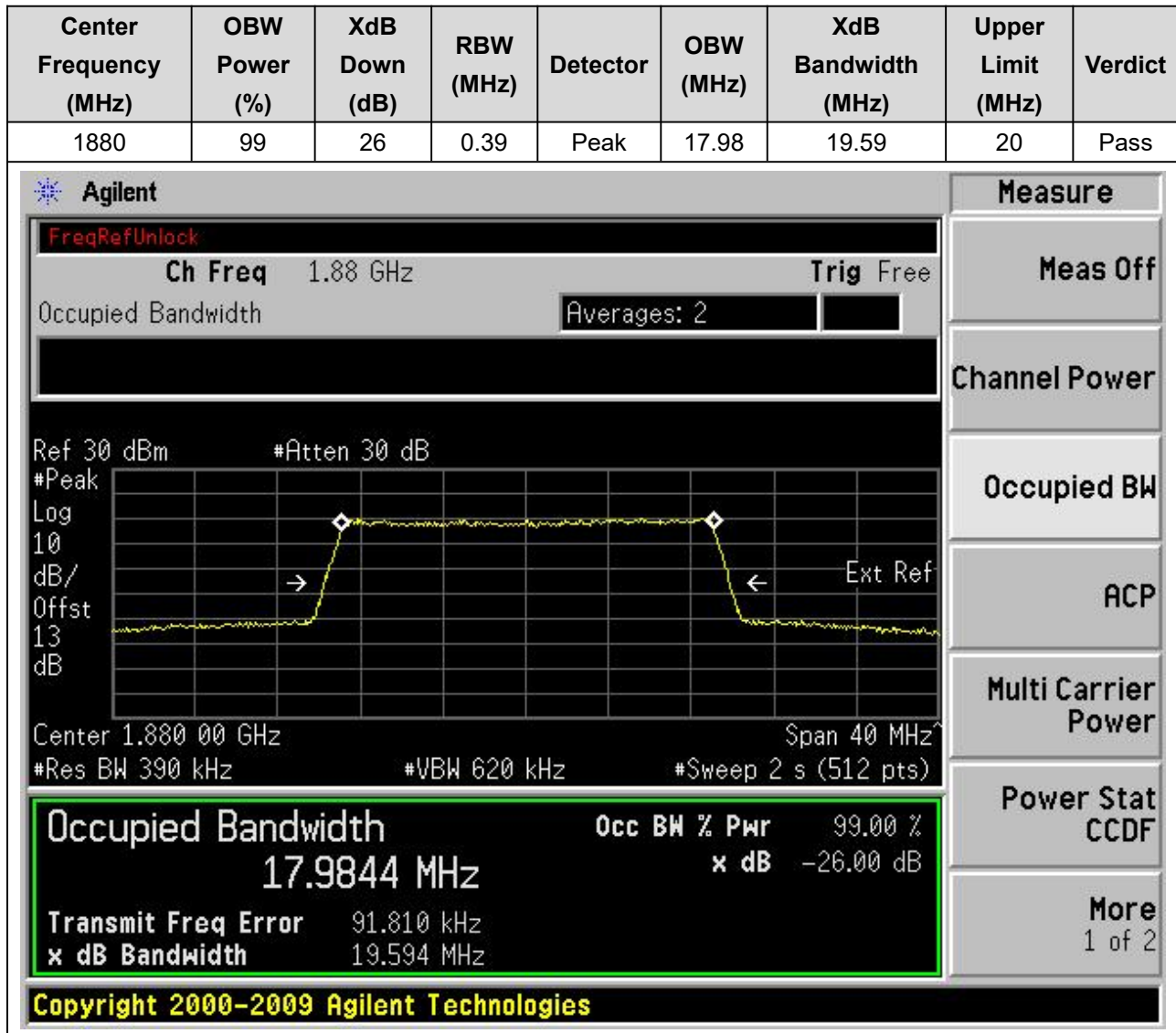
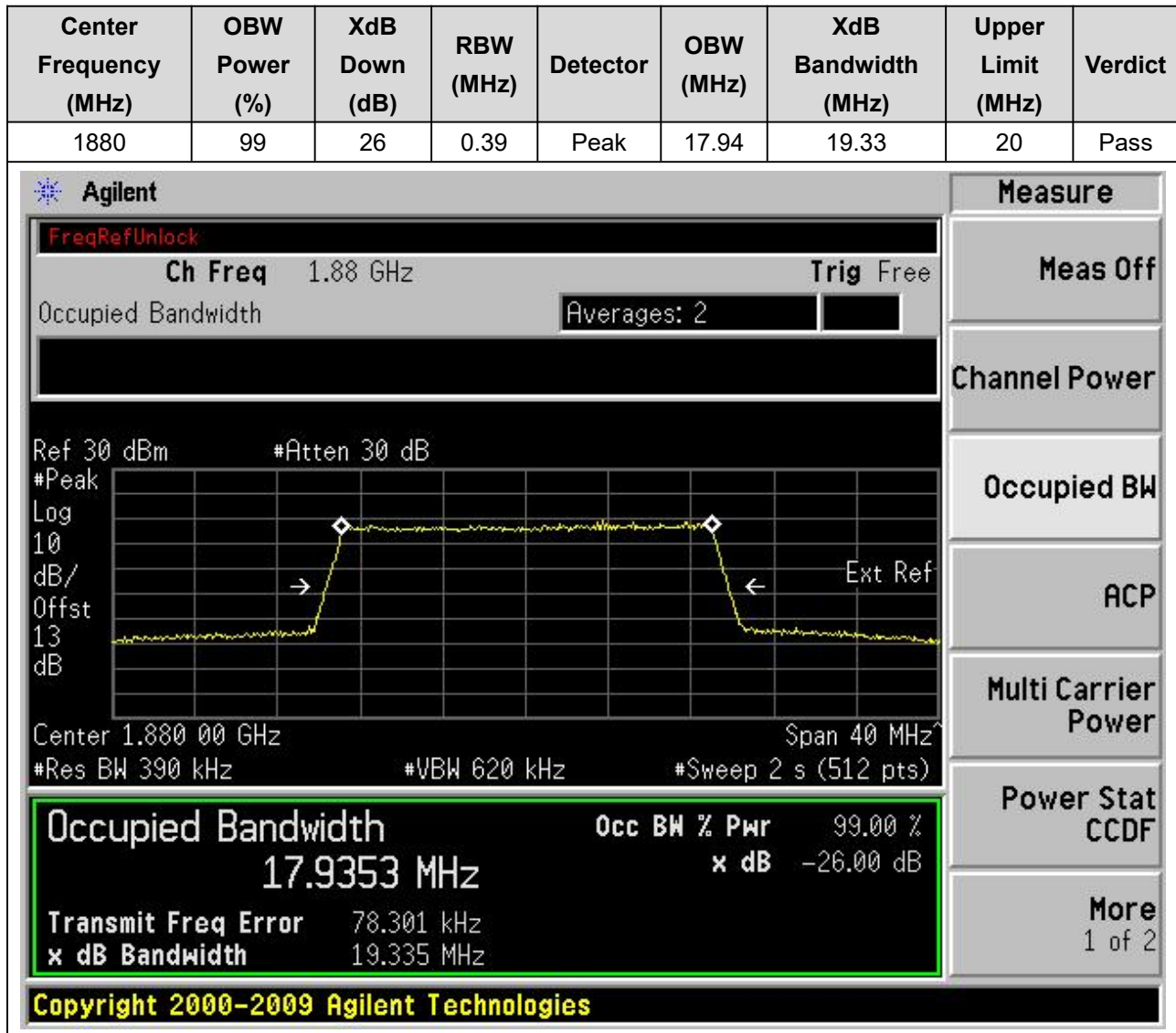


## Occupied Bandwidth

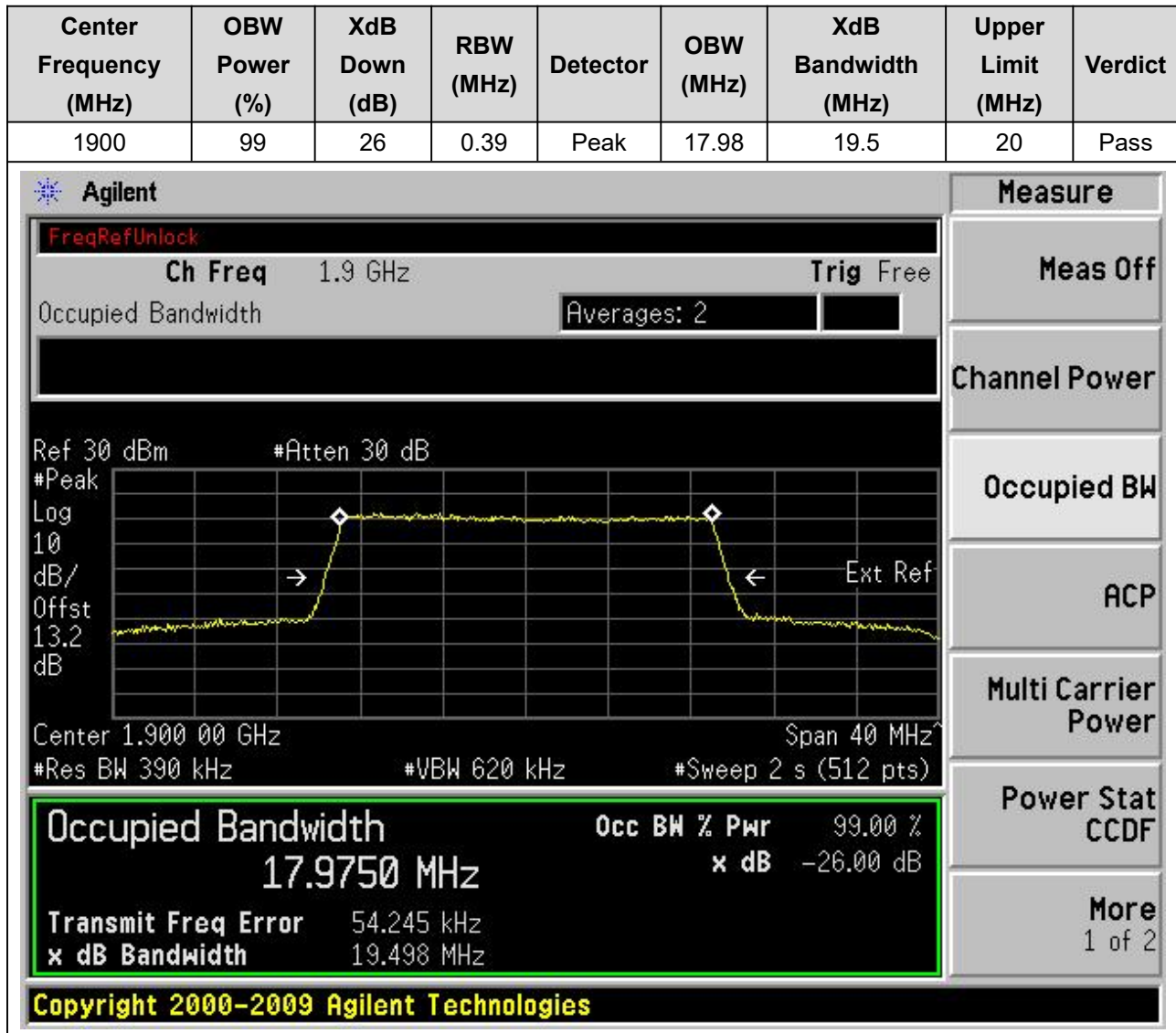
**1.66 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:18900, Bandwidth:20, Modulation:64QAM, RB Number:100, RB Position:0)**



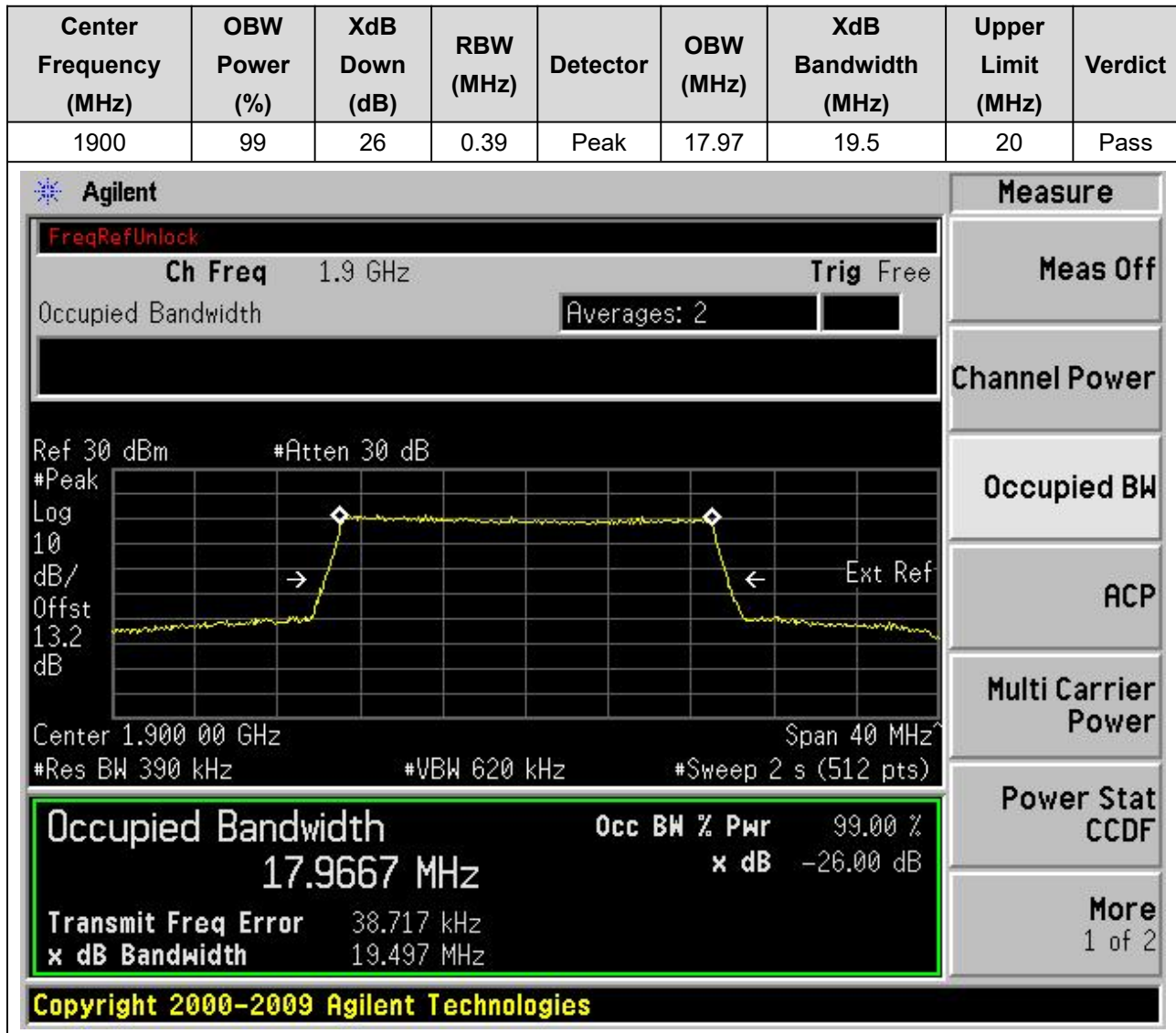
1.67 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:18900, Bandwidth:20, Modulation:256QAM, RB Number:100, RB Position:0)



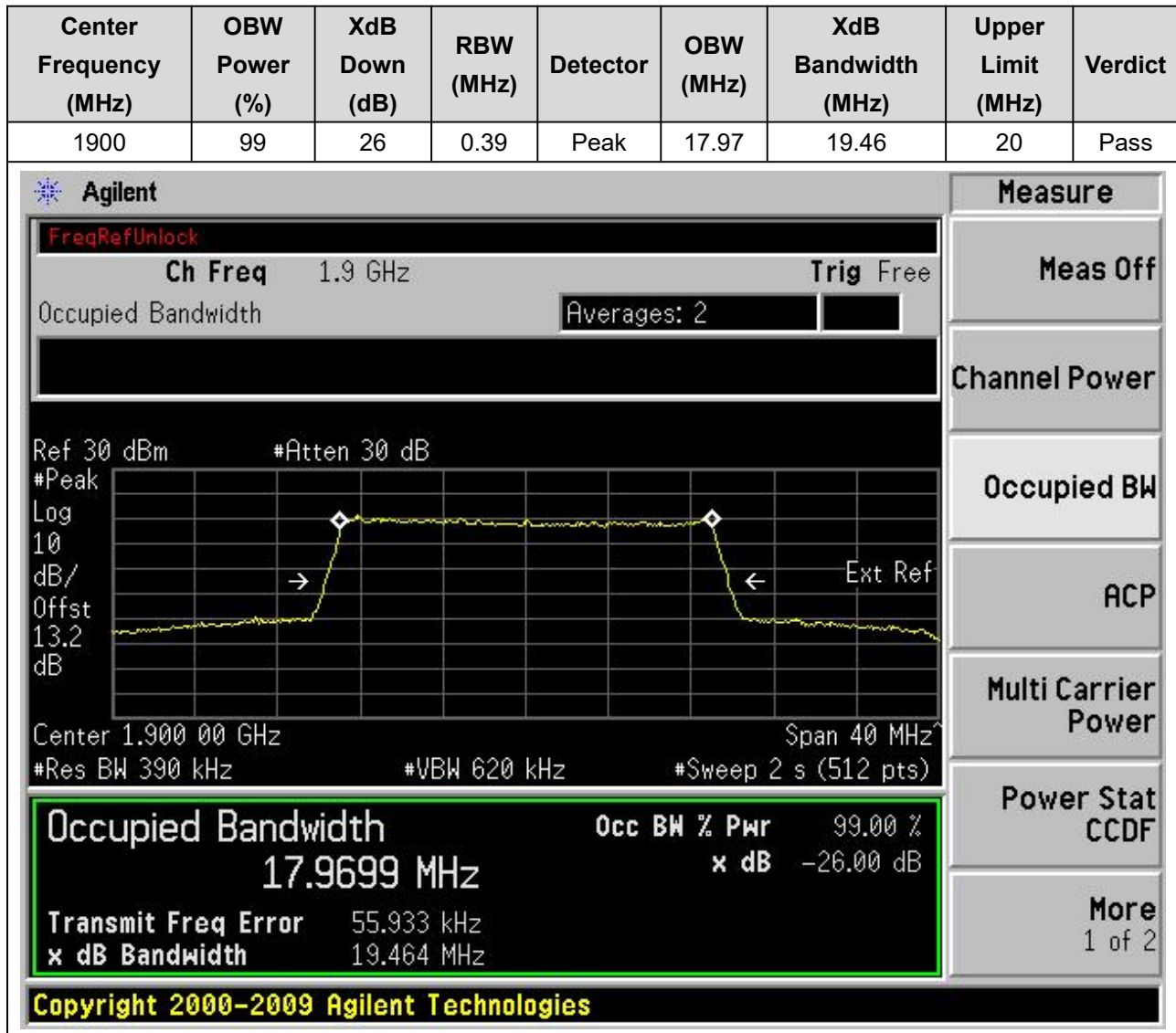
1.68 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)



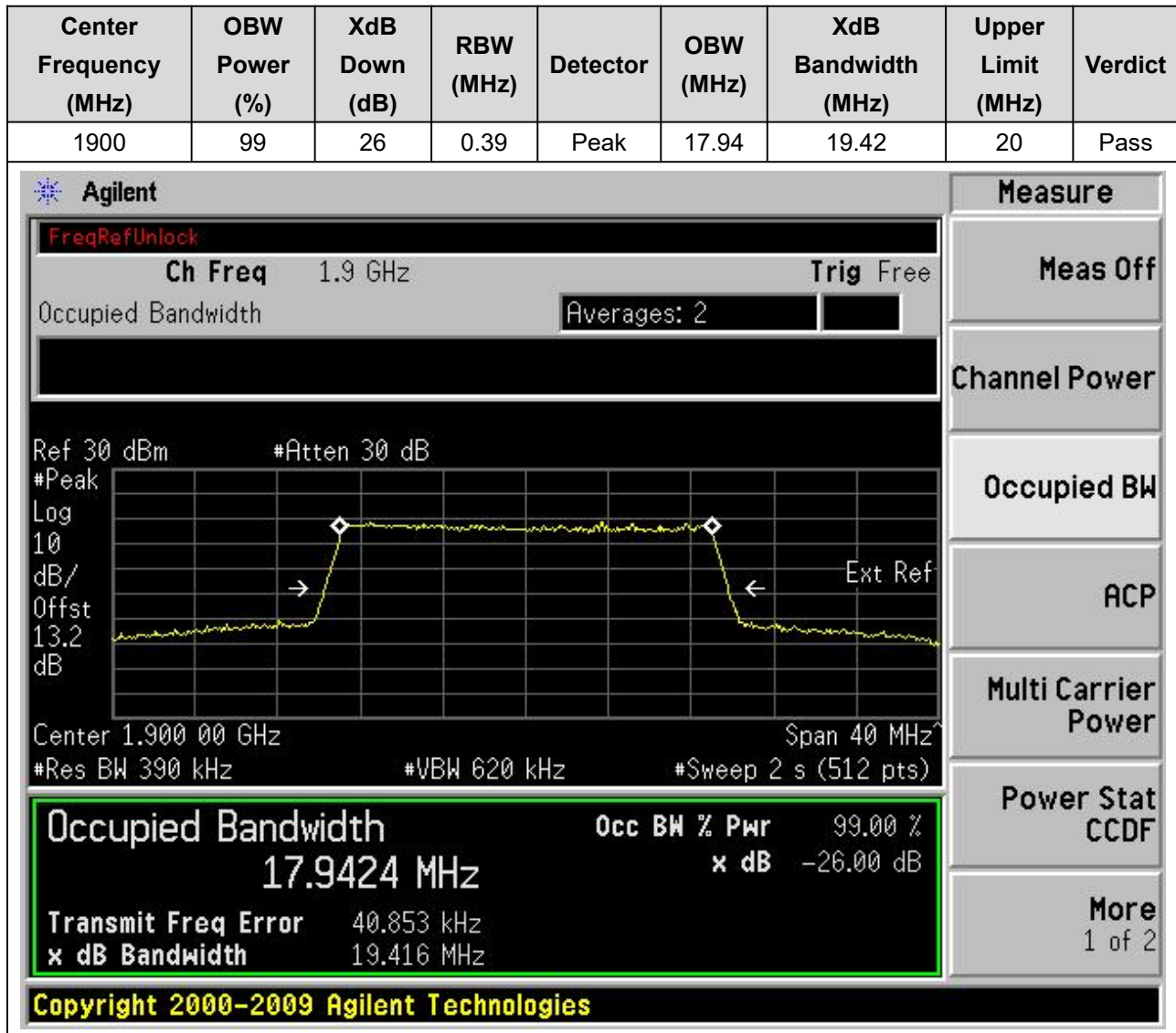
1.69 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:19100, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)



**1.70 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:19100, Bandwidth:20, Modulation:64QAM, RB Number:100, RB Position:0)**

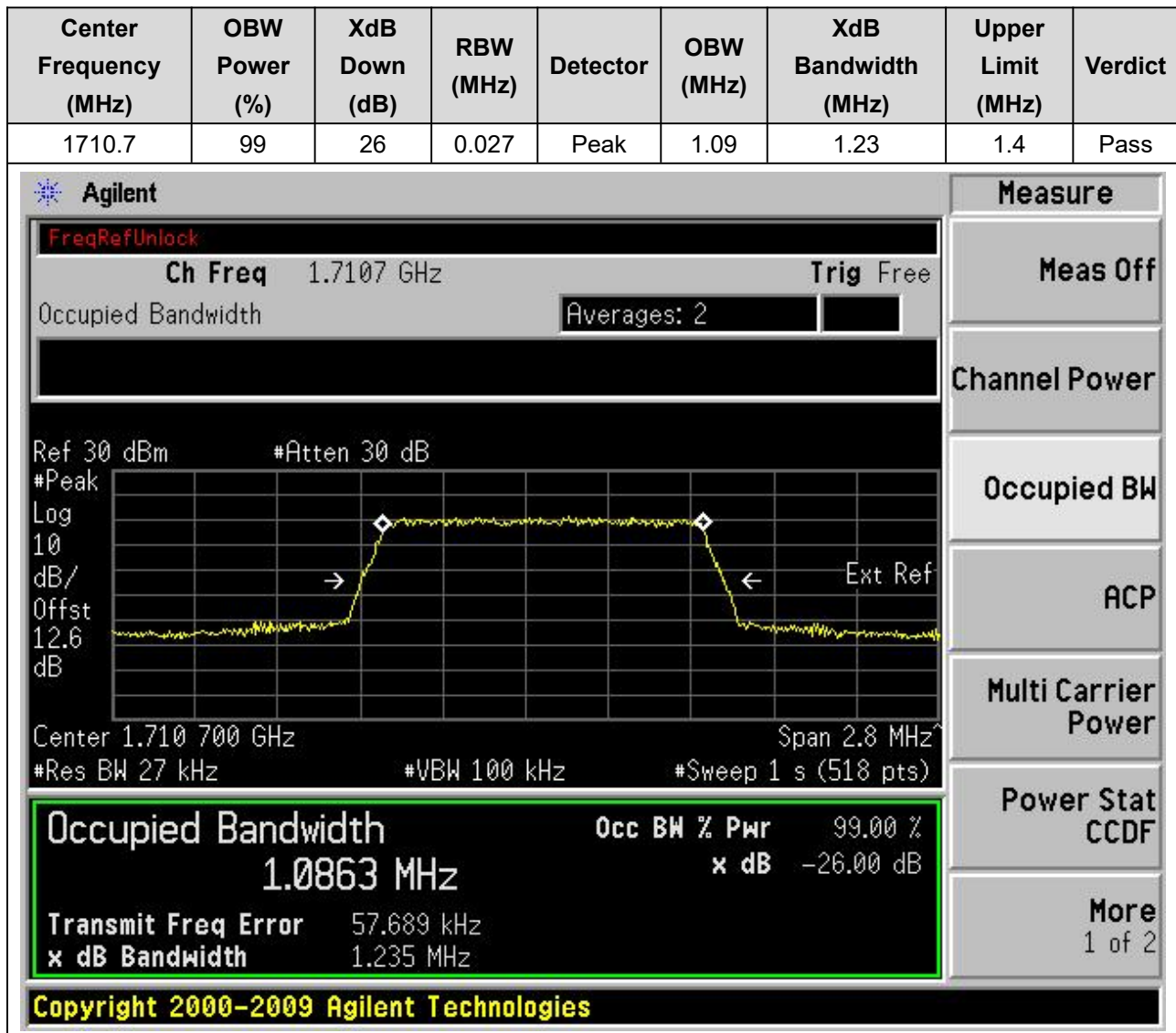


**1.71 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:19100, Bandwidth:20, Modulation:256QAM, RB Number:100, RB Position:0)**

