



## Appendix B

# Modulation Characteristics

According to FCC Part 2.1047& Part 24 Subpart E



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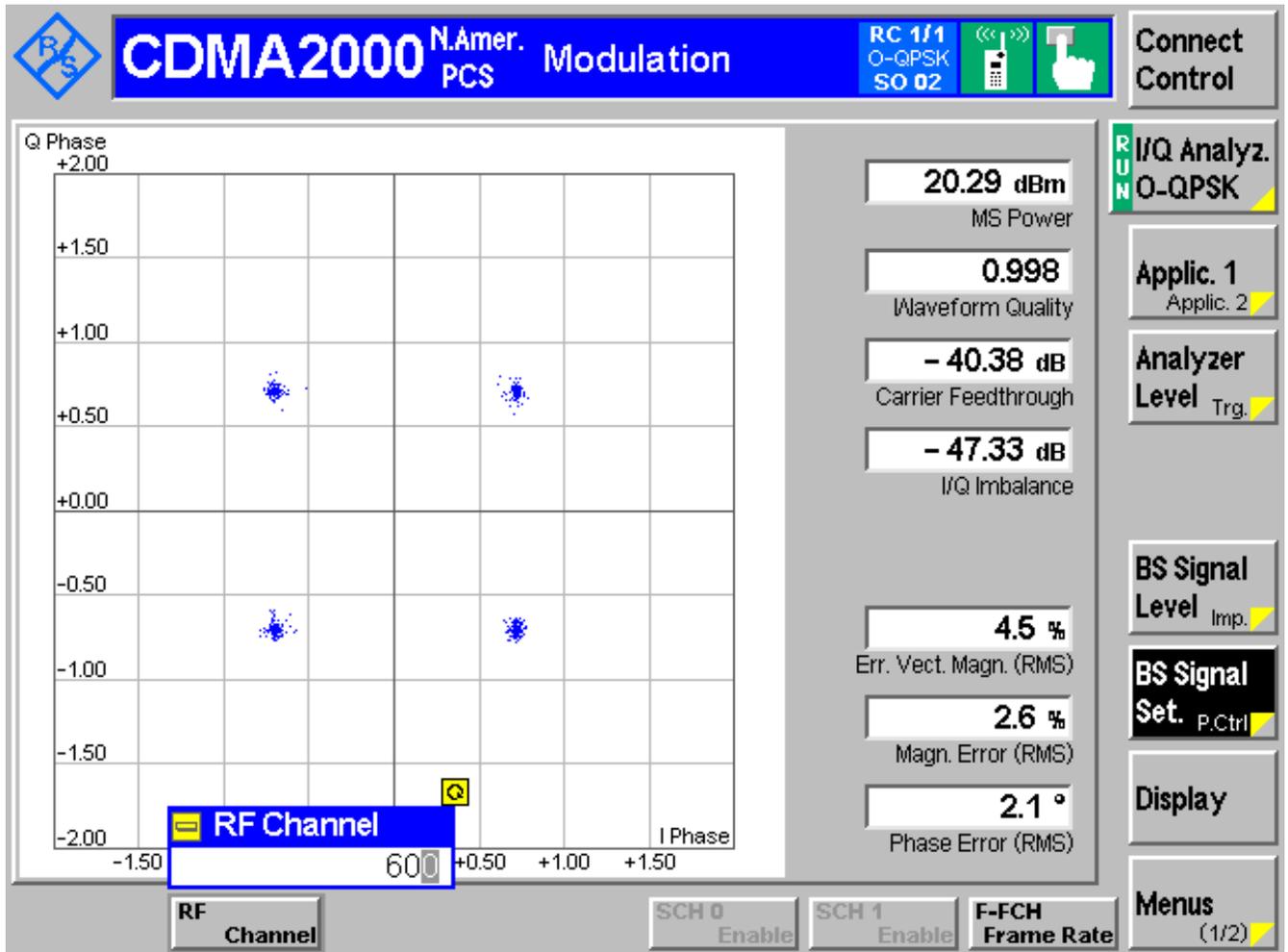
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1 For CDMA 1900

