



Appendix B

Modulation Characteristics

According to FCC Part 2.1047 & Part 22 Subpart H



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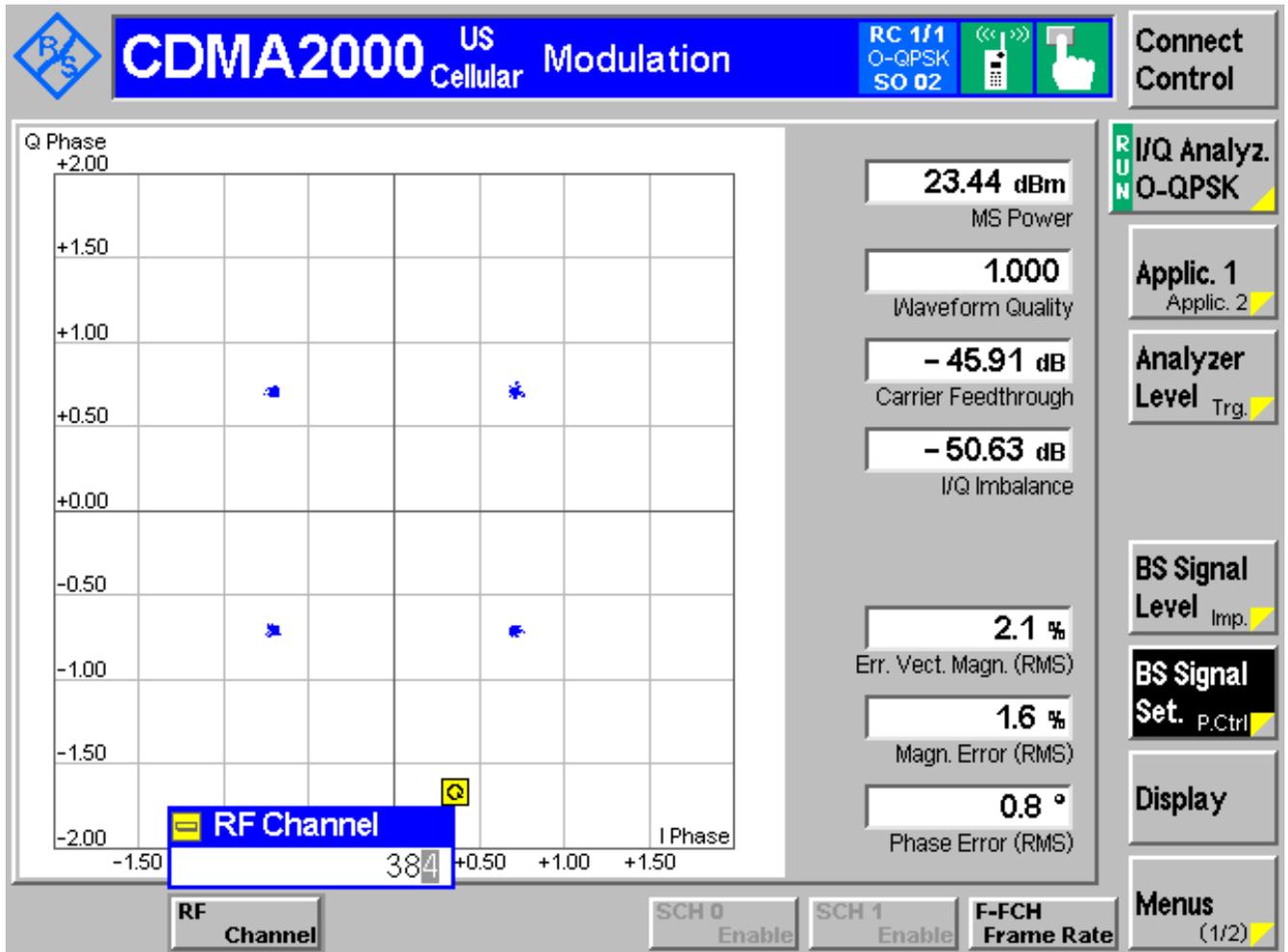
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1 For CDMA 800