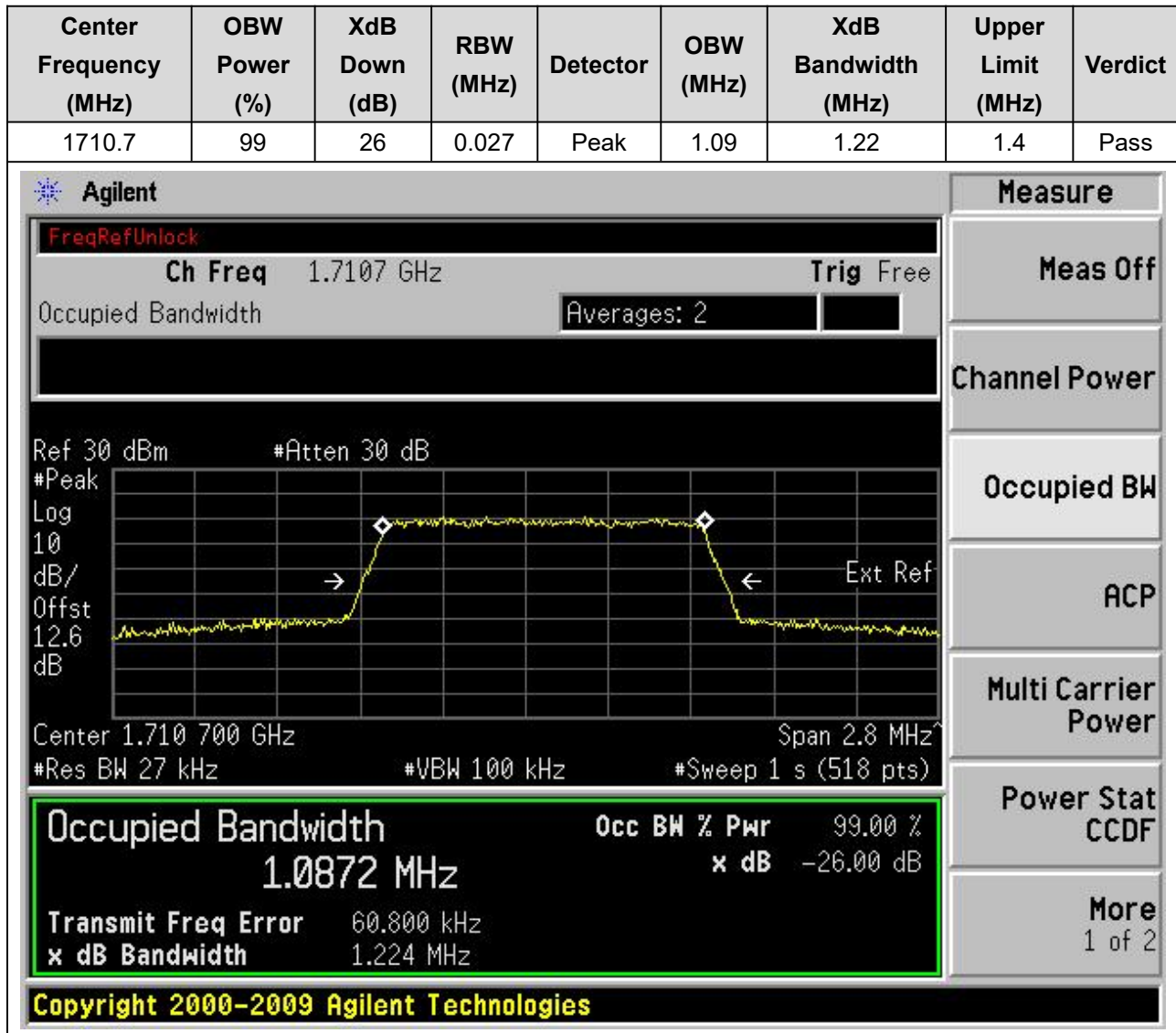


## 2. LTE\_Band4

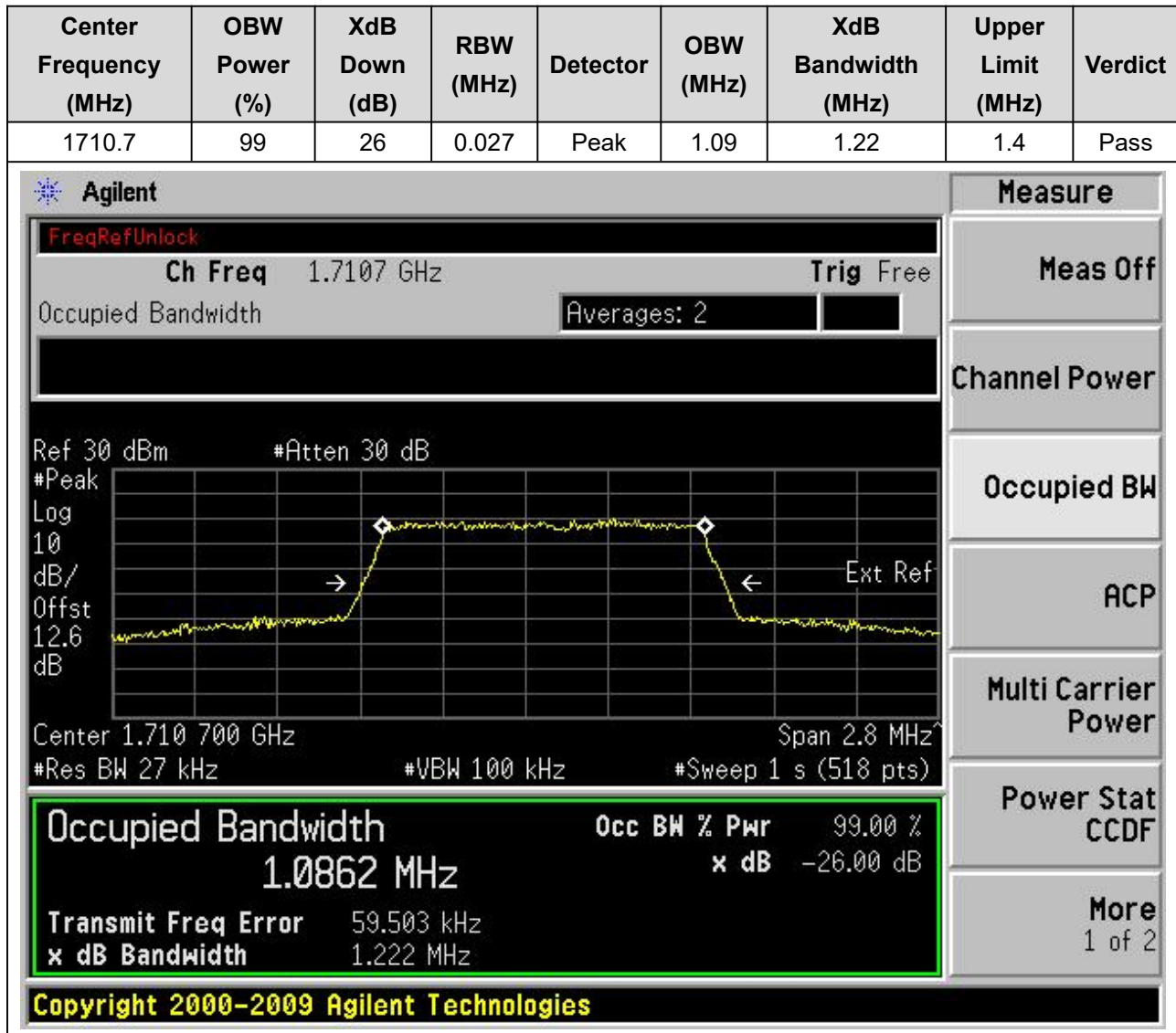
2.1 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:19957, Bandwidth:1.4, Modulation:QPSK, RB Number:6, RB Position:0)



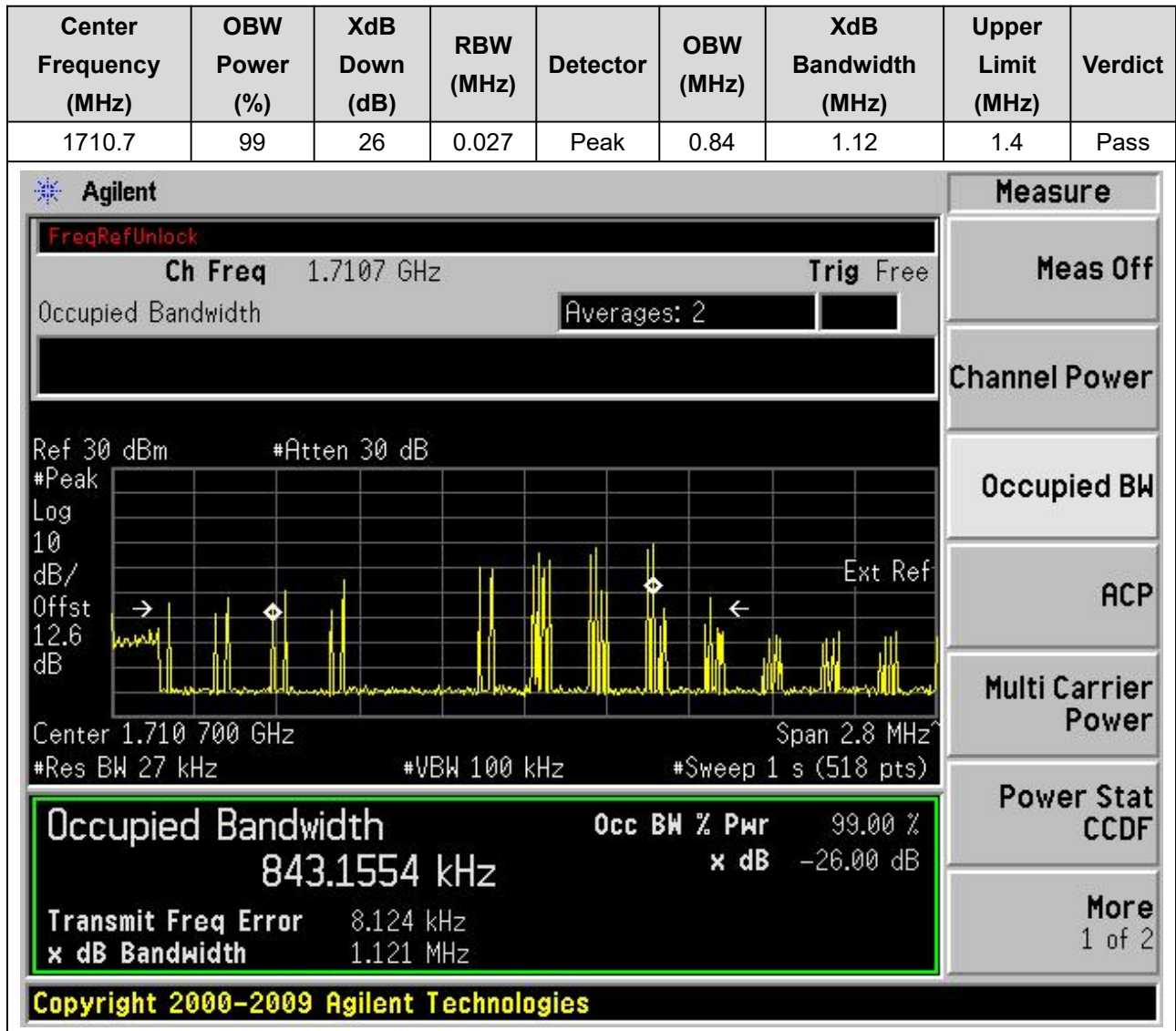
## 2.2 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:19957, Bandwidth:1.4, Modulation:16QAM, RB Number:6, RB Position:0)



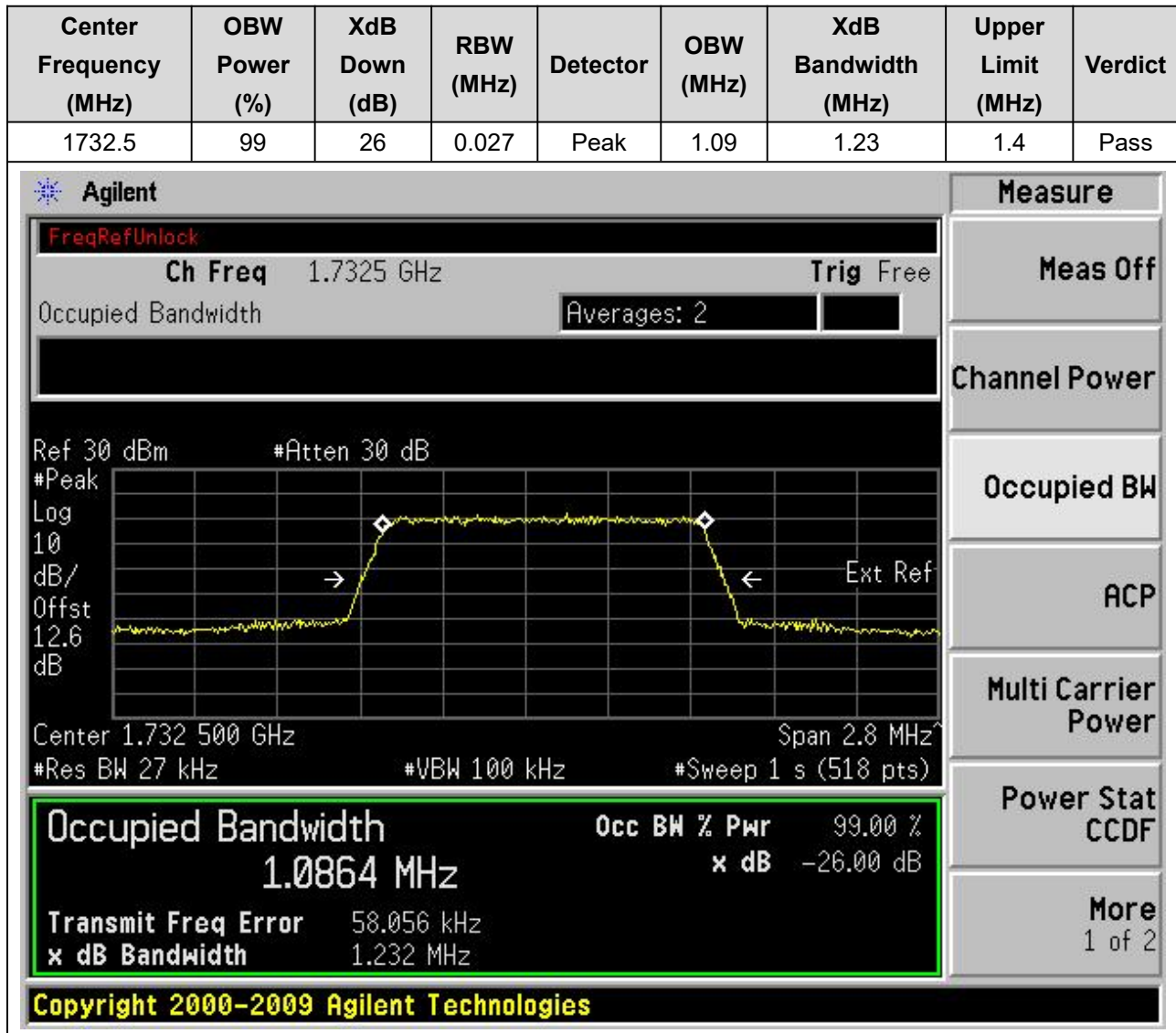
### 2.3 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:19957, Bandwidth:1.4, Modulation:64QAM, RB Number:6, RB Position:0)



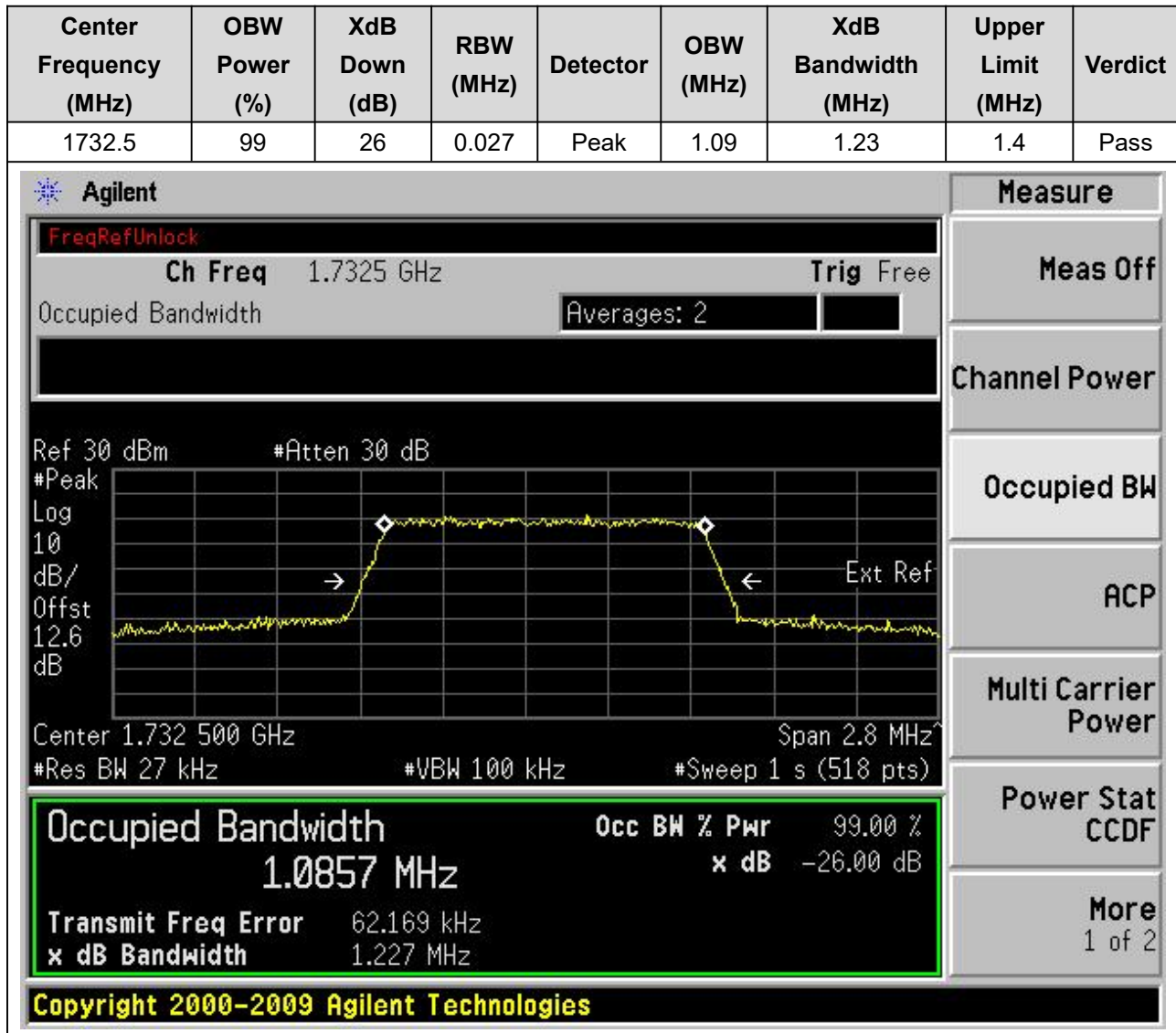
**2.4 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:19957, Bandwidth:1.4, Modulation:256QAM, RB Number:6, RB Position:0)**



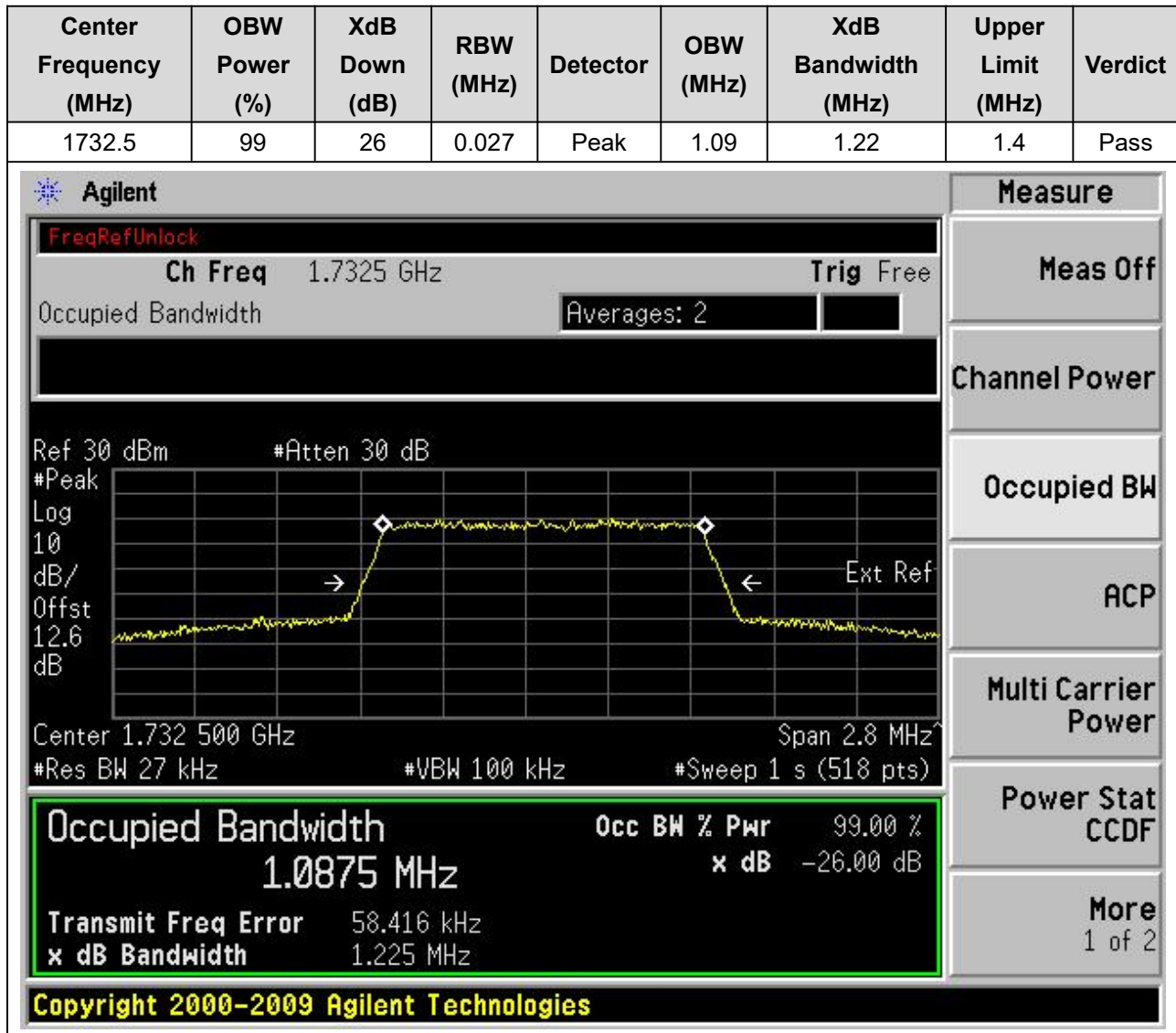
**2.5 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number:6, RB Position:0)**



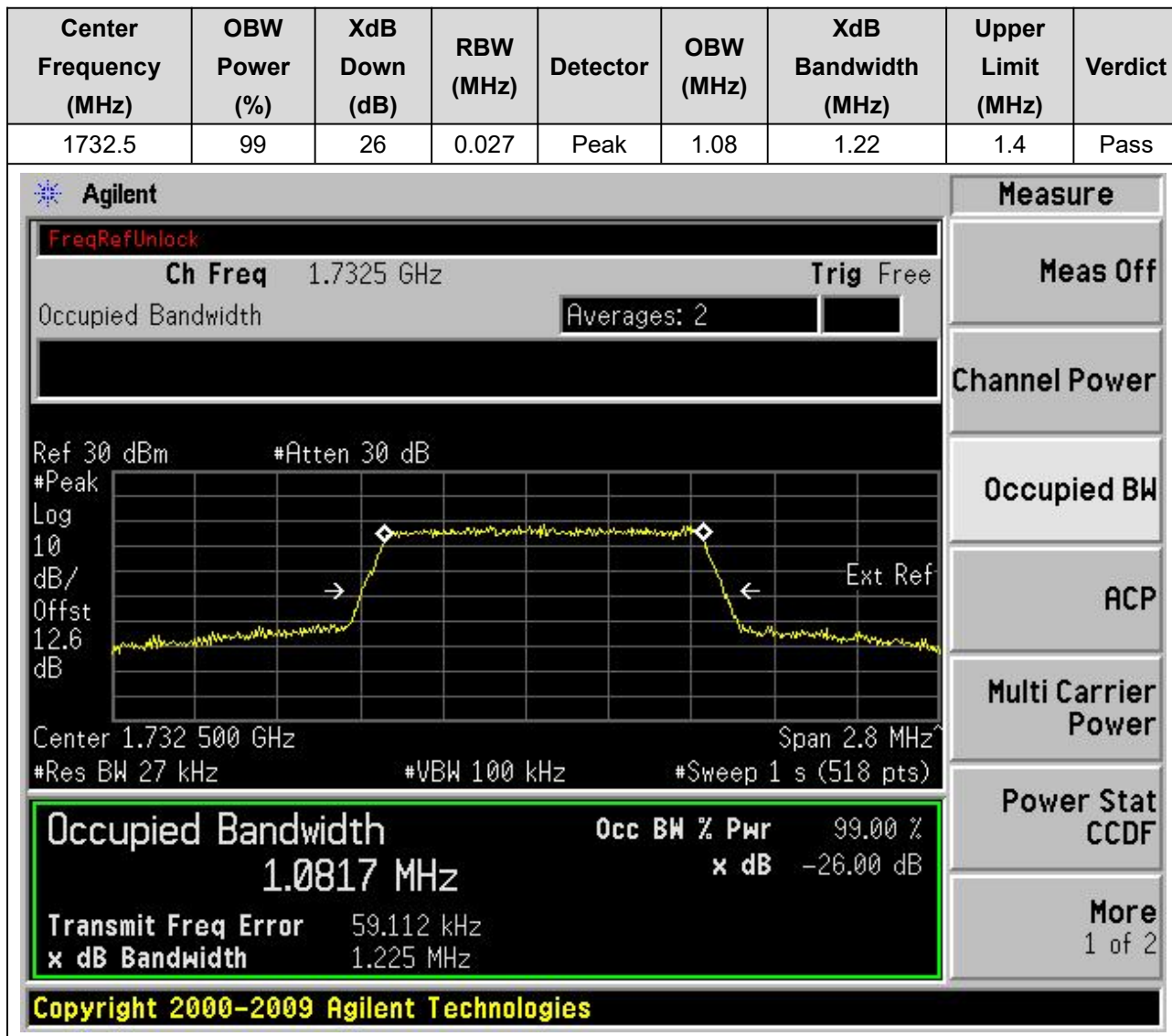
**2.6 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20175, Bandwidth:1.4, Modulation:16QAM, RB Number:6, RB Position:0)**



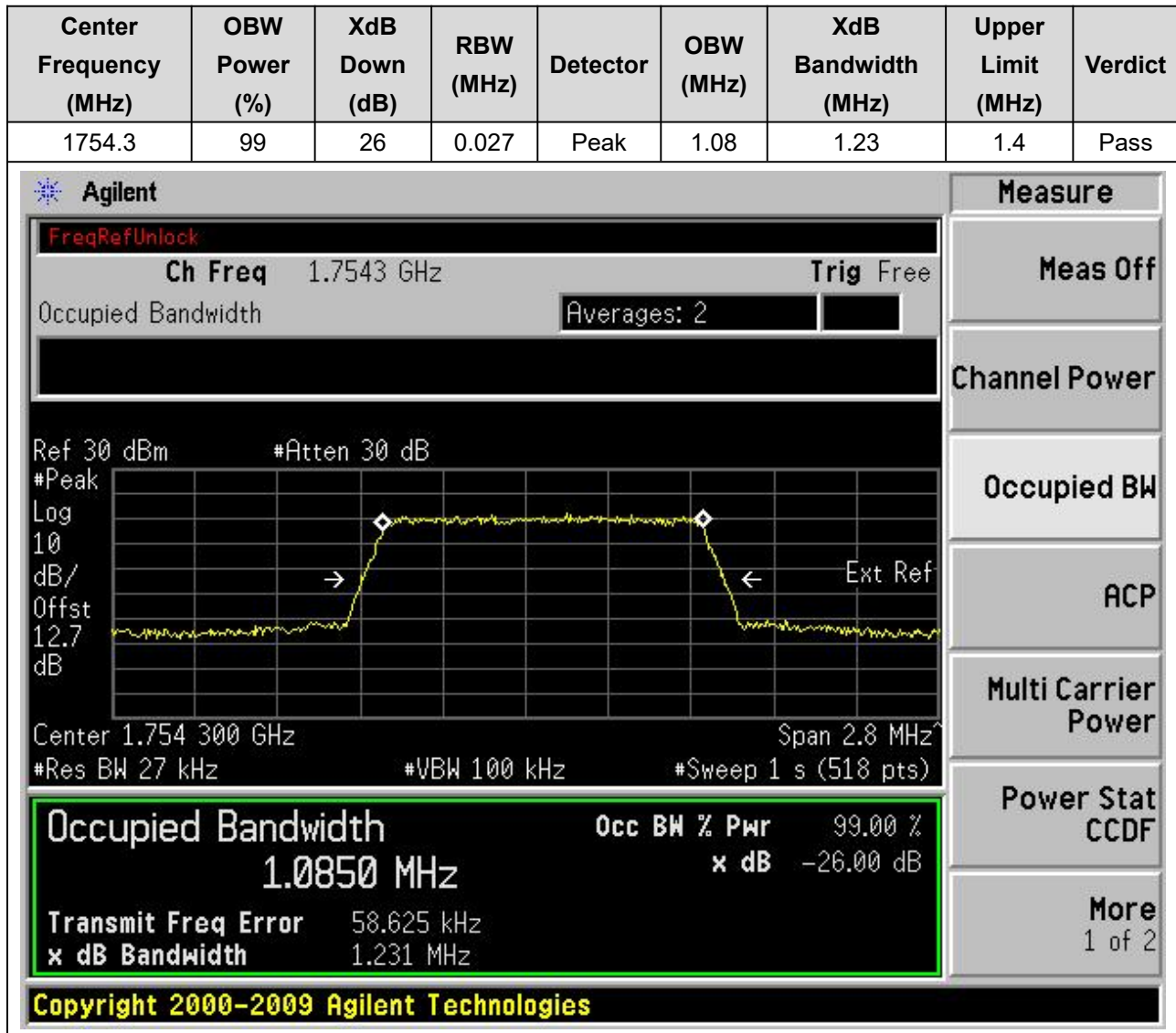
**2.7 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20175, Bandwidth:1.4, Modulation:64QAM, RB Number:6, RB Position:0)**



