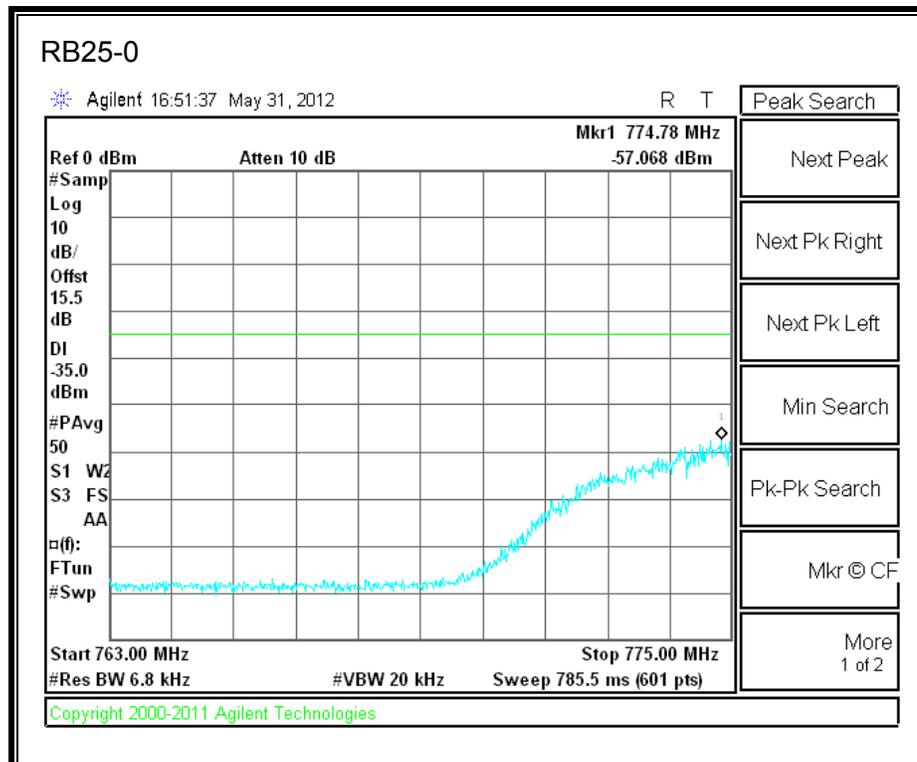
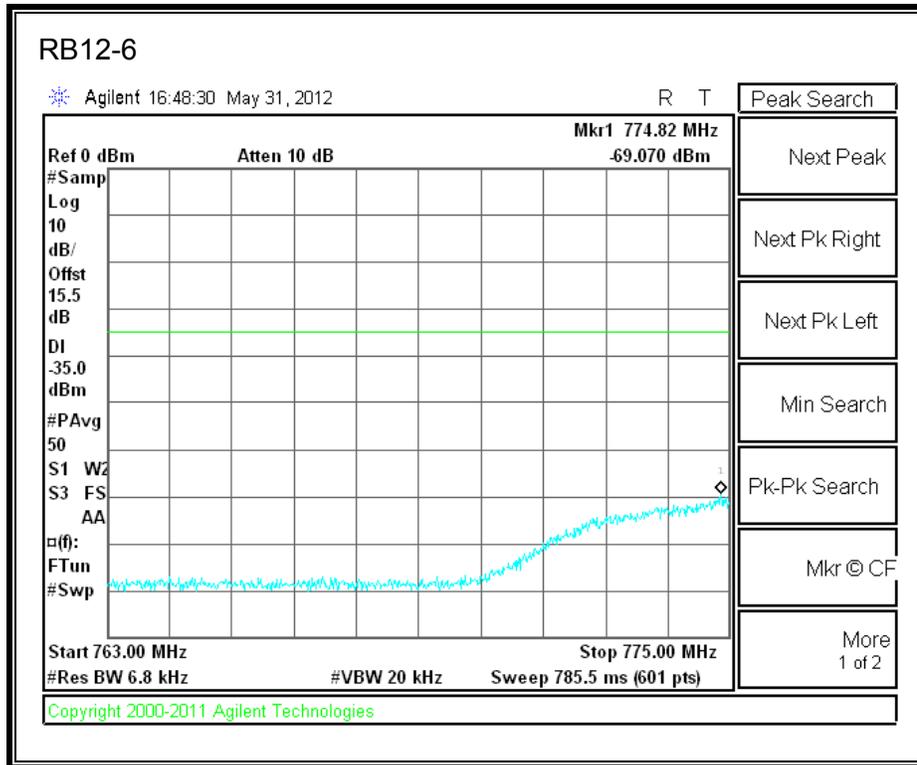
LTE QPSK 784.5MHz Band 13, 763 - 775MHz (5MHz Bandwidth)



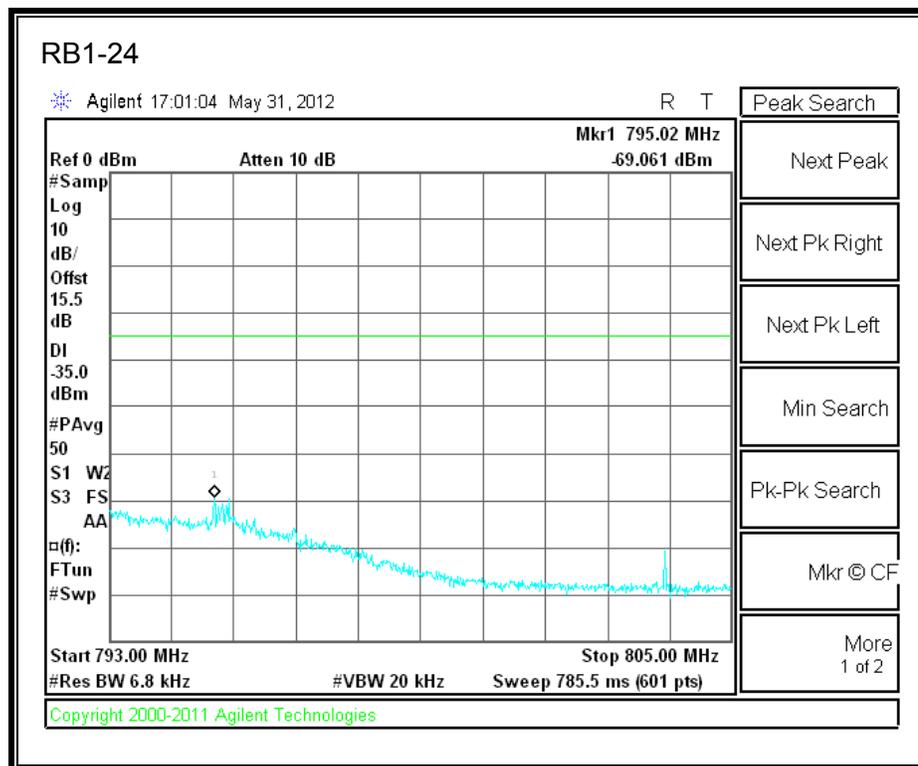
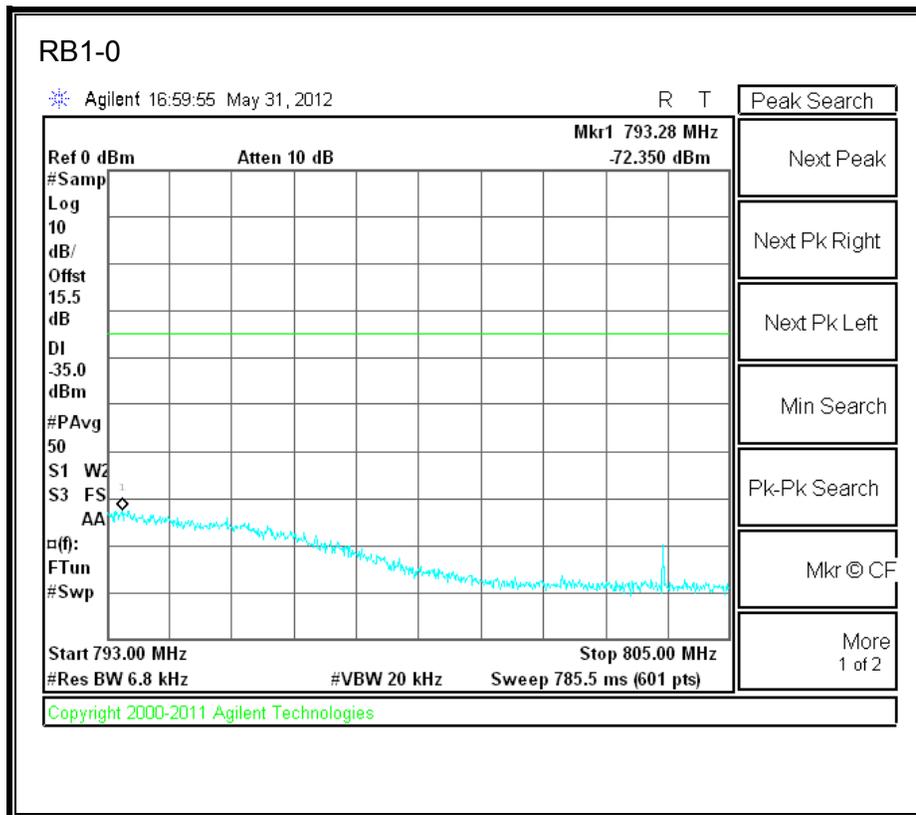


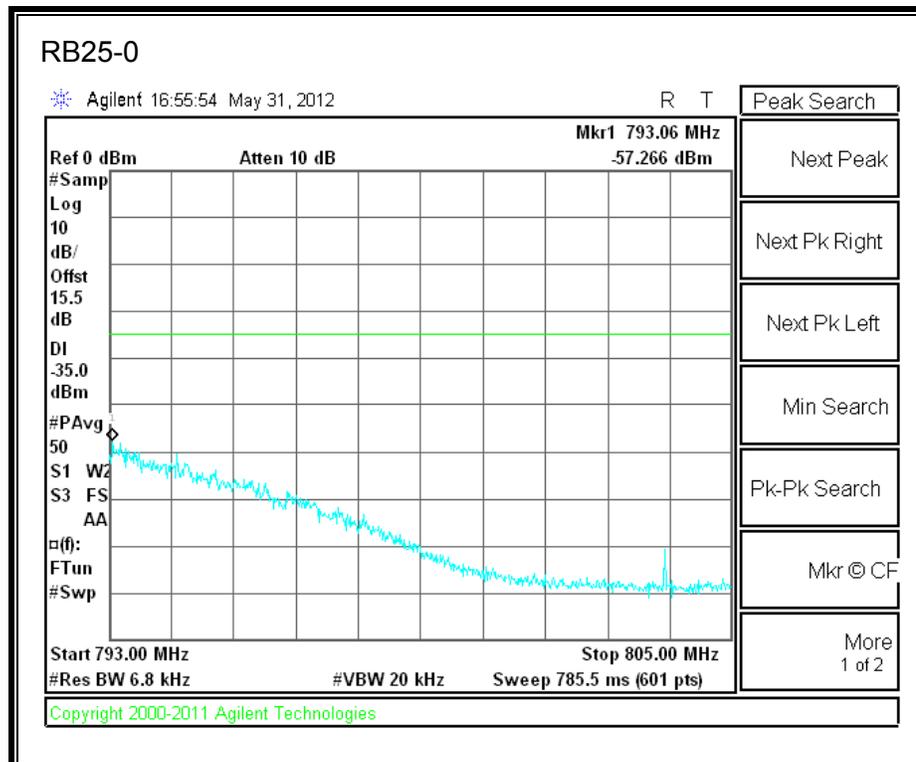
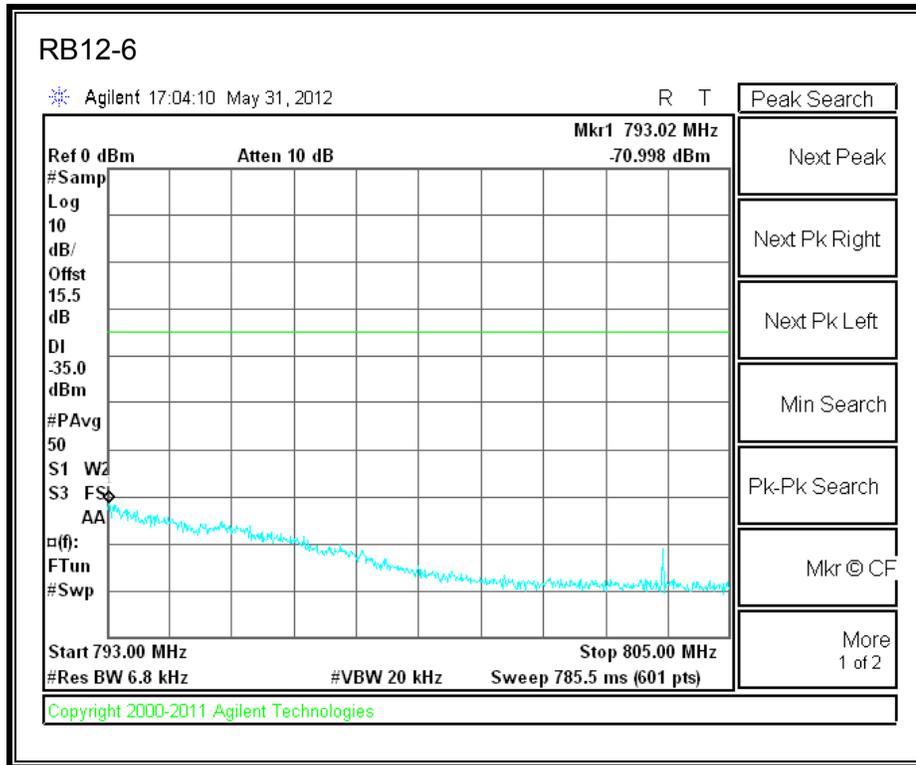
LTE 16QAM 784.5MHz Band 13, 763-775MHz (5MHz Bandwidth)



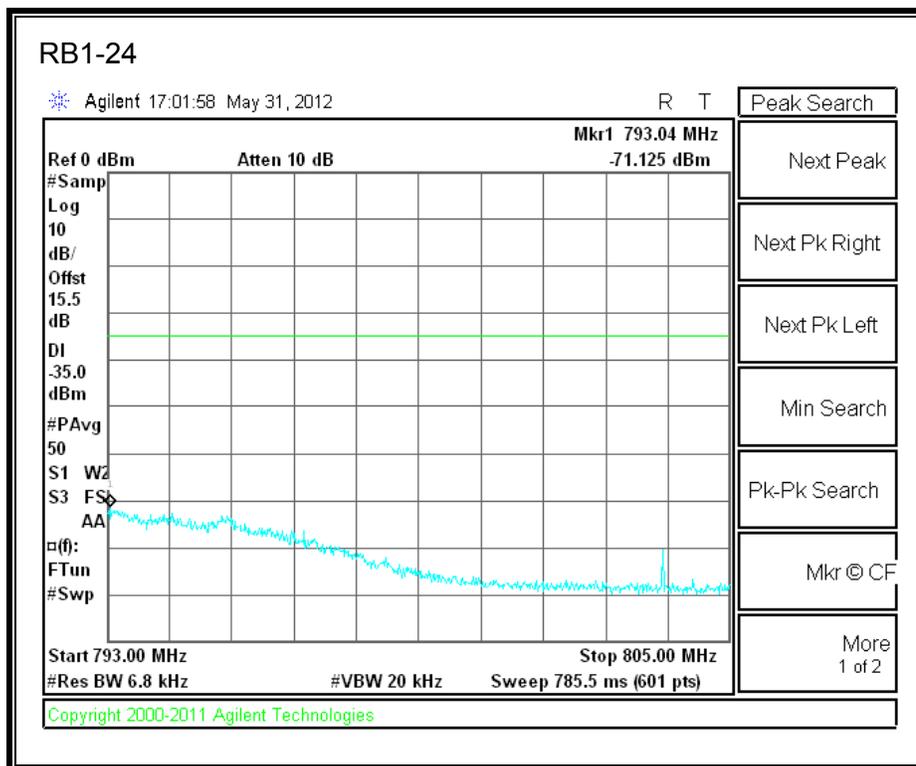
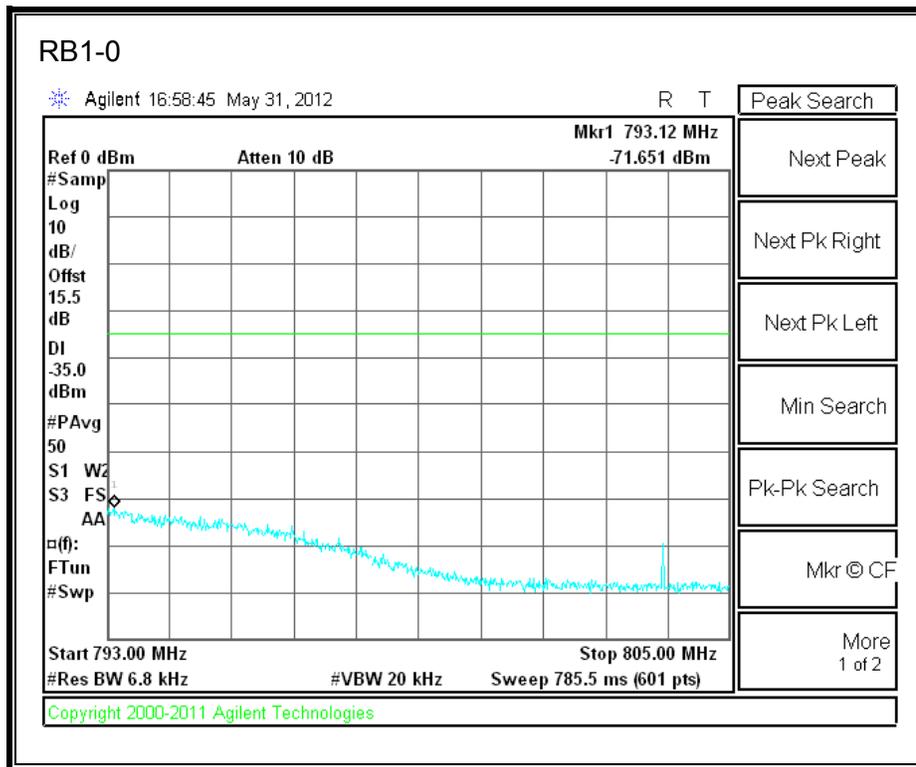


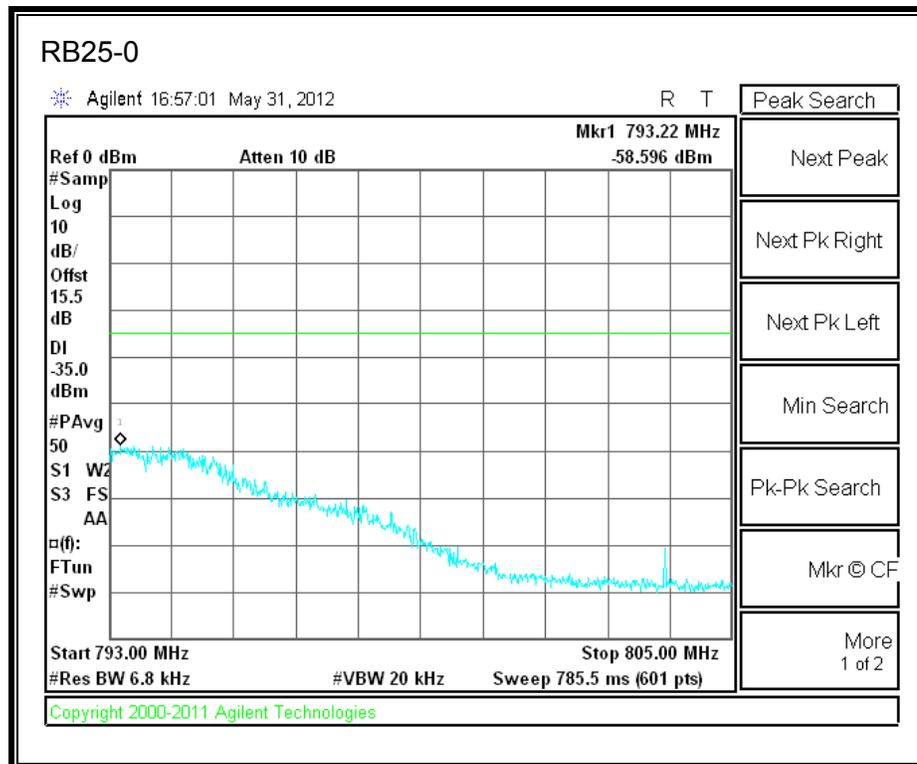
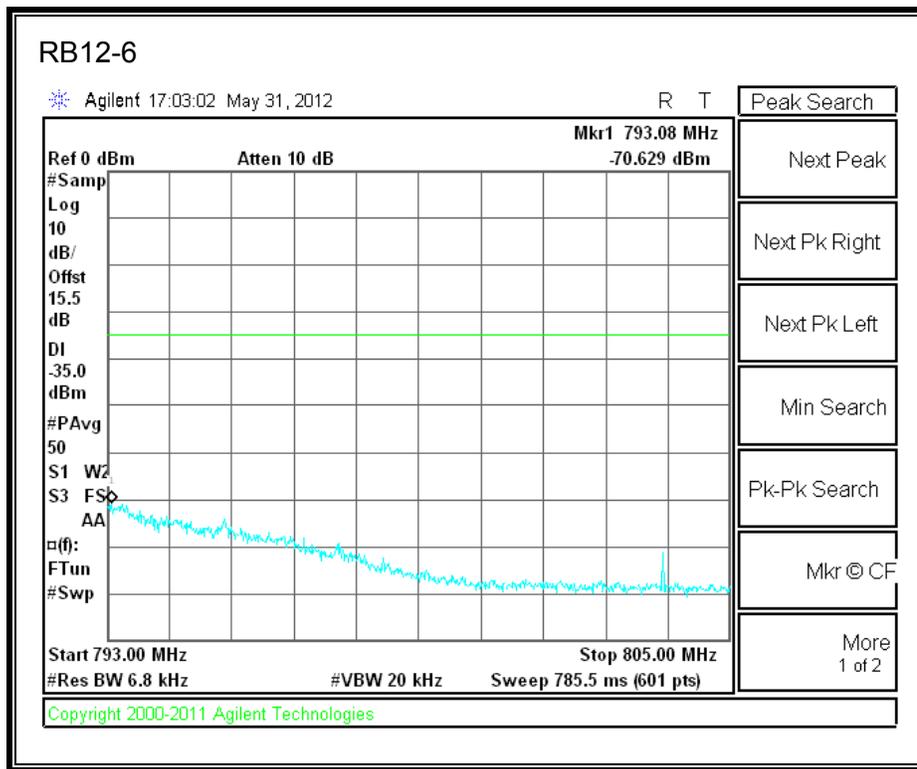
LTE QPSK 784.5MHz Band 13, 793 - 805MHz (5MHz Bandwidth)



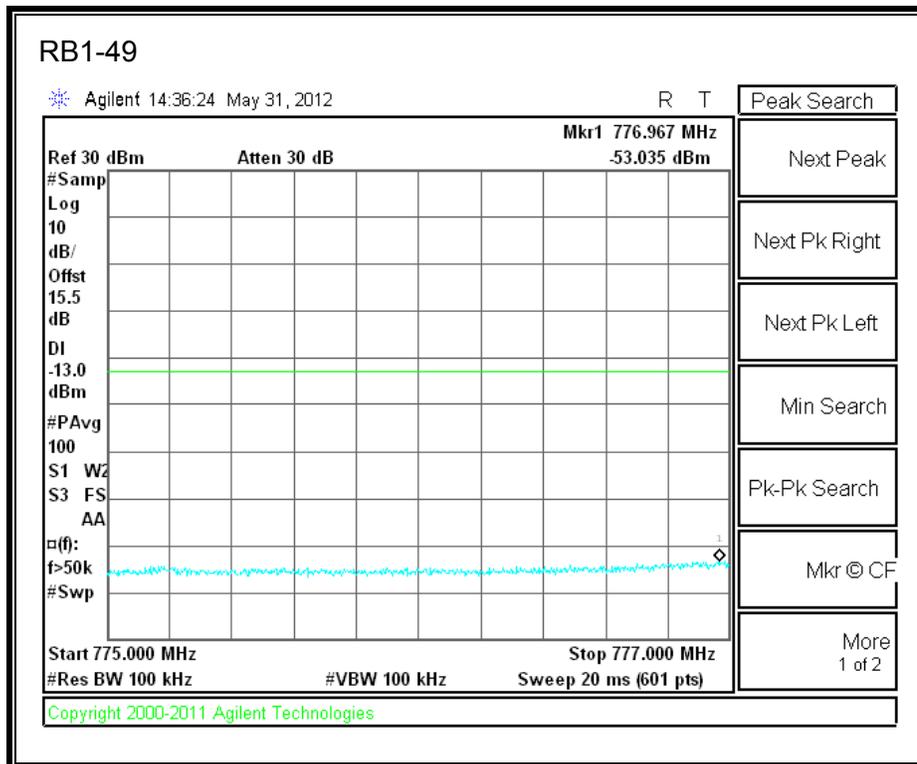
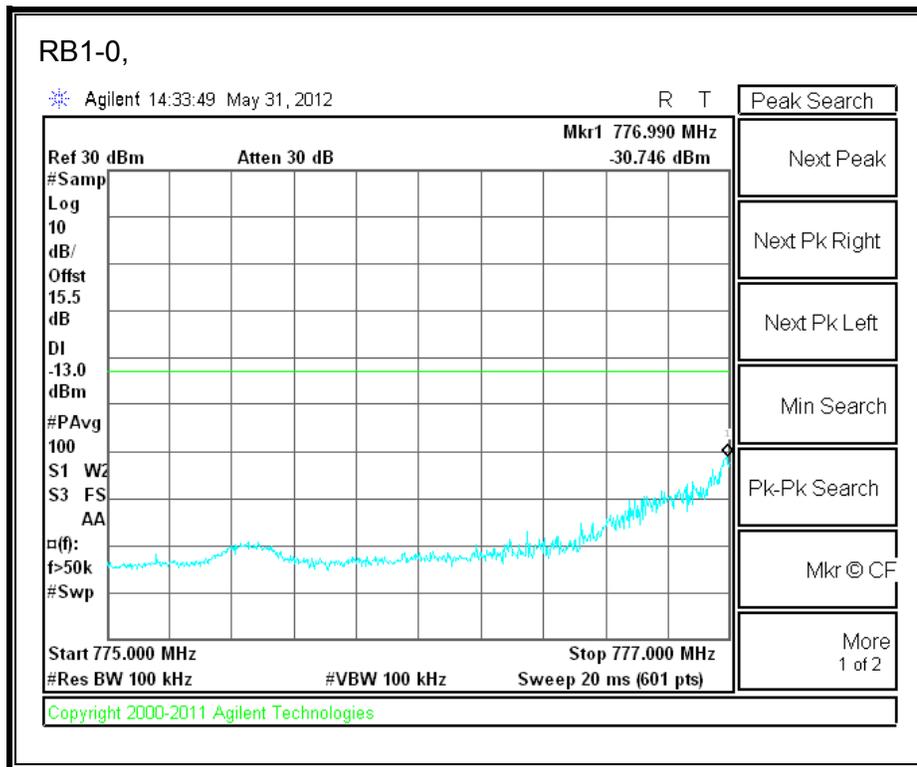


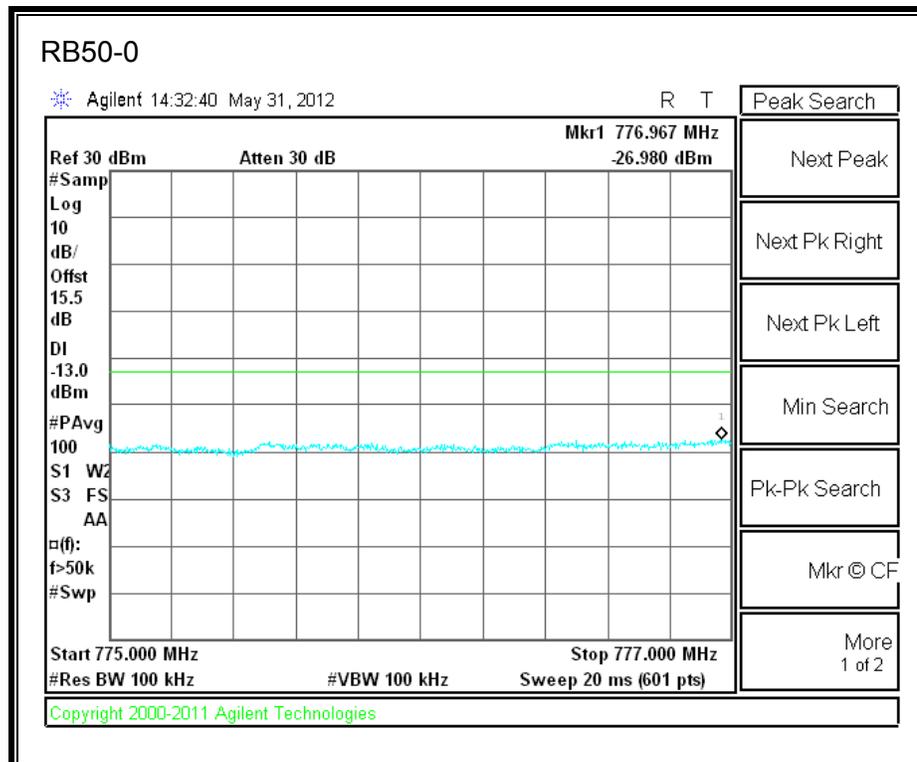
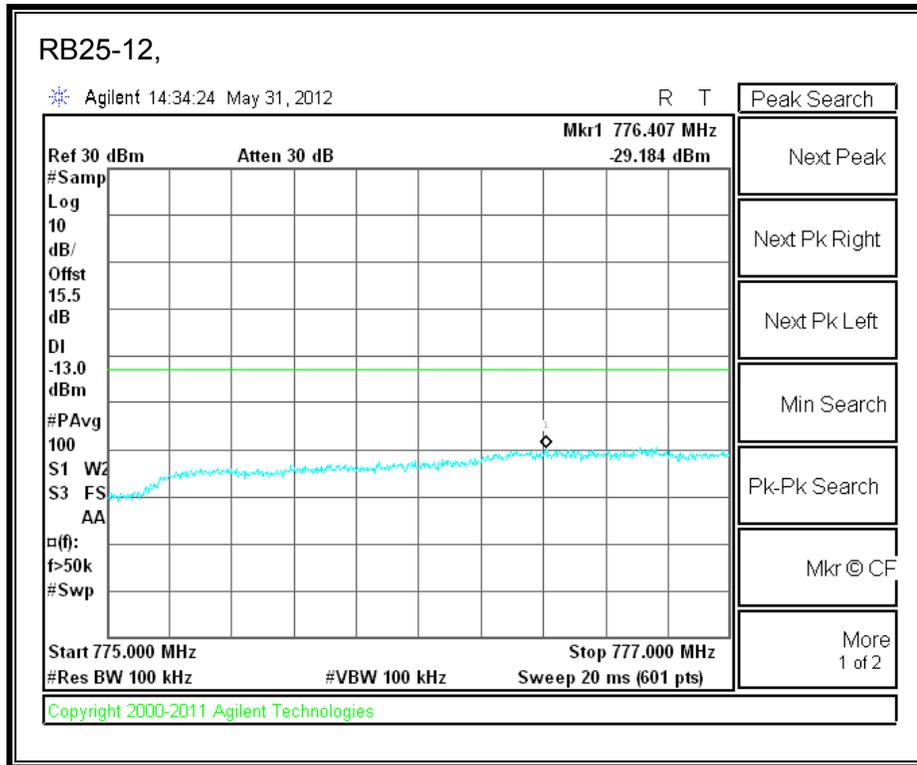
LTE 16QAM 784.5MHz Band 13, 793 - 805MHz (5MHz Bandwidth)



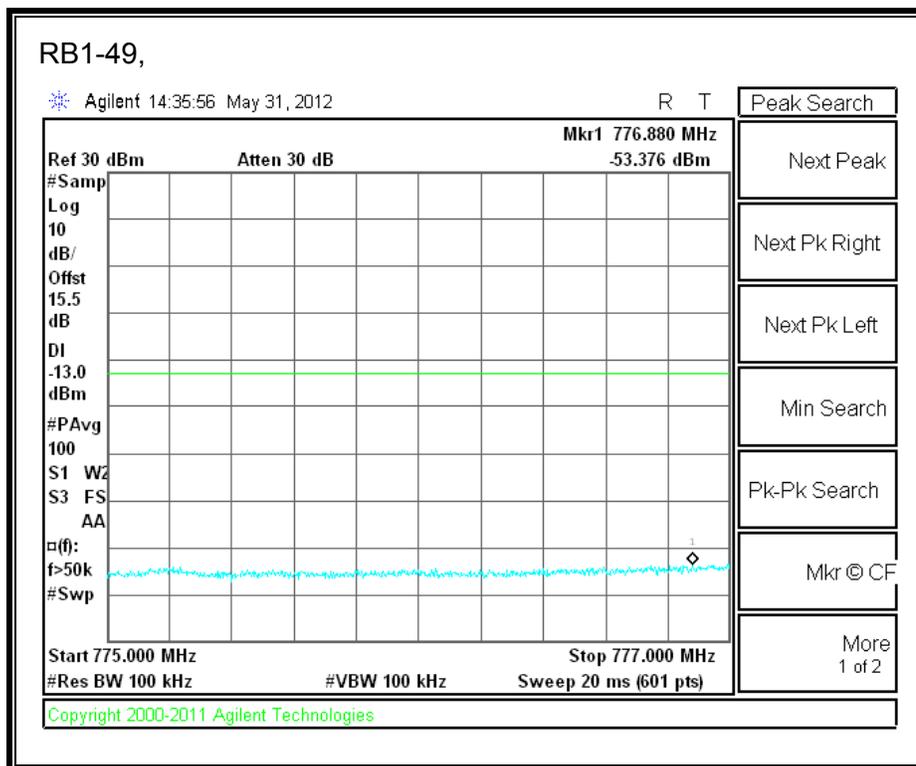
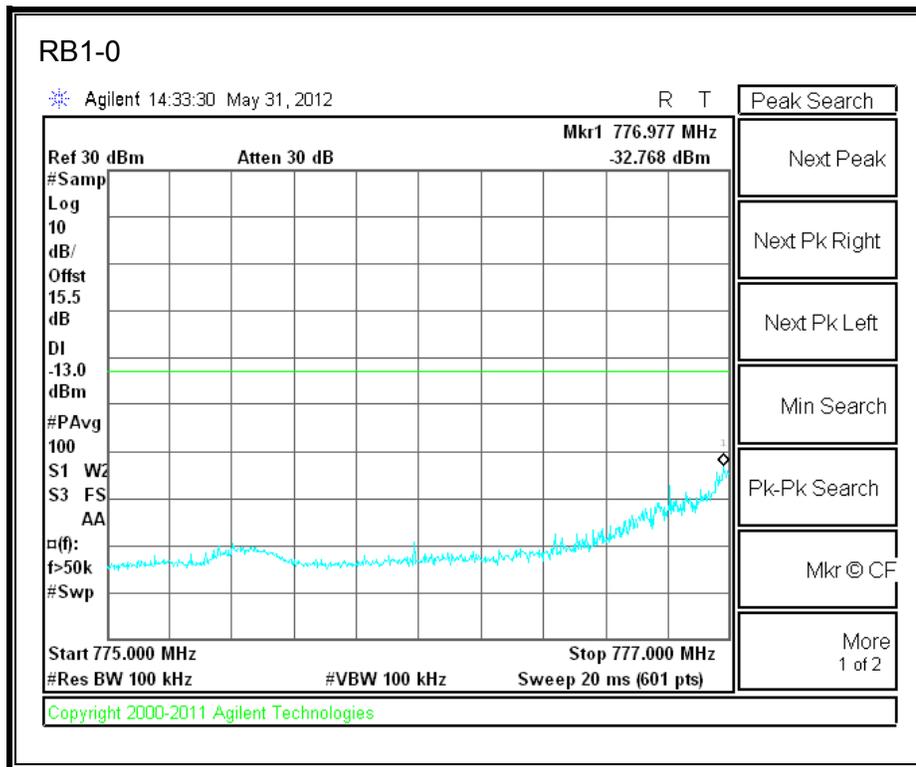


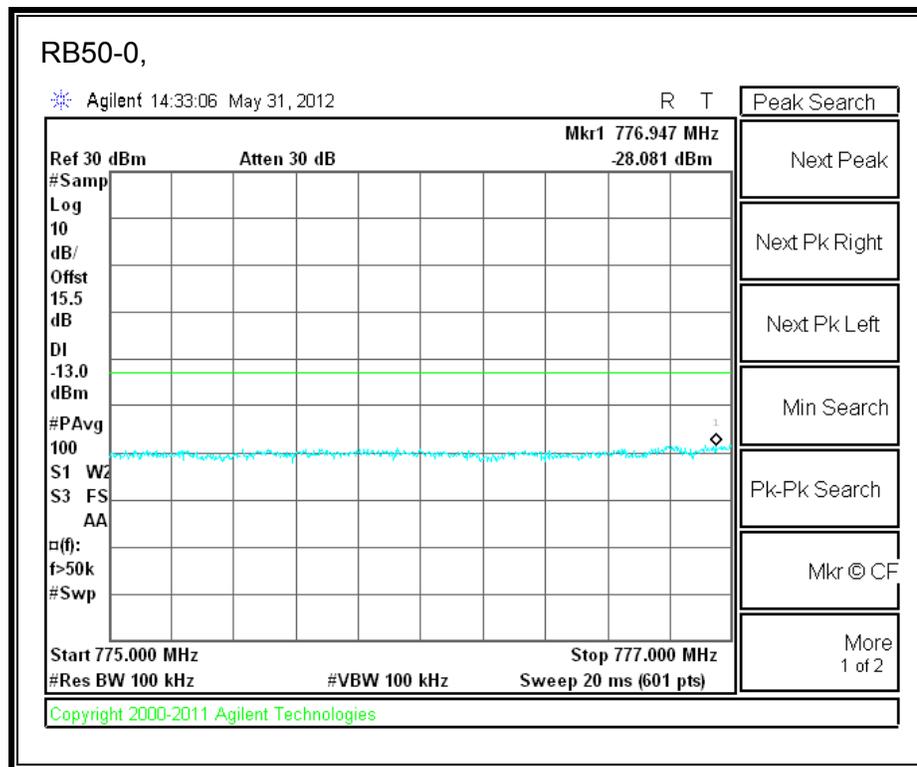
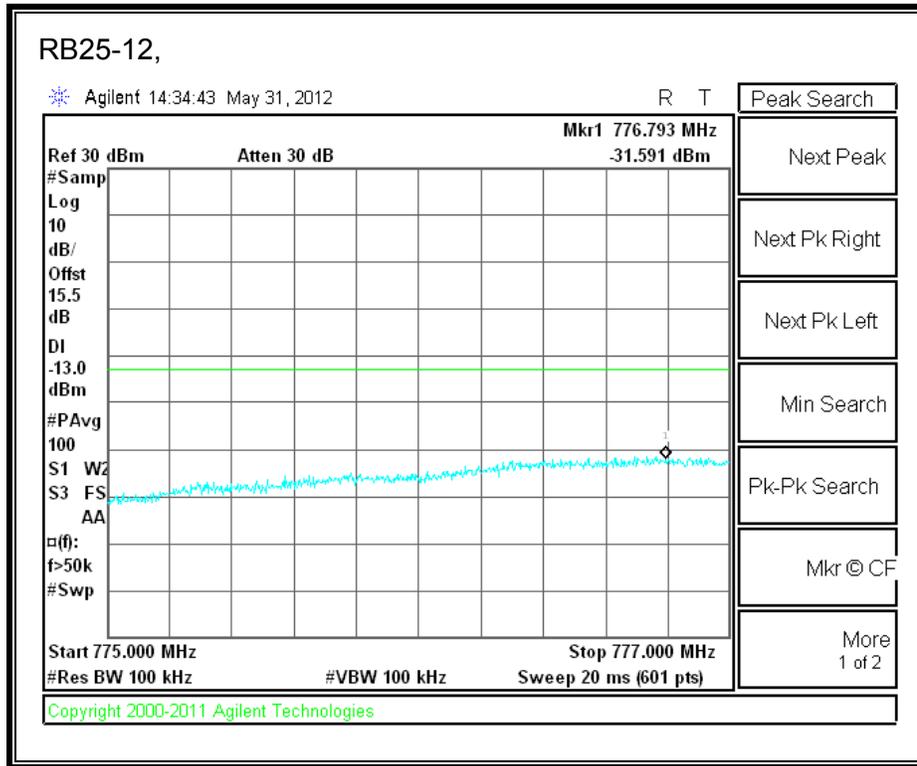
LTE QPSK 782MHz Band 13, 775 - 777MHz (10MHz Bandwidth)



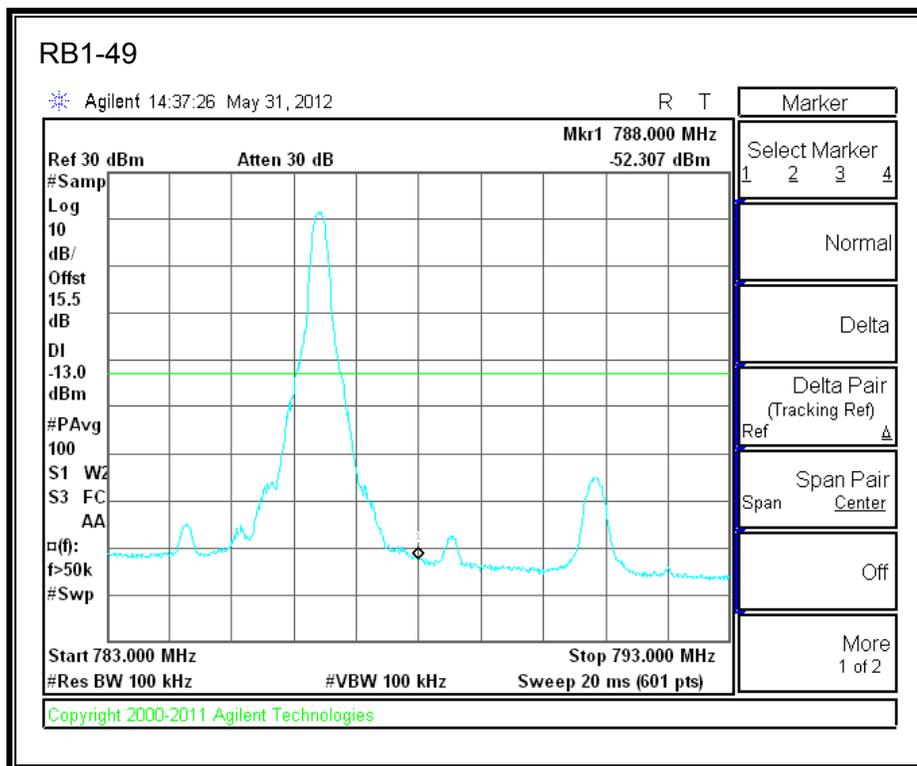
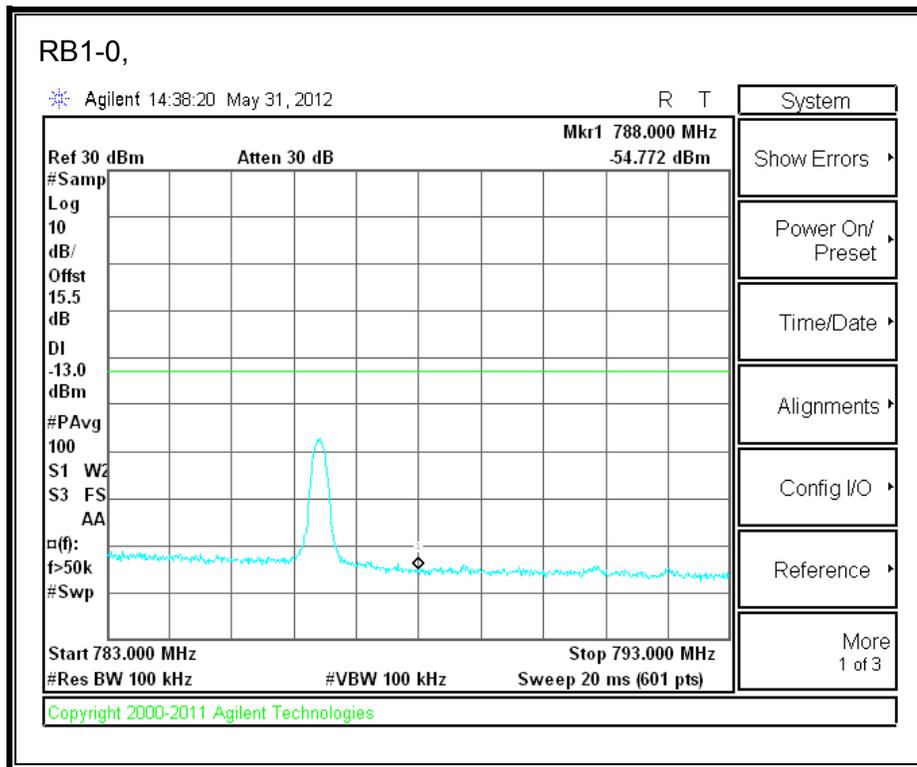


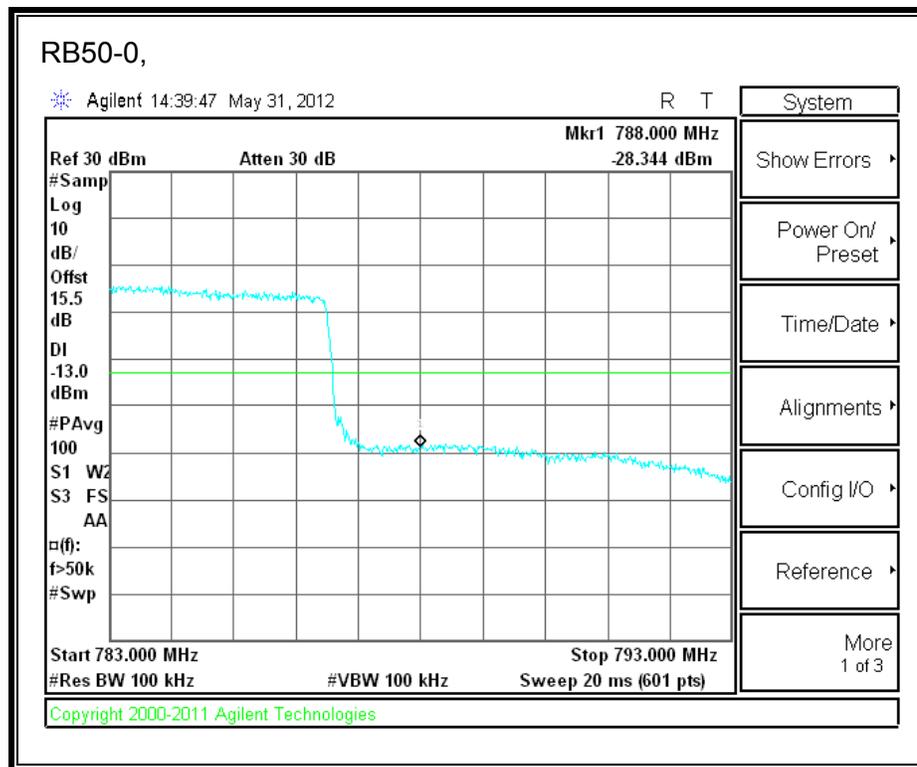
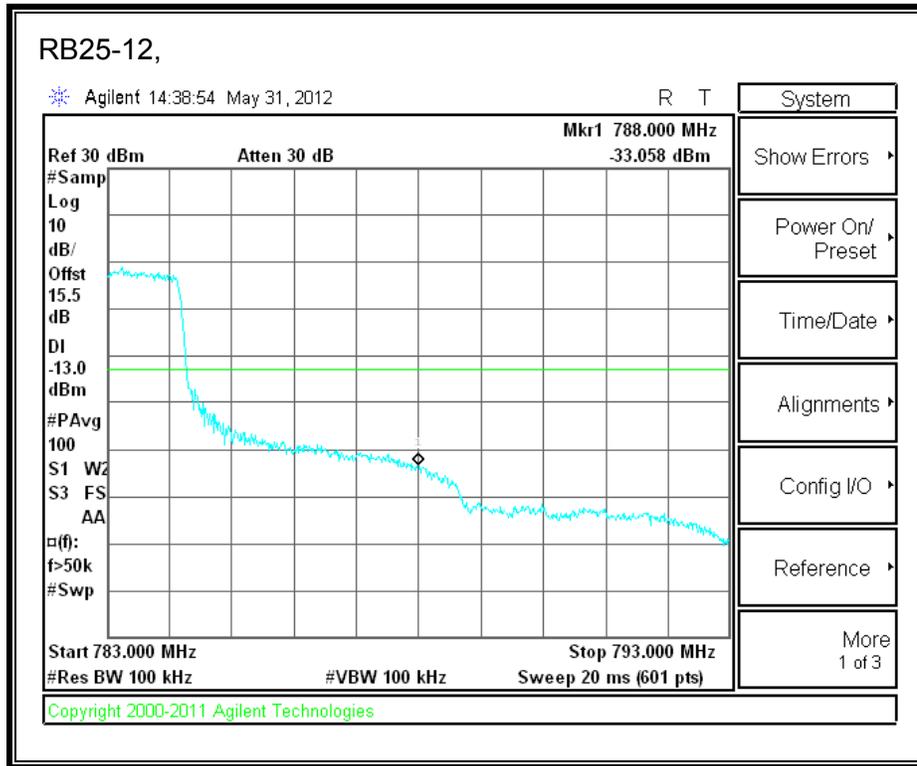
LTE 16QAM Band 13, 775 - 777MHz (10MHz Bandwidth)



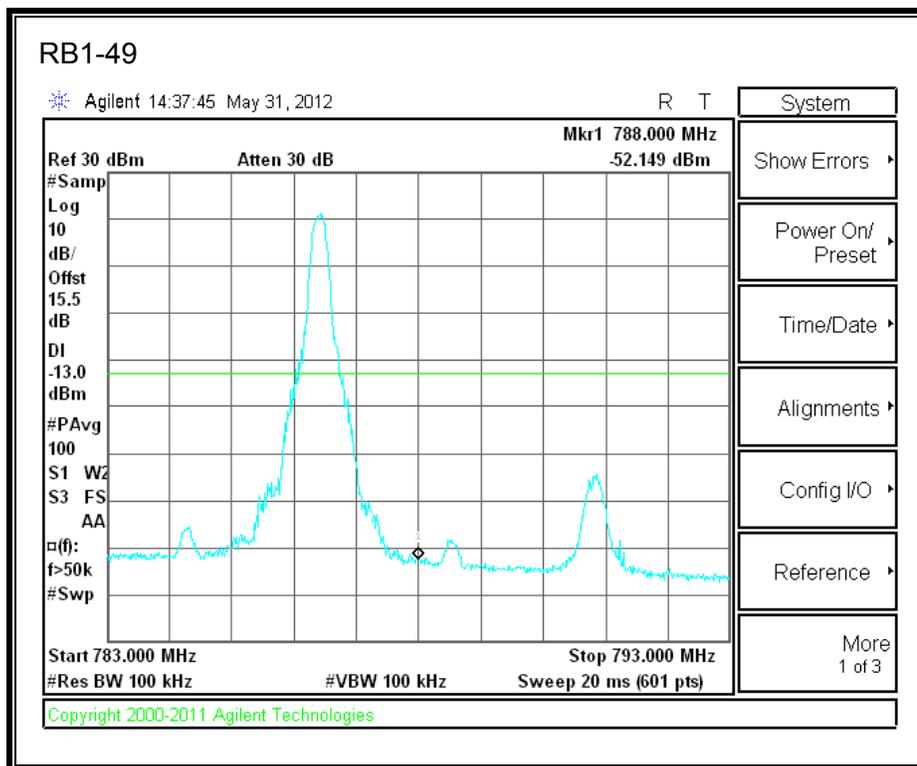
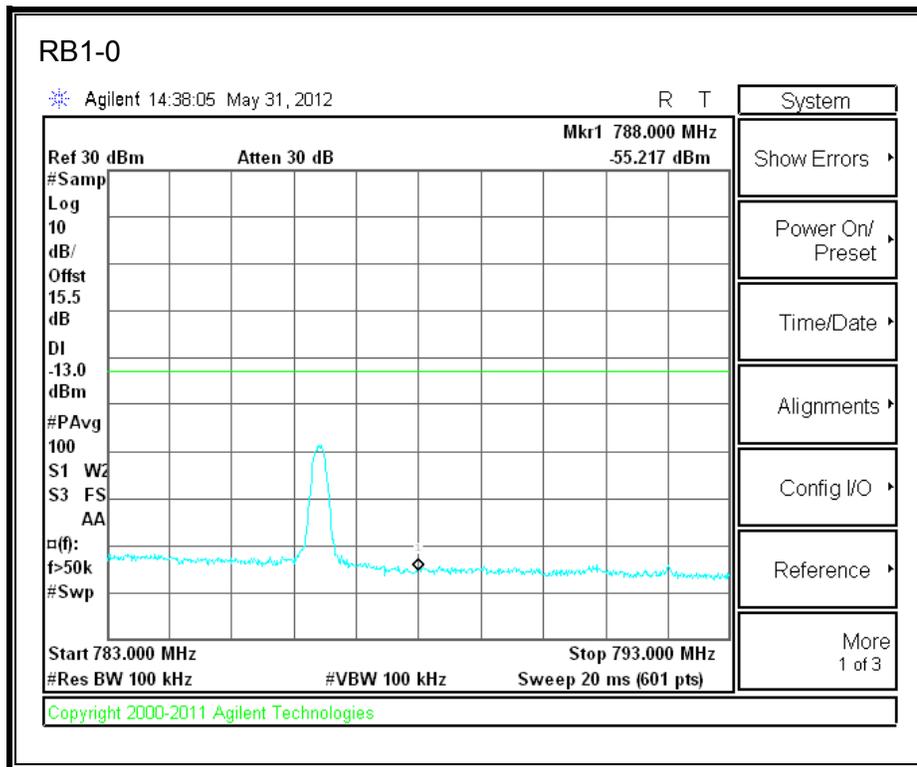


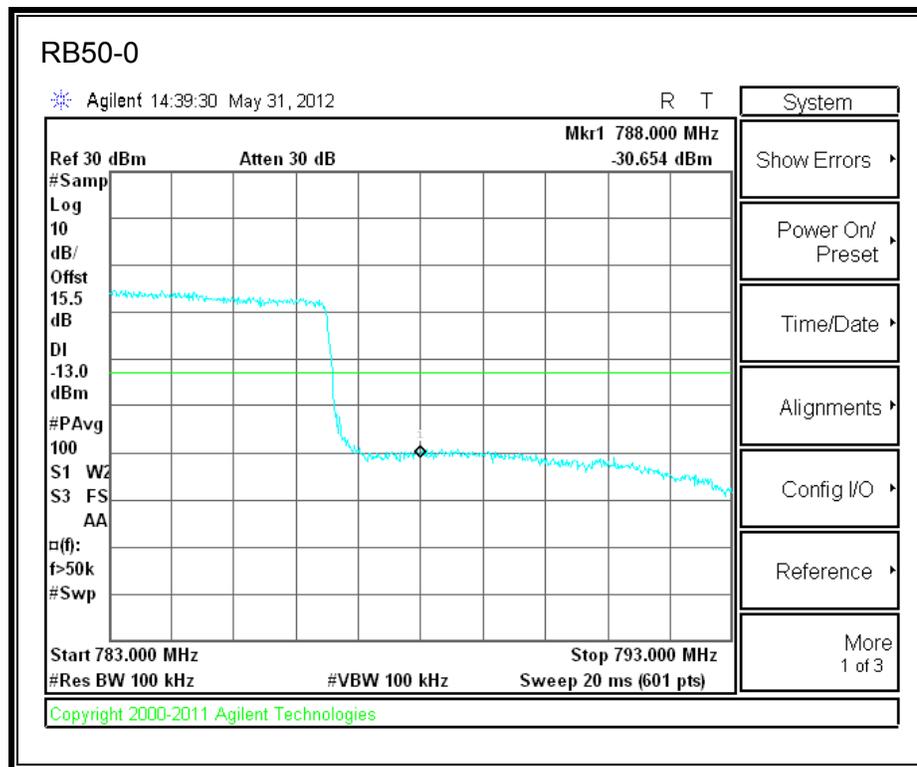
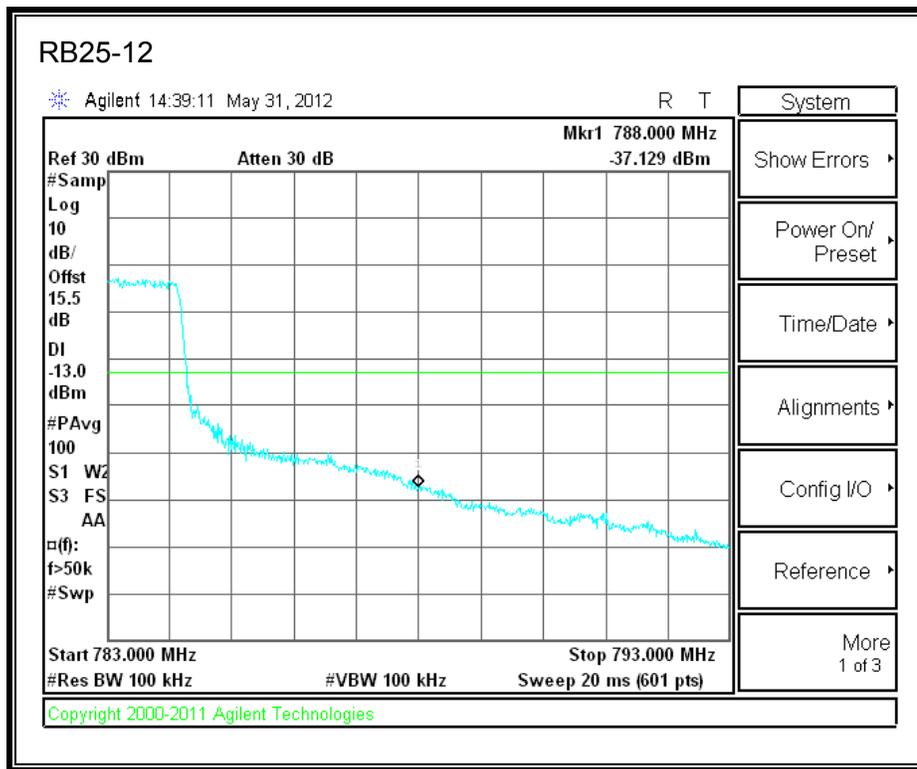
LTE QPSK 782MHz Band 13, 783 - 793MHz (10MHz Bandwidth)



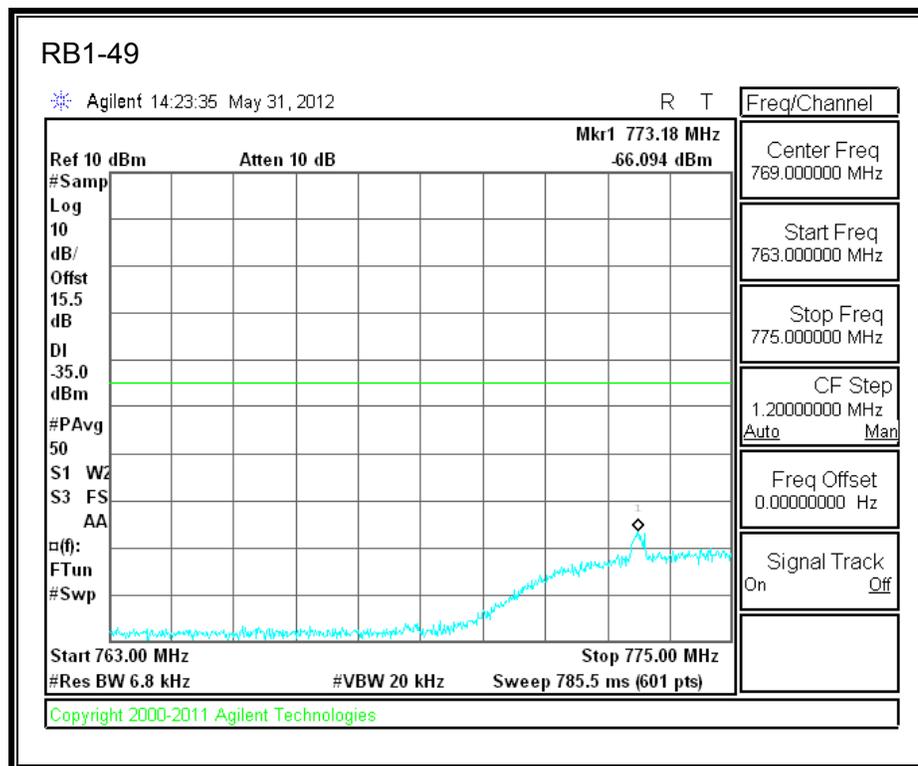
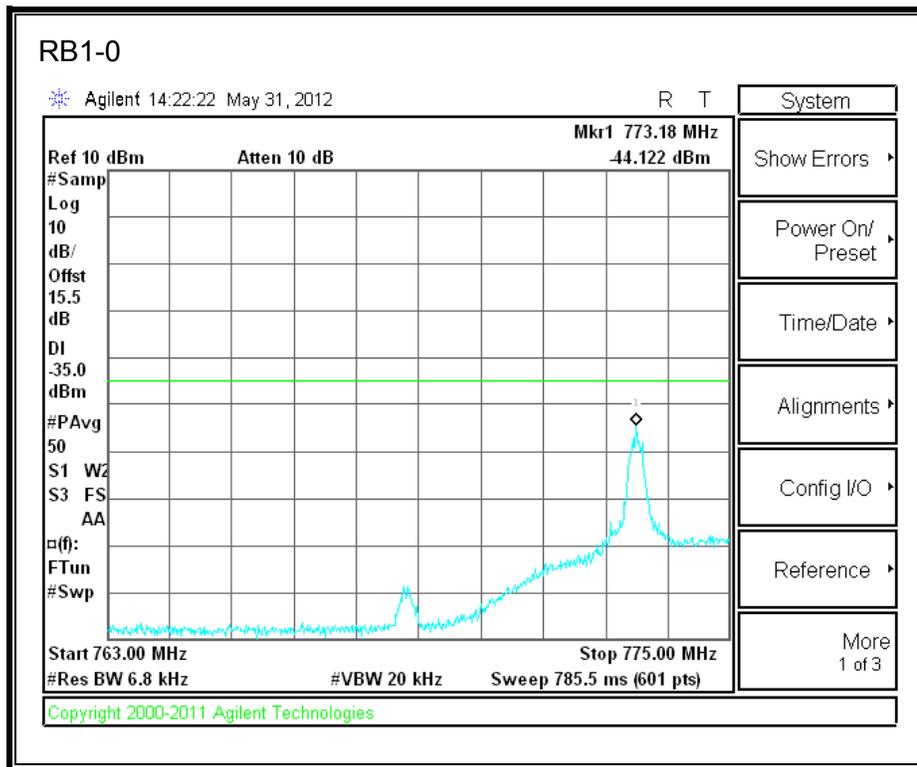


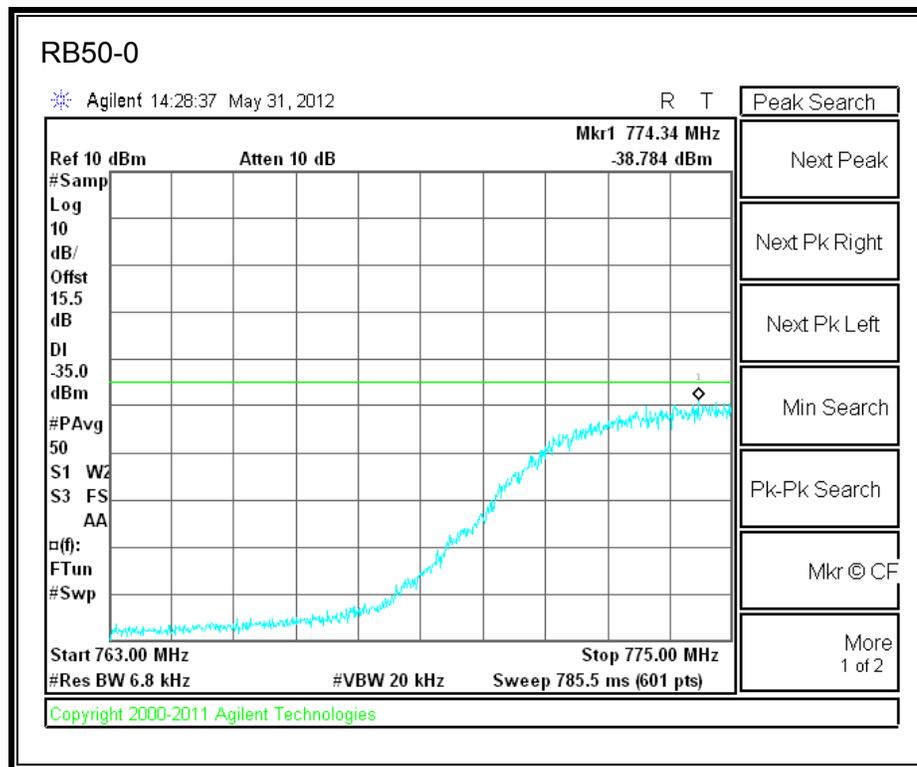
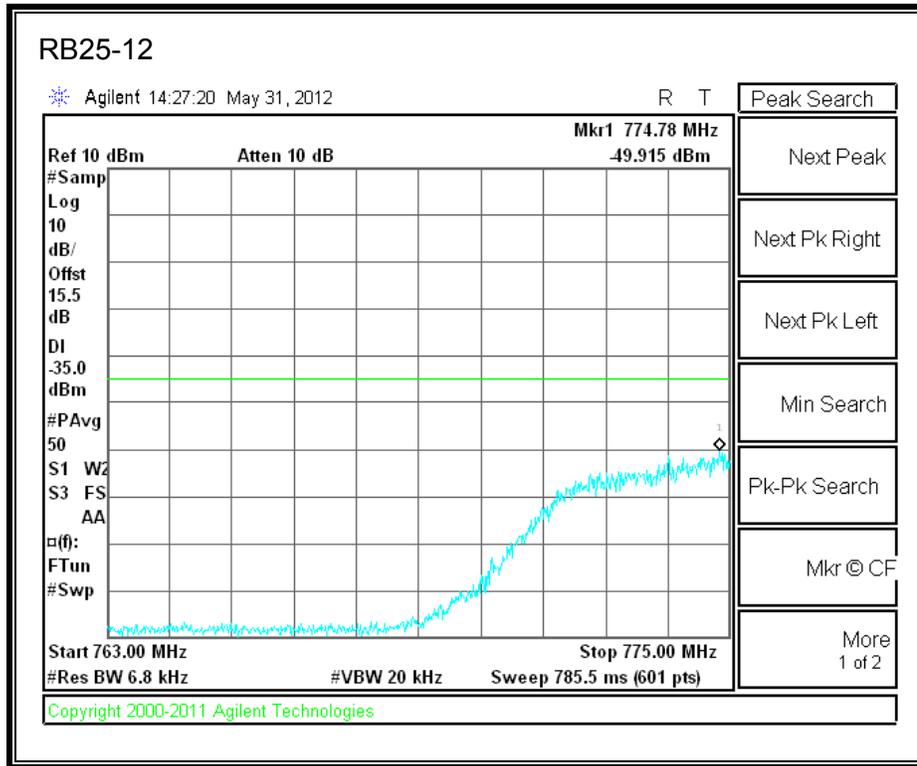
LTE 16QAM Band 13, 782MHz 783 - 793MHz (10MHz Bandwidth)



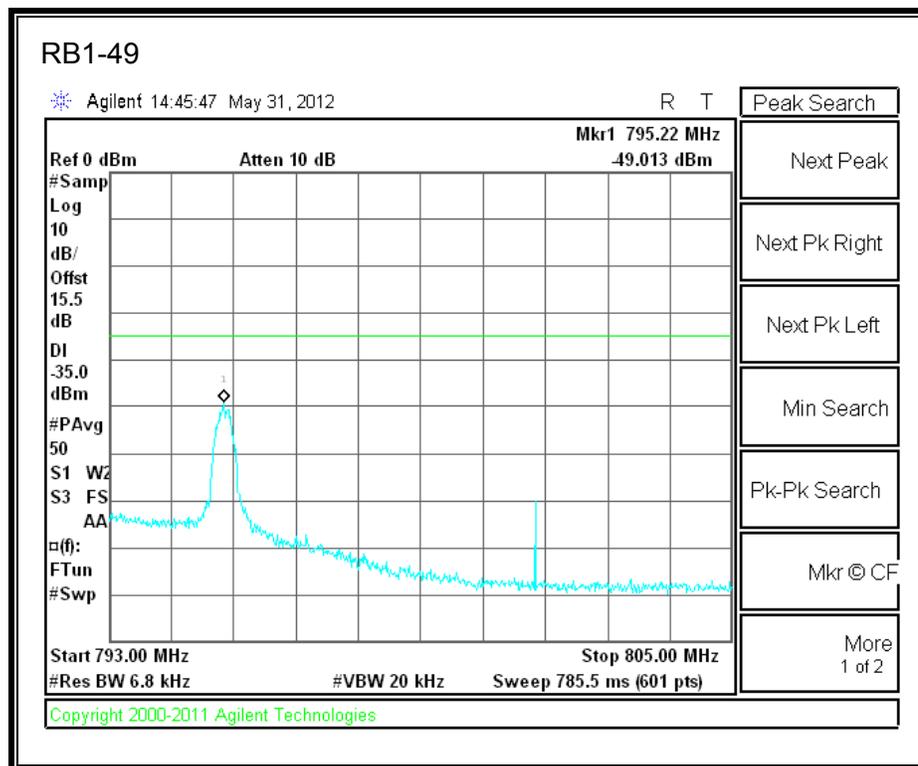
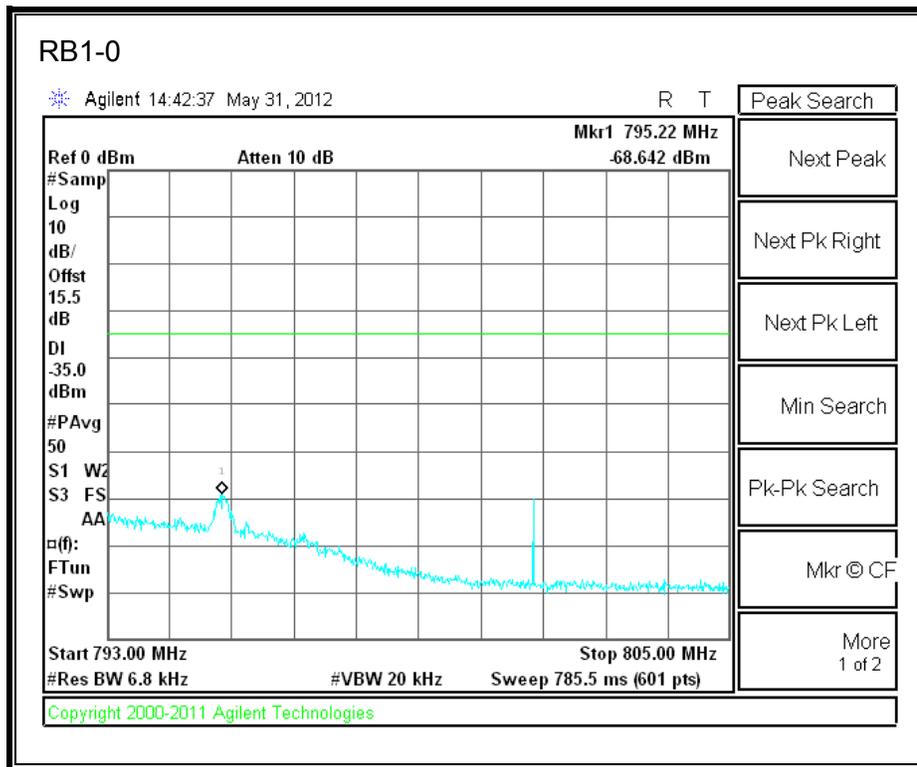


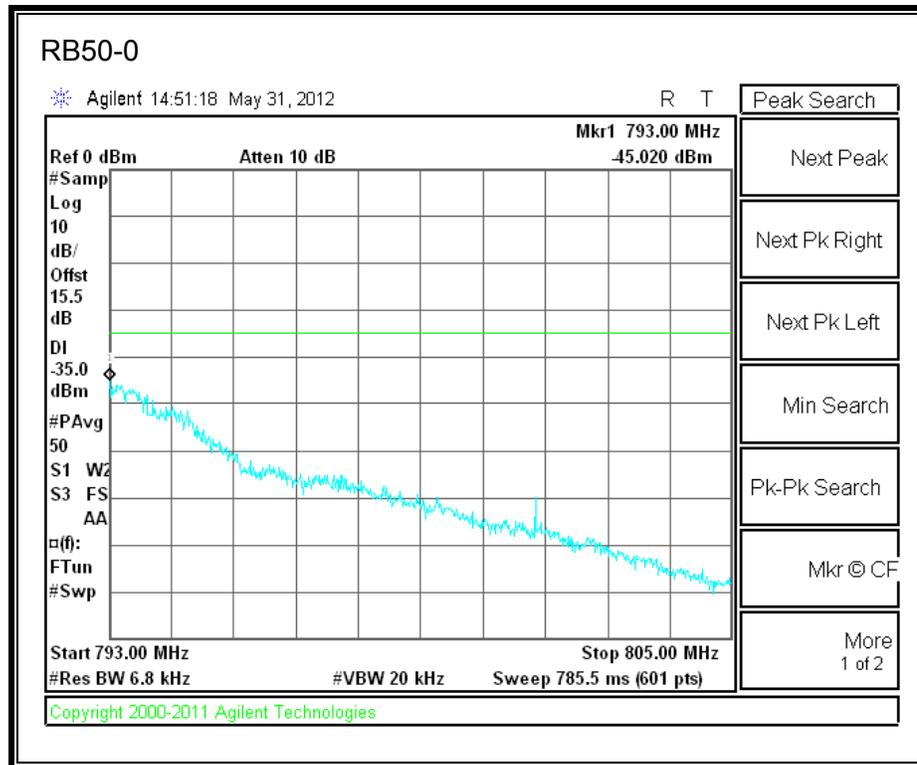
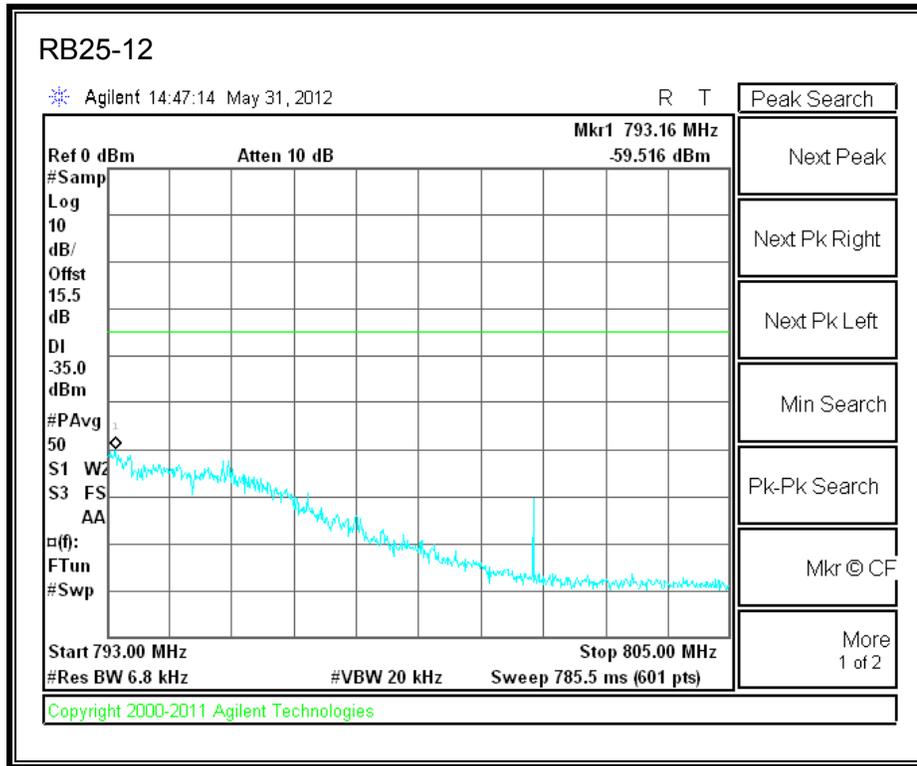
LTE QPSK 782MHz Band 13, 763 - 775MHz (10MHz Bandwidth)



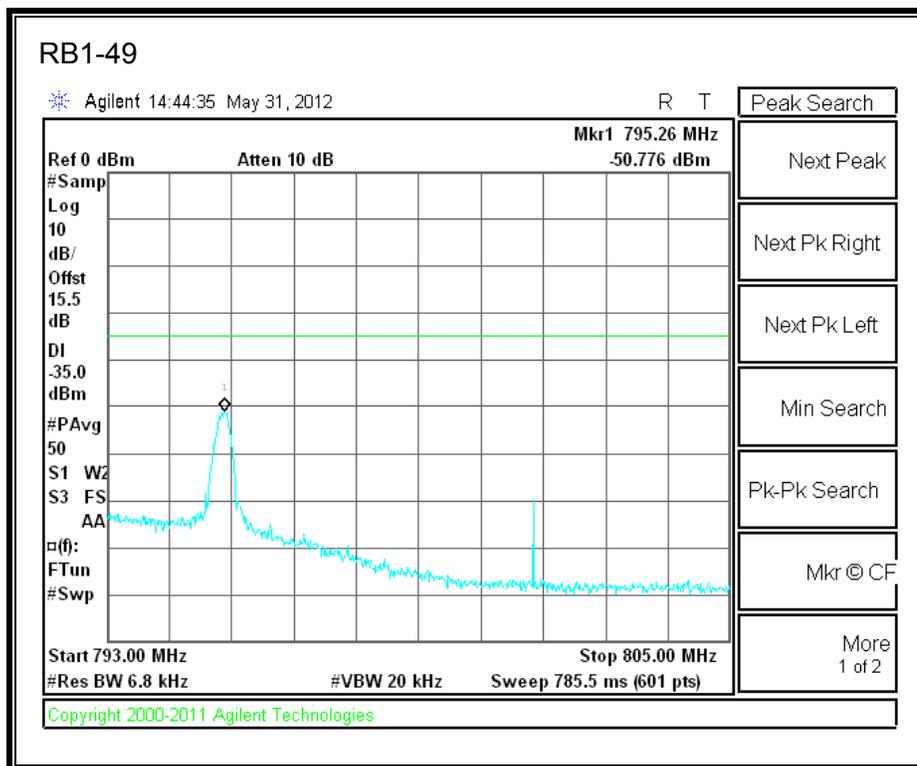
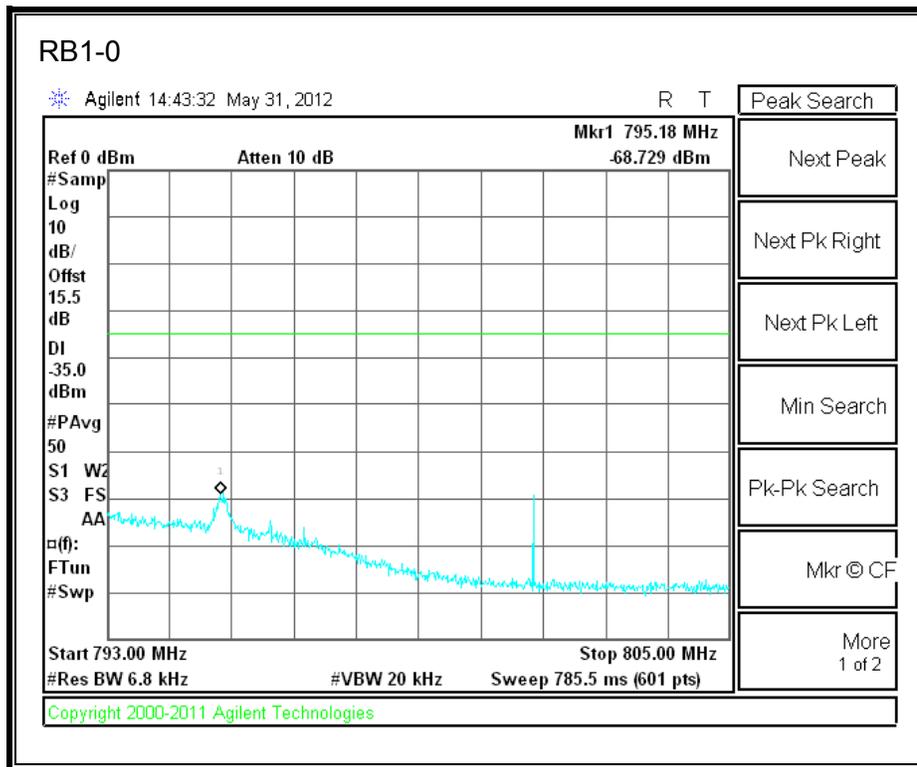


