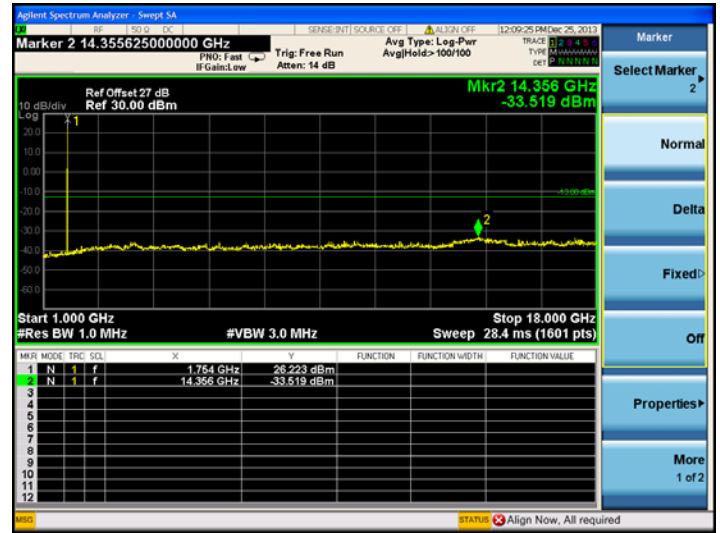
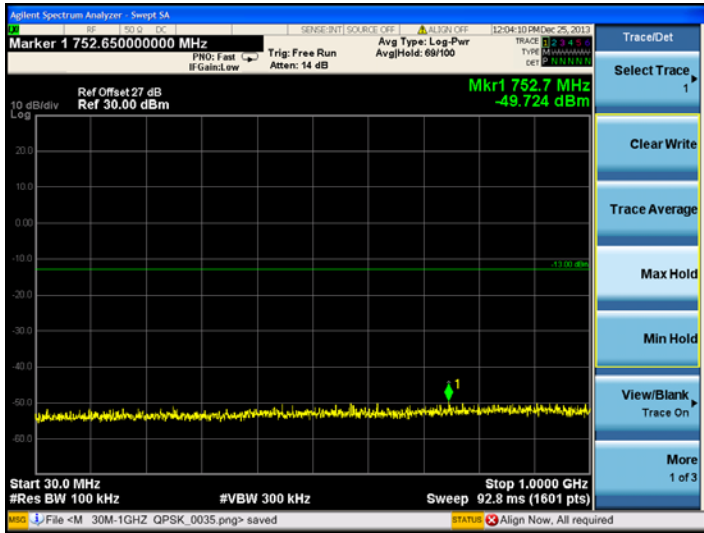
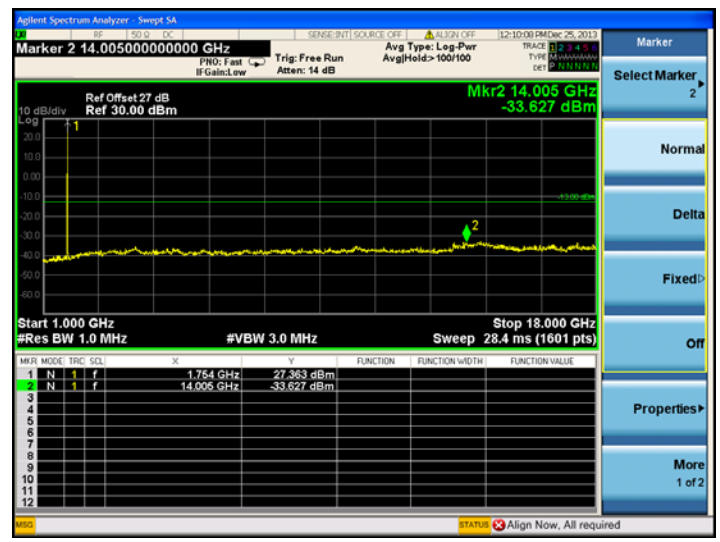
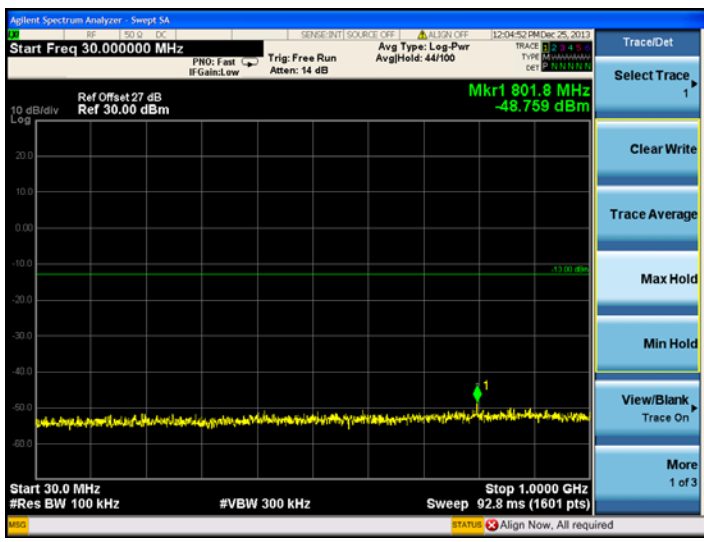




LTE Band 4 5MHz BW, High Channel
QPSK

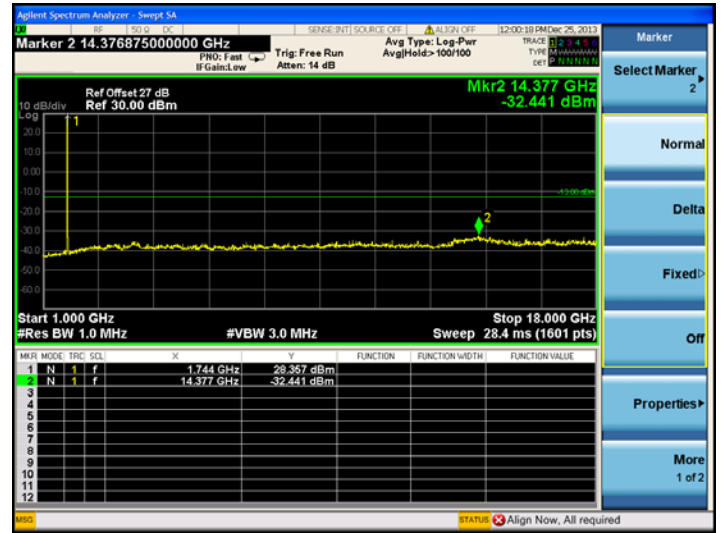
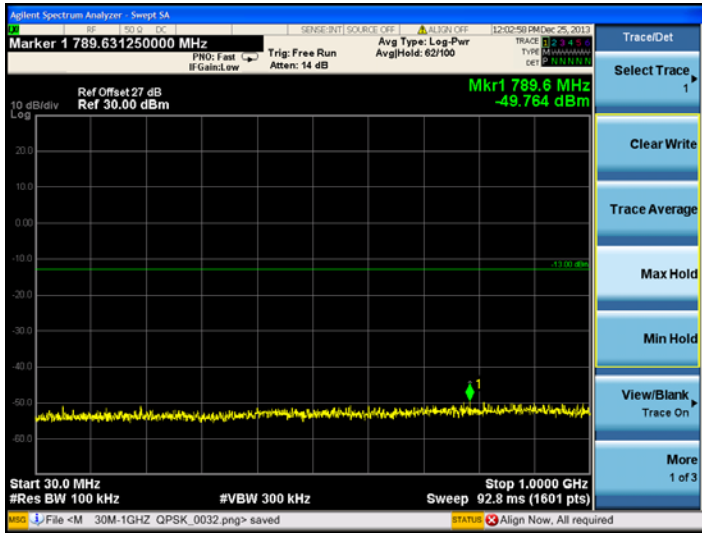


16QAM

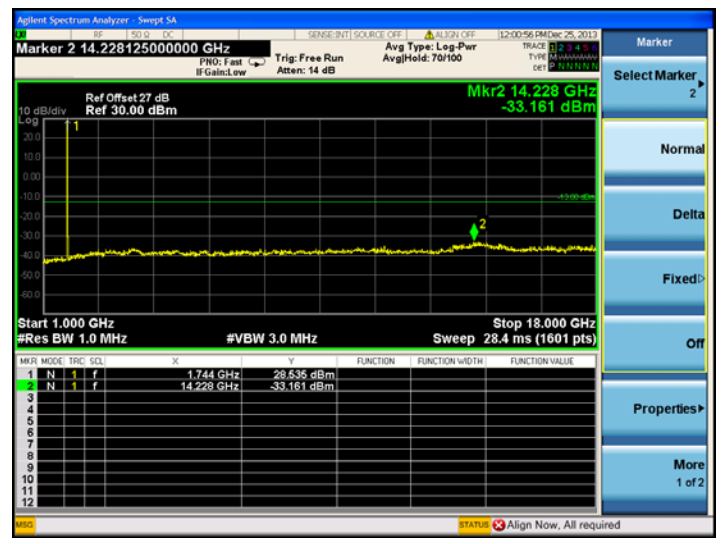
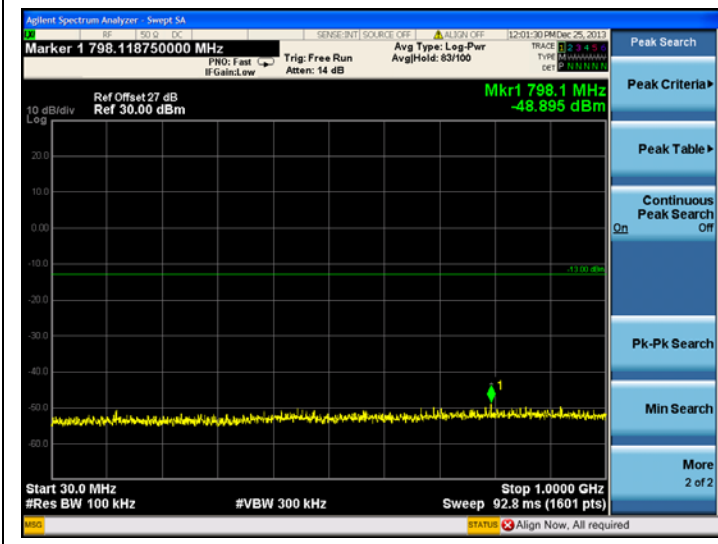




LTE Band 4 10MHz BW, High Channel
QPSK

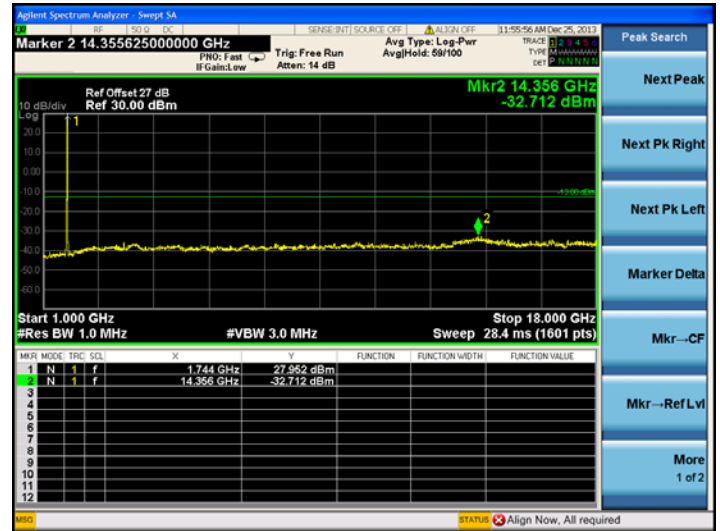
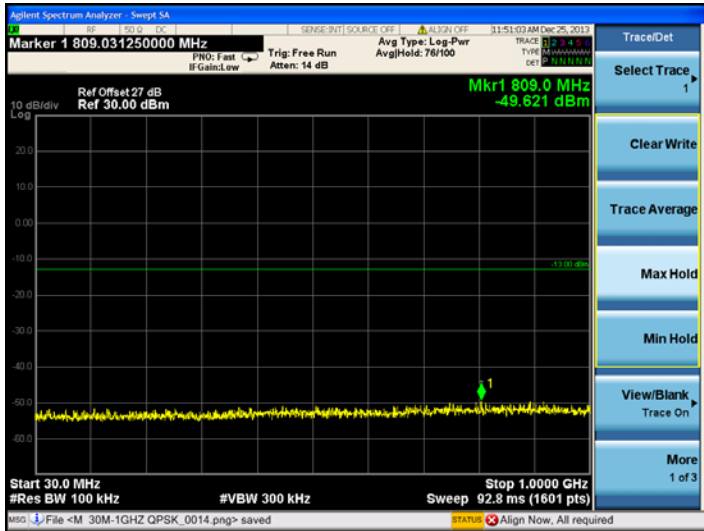


