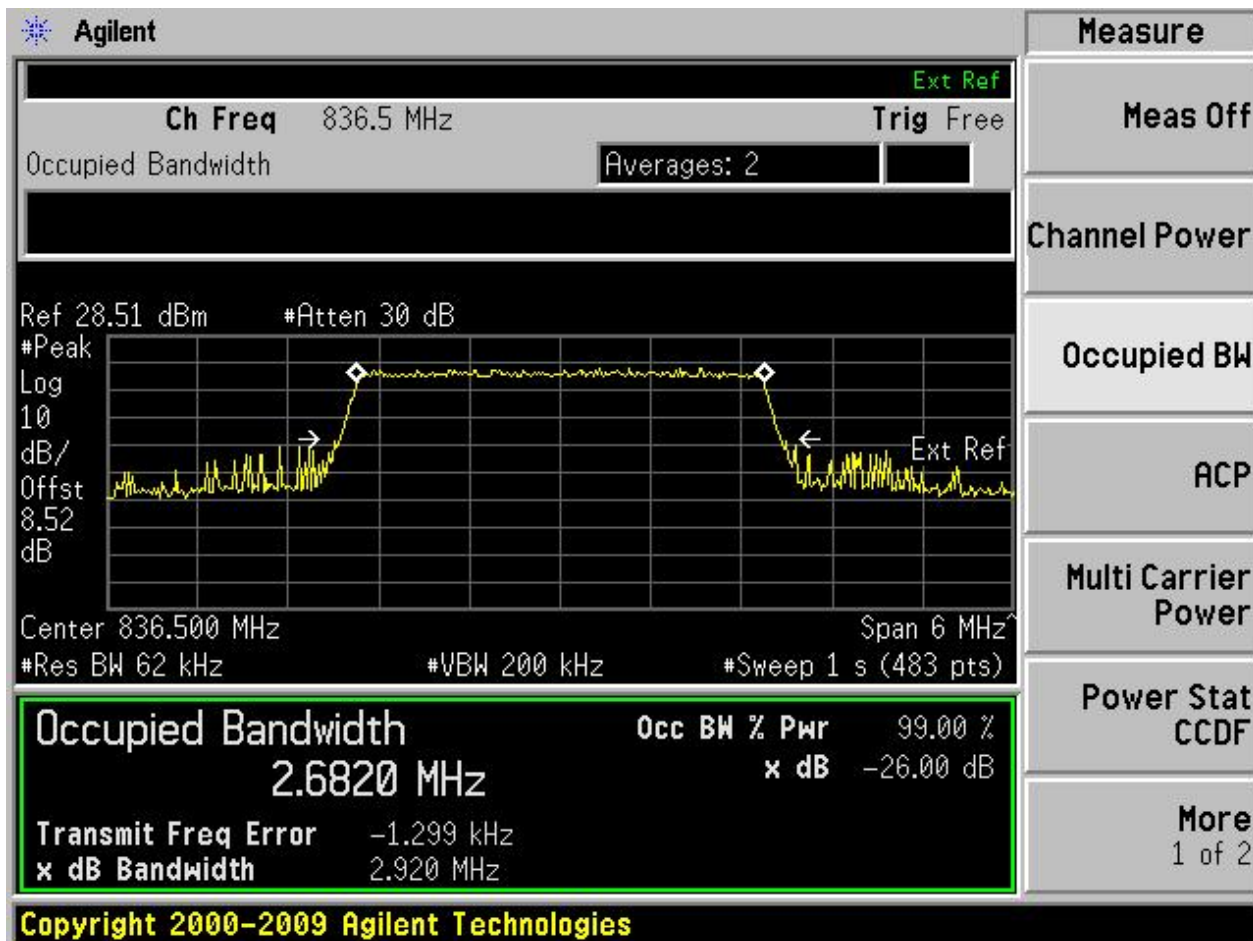
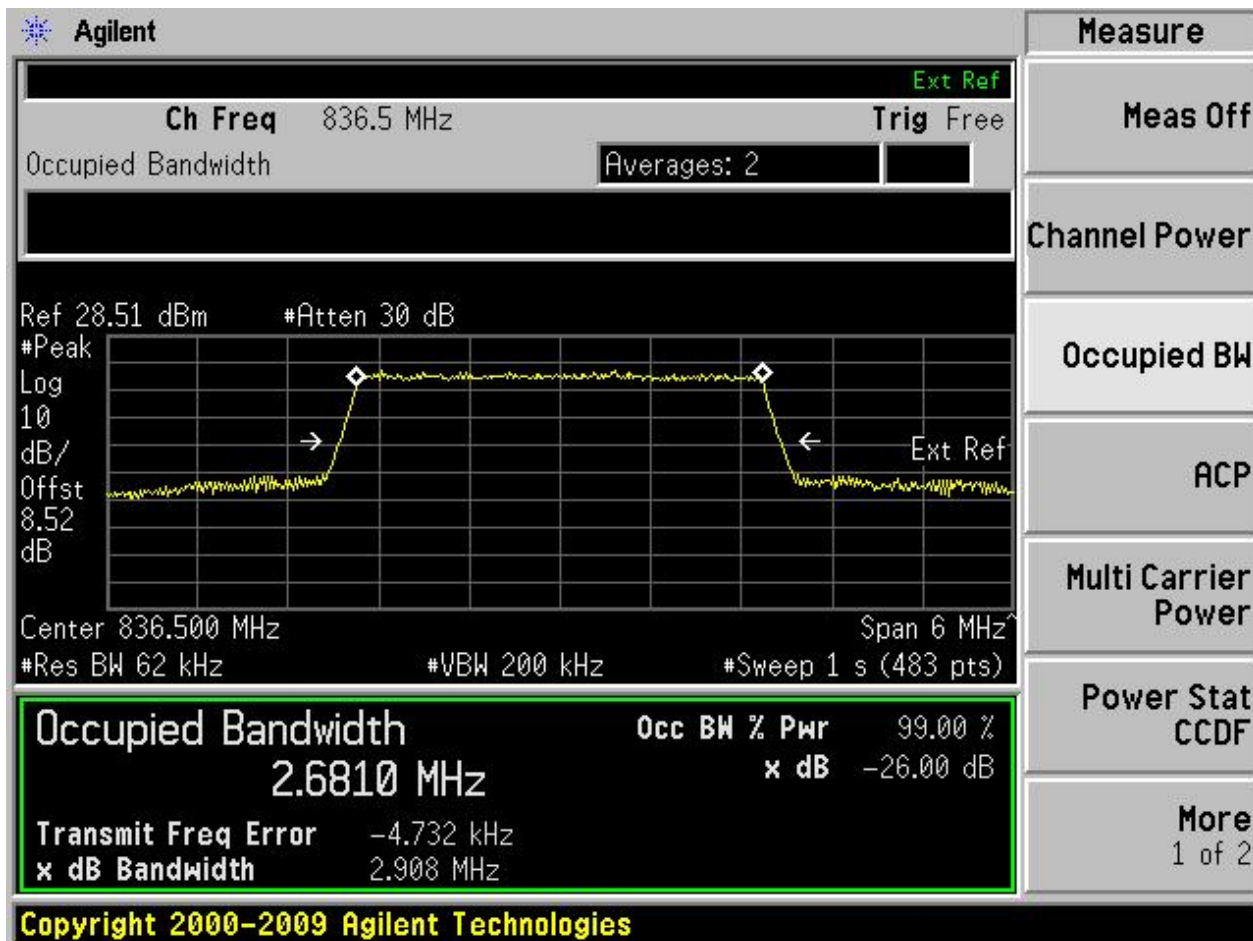


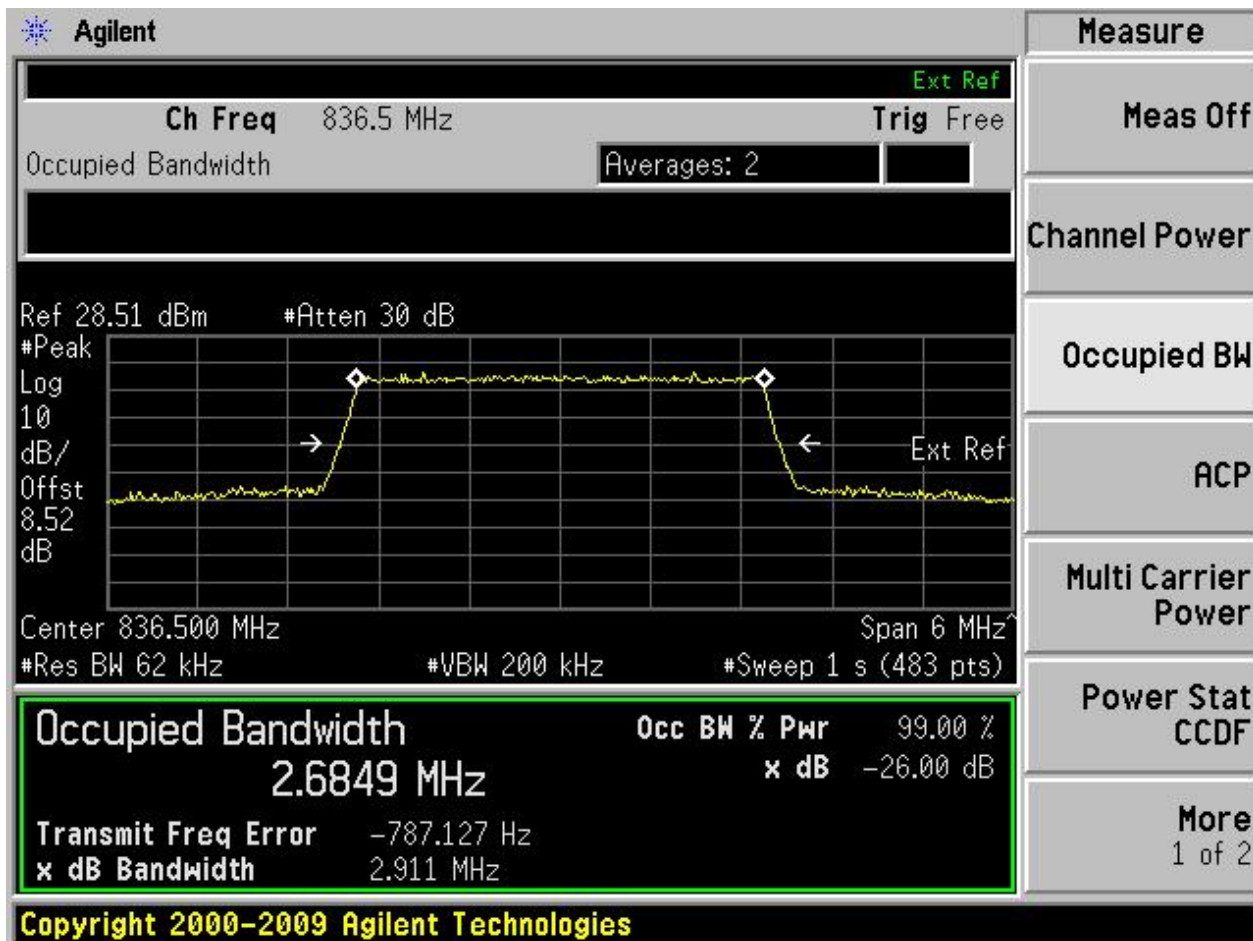
**3.13 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20525, Bandwidth:3, Modulation:QPSK, RB Number:15, RB Position:0)(NTNV)**



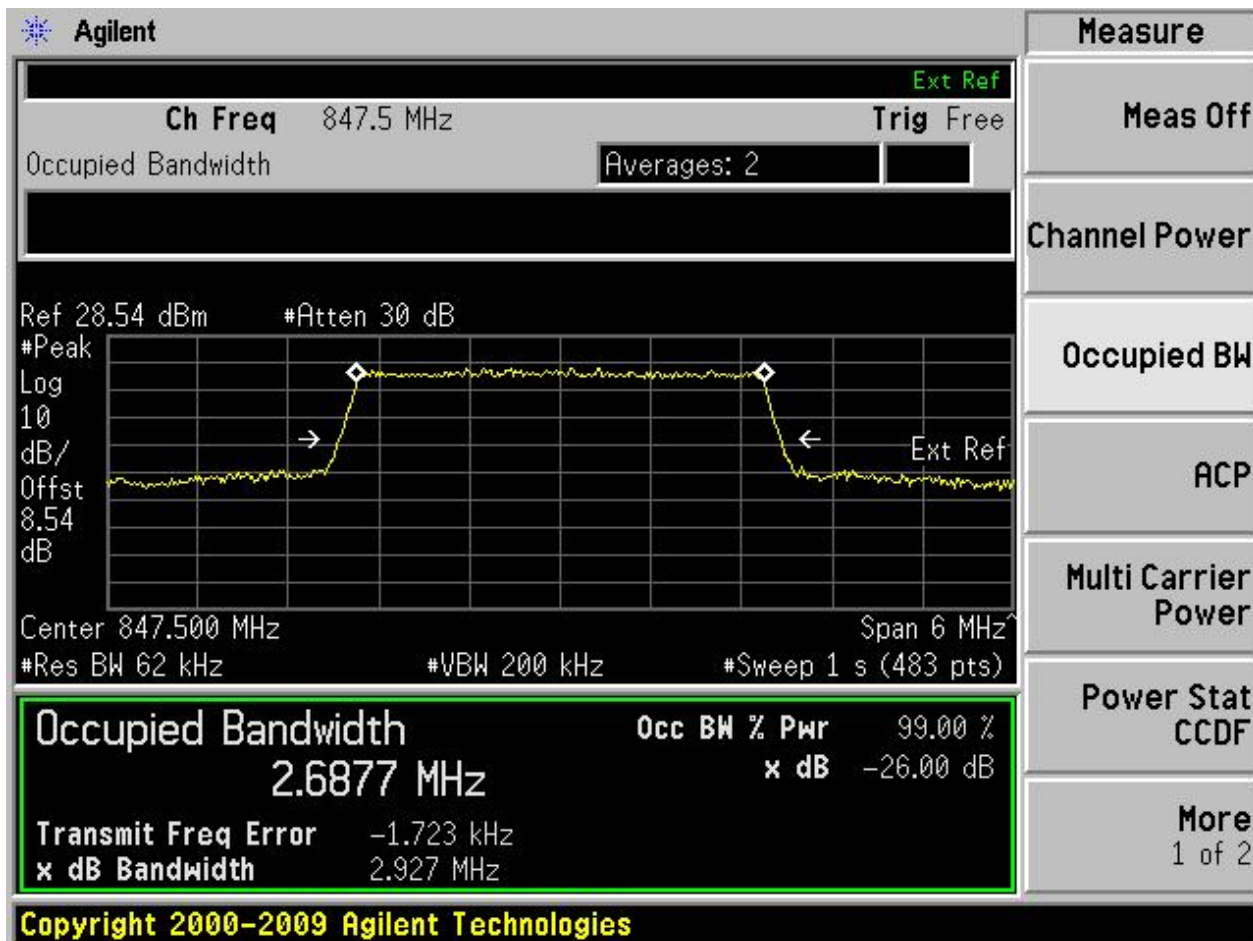
**3.14 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20525, Bandwidth:3, Modulation:16QAM, RB Number:15, RB Position:0)(NTNV)**



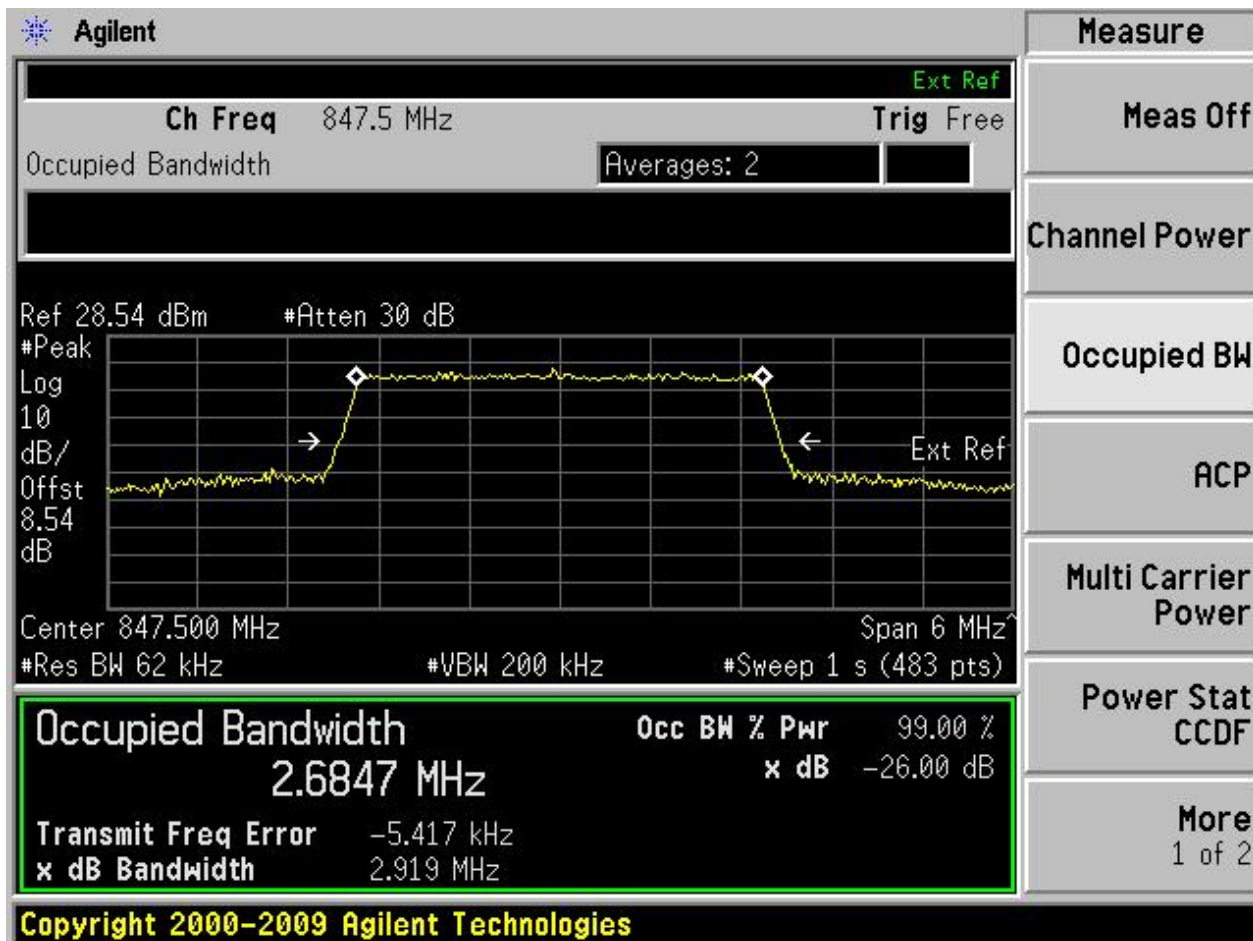
**3.15 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20525, Bandwidth:3, Modulation:64QAM, RB Number:15, RB Position:0)(NTNV)**



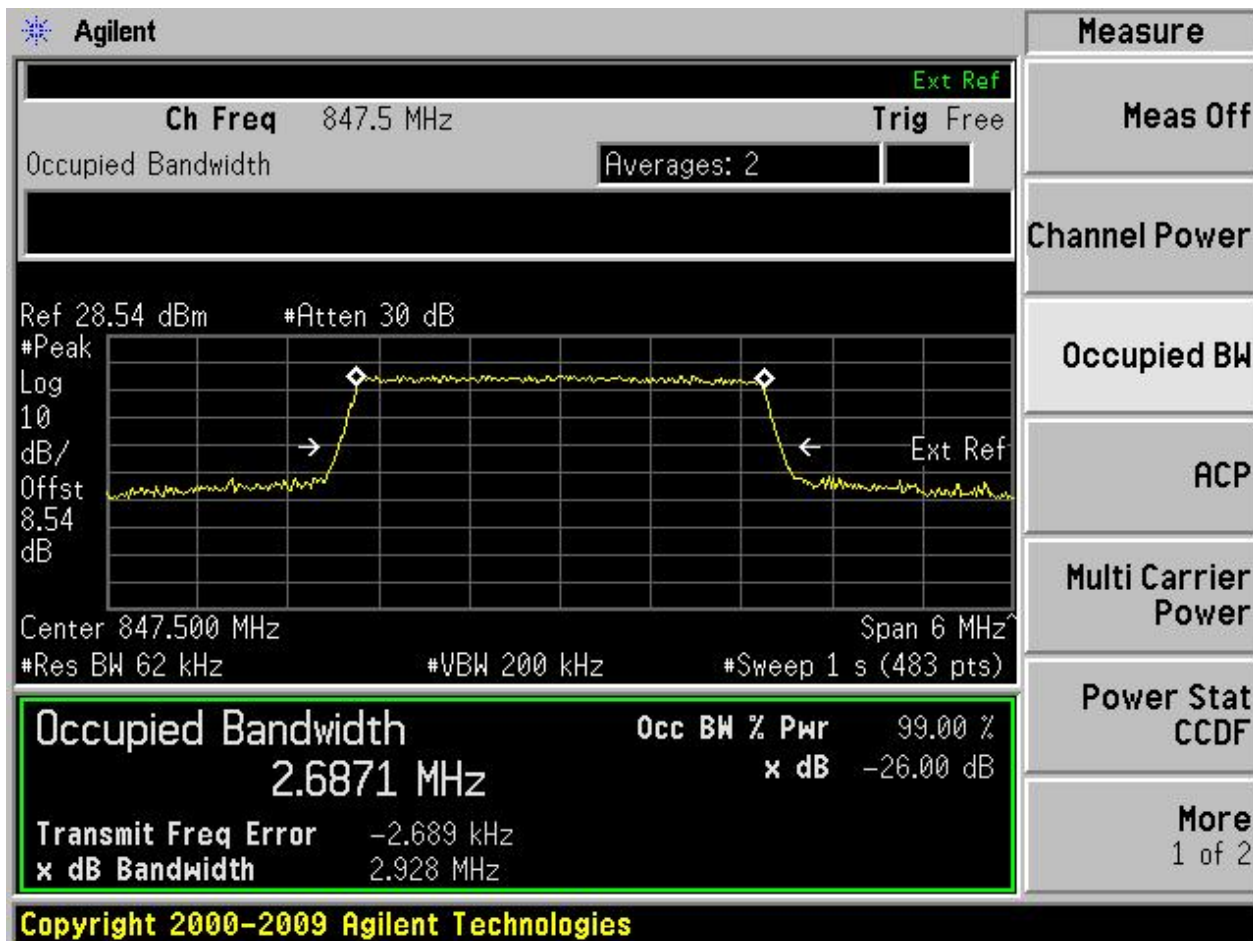
**3.16 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20635, Bandwidth:3, Modulation:QPSK, RB Number:15, RB Position:0)(NTNV)**



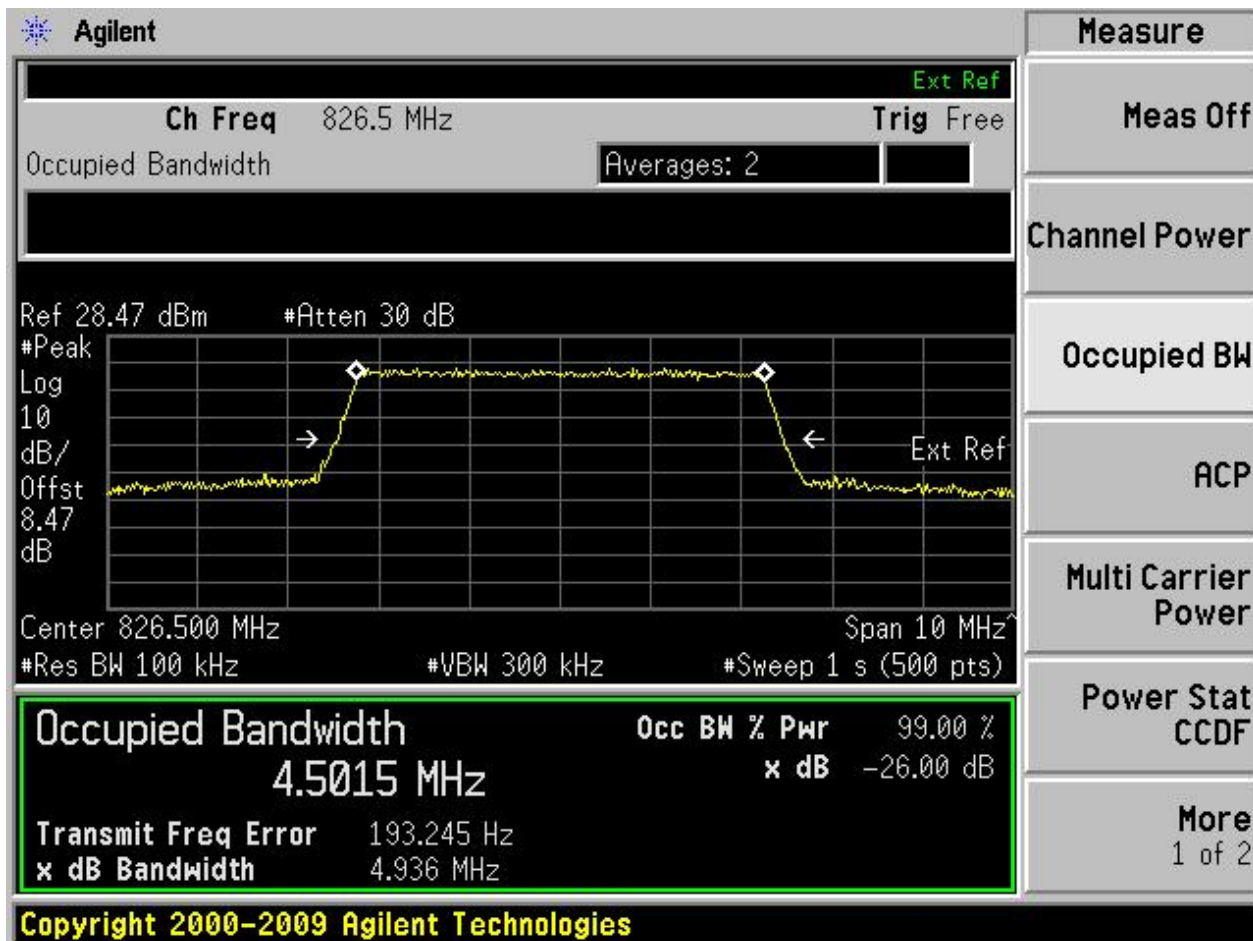
**3.17 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20635, Bandwidth:3, Modulation:16QAM, RB Number:15, RB Position:0)(NTNV)**



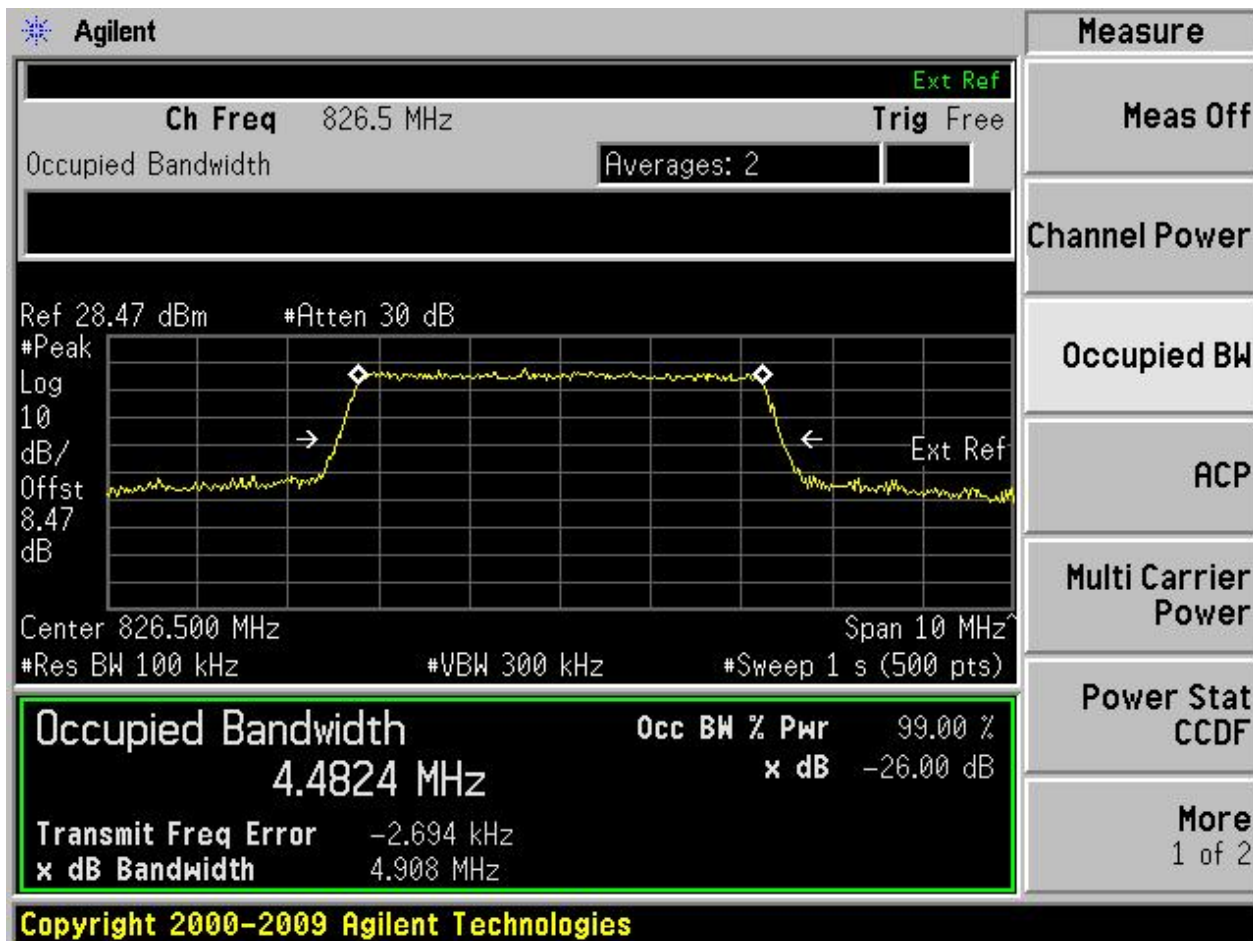
**3.18 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20635, Bandwidth:3, Modulation:64QAM, RB Number:15, RB Position:0)(NTNV)**



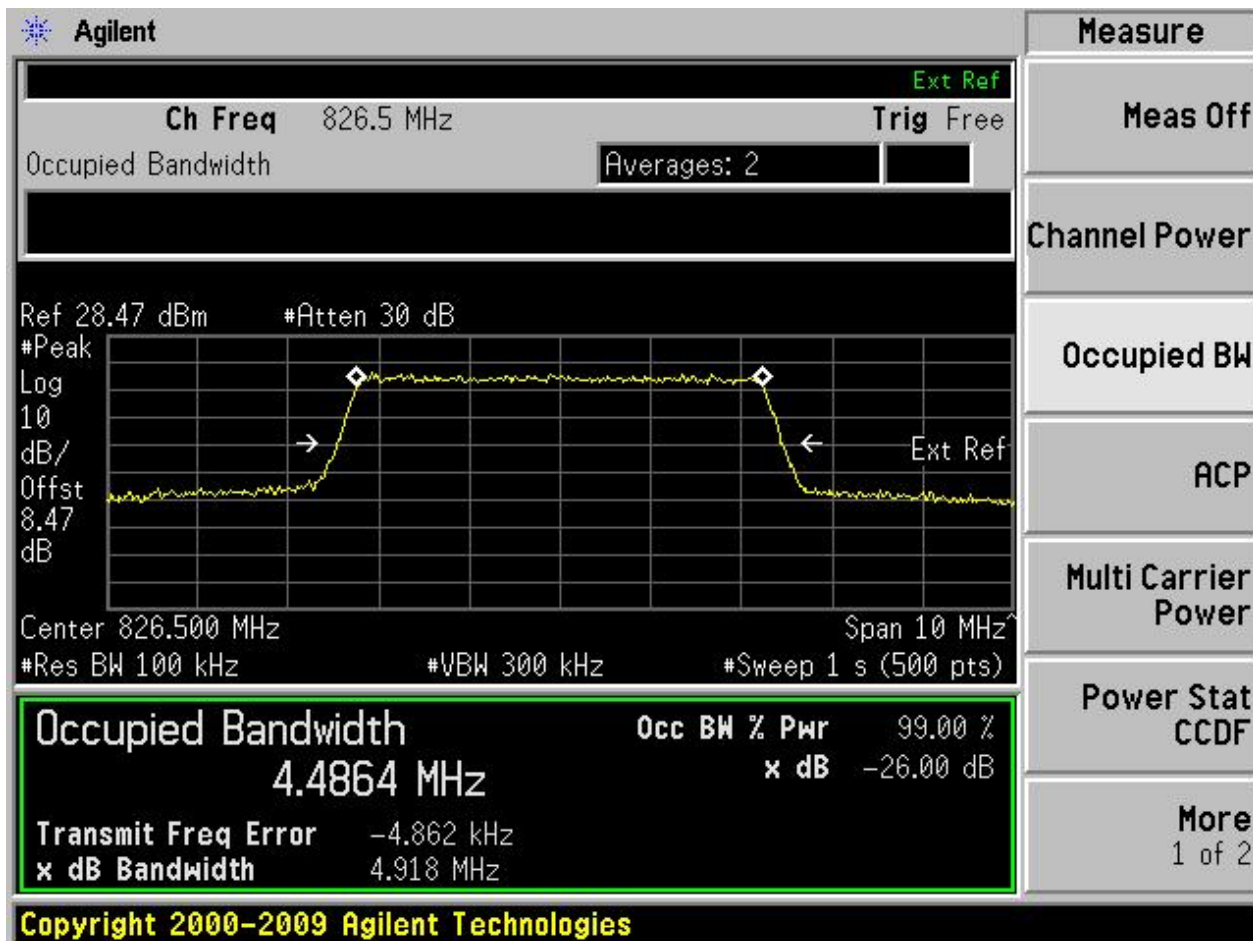
**3.19 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20425, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)(NTNV)**