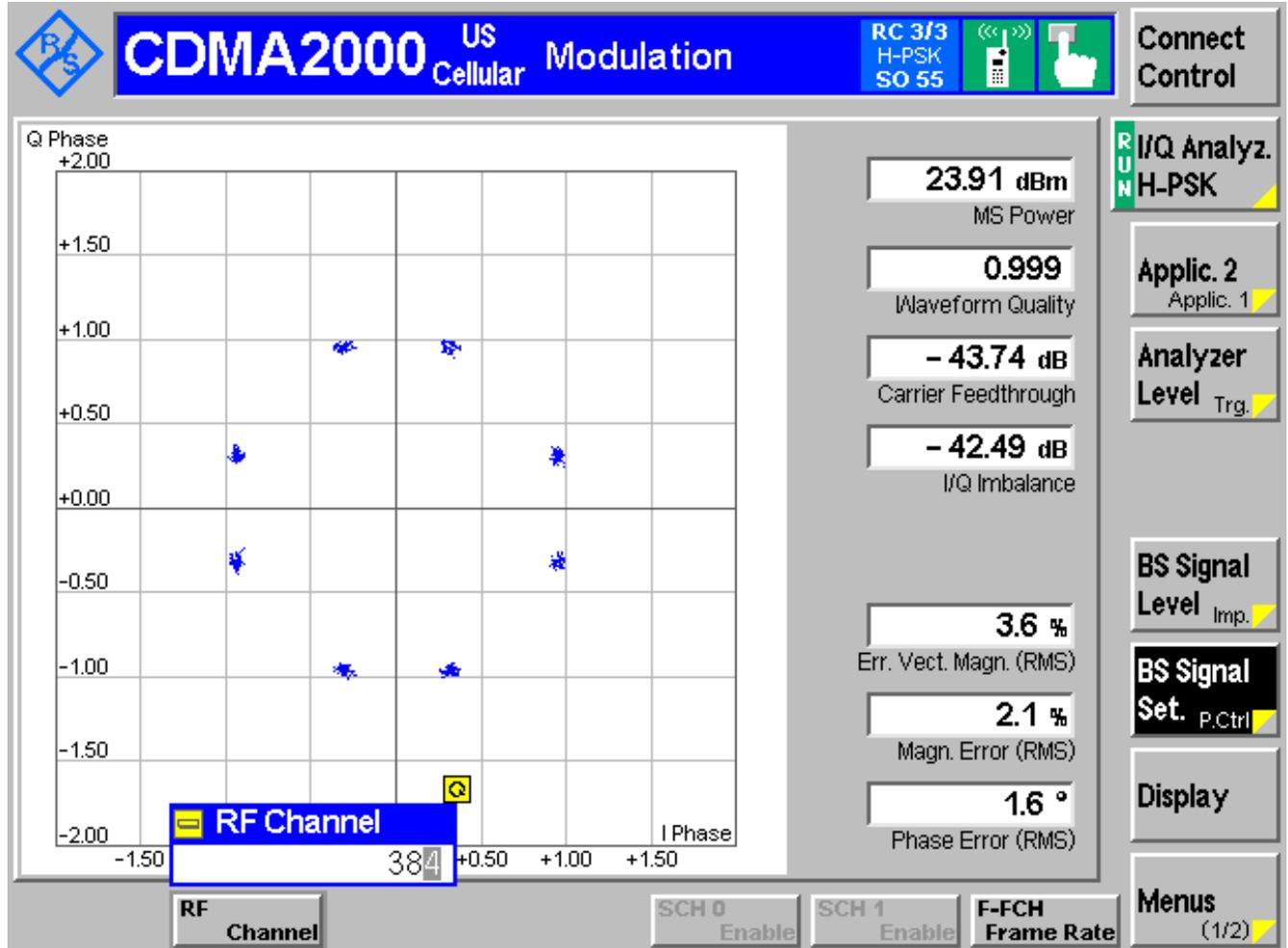
1.1 Test Mode = TM1

1.1.1.1 Channel = M



1.2 Test Mode = TM3

1.2.1.1 Channel = M

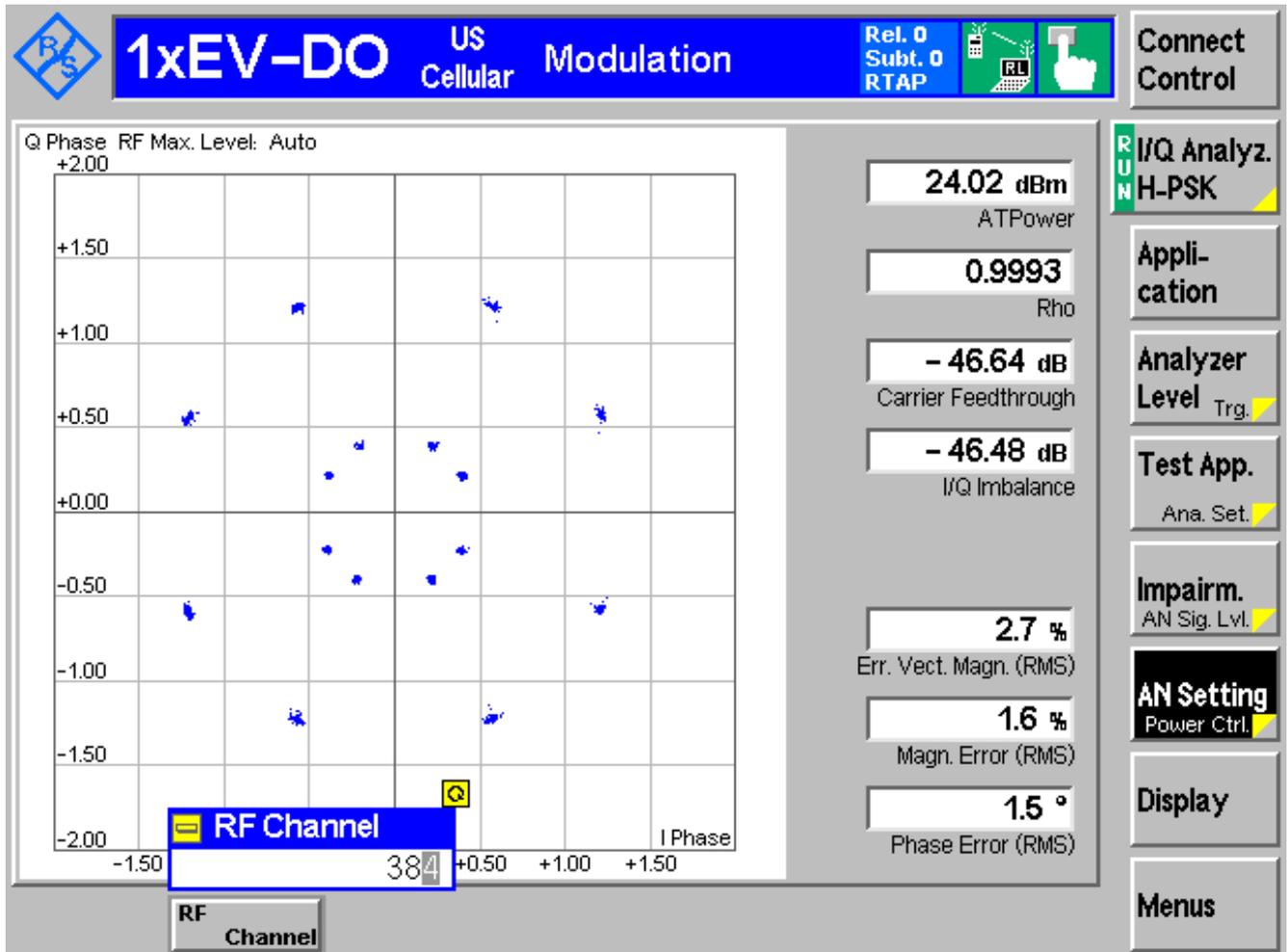




2 For EVDO 800

