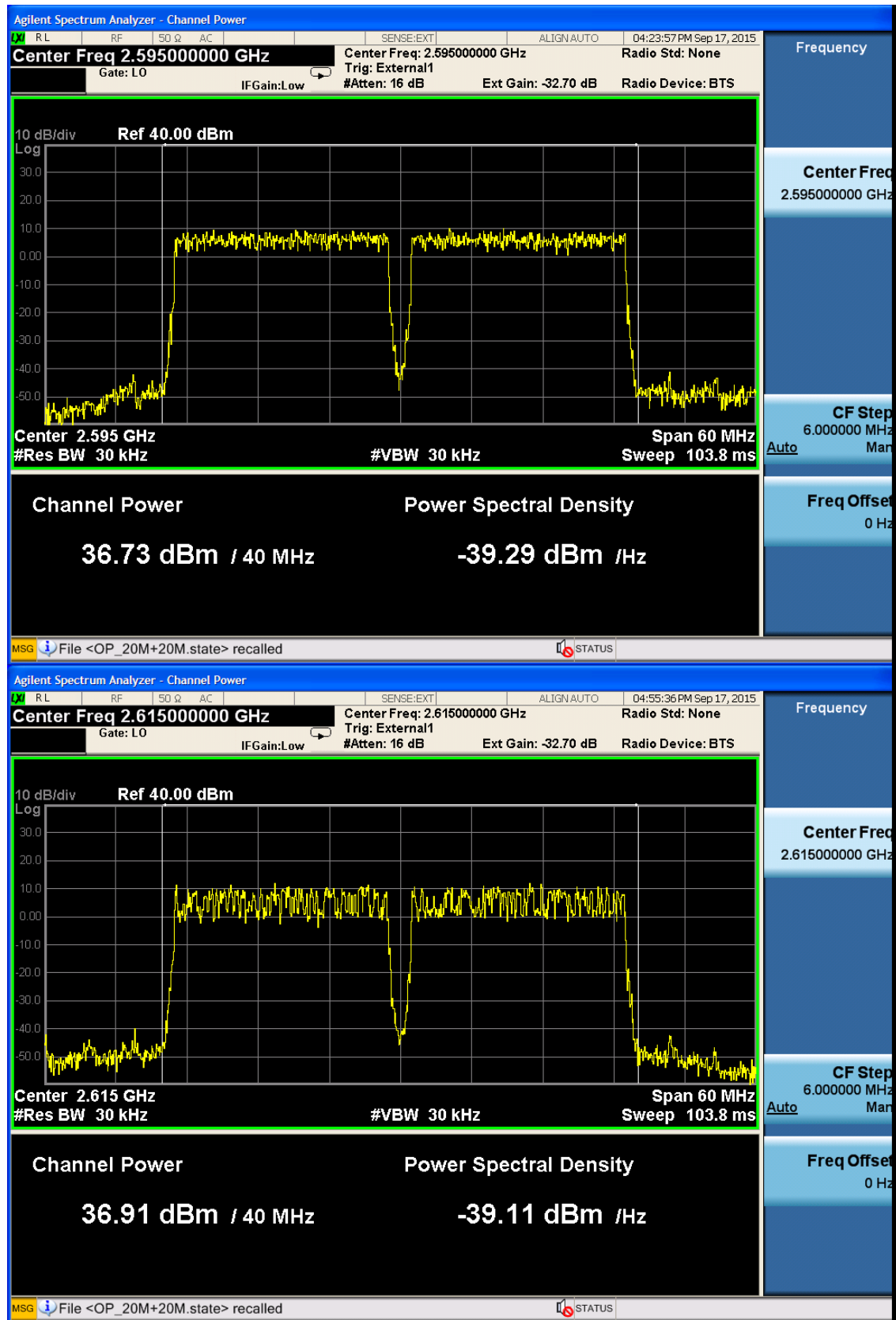
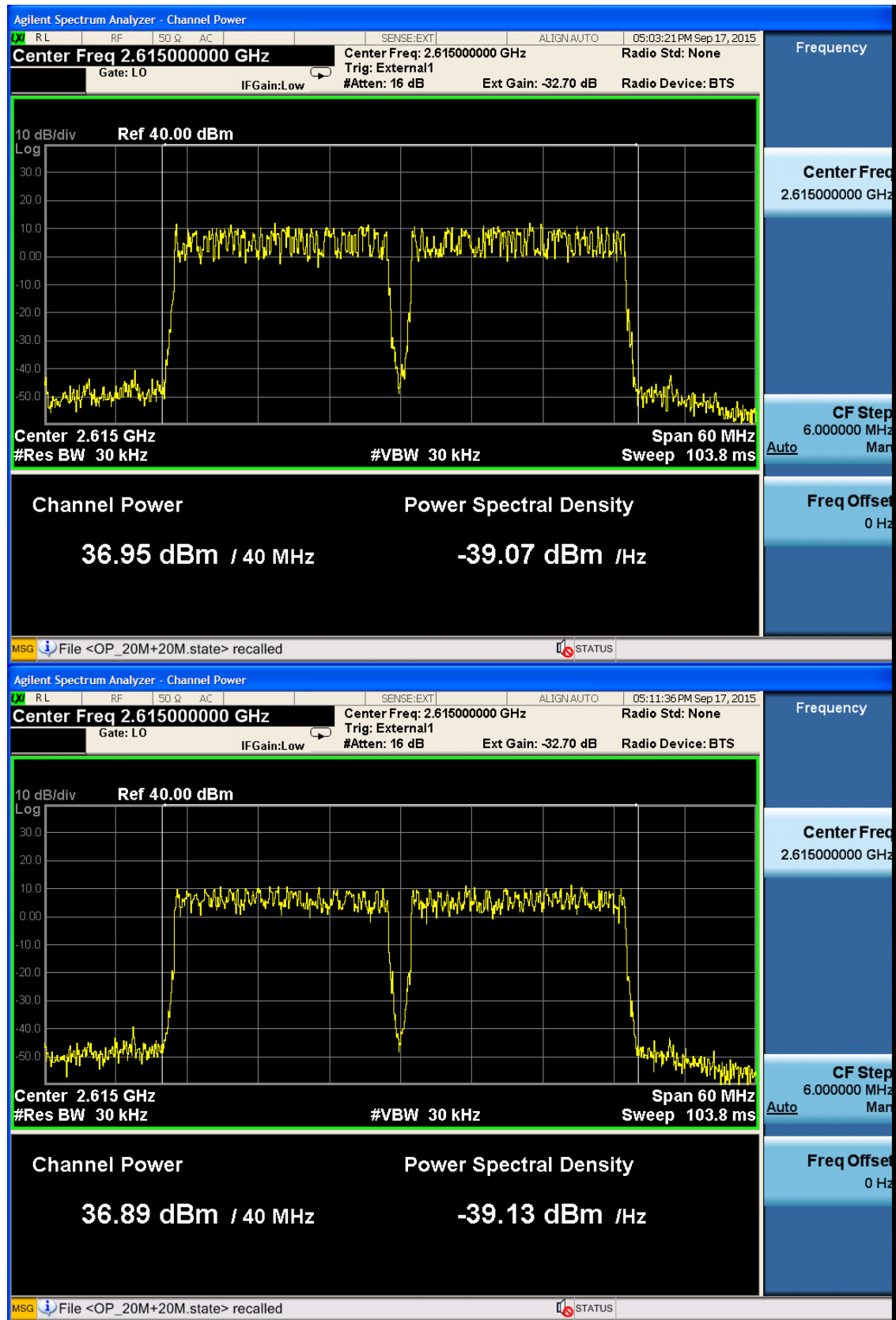
