

LTE B48

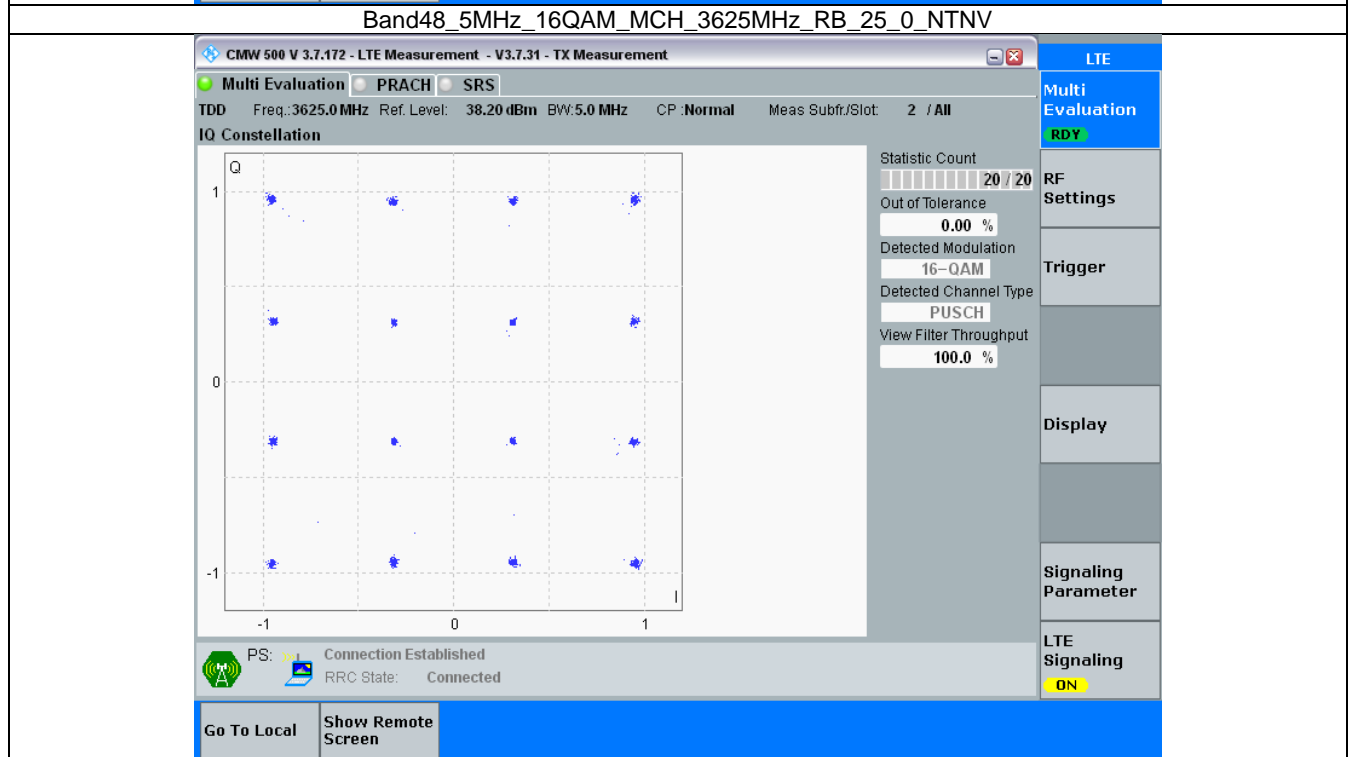
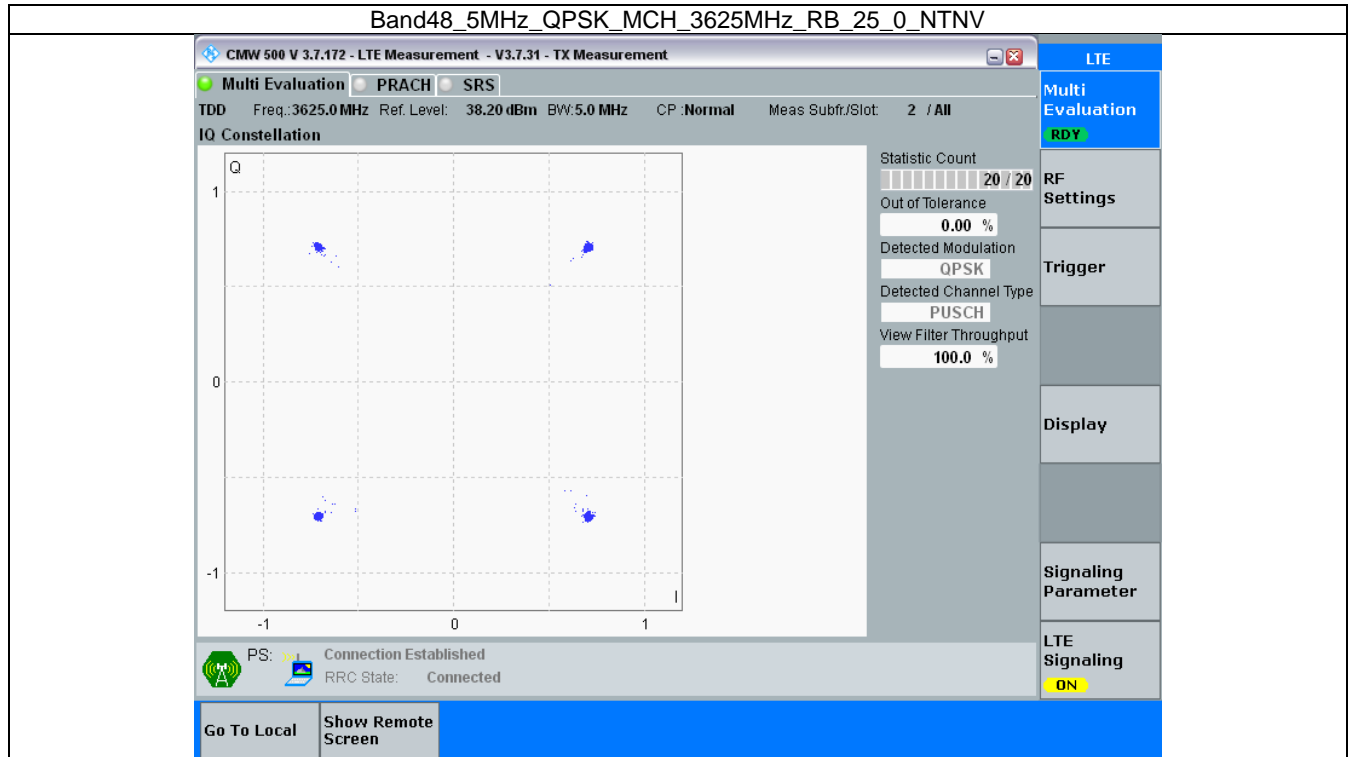
1. Modulation Characteristics

1.1 B48_5MHz

1.1.1 Test Result

Band: 48 / Bandwidth: 5MHz / NTV						
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