2.1 Test Mode = Subtype 0

2.1.1.1 Channel = M

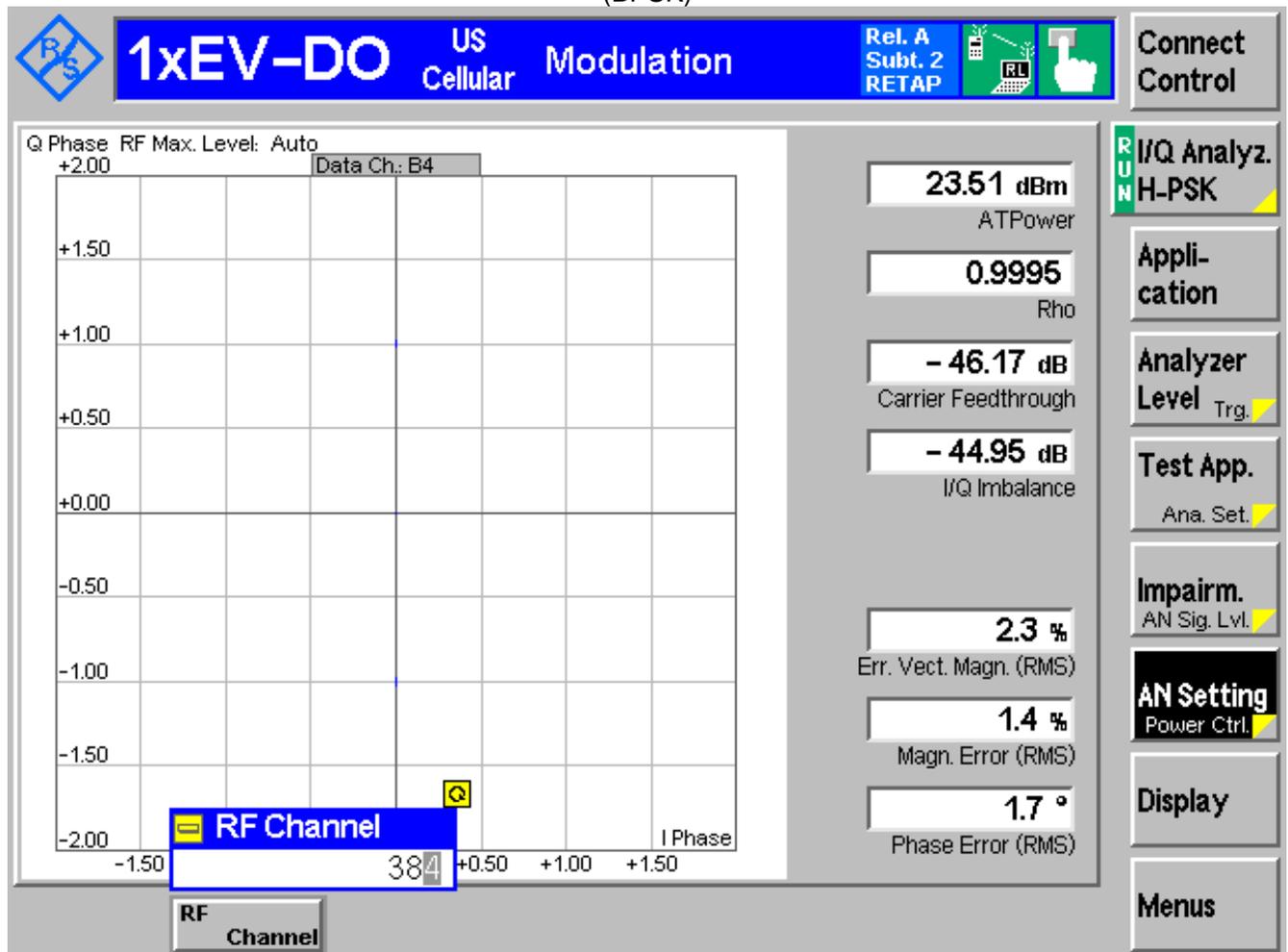


2.2 Test Mode = Subtype 2

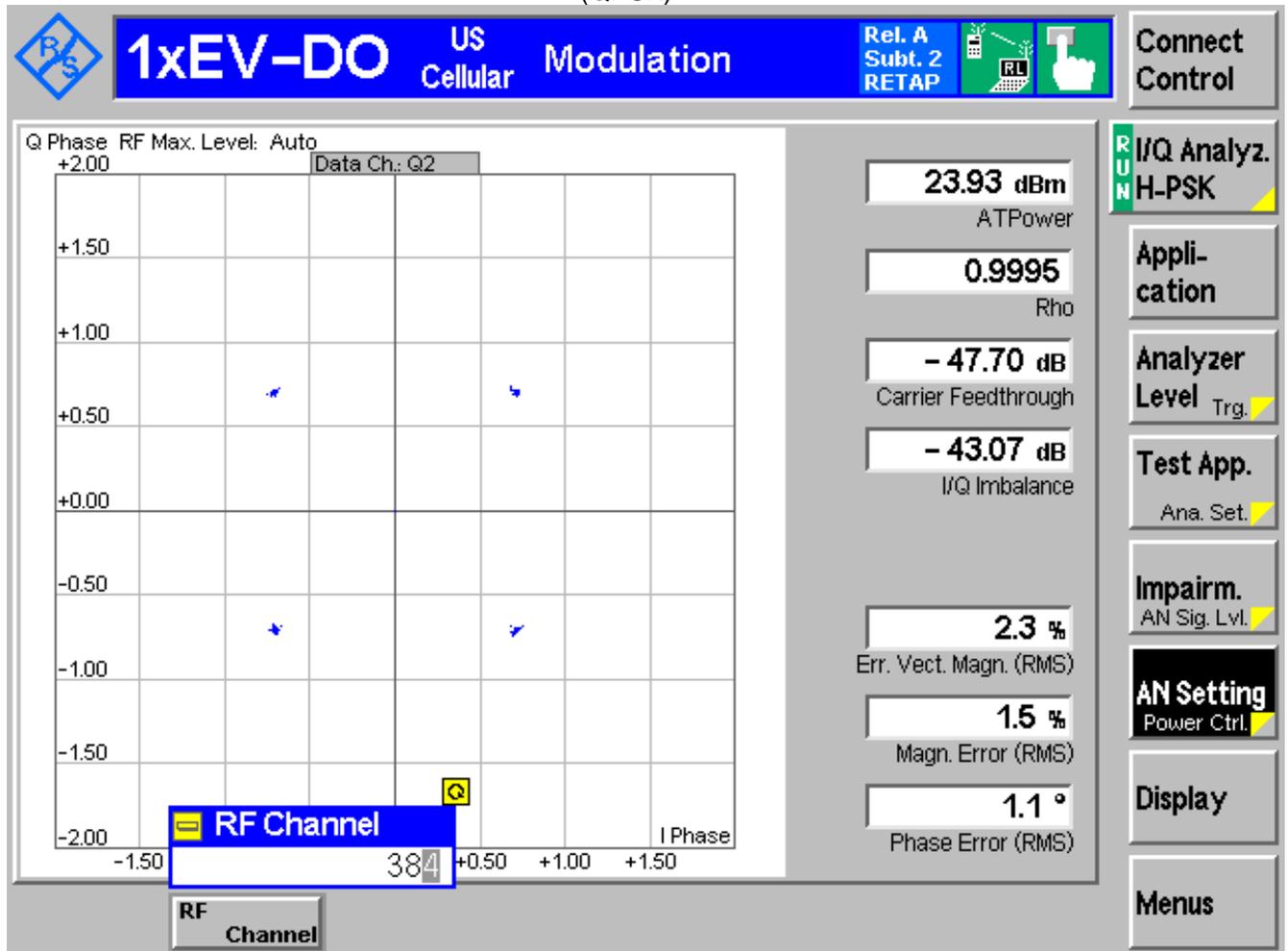
2.2.1.1 Channel = M