1.1 Test Mode = TM1

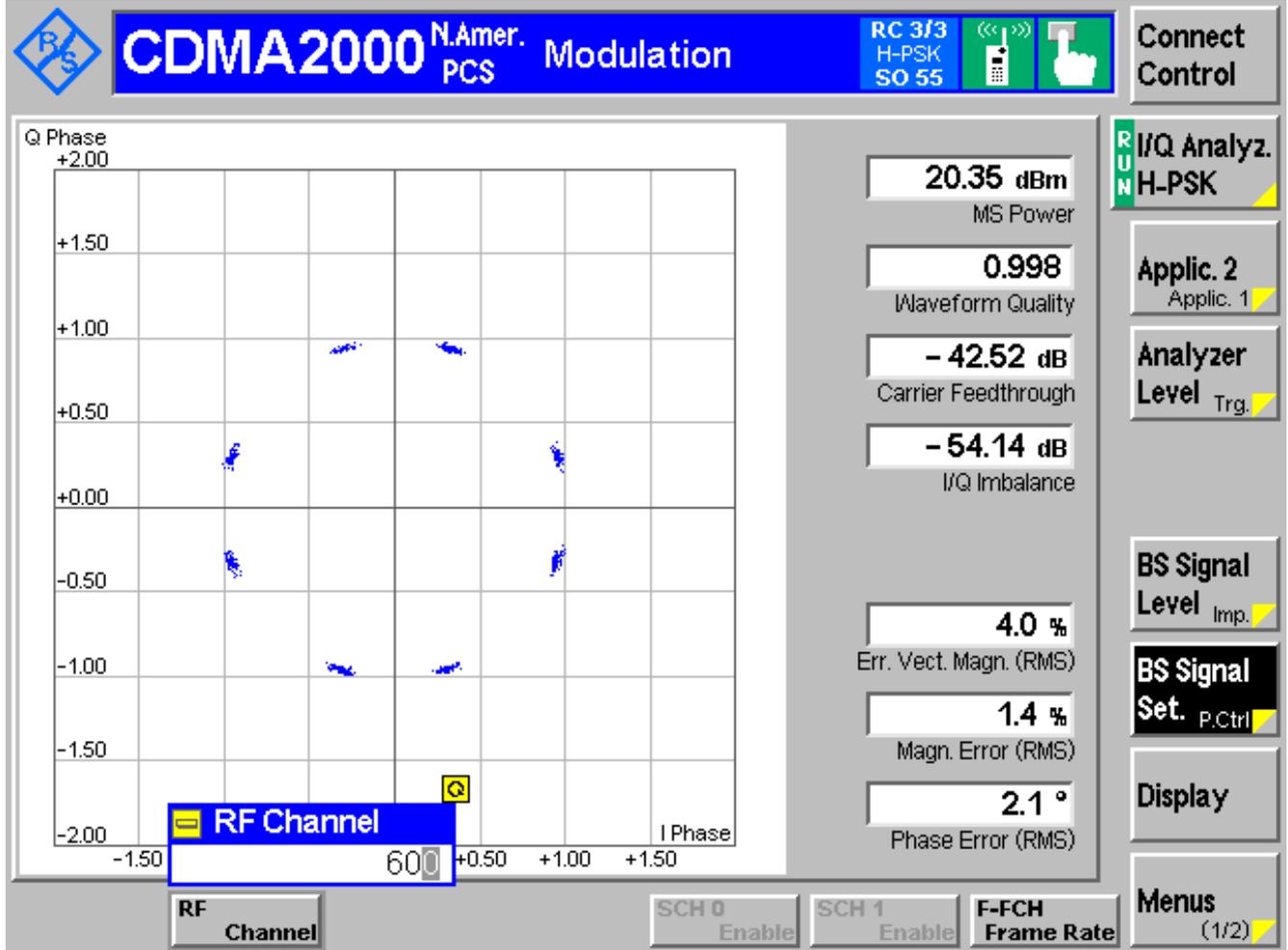
1.1.1.1 Channel = M





## 1.2 Test Mode = TM3

### 1.2.1.1 Channel = M

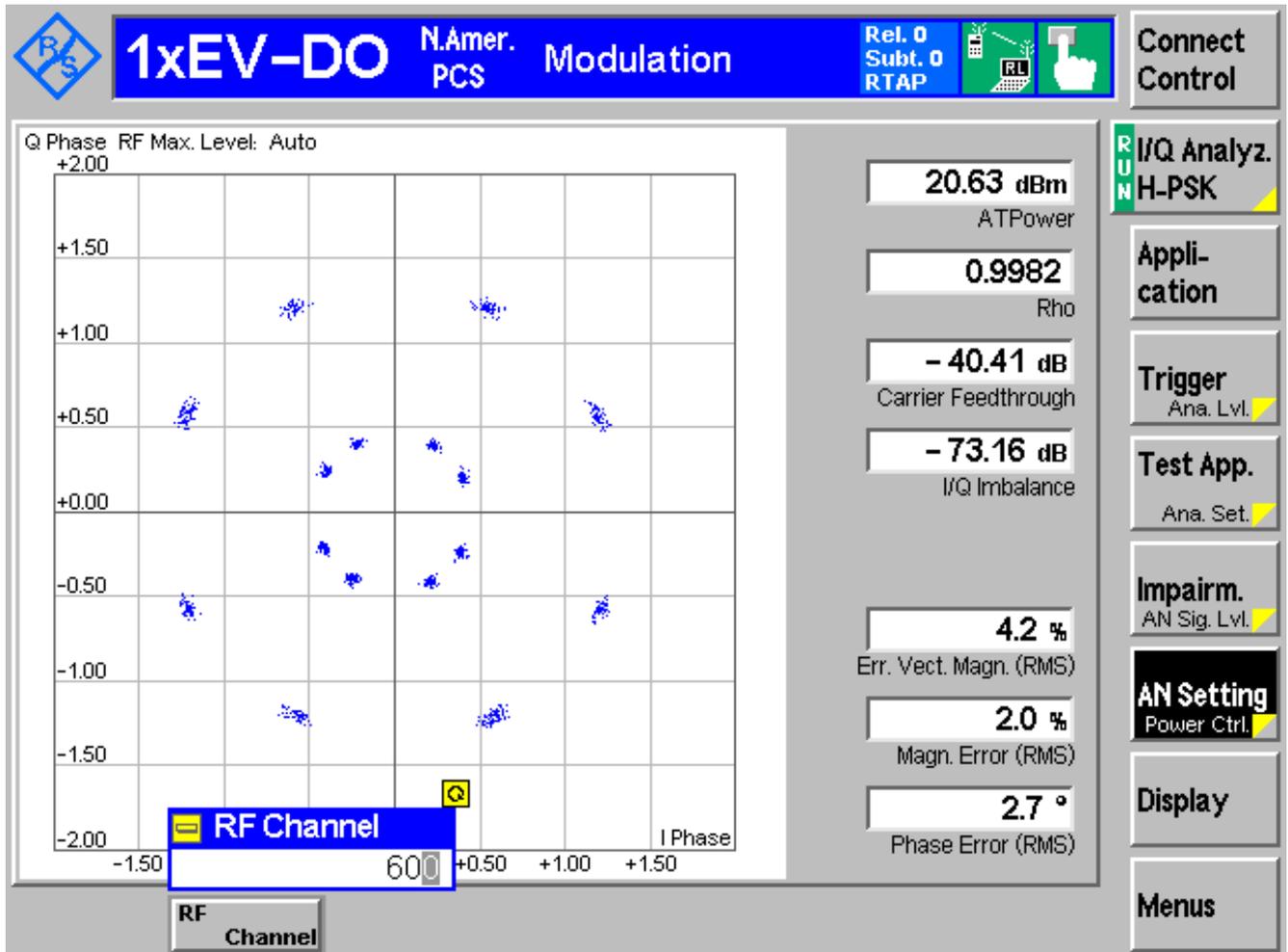