1.1.2 Test Graph

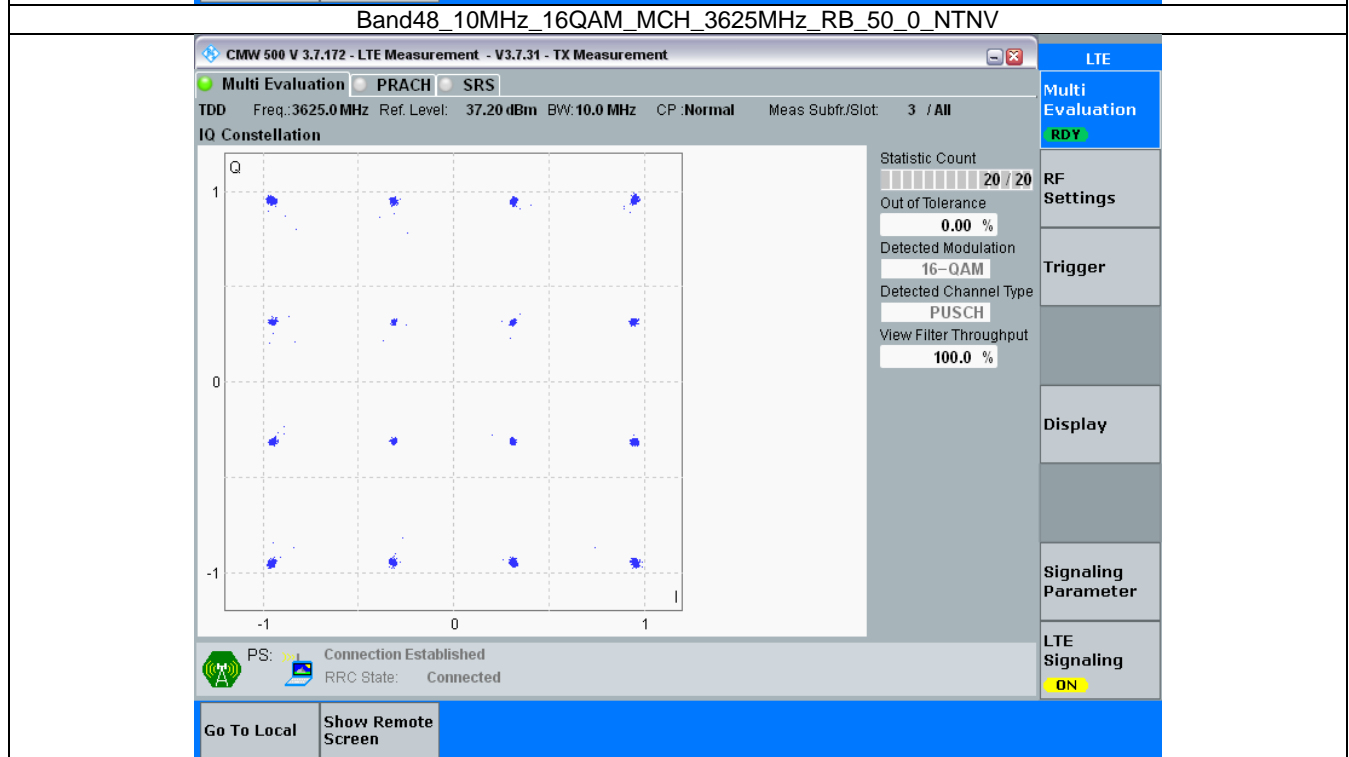
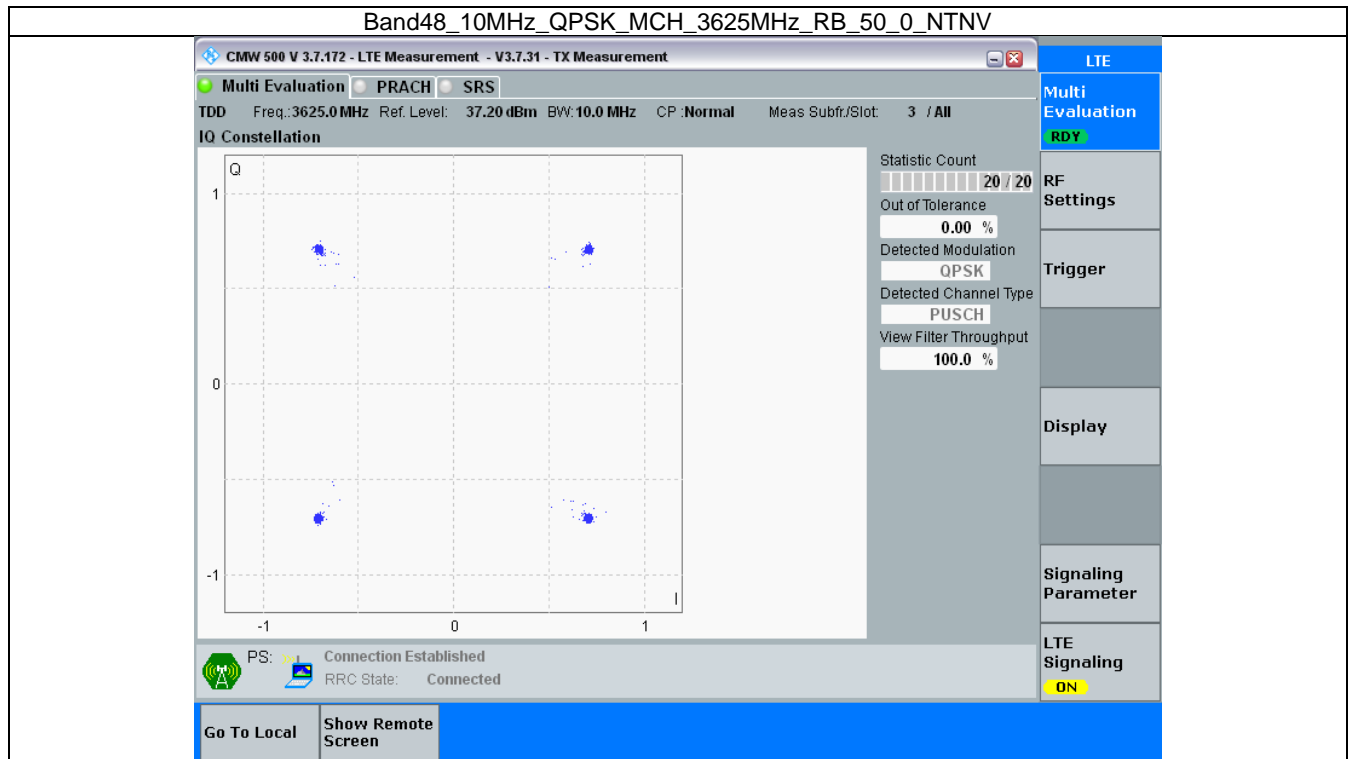


1.2 B48_10MHz

1.2.1 Test Result

Band: 48 / Bandwidth: 10MHz / NTNV						
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	