16QAM

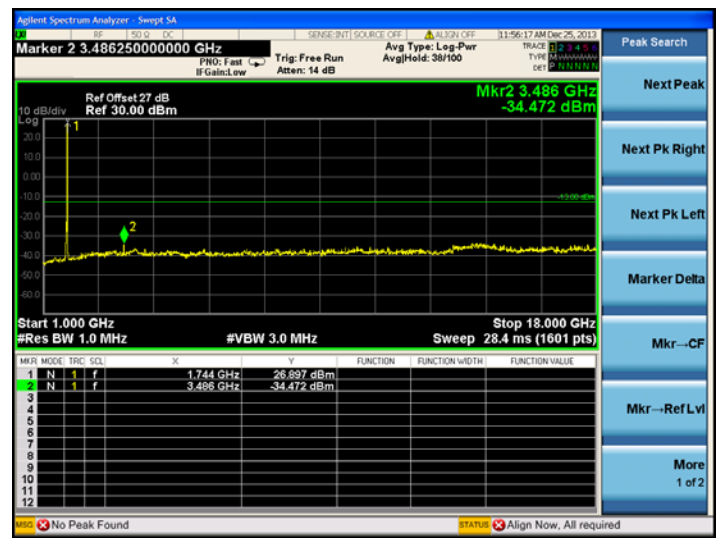
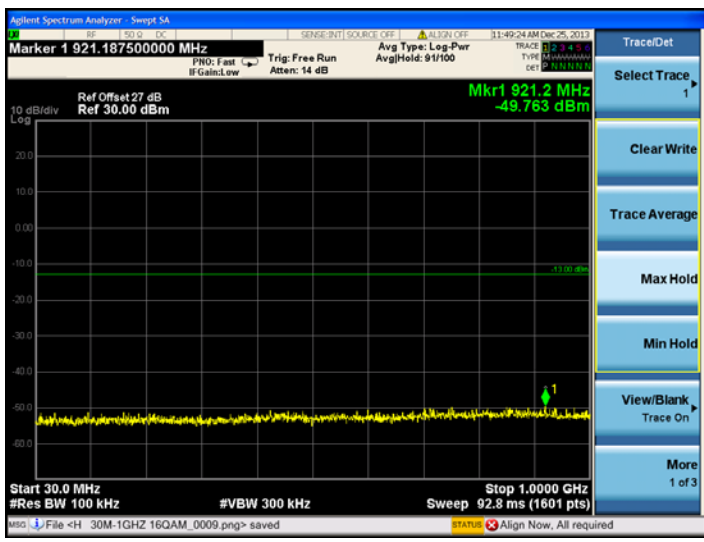




LTE Band 4 15MHz BW, High Channel
QPSK

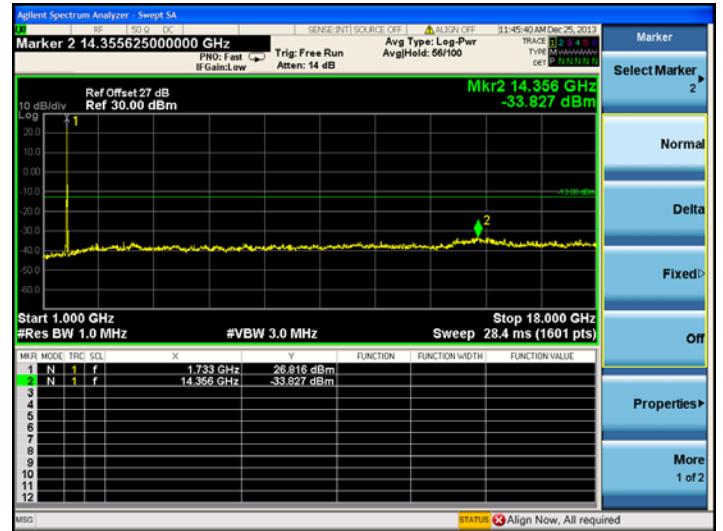
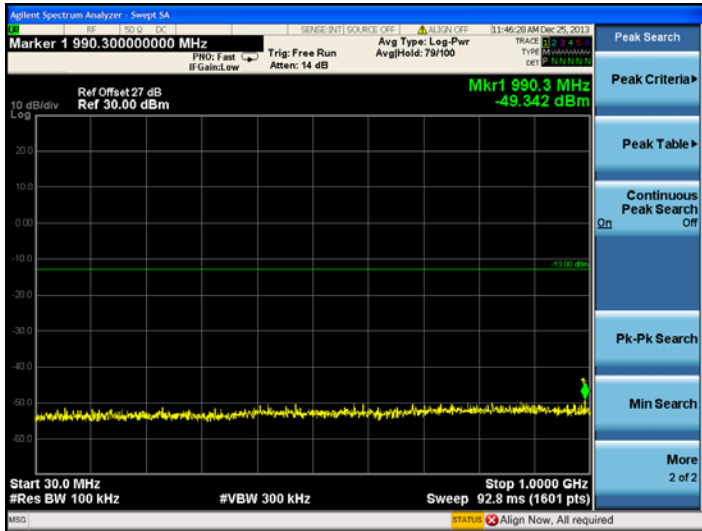


16QAM

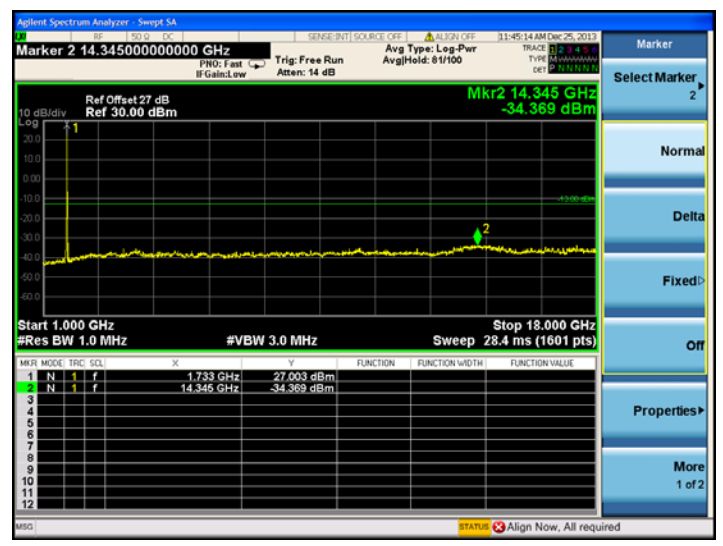
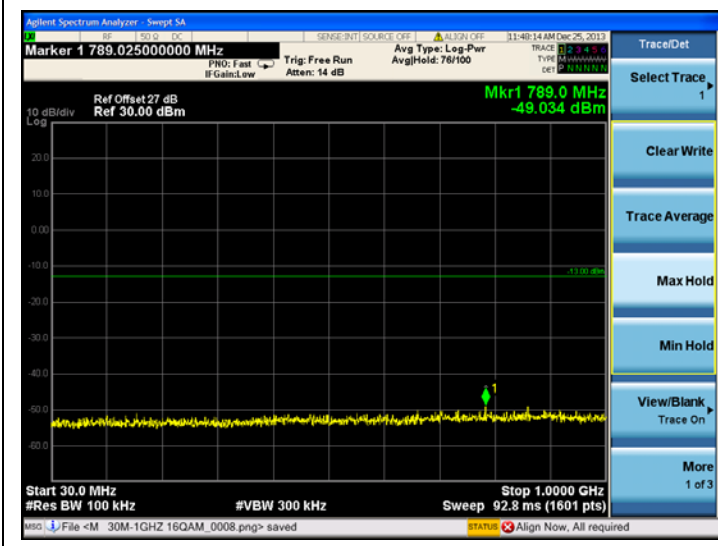




LTE Band 4 20MHz BW, High Channel
QPSK



16QAM

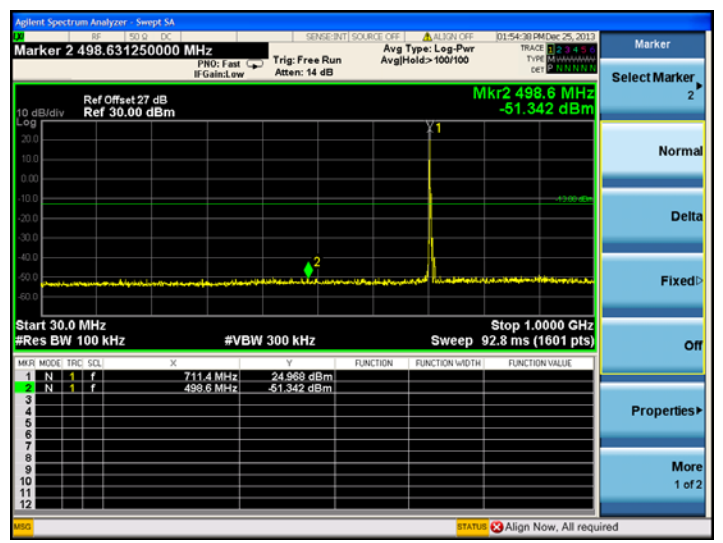
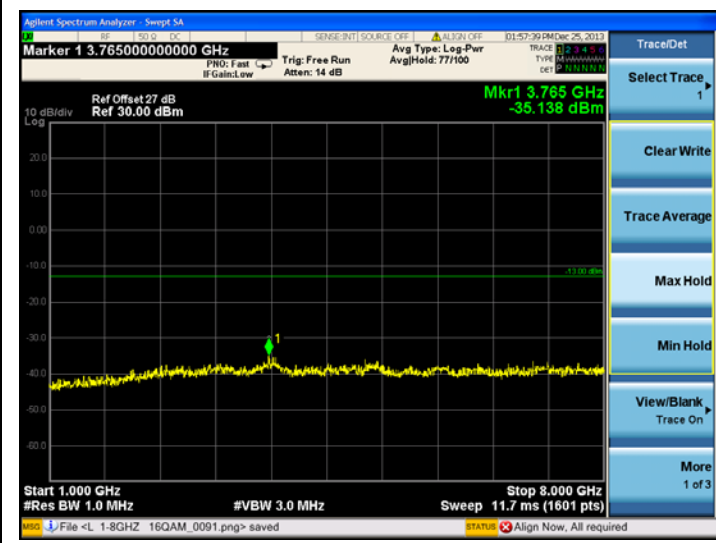




