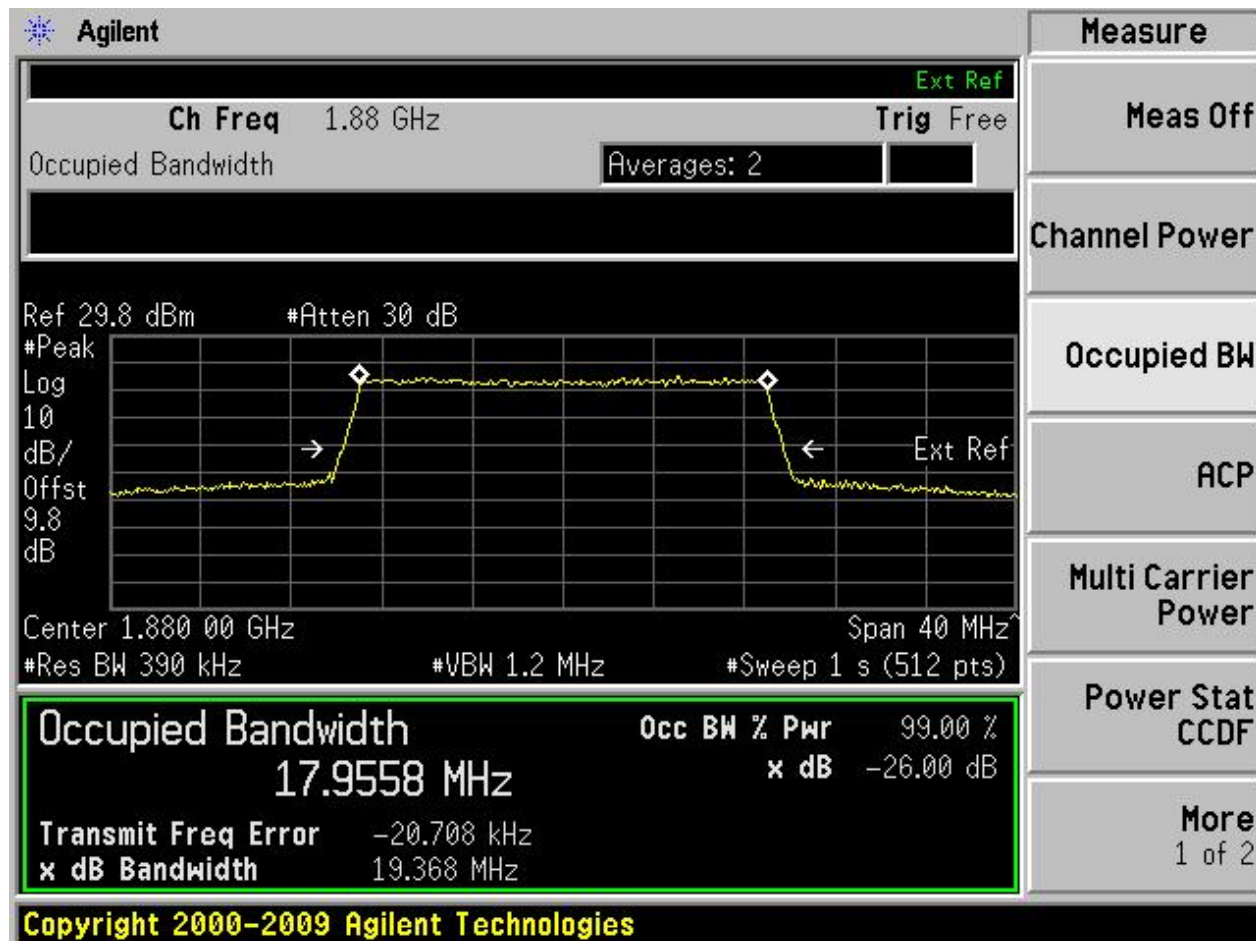
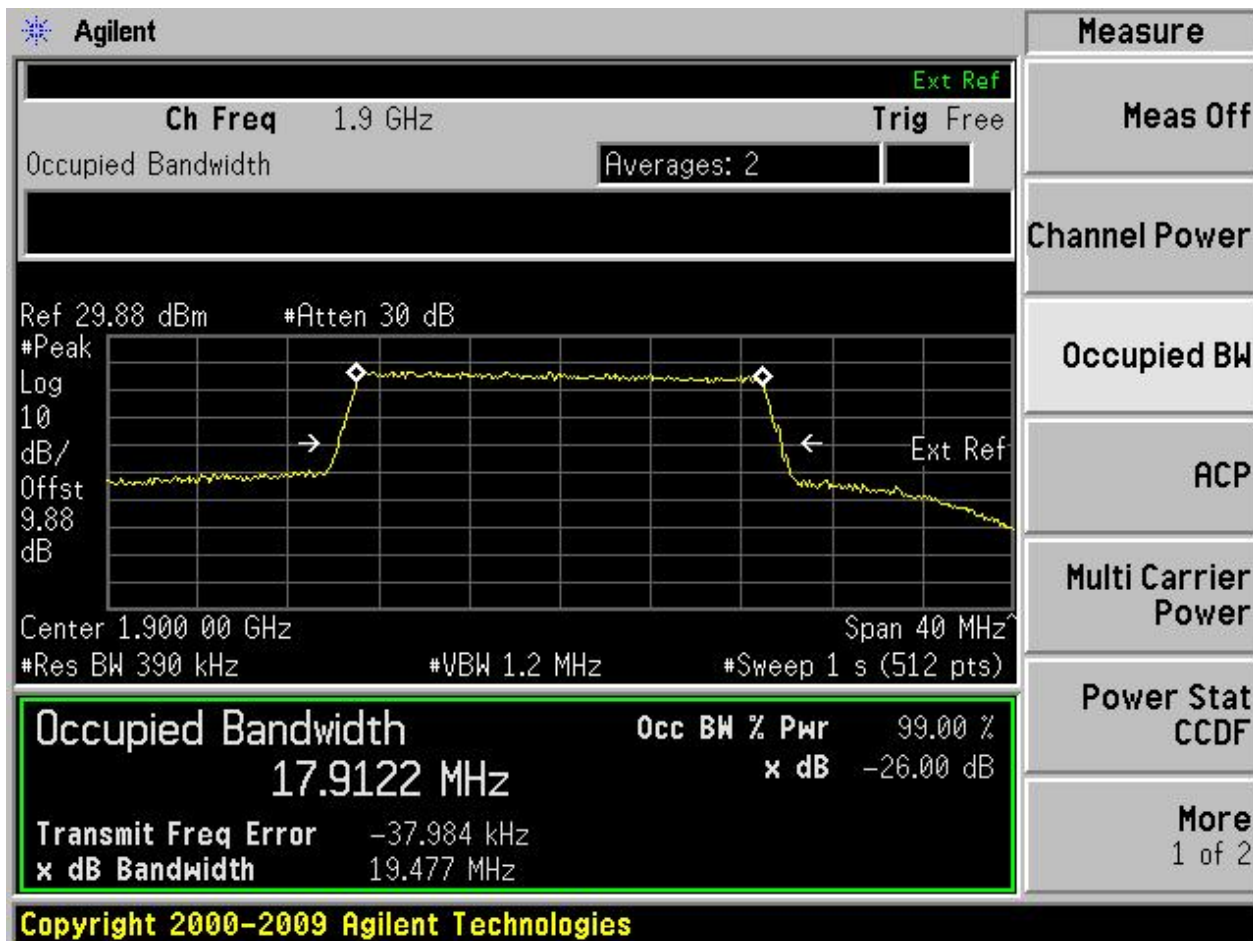


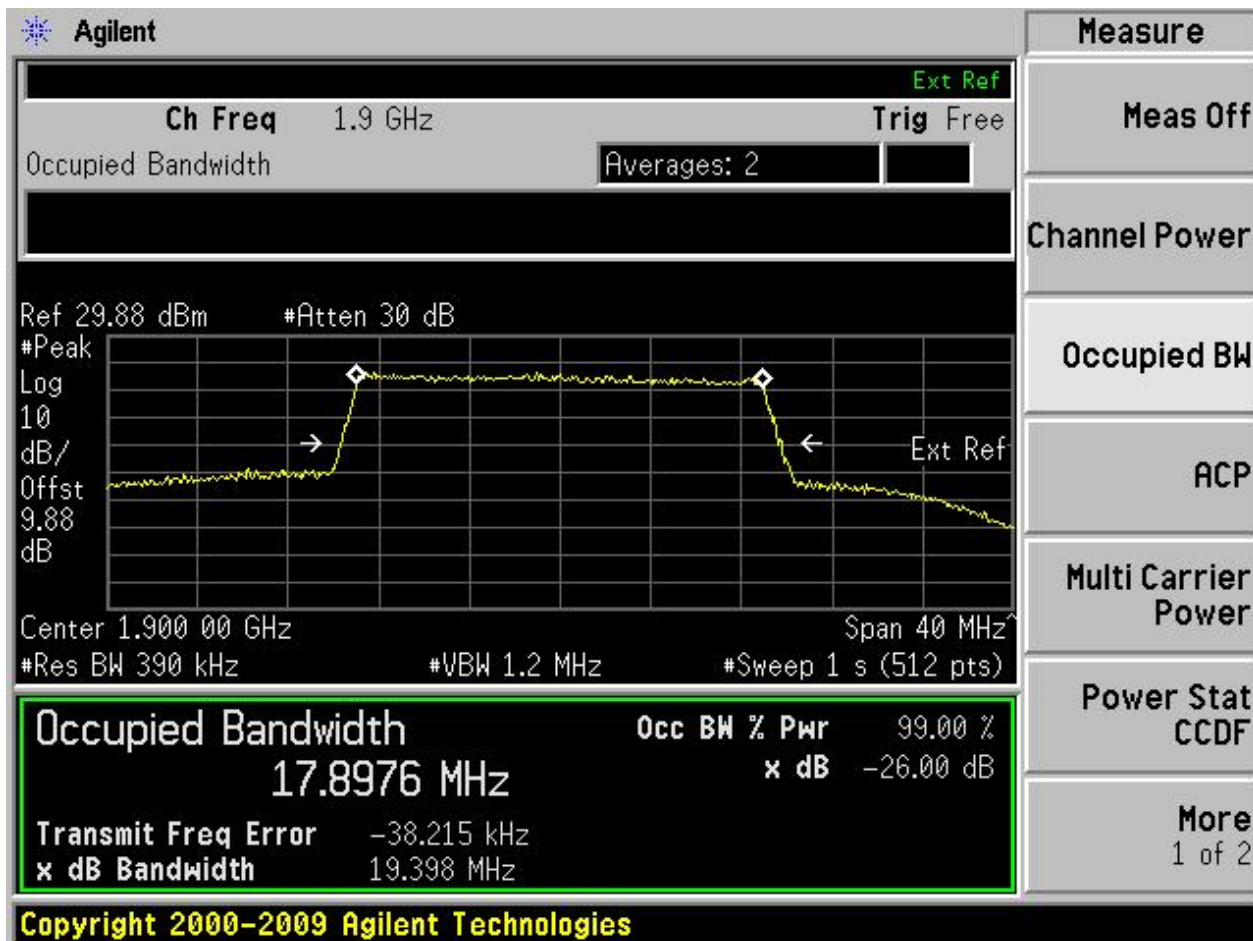
1.51 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:18900, Bandwidth:20, Modulation:64QAM, RB Number:100, RB Position:0)(NTNV)



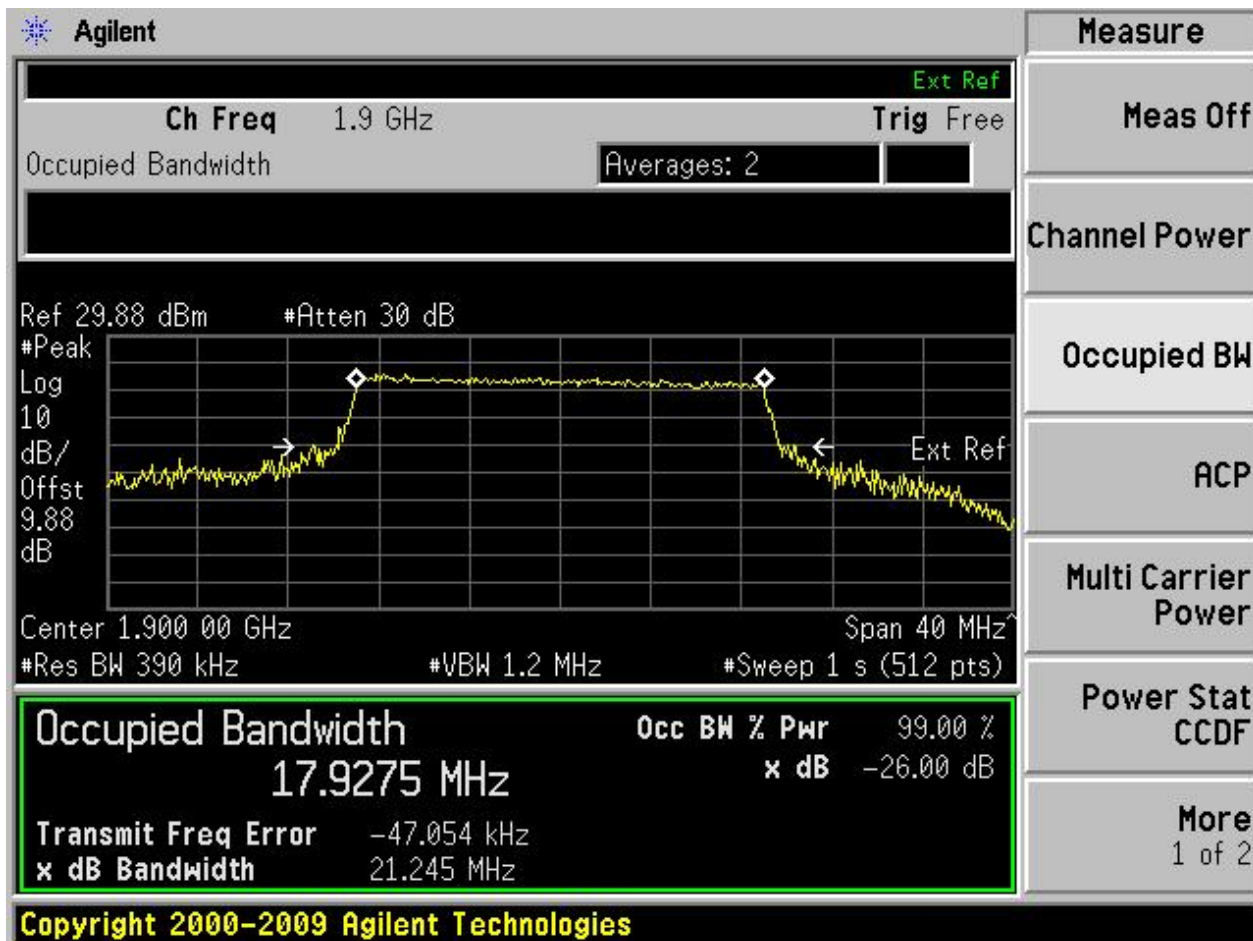
1.52 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)(NTNV)



1.53 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:19100, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)(NTNV)

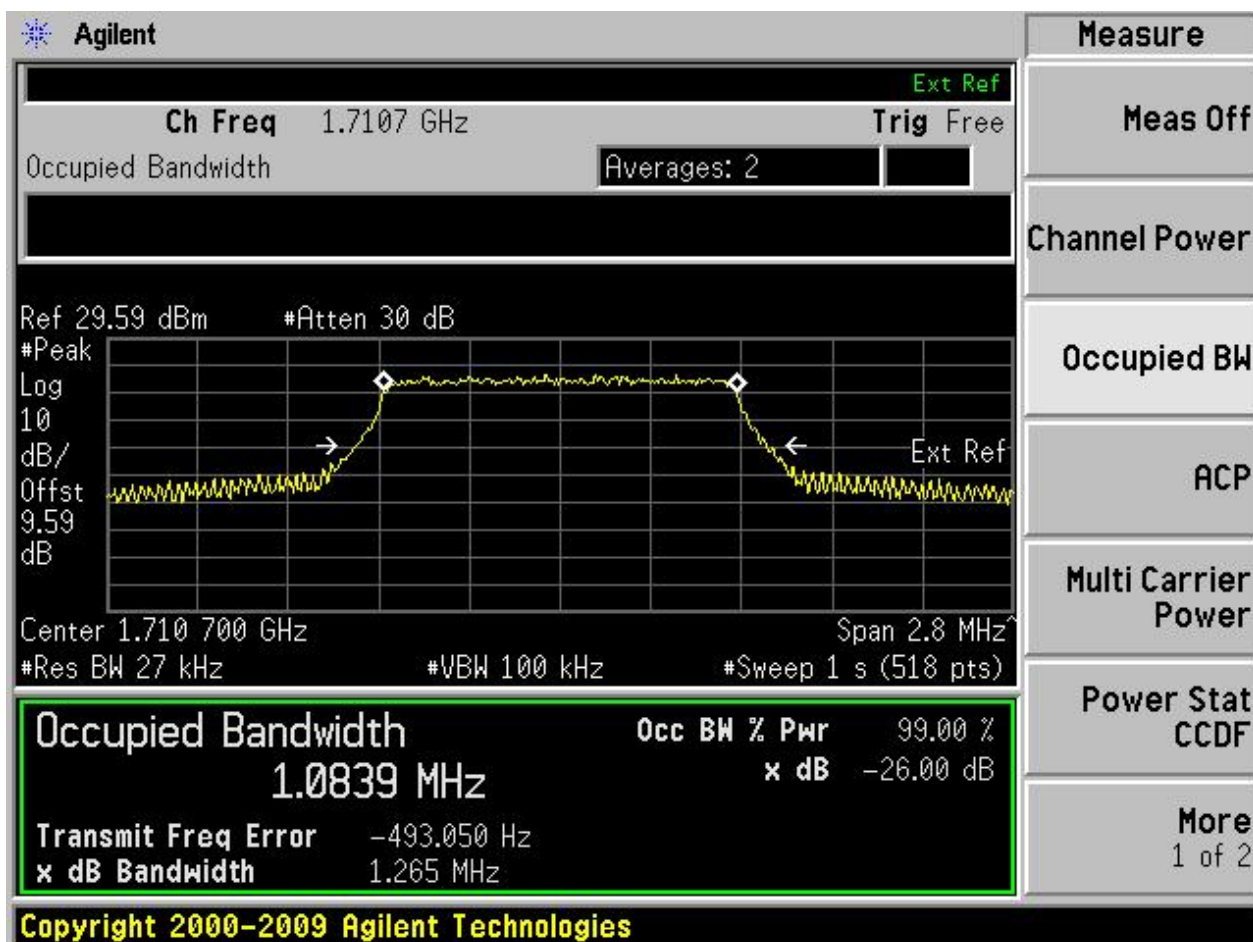


1.54 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:19100, Bandwidth:20, Modulation:64QAM, RB Number:100, RB Position:0)(NTNV)

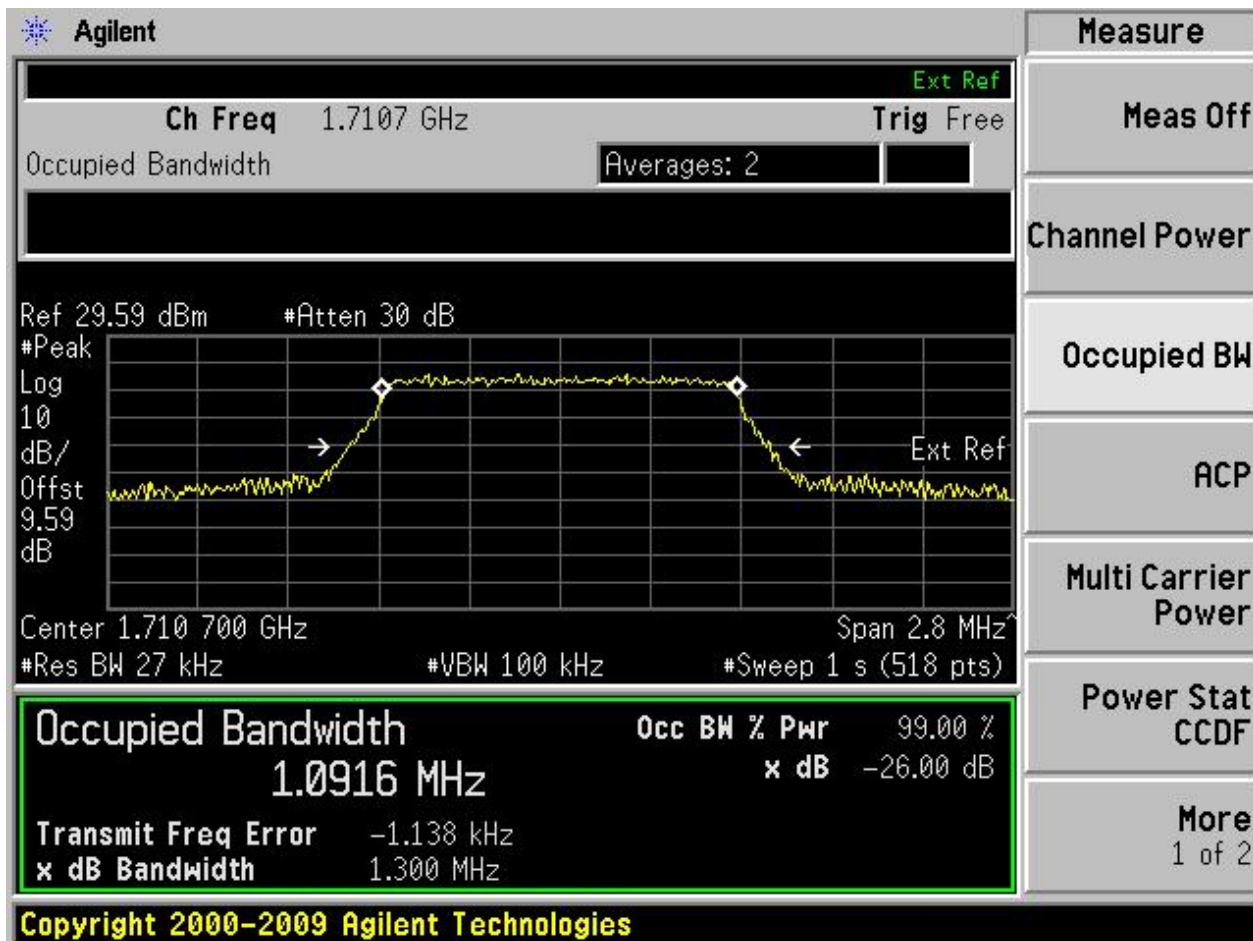


2. LTE_Band4

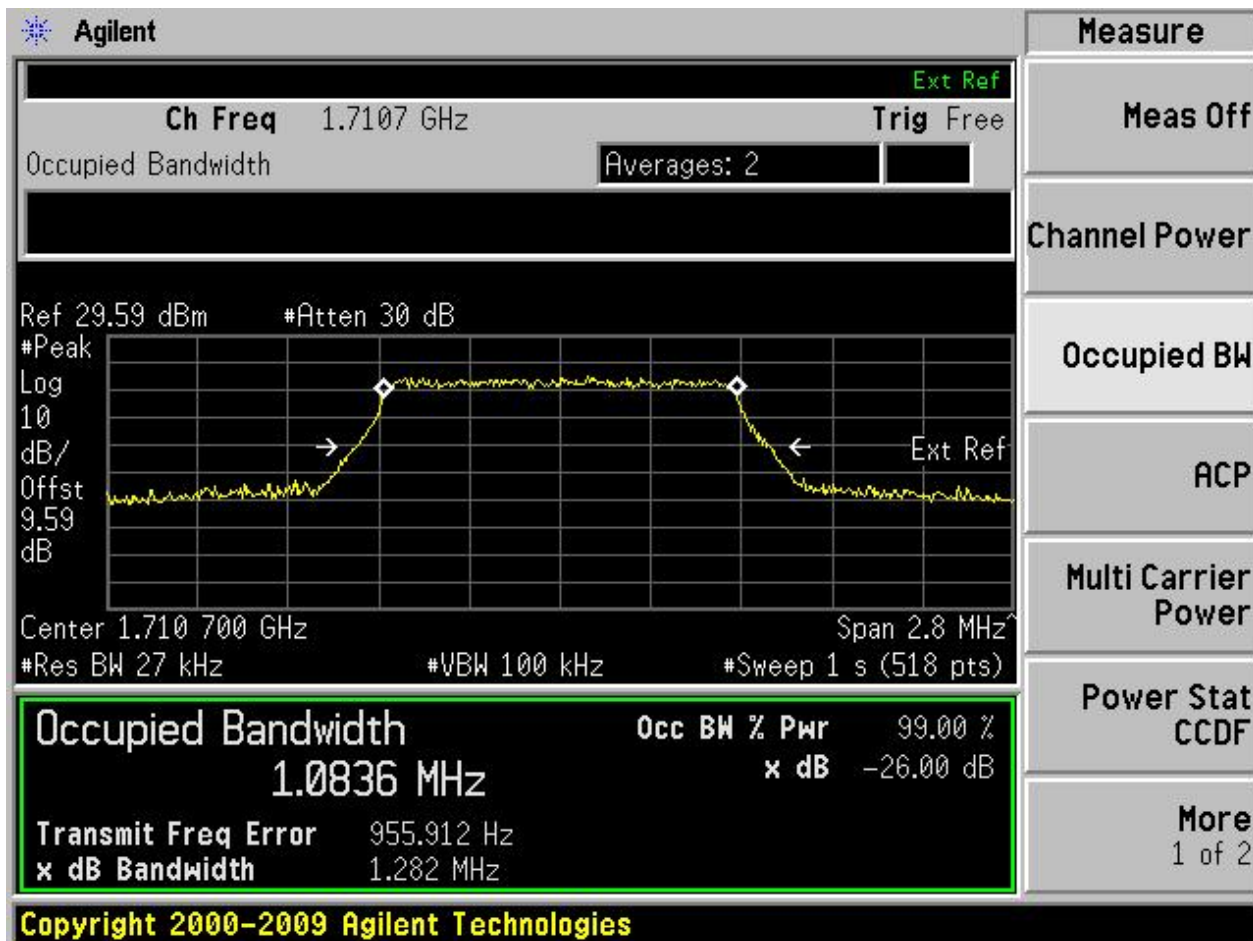
2.1 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:19957, Bandwidth:1.4, Modulation:QPSK, RB Number:6, RB Position:0)(NTNV)



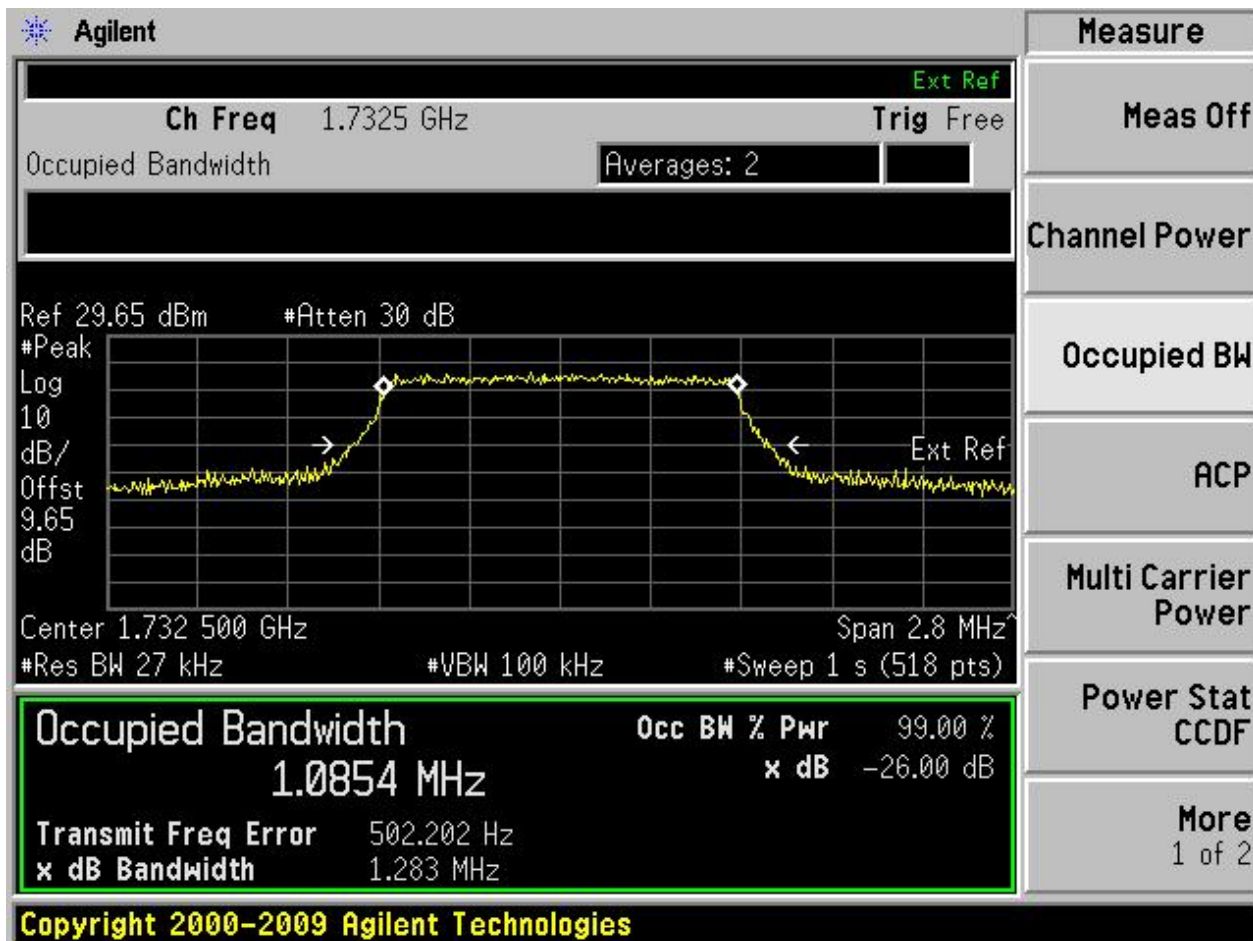
2.2 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:19957, Bandwidth:1.4, Modulation:16QAM, RB Number:6, RB Position:0)(NTNV)



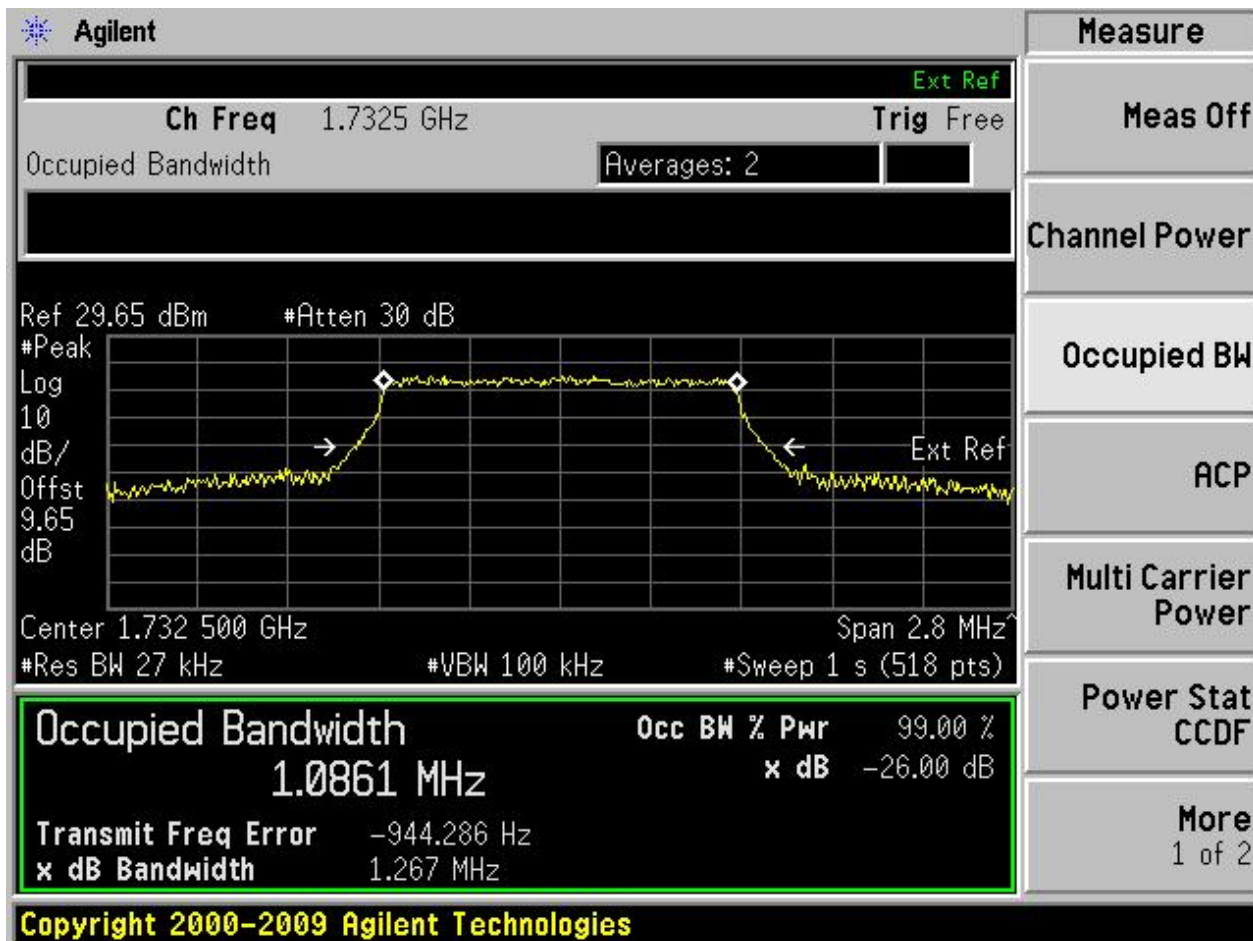
2.3 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:19957, Bandwidth:1.4, Modulation:64QAM, RB Number:6, RB Position:0)(NTNV)