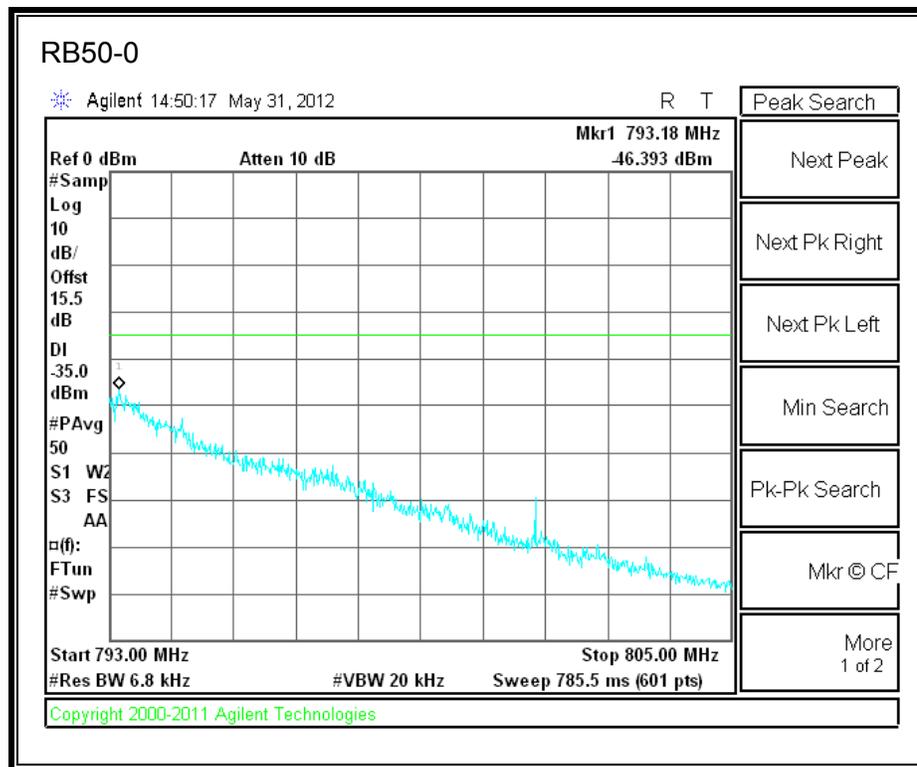
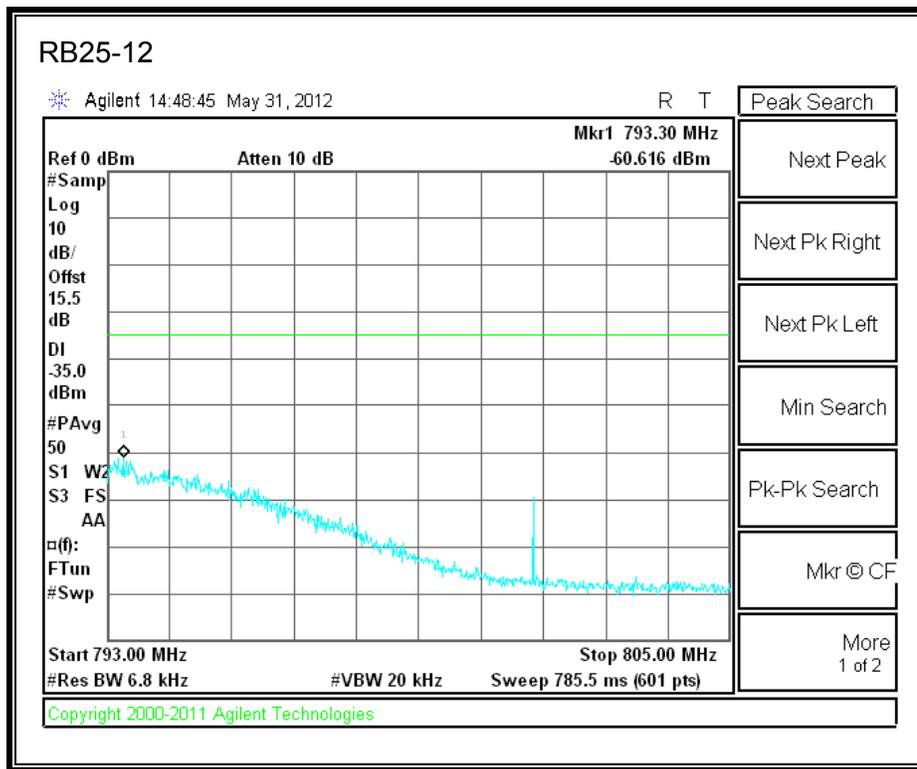
LTE QPSK Band 13, 793 - 805MHz (10MHz Bandwidth)





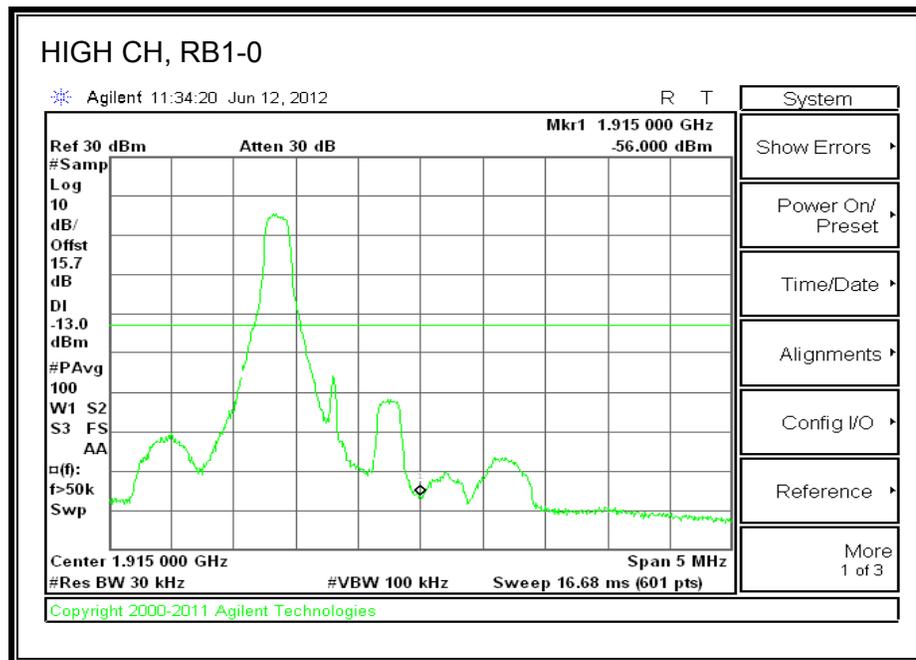
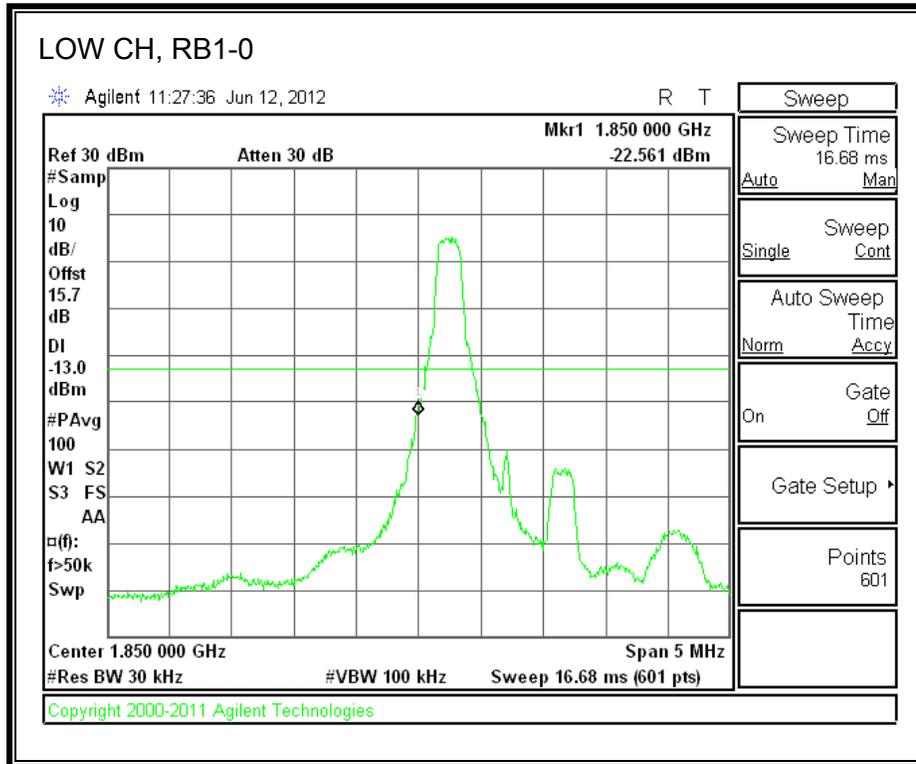
LTE 16QAM Band 13, 793 - 805MHz (10MHz Bandwidth)

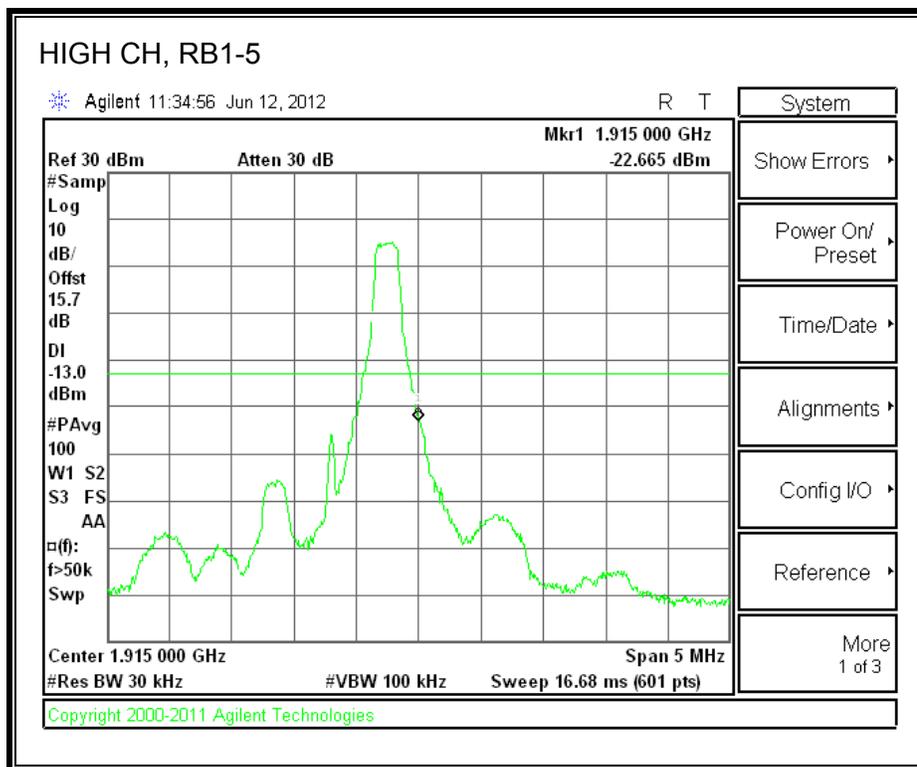
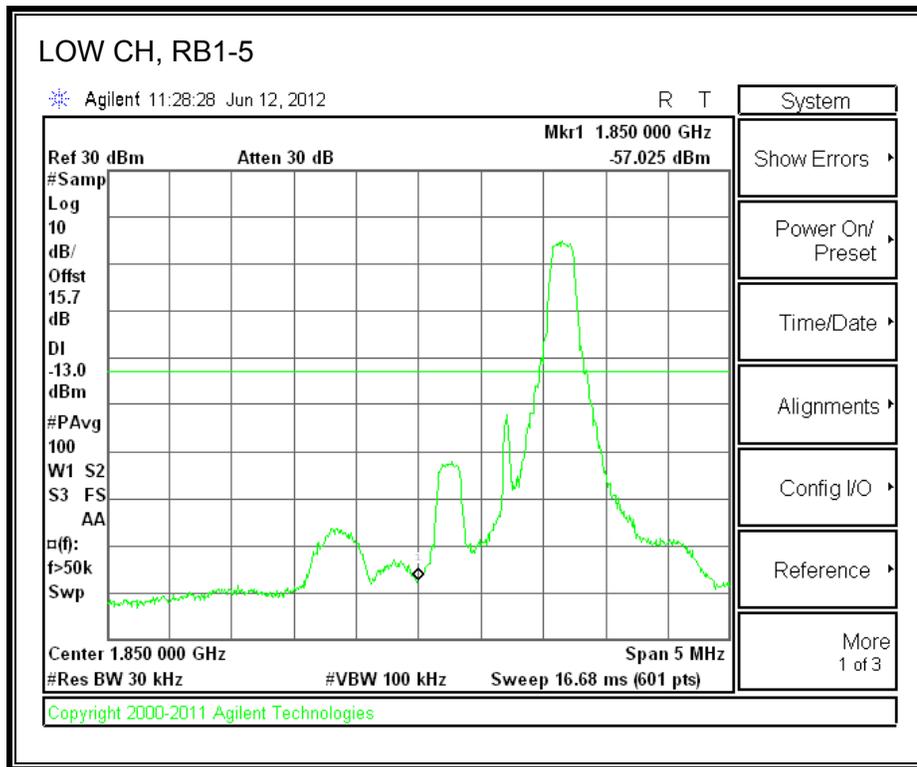


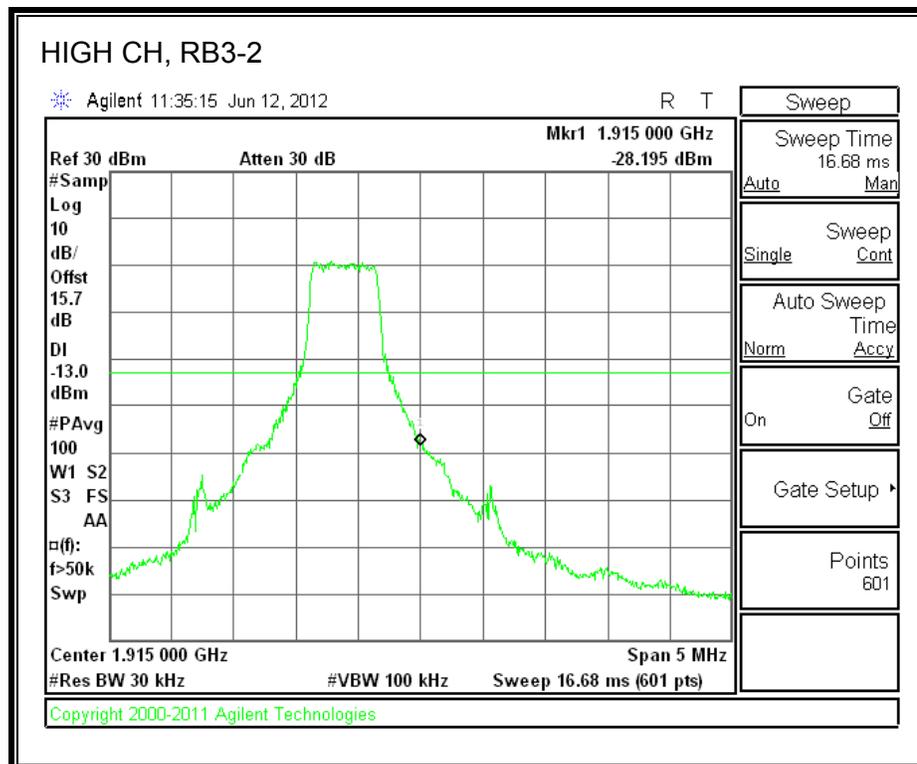
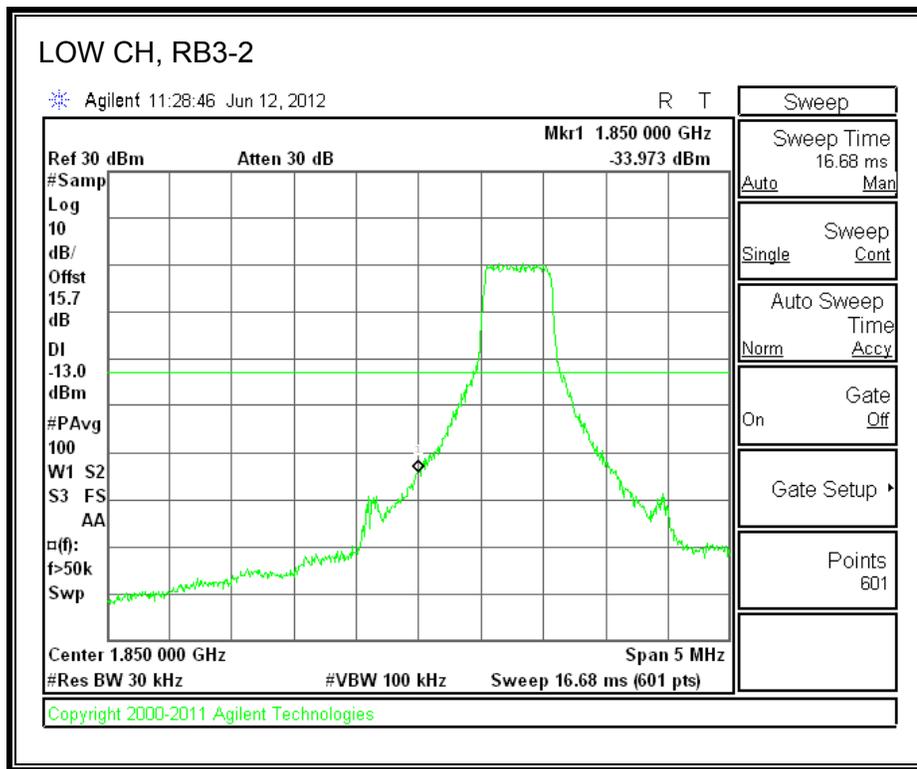


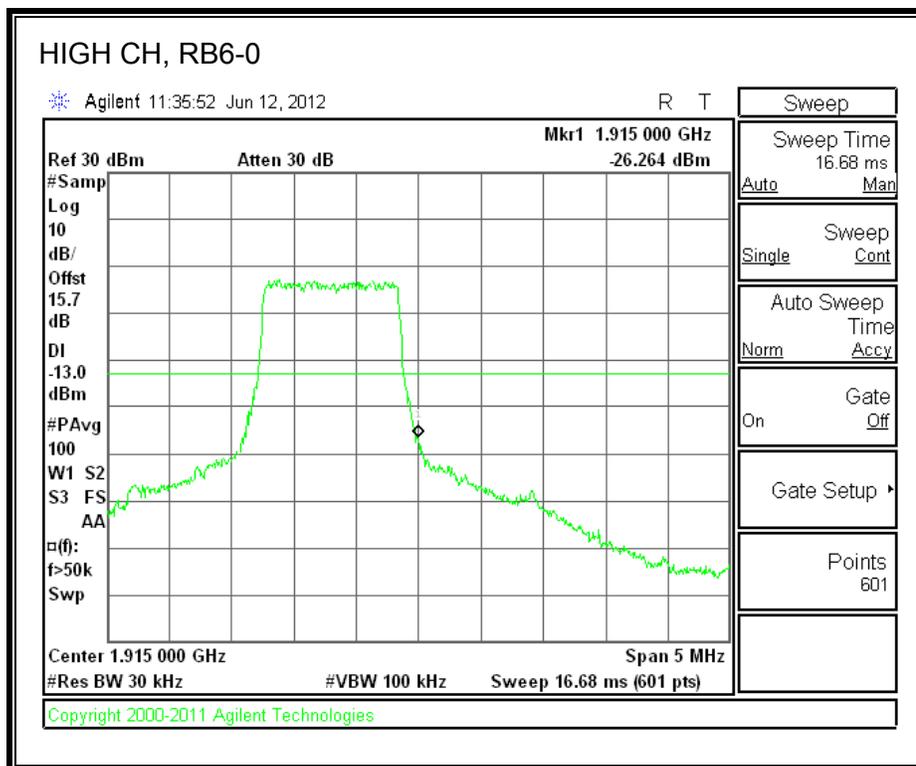
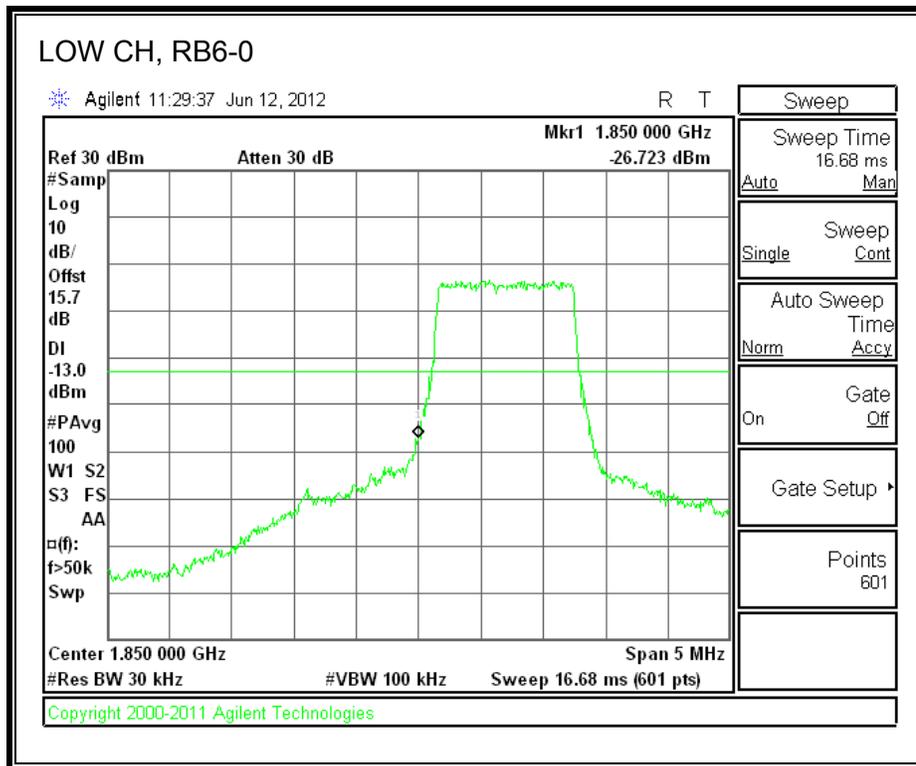
8.2.12. A1429 LAT PORT LTE BAND 25

LTE QPSK Band 25 (1.4 MHz BAND WIDTH)

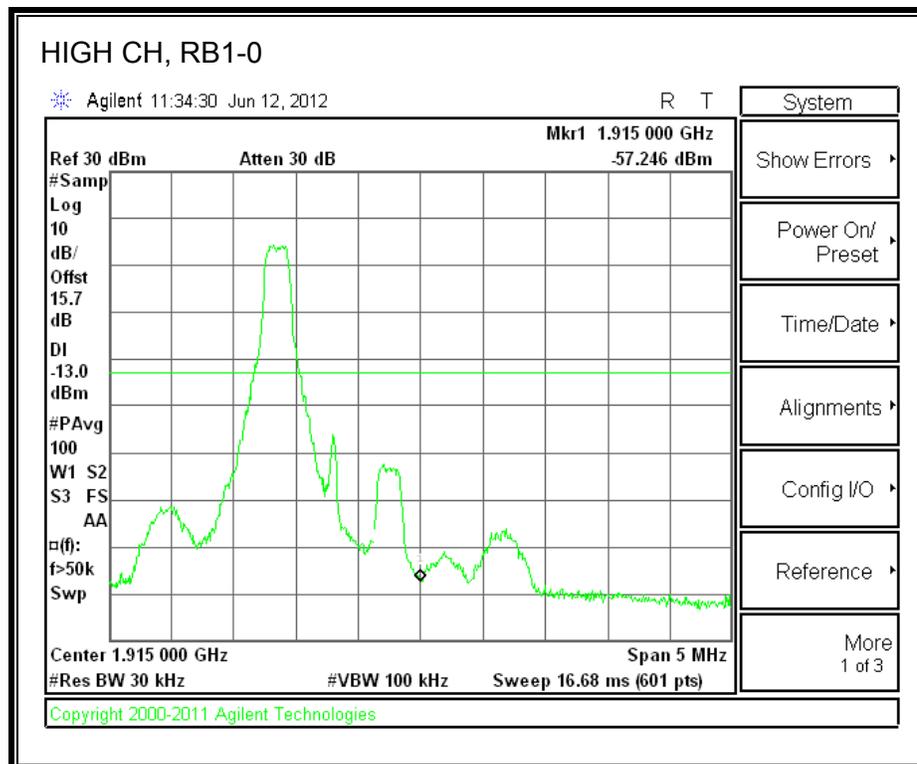
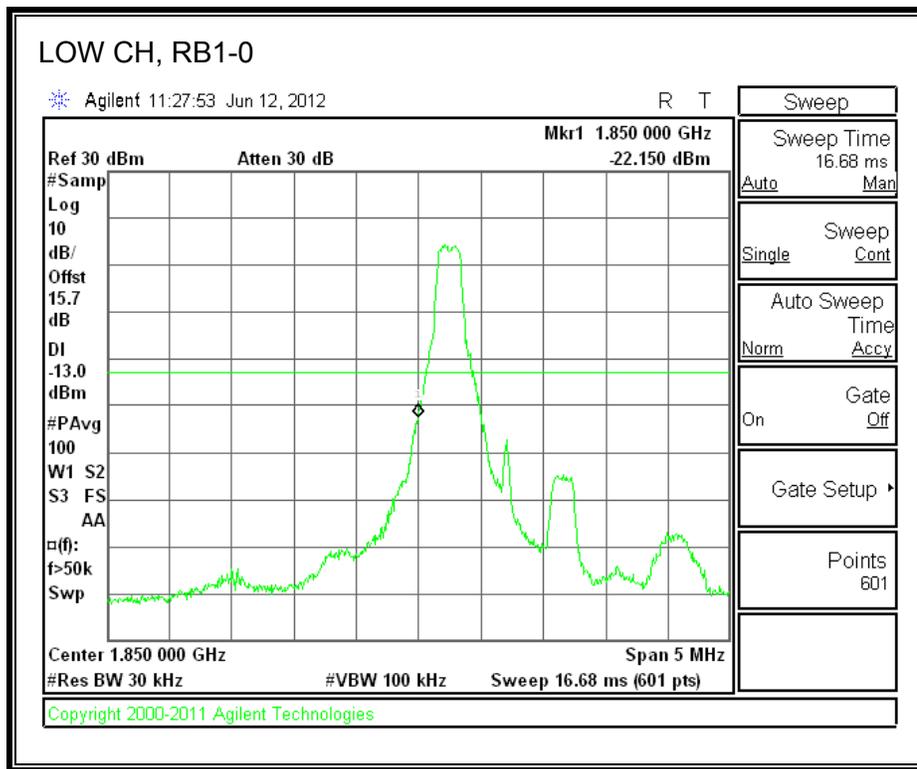


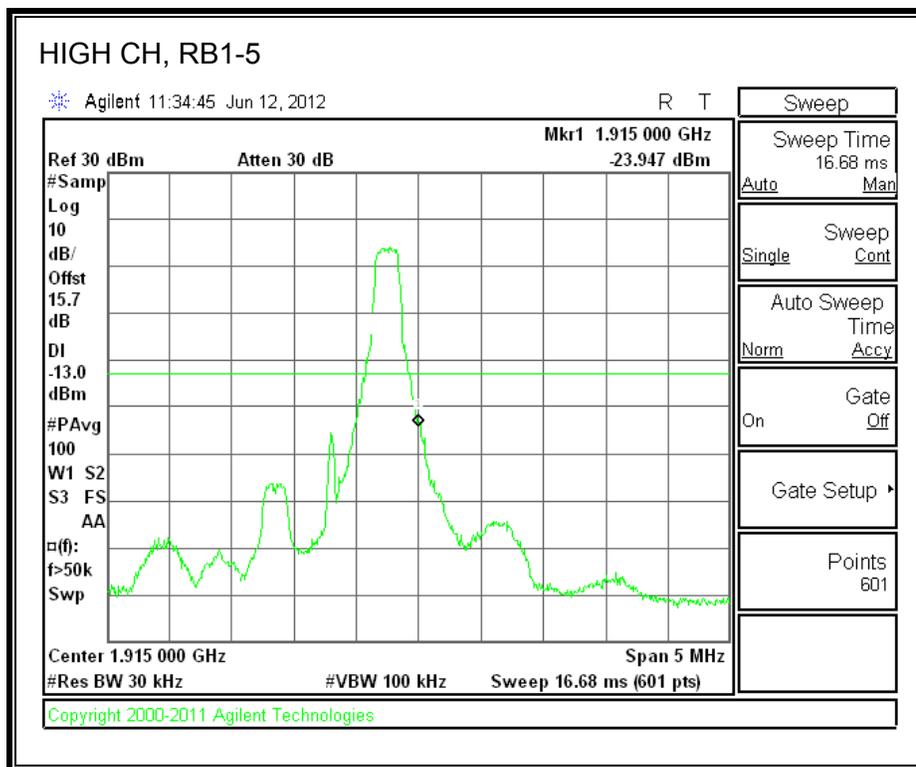
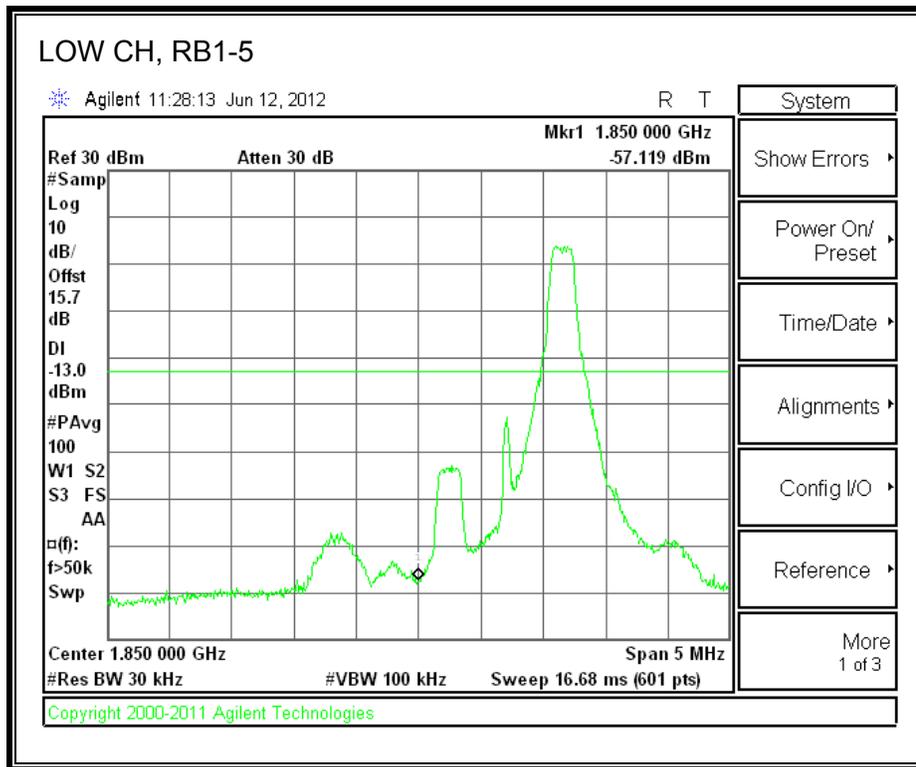


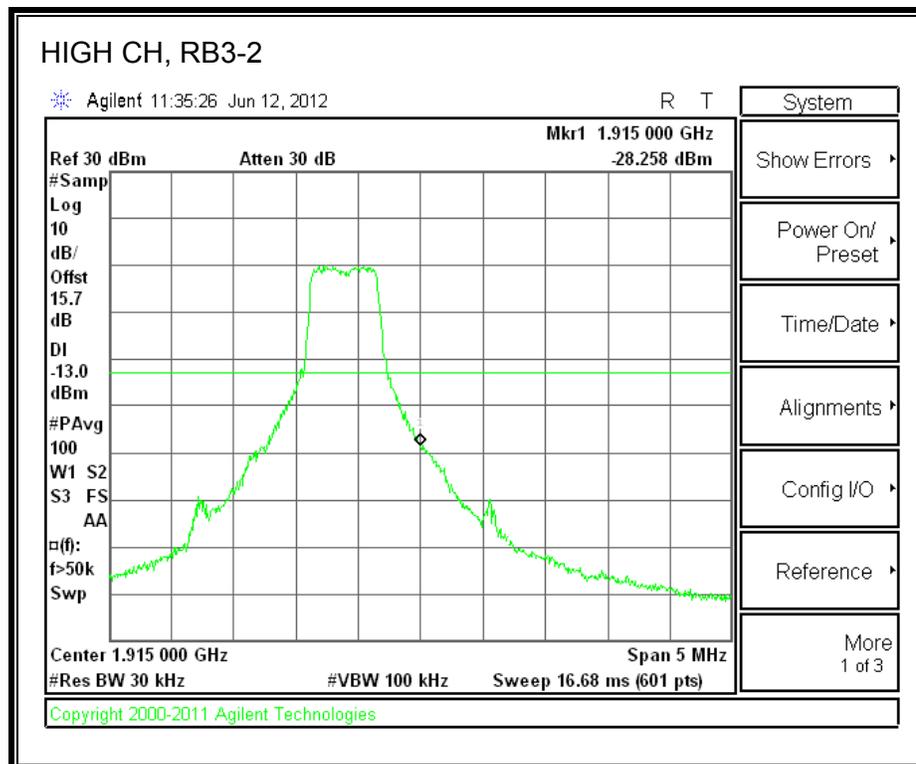
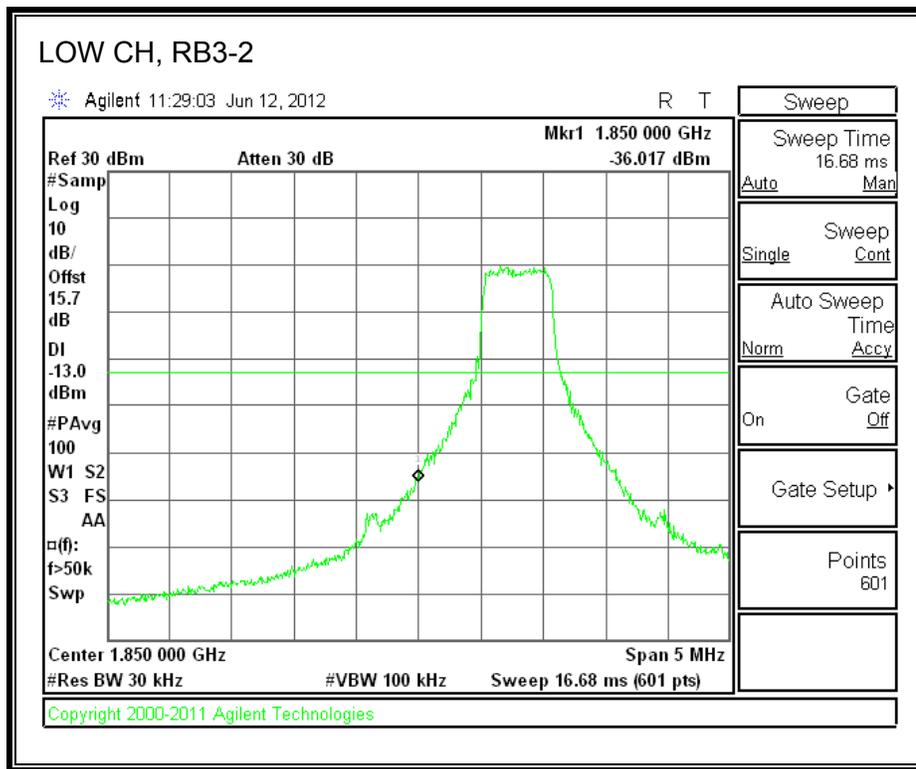


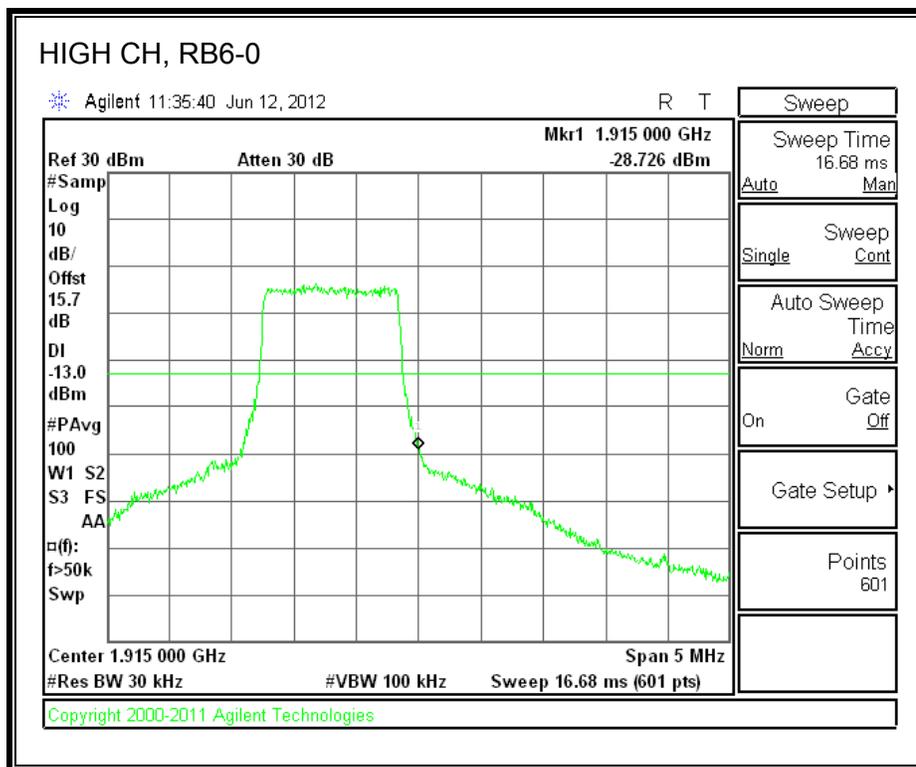
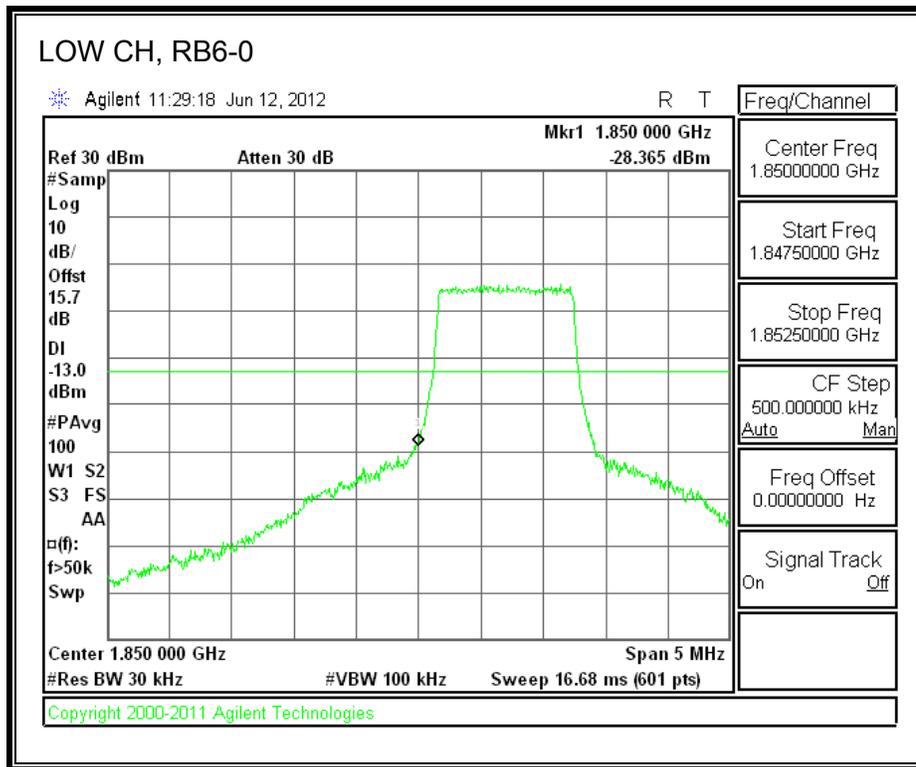


LTE 16QAM Band 25 (1.4 MHz BAND WIDTH)

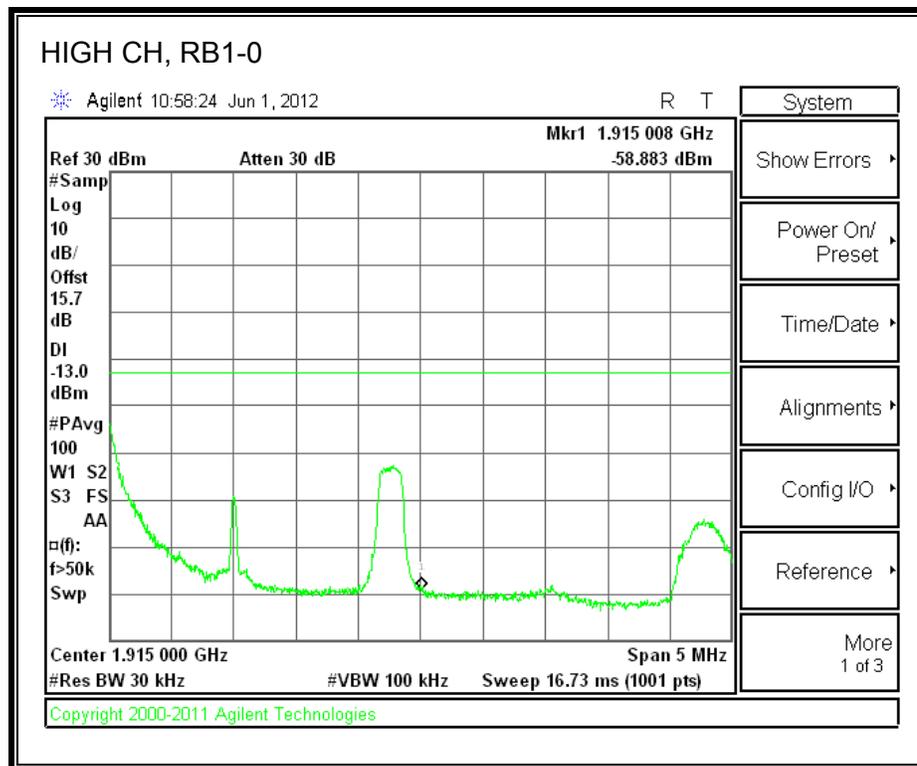
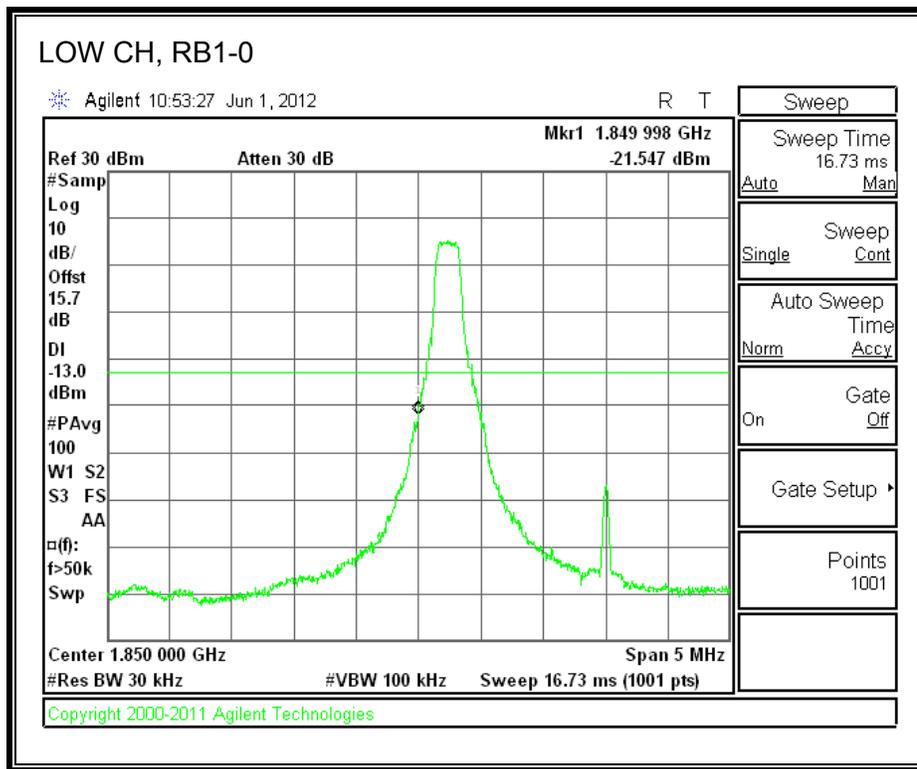


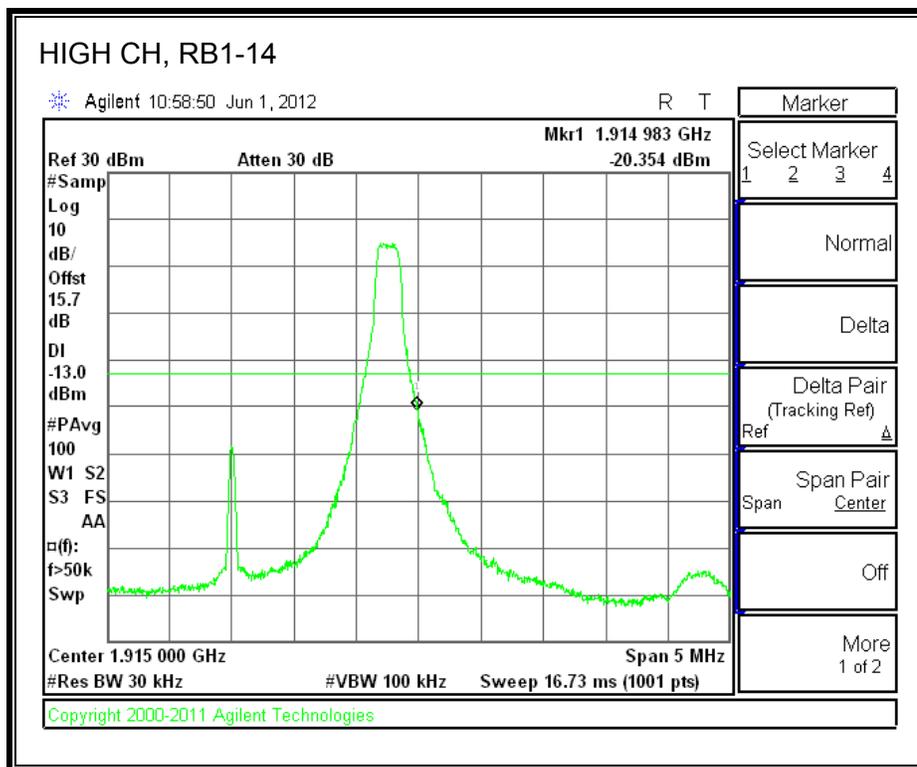
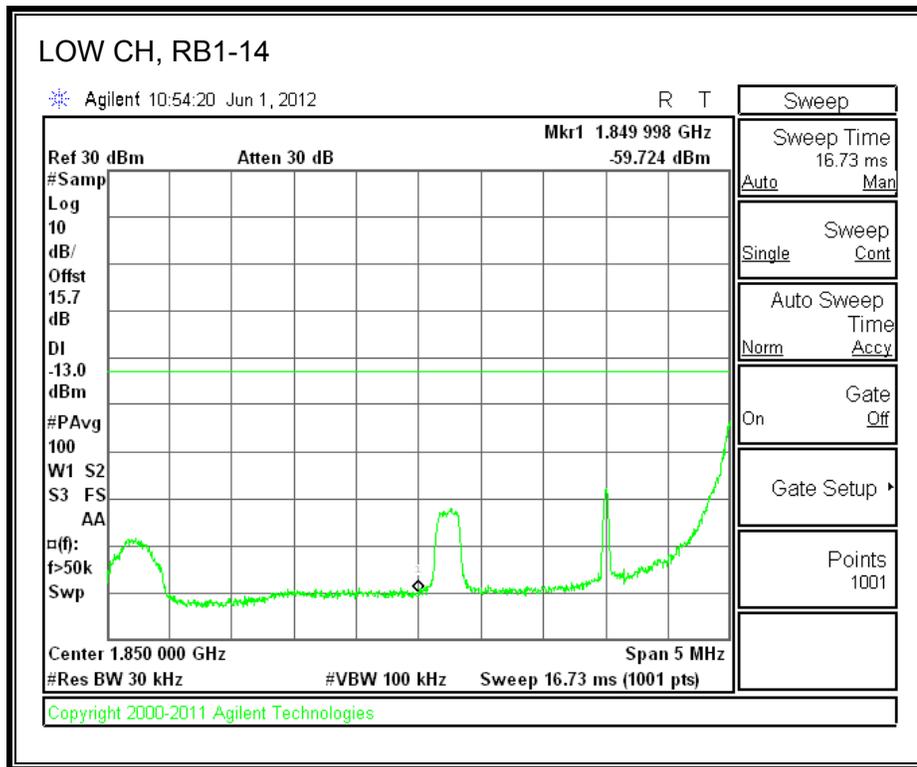


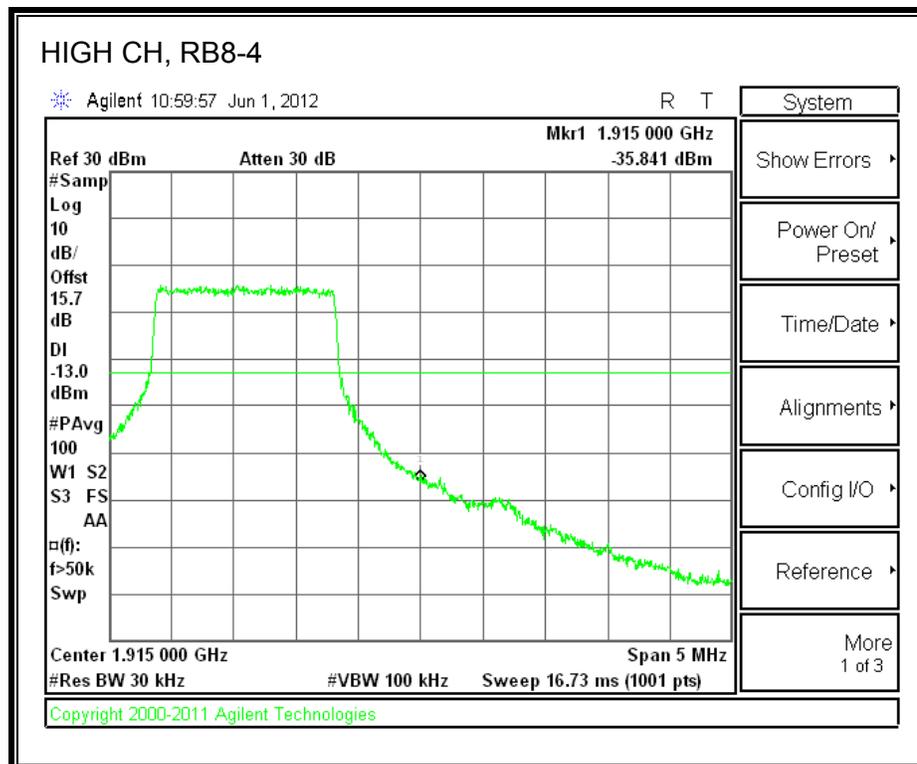
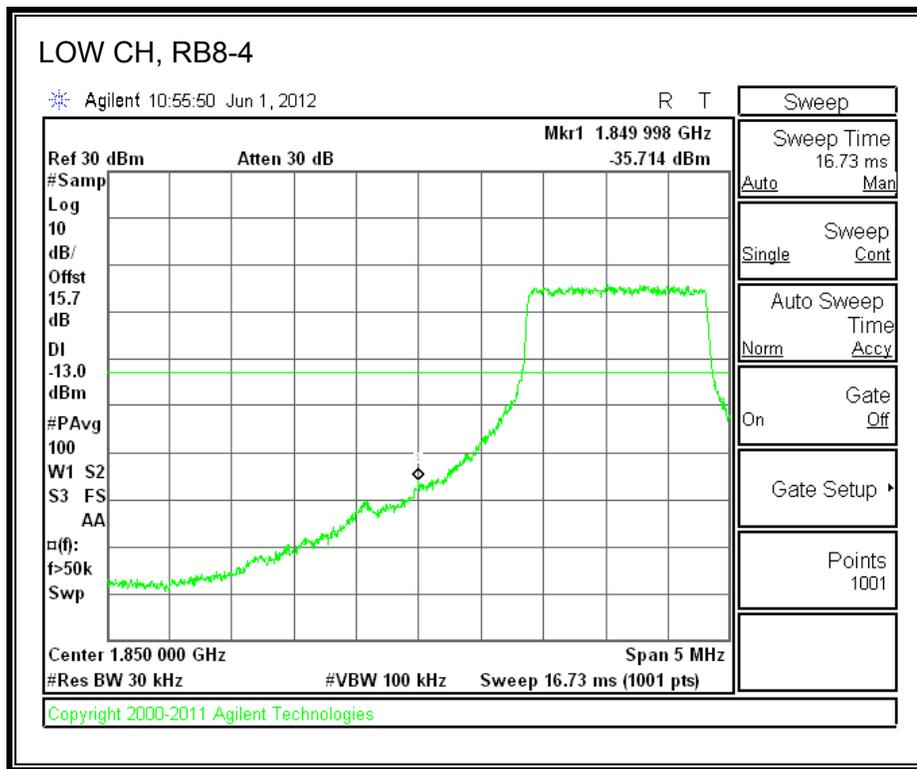


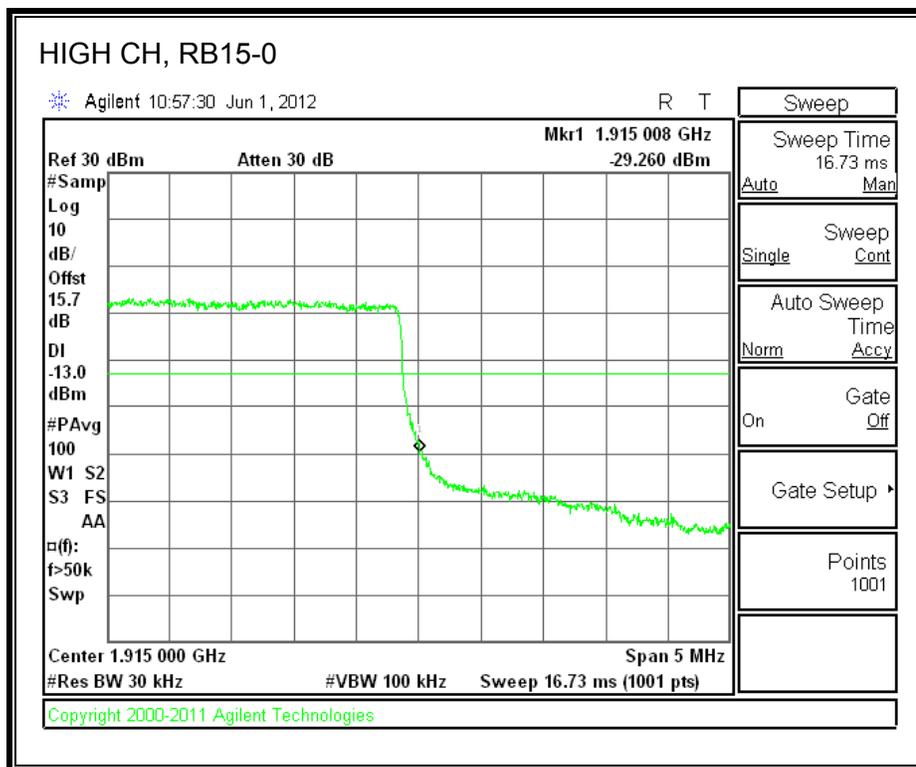
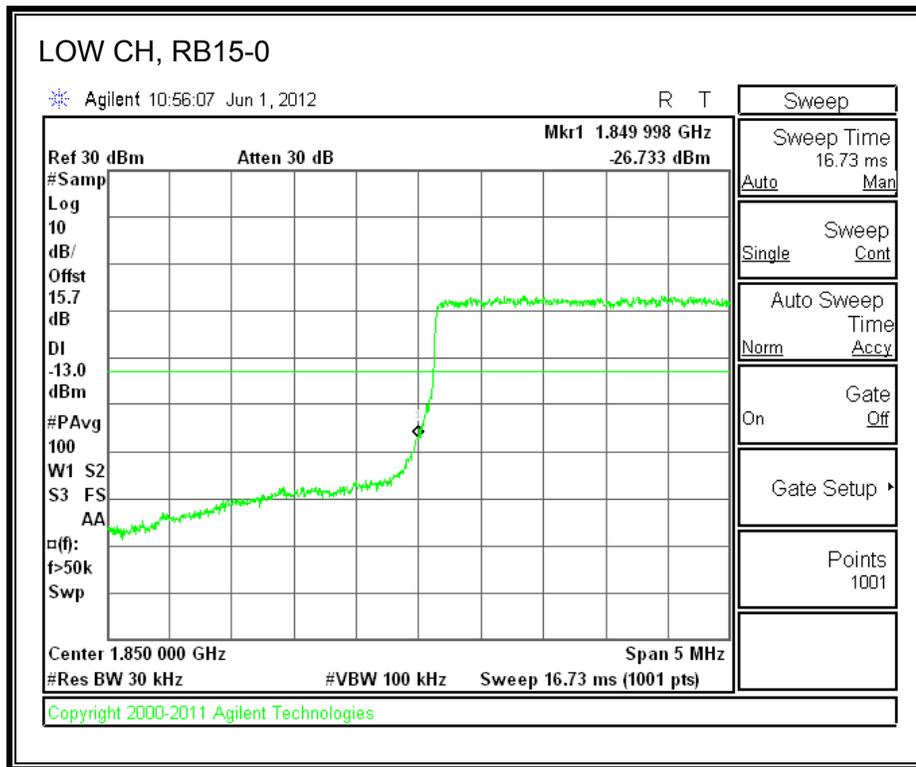


LTE QPSK Band 25 (3.0 MHz BAND WIDTH)

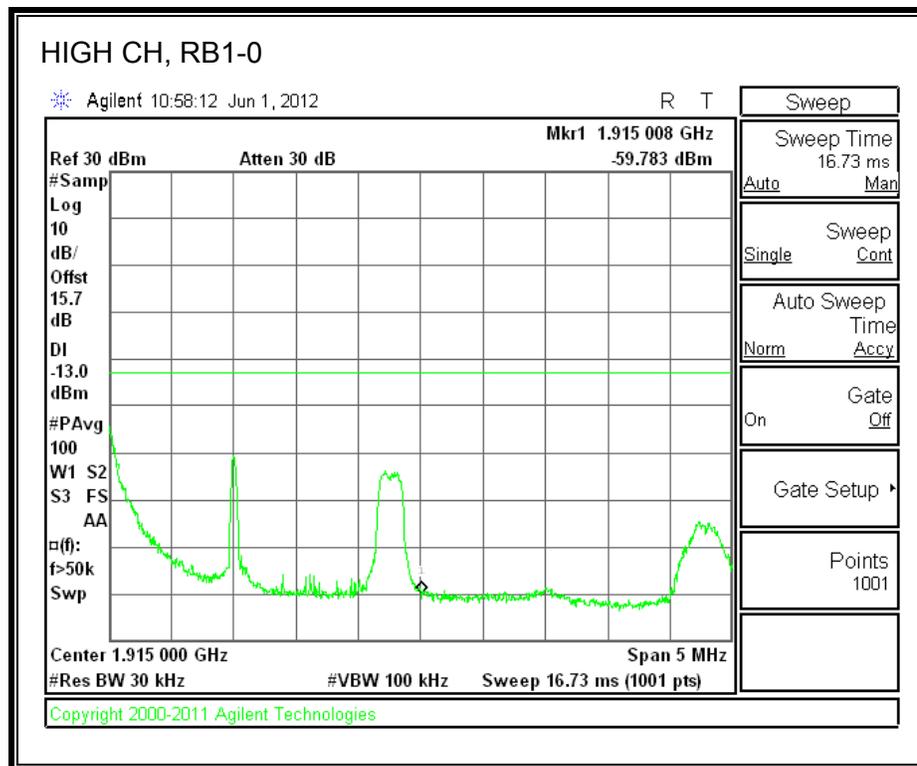
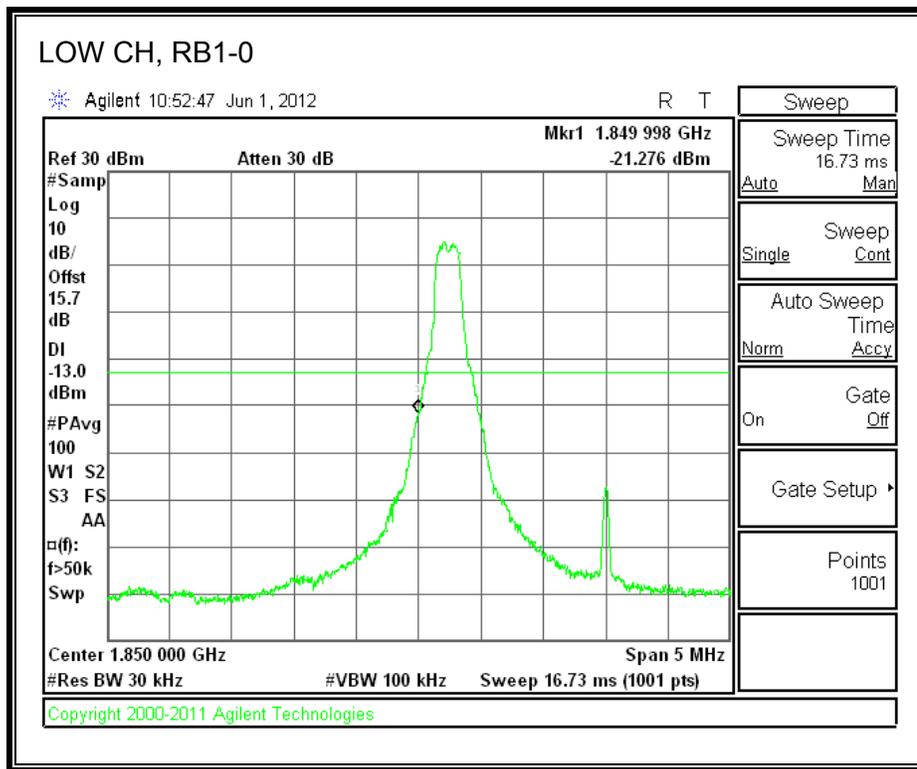


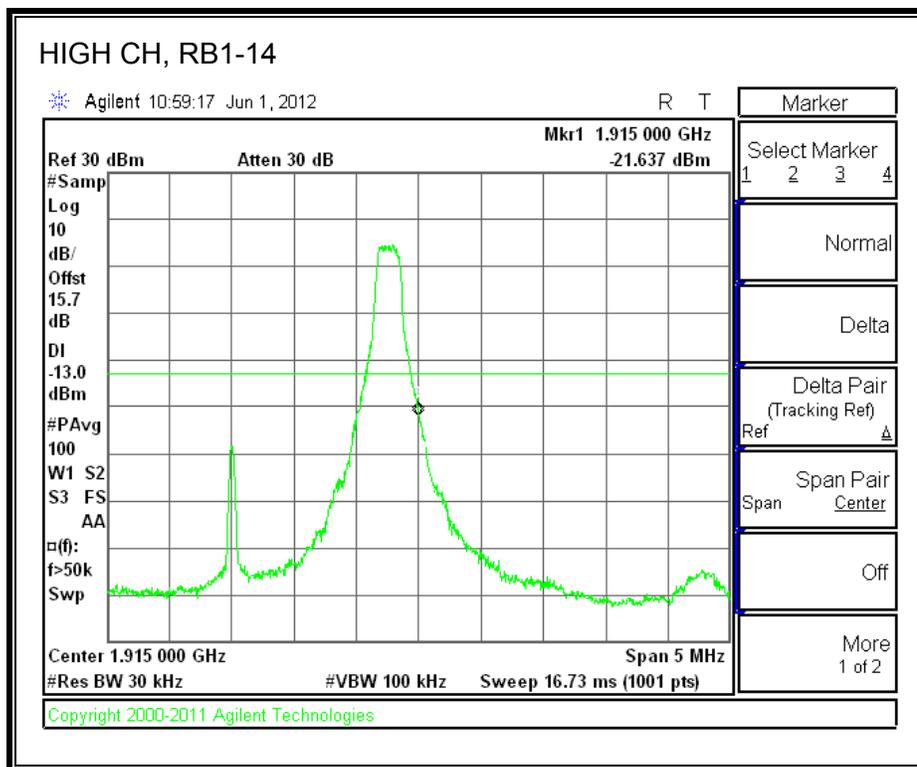
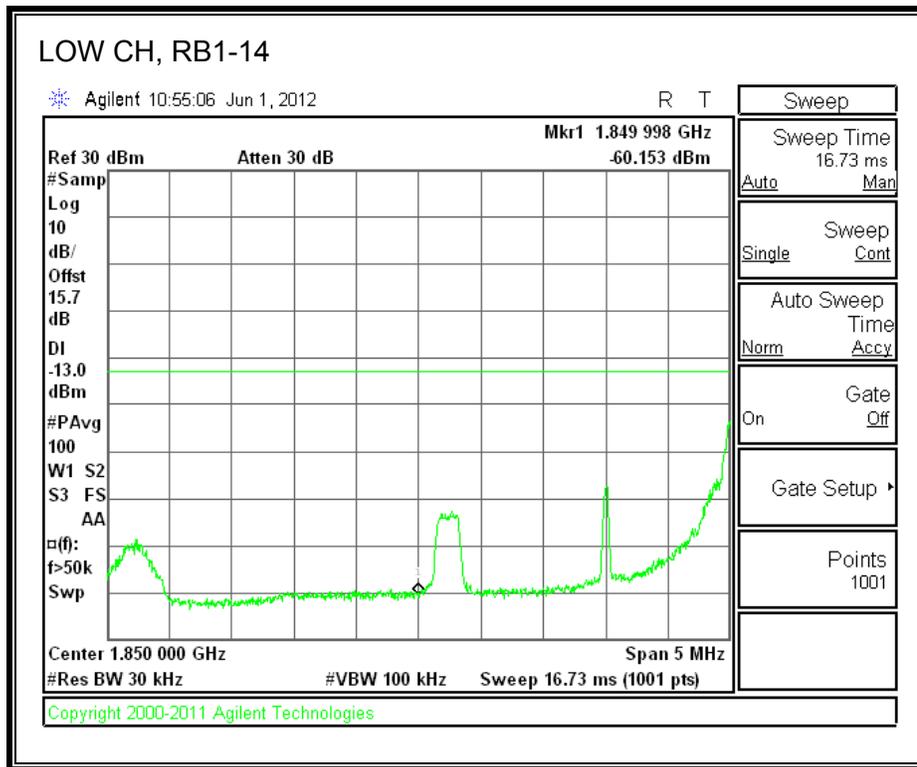


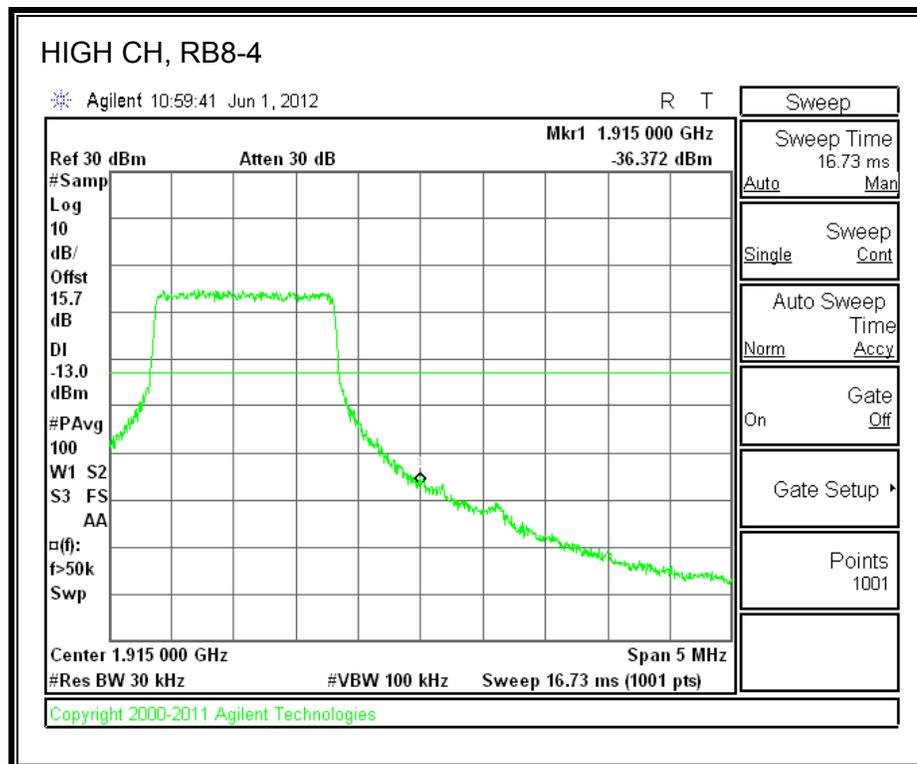
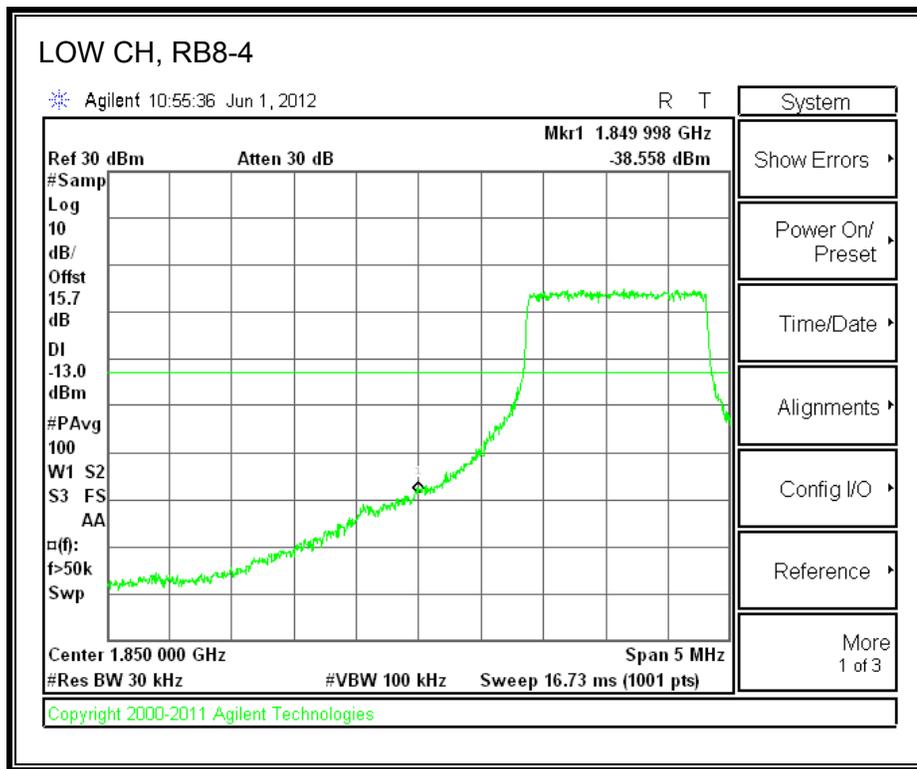


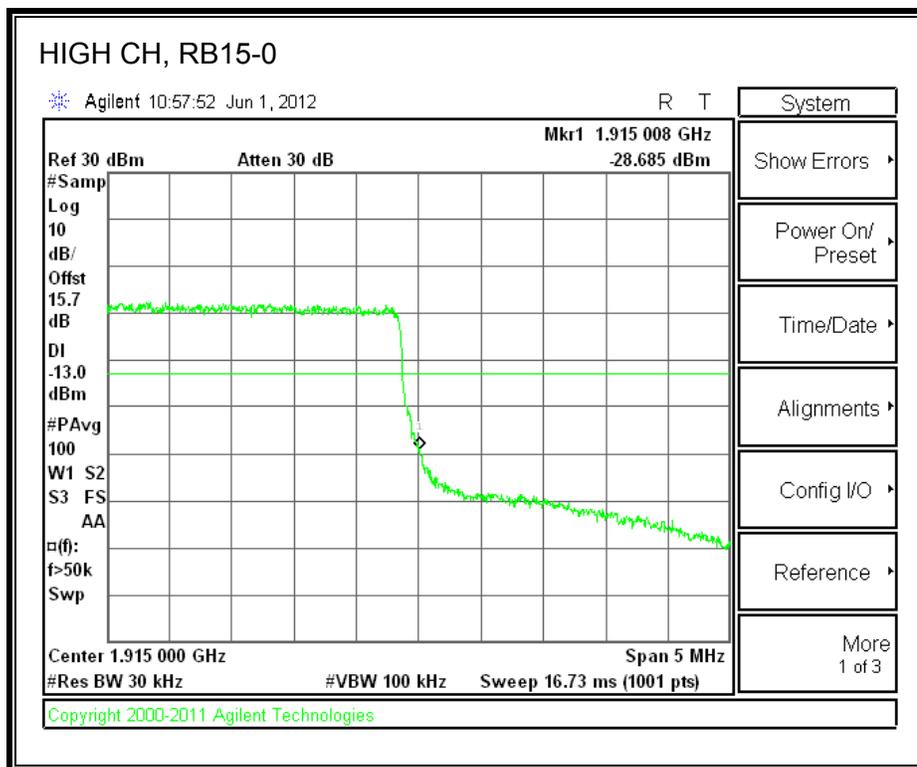
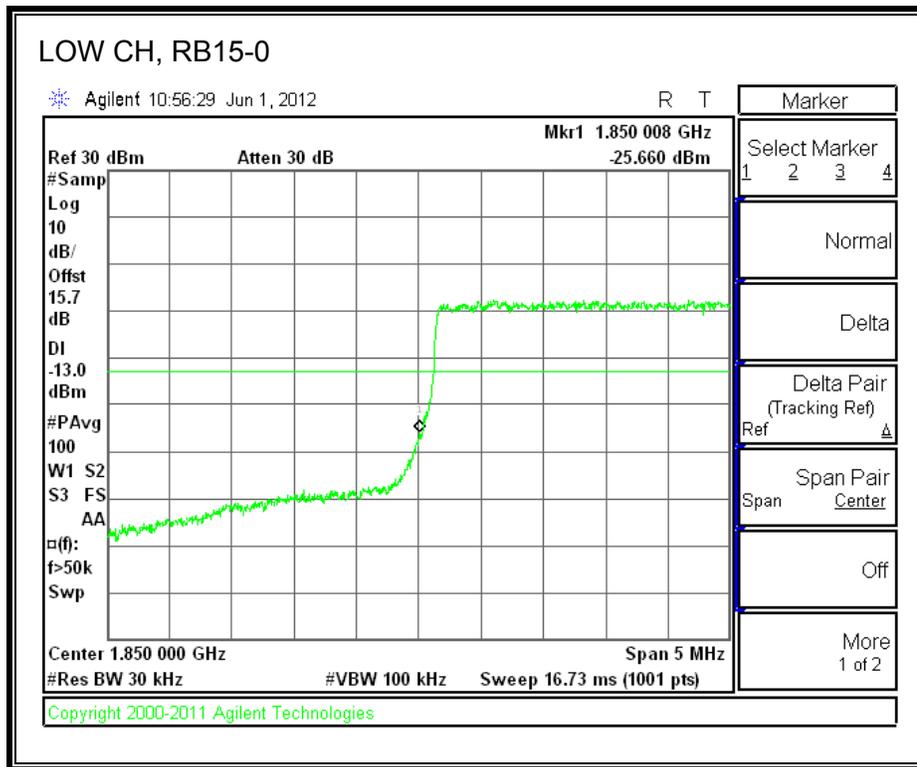


LTE 16QAM Band 25 (3.0 MHz BAND WIDTH)

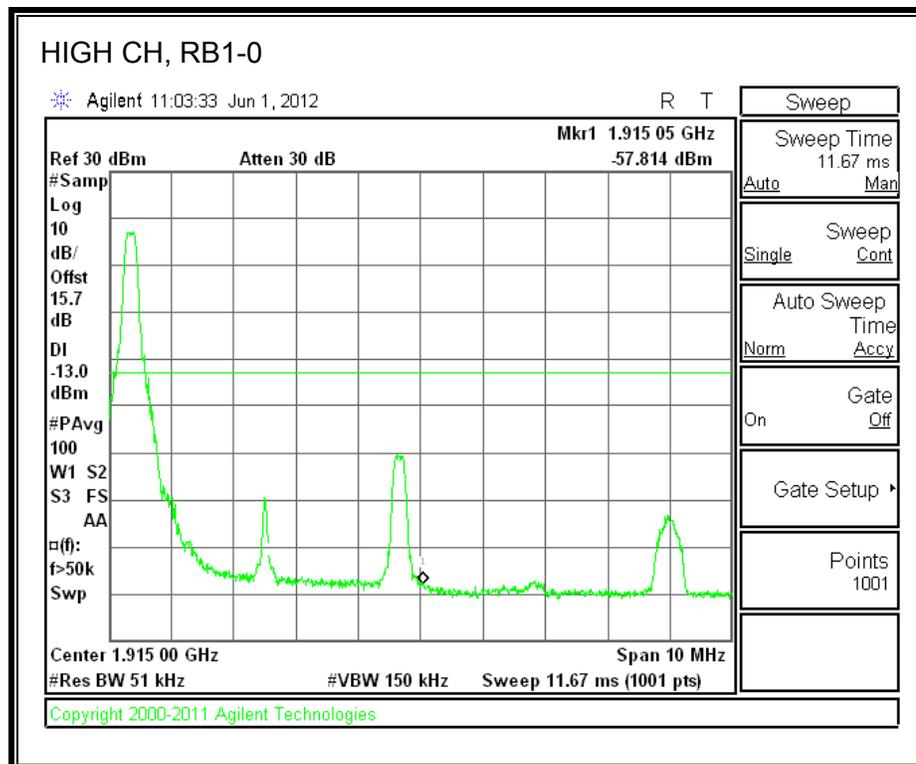
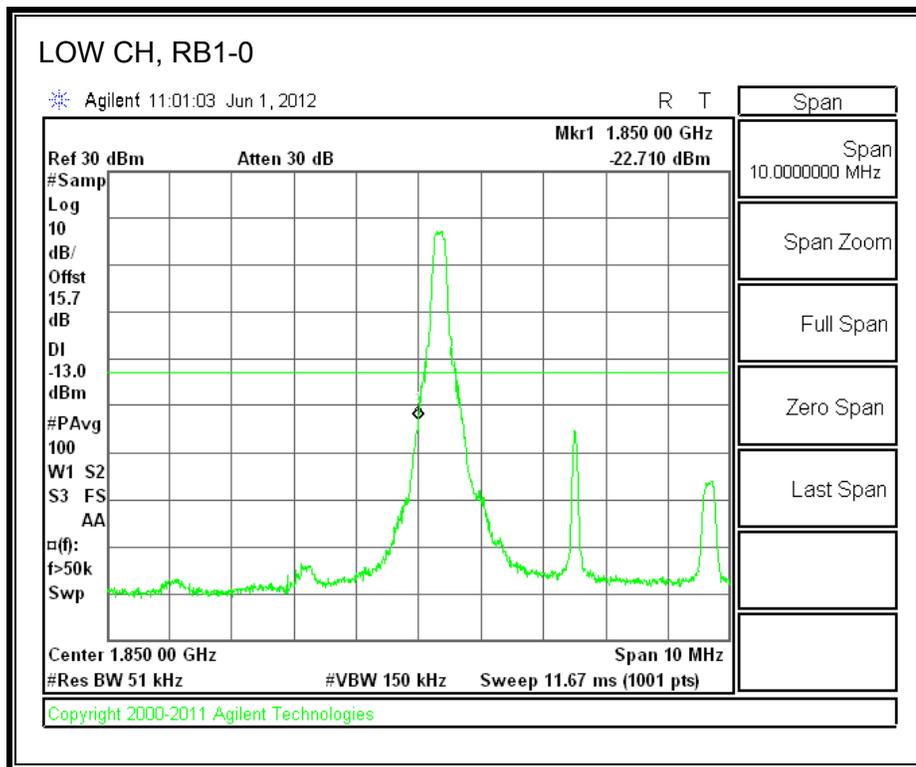