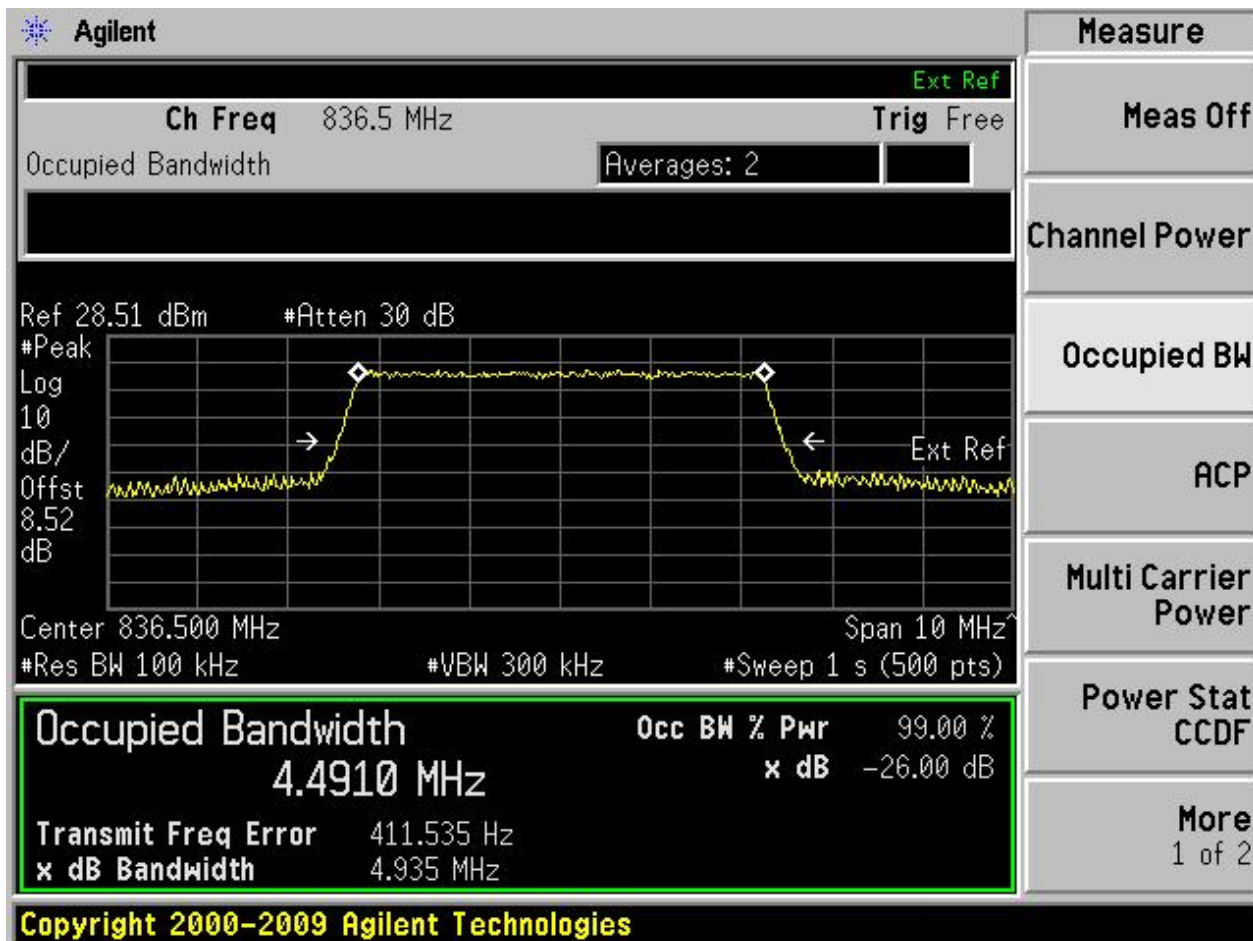
**3.20 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20425, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)(NTNV)**



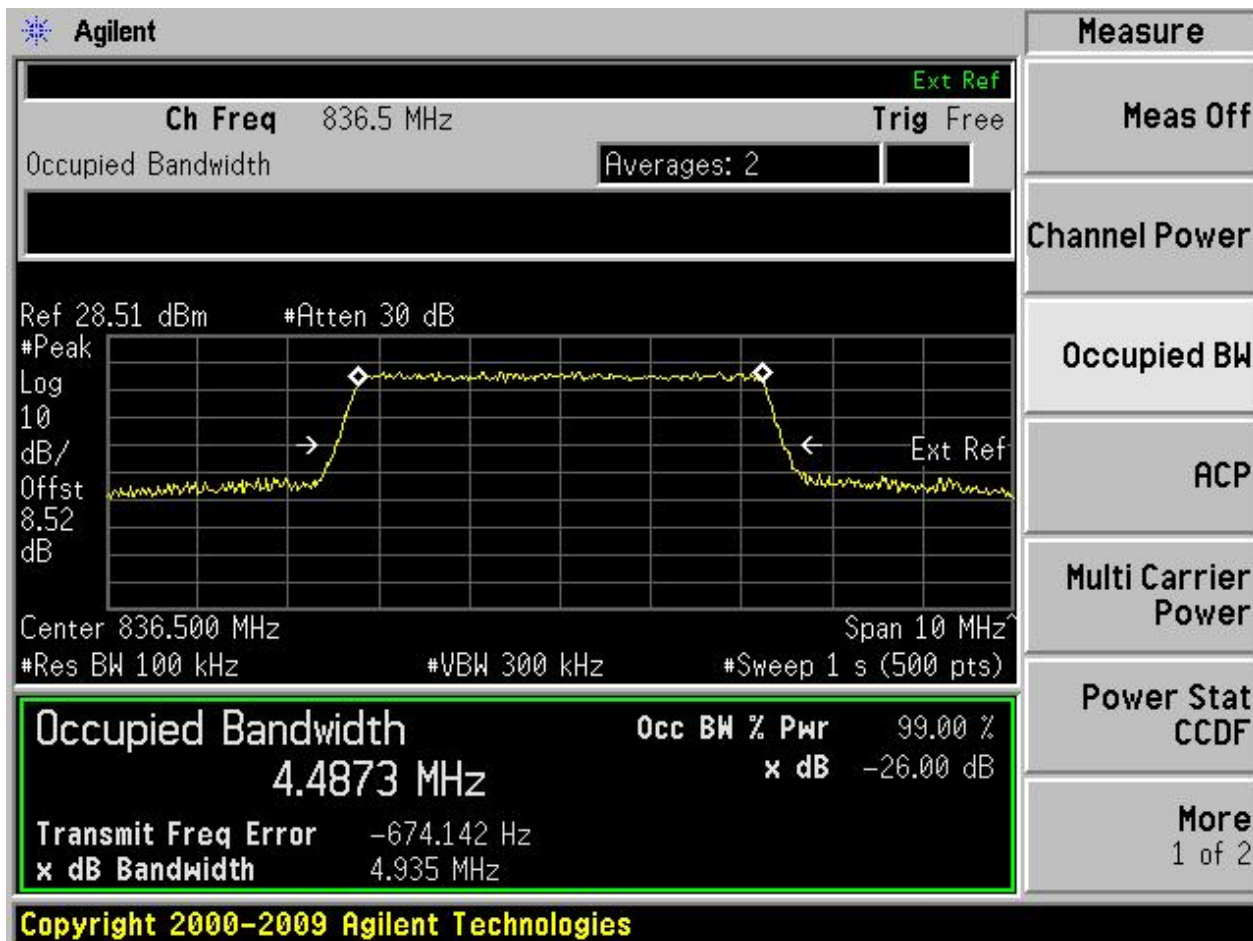
**3.21 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20425, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)(NTNV)**



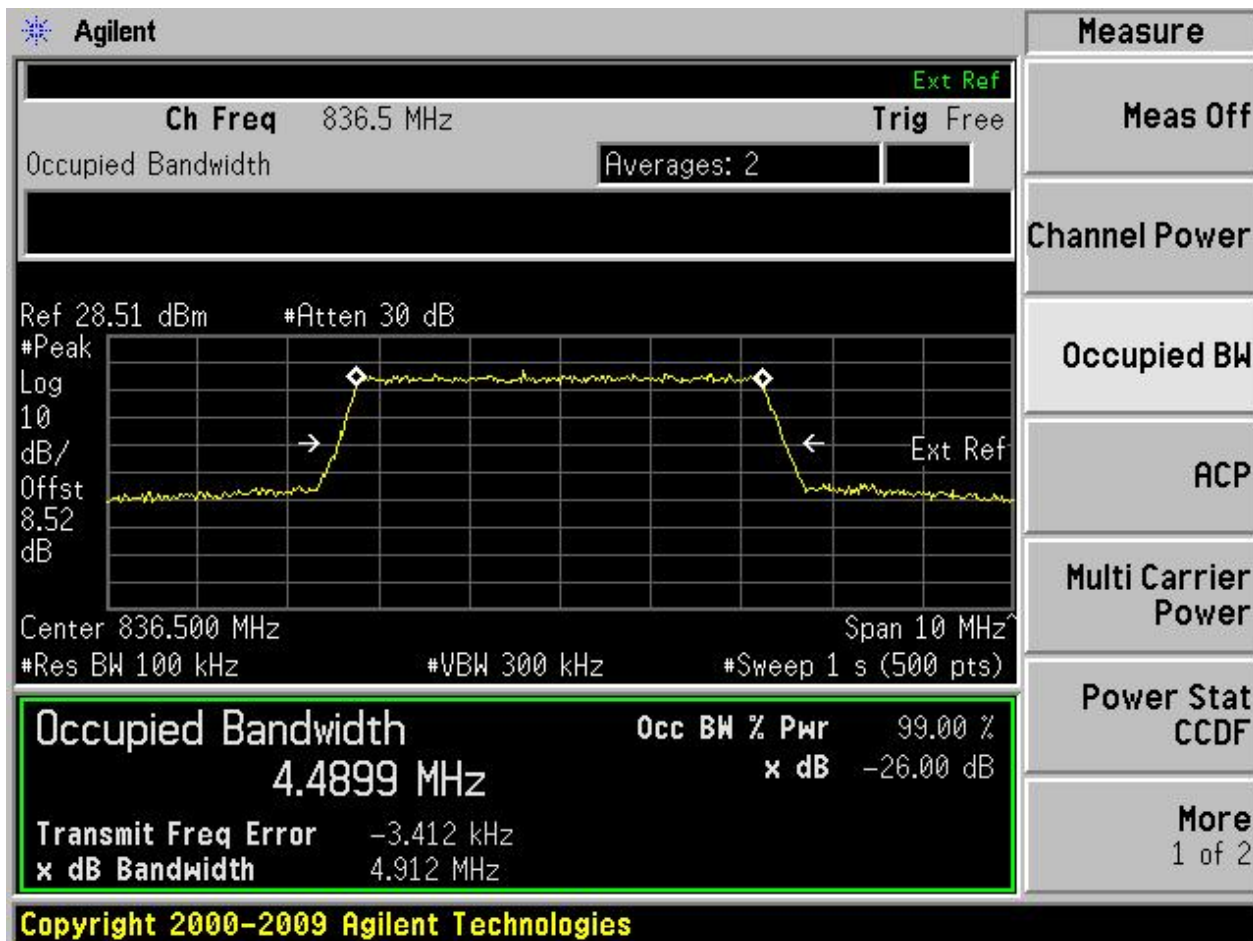
### 3.22 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20525, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)(NTNV)



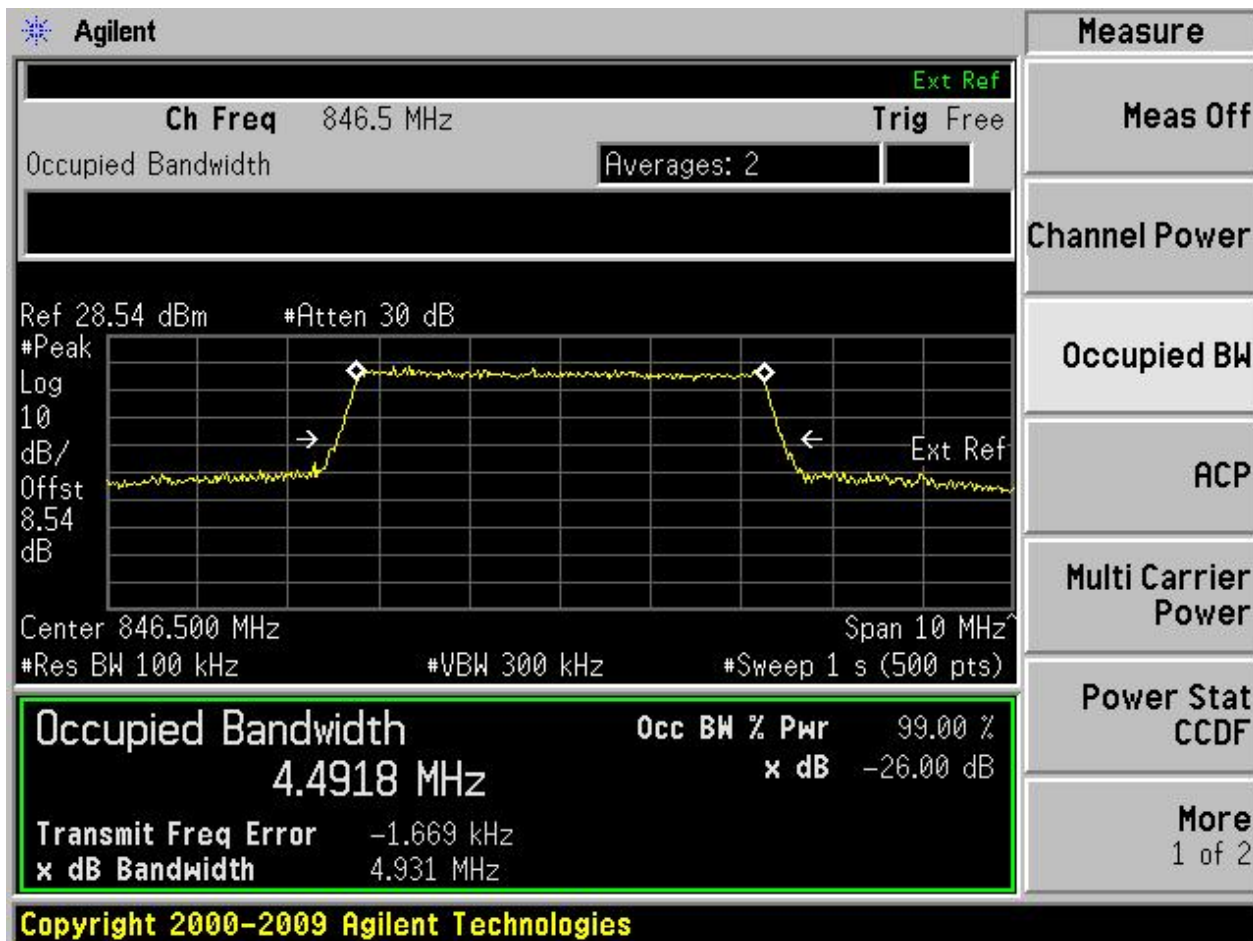
**3.23 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20525, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)(NTNV)**



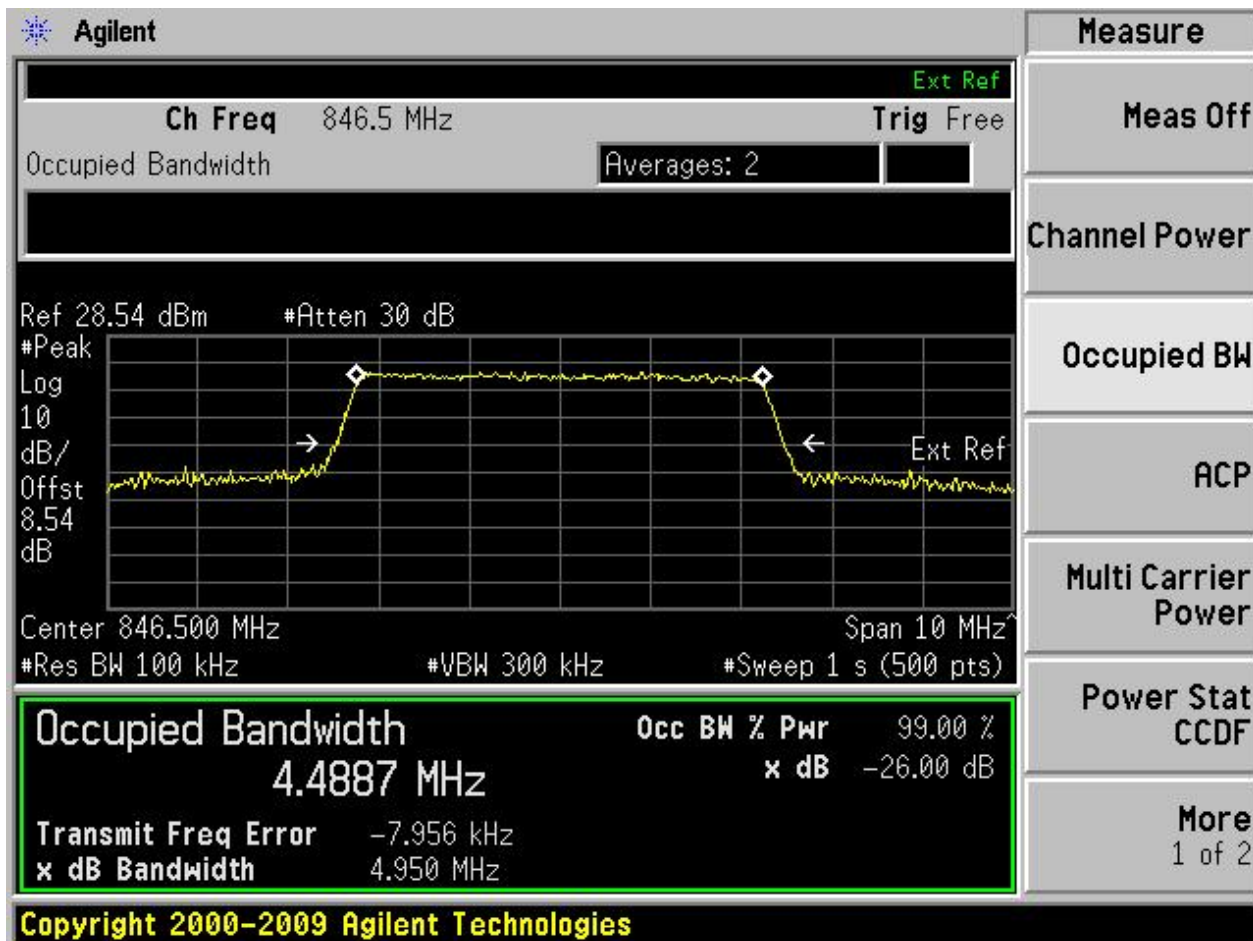
**3.24 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20525, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)(NTNV)**



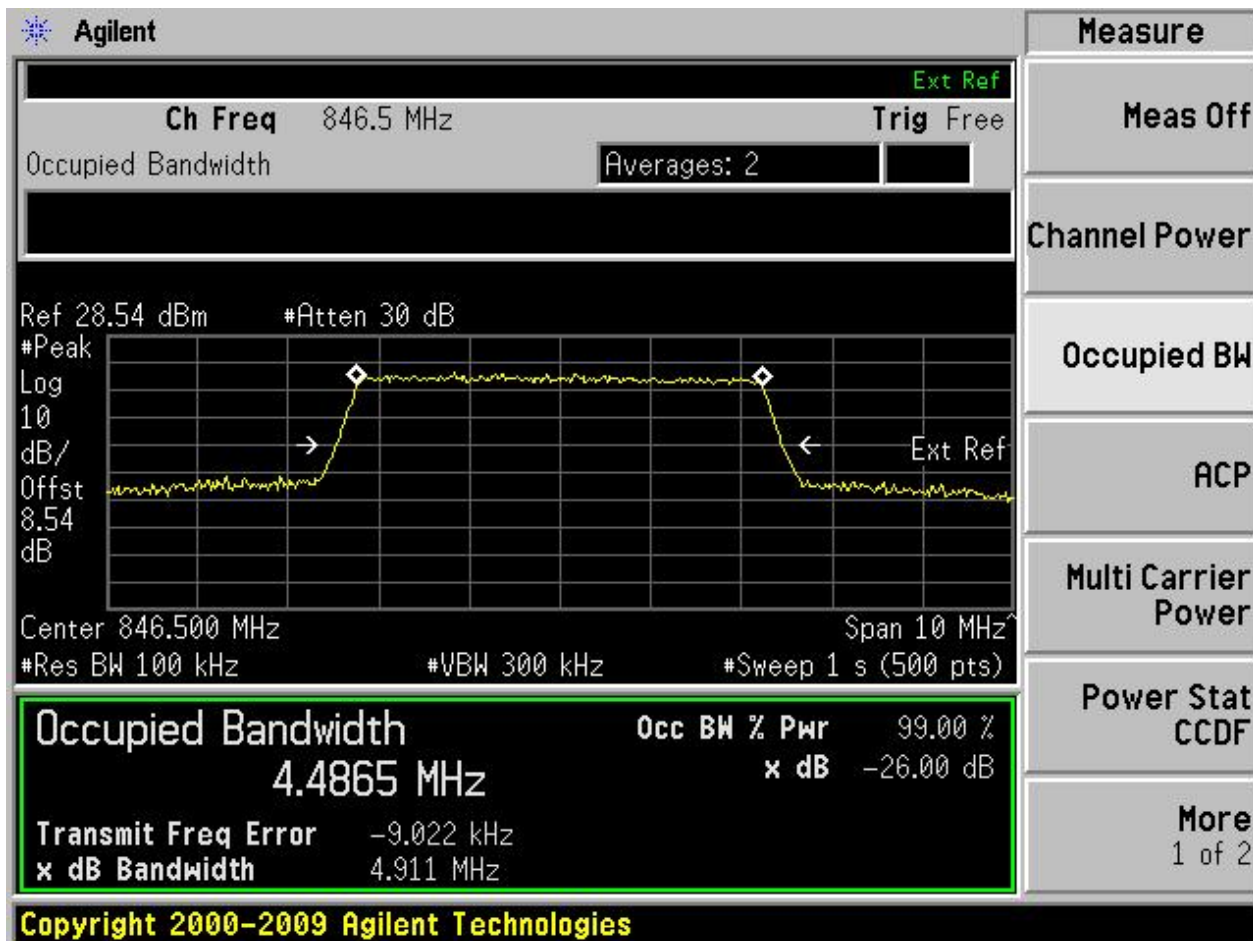
**3.25 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20625, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)(NTNV)**



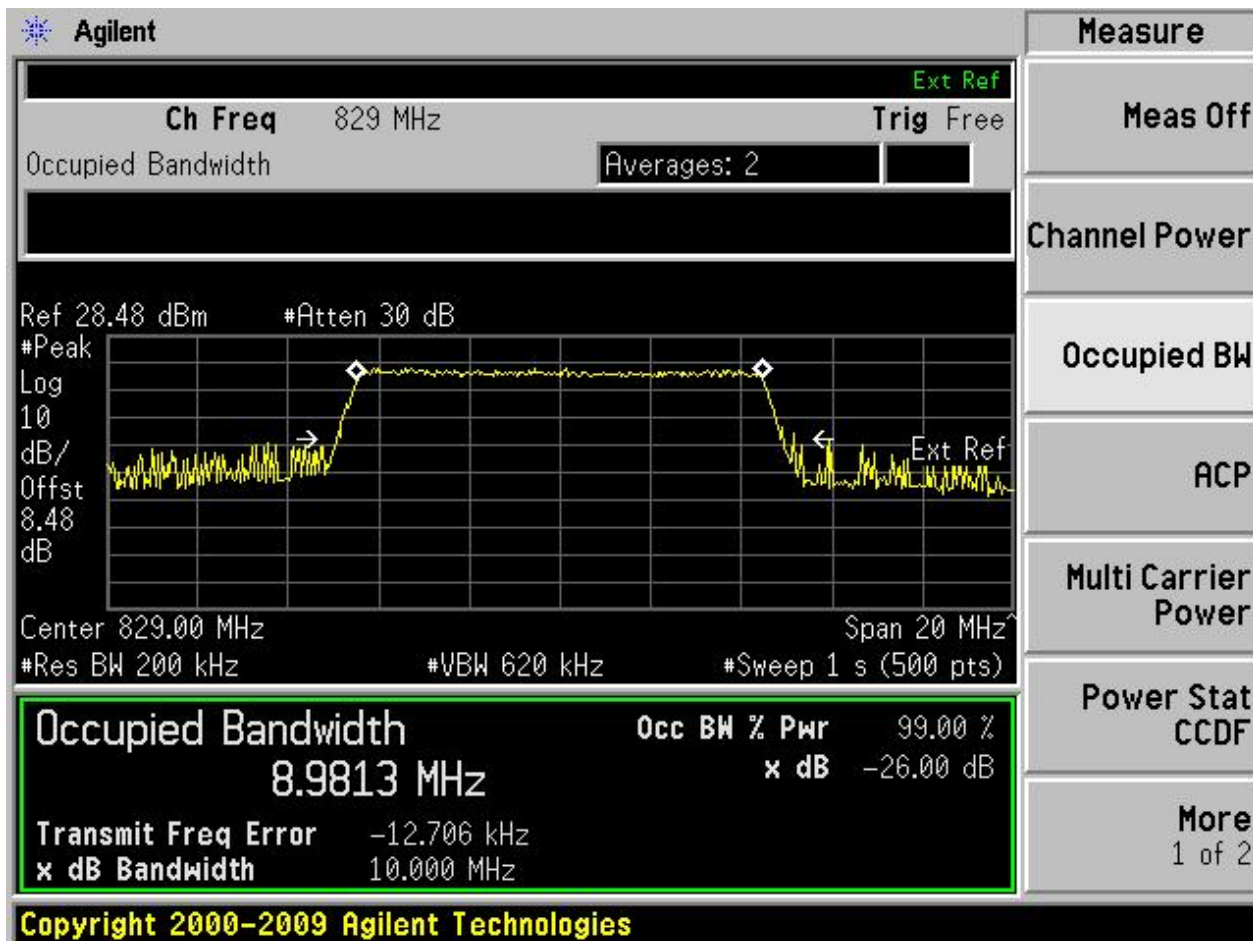
**3.26 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20625, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)(NTNV)**



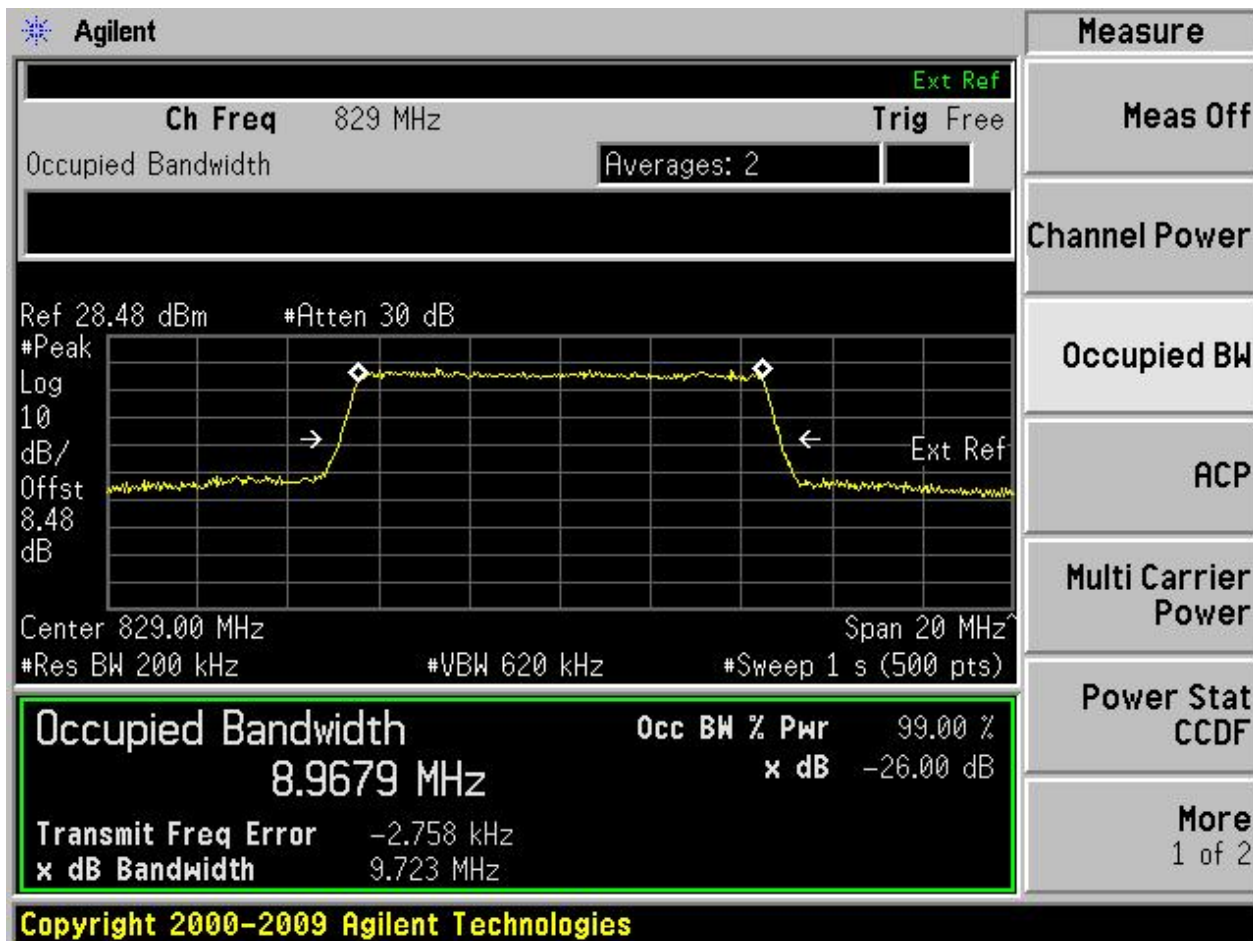
**3.27 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20625, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)(NTNV)**