1.2.2 Test Graph

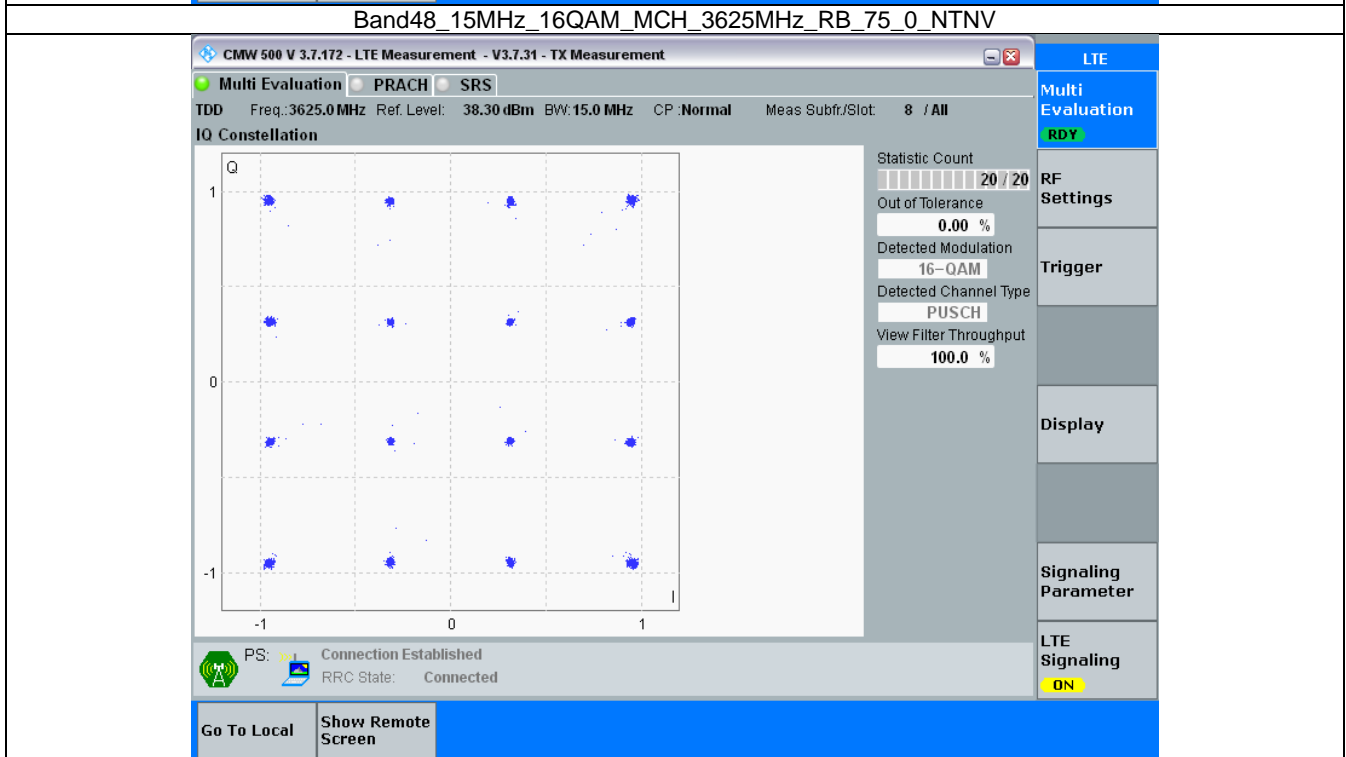
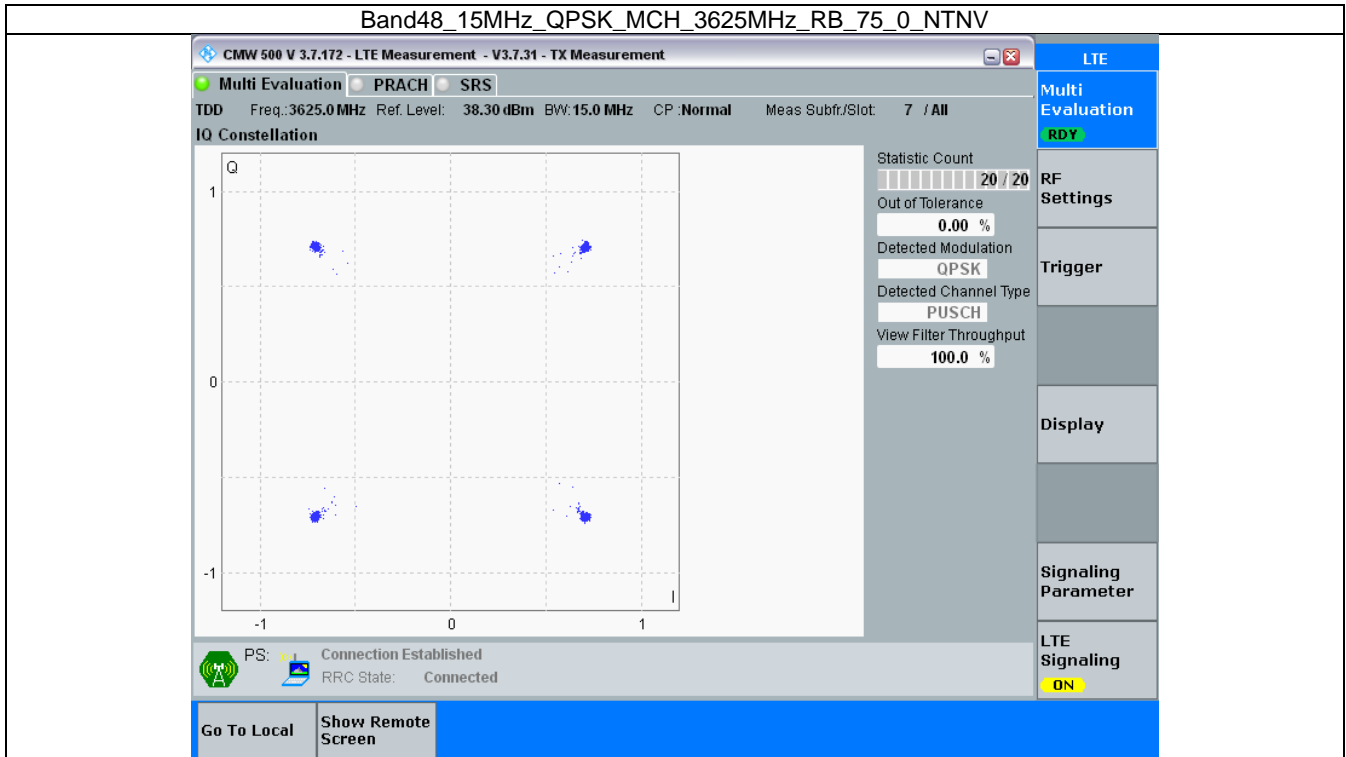


1.3 B48_15MHz

1.3.1 Test Result

Band: 48 / Bandwidth: 15MHz / NTNV						
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	

1.3.2 Test Graph

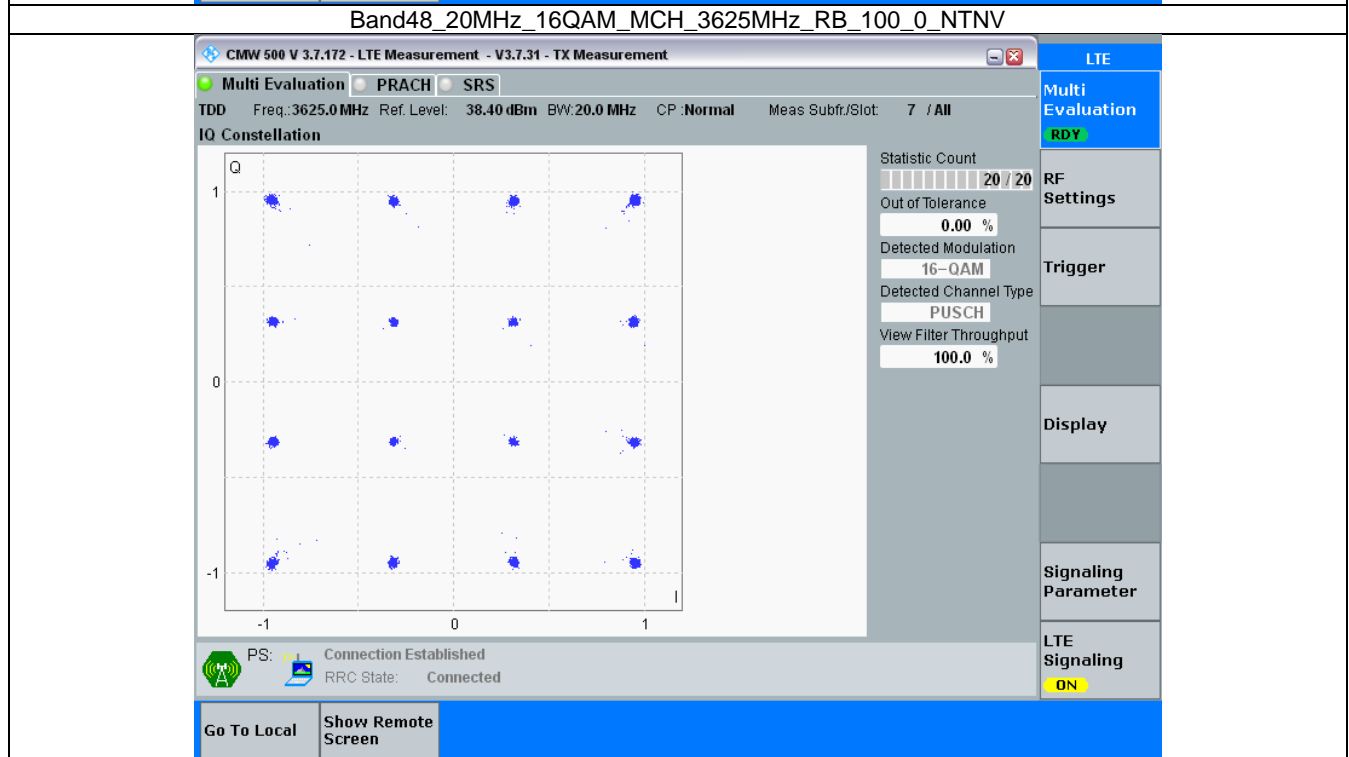
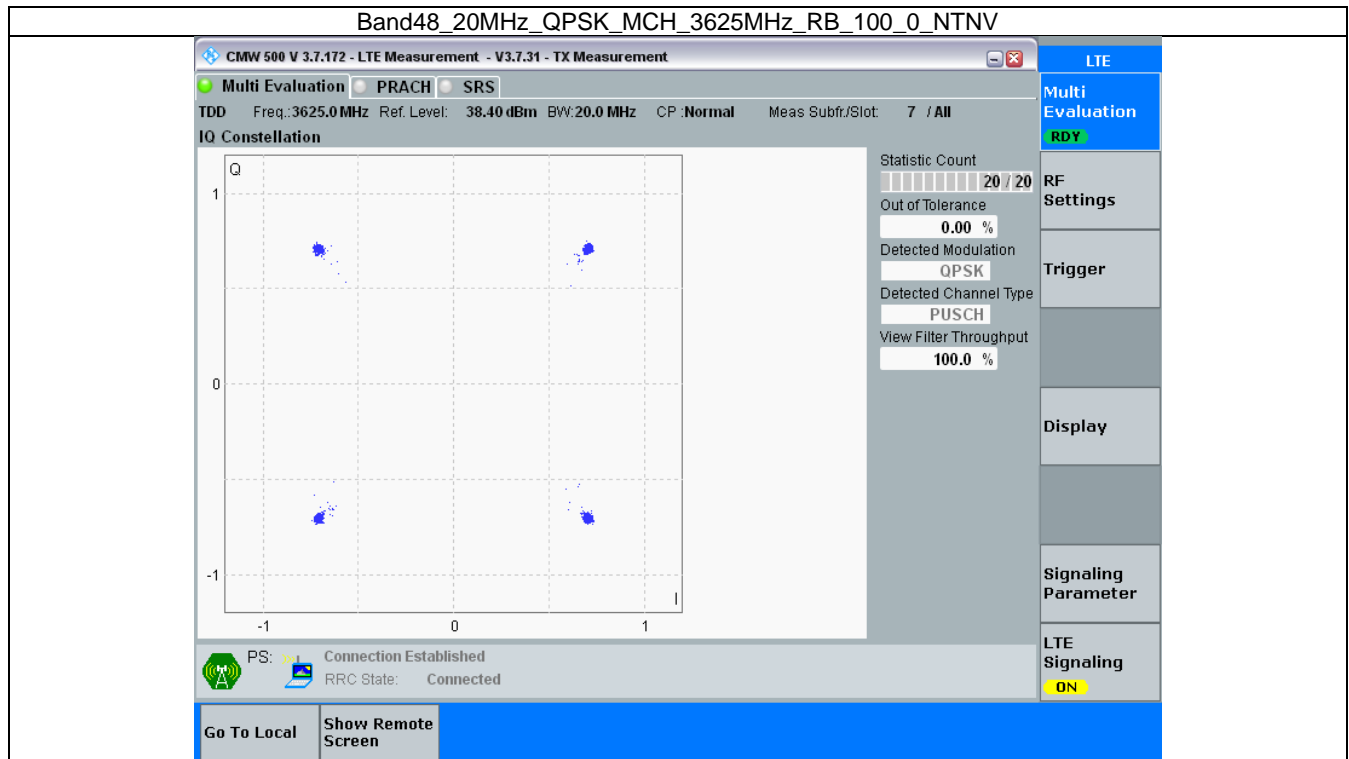