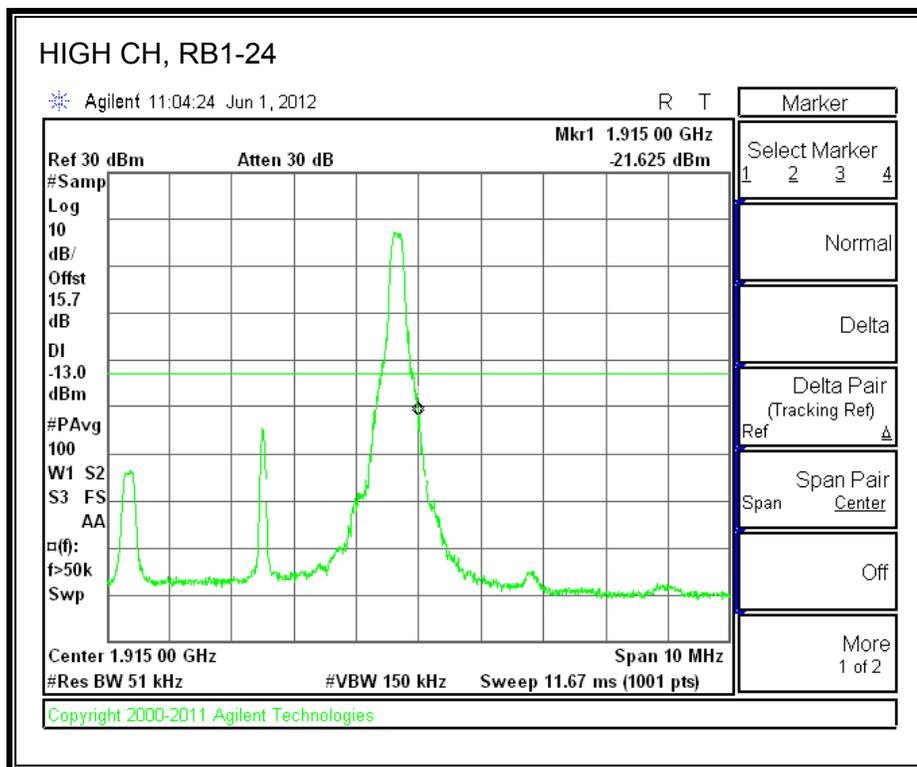
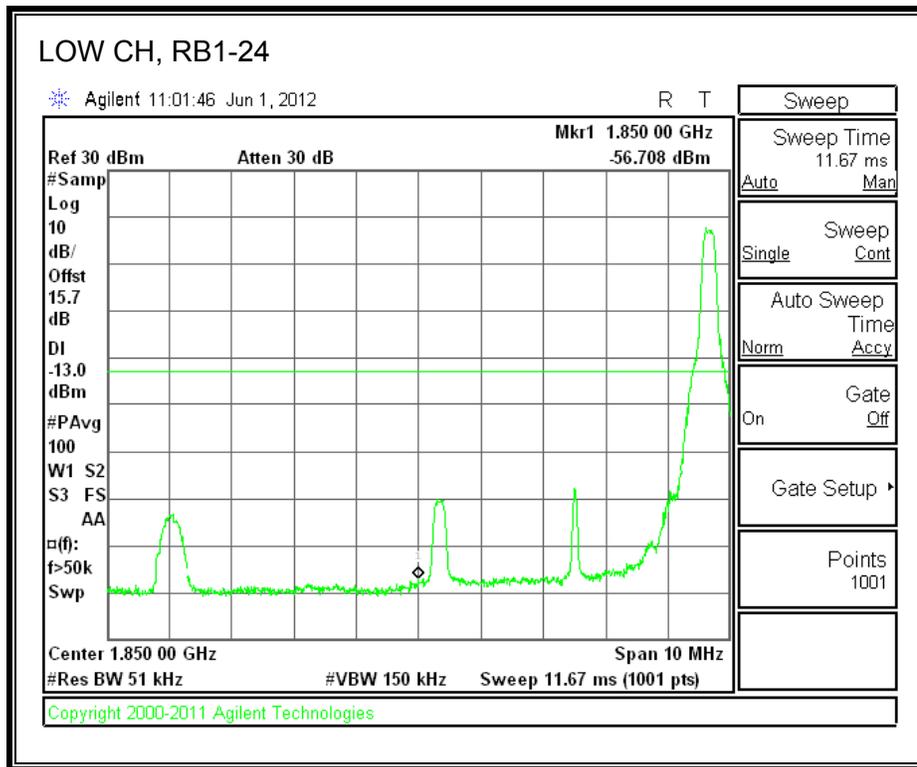


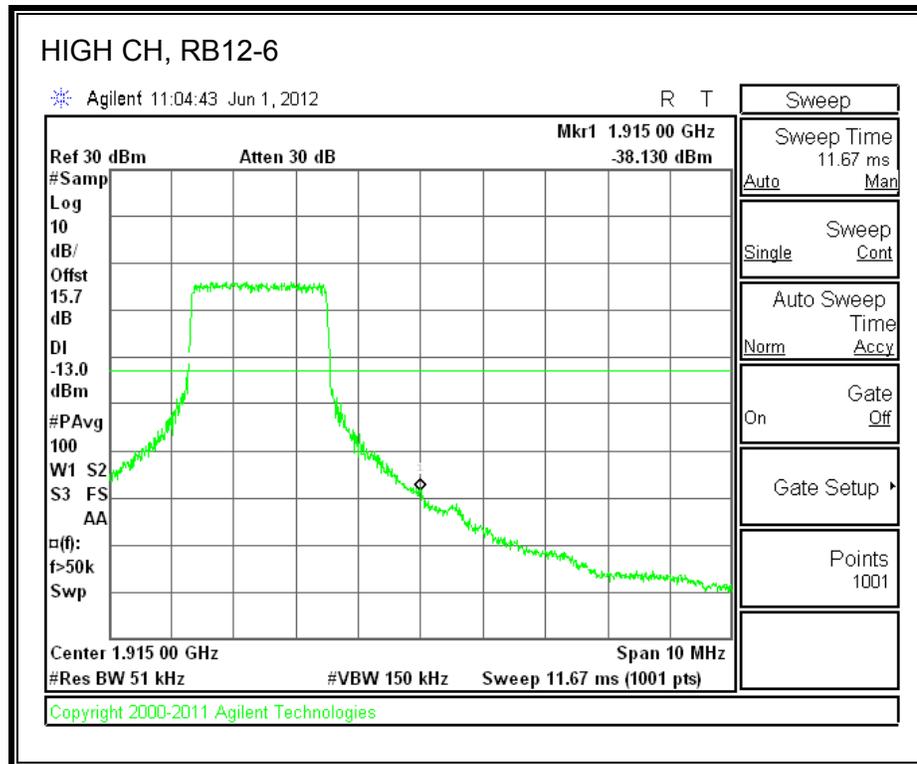
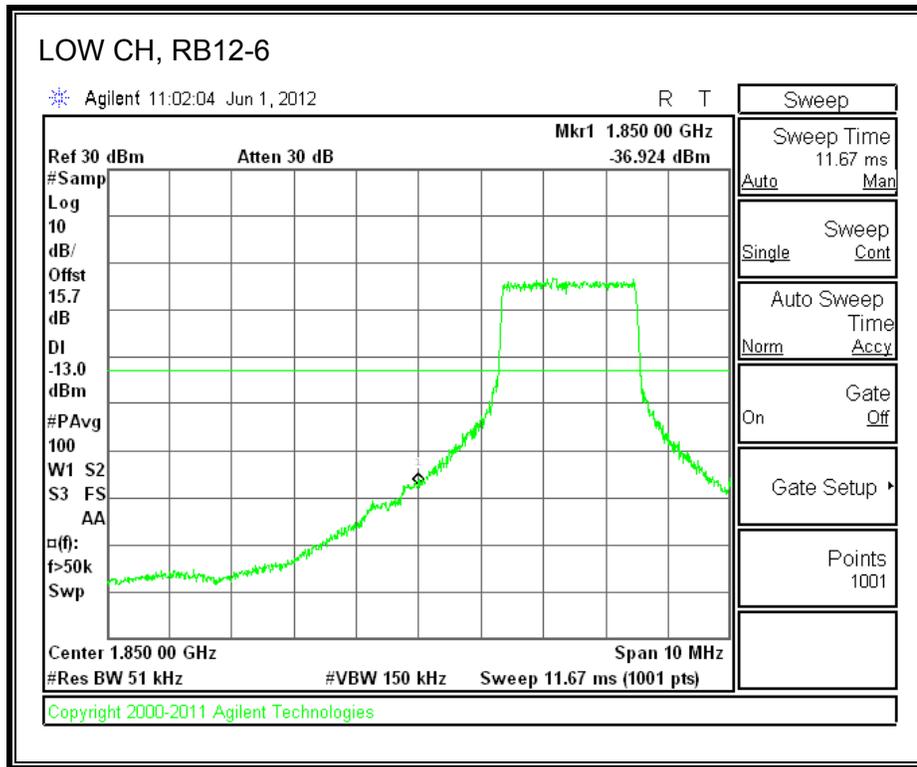


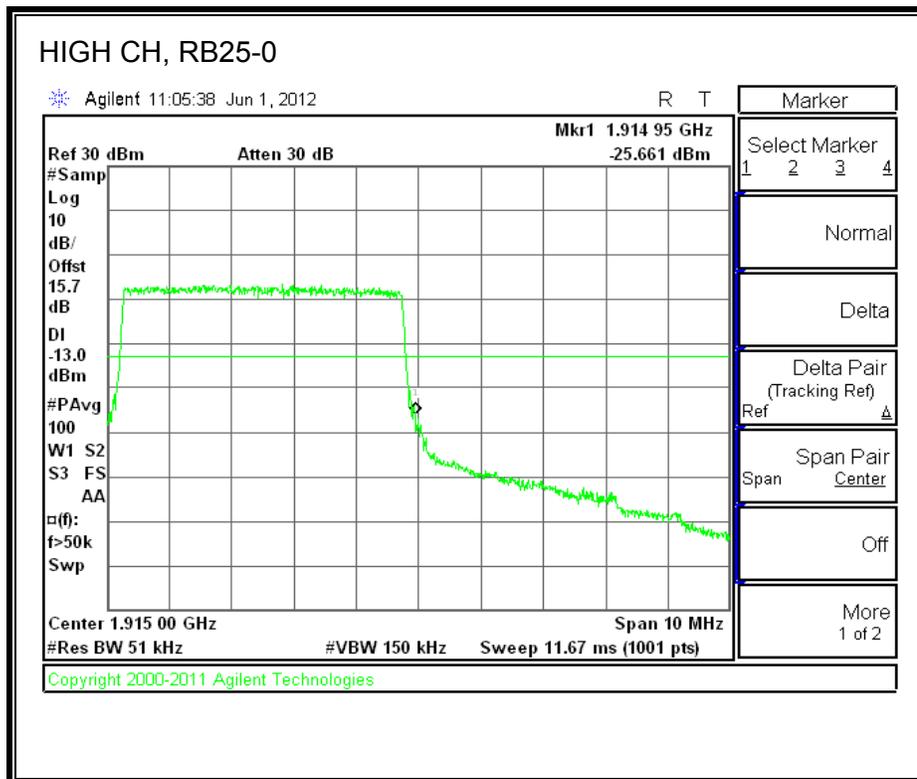
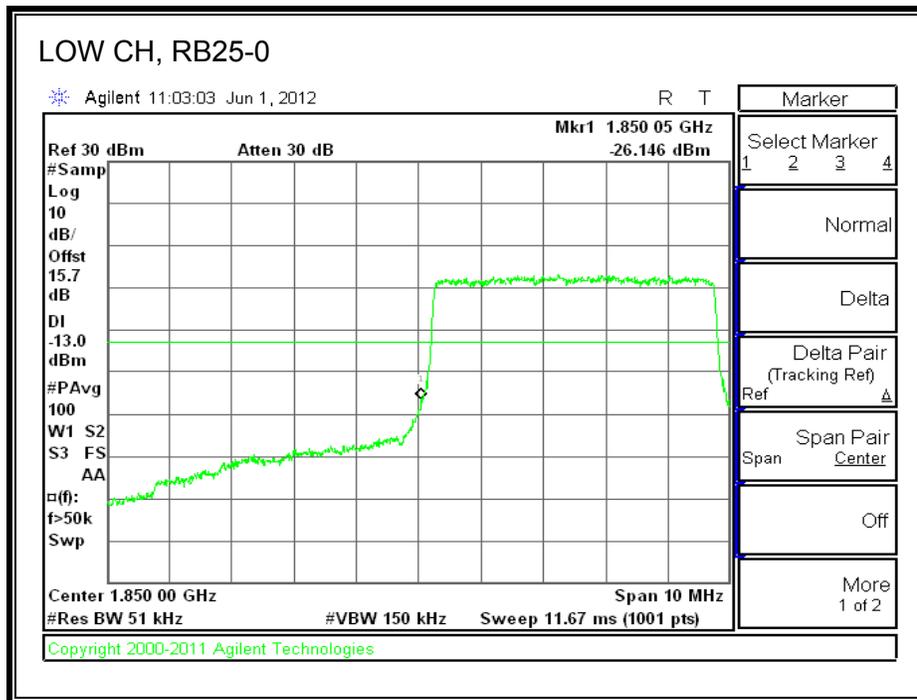


LTE QPSK Band 25 (5.0 MHz BAND WIDTH)

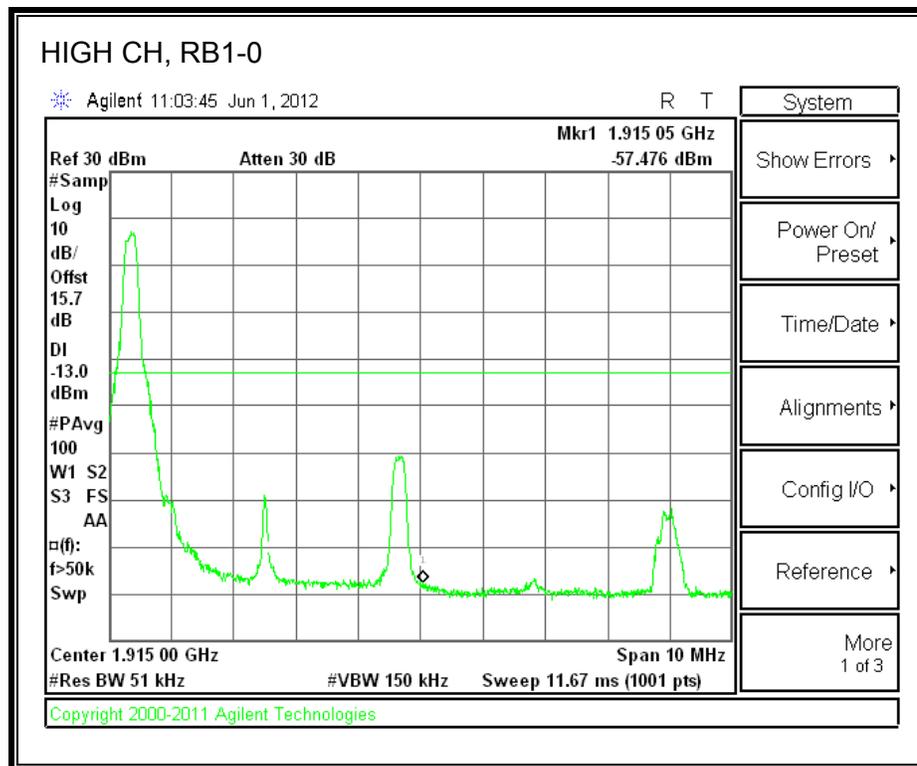
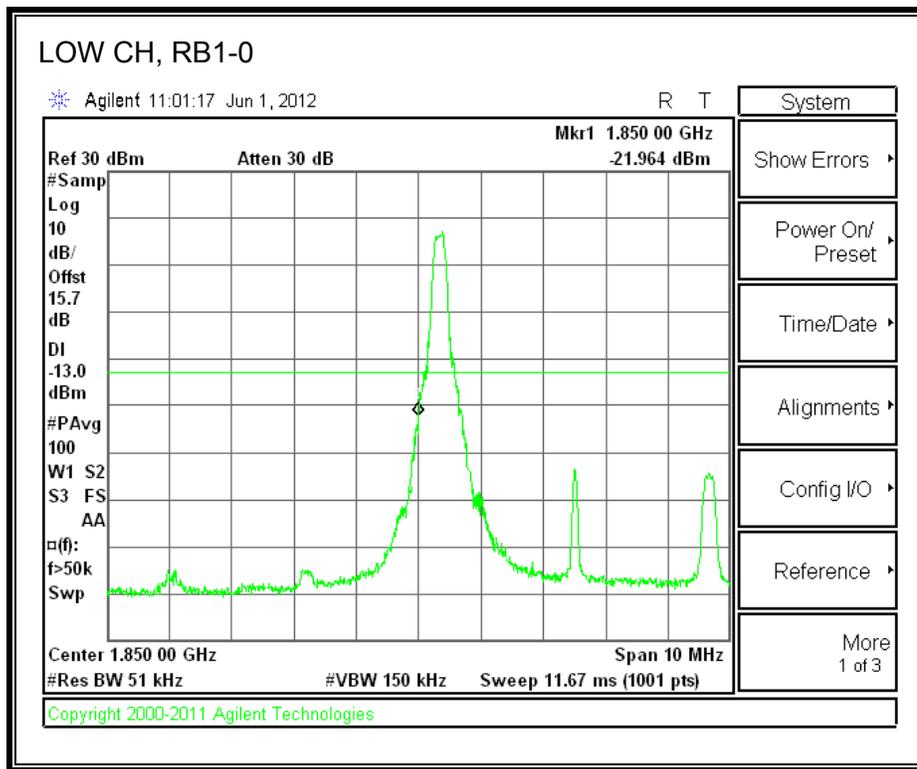


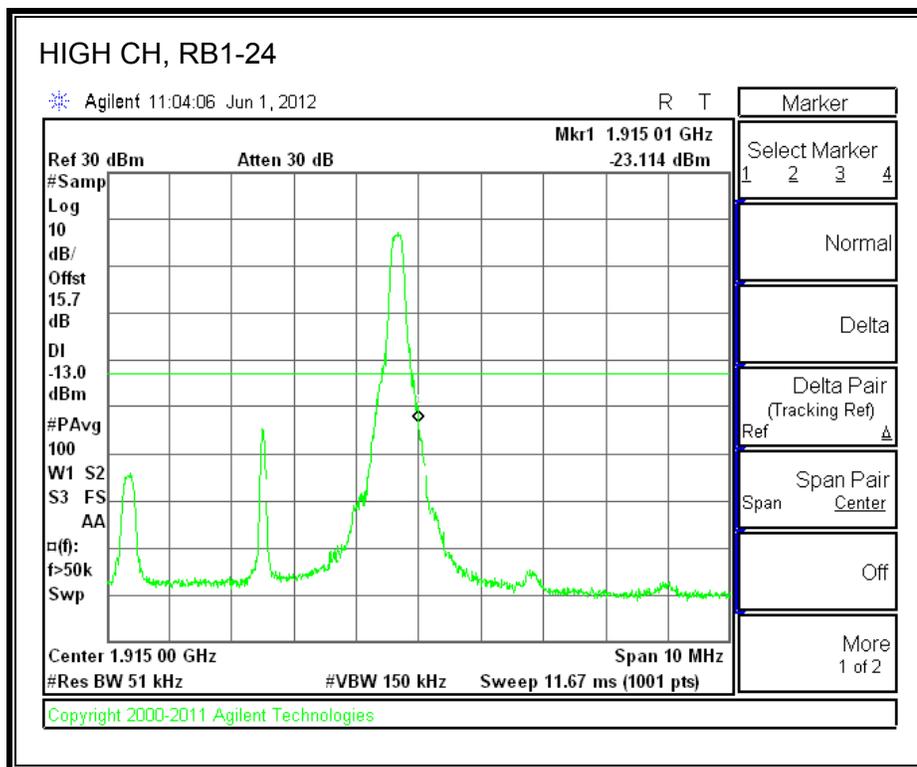
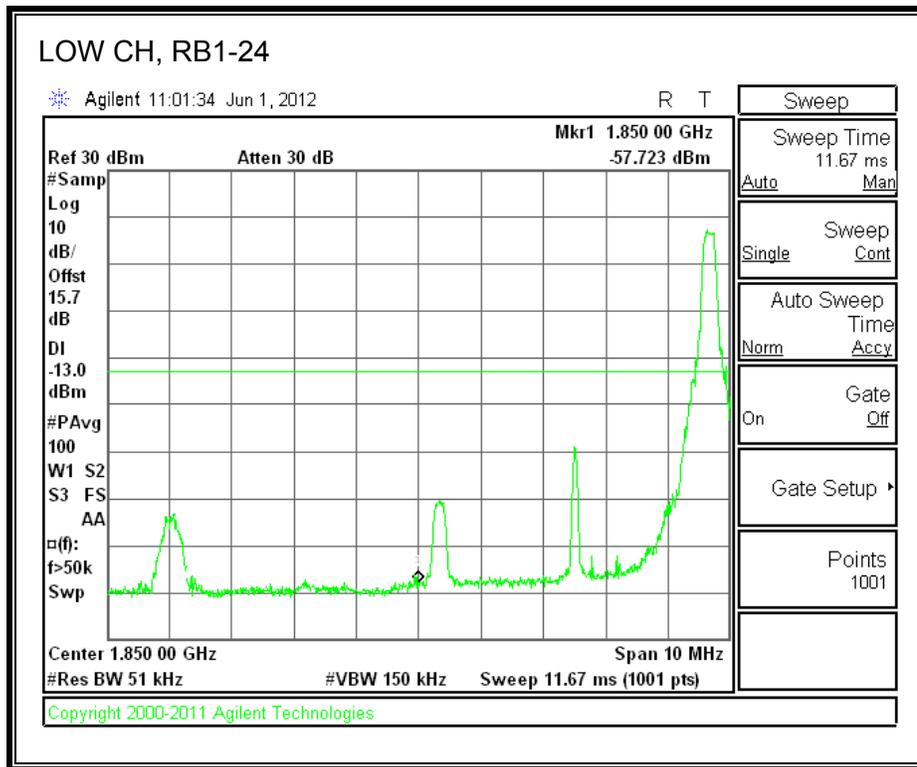


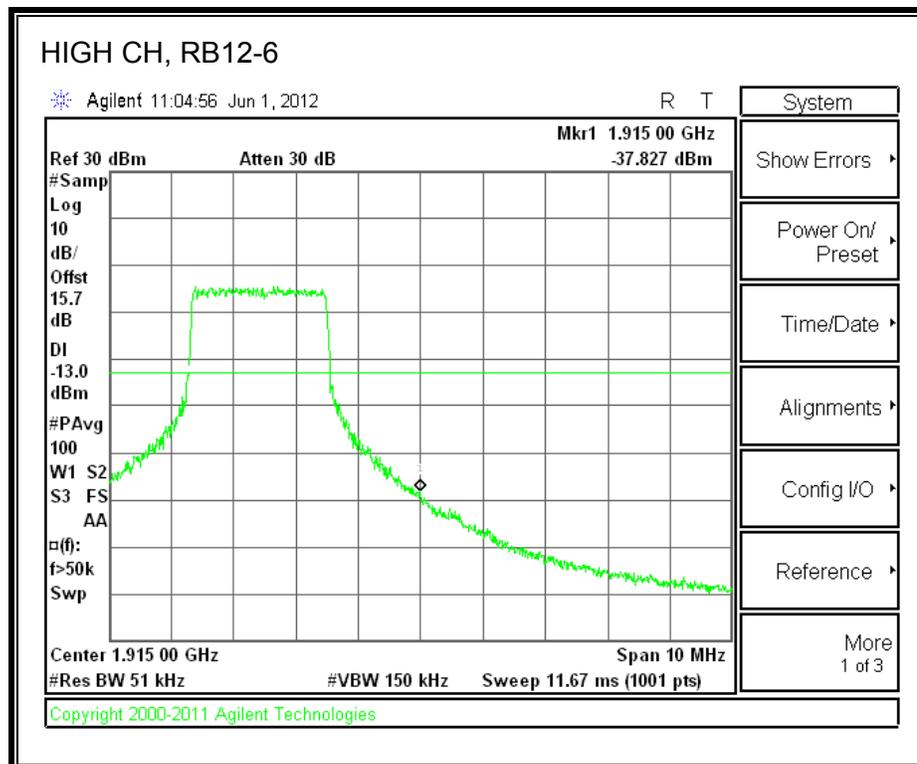
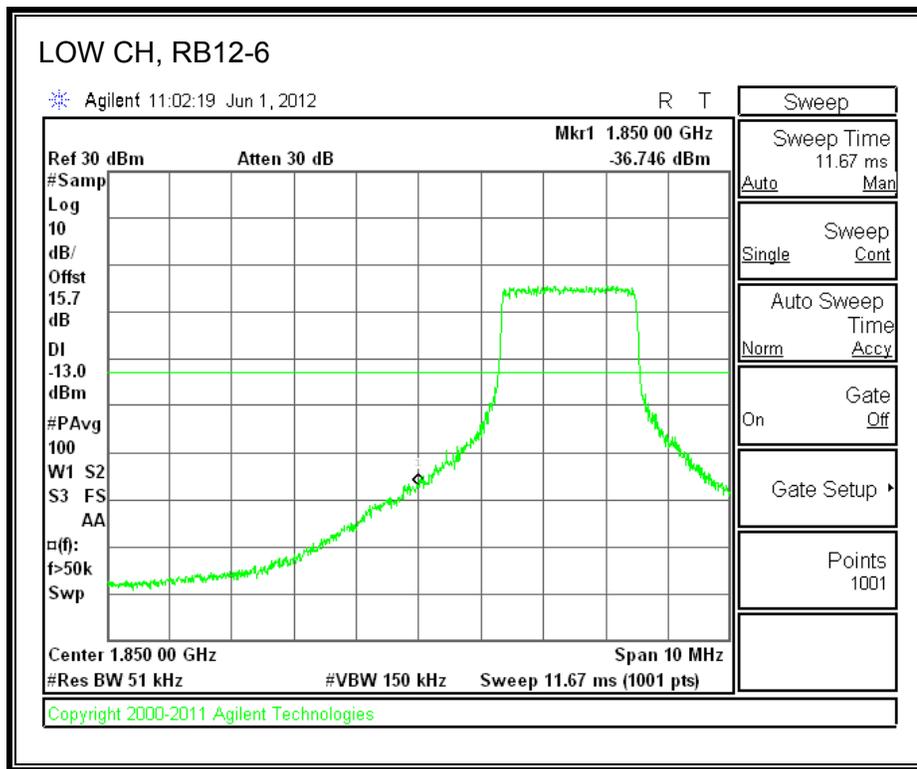


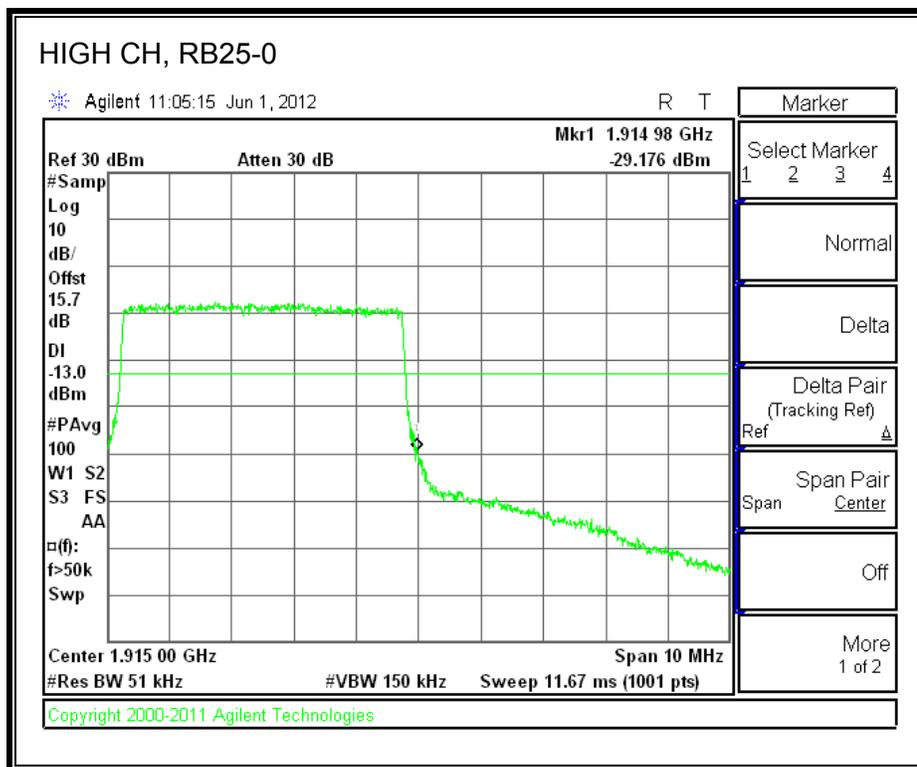
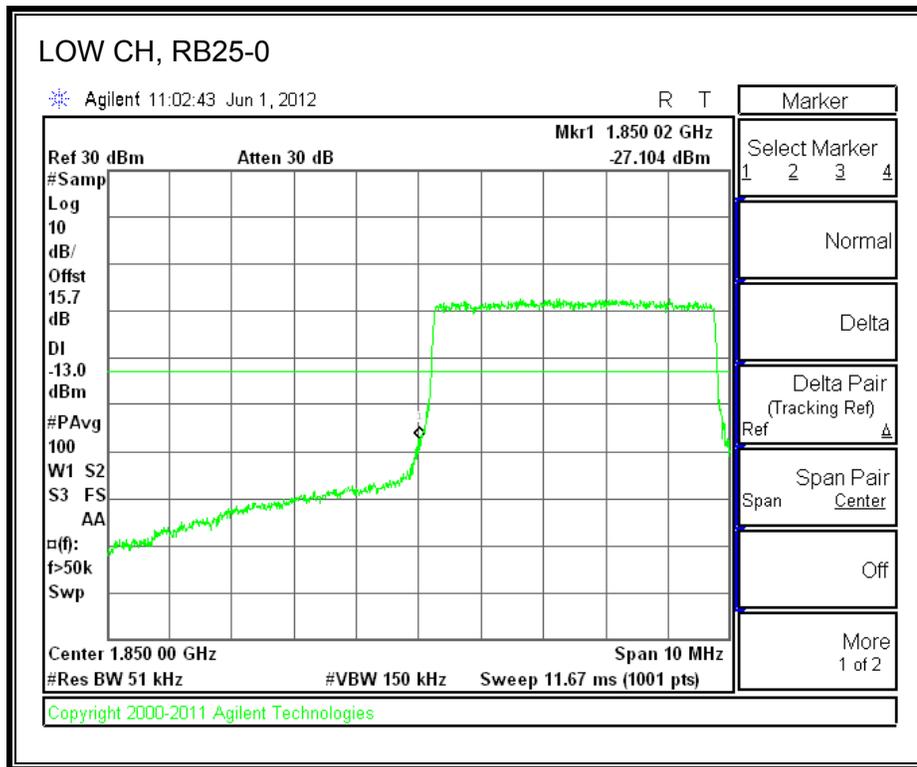


LTE 16QAM Band 25 (5.0 MHz BAND WIDTH)

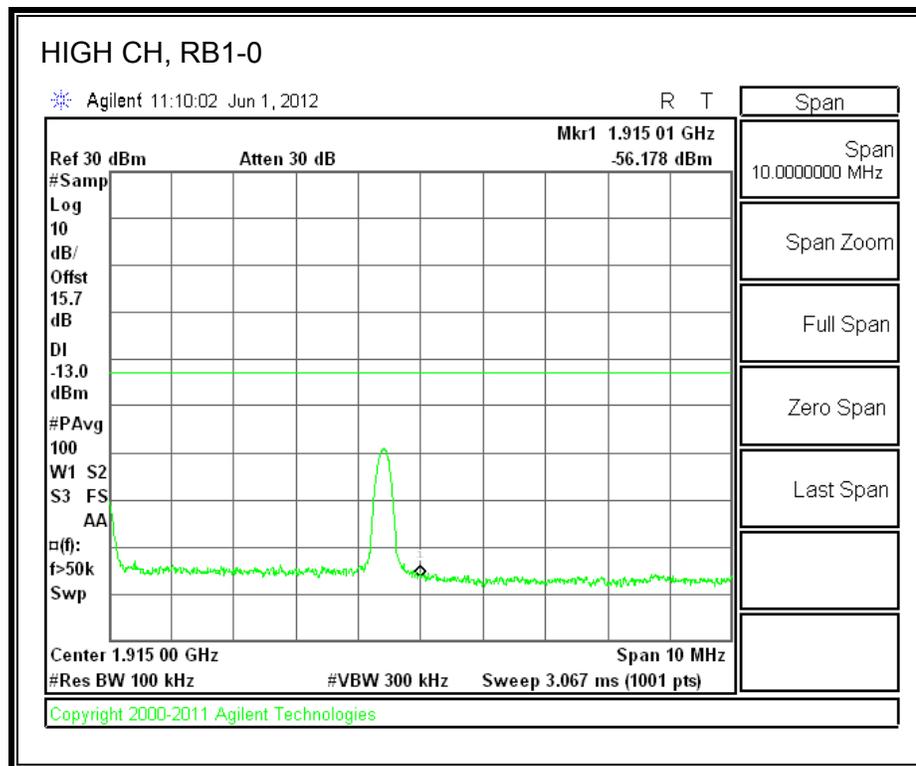
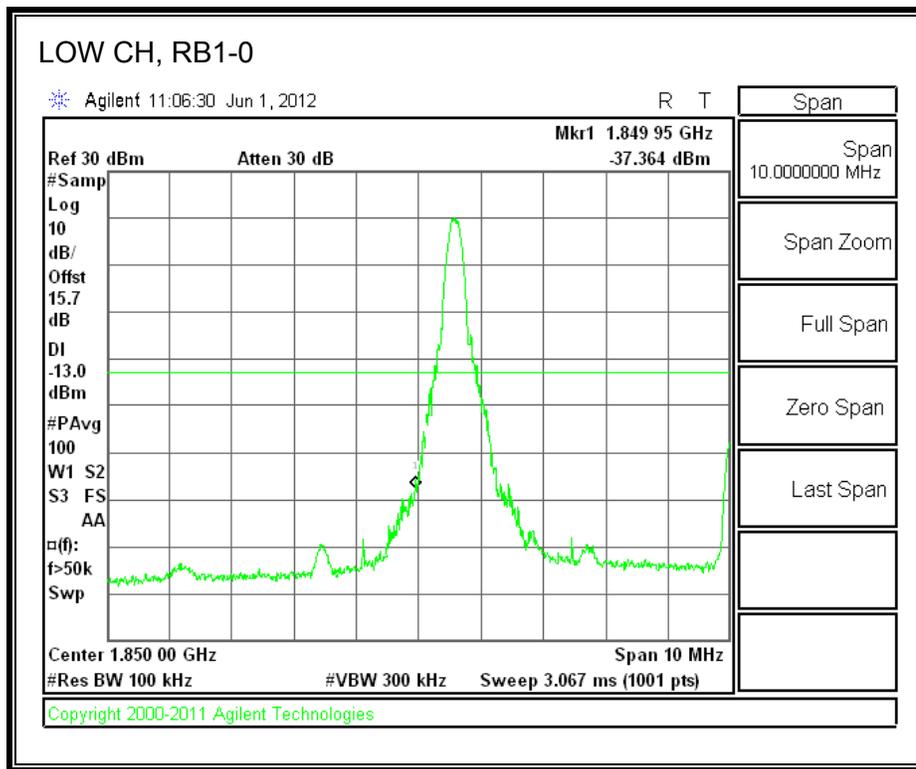


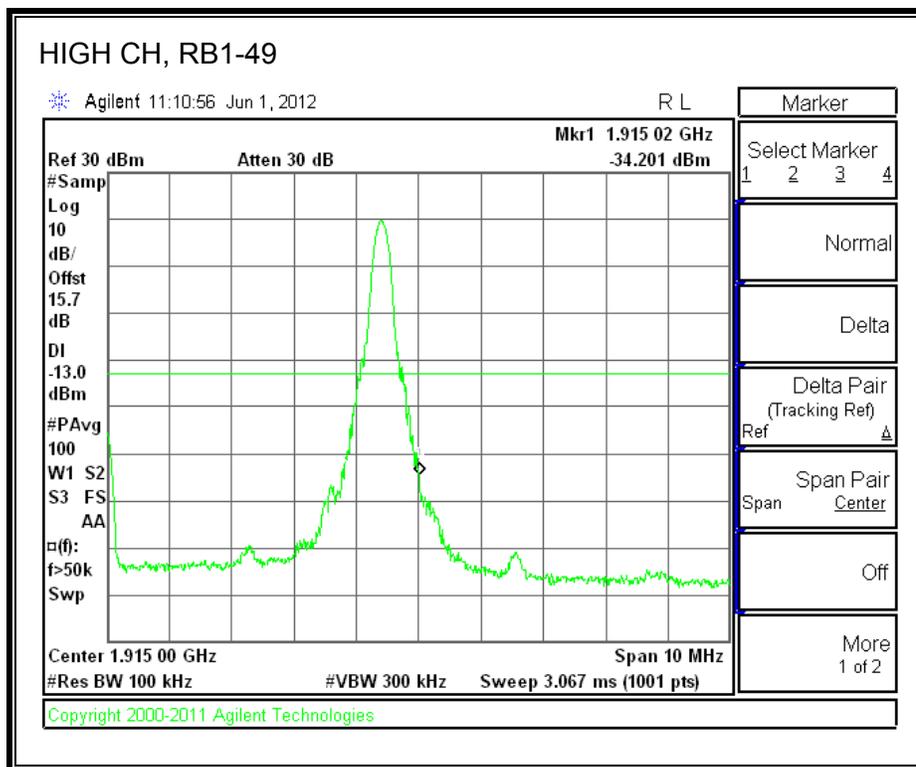
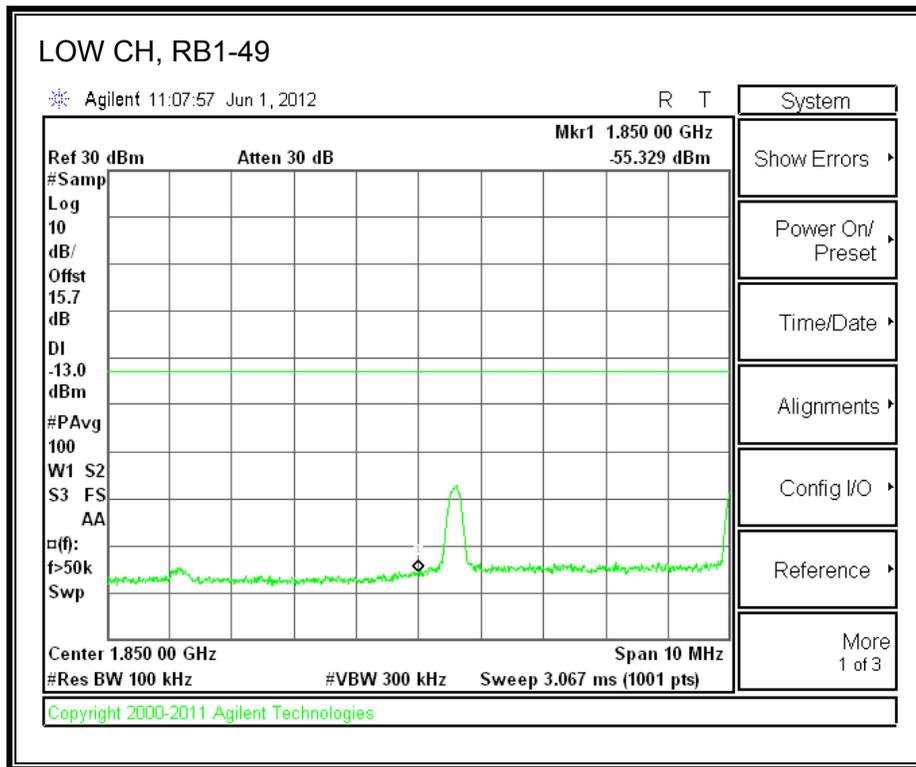


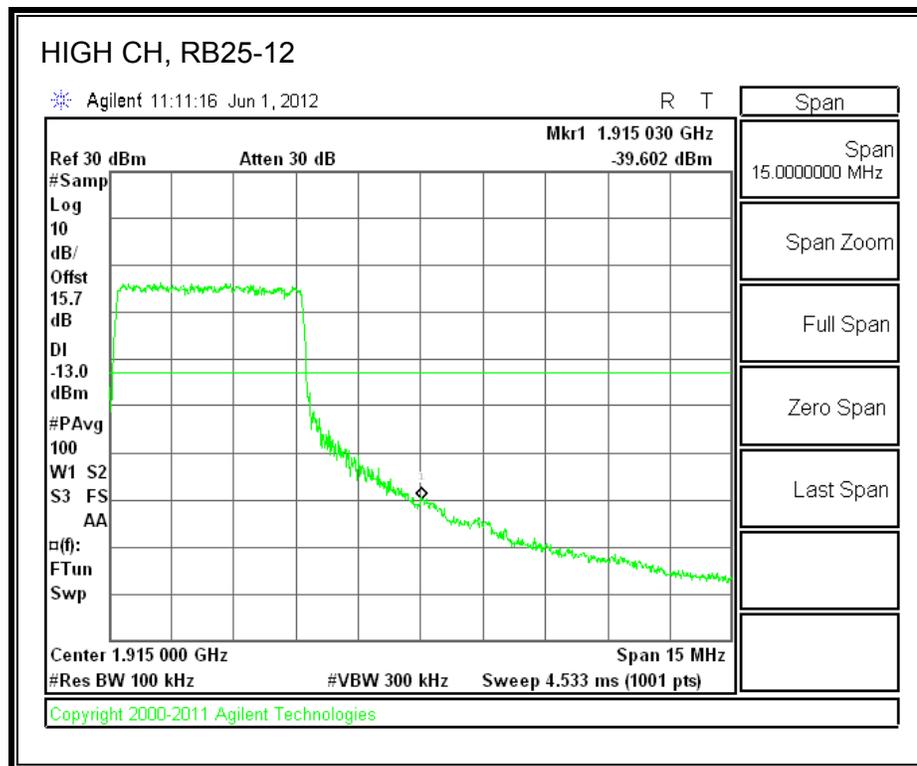
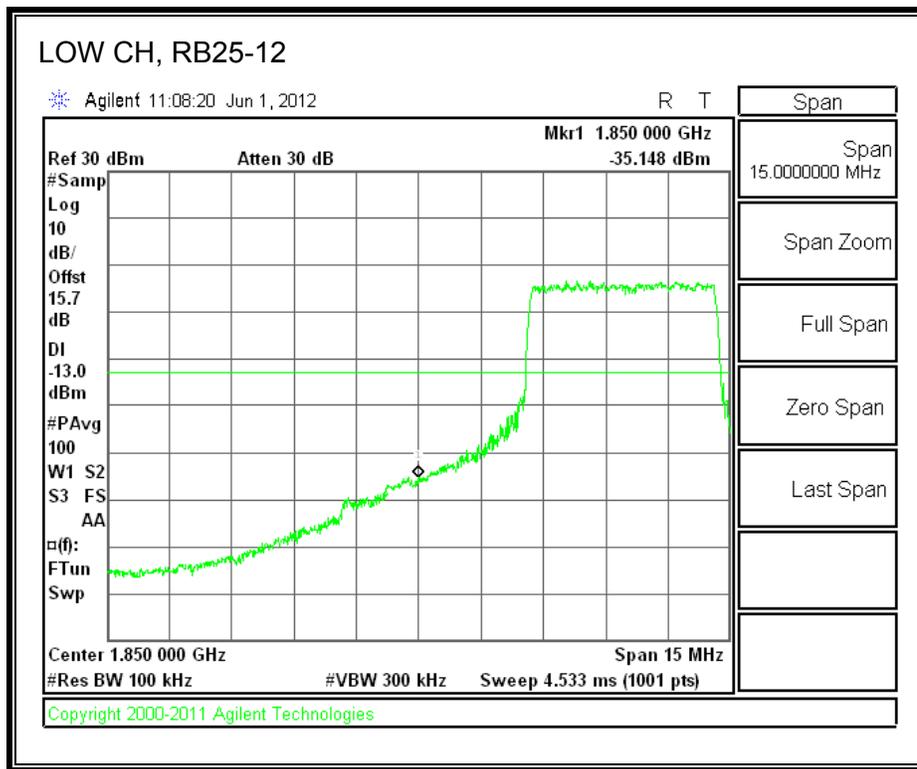


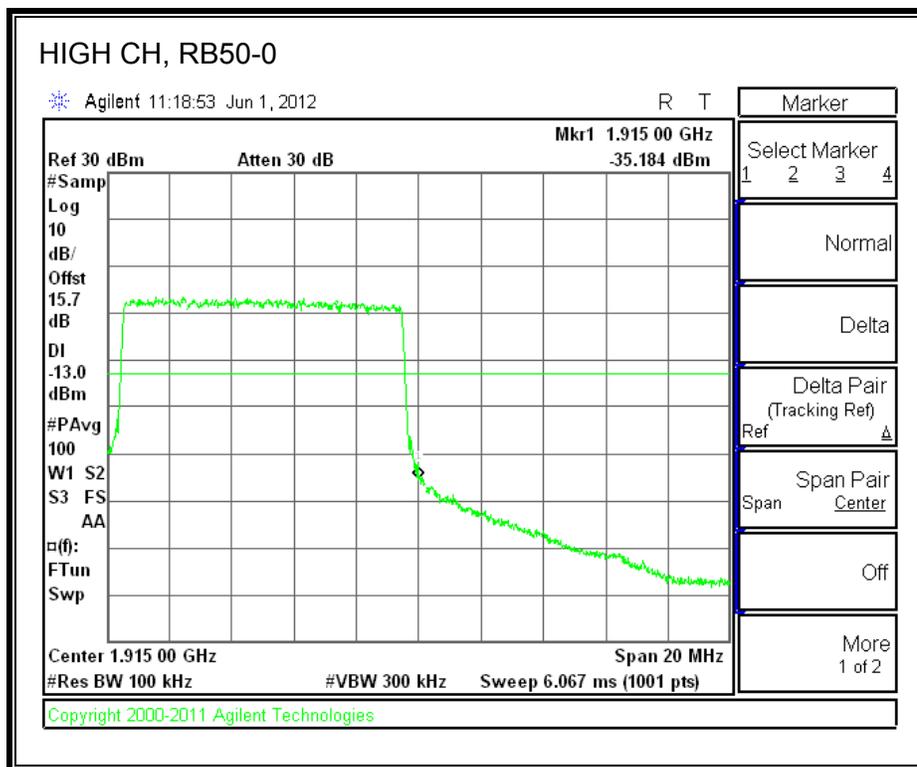
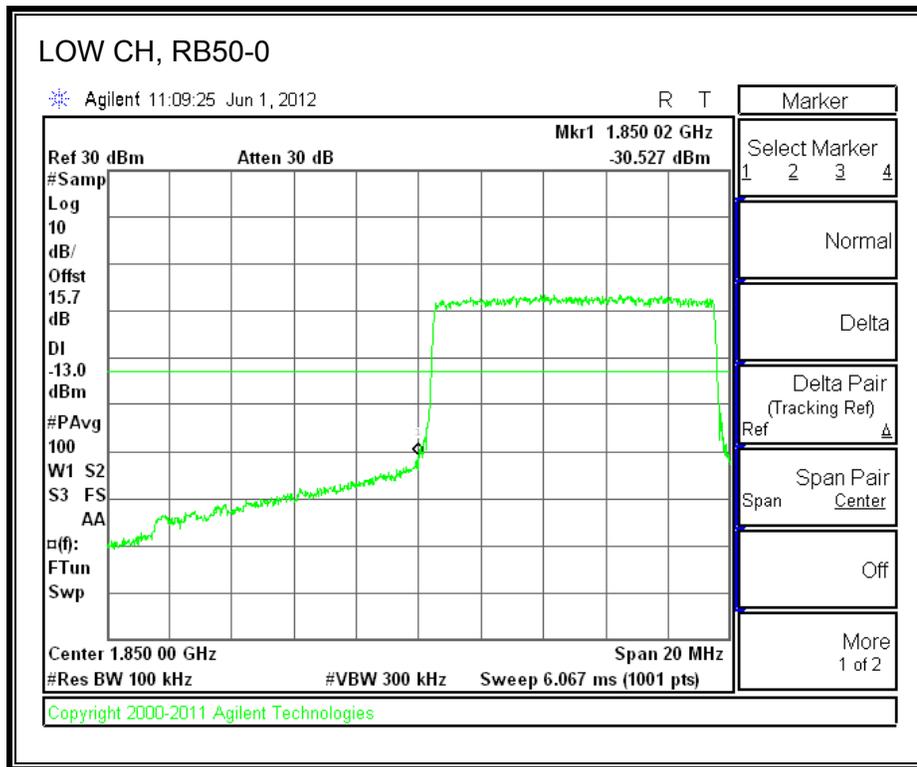


LTE QPSK Band 25 (10.0 MHz BAND WIDTH)

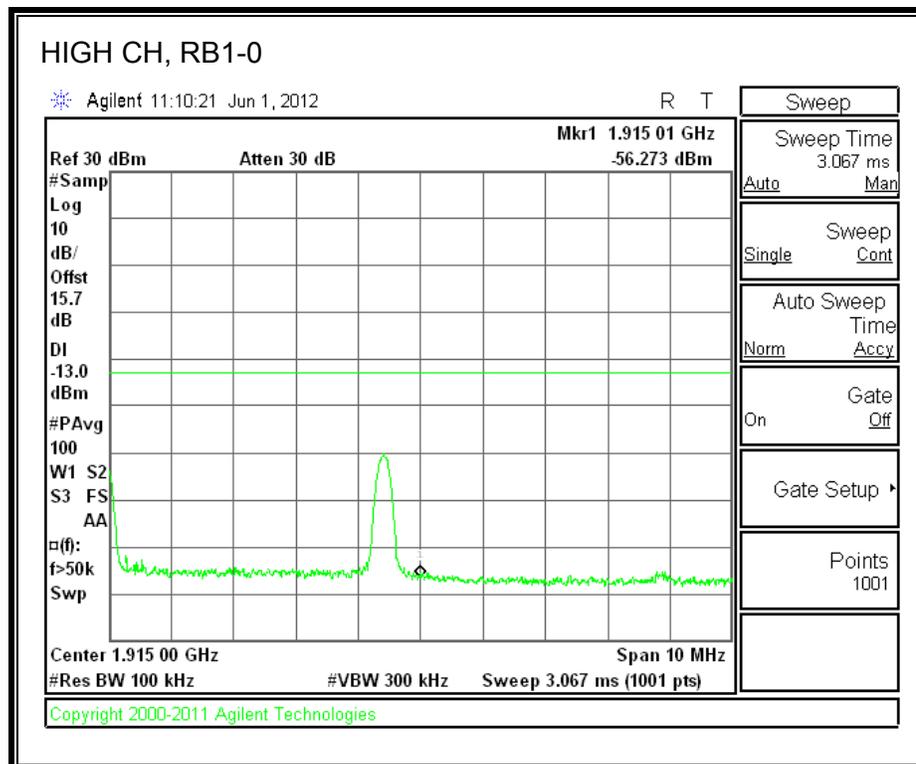
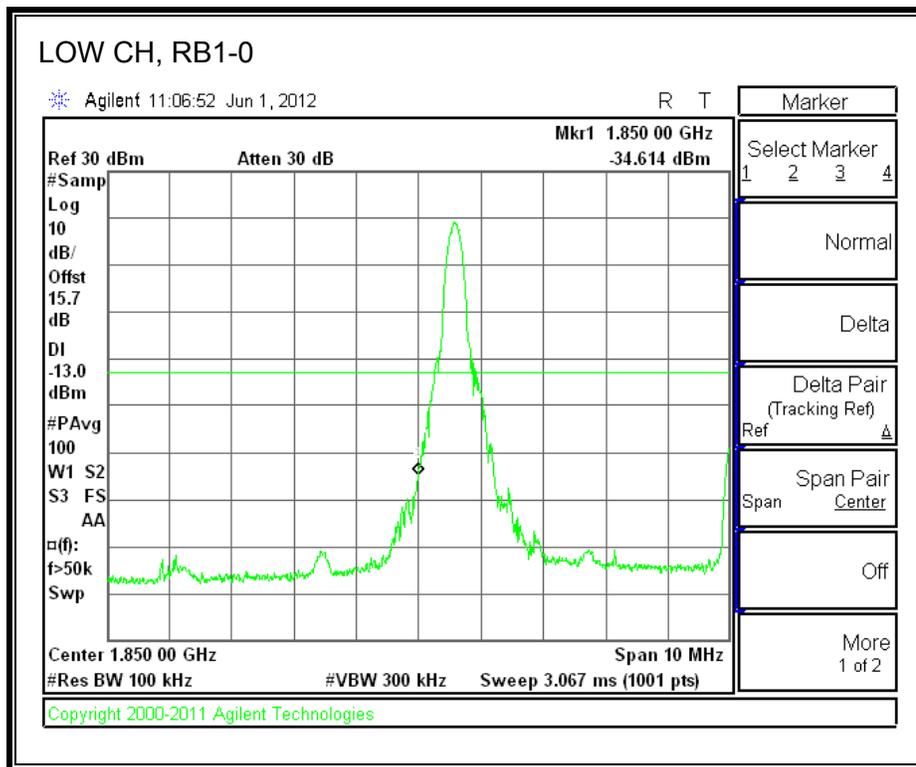


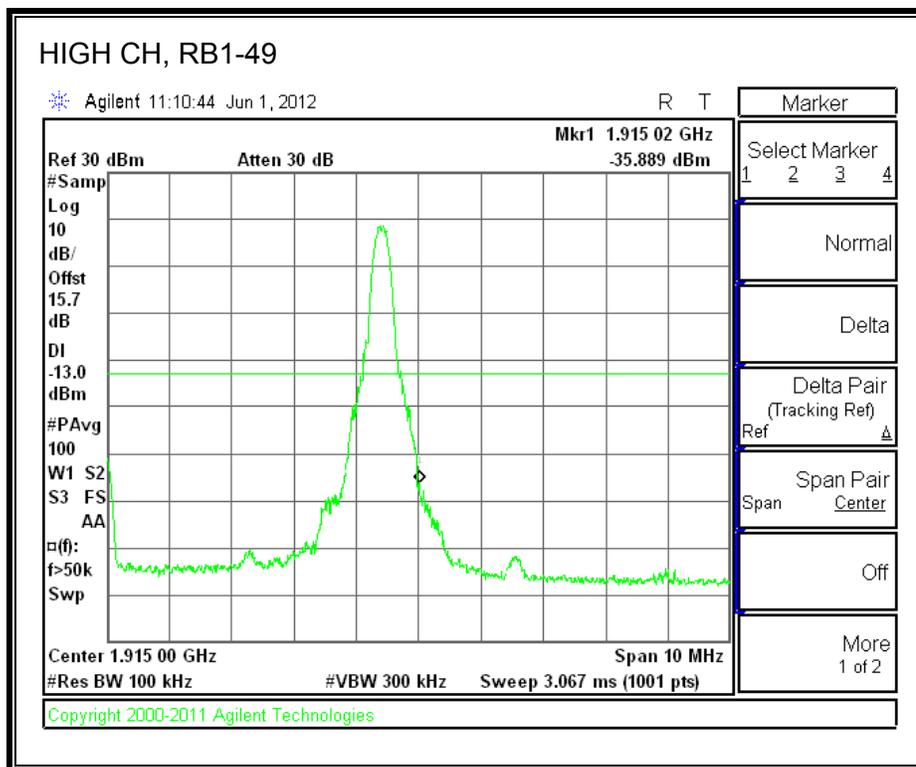
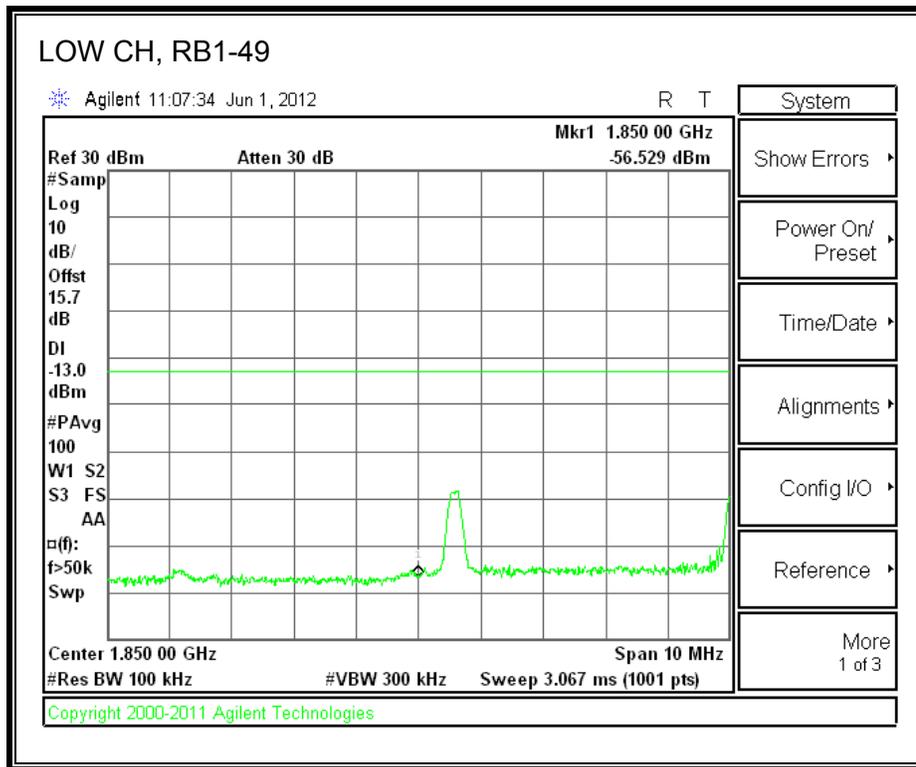


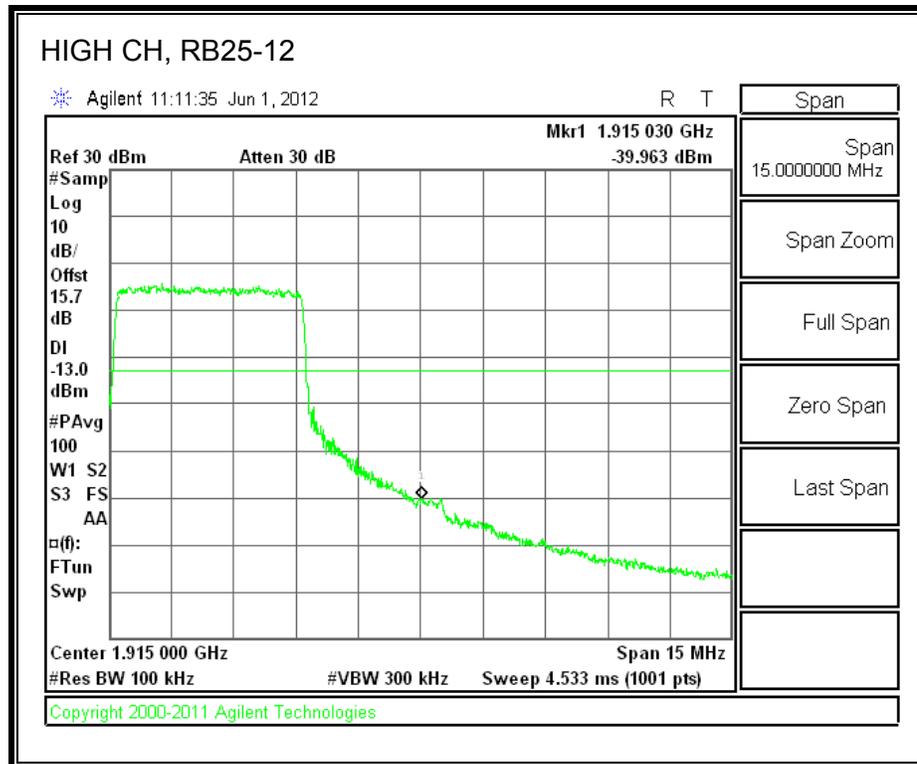
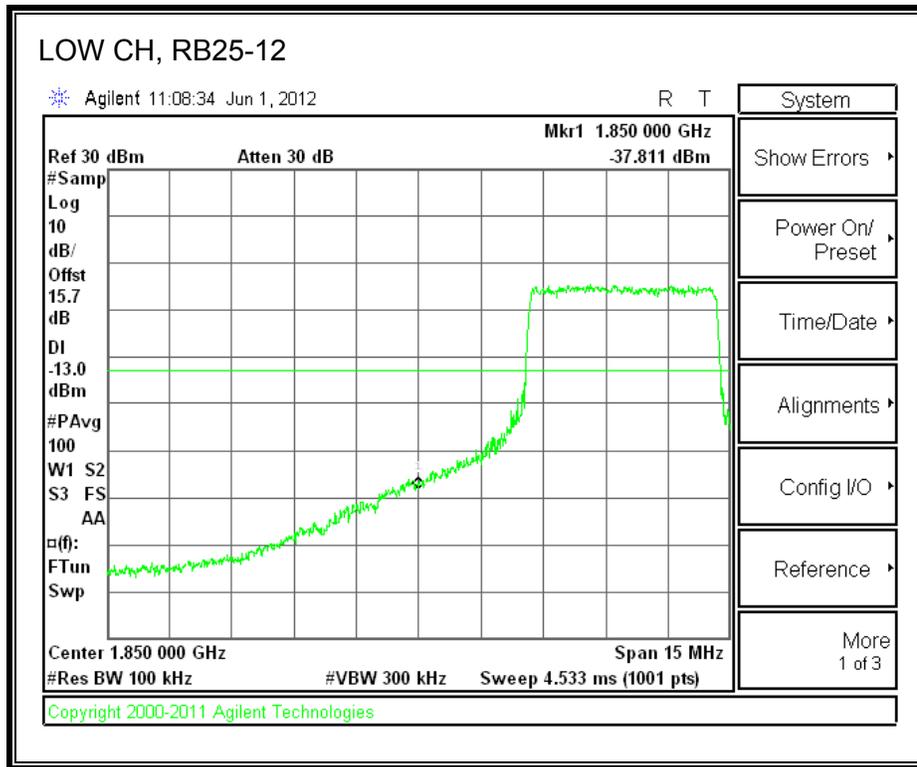


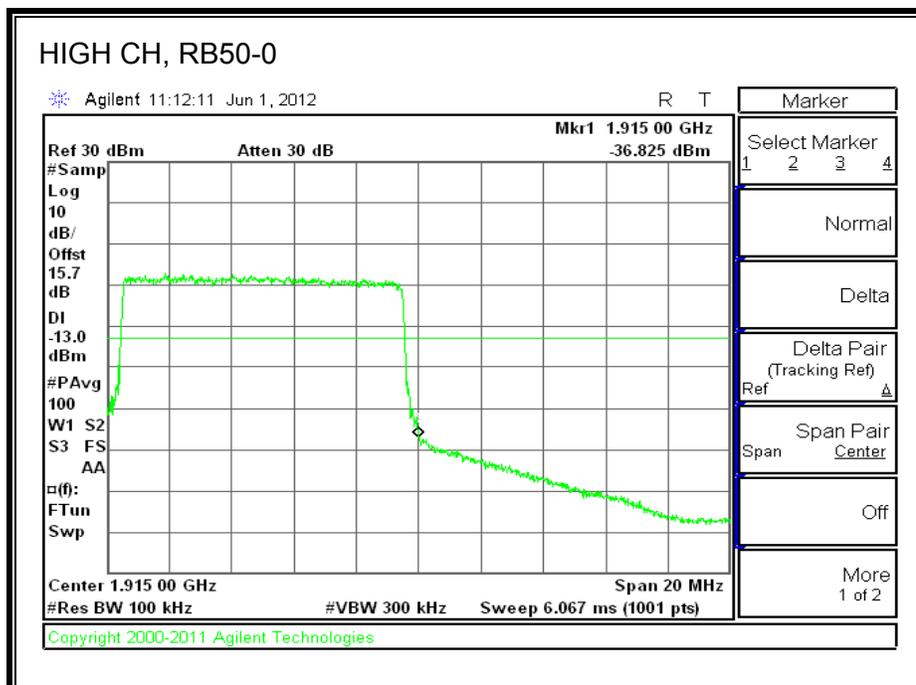
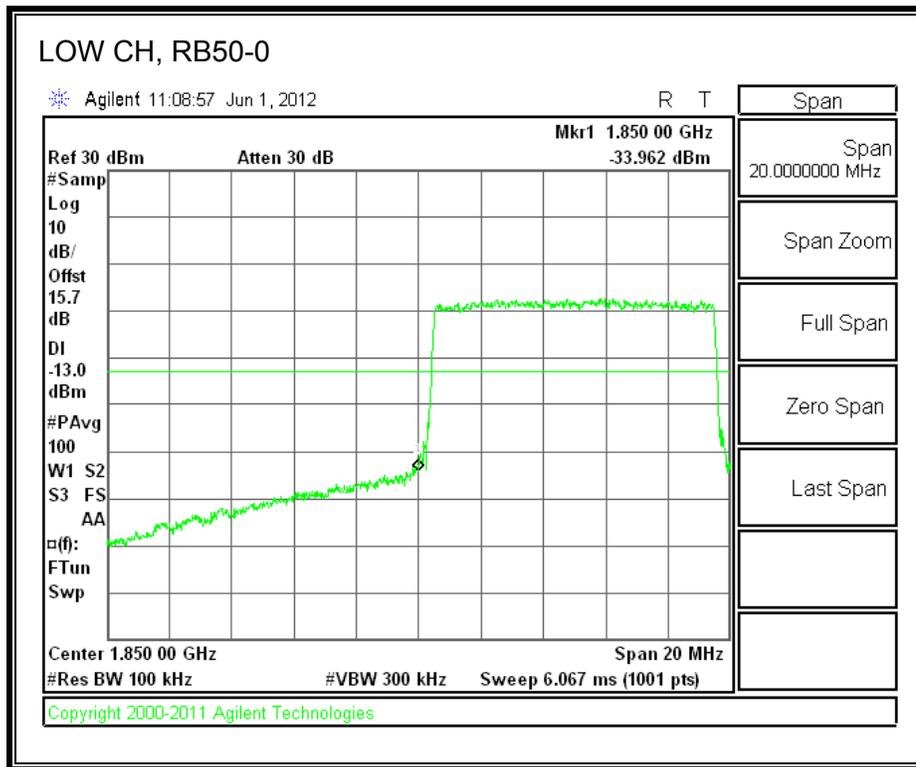


LTE 16QAM Band 25 (10.0 MHz BAND WIDTH)

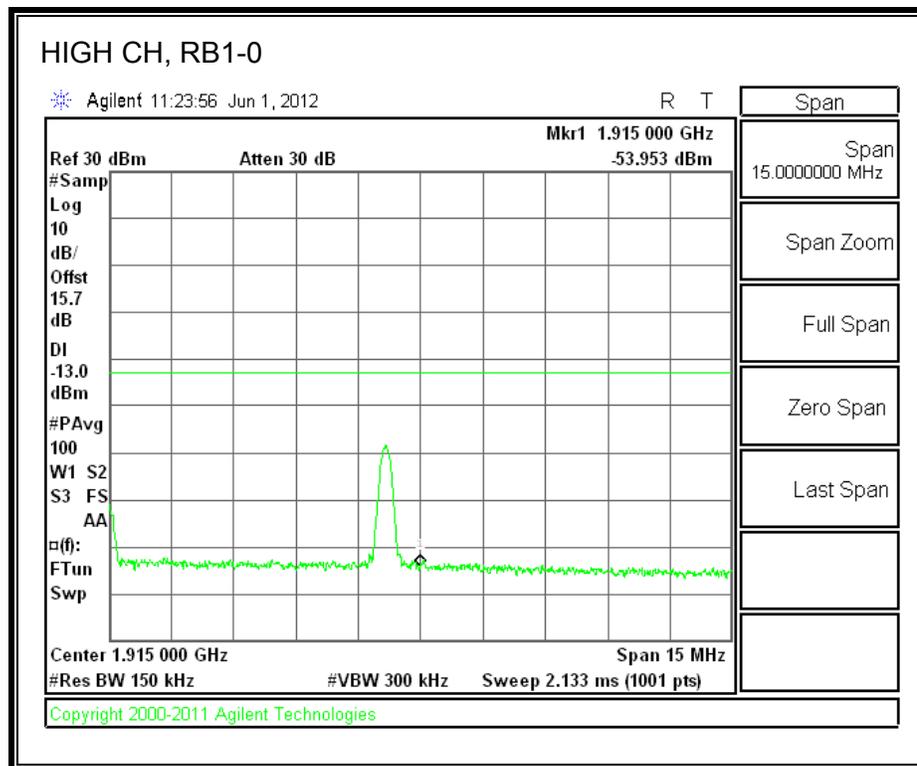
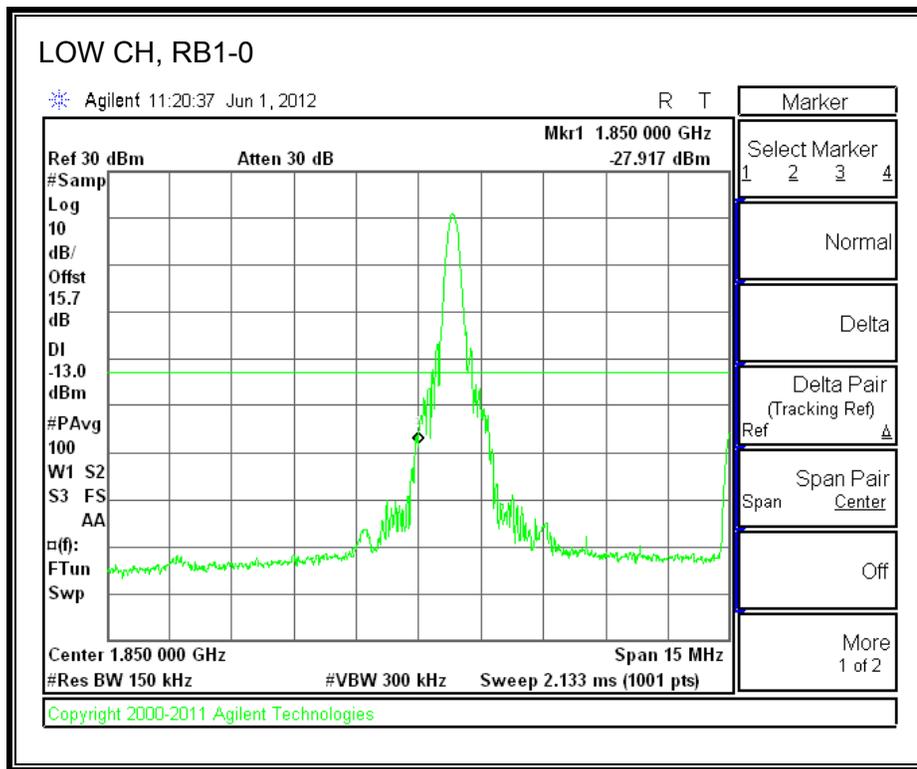


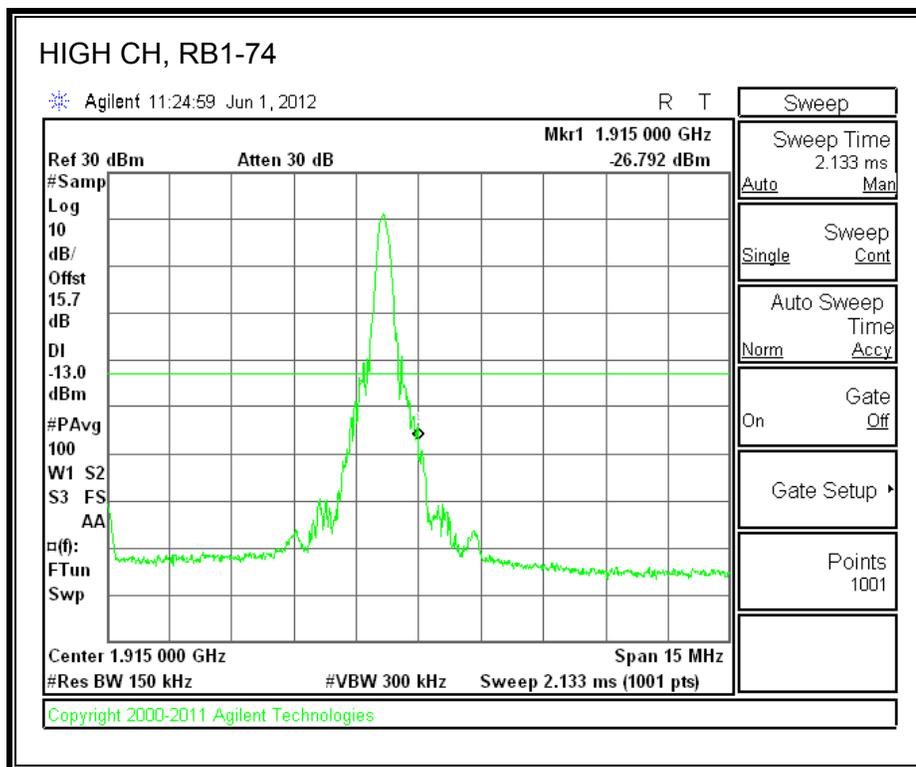
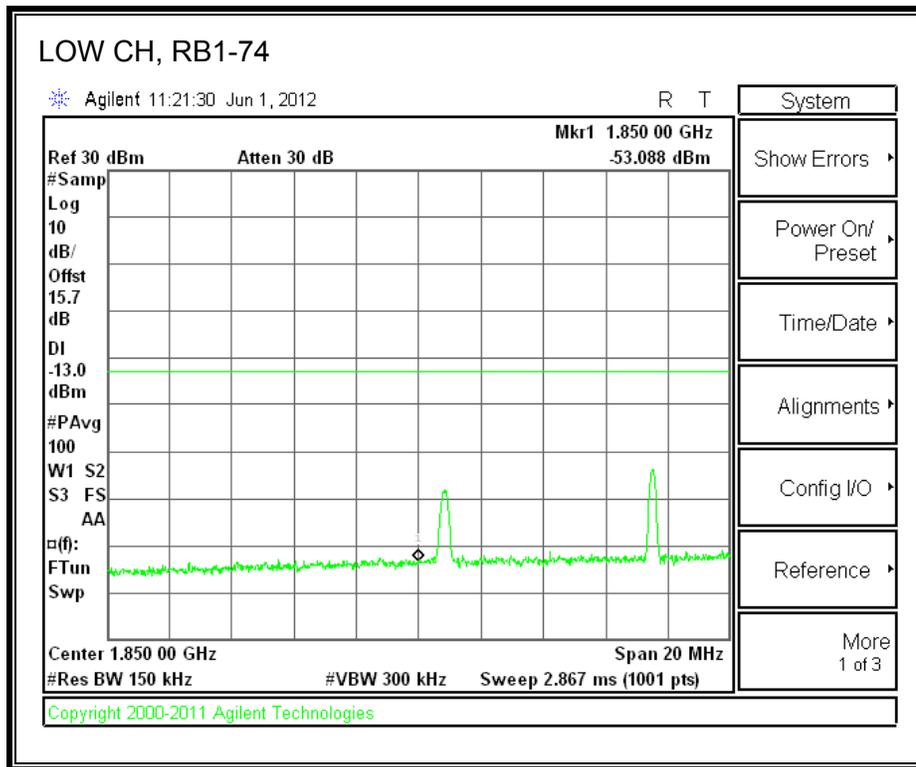


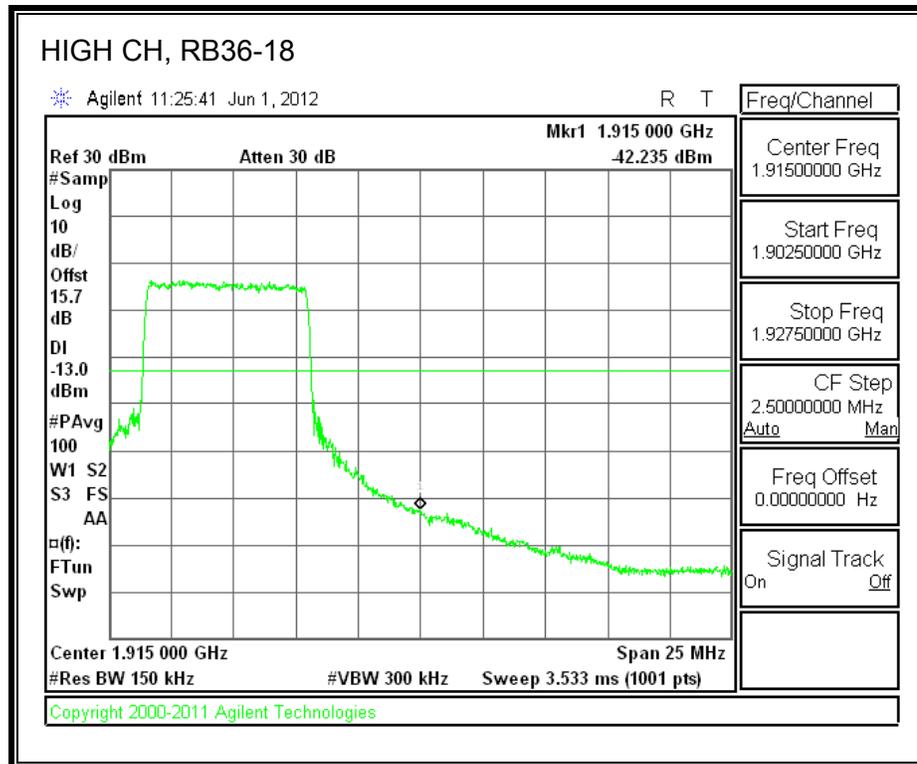
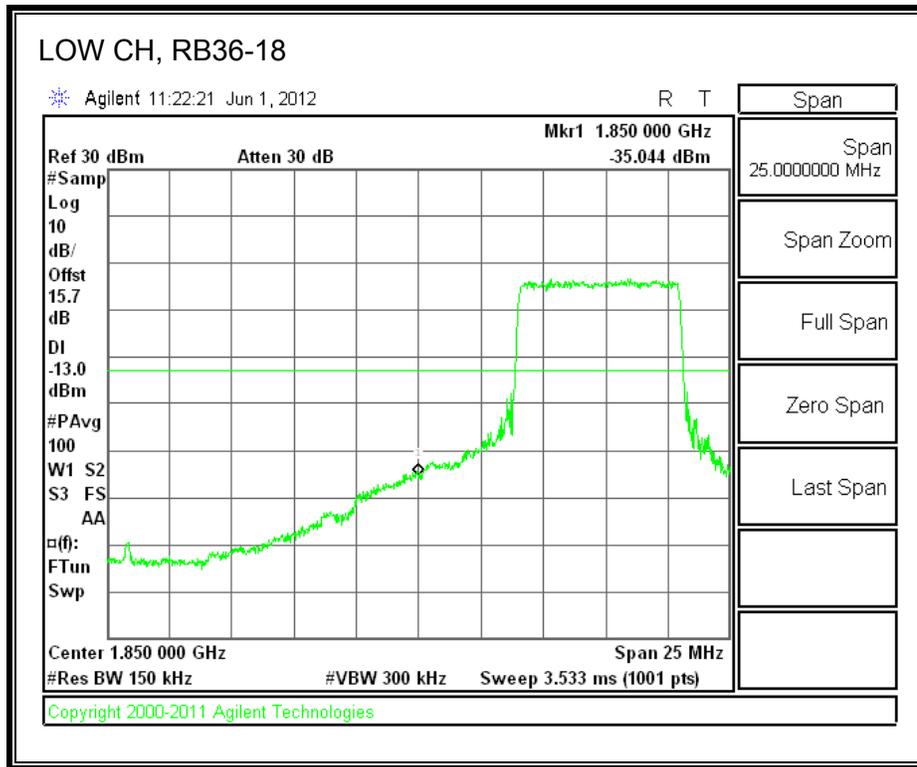