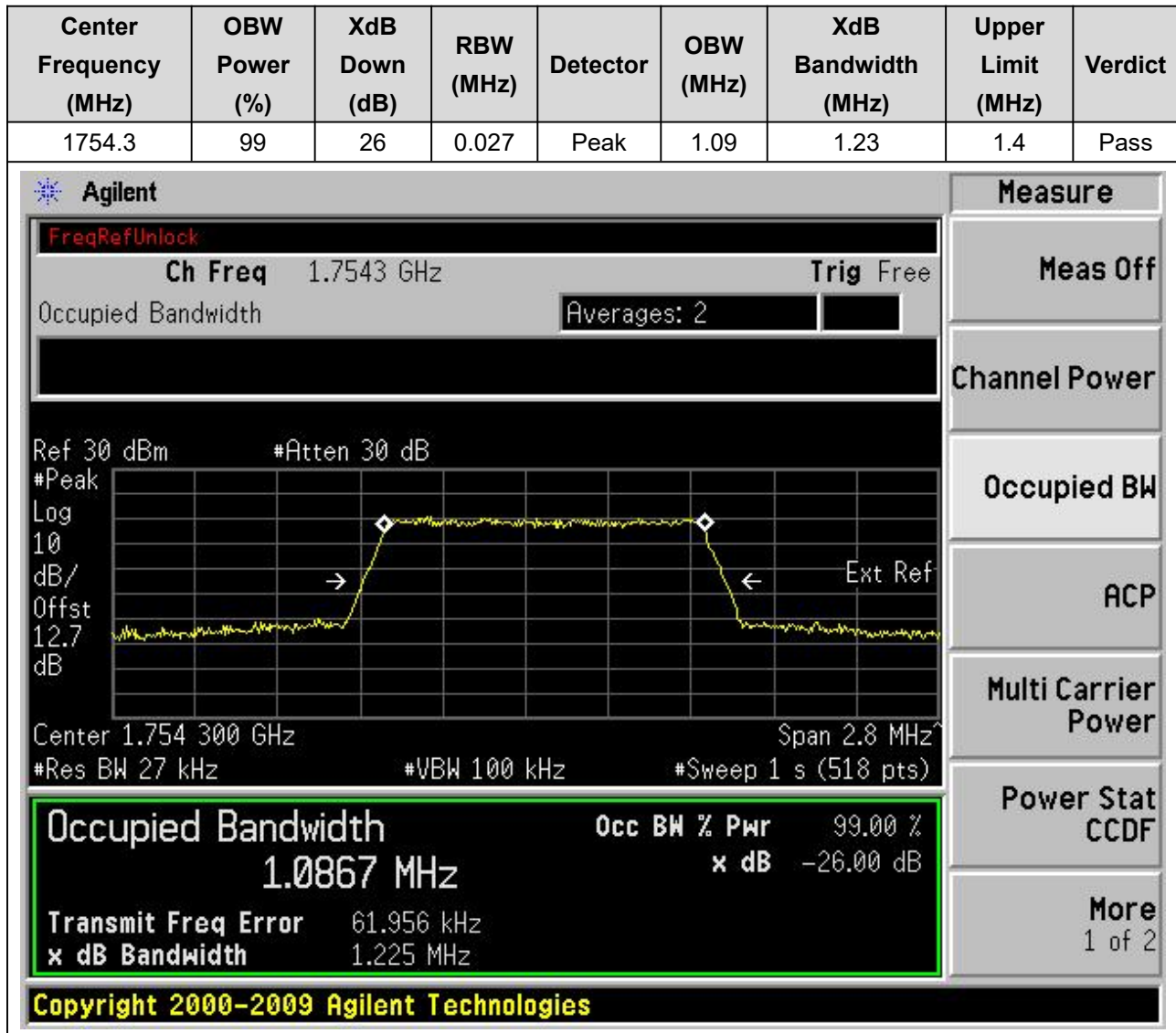
**2.8 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20175, Bandwidth:1.4, Modulation:256QAM, RB Number:6, RB Position:0)**



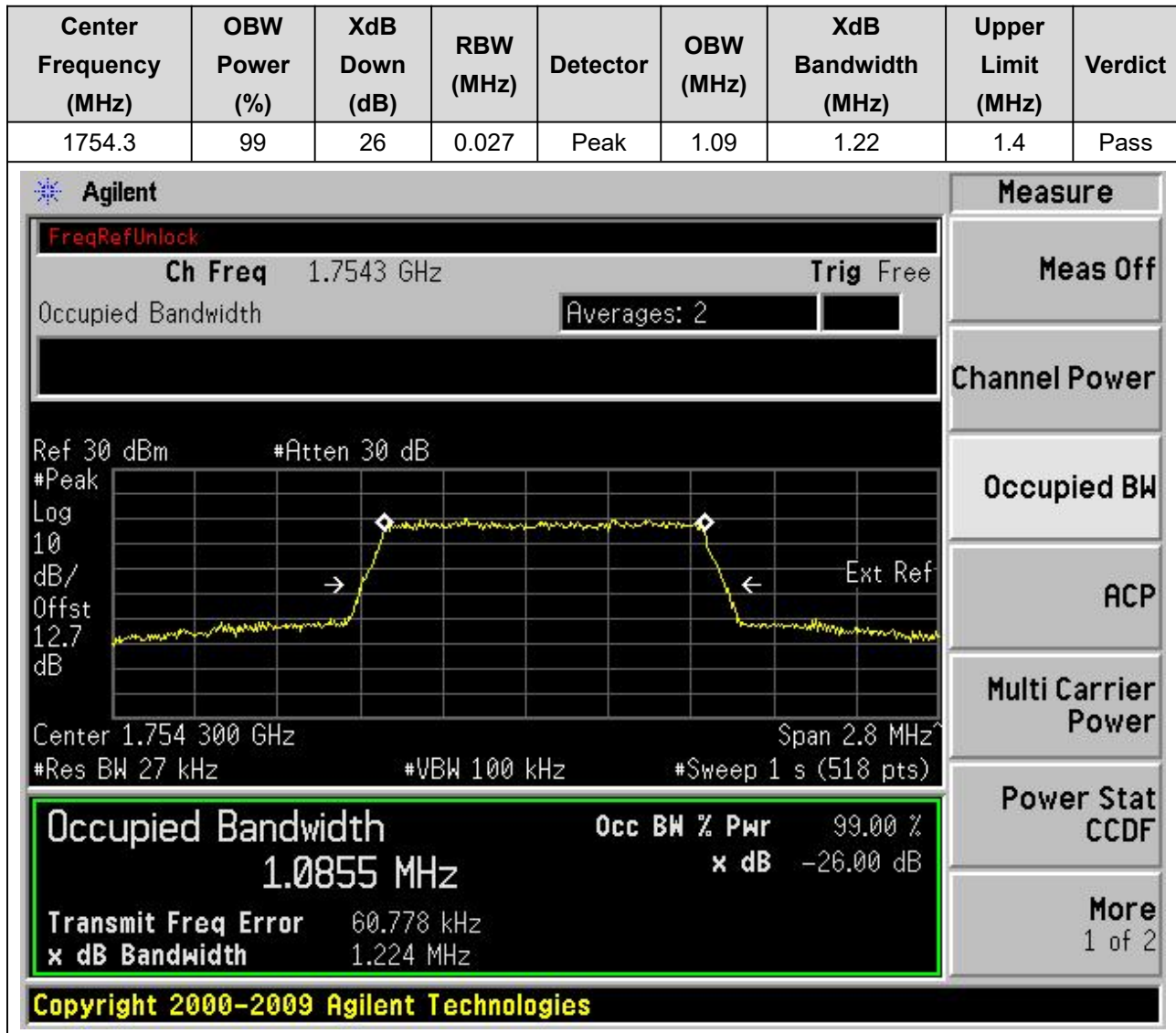
**2.9 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20393, Bandwidth:1.4, Modulation:QPSK, RB Number:6, RB Position:0)**



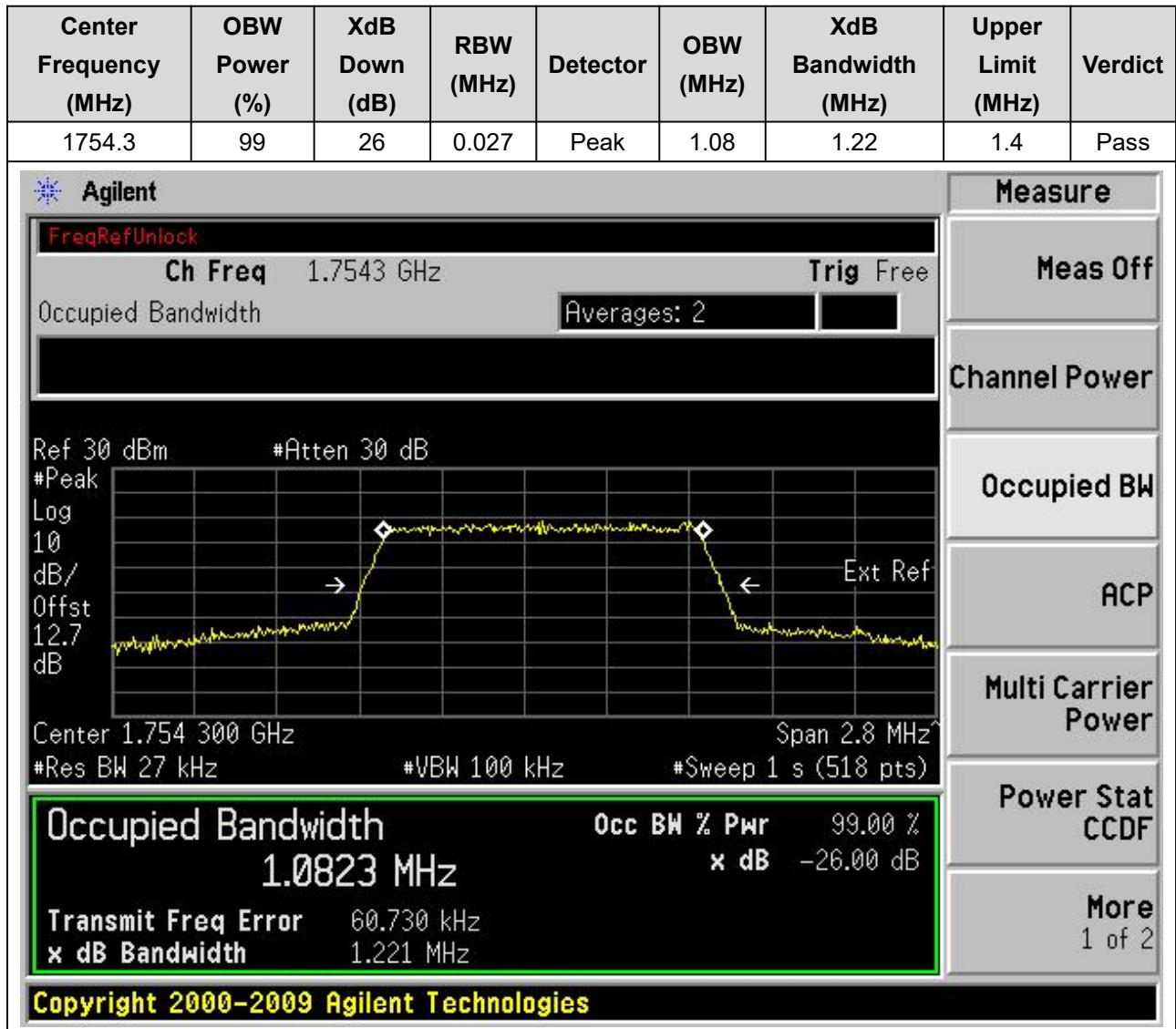
**2.10 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20393, Bandwidth:1.4, Modulation:16QAM, RB Number:6, RB Position:0)**



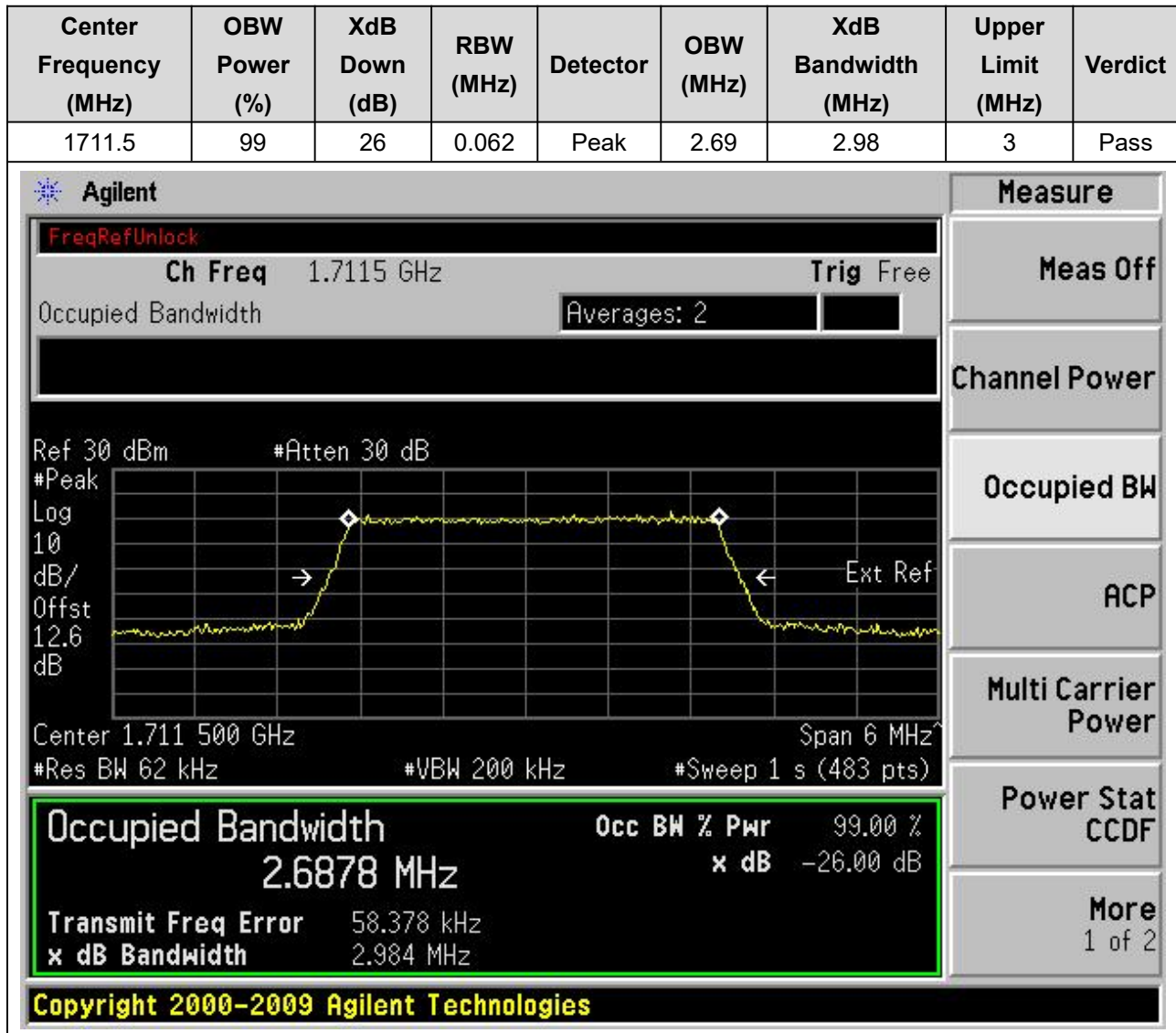
## 2.11 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20393, Bandwidth:1.4, Modulation:64QAM, RB Number:6, RB Position:0)



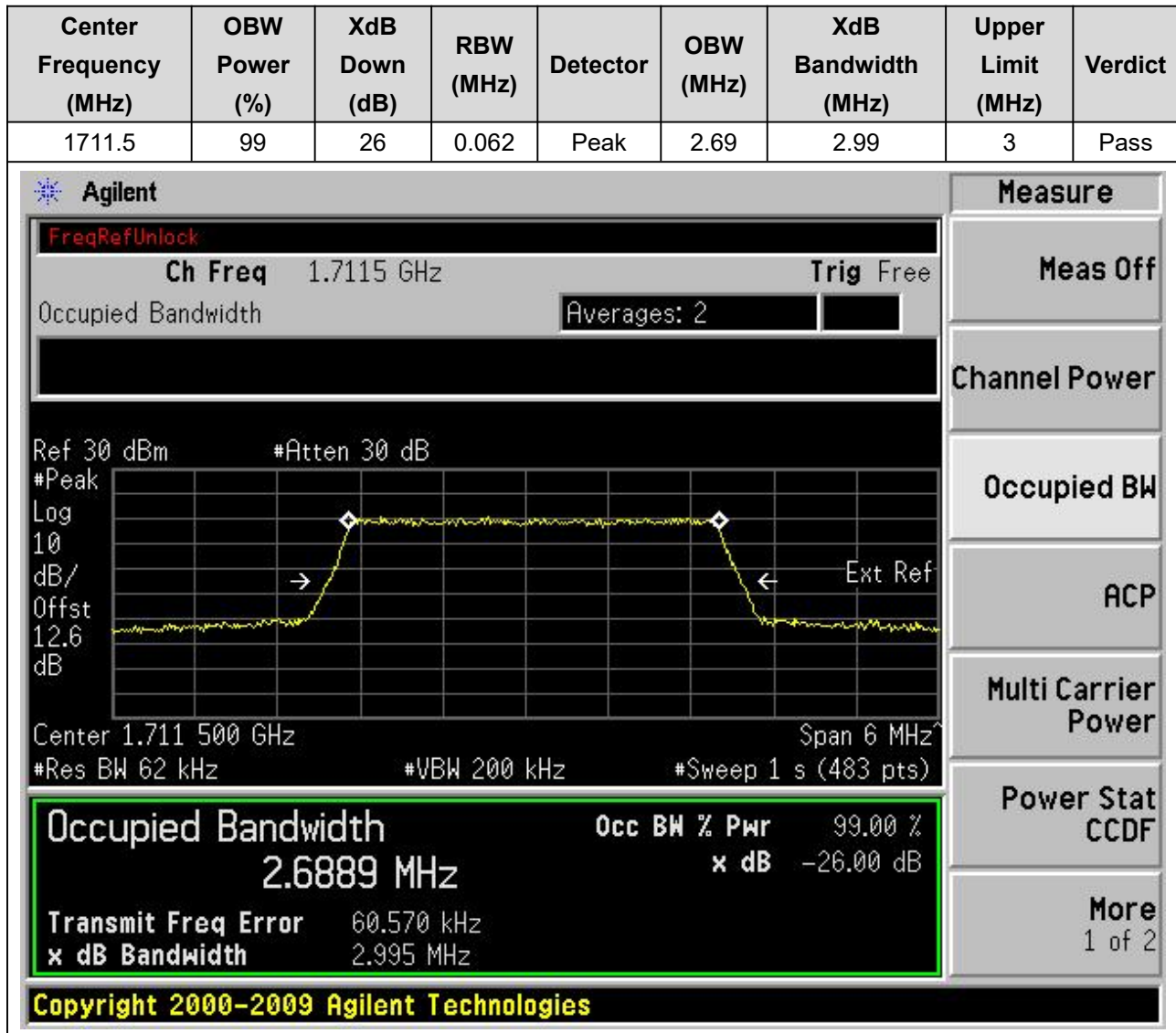
**2.12 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20393, Bandwidth:1.4, Modulation:256QAM, RB Number:6, RB Position:0)**



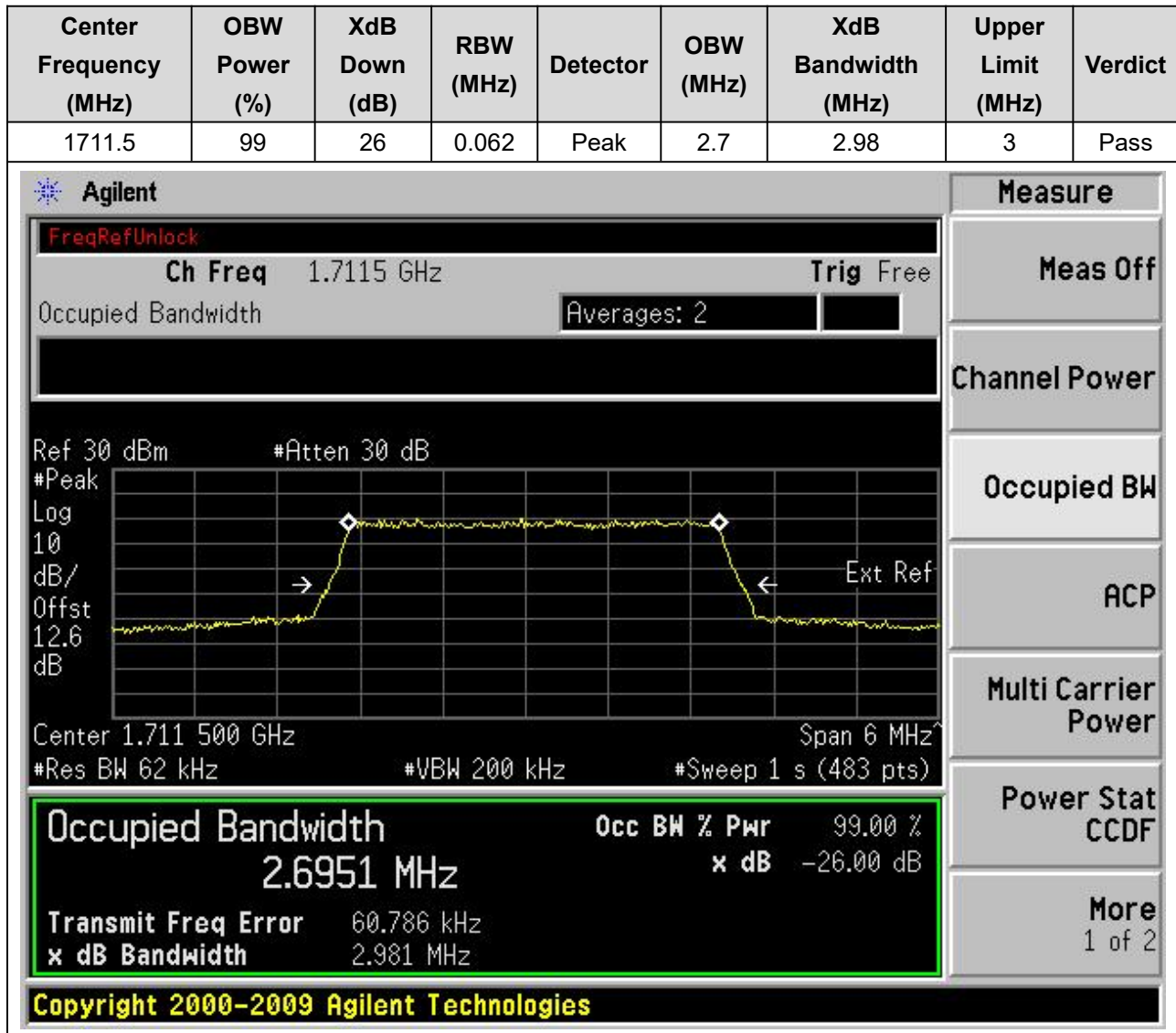
**2.13 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:19965, Bandwidth:3, Modulation:QPSK, RB Number:15, RB Position:0)**



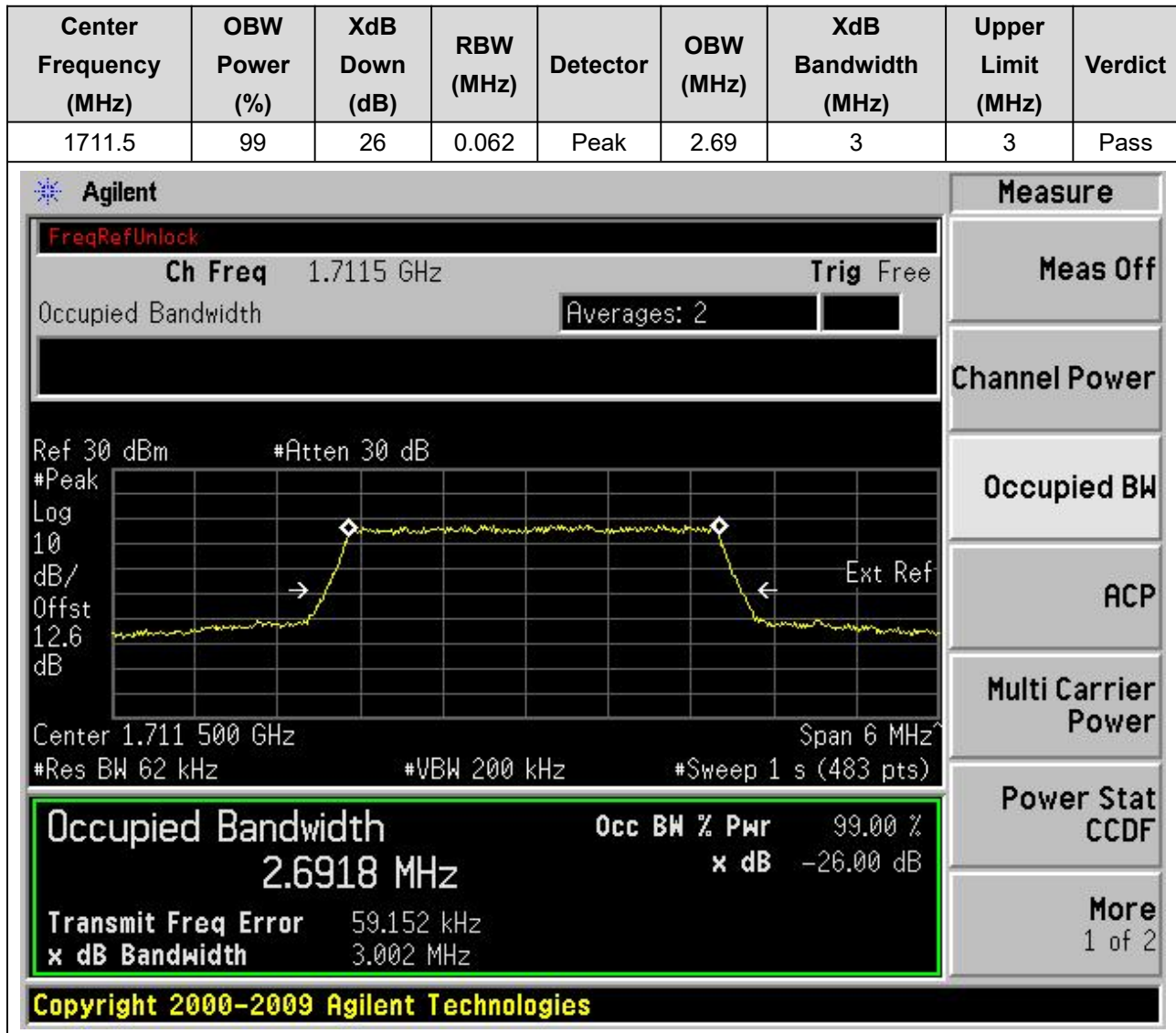
**2.14 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:19965, Bandwidth:3, Modulation:16QAM, RB Number:15, RB Position:0)**