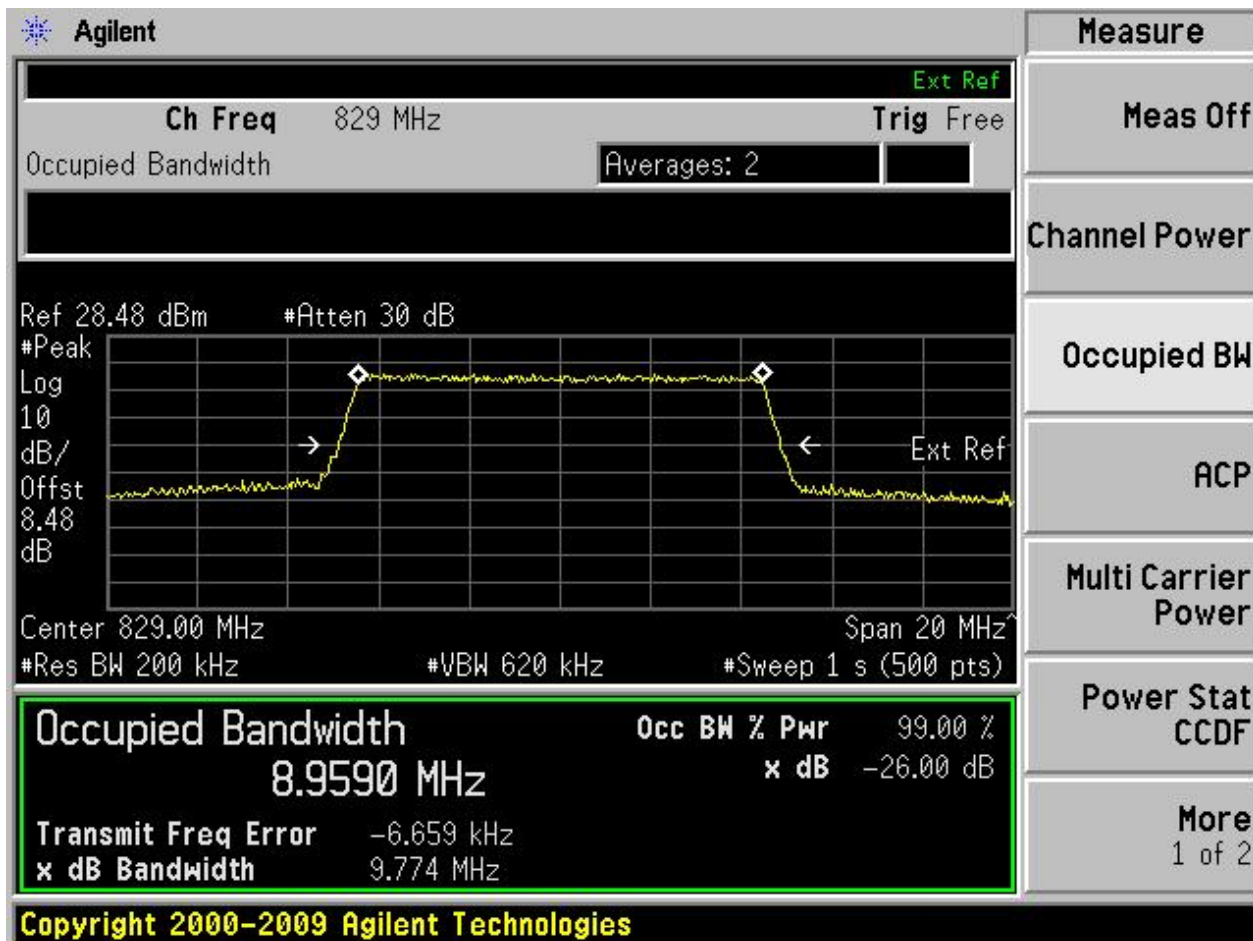
**3.28 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)(NTNV)**



**3.29 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20450, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)(NTNV)**



**3.30 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20450, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)(NTNV)**



**Agilent**

Ch Freq 836.5 MHz Trg Free

Occupied Bandwidth Averages: 2

Ref 28.51 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.52 dB

Center 836.50 MHz Span 20 MHz

#Res BW 200 kHz #VBW 620 kHz #Sweep 1 s (500 pts)

**Occupied Bandwidth** 8.9546 MHz

**Occ BW % Pwr** 99.00 %

**x dB** -26.00 dB

**Transmit Freq Error** -1.869 kHz

**x dB Bandwidth** 9.769 MHz

**Measure**

Meas Off

Channel Power

Occupied BW

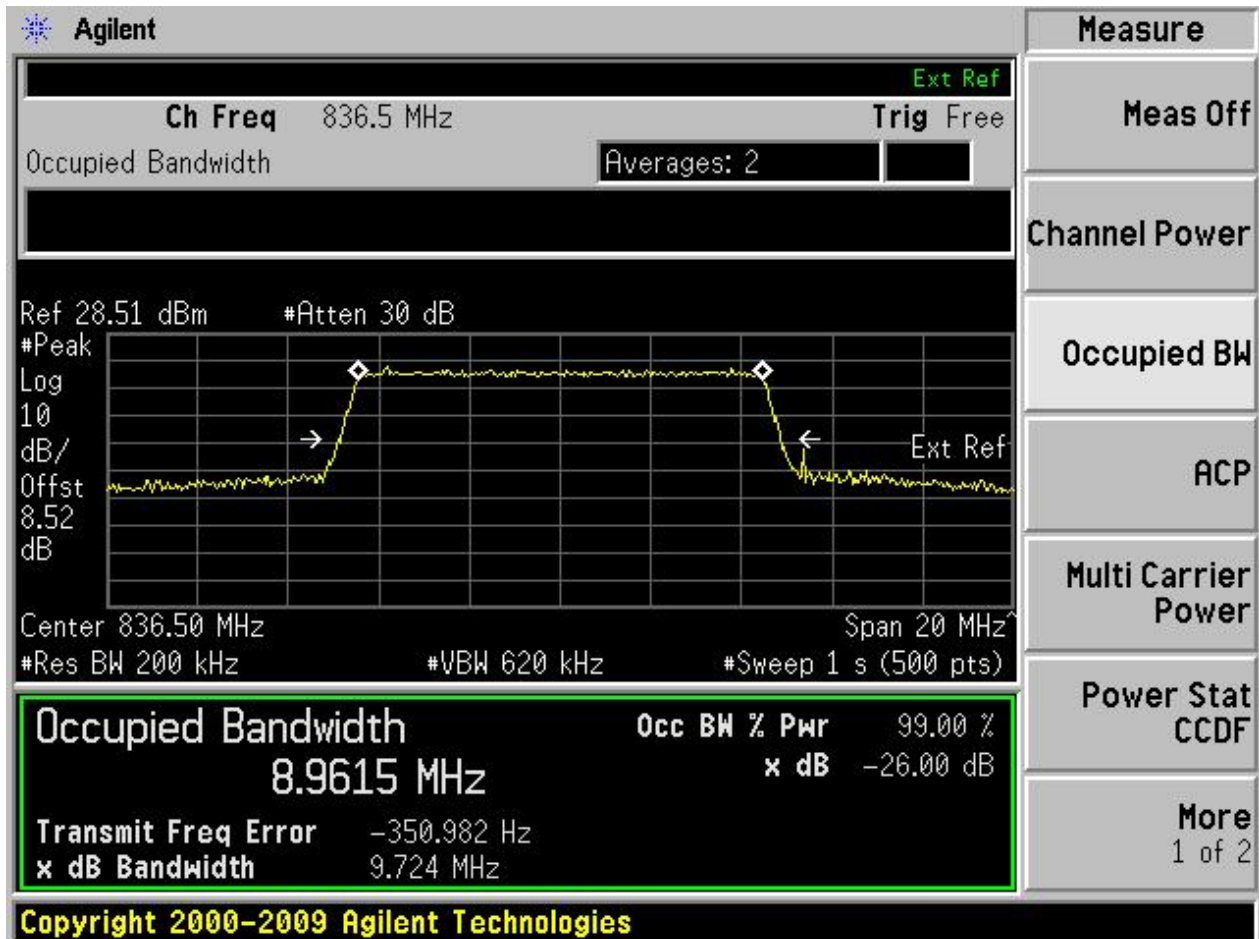
ACP

Multi Carrier Power

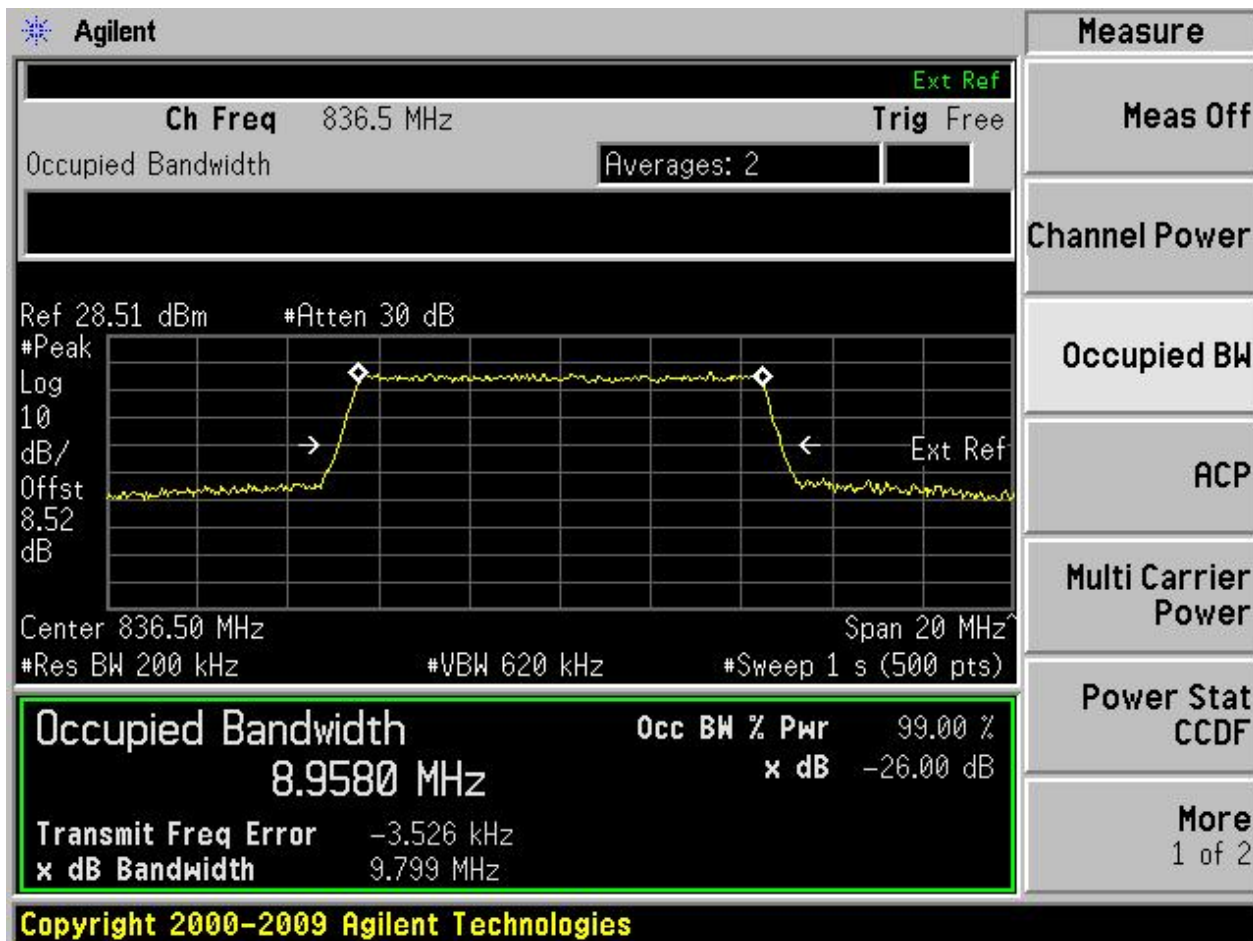
Power Stat CCDF

More 1 of 2

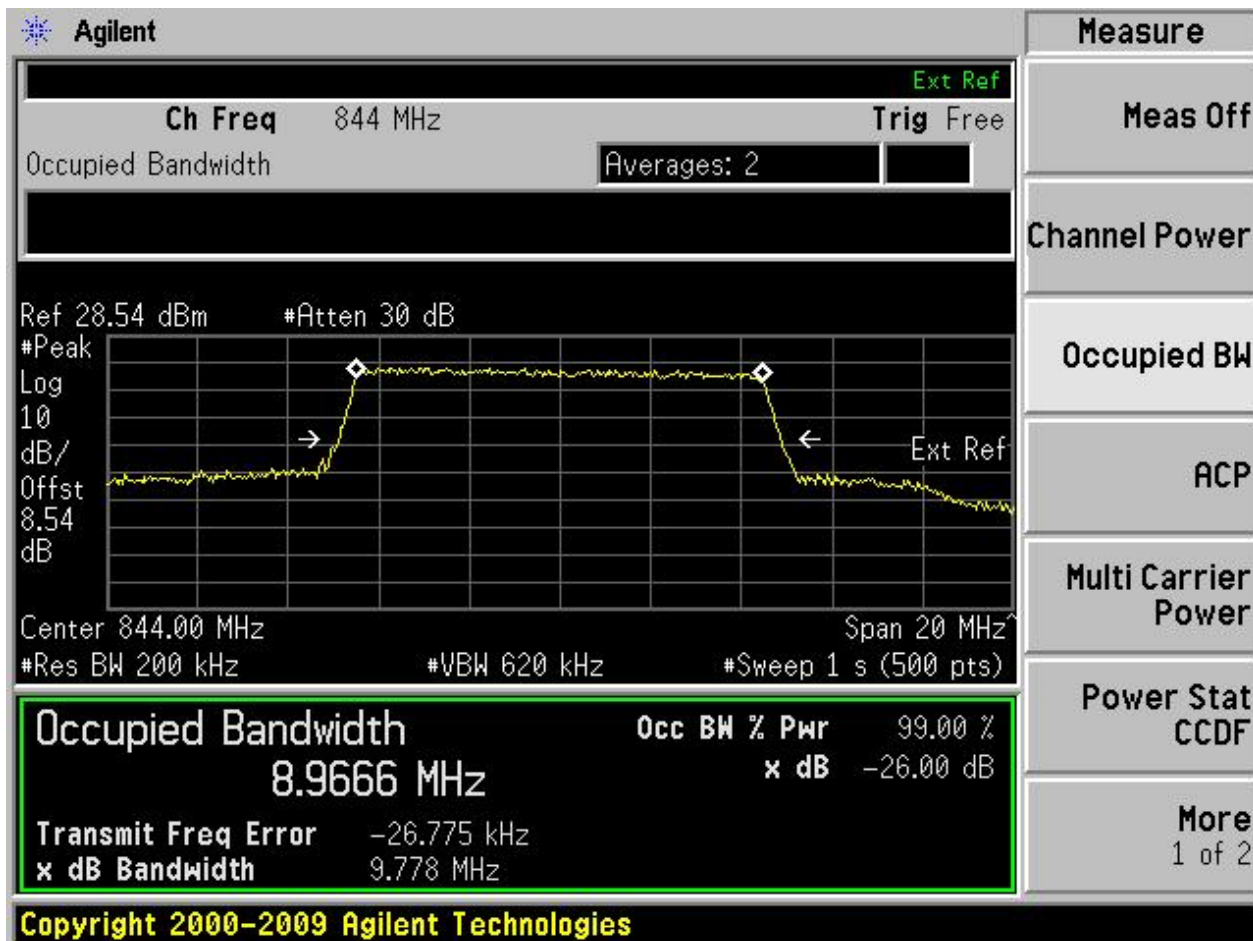
**3.32 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20525, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)(NTNV)**



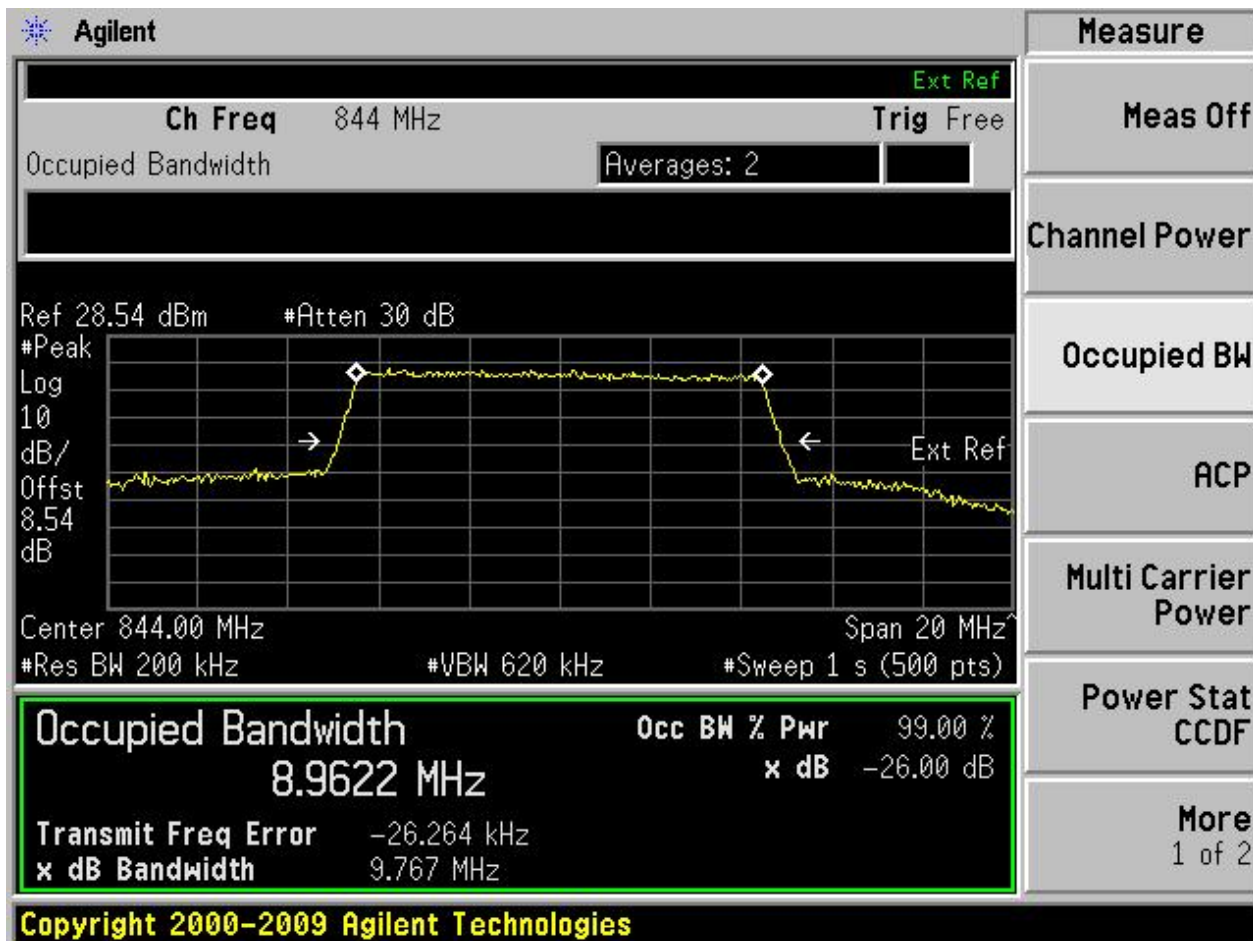
**3.33 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20525, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)(NTNV)**



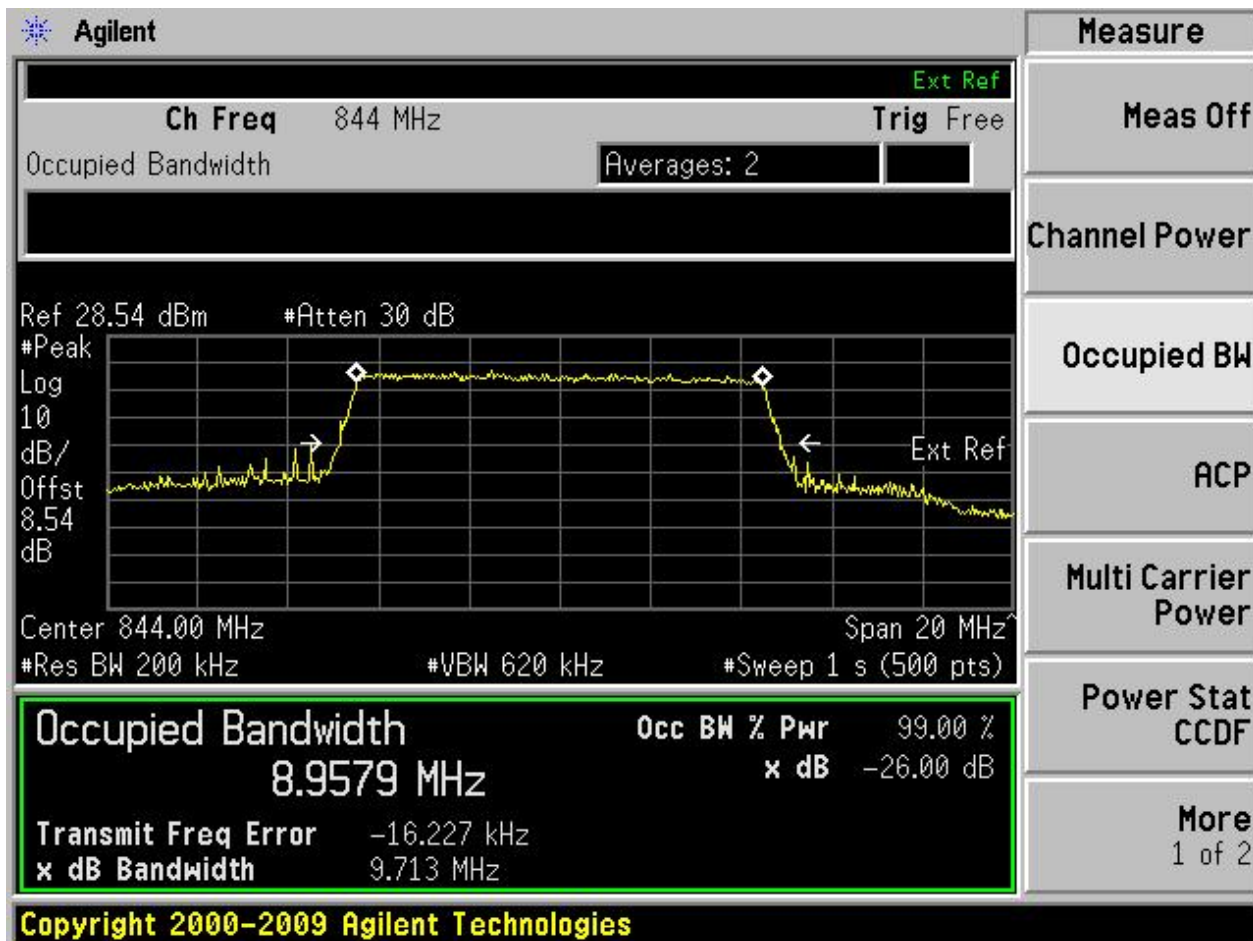
**3.34 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)(NTNV)**



**3.35 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20600, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)(NTNV)**

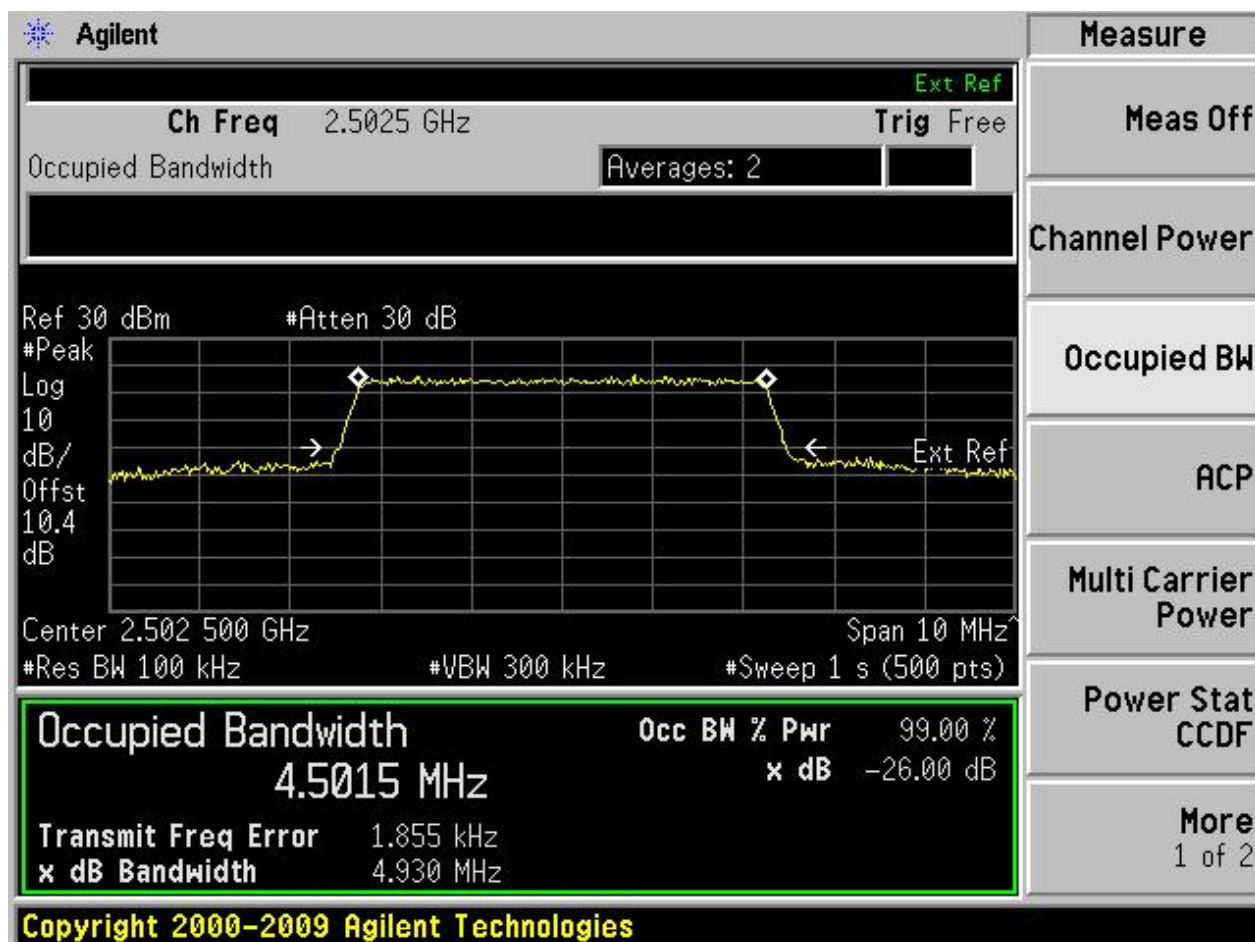


**3.36 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20600, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)(NTNV)**

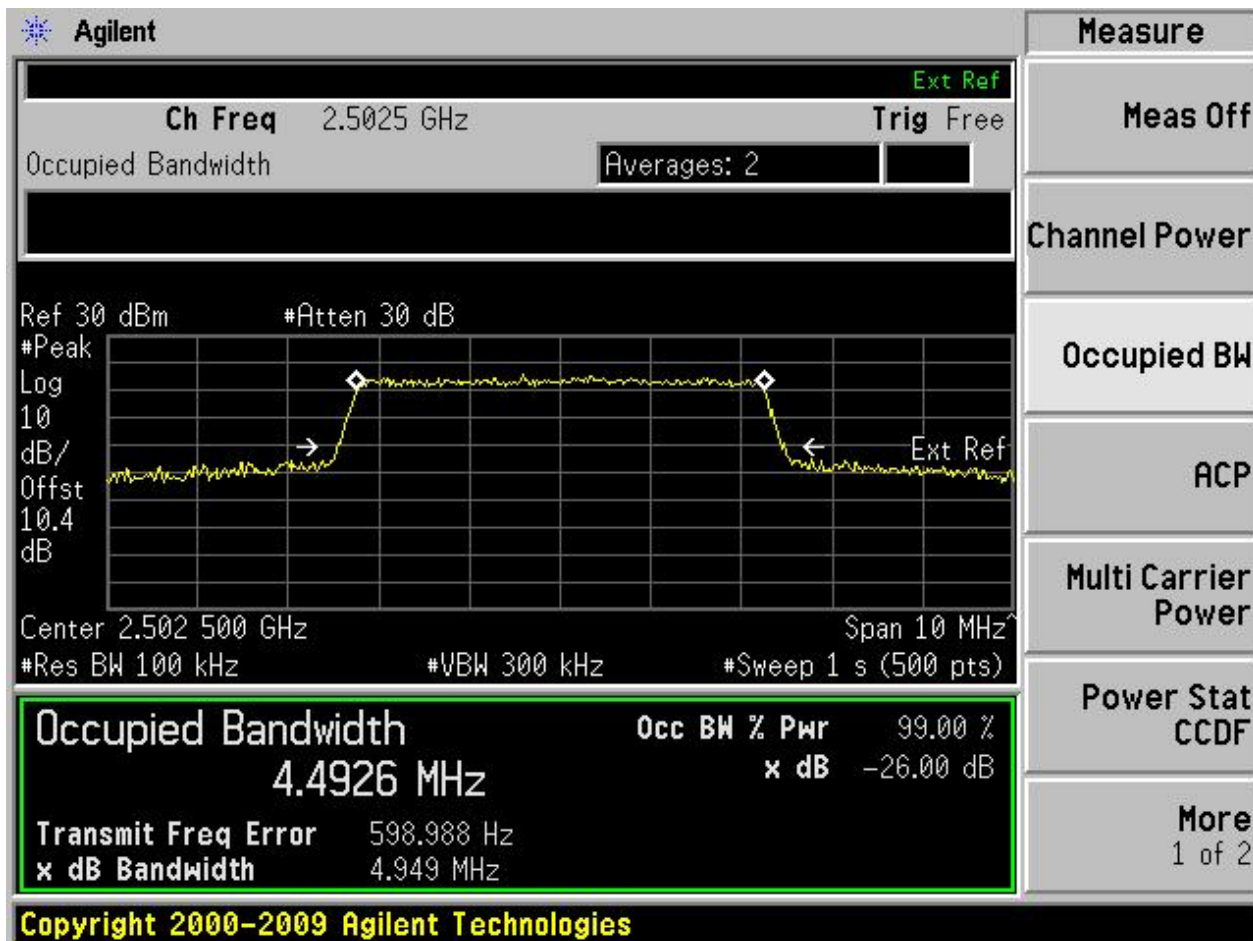


## 4. LTE\_Band7

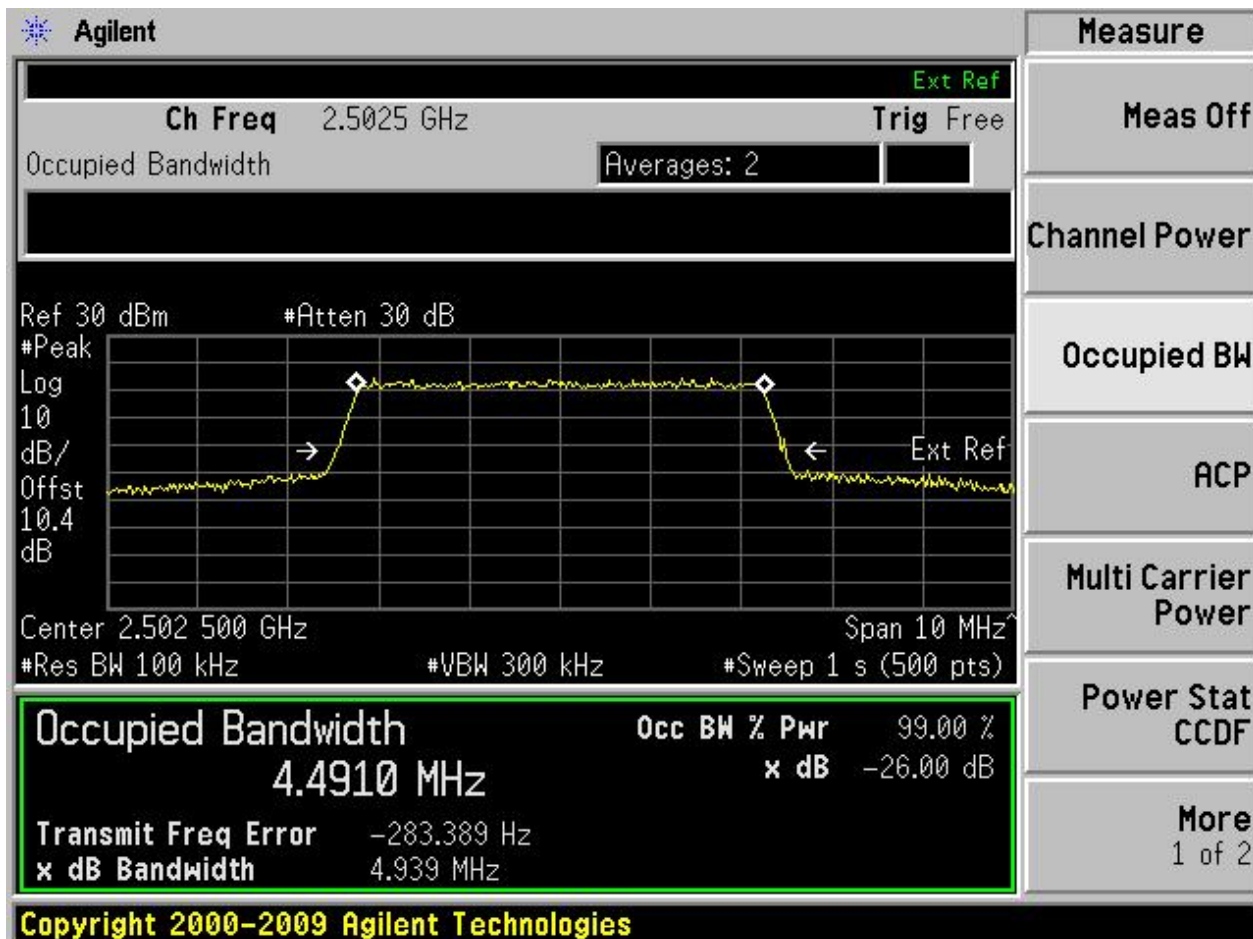
### 4.1 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)(NTNV)