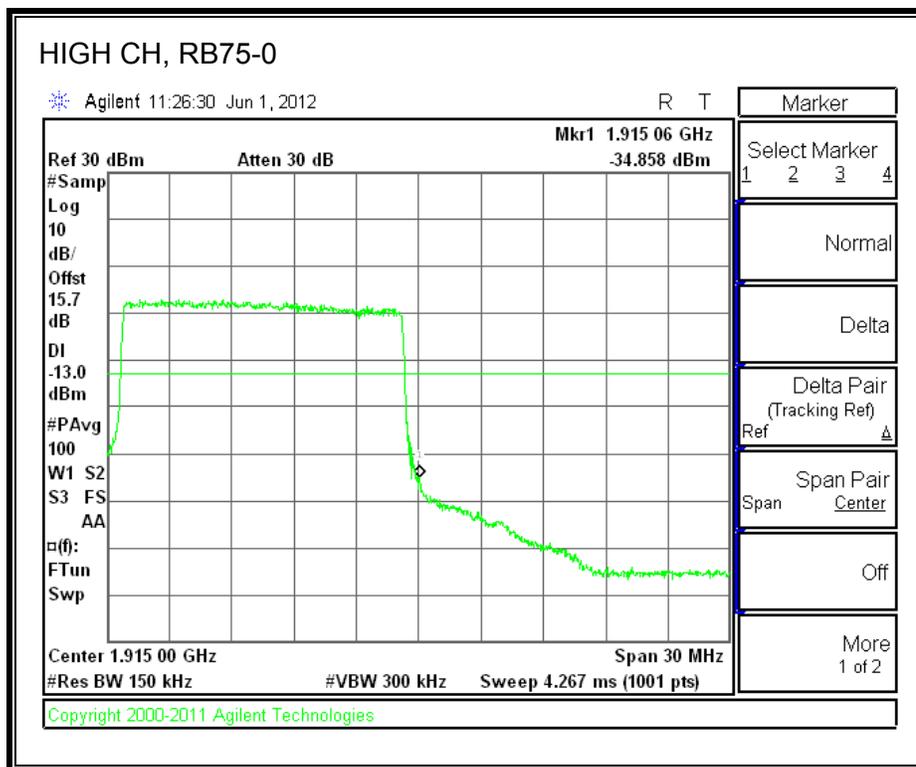
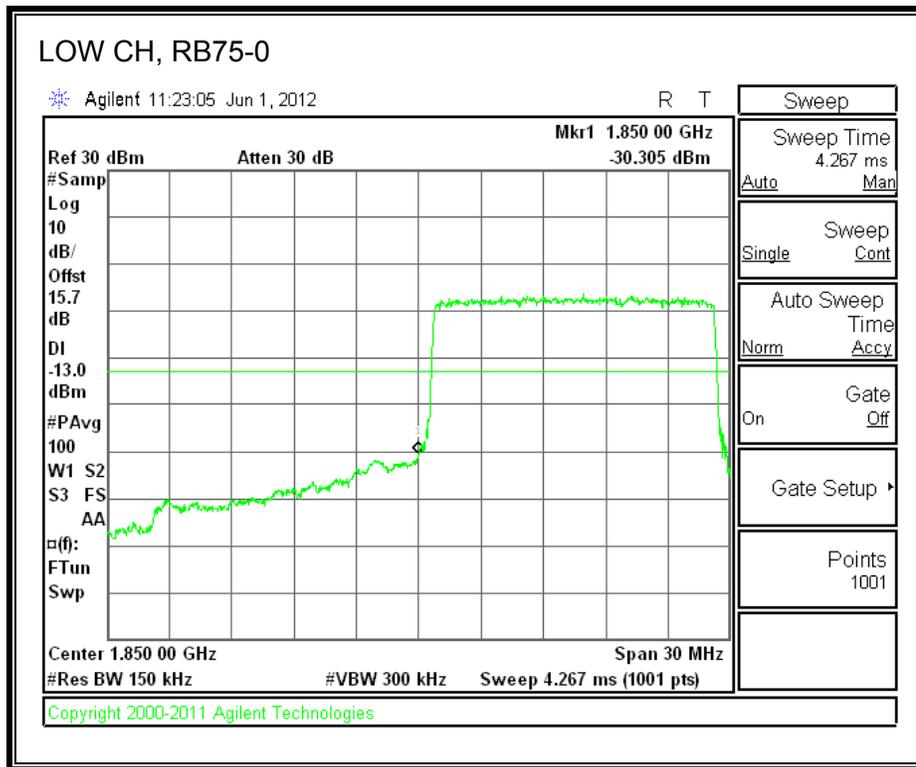


LTE QPSK Band 25 (15.0 MHz BAND WIDTH)

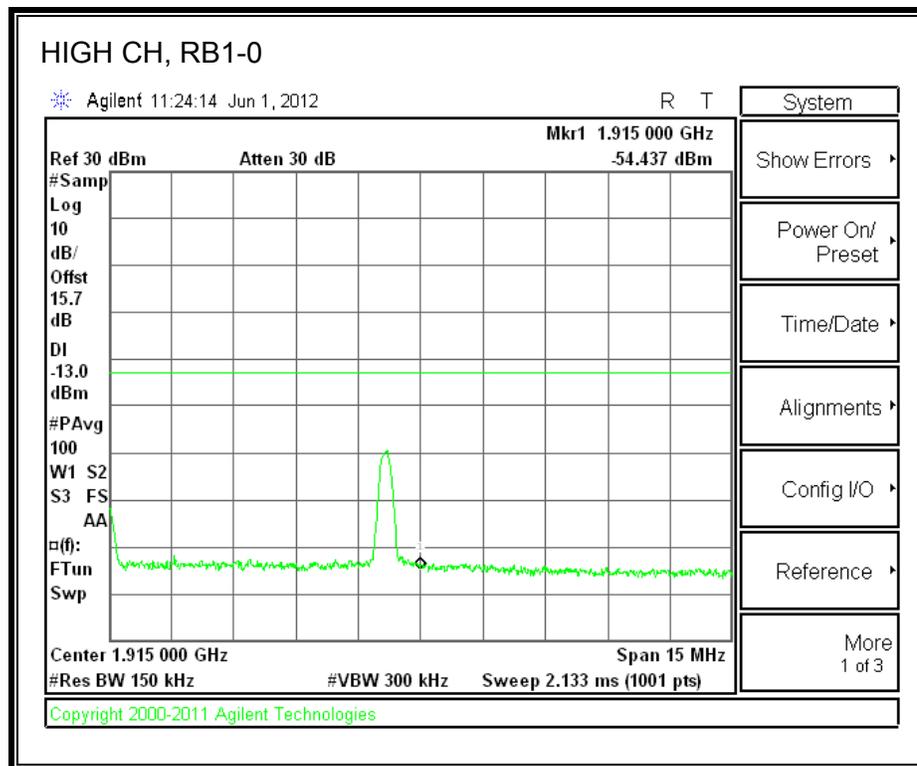
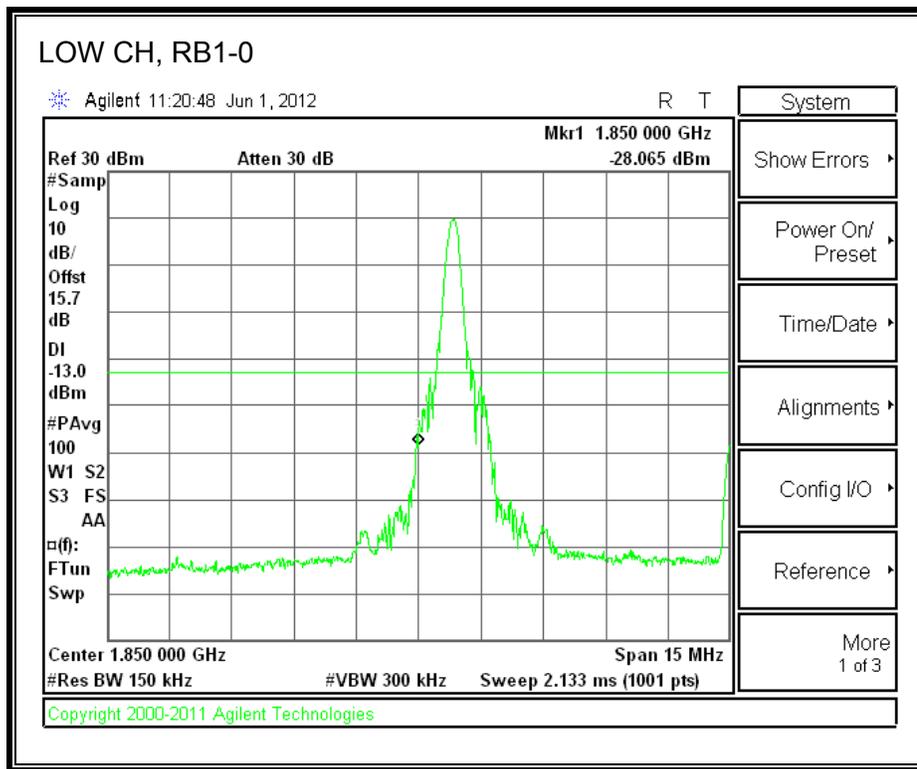


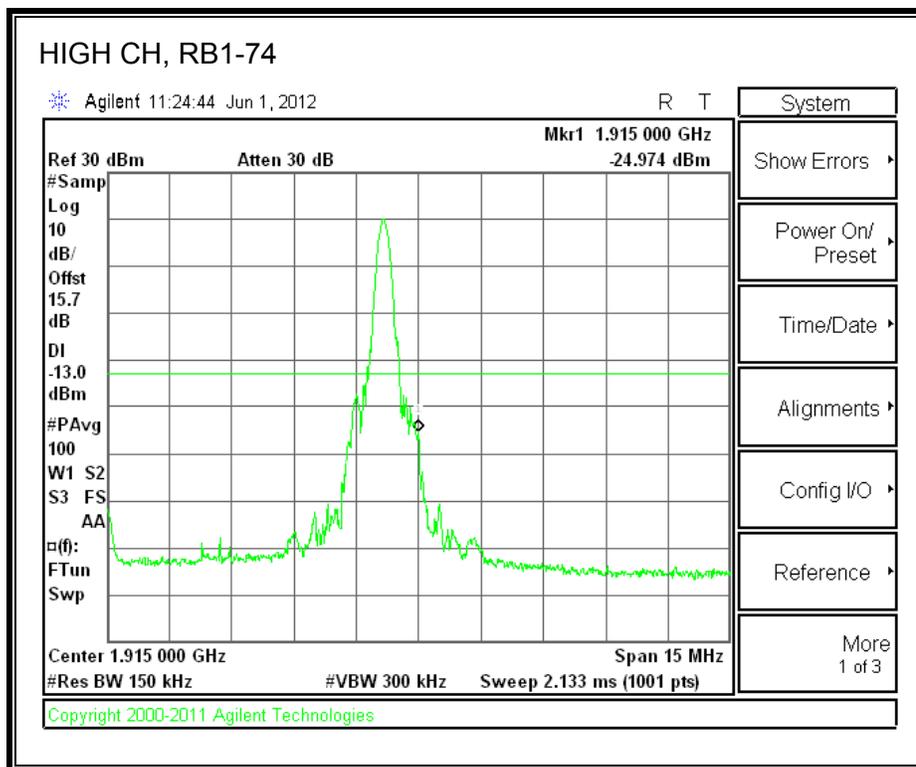
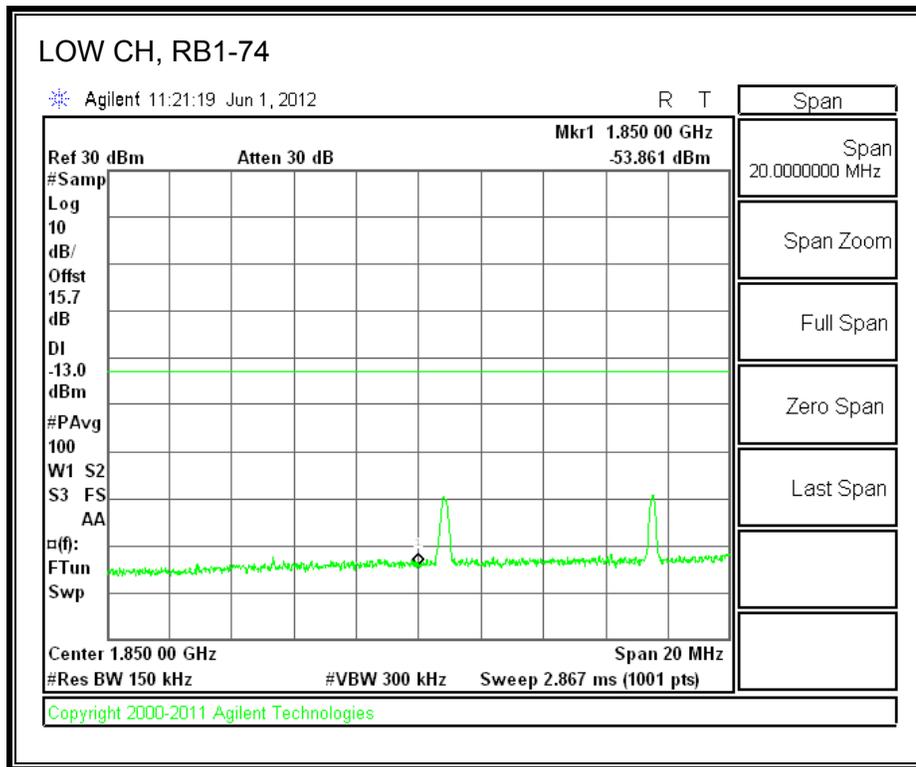


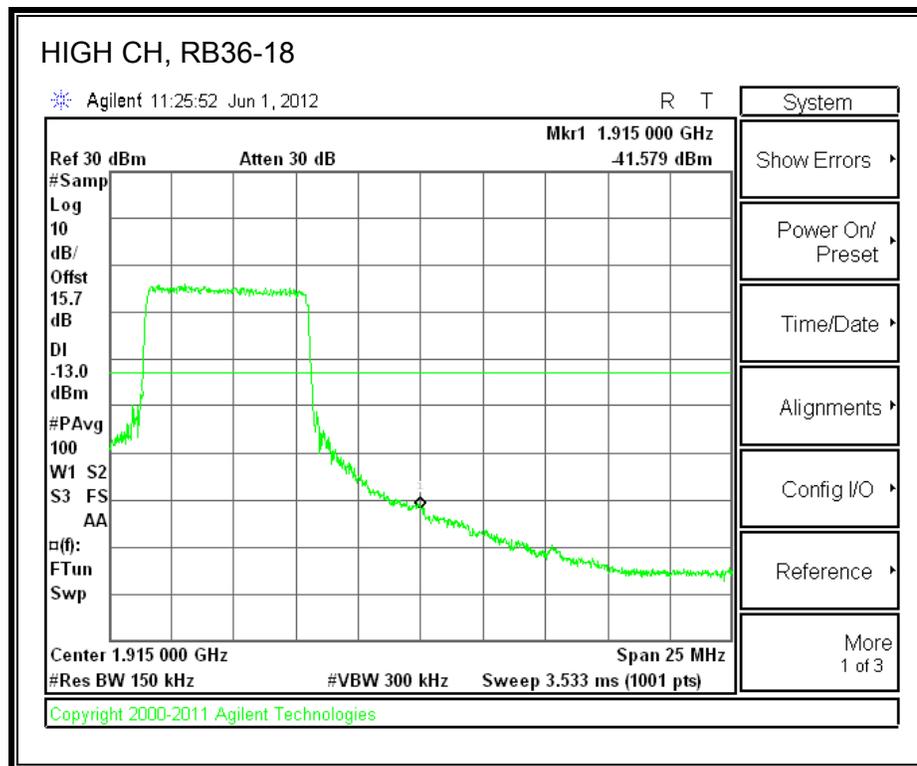
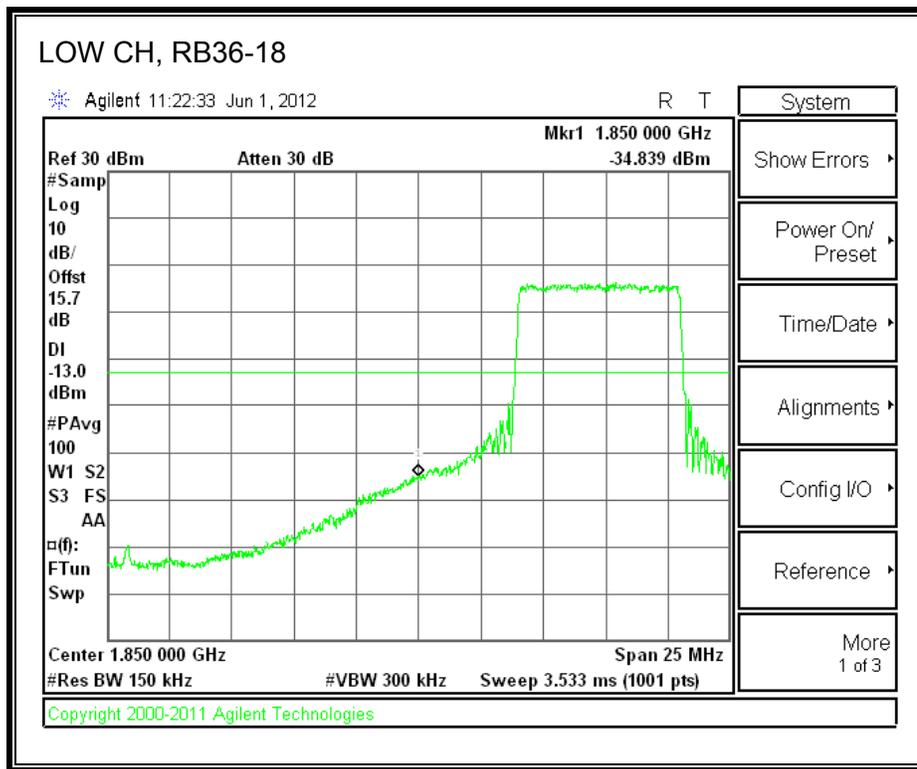


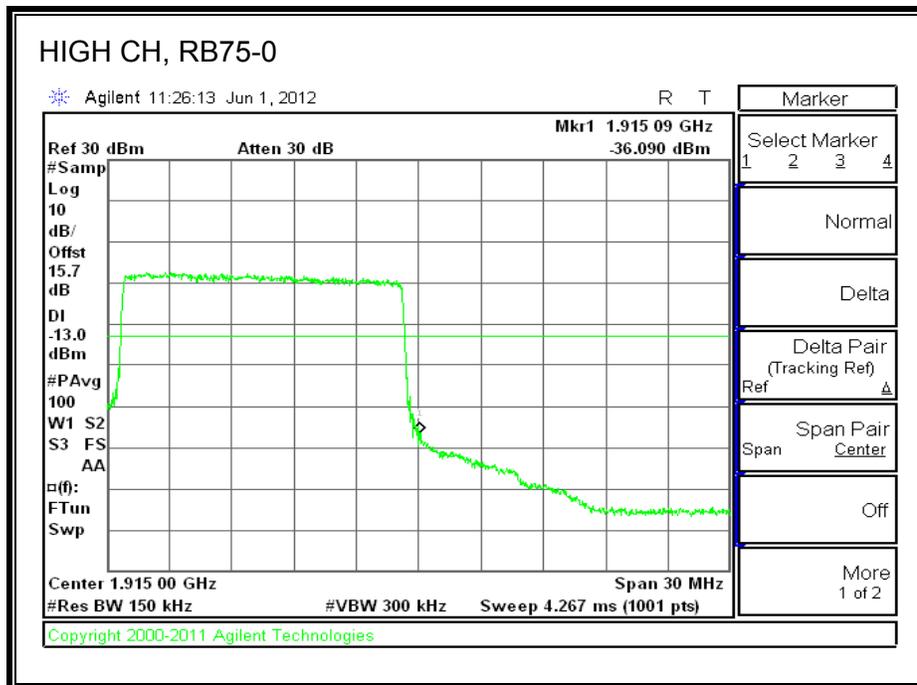
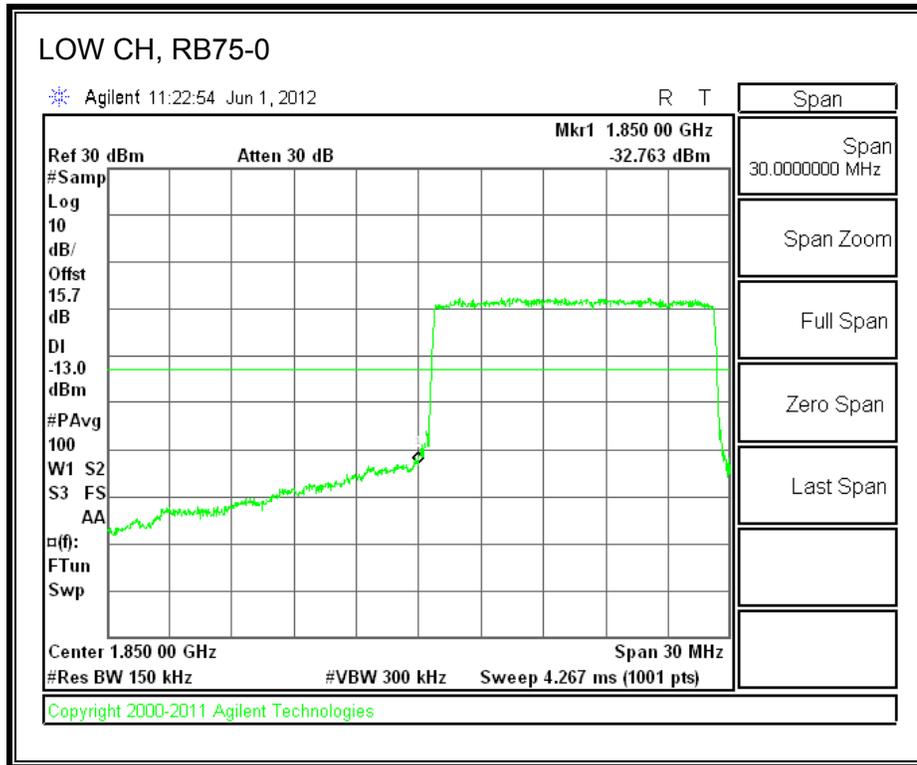


LTE 16QAM Band 2 (15.0 MHz BAND WIDTH)

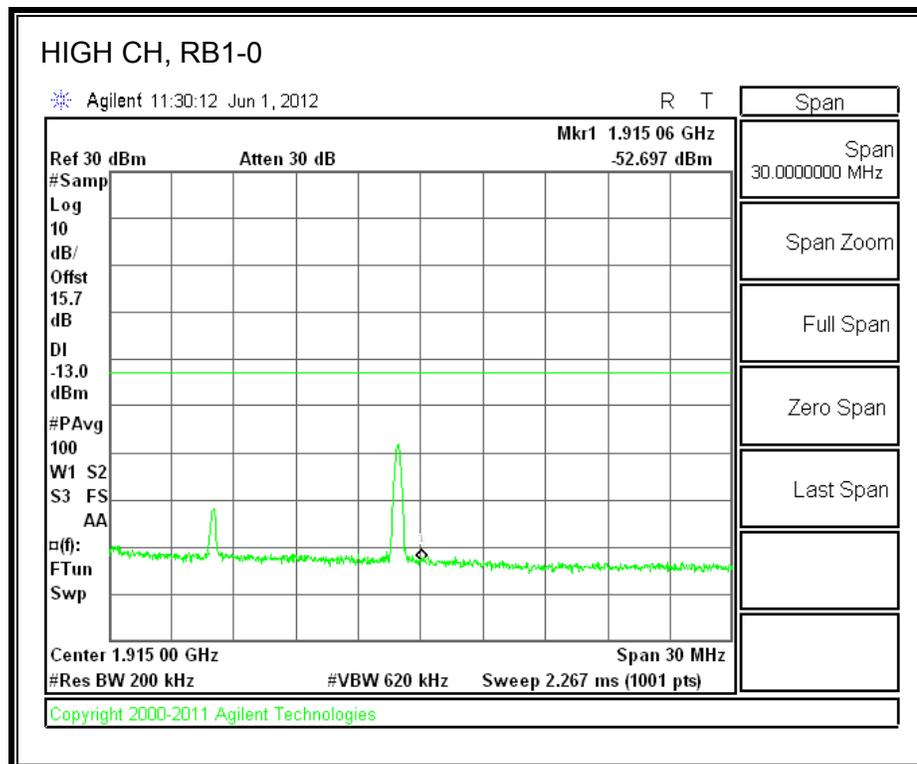
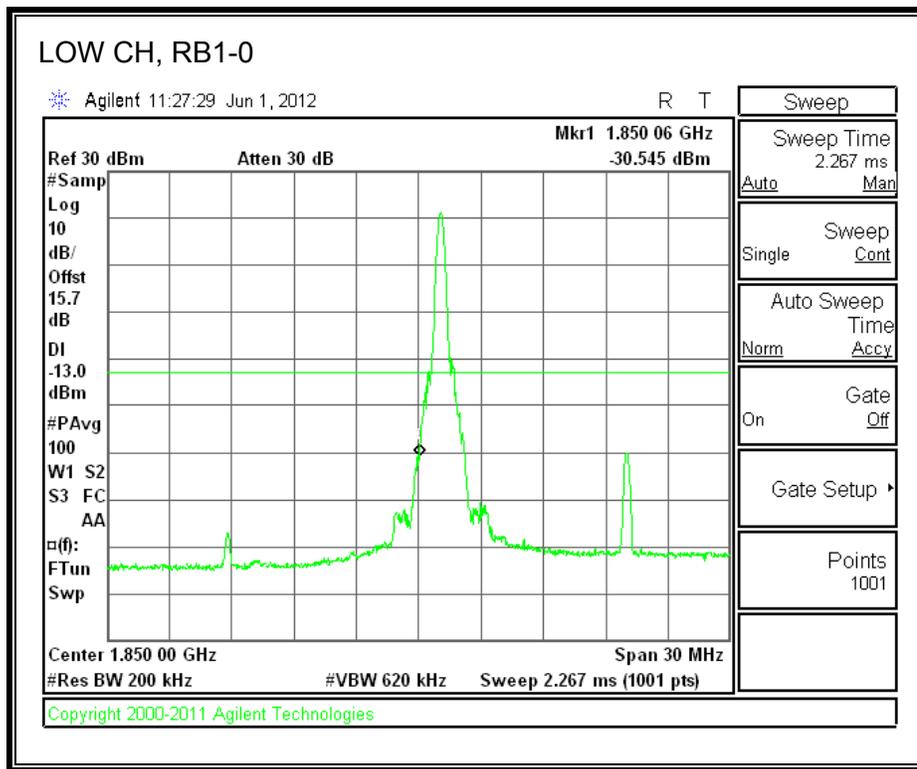


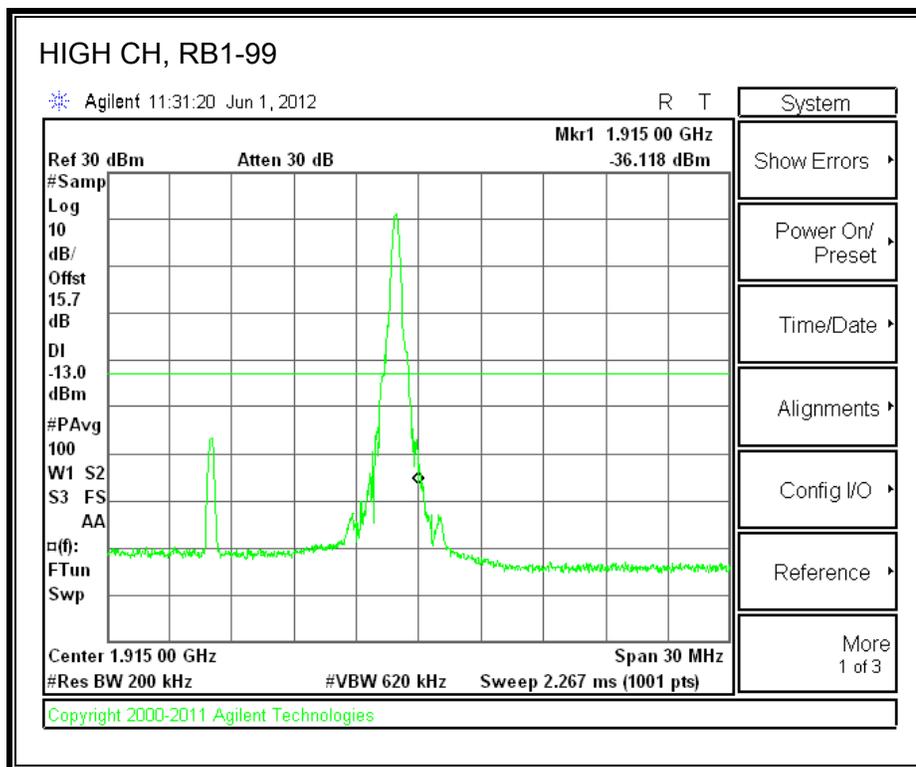
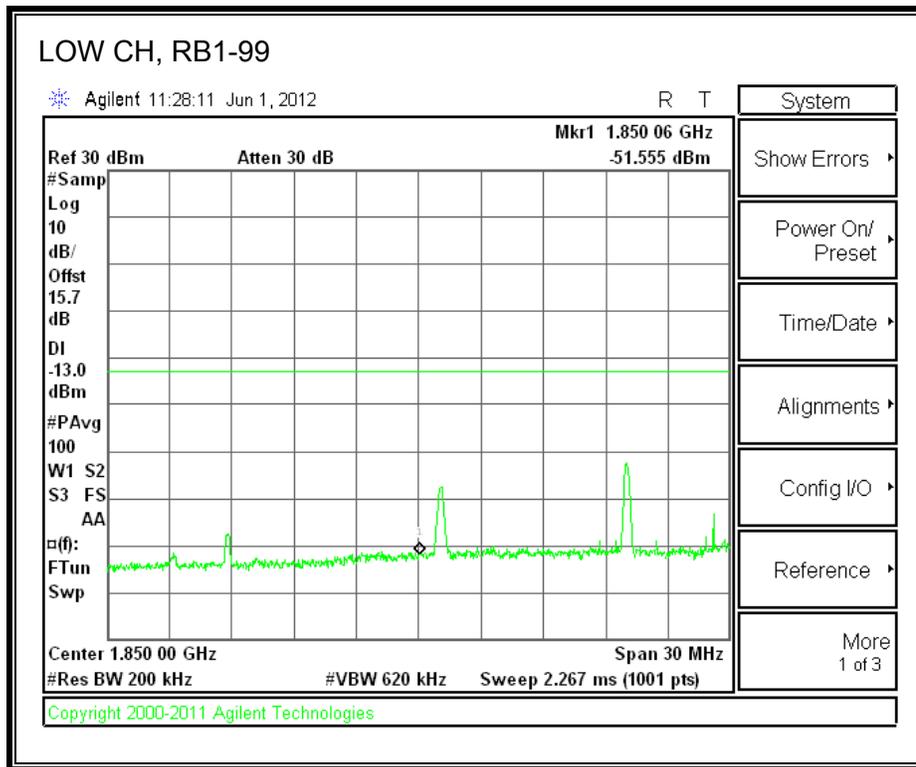


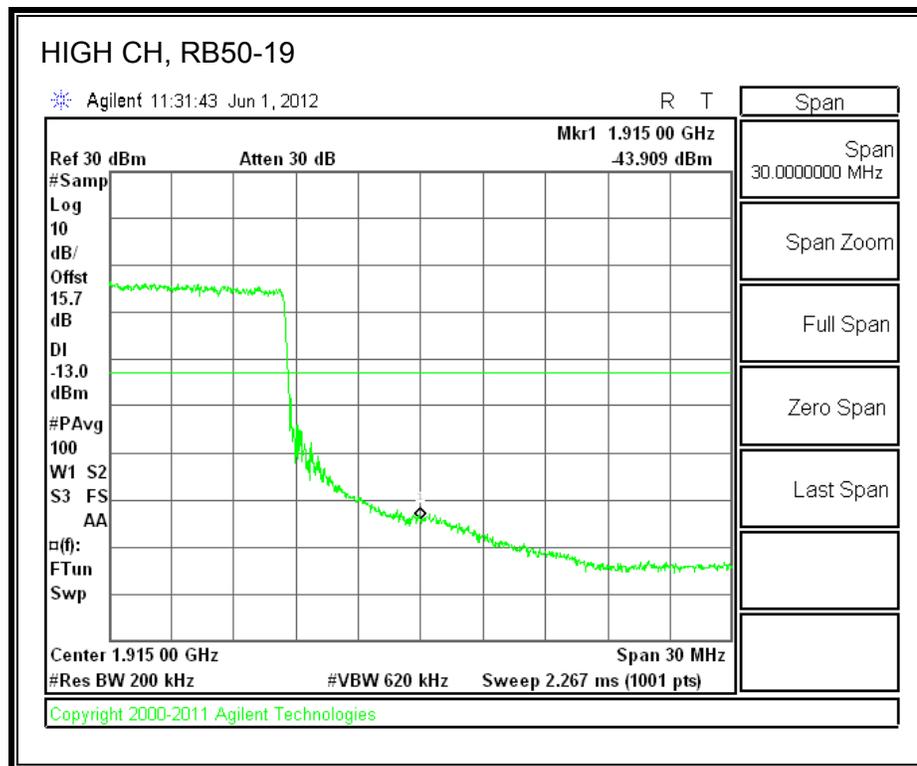
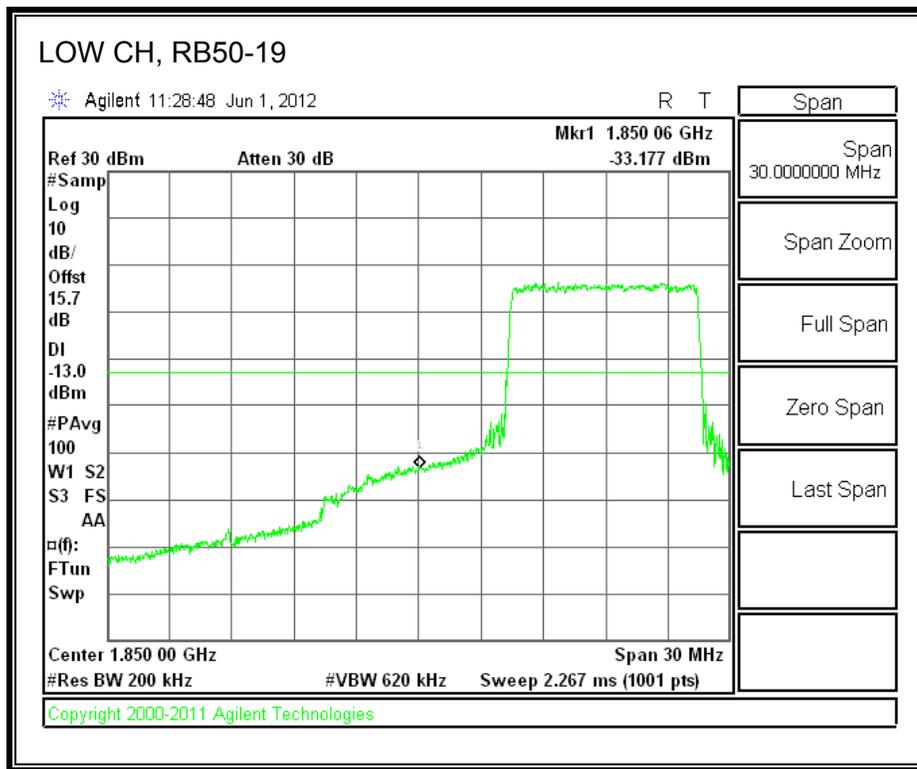


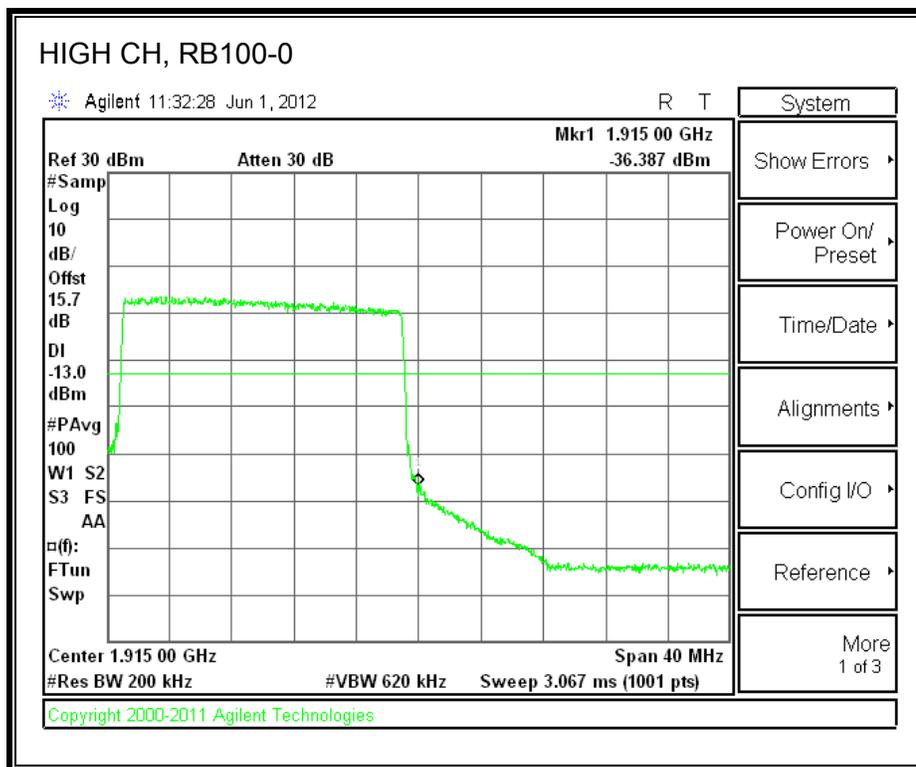
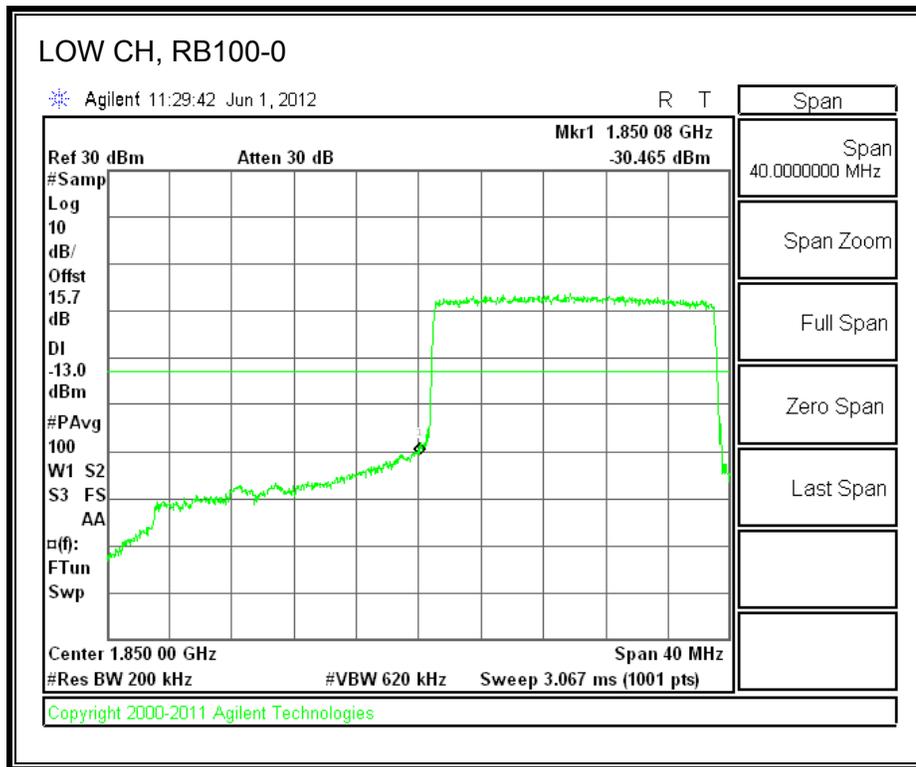


LTE QPSK Band 25 (20.0 MHz BAND WIDTH)

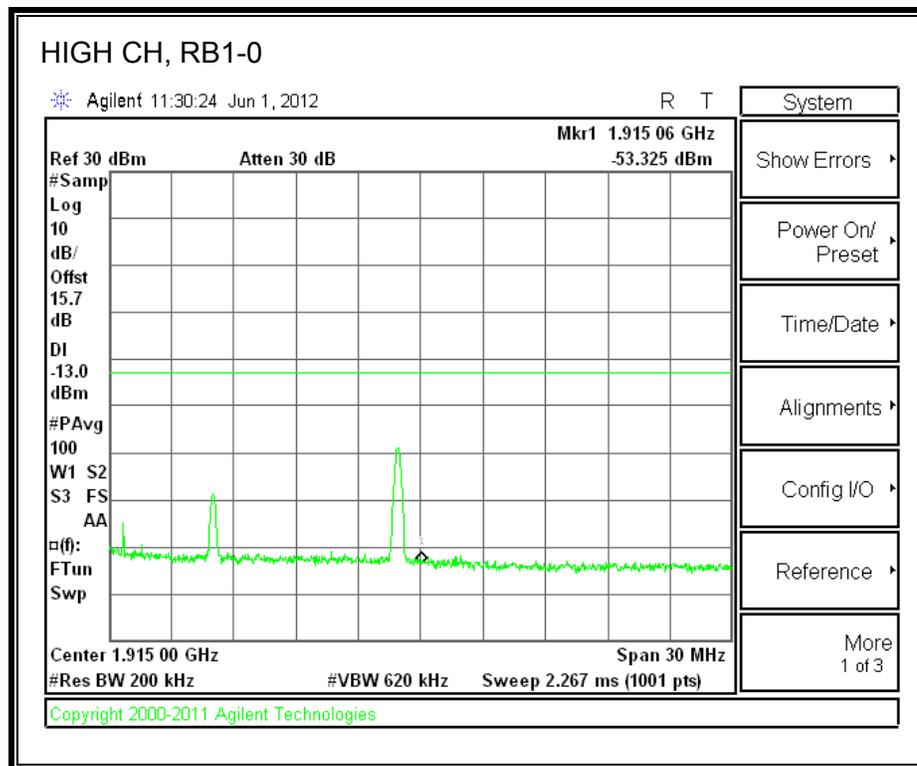
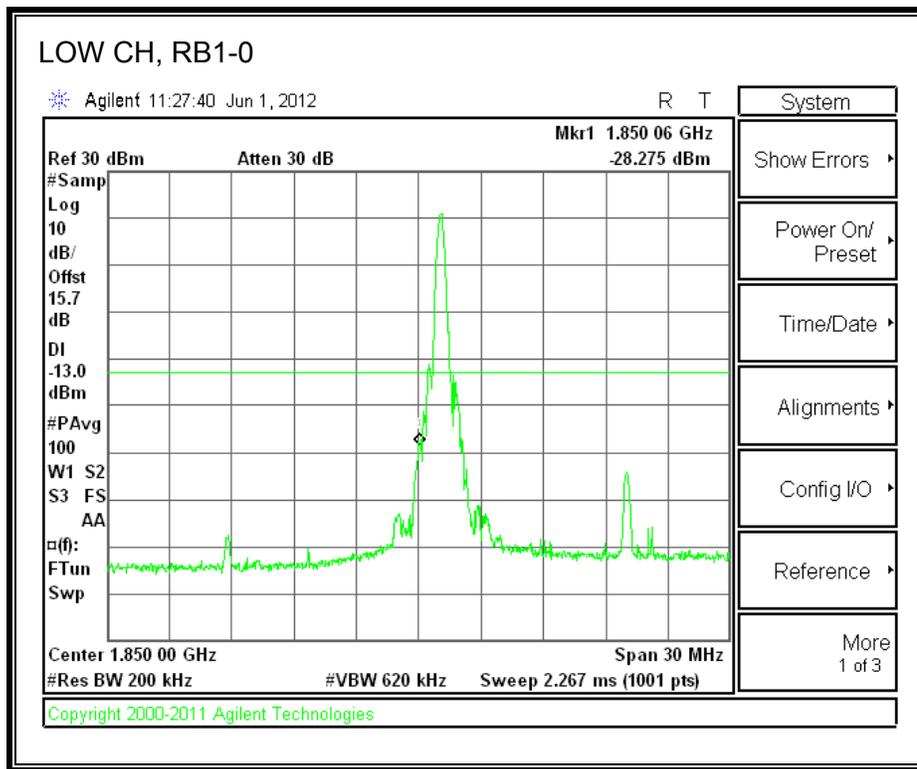


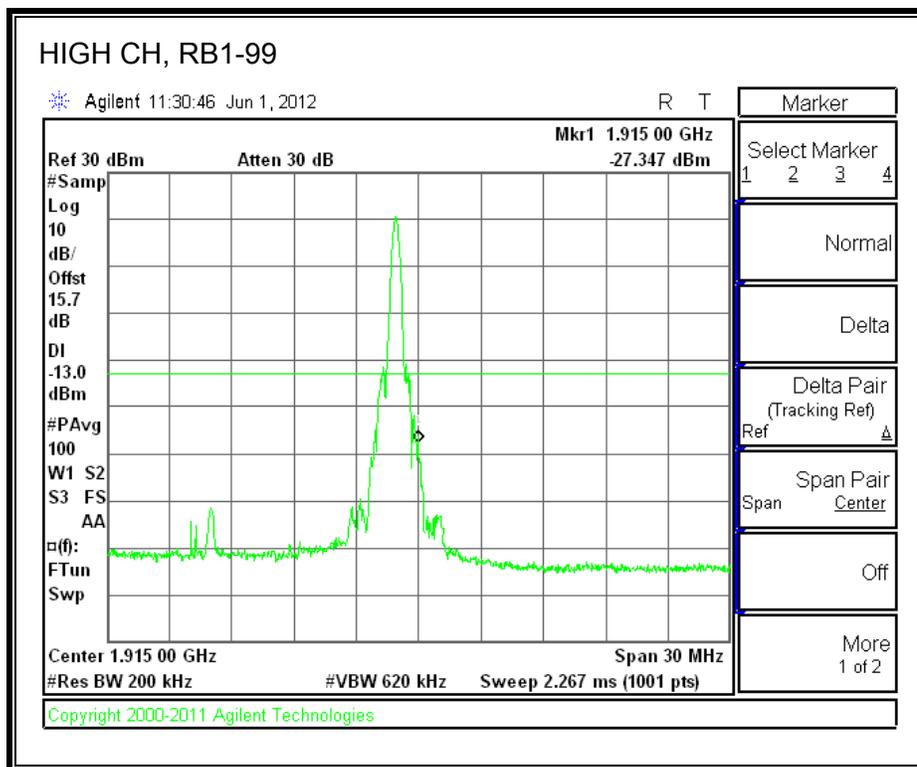
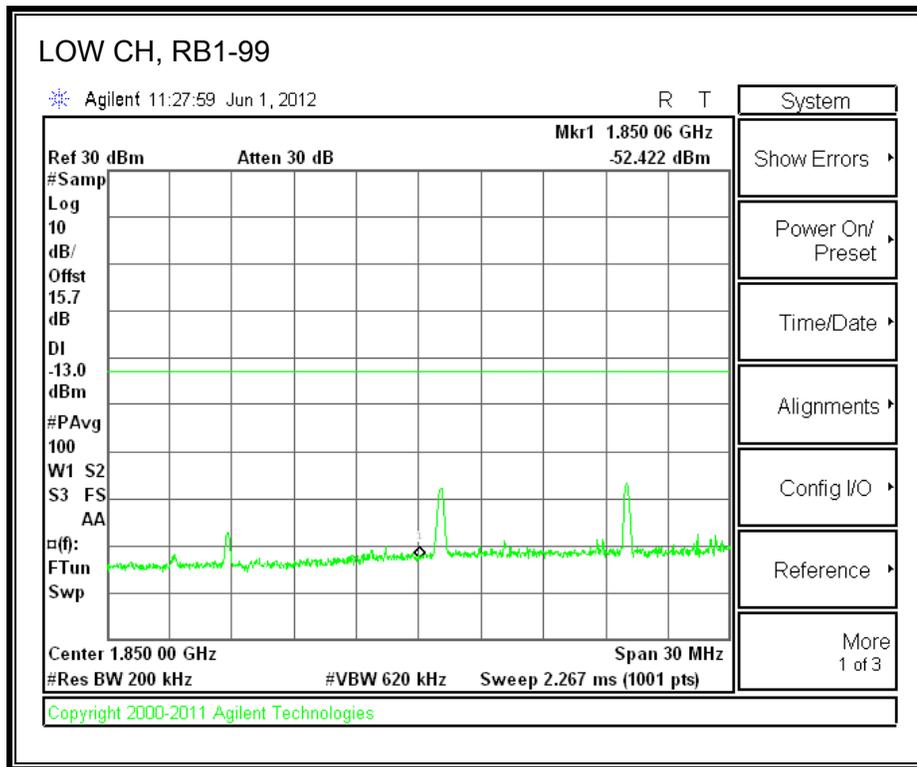


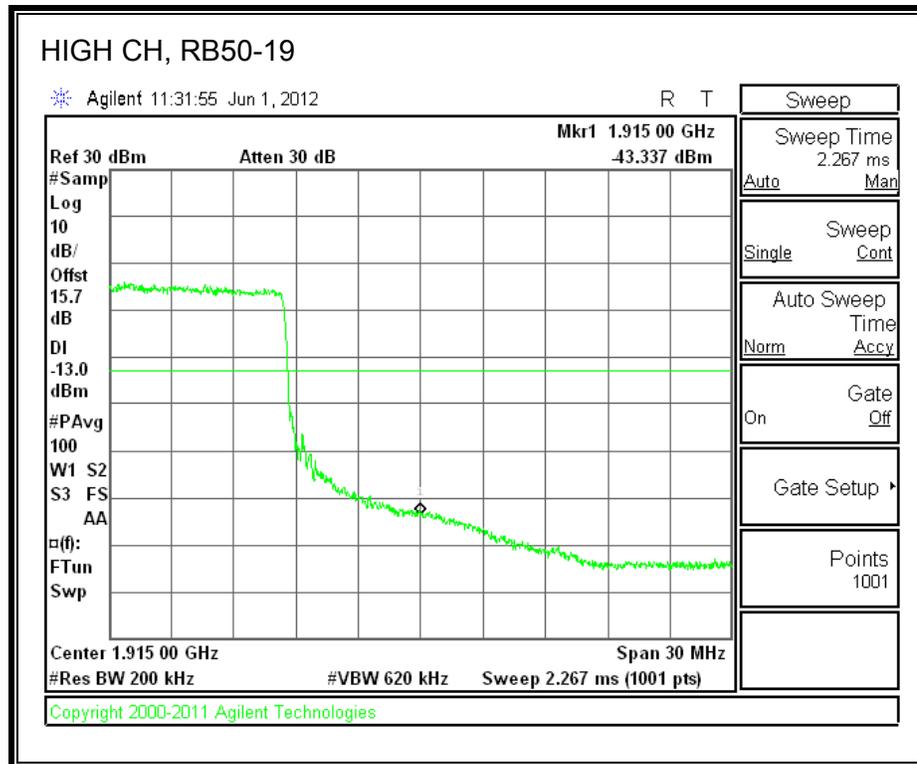
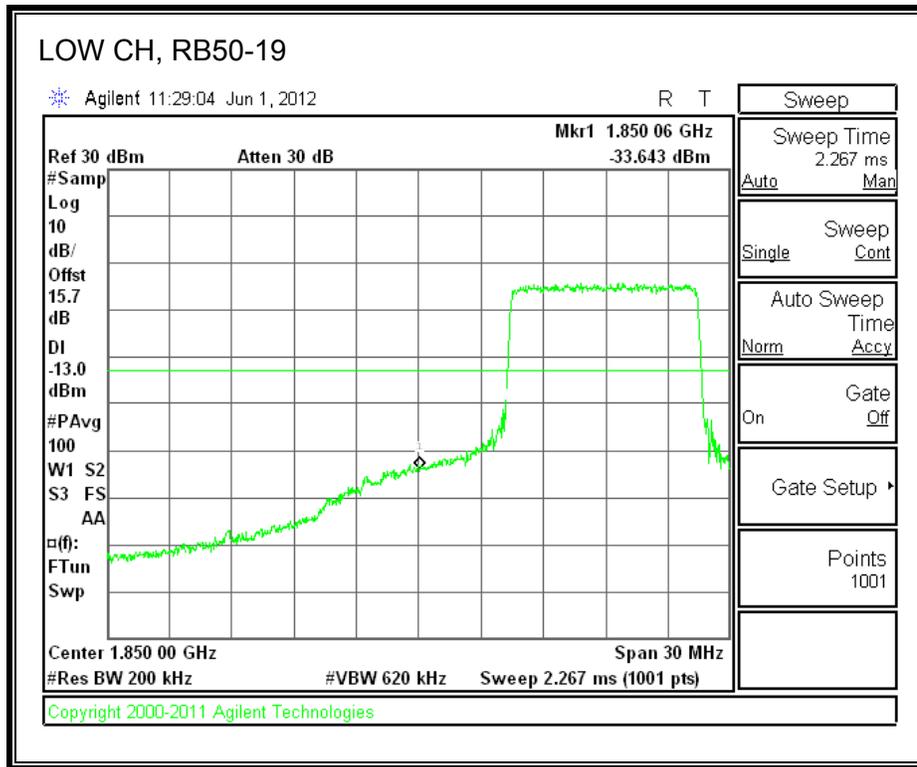


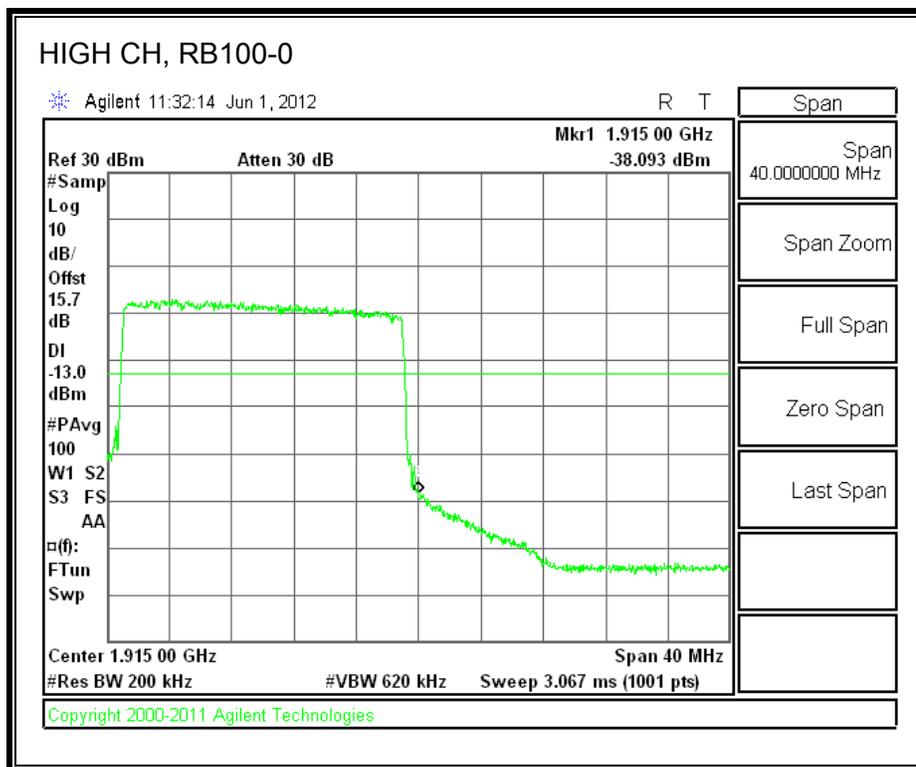
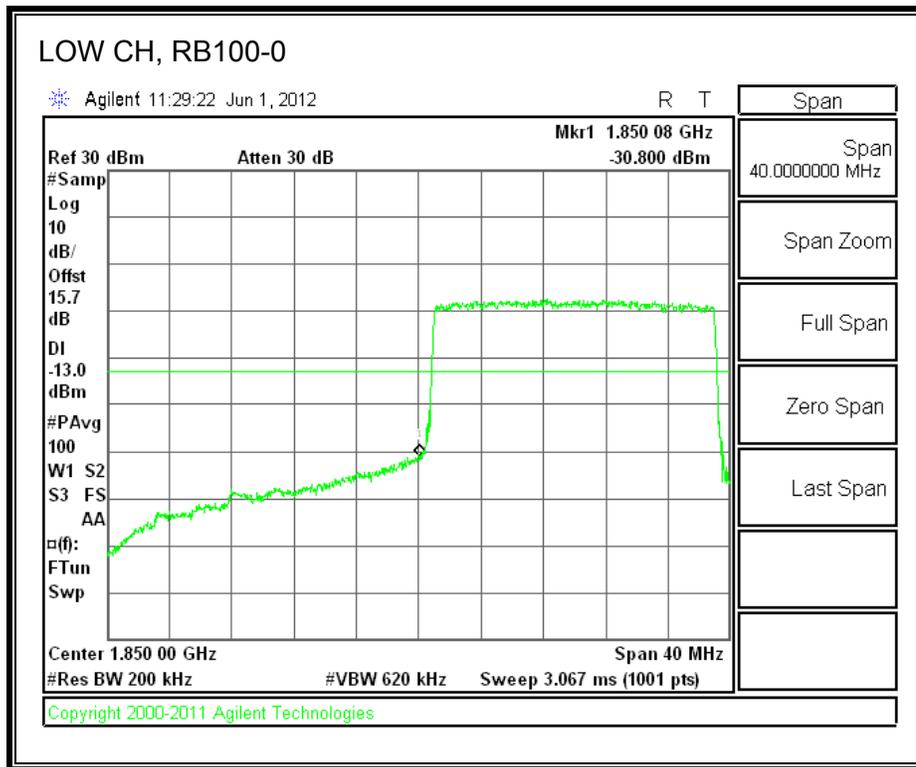


LTE 16QAM Band 25 (20.0 MHz BAND WIDTH)









8.3. OUT OF BAND EMISSIONS

RULE PART(S)

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

LIMITS

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

TEST PROCEDURE

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

For each out of band emissions measurement:

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

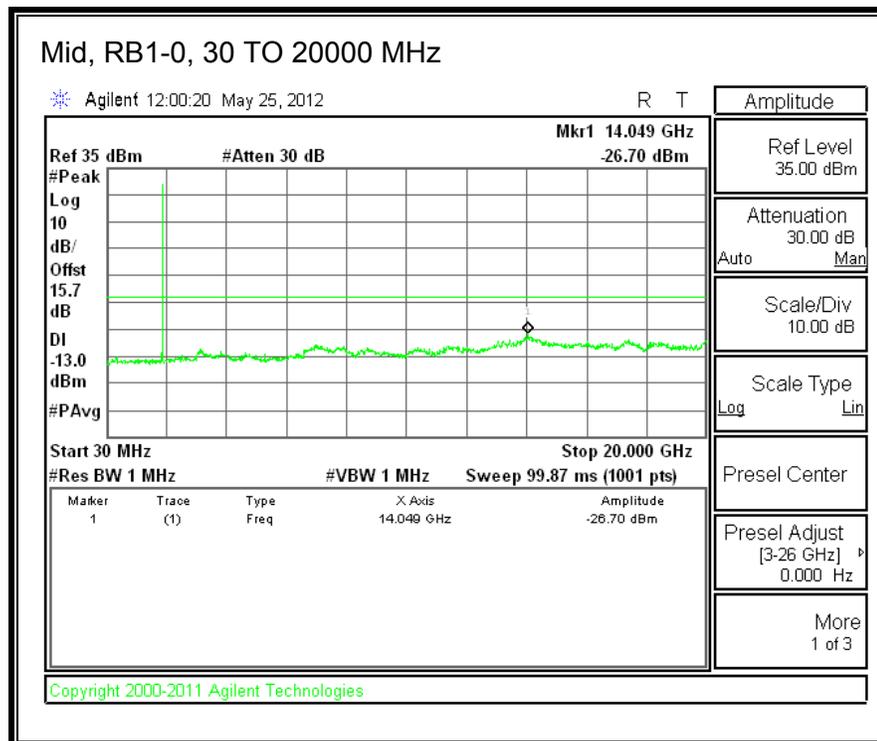
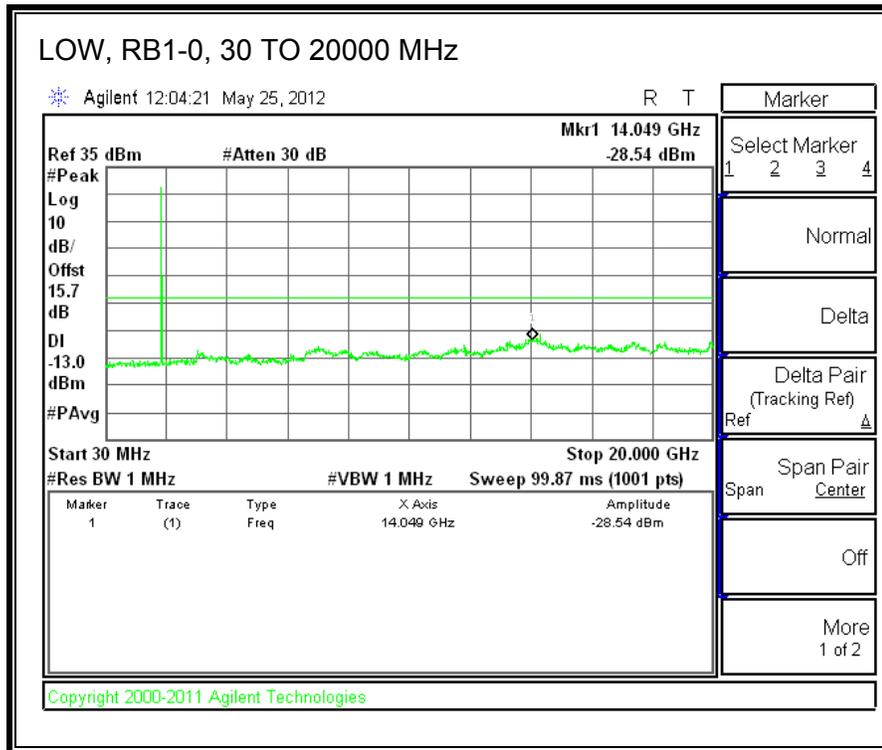
MODES TESTED

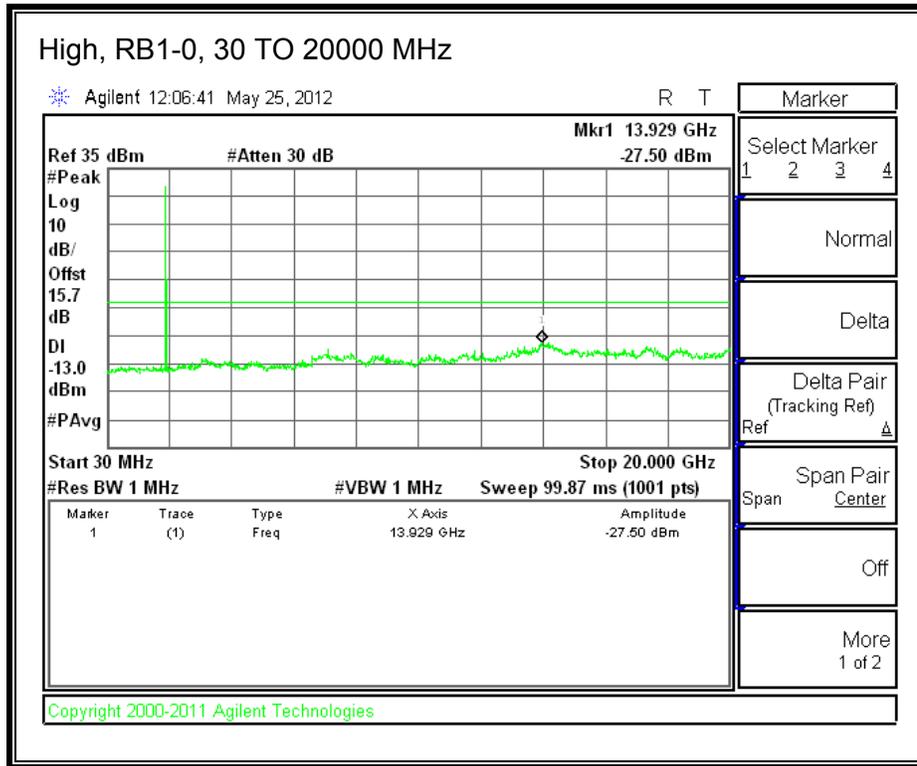
- Port A Band 2
- Port A Band 4
- Port A Band 17
- Port A Band 5
- Port A Band 13
- Port A Band 25

RESULTS

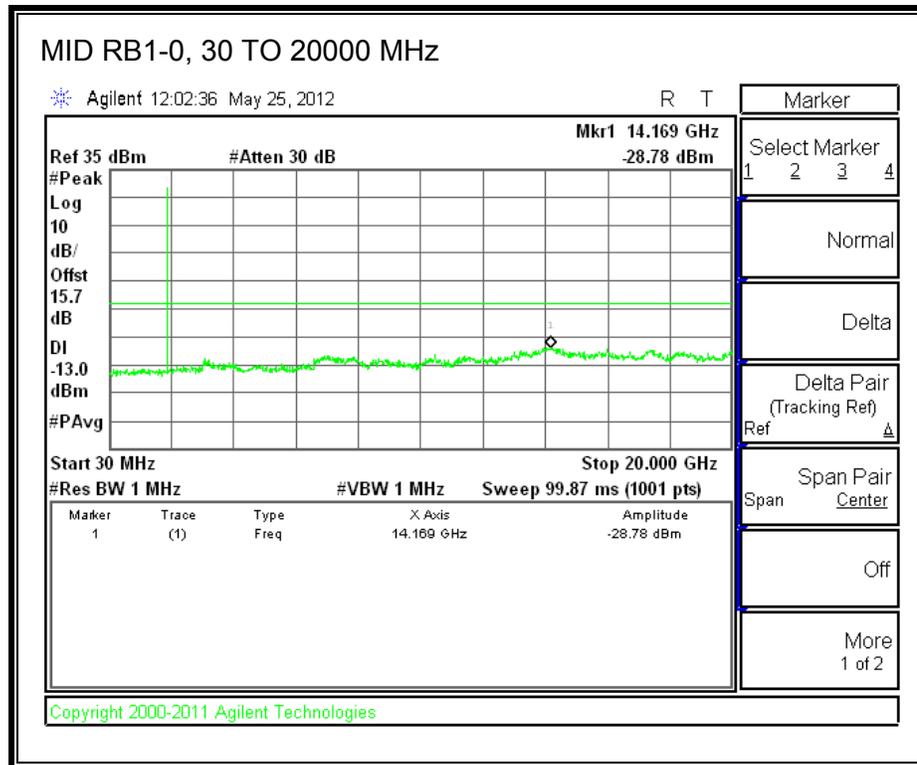
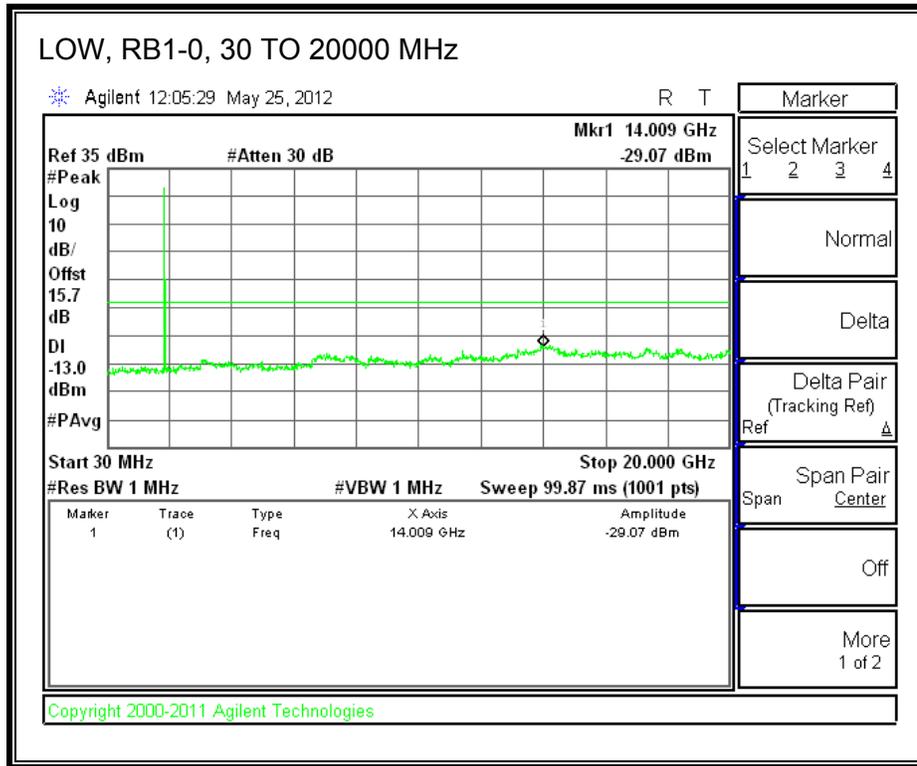
8.3.1. A1428 LAT PORT LTE BAND 2

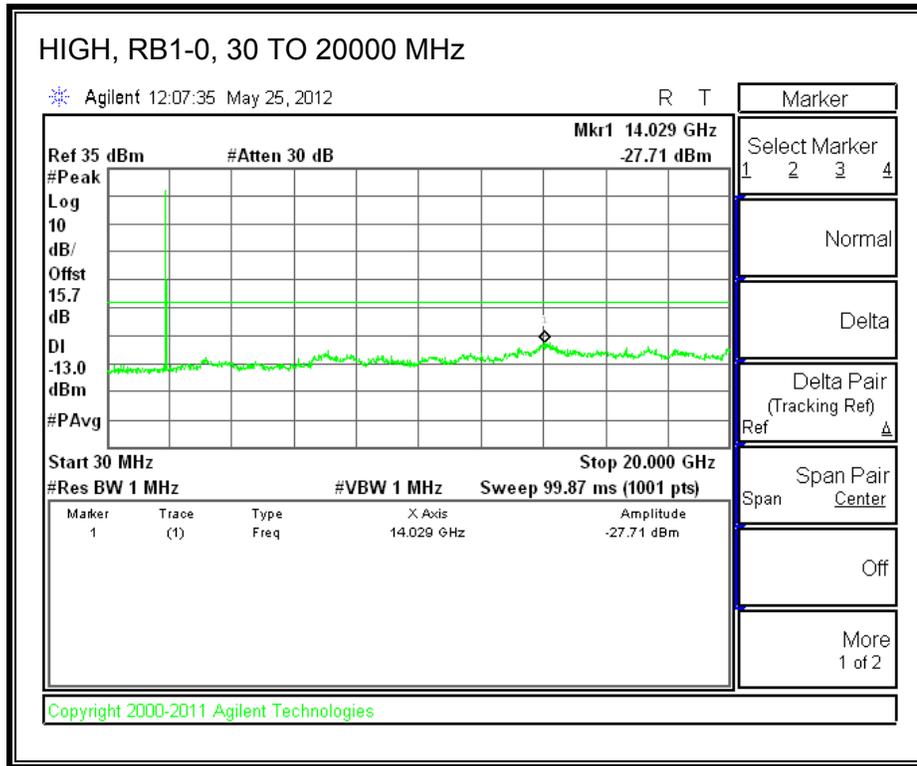
LTE QPSK, 1.4 MHz BAND WIDTH



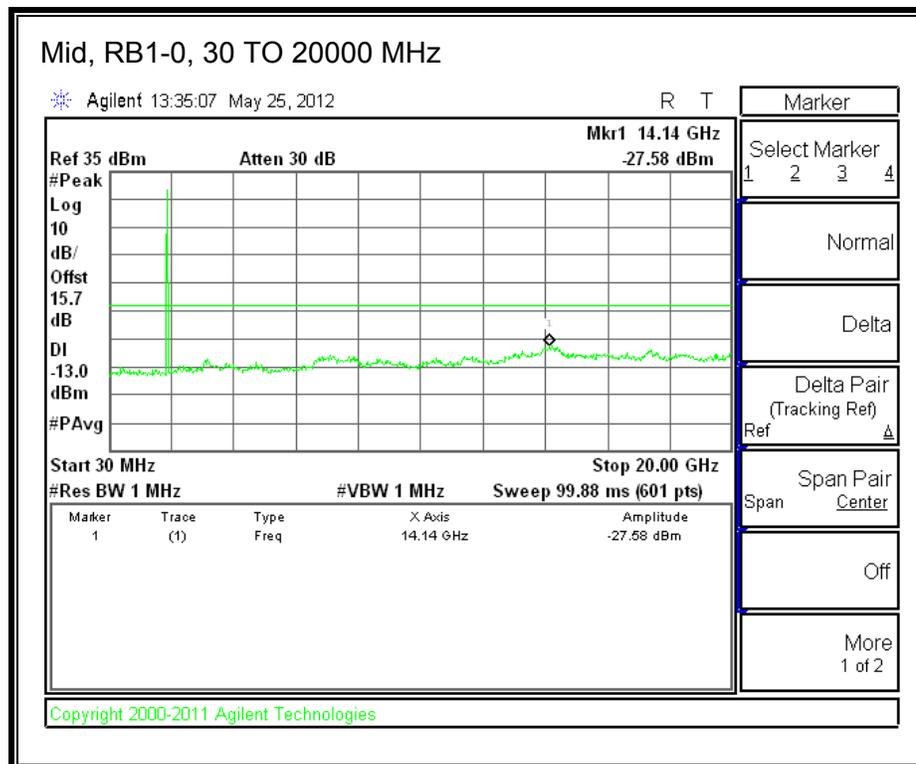
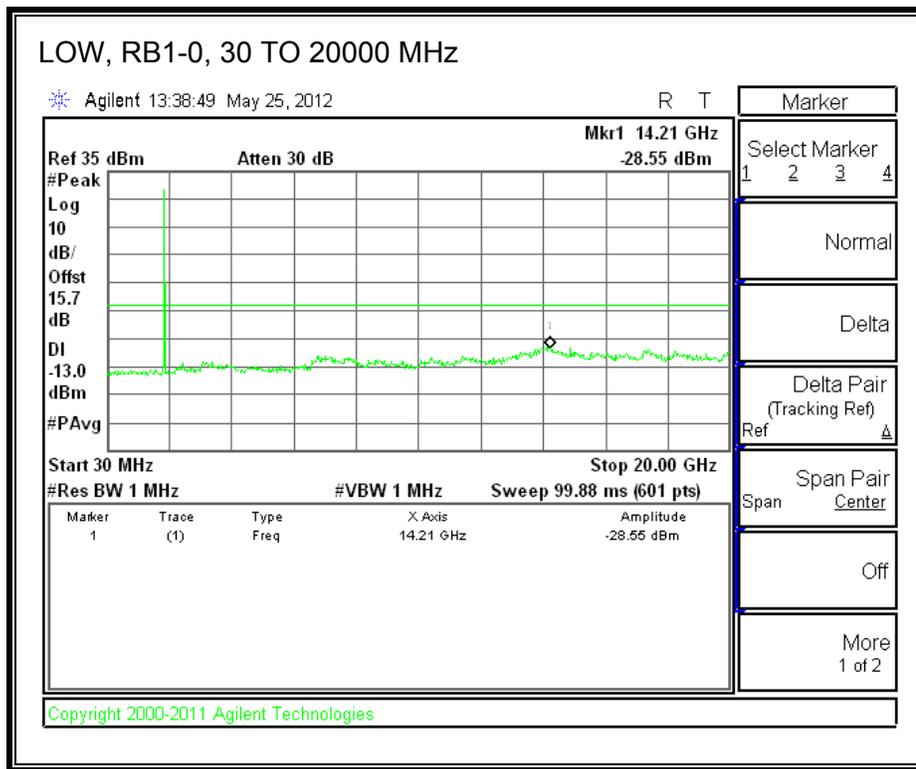