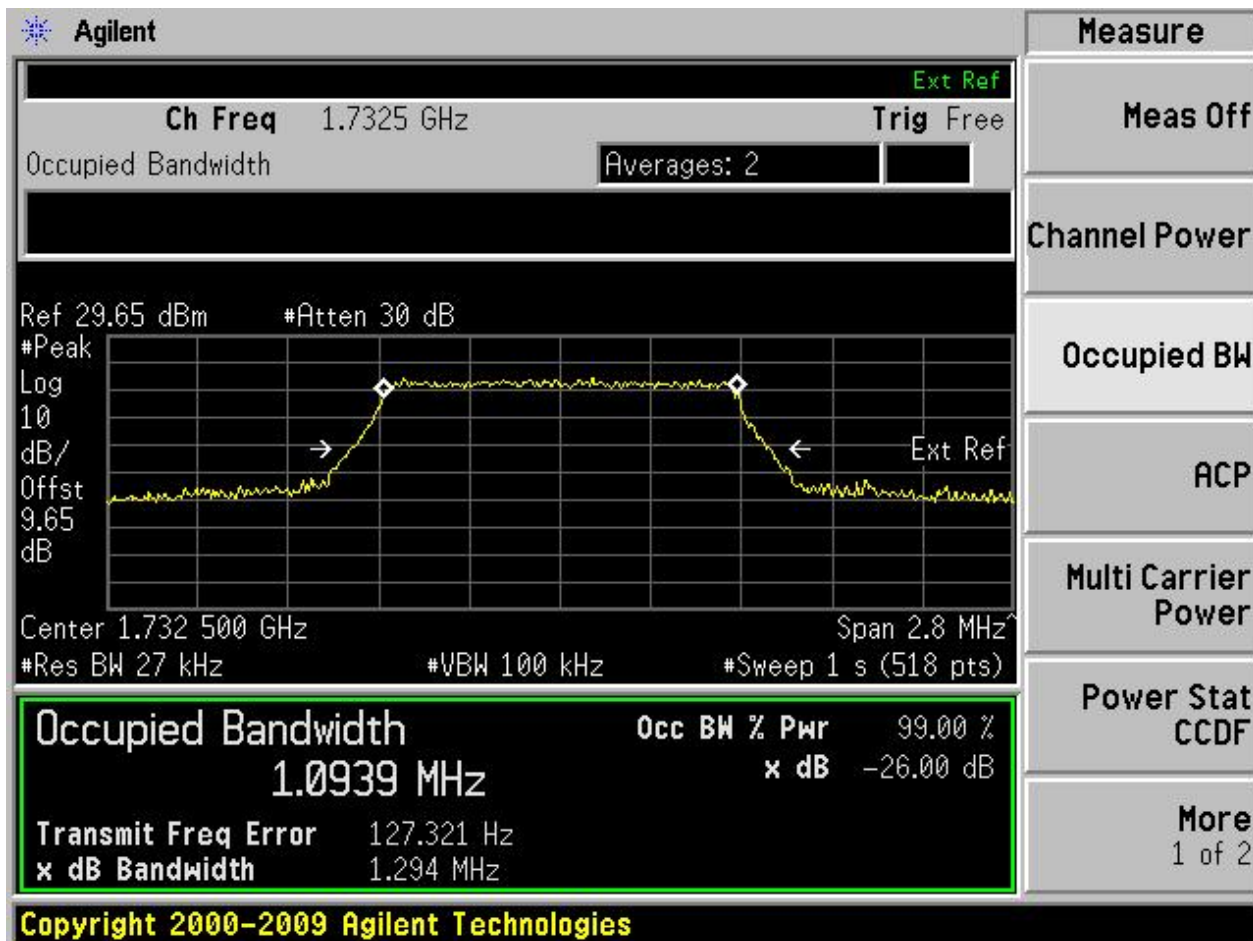
2.4 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number:6, RB Position:0)(NTNV)



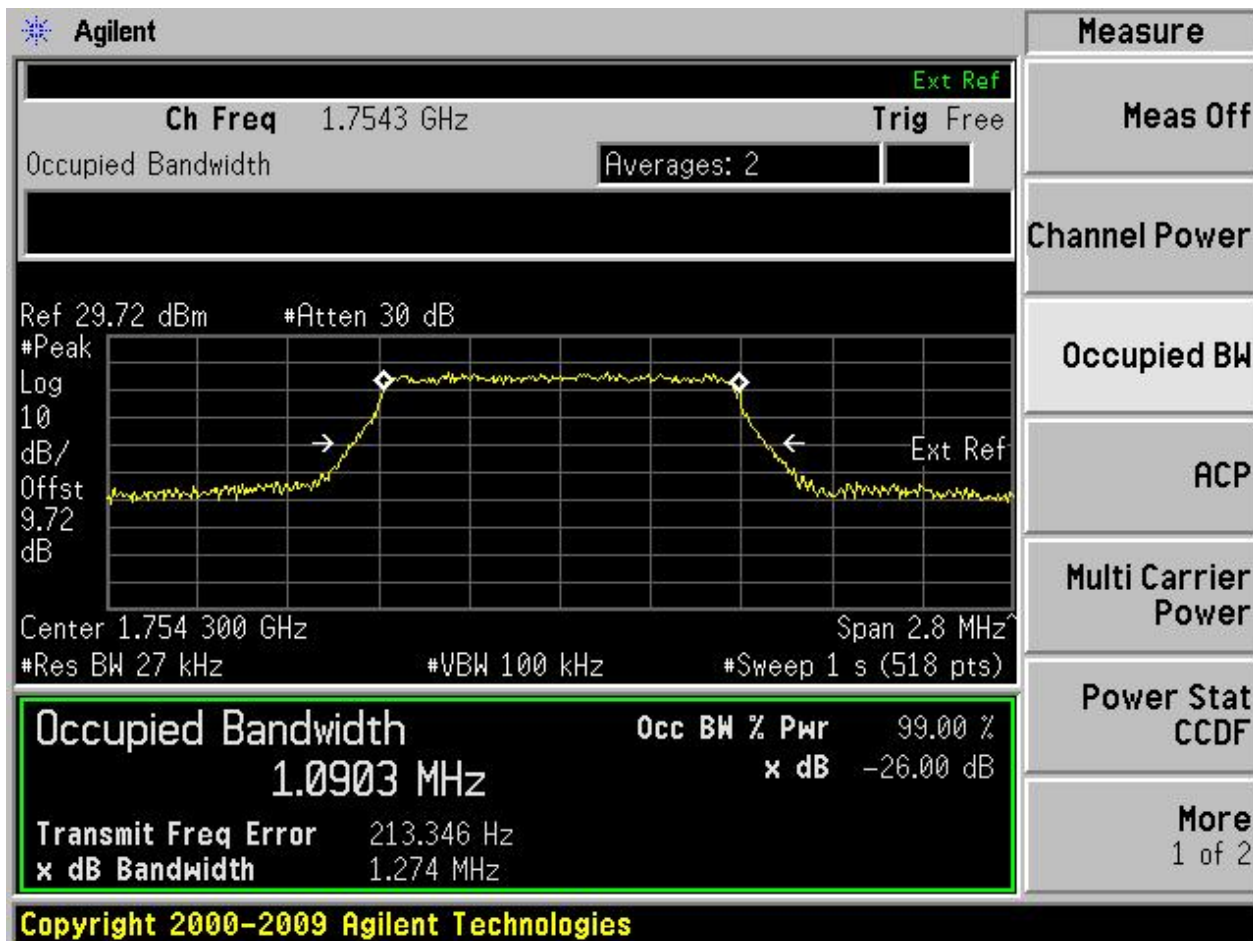
2.5 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20175, Bandwidth:1.4, Modulation:16QAM, RB Number:6, RB Position:0)(NTNV)



2.6 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20175, Bandwidth:1.4, Modulation:64QAM, RB Number:6, RB Position:0)(NTNV)

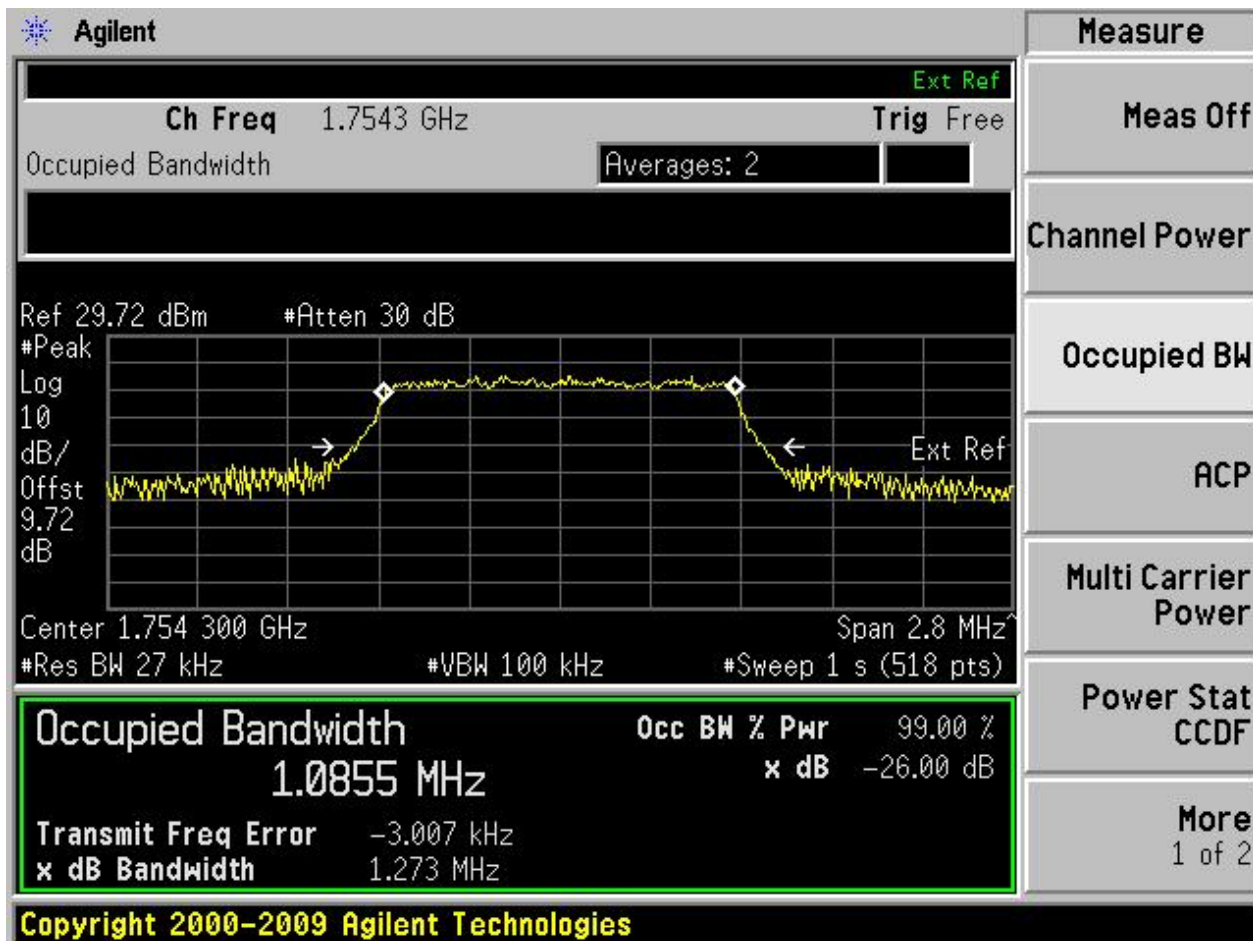


2.7 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20393, Bandwidth:1.4, Modulation:QPSK, RB Number:6, RB Position:0)(NTNV)

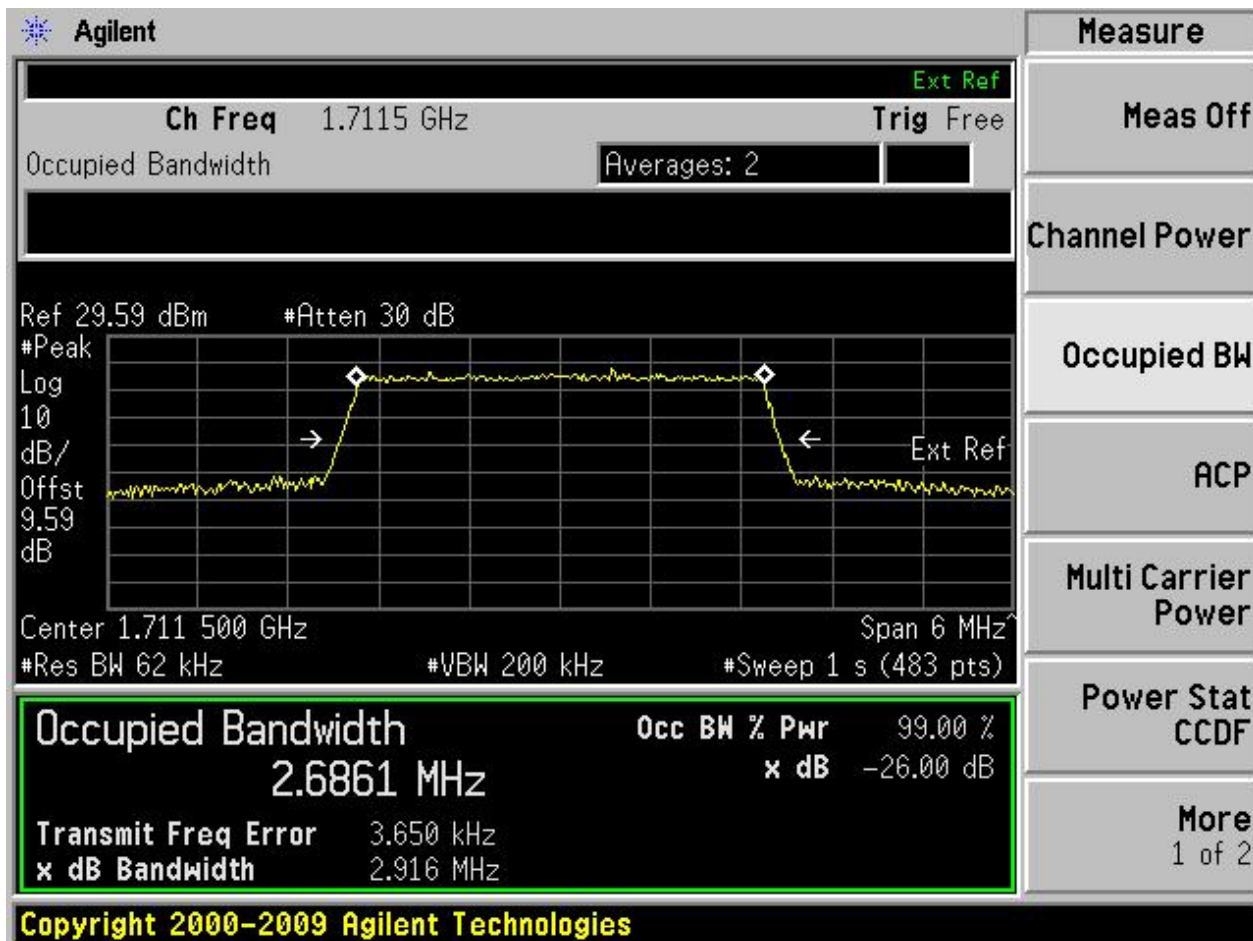




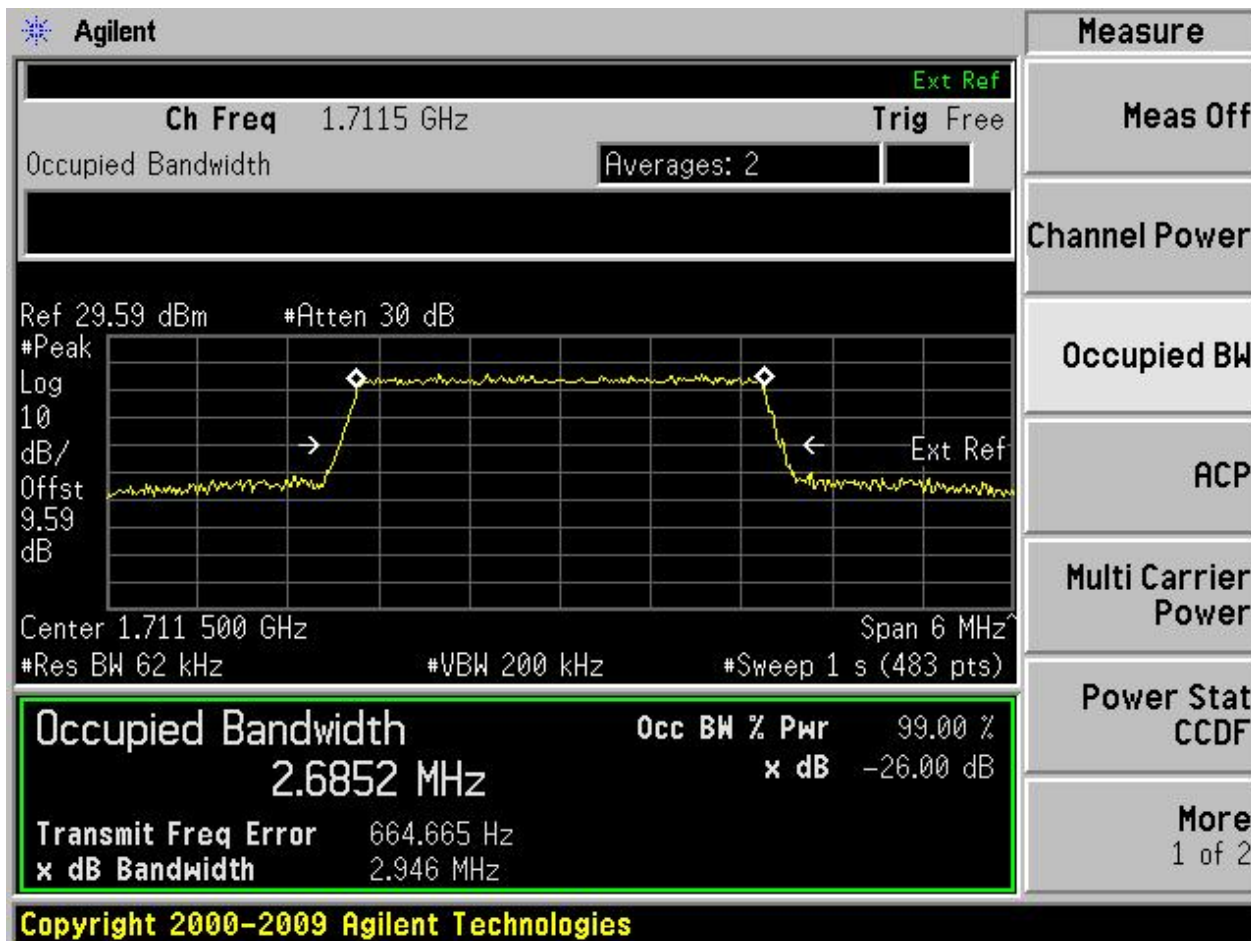
2.9 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20393, Bandwidth:1.4, Modulation:64QAM, RB Number:6, RB Position:0)(NTNV)



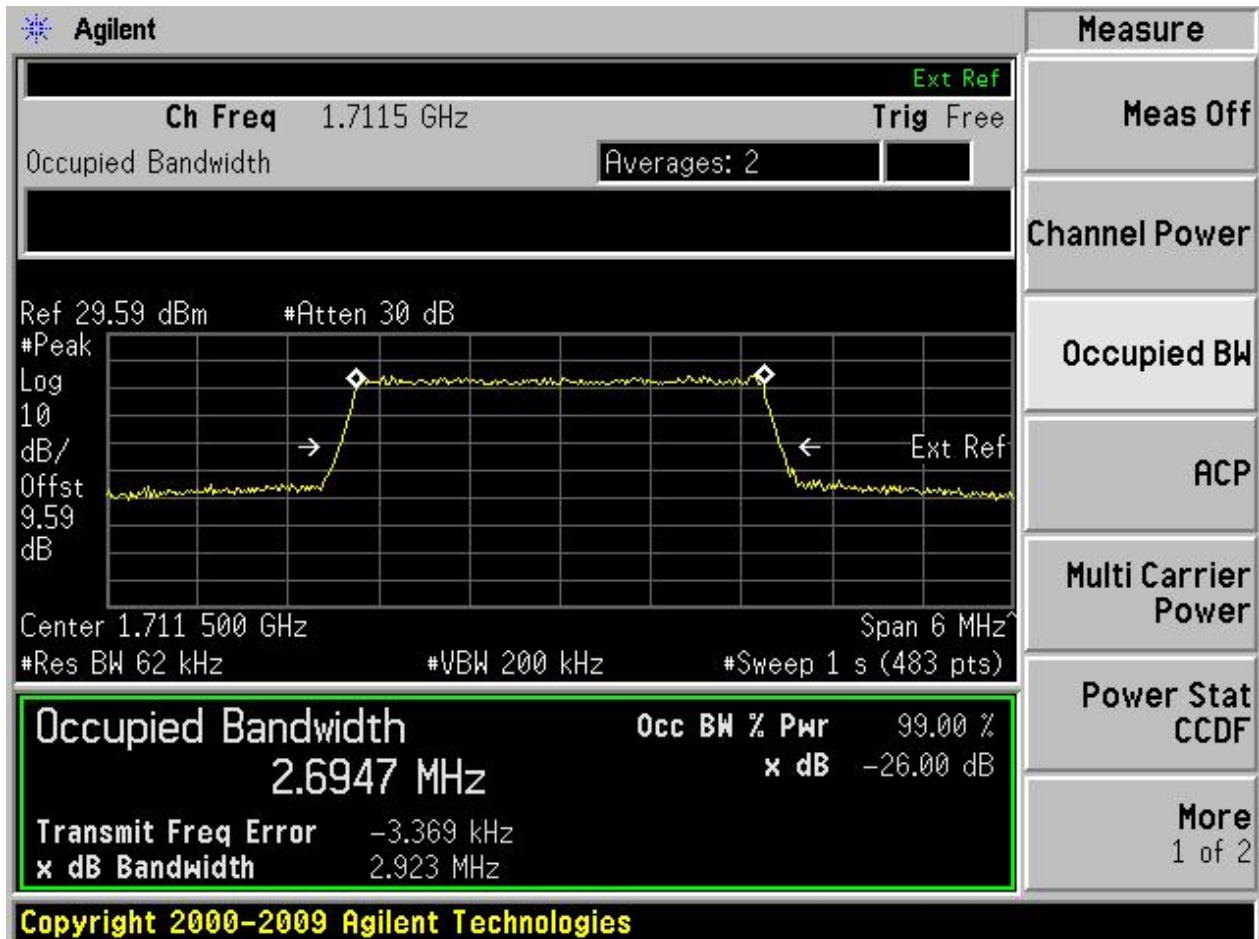
2.10 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:19965, Bandwidth:3, Modulation:QPSK, RB Number:15, RB Position:0)(NTNV)



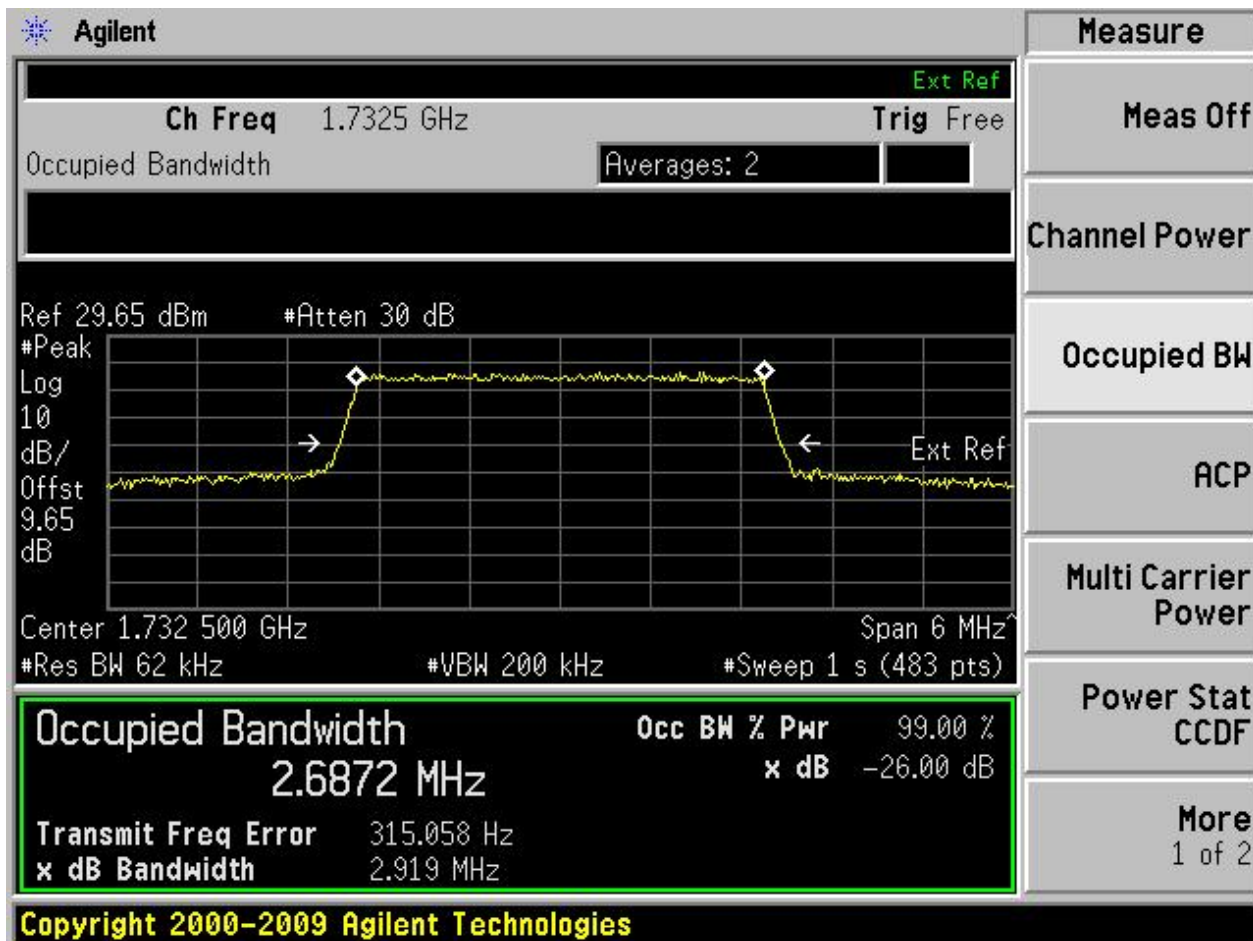
2.11 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:19965, Bandwidth:3, Modulation:16QAM, RB Number:15, RB Position:0)(NTNV)



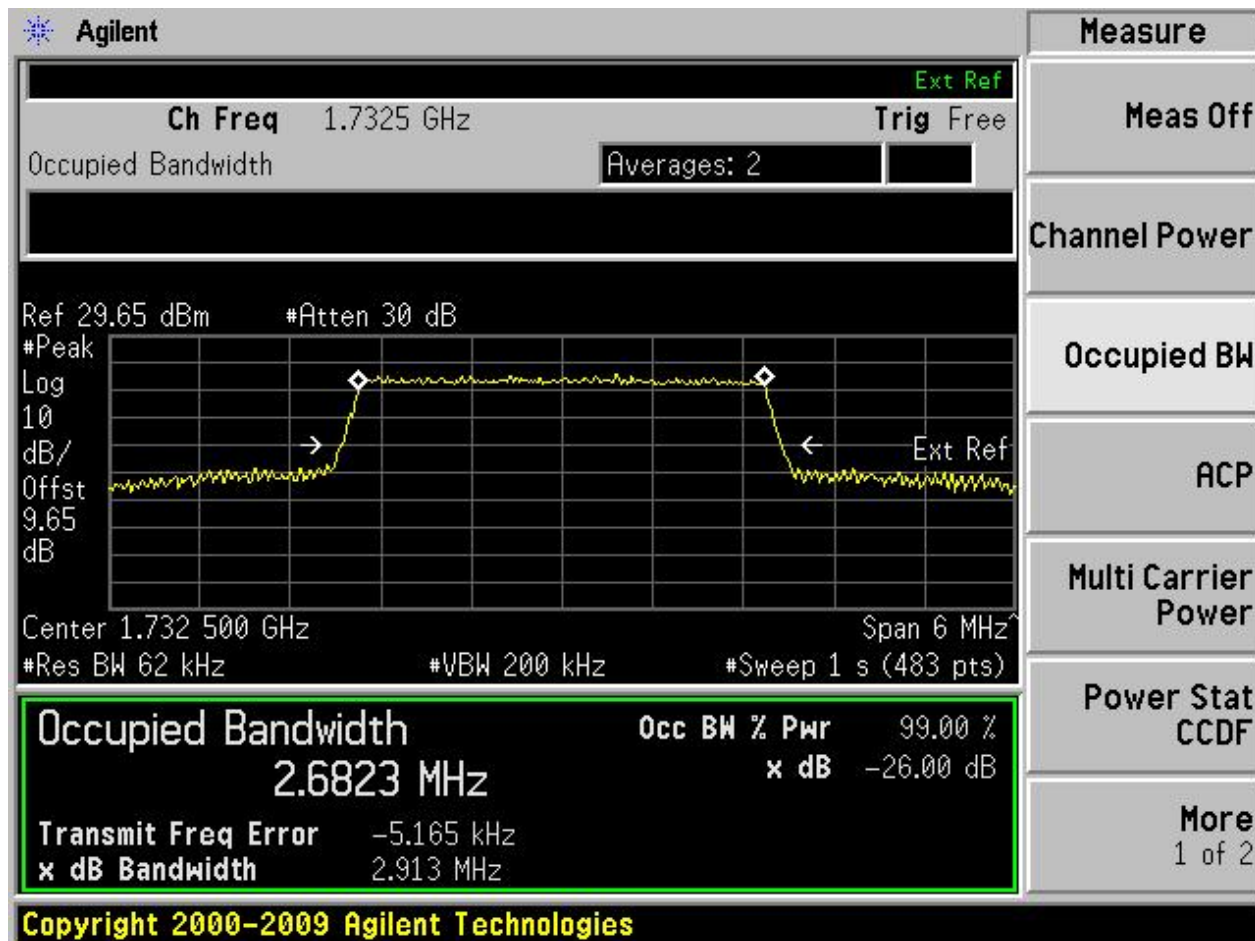
2.12 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:19965, Bandwidth:3, Modulation:64QAM, RB Number:15, RB Position:0)(NTNV)



