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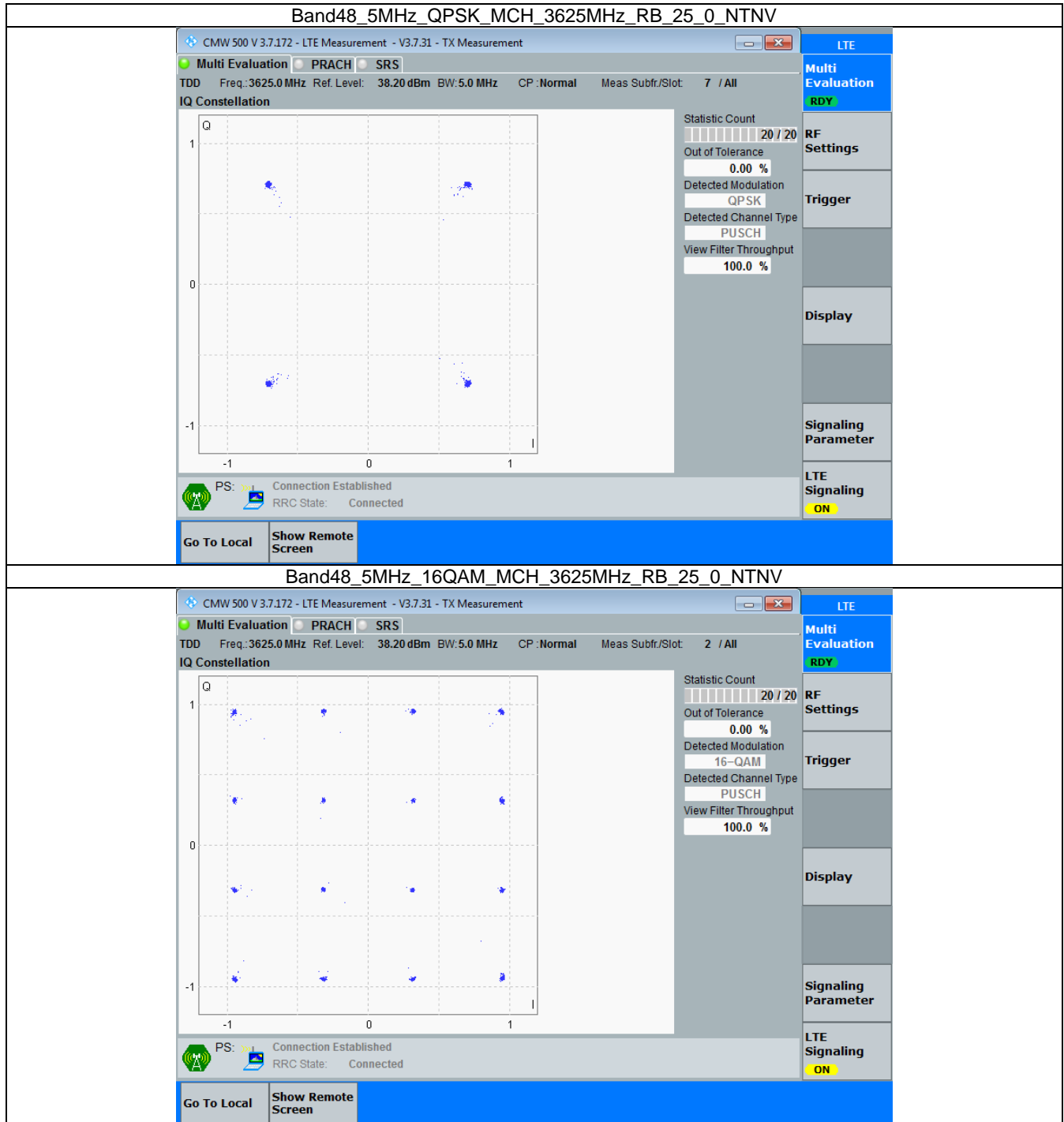
## 1. Modulation Characteristics

### 1.1 B48\_5MHz

#### 1.1.1 Test Result

Band: 48 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	3625	25	0	Refer To Test Graph	Pass	
16QAM	3625	25	0	Refer To Test Graph	Pass	
64QAM	3625	25	0	Refer To Test Graph	Pass	