2 For EVDO 1900

2.1 Test Mode = Subtype 0

2.1.1.1 Channel = M



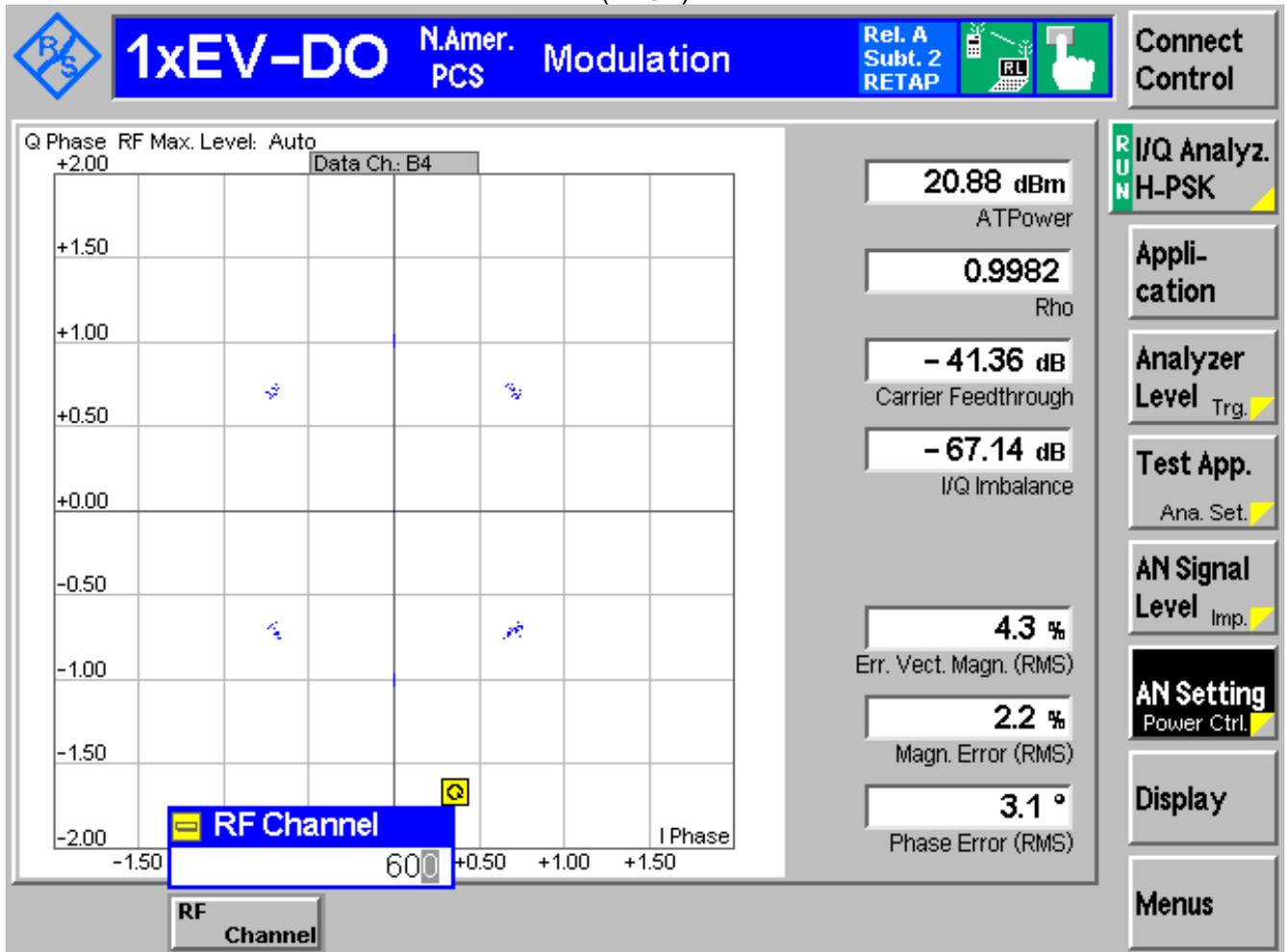


## 2.2 Test Mode = Subtype 2

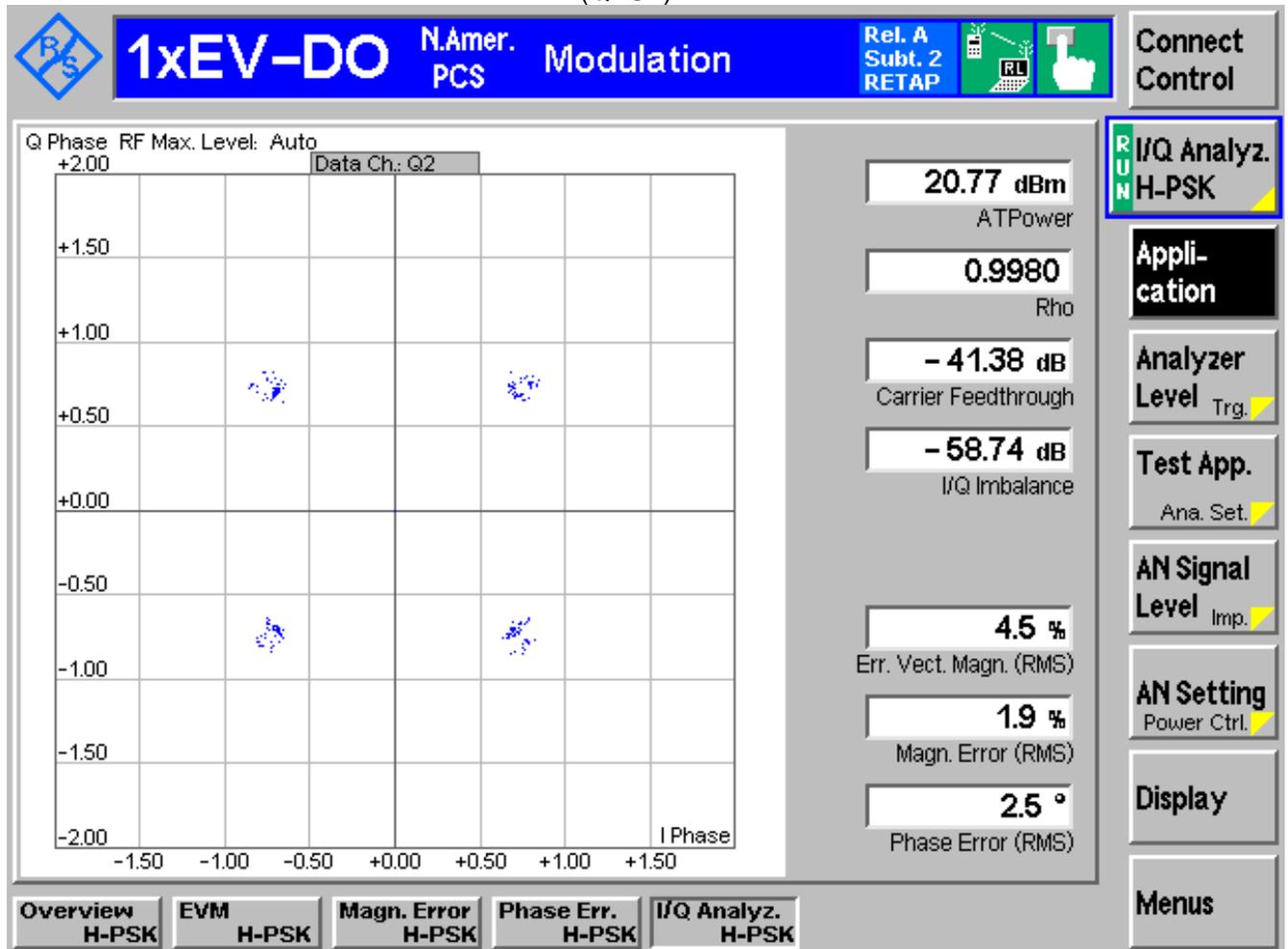