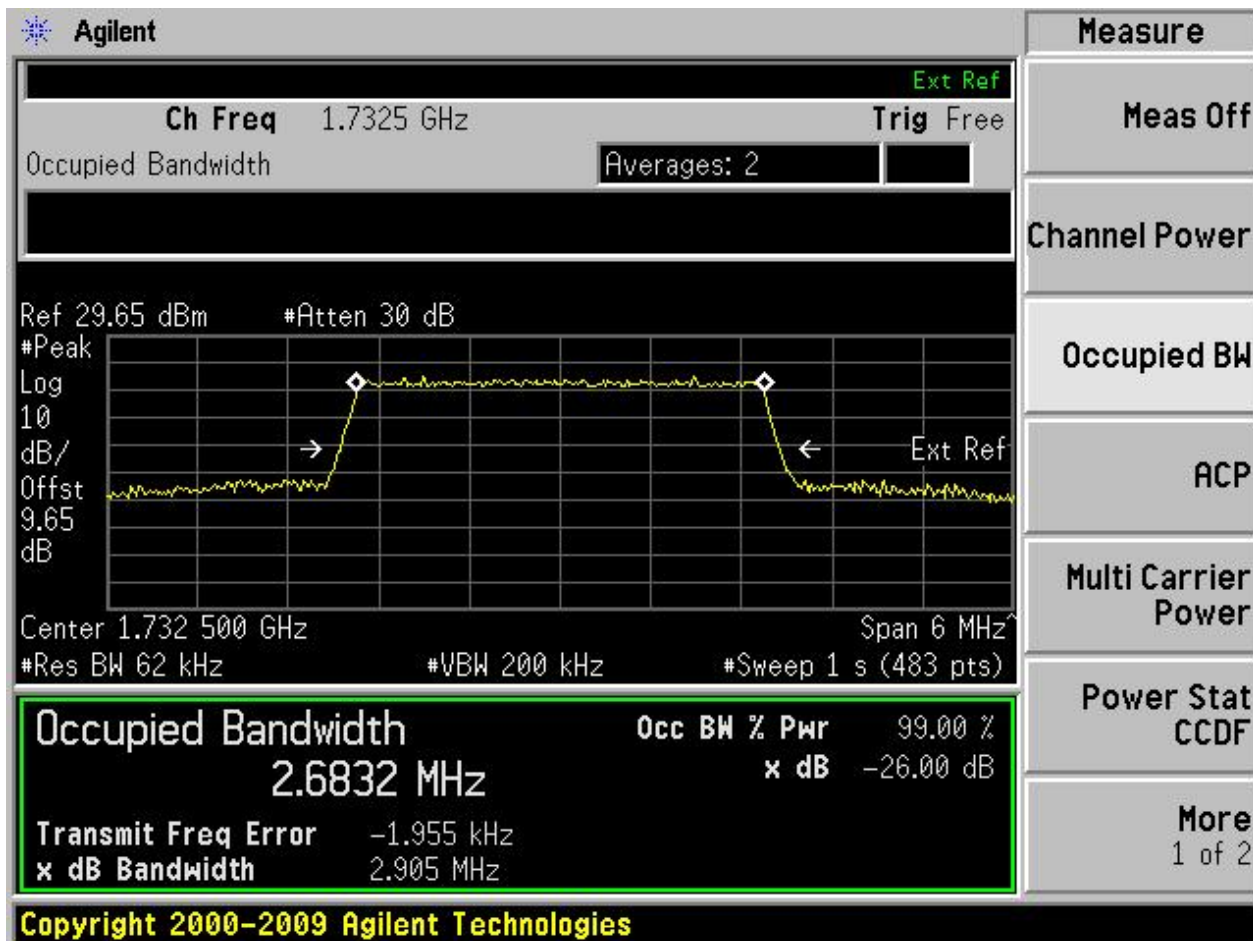
2.13 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20175, Bandwidth:3, Modulation:QPSK, RB Number:15, RB Position:0)(NTNV)



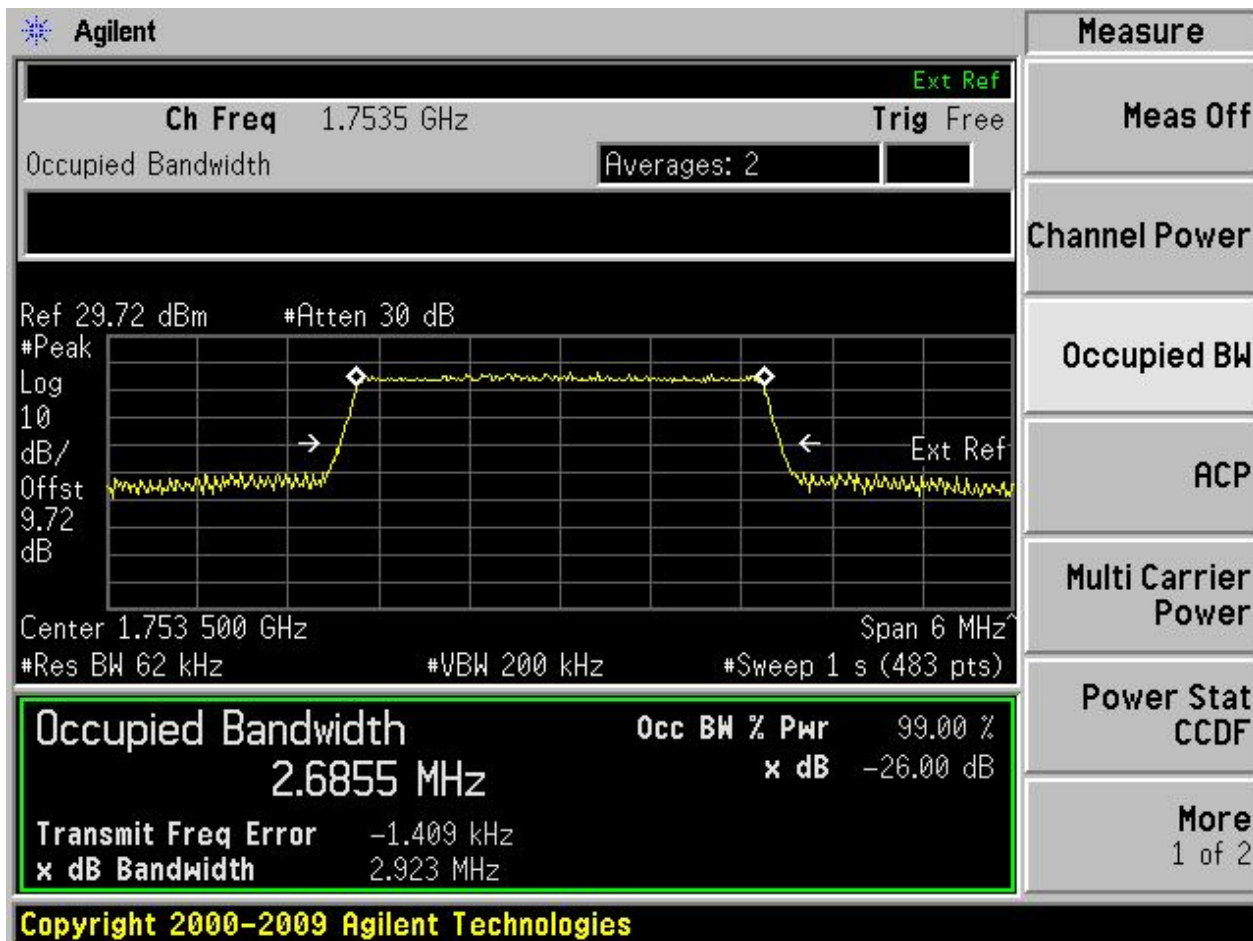
2.14 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20175, Bandwidth:3, Modulation:16QAM, RB Number:15, RB Position:0)(NTNV)



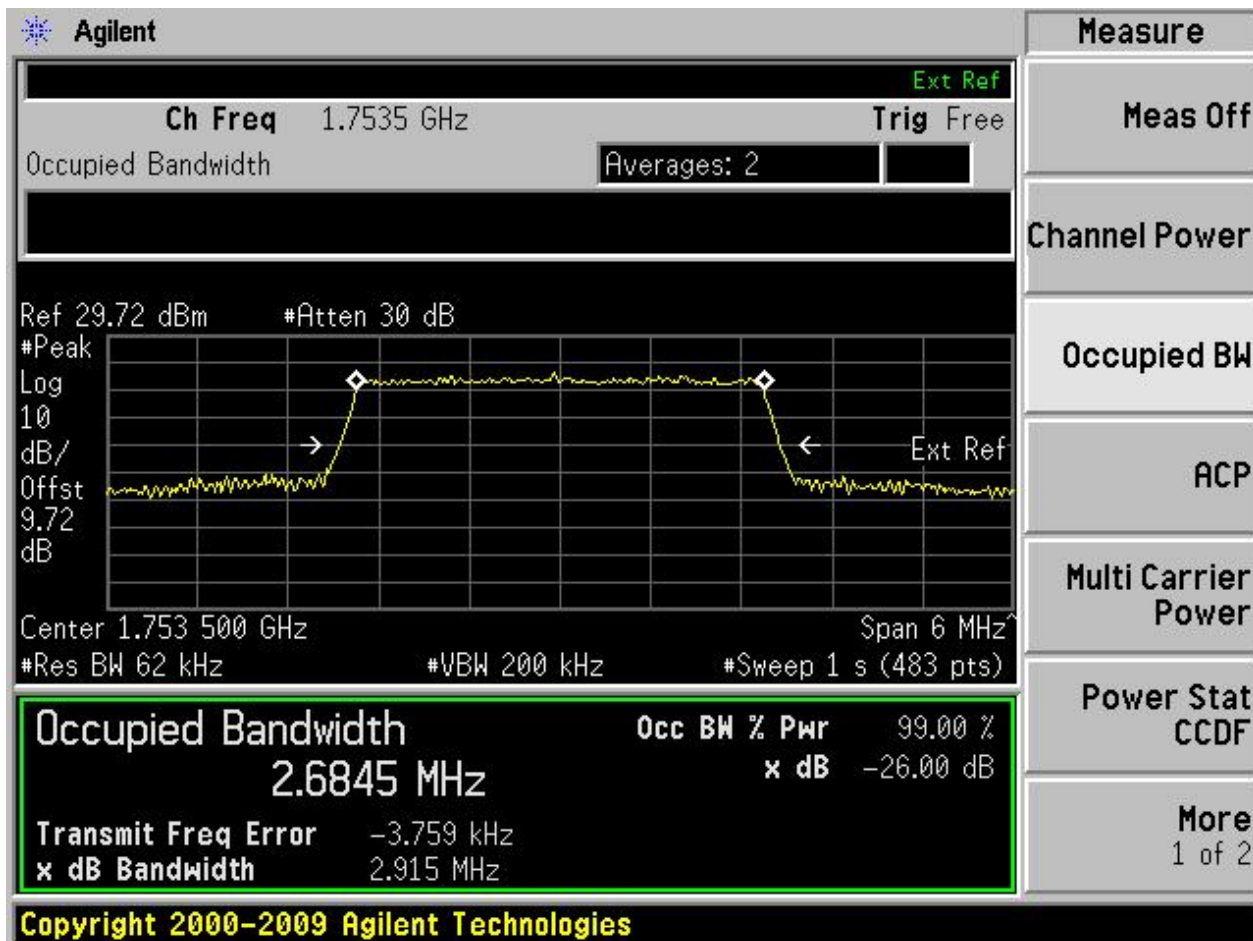
2.15 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20175, Bandwidth:3, Modulation:64QAM, RB Number:15, RB Position:0)(NTNV)



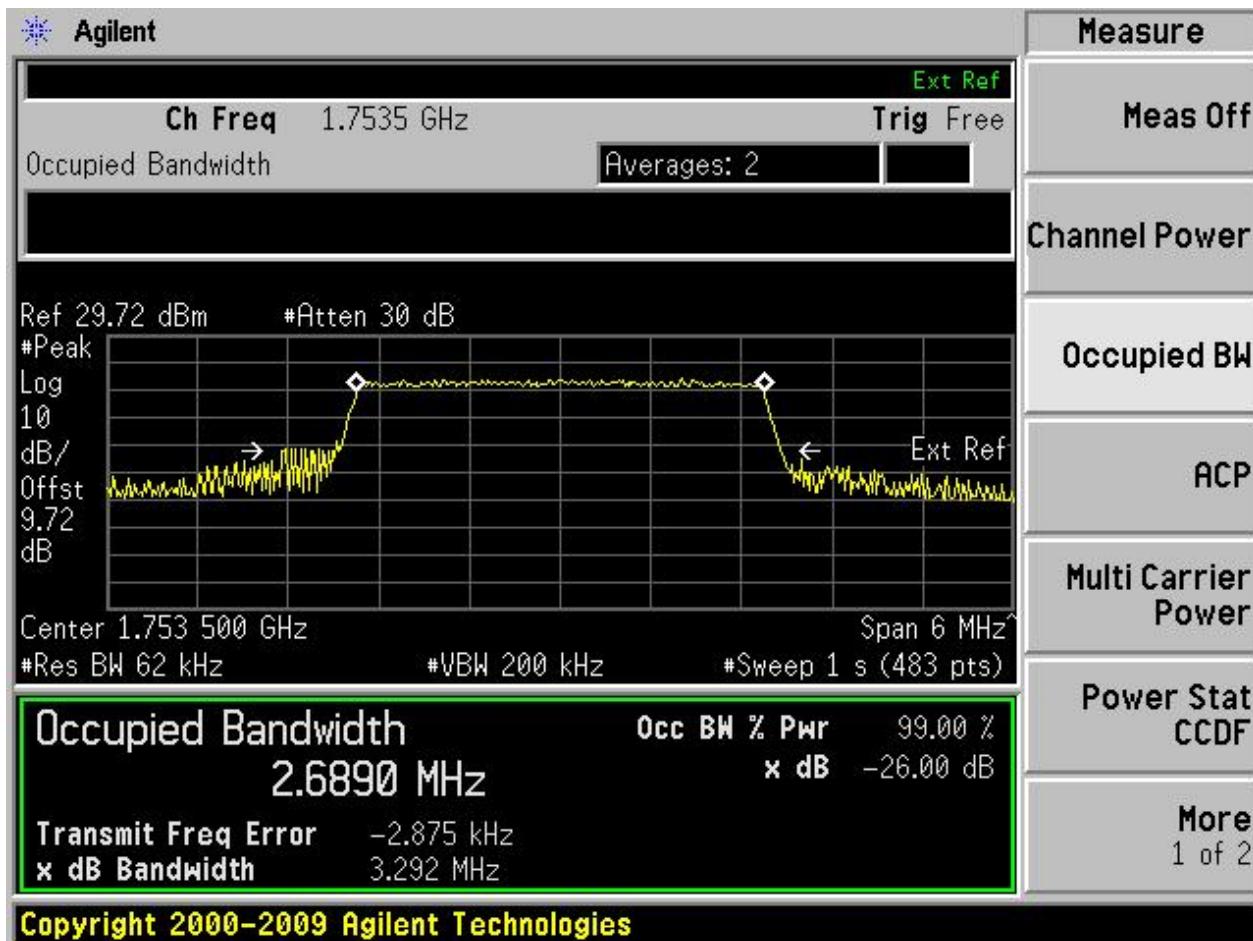
2.16 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20385, Bandwidth:3, Modulation:QPSK, RB Number:15, RB Position:0)(NTNV)



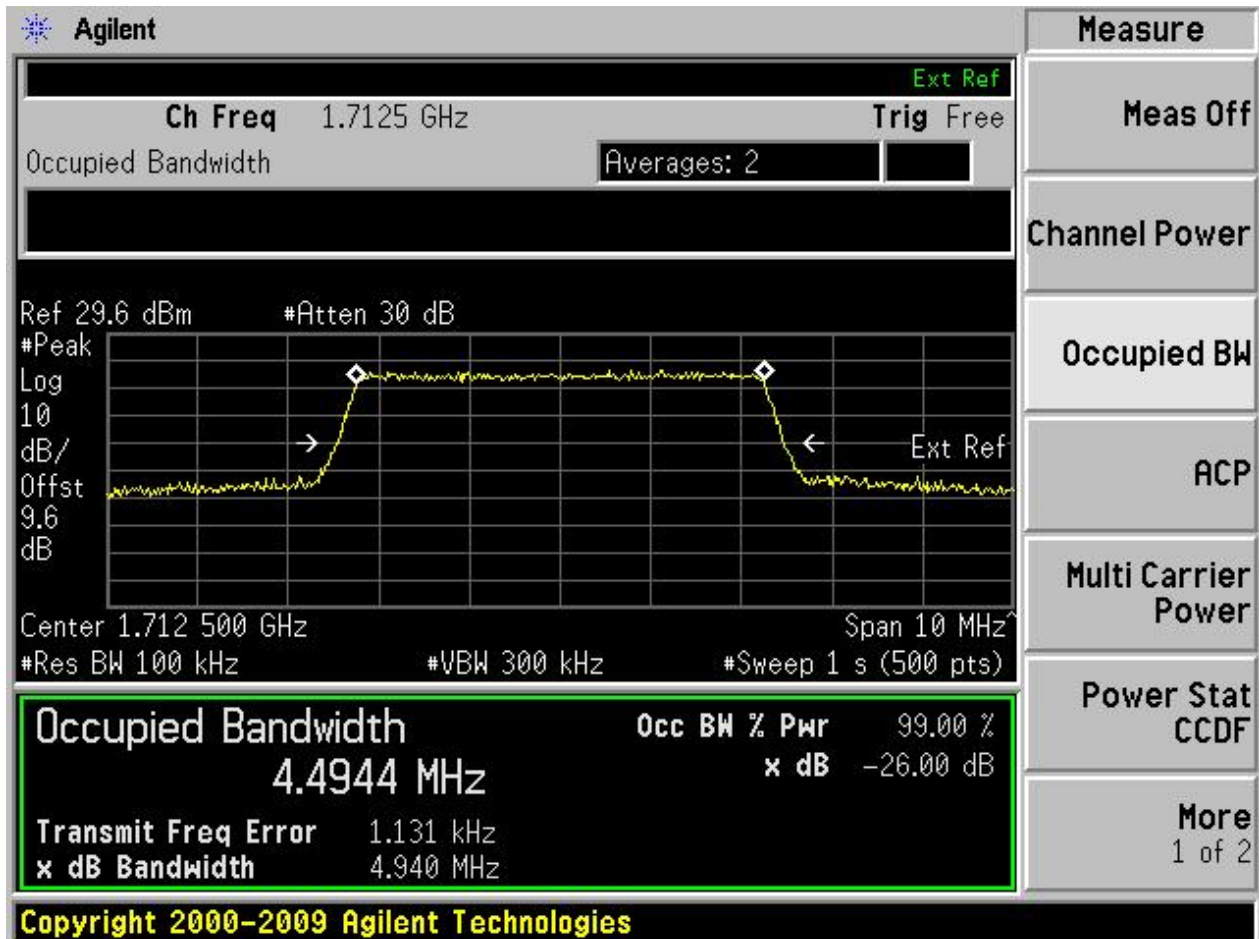
2.17 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20385, Bandwidth:3, Modulation:16QAM, RB Number:15, RB Position:0)(NTNV)



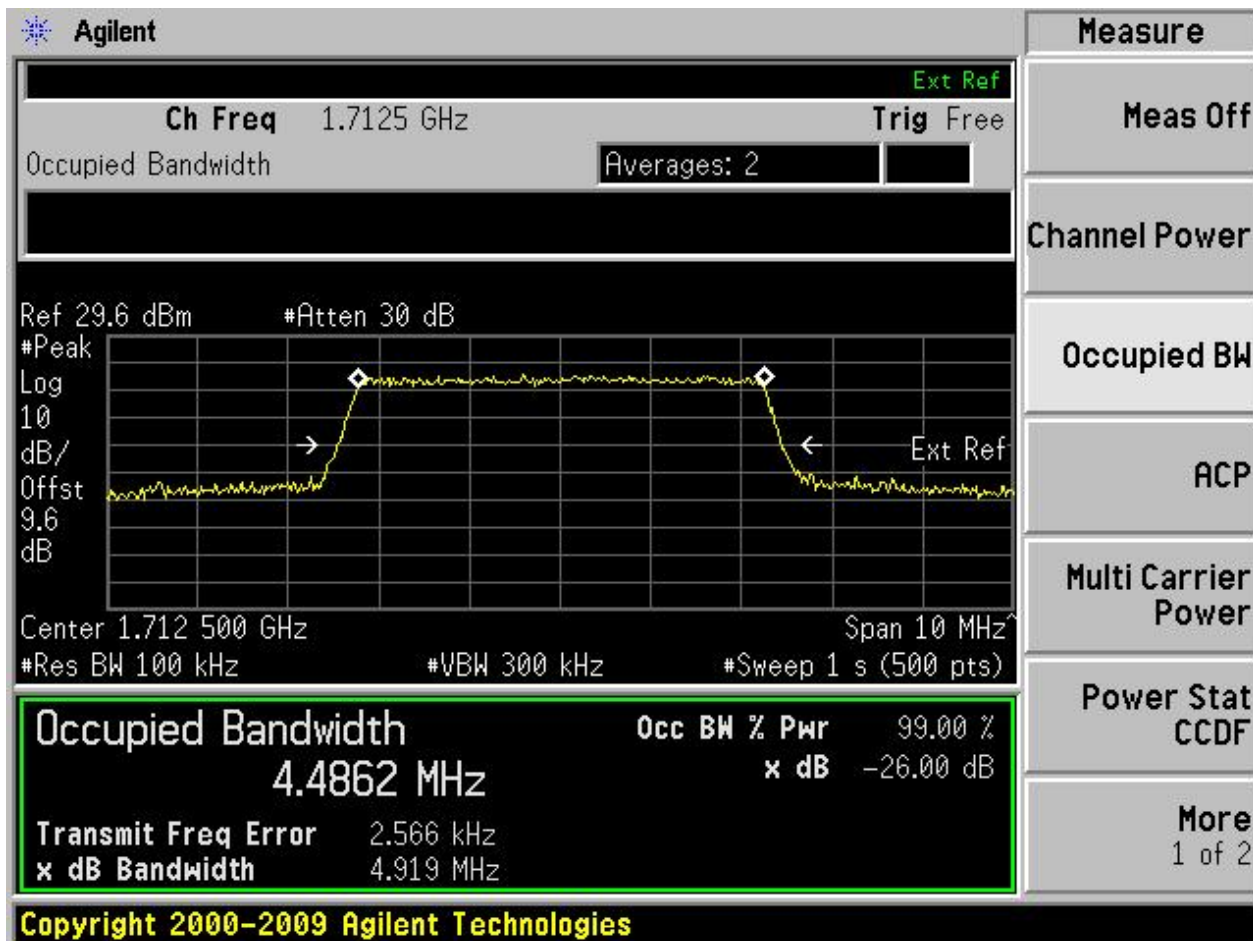
2.18 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20385, Bandwidth:3, Modulation:64QAM, RB Number:15, RB Position:0)(NTNV)



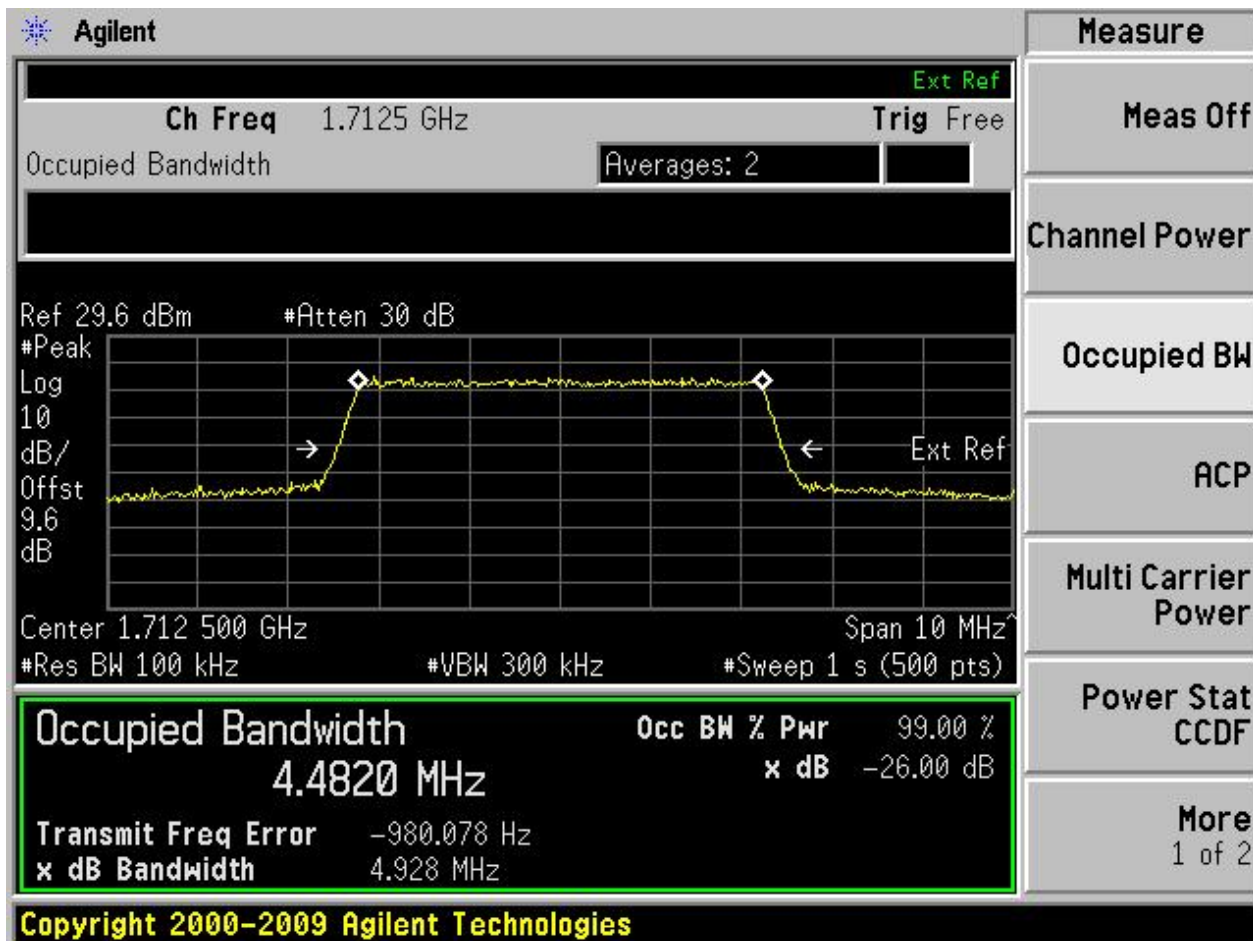
2.19 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:19975, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)(NTNV)



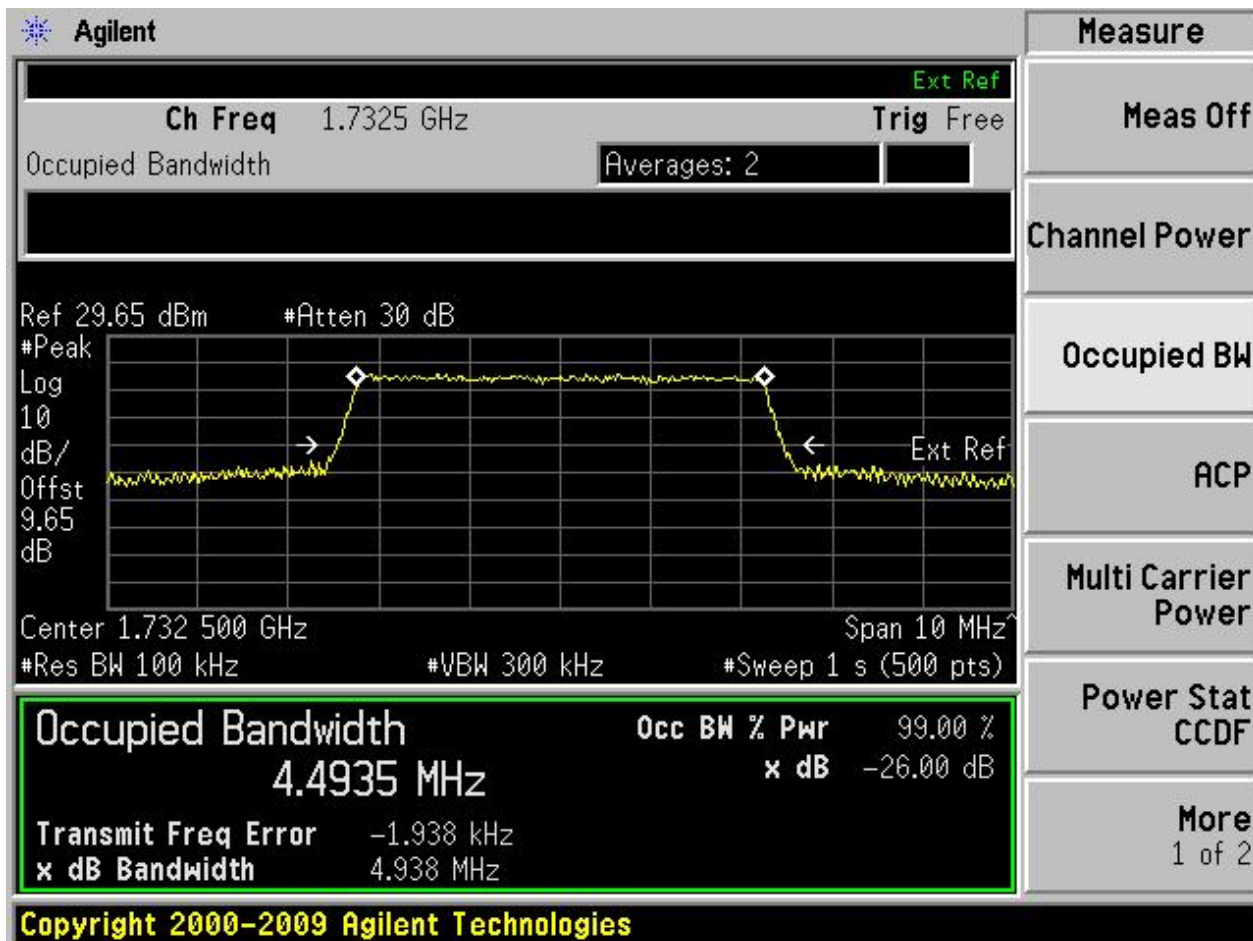
2.20 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:19975, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)(NTNV)



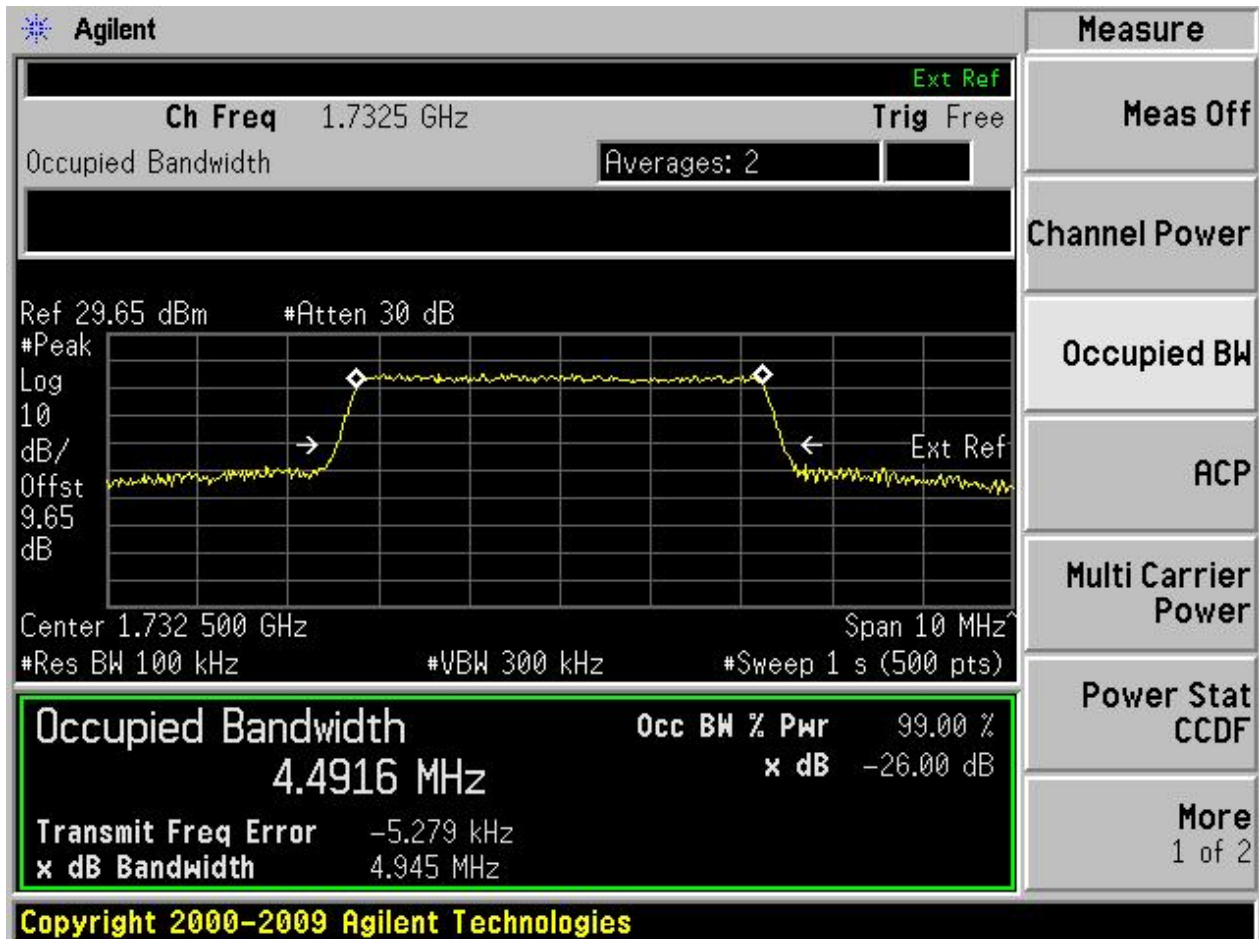
2.21 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:19975, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)(NTNV)