The R-Data packet size determines the modulation format:

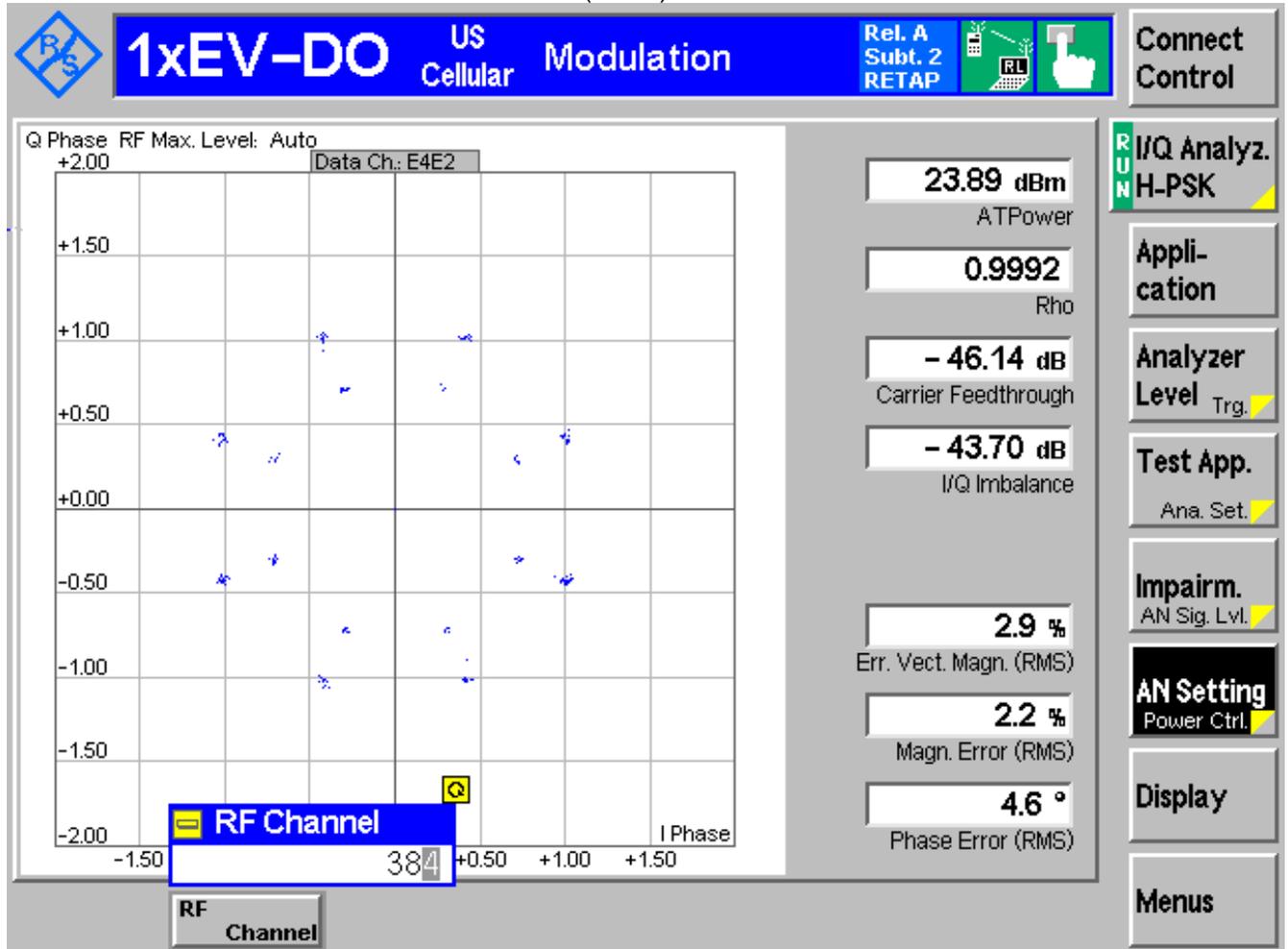
R-Data Pkt Size (256 bits)
(BPSK)



R-Data Pkt Size (4096 bits)
(QPSK)



R-Data Pkt Size (12288 bits)
(8PSK)