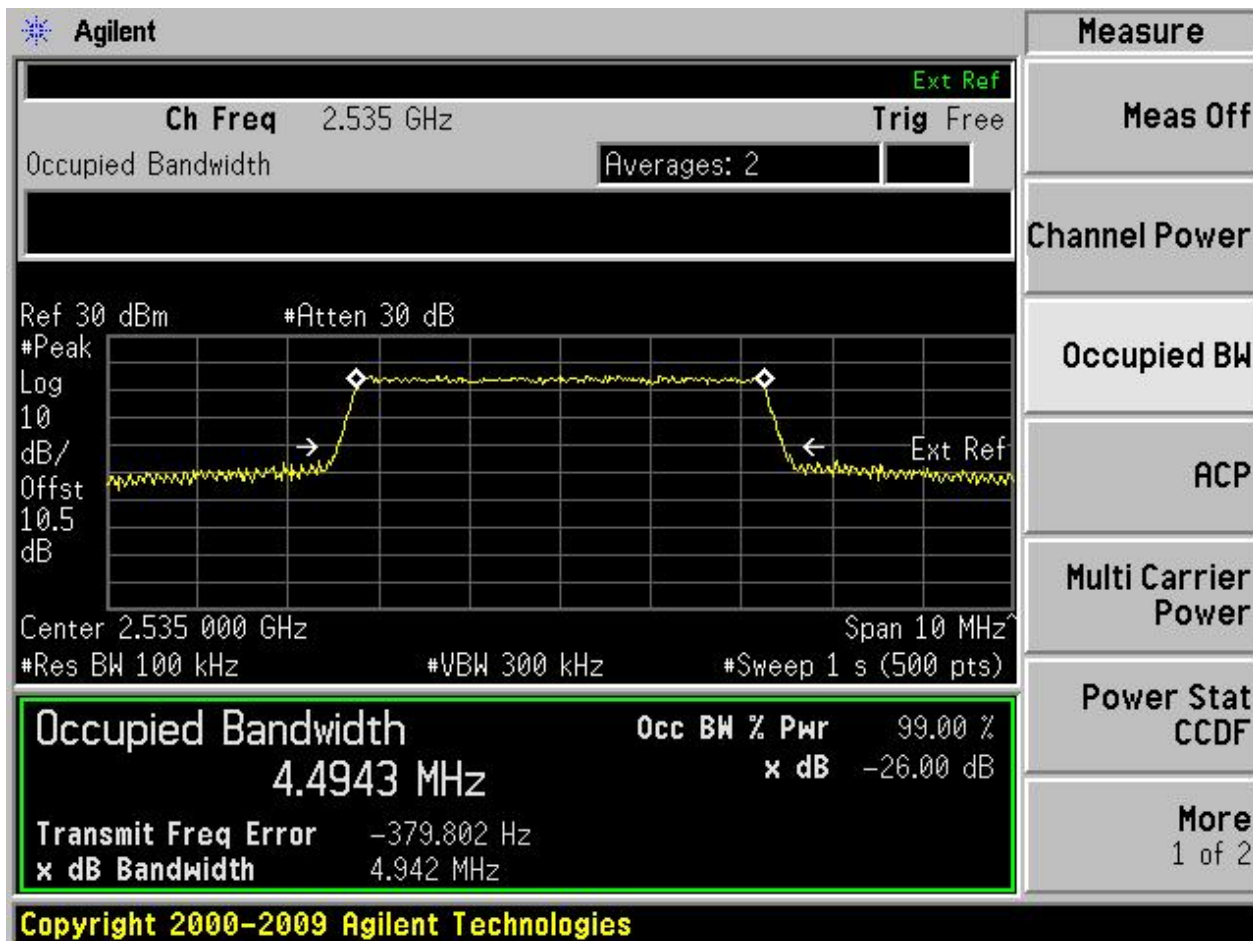
**4.2 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20775, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)(NTNV)**



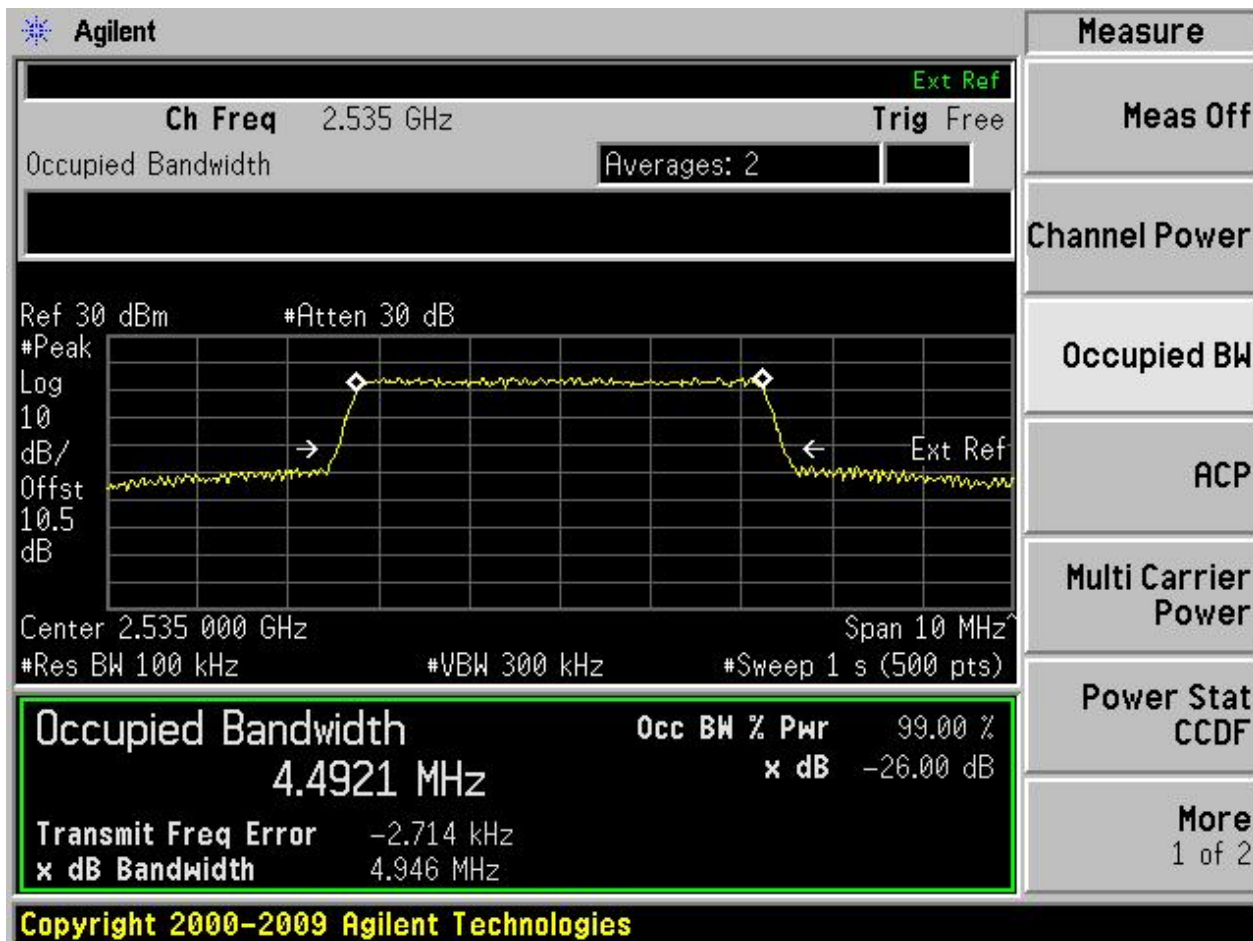
#### 4.3 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20775, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)(NTNV)



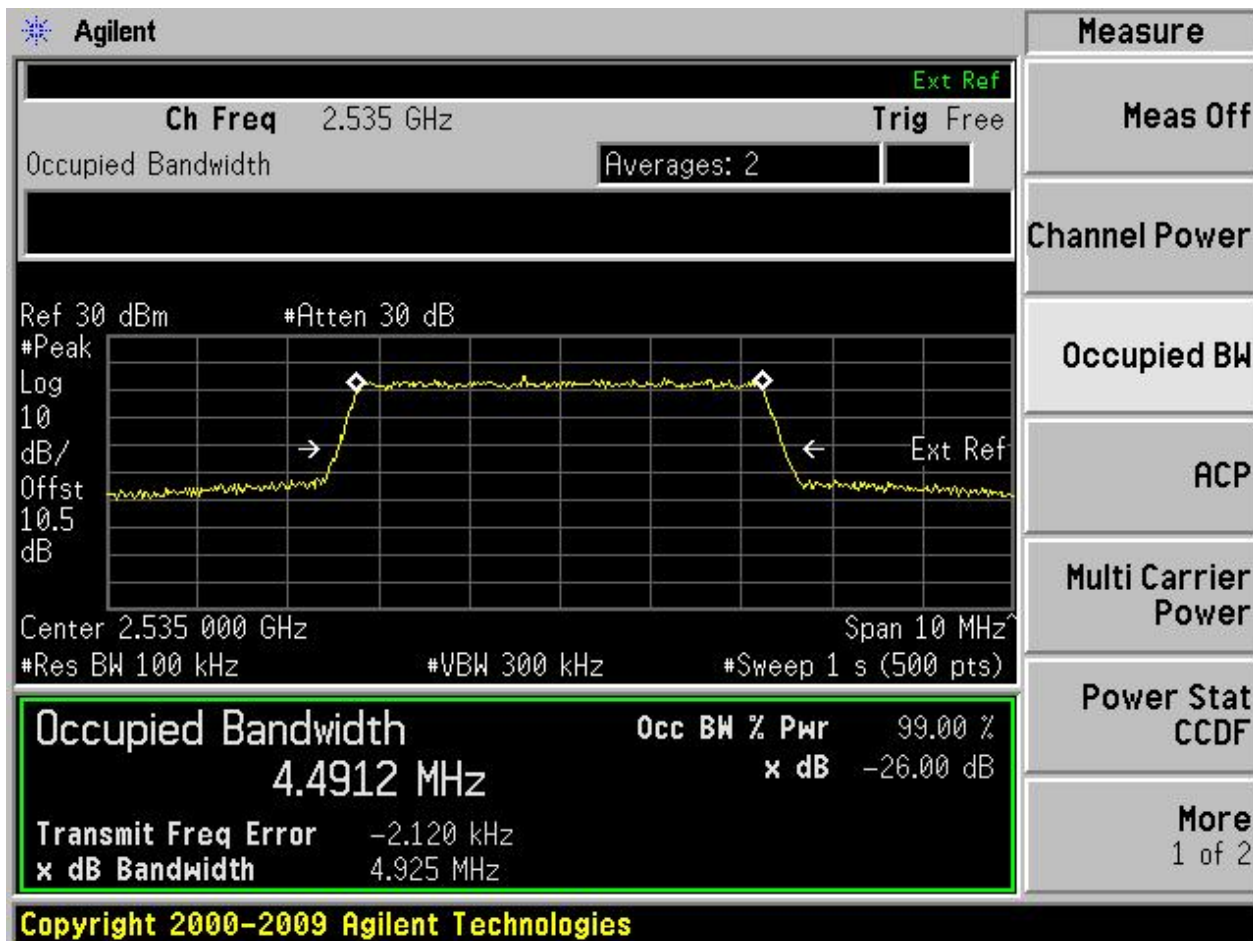
**4.4 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:21100, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)(NTNV)**



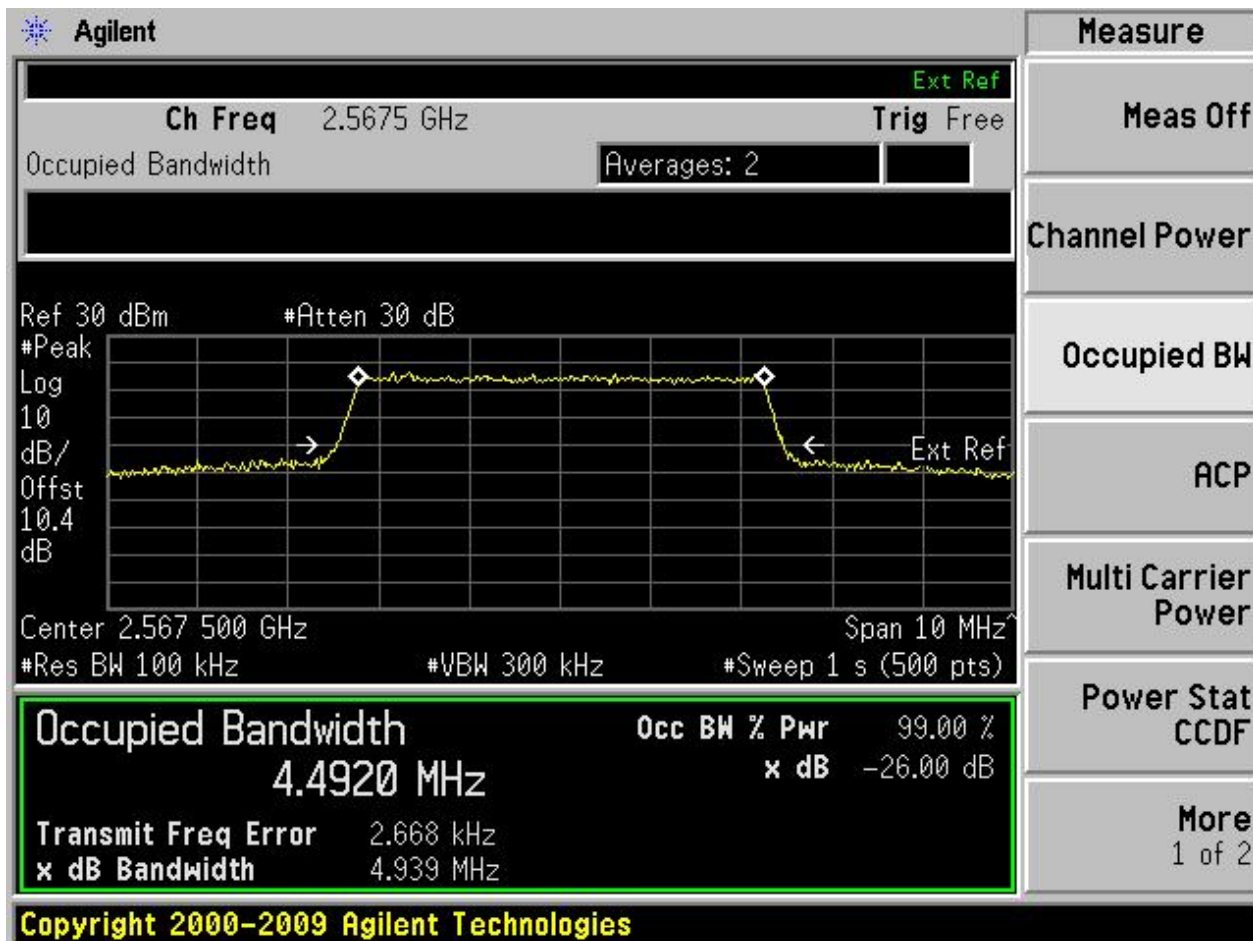
**4.5 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:21100, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)(NTNV)**



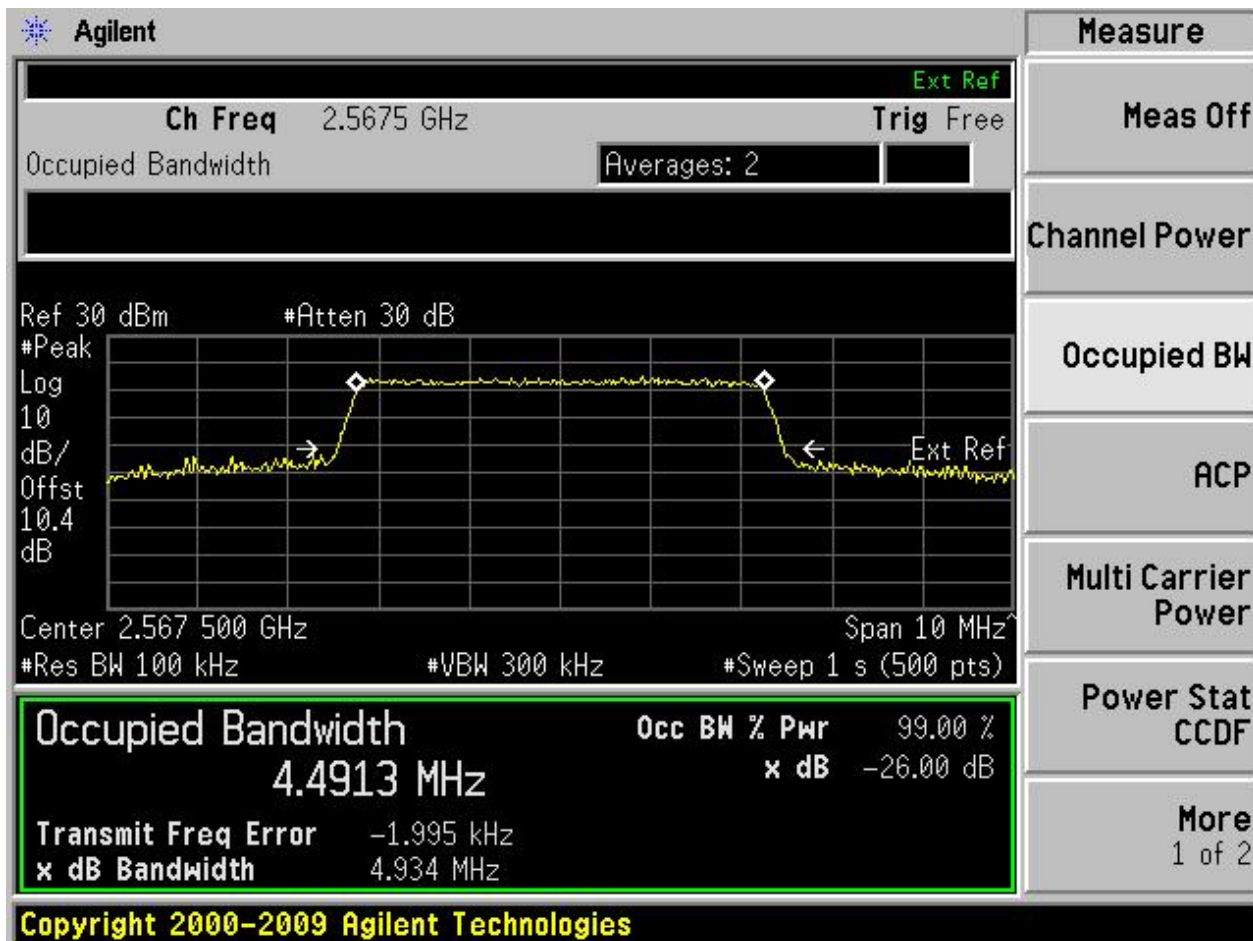
#### 4.6 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:21100, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)(NTNV)



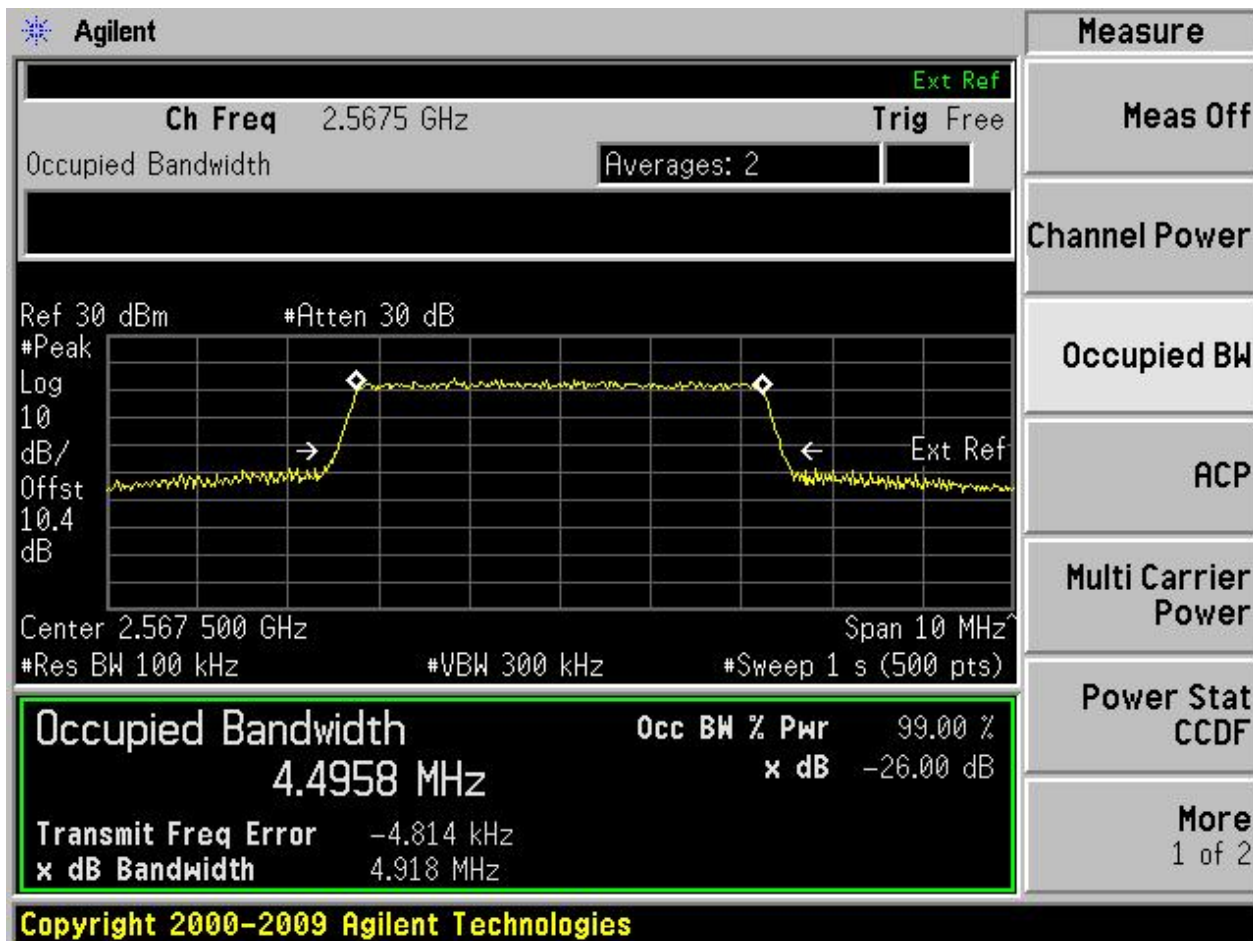
**4.7 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)(NTNV)**



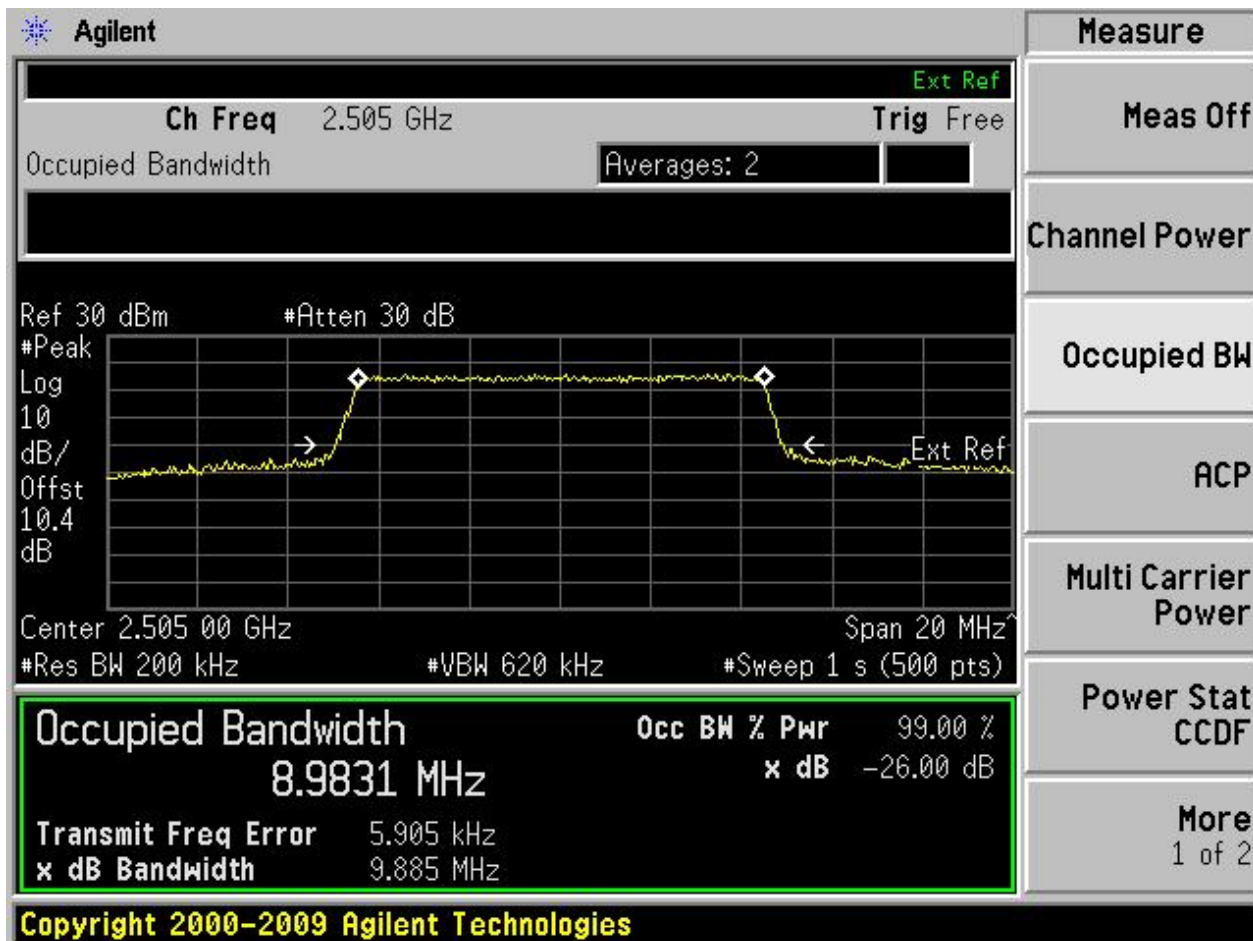
**4.8 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:21425, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)(NTNV)**



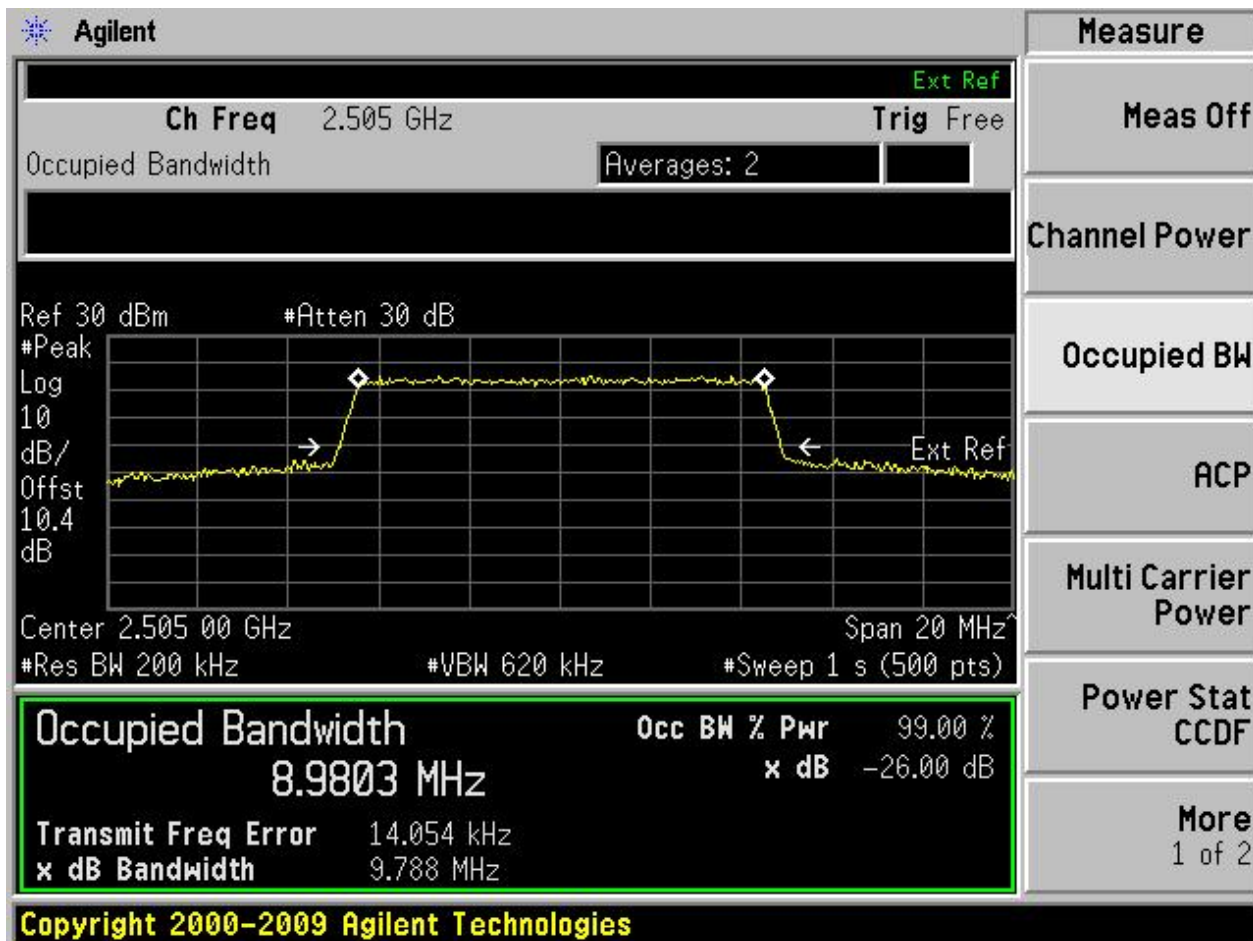
**4.9 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:21425, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)(NTNV)**



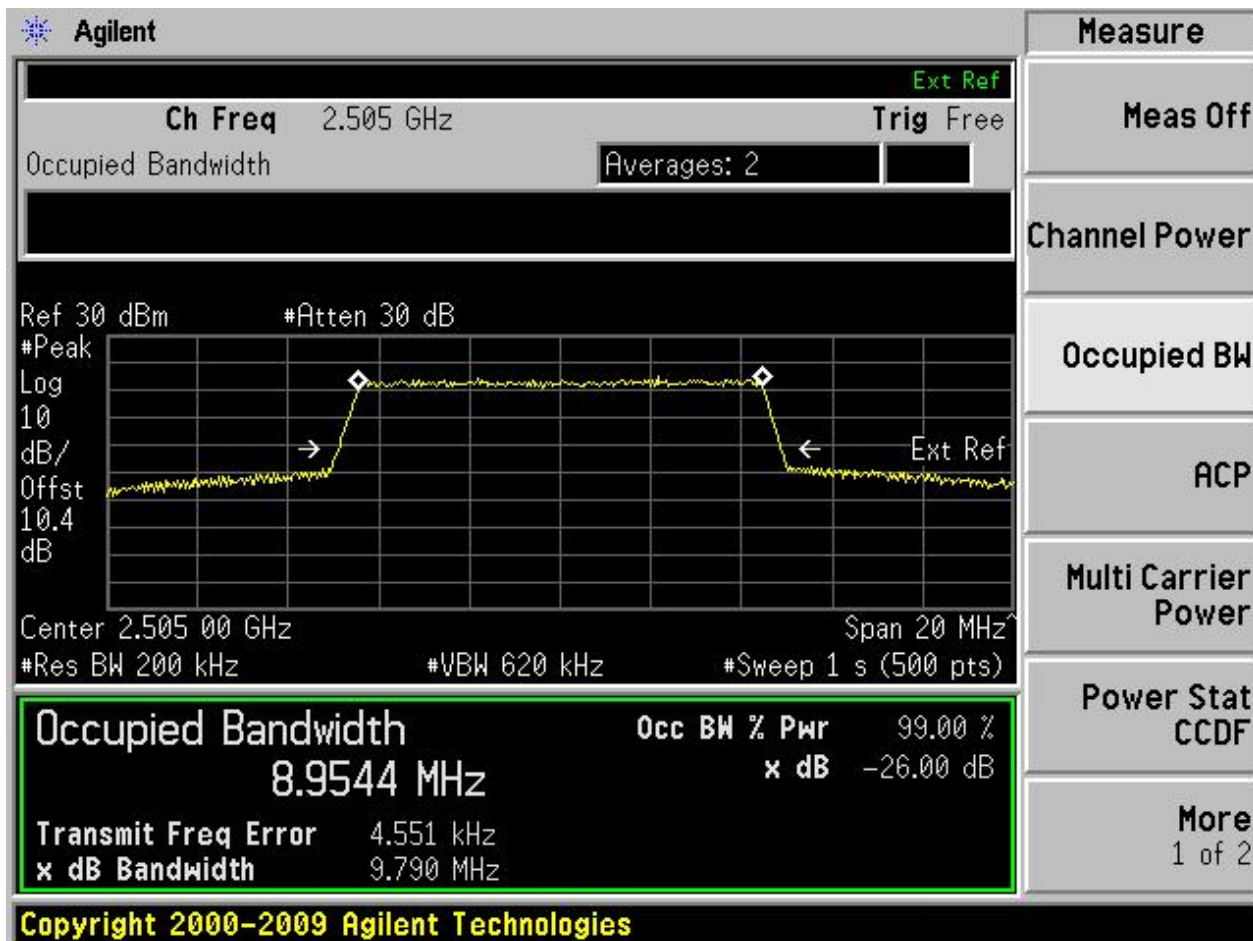
**4.10 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)(NTNV)**