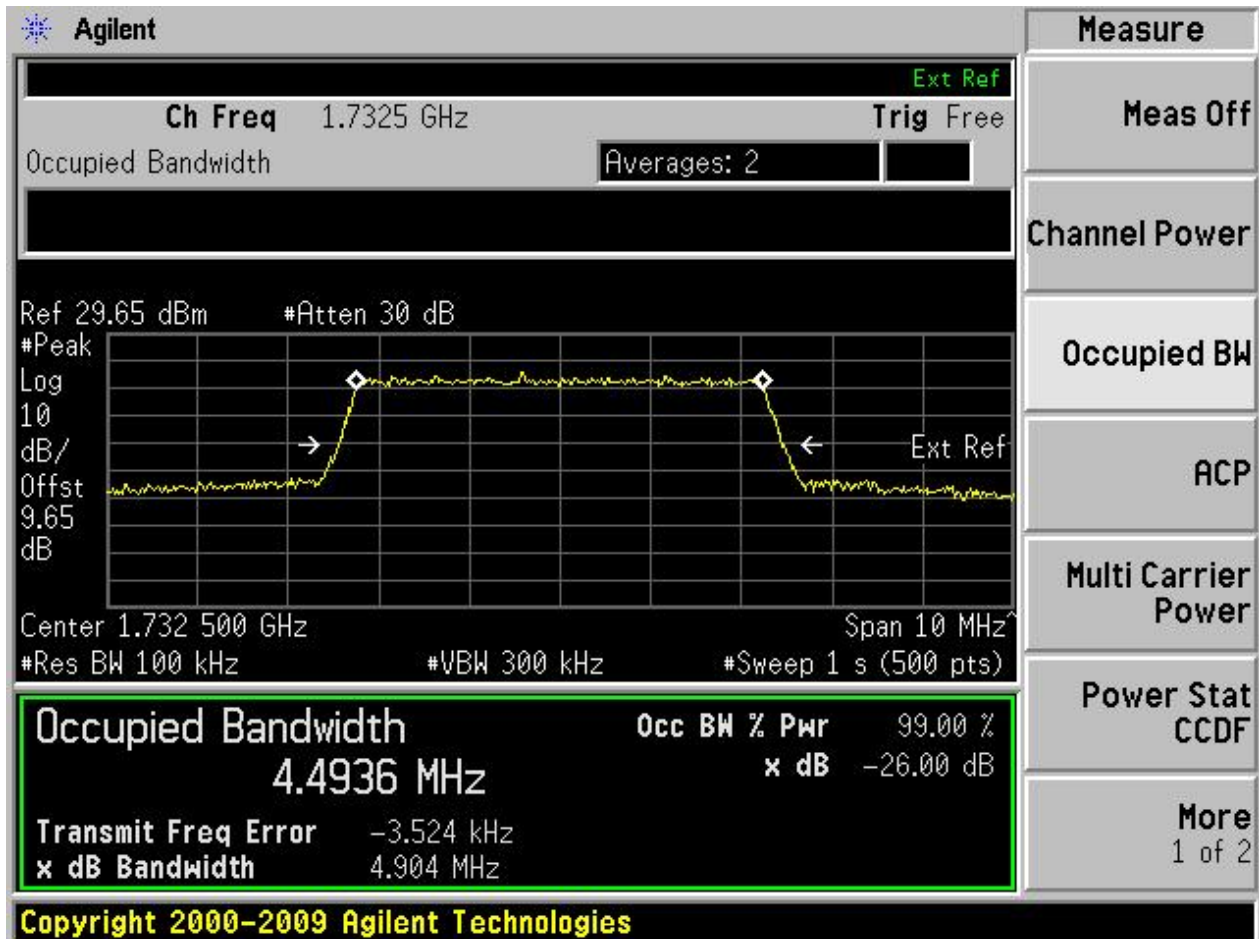
2.22 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20175, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)(NTNV)



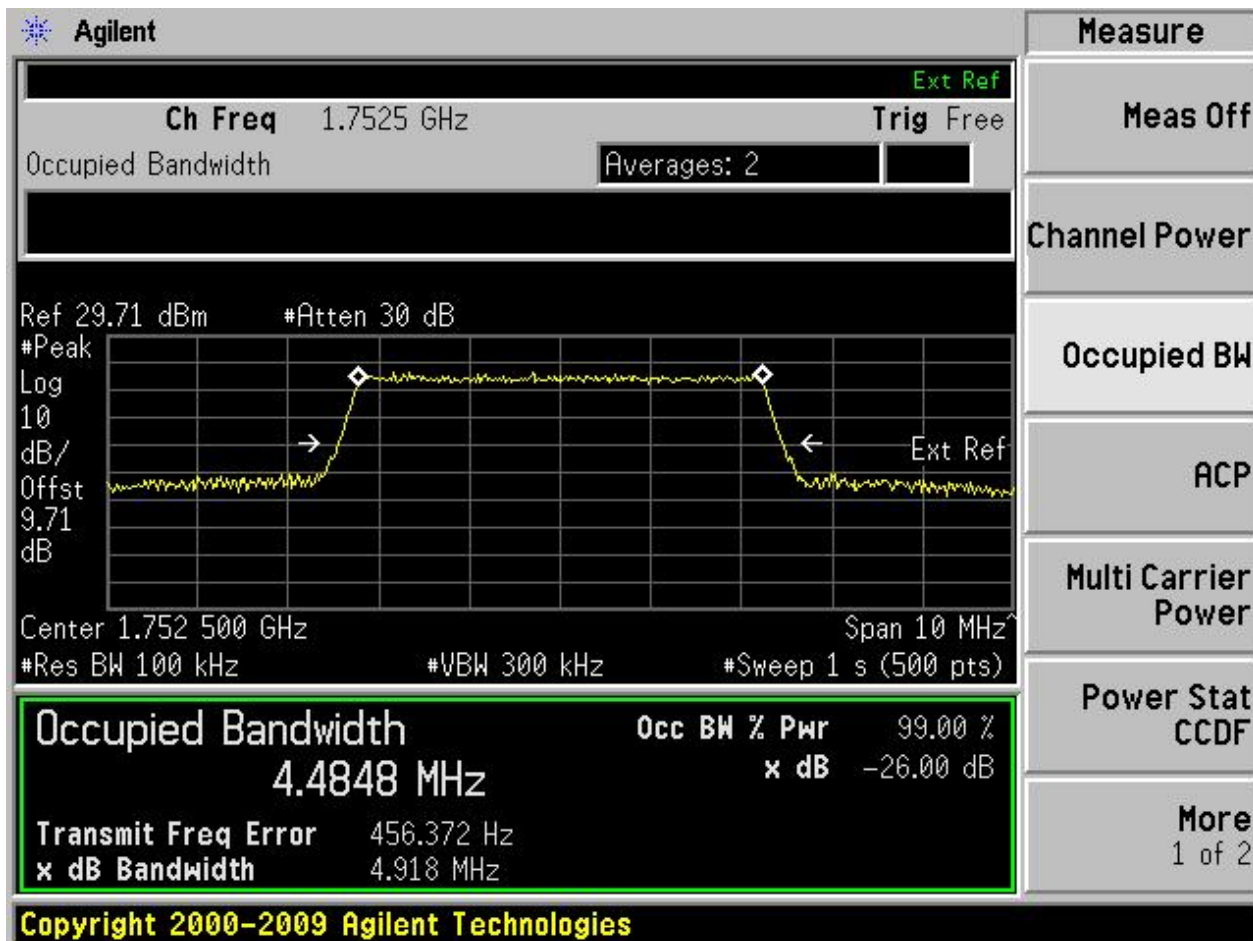
2.23 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20175, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)(NTNV)



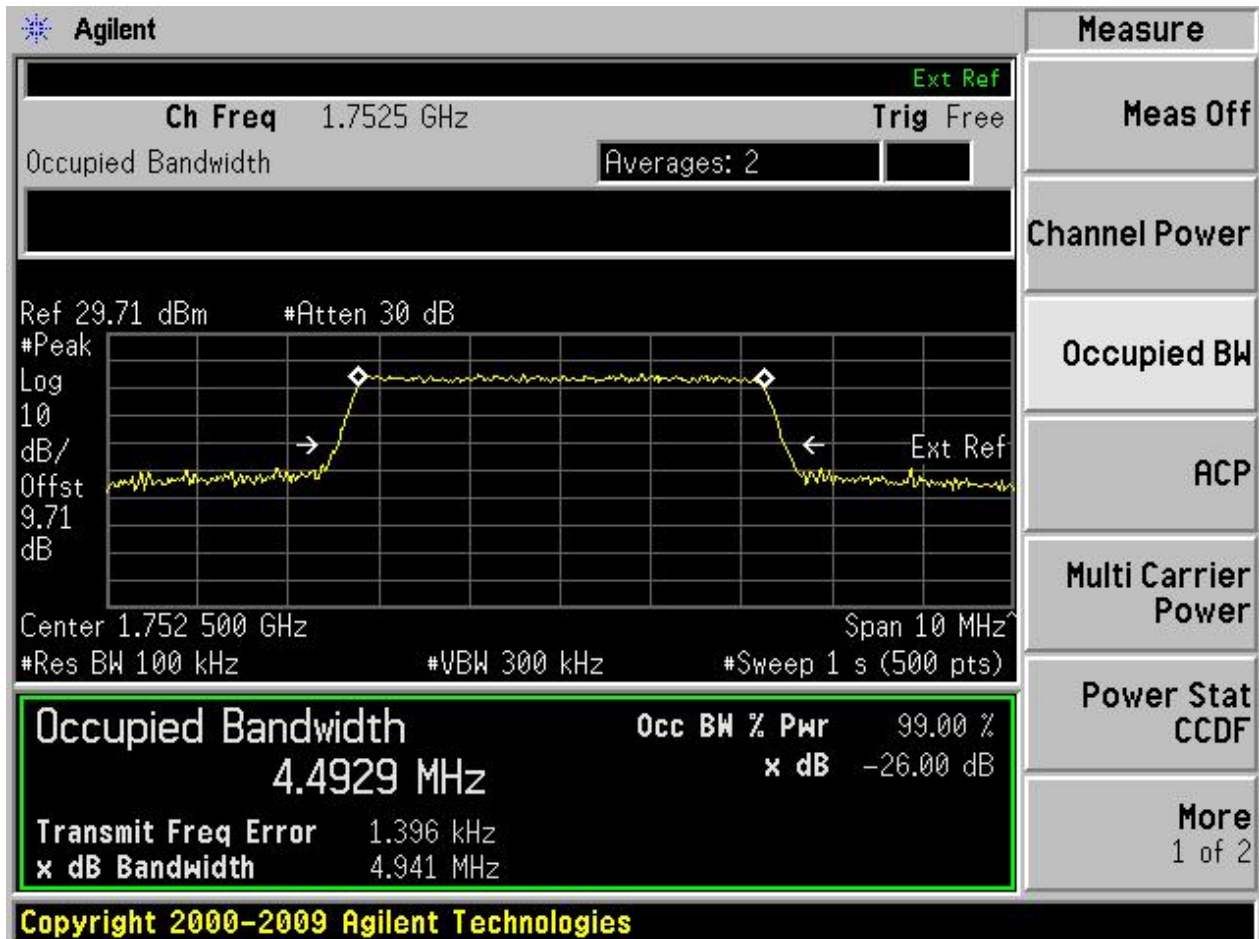
2.24 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20175, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)(NTNV)



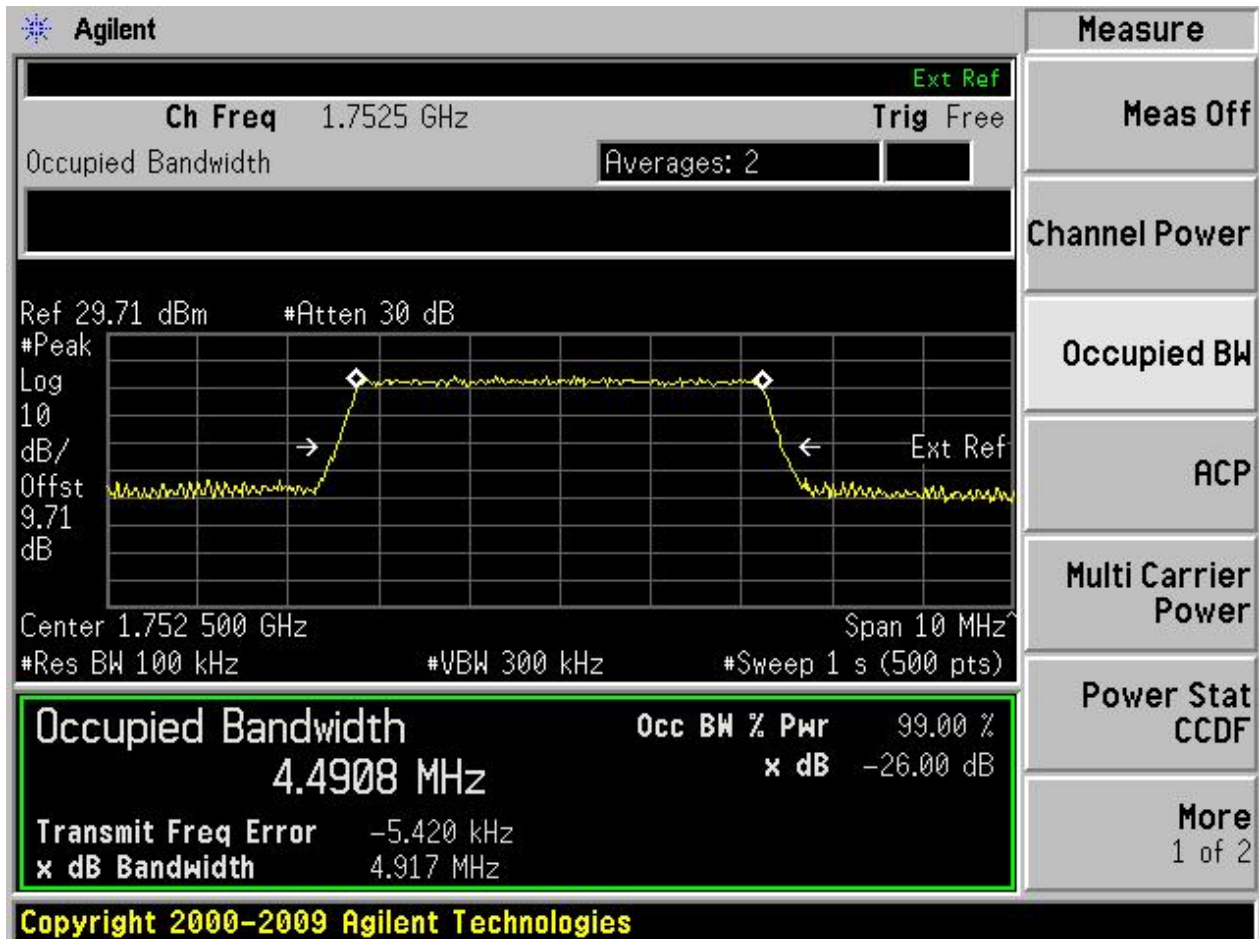
2.25 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20375, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)(NTNV)



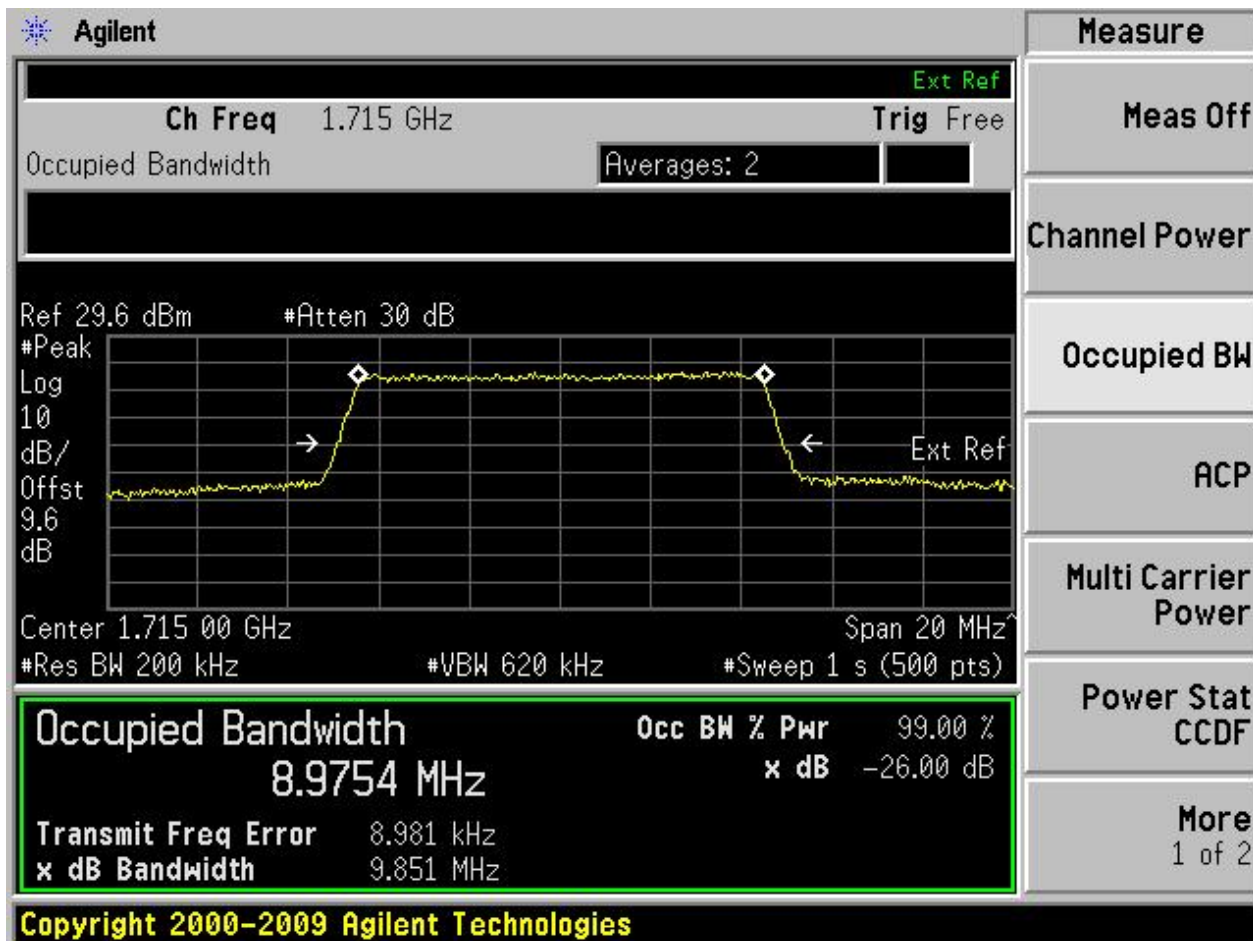
2.26 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20375, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)(NTNV)



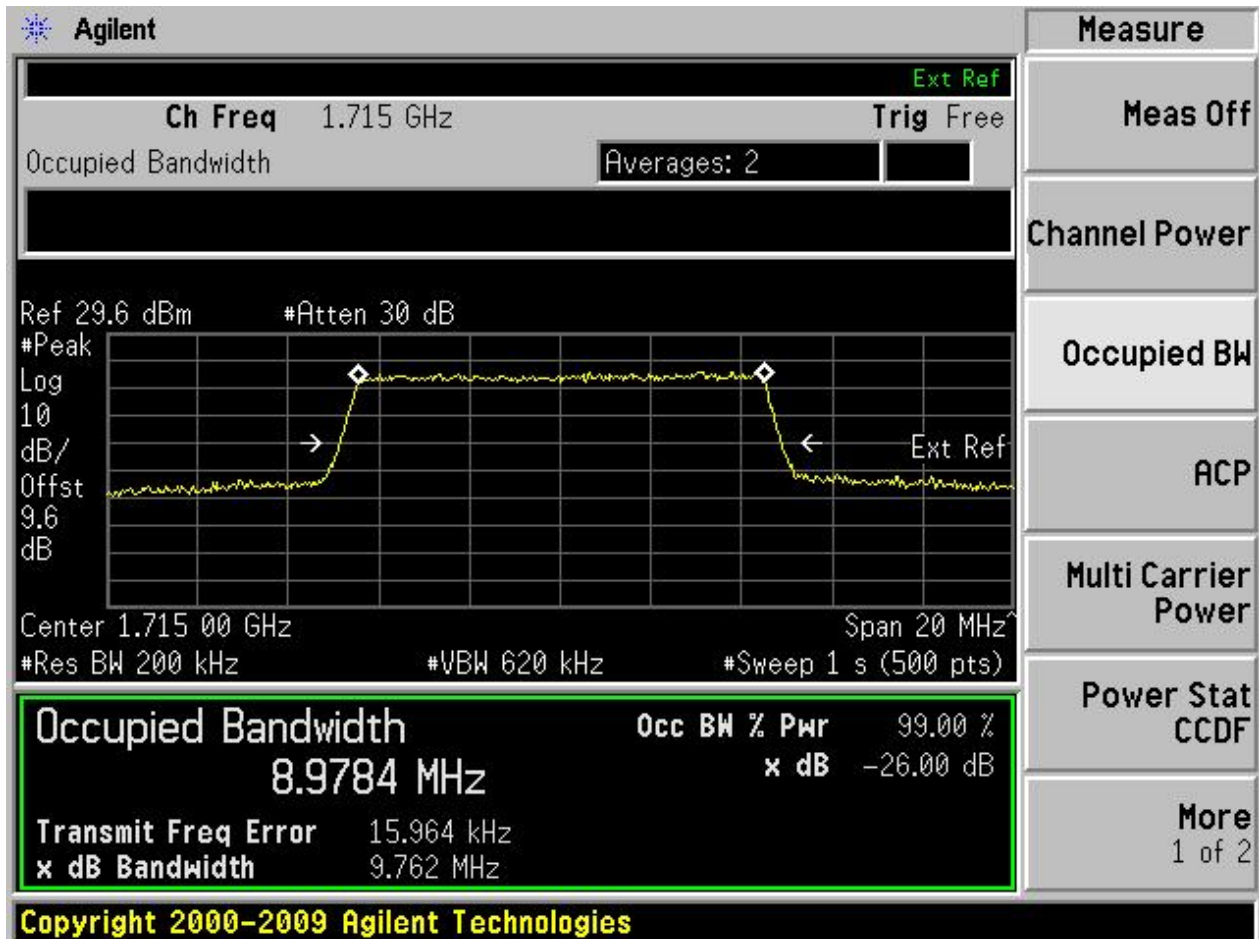
2.27 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20375, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)(NTNV)



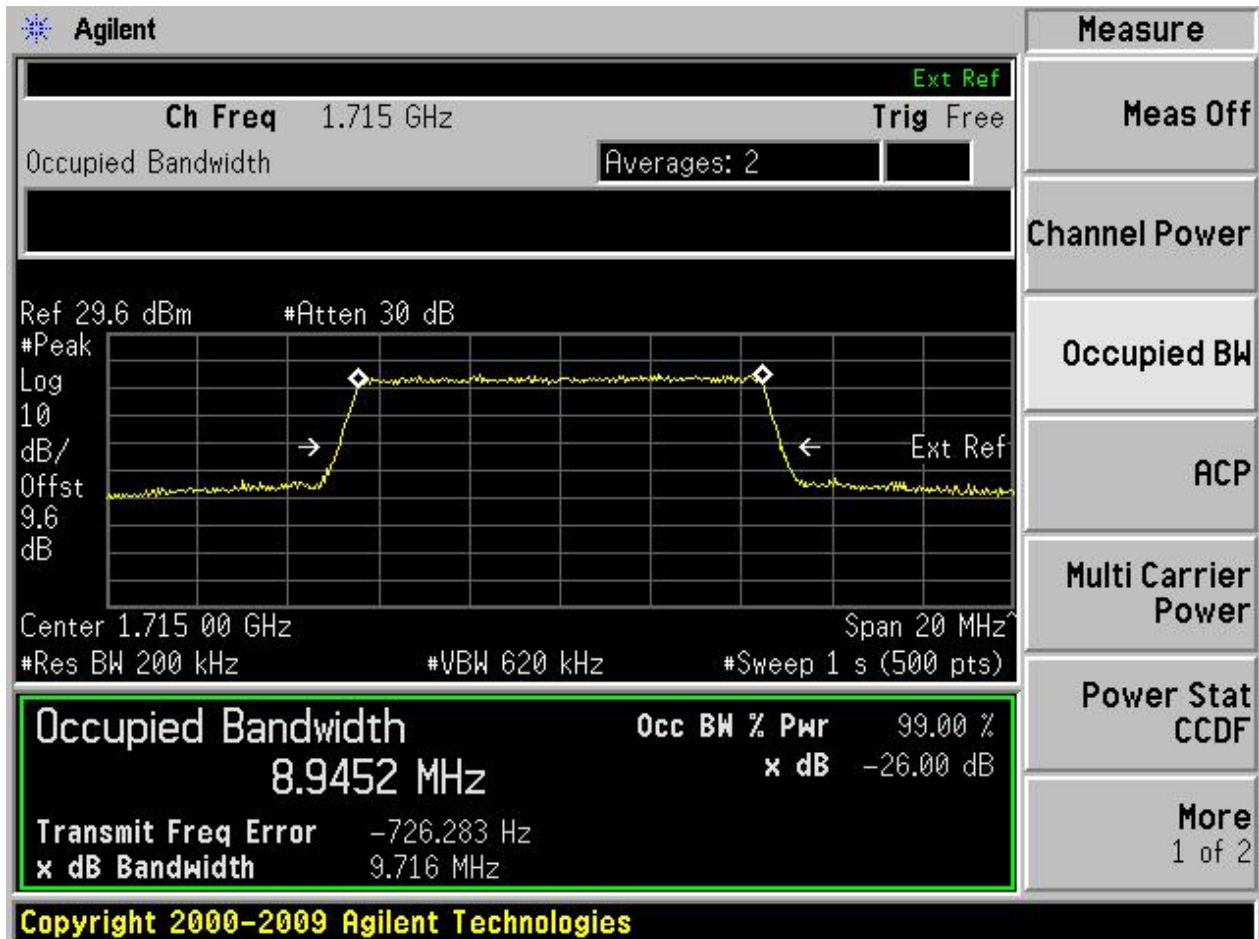
2.28 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20000, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)(NTNV)



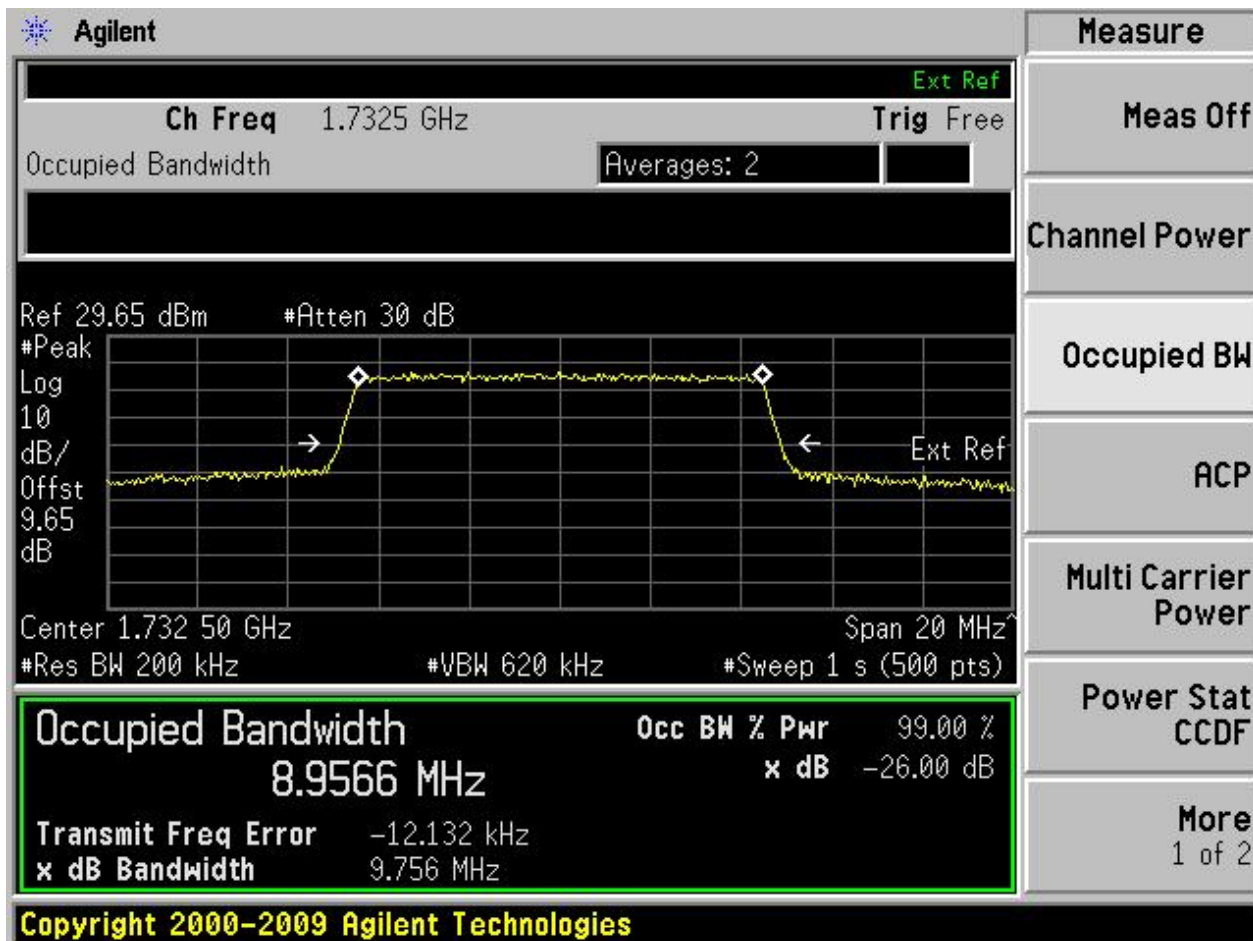
2.29 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20000, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)(NTNV)