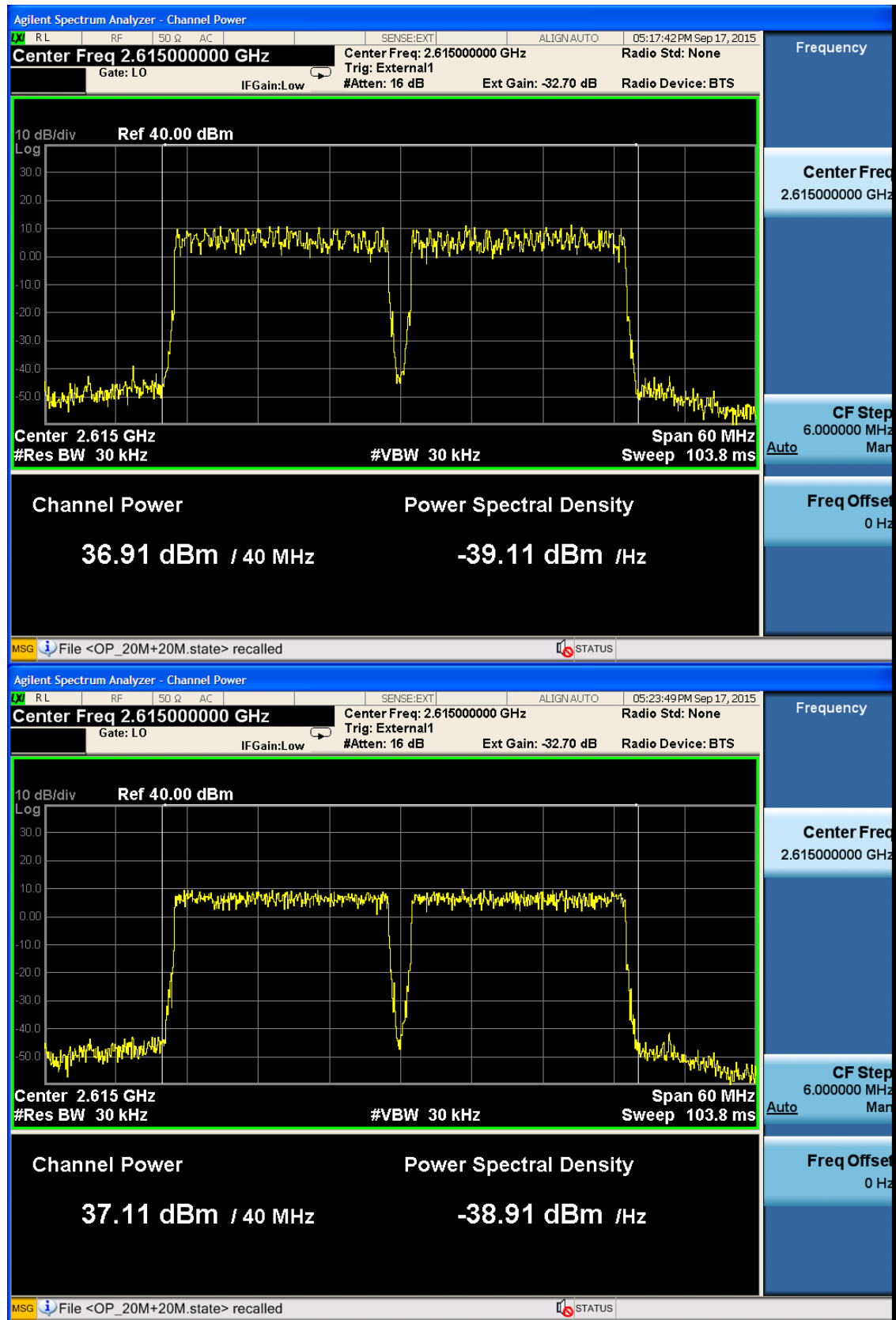
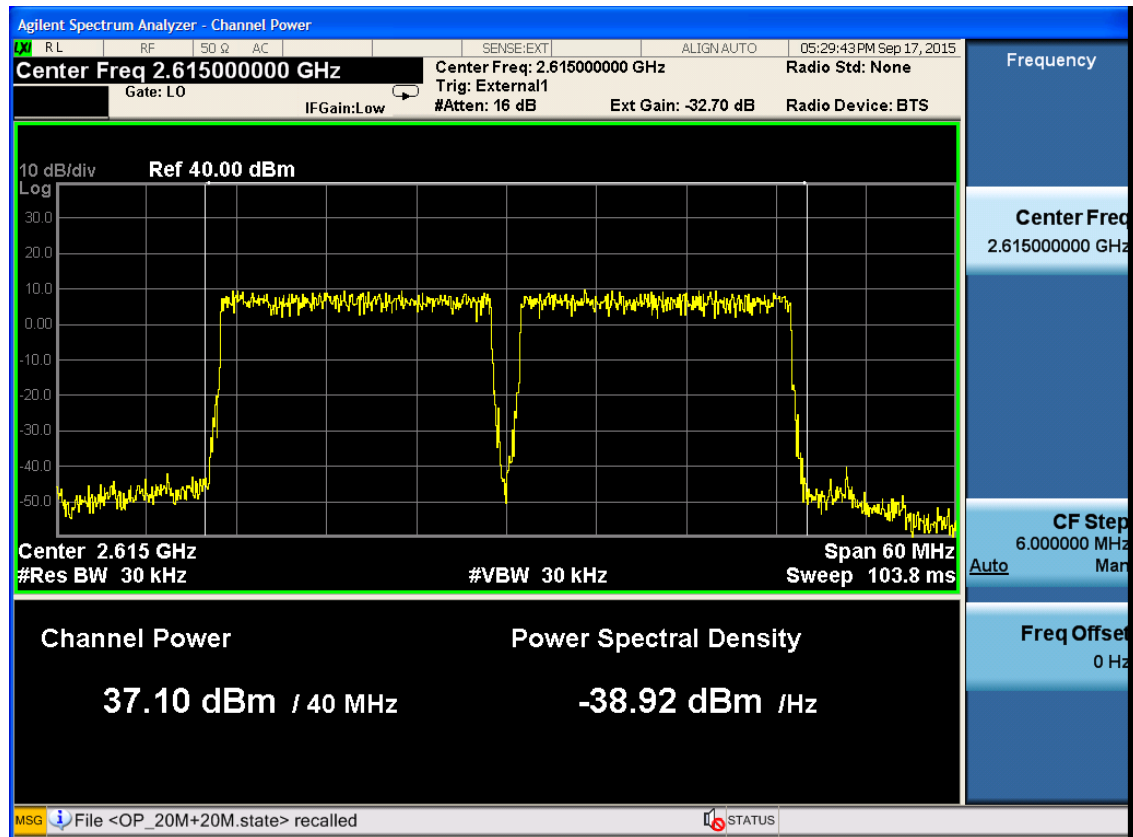