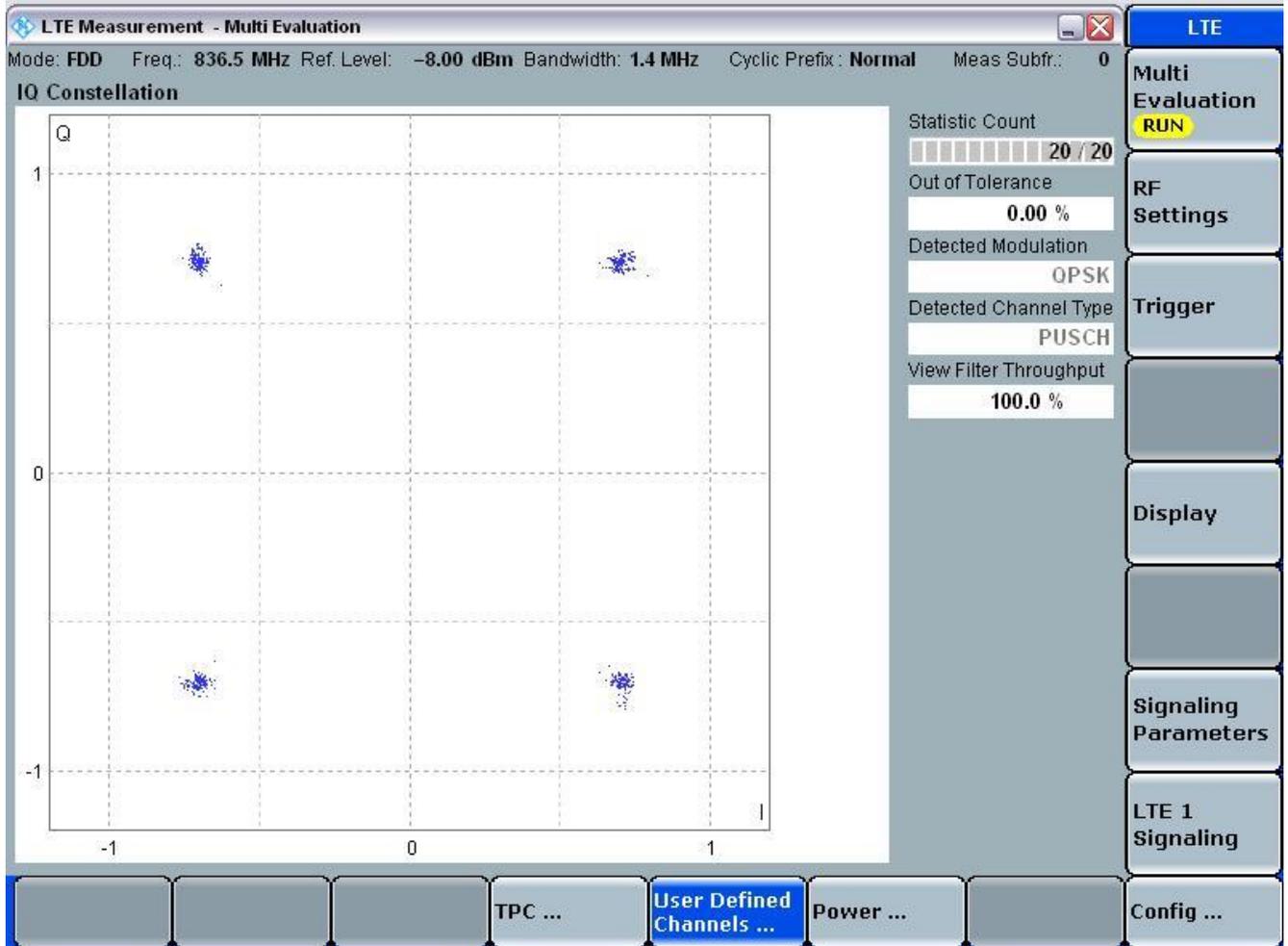
3 For Band 5

3.1 Test Mode = TM4

3.1.1 Channel Bandwidth = Lowest (1.4 MHz)

3.1.1.1 Channel = M

3.1.1.1.1 QPSK/full RBs

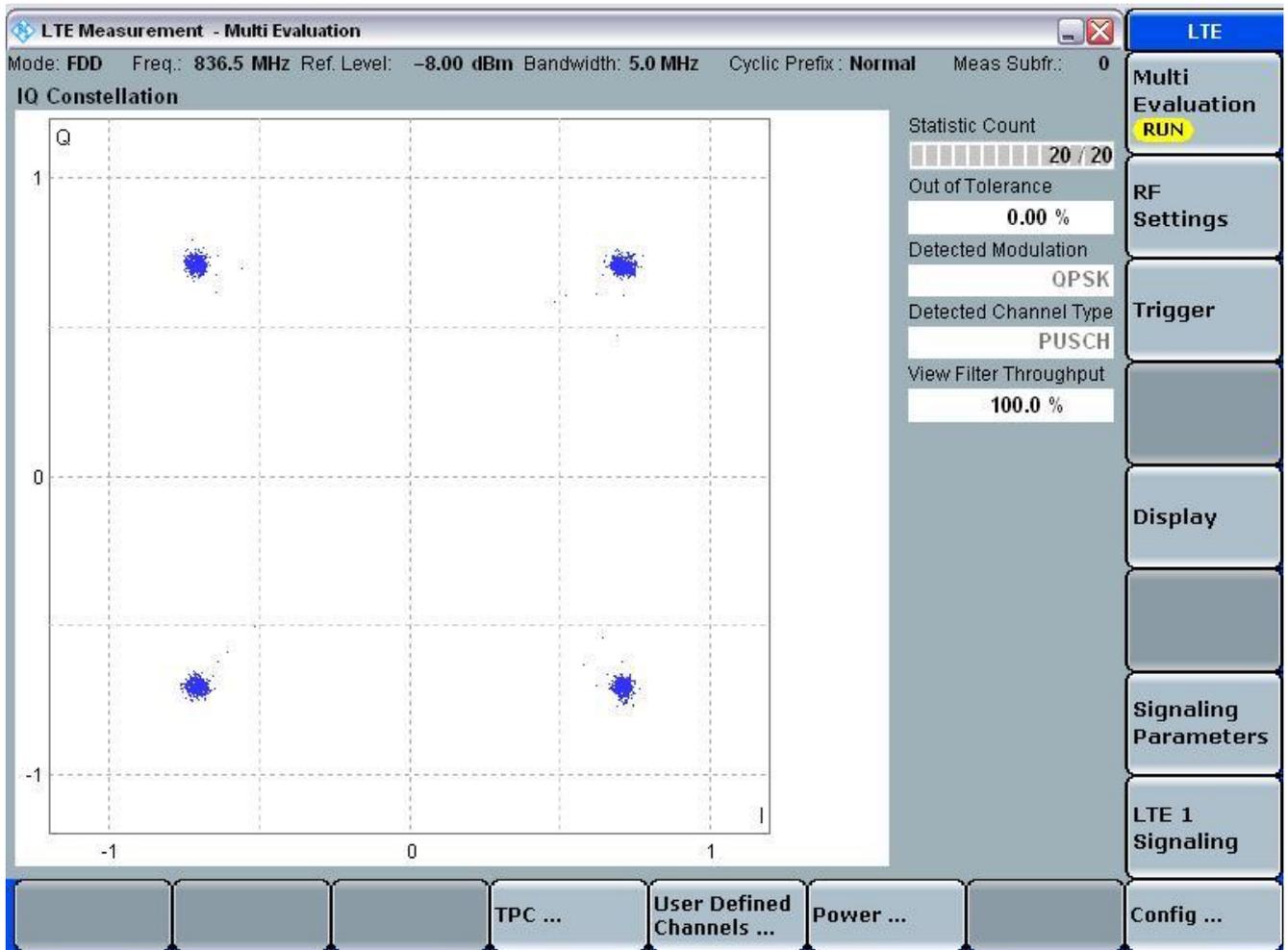