### 1.1.2 Test Graph





Band48\_5MHz\_64QAM\_MCH\_3625MHz\_RB\_25\_0\_NTNV

CMW 500 V 3.7.172 - LTE Measurement - V3.7.31 - TX MeasurementLTE

Multi Evaluation PRACH SRSMulti Evaluation RDY

TDD Freq.: 3625.0 MHz Ref. Level: 38.30 dBm BW: 5.0 MHz CP: Normal Meas Subfr/Slot: 2 / AllRF Settings

**IQ Constellation**

Statistic Count: 20 / 20  
Out of Tolerance: 0.00 %  
Detected Modulation: 64-QAM  
Detected Channel Type: PUSCH  
View Filter Throughput: 100.0 %

Trigger

Display

Signaling Parameter

LTE Signaling ON

PS: Connection Established RRC State: ConnectedGo To Local Show Remote Screen

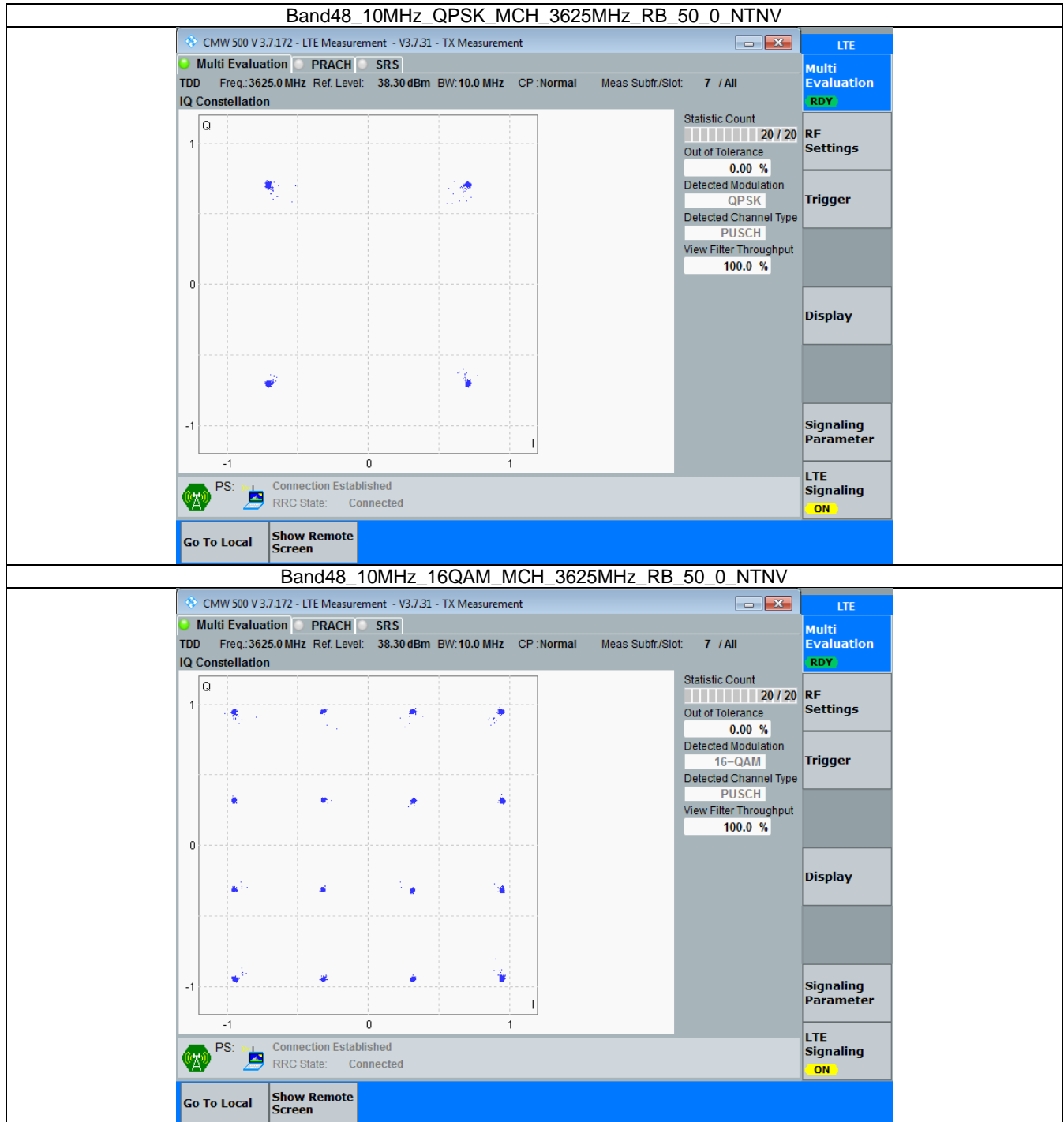


## 1.2 B48\_10MHz

### 1.2.1 Test Result

Band: 48 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	3625	50	0	Refer To Test Graph		Pass
16QAM	3625	50	0	Refer To Test Graph		Pass
64QAM	3625	50	0	Refer To Test Graph		Pass

### 1.2.2 Test Graph





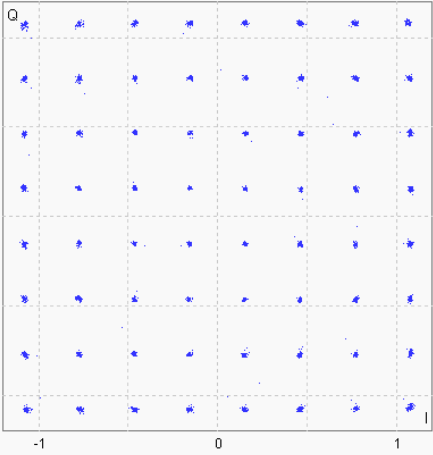
Band48\_10MHz\_64QAM\_MCH\_3625MHz\_RB\_50\_0\_NTNV

CMW 500 V 3.7.172 - LTE Measurement - V3.7.31 - TX MeasurementLTE

Multi Evaluation PRACH SRSMulti Evaluation RDY

TDD Freq.: 3625.0 MHz Ref. Level: 38.30 dBm BW: 10.0 MHz CP: Normal Meas Subfr/Slot: 2 / AllRF Settings