### 2.2.1.1 Channel = M

The R-Data packet size determines the modulation format:

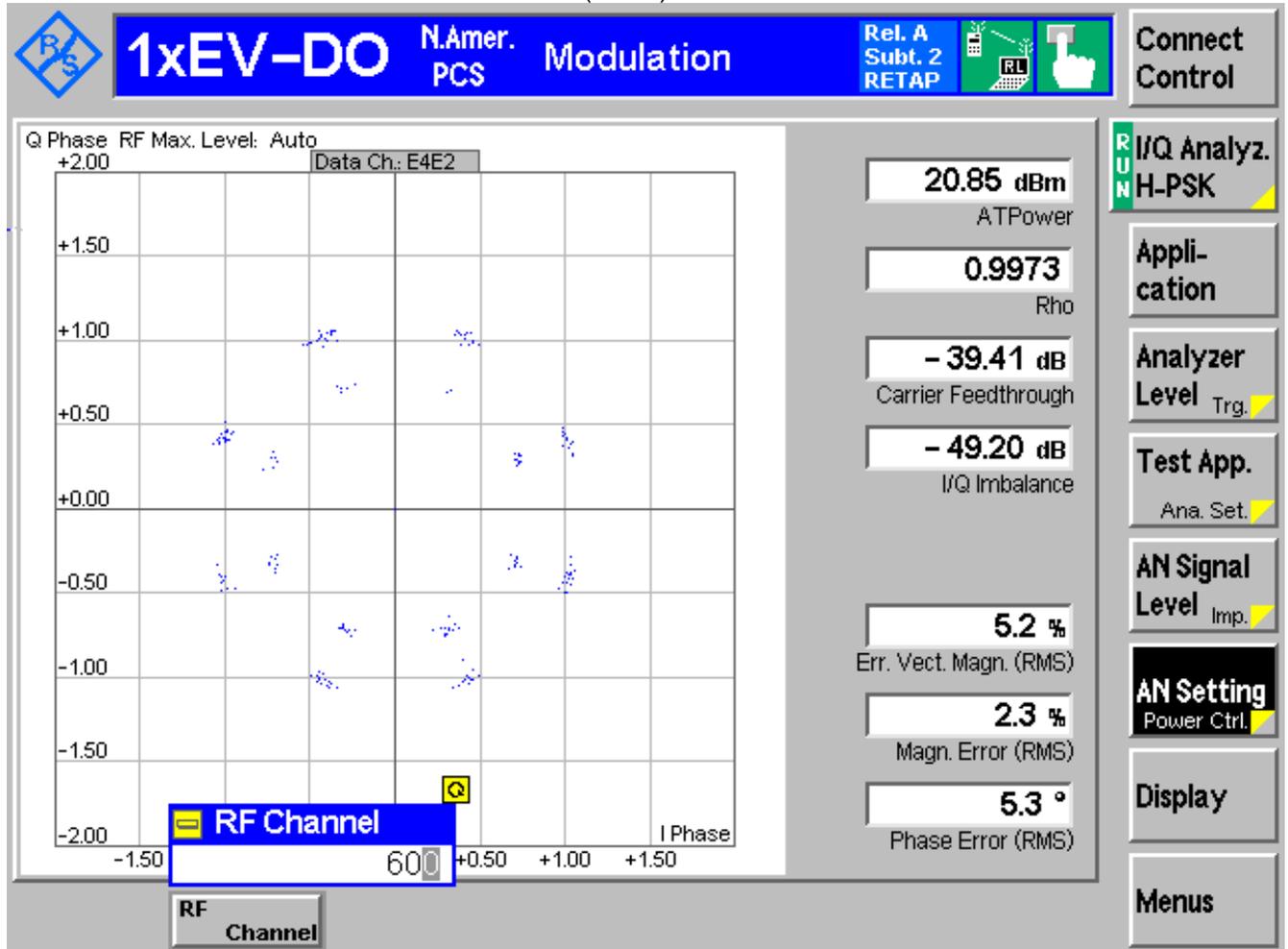
R-Data Pkt Size (256 bits)  
 (BPSK)