3.1.2 Channel Bandwidth =5 MHz

3.1.2.1 Channel = M

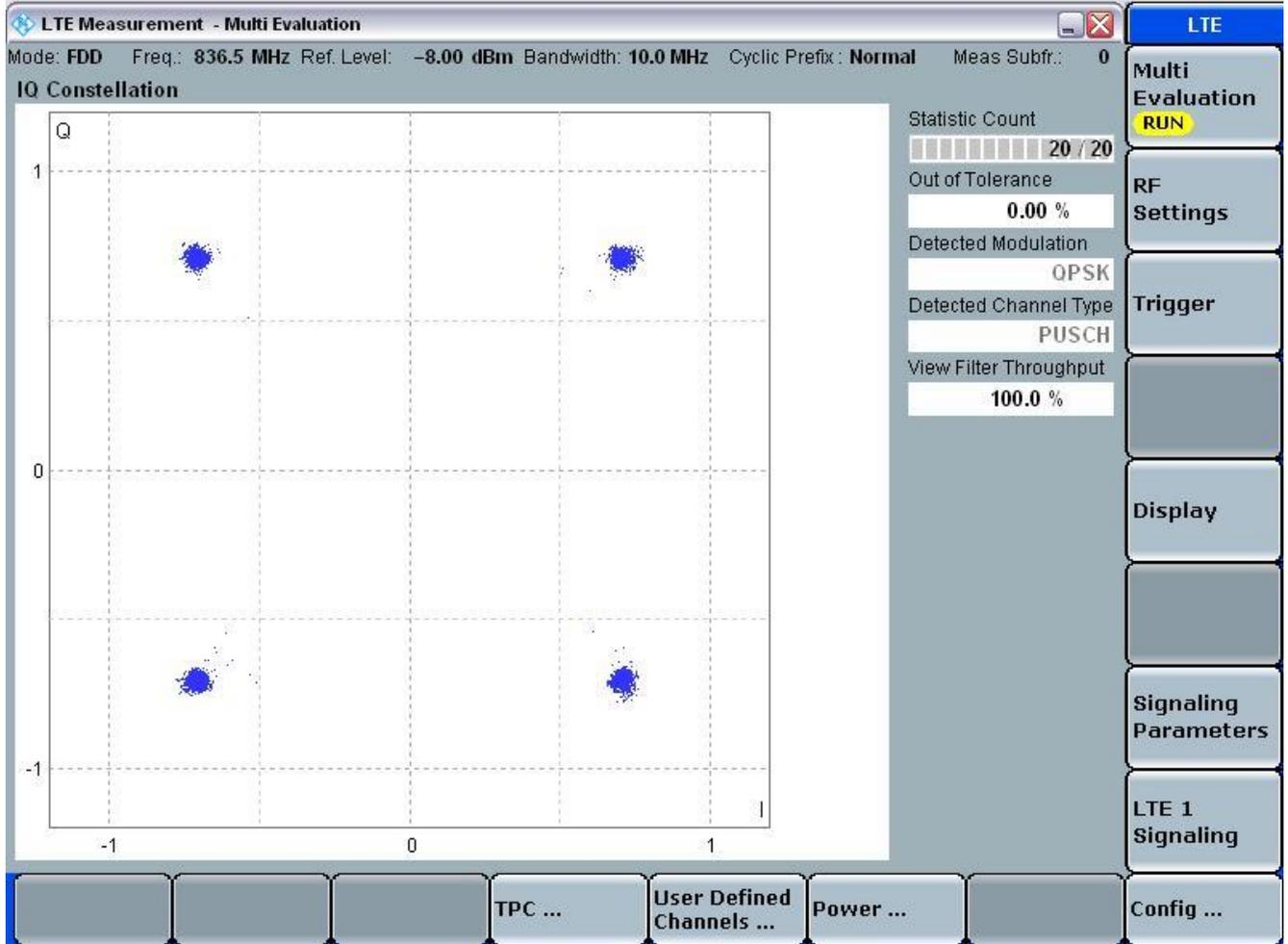
3.1.2.1.1 QPSK/full RBs



3.1.3 Channel Bandwidth = Highest (10 MHz)

3.1.3.1 Channel = M

3.1.3.1.1 QPSK/full RBs

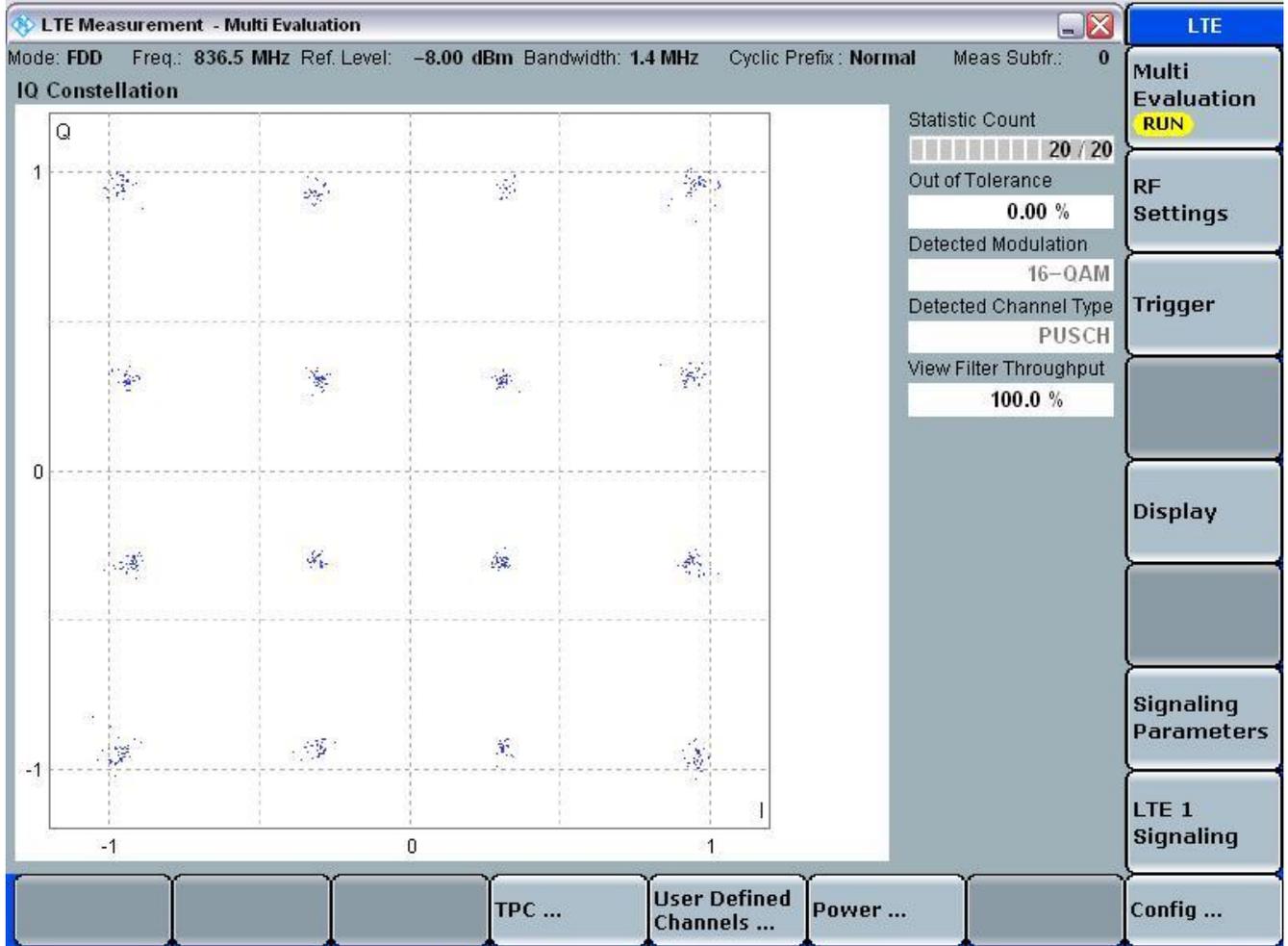