**IQ Constellation**



Statistic Count  
20 / 20

Out of Tolerance  
0.00 %

Detected Modulation  
64-QAM

Detected Channel Type  
PUSCH

View Filter Throughput  
100.0 %

Trigger

Display

Signaling Parameter

LTE Signaling  
ON

PS: Connection Established RRC State: ConnectedGo To Local Show Remote Screen



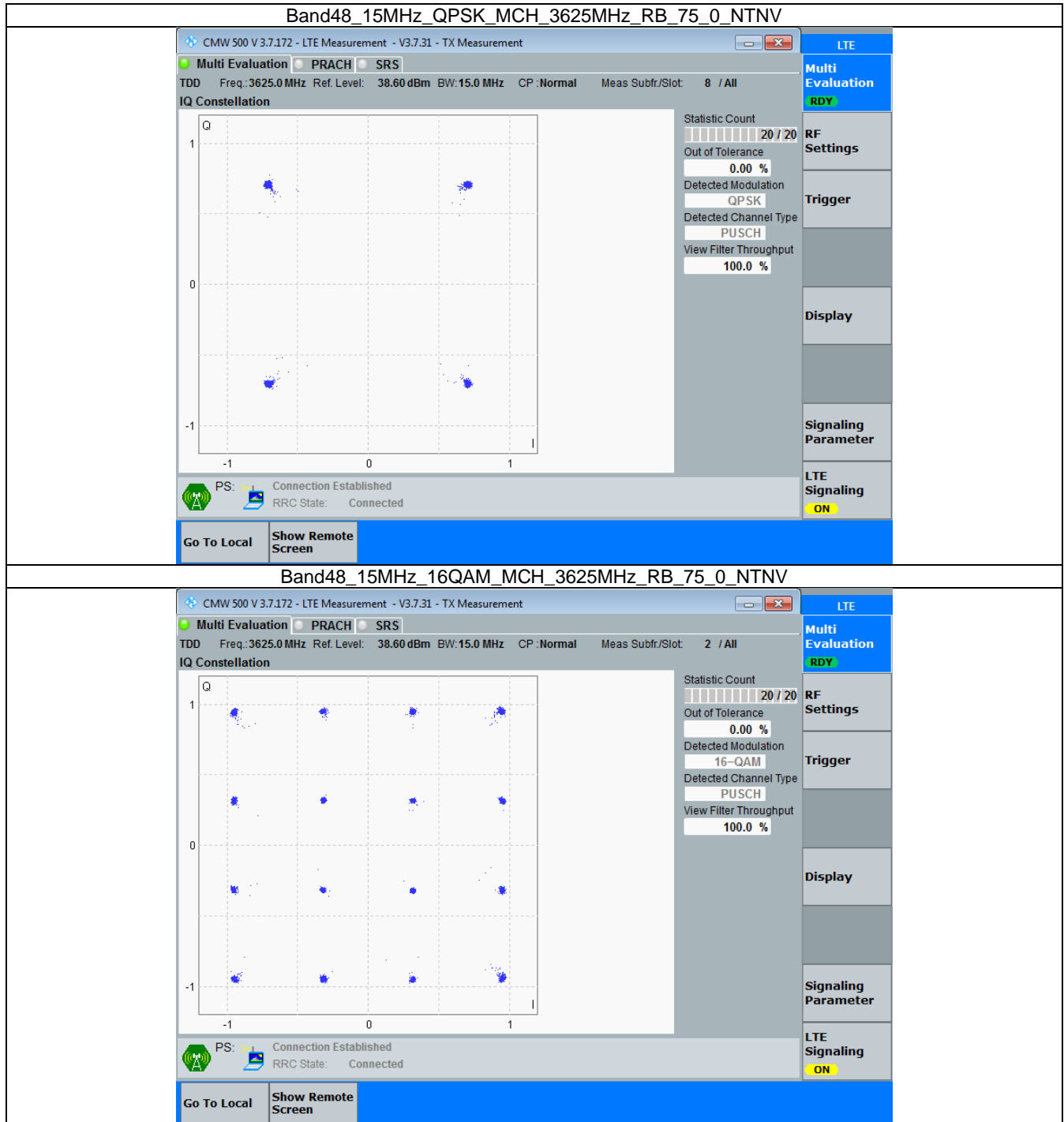
### 1.3 B48\_15MHz

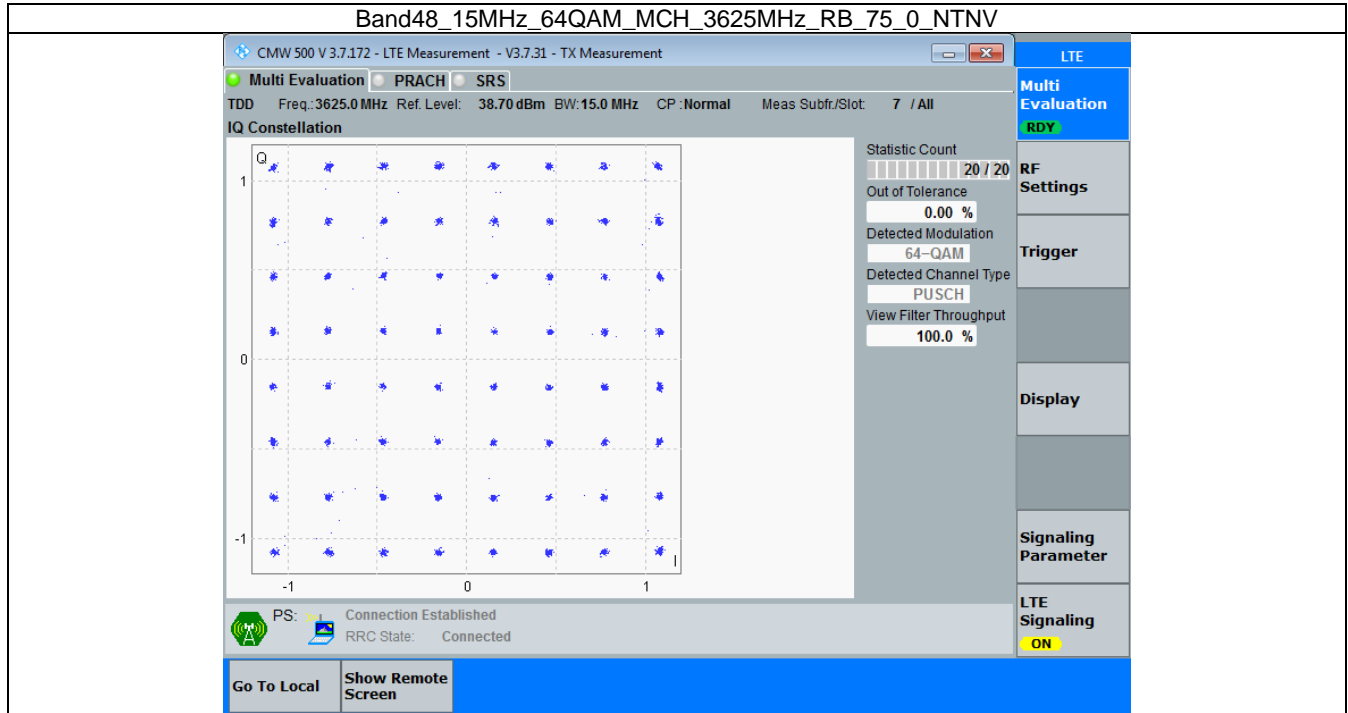
#### 1.3.1 Test Result

Band: 48 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	3625	75	0	Refer To Test Graph		Pass
16QAM	3625	75	0	Refer To Test Graph		Pass
64QAM	3625	75	0	Refer To Test Graph		Pass