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



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



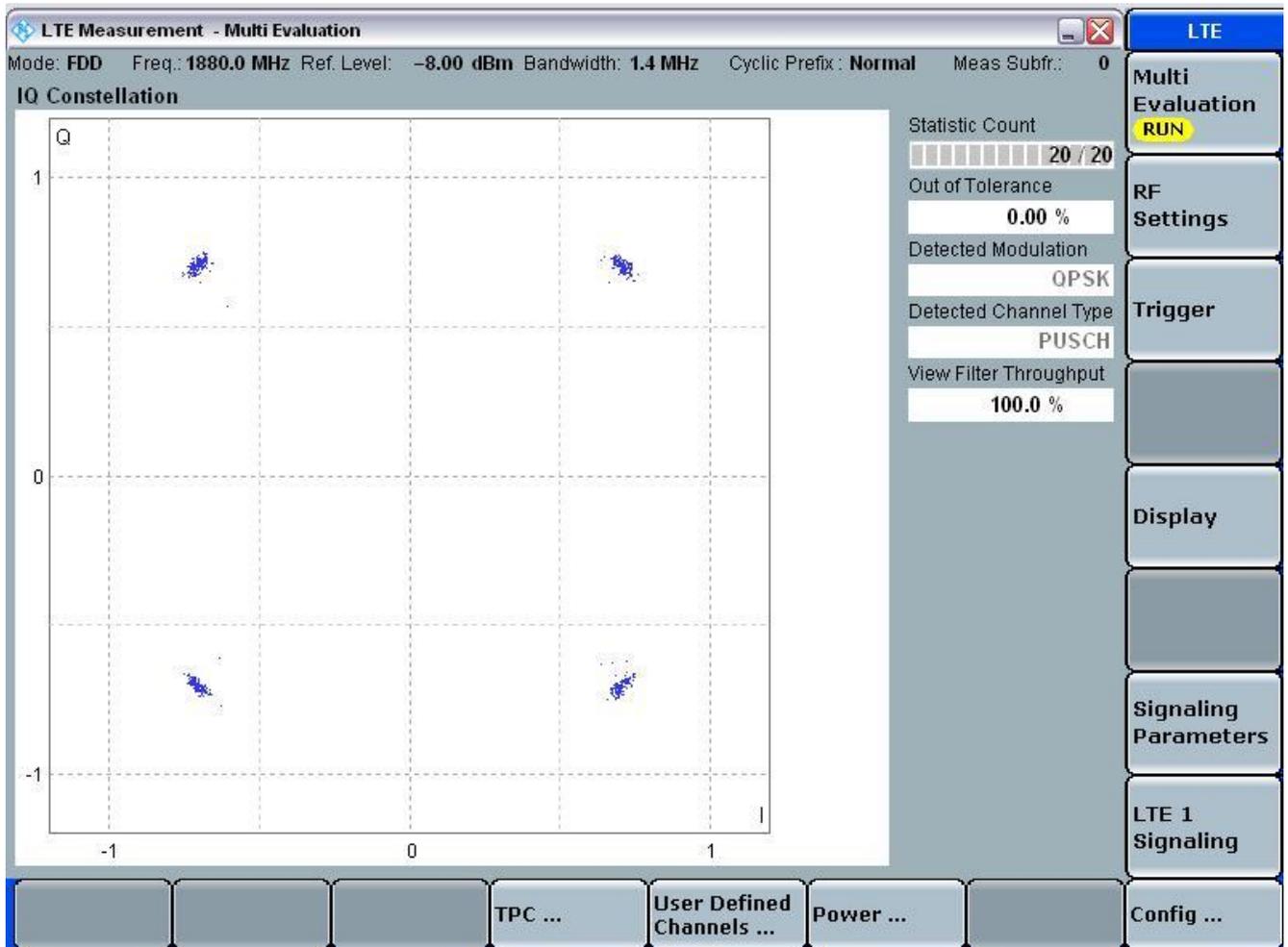
### 3 For Band 2

#### 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

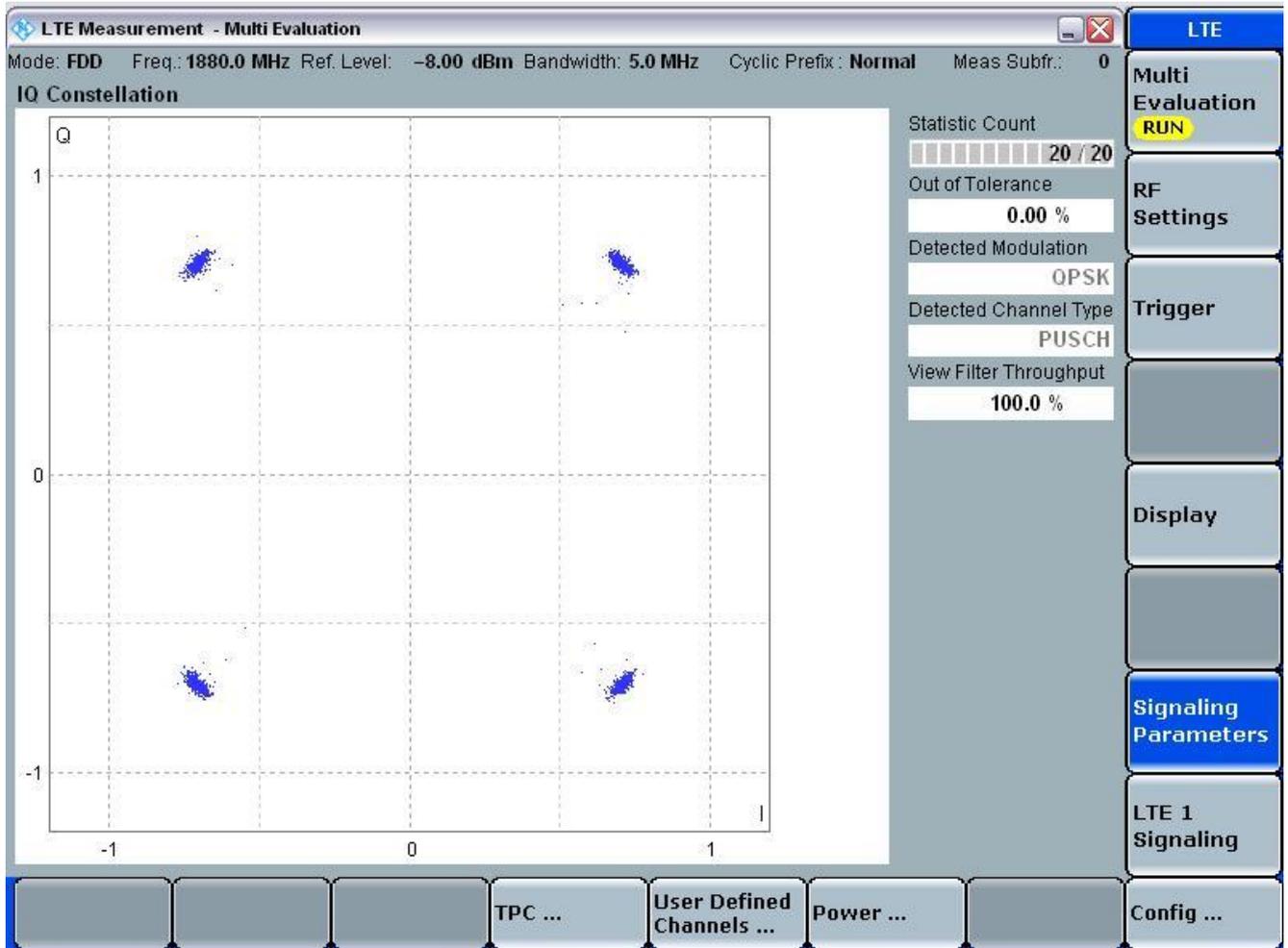