3.2 Test Mode = TM5

3.2.1 Channel Bandwidth = Lowest (1.4 MHz)

3.2.1.1 Channel = M

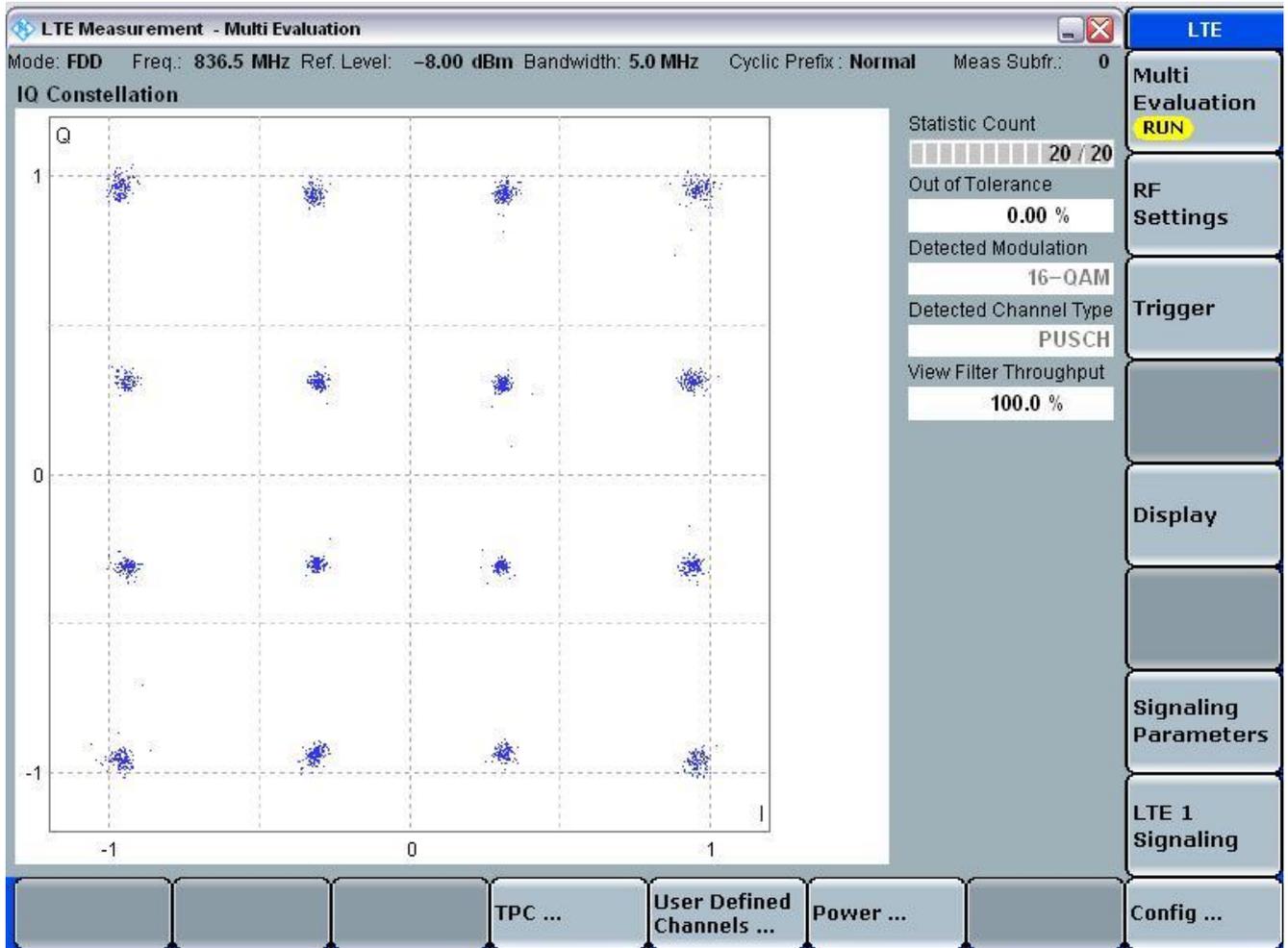
3.2.1.1.1 16QAM/full RBs



3.2.2 Channel Bandwidth =5 MHz

3.2.2.1 Channel = M