1.4 B48_20MHz

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	

1.4.2 Test Graph



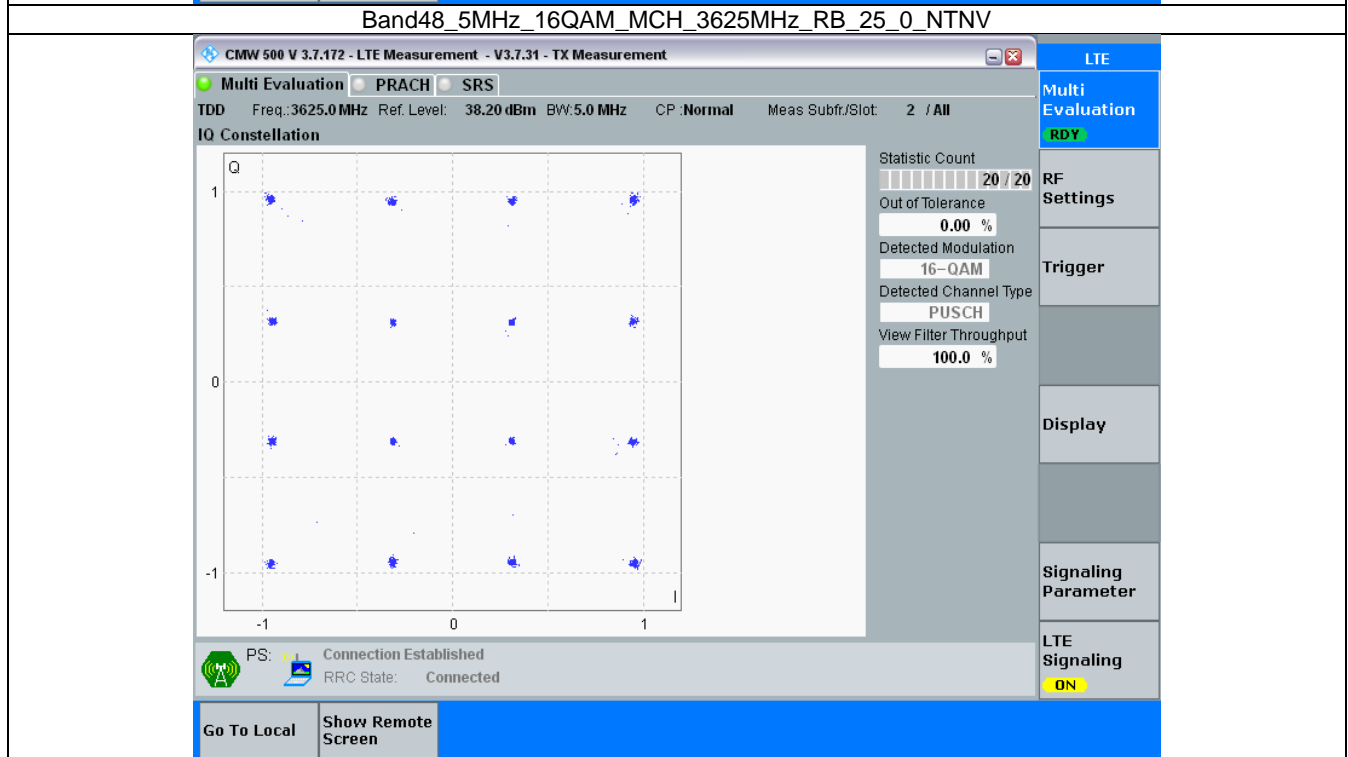
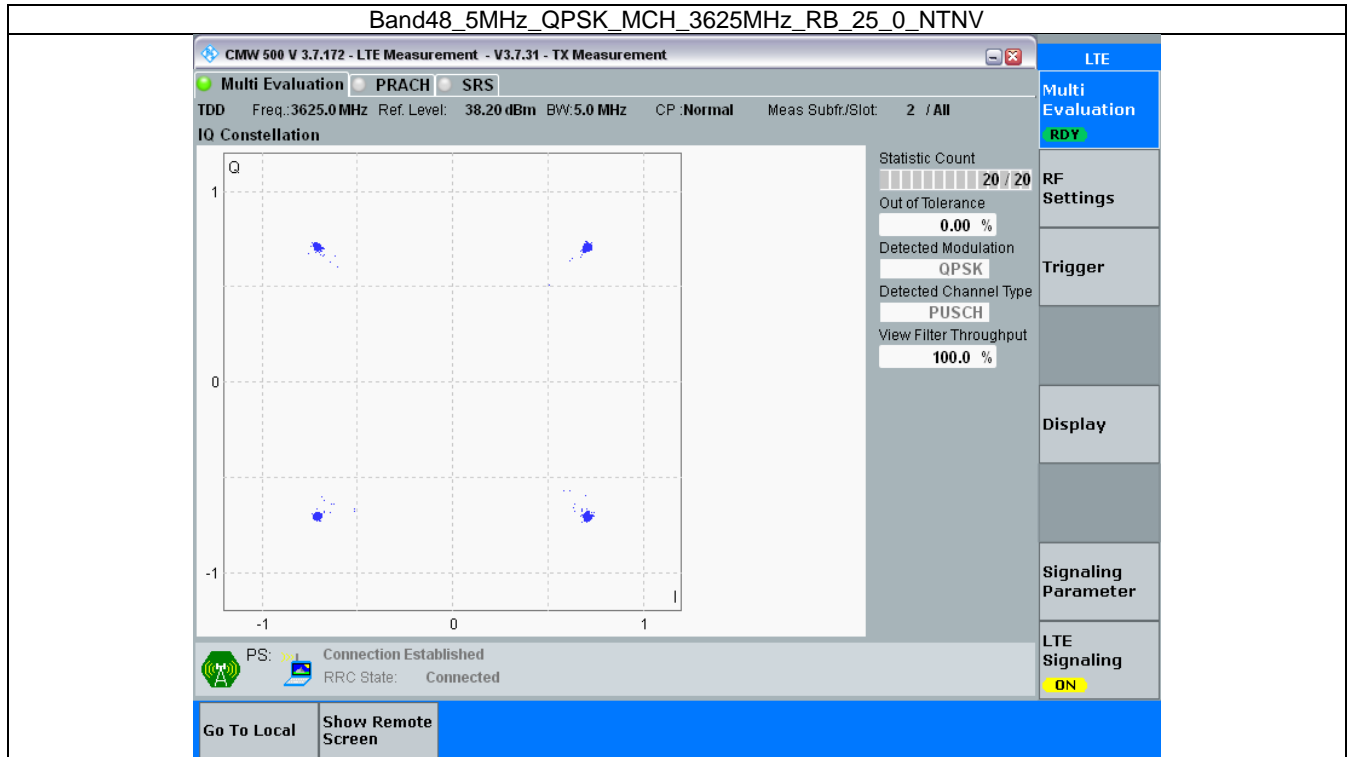
3. Modulation Characteristics