5 MODULATION CHARACTERISTICS

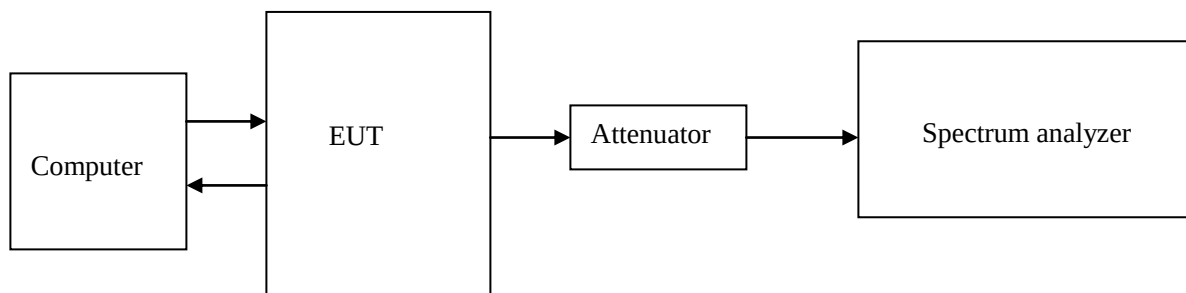
Applicable Standard: FCC § 2.1047, §27.50

Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Agilent	MXA Series Spectrum Analyzer	N9020A	MY51240259	2014.12.01	2015.12.01

***statement of traceability:** ZTE Corporation Reliability Testing Center attests that all calibration has been performed per the NVLAP requirements, traceable to NIST.

Test Procedure



The RF output of the transmitter was connected to the input of the spectrum analyzer through sufficient attenuation. External attenuation Loss is 36.8dB. Configure RRU output different modulation signals and test EVM by spectrum analyzer.