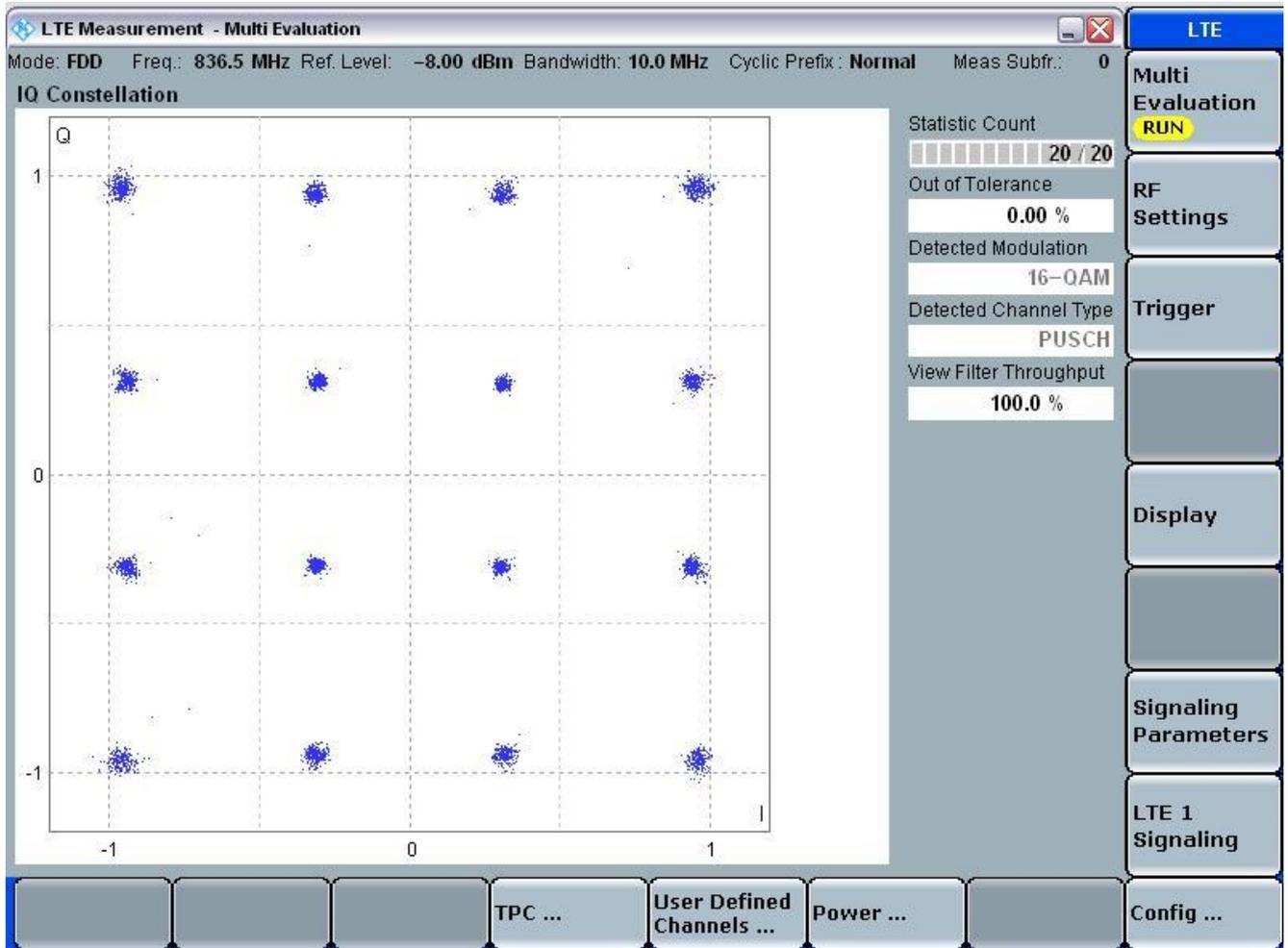
3.2.2.1.1 16QAM/full RBs



3.2.3 Channel Bandwidth = Highest (10 MHz)

3.2.3.1 Channel = M

3.2.3.1.1 16QAM/full RBs



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