3.1 B48_5MHz

3.1.1 Test Result

Band: 48 / Bandwidth: 5MHz / NTN						
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

3.1.2 Test Graph

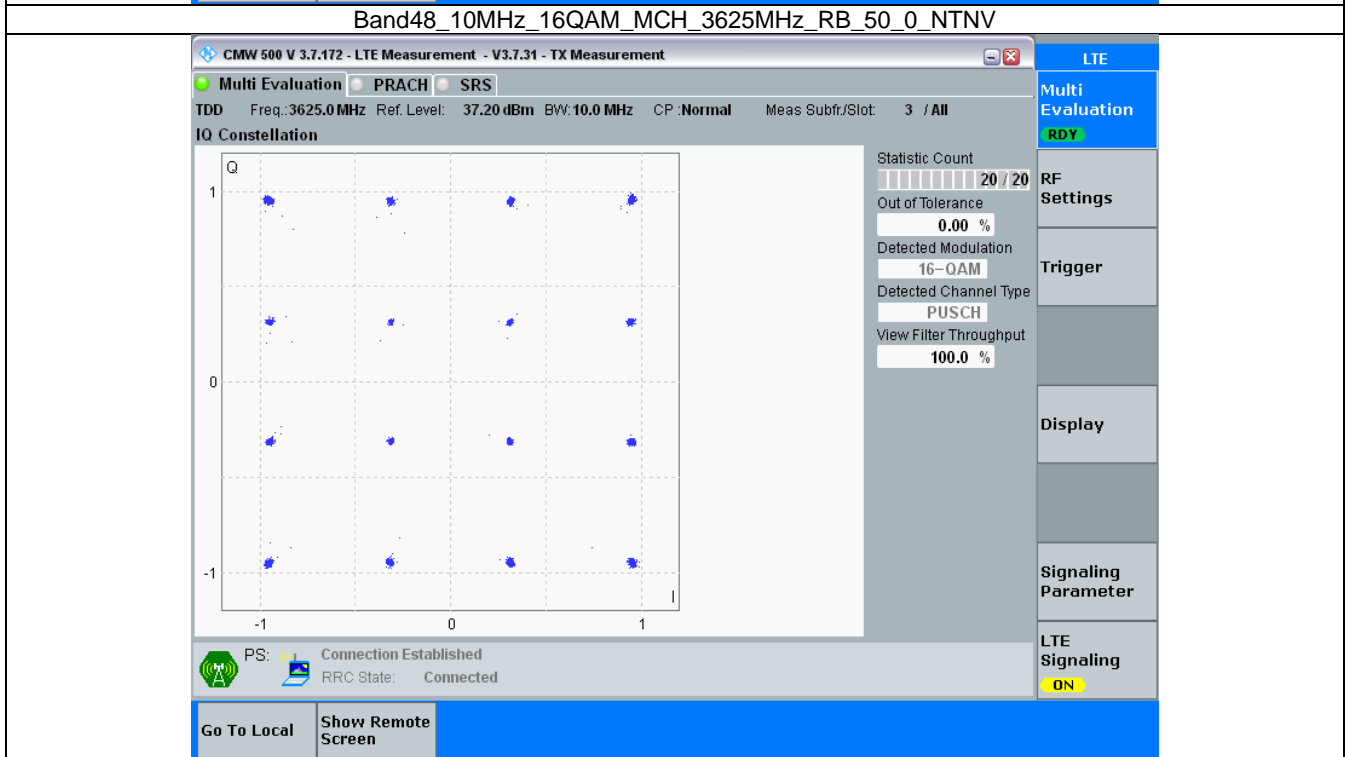
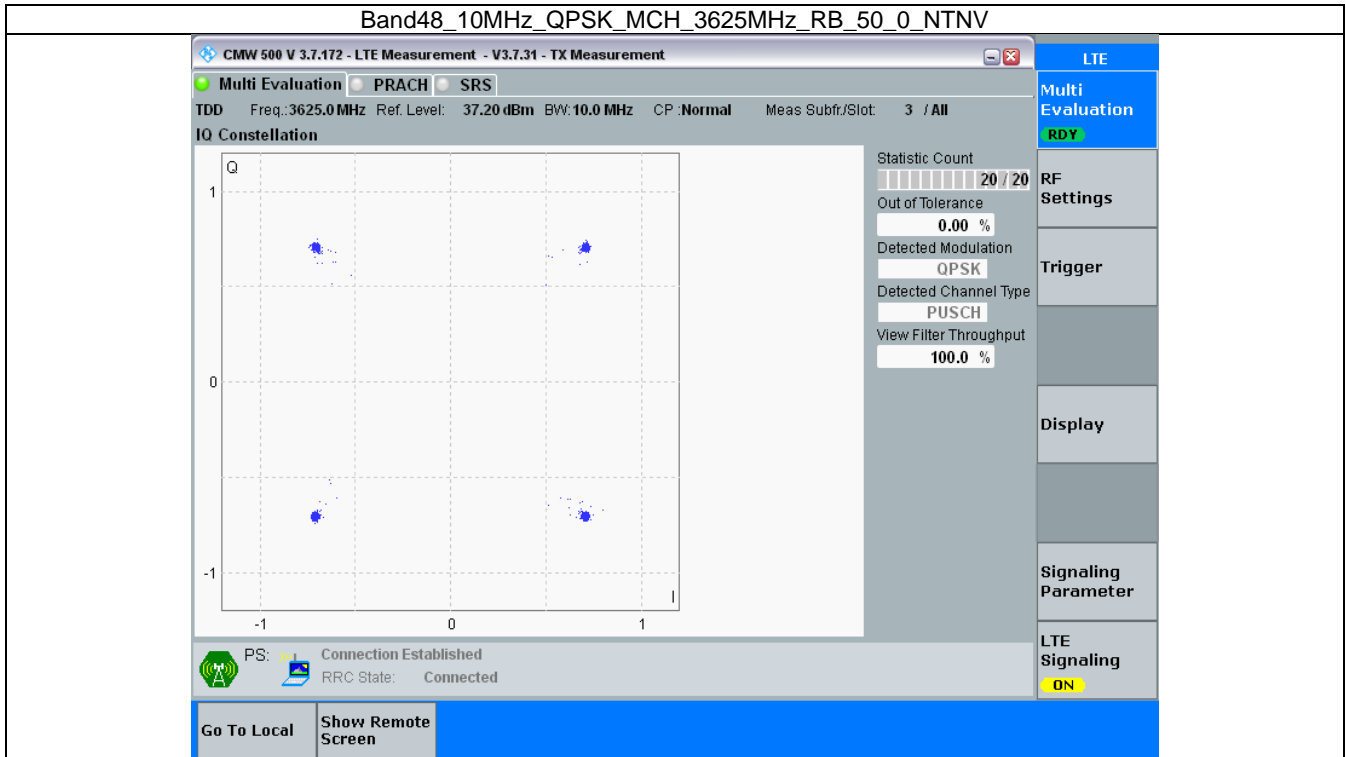


3.2 B48_10MHz

3.2.1 Test Result

Band: 48 / Bandwidth: 10MHz / 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	