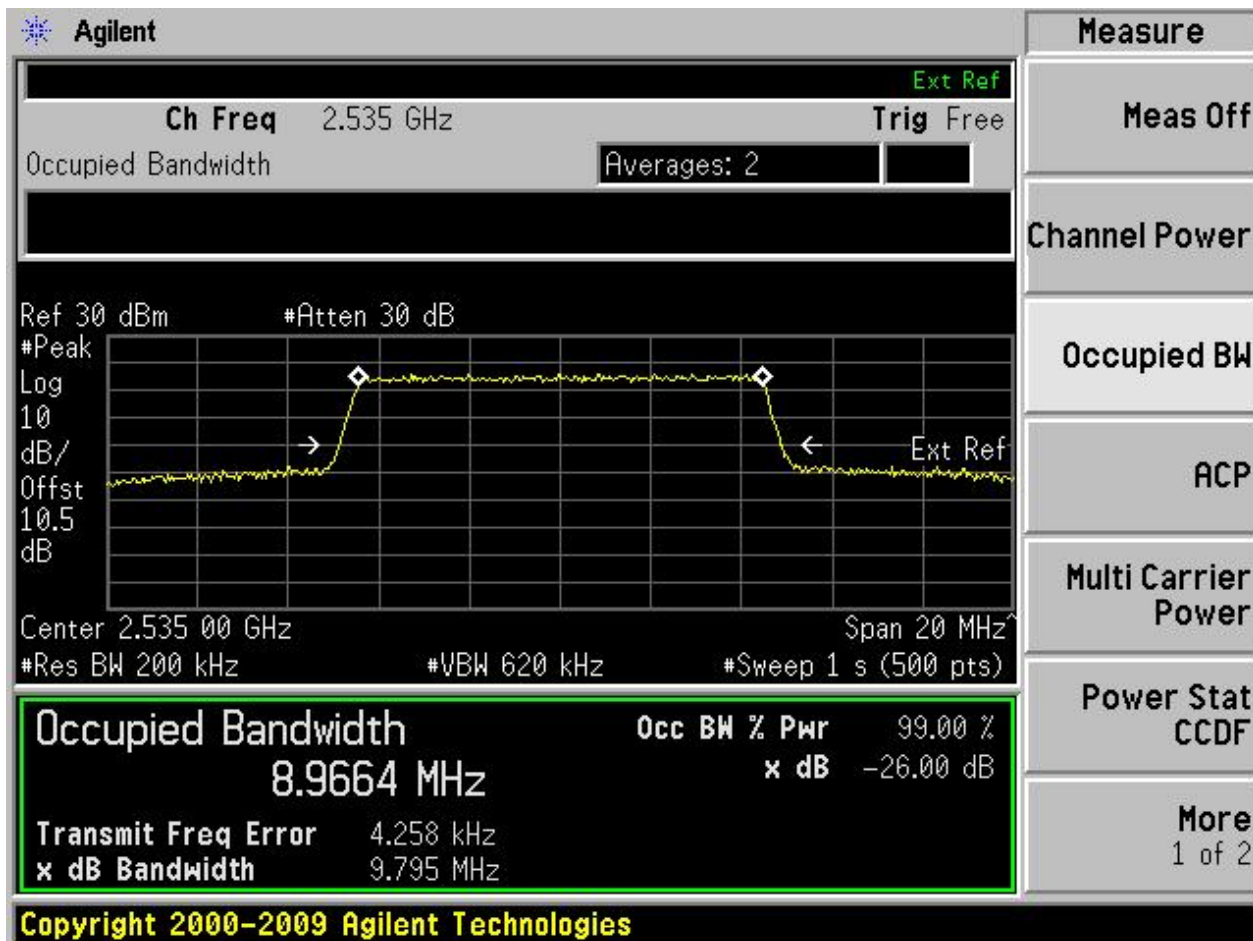
**4.11 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20800, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)(NTNV)**



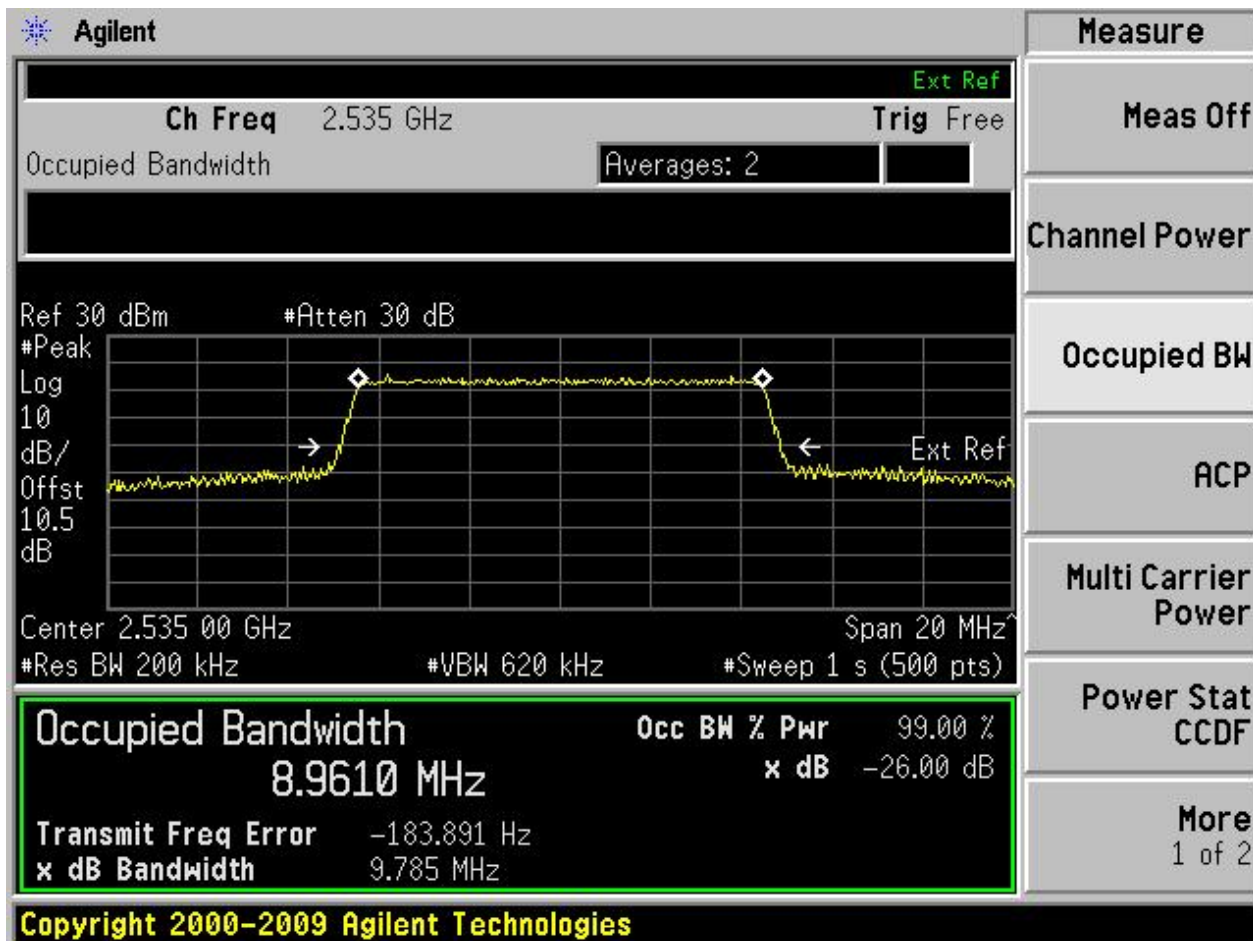
#### 4.12 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20800, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)(NTNV)



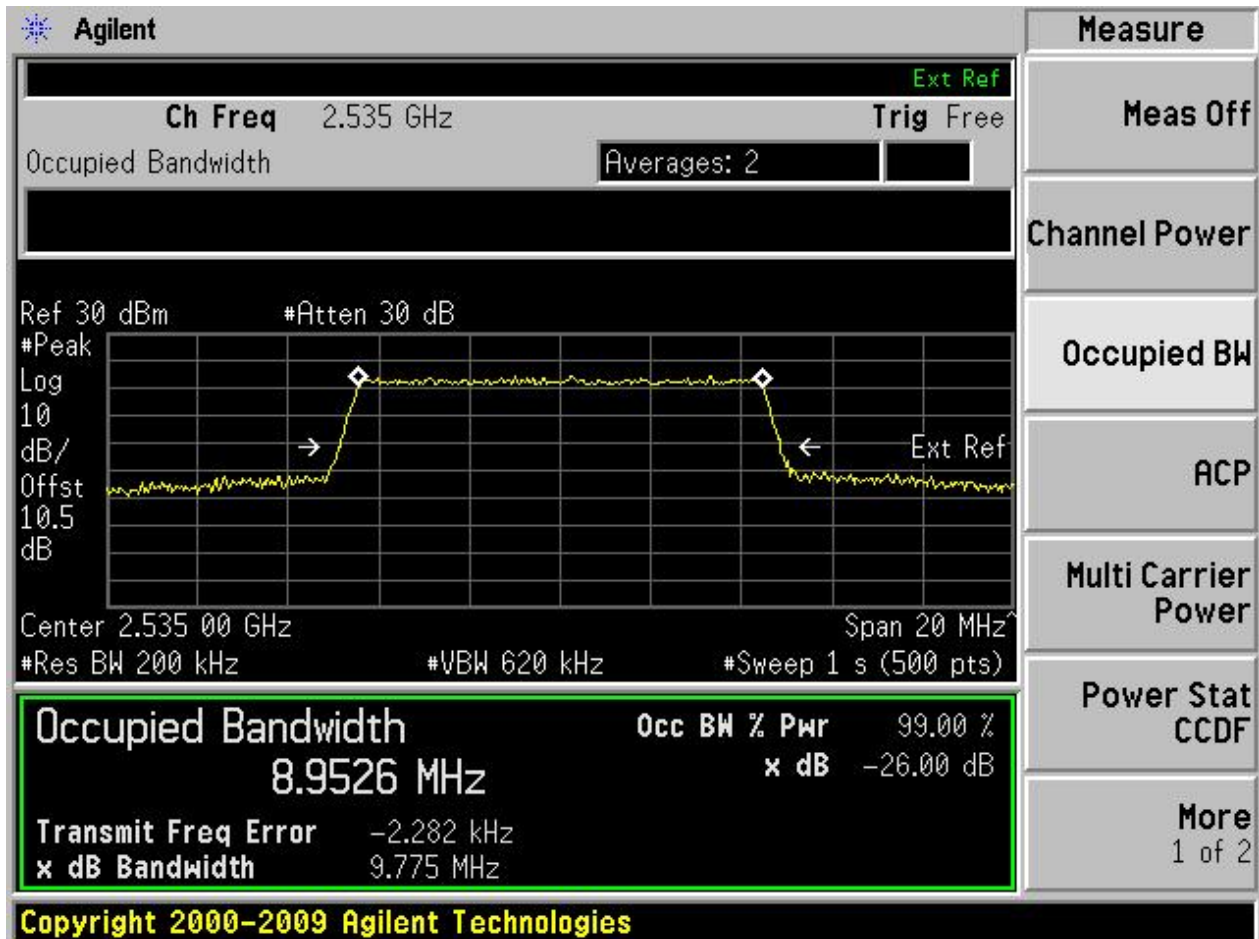
**4.13 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:21100, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)(NTNV)**



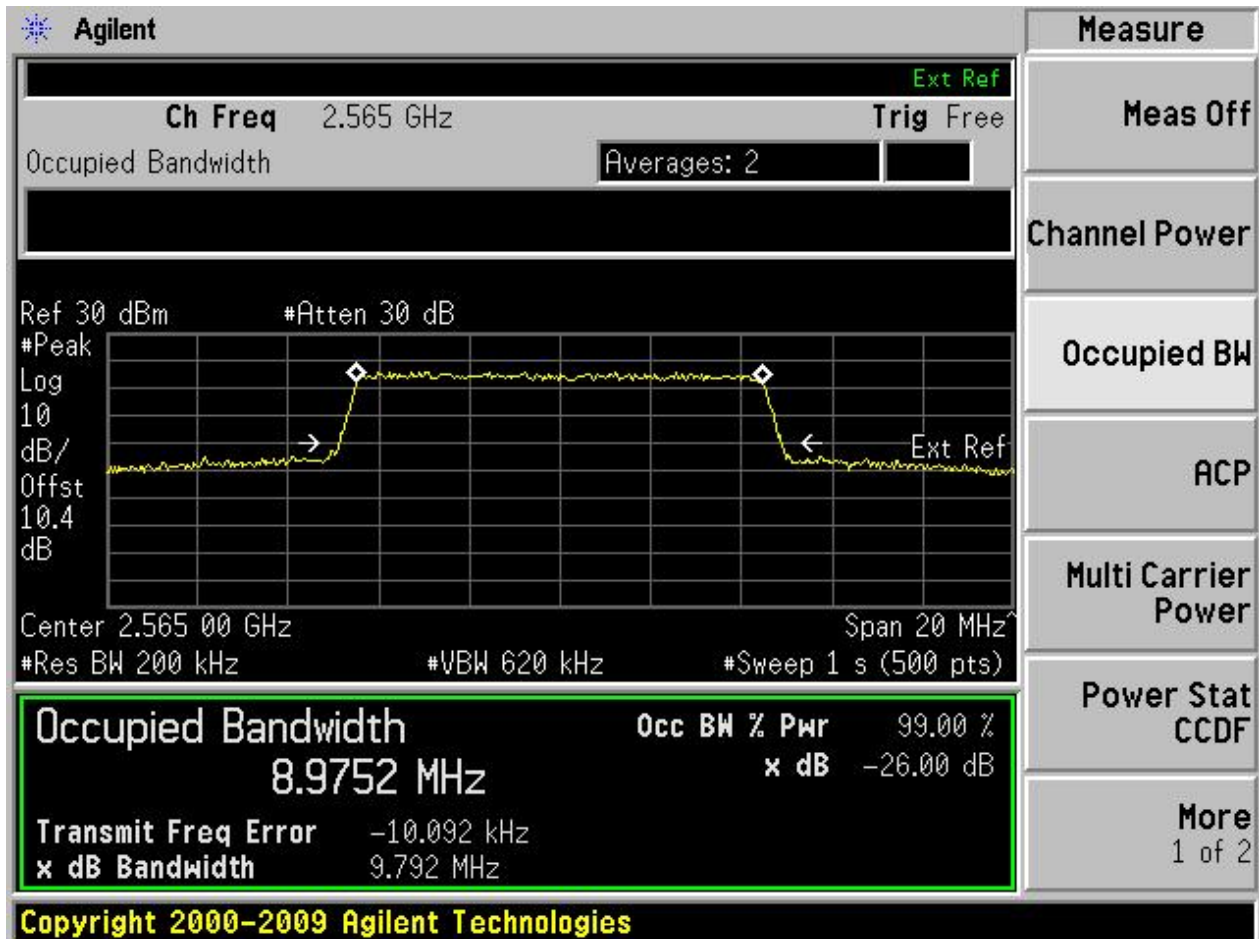
**4.14 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:21100, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)(NTNV)**



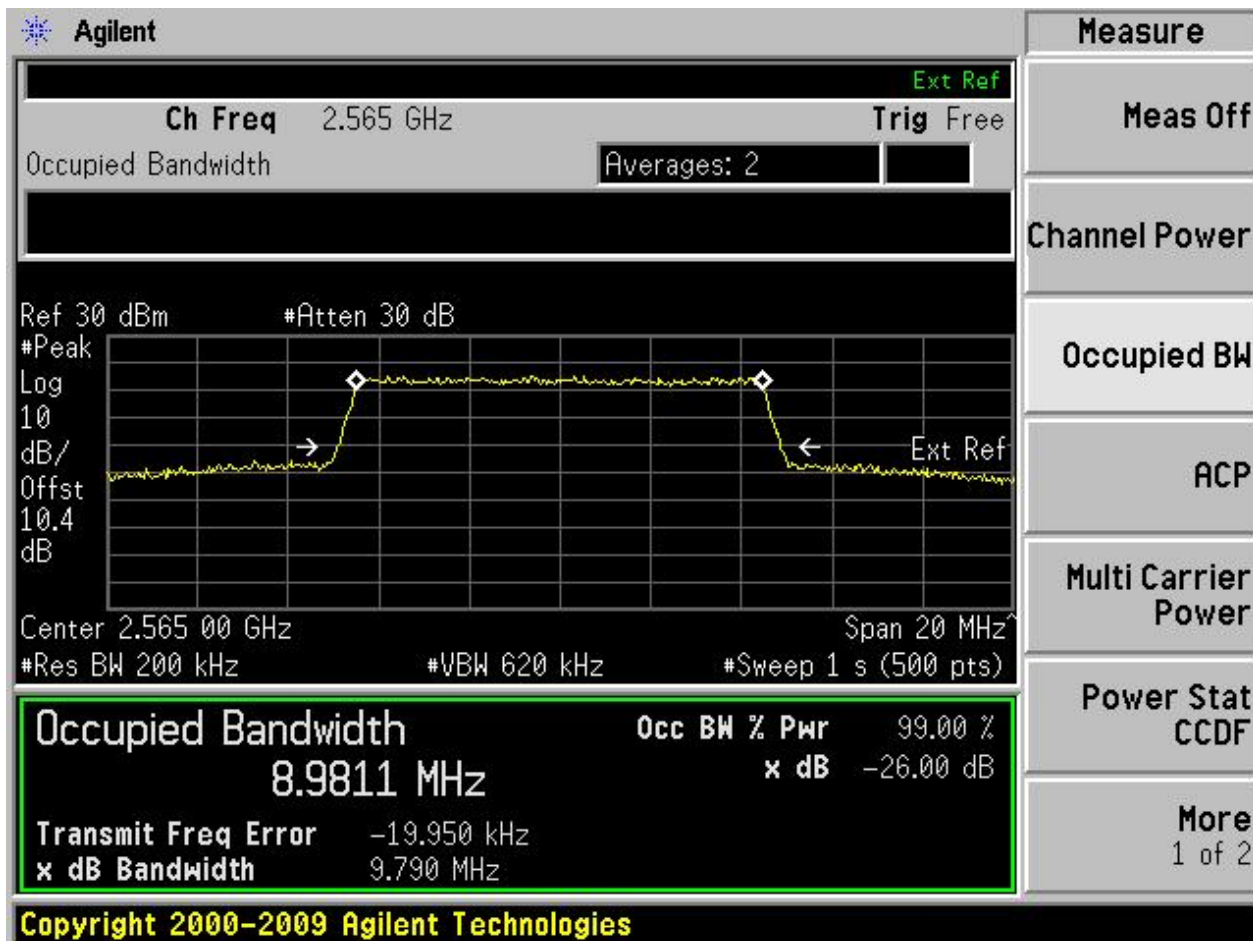
#### 4.15 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:21100, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)(NTNV)



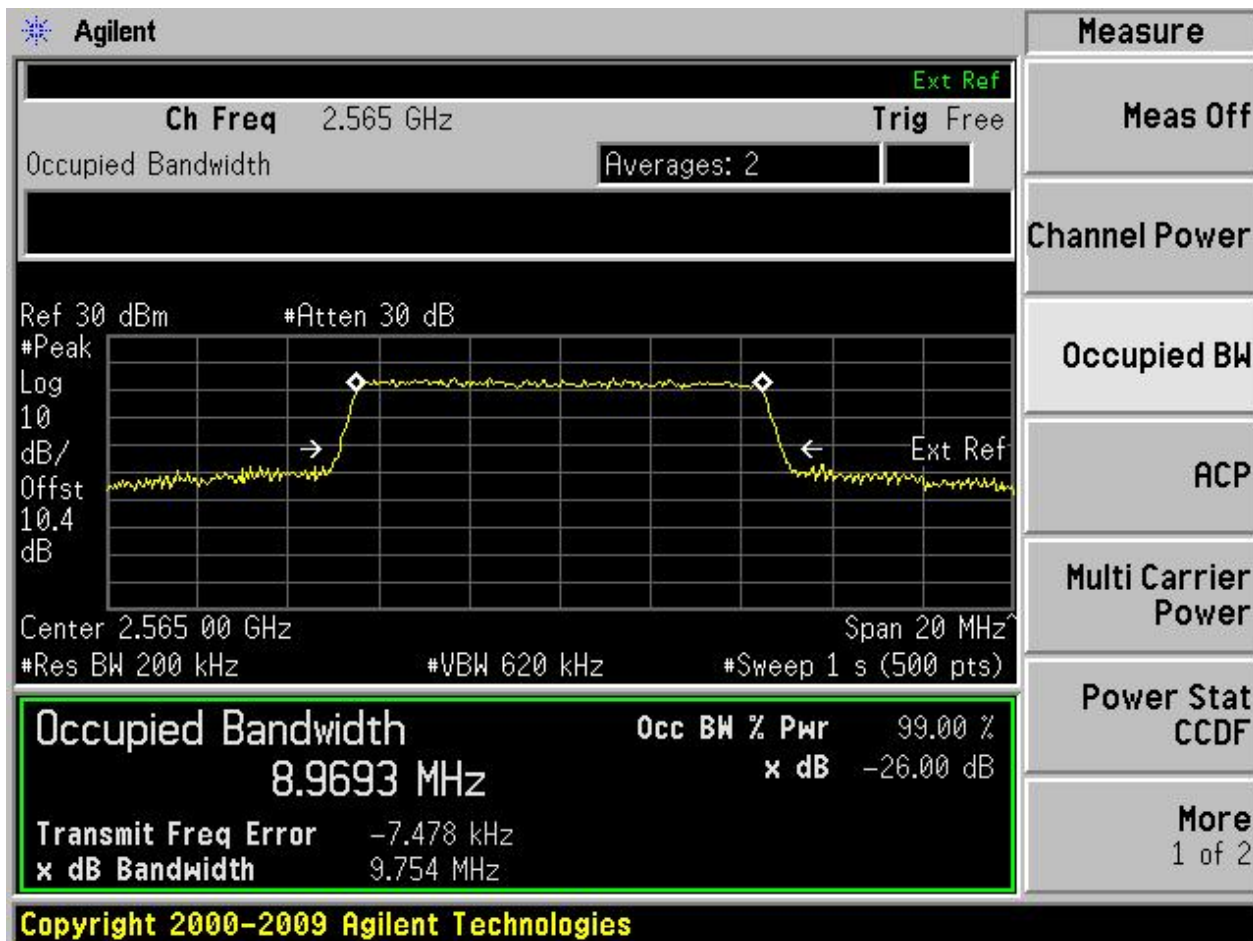
**4.16 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:21400, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)(NTNV)**



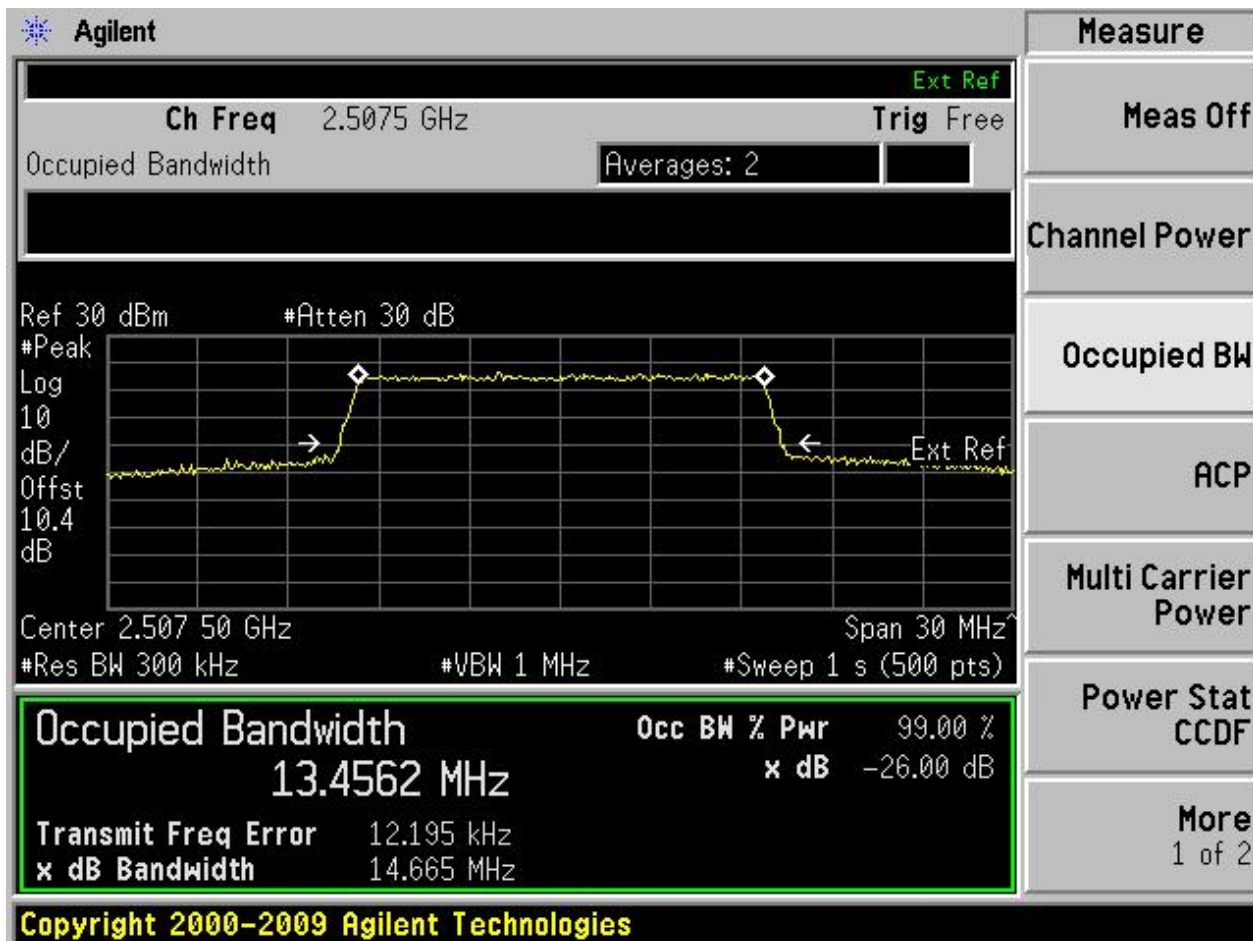
**4.17 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:21400, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)(NTNV)**



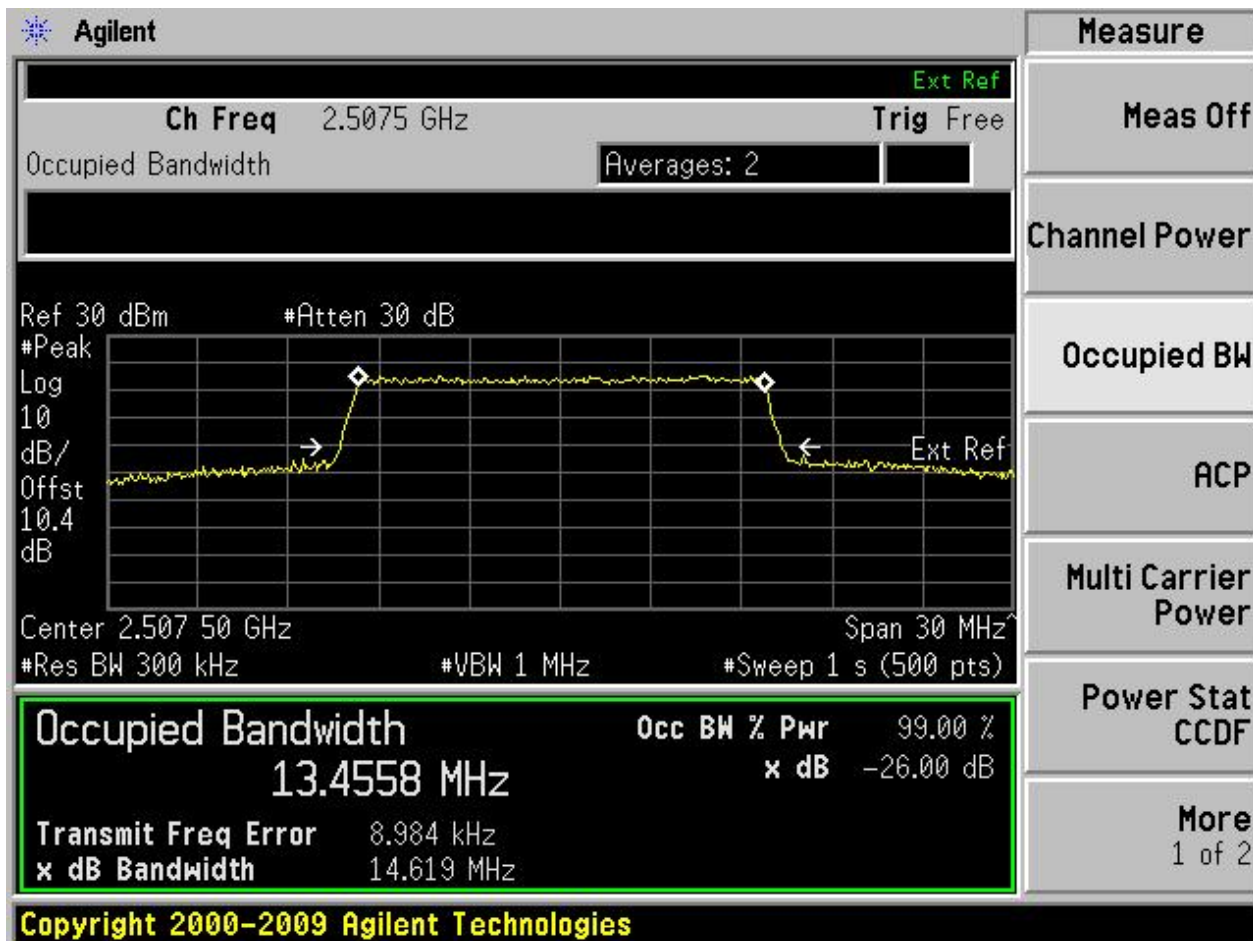
**4.18 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:21400, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)(NTNV)**