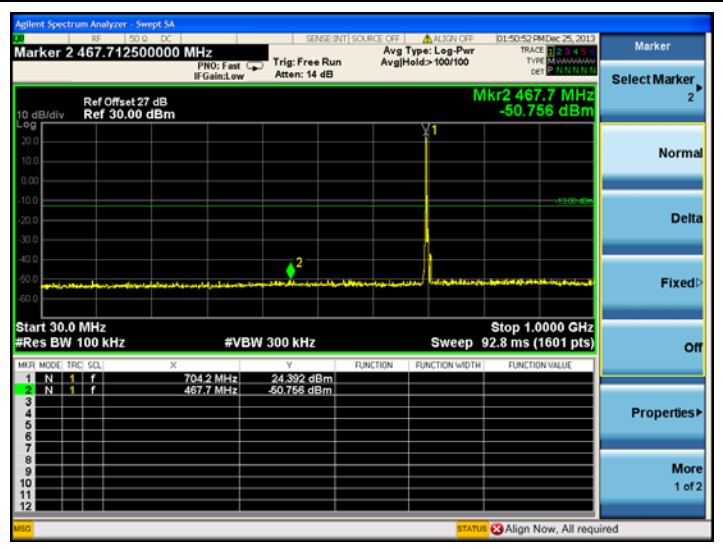
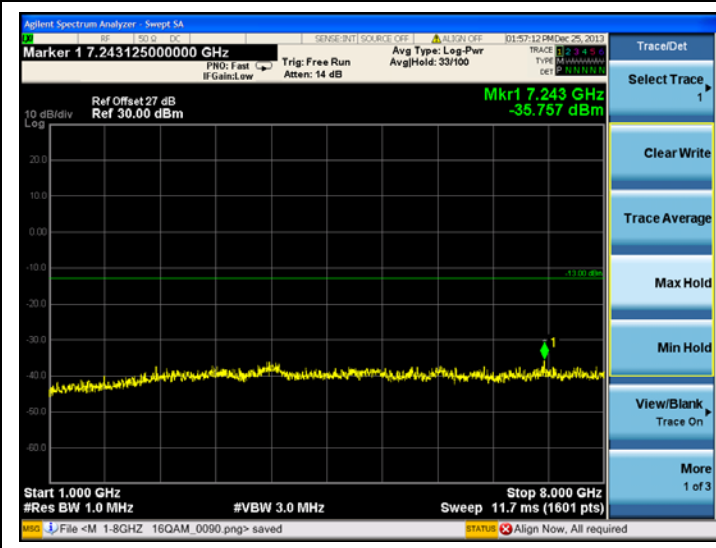
LTE Band 17
Low channel:

LTE Band 17 5MHz BW, Low Channel

QPSK



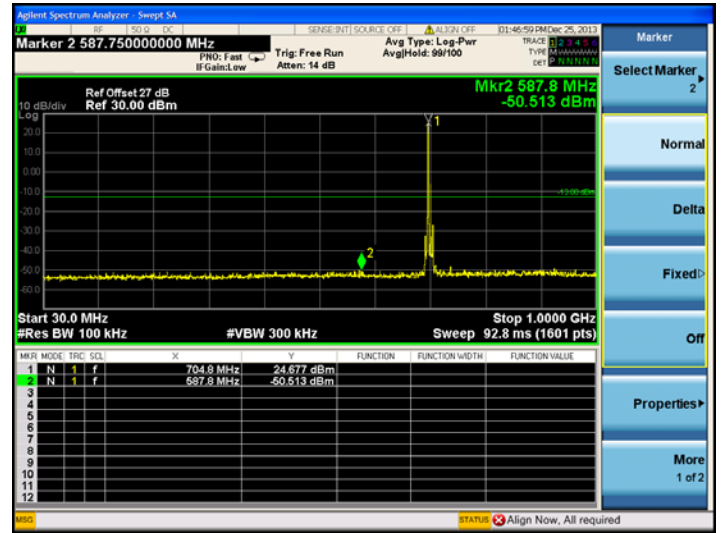
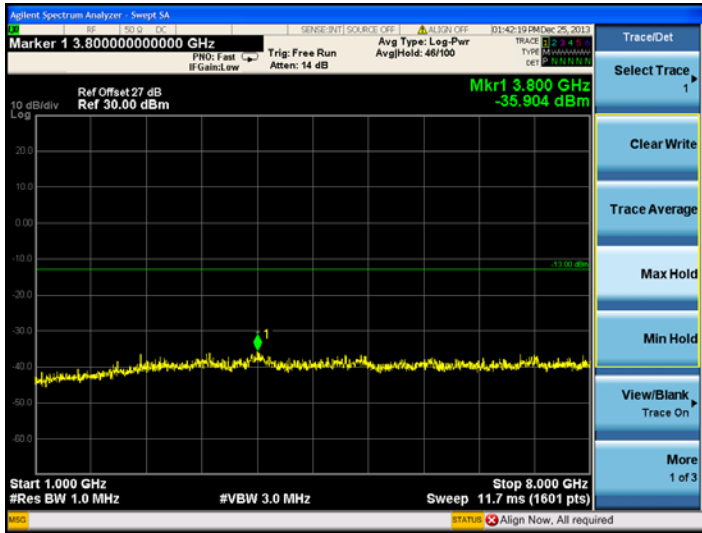
16QAM



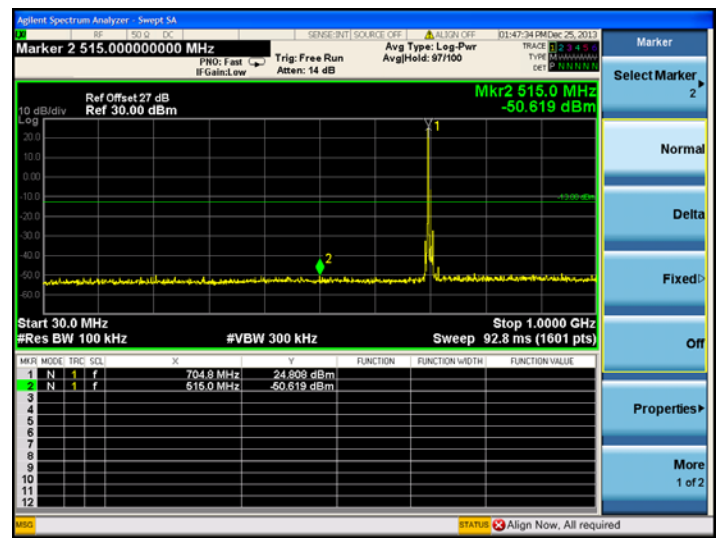
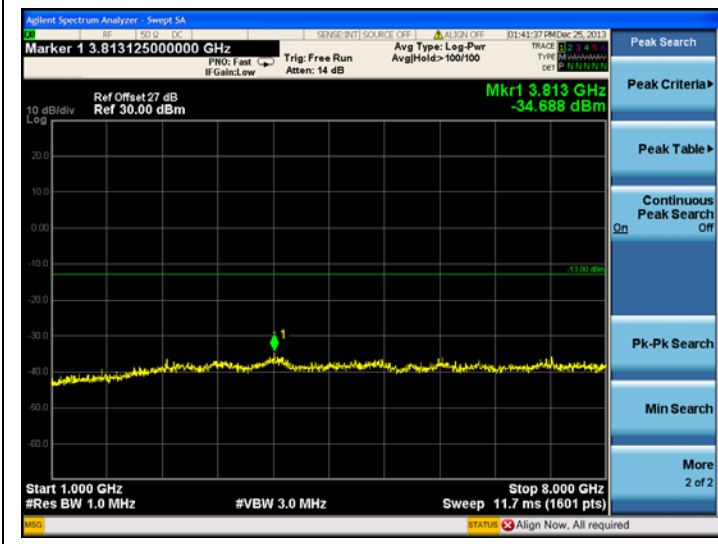


LTE Band 17 10MHz BW, Low Channel

QPSK



16QAM

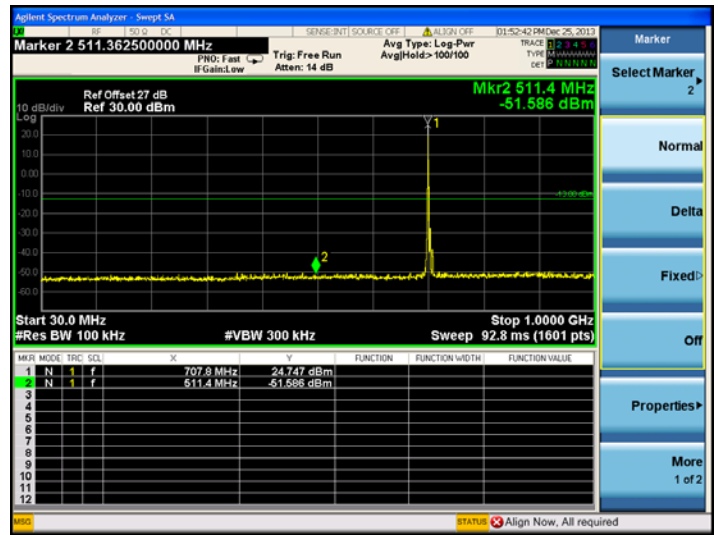
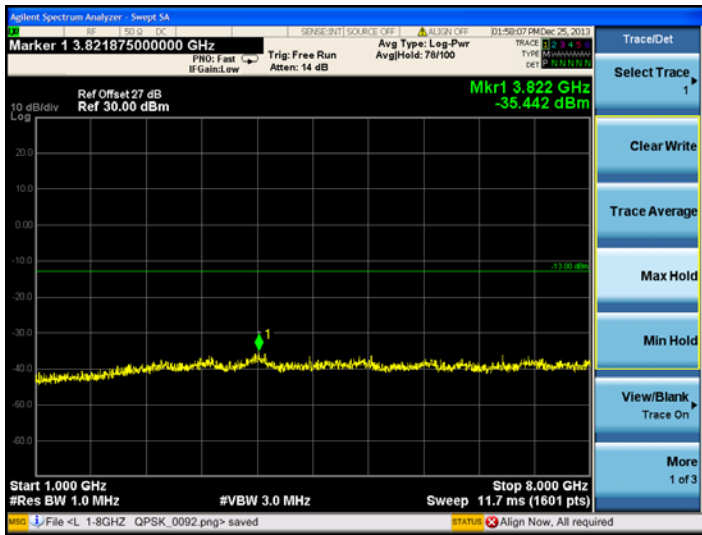




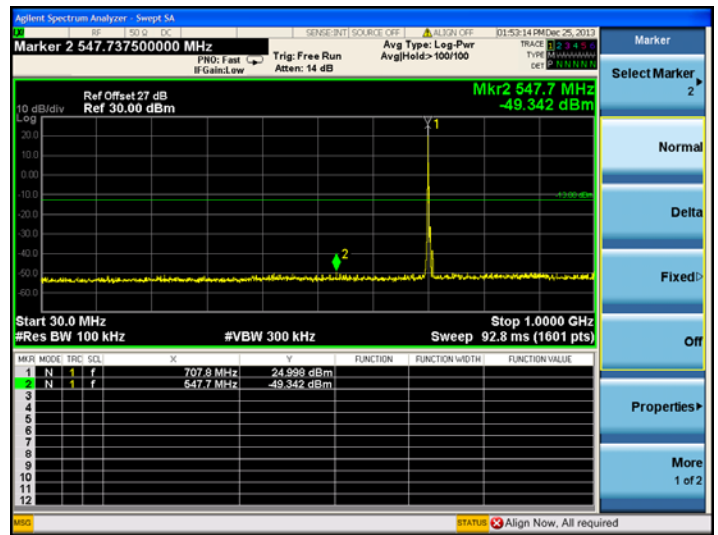
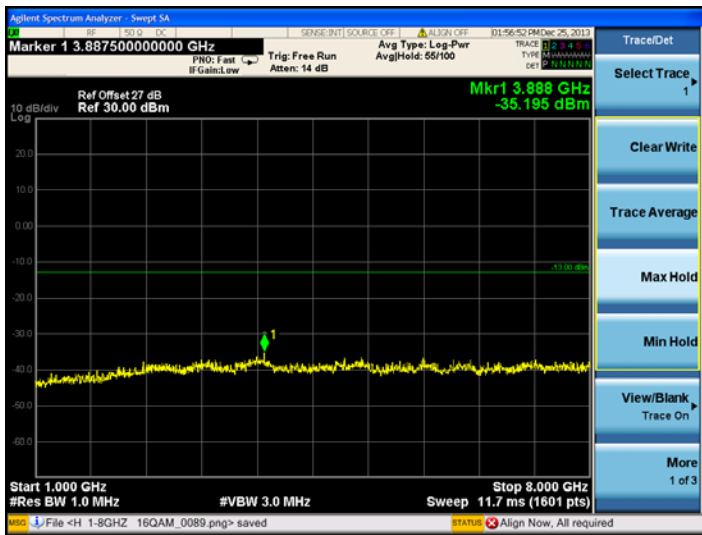
Middle channel:

LTE Band 17 5MHz BW, Mid Channel

QPSK



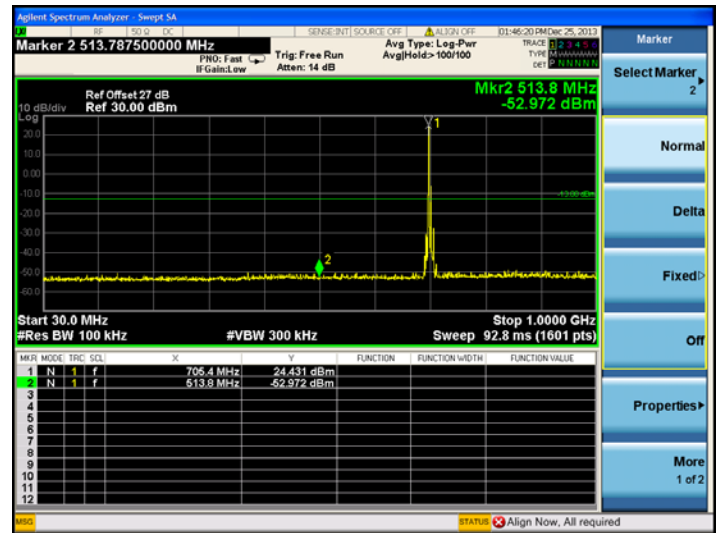
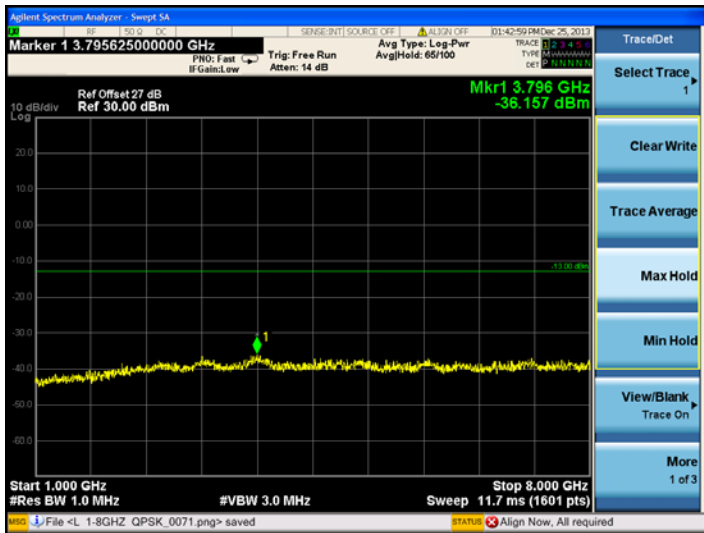
16QAM



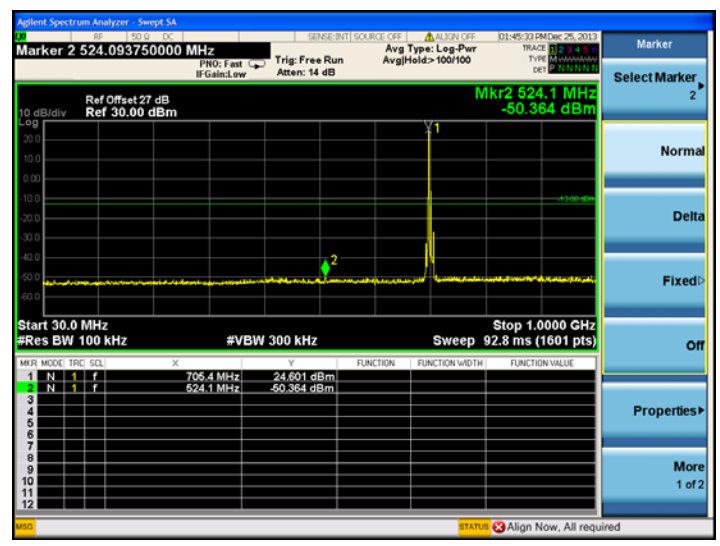
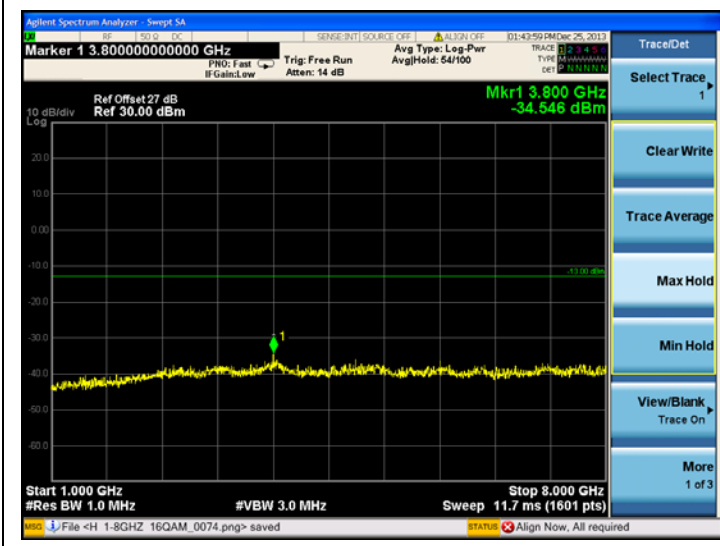


LTE Band 17 10MHz BW, Mid Channel

QPSK



16QAM

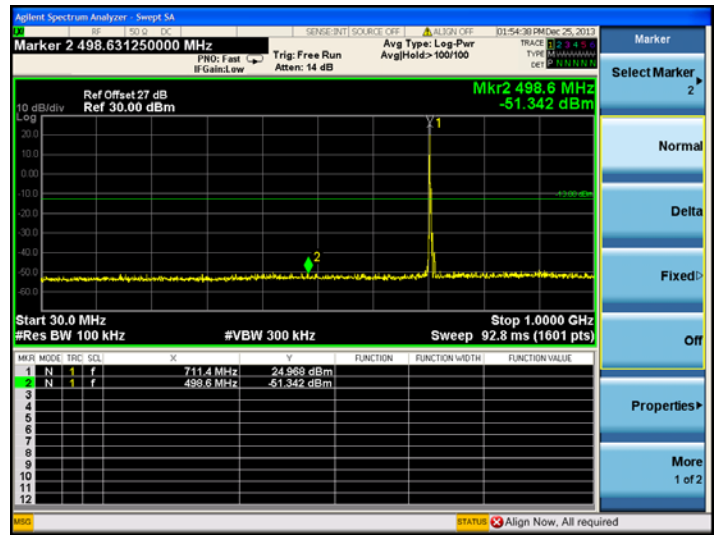
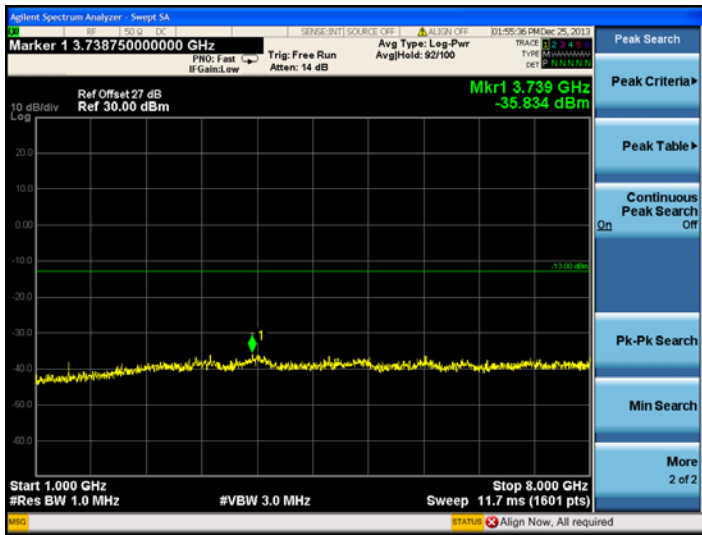




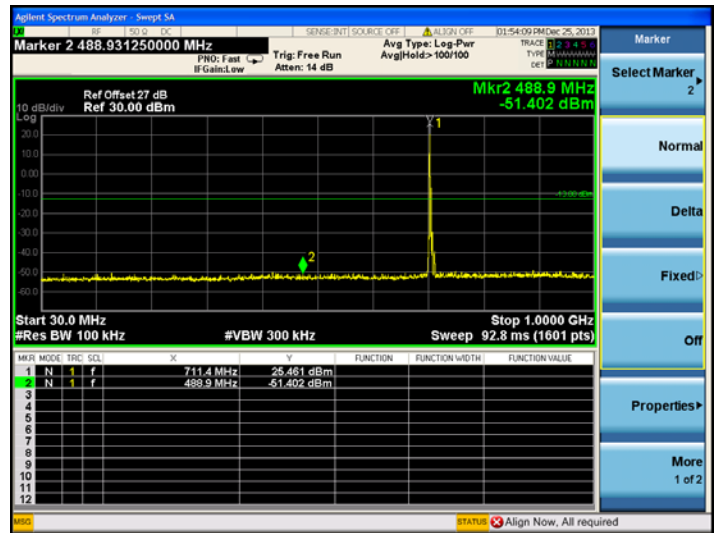
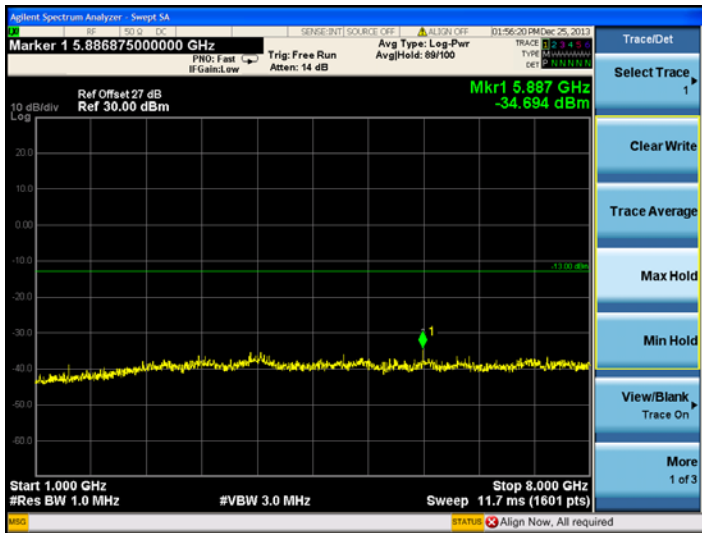
High channel:

LTE Band 17 5MHz BW, High Channel

QPSK

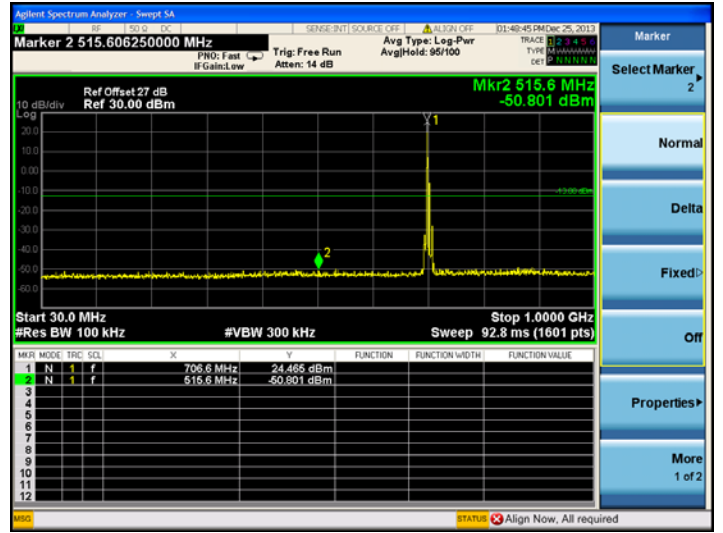
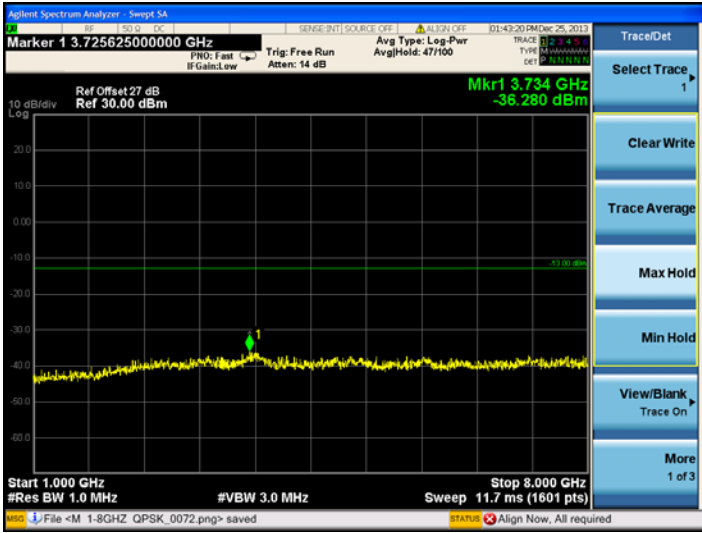


16QAM

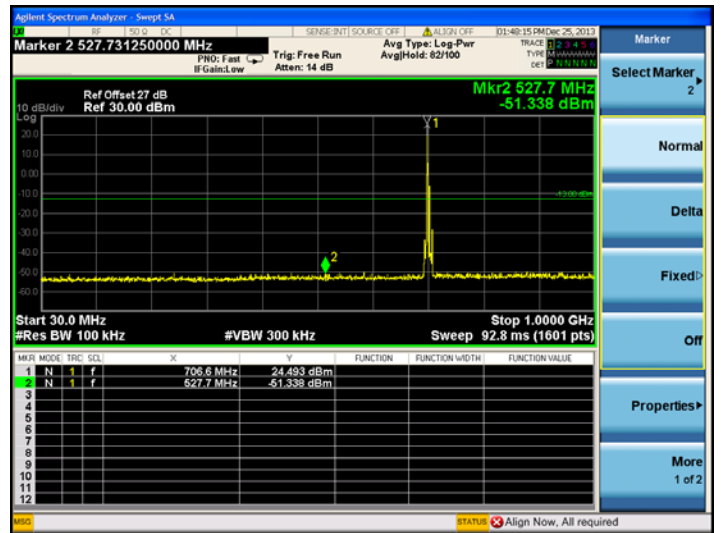
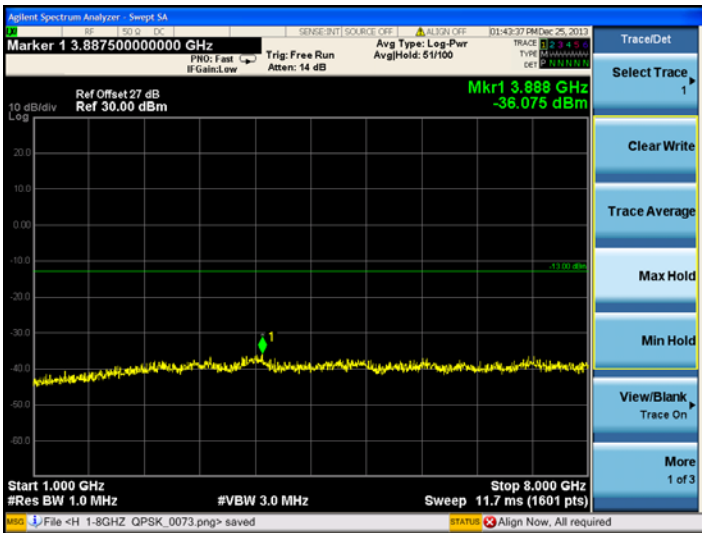




LTE Band 17 10MHz BW, High Channel QPSK



16QAM



2.6 Band Edge

2.6.1 Requirement

According to FCC section 27.53(g) (h), (g) For operations in the 698–746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log (P)$ dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

(h) For operations in the 1710–1755 MHz bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $43 + 10 \log_{10}(P)$ dB.

2.6.2 Test Description

See section 2.1.2 of this report.

2.6.3 Test Result

The center frequency of spectrum is the band edge frequency and span is 2MHz, Record the max trace into the test report.

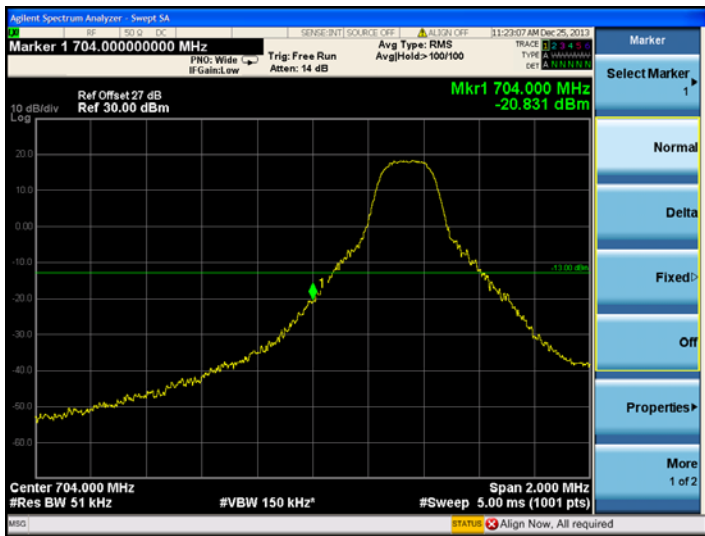
PASS. See the attached plots.



LTE Band 17:

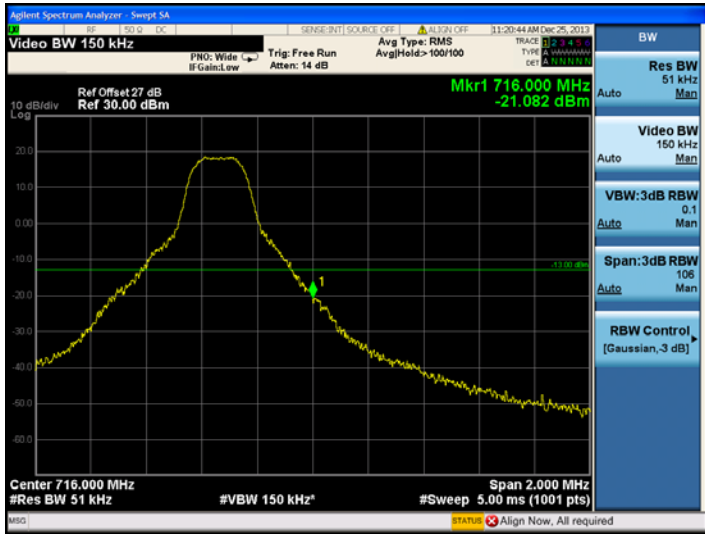
Channel Bandwidth: 5MHz

Channel	23755	RB Size 1	RB Offset 0	Channel	23755	RB Size 25	RB Offset 0
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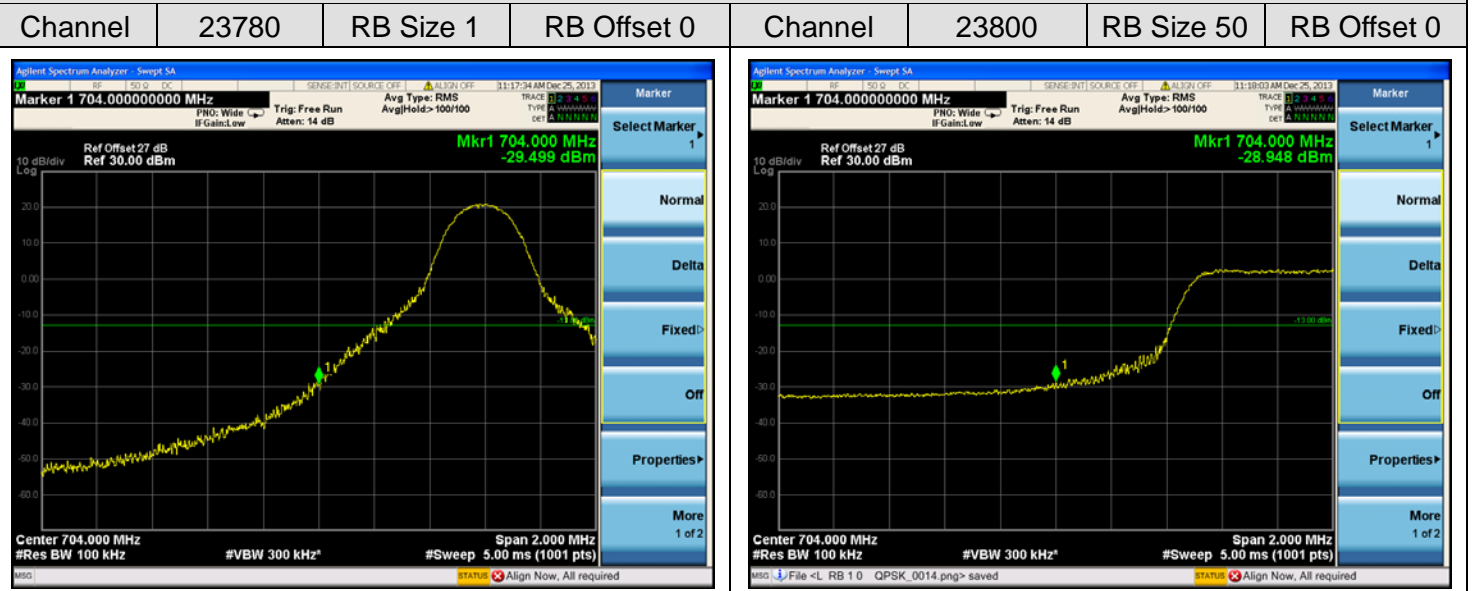
Channel Bandwidth: 5MHz