3.2.2 Test Graph

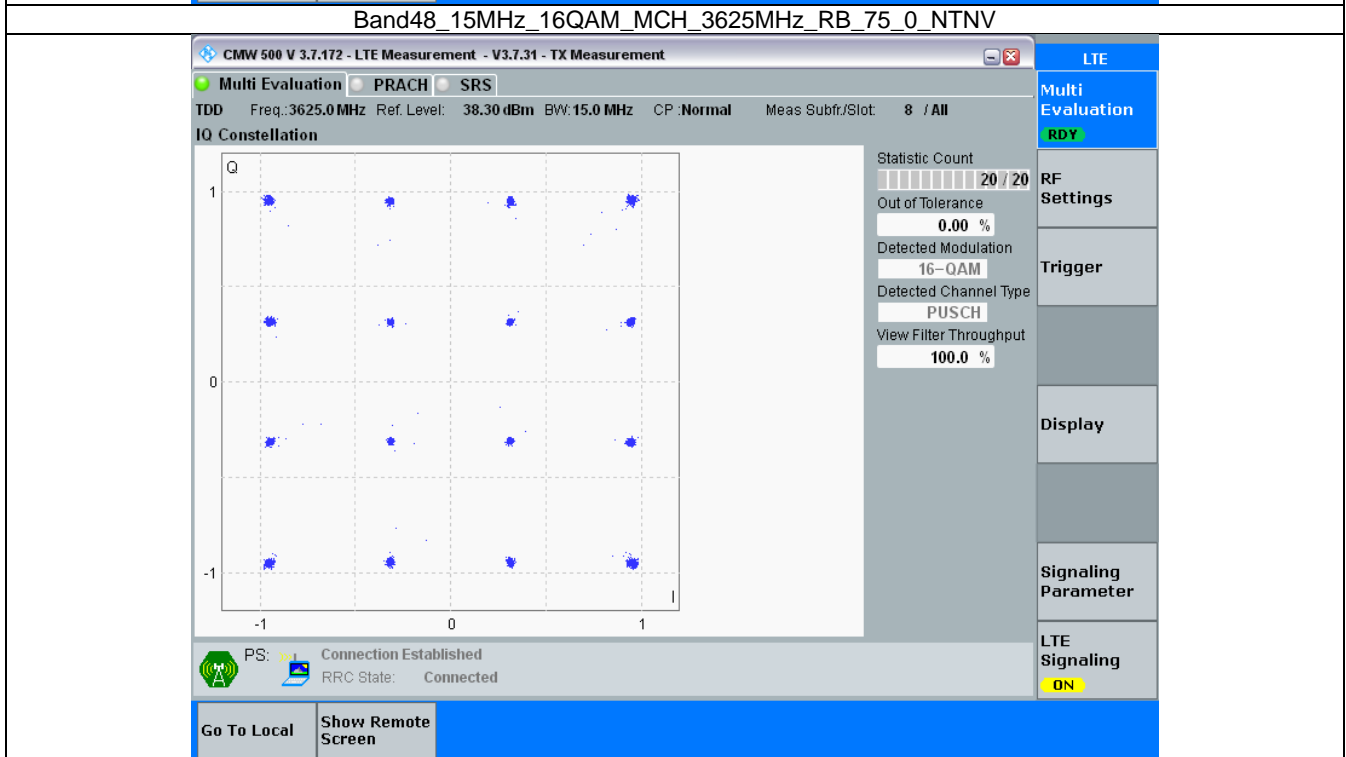
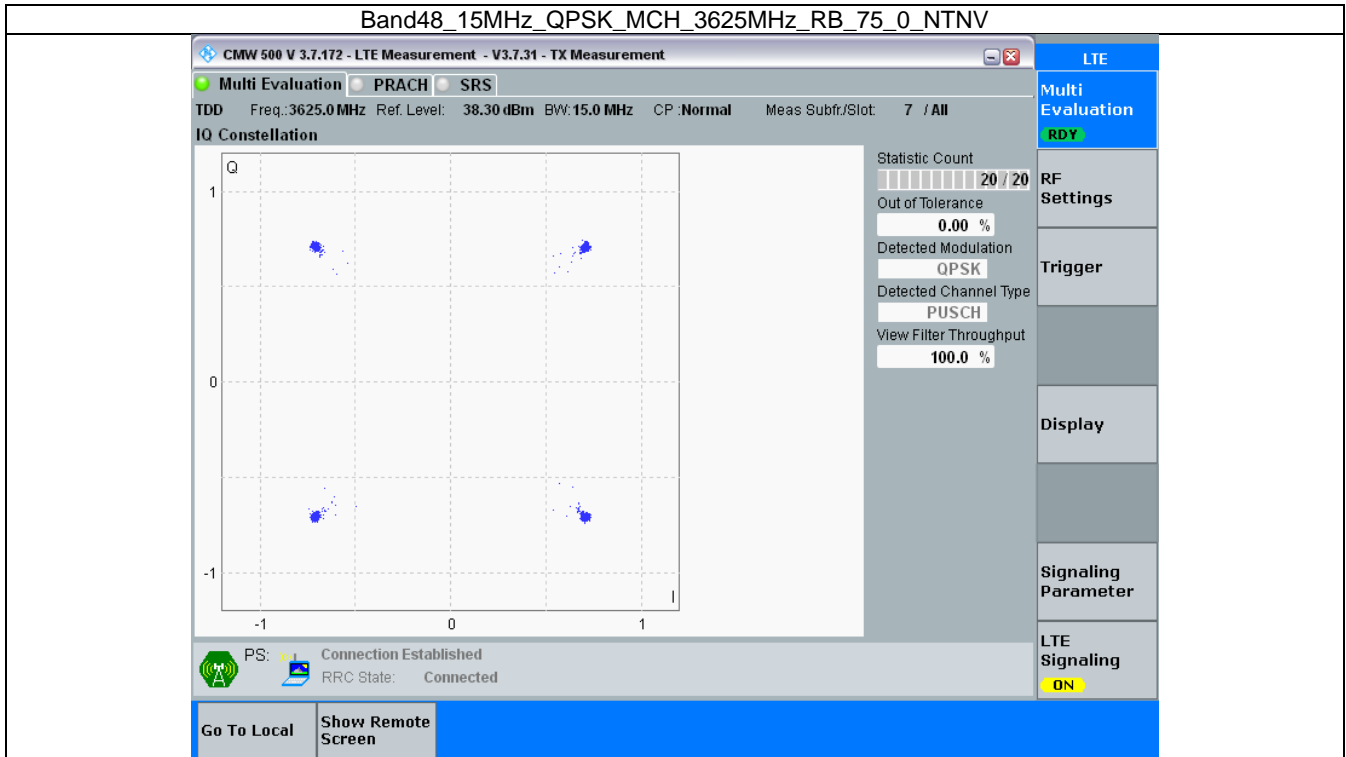


3.3 B48_15MHz

3.3.1 Test Result

Band: 48 / Bandwidth: 15MHz / NTV						
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	