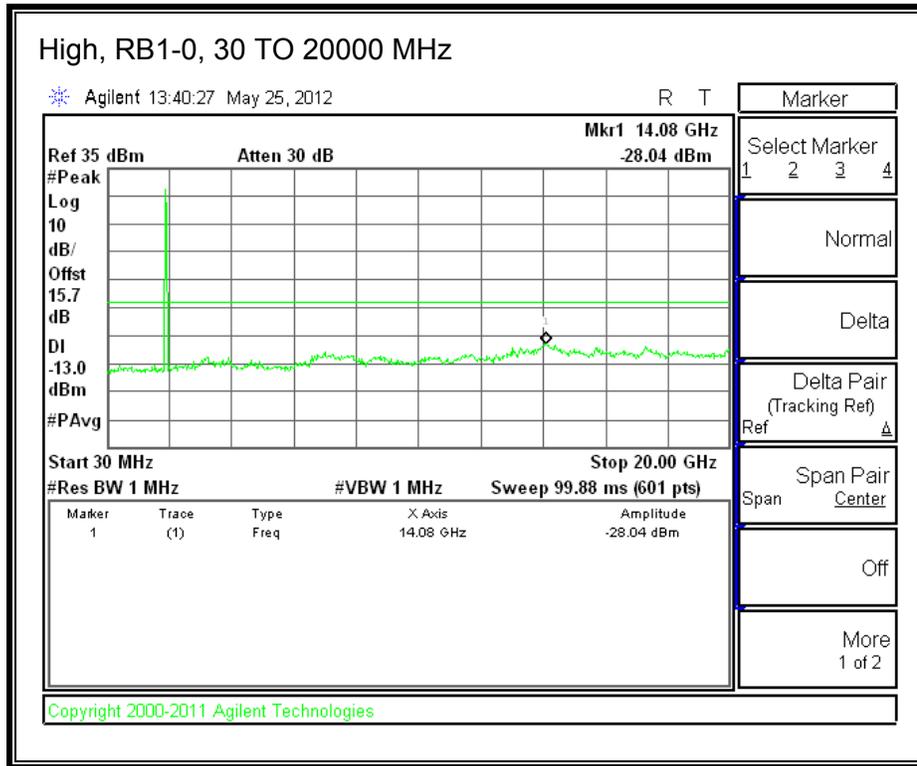
LTE 16QAM



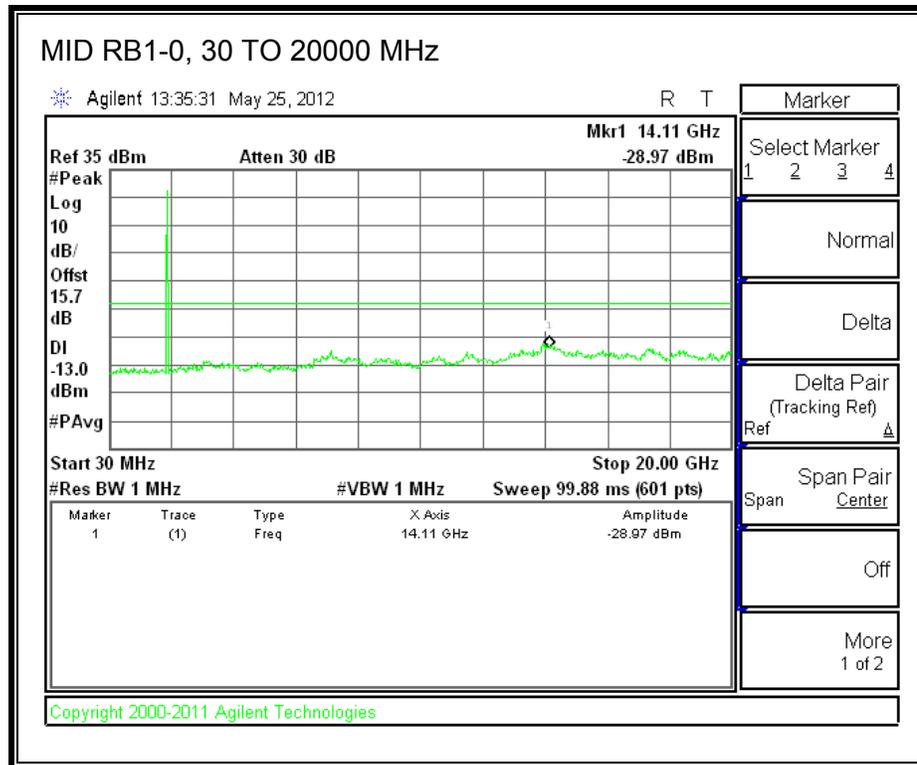
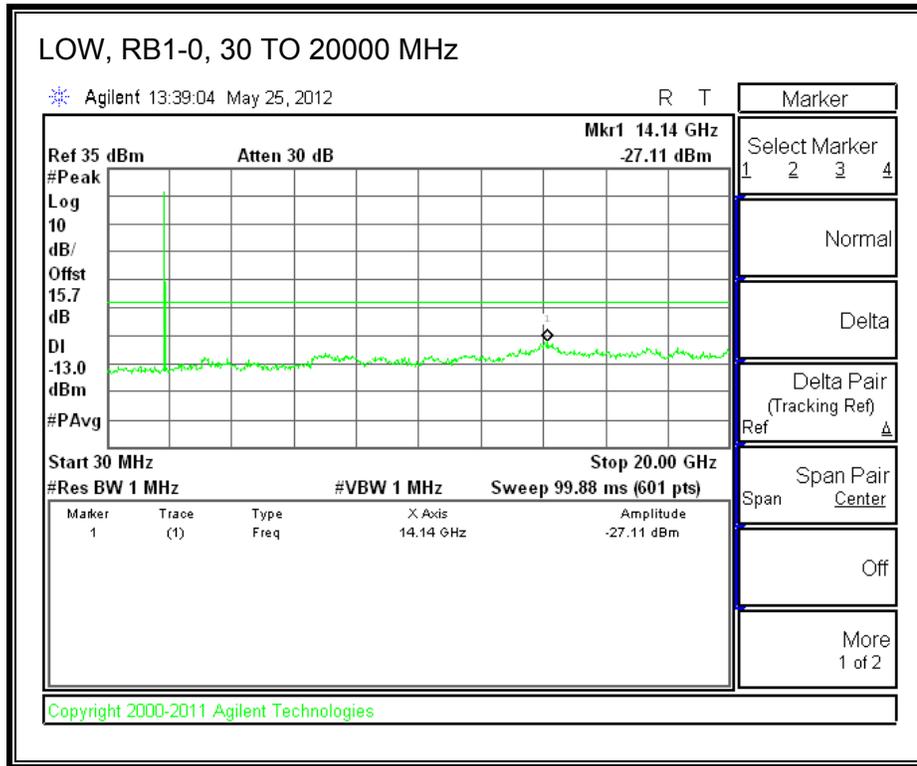


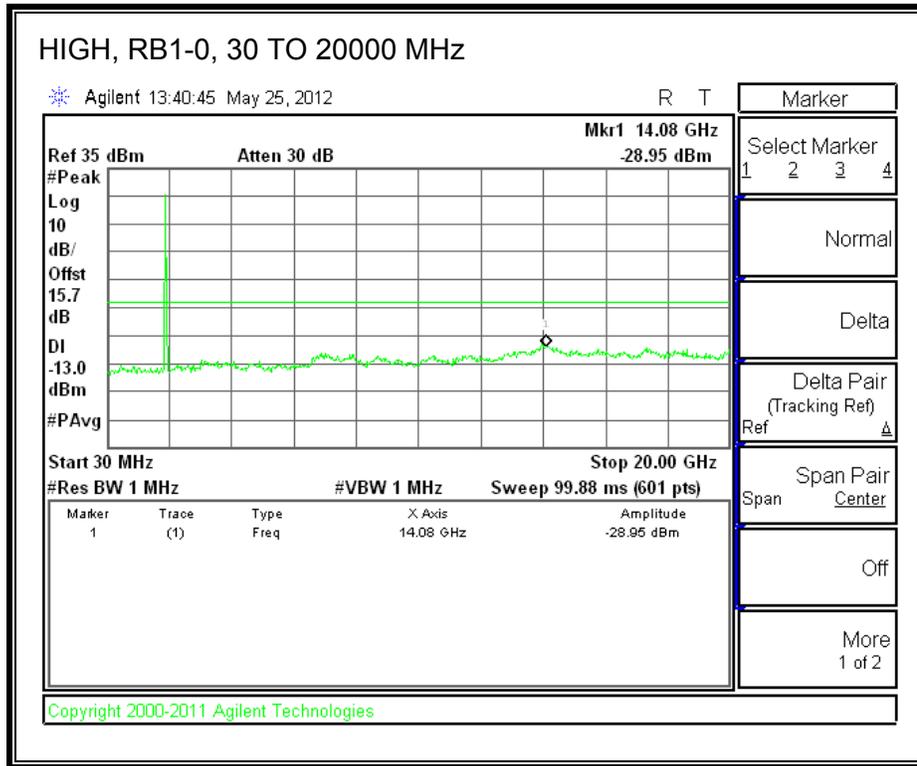
LTE QPSK, 3.0 MHz BAND WIDTH





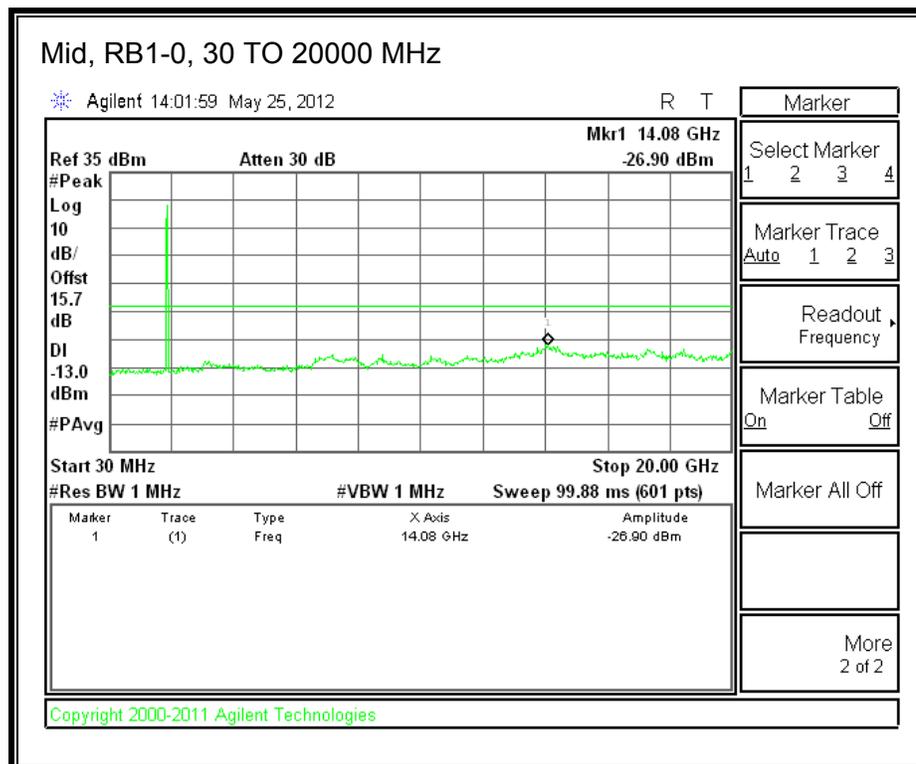
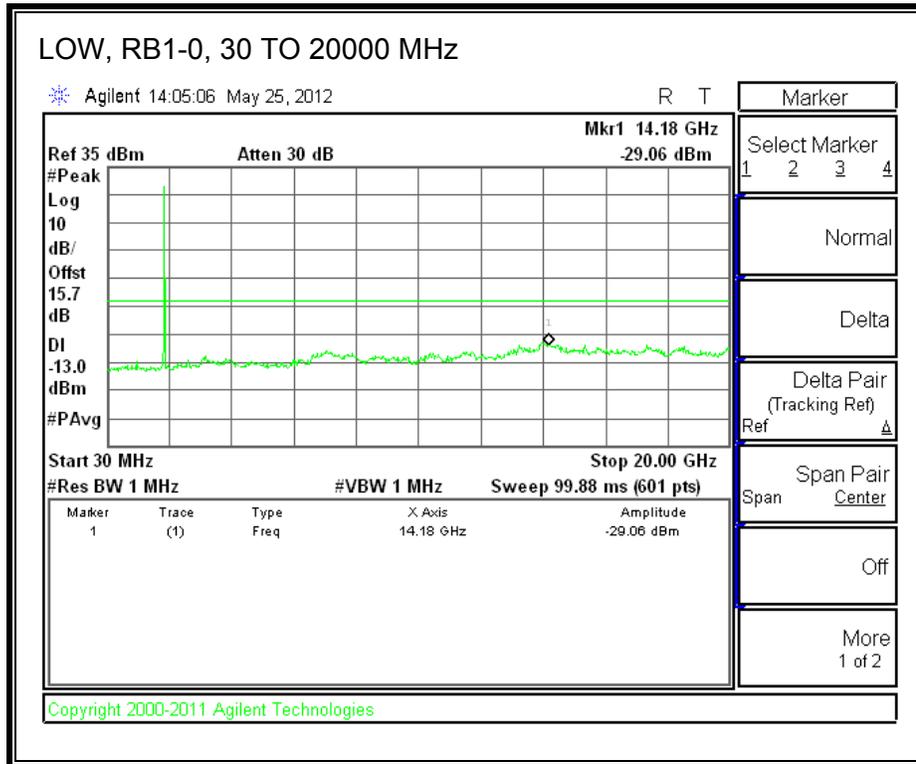
LTE 16QAM

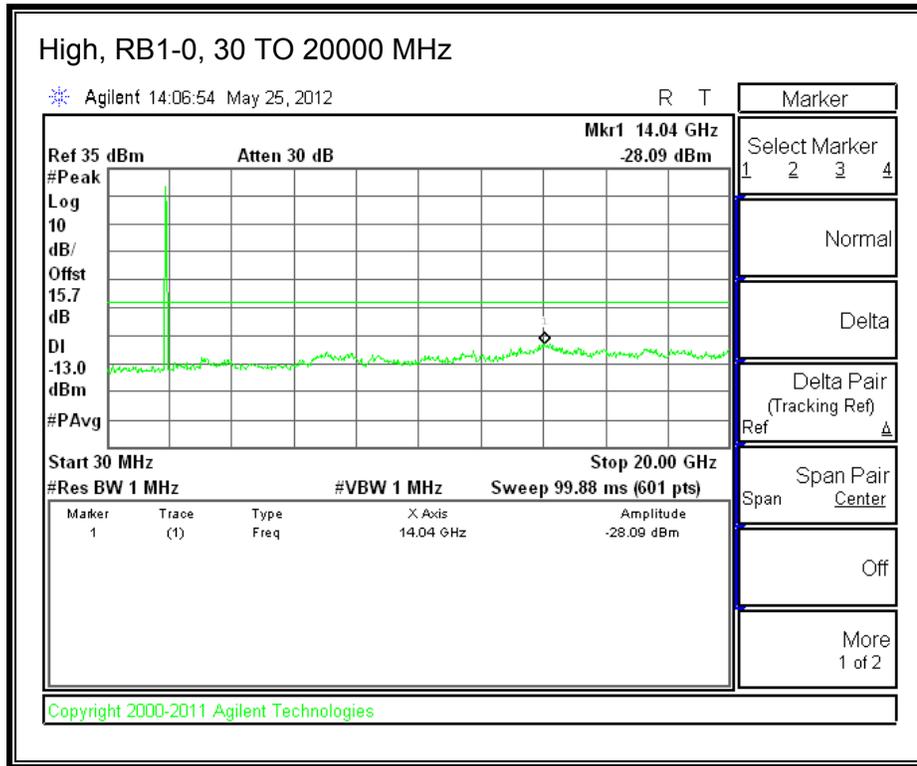




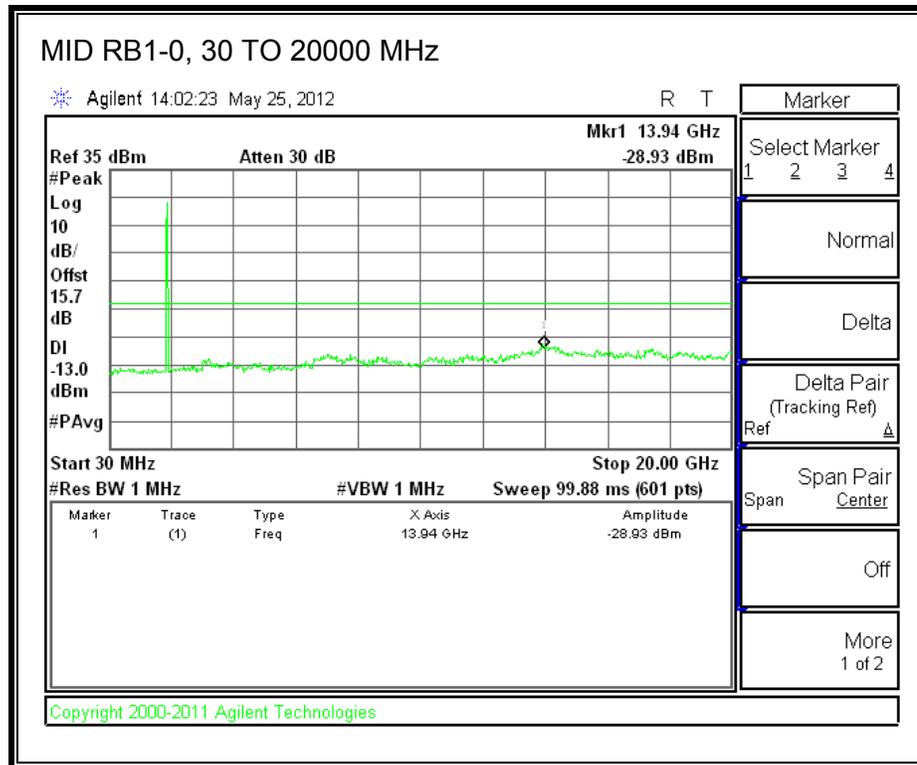
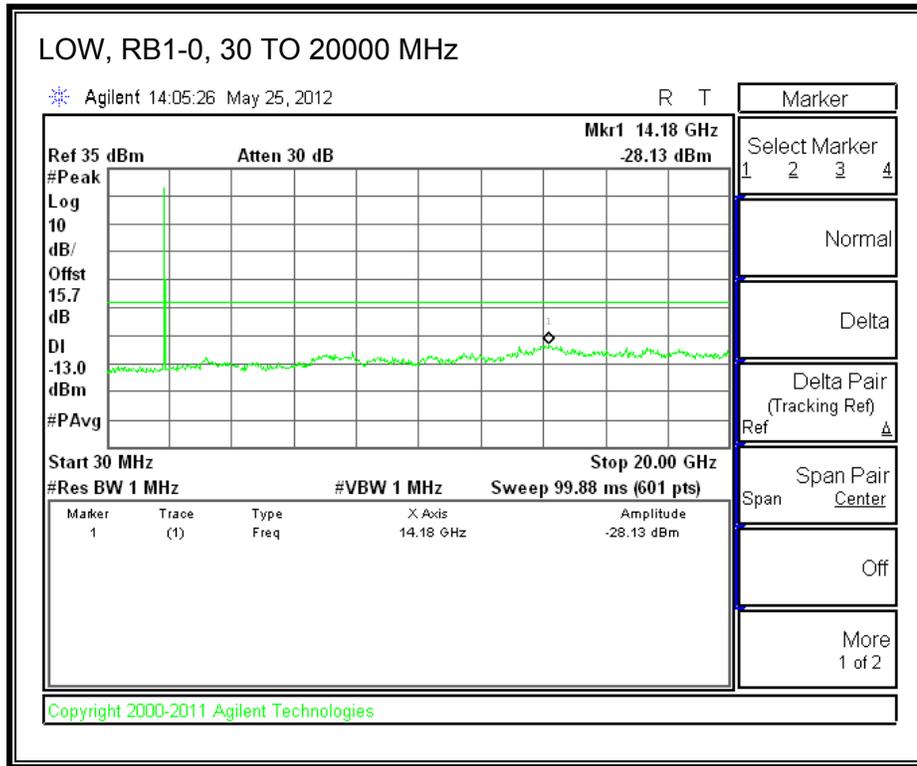
Band 2 (5.0 MHz BAND WIDTH)

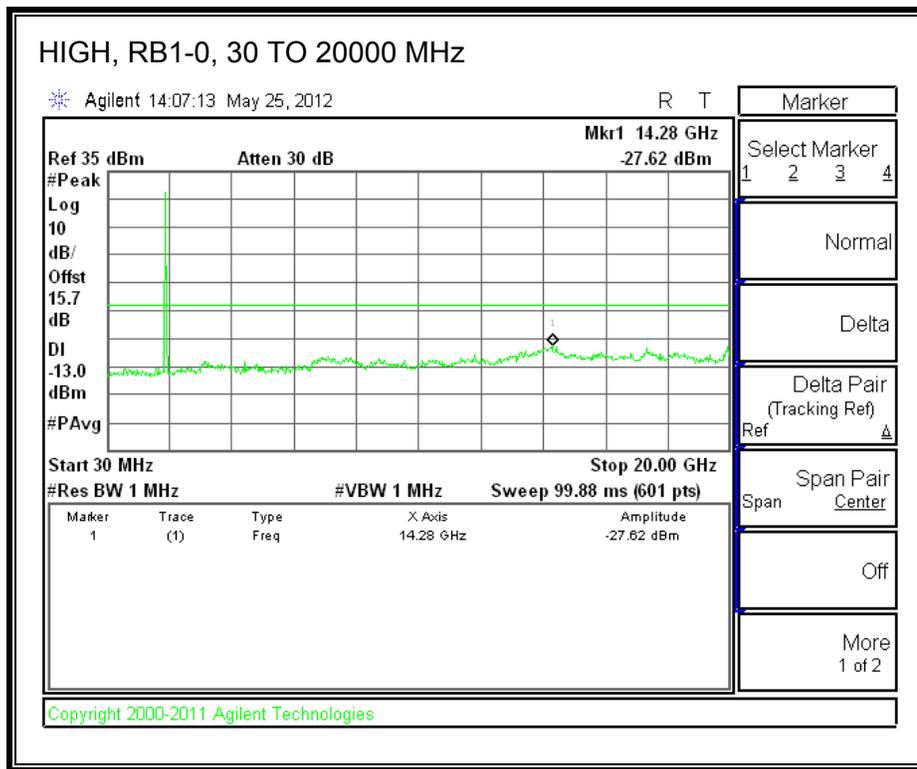
LTE QPSK





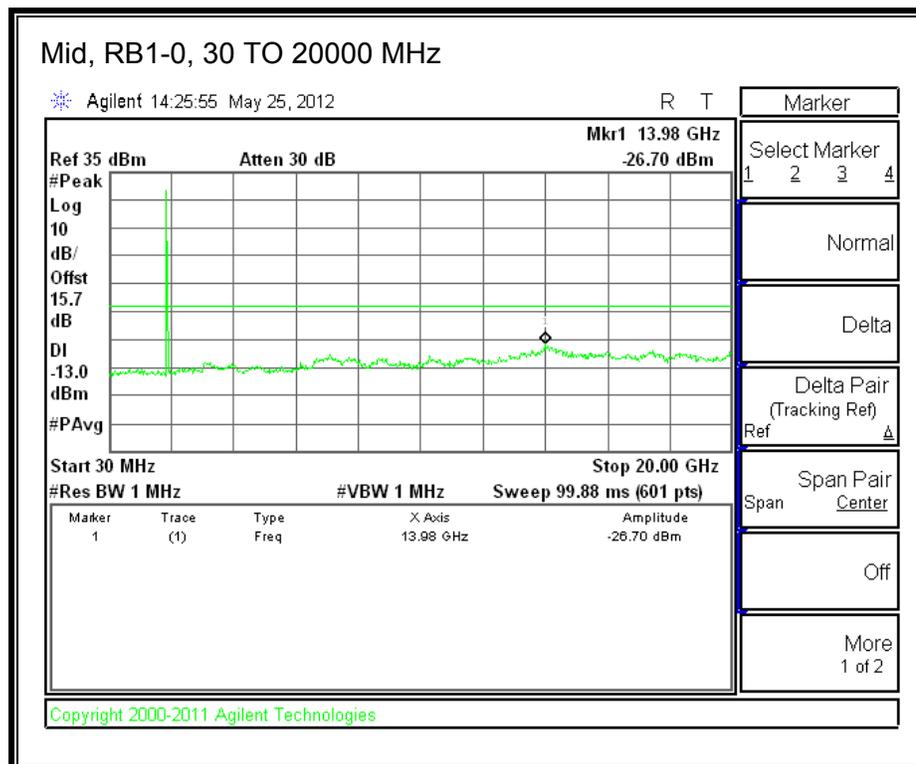
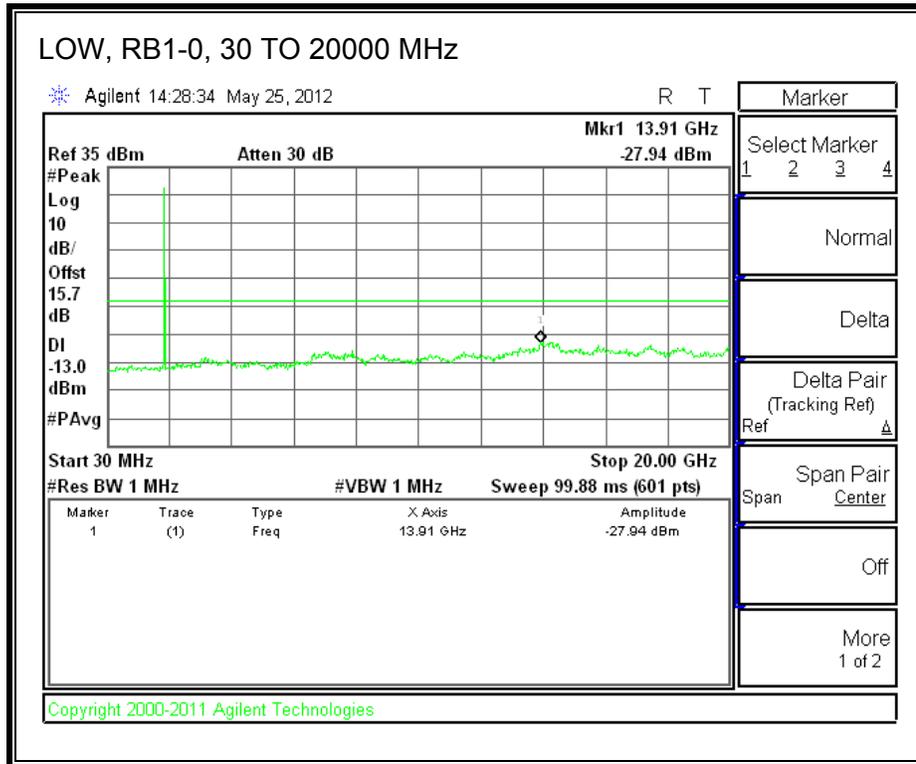
LTE 16QAM

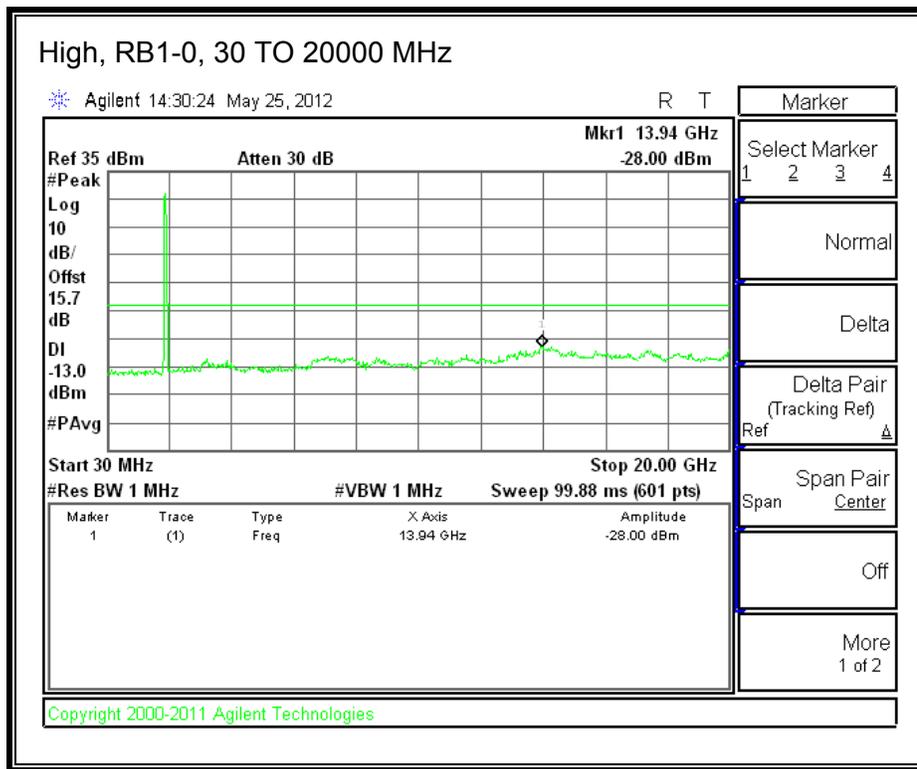




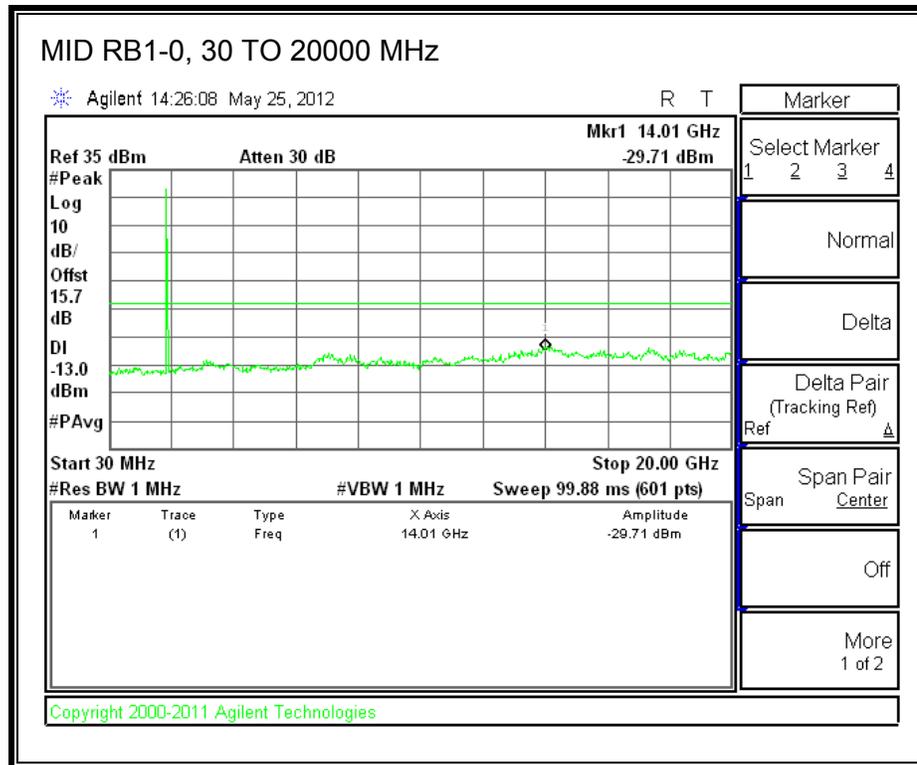
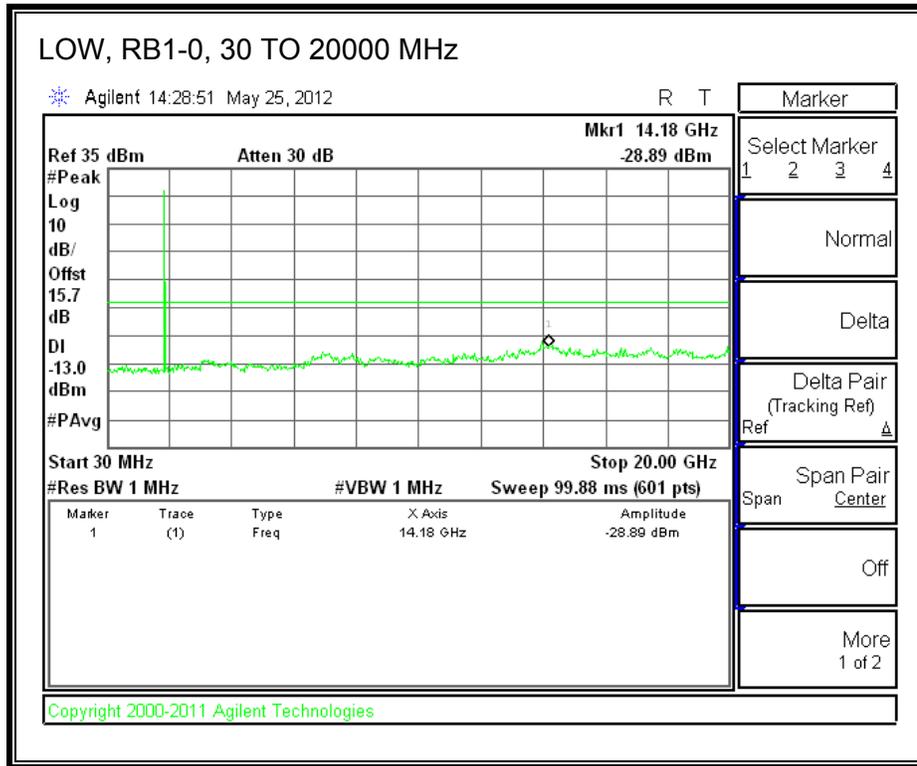
Band 2 (10.0 MHz BAND WIDTH)

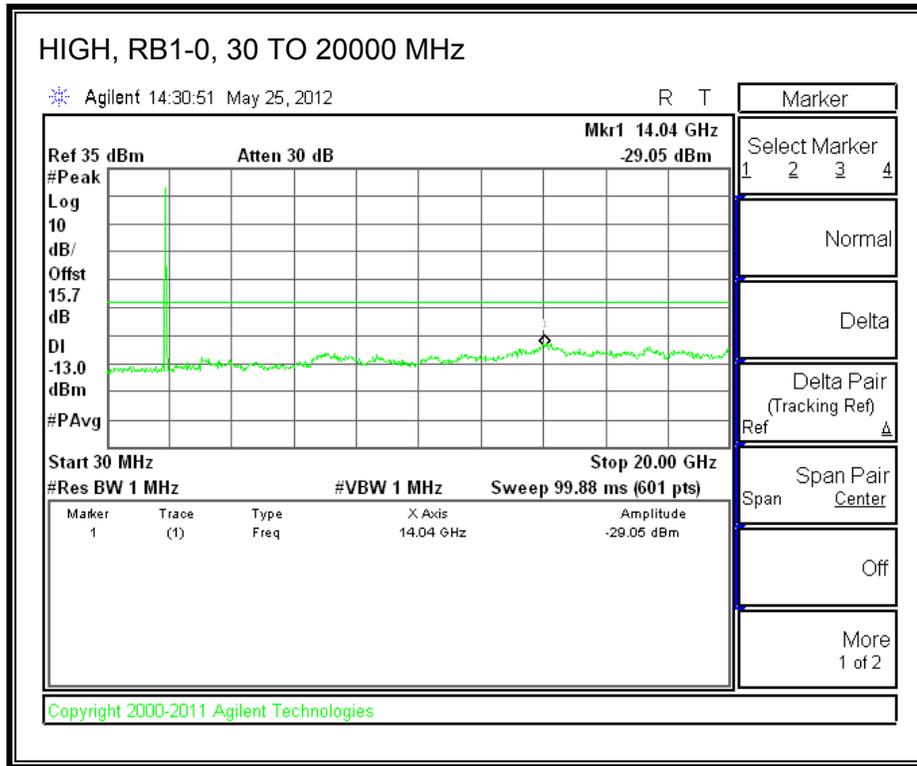
LTE QPSK





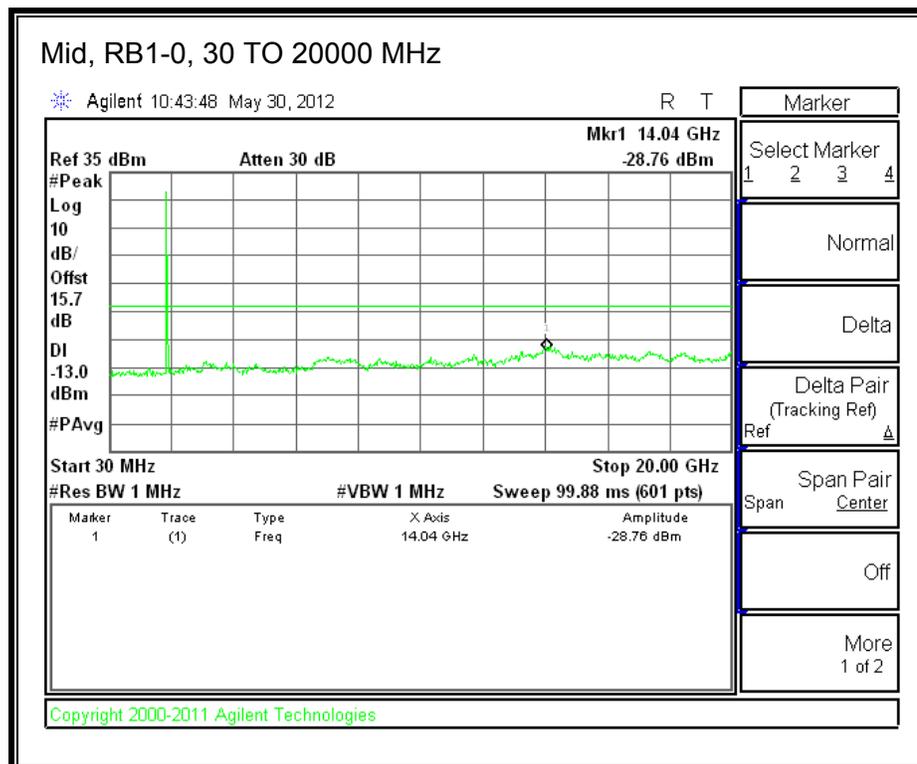
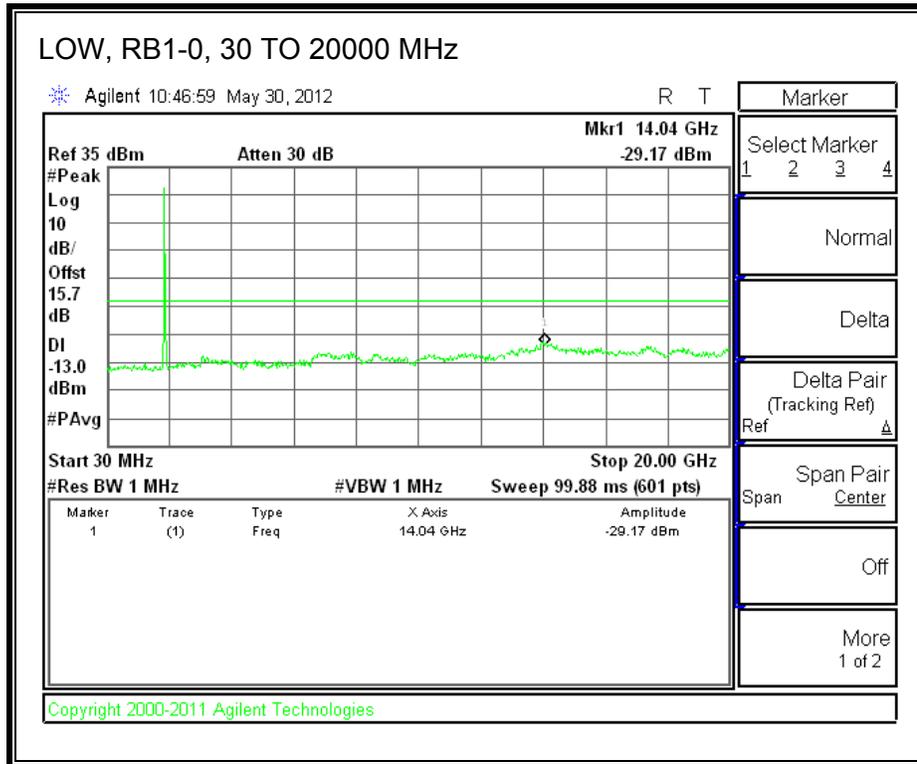
LTE 16QAM

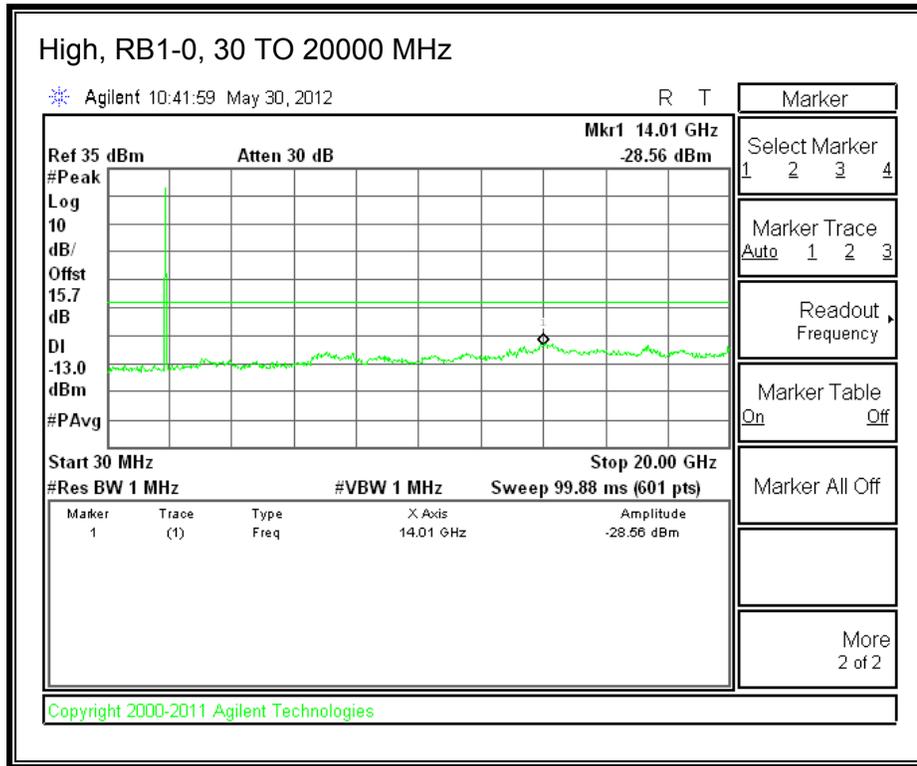




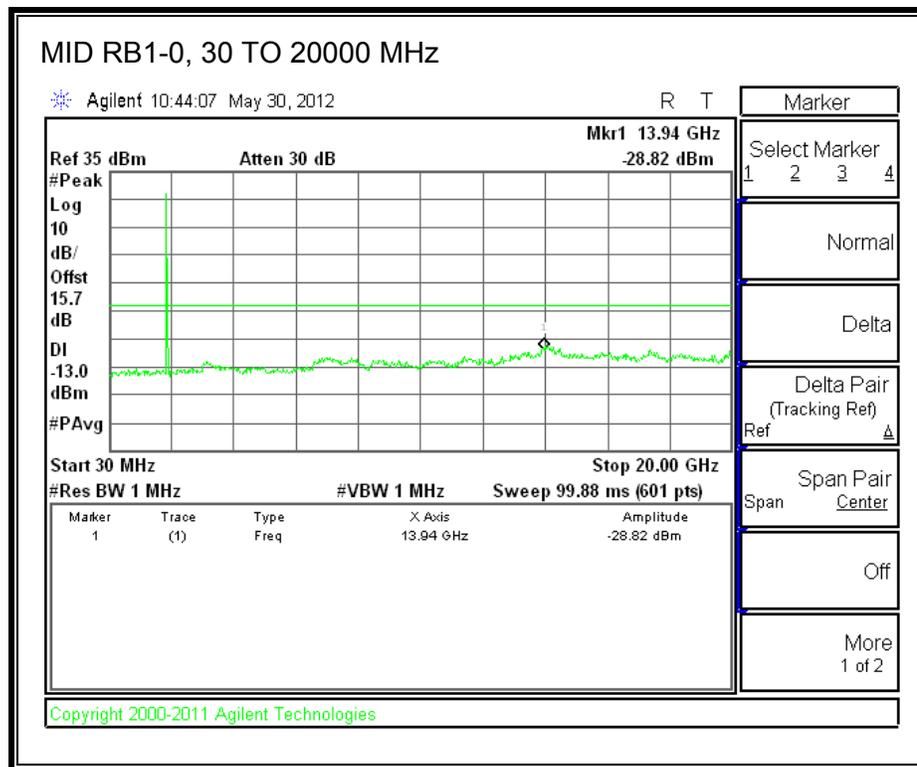
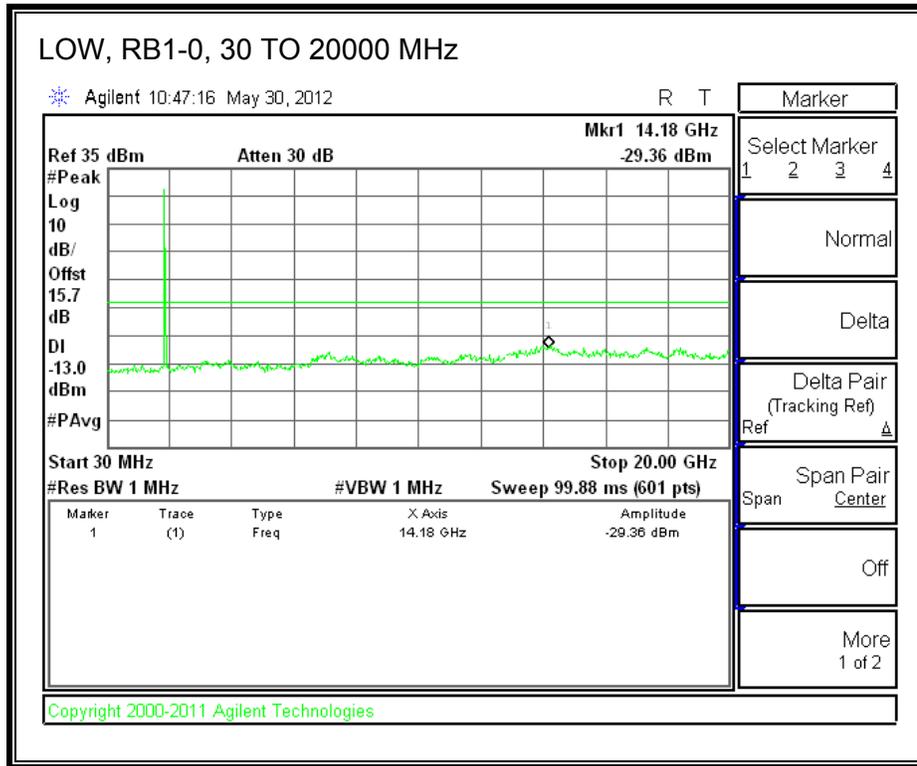
Band 2 (15.0 MHz BAND WIDTH)

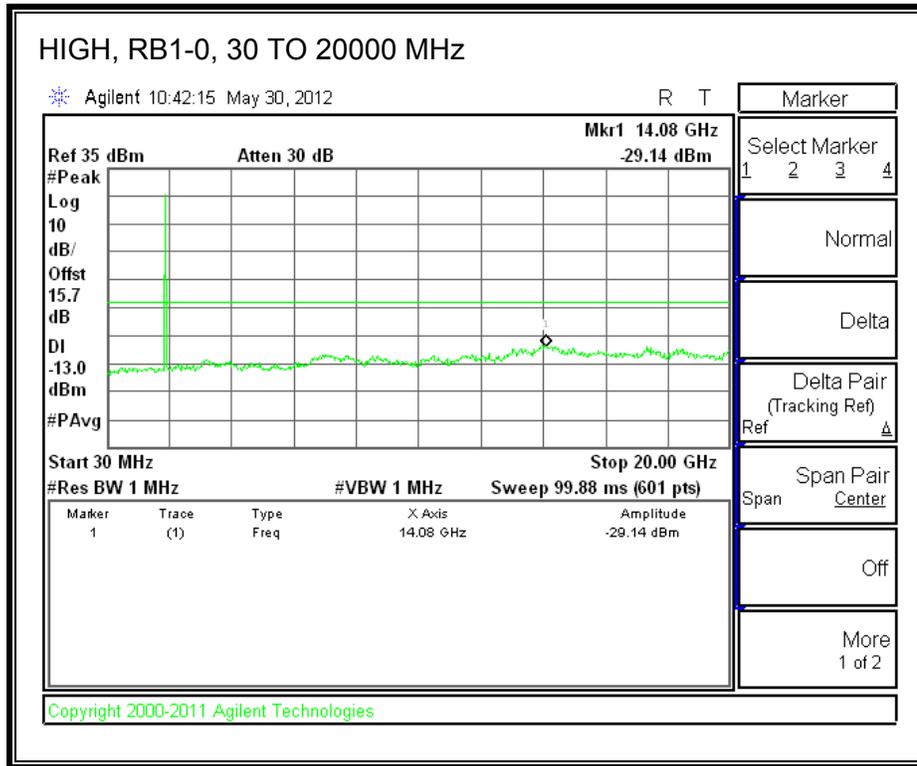
LTE QPSK





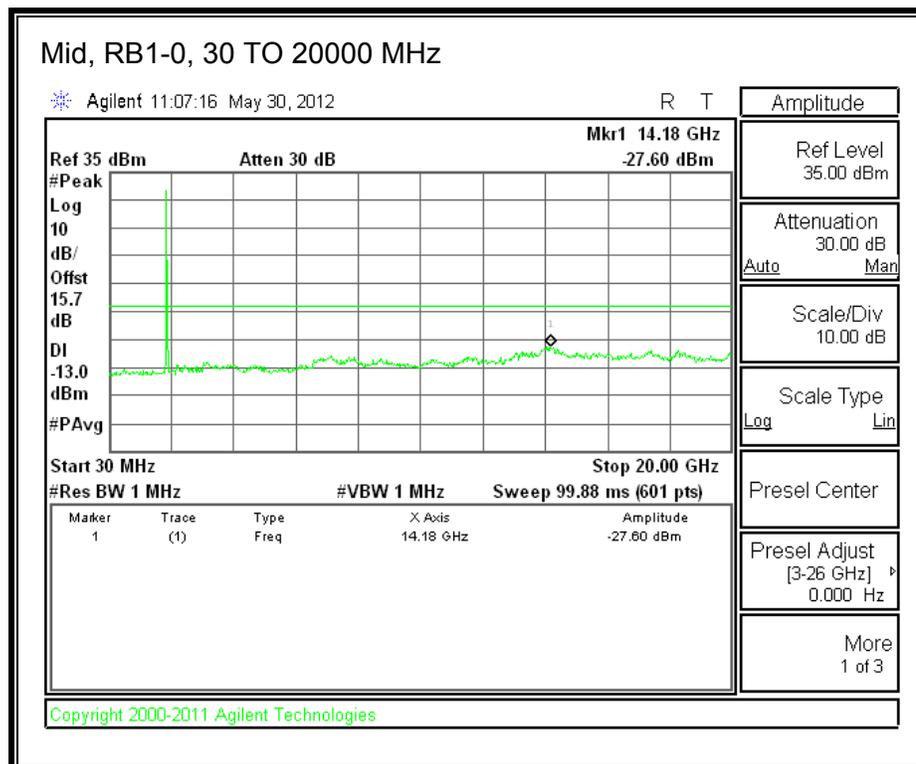
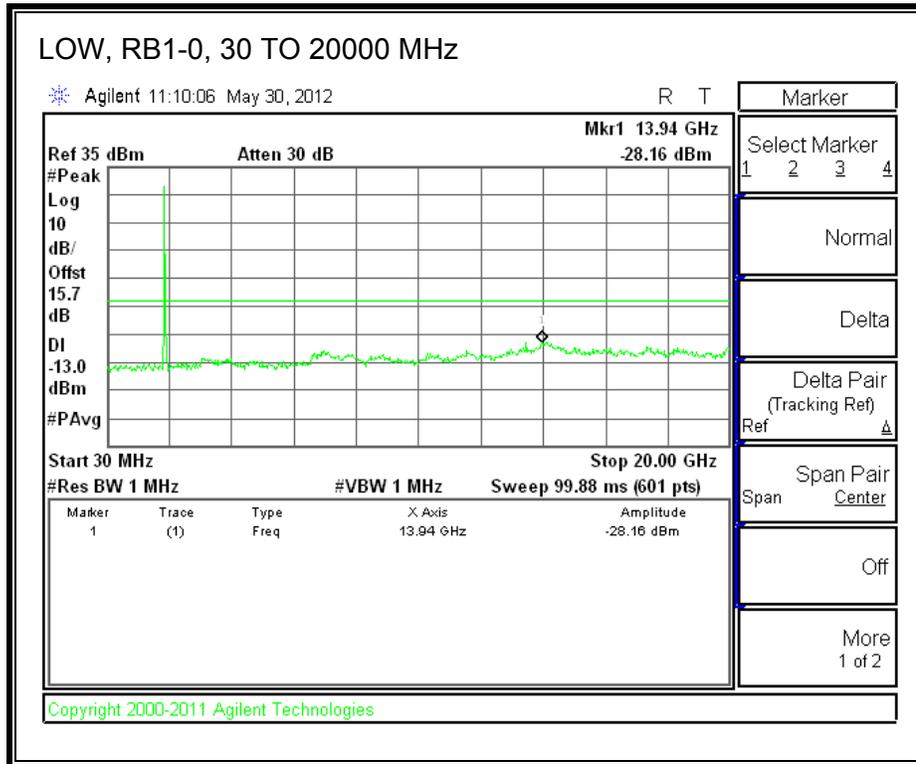
LTE 16QAM

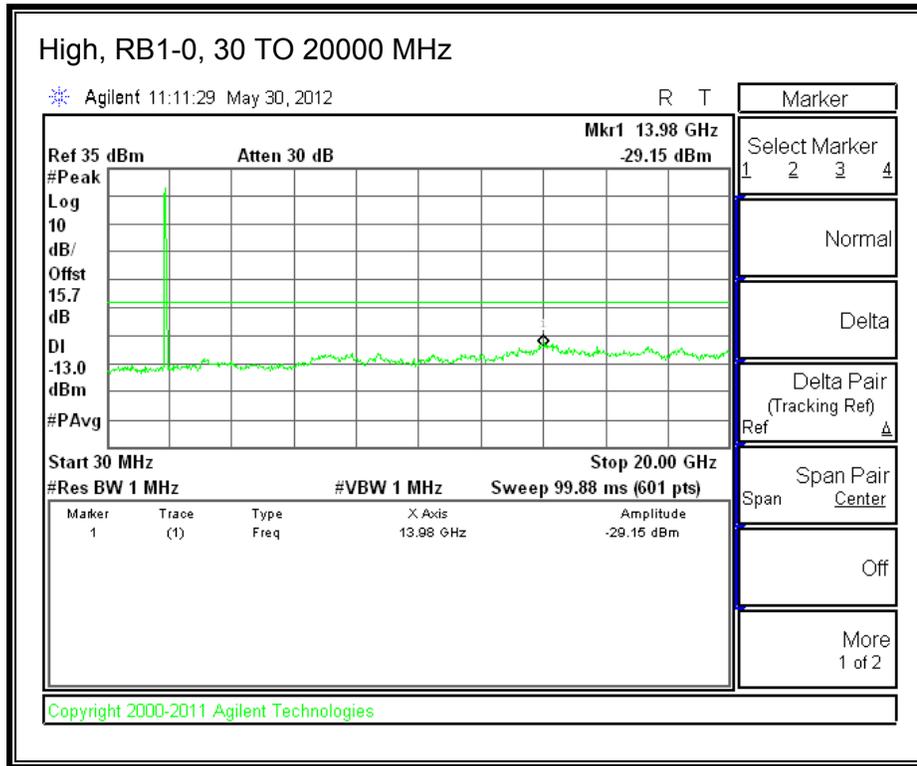




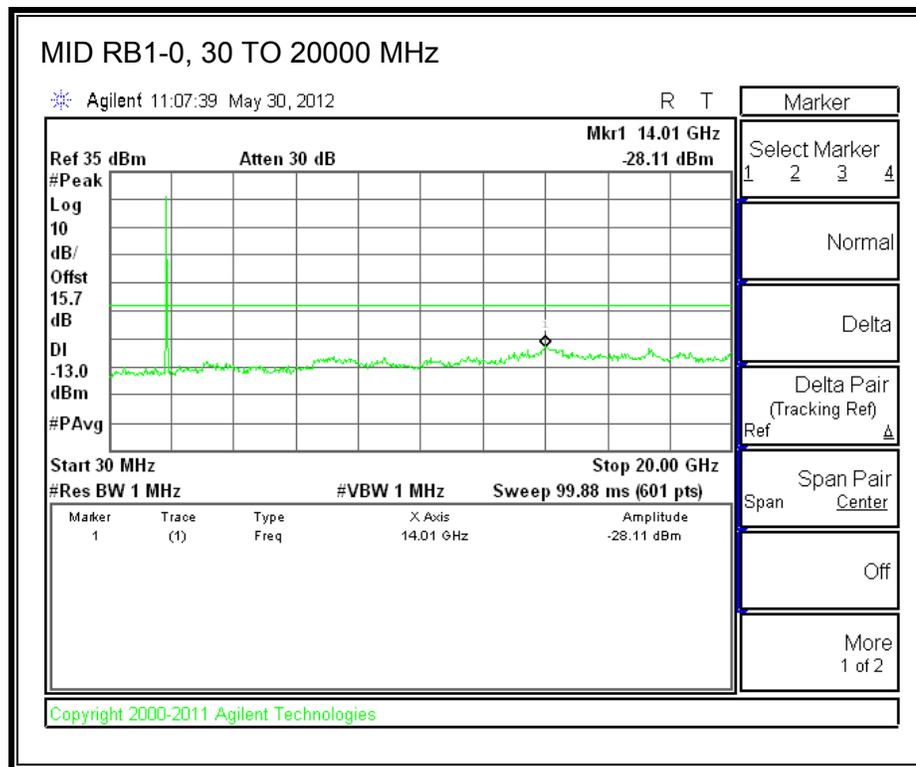
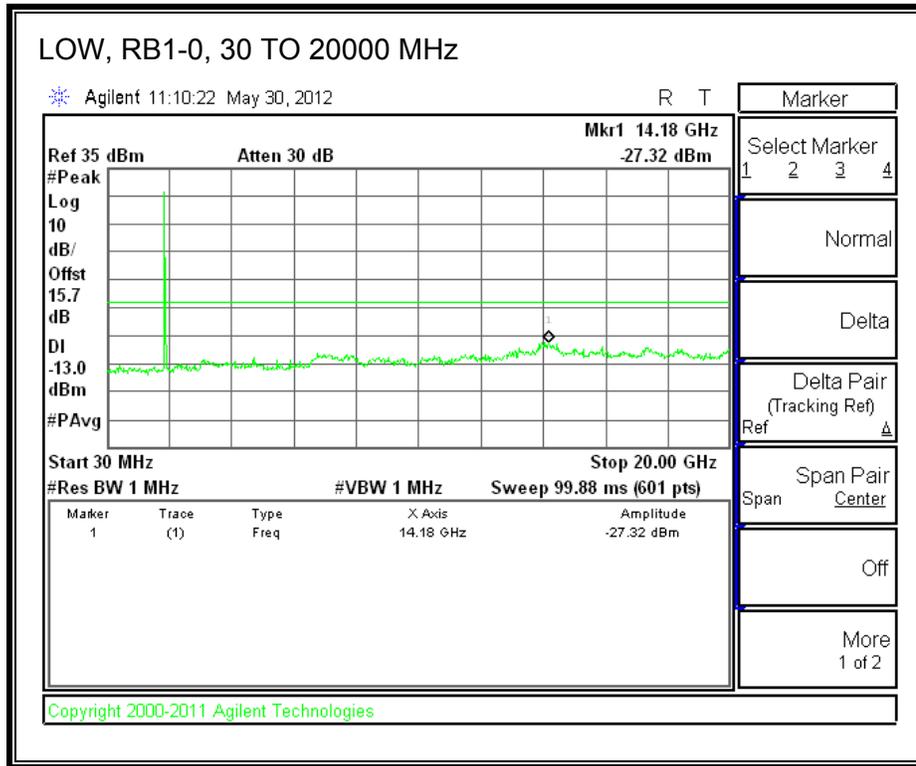
Band 2 (20.0 MHz BAND WIDTH)

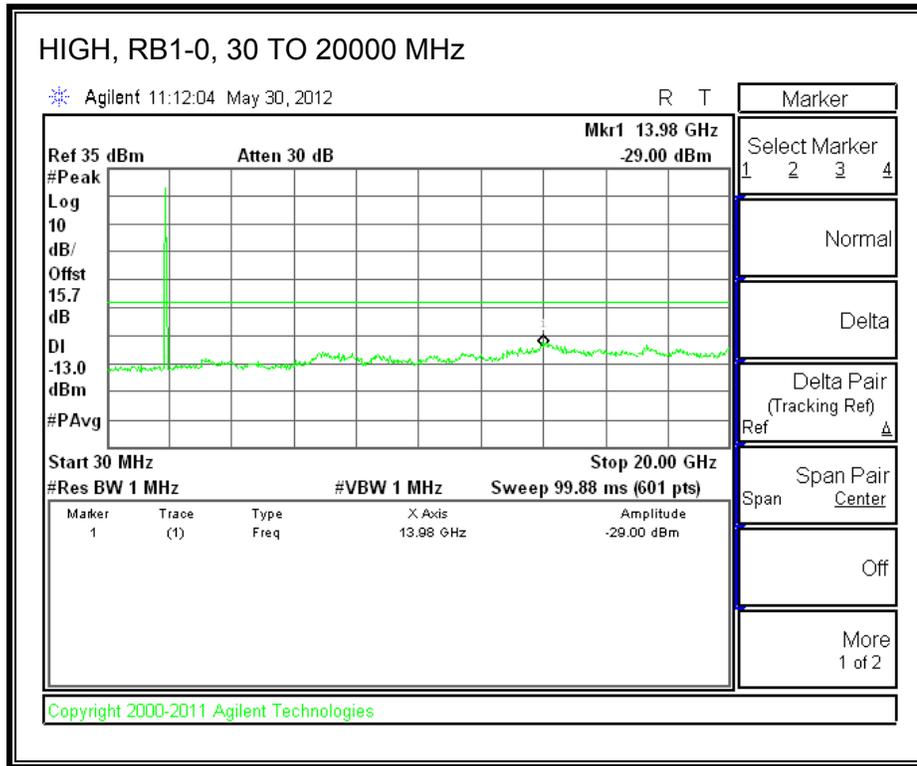
LTE QPSK





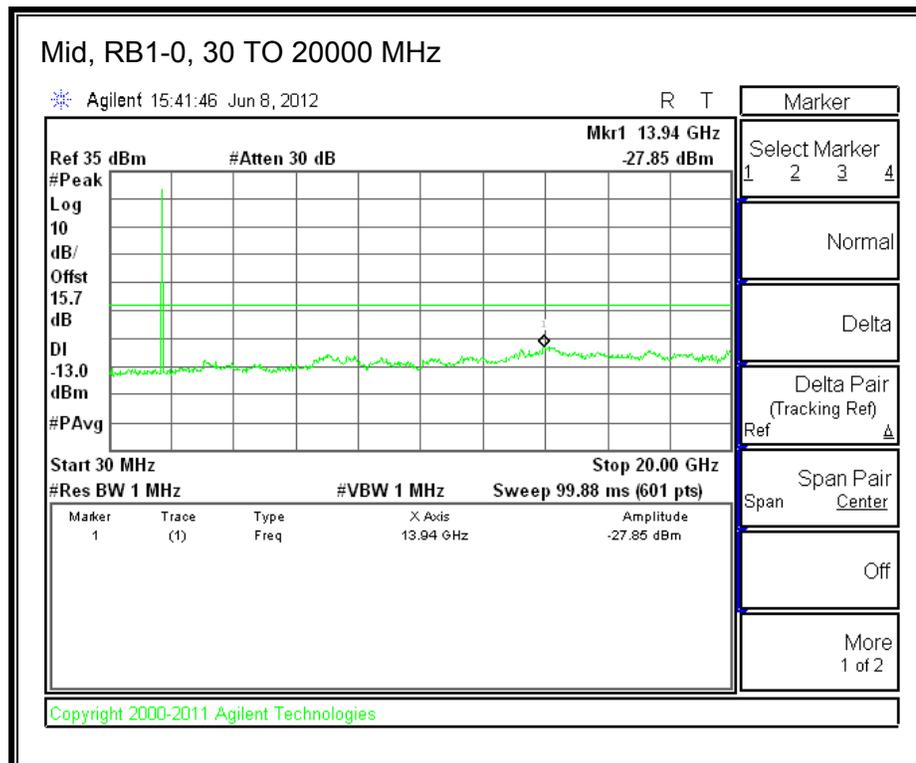
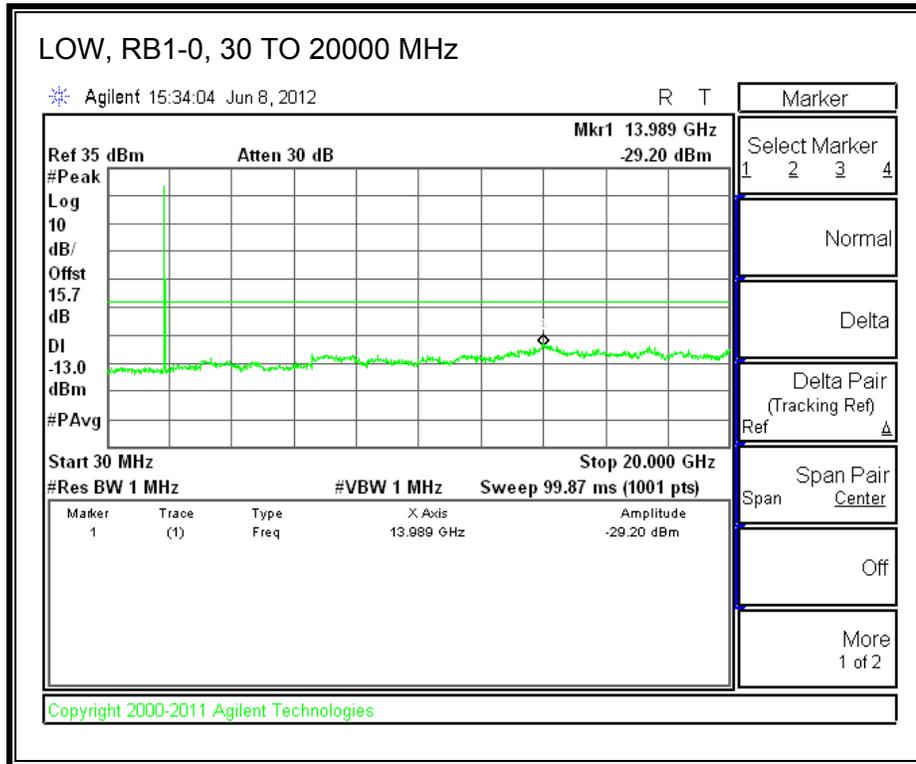
LTE 16QAM

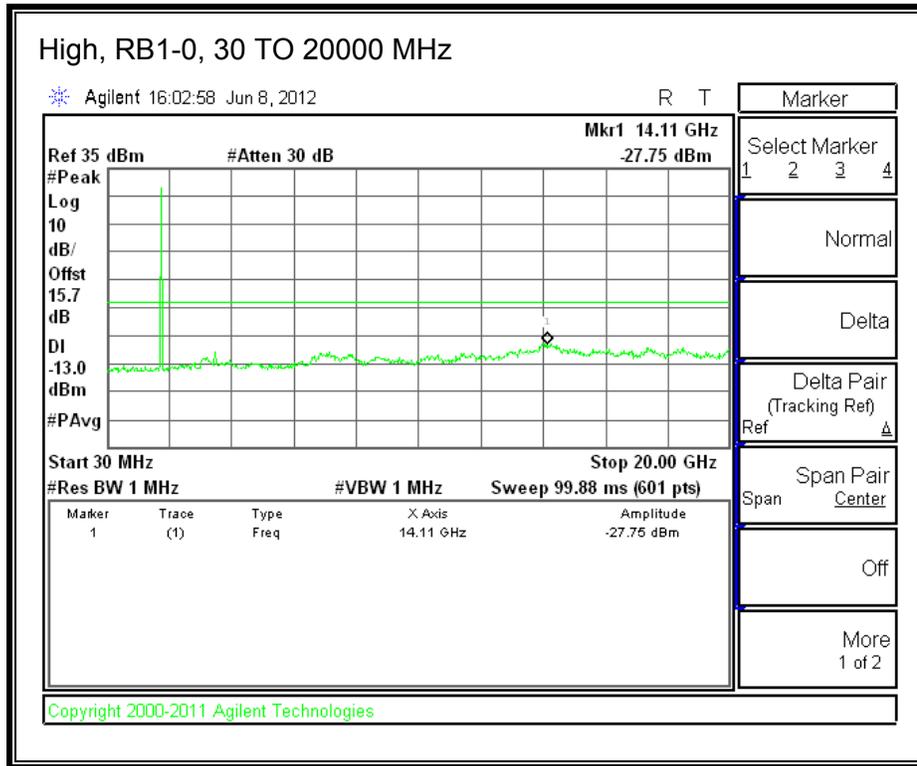




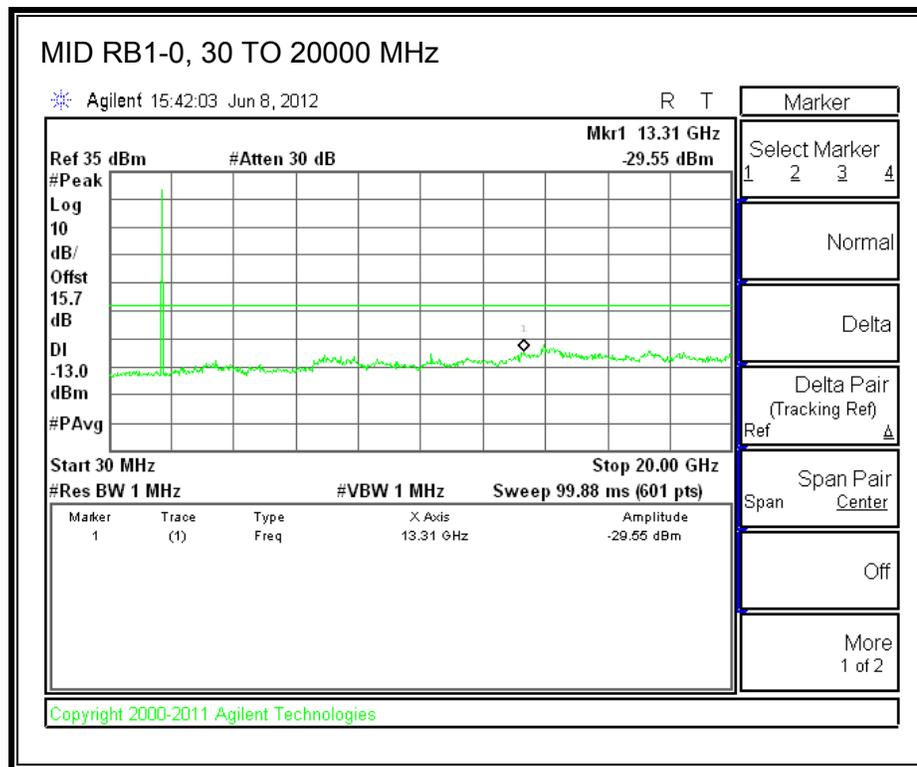
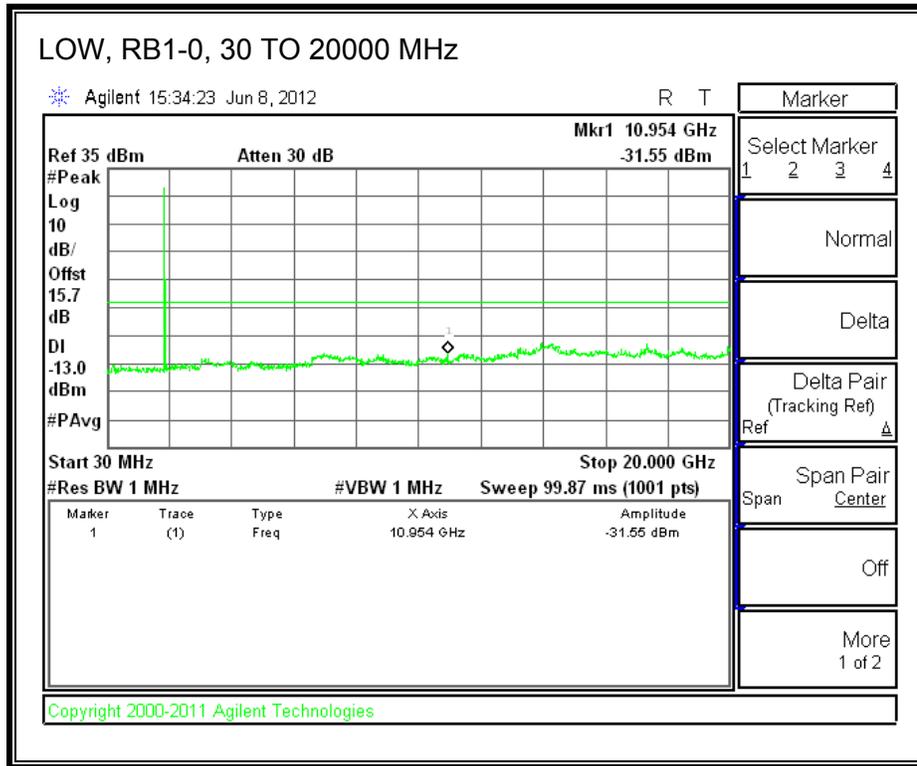
8.3.2. A1428 LAT PORT LTE BAND 4

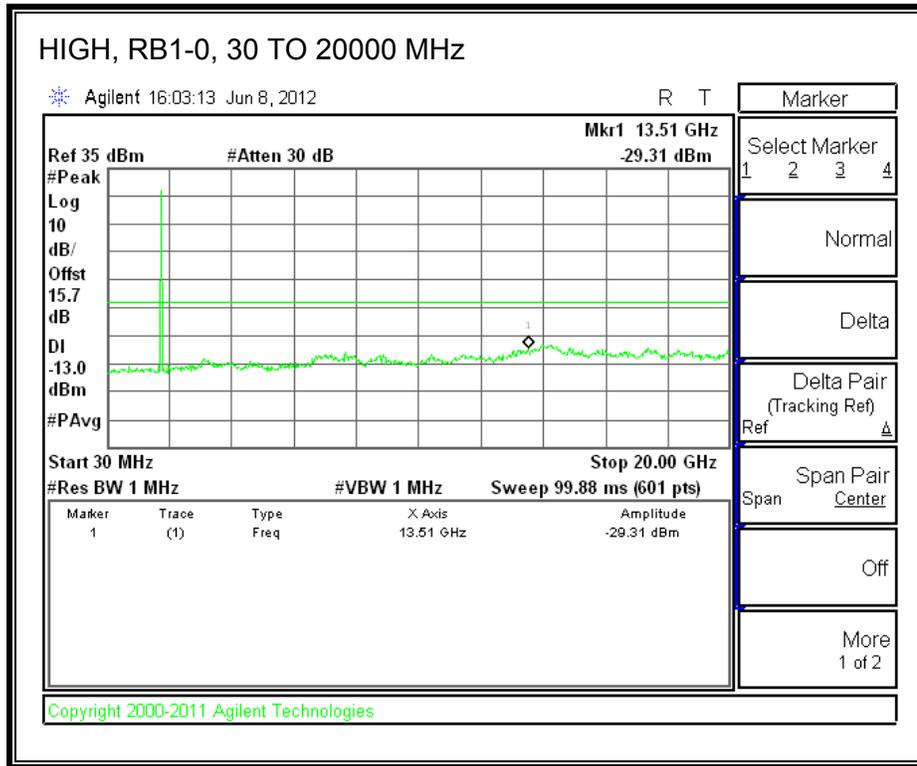
LTE QPSK (1.4 MHz BAND WIDTH)





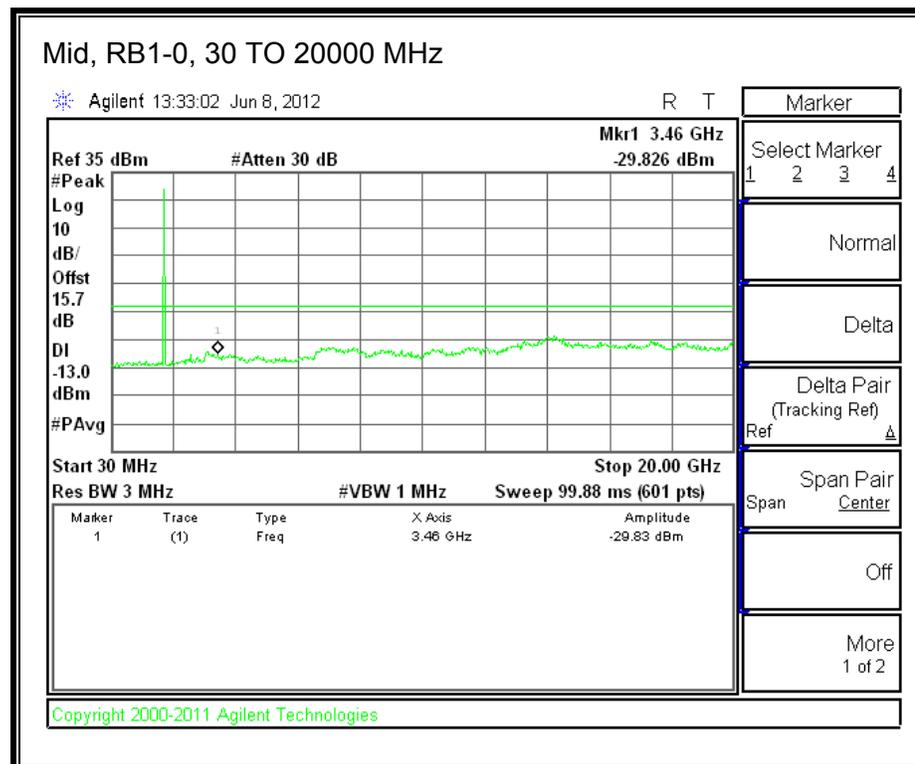
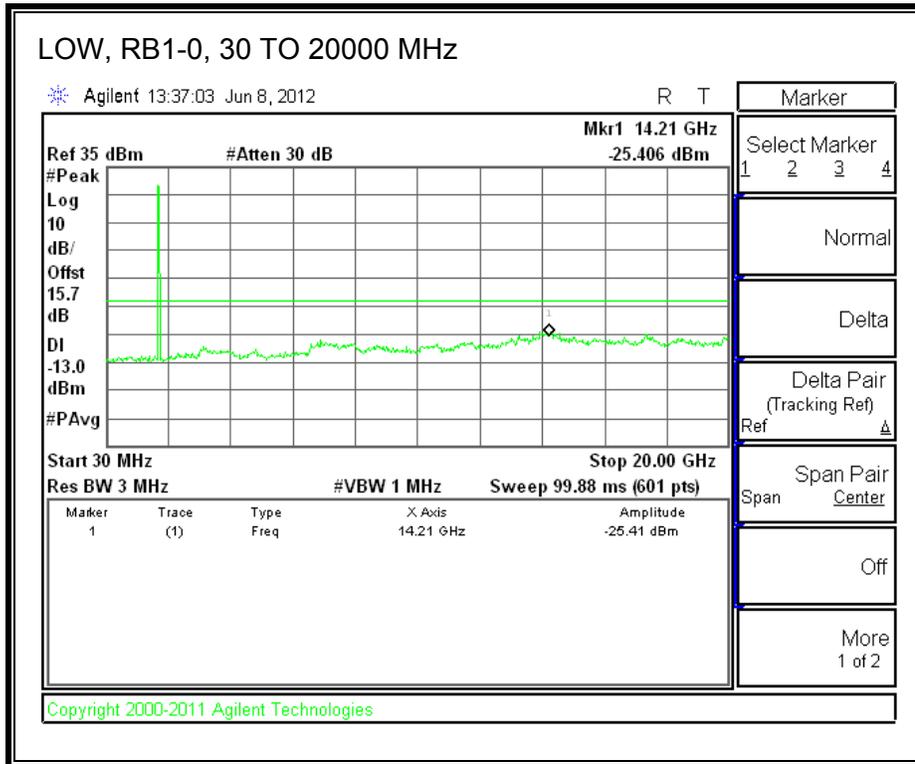
LTE 16QAM