Environmental Conditions

Temperature:	20 °C
Relative Humidity:	53 %
ATM Pressure:	1009 mbar

Test Result: Pass

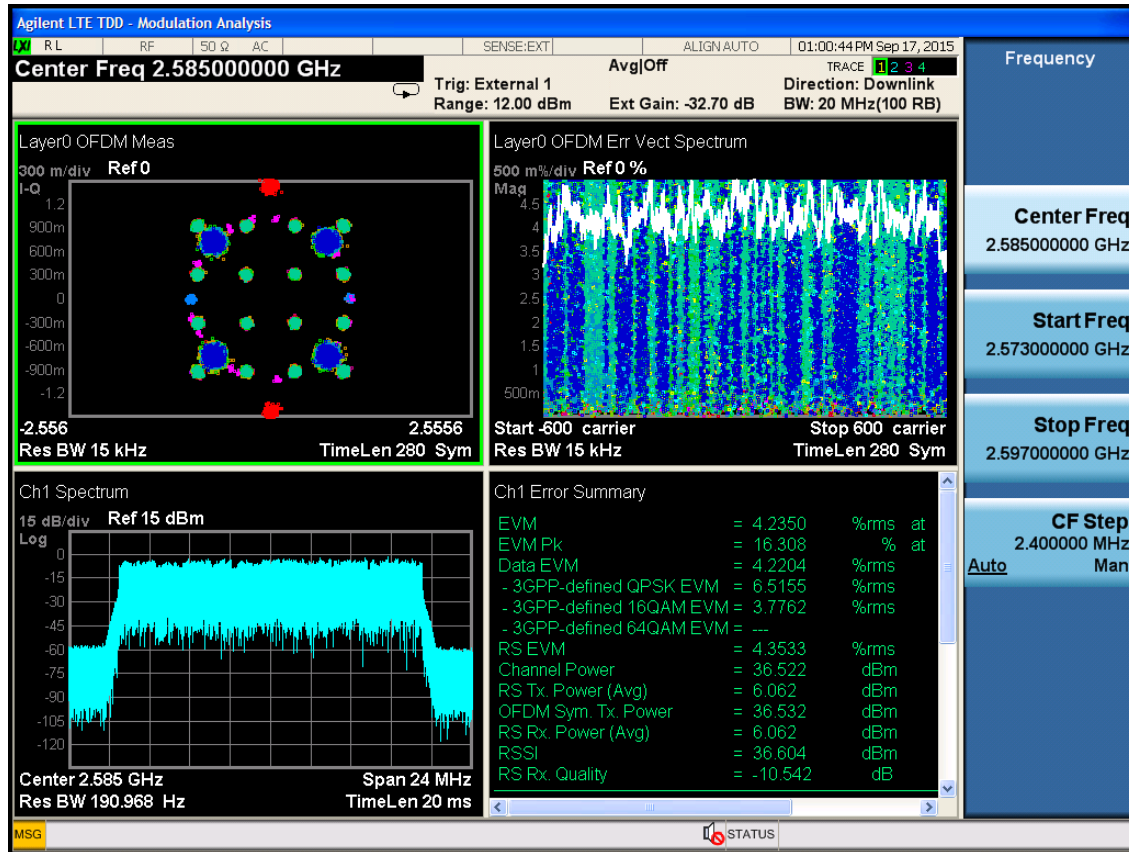
Test Mode: Transmitting LTE

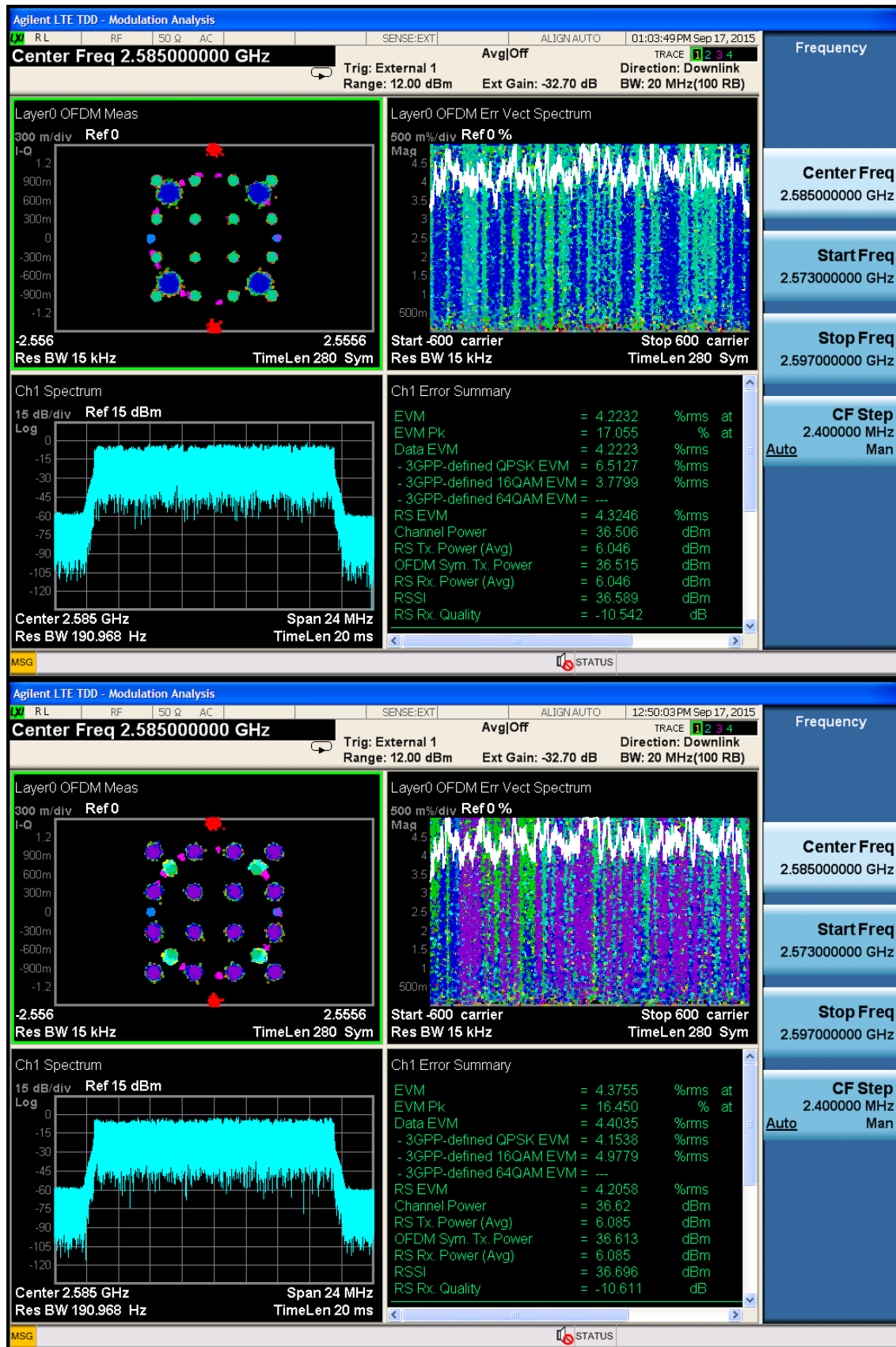
Test Data:

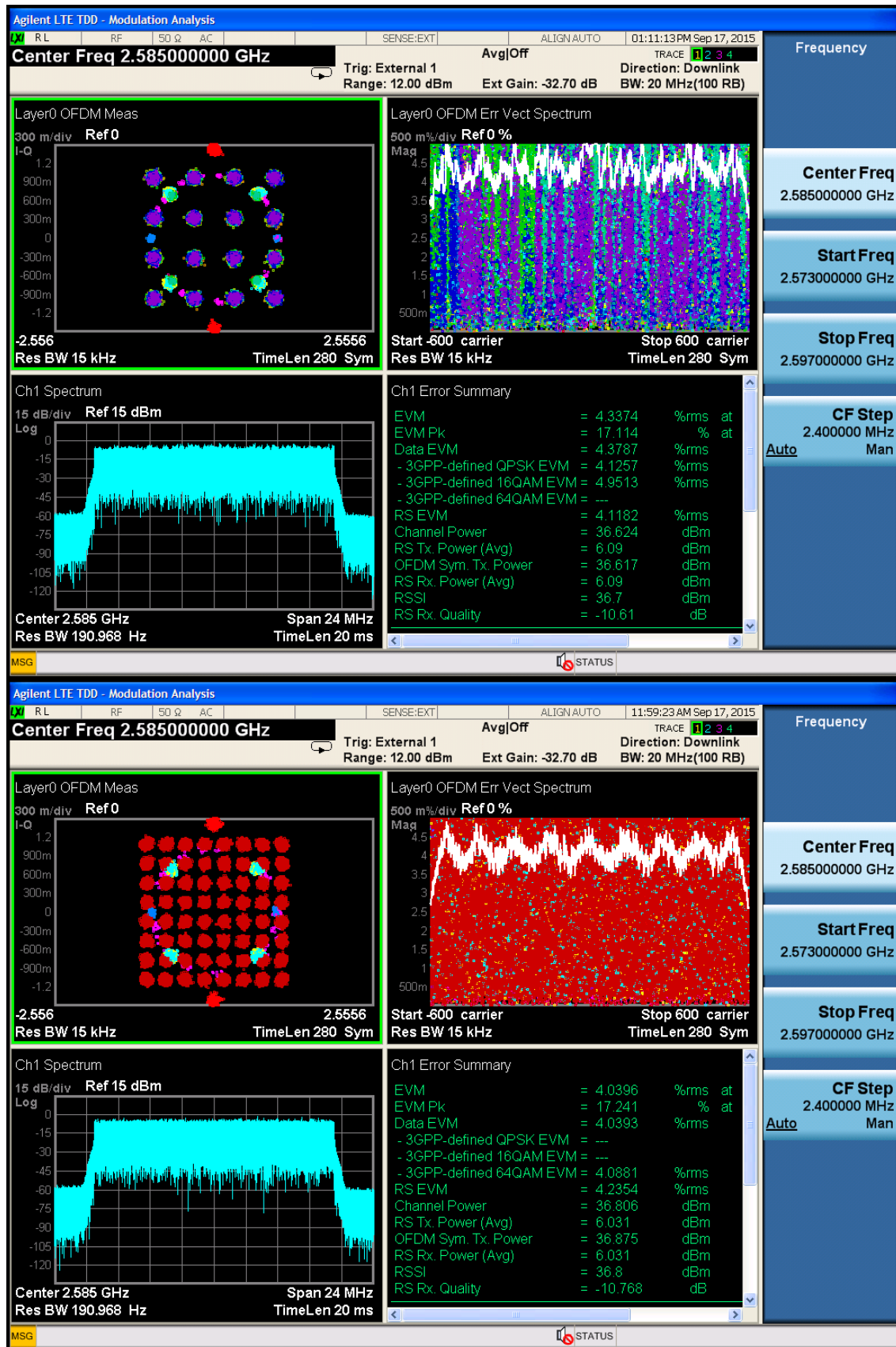
One Carrier

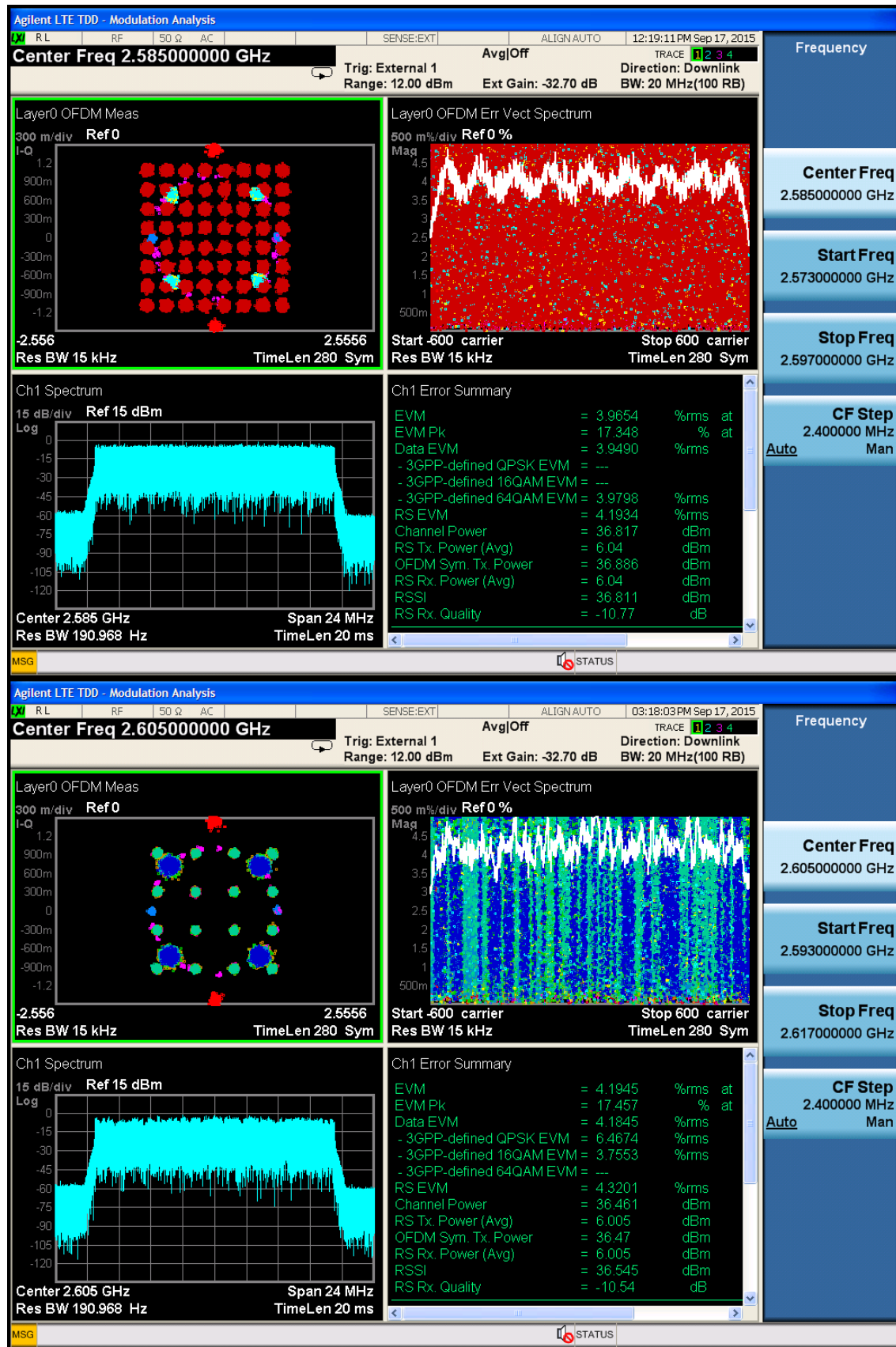
Channel Bandwidth: 20MM				
Port	Carrier Freq(MHz)	Occupied Bandwidth(MHz)		
		QPSK	16QAM	64QAM
0	2585	6.52	4.98	4.09
1		6.51	4.95	3.98
0	2605	6.47	4.94	3.98
1		6.48	4.95	3.98