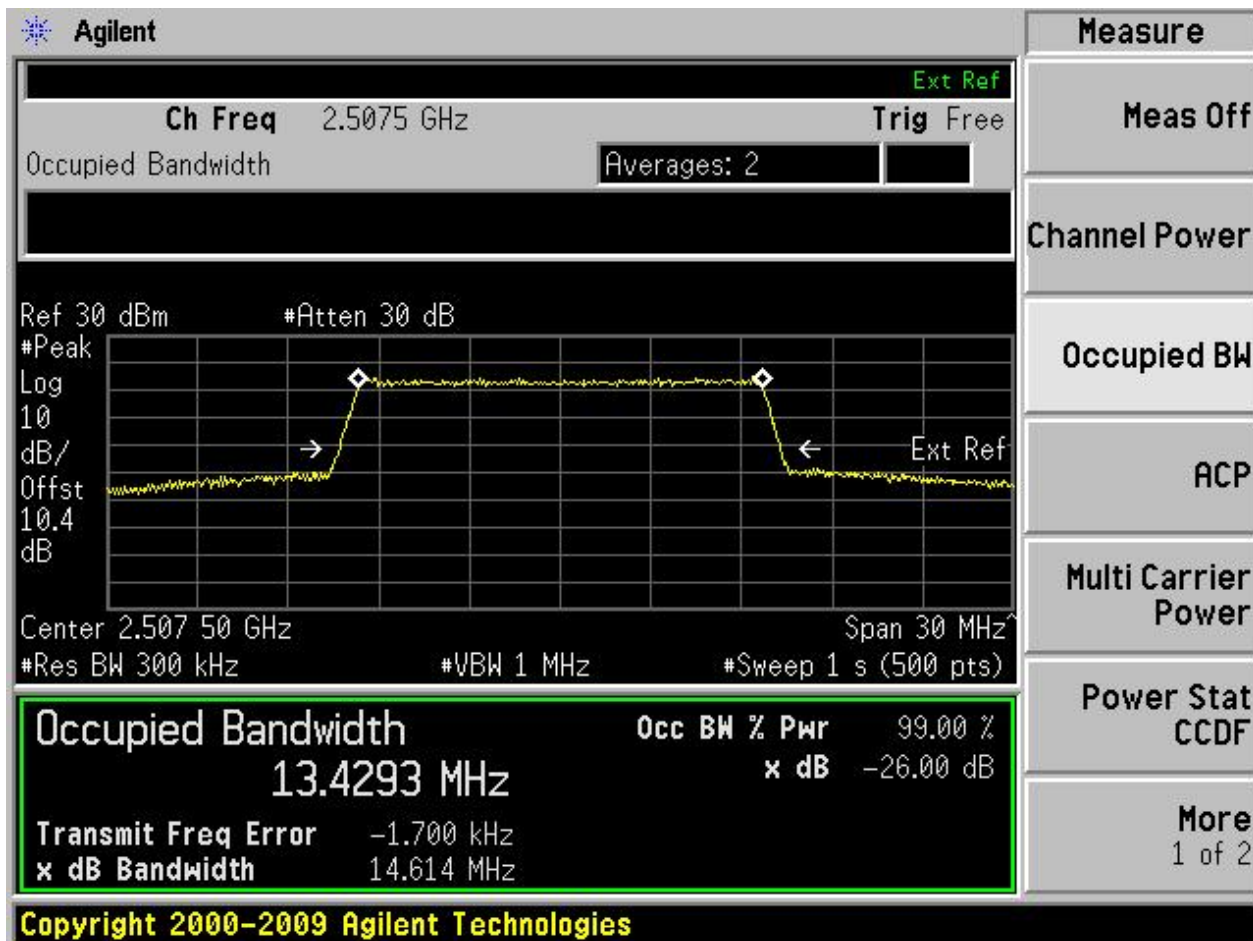
**4.19 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20825, Bandwidth:15, Modulation:QPSK, RB Number:75, RB Position:0)(NTNV)**



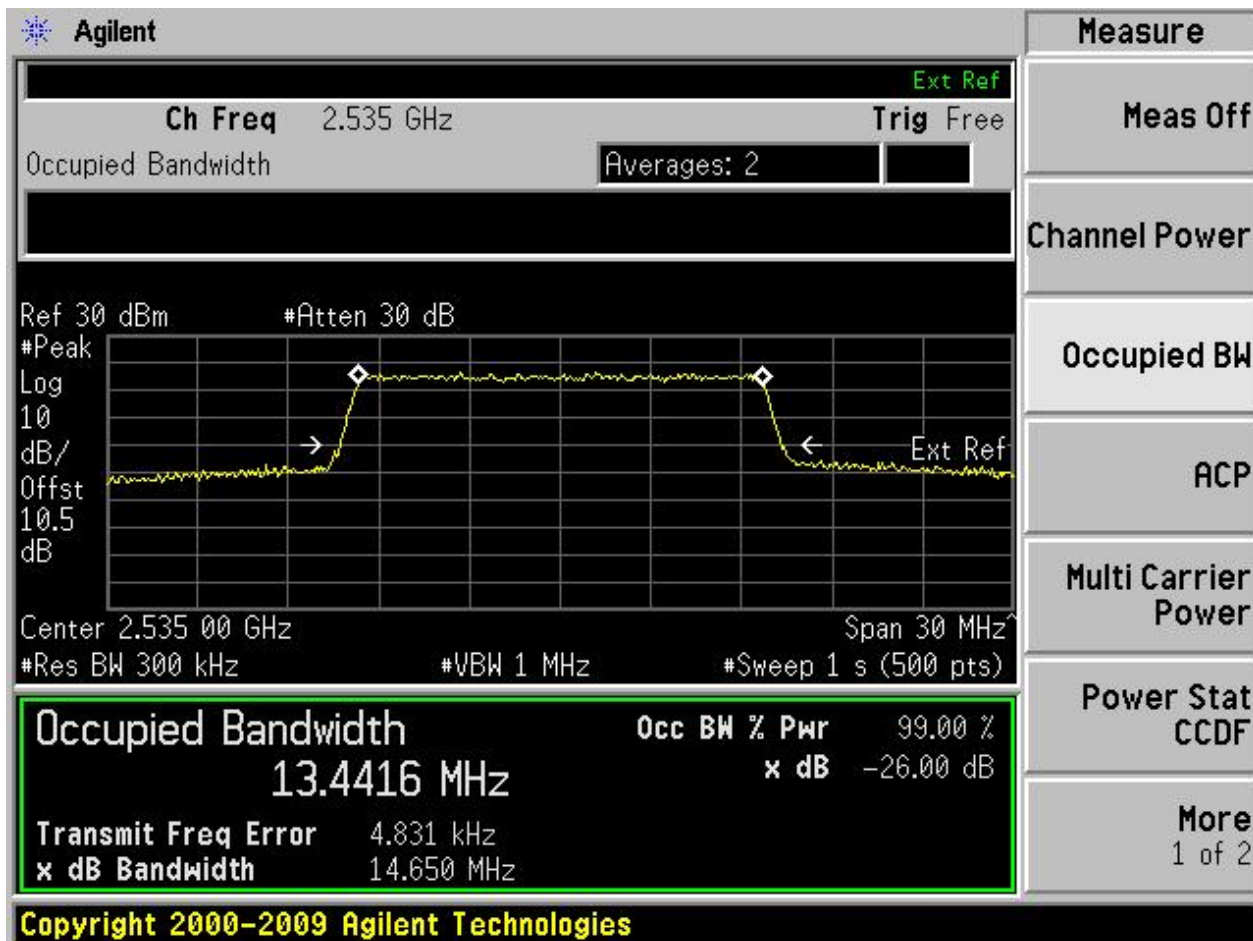
**4.20 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20825, Bandwidth:15, Modulation:16QAM, RB Number:75, RB Position:0)(NTNV)**



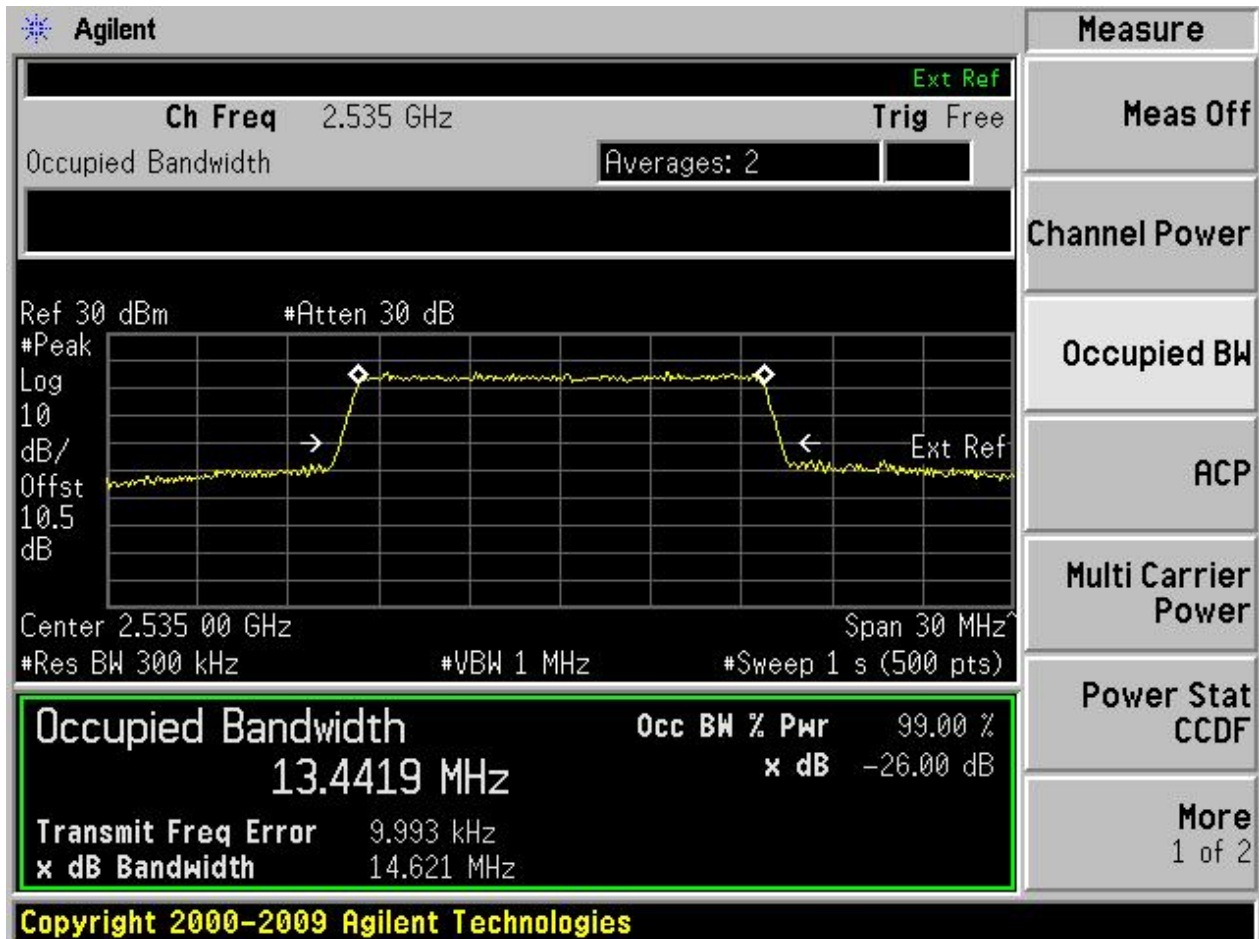
**4.21 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20825, Bandwidth:15, Modulation:64QAM, RB Number:75, RB Position:0)(NTNV)**



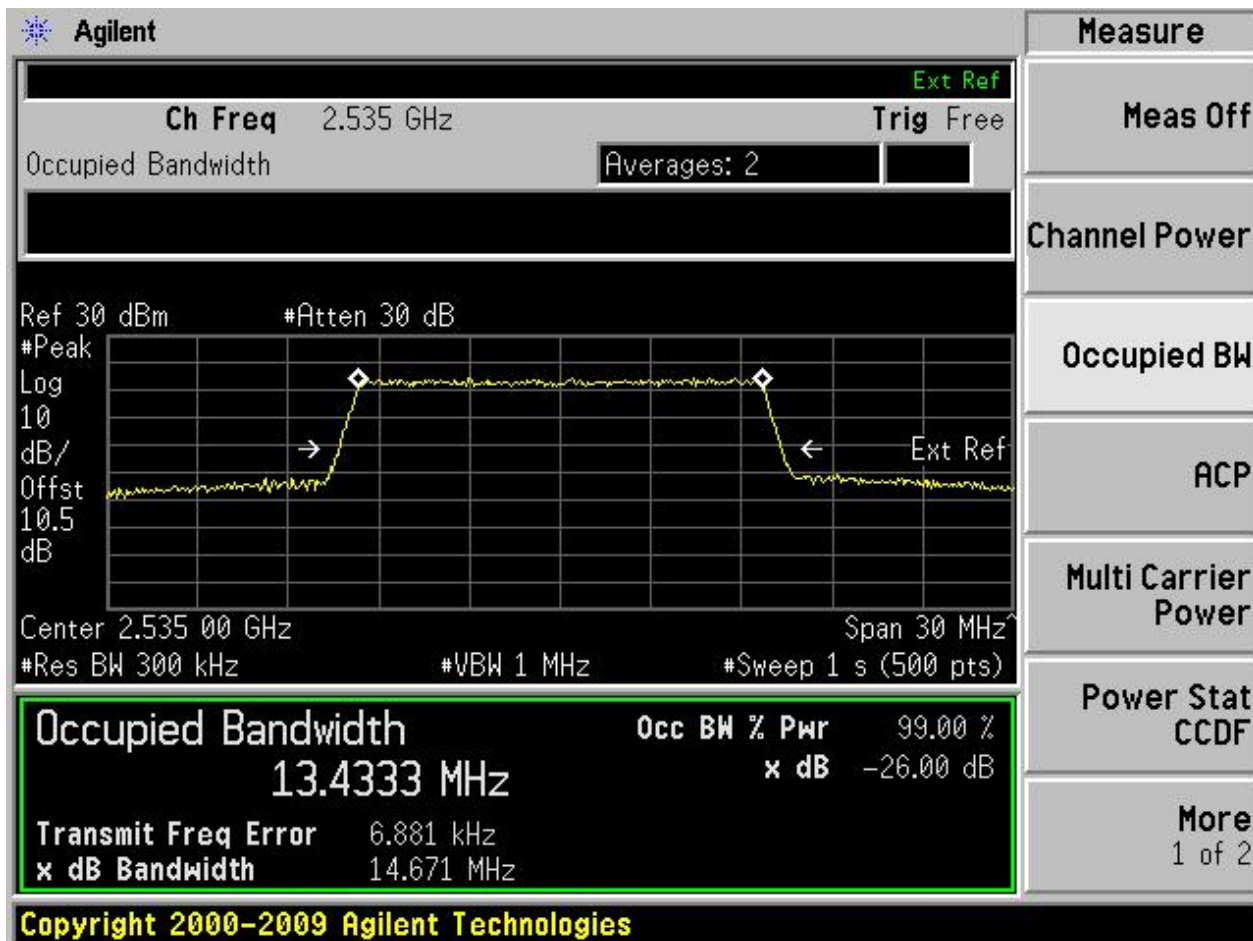
**4.22 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:21100, Bandwidth:15, Modulation:QPSK, RB Number:75, RB Position:0)(NTNV)**



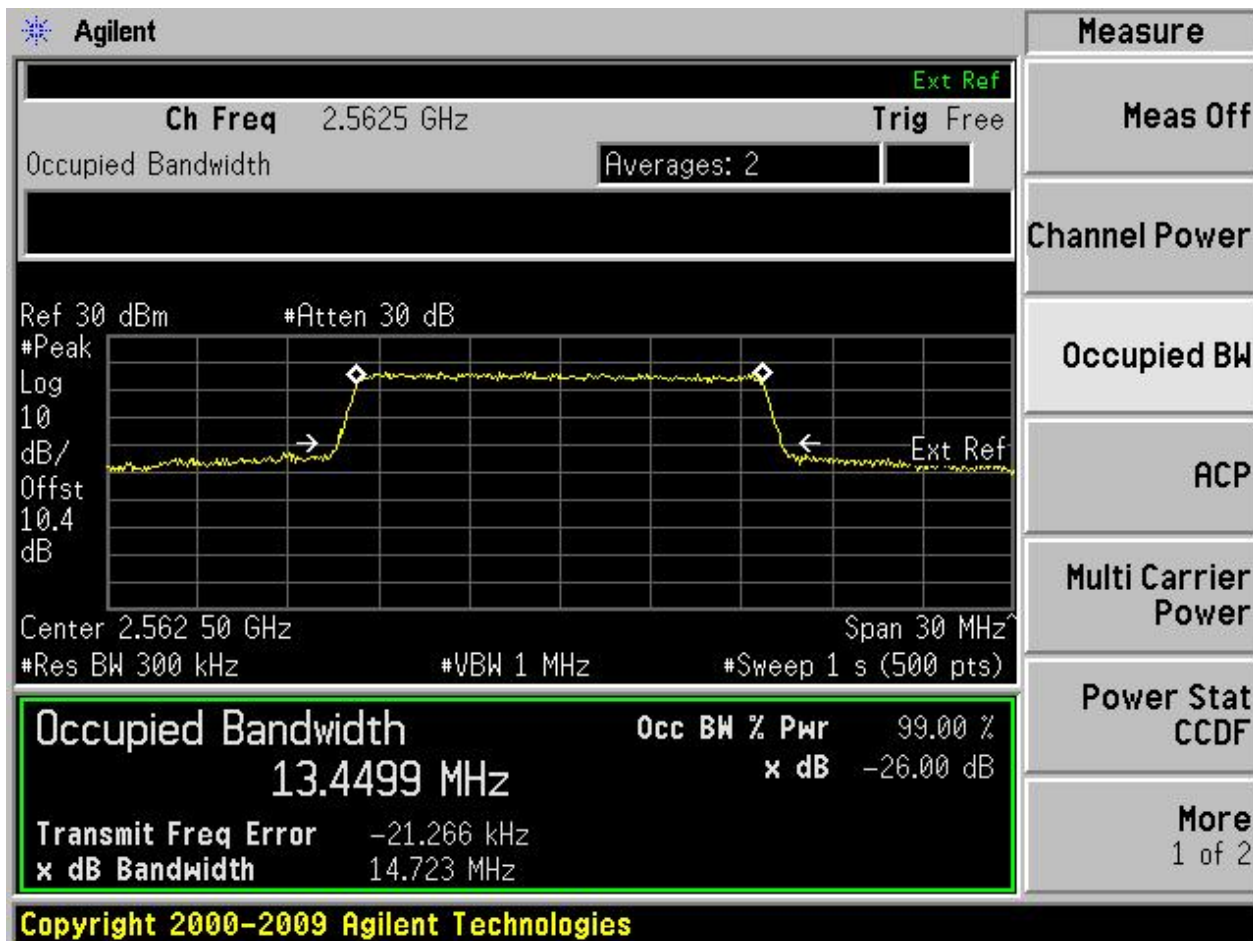
**4.23 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:21100, Bandwidth:15, Modulation:16QAM, RB Number:75, RB Position:0)(NTNV)**



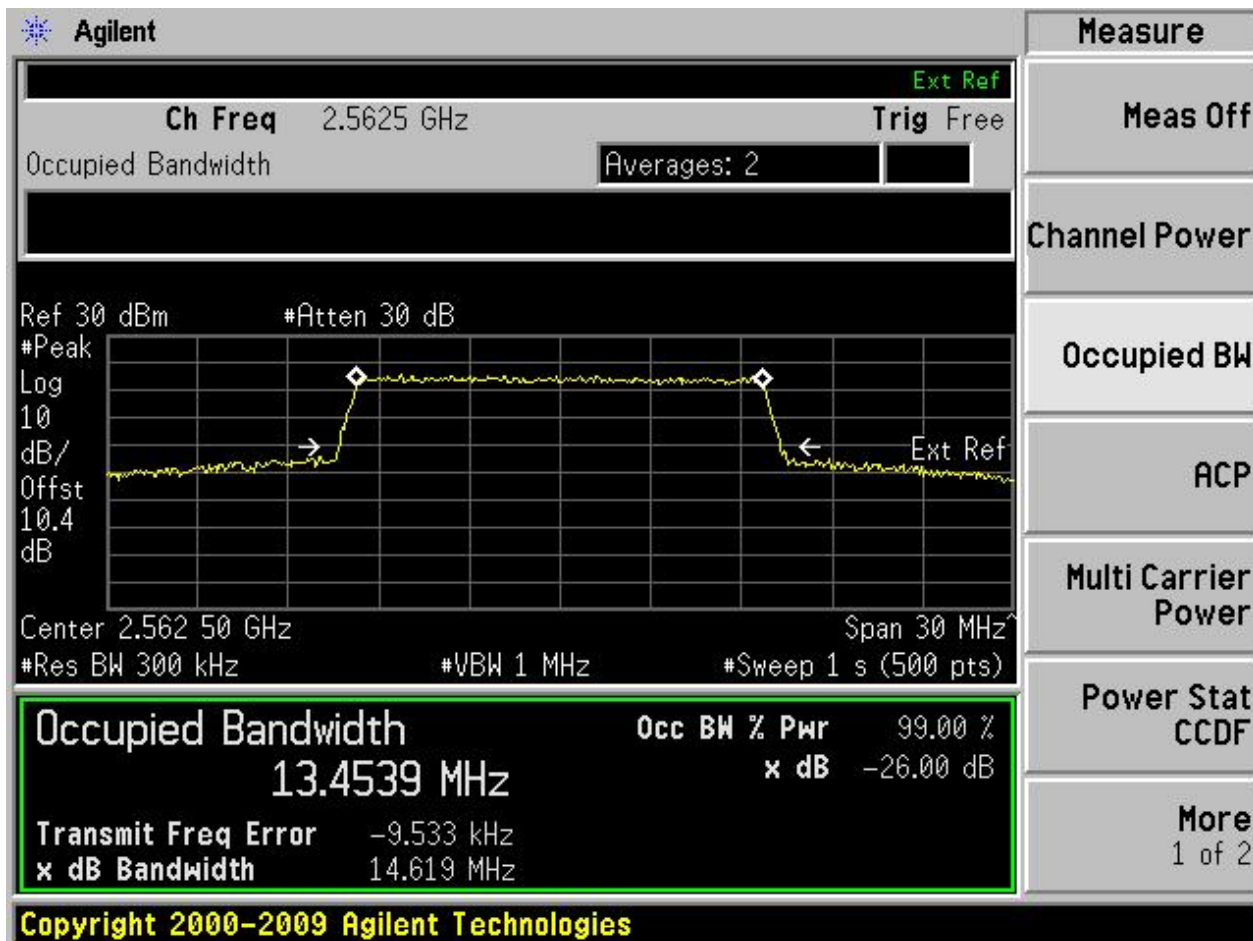
**4.24 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:21100, Bandwidth:15, Modulation:64QAM, RB Number:75, RB Position:0)(NTNV)**



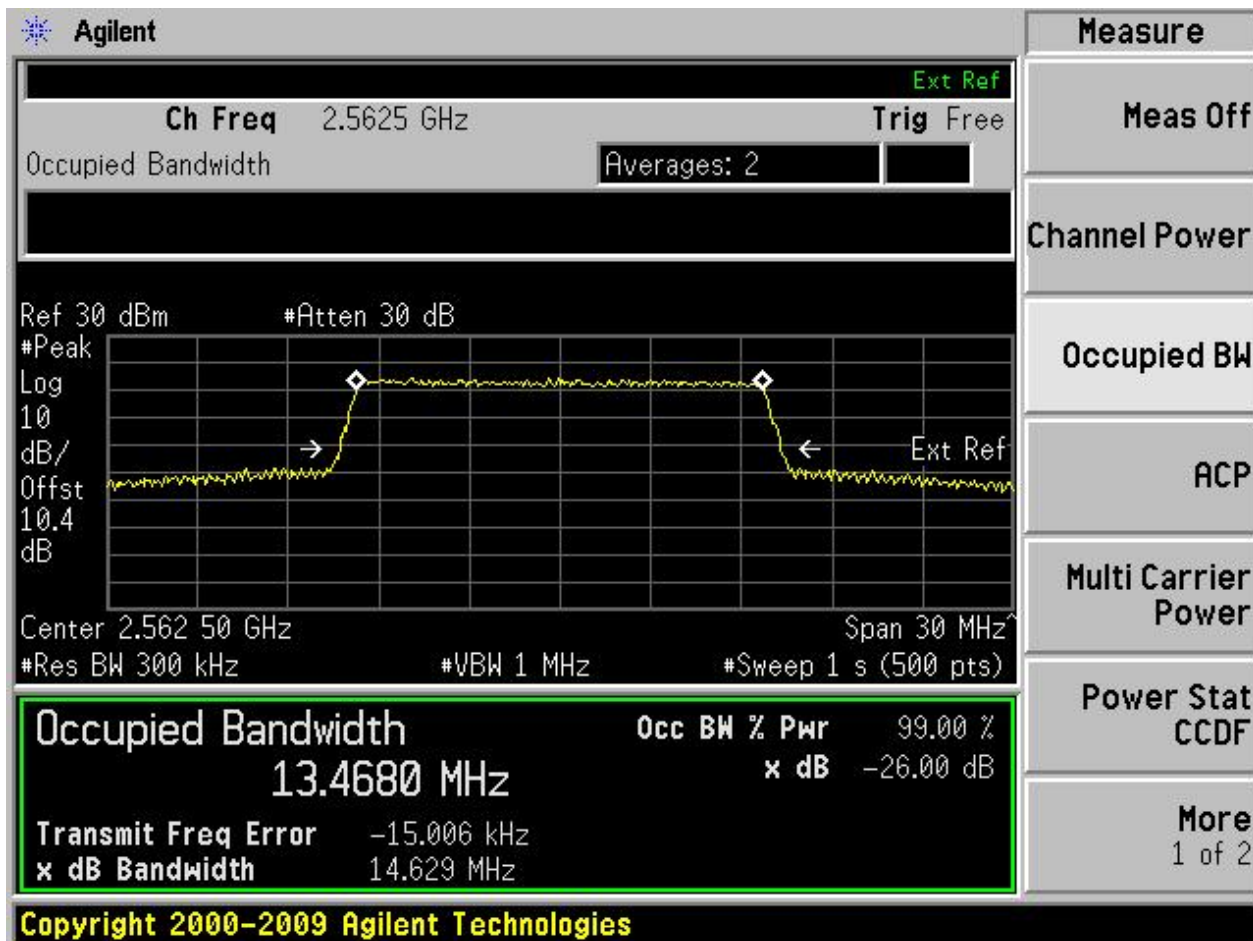
**4.25 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:21375, Bandwidth:15, Modulation:QPSK, RB Number:75, RB Position:0)(NTNV)**



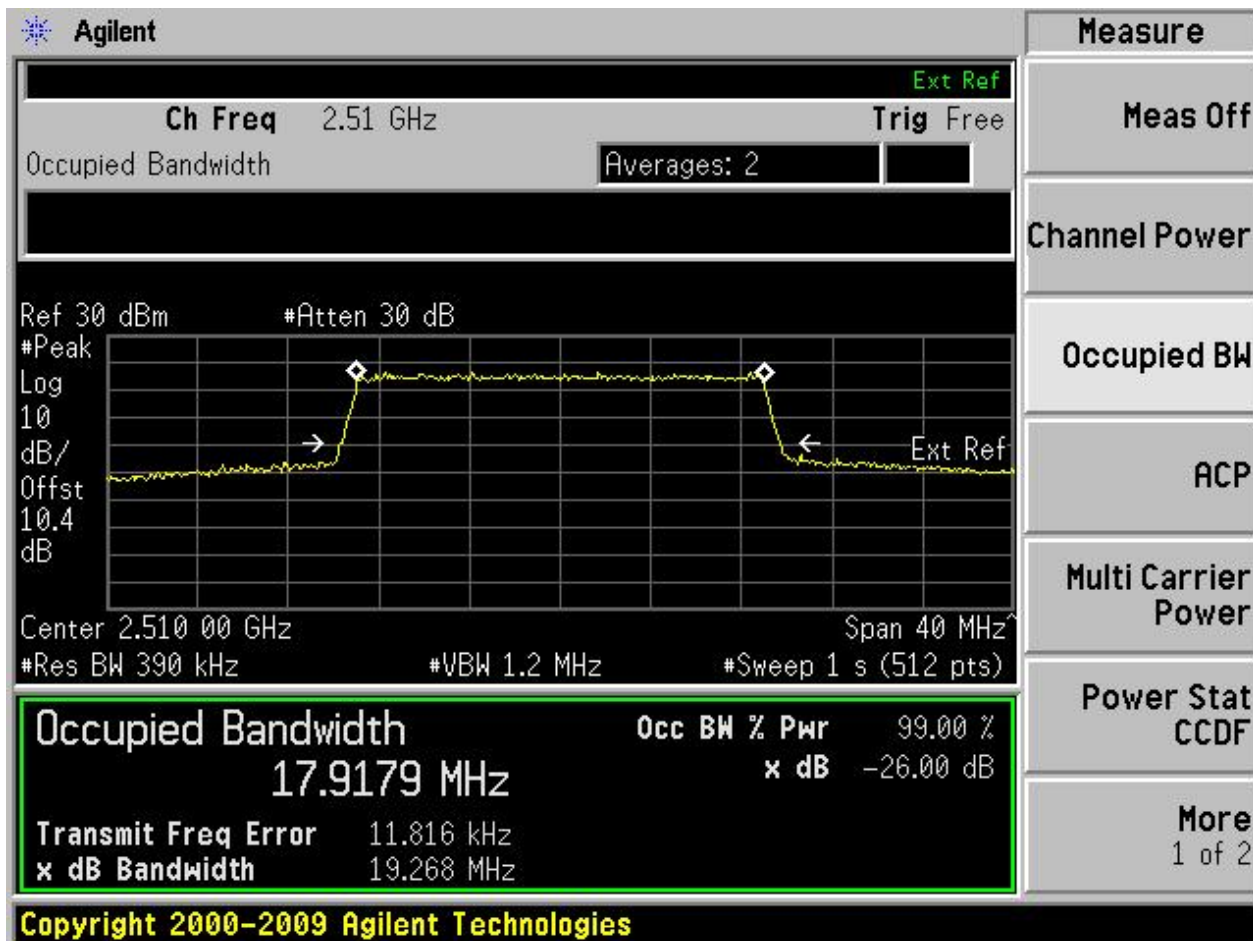
**4.26 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:21375, Bandwidth:15, Modulation:16QAM, RB Number:75, RB Position:0)(NTNV)**



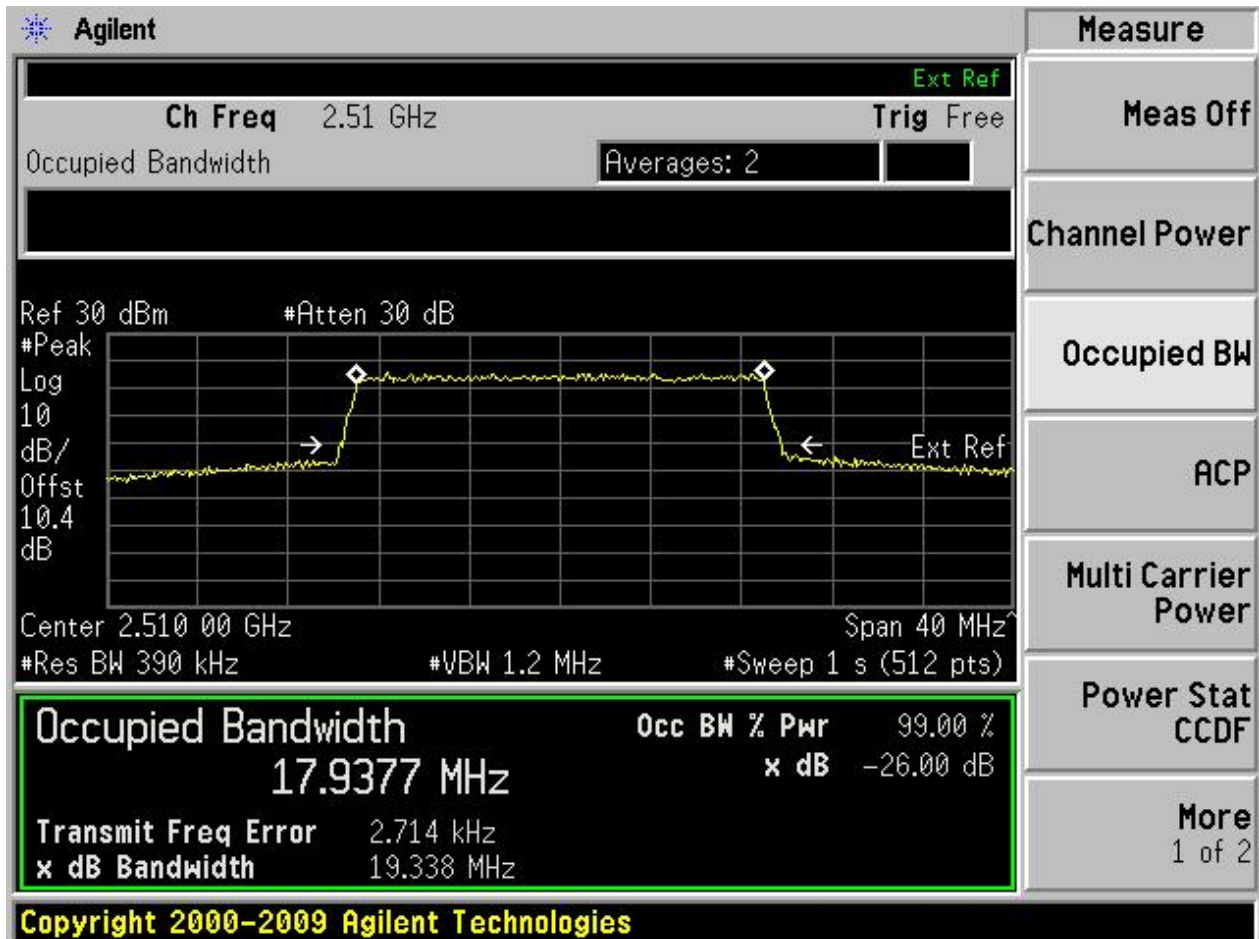
**4.27 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:21375, Bandwidth:15, Modulation:64QAM, RB Number:75, RB Position:0)(NTNV)**