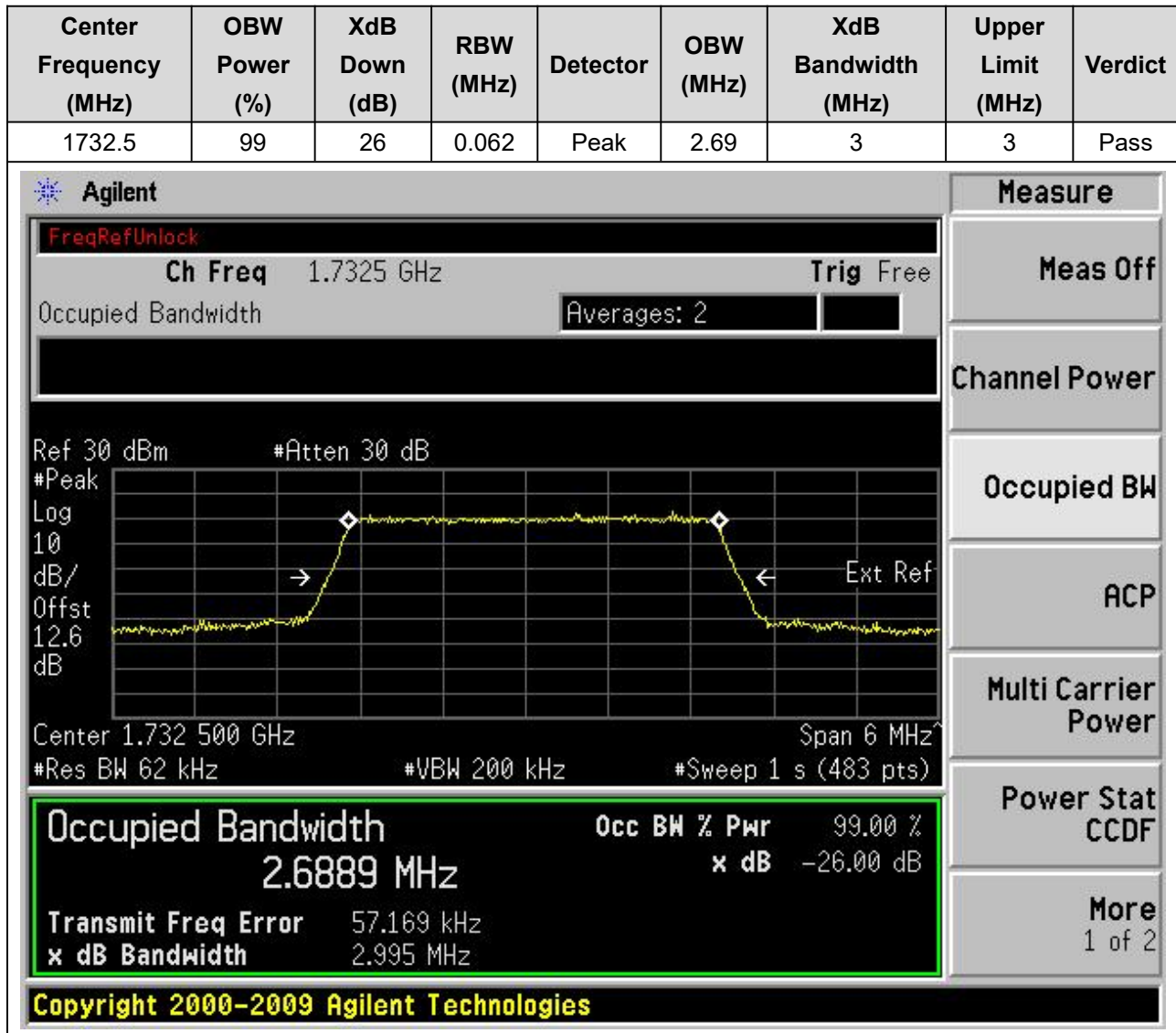
**2.15 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:19965, Bandwidth:3, Modulation:64QAM, RB Number:15, RB Position:0)**



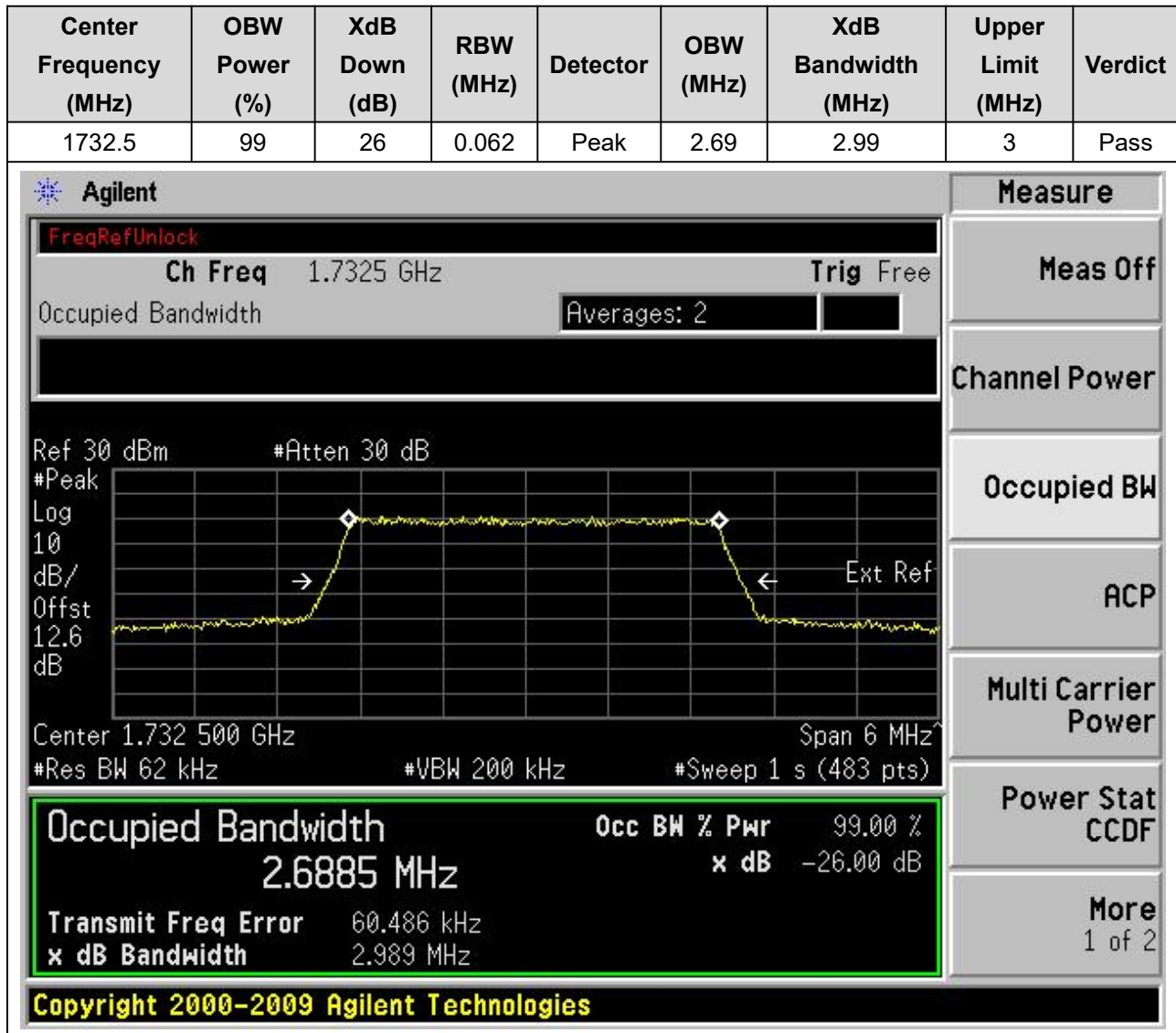
**2.16 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:19965, Bandwidth:3, Modulation:256QAM, RB Number:15, RB Position:0)**



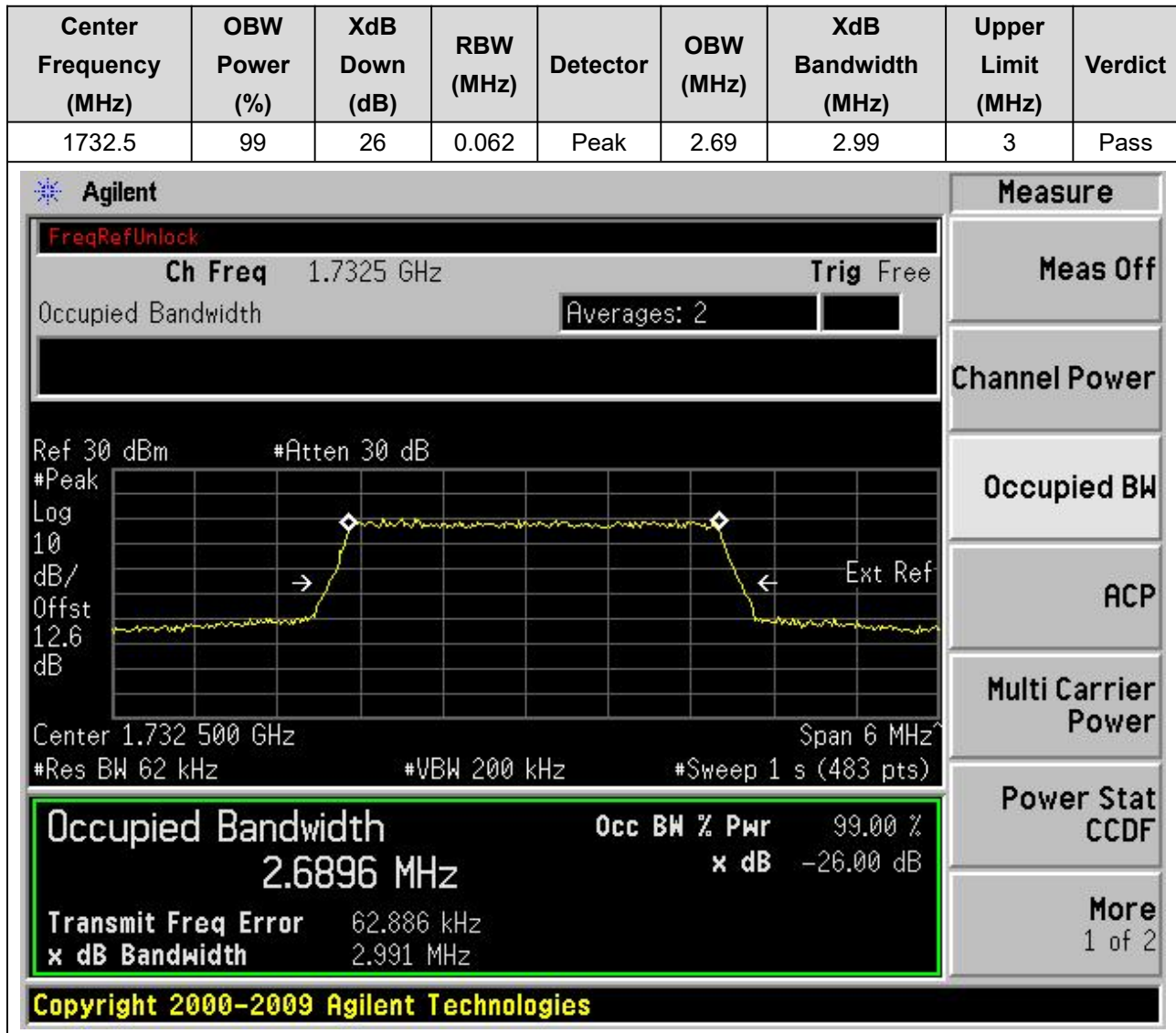
**2.17 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20175, Bandwidth:3, Modulation:QPSK, RB Number:15, RB Position:0)**



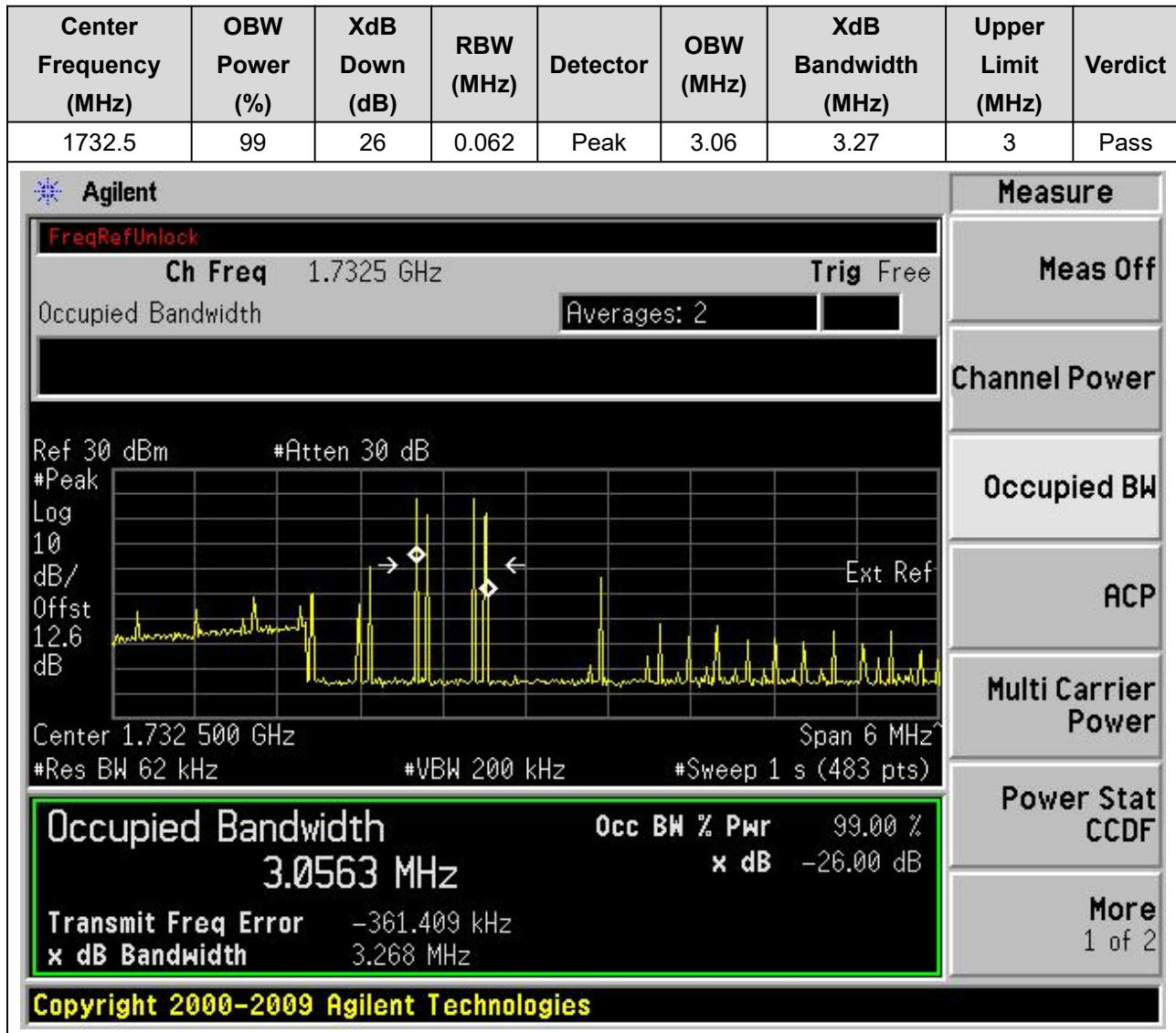
**2.18 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20175, Bandwidth:3, Modulation:16QAM, RB Number:15, RB Position:0)**



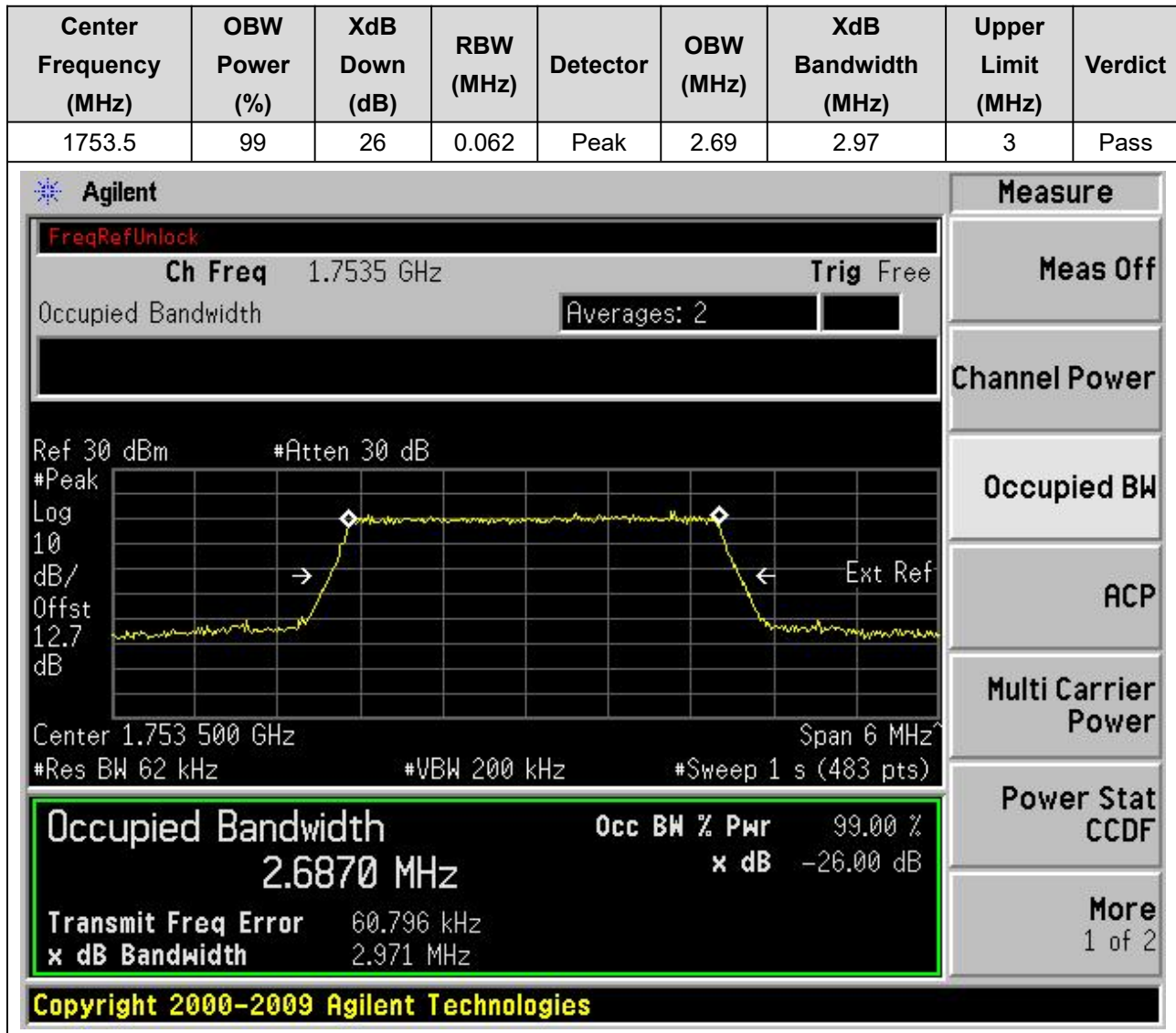
**2.19 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20175, Bandwidth:3, Modulation:64QAM, RB Number:15, RB Position:0)**



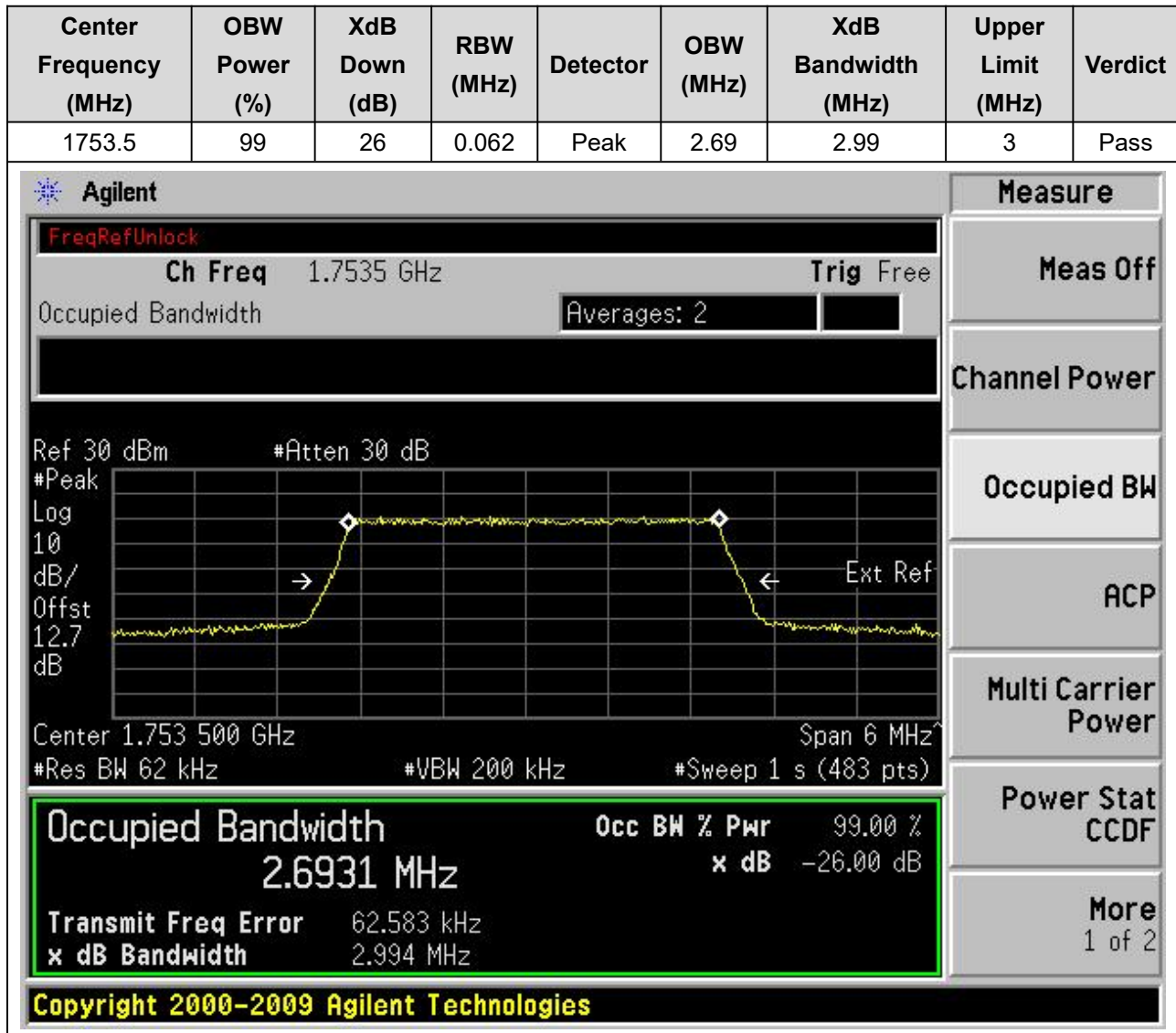
**2.20 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20175, Bandwidth:3, Modulation:256QAM, RB Number:15, RB Position:0)**



**2.21 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20385, Bandwidth:3, Modulation:QPSK, RB Number:15, RB Position:0)**

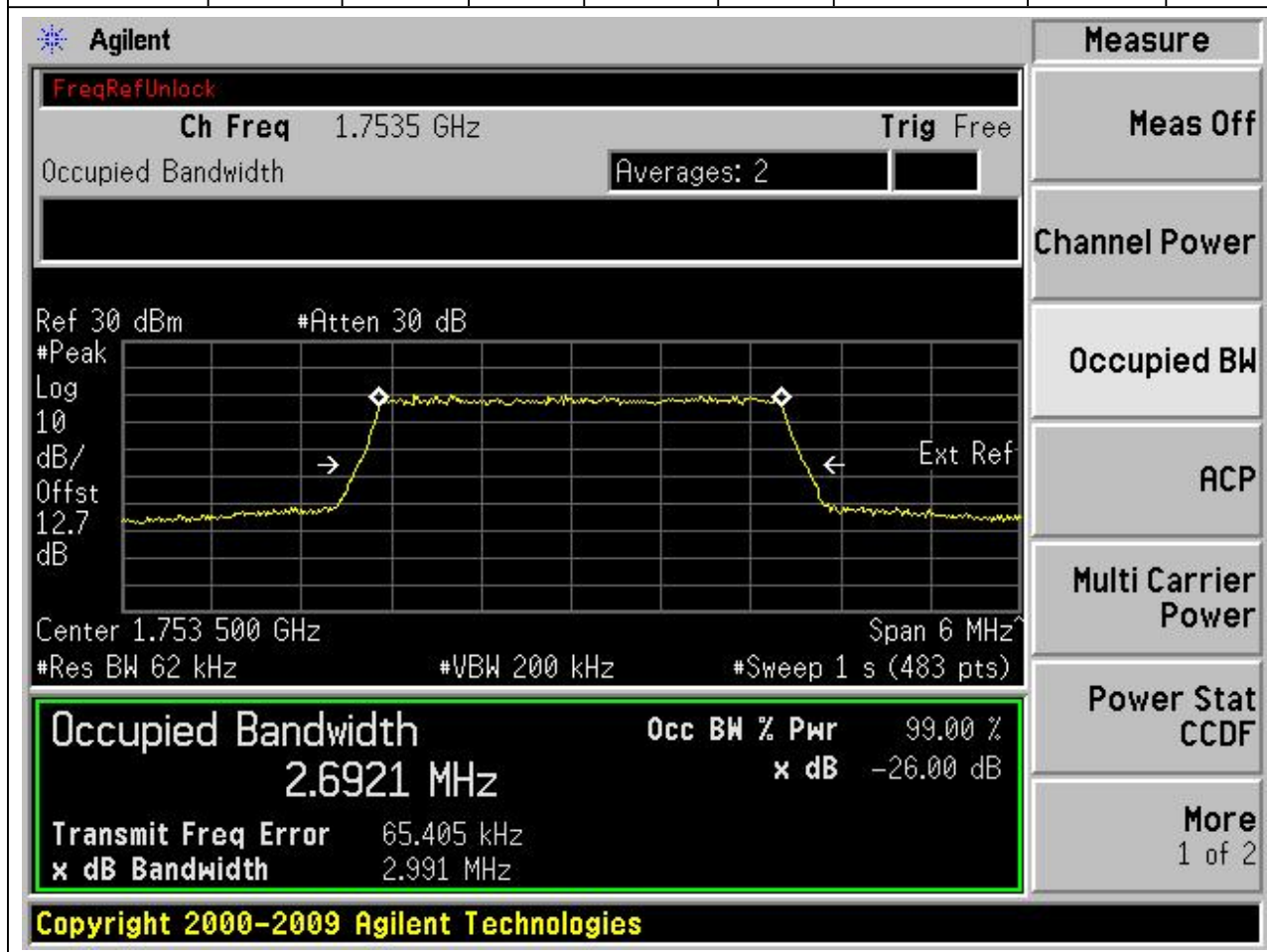


**2.22 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20385, Bandwidth:3, Modulation:16QAM, RB Number:15, RB Position:0)**