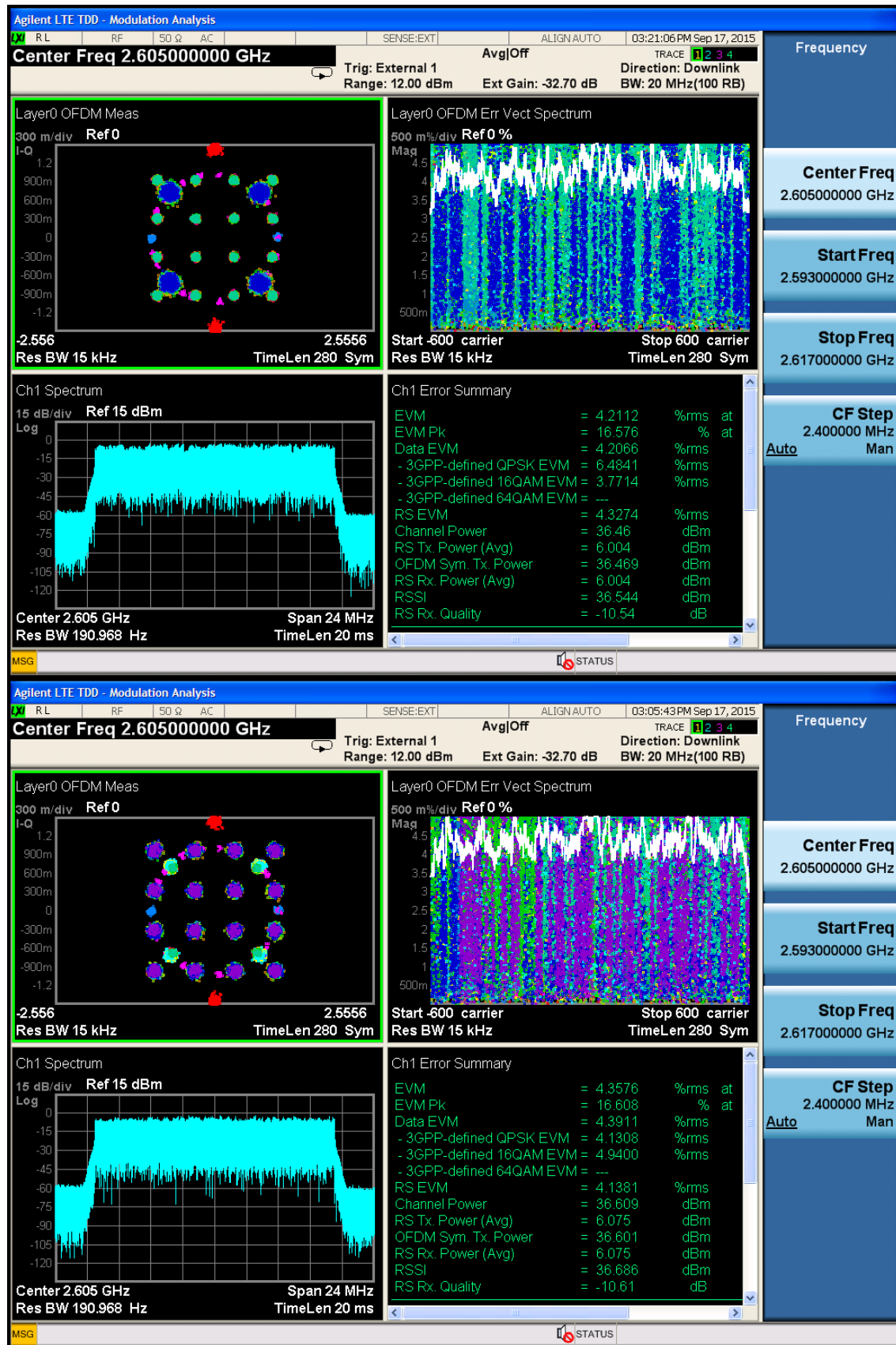
0	2625	6.45	4.95	4.01
1		6.54	5	3.97

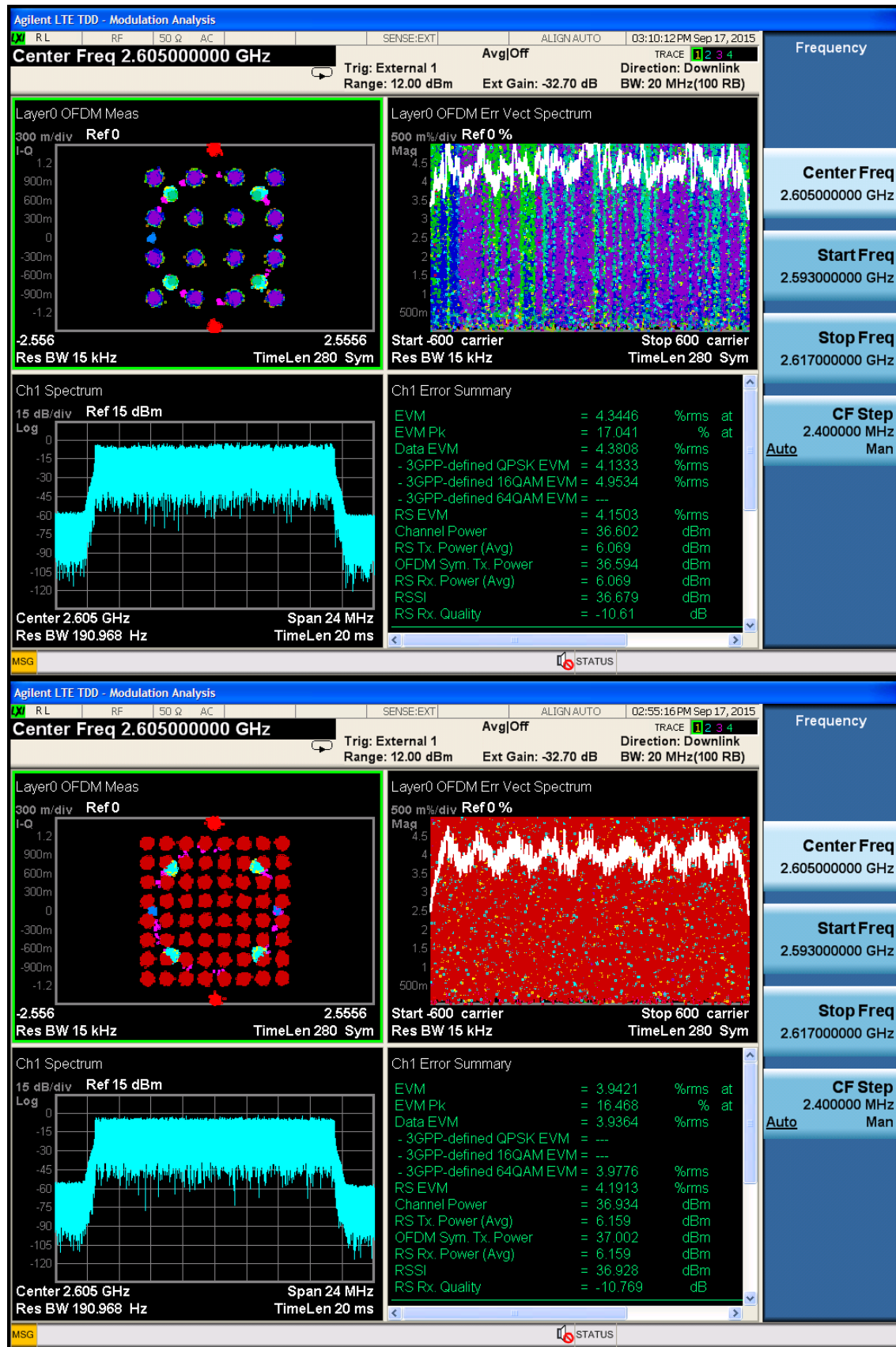


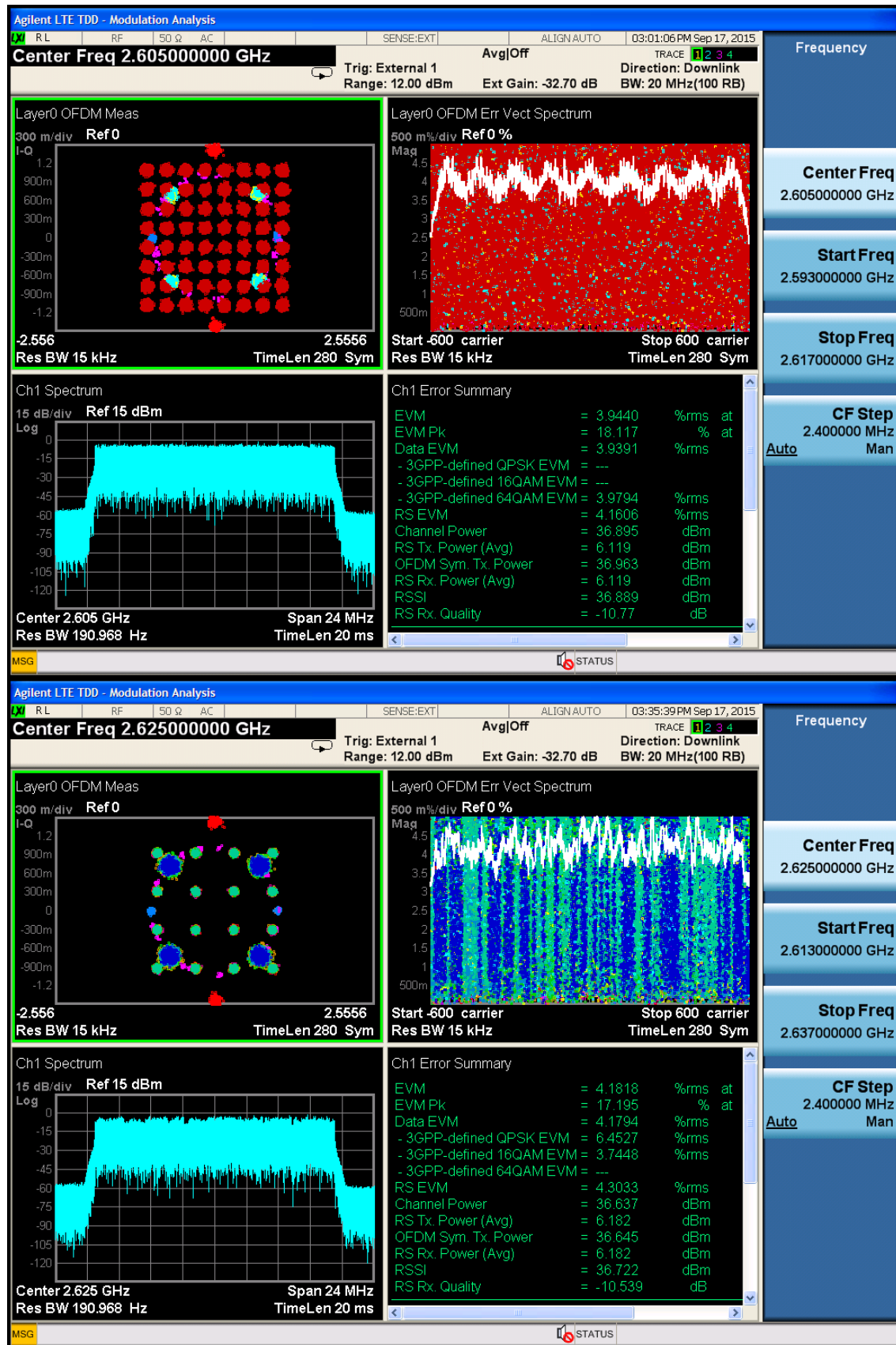


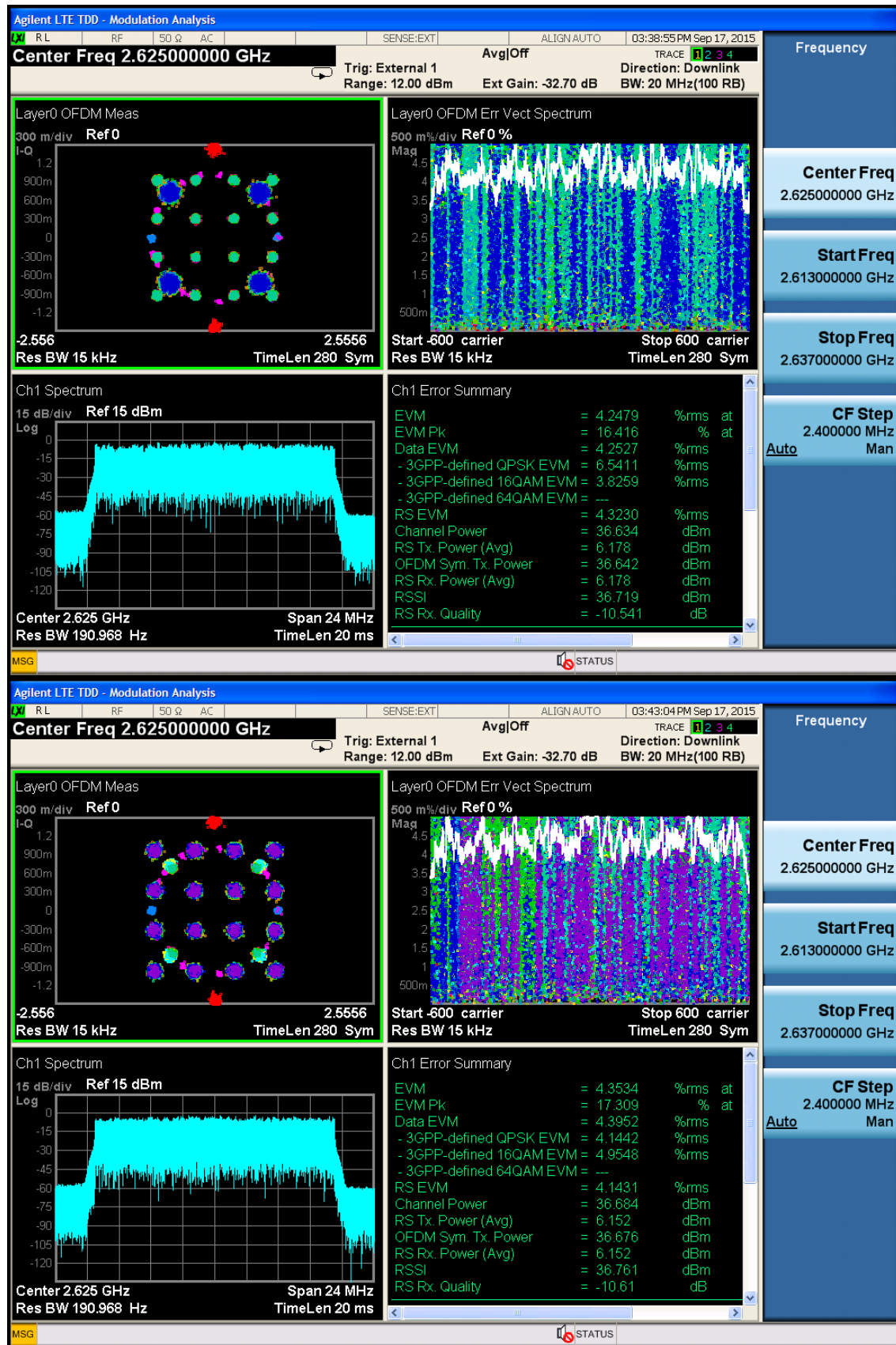