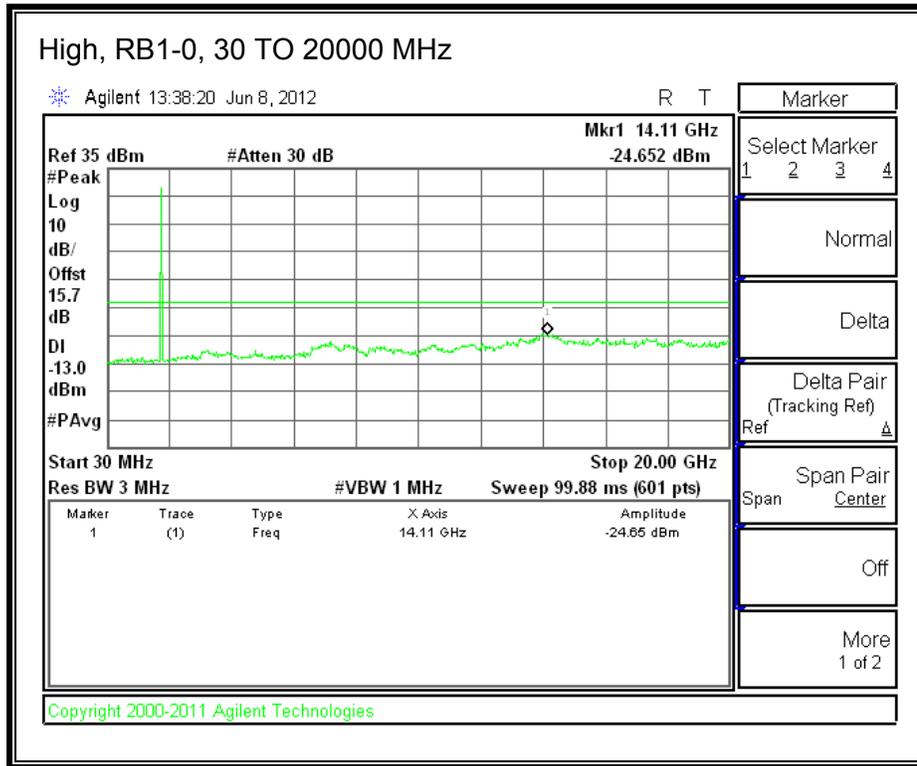




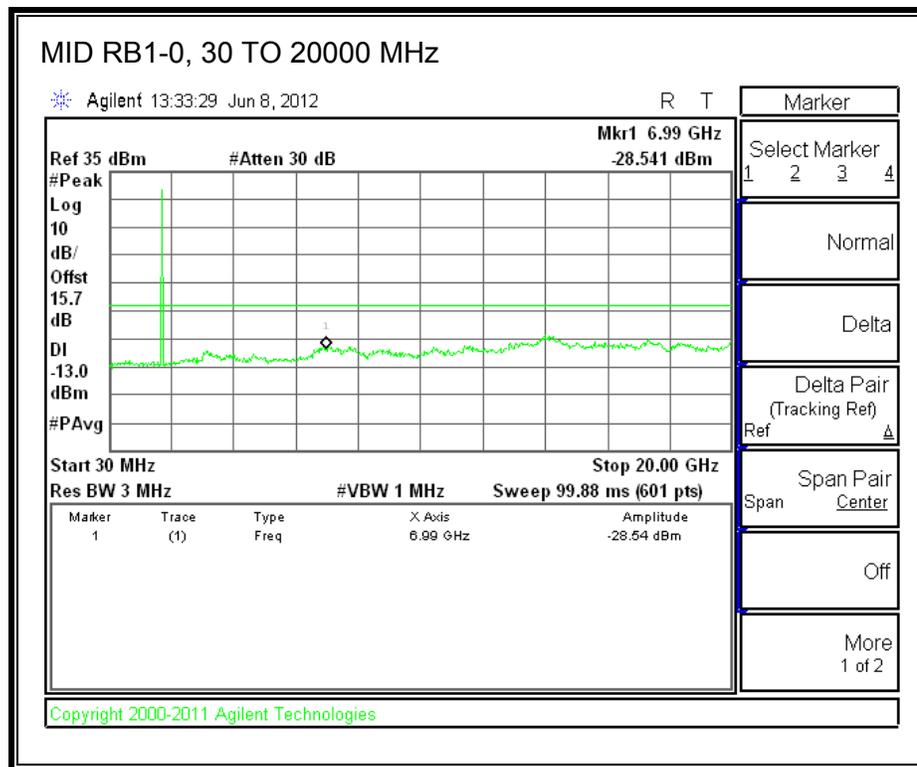
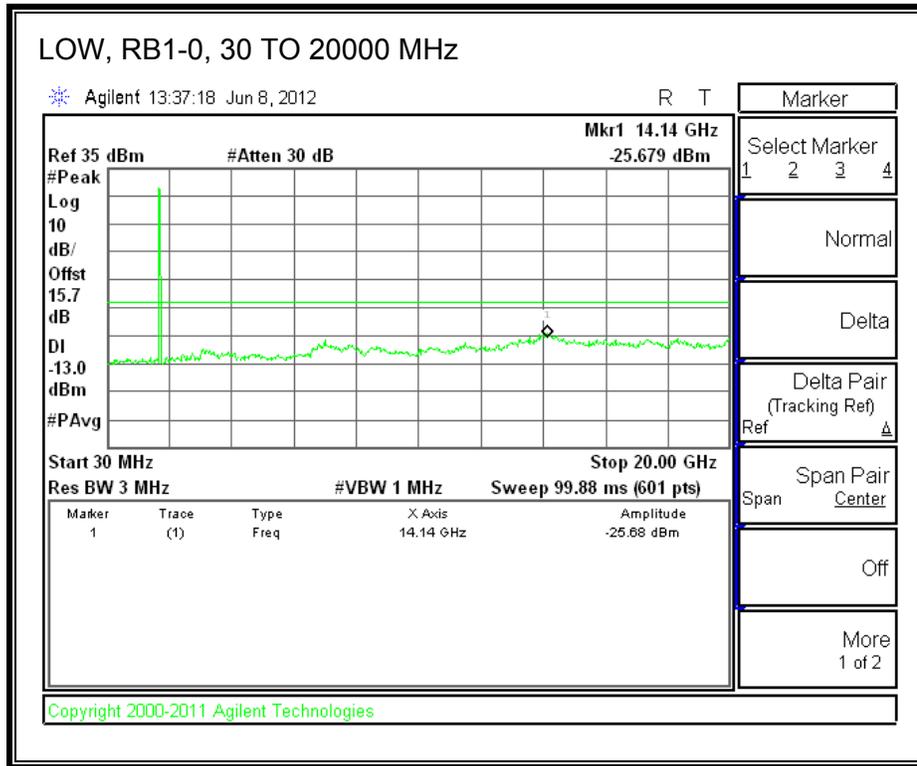
Band 4 (3.0 MHz BAND WIDTH)

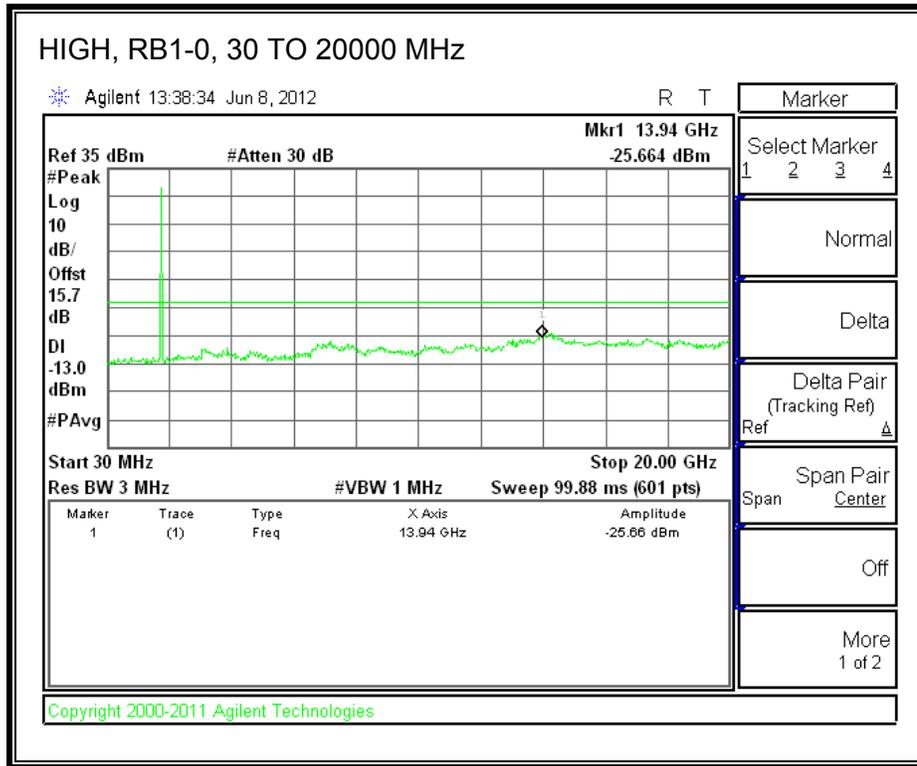
LTE QPSK





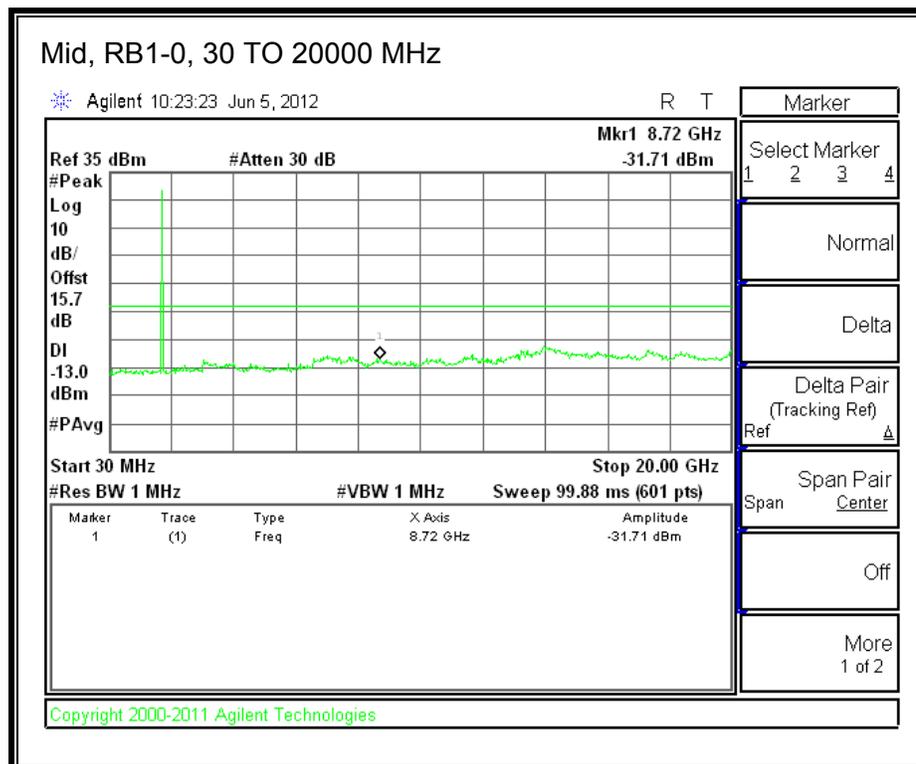
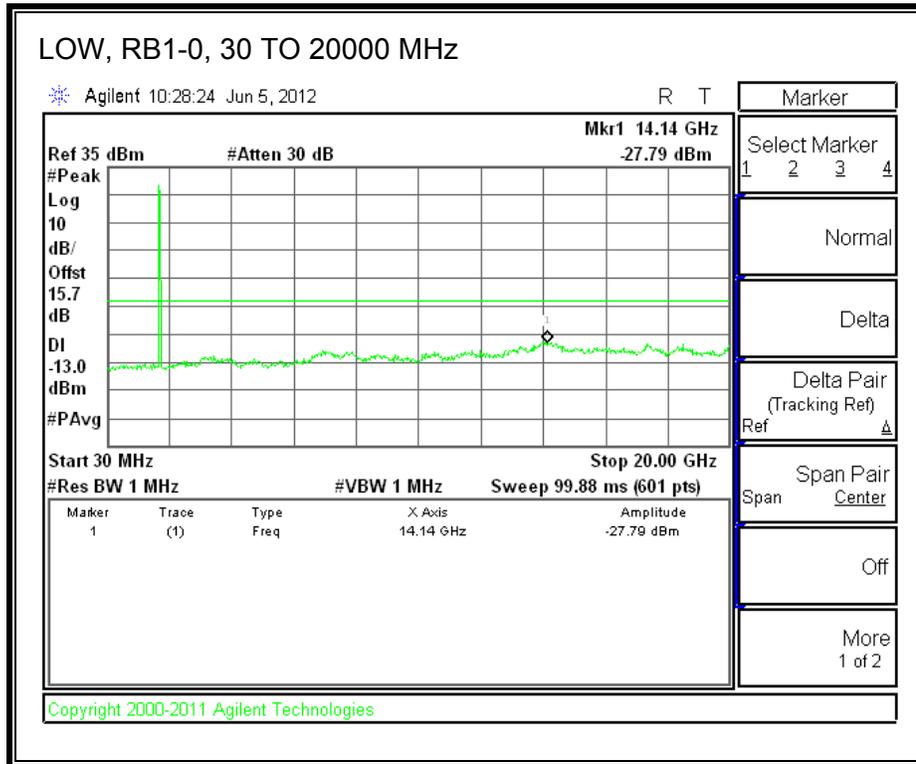
LTE 16QAM

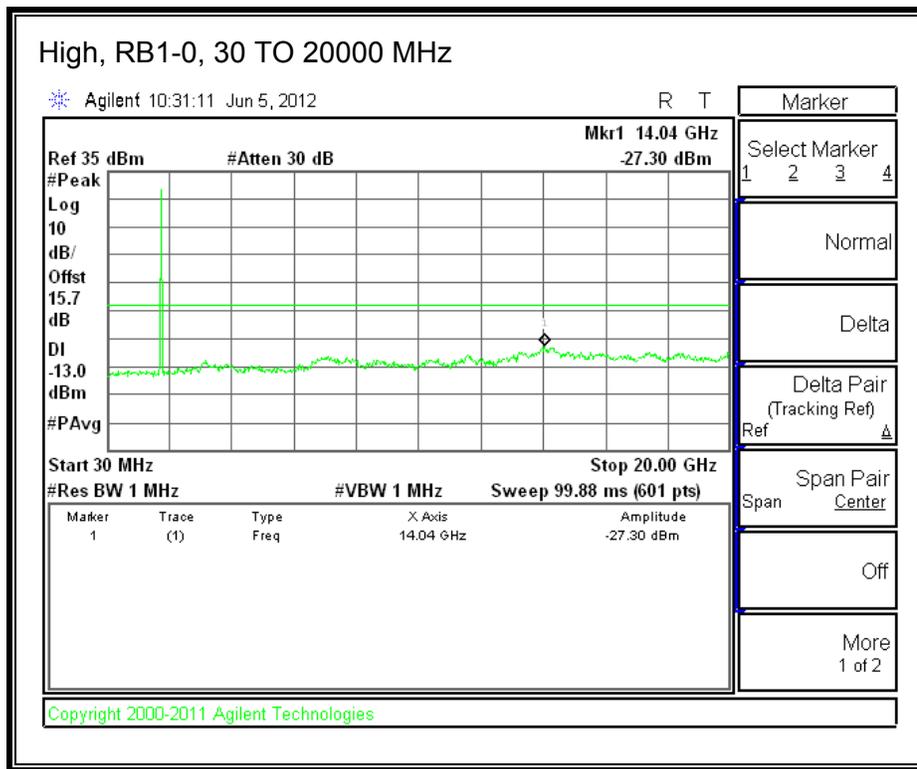




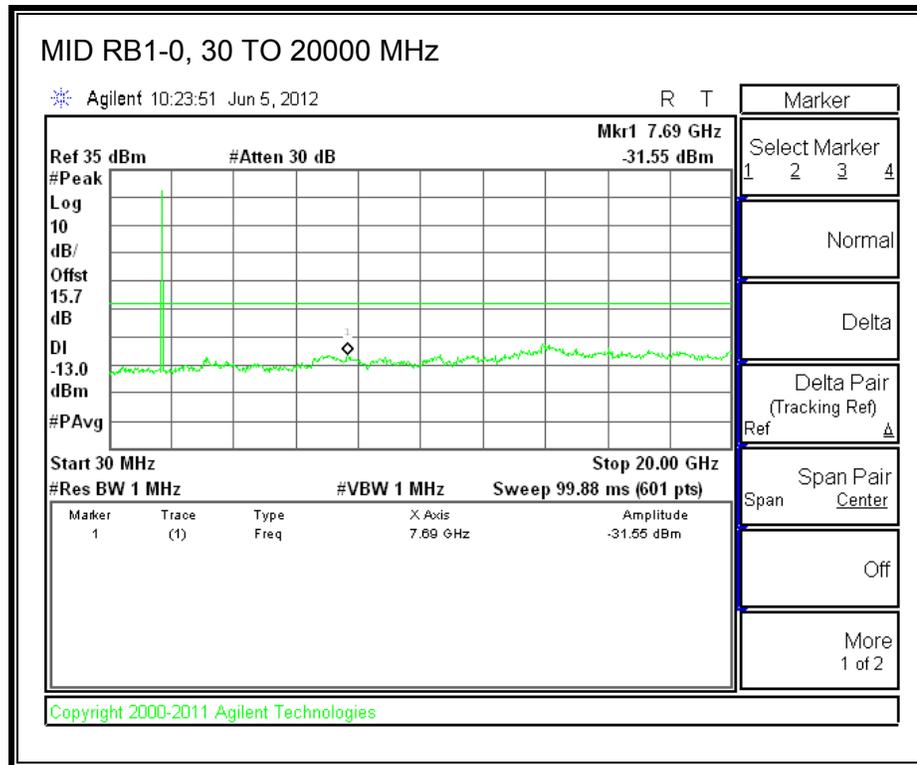
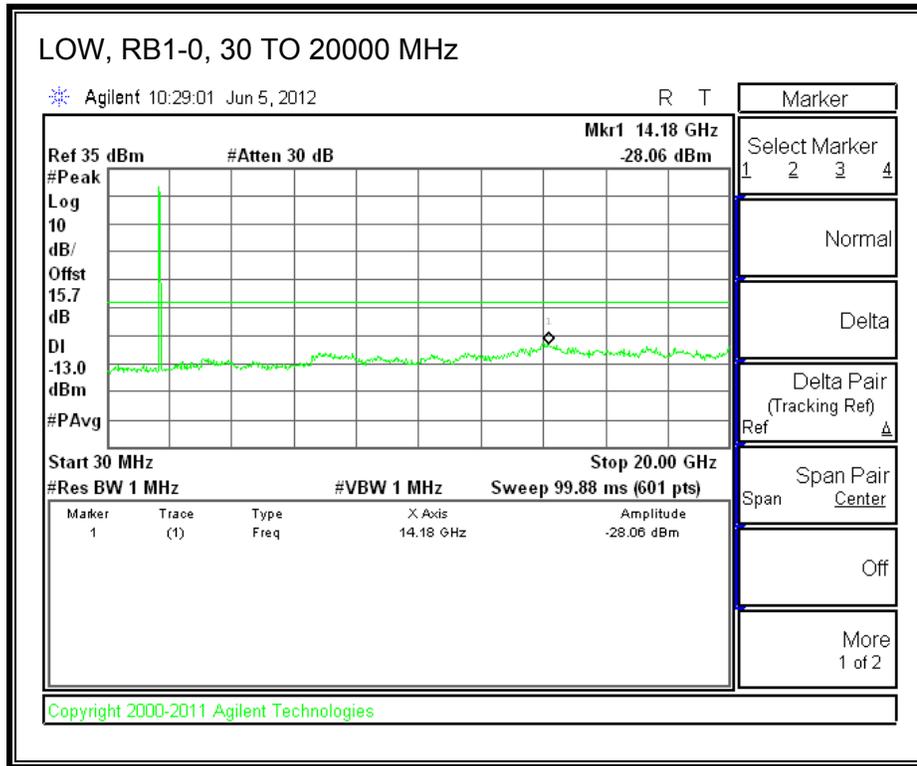
Band 4 (5.0 MHz BAND WIDTH)

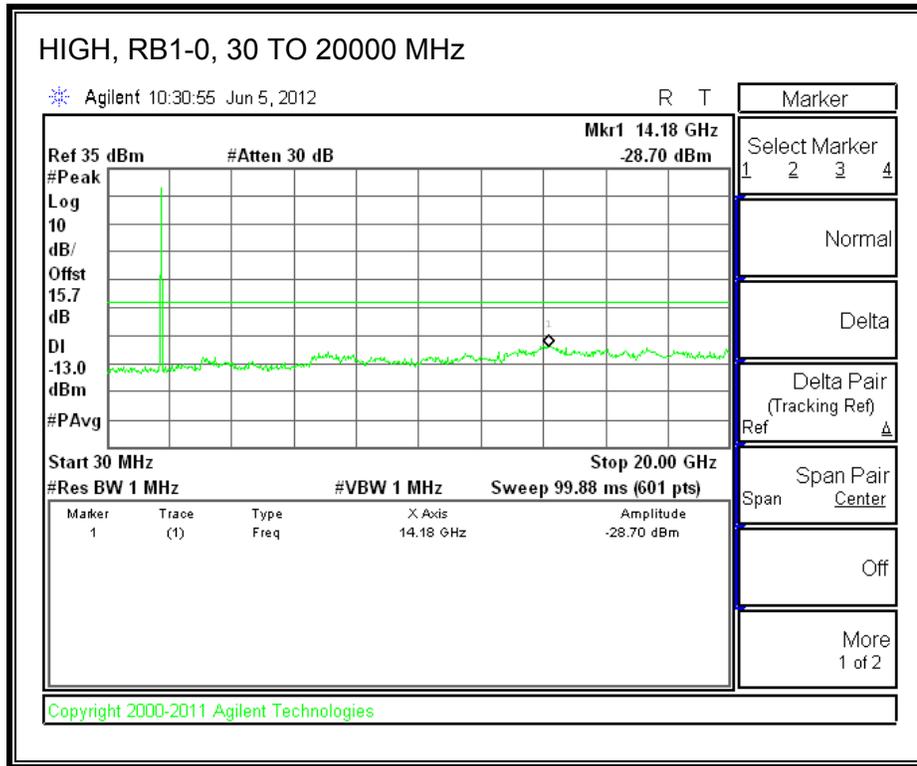
LTE QPSK





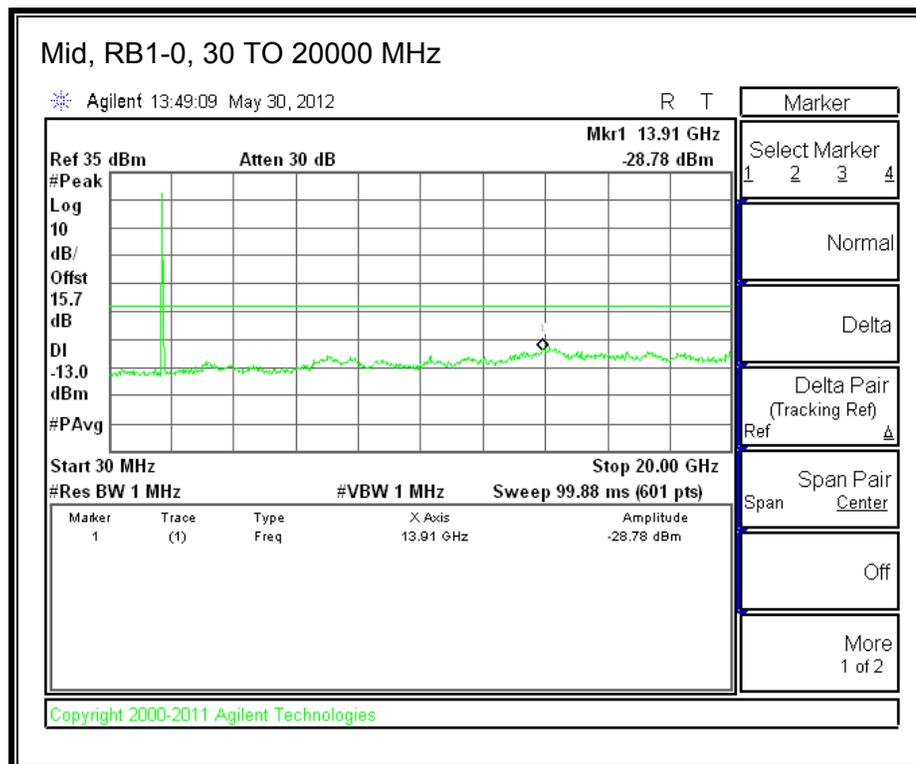
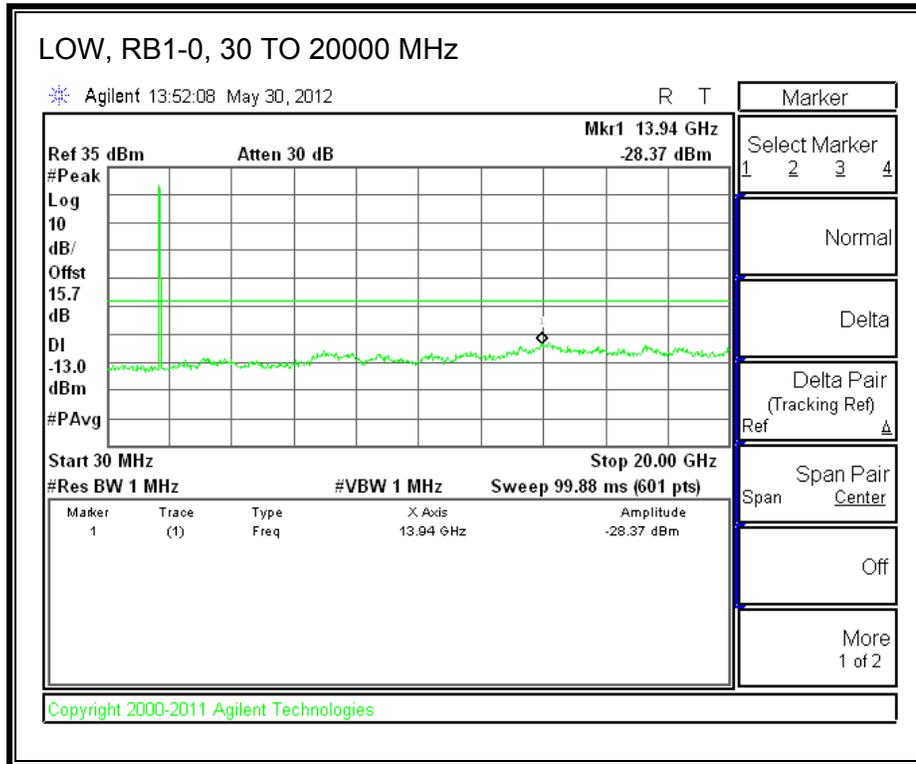
LTE 16QAM

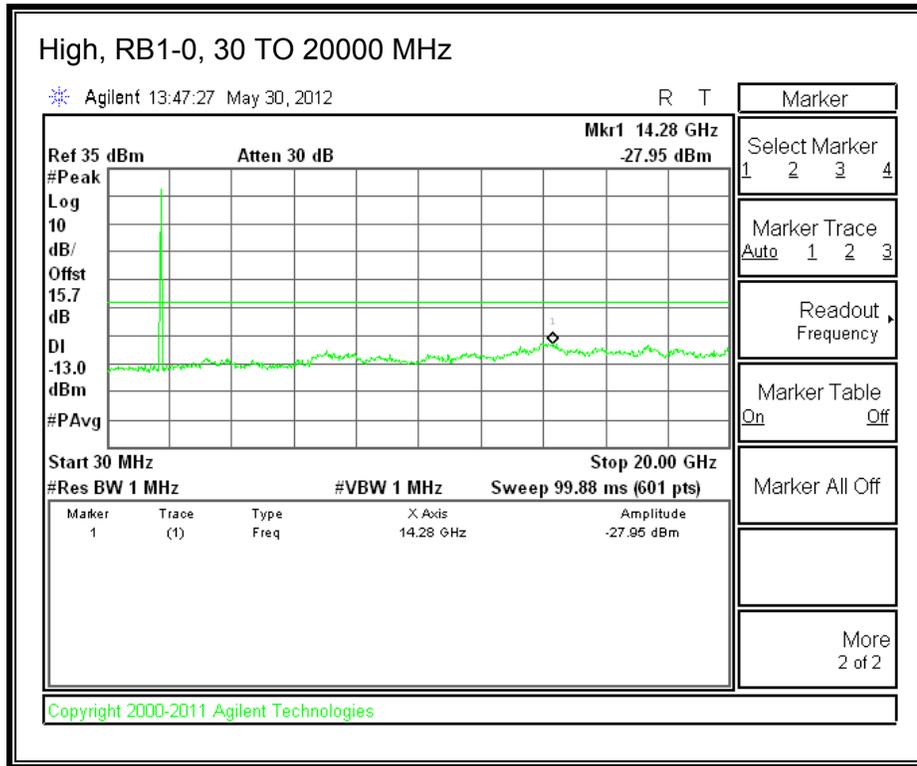




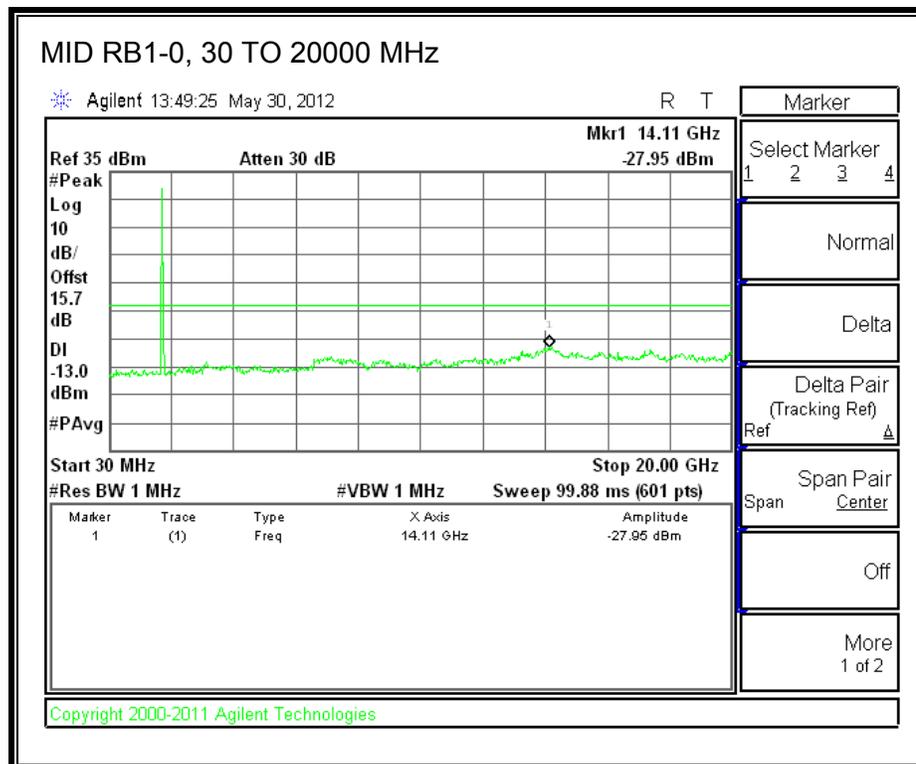
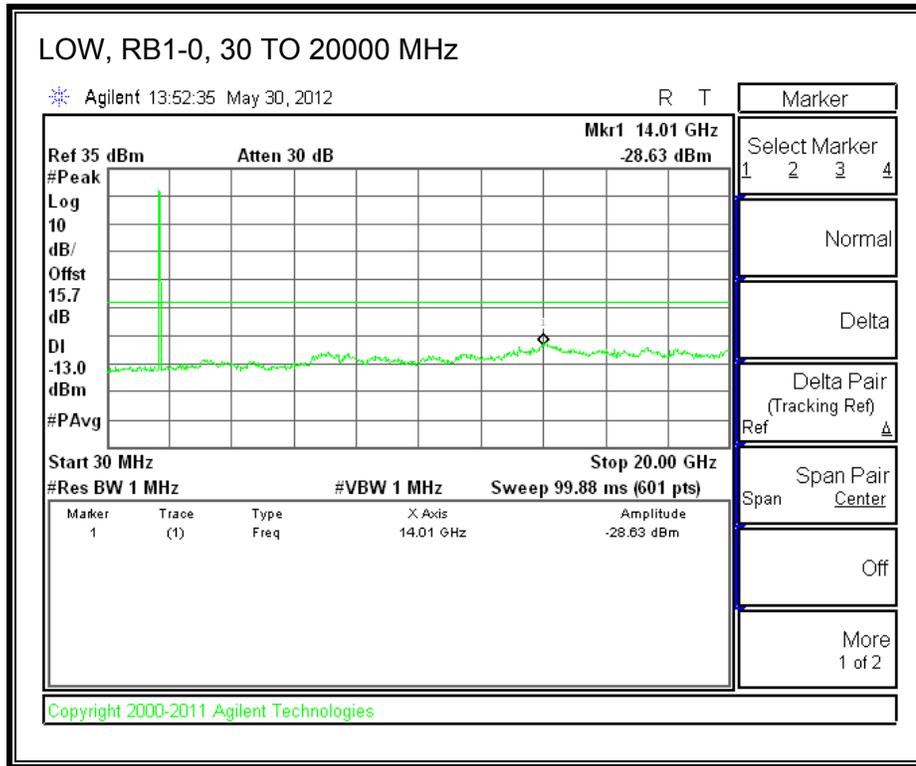
Band 4 (10.0 MHz BAND WIDTH)

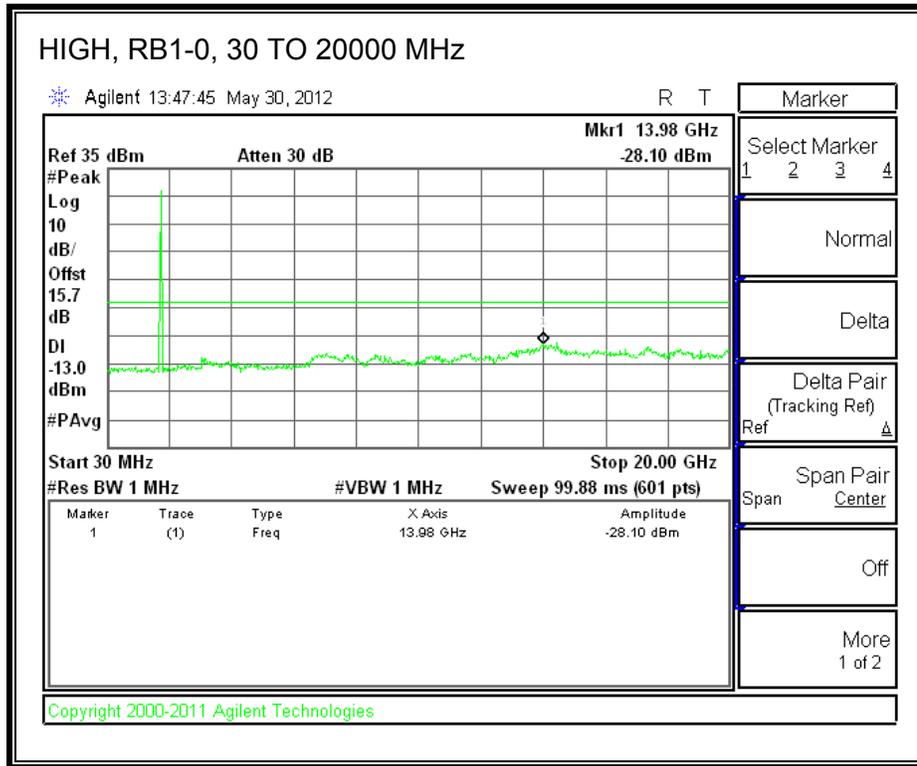
LTE QPSK





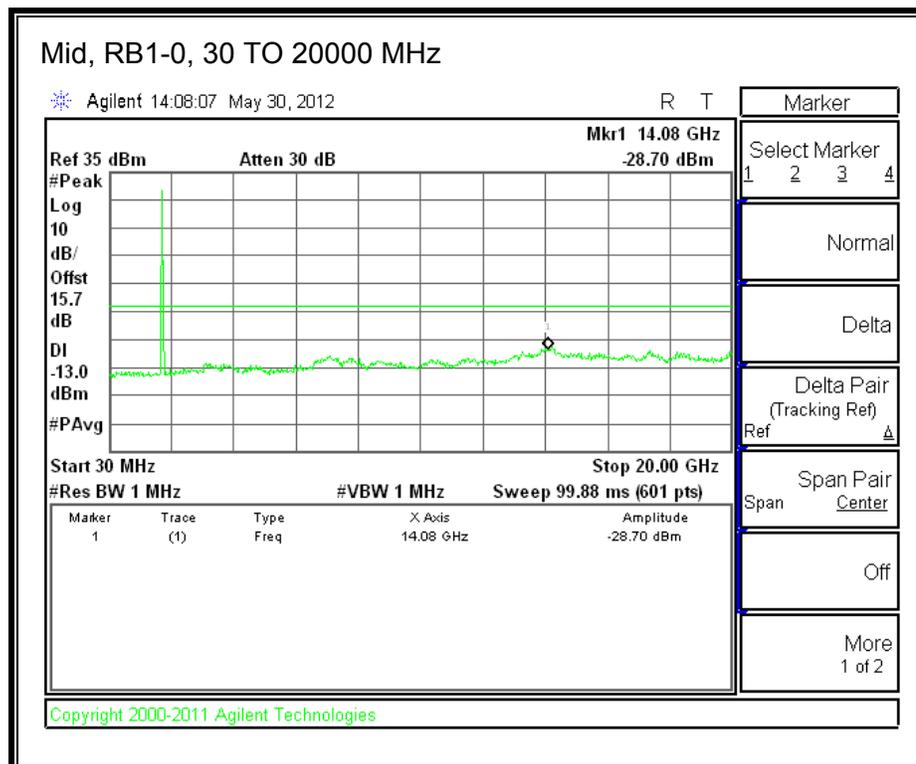
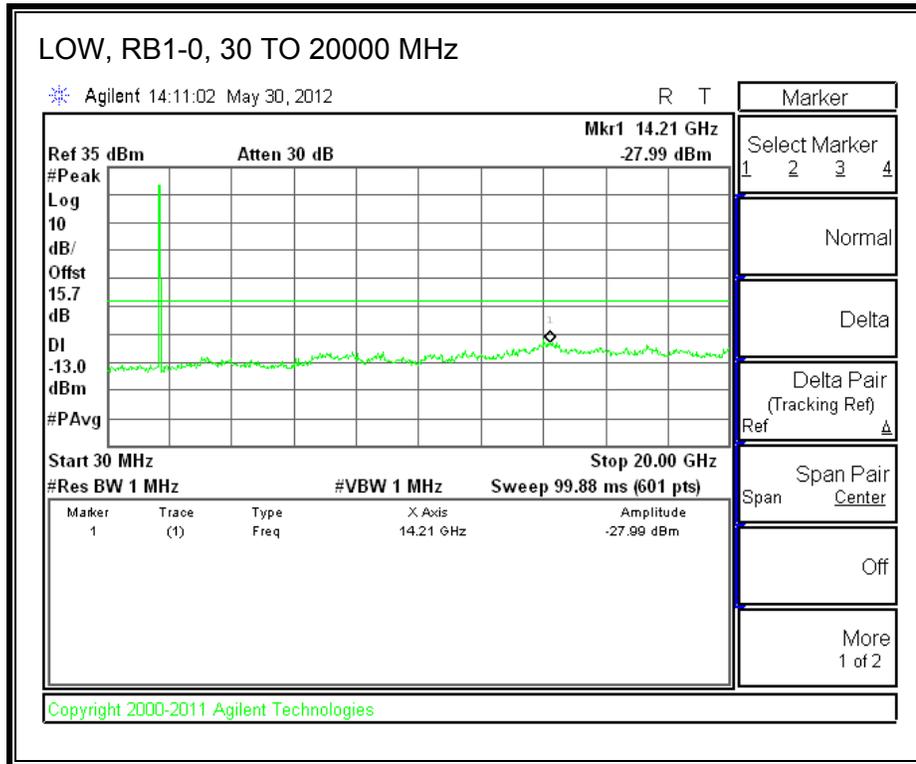
LTE 16QAM

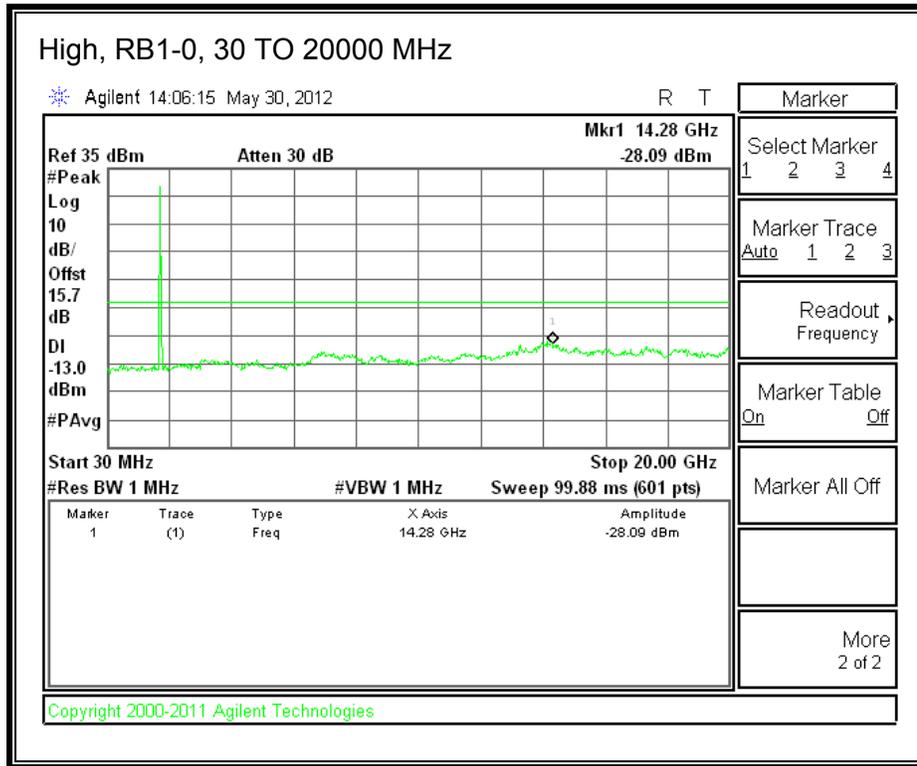




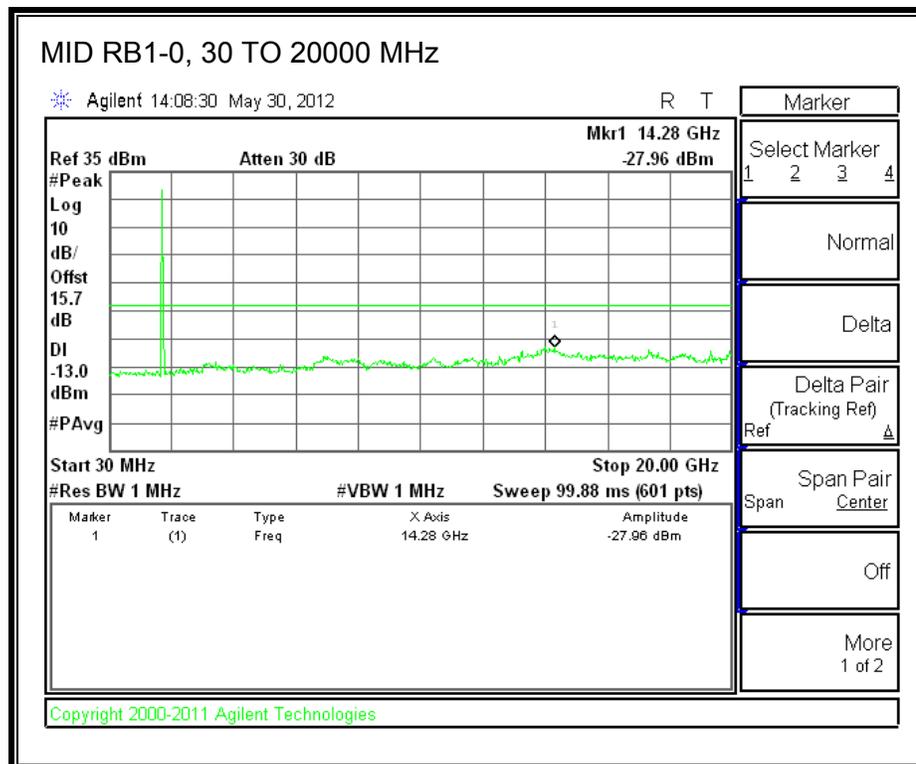
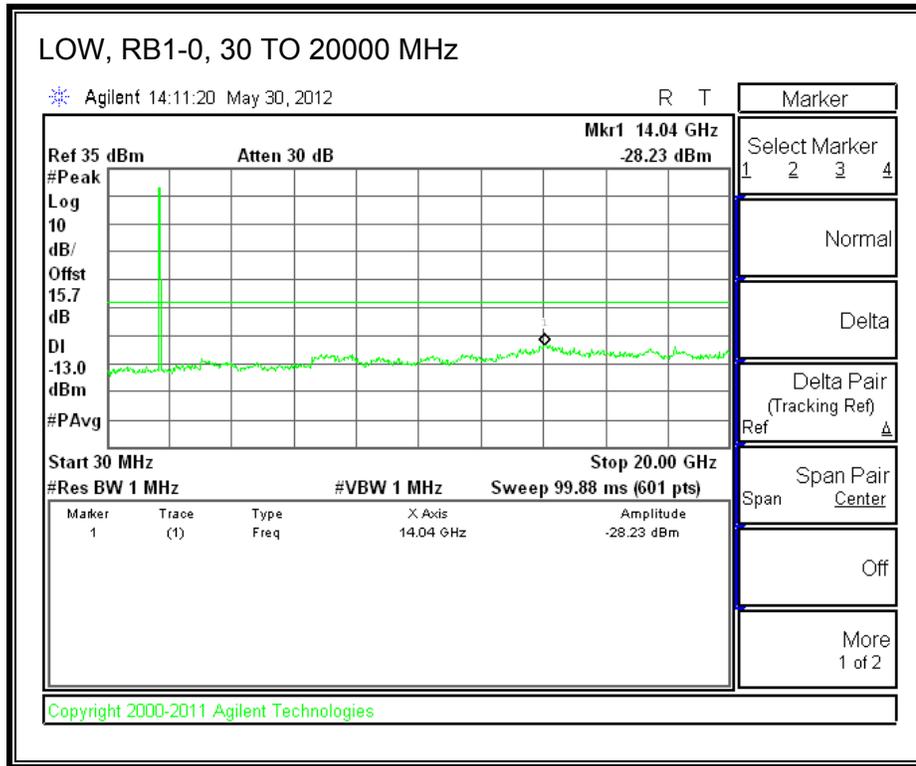
Band 4 (15.0 MHz BAND WIDTH)

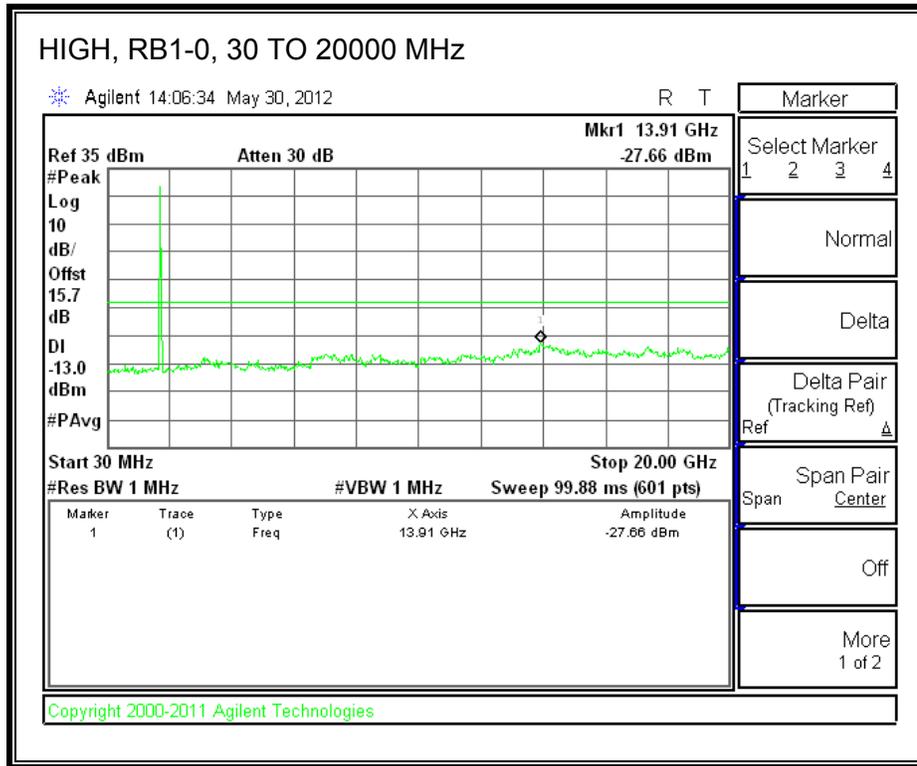
LTE QPSK





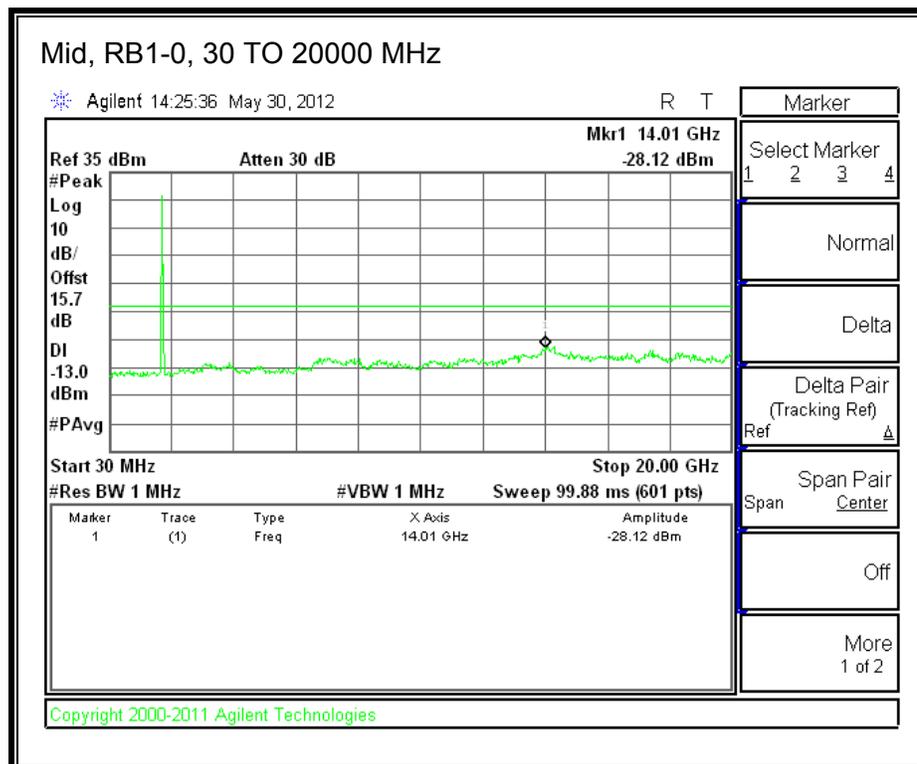
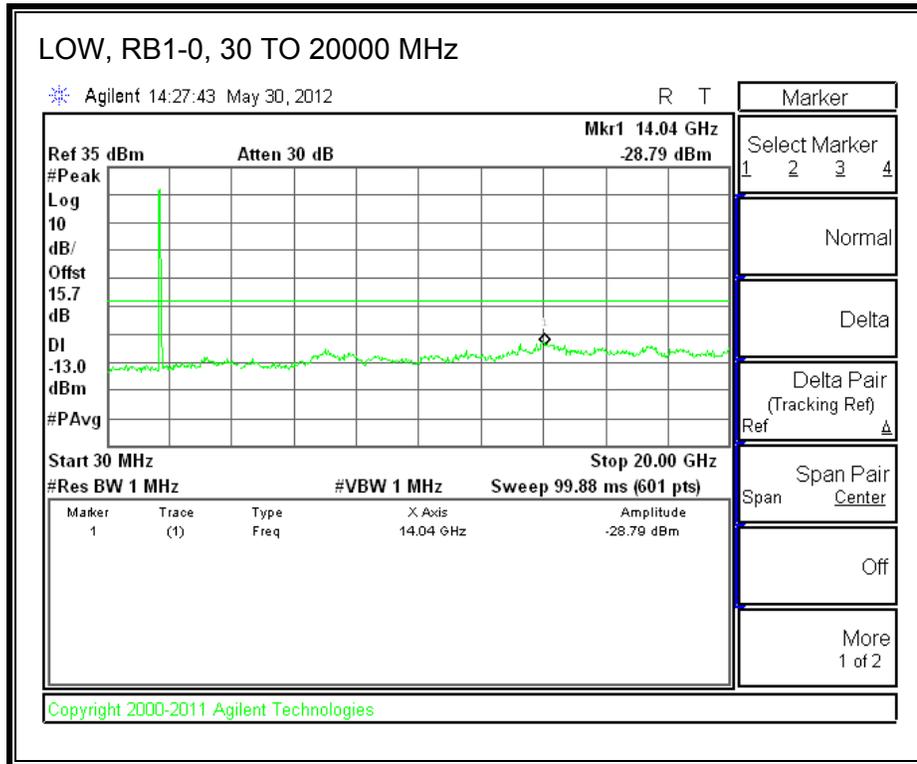
LTE 16QAM

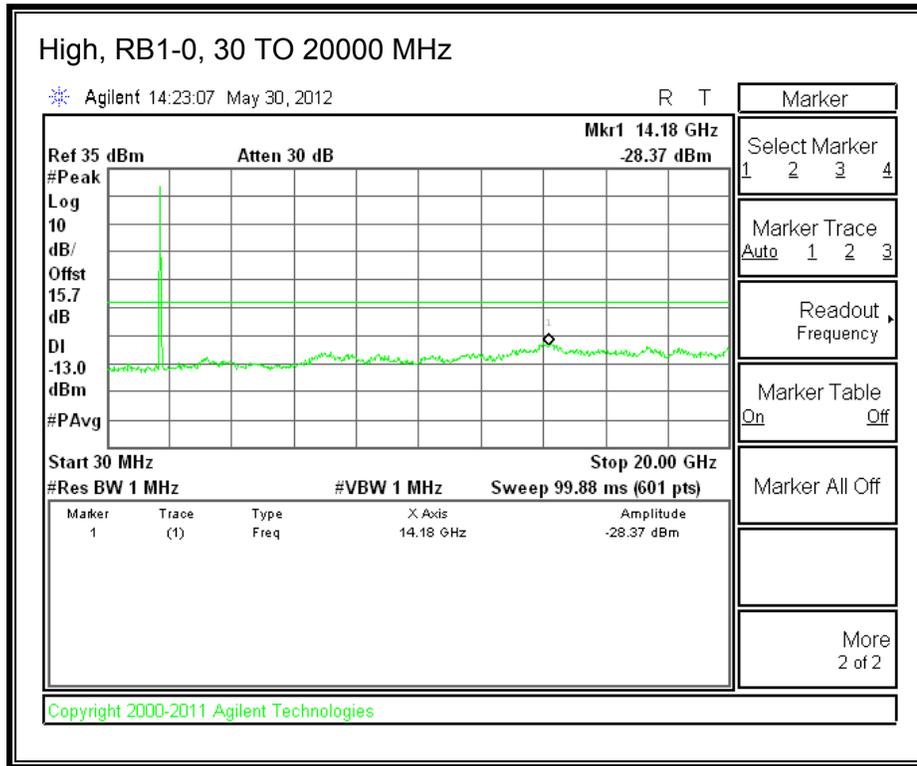




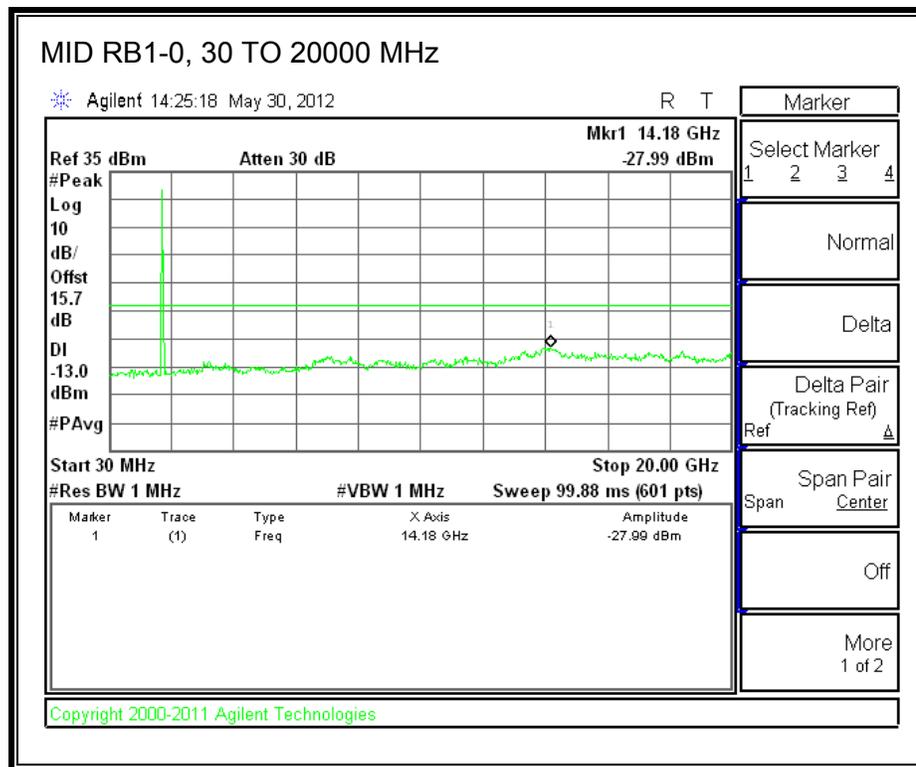
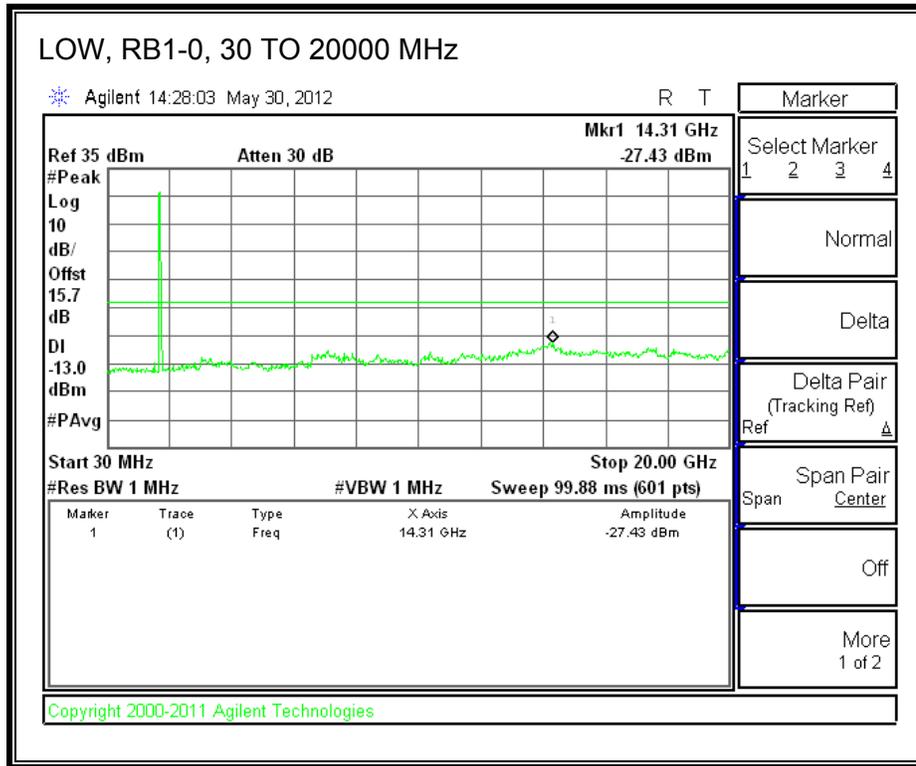
Band 4 (20.0 MHz BAND WIDTH)

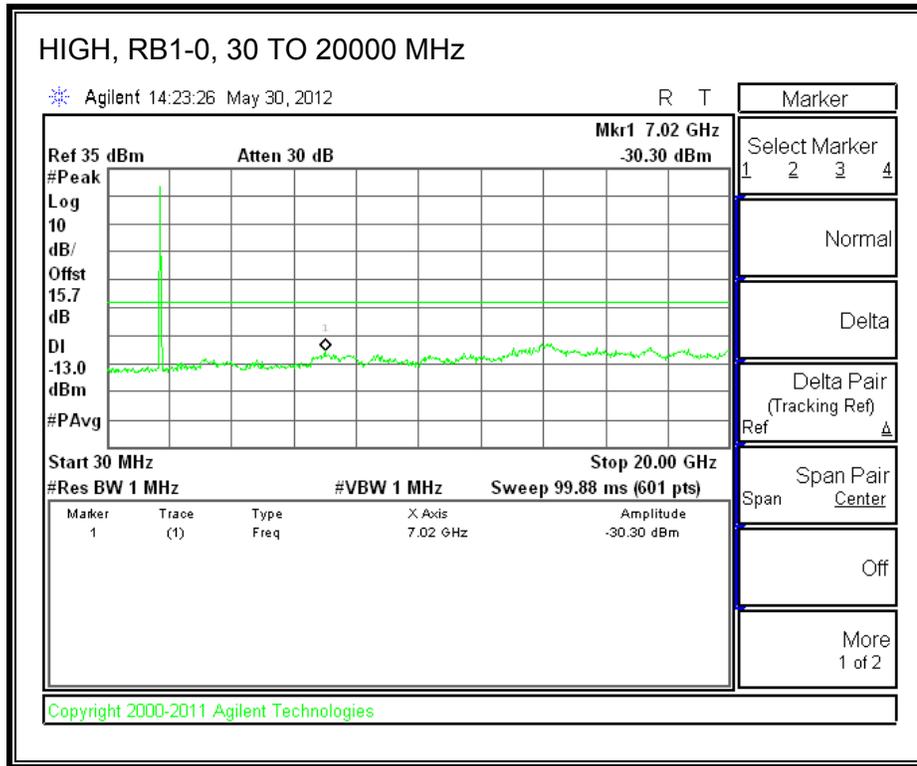
LTE QPSK





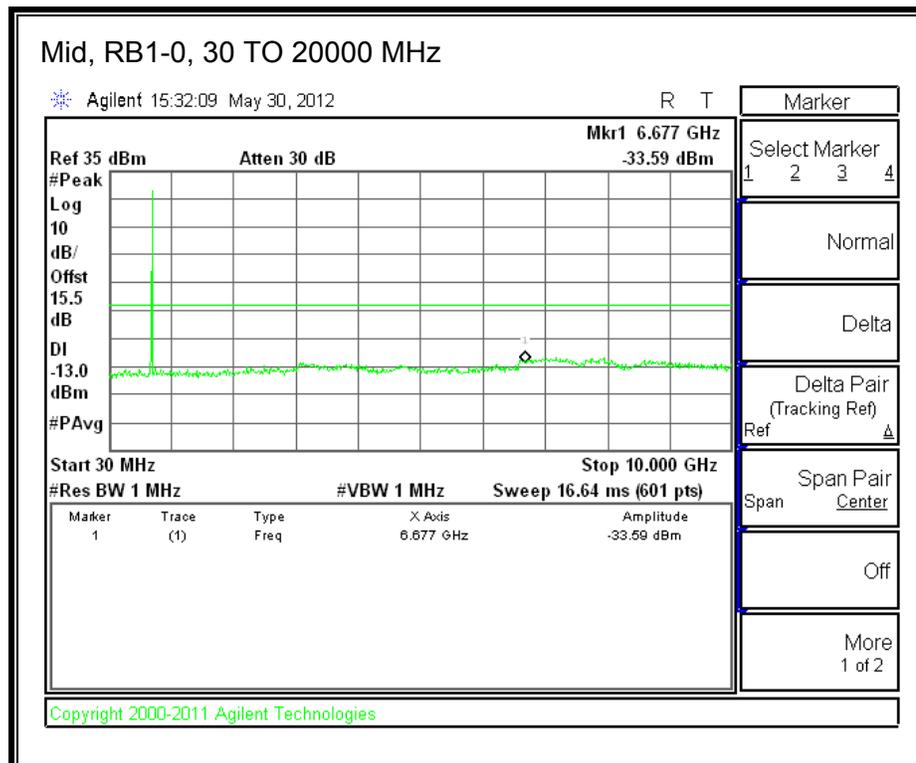
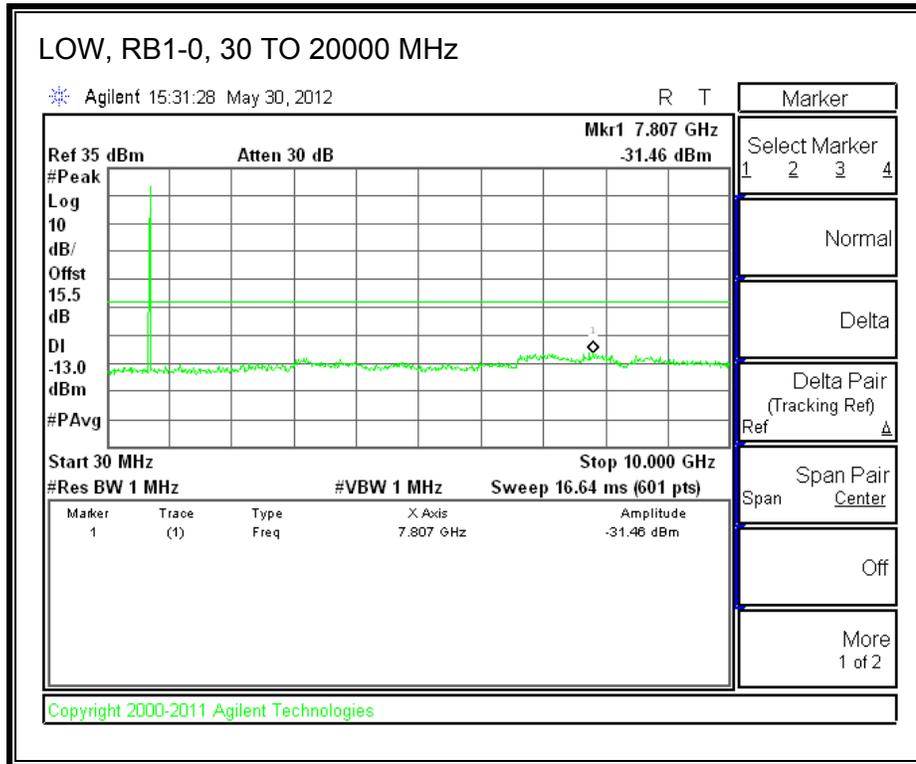
LTE 16QAM

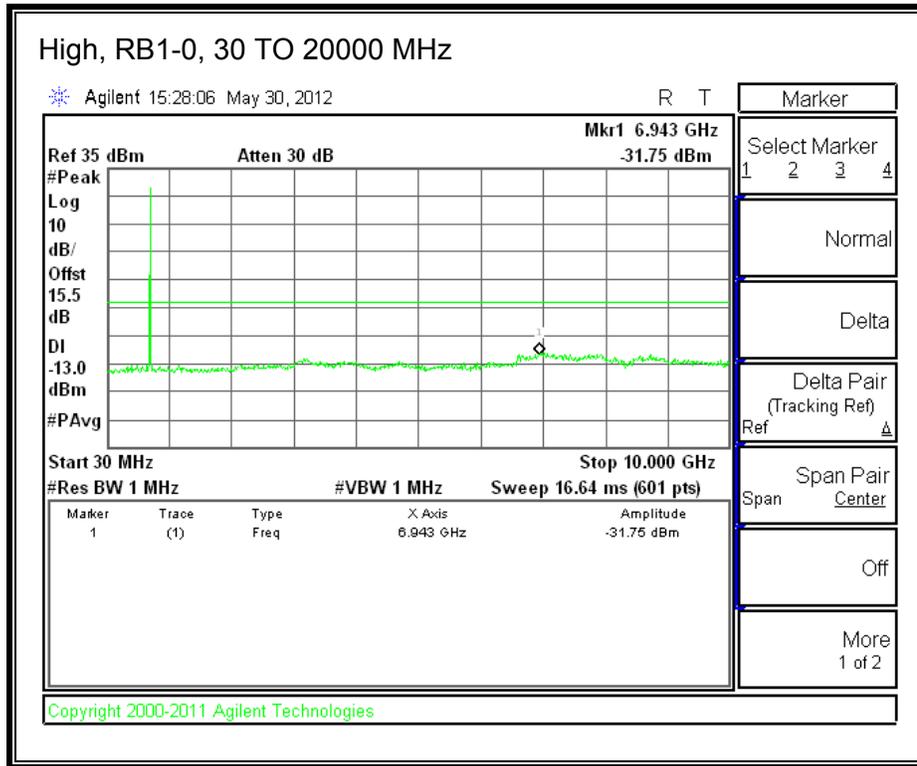




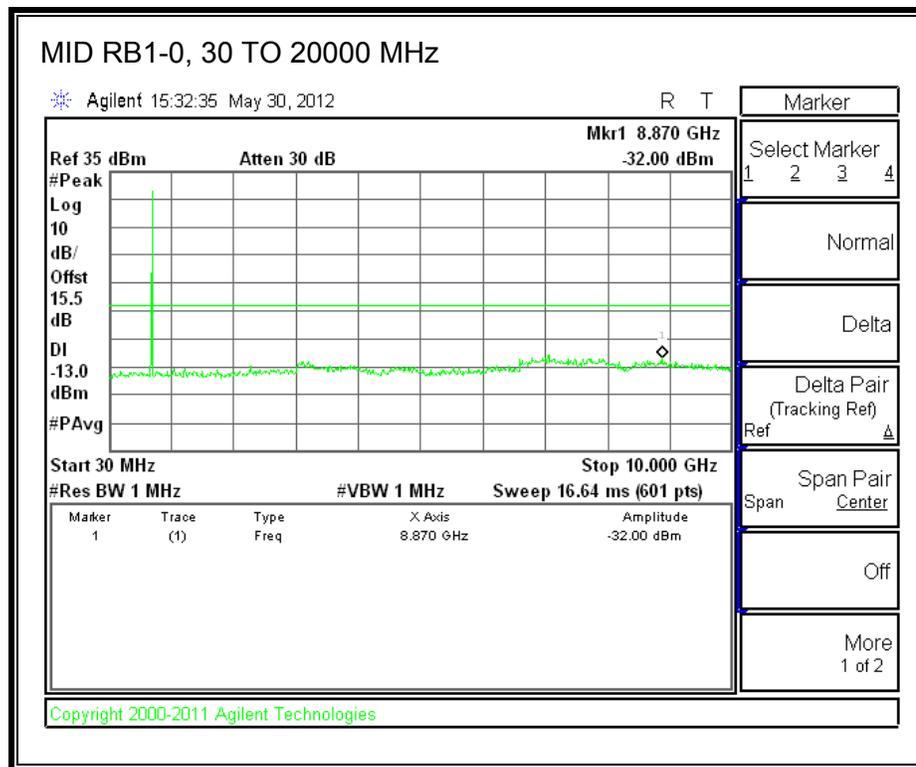
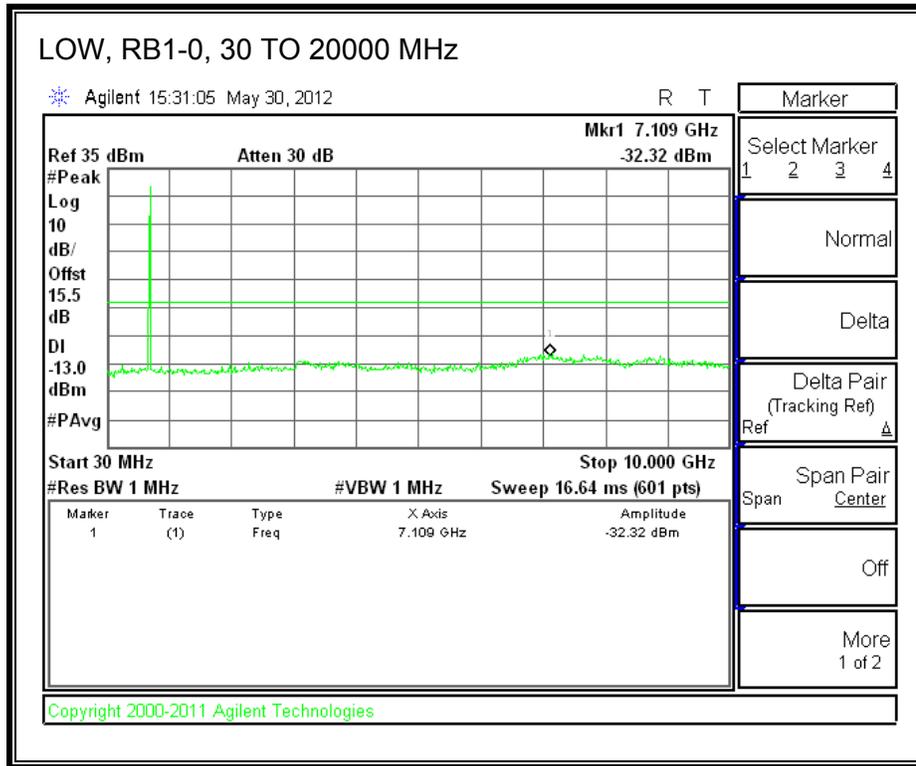
8.3.3. A1428 LAT PORT LTE BAND 17

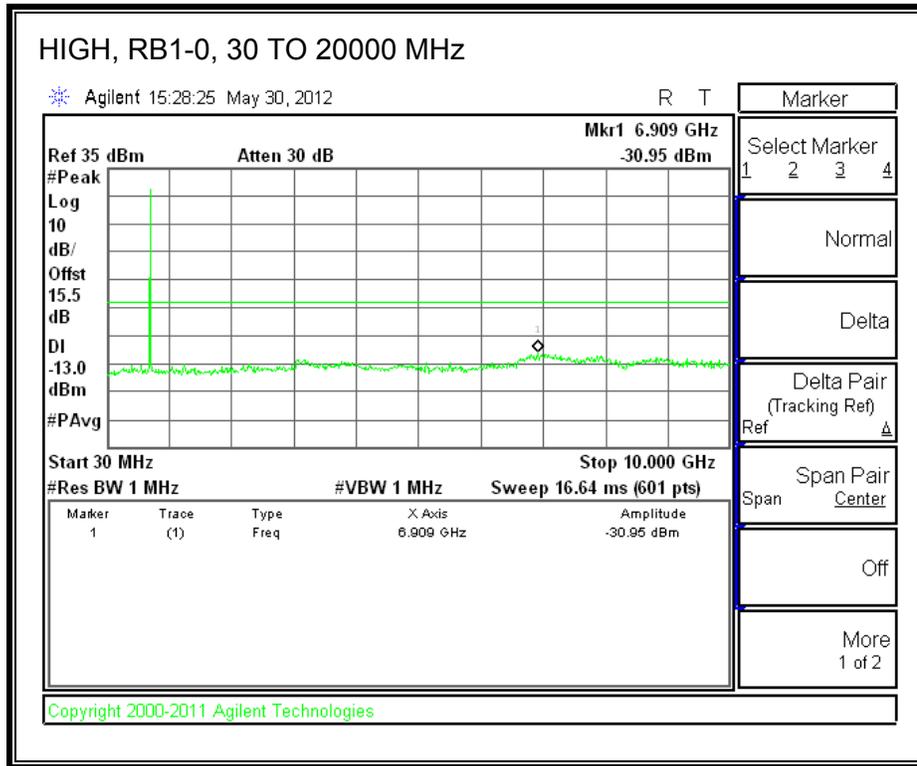
LTE QPSK (5.0 MHz BAND WIDTH)





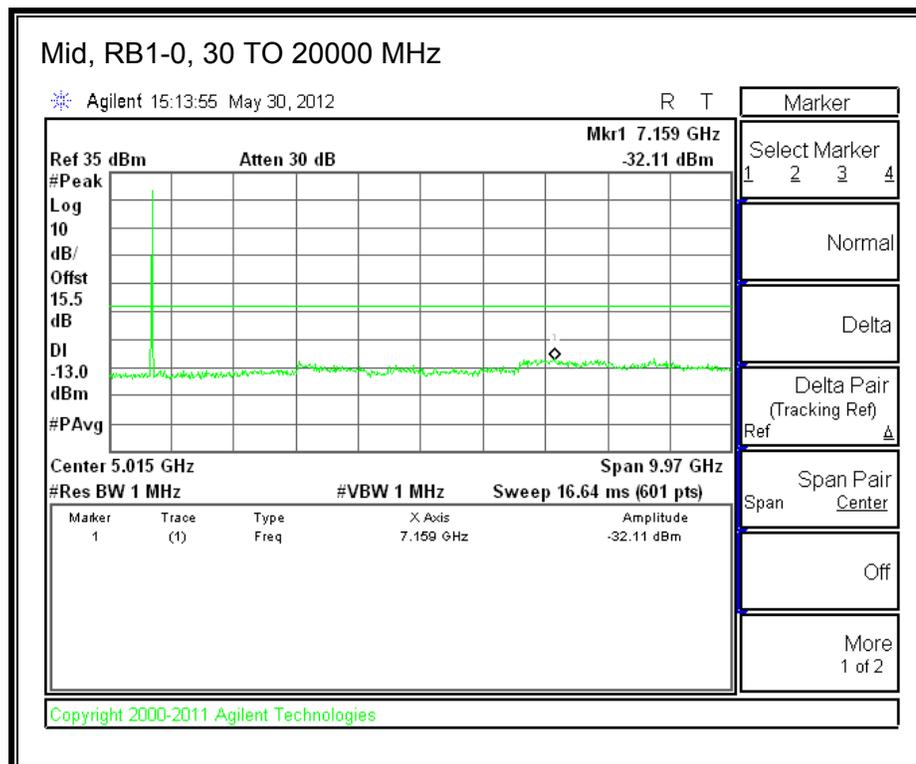
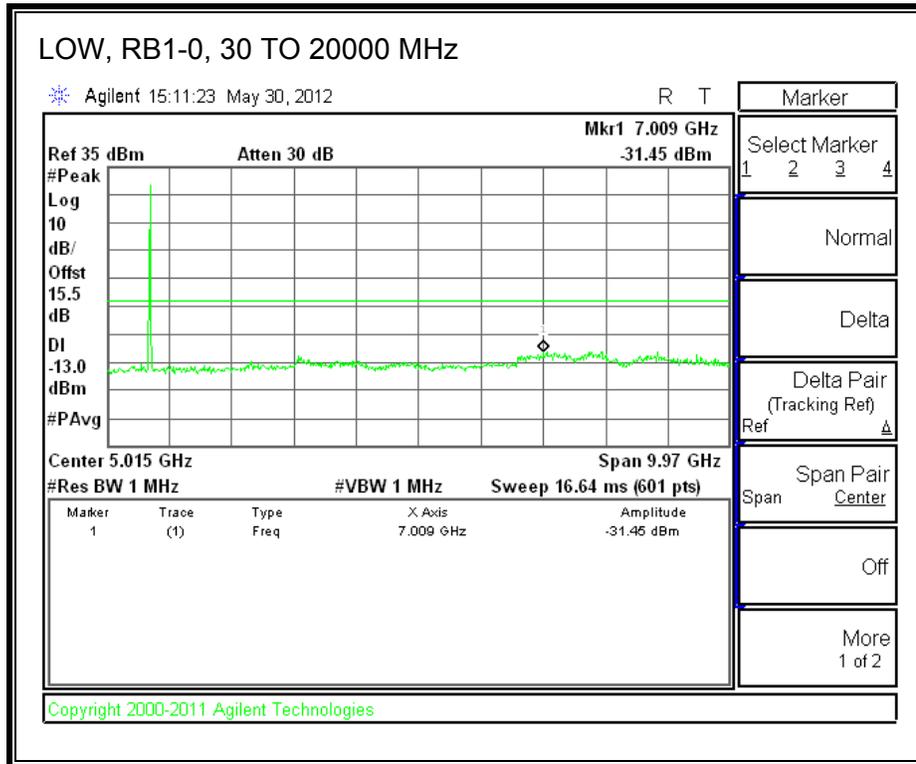
LTE 16QAM