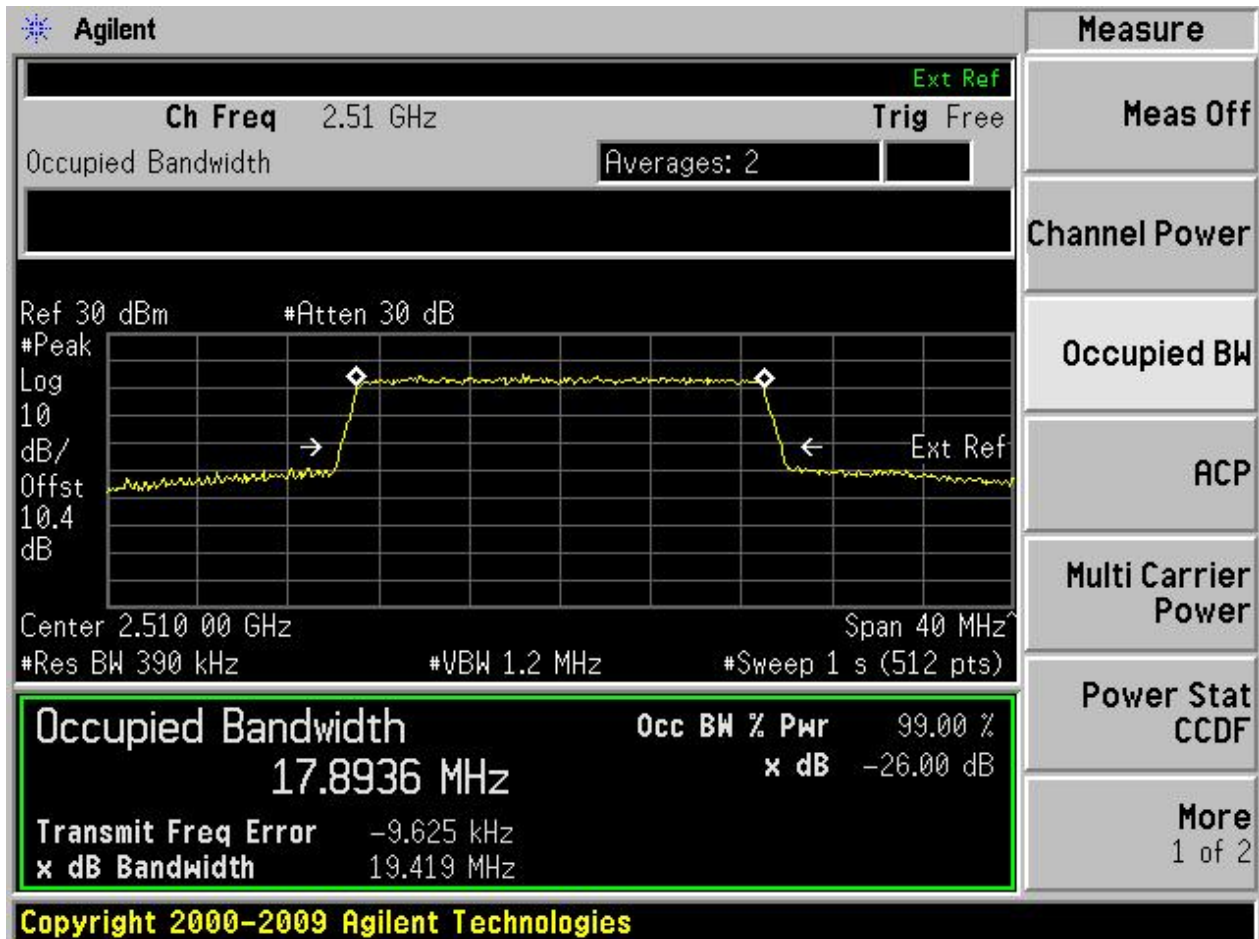
**4.28 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)(NTNV)**



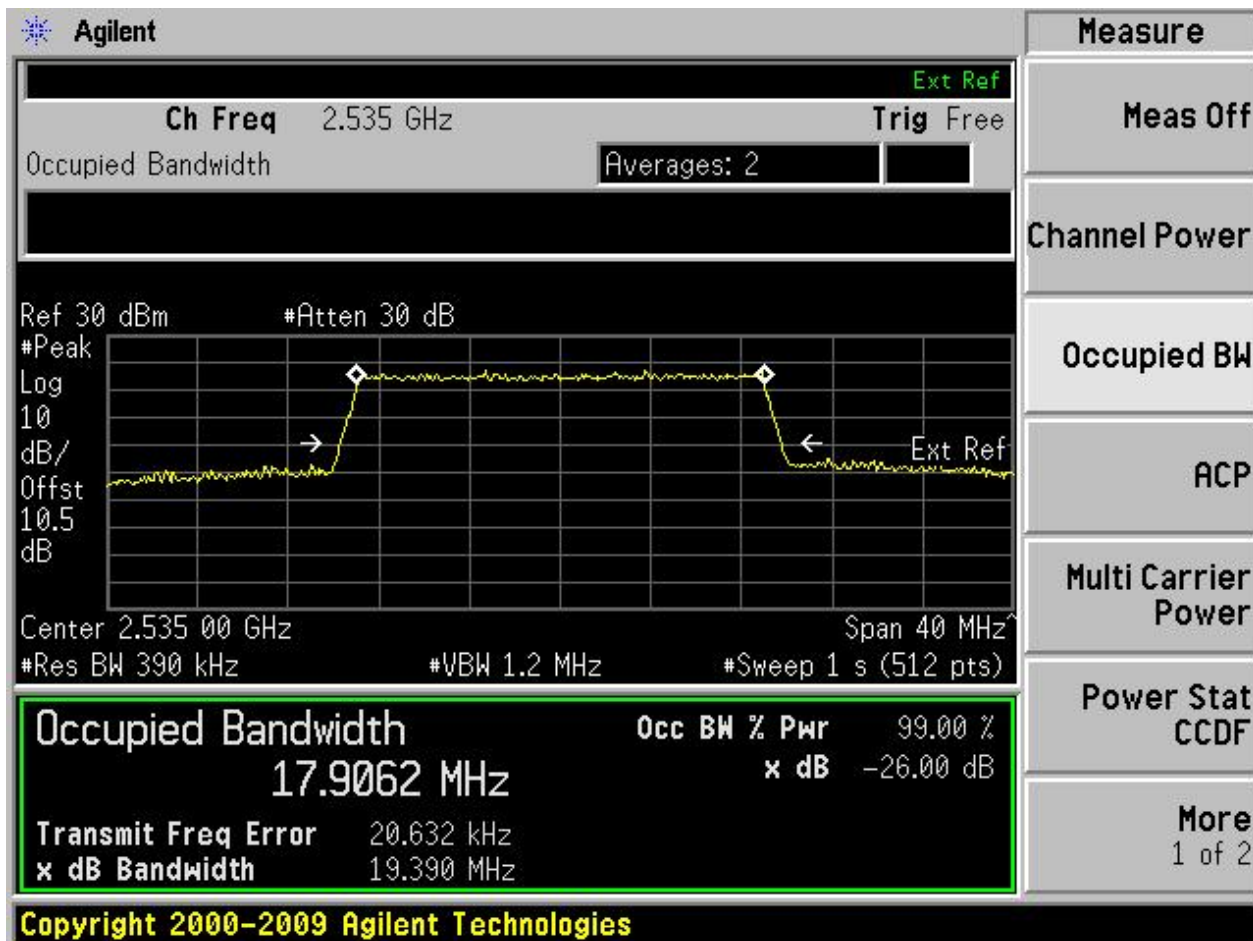
**4.29 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20850, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)(NTNV)**



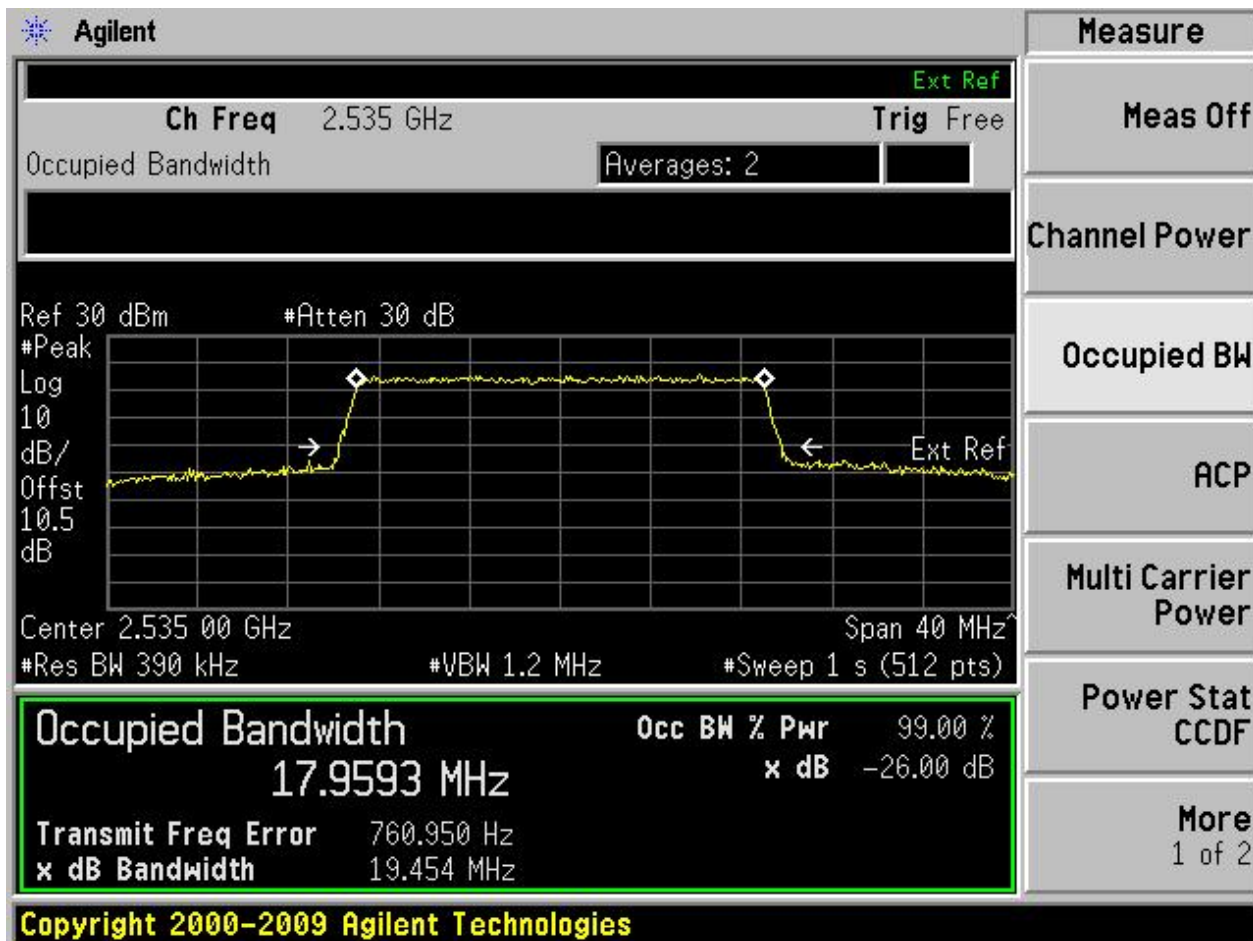
**4.30 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:20850, Bandwidth:20, Modulation:64QAM, RB Number:100, RB Position:0)(NTNV)**



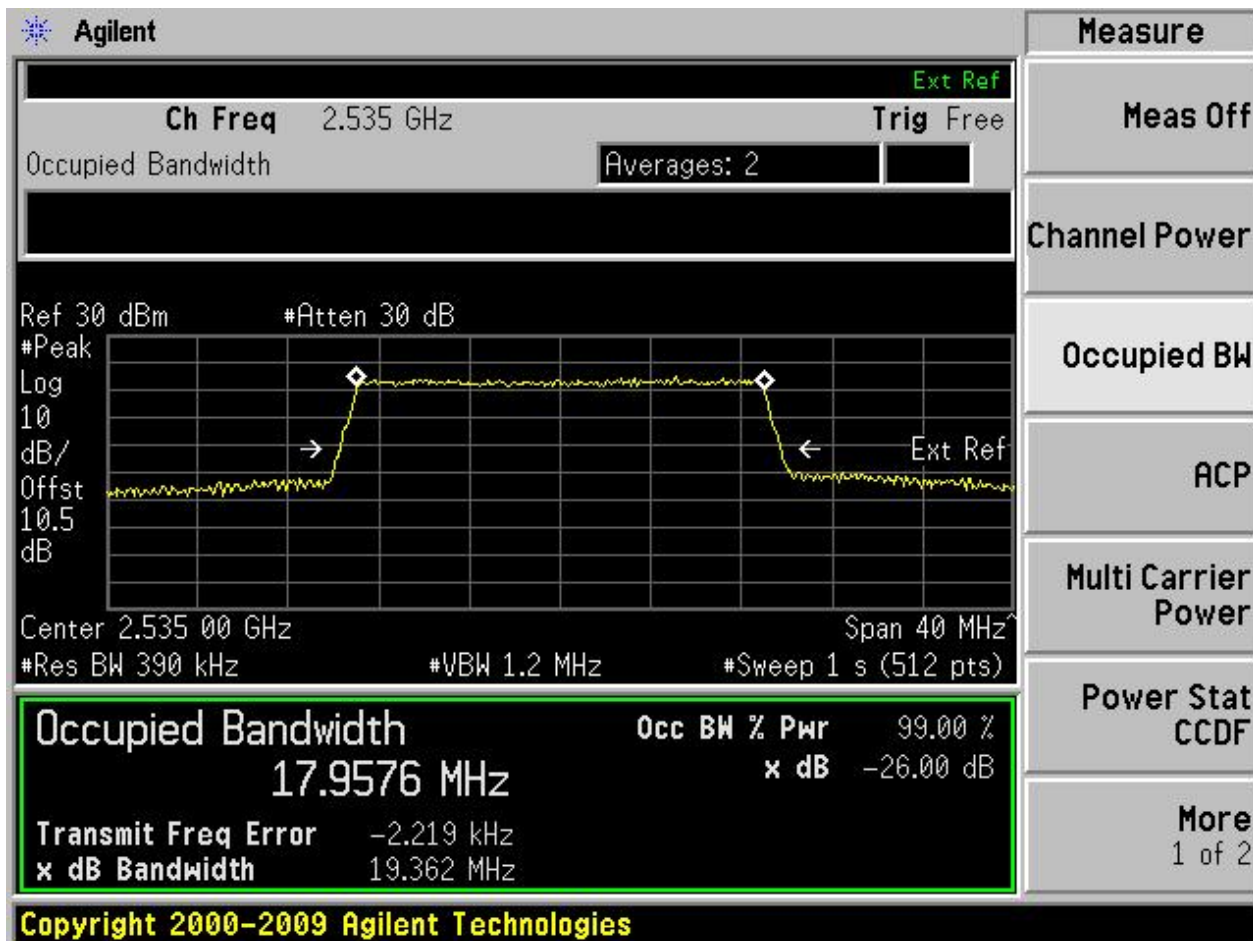
**4.31 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)(NTNV)**



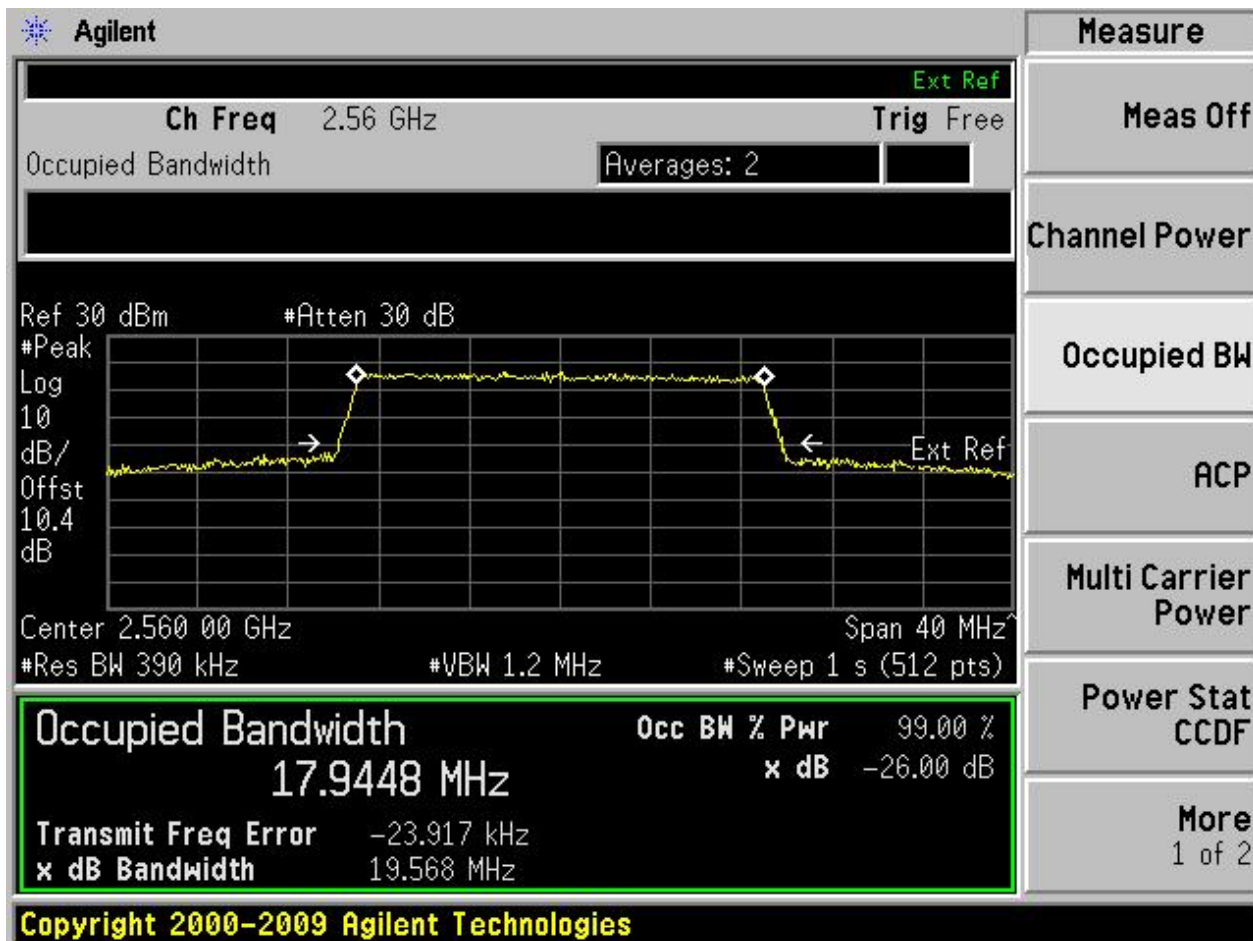
**4.32 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:21100, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)(NTNV)**



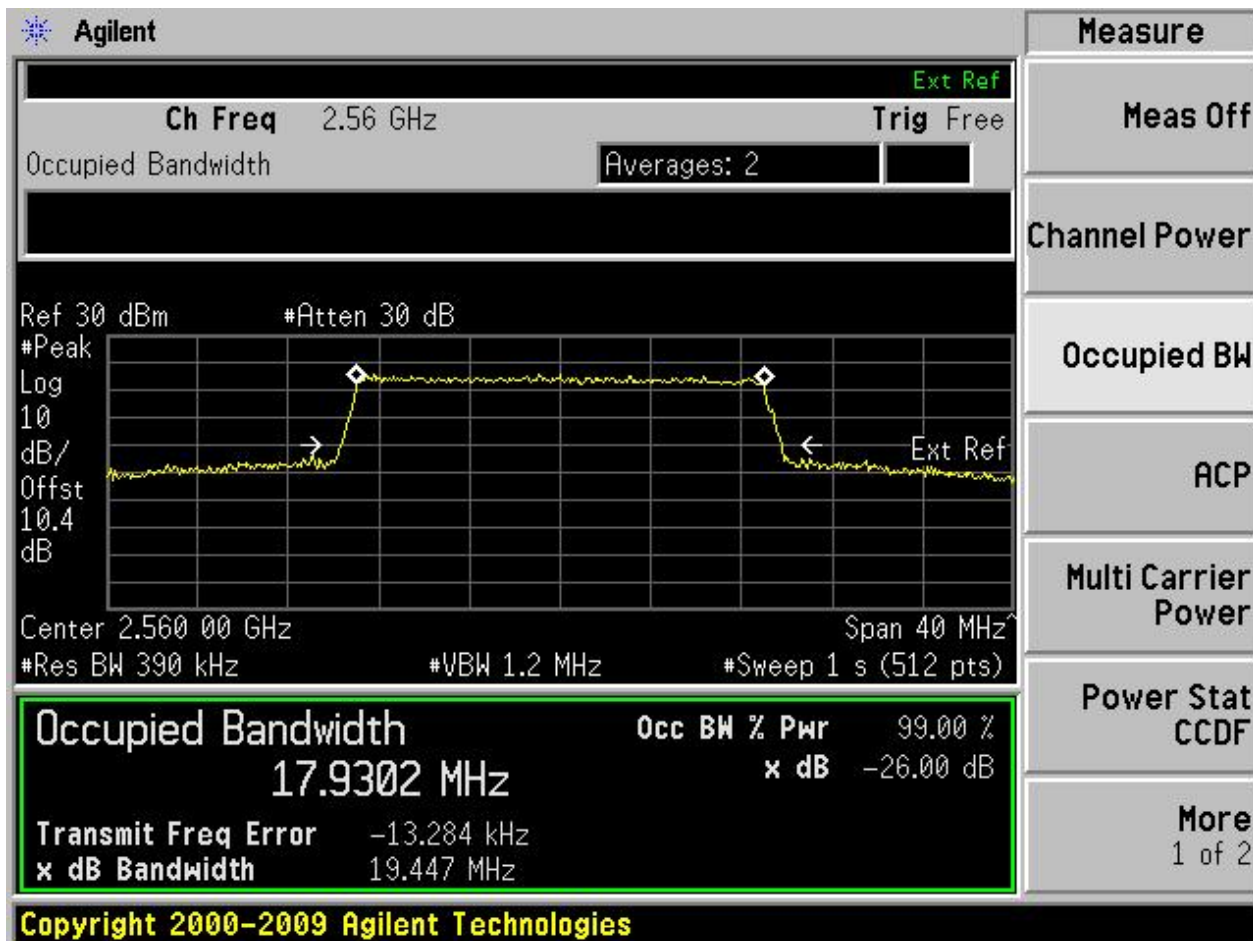
**4.33 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:21100, Bandwidth:20, Modulation:64QAM, RB Number:100, RB Position:0)(NTNV)**



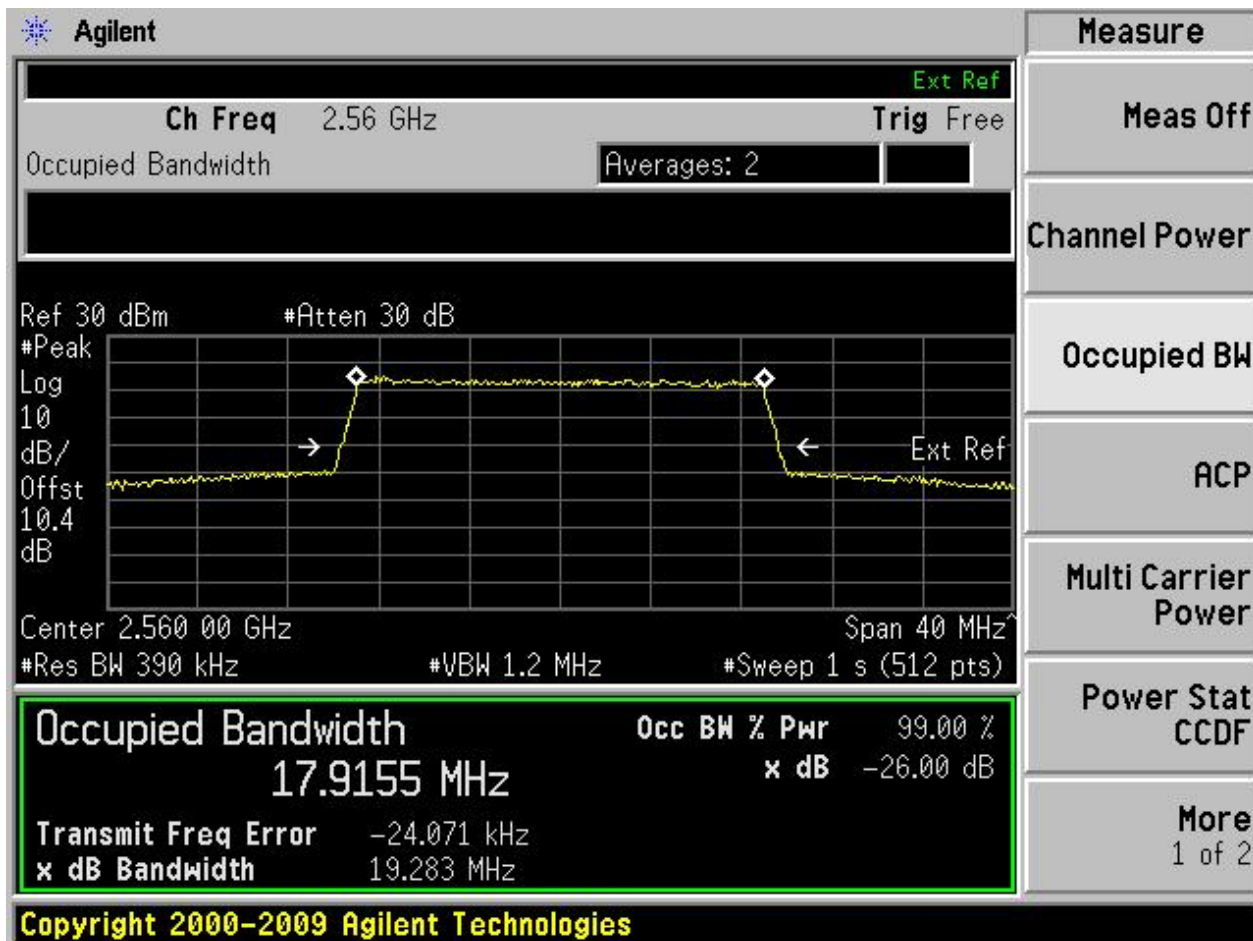
**4.34 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)(NTNV)**



**4.35 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:21350, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)(NTNV)**

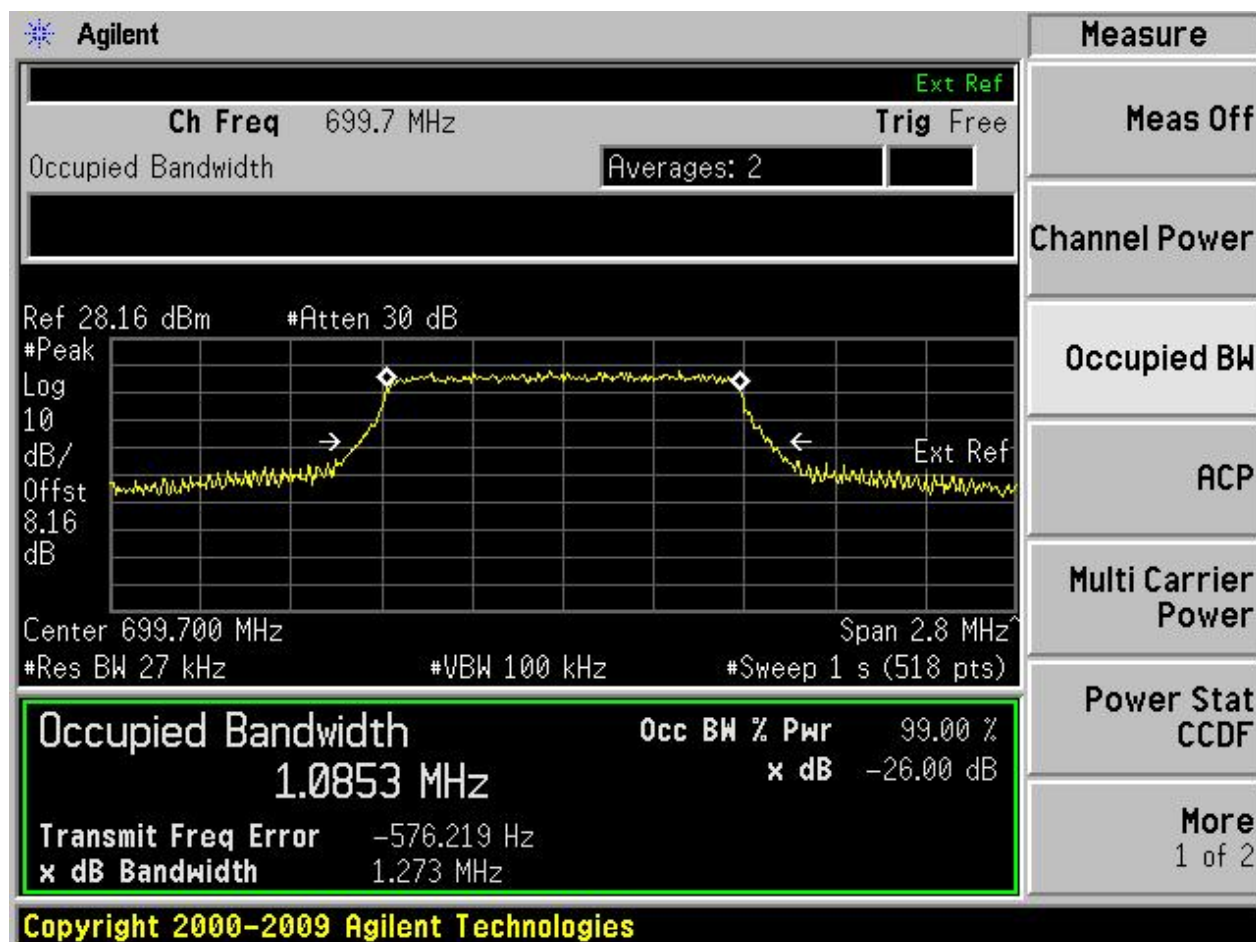


**4.36 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:21350, Bandwidth:20, Modulation:64QAM, RB Number:100, RB Position:0)(NTNV)**