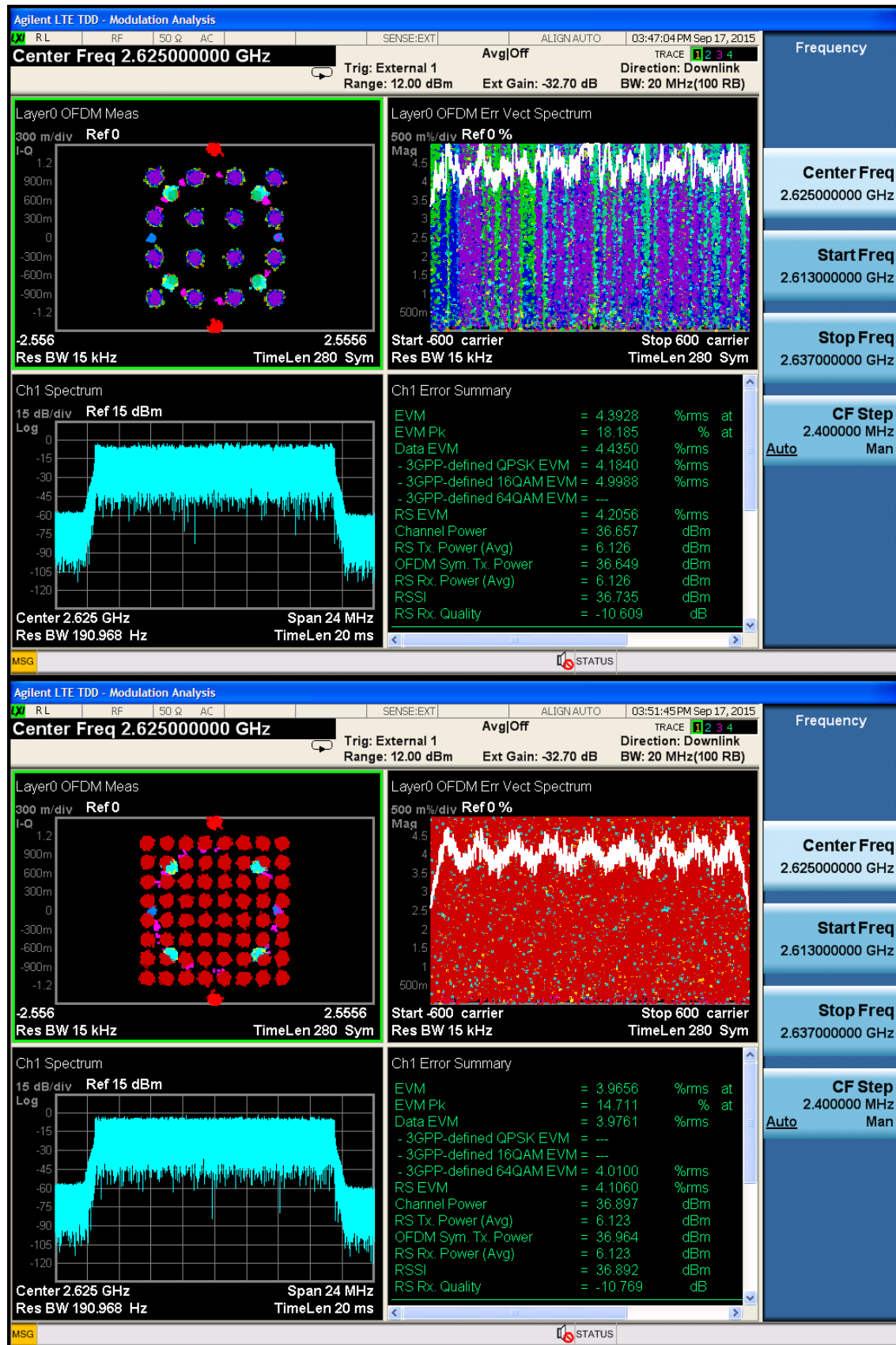


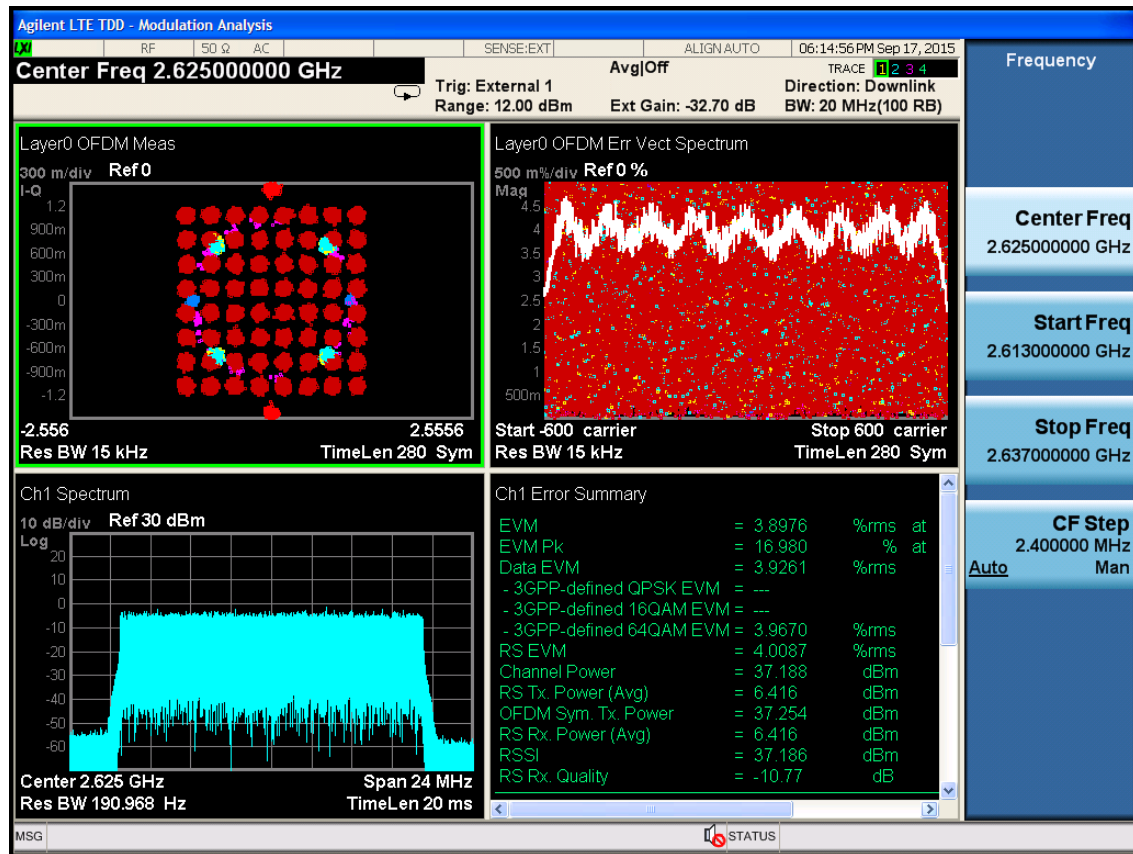












Two Carrier

Channel Bandwidth: 20M+20M

Port	Carrier Freq. c1+c2(MHz)	Occupied Bandwidth(MHz)		
		QPSK	16QAM	64QAM
0	2585	6.63	5.22	4.23
1		6.65	5.2	4.21
0	2605	6.62	5.2	4.22
1		6.61	5.23	4.23
0	2605	6.63	5.22	4.32
1		6.58	5.21	4.33
0	2625	6.63	5.22	4.51
1		6.57	5.36	4.33