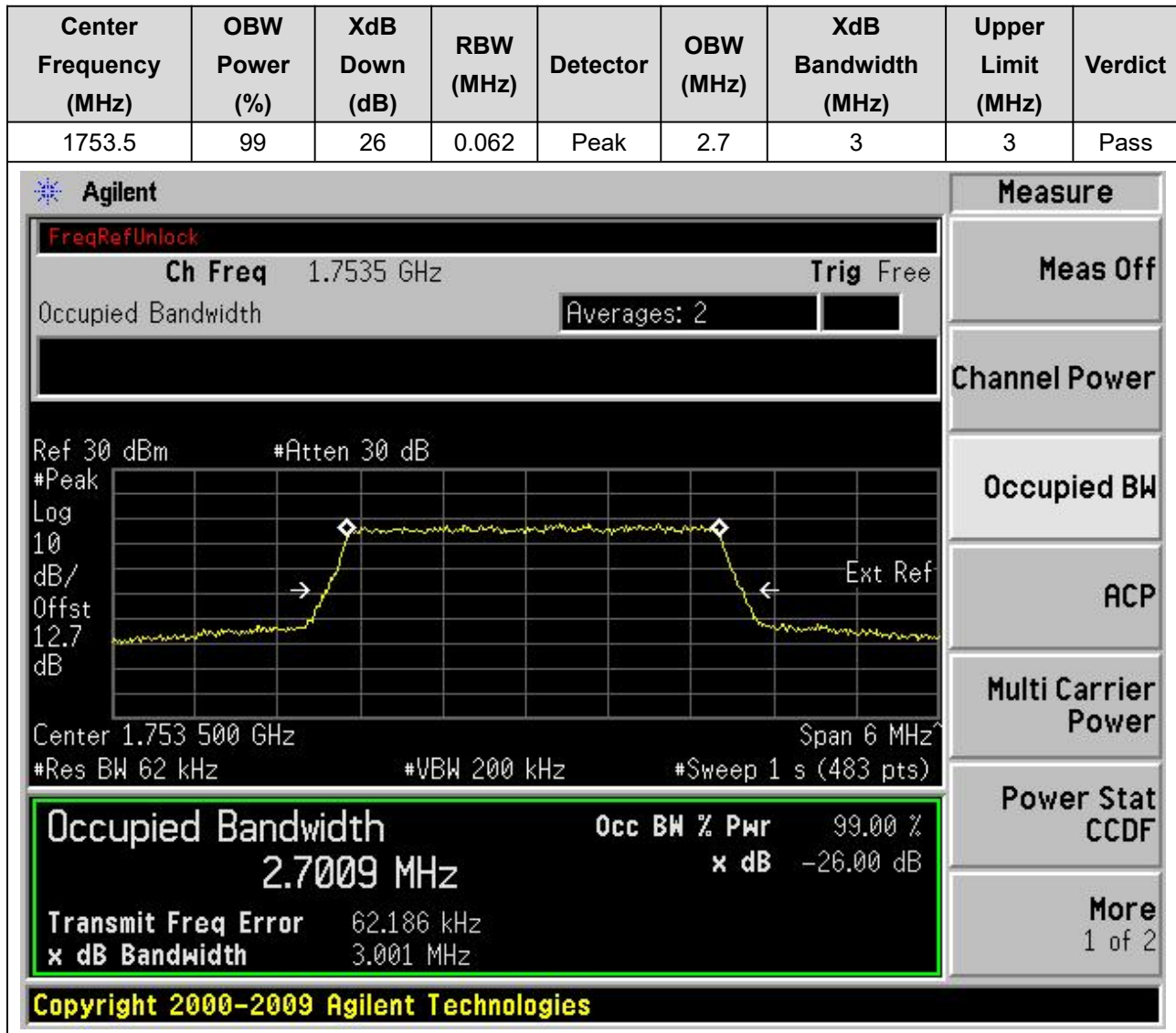


## 2.23 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20385, Bandwidth:3, Modulation:64QAM, RB Number:15, RB Position:0)

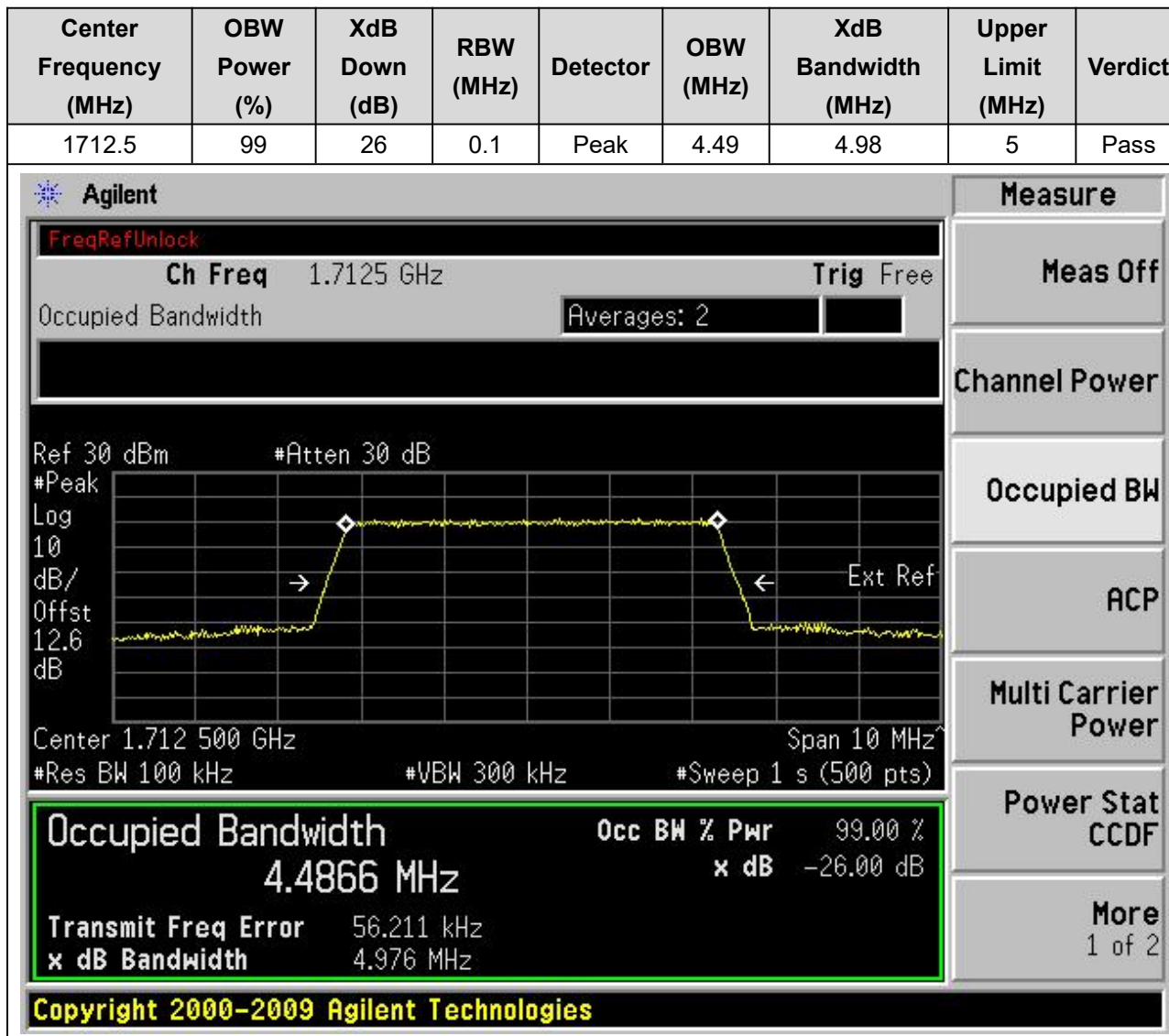
| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1753.5                 | 99            | 26            | 0.062     | Peak     | 2.69      | 2.99                | 3                 | Pass    |



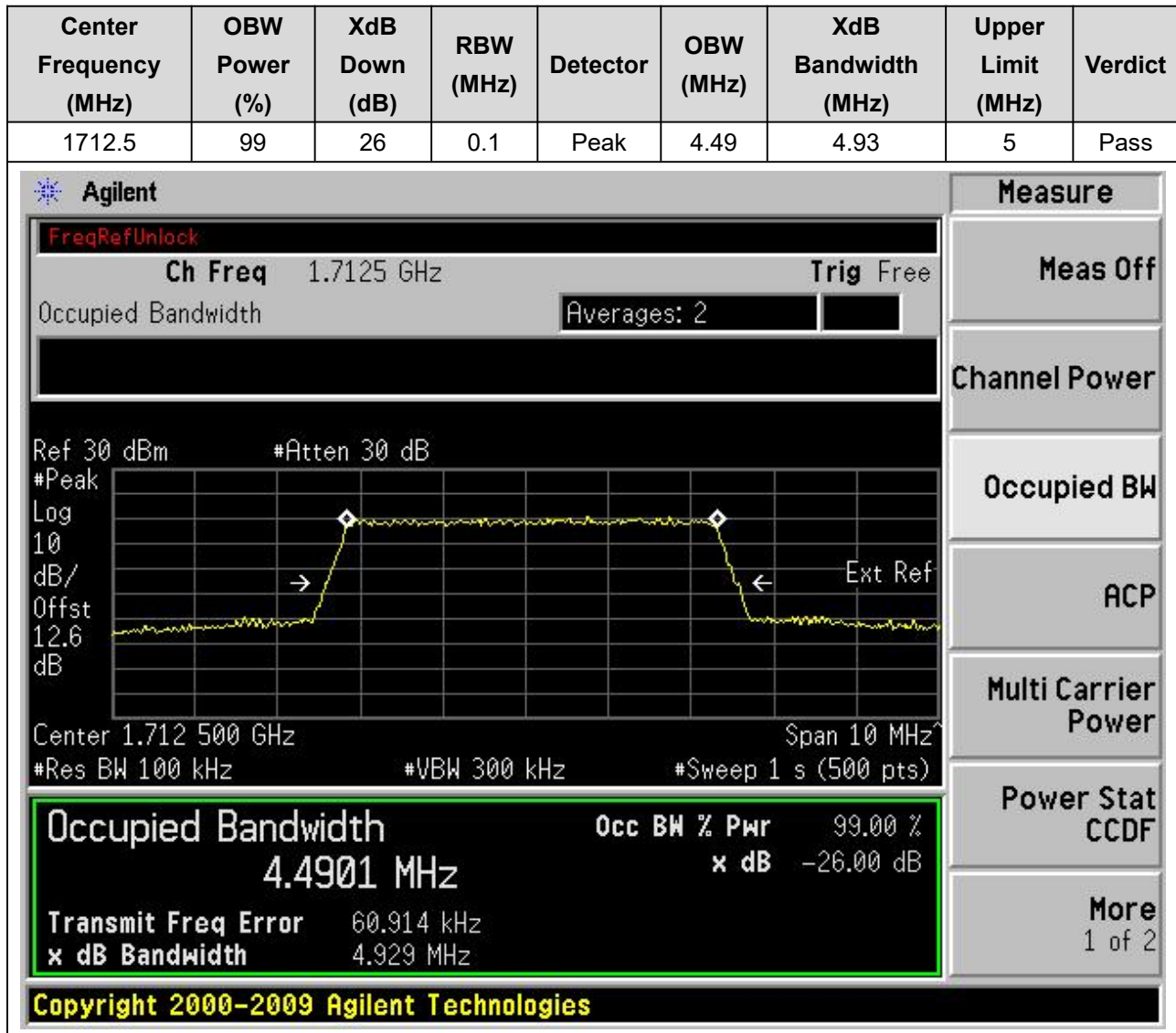
**2.24 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20385, Bandwidth:3, Modulation:256QAM, RB Number:15, RB Position:0)**



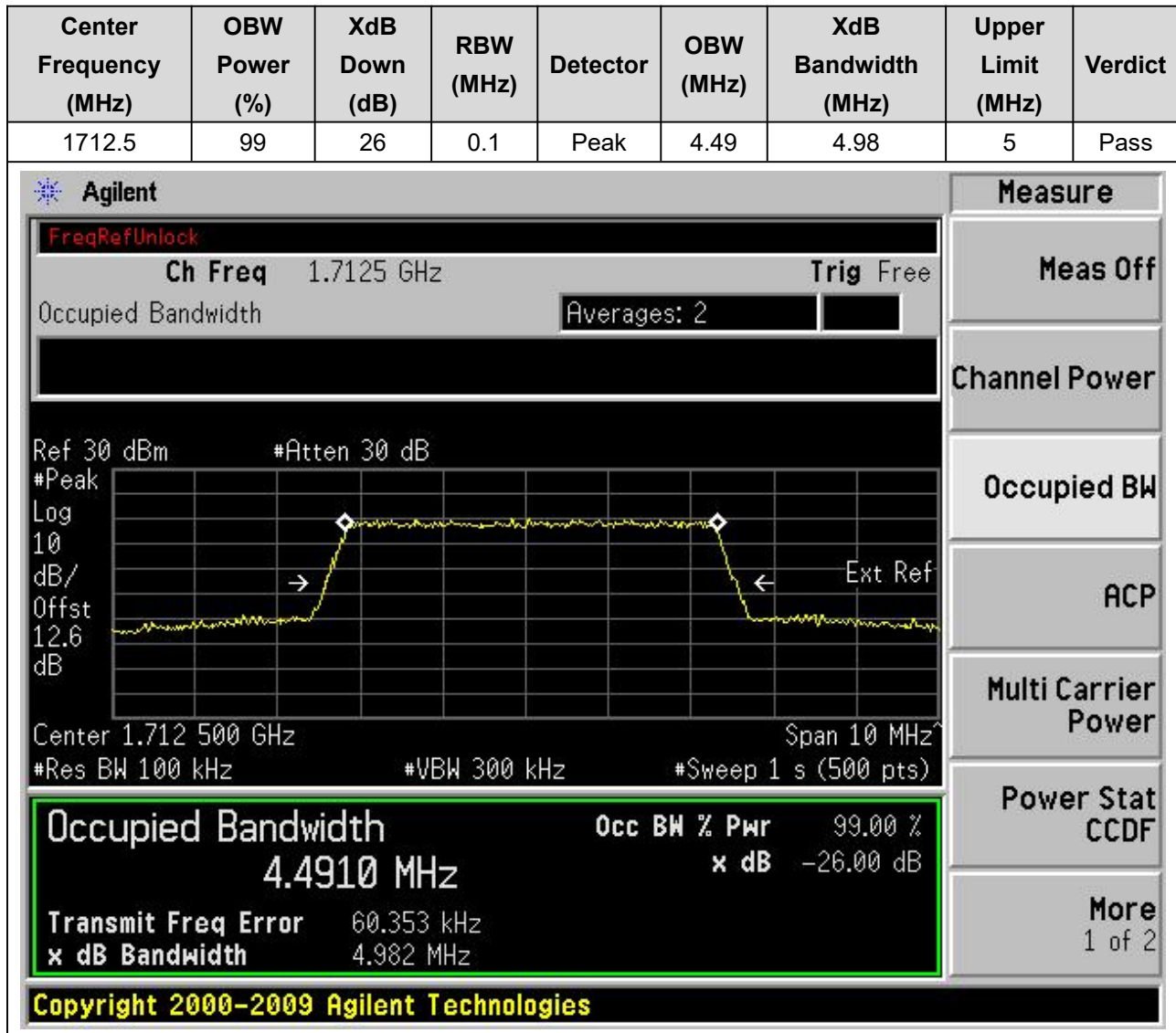
**2.25 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:19975, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)**



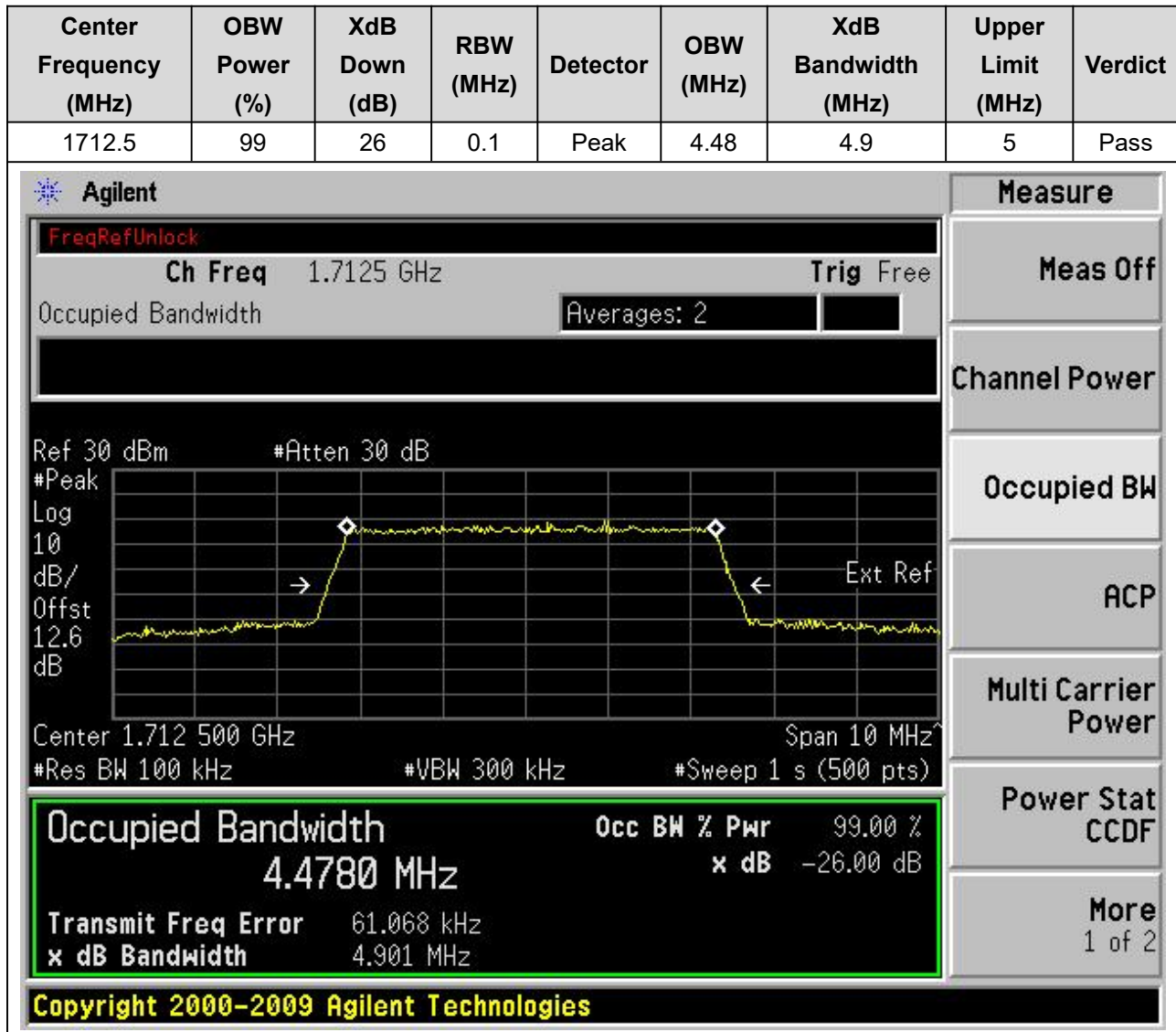
**2.26 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:19975, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)**



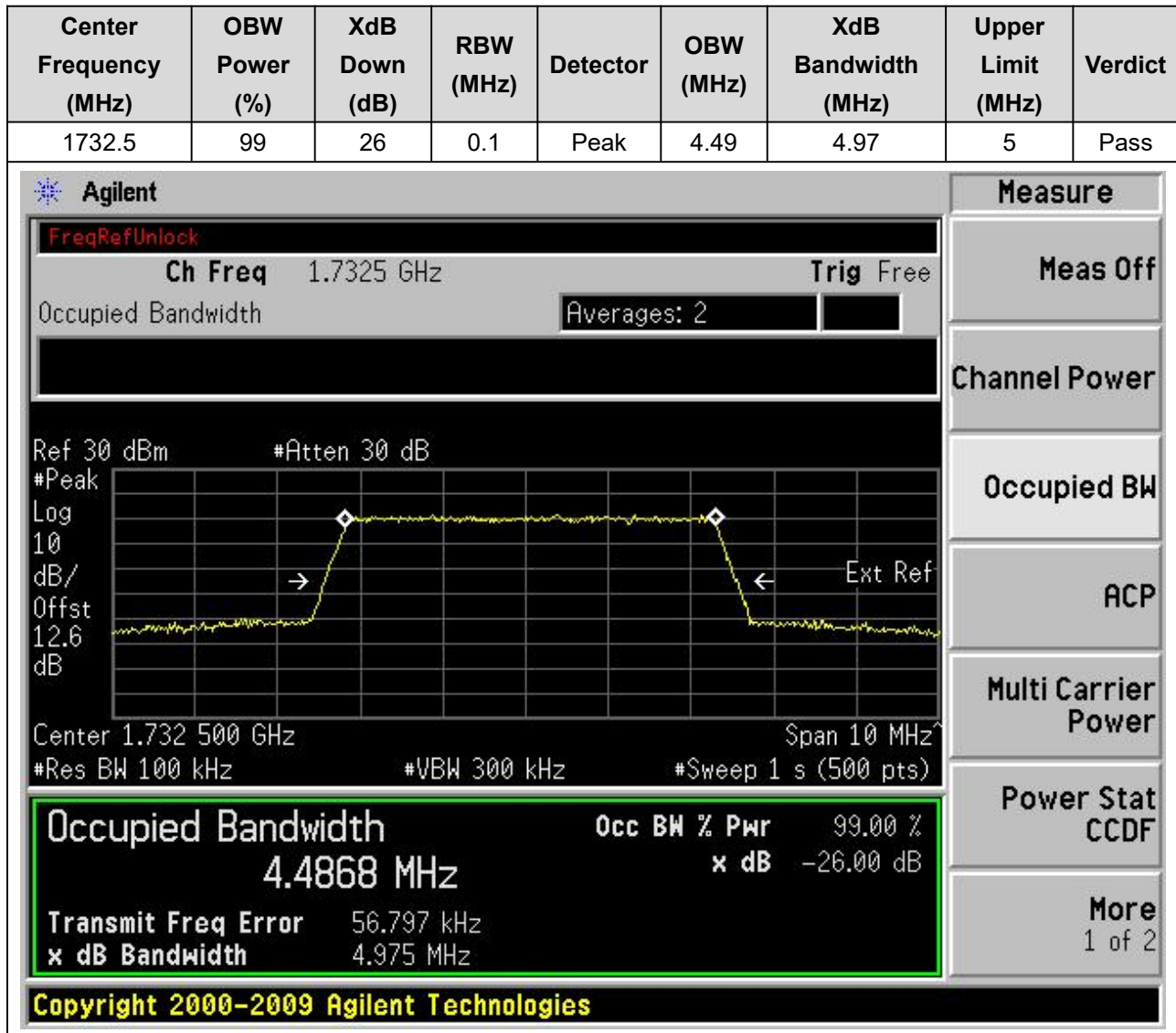
**2.27 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:19975, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)**



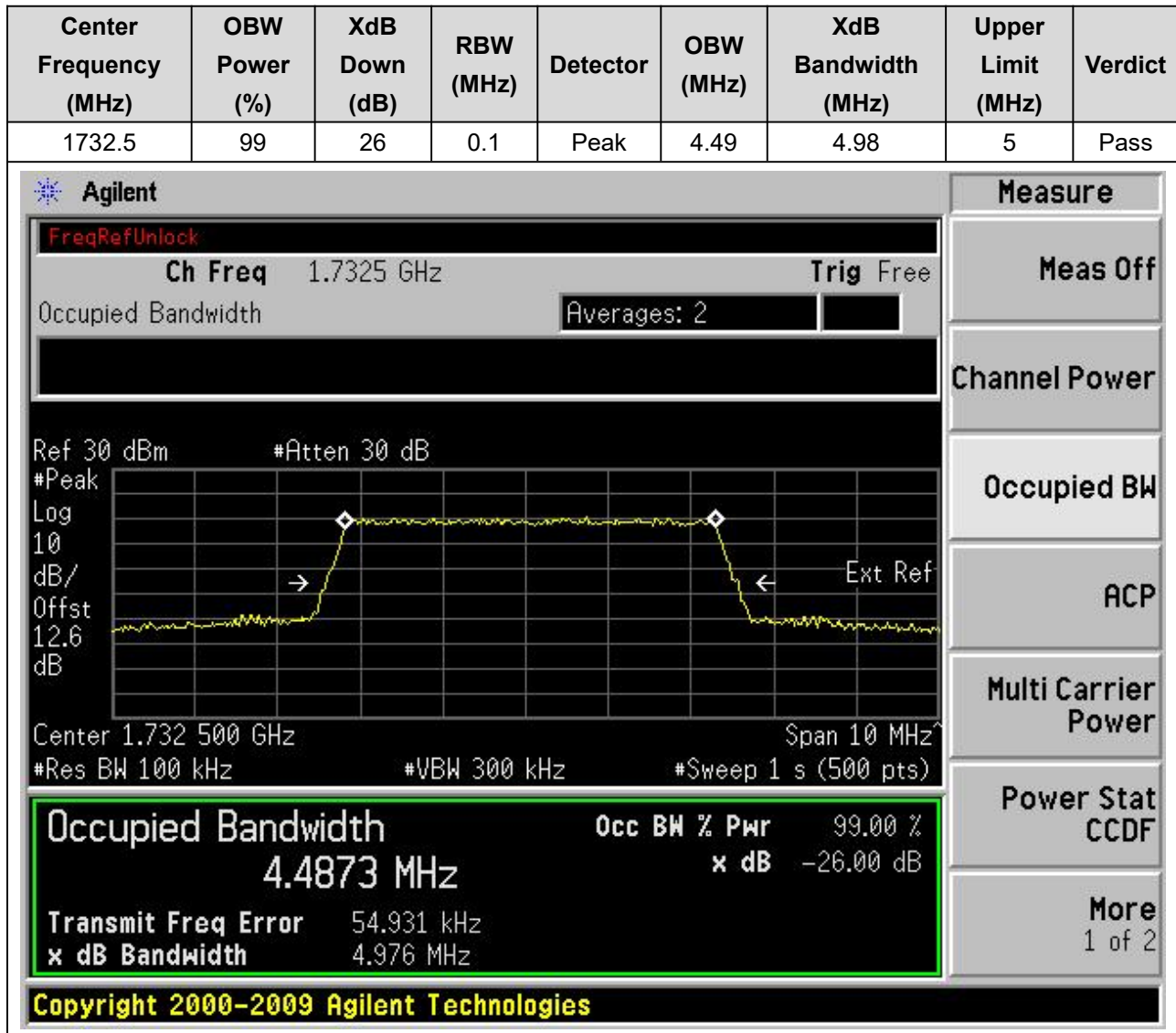
**2.28 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:19975, Bandwidth:5, Modulation:256QAM, RB Number:25, RB Position:0)**