### 3.1.2 Channel Bandwidth =5 MHz

#### 3.1.2.1 Channel = M

##### 3.1.2.1.1 QPSK/full RBs

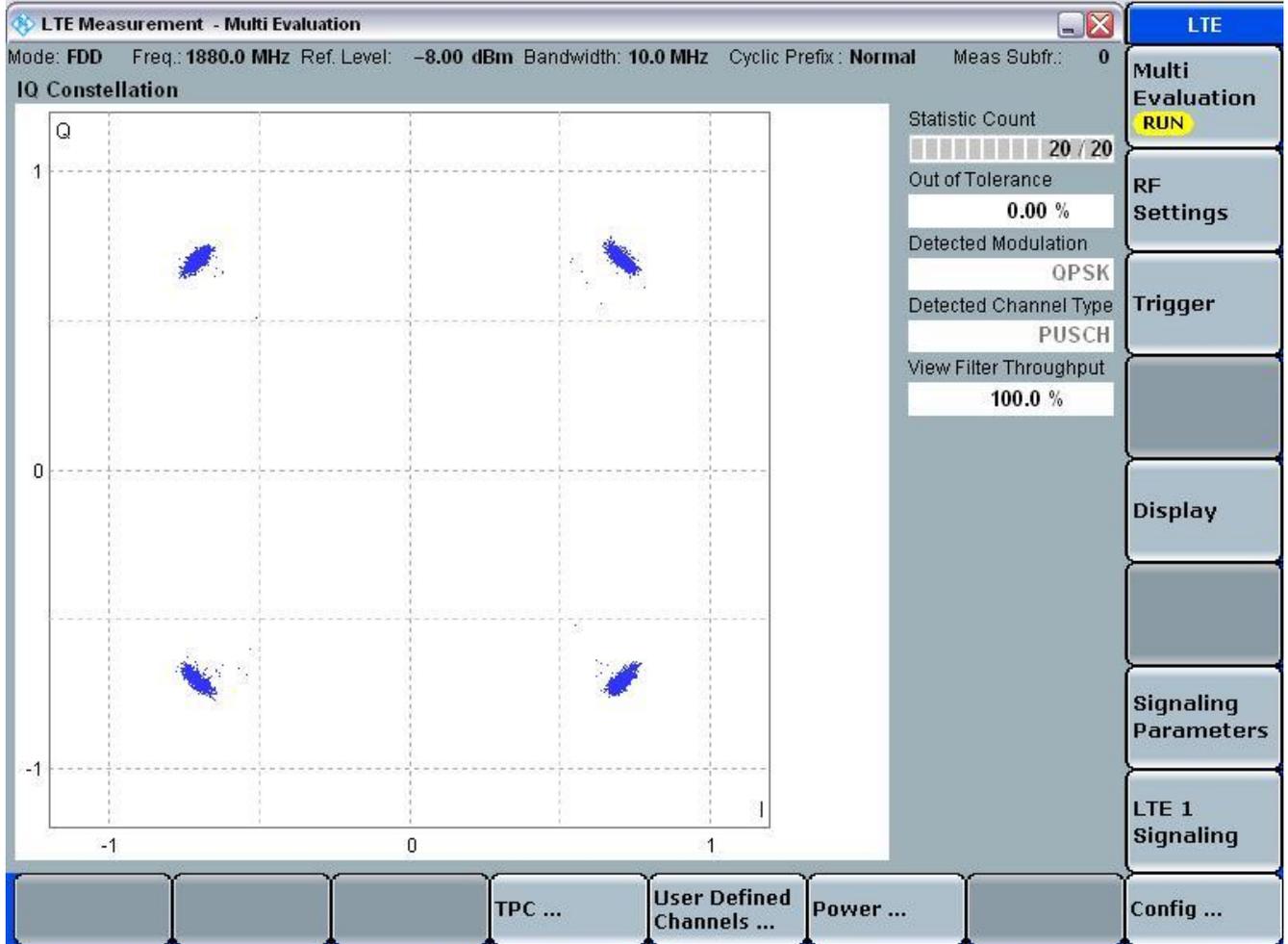




### 3.1.3 Channel Bandwidth = Highest (10 MHz)

#### 3.1.3.1 Channel = M

##### 