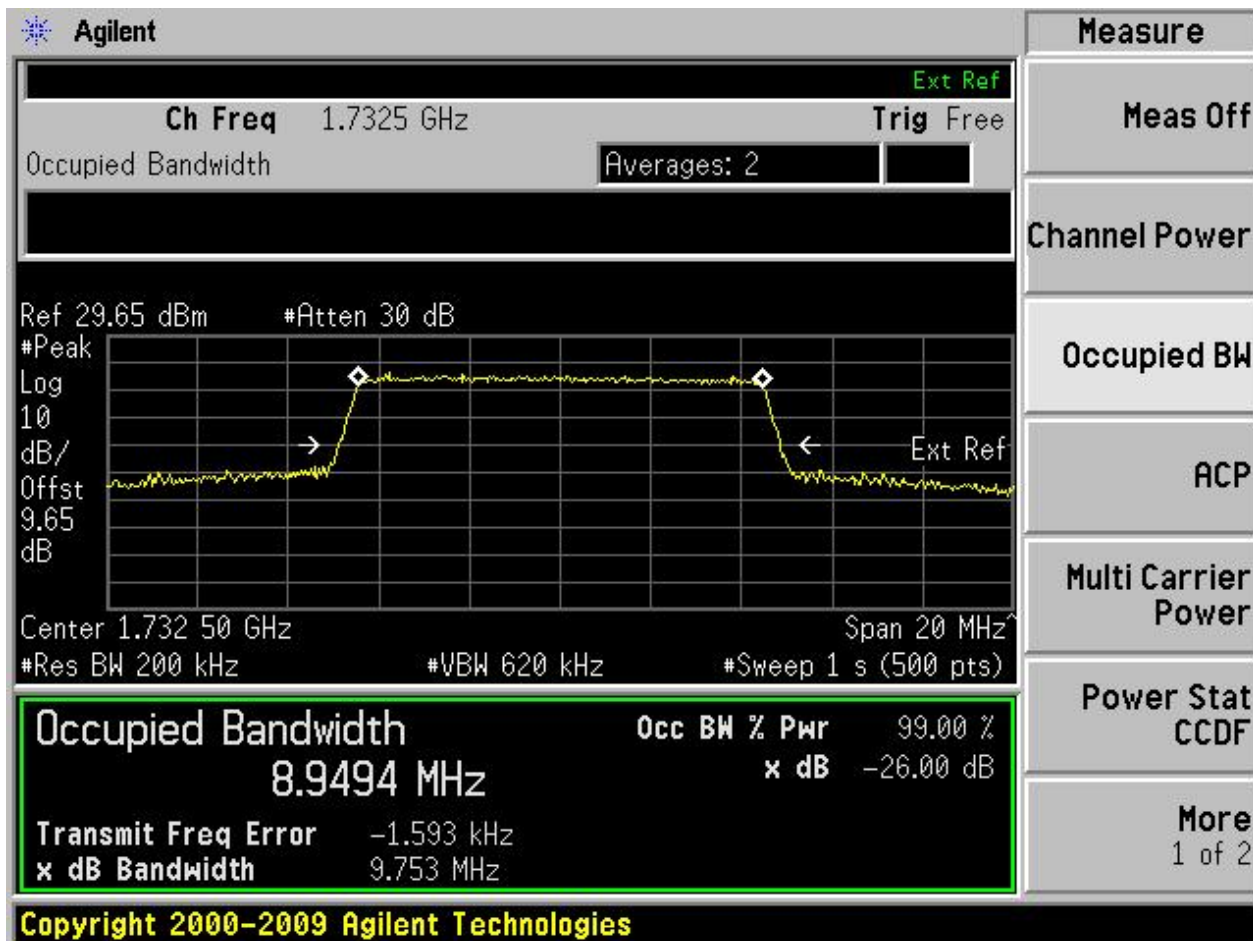
2.30 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20000, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)(NTNV)



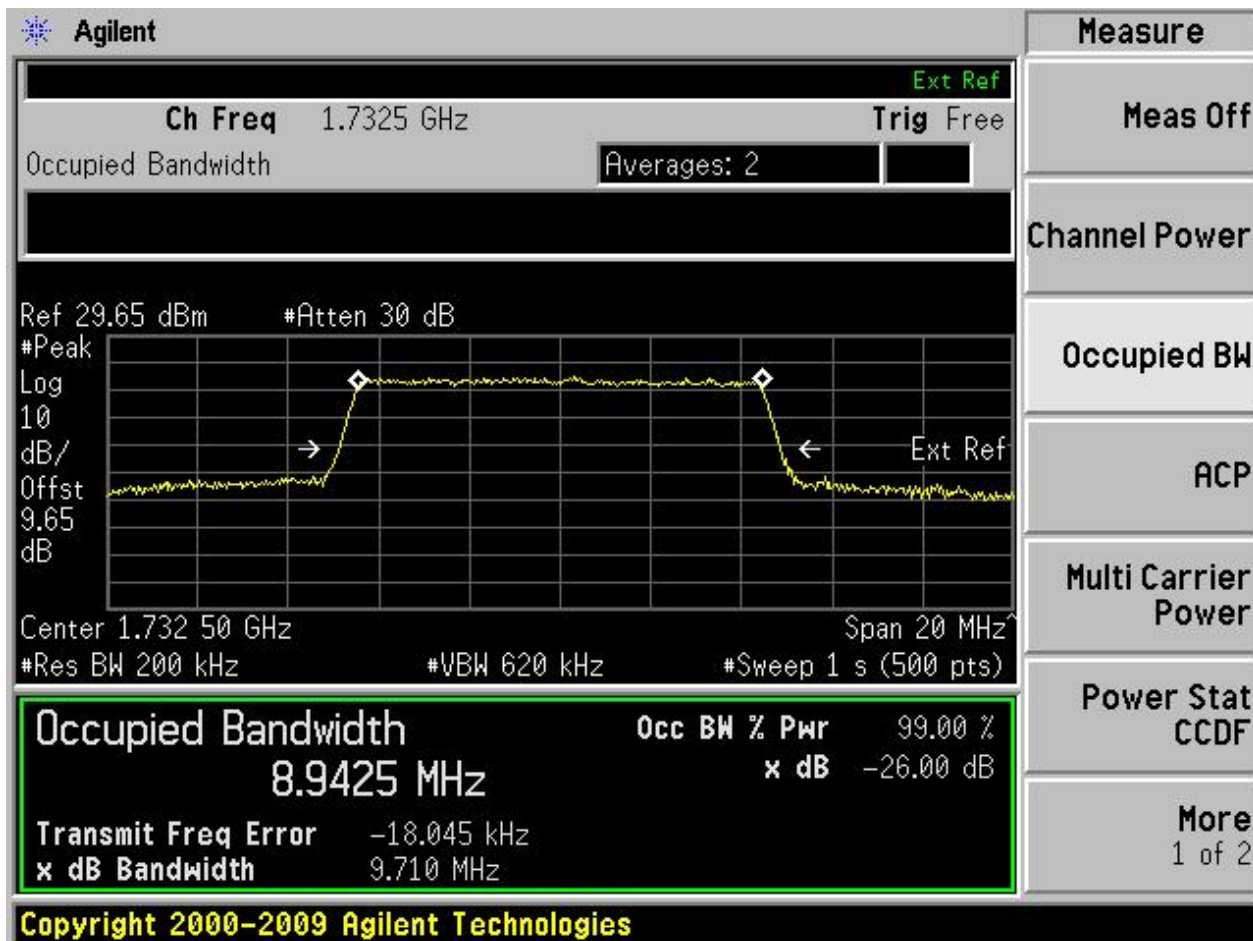
2.31 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20175, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)(NTNV)



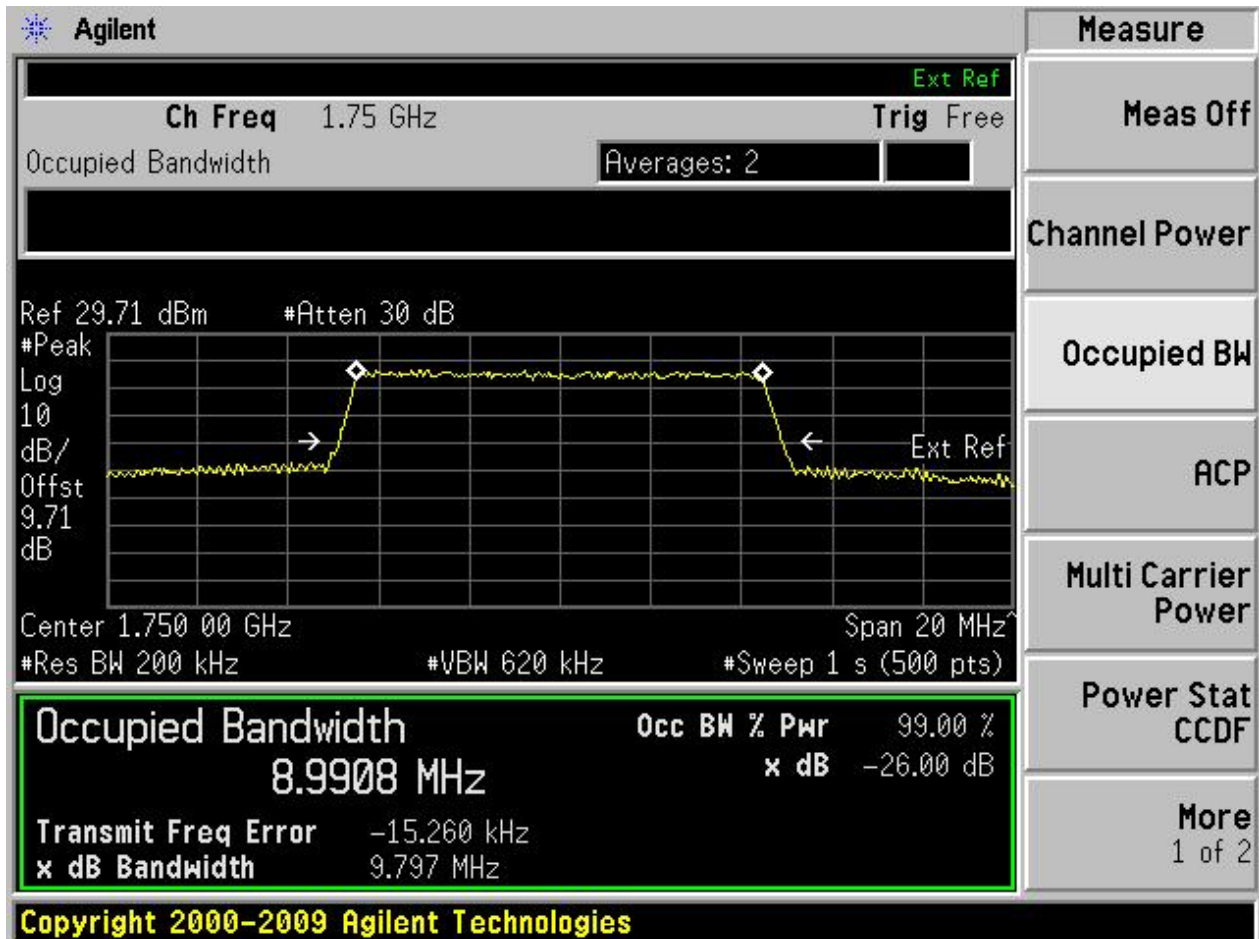
2.32 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20175, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)(NTNV)



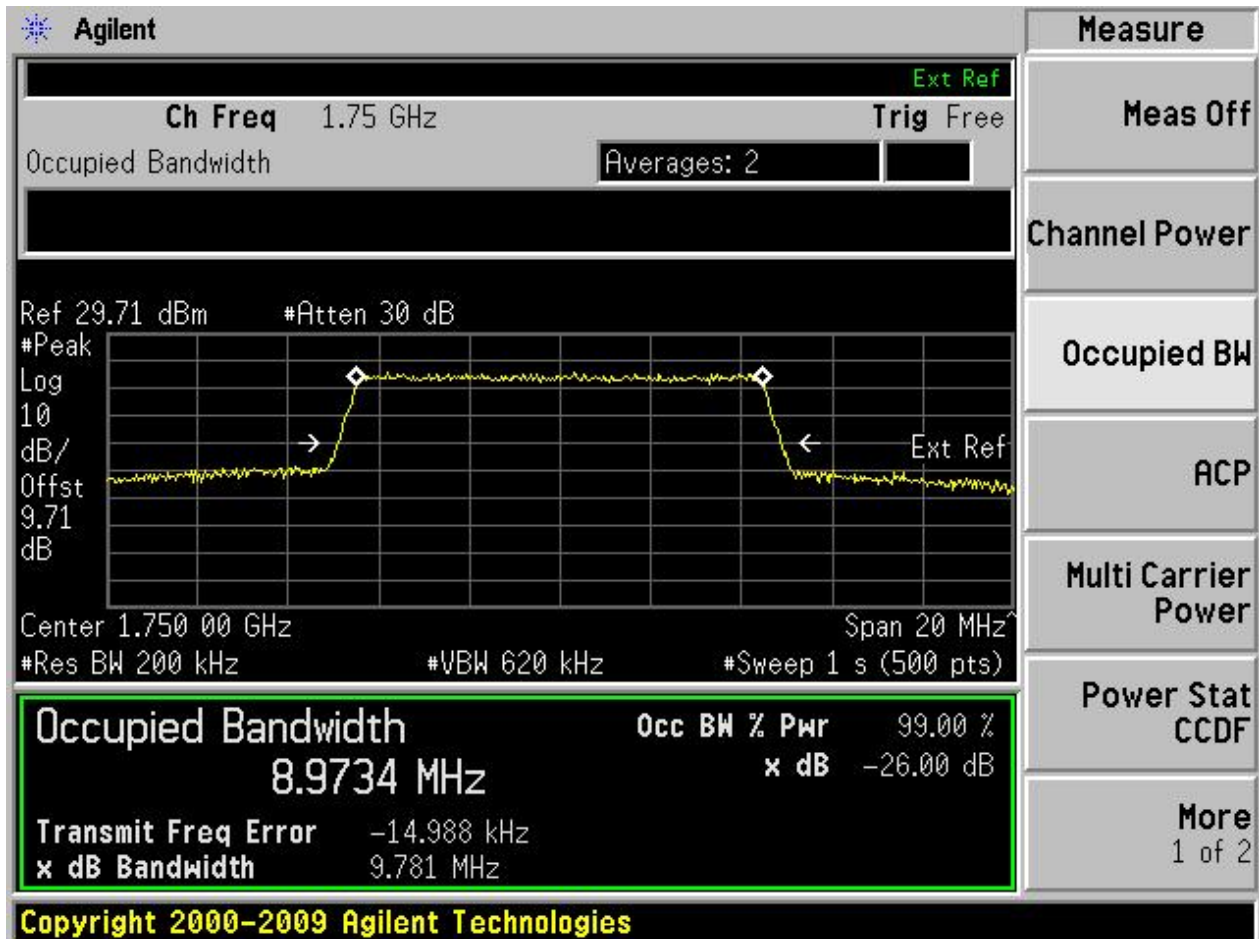
2.33 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20175, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)(NTNV)



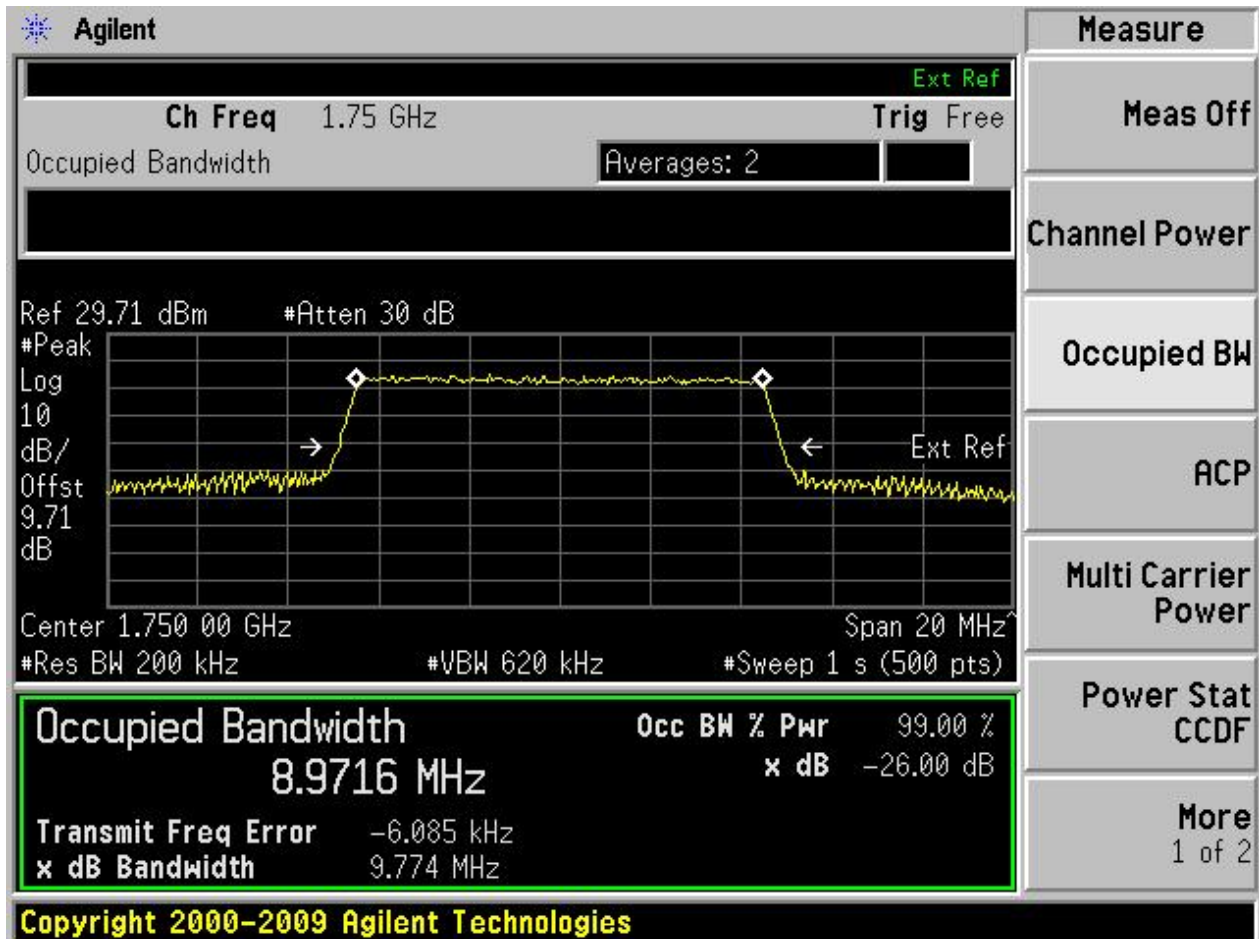
2.34 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20350, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)(NTNV)



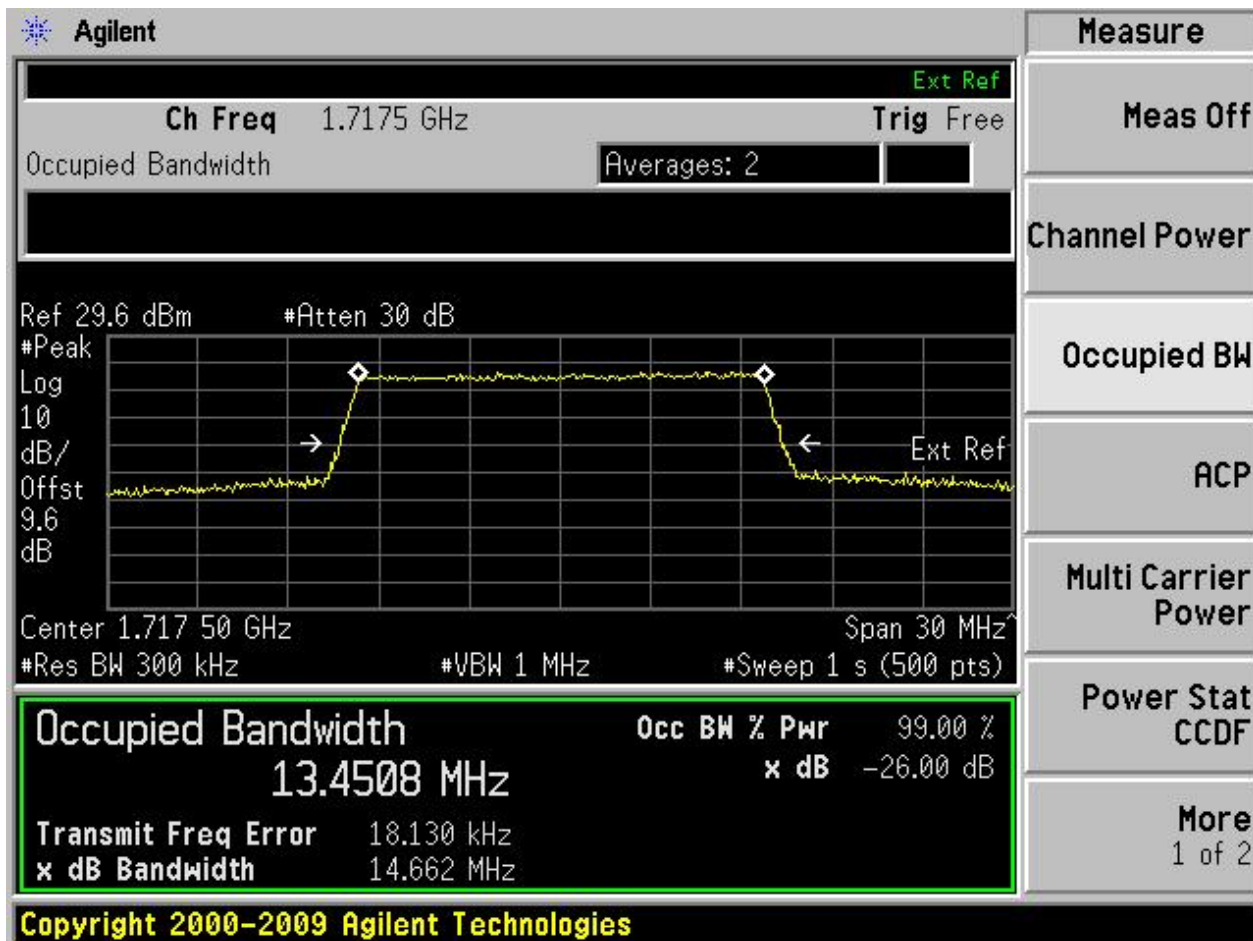
2.35 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20350, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)(NTNV)



2.36 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20350, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)(NTNV)



2.37 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20025, Bandwidth:15, Modulation:QPSK, RB Number:75, RB Position:0)(NTNV)



Agilent

Ch Freq 1.7175 GHz **Trig** Free **Ext Ref**

Occupied Bandwidth **Averages: 2**

Ref 29.6 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.6 dB

Center 1.717 50 GHz Span 30 MHz

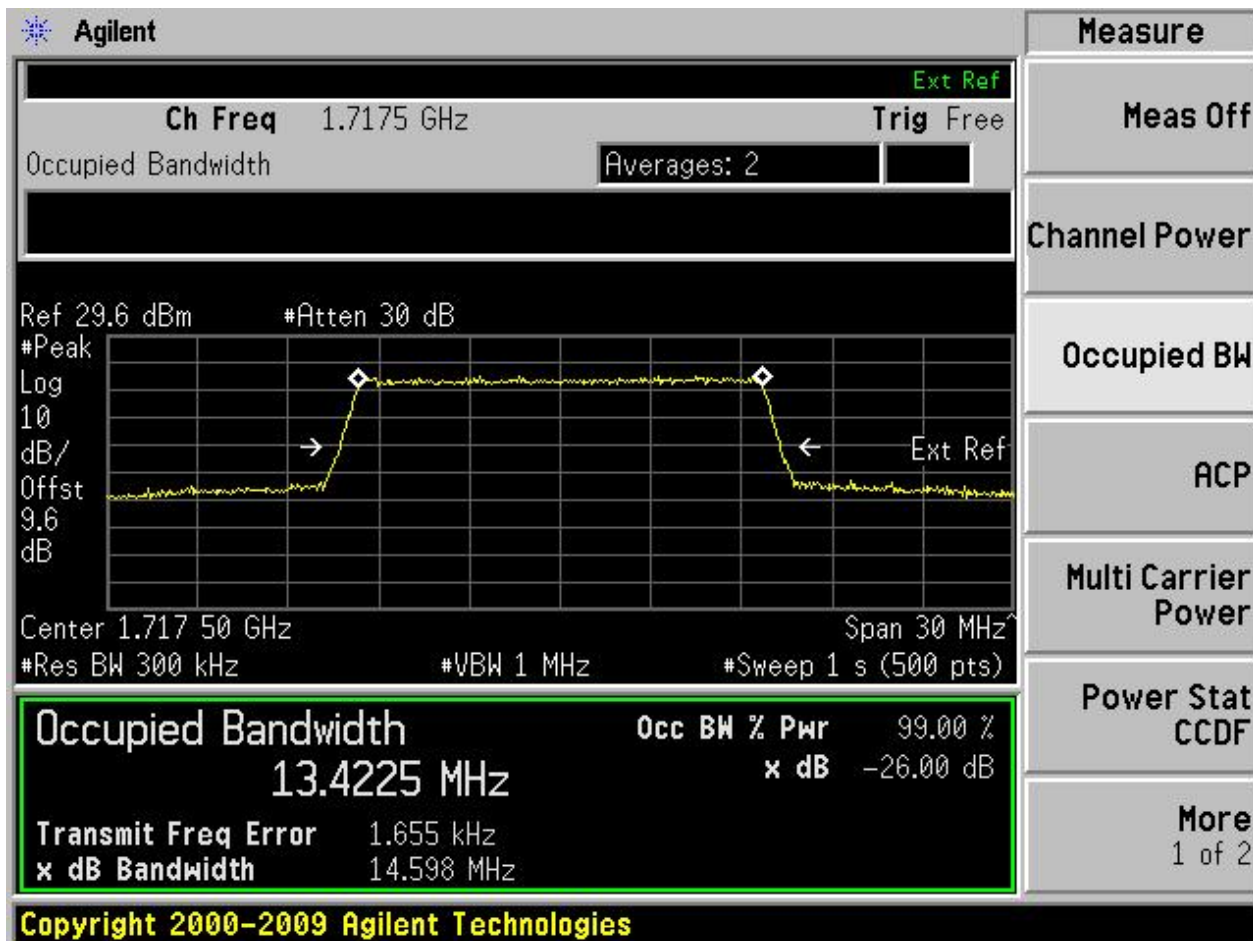
#Res BW 300 kHz #VBW 1 MHz #Sweep 1 s (500 pts)

Occupied Bandwidth 13.4598 MHz **Occ BW % Pwr** 99.00 %

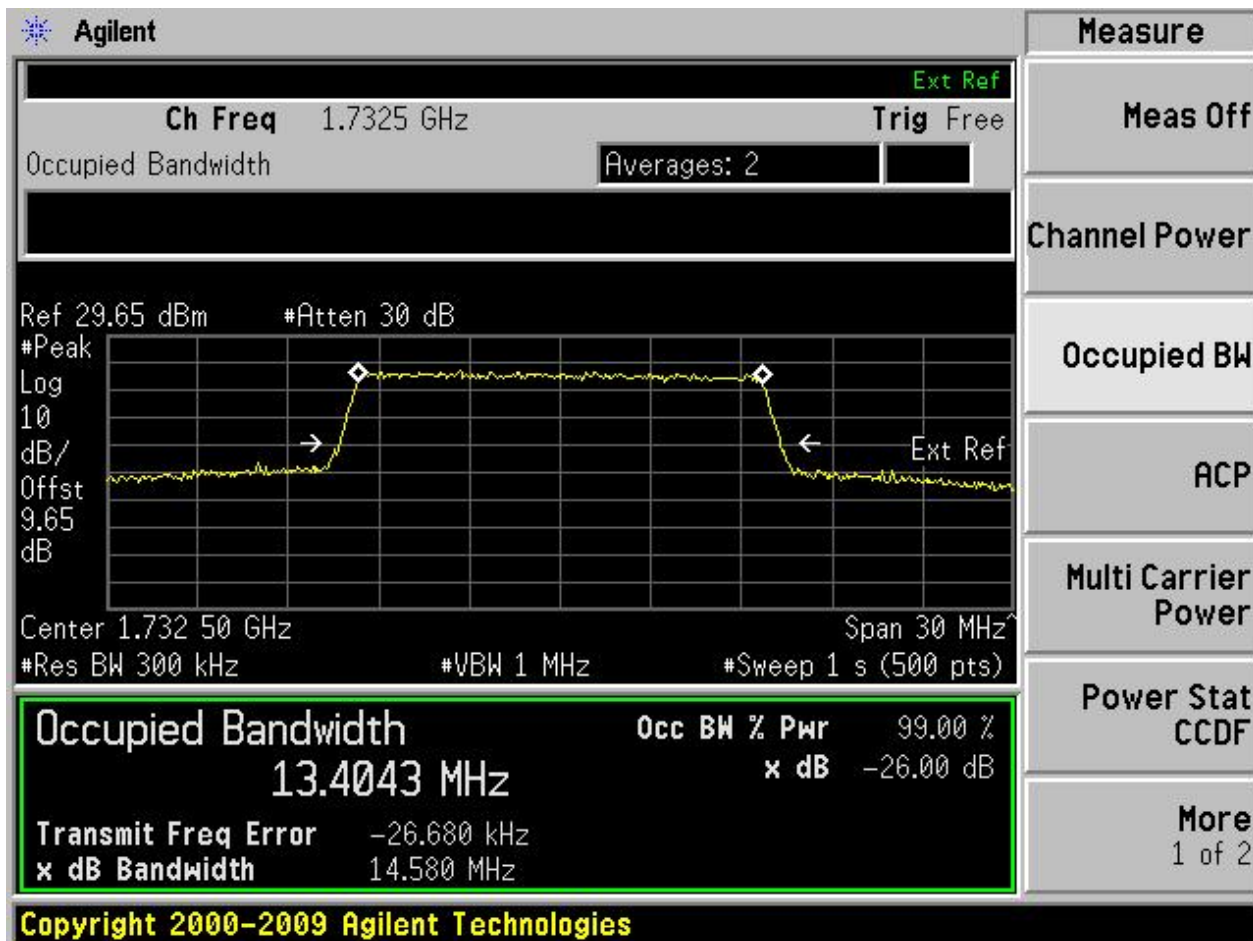
Transmit Freq Error 22.652 kHz **x dB** -26.00 dB

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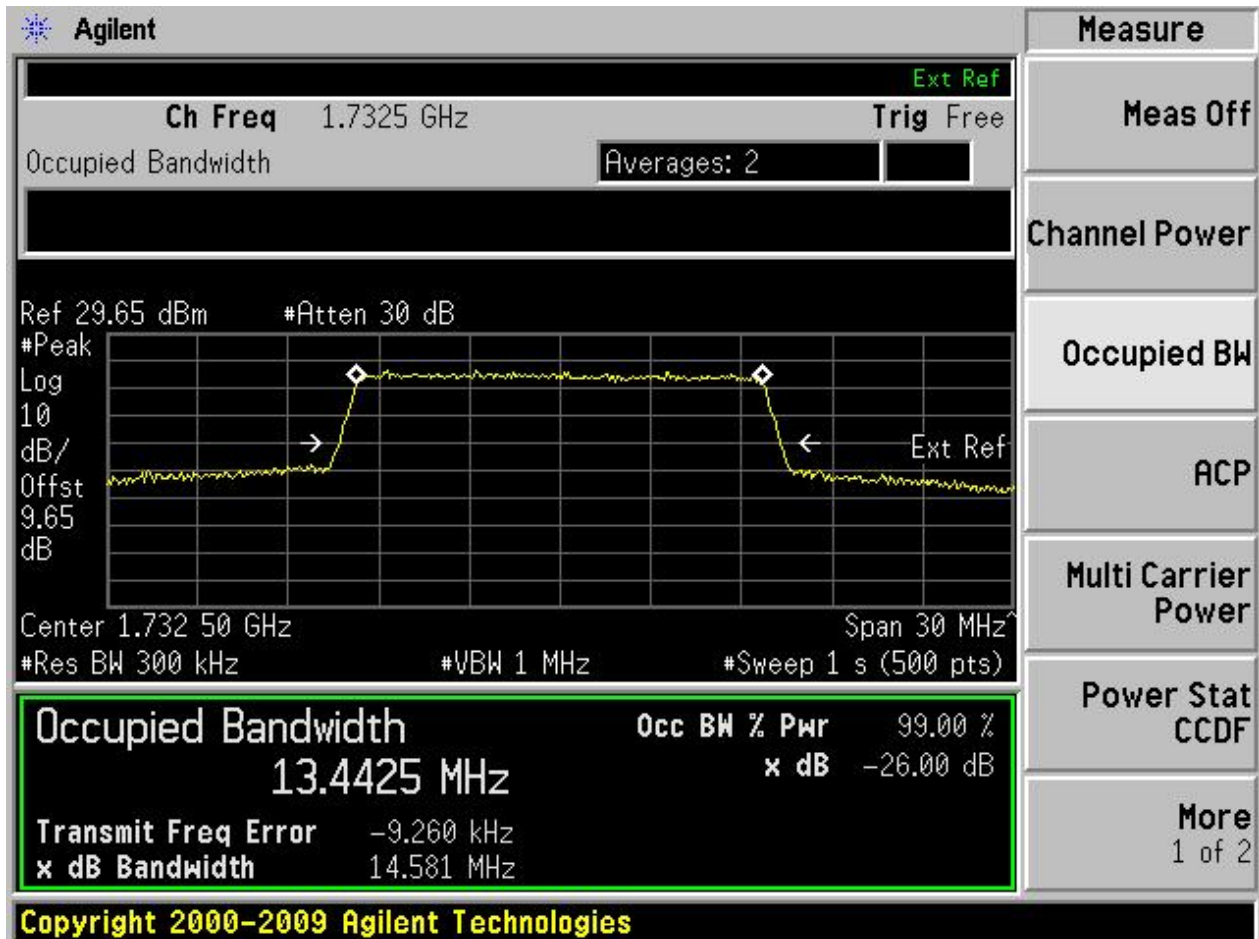
2.39 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20025, Bandwidth:15, Modulation:64QAM, RB Number:75, RB Position:0)(NTNV)