Channel	23825	RB Size 1	RB Offset 24	Channel	23825	RB Size 25	RB Offset 0
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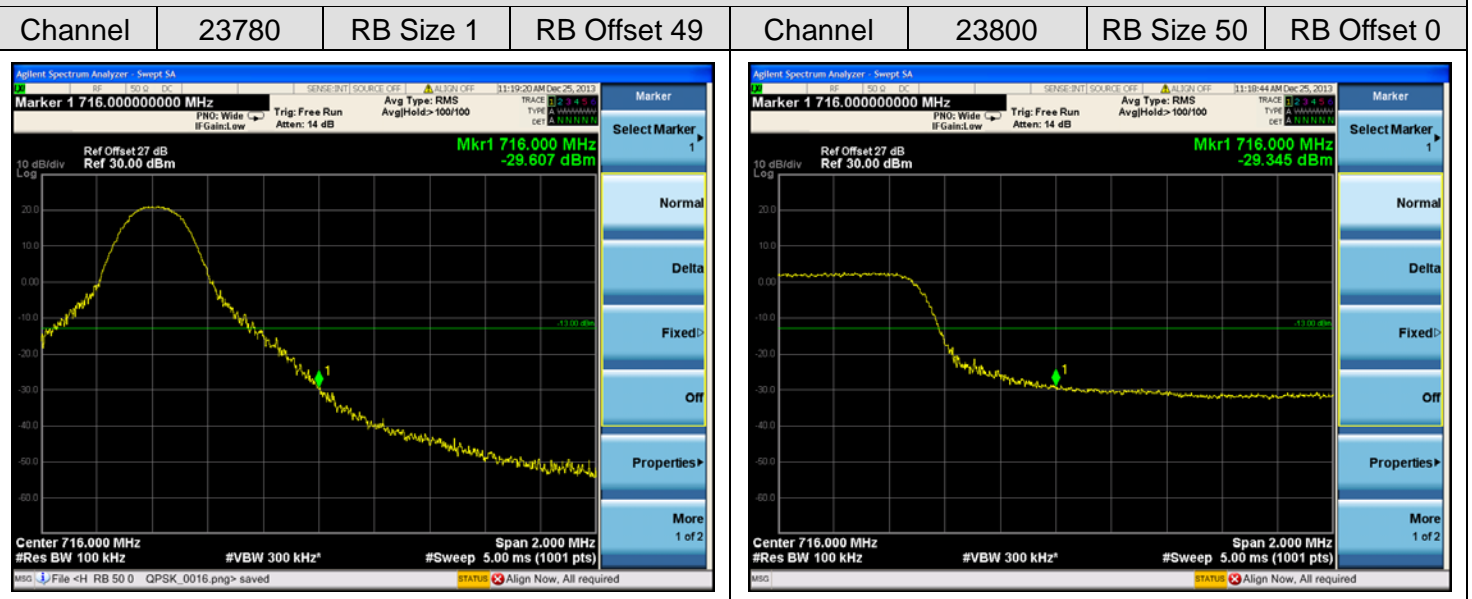




Channel Bandwidth: 10MHz

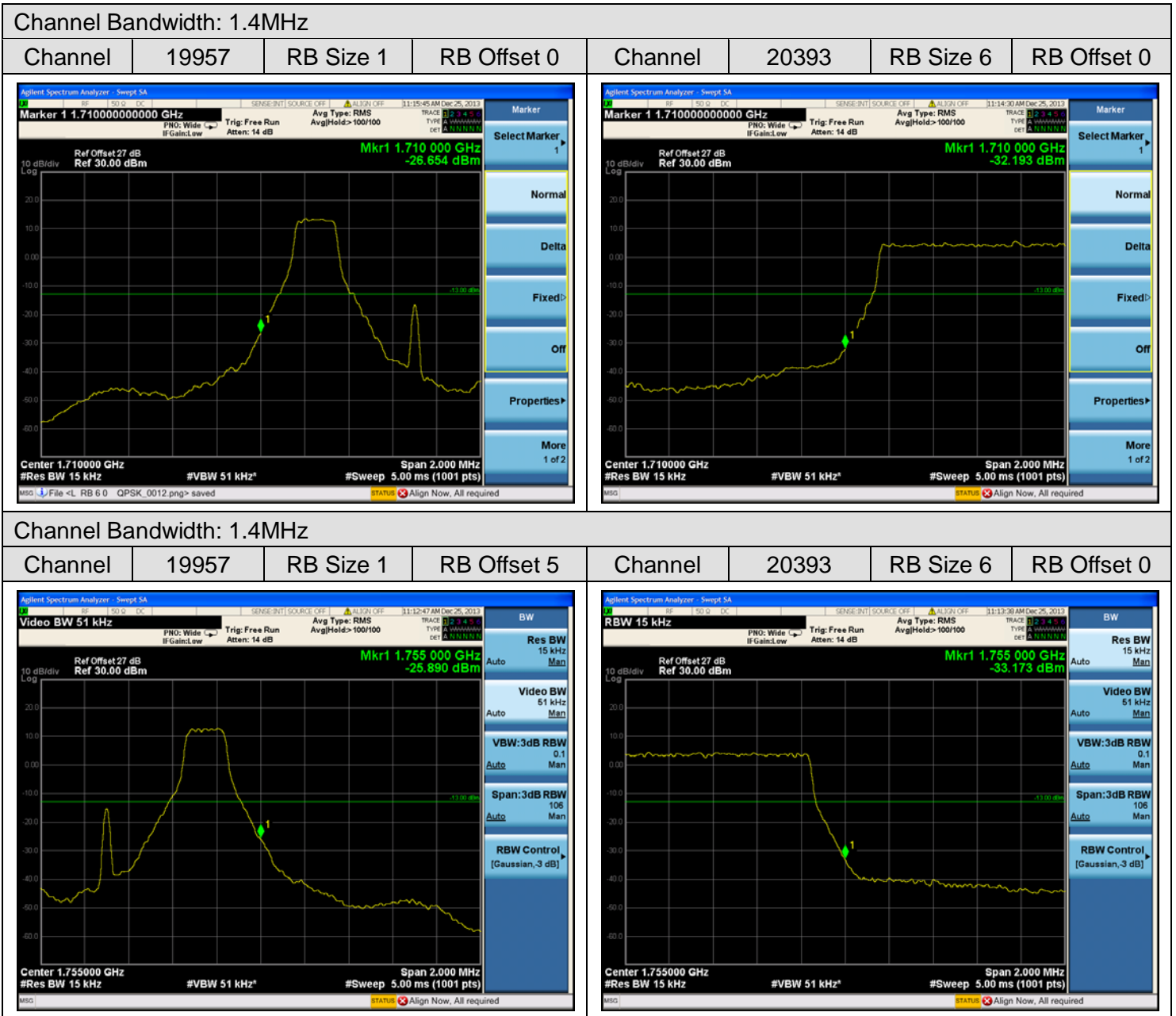


Channel Bandwidth: 10MHz





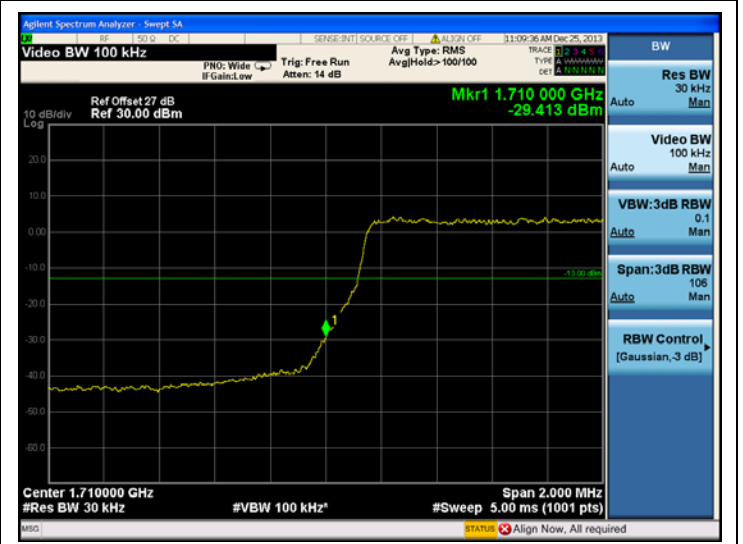
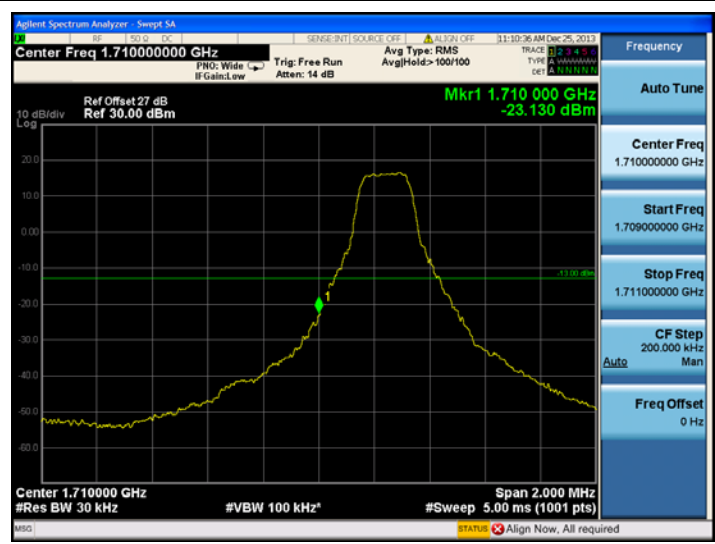
LTE Band 4:





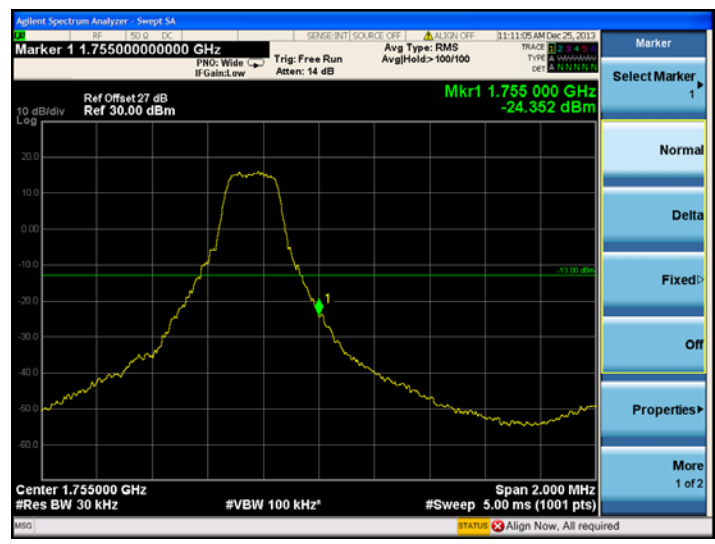
Channel Bandwidth: 3MHz

Channel	19965	RB Size 1	RB Offset 0	Channel	20385	RB Size 15	RB Offset 0
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Channel Bandwidth: 3MHz

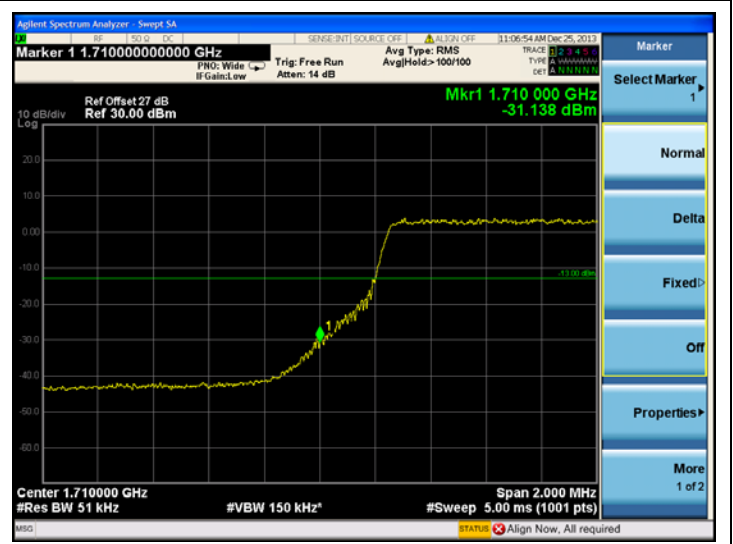
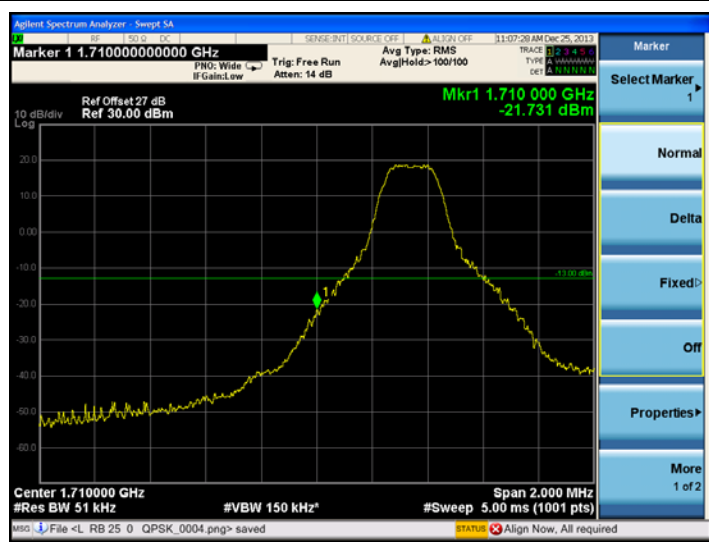
Channel	19965	RB Size 1	RB Offset 14	Channel	20385	RB Size 15	RB Offset 0
---------	-------	-----------	--------------	---------	-------	------------	-------------