3.1.3.1.1 QPSK/full RBs

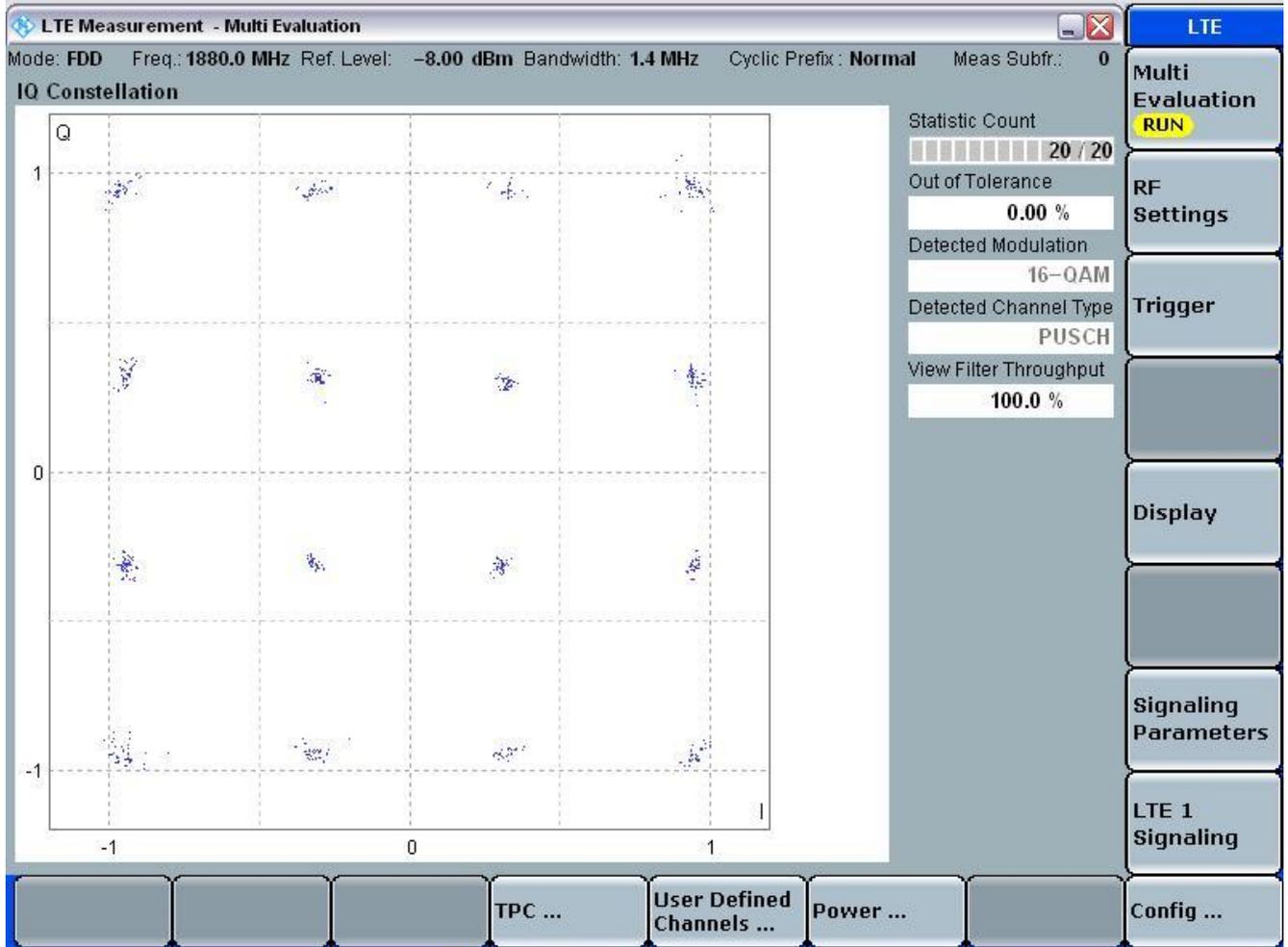


### 3.2 Test Mode = TM5

#### 3.2.1 Channel Bandwidth = Lowest (1.4 MHz)

##### 3.2.1.1 Channel = M

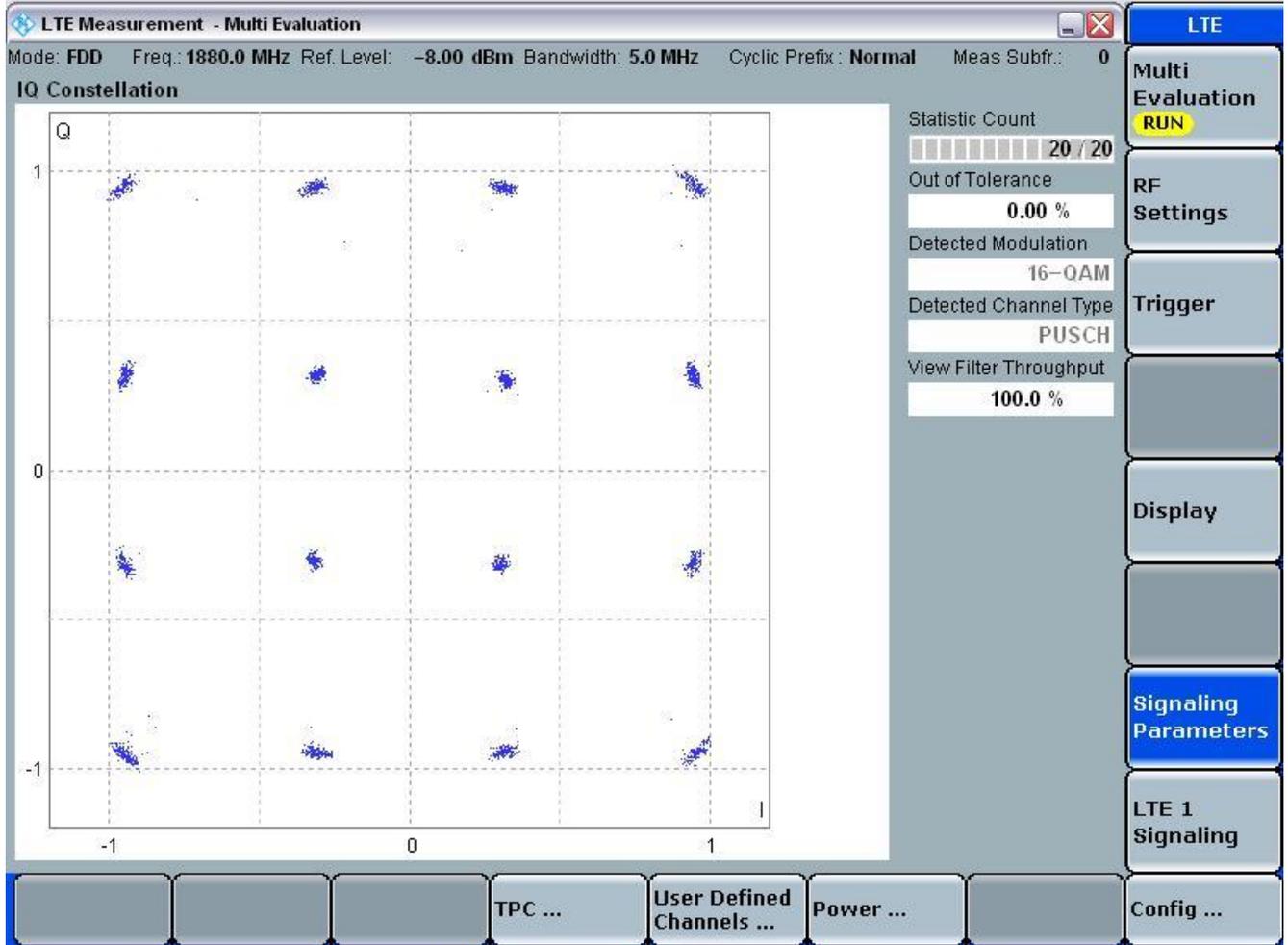