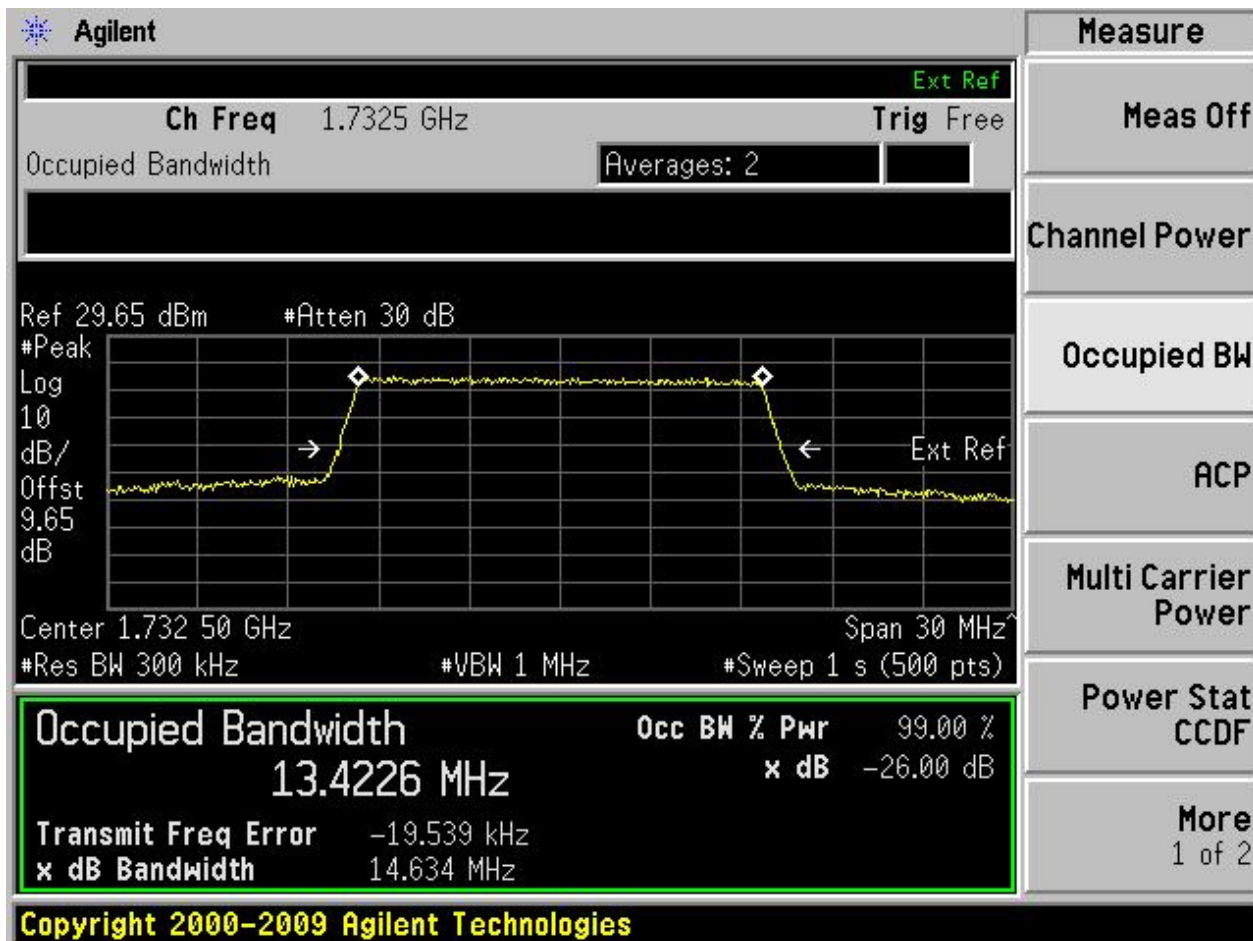
2.40 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20175, Bandwidth:15, Modulation:QPSK, RB Number:75, RB Position:0)(NTNV)



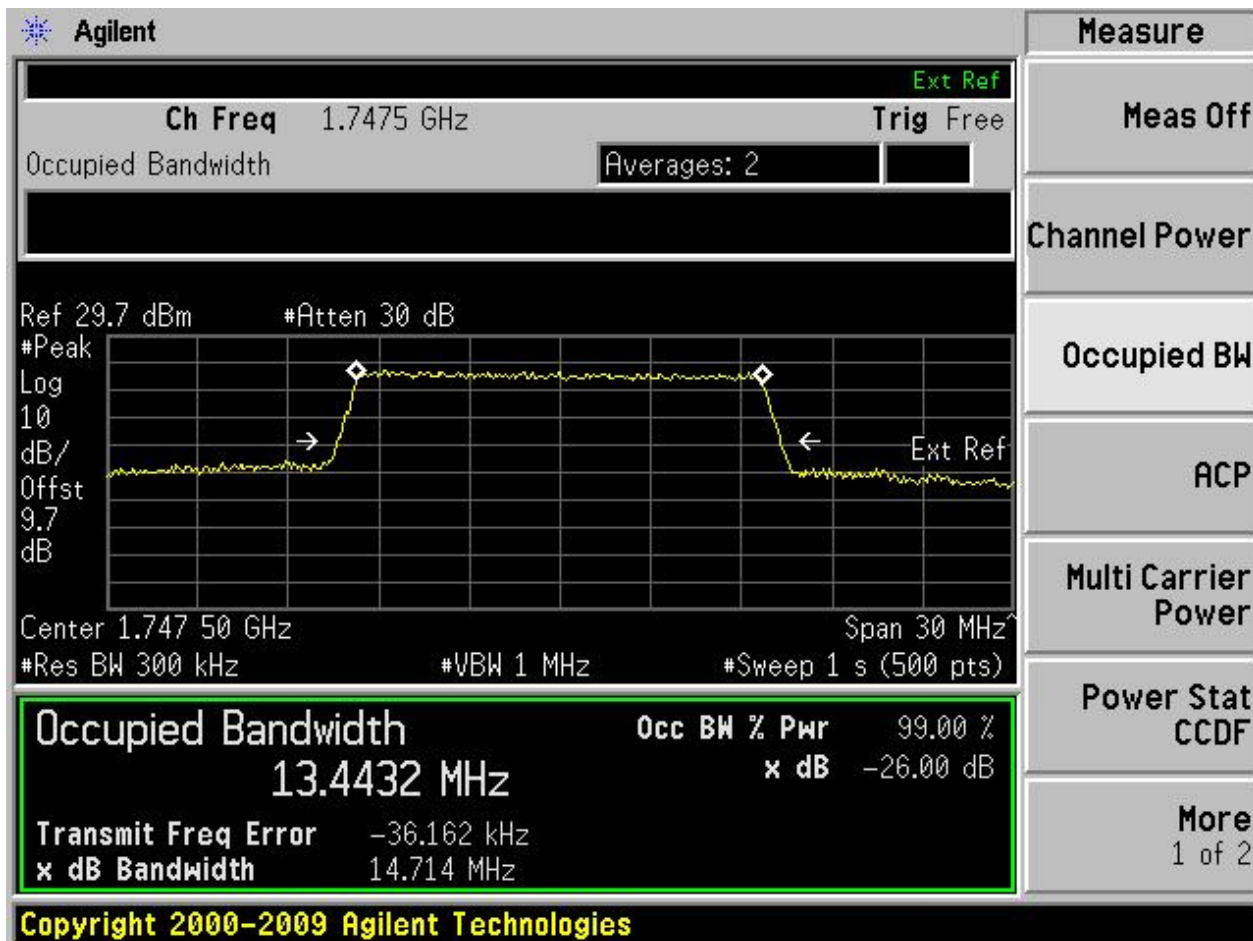
2.41 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20175, Bandwidth:15, Modulation:16QAM, RB Number:75, RB Position:0)(NTNV)



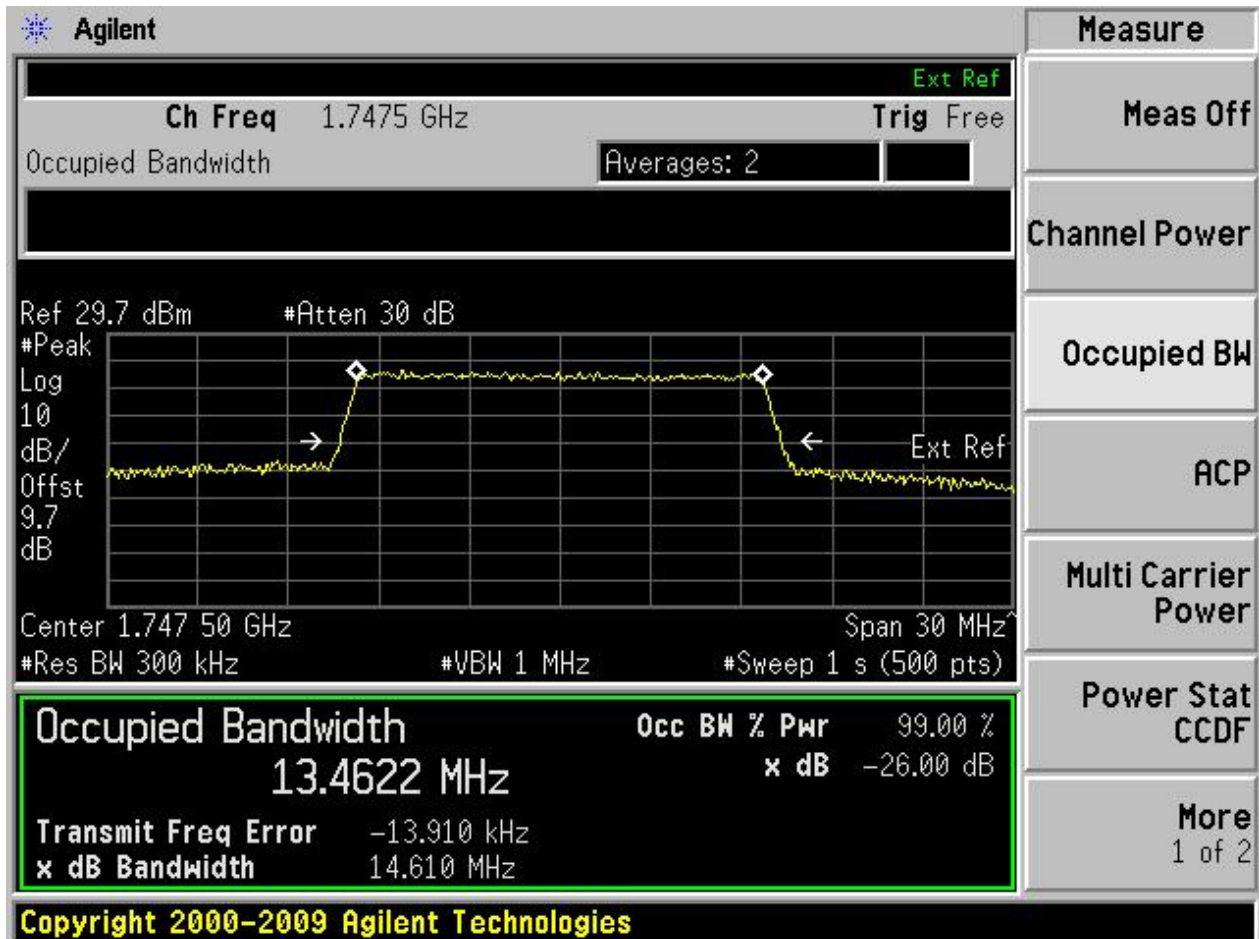
2.42 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20175, Bandwidth:15, Modulation:64QAM, RB Number:75, RB Position:0)(NTNV)



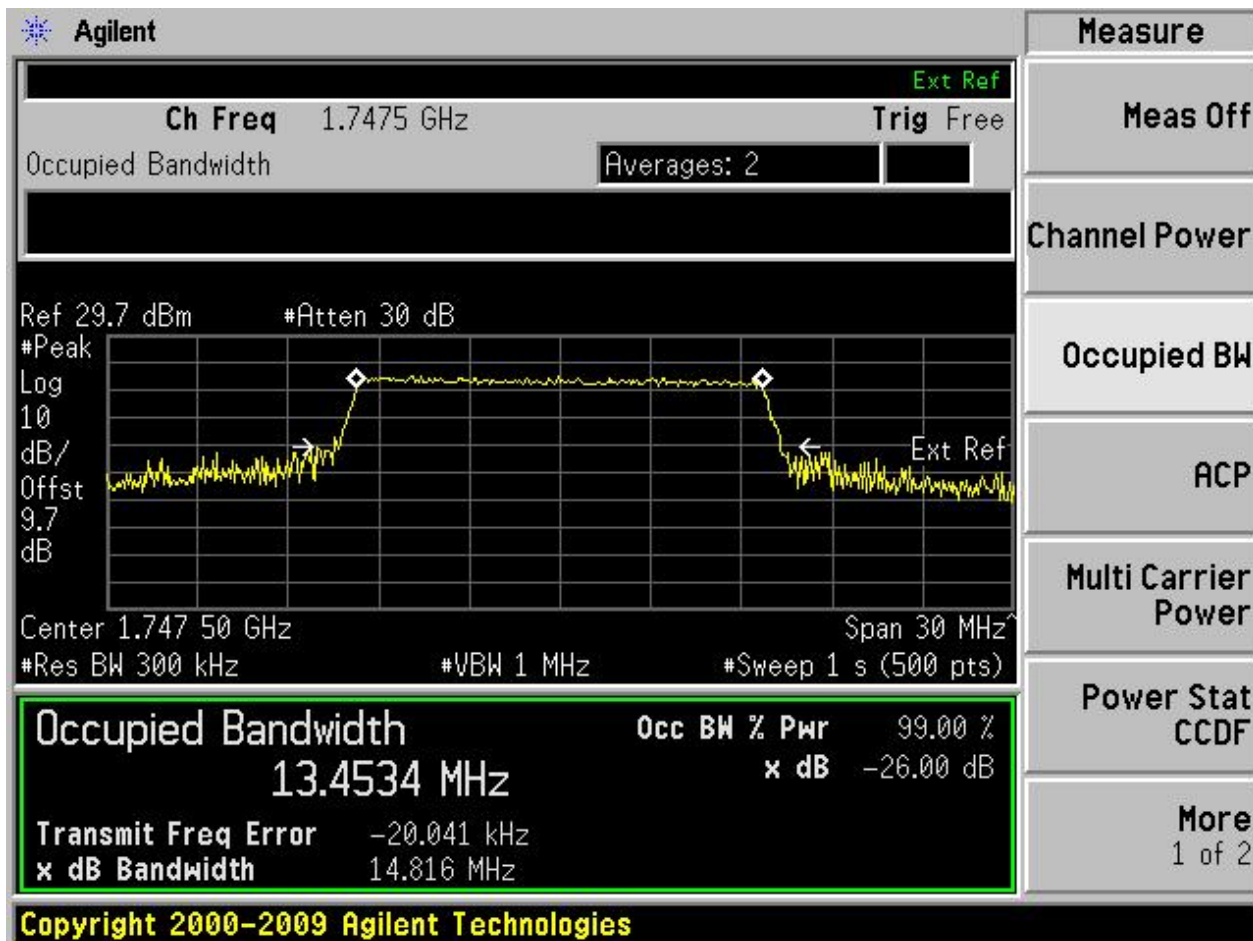
2.43 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20325, Bandwidth:15, Modulation:QPSK, RB Number:75, RB Position:0)(NTNV)



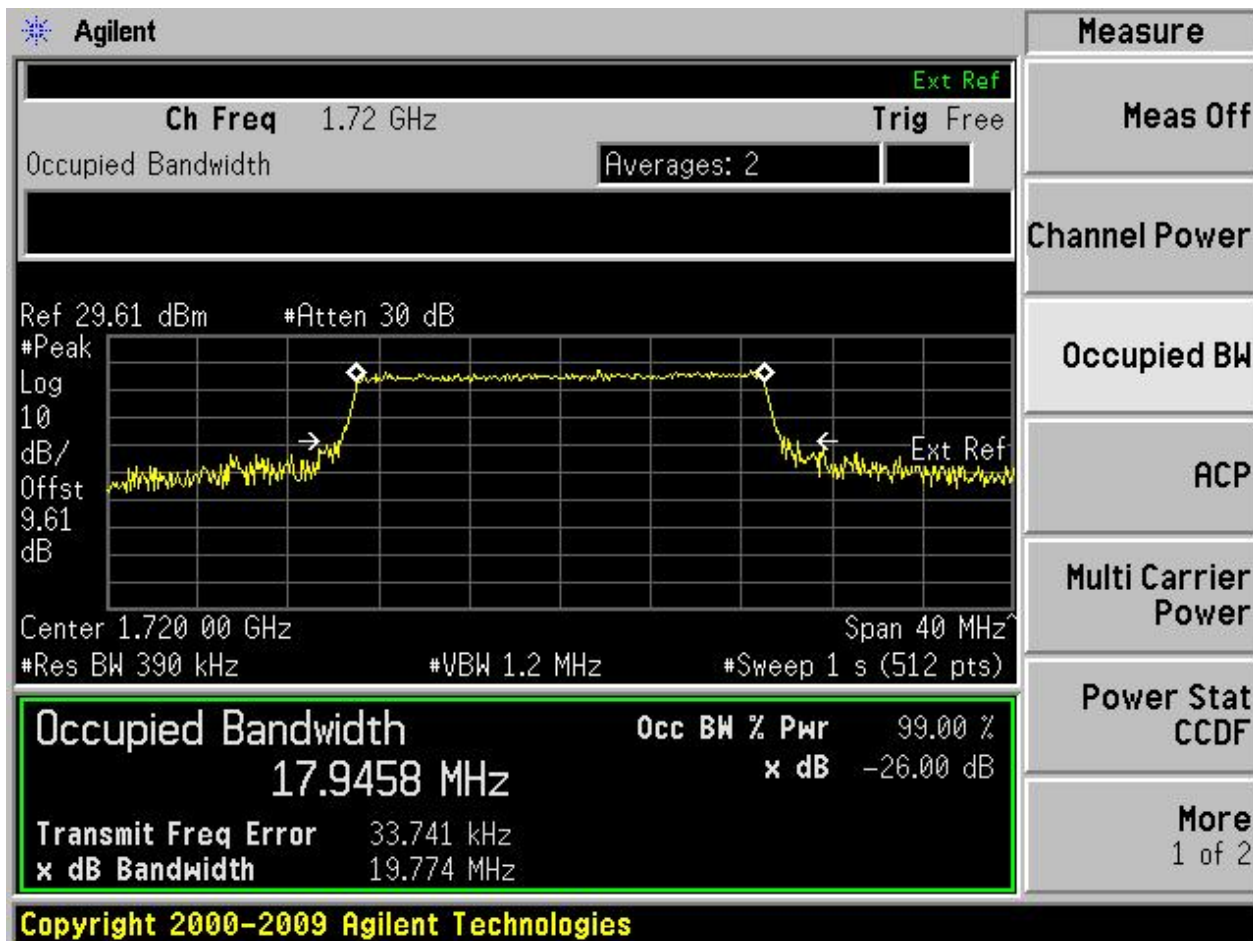
2.44 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20325, Bandwidth:15, Modulation:16QAM, RB Number:75, RB Position:0)(NTNV)



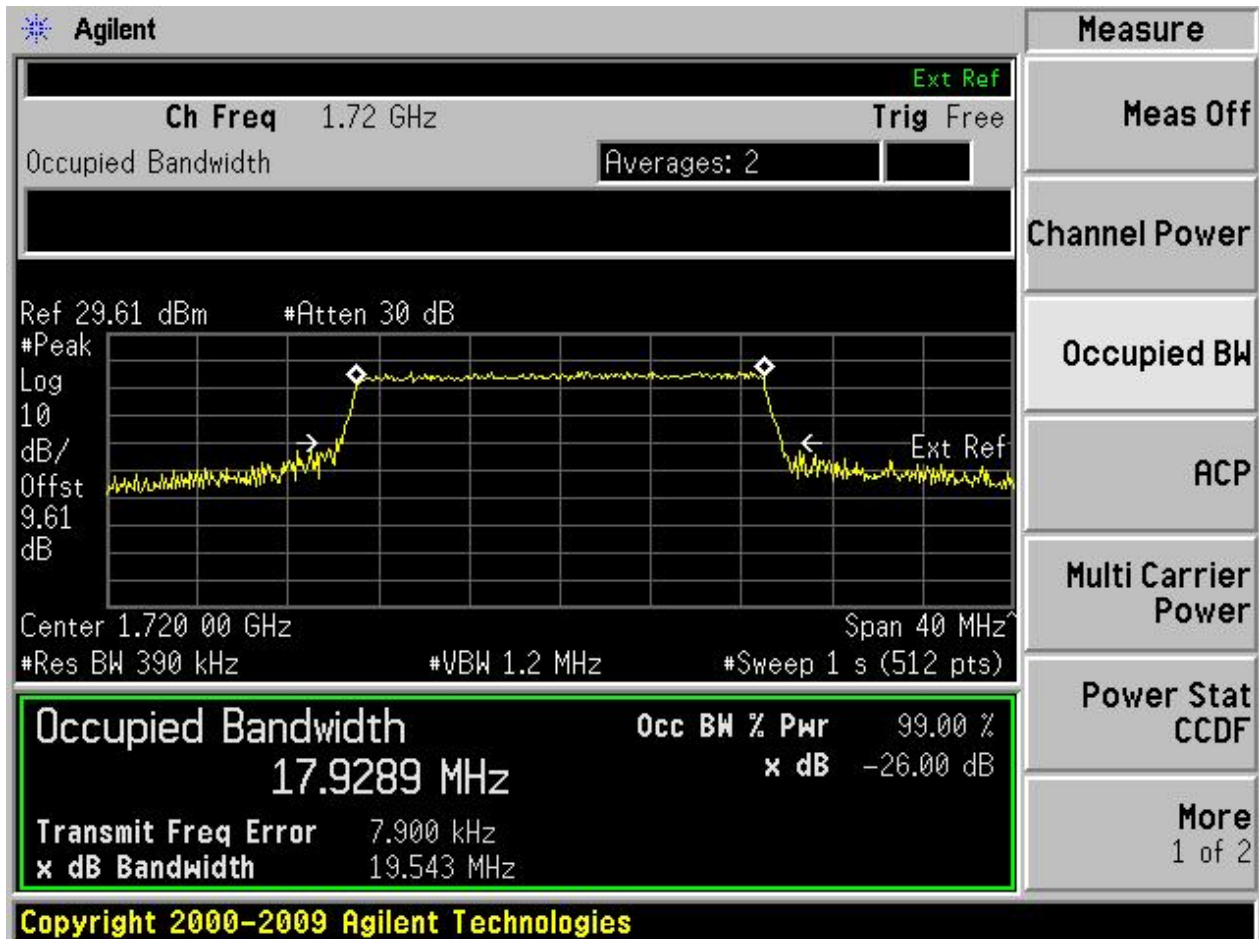
2.45 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20325, Bandwidth:15, Modulation:64QAM, RB Number:75, RB Position:0)(NTNV)



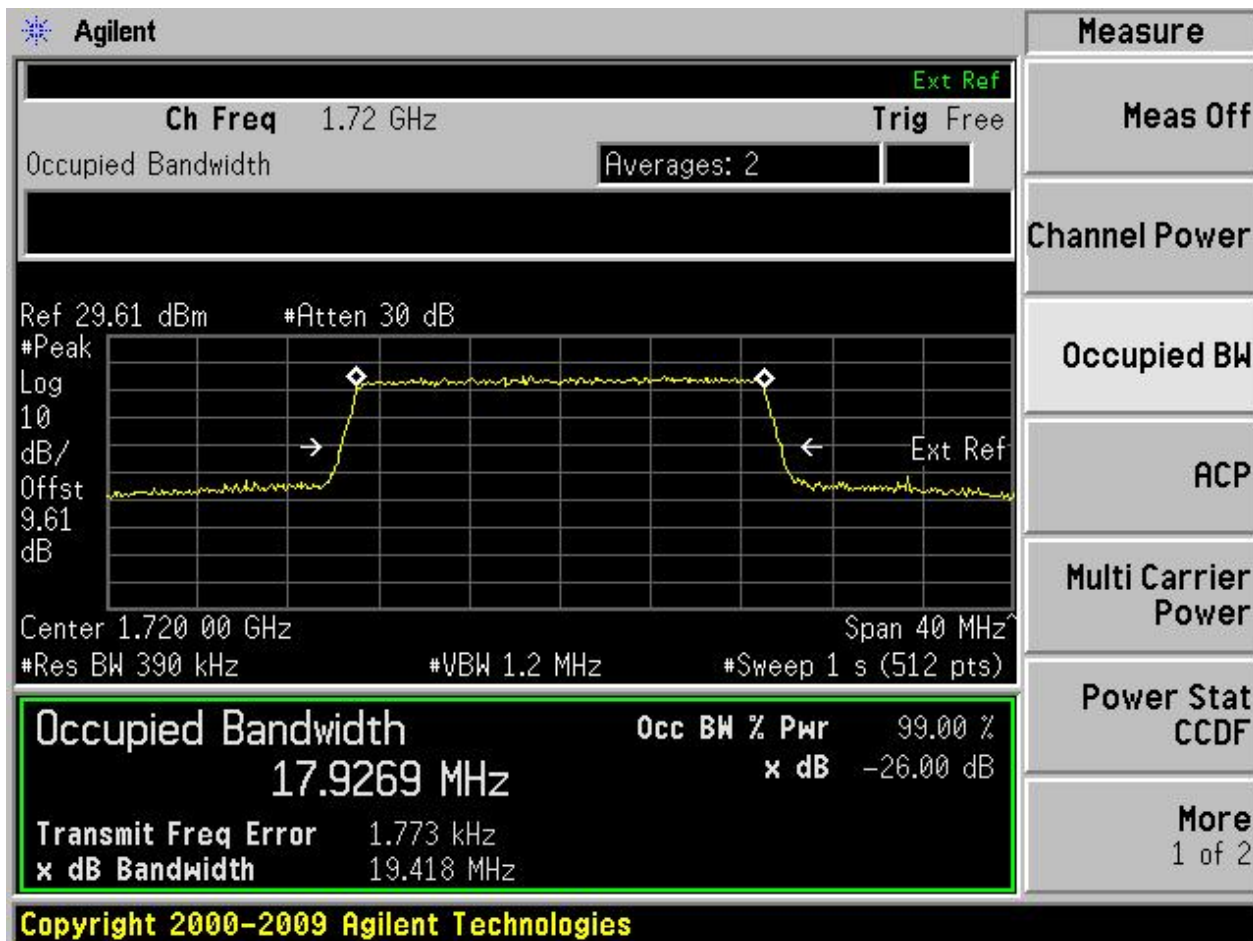
2.46 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)(NTNV)



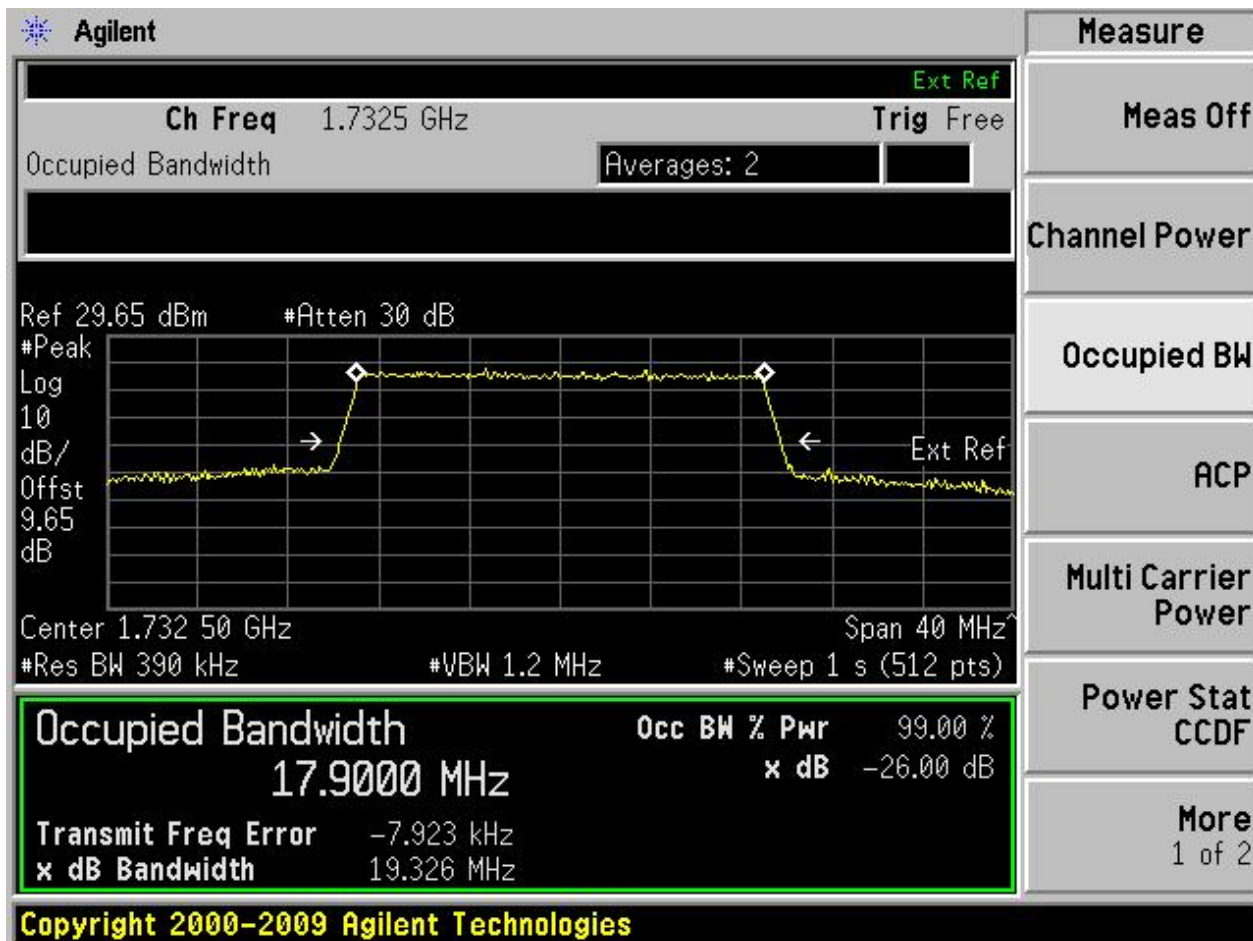
2.47 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20050, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)(NTNV)