1.3.2 Test Graph





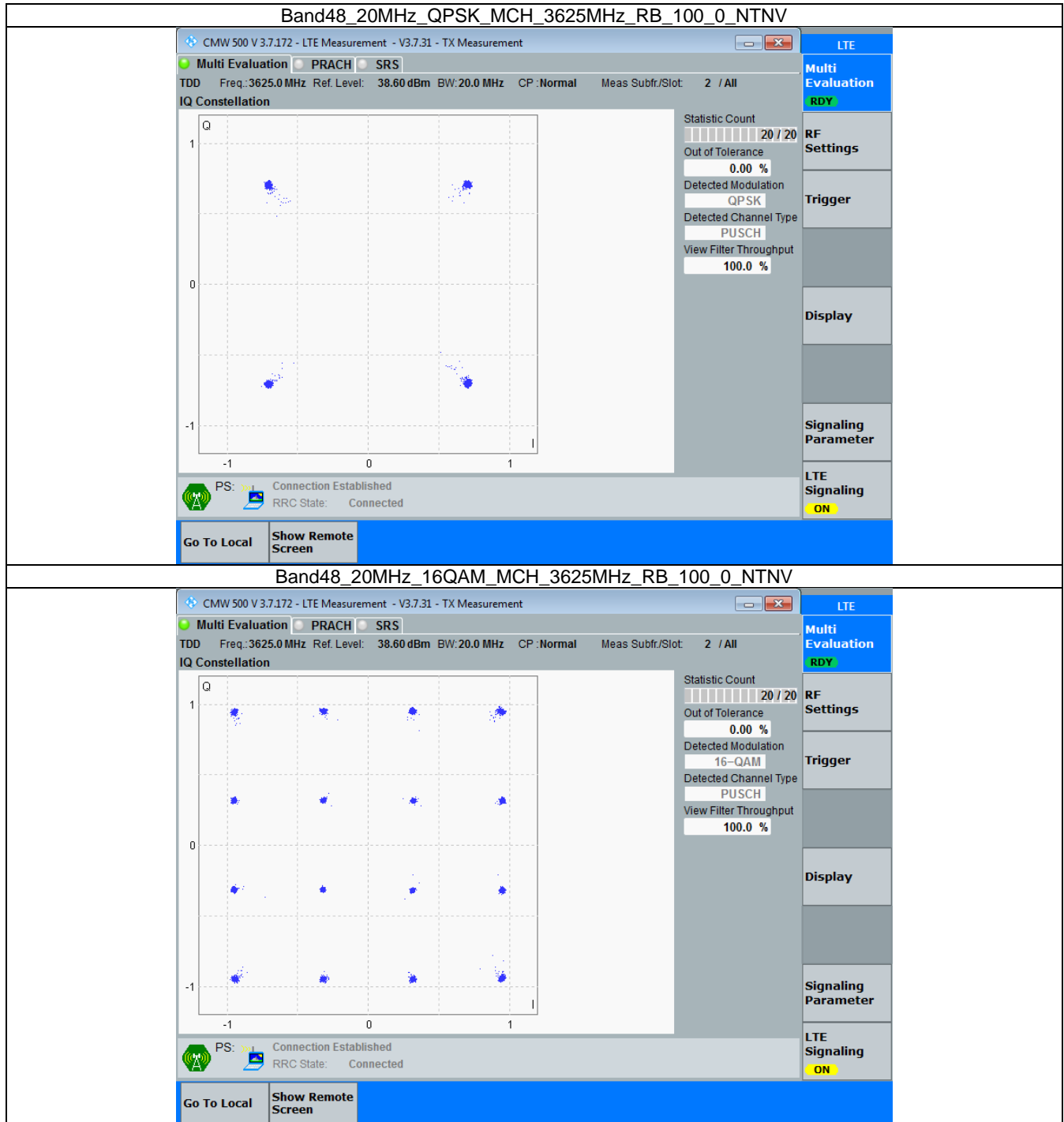


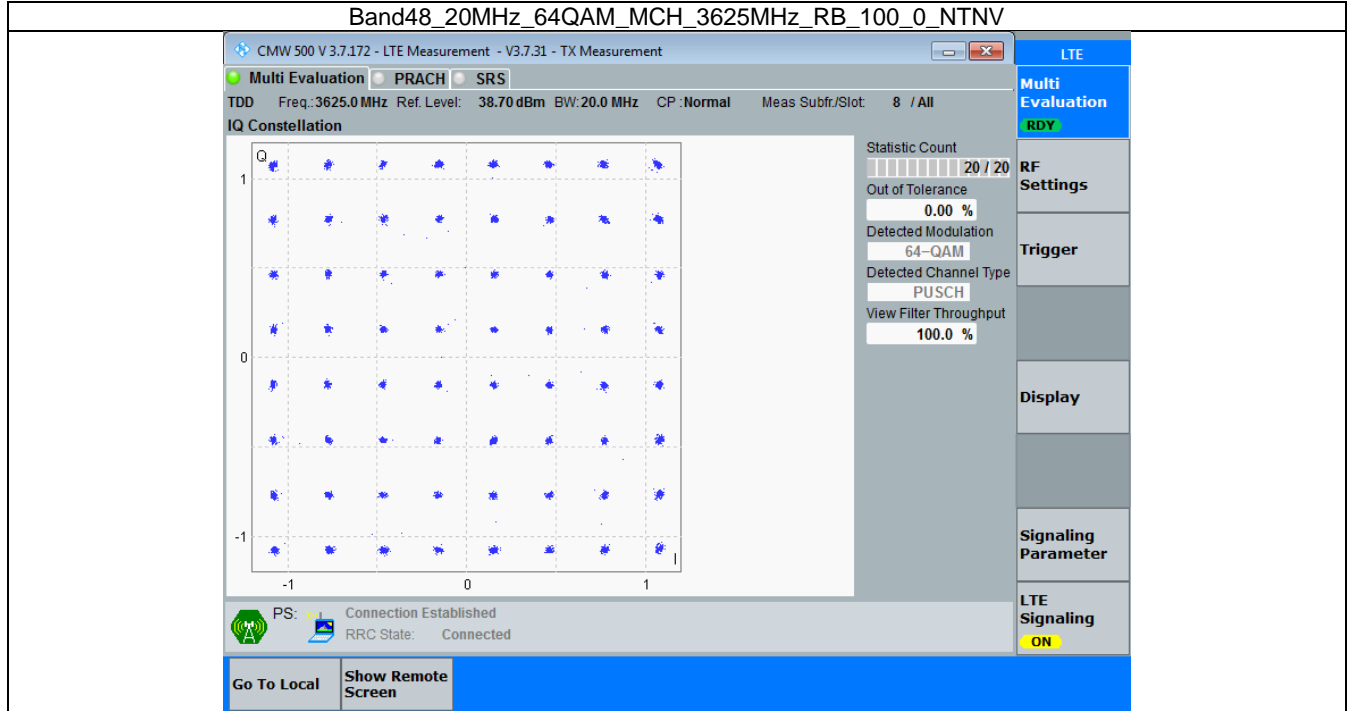
## 1.4 B48\_20MHz

### 1.4.1 Test Result

Band: 48 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	3625	100	0	Refer To Test Graph		Pass
16QAM	3625	100	0	Refer To Test Graph		Pass
64QAM	3625	100	0	Refer To Test Graph		Pass

### 1.4.2 Test Graph





- End of the Report -