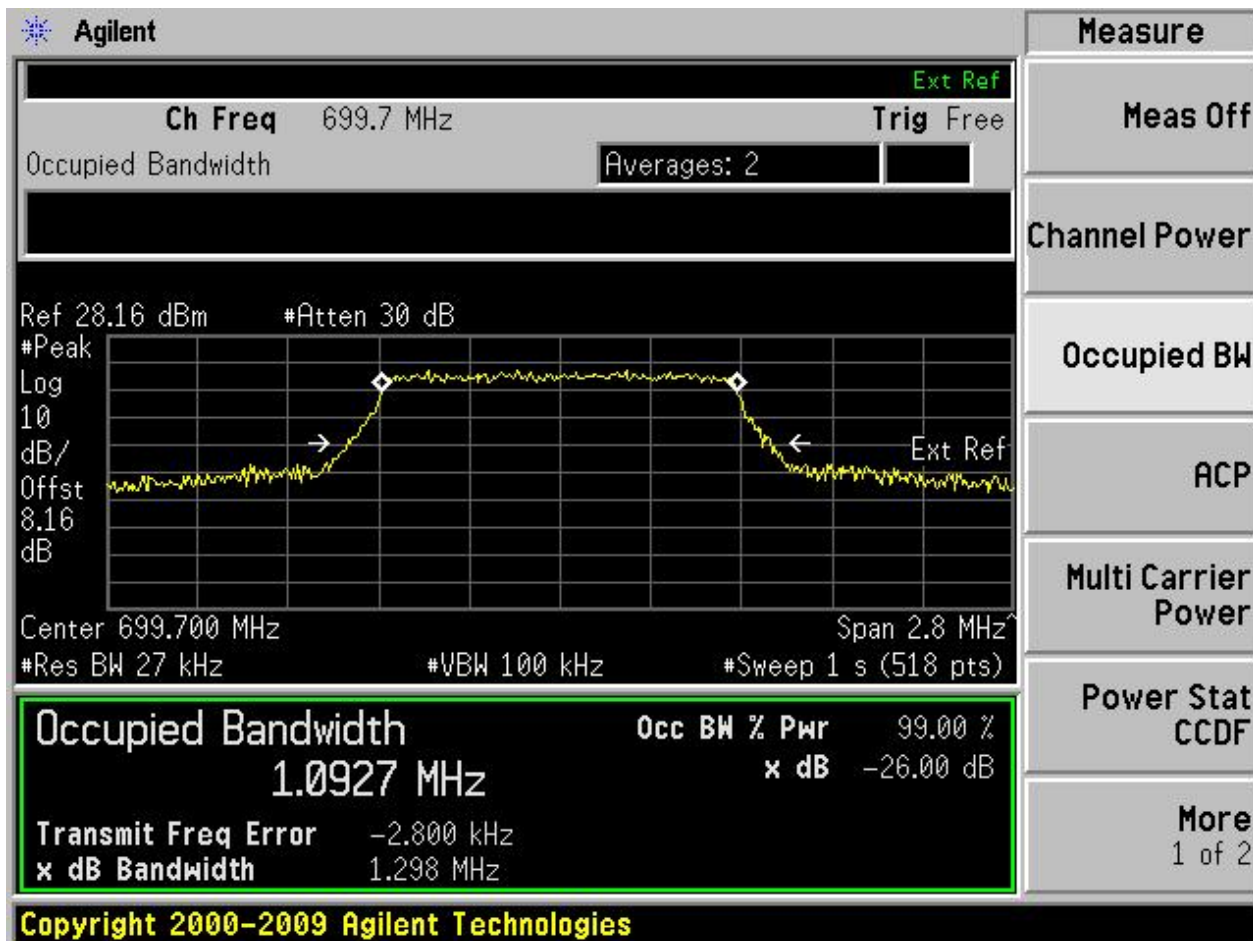


## 5. LTE\_Band12

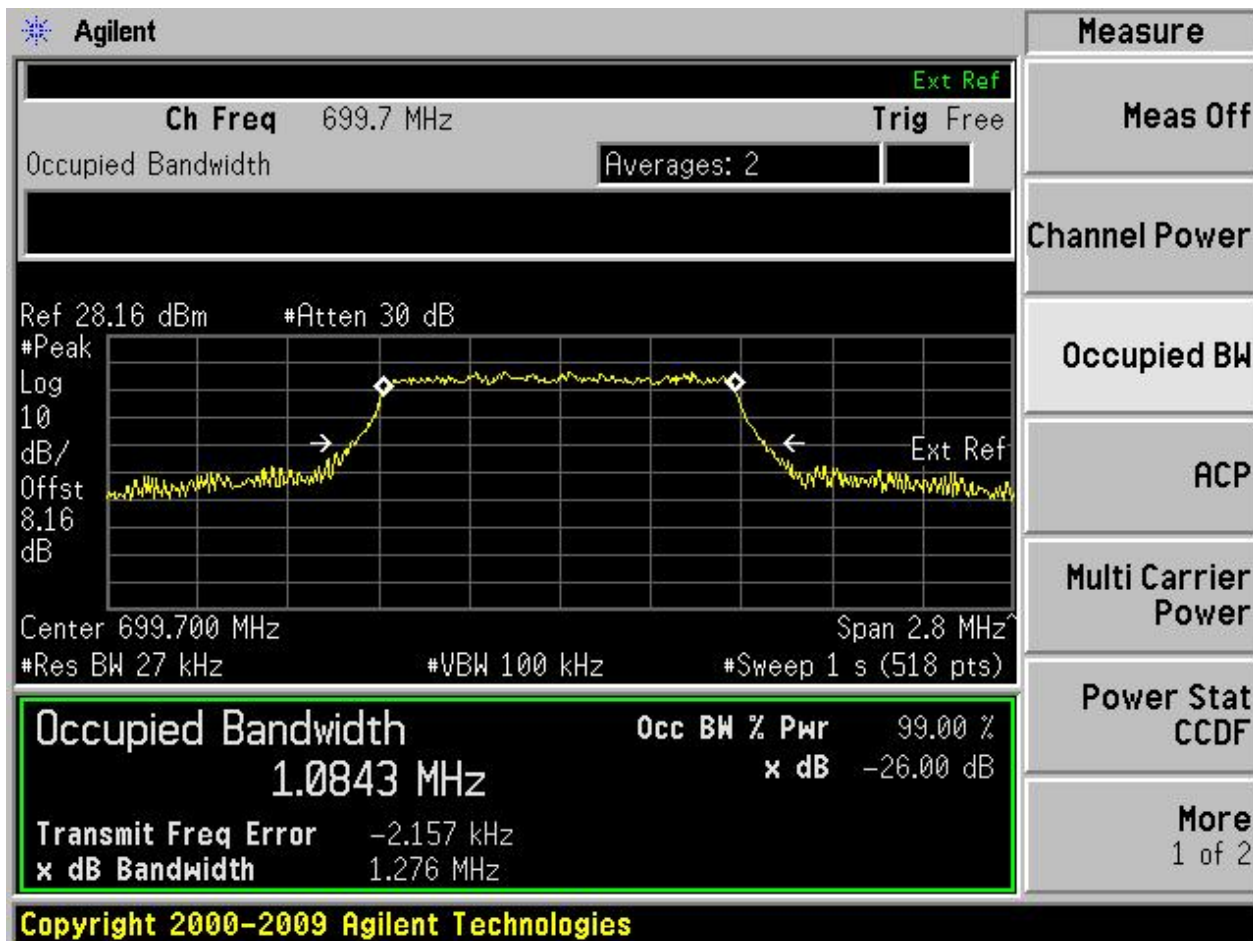
### 5.1 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:23017, Bandwidth:1.4, Modulation:QPSK, RB Number:6, RB Position:0)(NTNV)



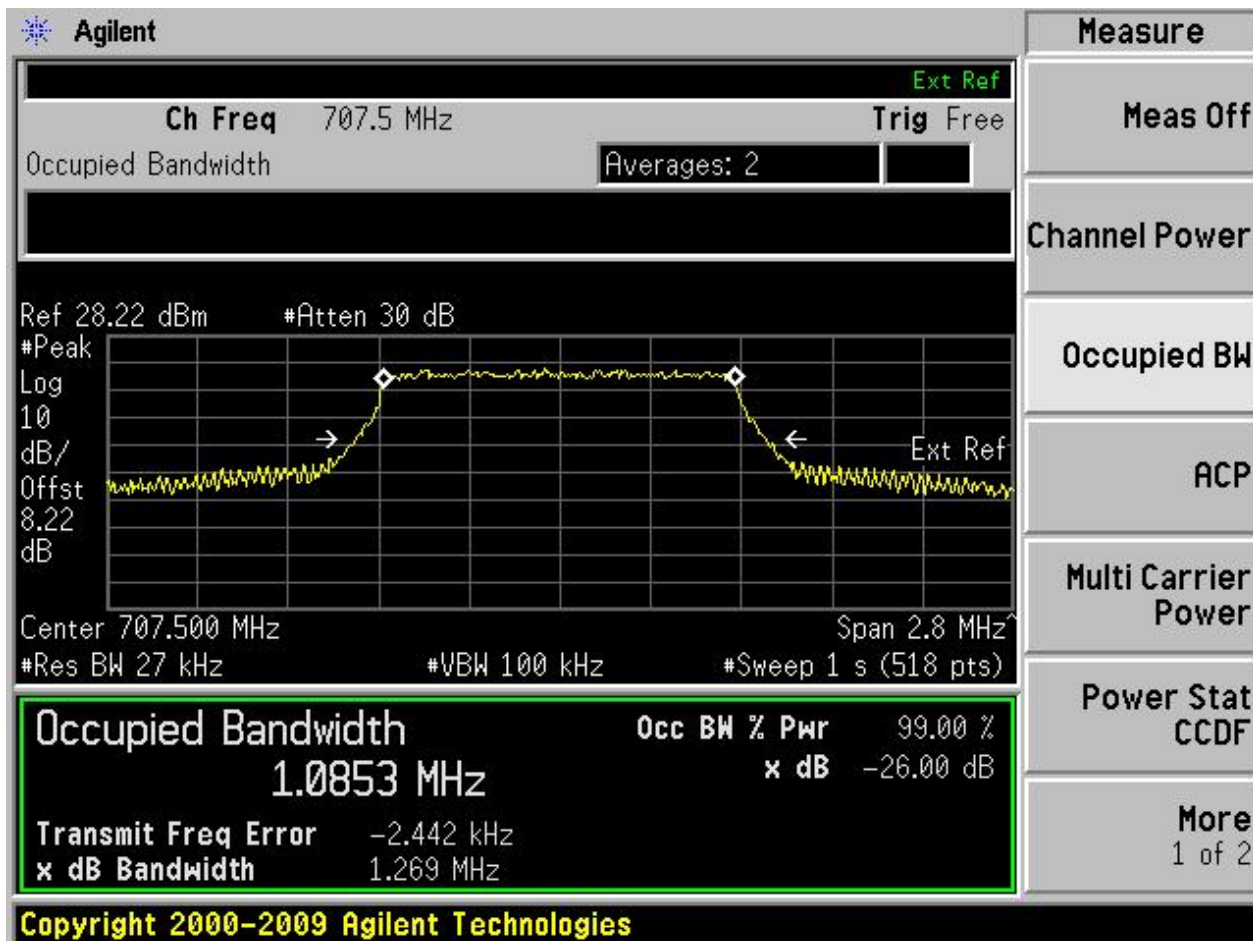
**5.2 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:23017, Bandwidth:1.4, Modulation:16QAM, RB Number:6, RB Position:0)(NTNV)**



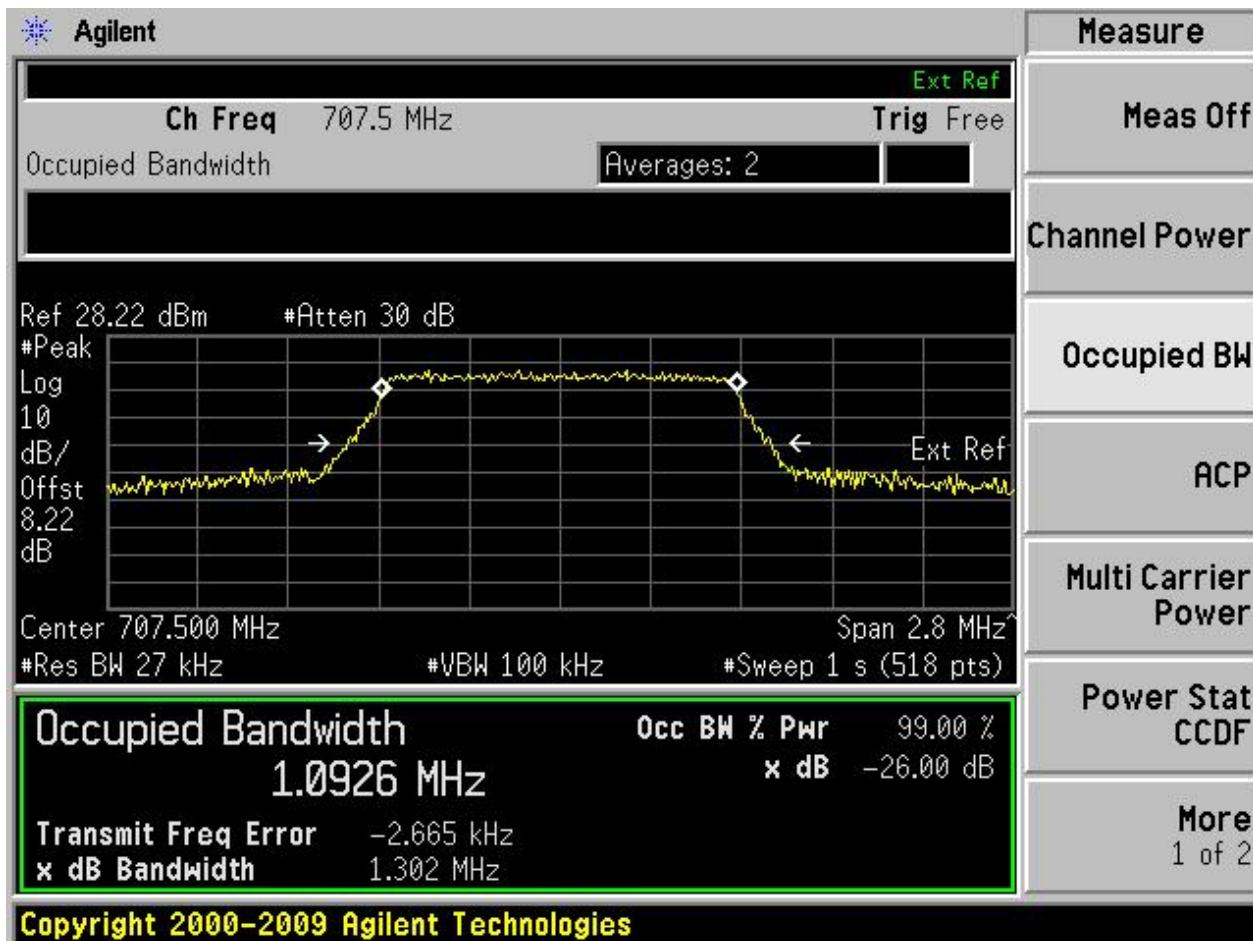
**5.3 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:23017, Bandwidth:1.4, Modulation:64QAM, RB Number:6, RB Position:0)(NTNV)**



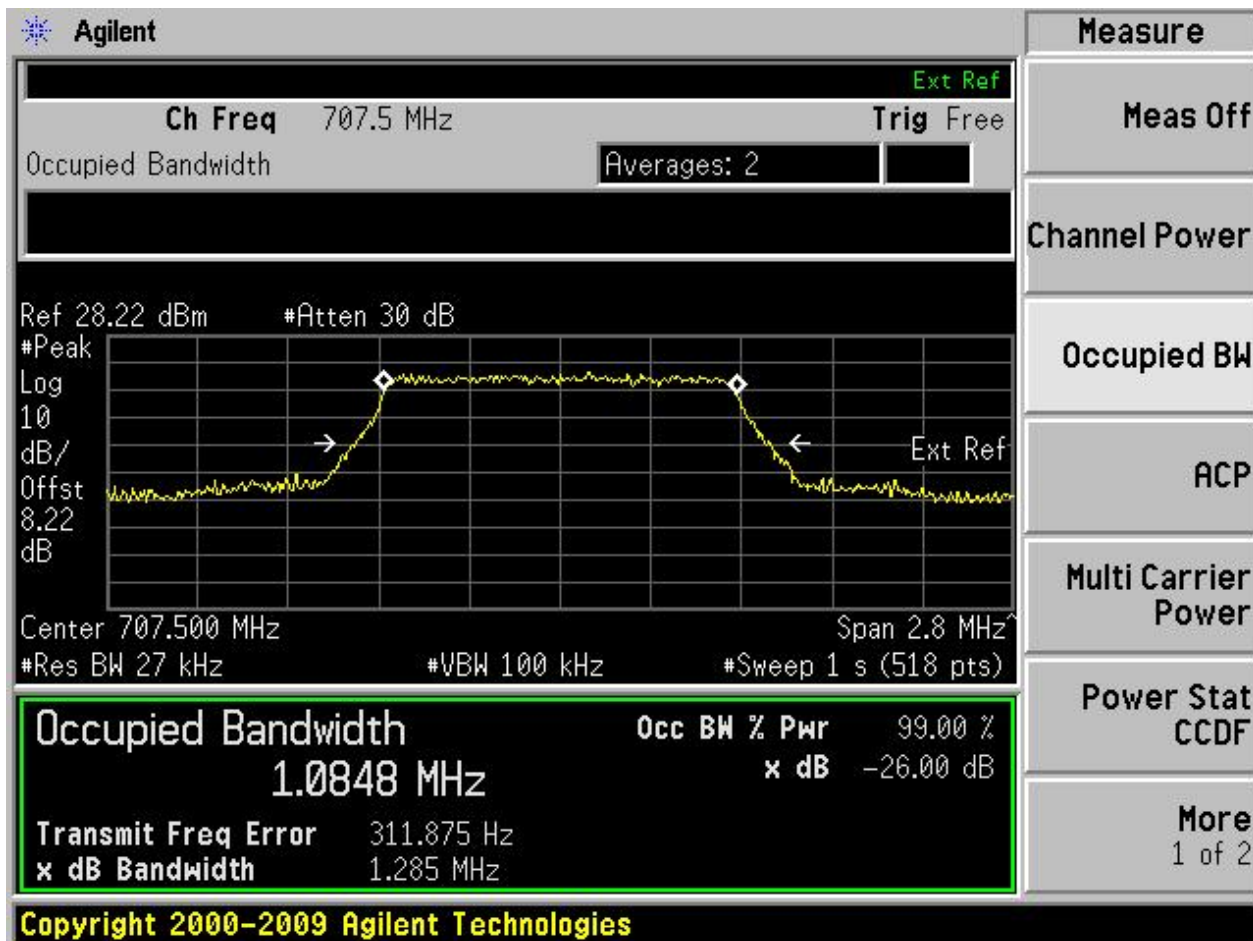
**5.4 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:23095, Bandwidth:1.4, Modulation:QPSK, RB Number:6, RB Position:0)(NTNV)**



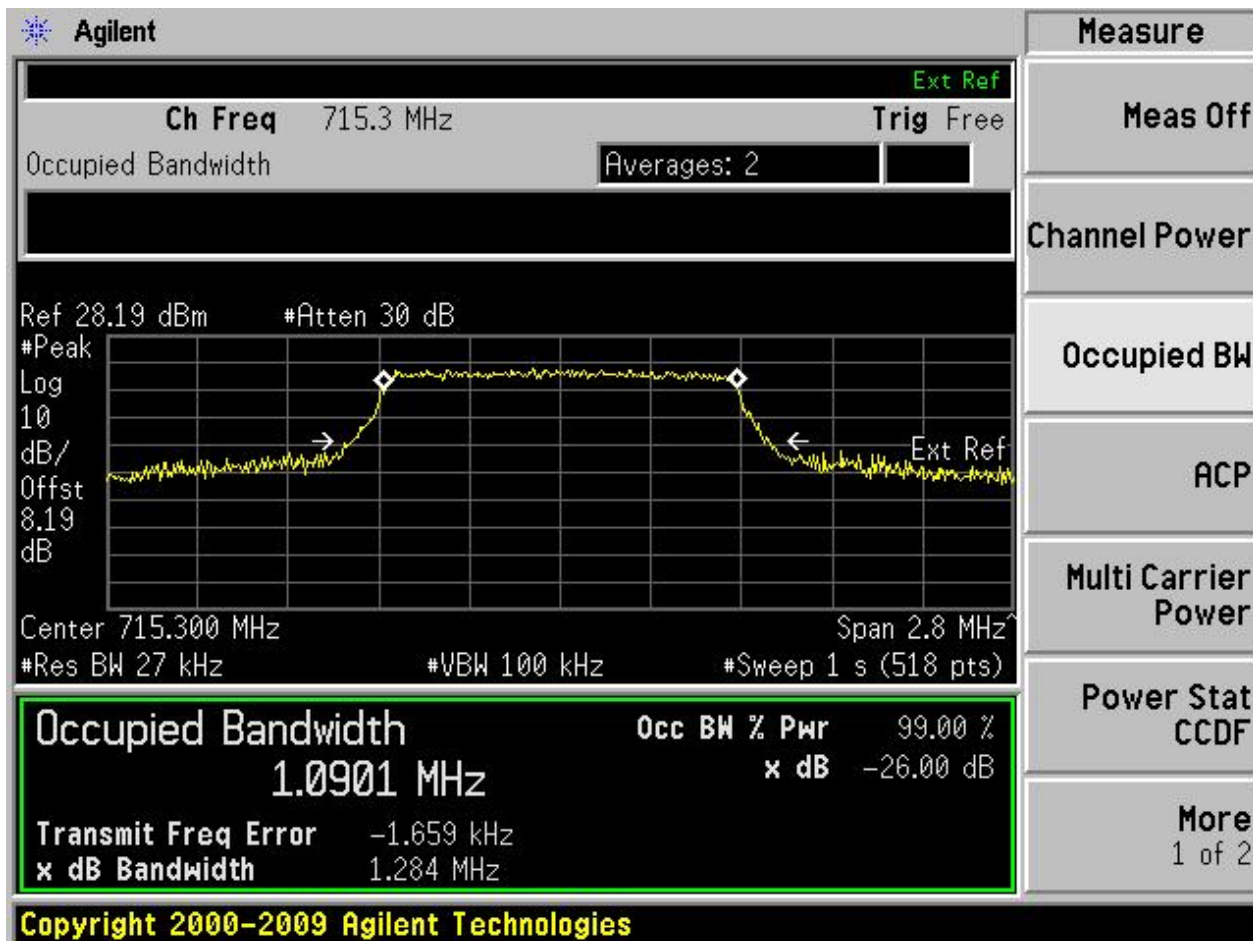
**5.5 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:23095, Bandwidth:1.4, Modulation:16QAM, RB Number:6, RB Position:0)(NTNV)**



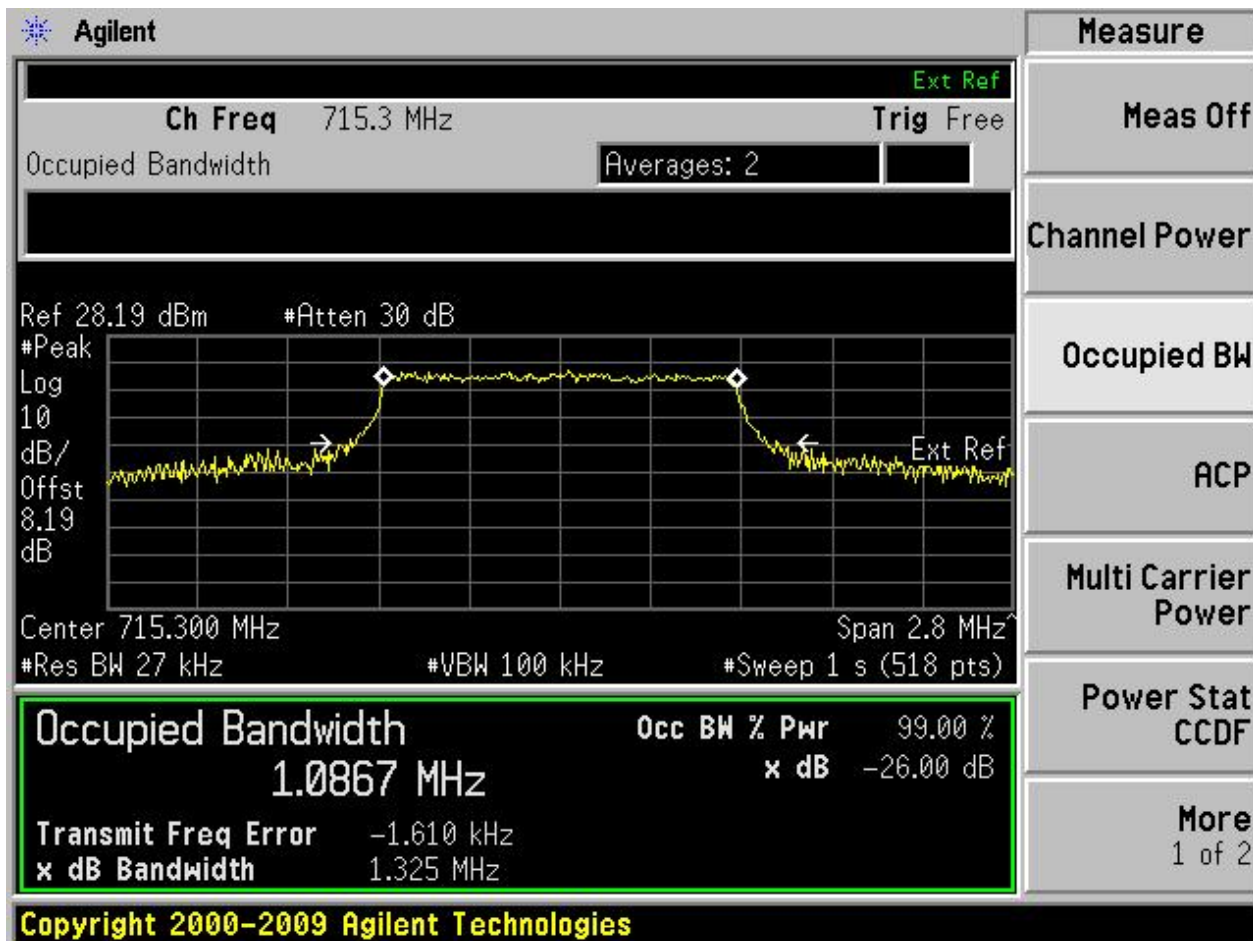
**5.6 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:23095, Bandwidth:1.4, Modulation:64QAM, RB Number:6, RB Position:0)(NTNV)**



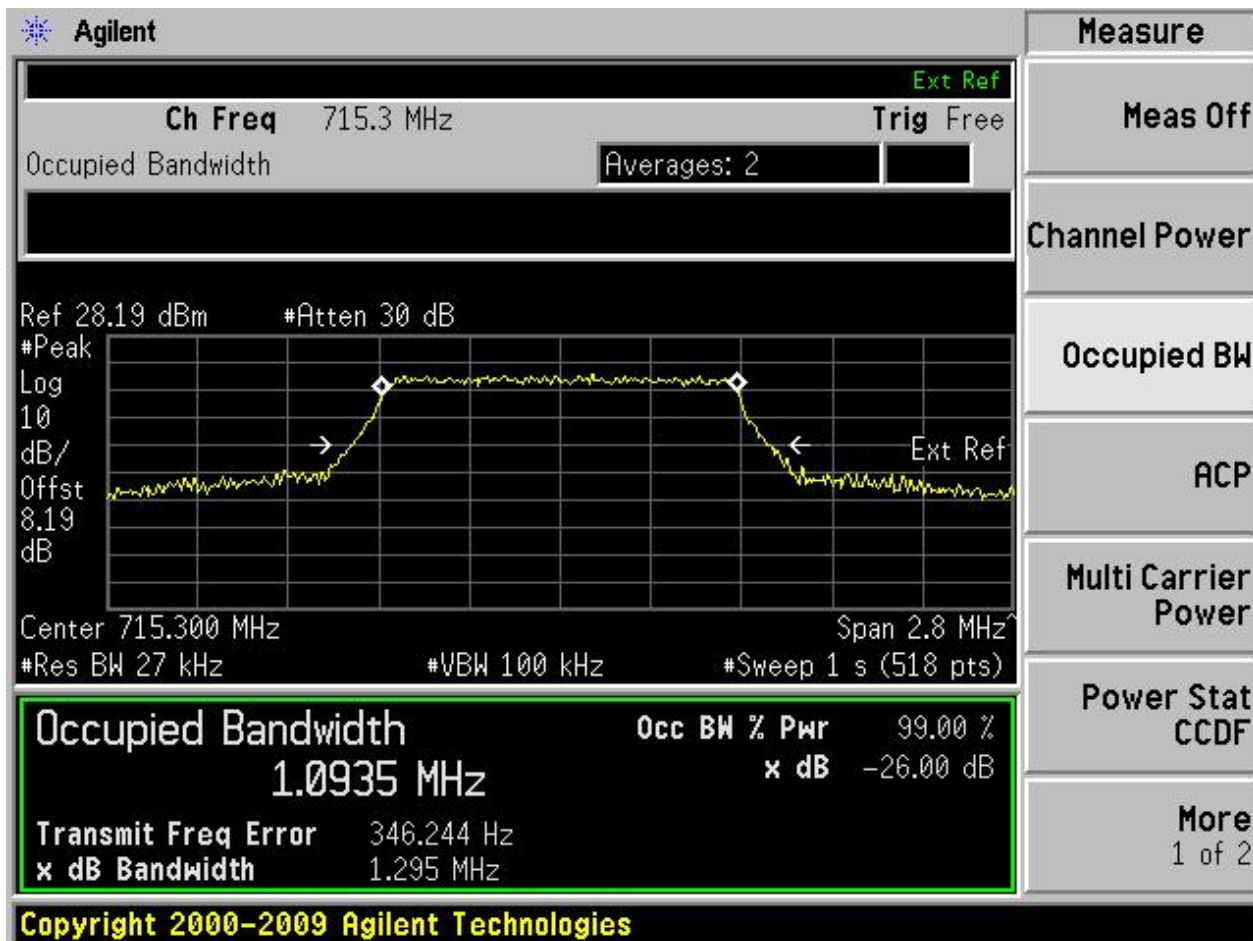
**5.7 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:23173, Bandwidth:1.4, Modulation:QPSK, RB Number:6, RB Position:0)(NTNV)**



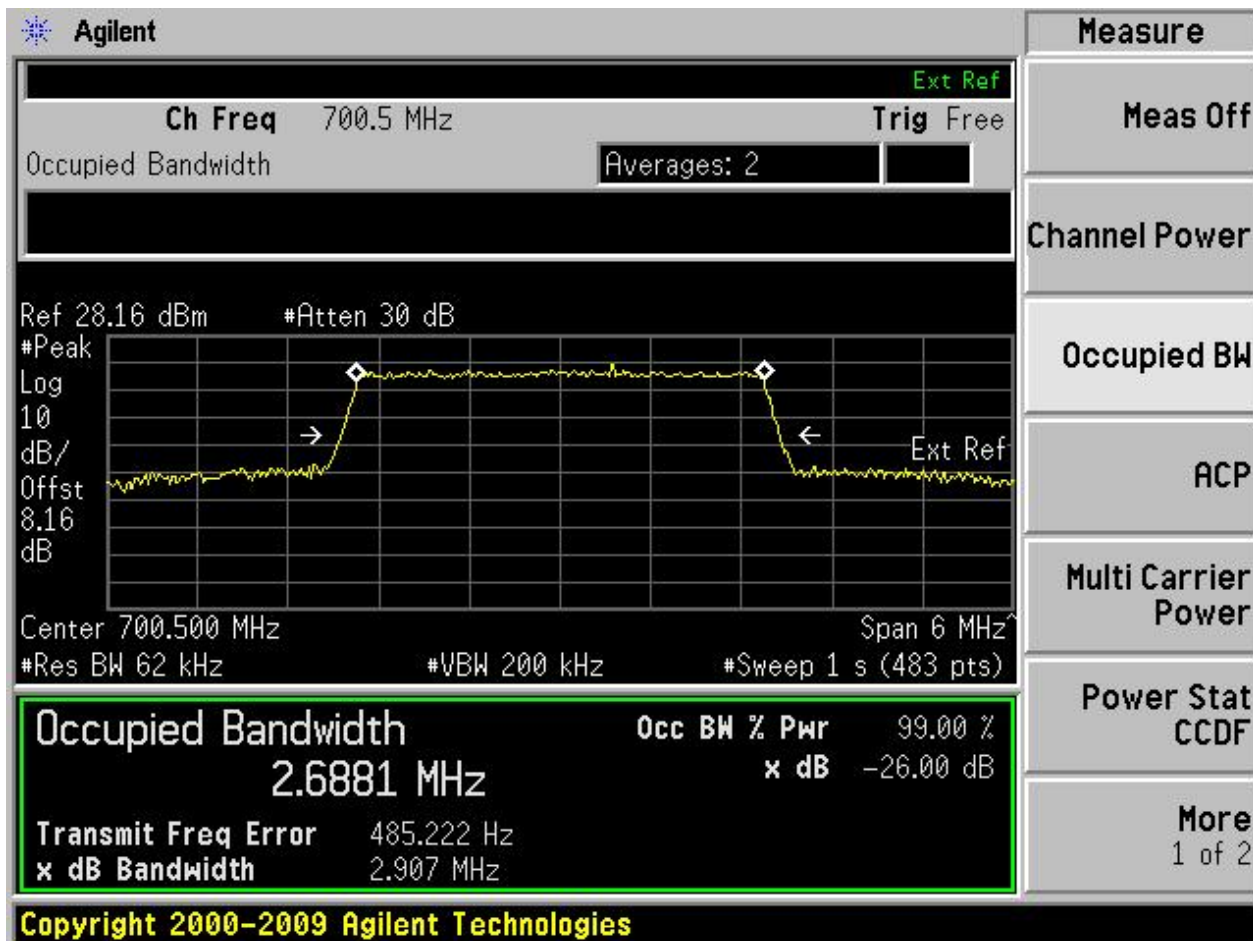
**5.8 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:23173, Bandwidth:1.4, Modulation:16QAM, RB Number:6, RB Position:0)(NTNV)**



**5.9 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:23173, Bandwidth:1.4, Modulation:64QAM, RB Number:6, RB Position:0)(NTNV)**



**5.10 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:23025, Bandwidth:3, Modulation:QPSK, RB Number:15, RB Position:0)(NTNV)**



**5.11 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM)(Channel:23025, Bandwidth:3, Modulation:16QAM, RB Number:15, RB Position:0)(NTNV)**