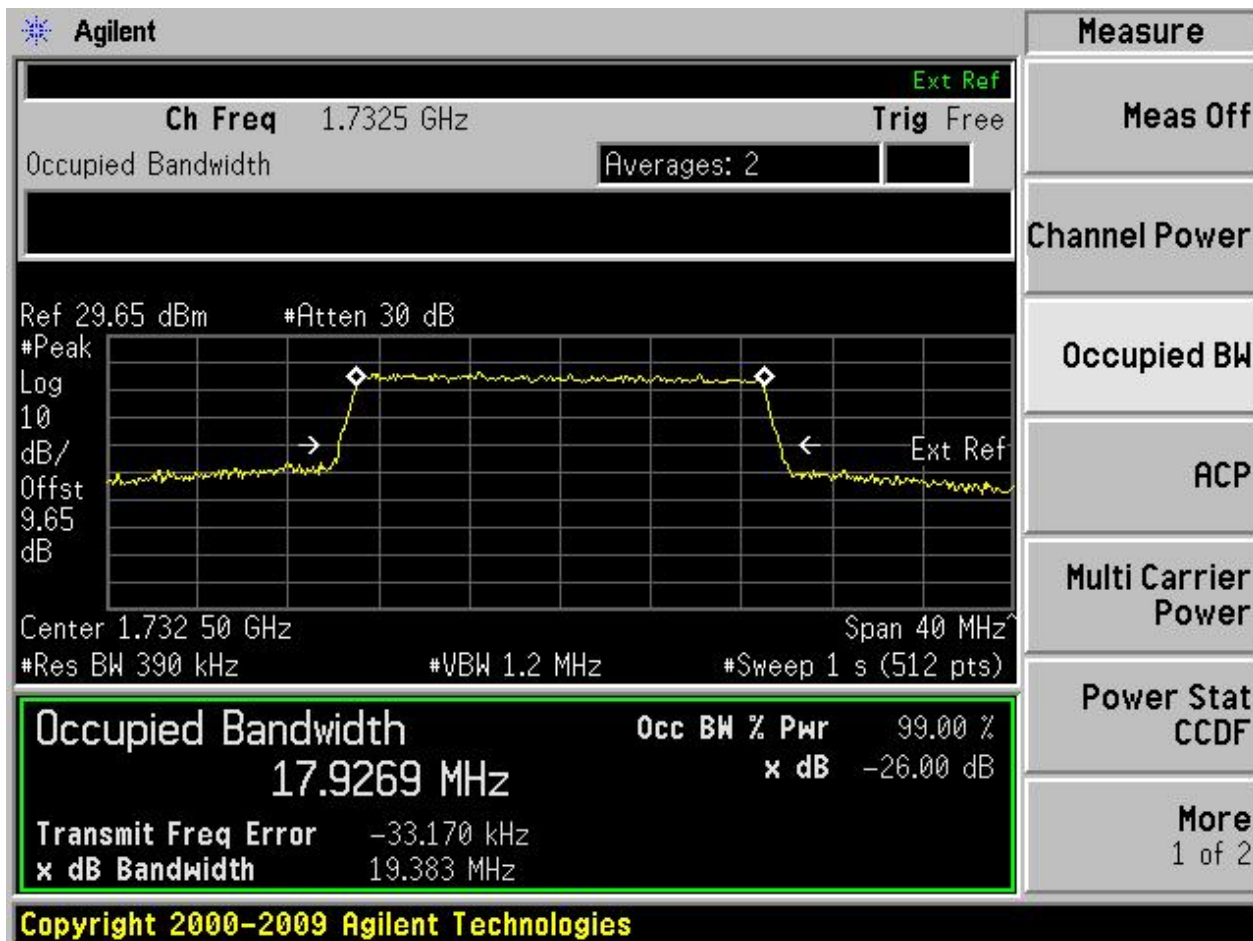
2.48 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20050, Bandwidth:20, Modulation:64QAM, RB Number:100, RB Position:0)(NTNV)



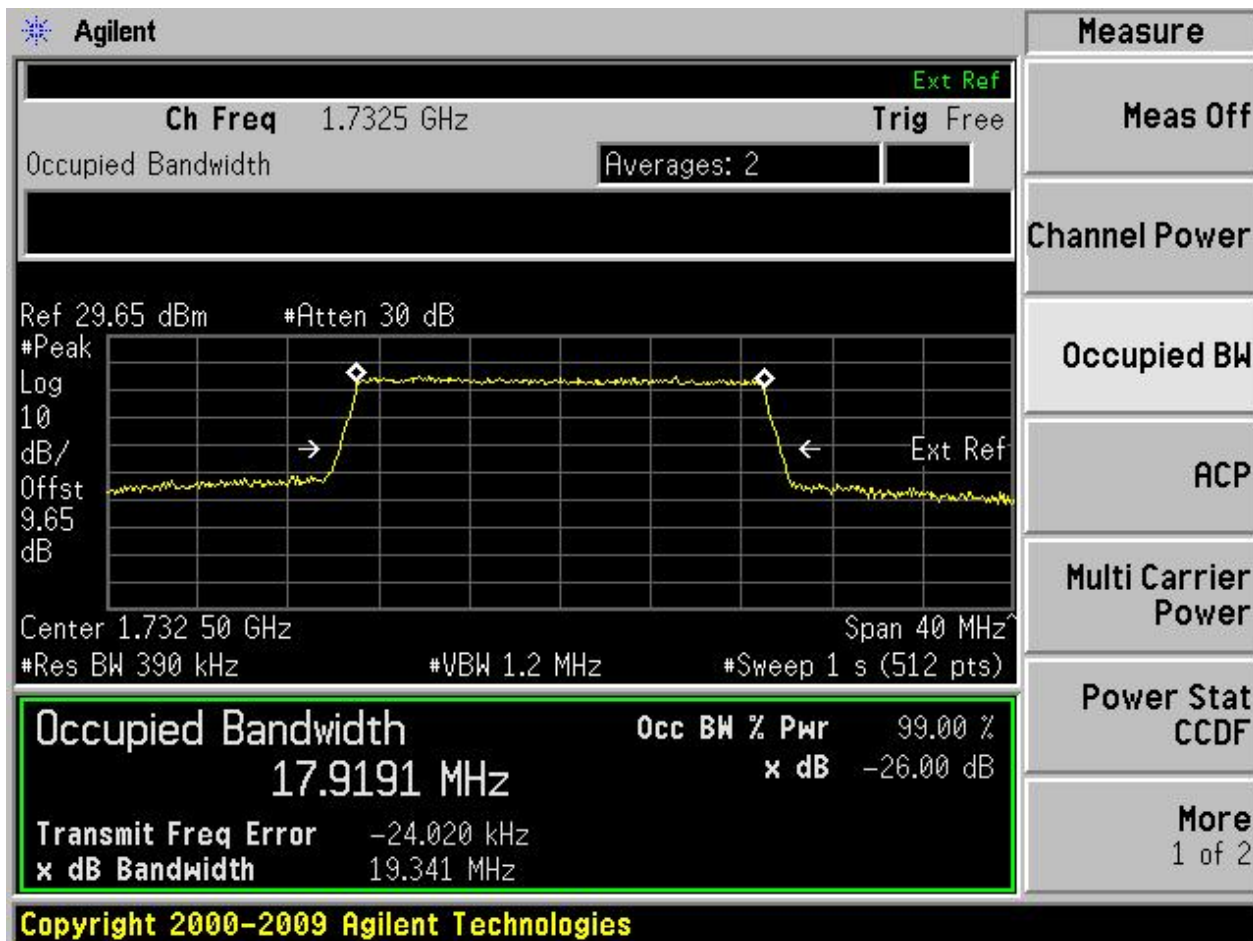
2.49 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)(NTNV)



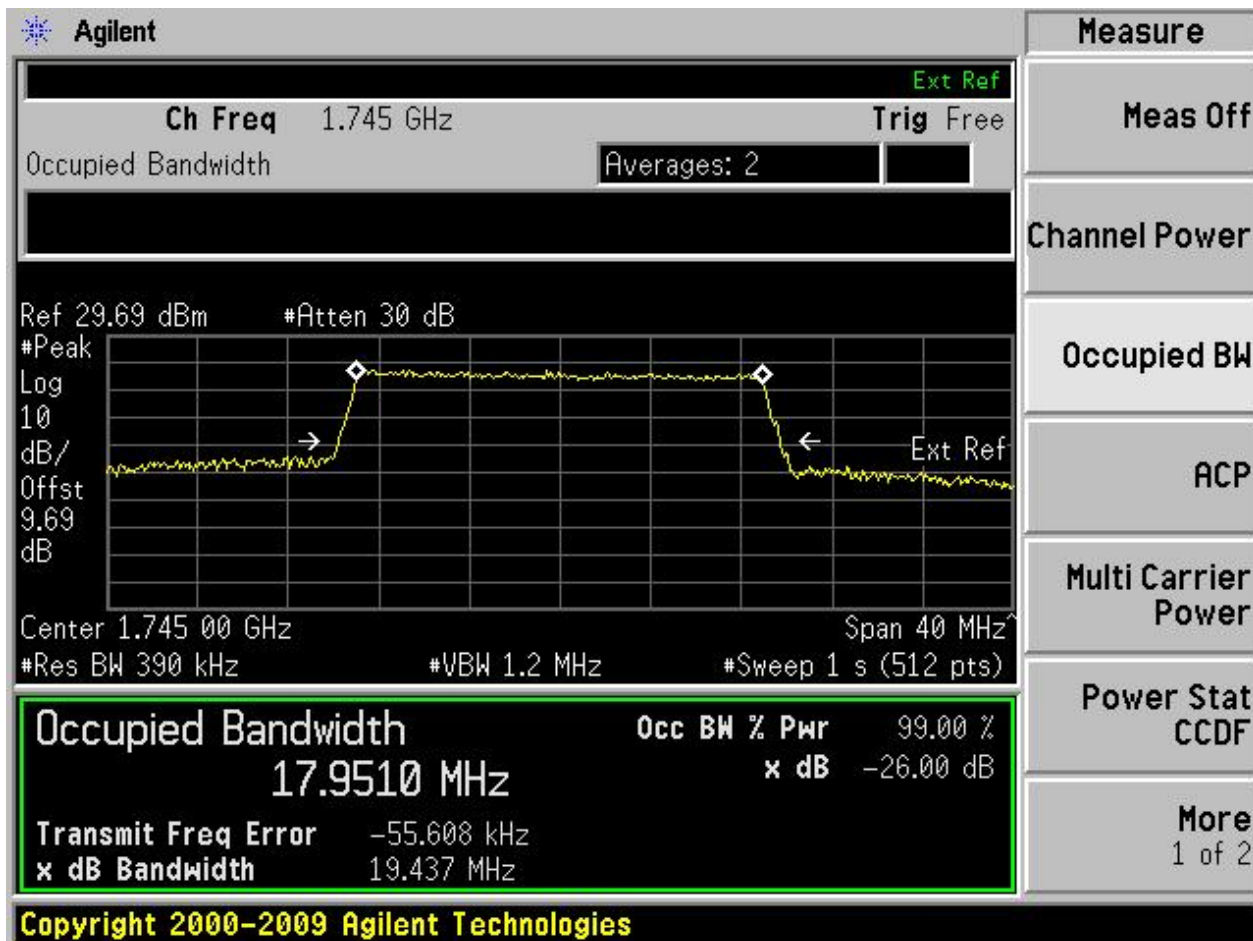
2.50 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20175, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)(NTNV)



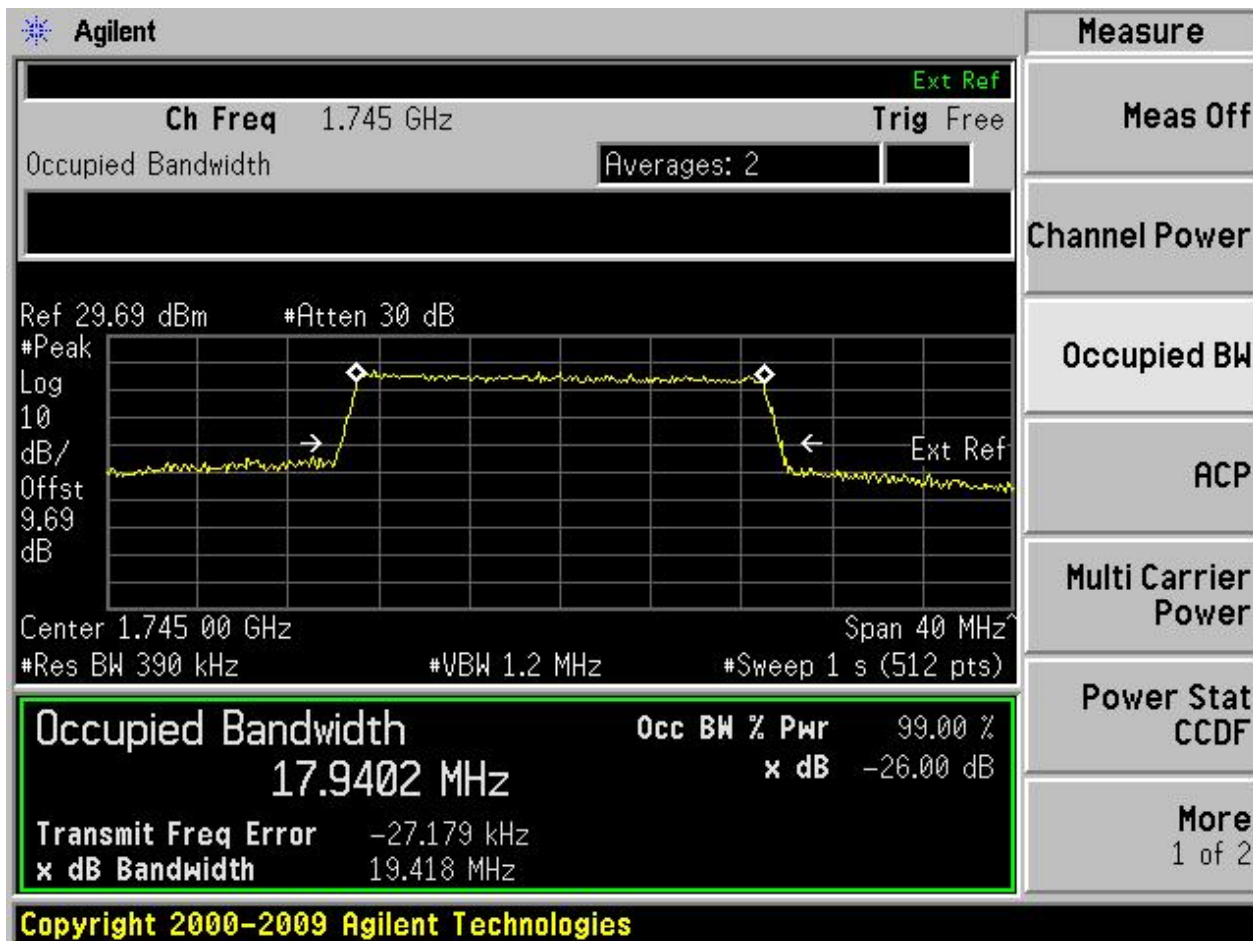
2.51 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20175, Bandwidth:20, Modulation:64QAM, RB Number:100, RB Position:0)(NTNV)



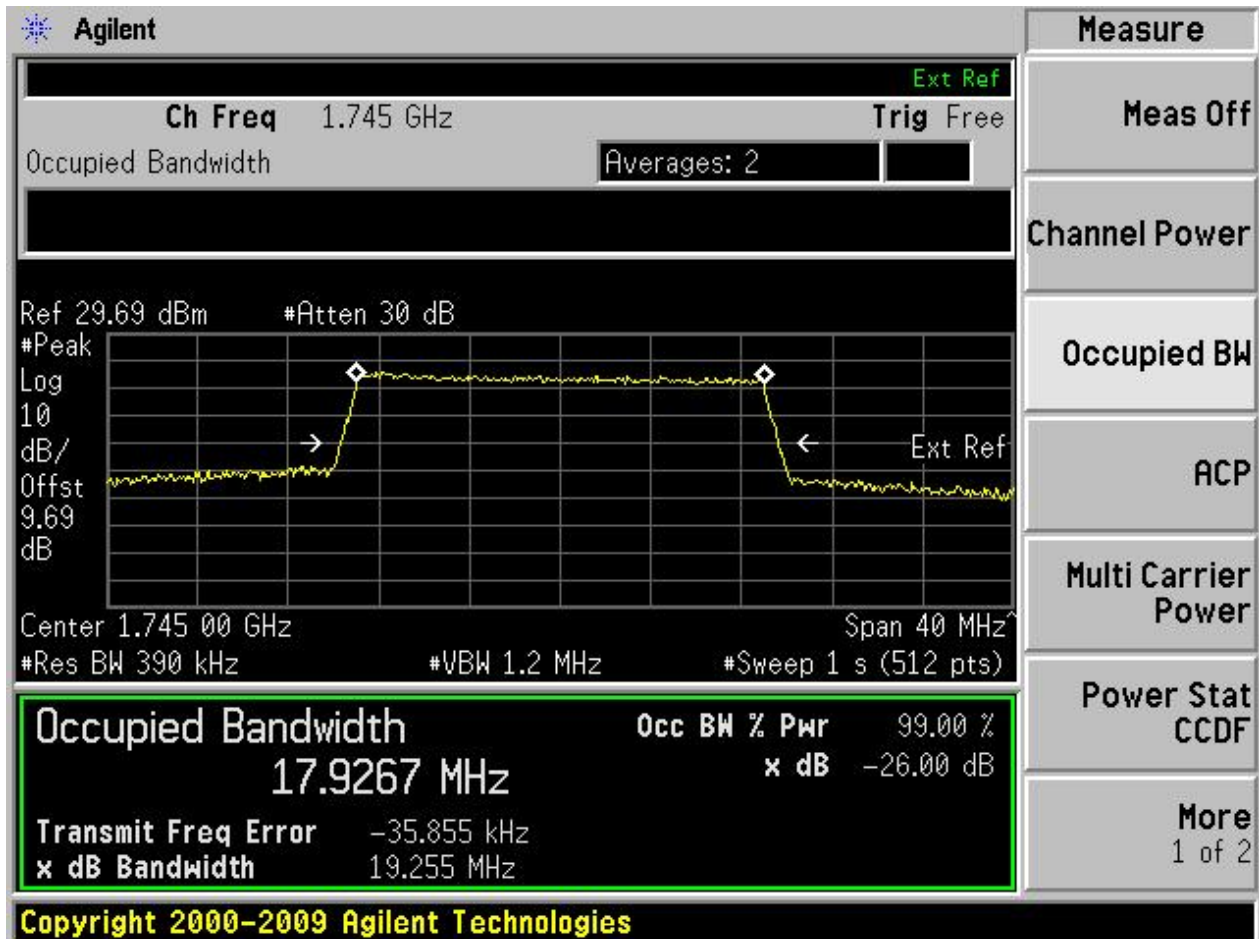
2.52 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)(NTNV)



2.53 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20300, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)(NTNV)

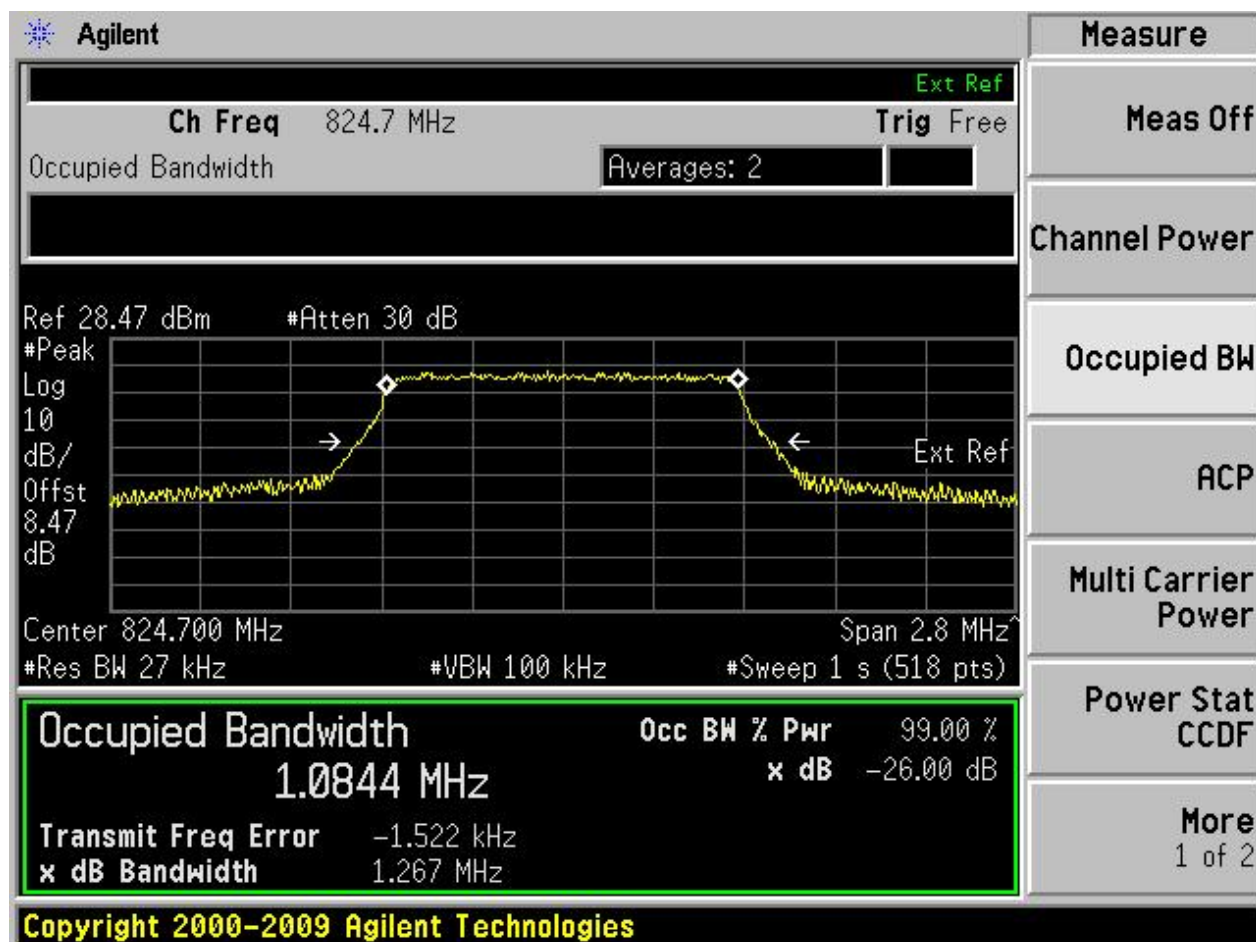


2.54 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20300, Bandwidth:20, Modulation:64QAM, RB Number:100, RB Position:0)(NTNV)

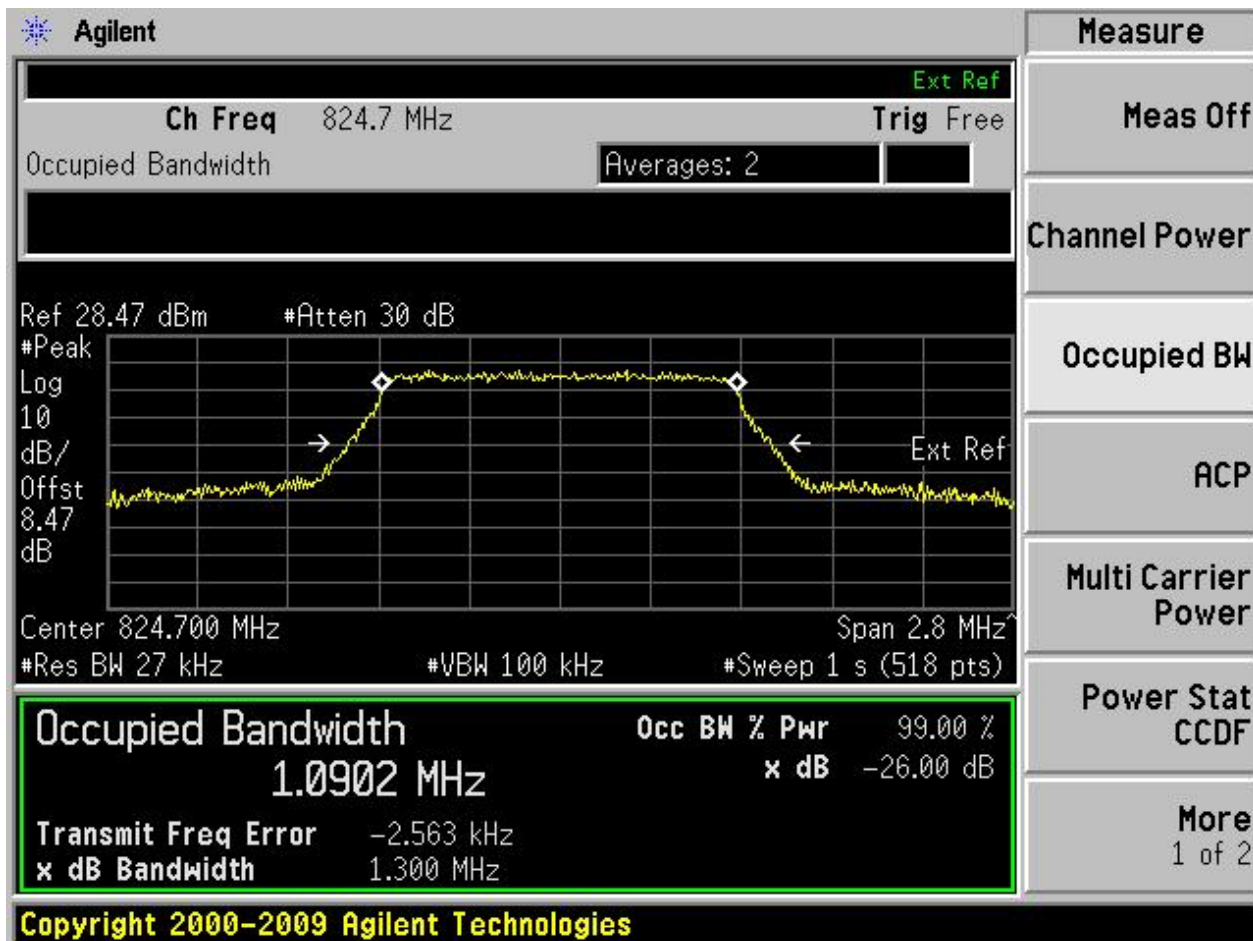


3. LTE_Band5

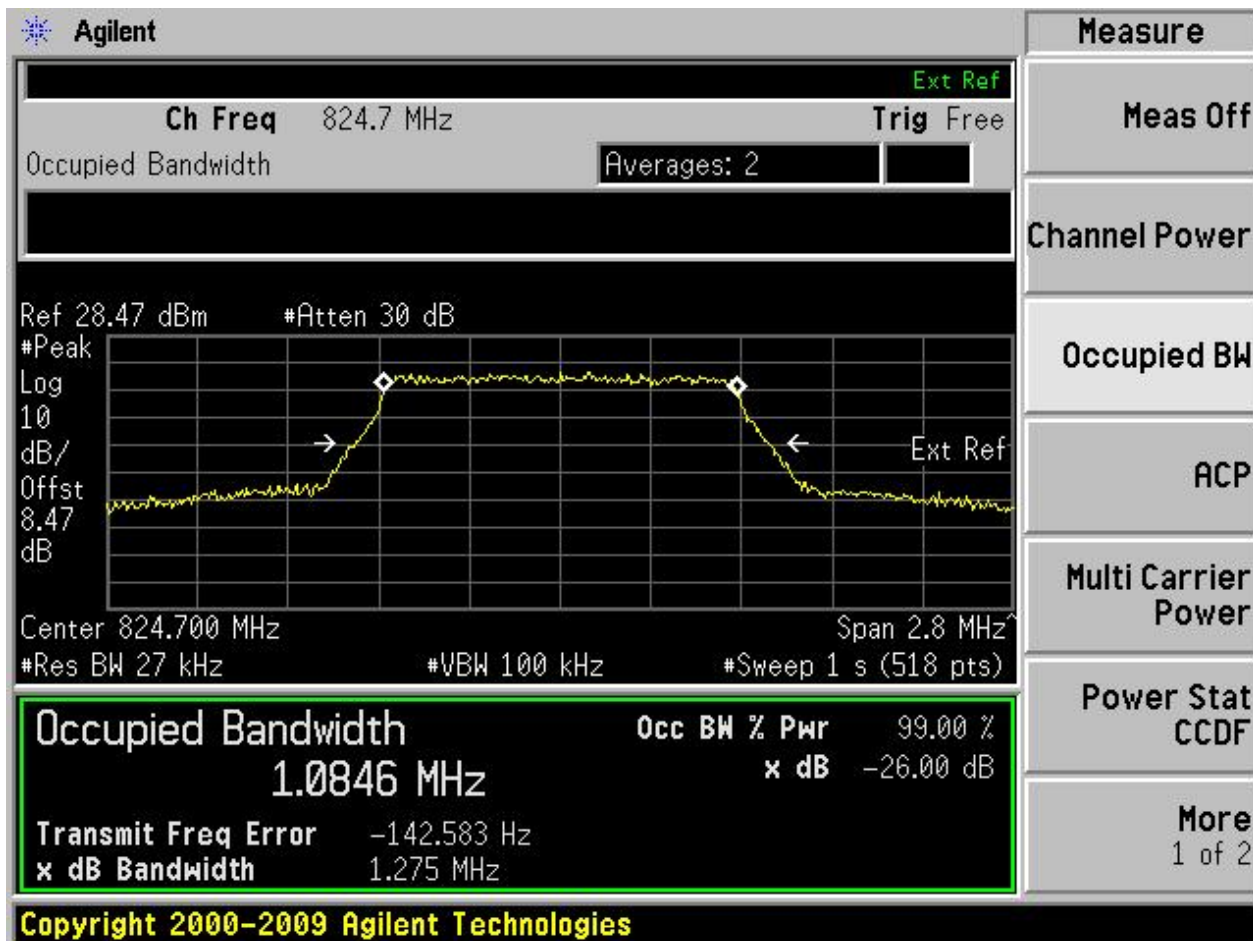
3.1 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20407, Bandwidth:1.4, Modulation:QPSK, RB Number:6, RB Position:0)(NTNV)



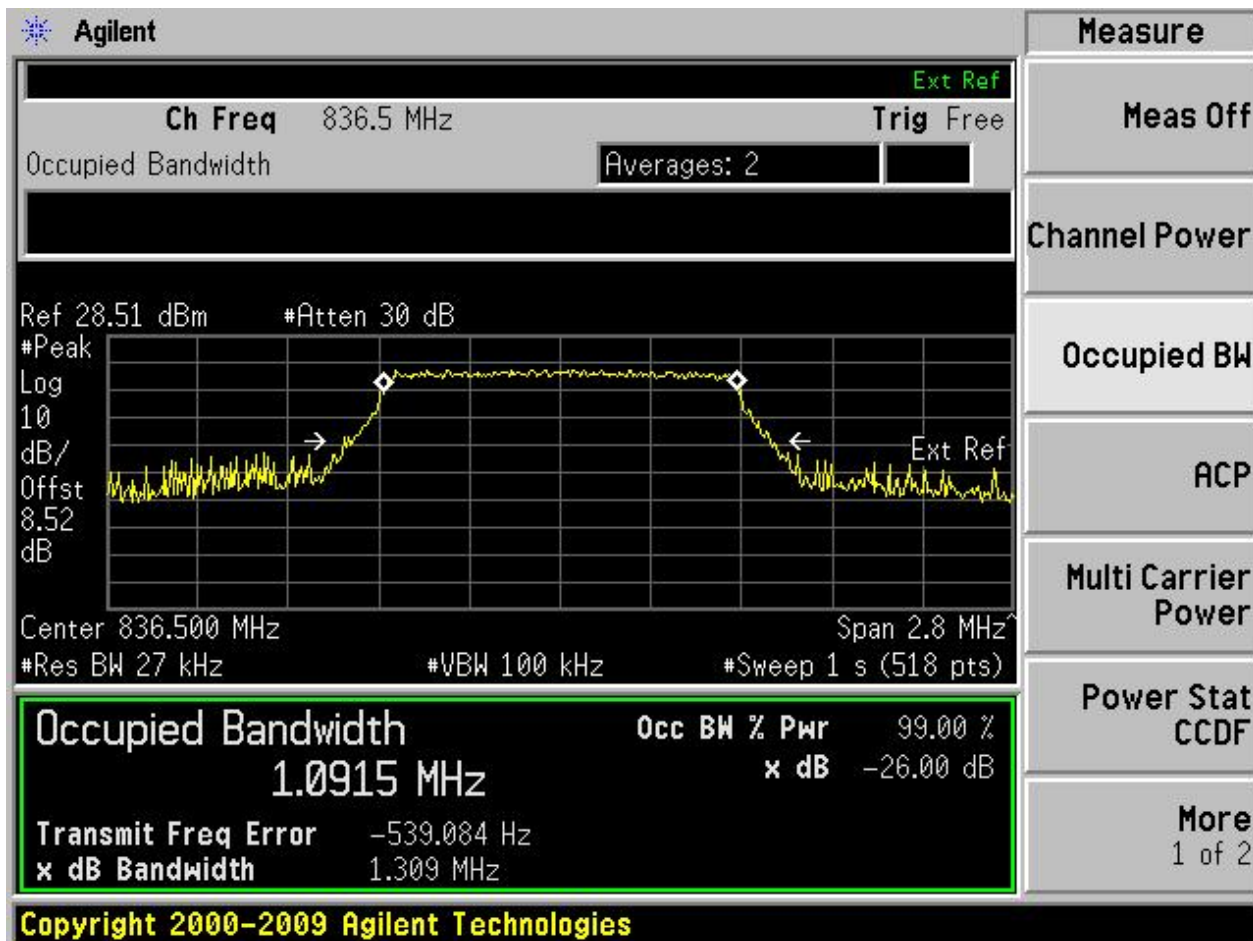
3.2 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20407, Bandwidth:1.4, Modulation:16QAM, RB Number:6, RB Position:0)(NTNV)