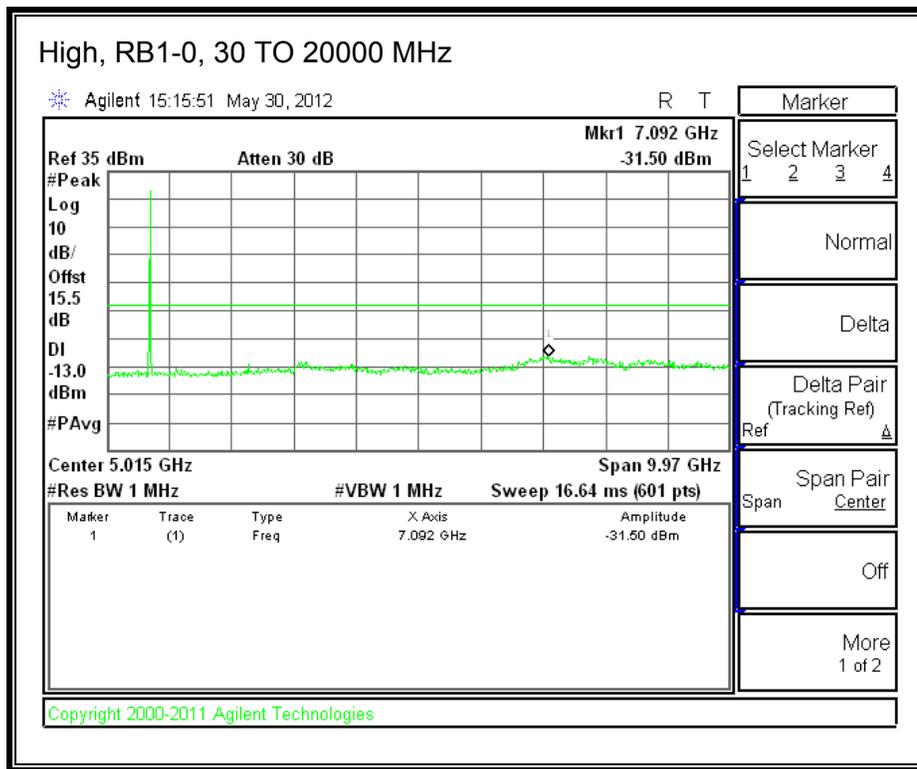




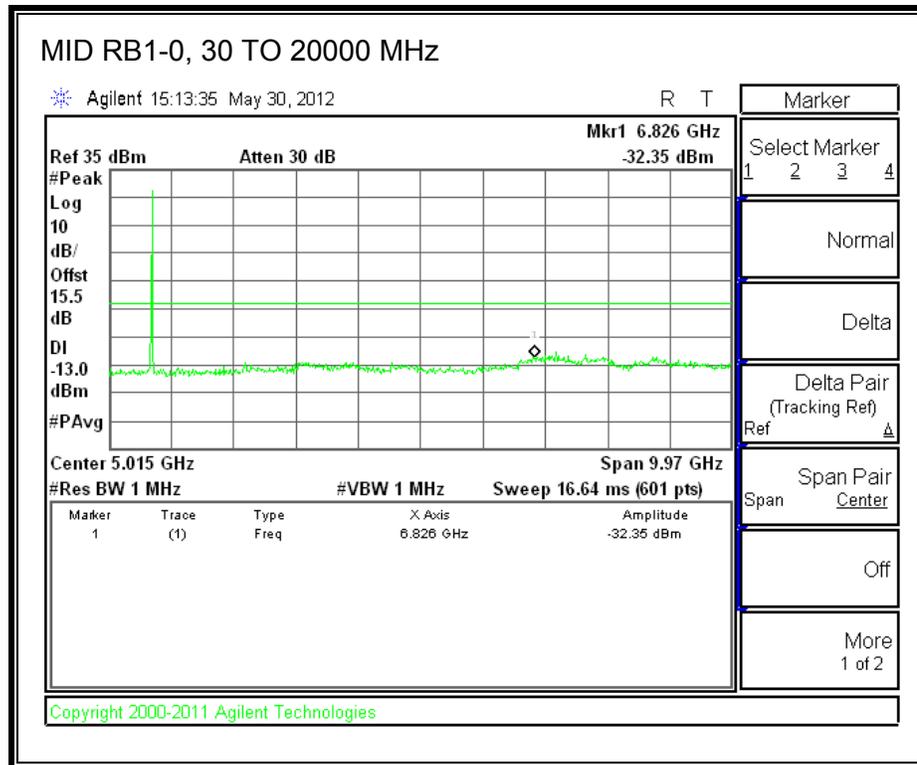
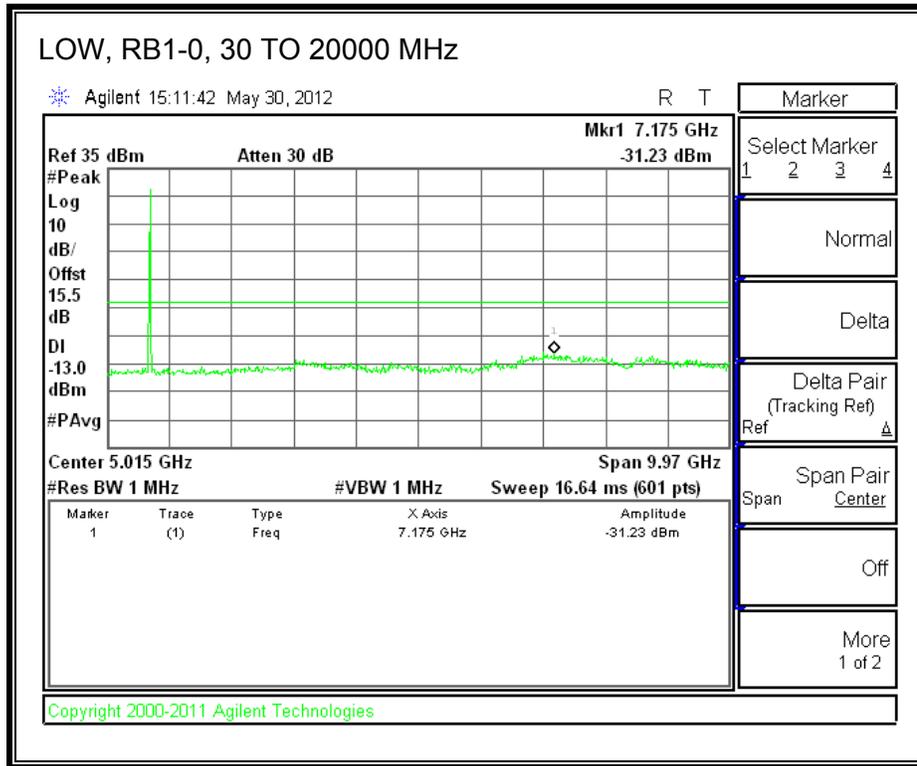
Band 17 (10.0 MHz BAND WIDTH)

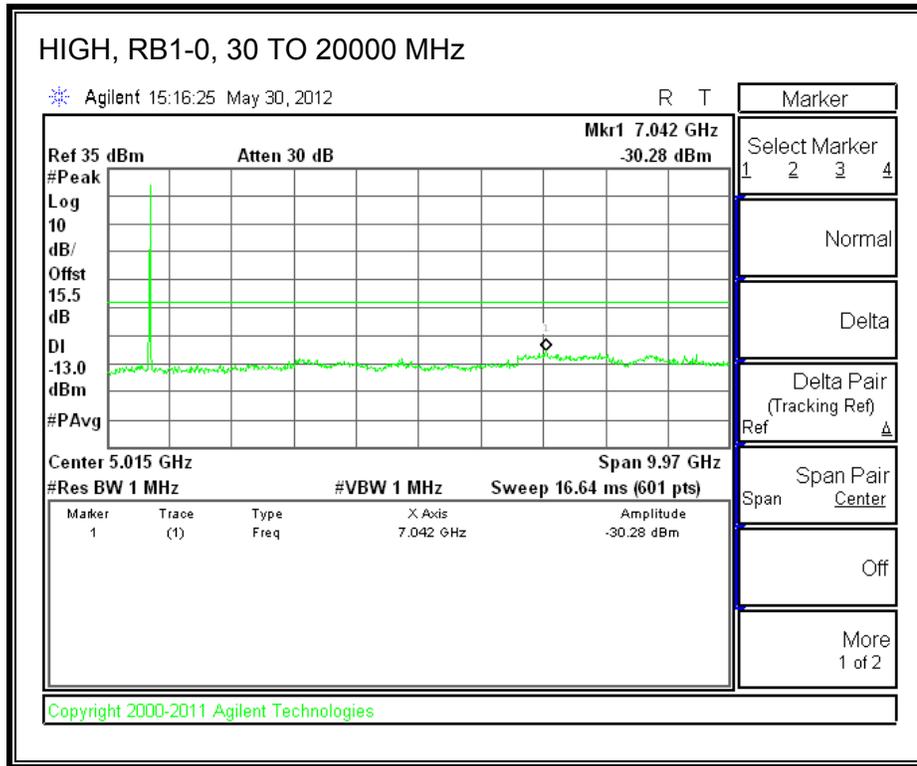
LTE QPSK





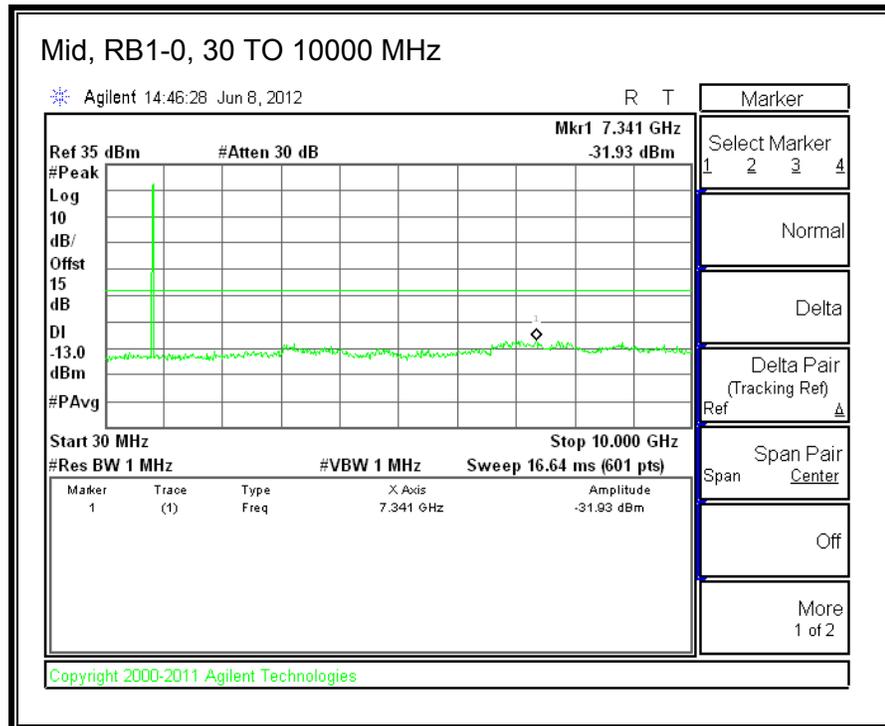
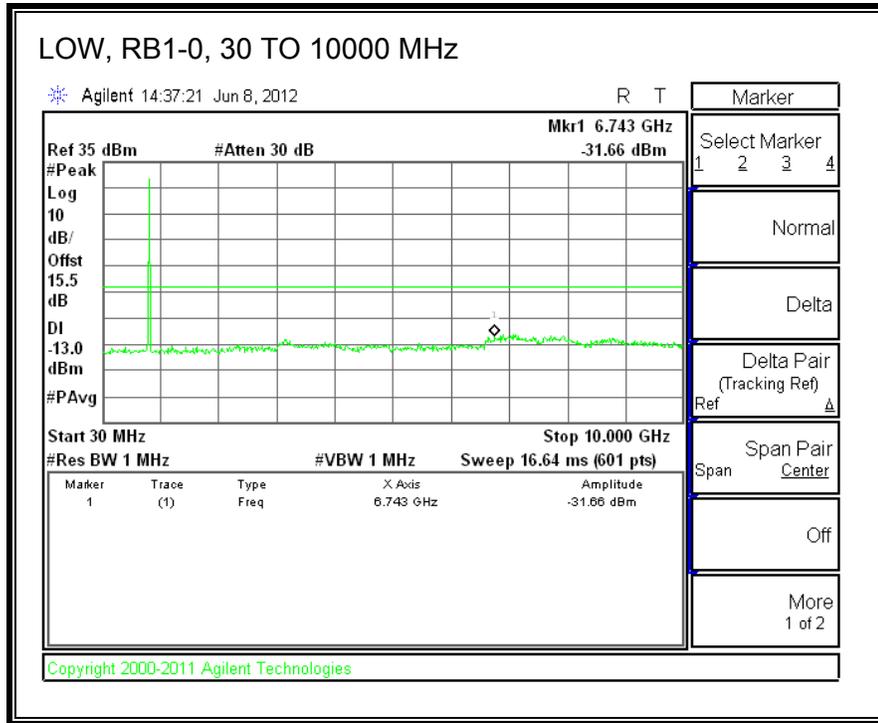
LTE 16QAM

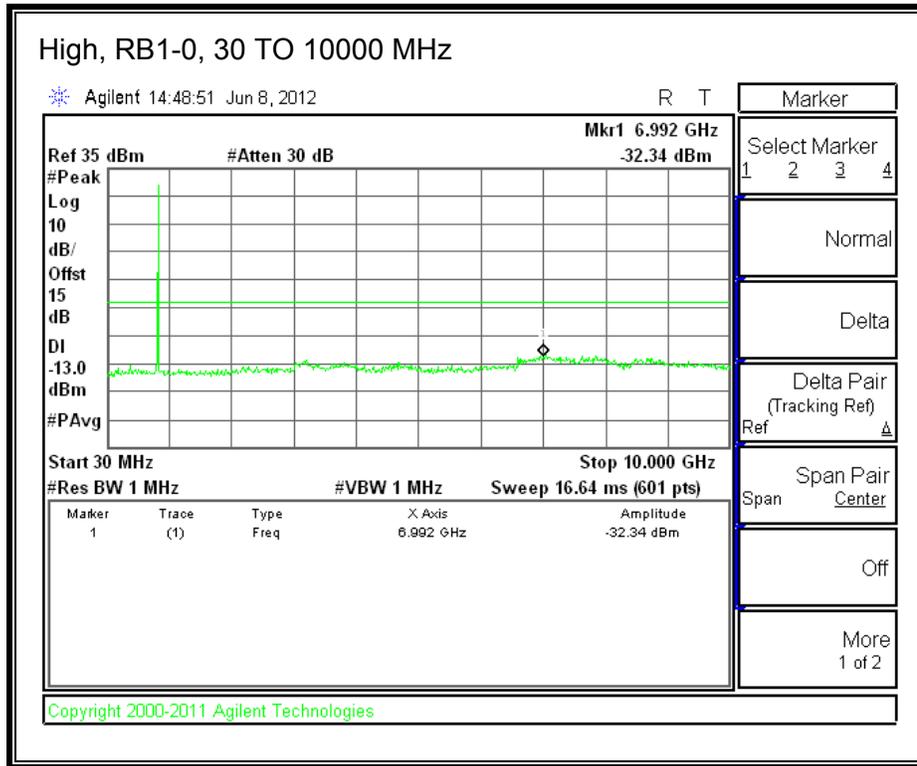




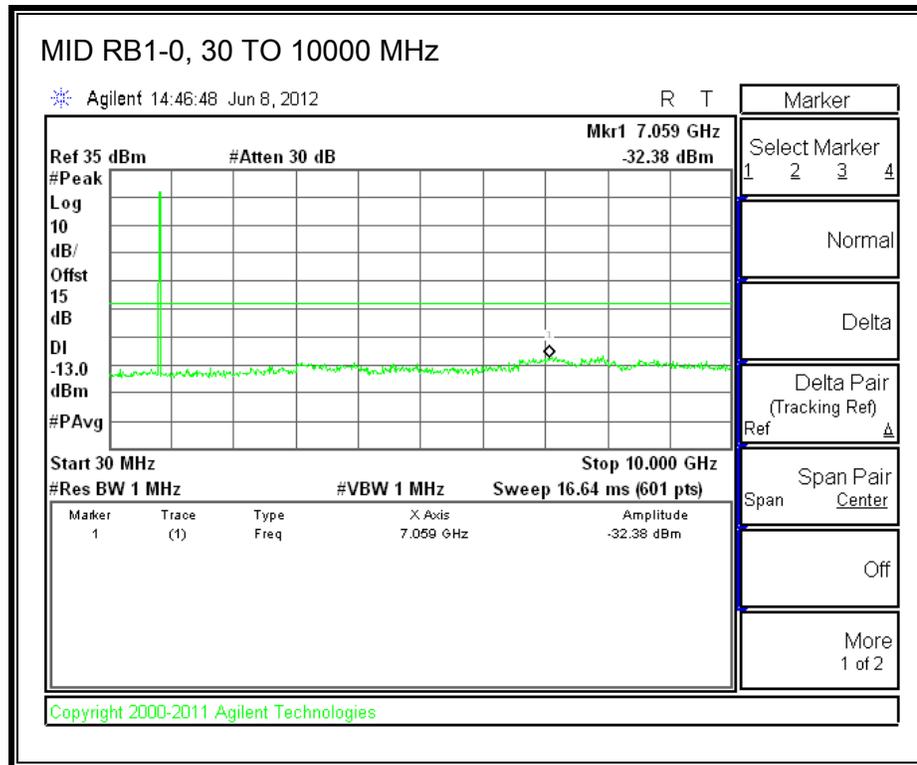
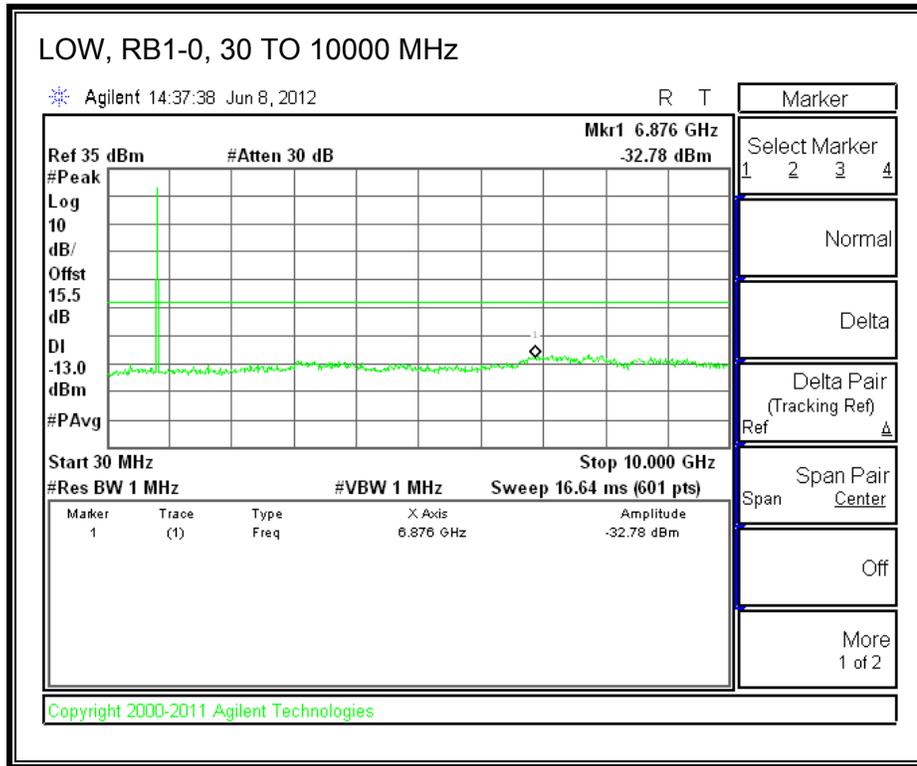
8.3.4. A1428 LAT PORT LTE BAND 5

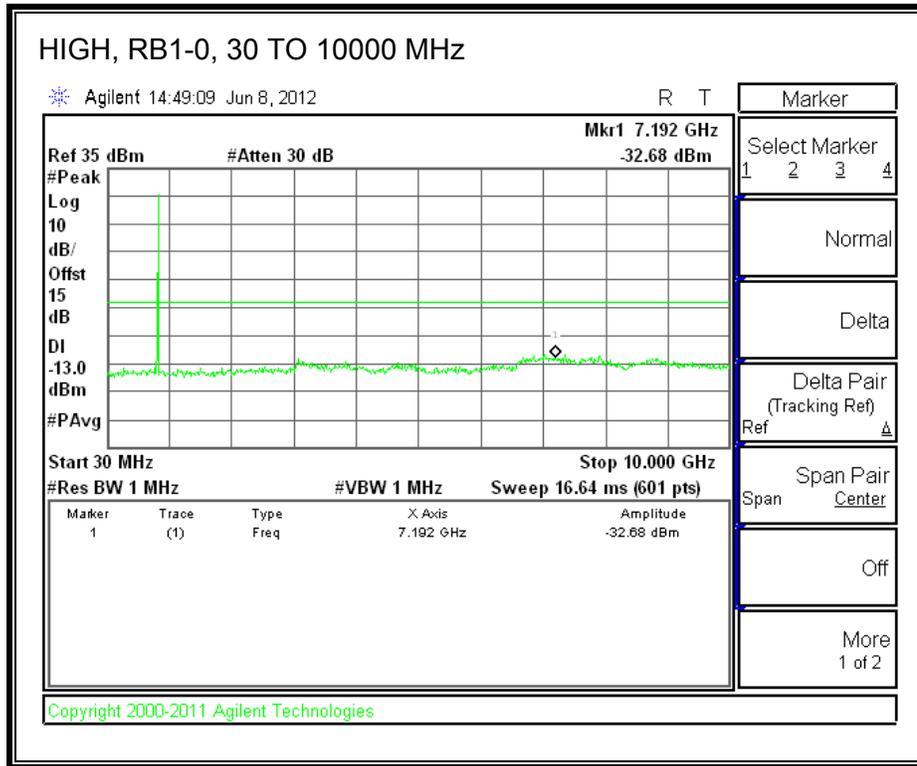
LTE QPSK (1.4 MHz BAND WIDTH)





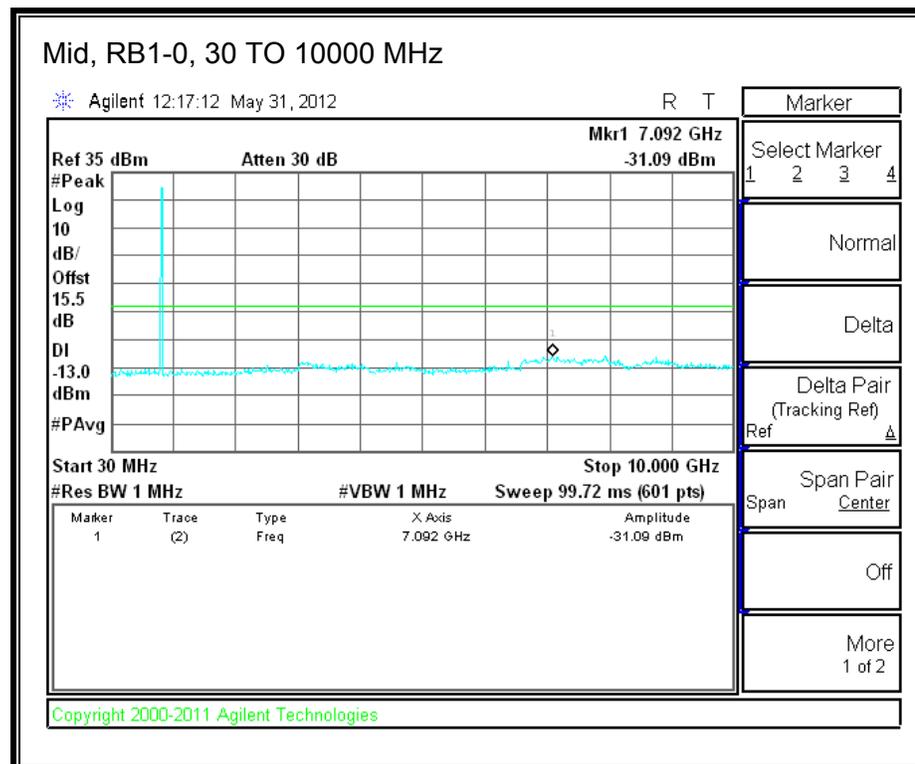
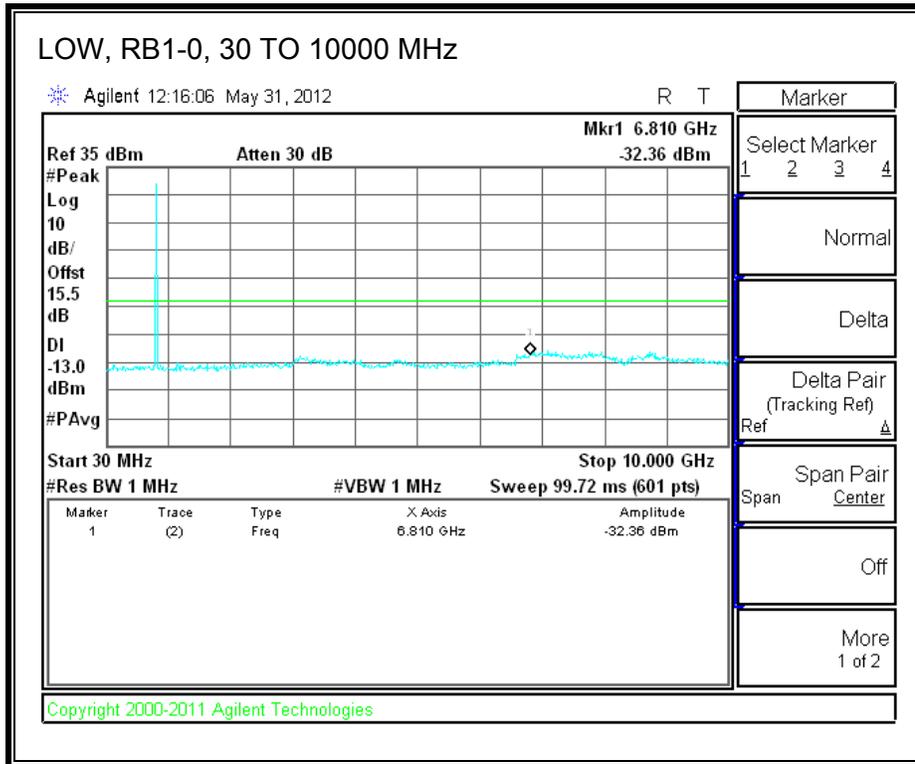
LTE 16QAM

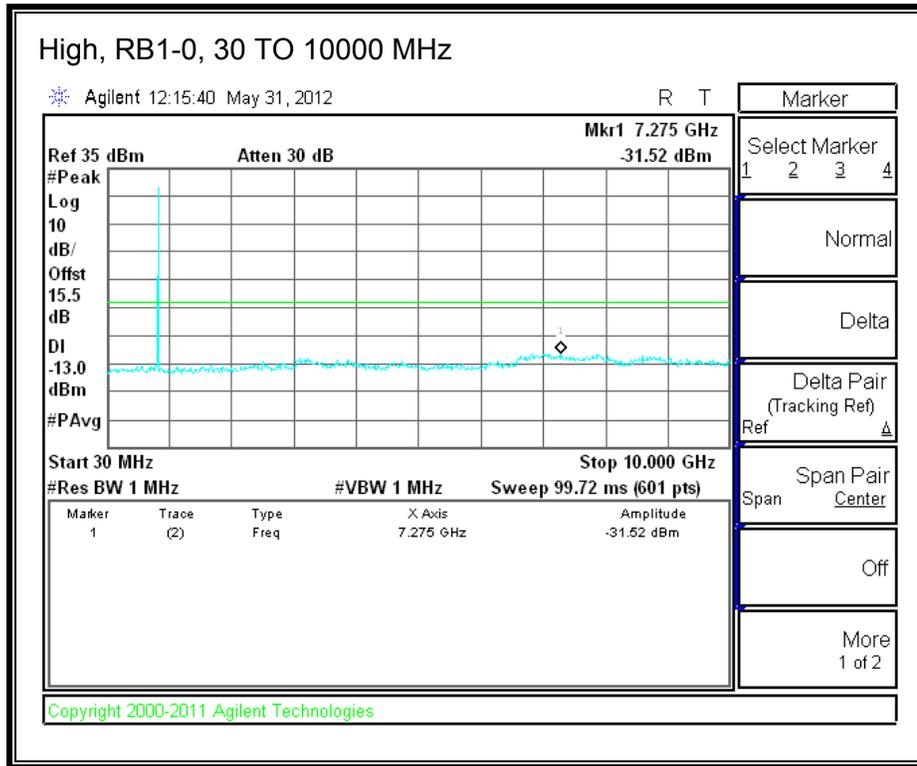




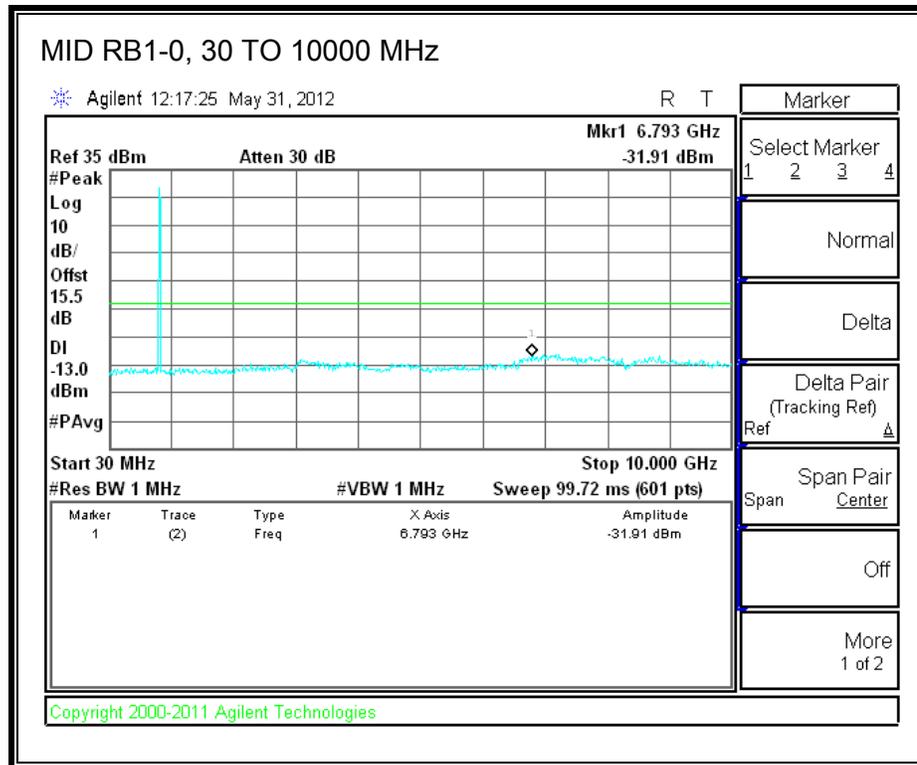
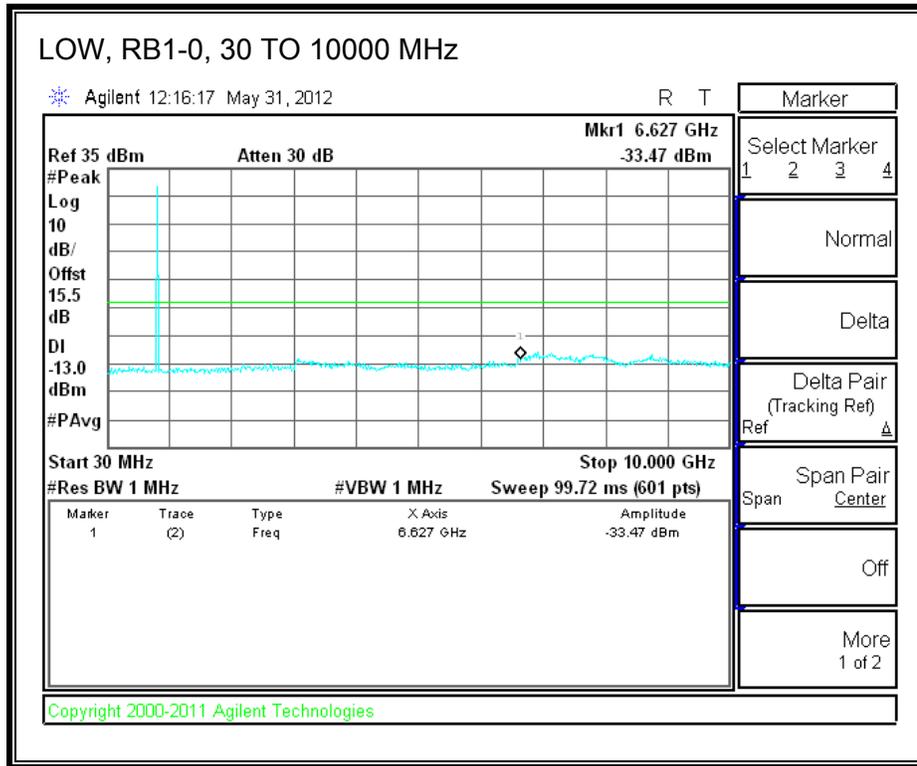
Band 5 (3.0 MHz BAND WIDTH)

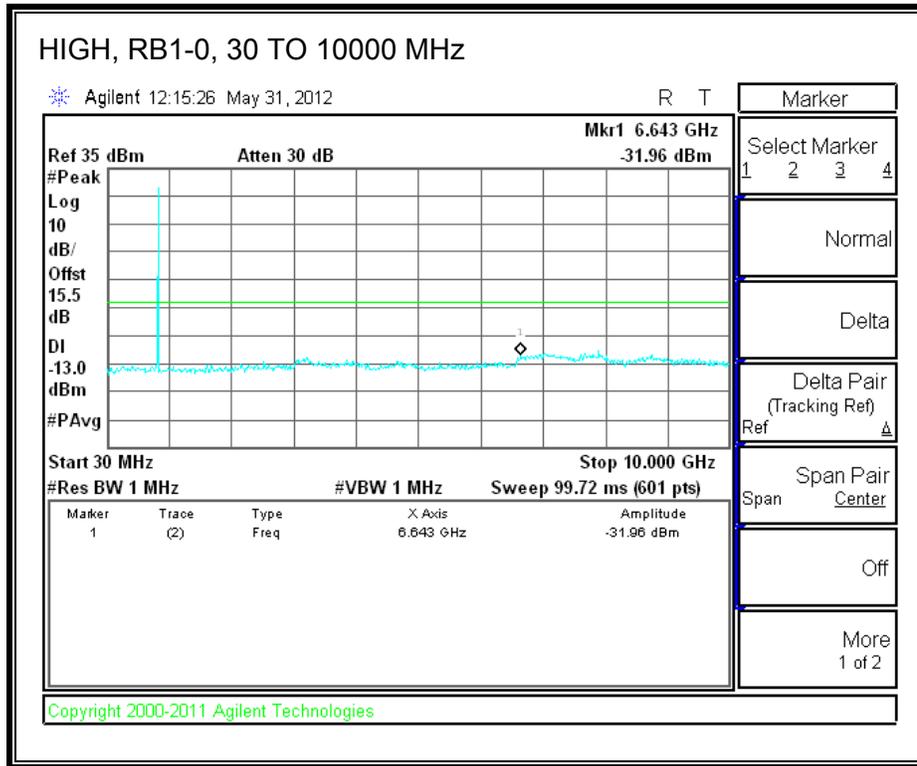
LTE QPSK





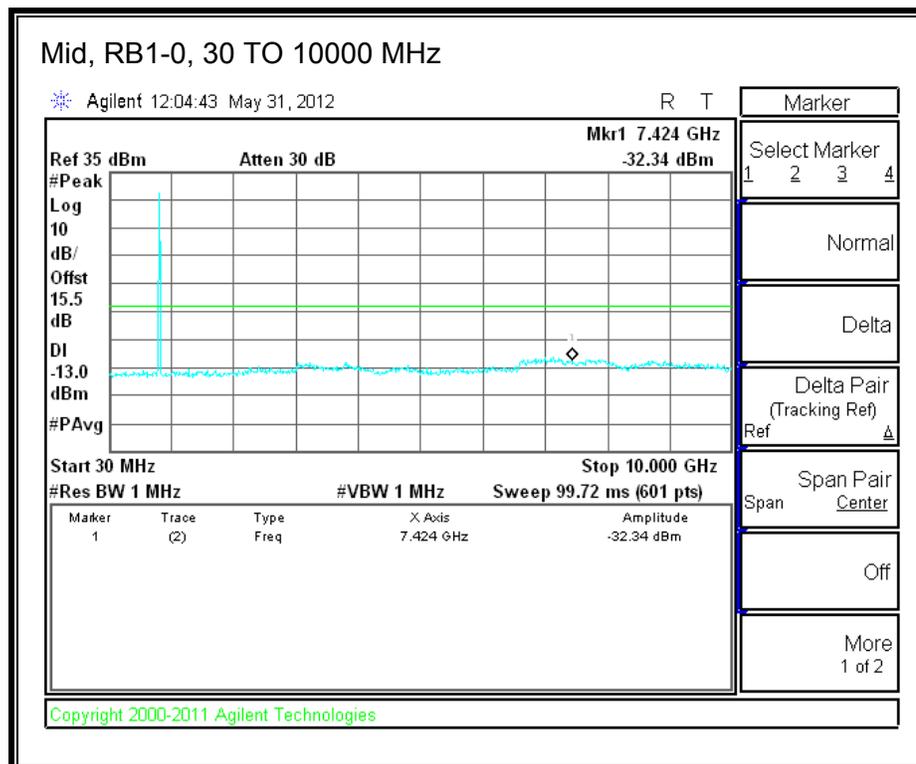
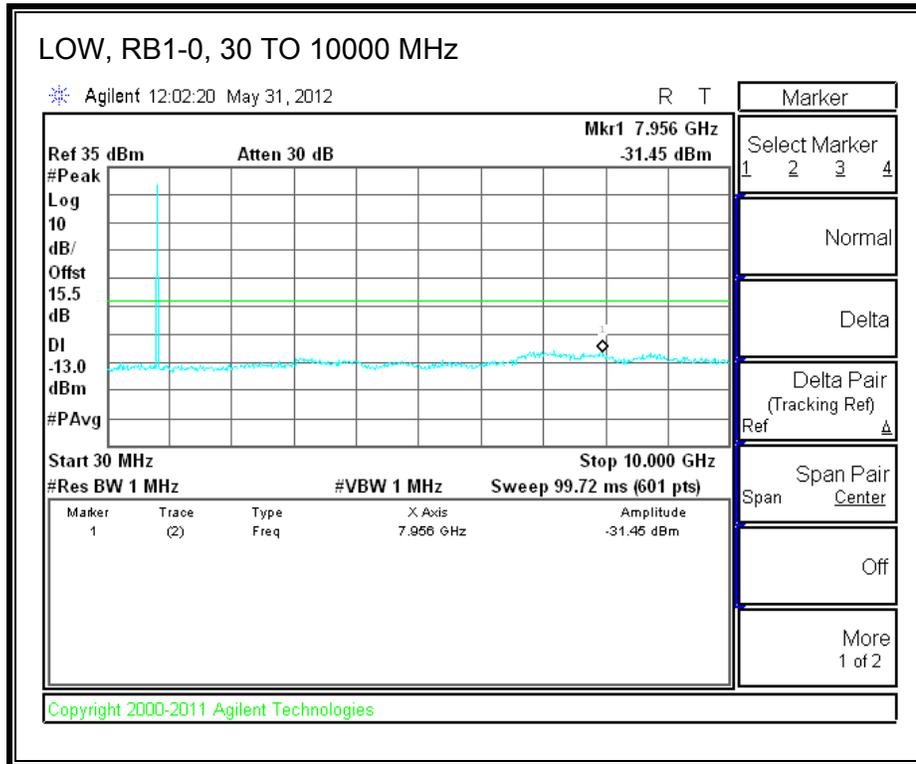
LTE 16QAM

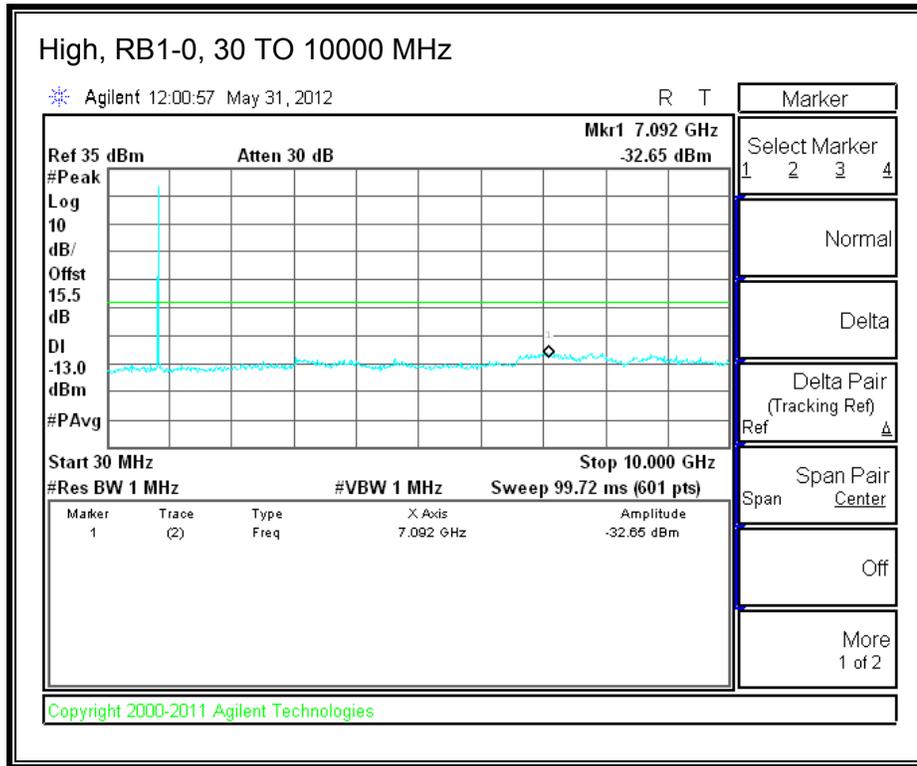




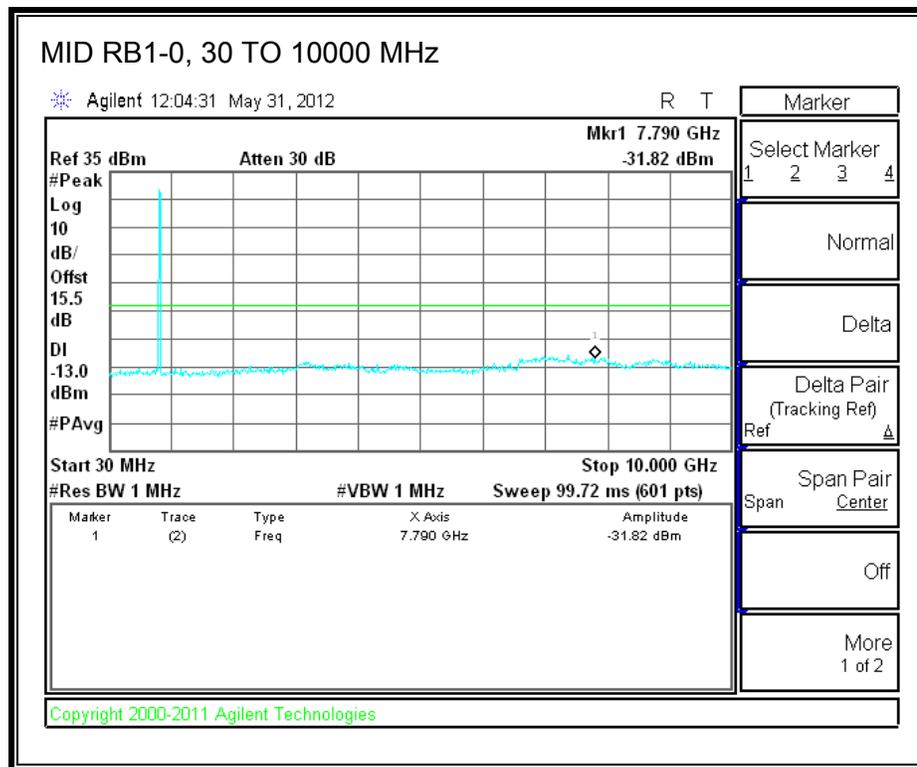
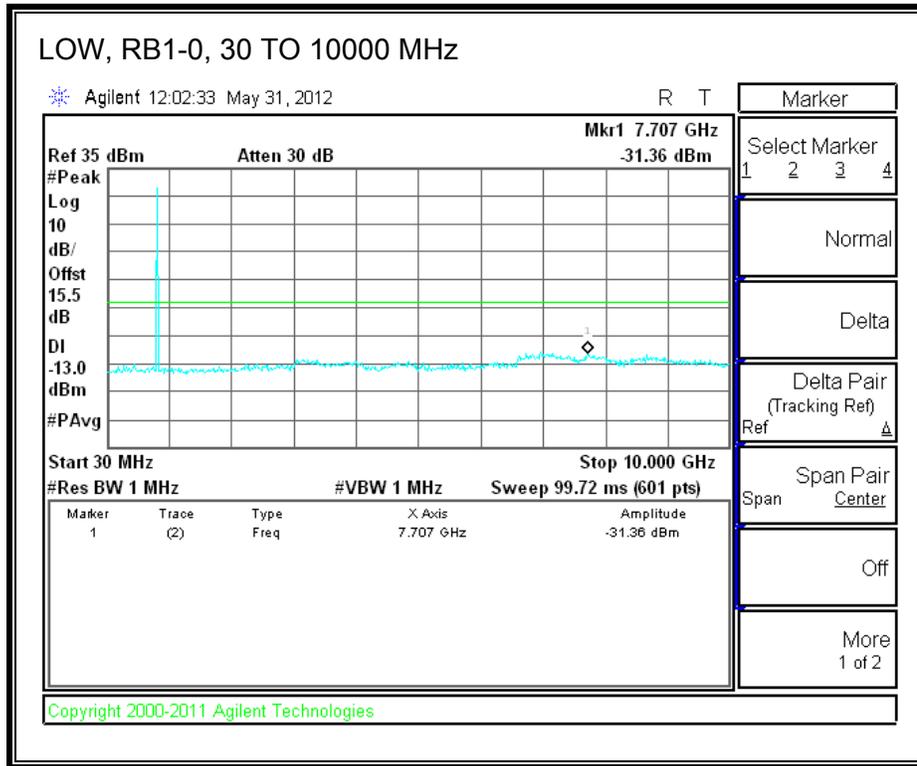
Band 5 (5.0 MHz BAND WIDTH)

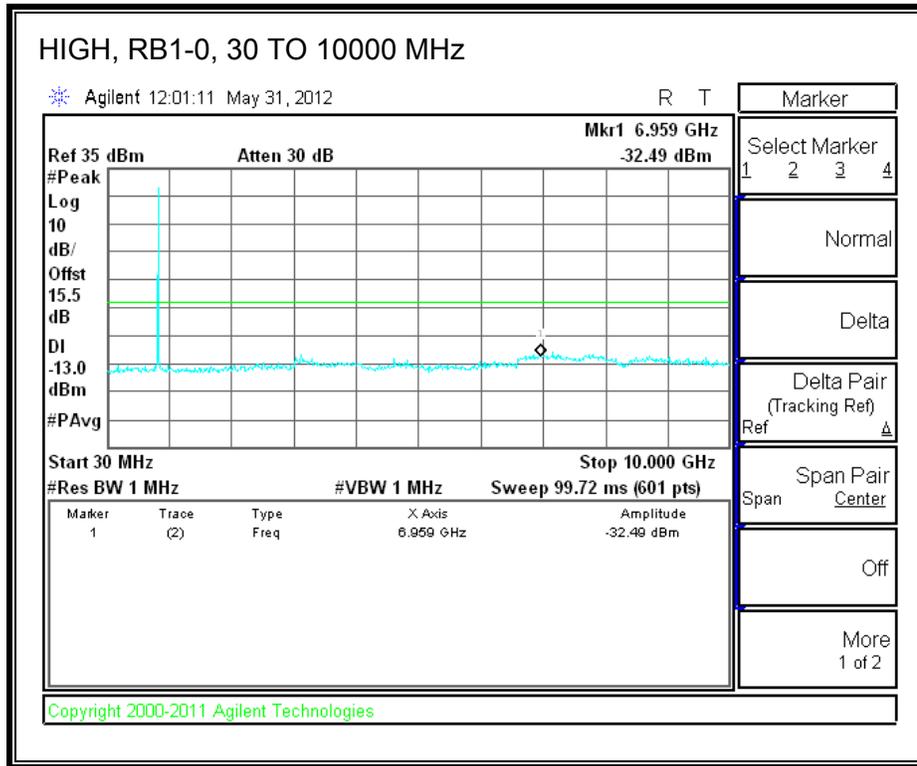
LTE QPSK





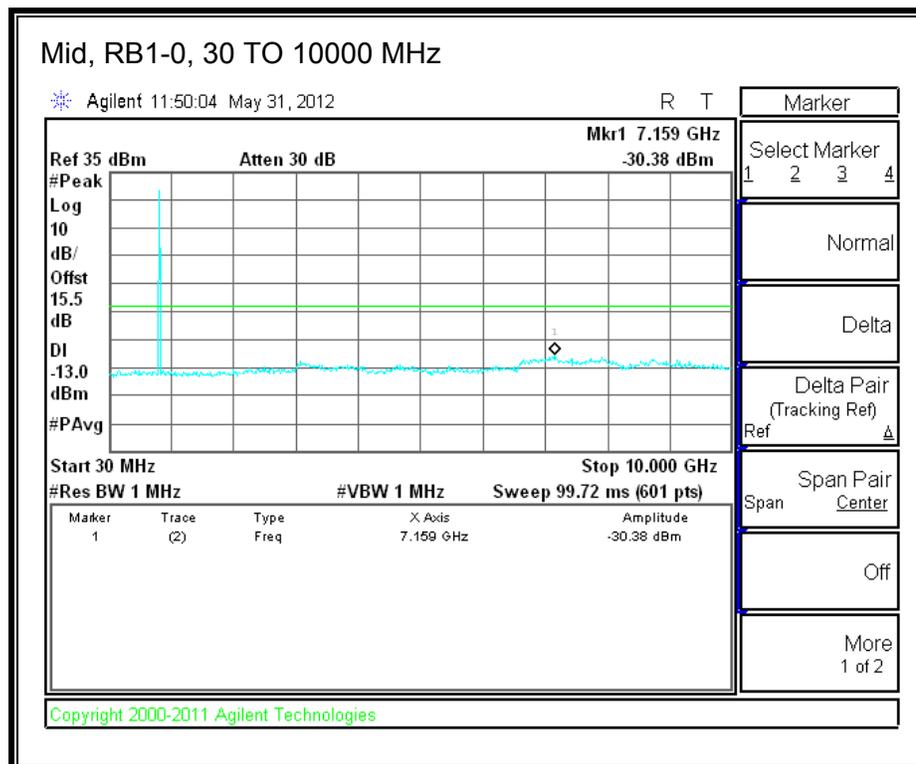
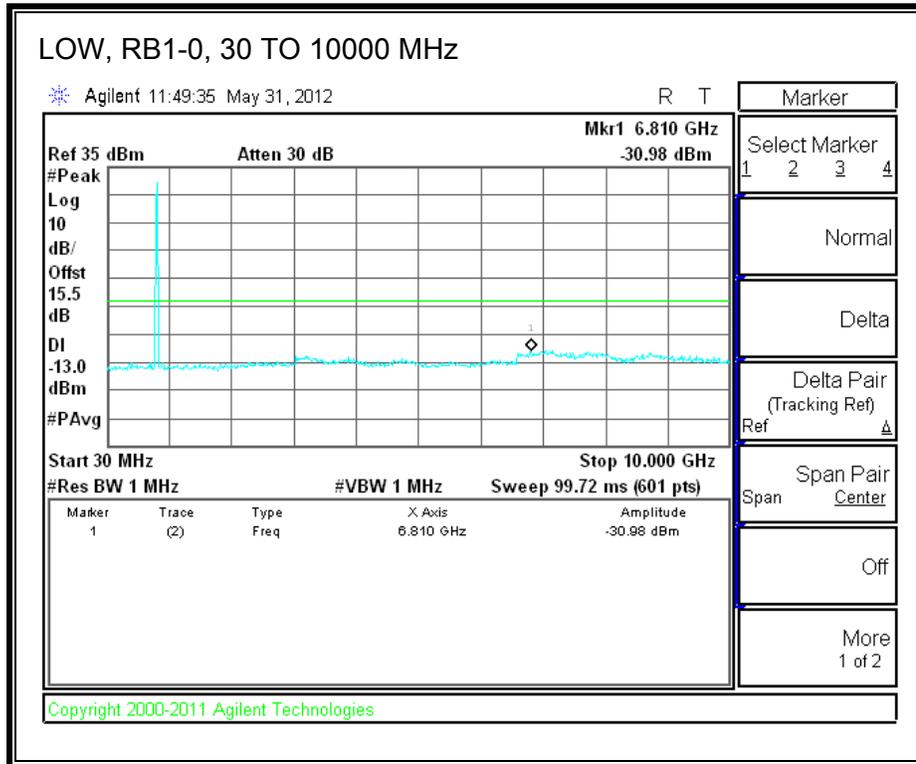
LTE 16QAM

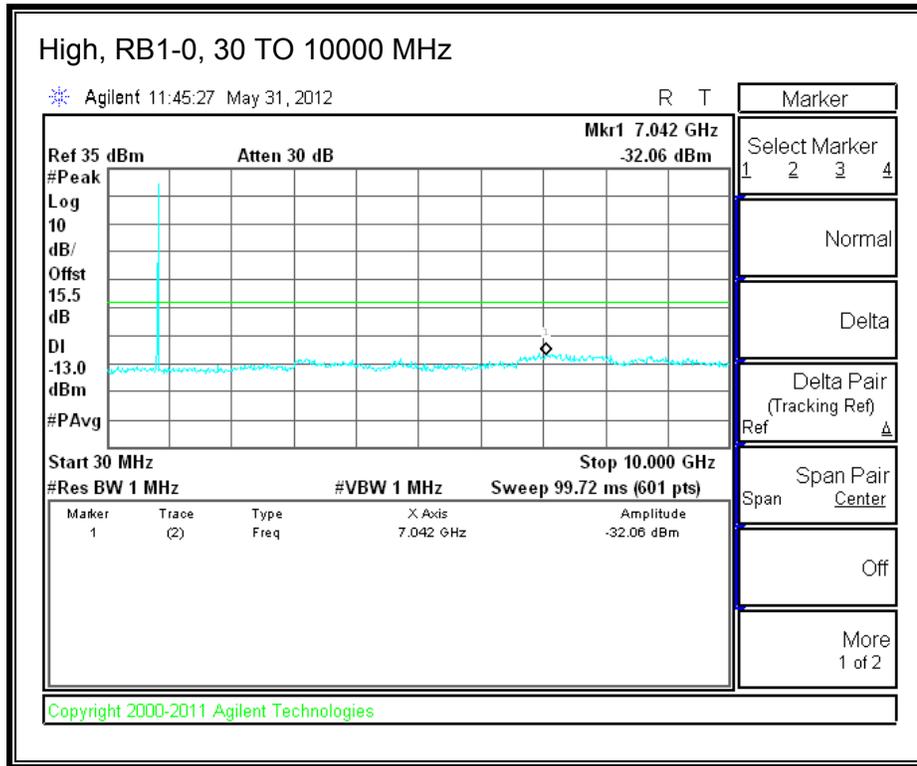




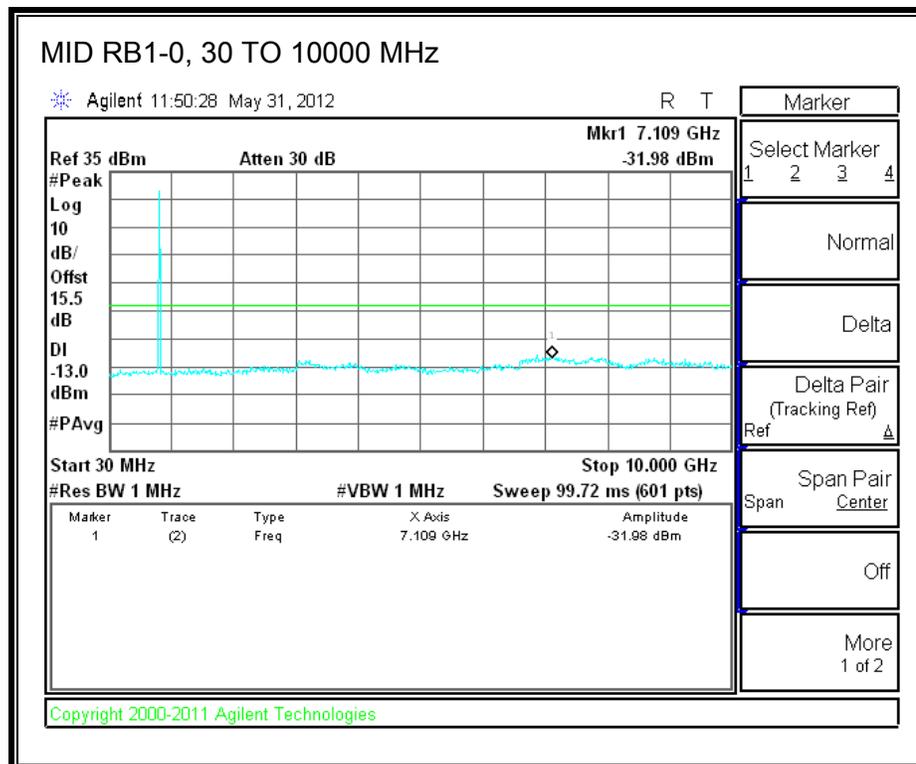
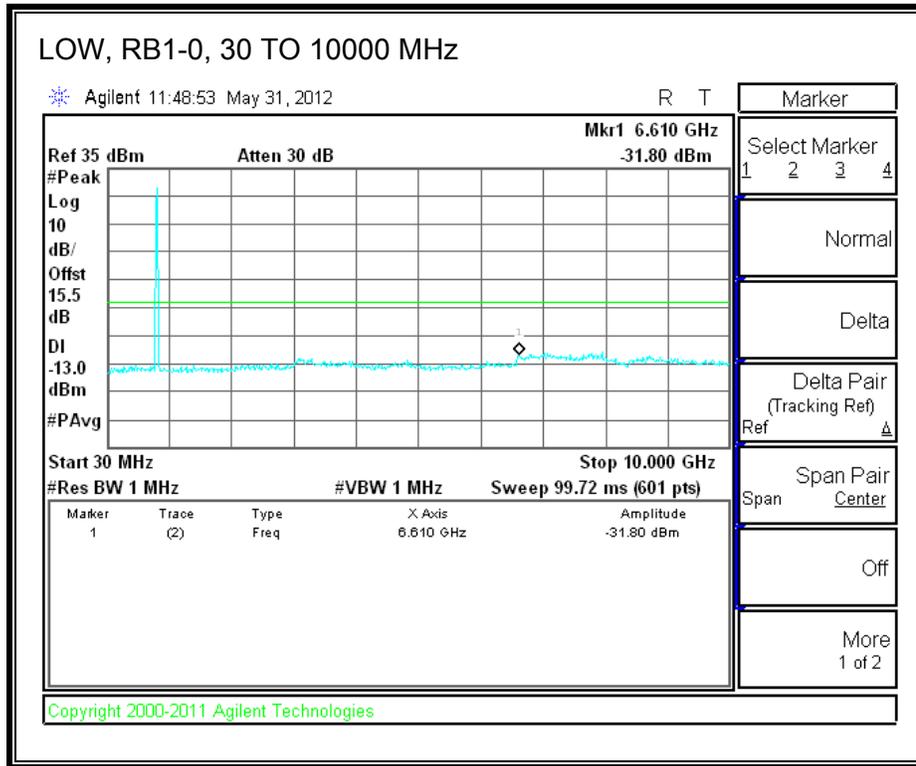
Band 5 (10.0 MHz BAND WIDTH)

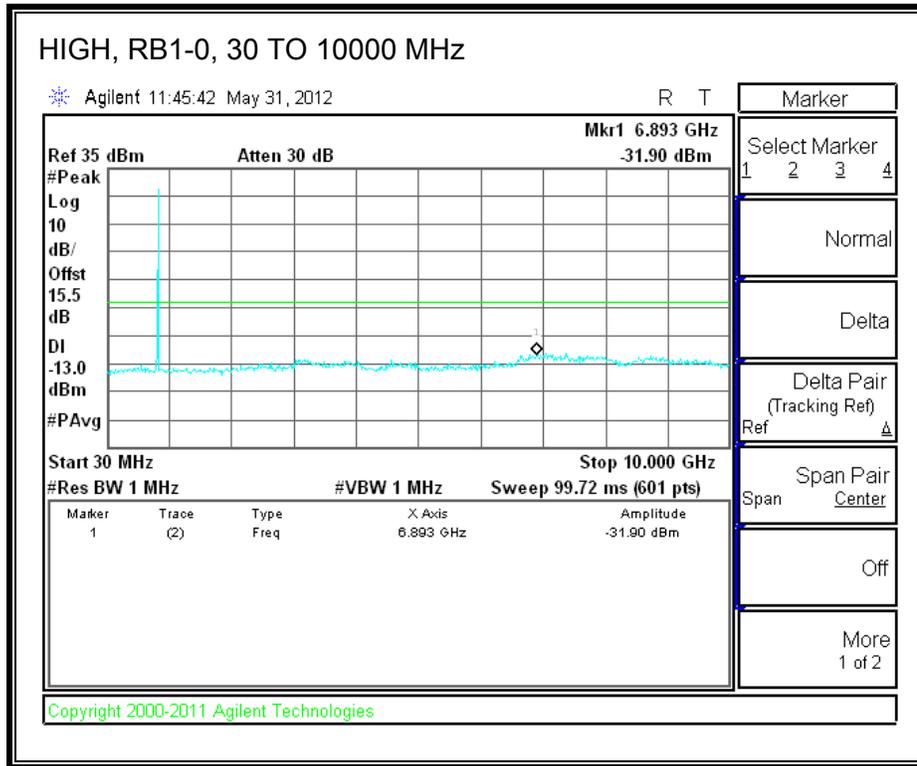
LTE QPSK





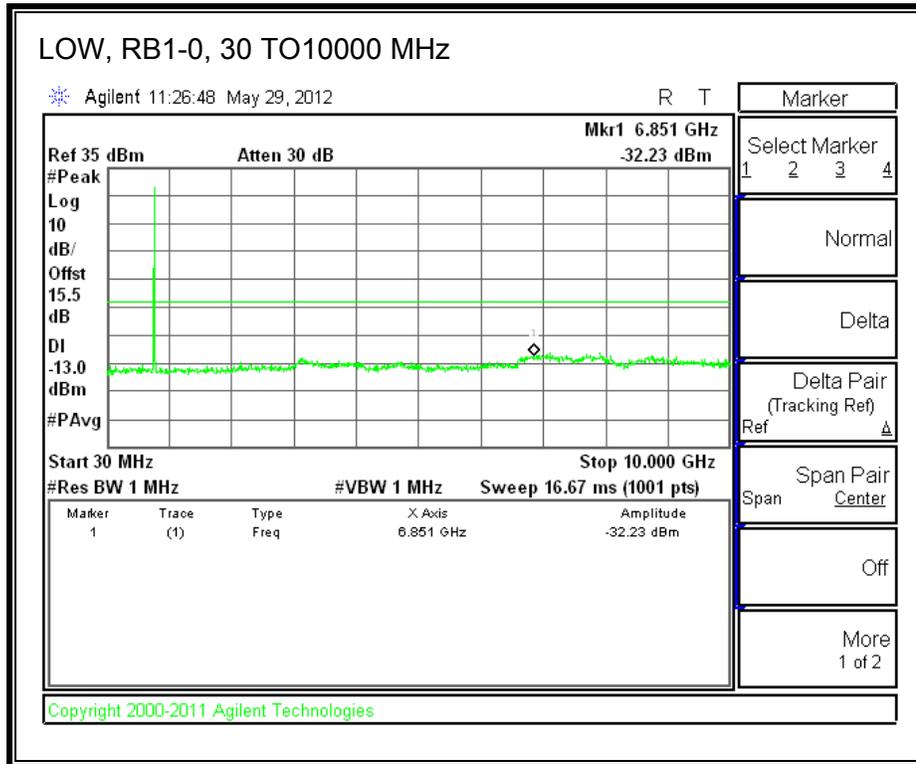
LTE 16QAM



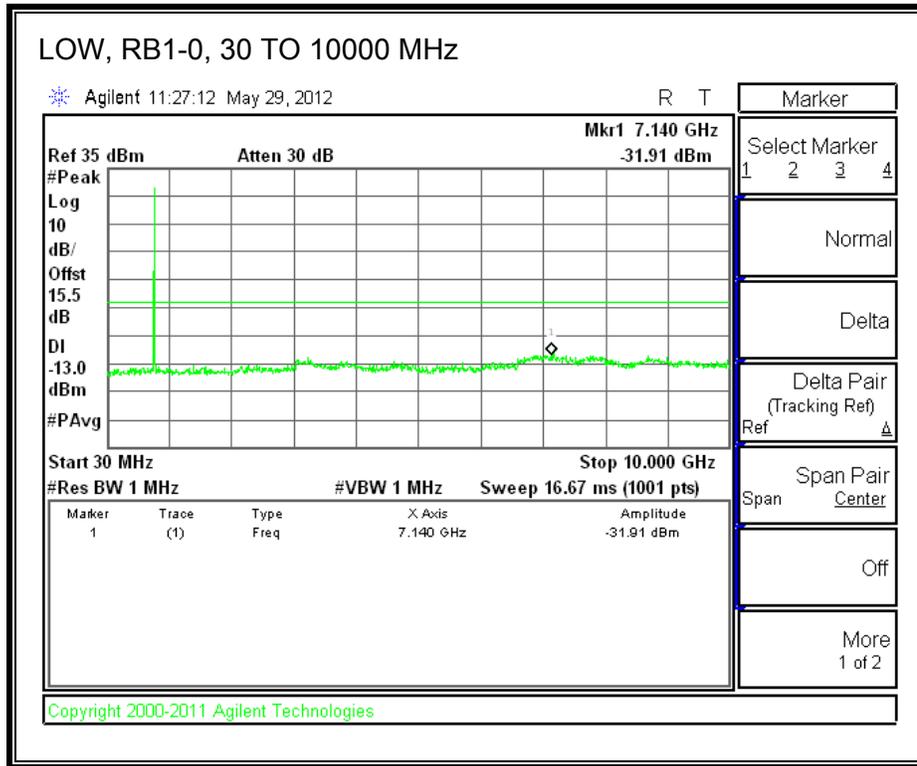


8.3.5. A1429 LAT PORT LTE BAND 13

779.5MHz LTE QPSK (5.0 MHz BAND WIDTH)

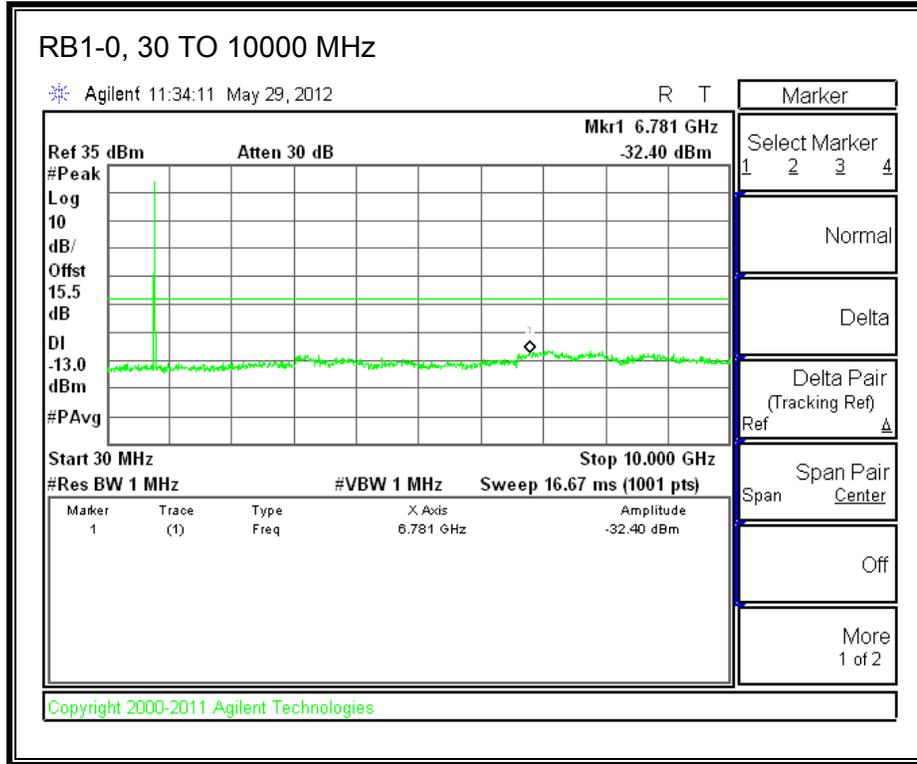


LTE 16QAM

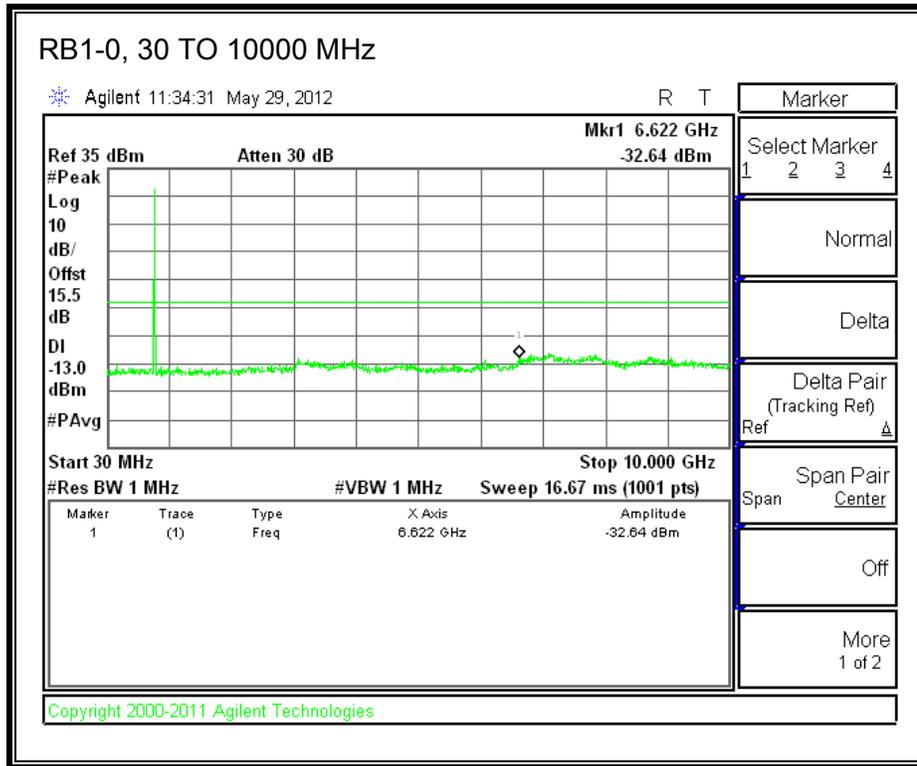


782MHz (5.0 MHz BAND WIDTH)

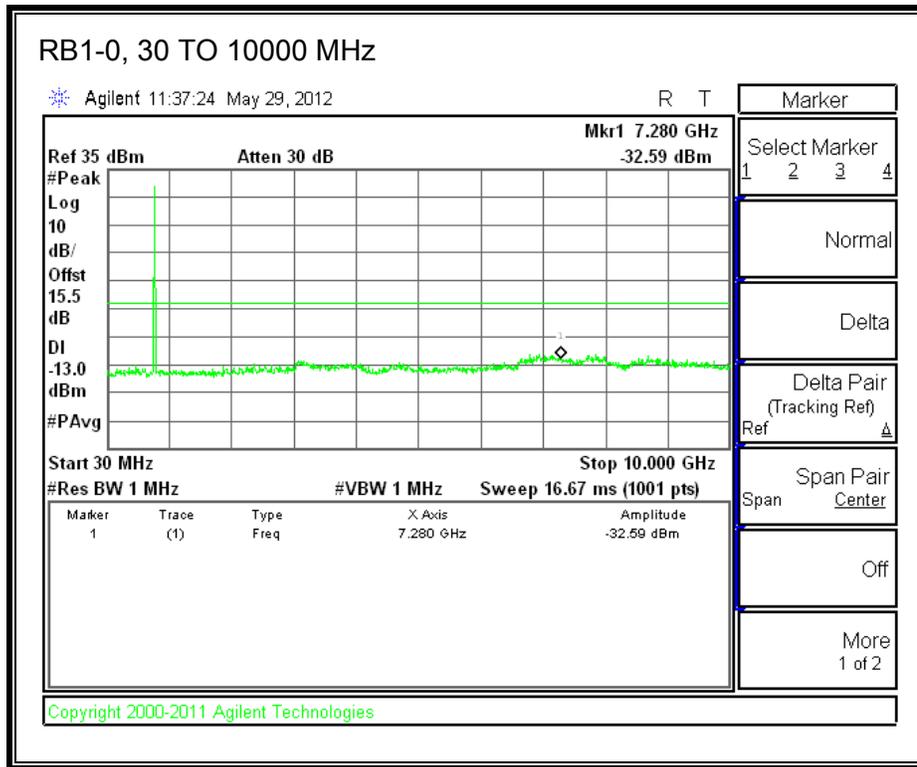
LTE QPSK



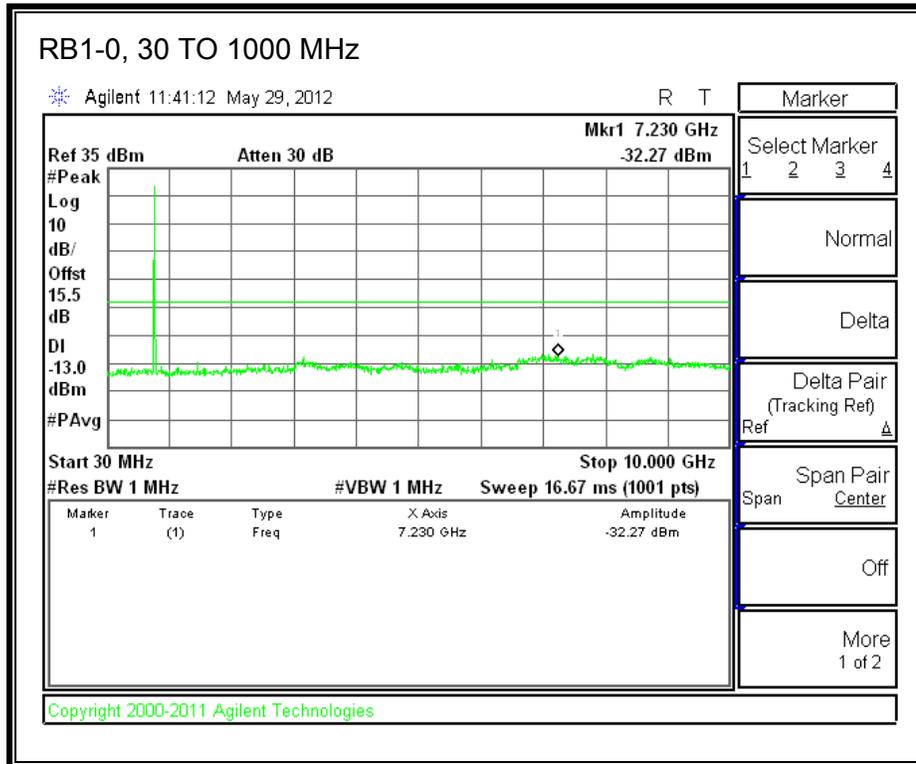
LTE 16QAM



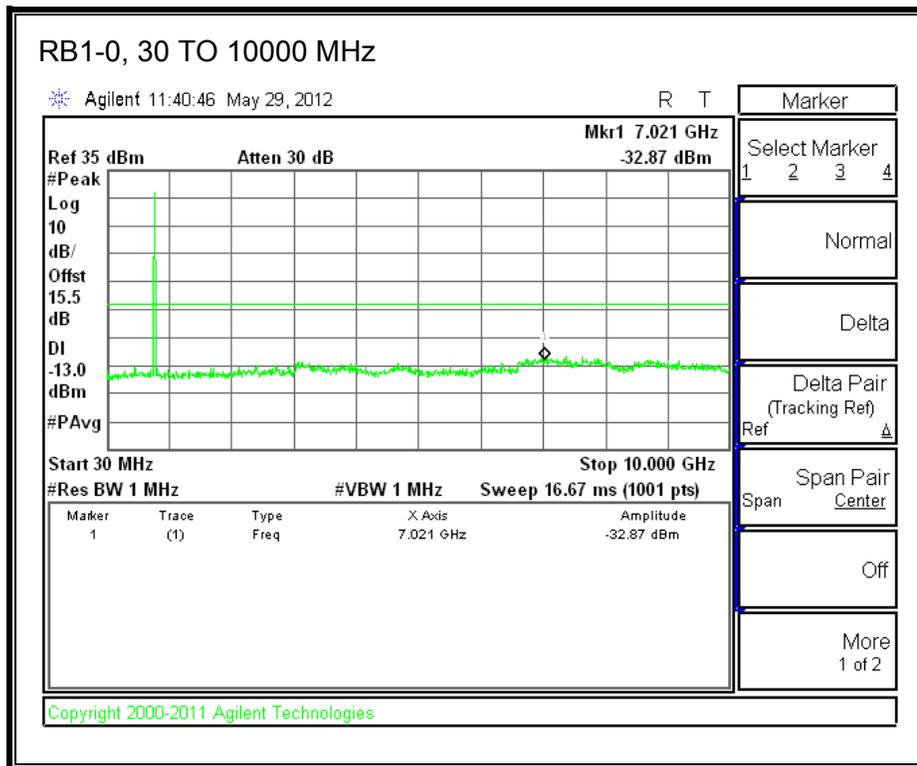
LTE QPSK Band 13, 784.5MHz (5MHz Bandwidth)



LTE QPSK Band 13, 782MHz(10MHz Bandwidth)