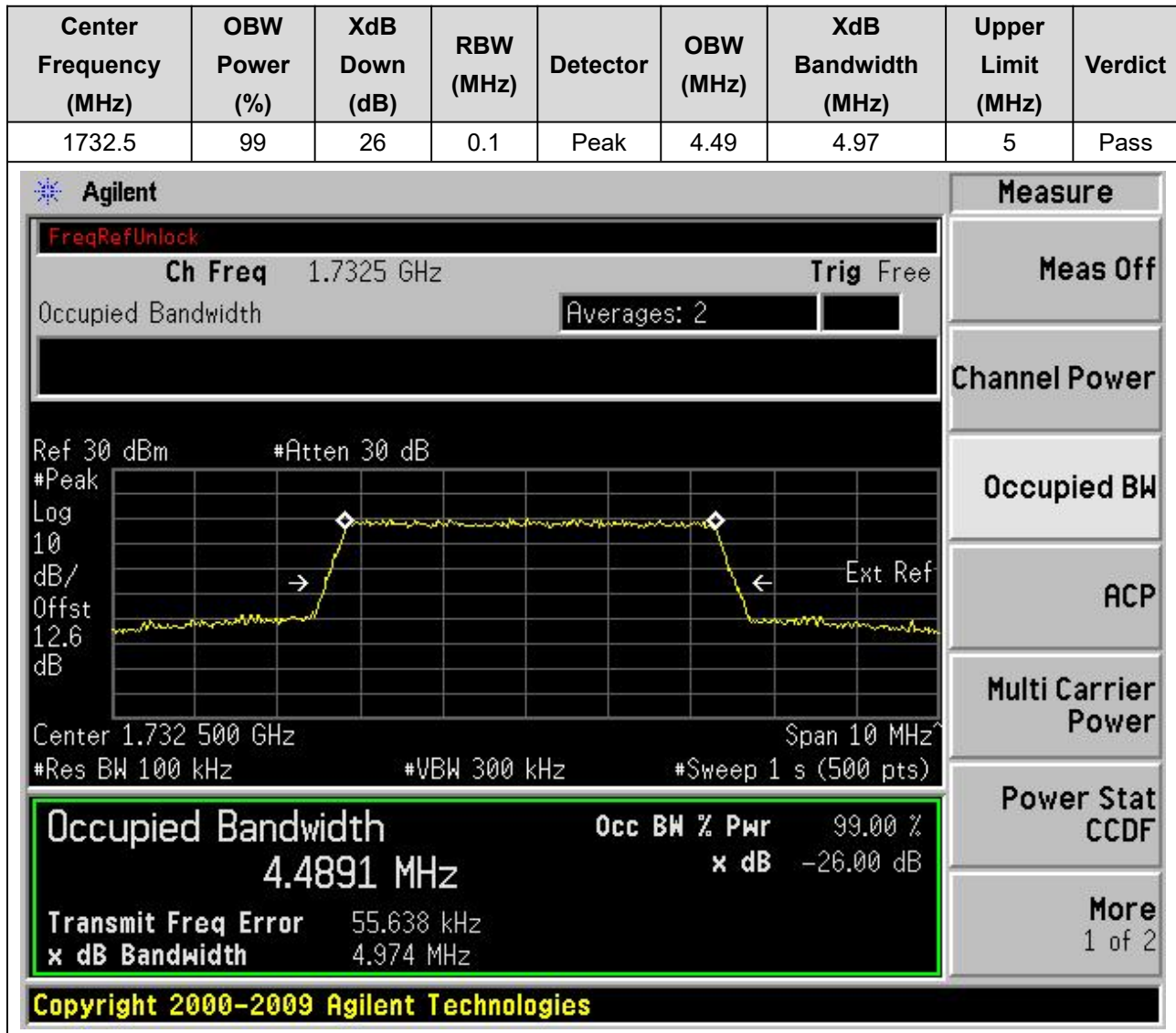
**2.29 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20175, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)**



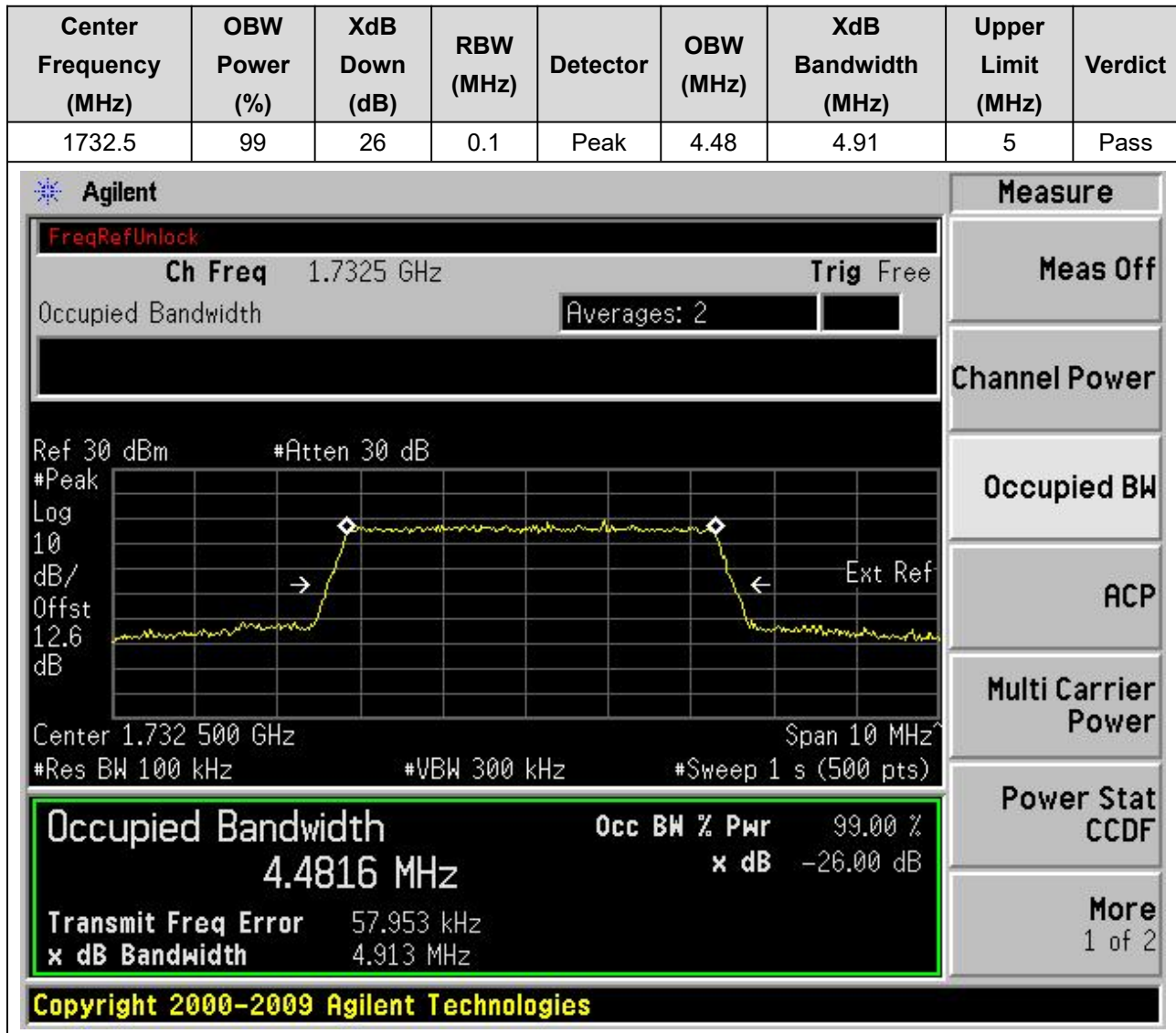
**2.30 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20175, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)**



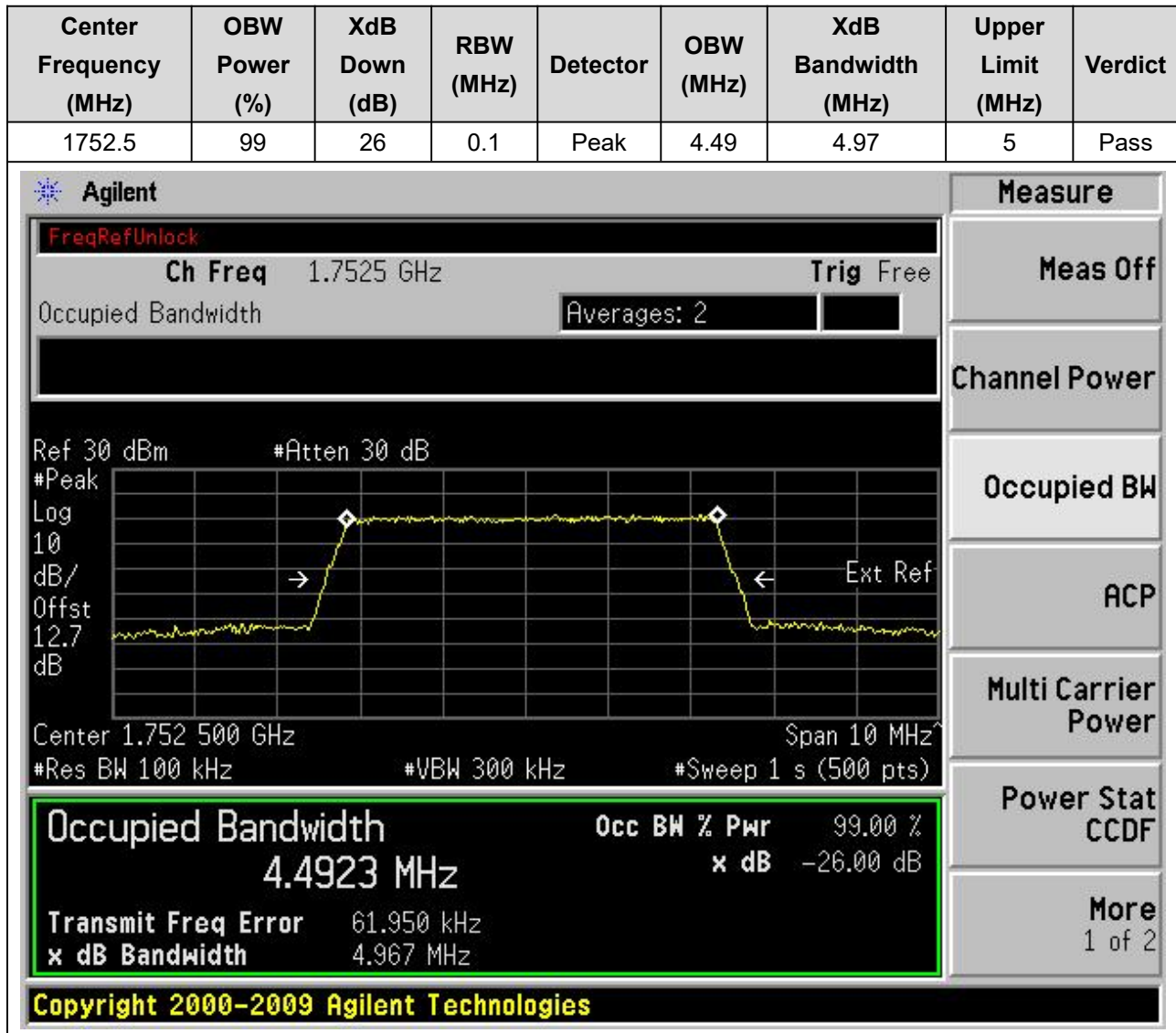
**2.31 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20175, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)**



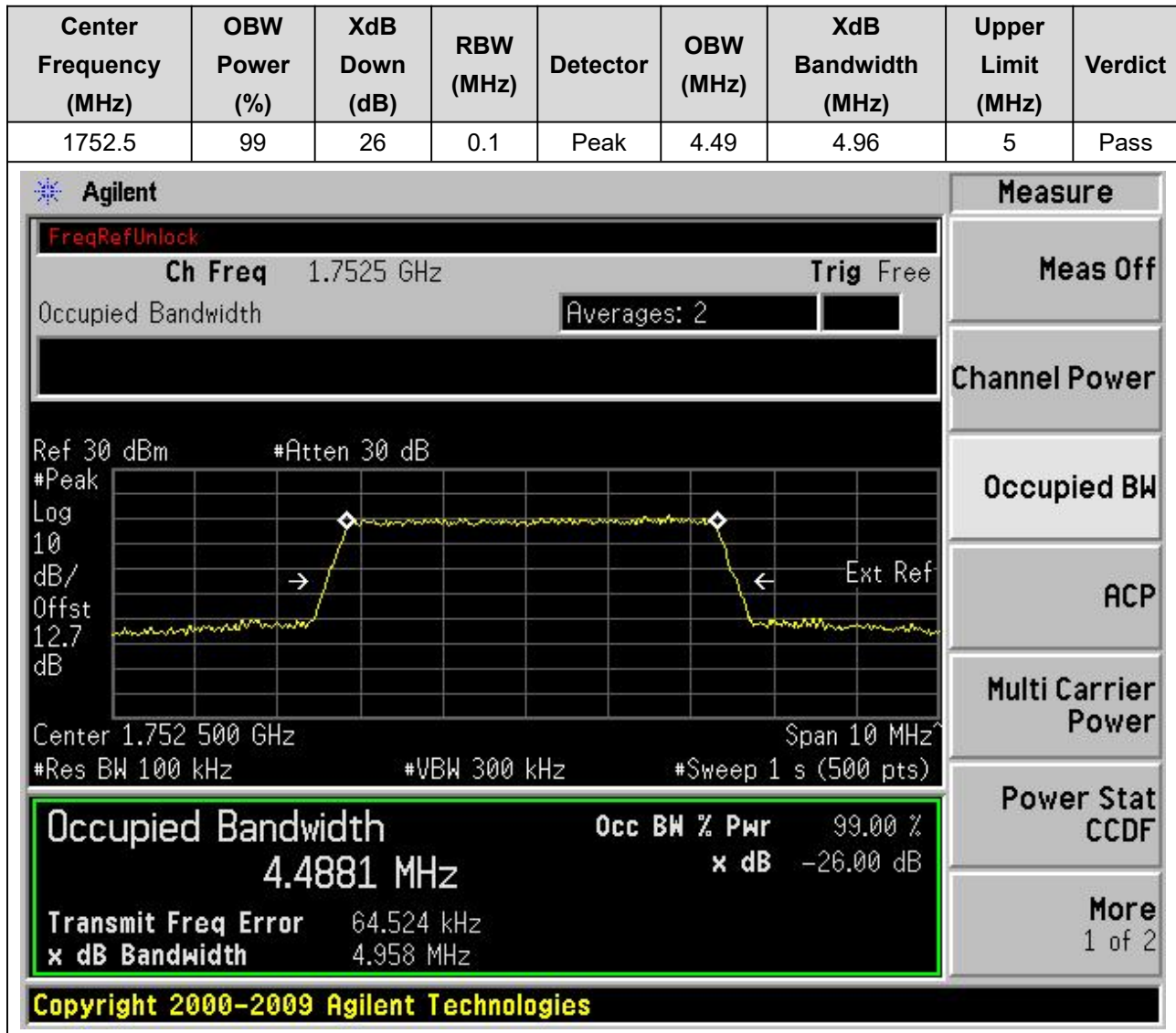
**2.32 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20175, Bandwidth:5, Modulation:256QAM, RB Number:25, RB Position:0)**



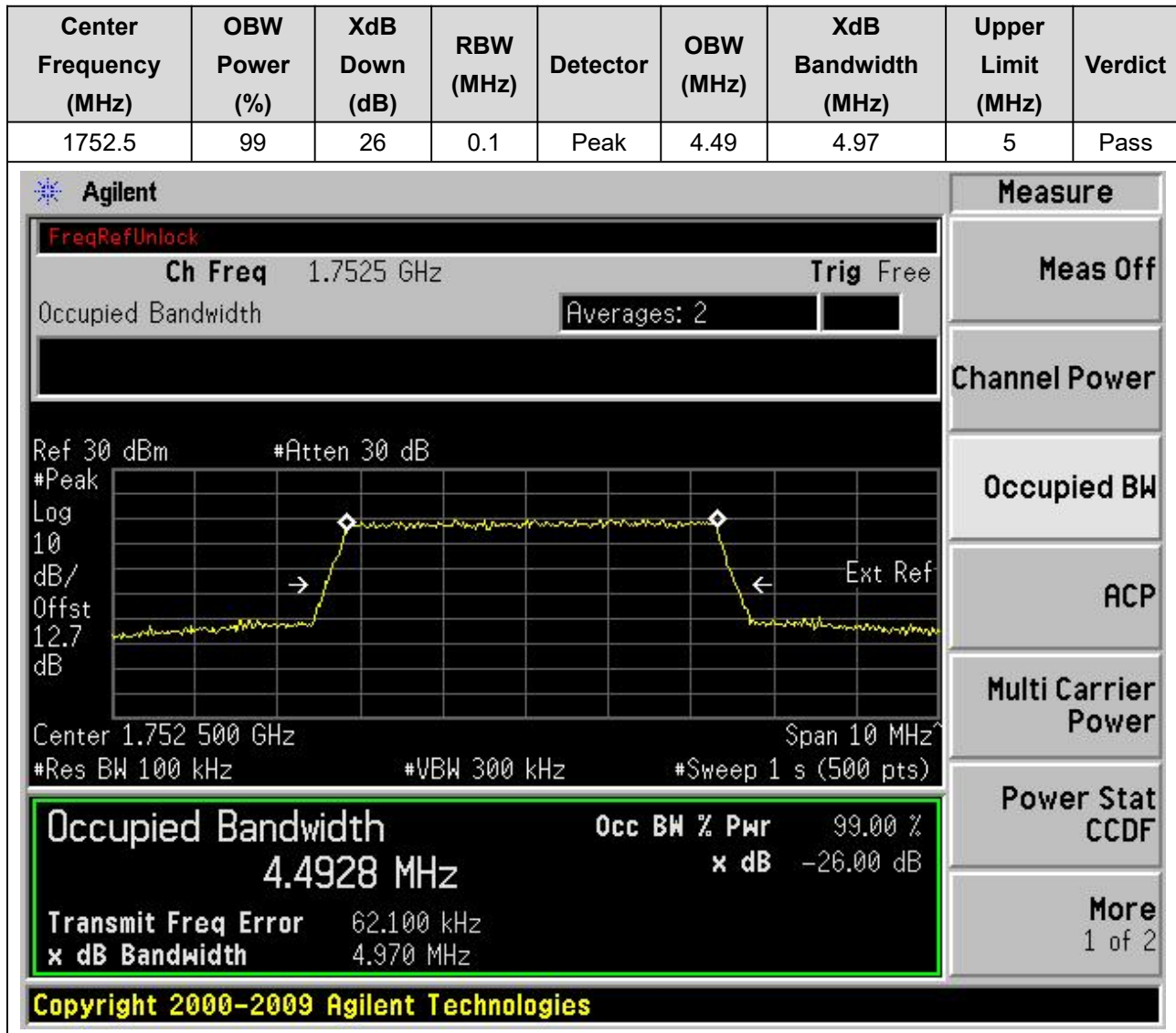
**2.33 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20375, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)**



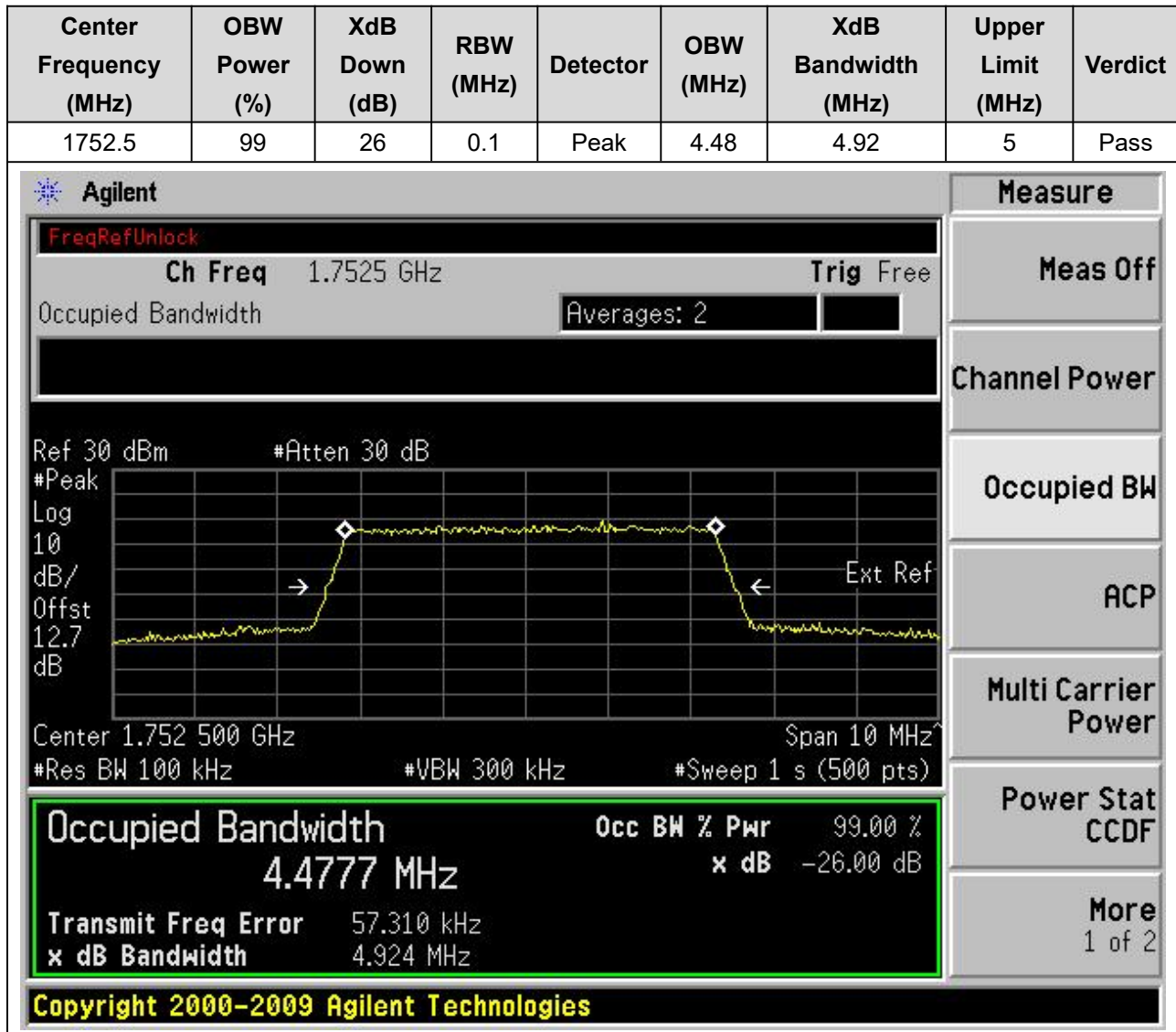
**2.34 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20375, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)**



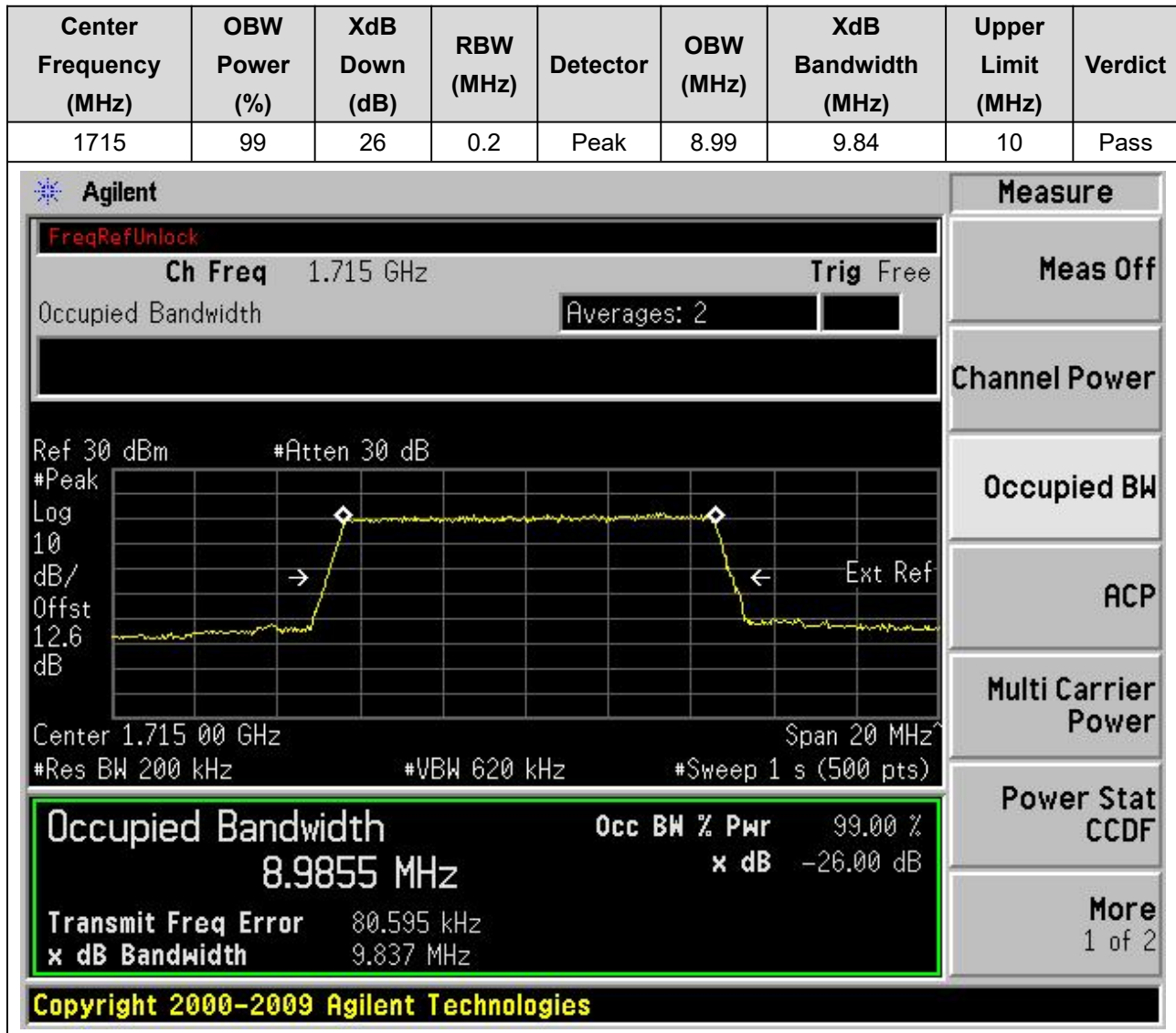
**2.35 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20375, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)**