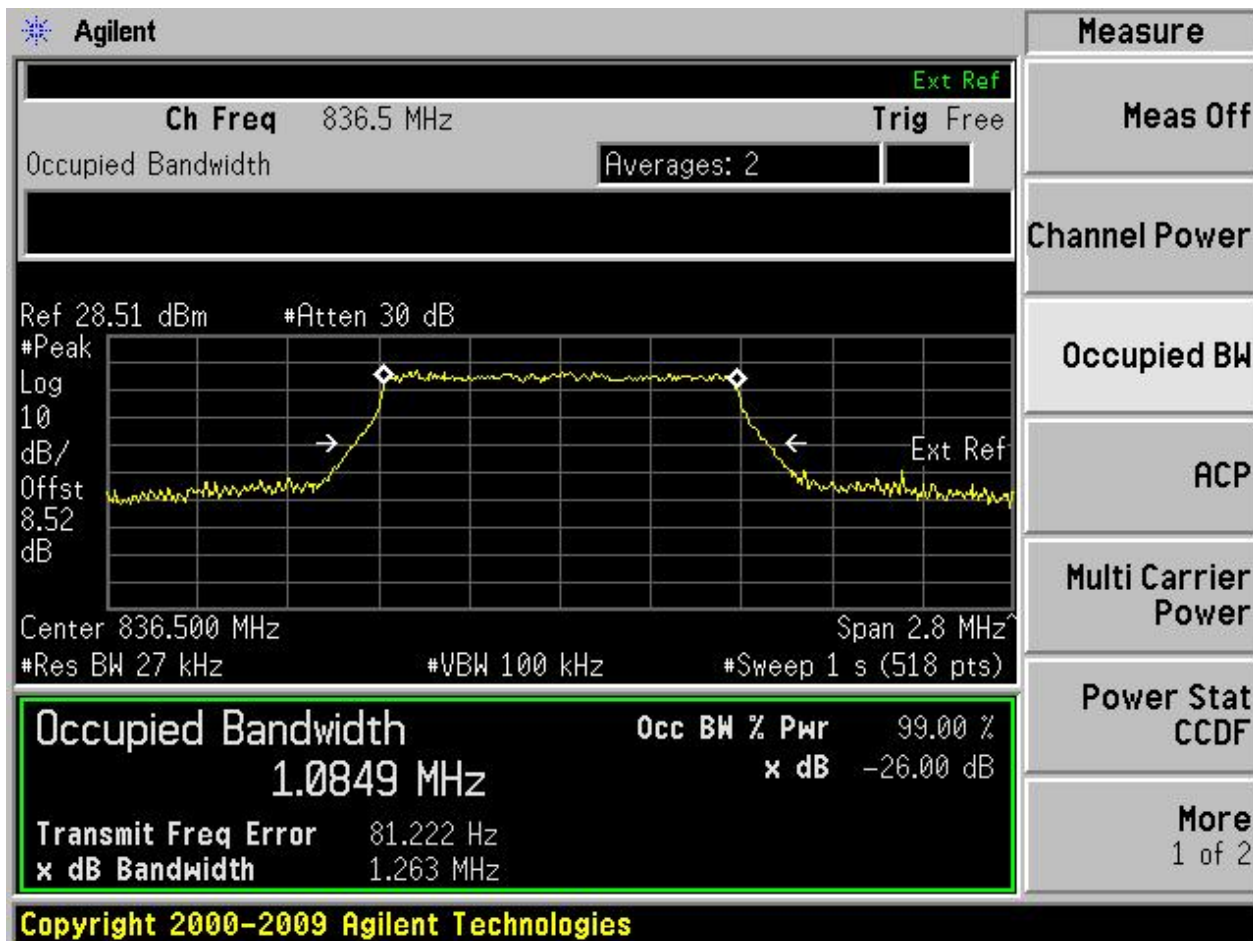
3.3 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20407, Bandwidth:1.4, Modulation:64QAM, RB Number:6, RB Position:0)(NTNV)



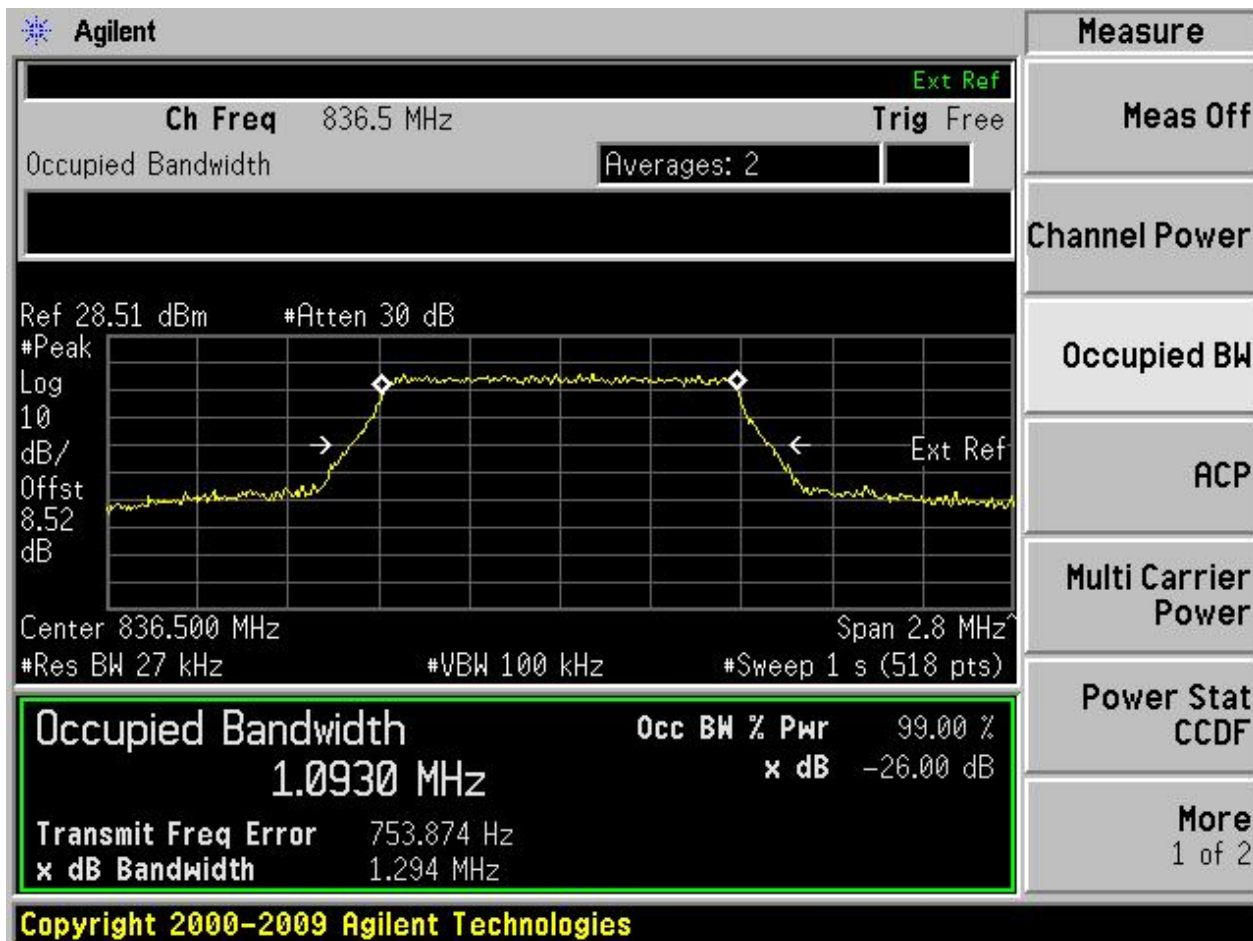
3.4 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20525, Bandwidth:1.4, Modulation:QPSK, RB Number:6, RB Position:0)(NTNV)



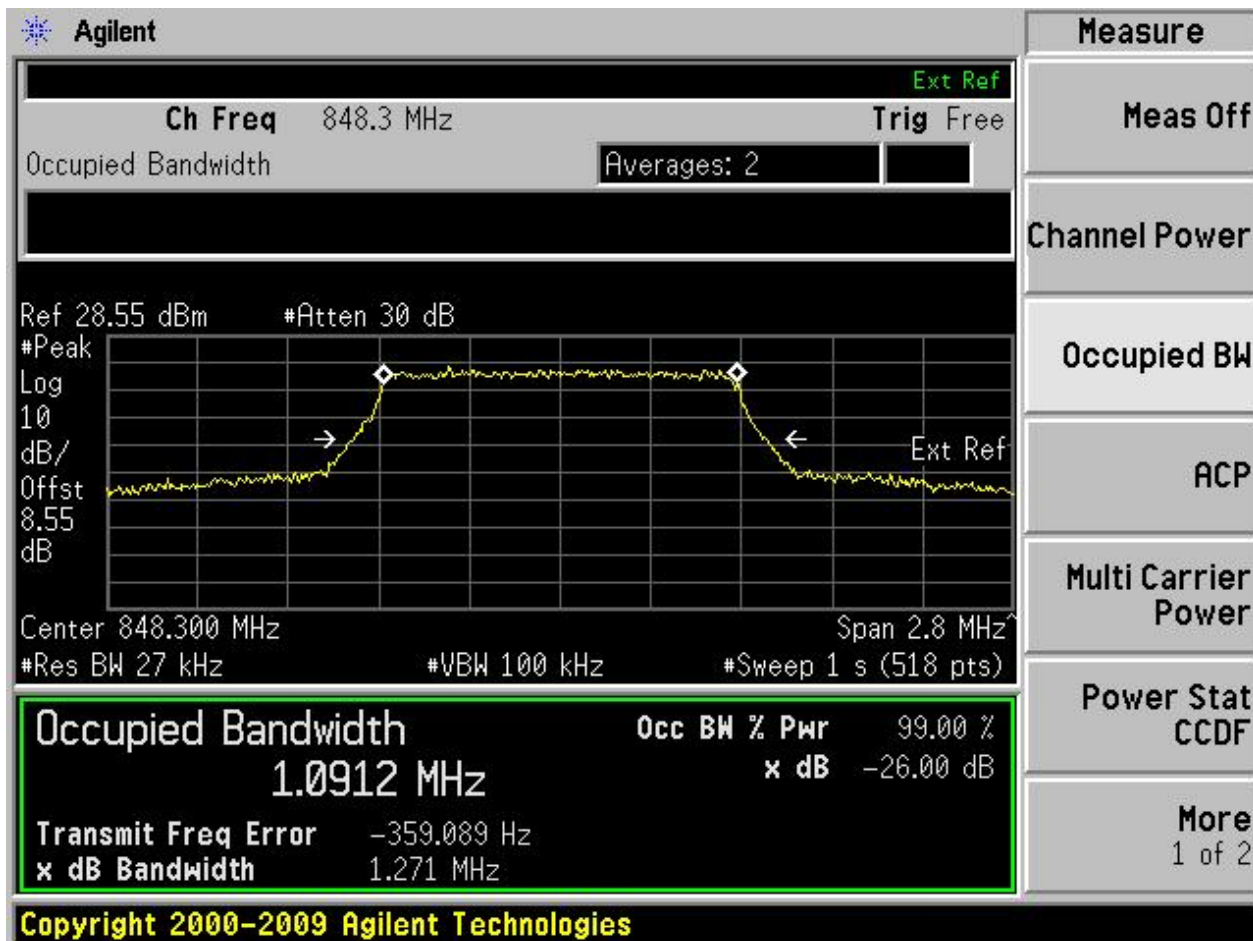
3.5 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20525, Bandwidth:1.4, Modulation:16QAM, RB Number:6, RB Position:0)(NTNV)



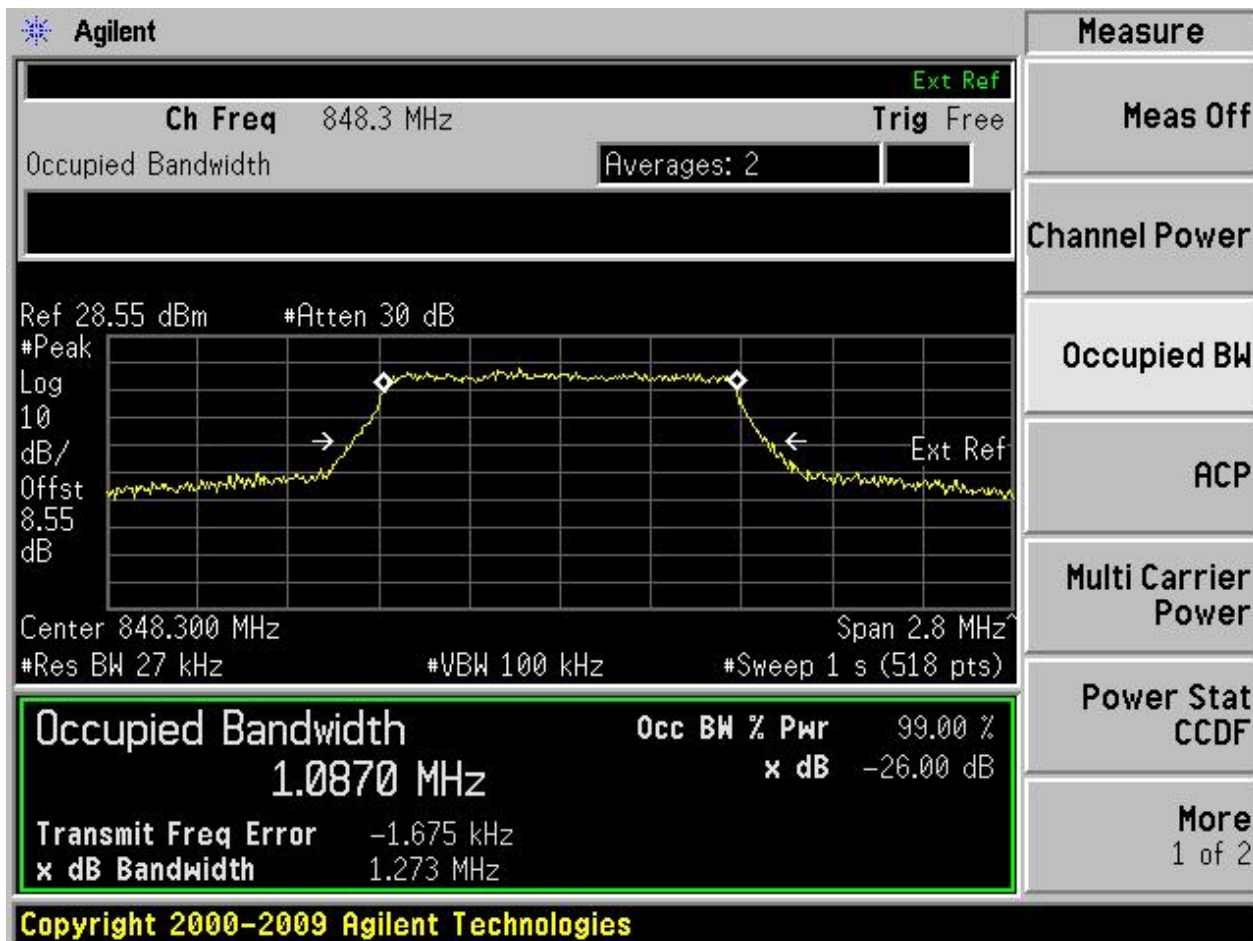
3.6 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20525, Bandwidth:1.4, Modulation:64QAM, RB Number:6, RB Position:0)(NTNV)



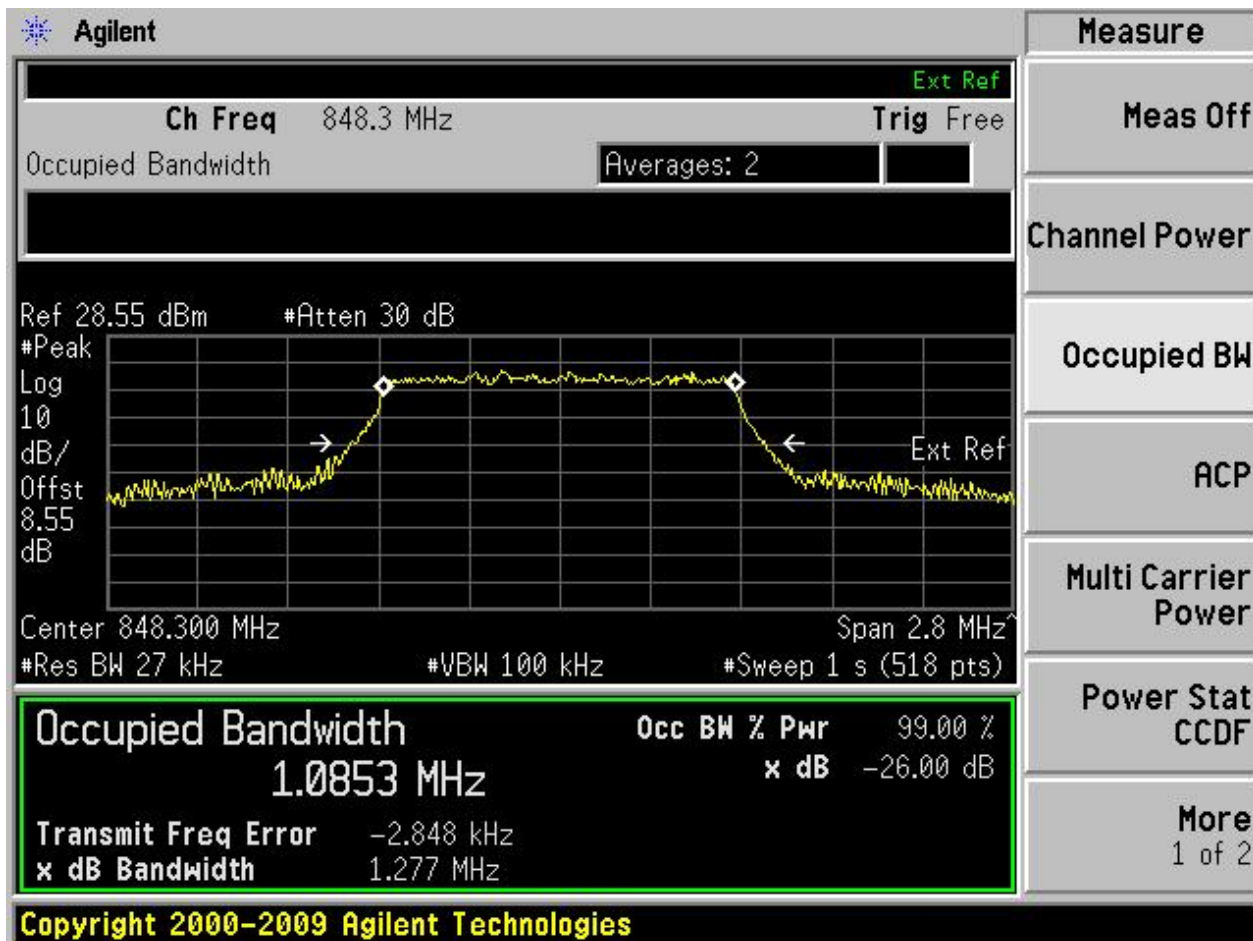
3.7 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20643, Bandwidth:1.4, Modulation:QPSK, RB Number:6, RB Position:0)(NTNV)



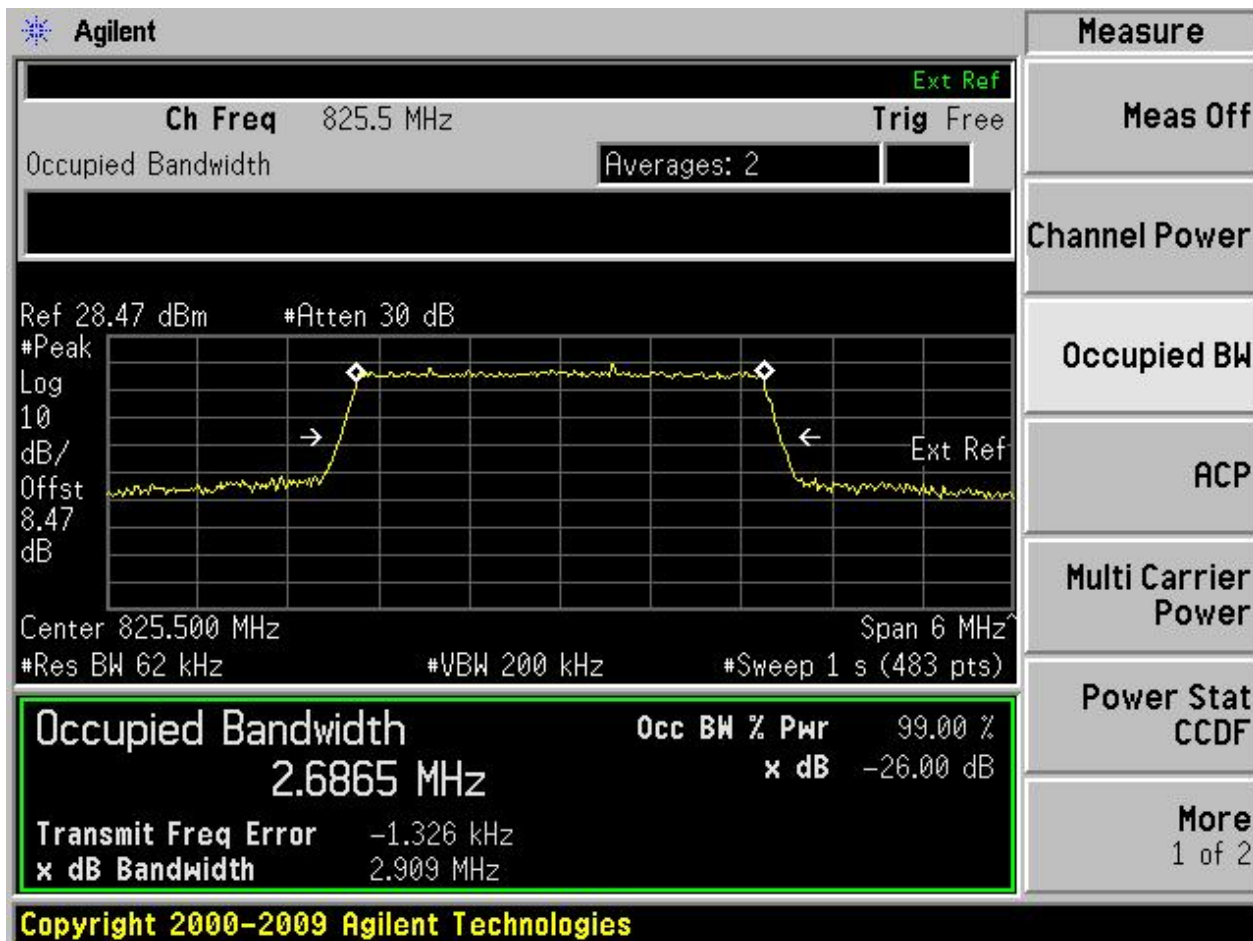
3.8 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20643, Bandwidth:1.4, Modulation:16QAM, RB Number:6, RB Position:0)(NTNV)



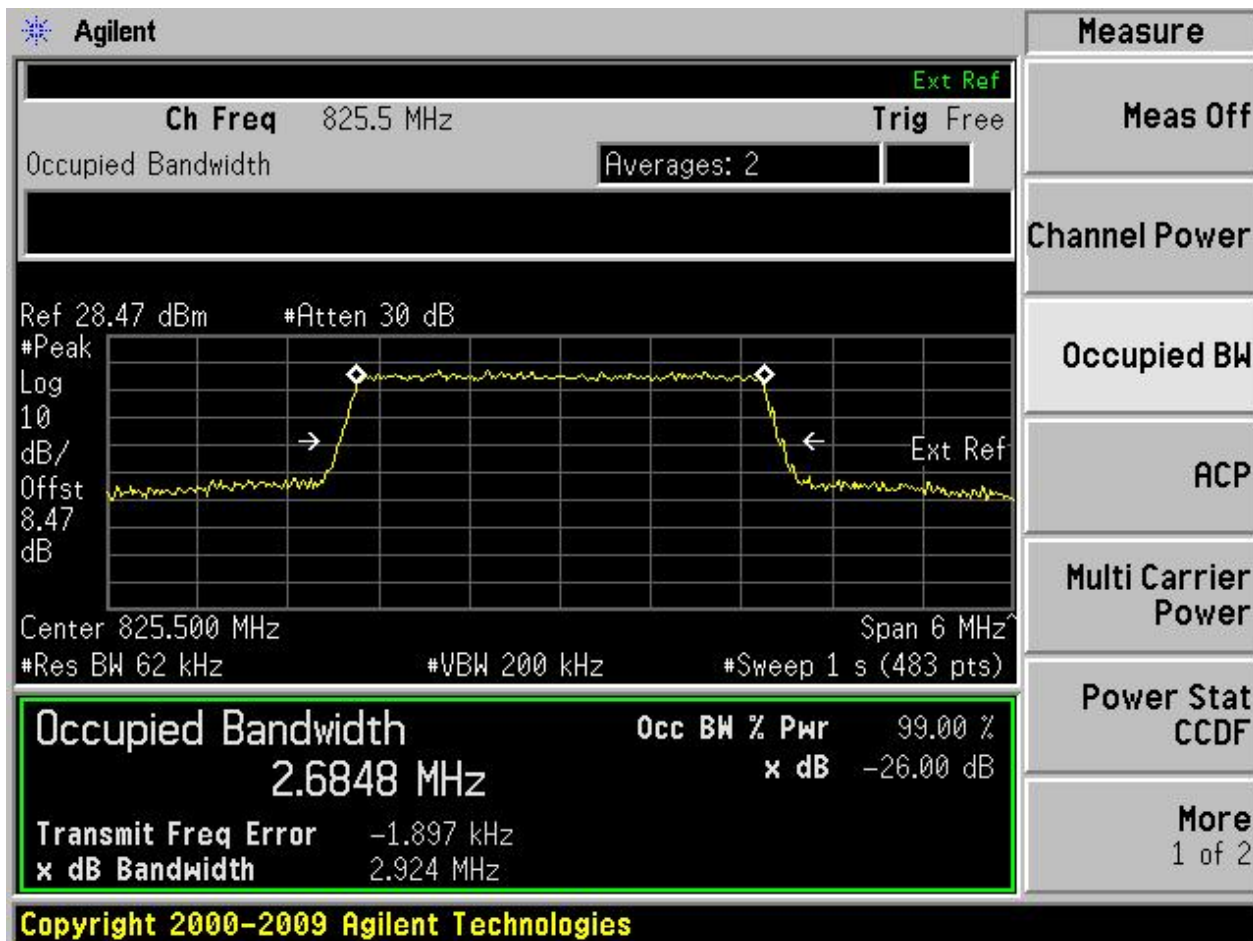
3.9 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20643, Bandwidth:1.4, Modulation:64QAM, RB Number:6, RB Position:0)(NTNV)



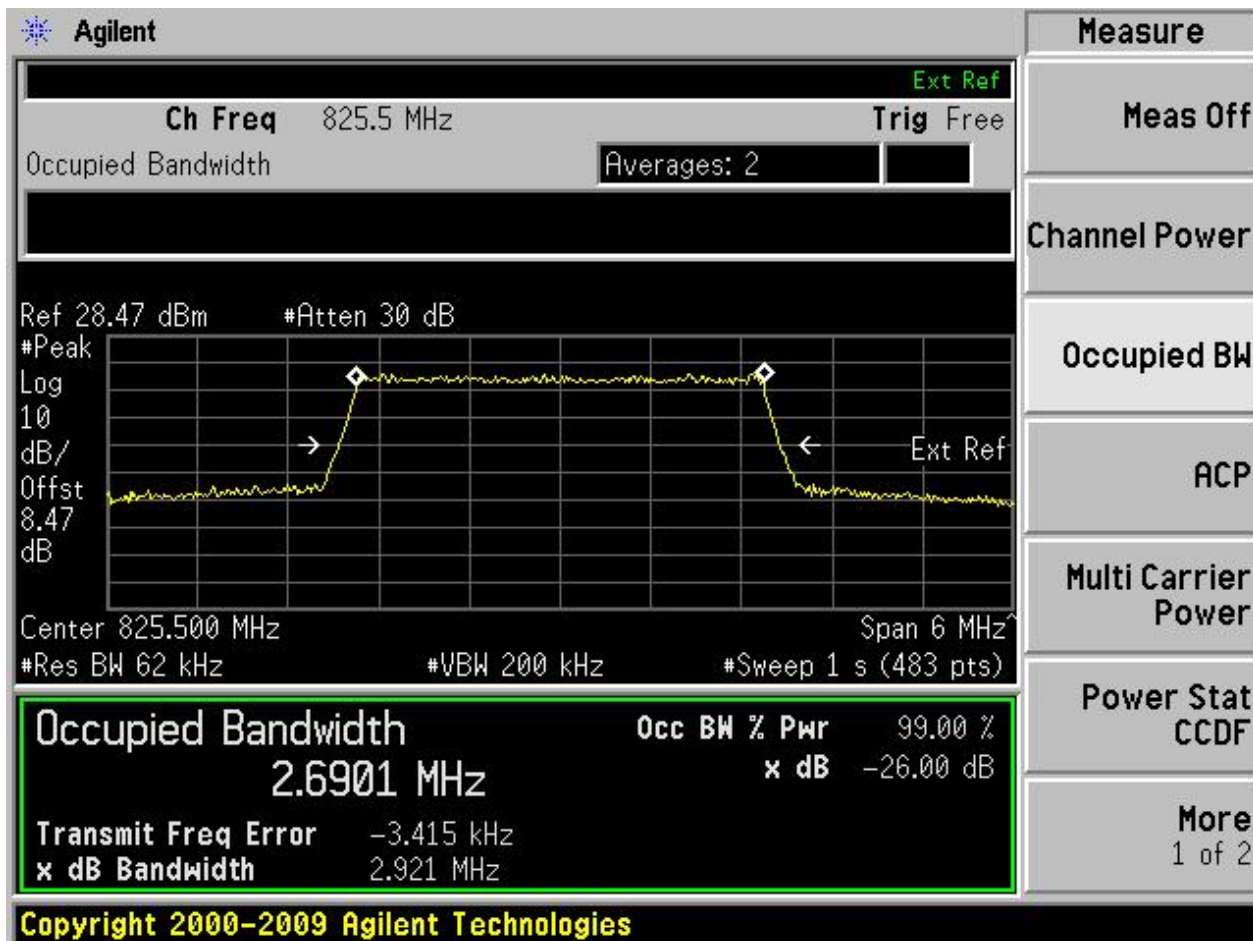
3.10 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20415, Bandwidth:3, Modulation:QPSK, RB Number:15, RB Position:0)(NTNV)



3.11 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20415, Bandwidth:3, Modulation:16QAM, RB Number:15, RB Position:0)(NTNV)



3.12 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20415, Bandwidth:3, Modulation:64QAM, RB Number:15, RB Position:0)(NTNV)



3.13 LTE Occupied Bandwidth_Part22-24-27(added 64QAM)(Channel:20525, Bandwidth:3, Modulation:QPSK, RB Number:15, RB Position:0)(NTNV)