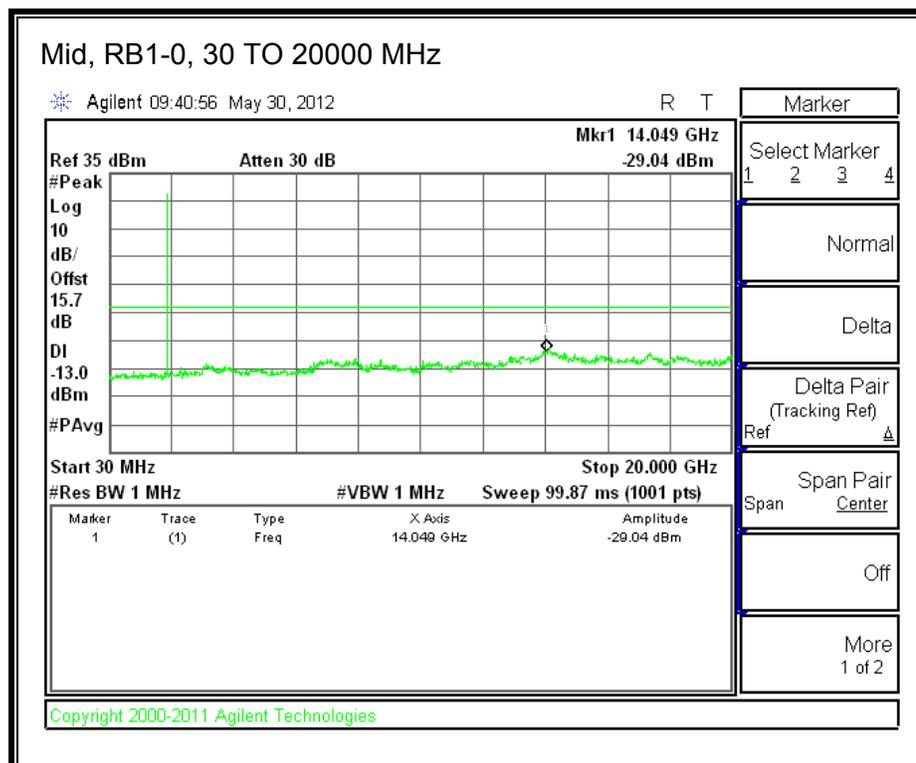
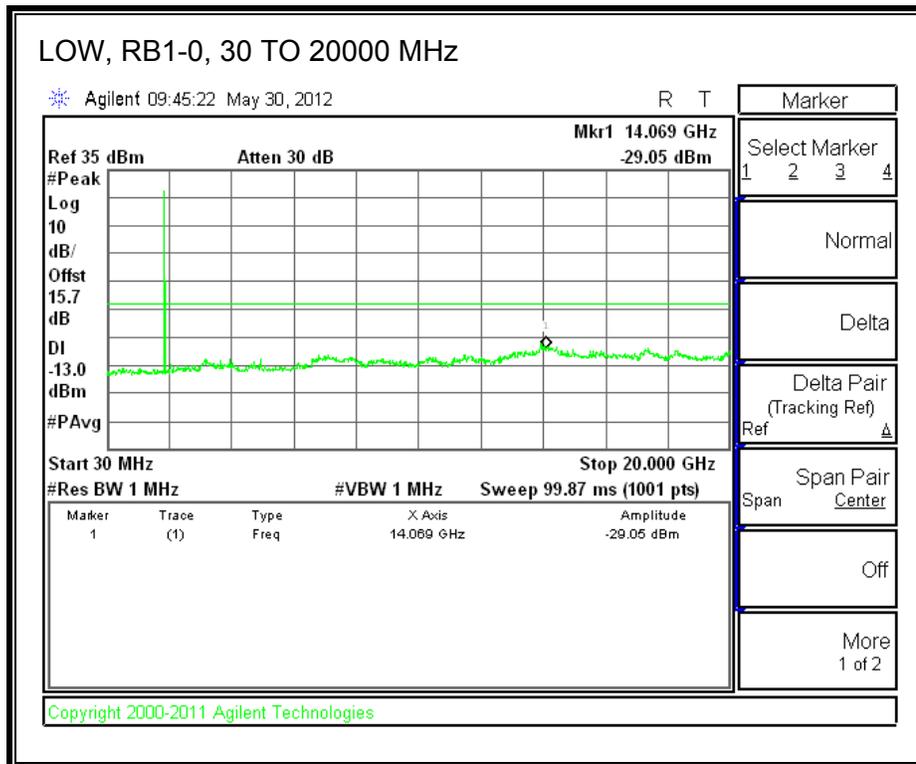


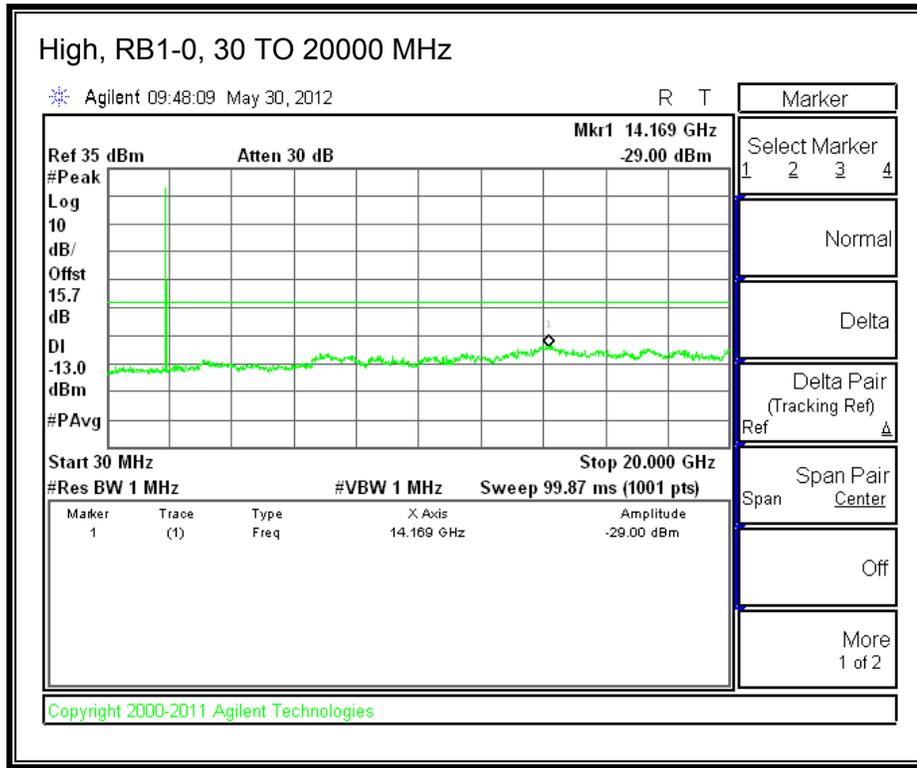
LTE 16QAM Band 13, 782MHz (10MHz Bandwidth)



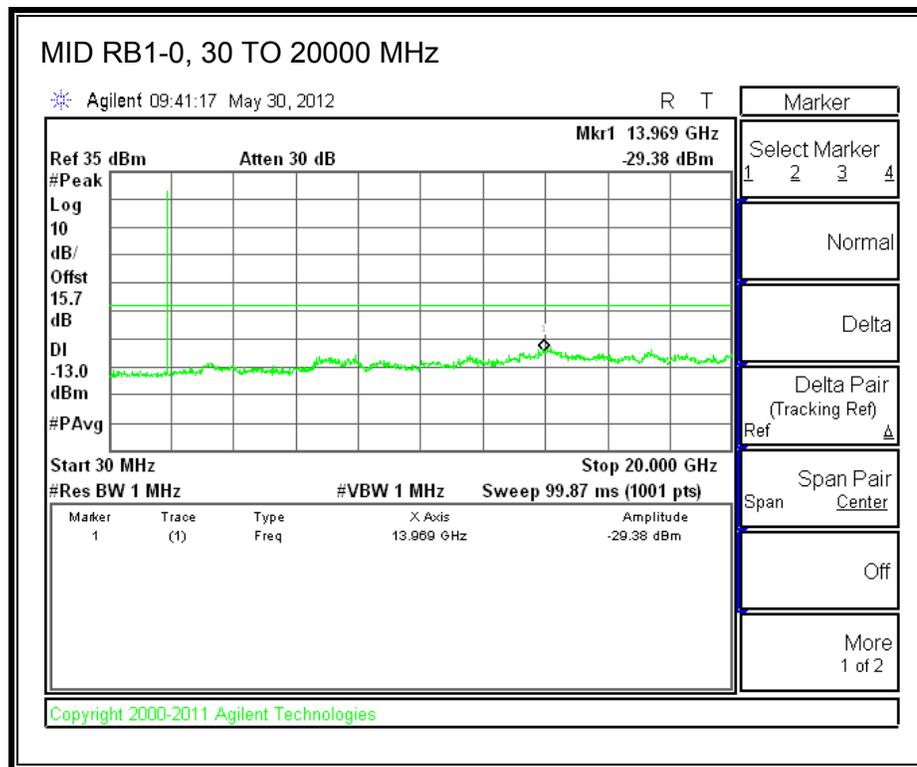
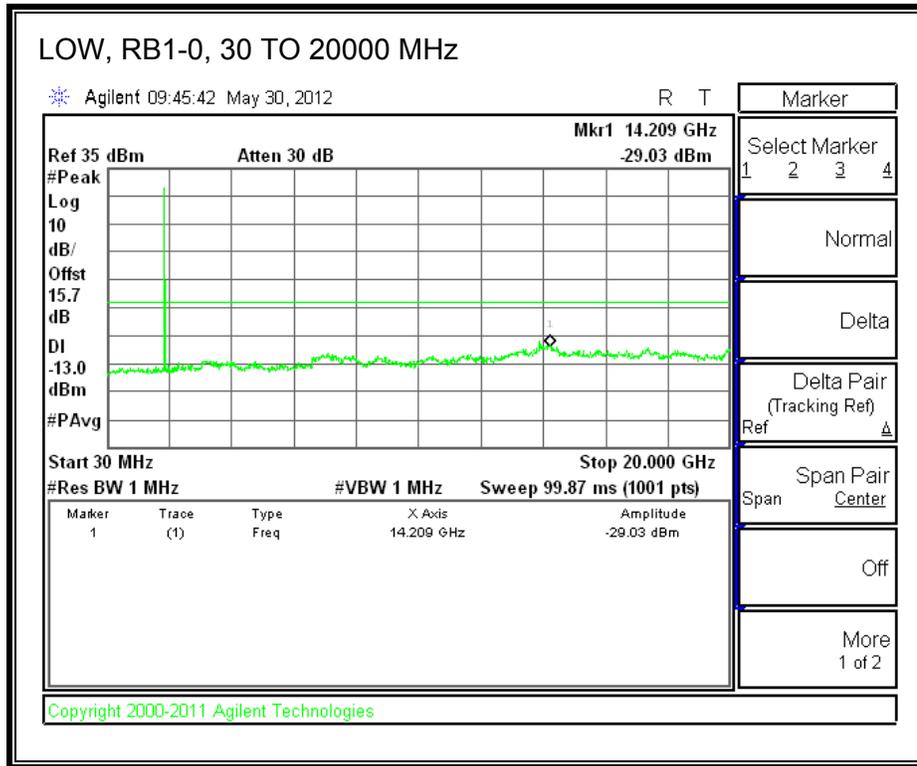
8.3.6. A1429 UAT PORT LTE BAND 25

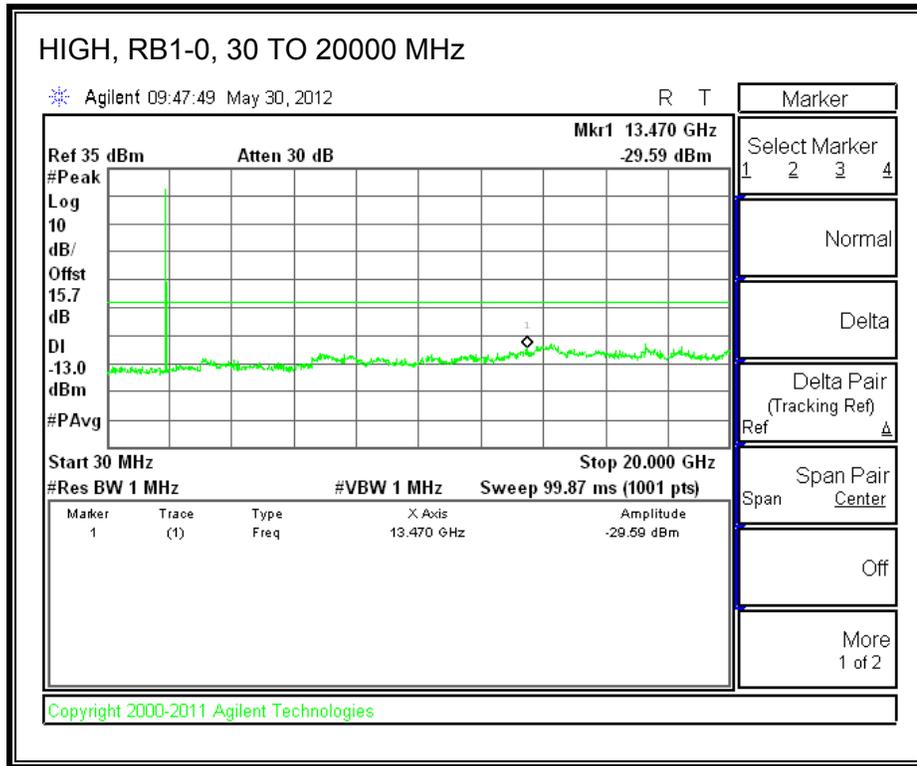
LTE QPSK (1.4 MHz BAND WIDTH)





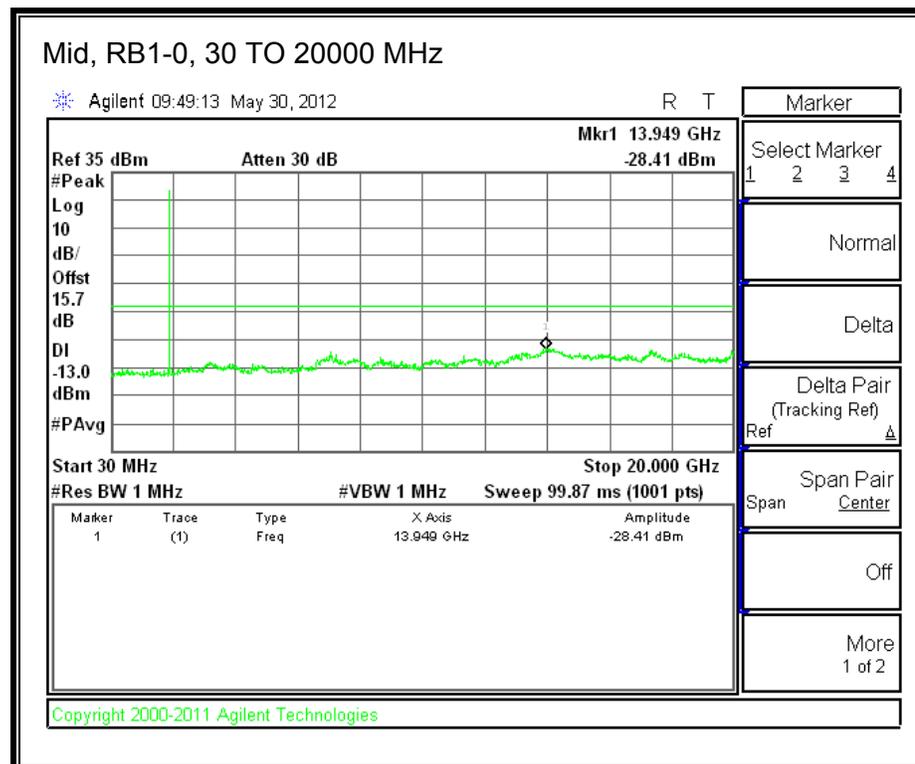
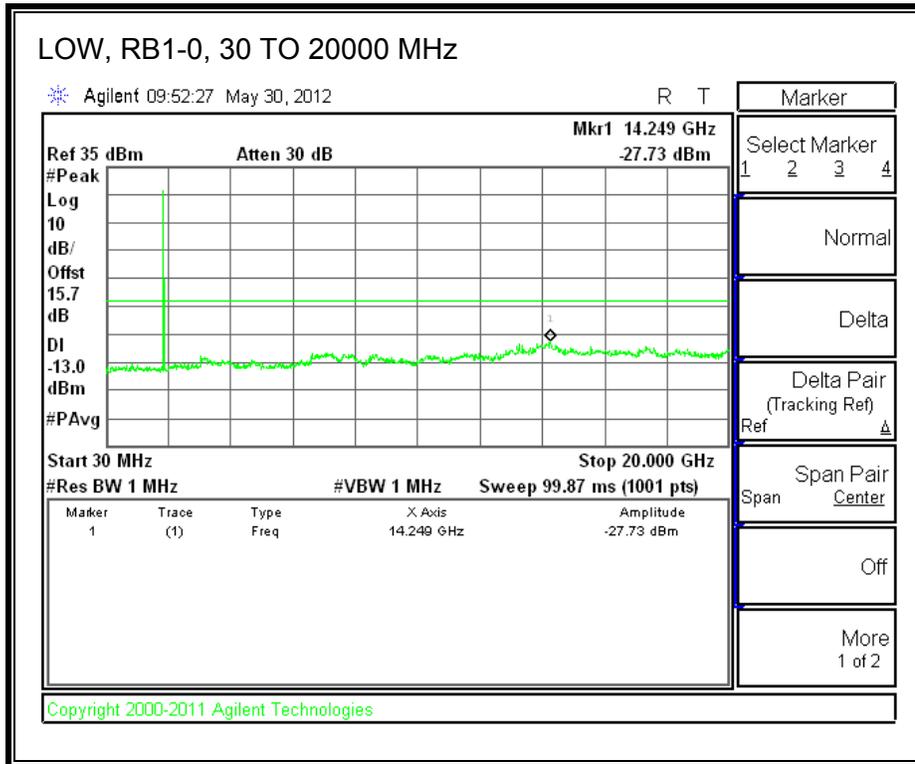
LTE 16QAM

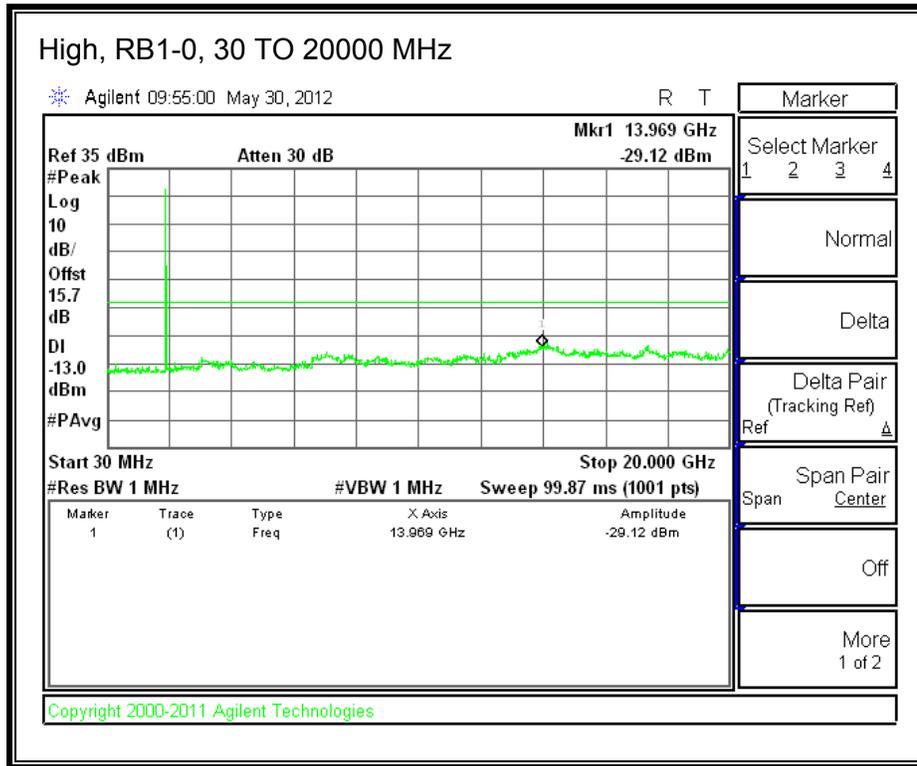




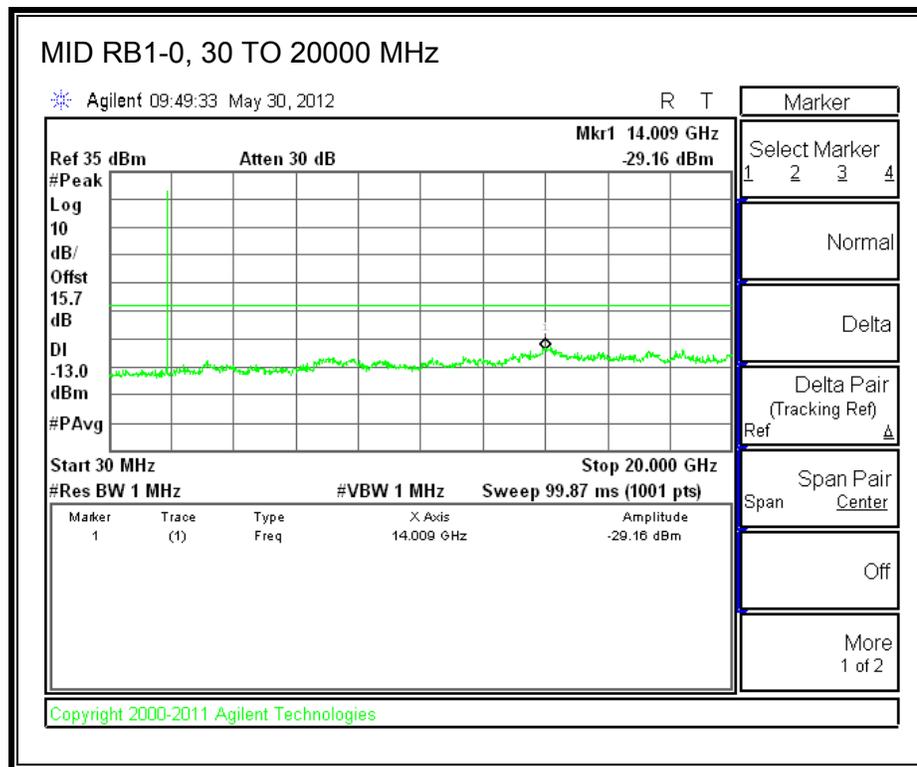
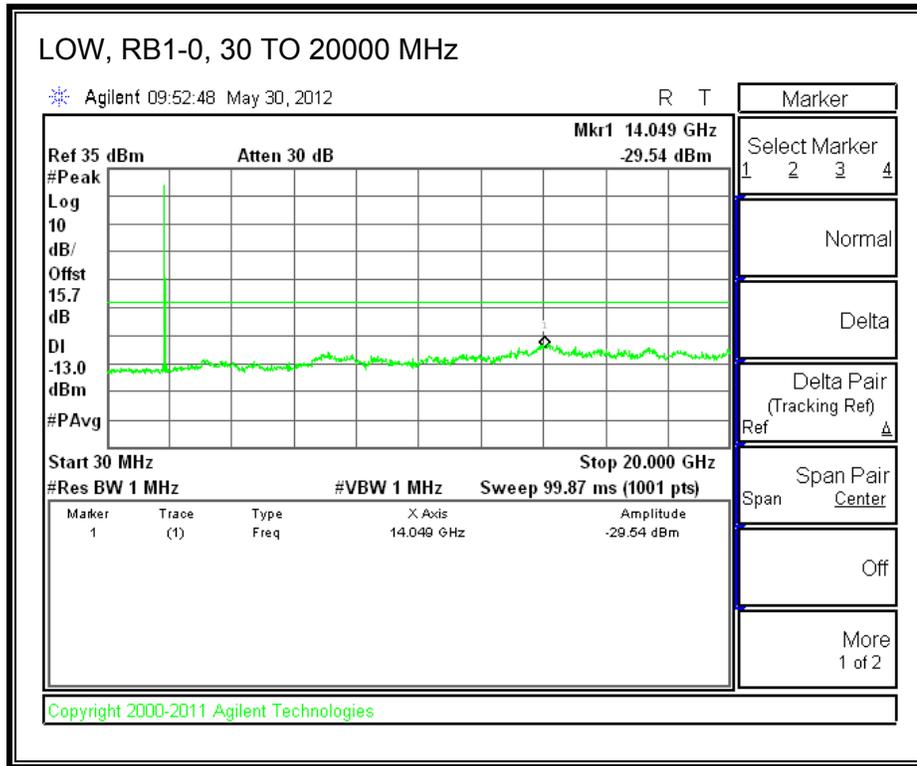
Band 25 (3.0 MHz BAND WIDTH)

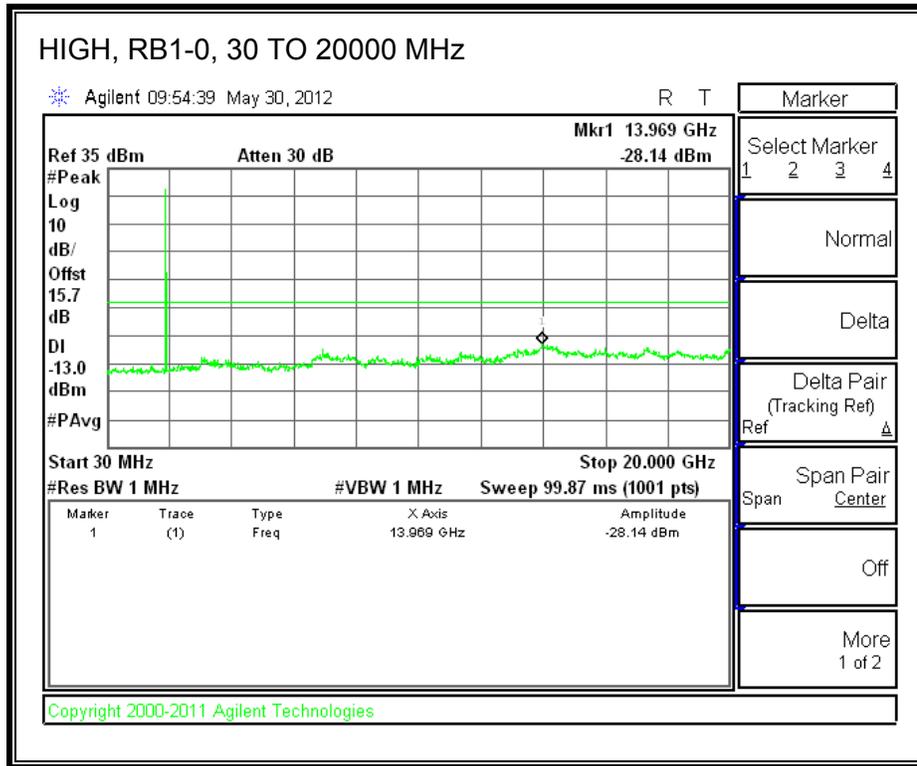
LTE QPSK





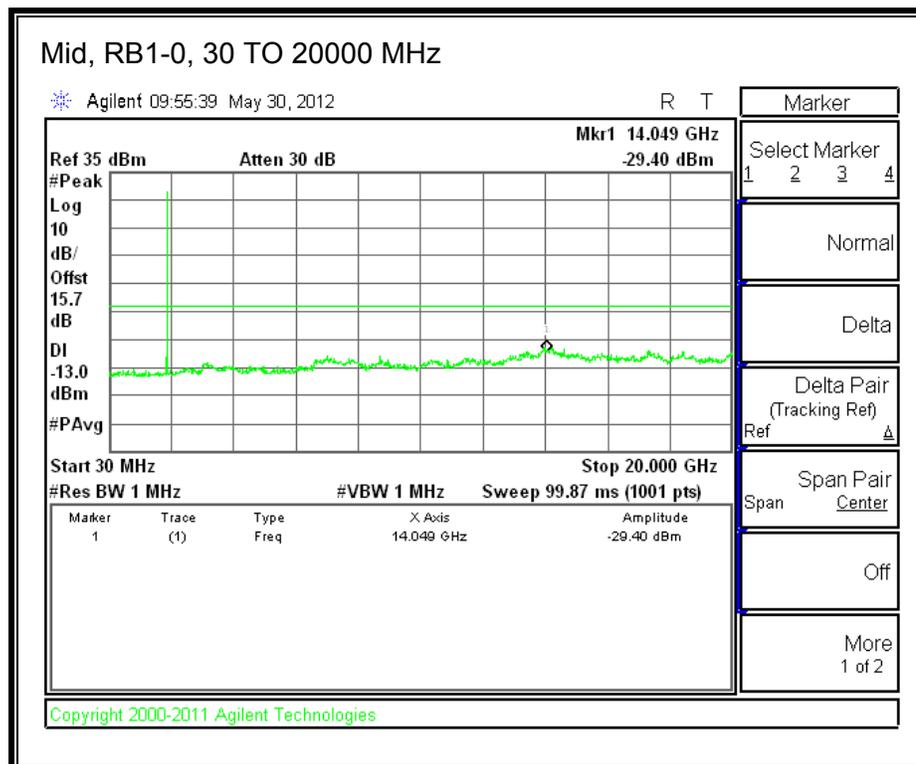
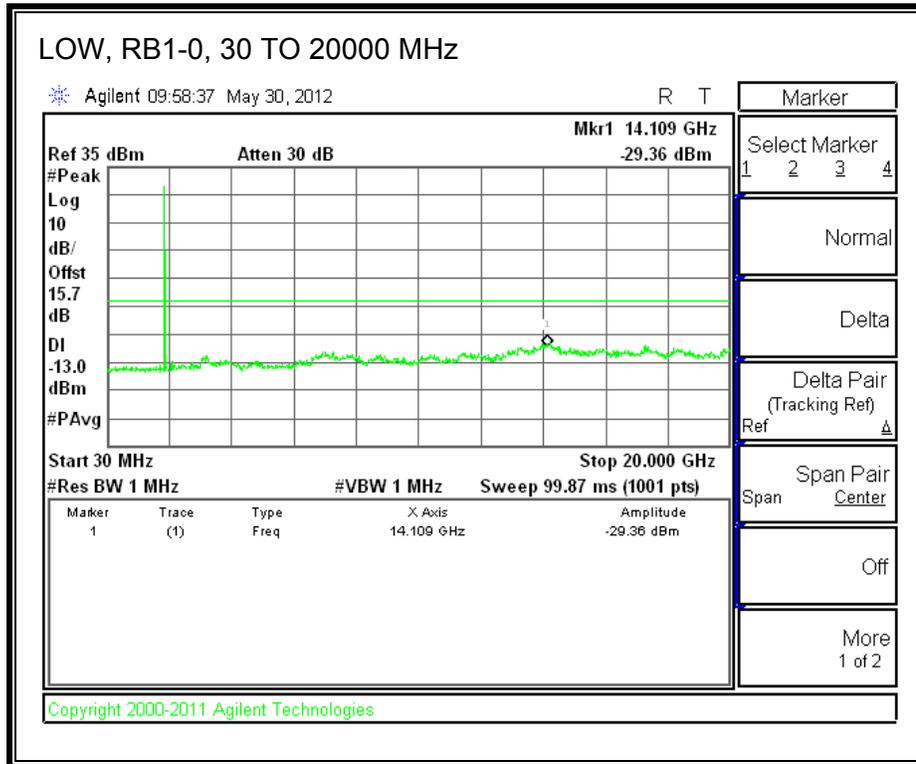
LTE 16QAM

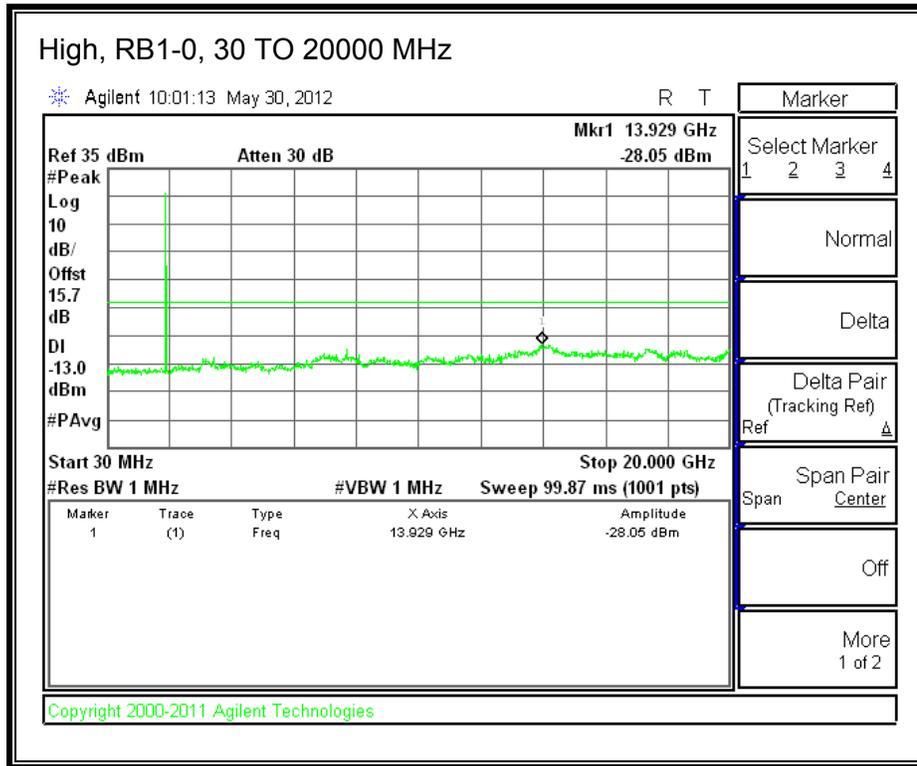




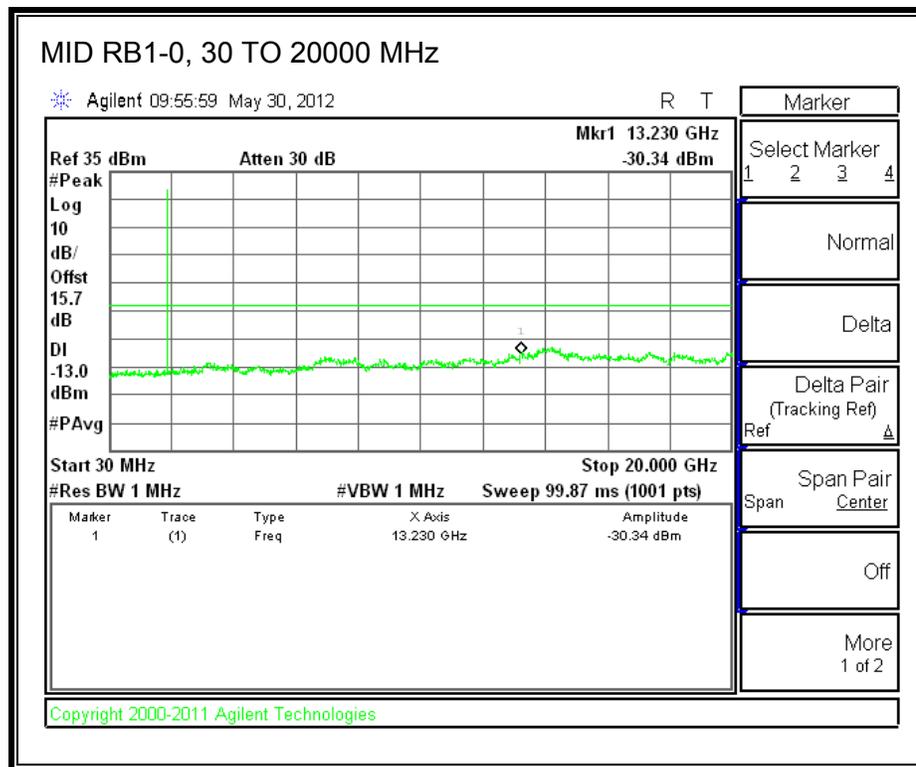
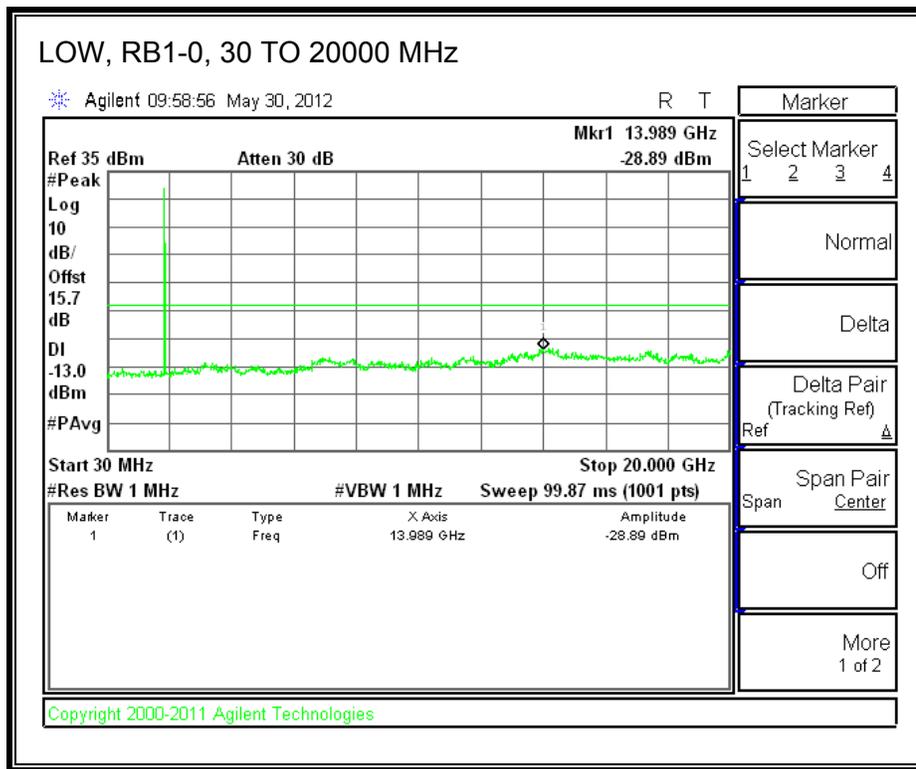
Band 25 (5.0 MHz BAND WIDTH)

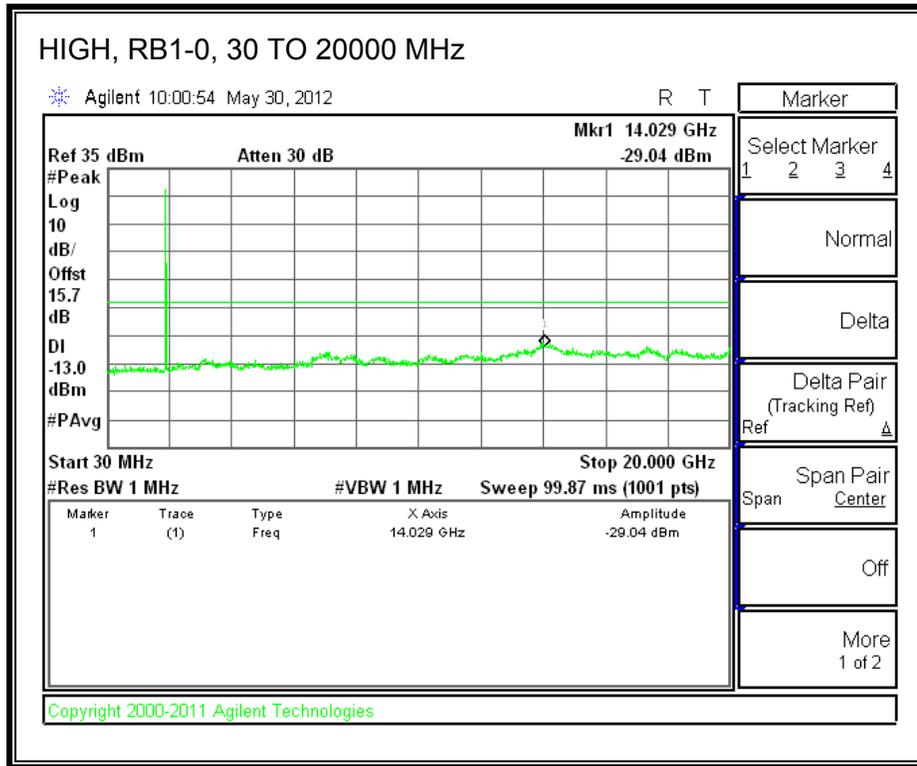
LTE QPSK





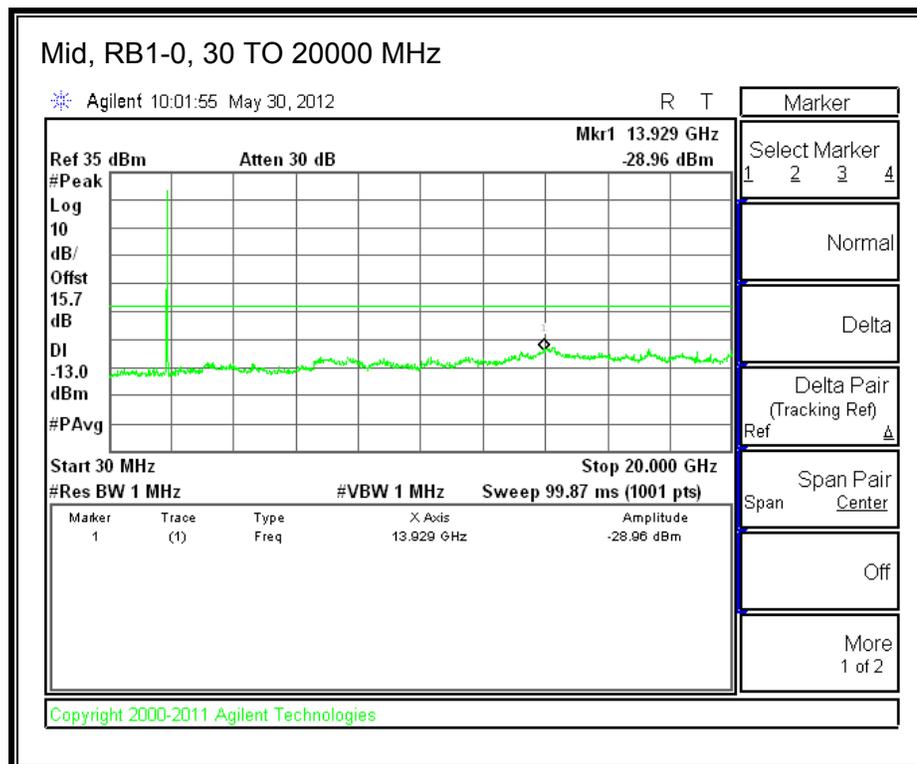
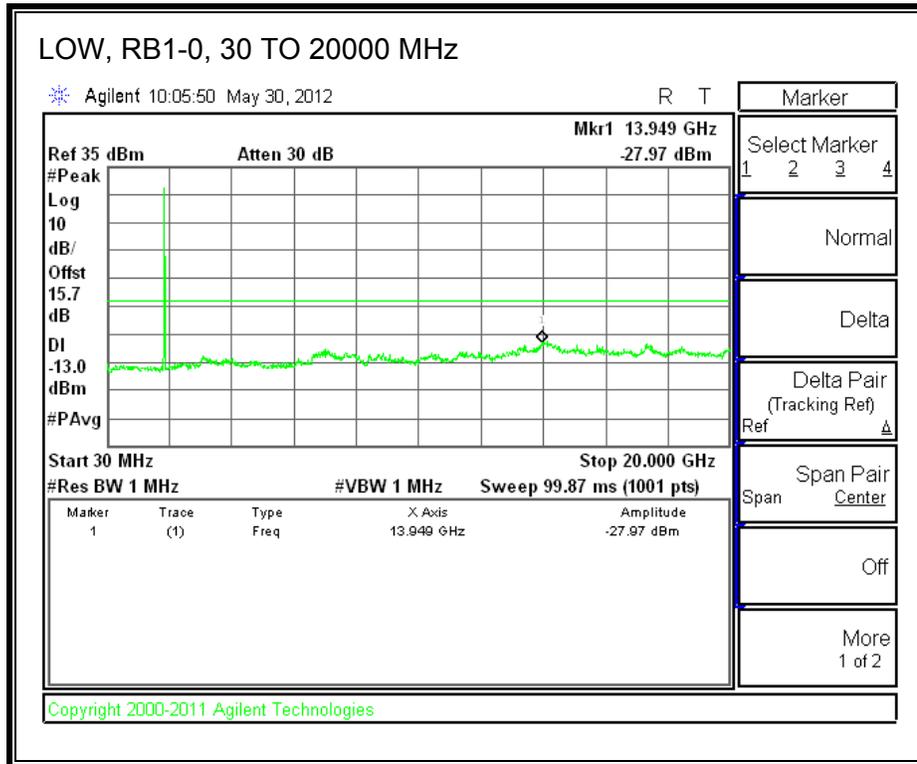
LTE 16QAM

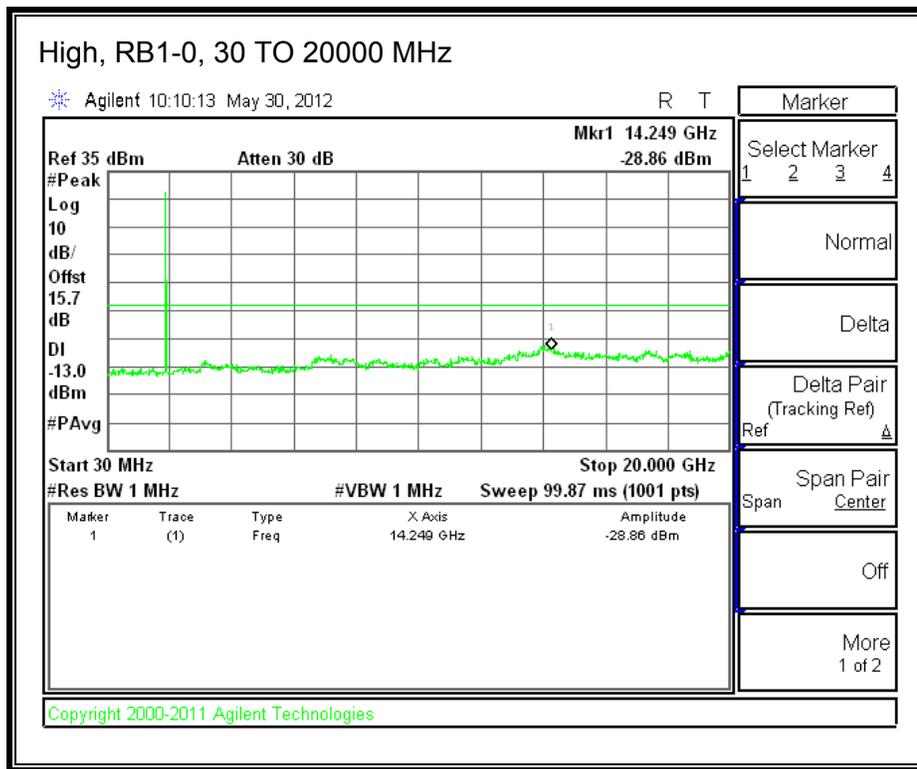




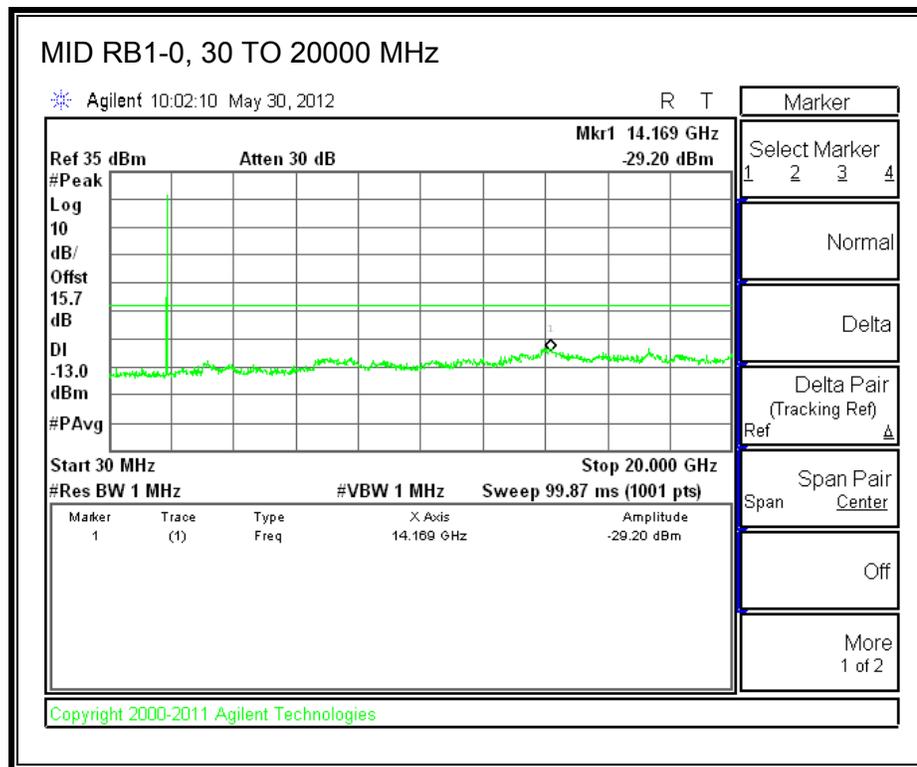
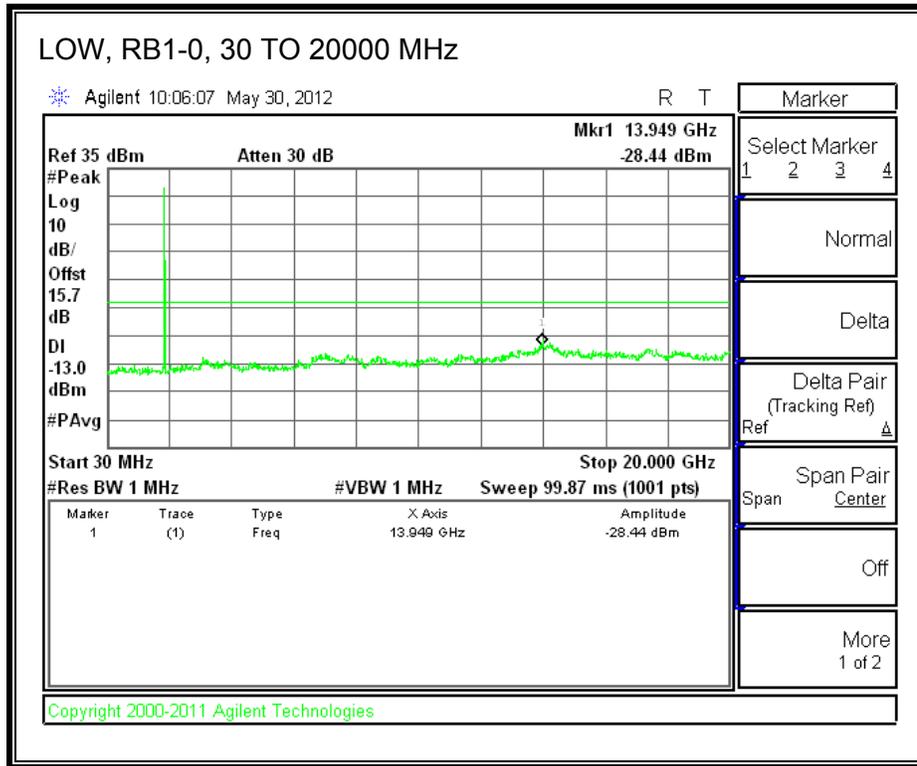
Band 25 (10.0 MHz BAND WIDTH)

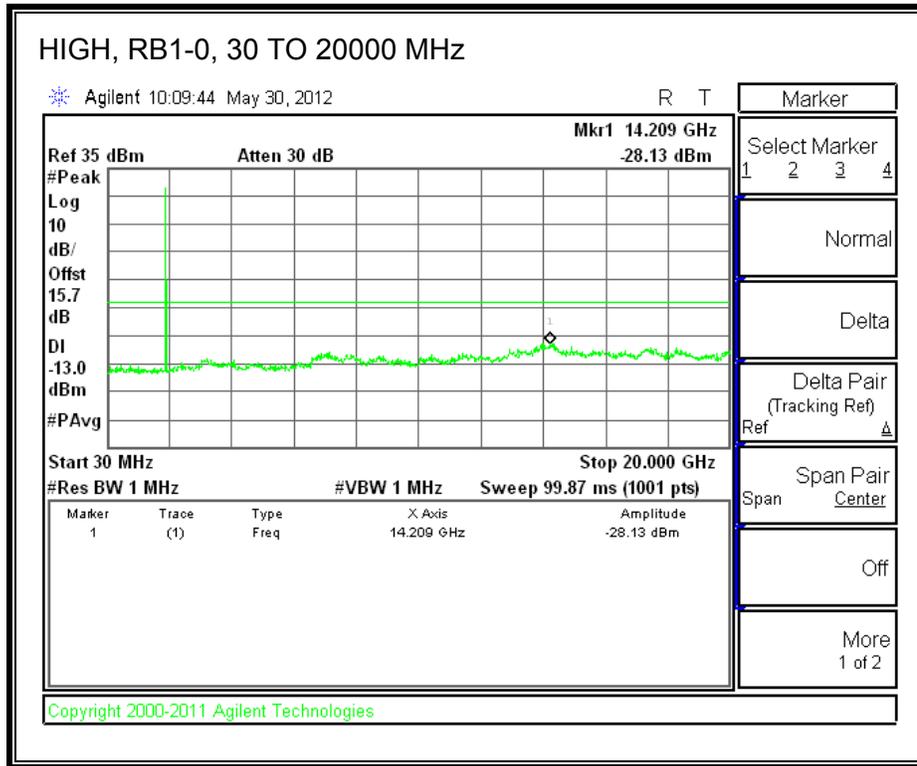
LTE QPSK





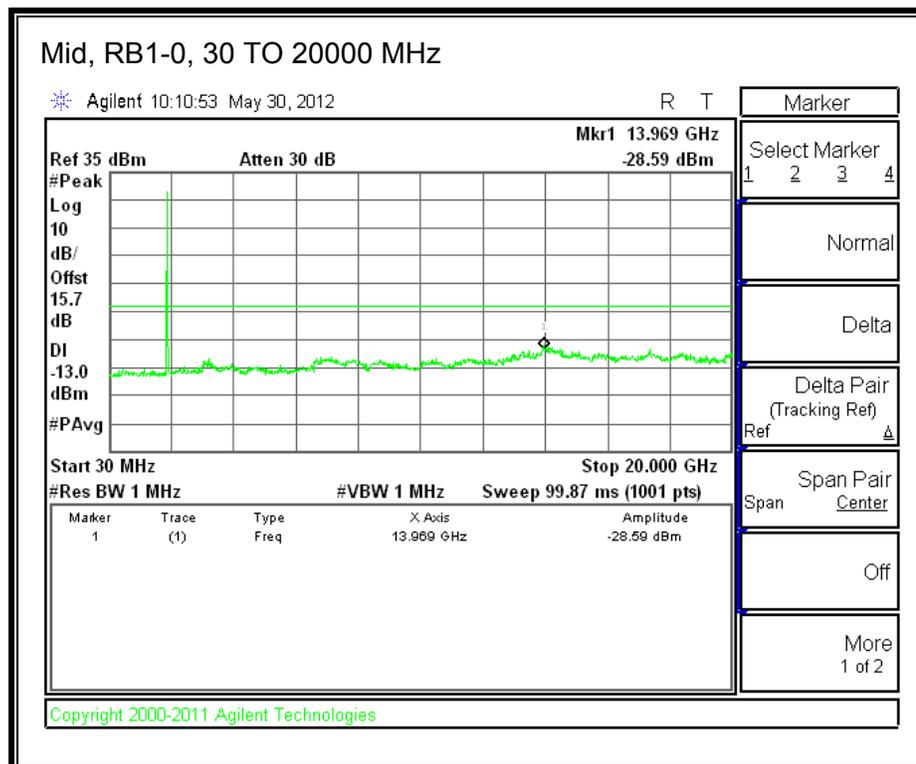
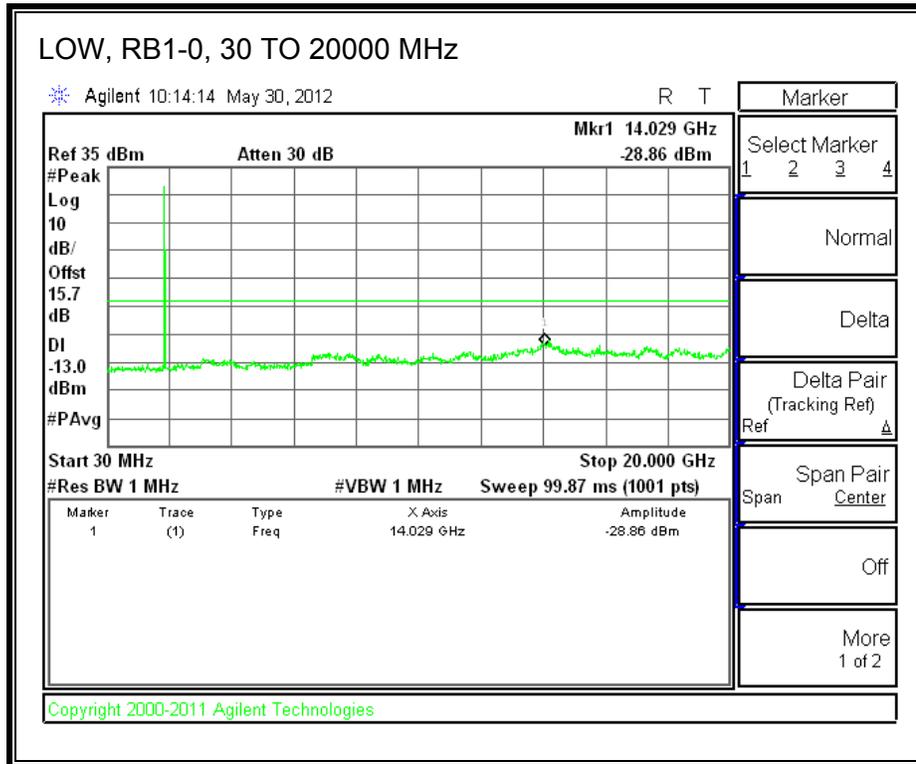
LTE 16QAM

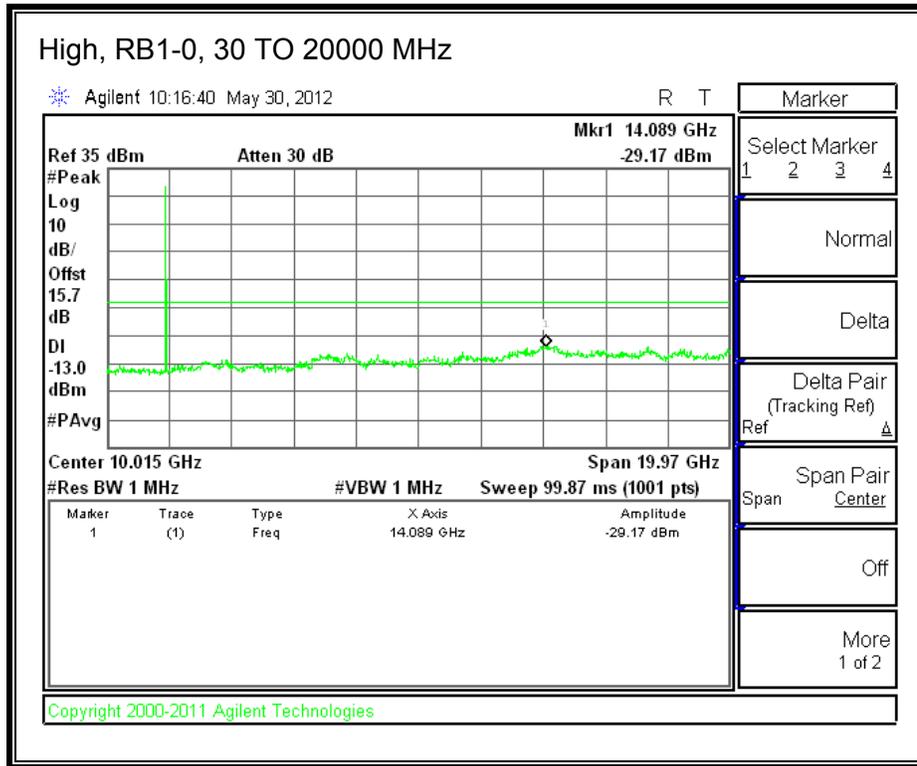




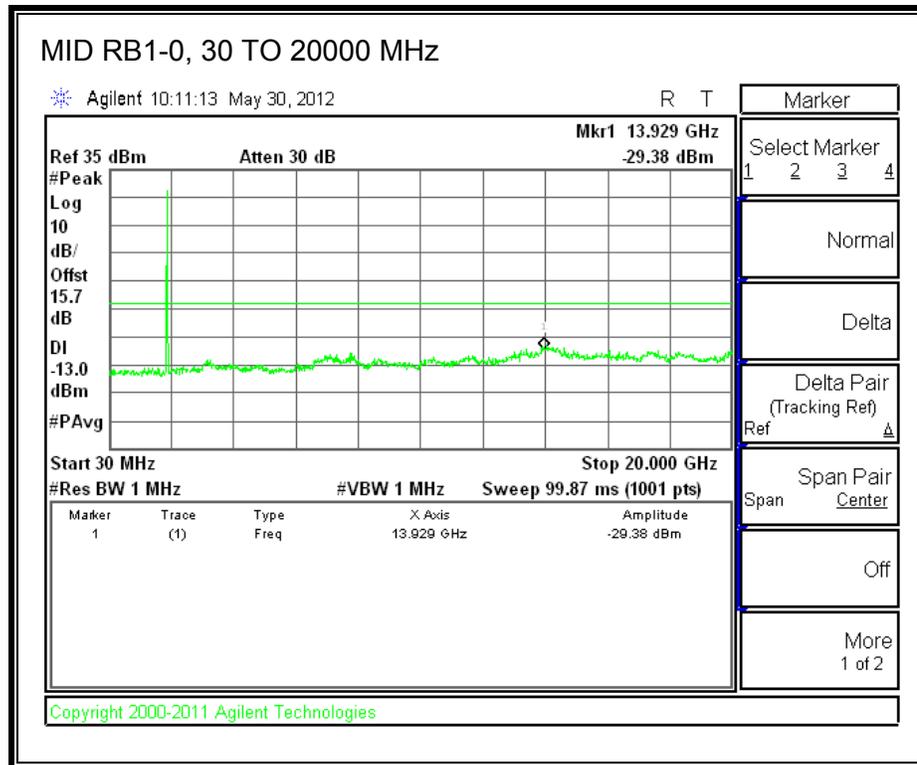
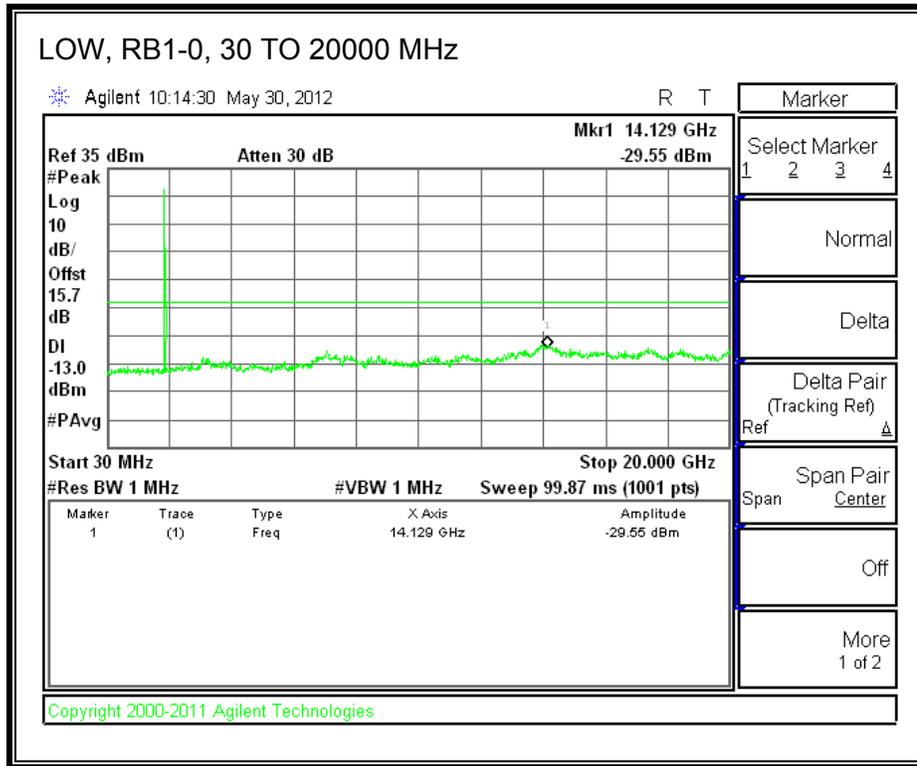
Band 25 (15.0 MHz BAND WIDTH)

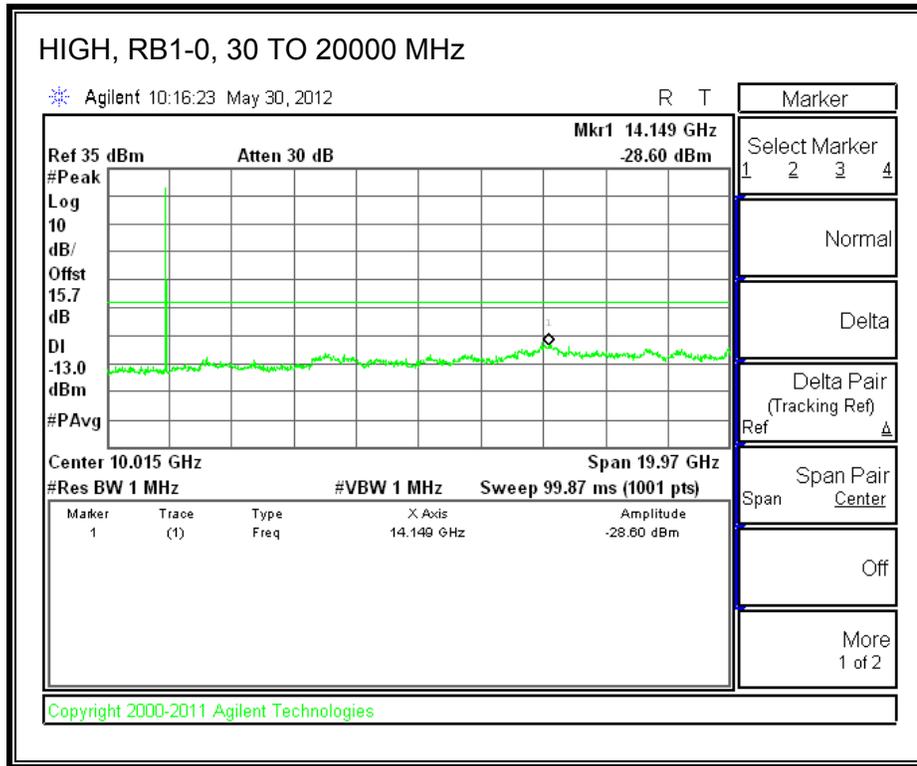
LTE QPSK





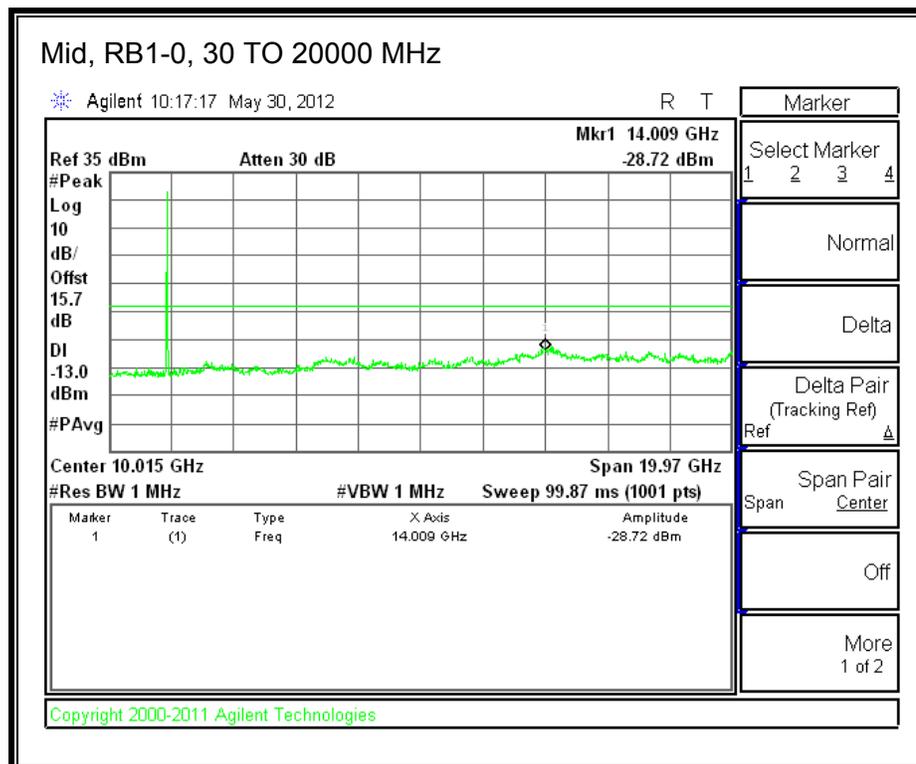
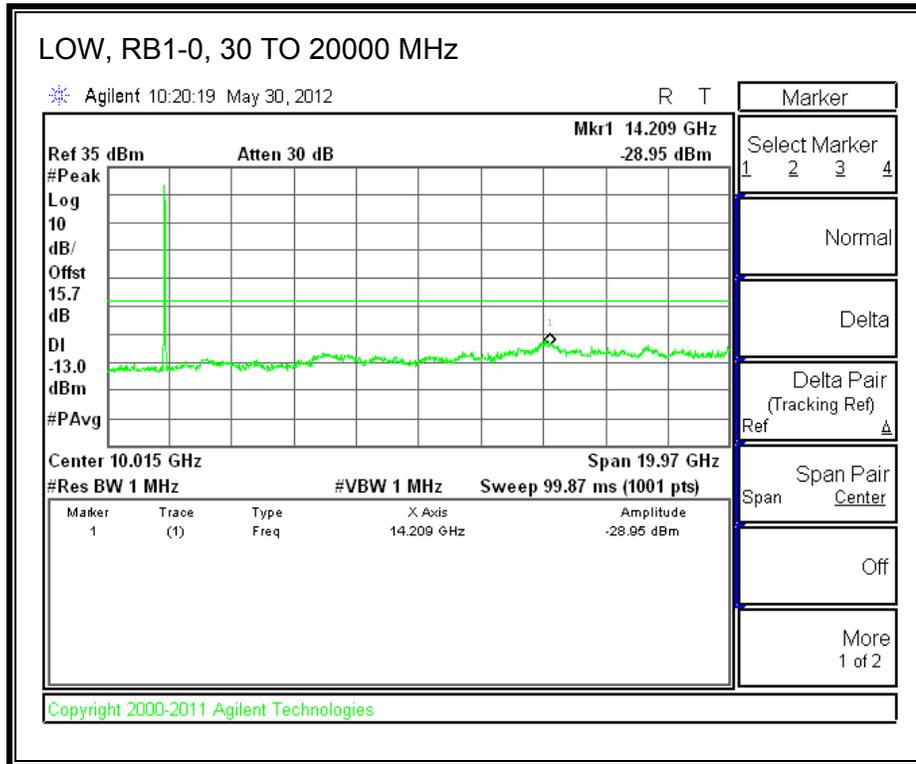
LTE 16QAM

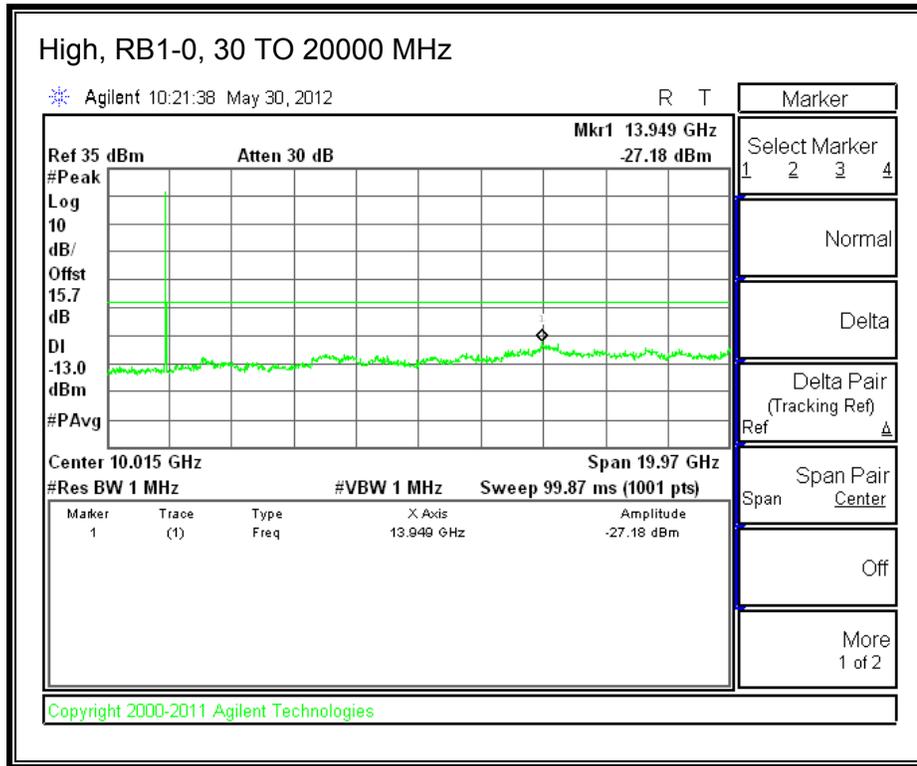




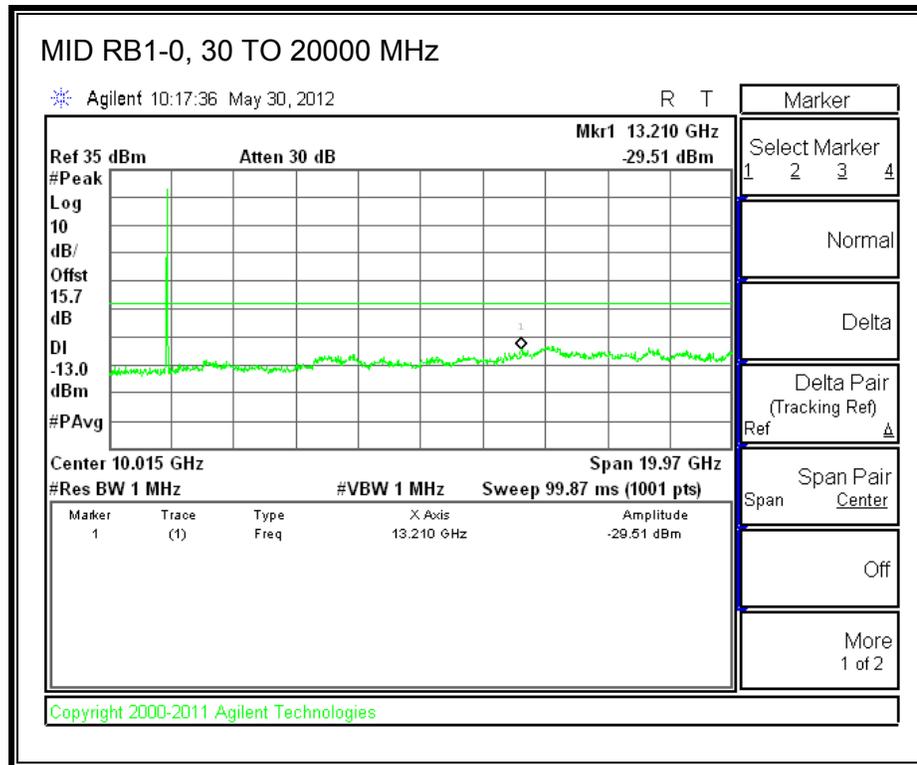
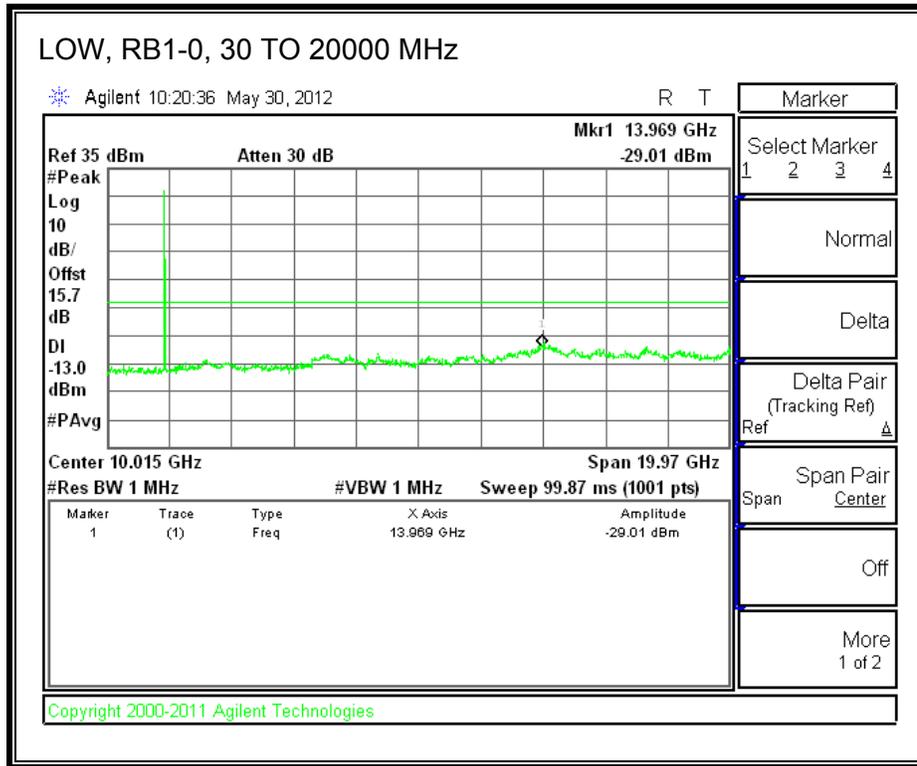
Band 25 (20.0 MHz BAND WIDTH)

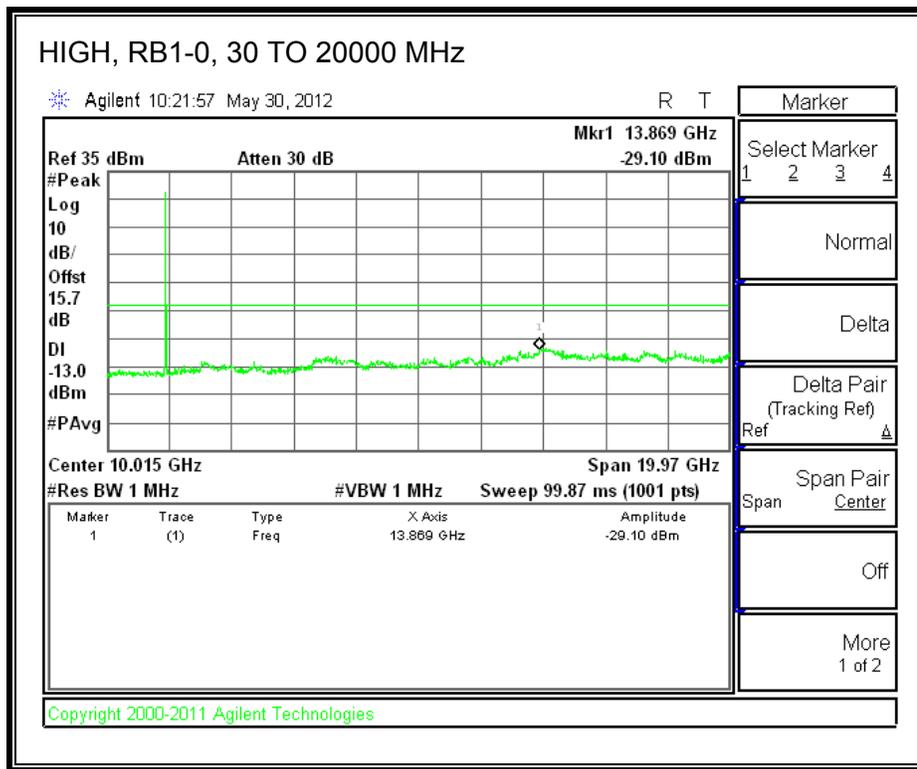
LTE QPSK





LTE 16QAM





8.4. FREQUENCY STABILITY

RULE PART(S)

FCC: §2.1055, §22.355, §24.235, §27.54

LIMITS

§22.355 & RSS-132 4.3 - The carrier frequency shall not depart from the reference frequency in excess of ± 2.5 ppm for mobile stations.

RSS-133 6.3 - The carrier frequency shall not depart from the reference frequency in excess of ± 2.5 ppm for mobile stations.

§24.235 - The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

TEST PROCEDURE

Use CMW 500 with Frequency Error measurement capability.

- Temp. = -30° to $+50^{\circ}\text{C}$
- Voltage = low voltage, 3.4VDC, Normal, 3.8VDC and High voltage, 4.3VDC.

Frequency Stability vs Temperature:

The EUT is placed inside a temperature chamber. The temperature is set to 20°C and allowed to stabilize. After sufficient soak time, the transmitting frequency error is measured. The temperature is increased by 10 degrees, allowed to stabilize and soak, and then the measurement is repeated. This is repeated until $+50^{\circ}\text{C}$ is reached.

Frequency Stability vs Voltage:

The peak frequency error is recorded (worst-case).

MODES TESTED

- LTE Band 2
- LTE Band 4
- LTE Band 17
- LTE Band 5
- LTE Band 25

RESULTS

See the following pages.