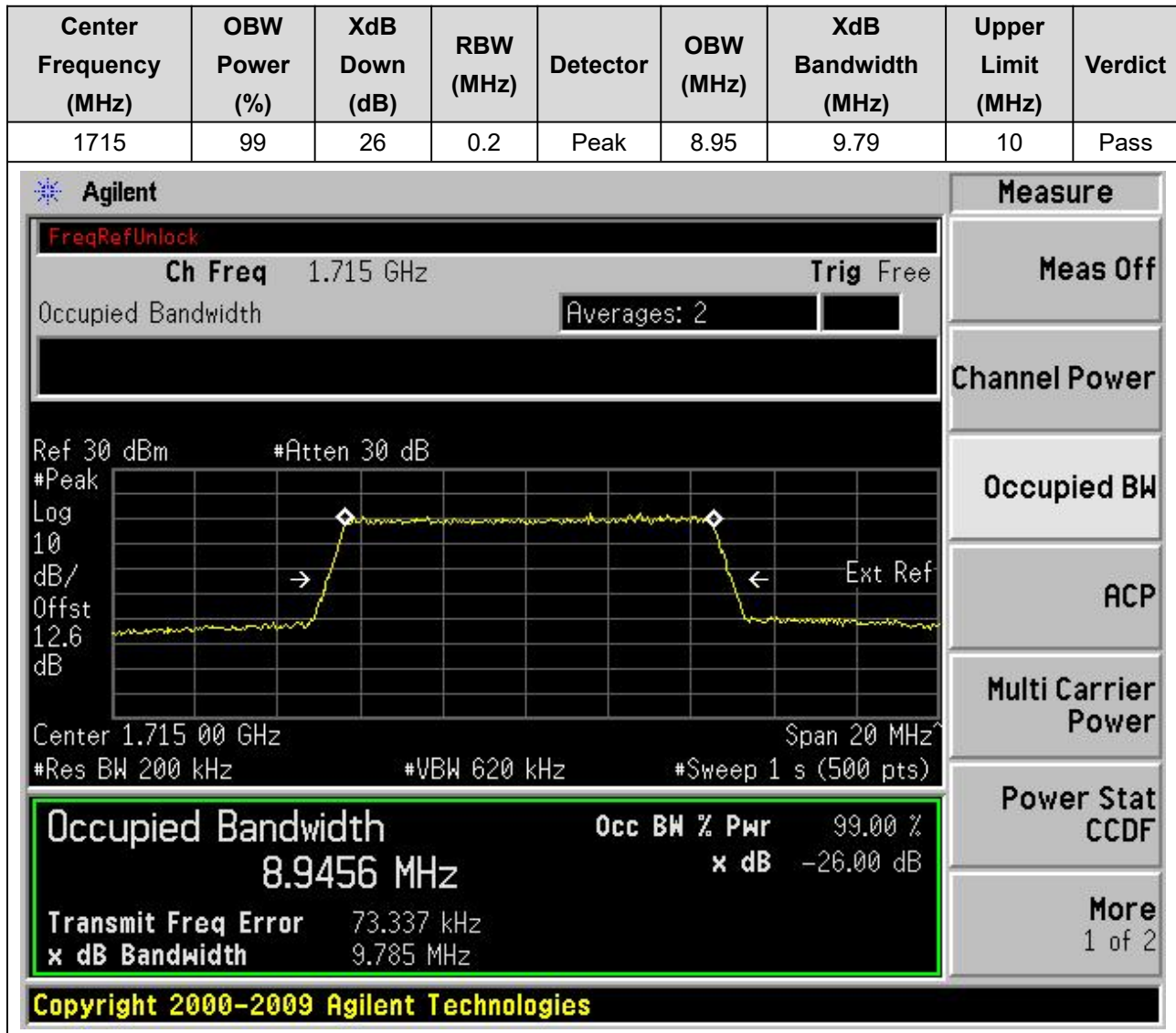
**2.36 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20375, Bandwidth:5, Modulation:256QAM, RB Number:25, RB Position:0)**



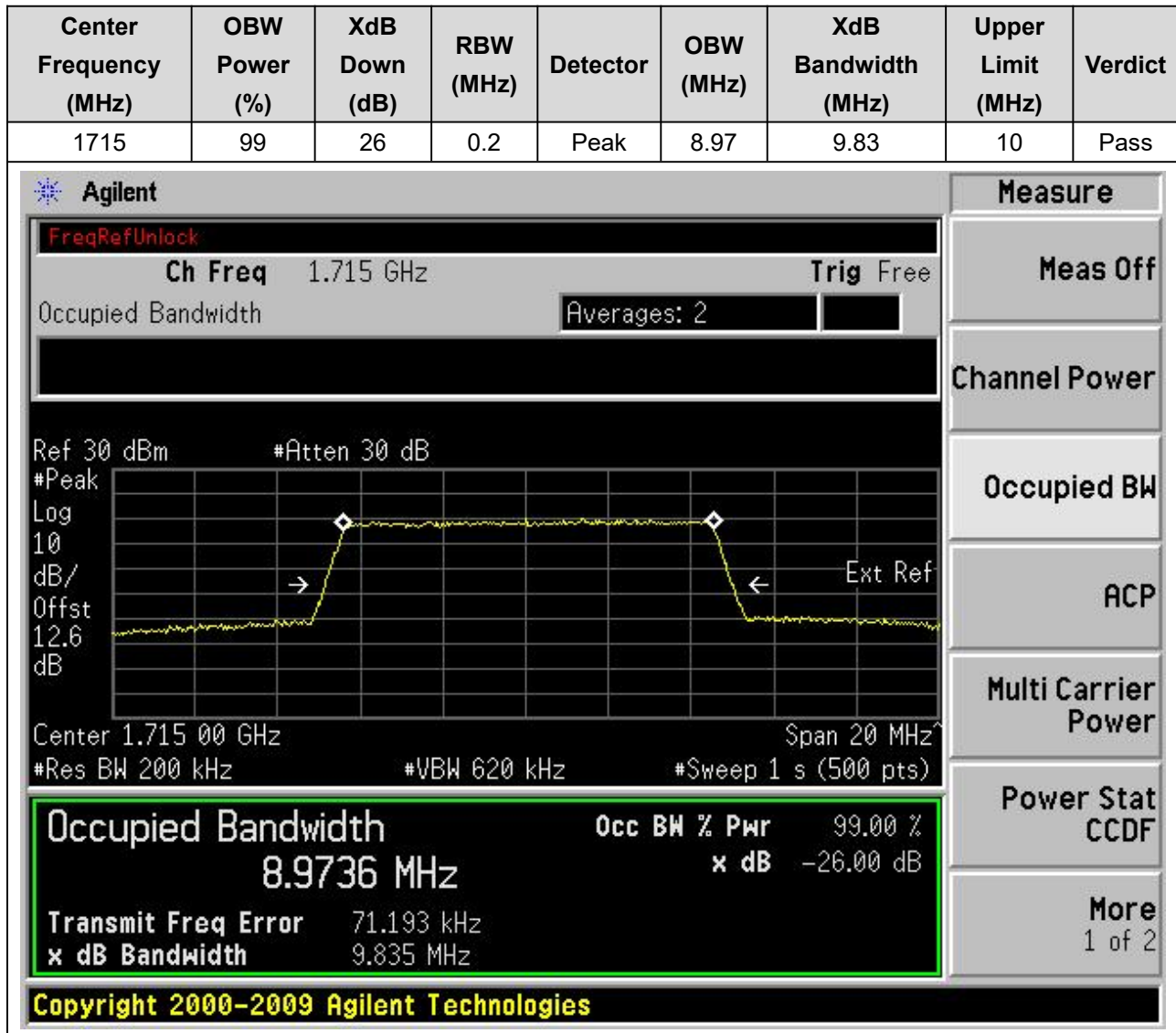
**2.37 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20000, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)**



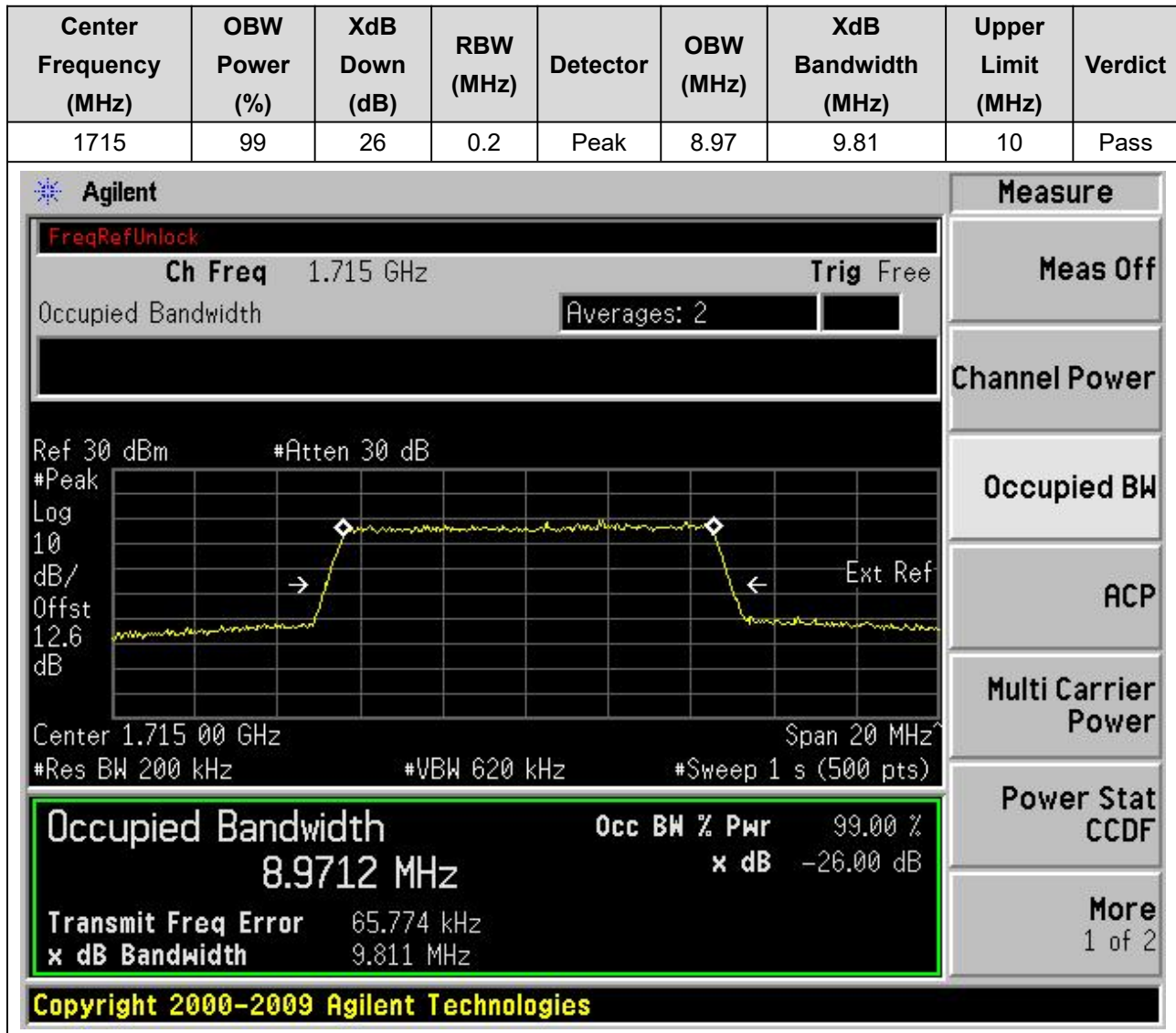
**2.38 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20000, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)**



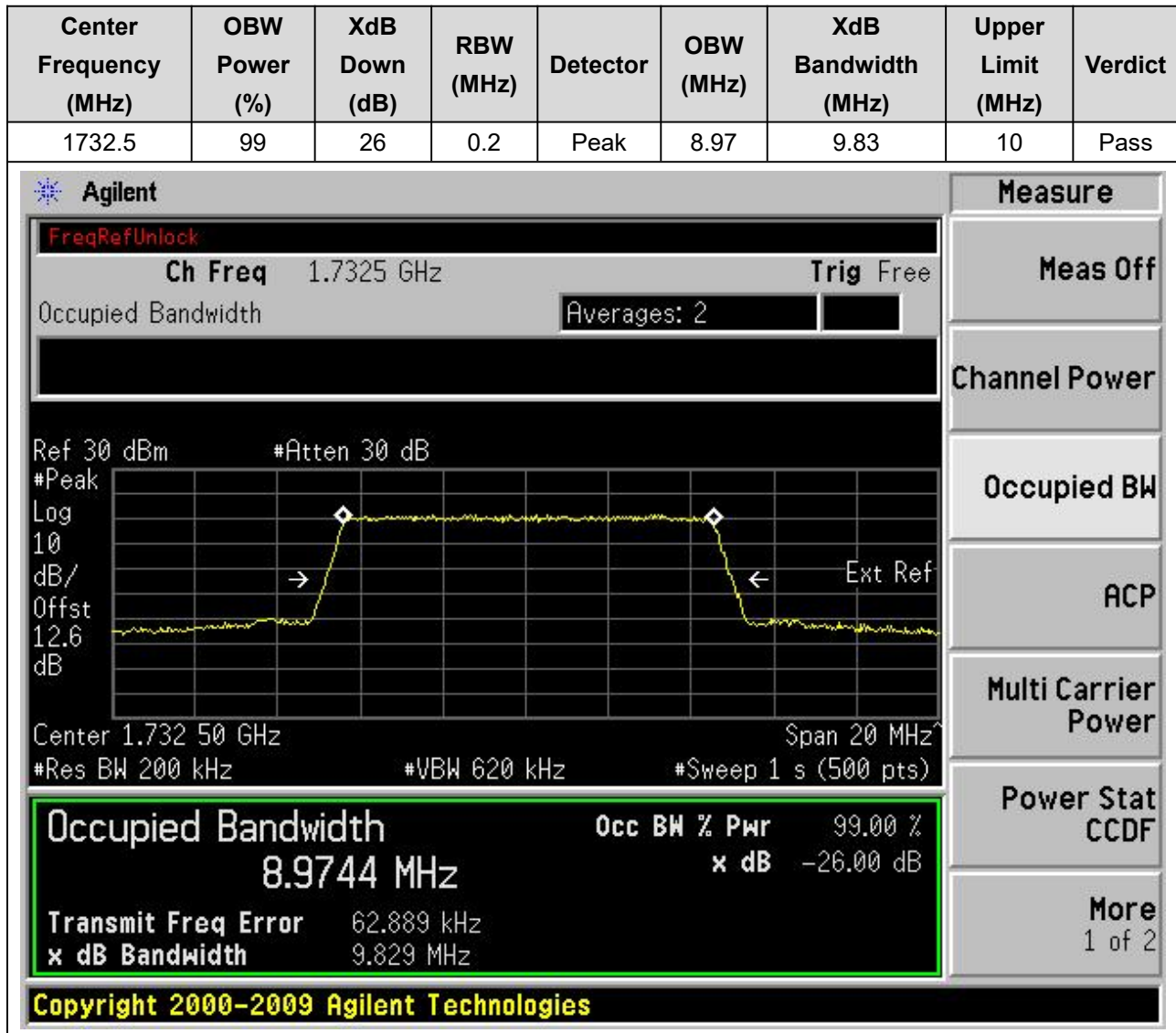
**2.39 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20000, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)**



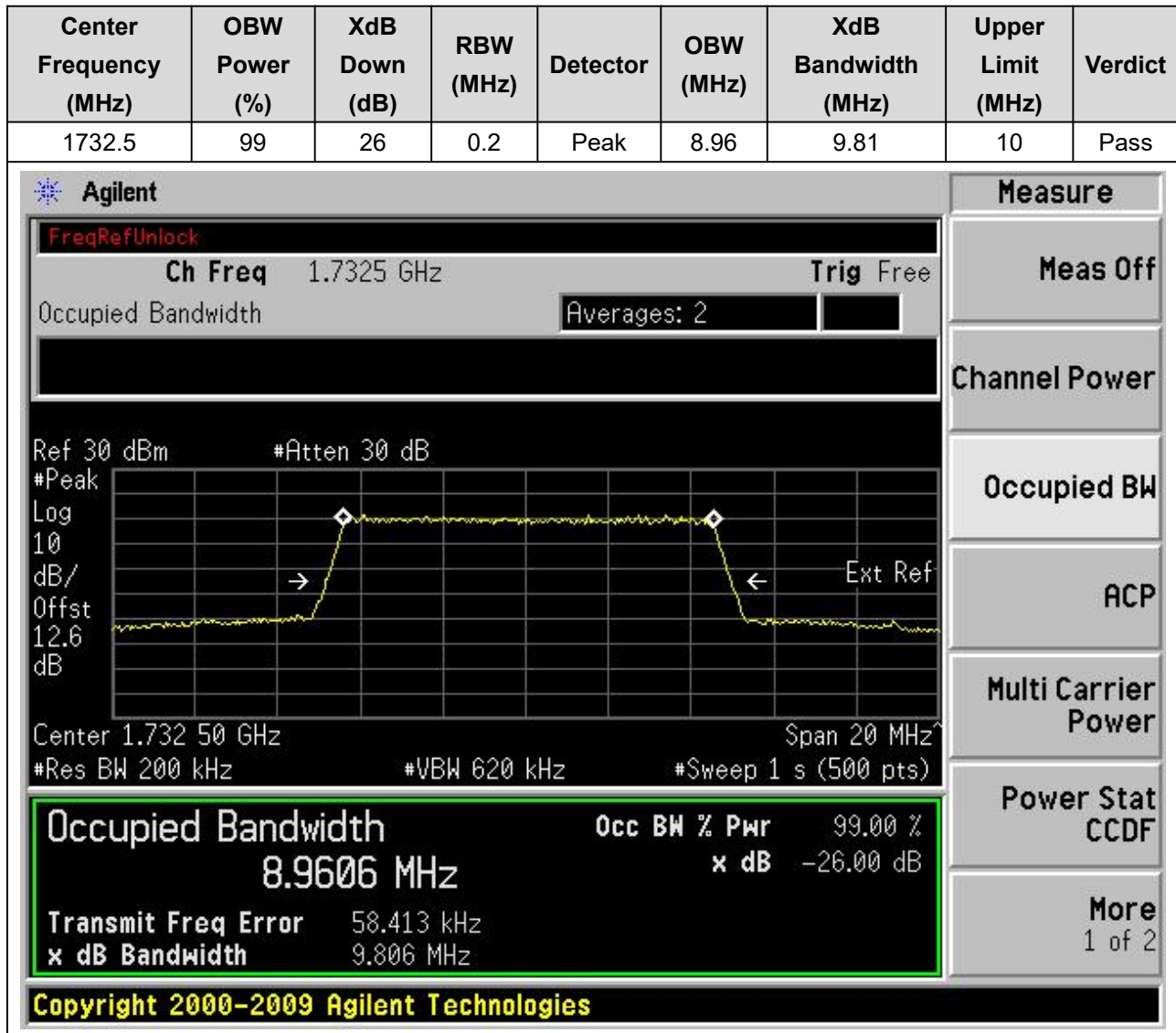
**2.40 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20000, Bandwidth:10, Modulation:256QAM, RB Number:50, RB Position:0)**



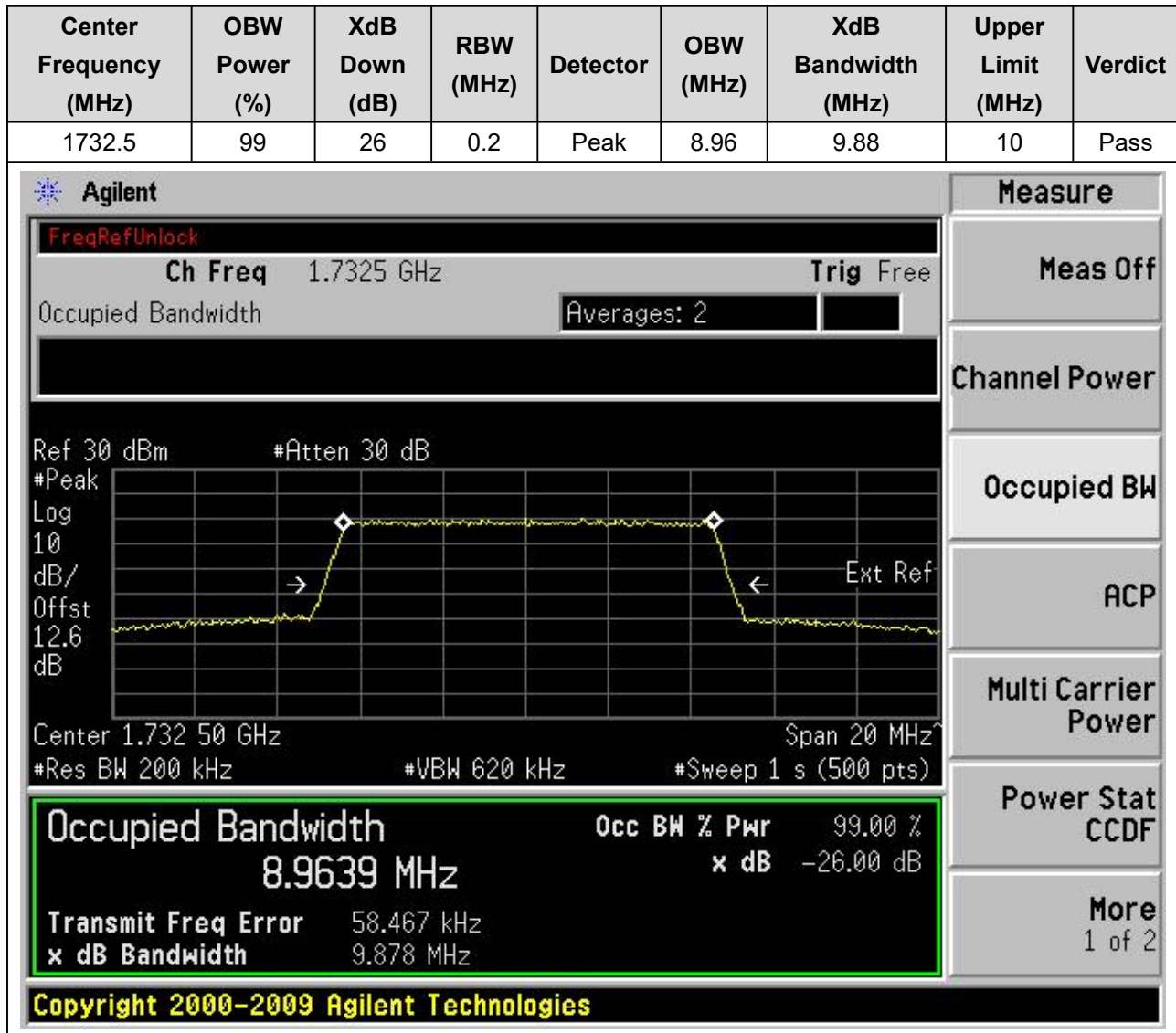
**2.41 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20175, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)**



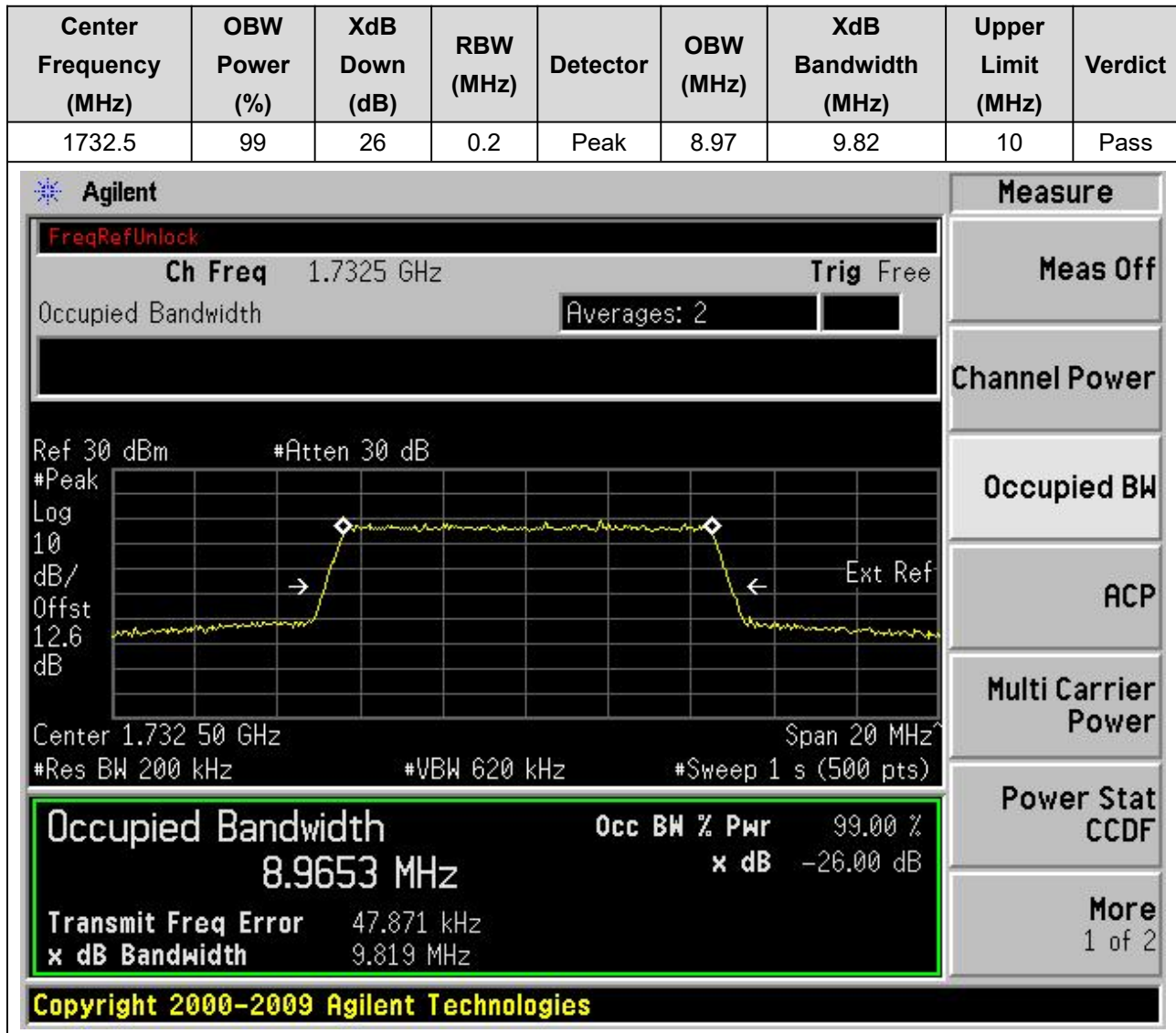
**2.42 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20175, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)**



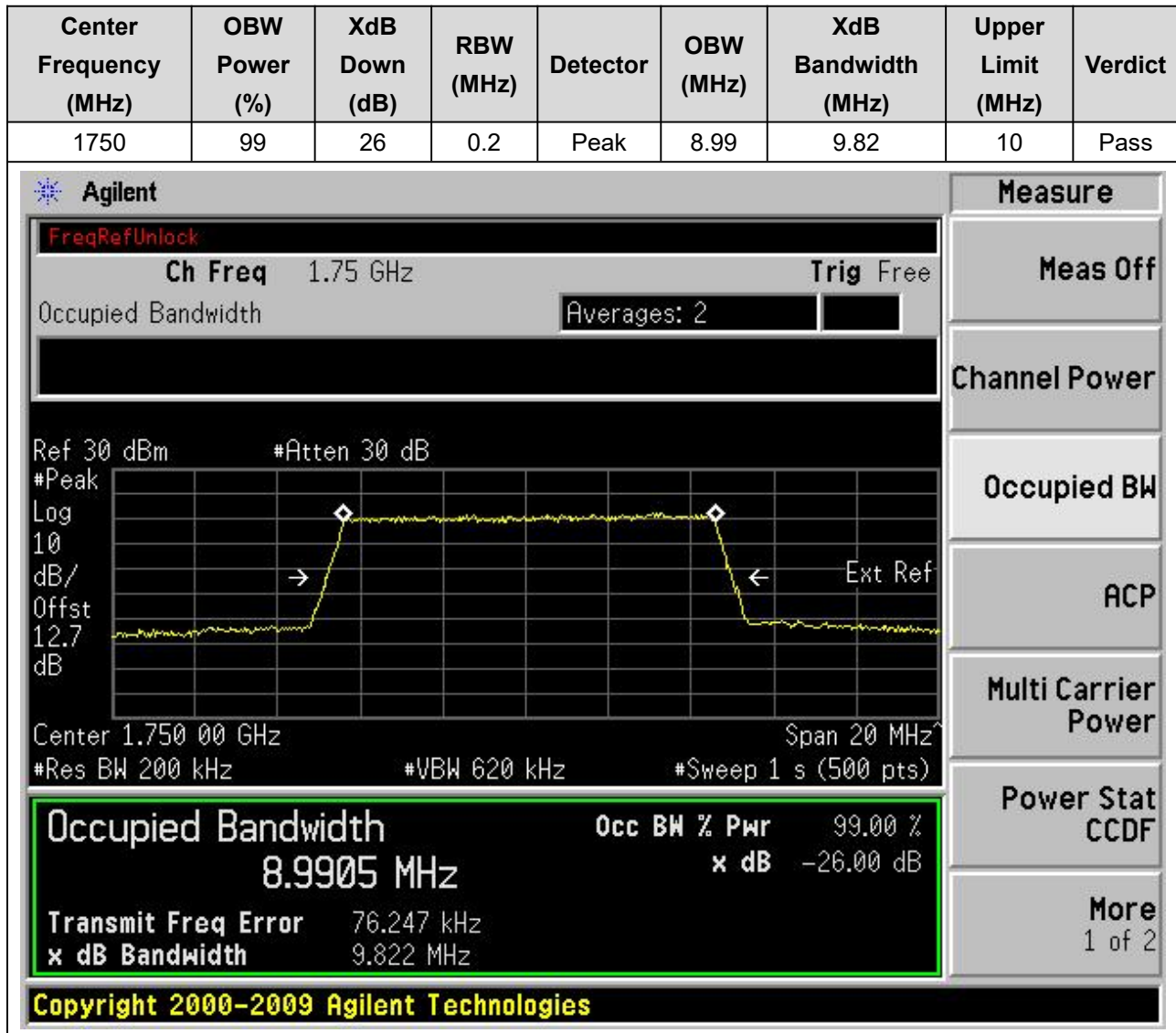
**2.43 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20175, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)**