3.3.2 Test Graph

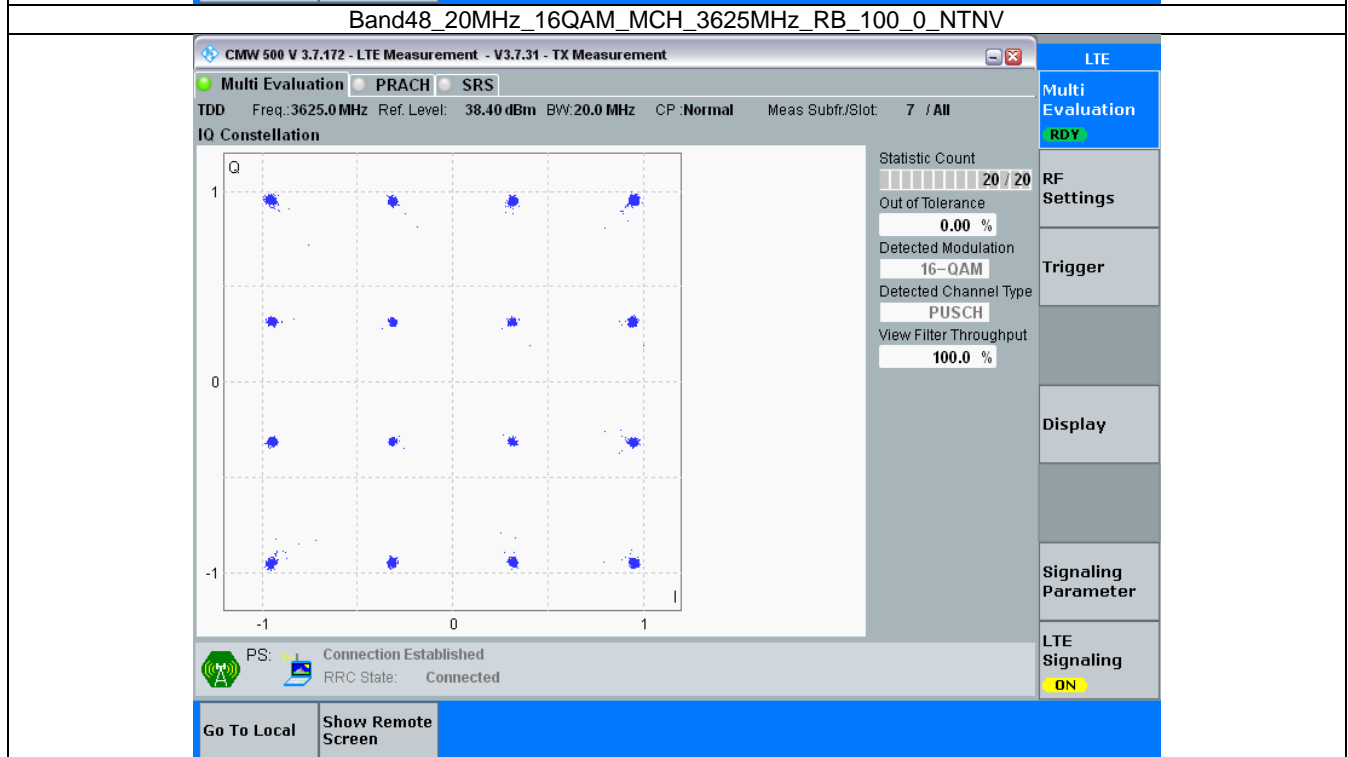
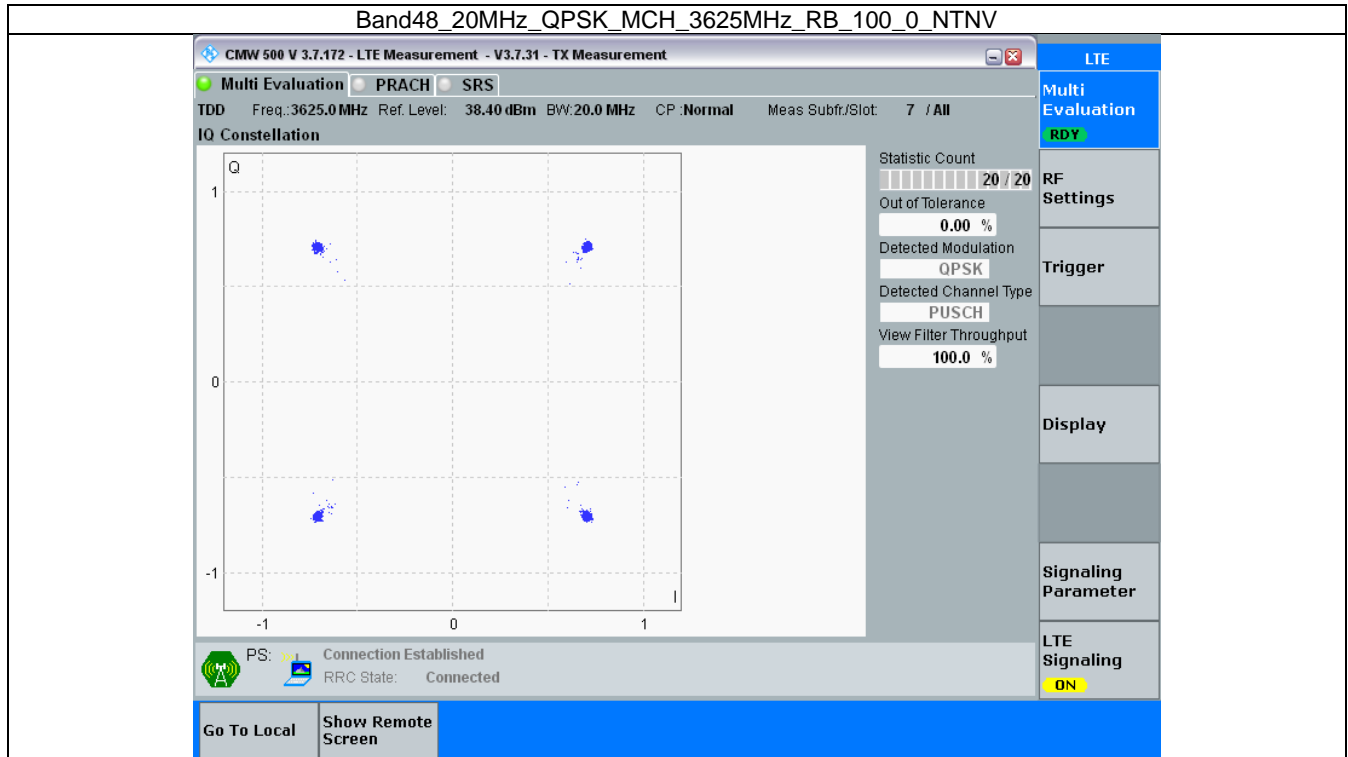