##### 3.2.1.1.1 16QAM/full RBs



### 3.2.2 Channel Bandwidth =5 MHz

#### 3.2.2.1 Channel = M

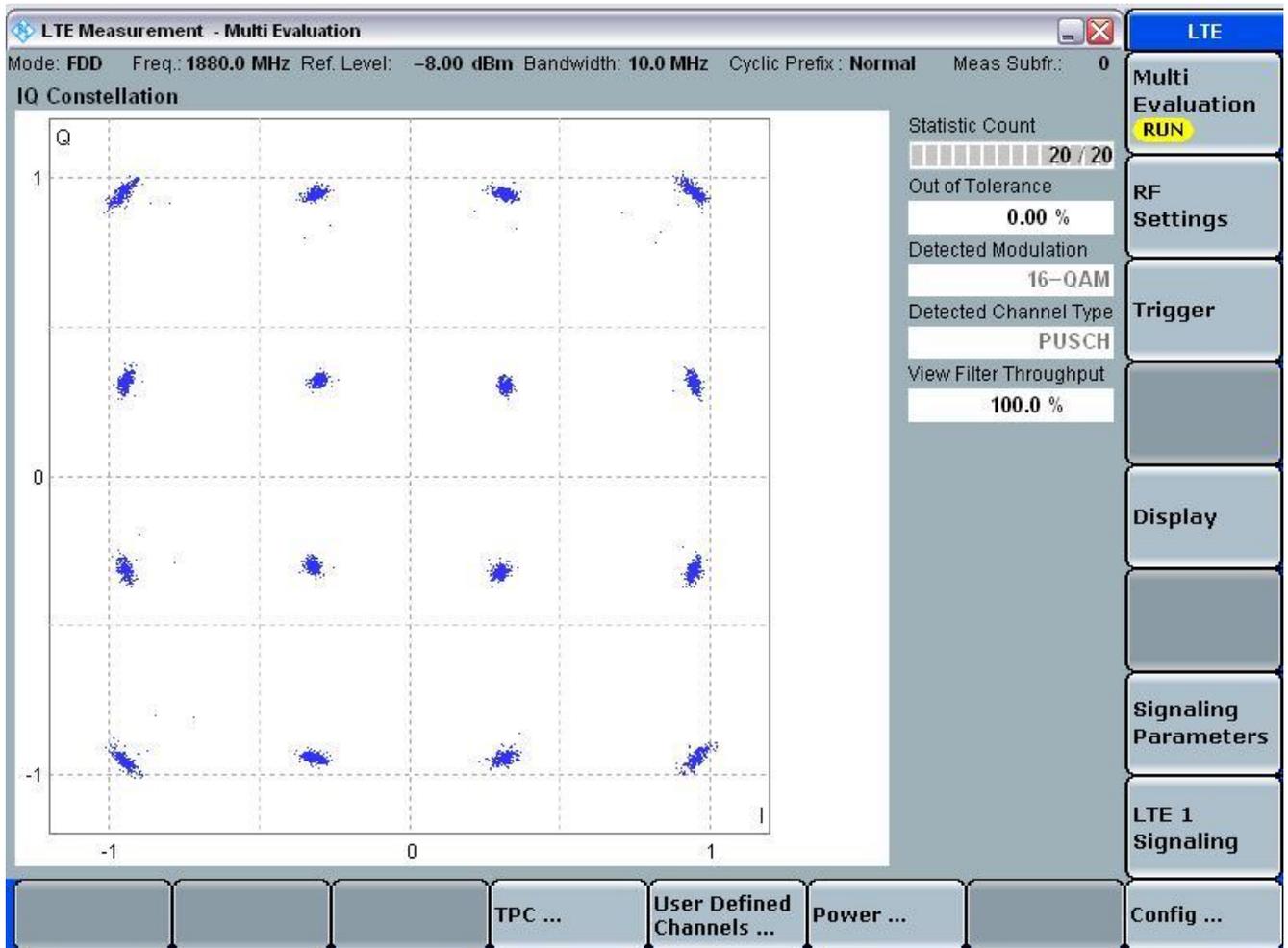
##### 3.2.2.1.1 16QAM/full RBs



### 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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