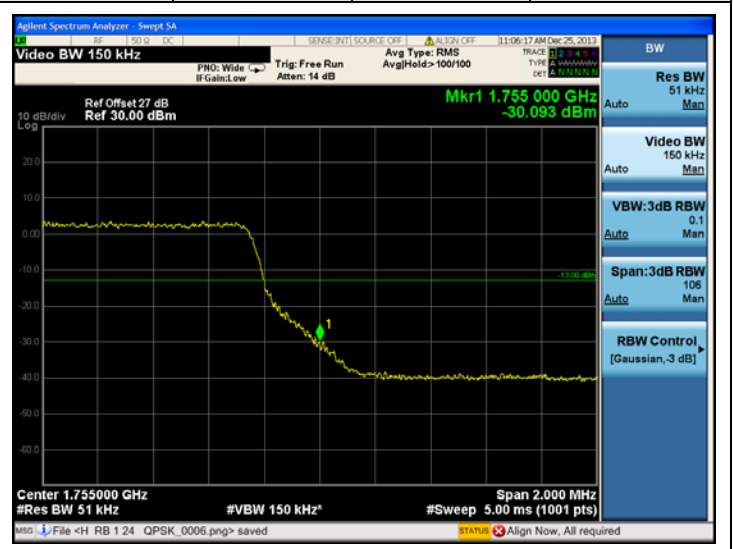
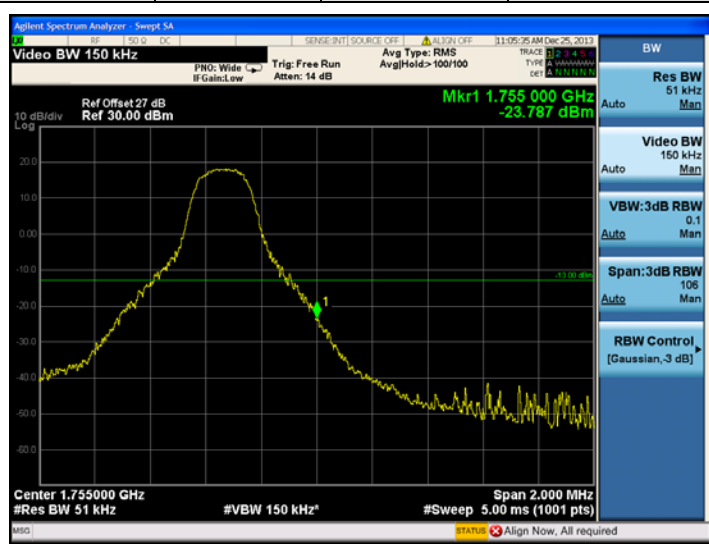
Channel Bandwidth: 5MHz

Channel	19975	RB Size 1	RB Offset 0	Channel	20375	RB Size 25	RB Offset 0
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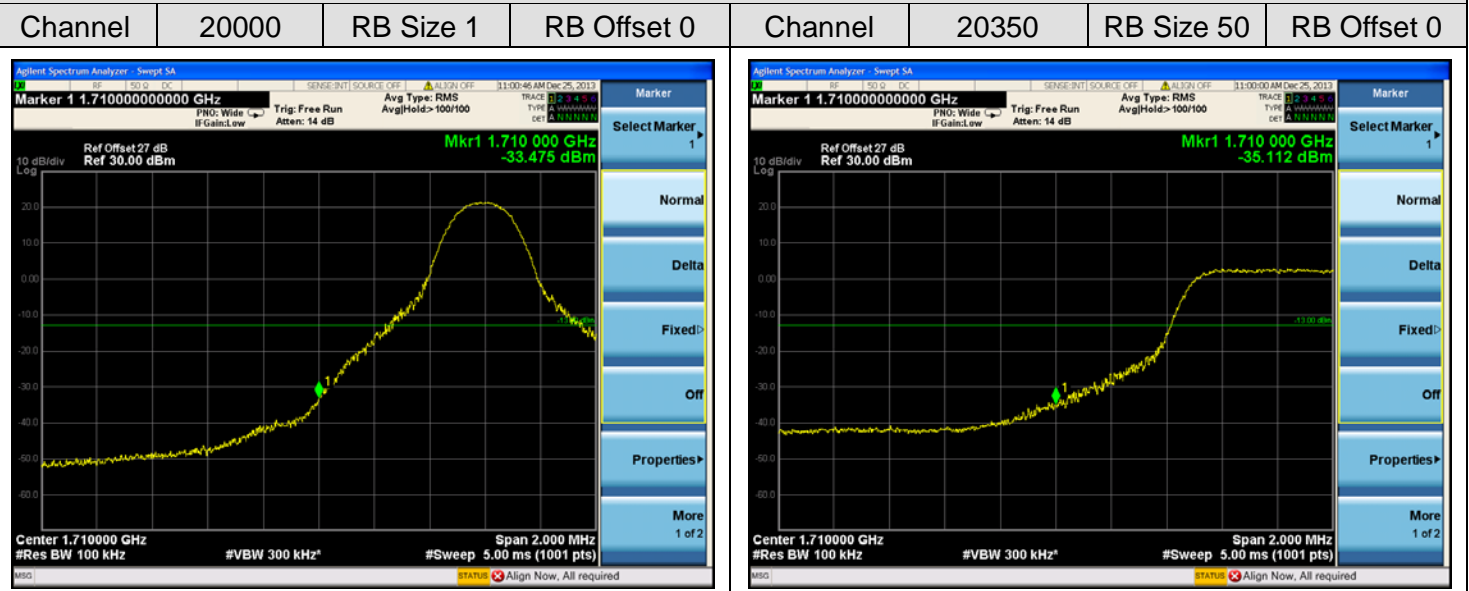
Channel Bandwidth: 5MHz

Channel	19975	RB Size 1	RB Offset 24	Channel	20375	RB Size 25	RB Offset 0
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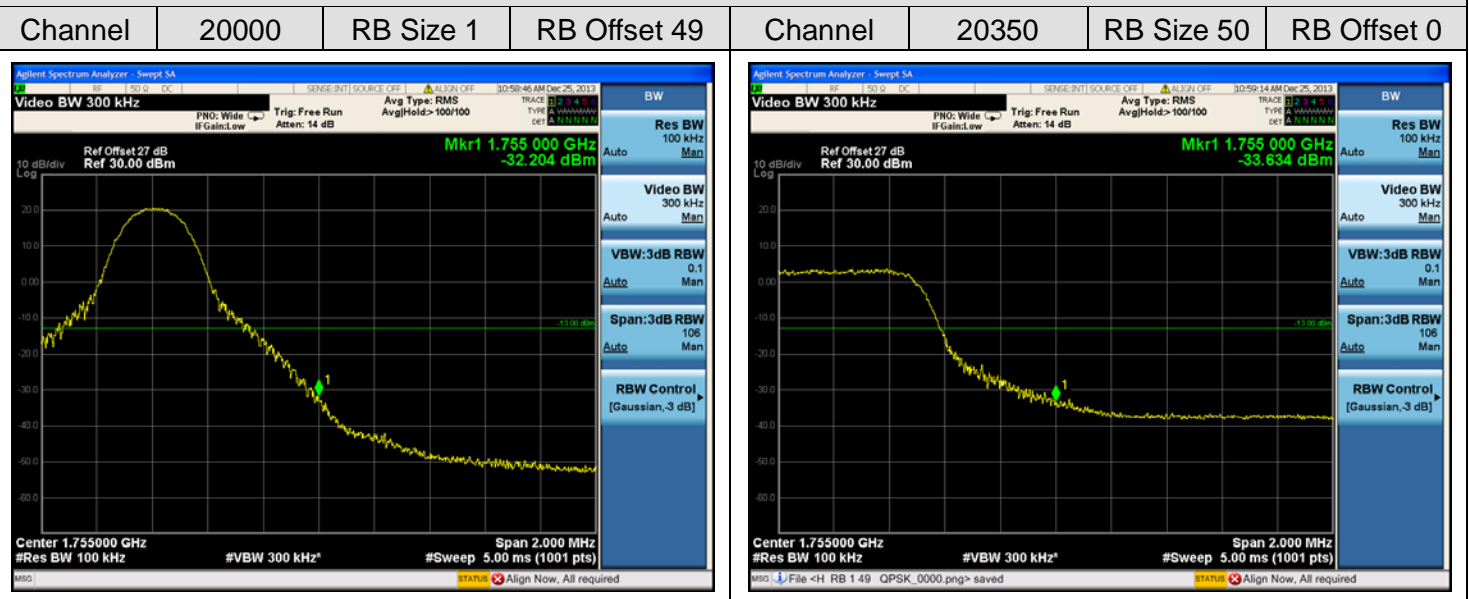