3.4 B48_20MHz

3.4.1 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	

3.4.2 Test Graph



5G NR N48

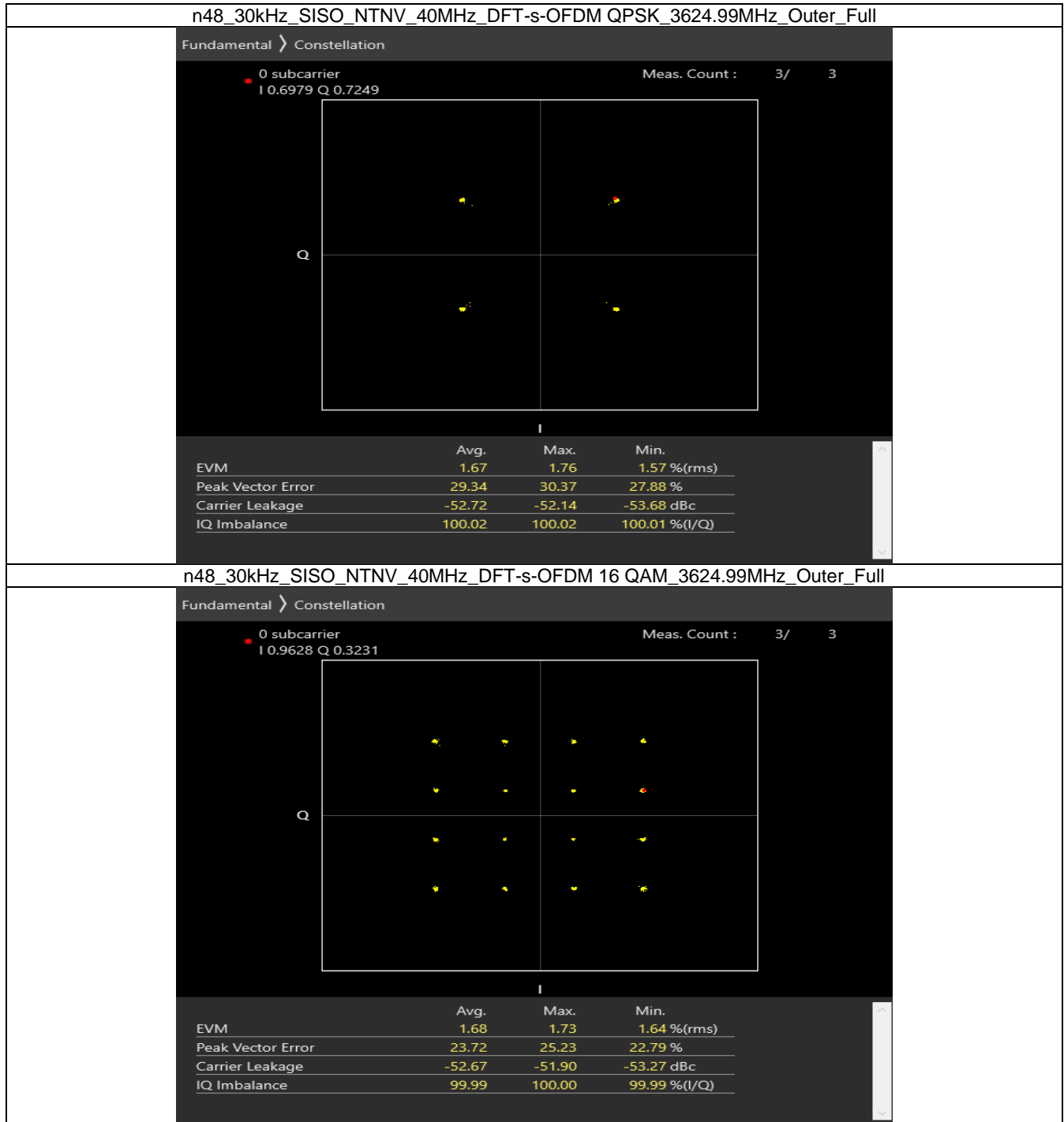
1. Modulation Characteristics

1.1 30k_SISO_40MHz_NTNV

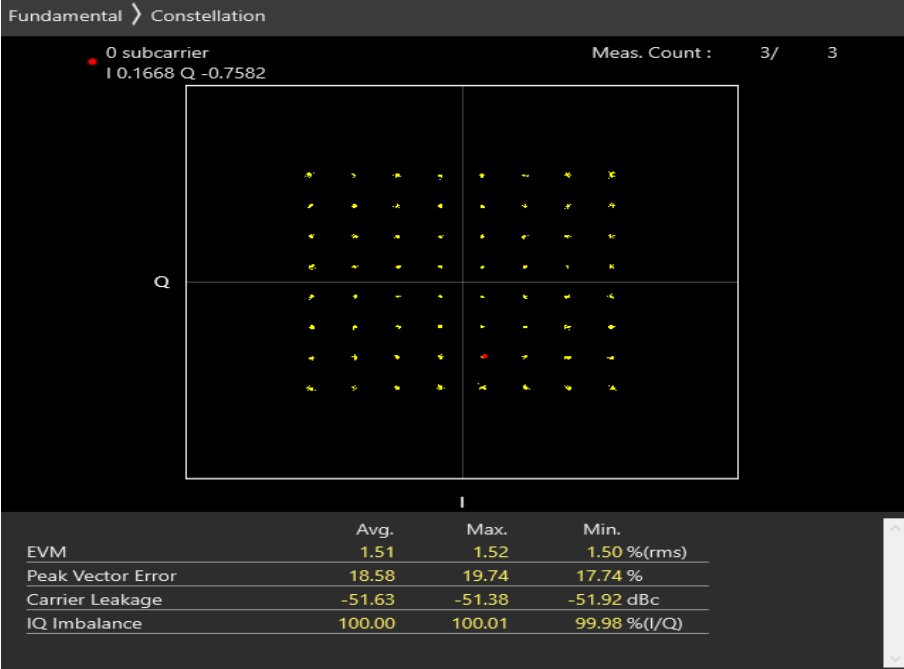
1.1.1 Test Result

5G NR n48 SCS=30kHz SISO 40MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Modulation Characteristics				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3624.99	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	3624.99	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	Refer To Test Graph				Pass

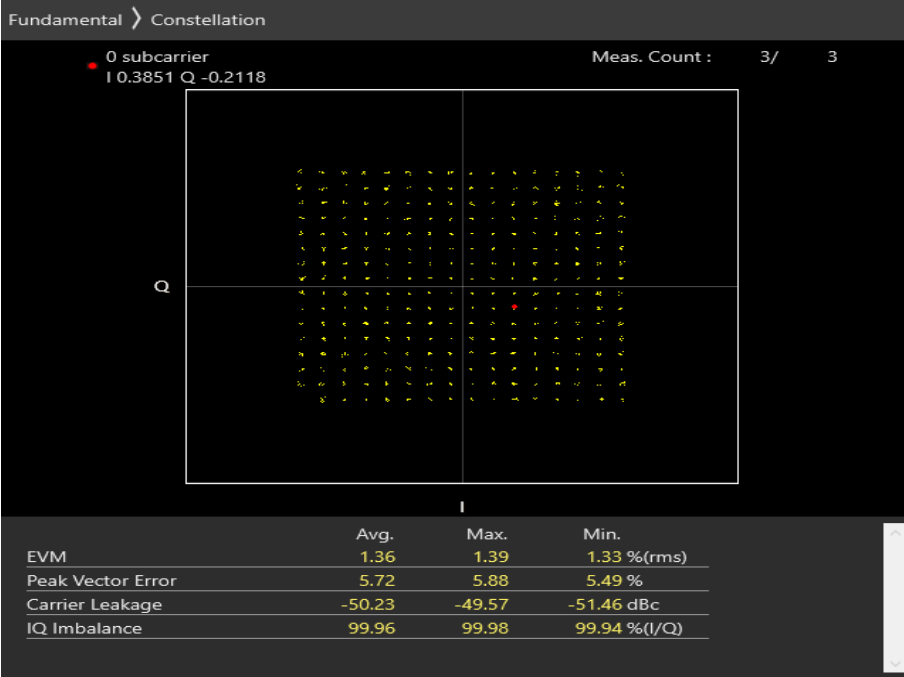
1.1.2 Test Graph



n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_64_QAM_3624.99MHz_Outer_Full



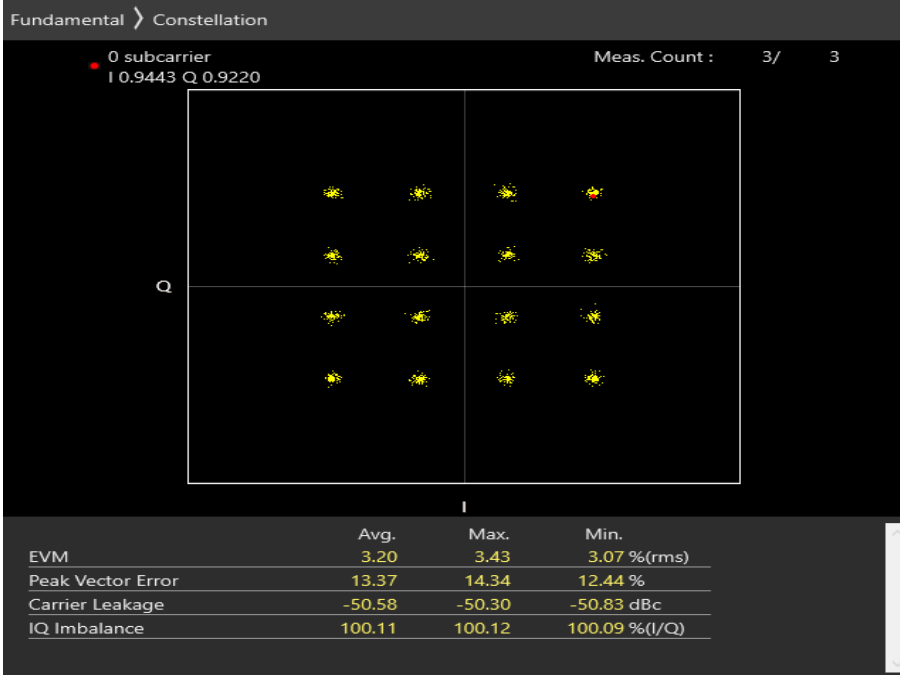
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_256_QAM_3624.99MHz_Outer_Full



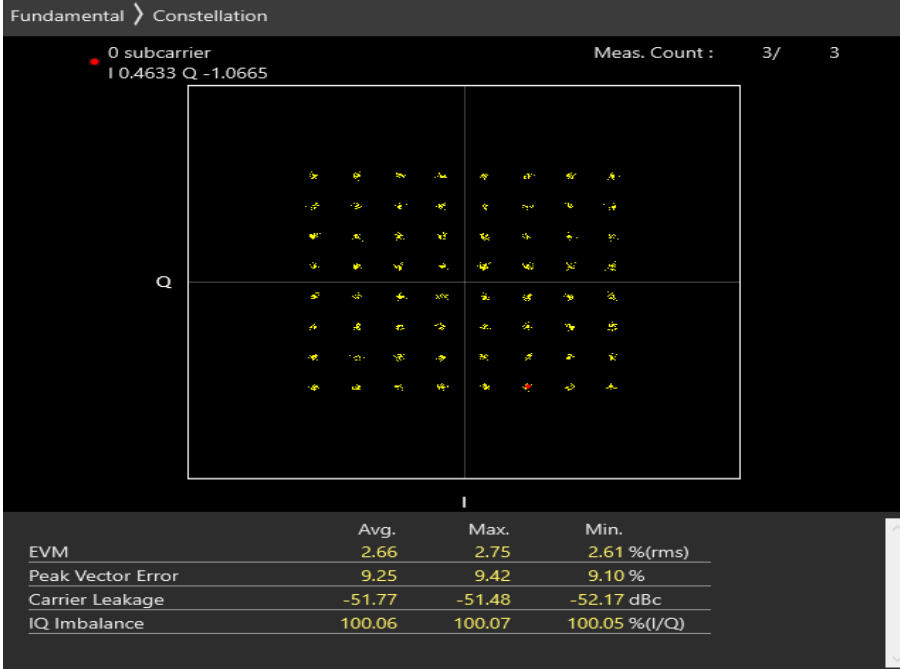
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3624.99MHz_Outer_Full



n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_3624.99MHz_Outer_Full



n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3624.99MHz_Outer_Full



n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3624.99MHz_Outer_Full