Channel Bandwidth: 10MHz

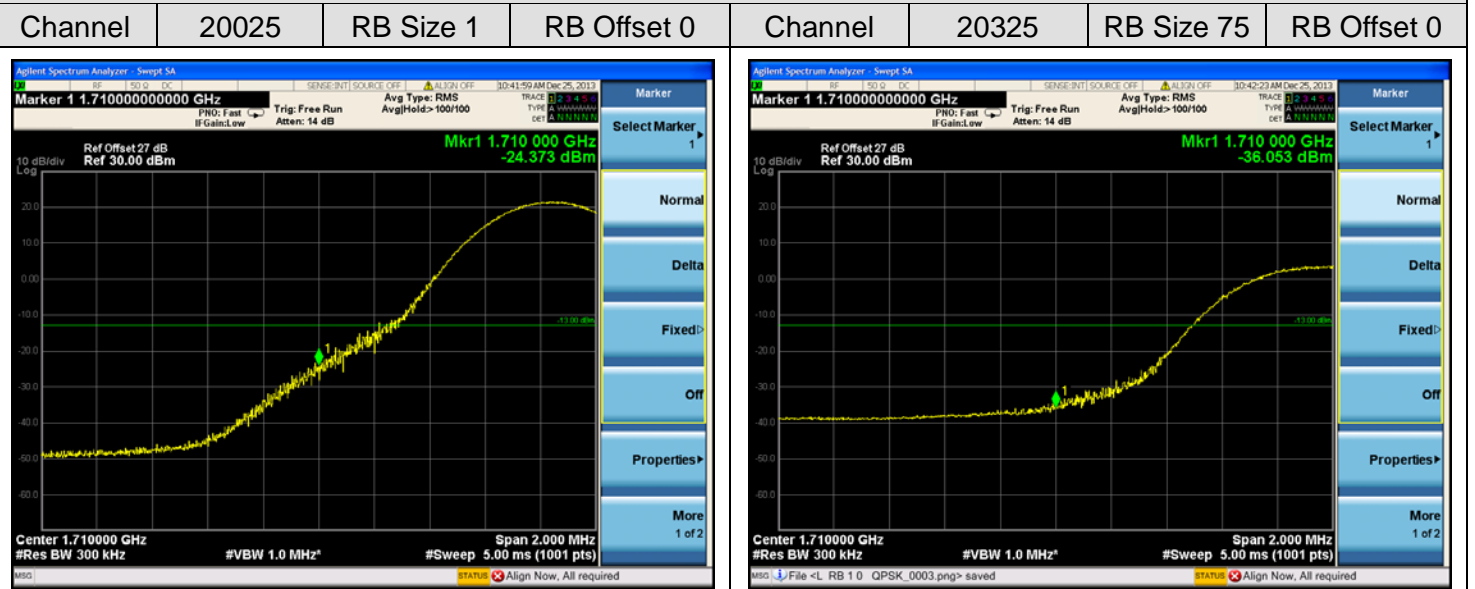


Channel Bandwidth: 10MHz

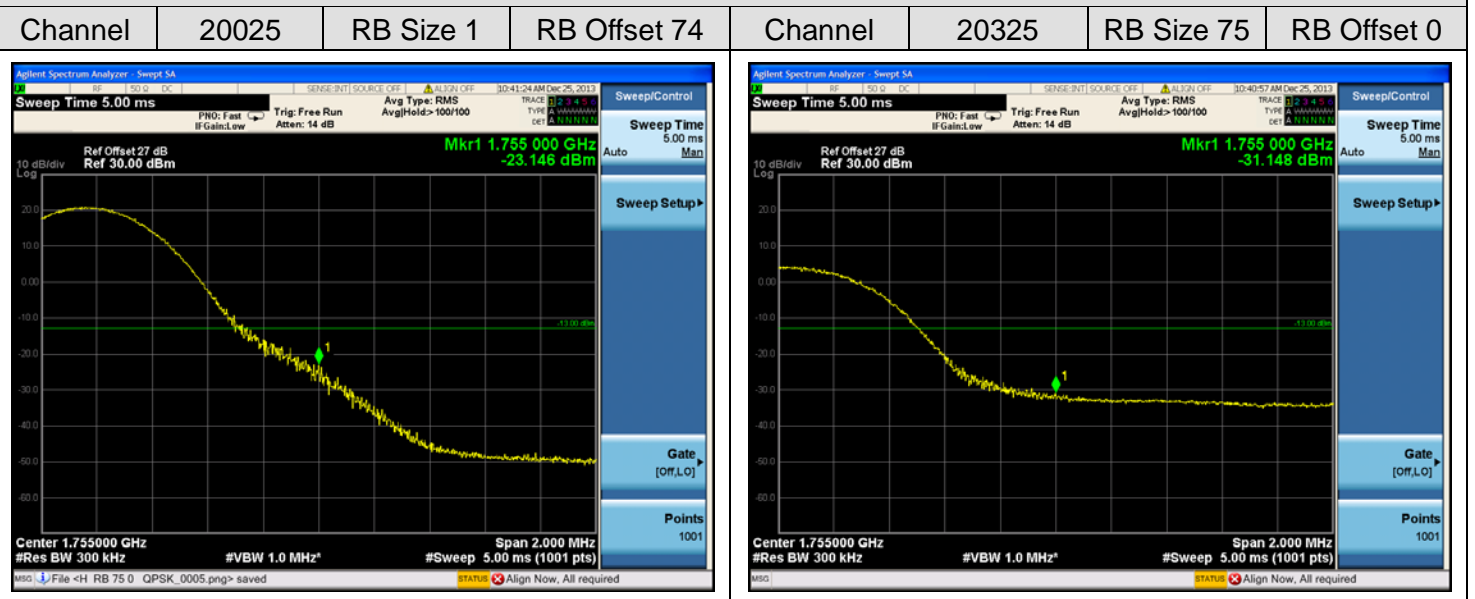




Channel Bandwidth: 15MHz



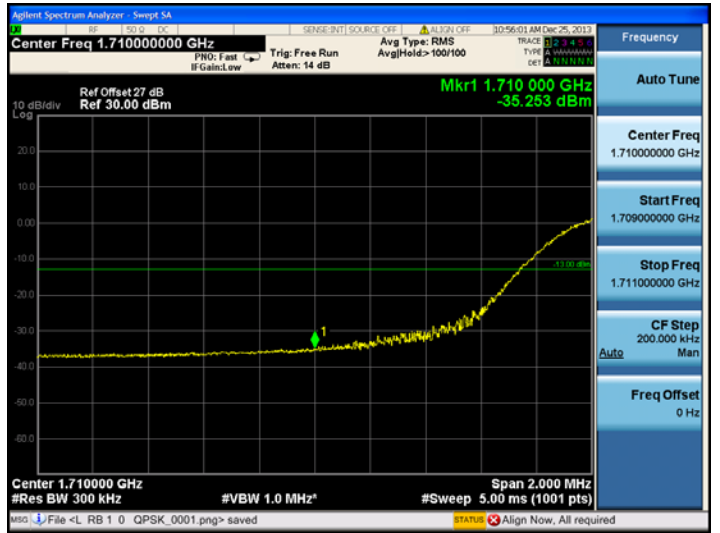
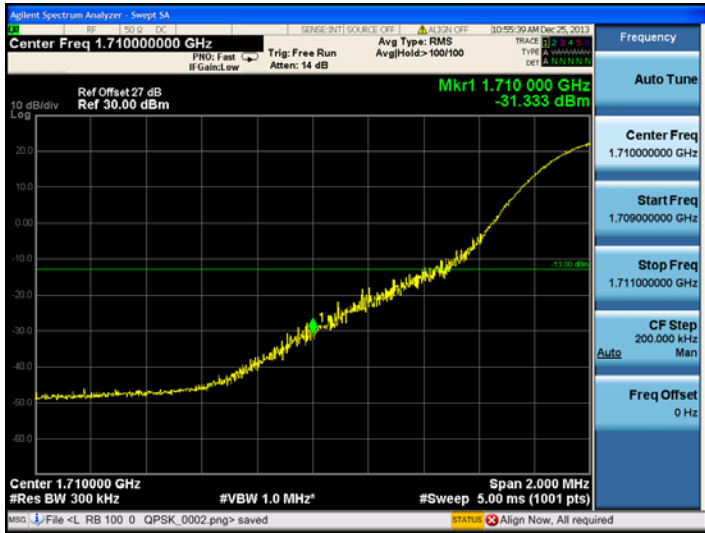
Channel Bandwidth: 15MHz





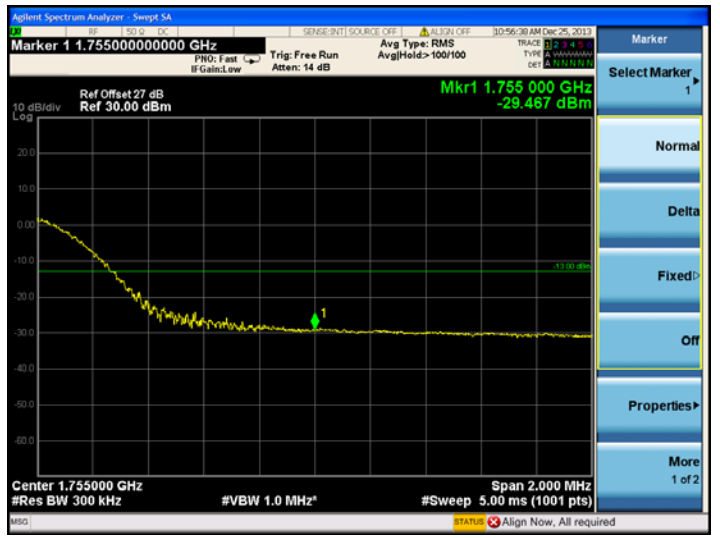
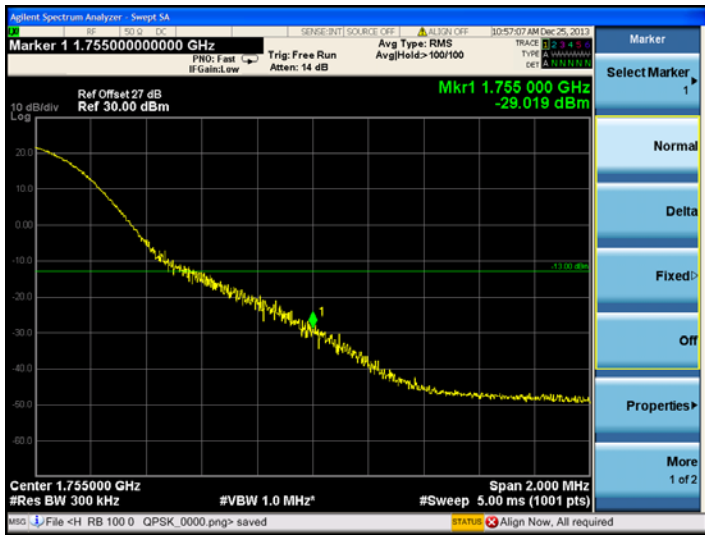
Channel Bandwidth: 20MHz

Channel	20050	RB Size 1	RB Offset 0	Channel	20300	RB Size 100	RB Offset 0
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Channel Bandwidth: 20MHz

Channel	20050	RB Size 1	RB Offset 99	Channel	20300	RB Size 100	RB Offset 0
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2.7 Transmitter Radiated Power (EIRP/ERP)

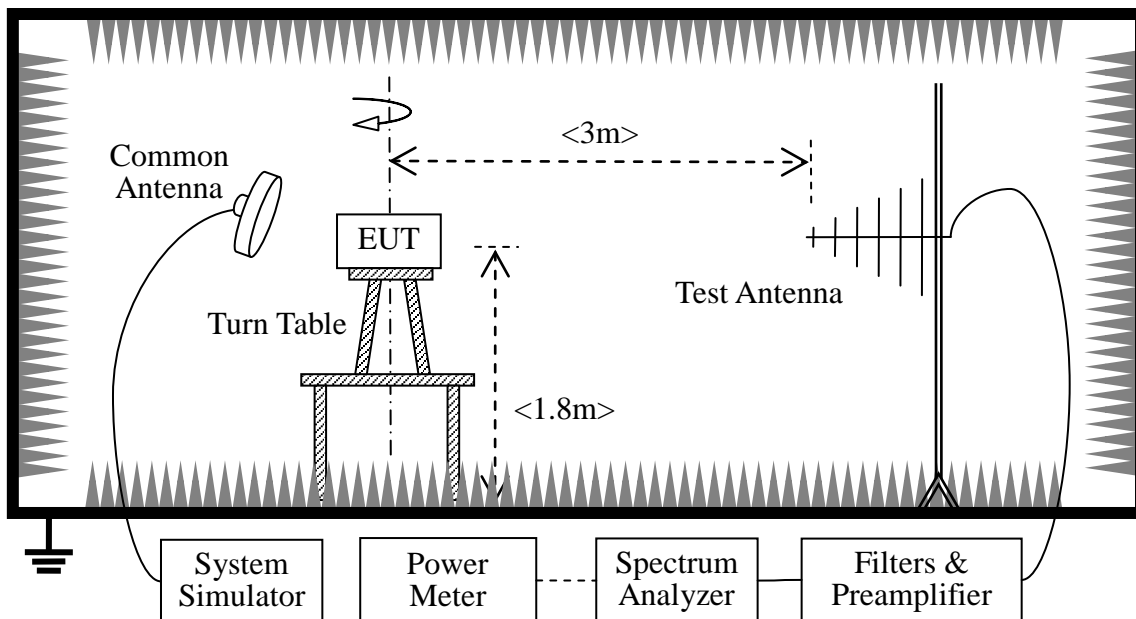
2.7.1 Requirement

According to FCC section 27.50 (d), fixed, mobile and portable (hand-held) stations in the 1710-1755MHz band are limited to 1wat EIRP.

Portable stations (hand-held devices) operating in the 704-716MHz band are limited to 3watts ERP.

2.7.2 Test Description

1. Test Setup:



The EUT, which is powered by the PC, is located in a 3m Full-Anechoic Chamber; the cable loss, air loss and so on of the site as factors are pre-calibrated using the "Substitution" method, and calculated to correct the reading.

A call is established between the EUT and the SS via a Common Antenna. The EUT is commanded by the SS to operate at the maximum and minimum output power, and only the test result of the maximum output power was recorded.

The Test Antenna is a Bi-Log one (used for 30MHz to 1GHz) or a Horn one (used for above 3GHz), and it's located at the same height as the EUT. The Filters consists of Notch Filters and High Pass Filter.

2. Equipments List:

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
System Simulator	Rohde&	CMW500	1201.0002k50/	2013.05	2014.05