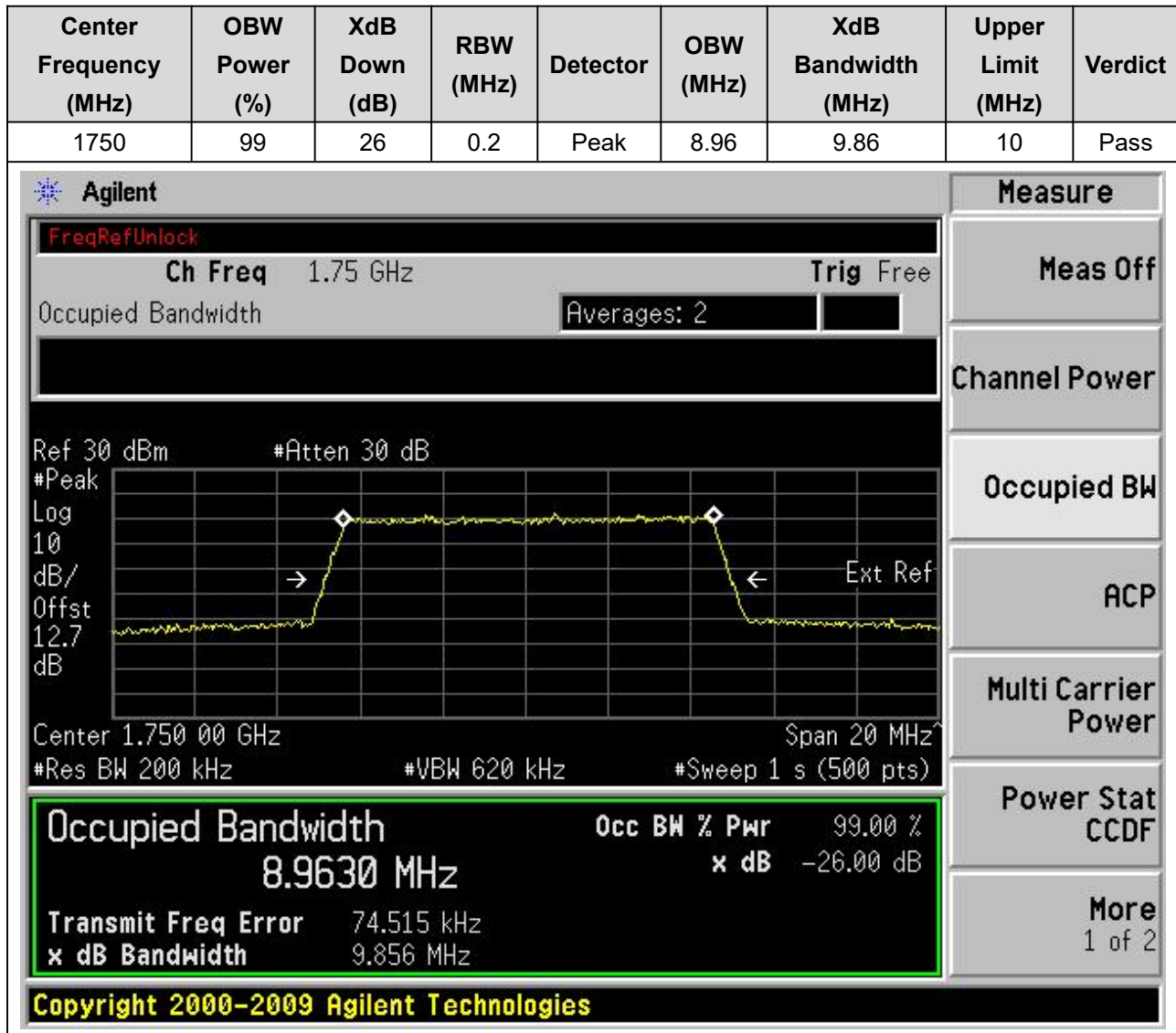
## 2.44 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20175, Bandwidth:10, Modulation:256QAM, RB Number:50, RB Position:0)



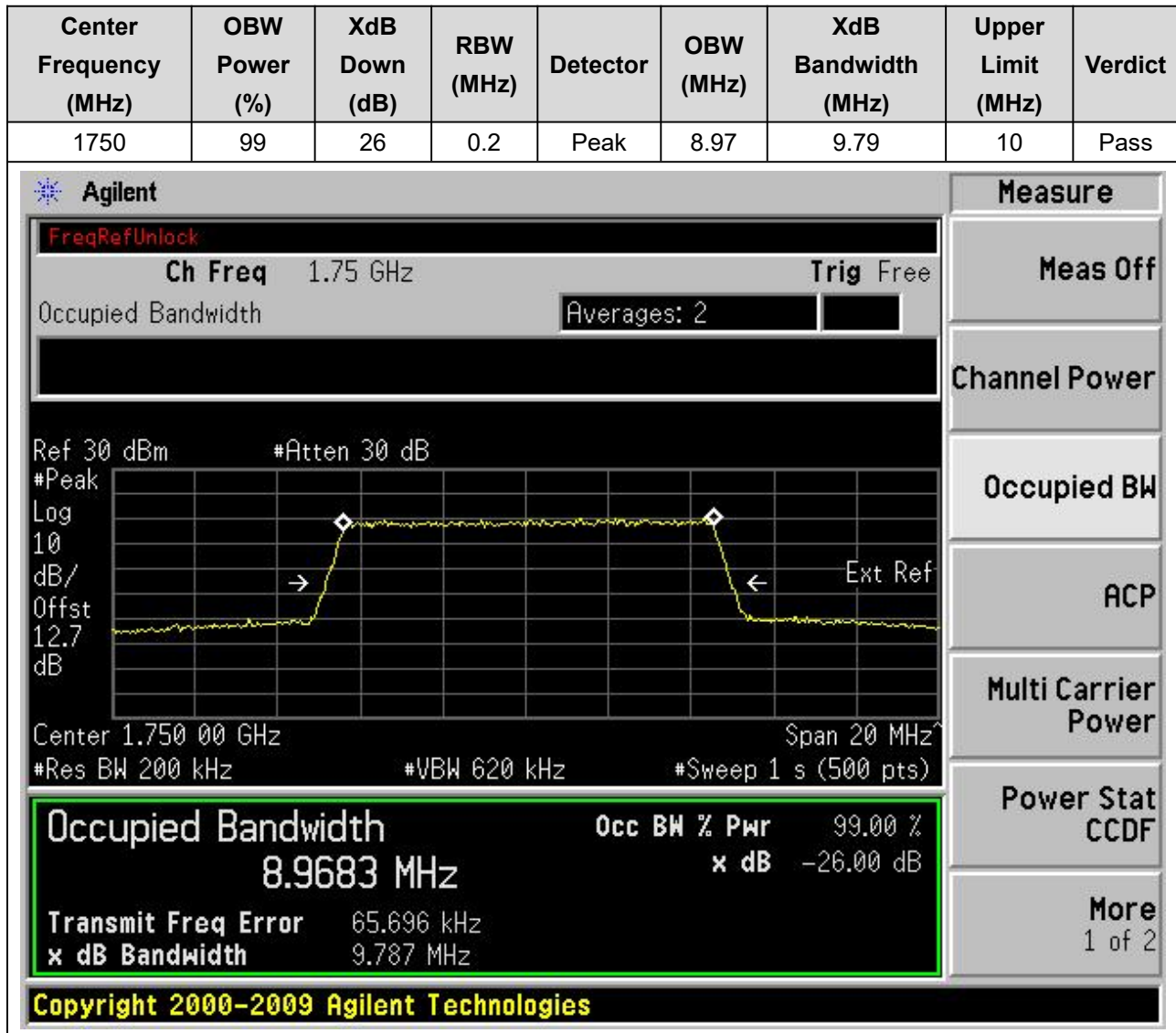
**2.45 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20350, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)**



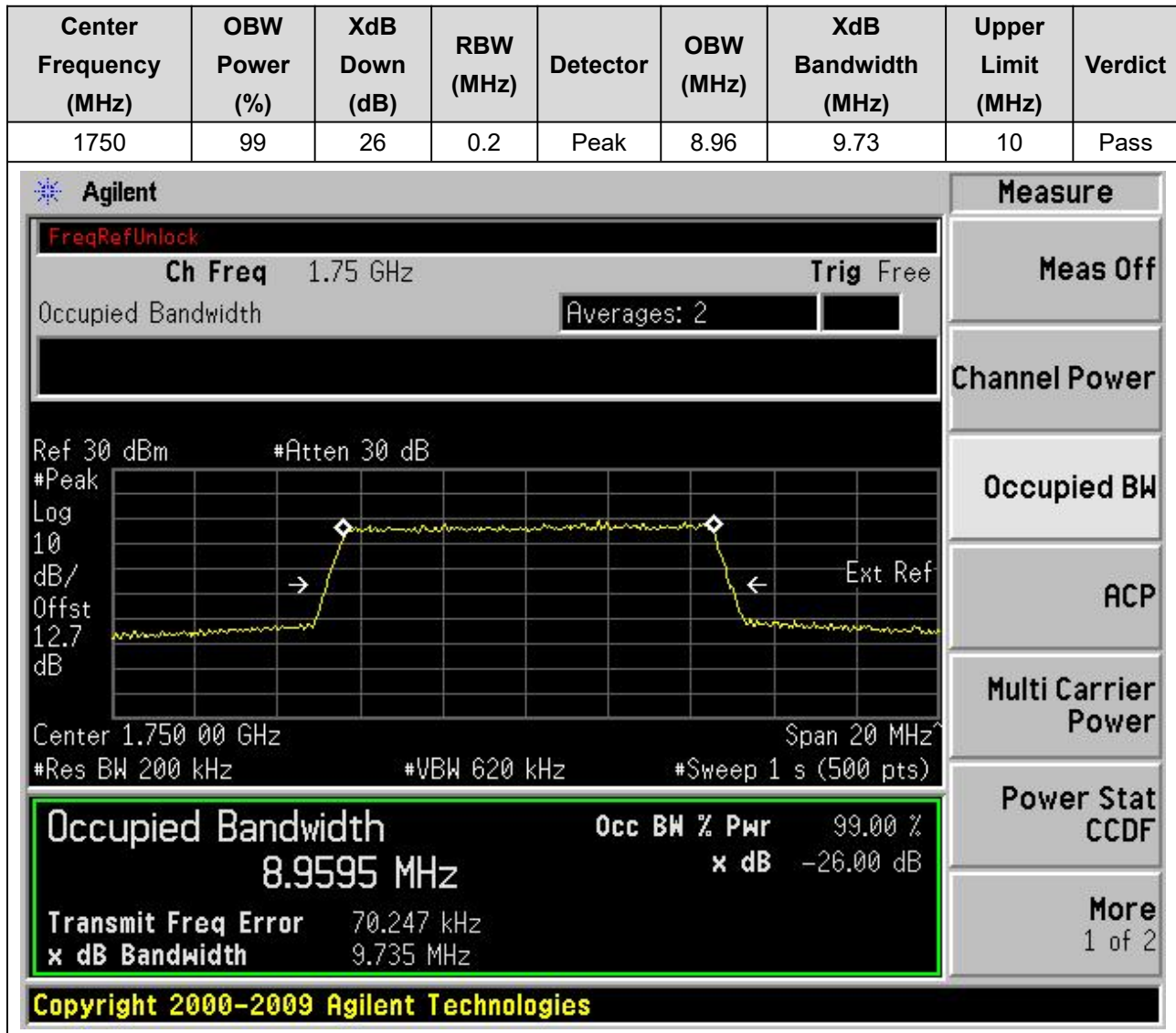
**2.46 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20350, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)**



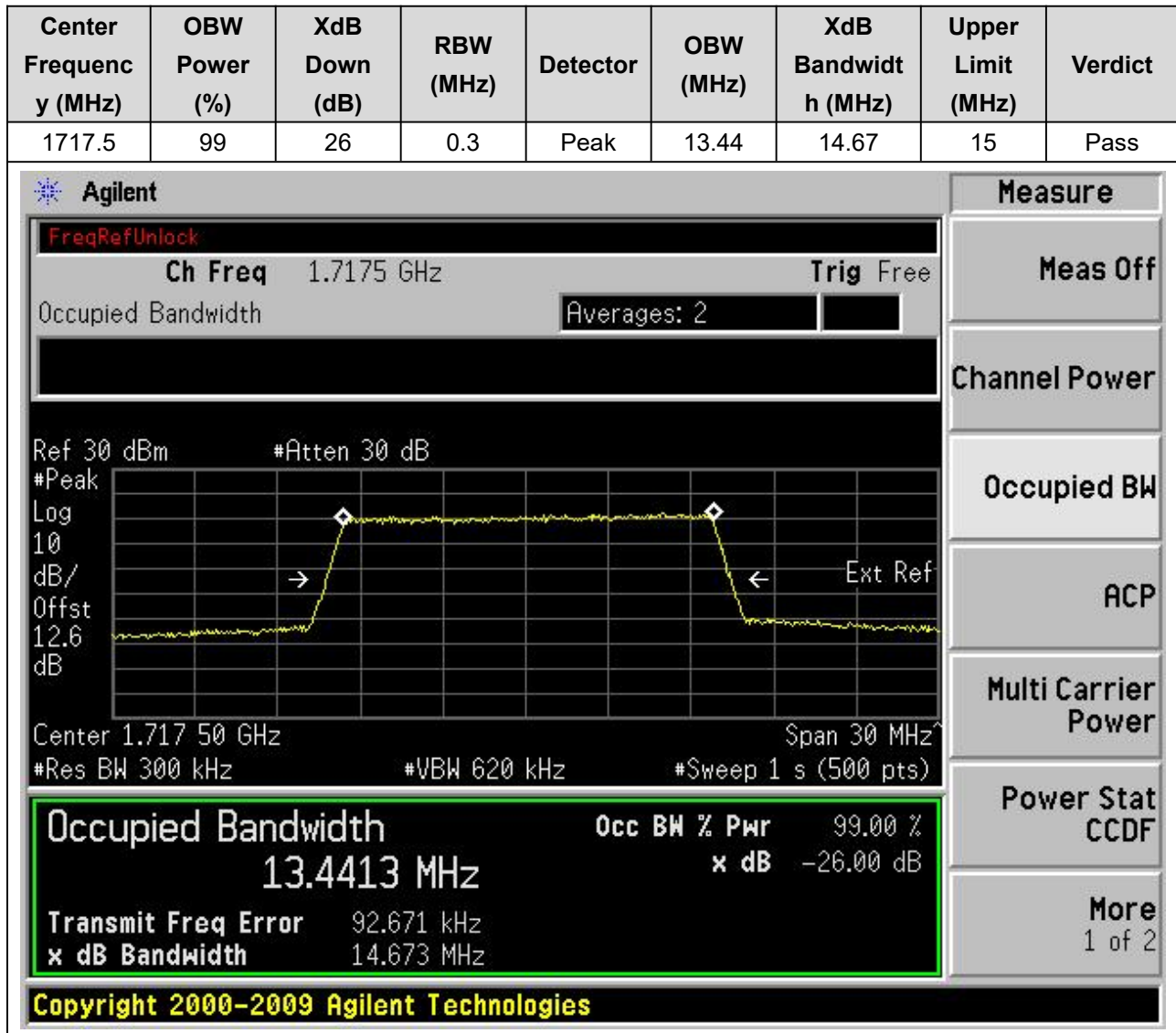
**2.47 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20350, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)**



**2.48 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20350, Bandwidth:10, Modulation:256QAM, RB Number:50, RB Position:0)**

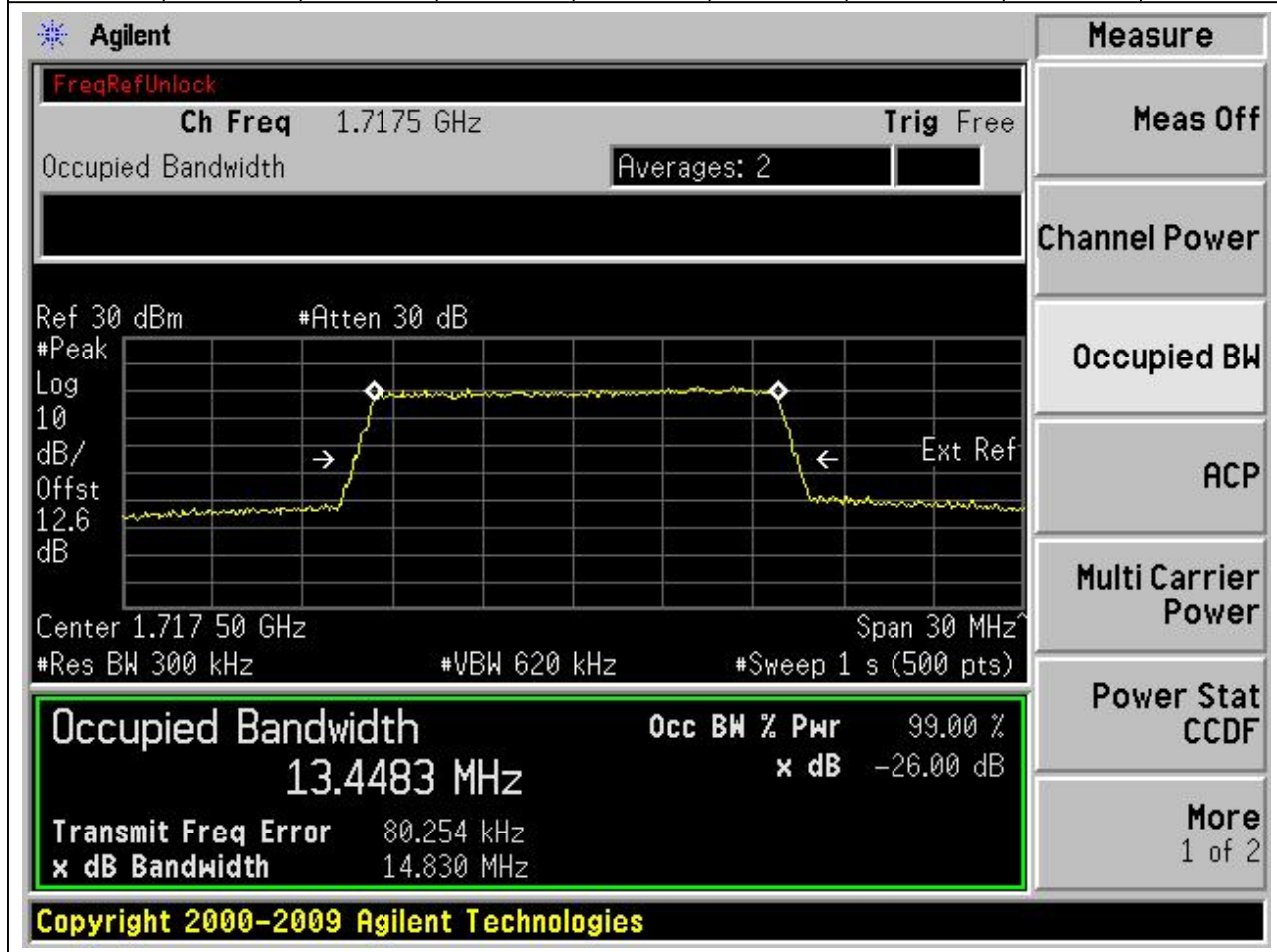


**2.49 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20025, Bandwidth:15, Modulation:QPSK, RB Number:75, RB Position:0)**

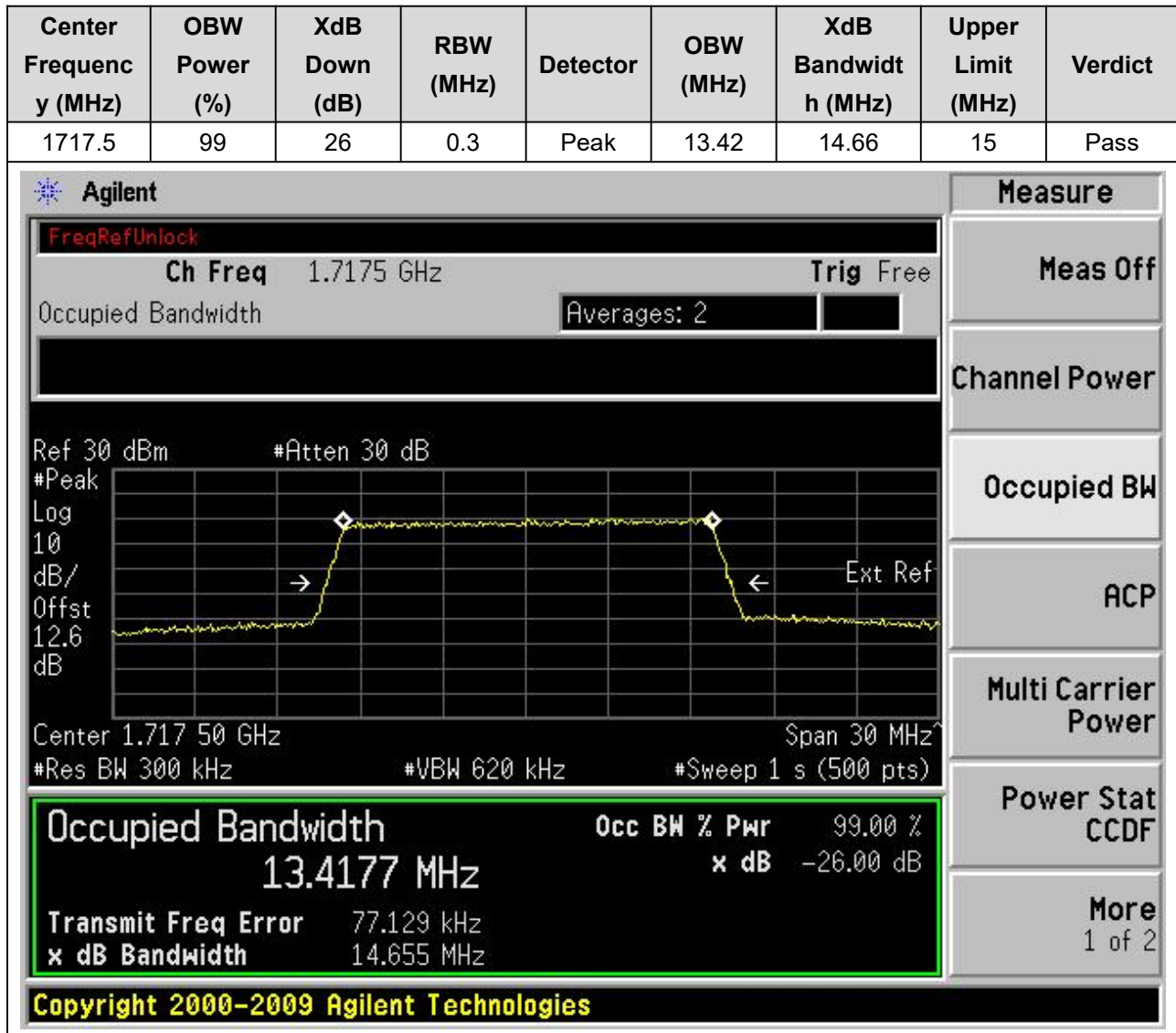


**2.50 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20025, Bandwidth:15, Modulation:16QAM, RB Number:75, RB Position:0)**

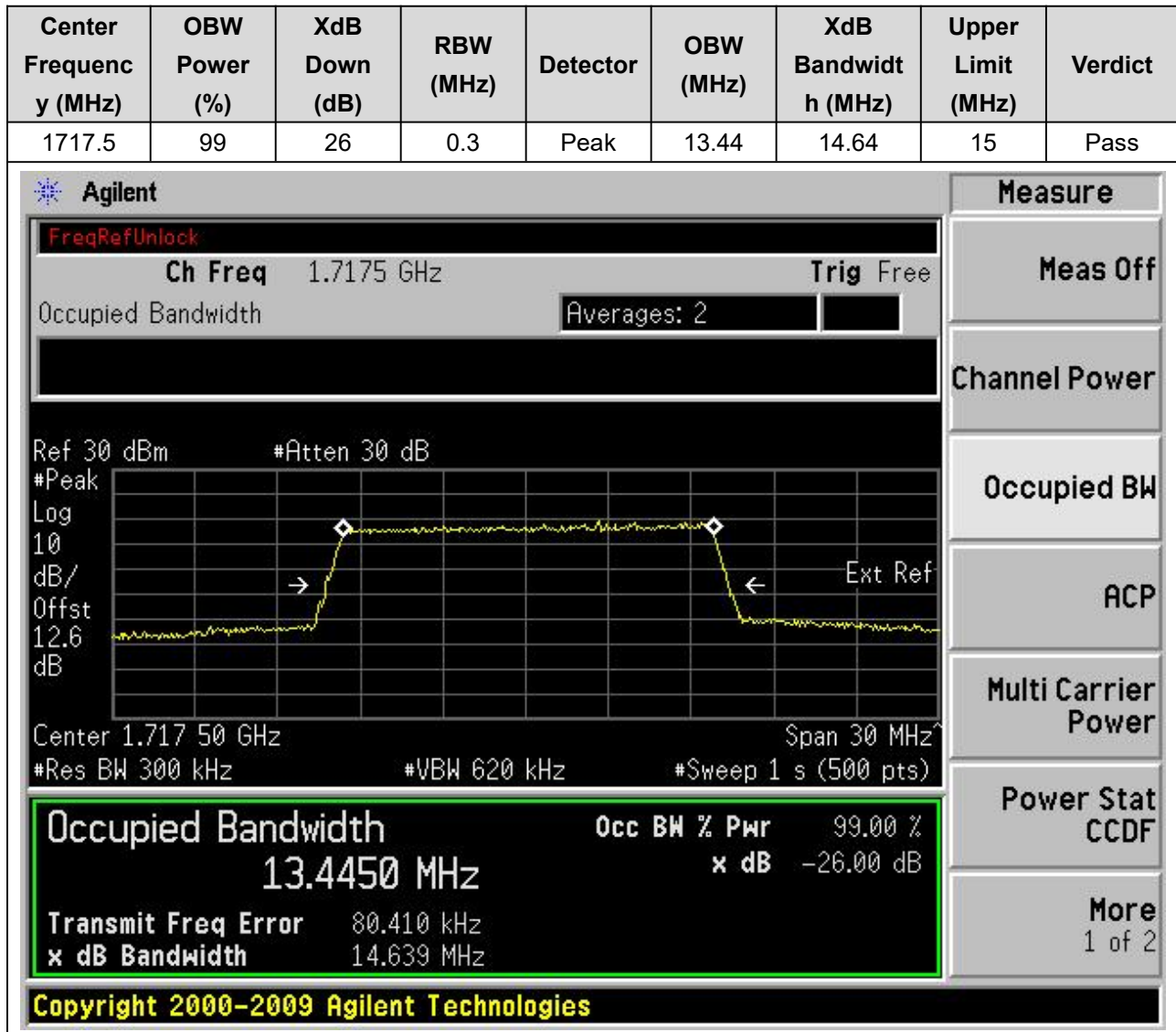
| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1717.5                 | 99            | 26            | 0.3       | Peak     | 13.45     | 14.83               | 15                | Pass    |



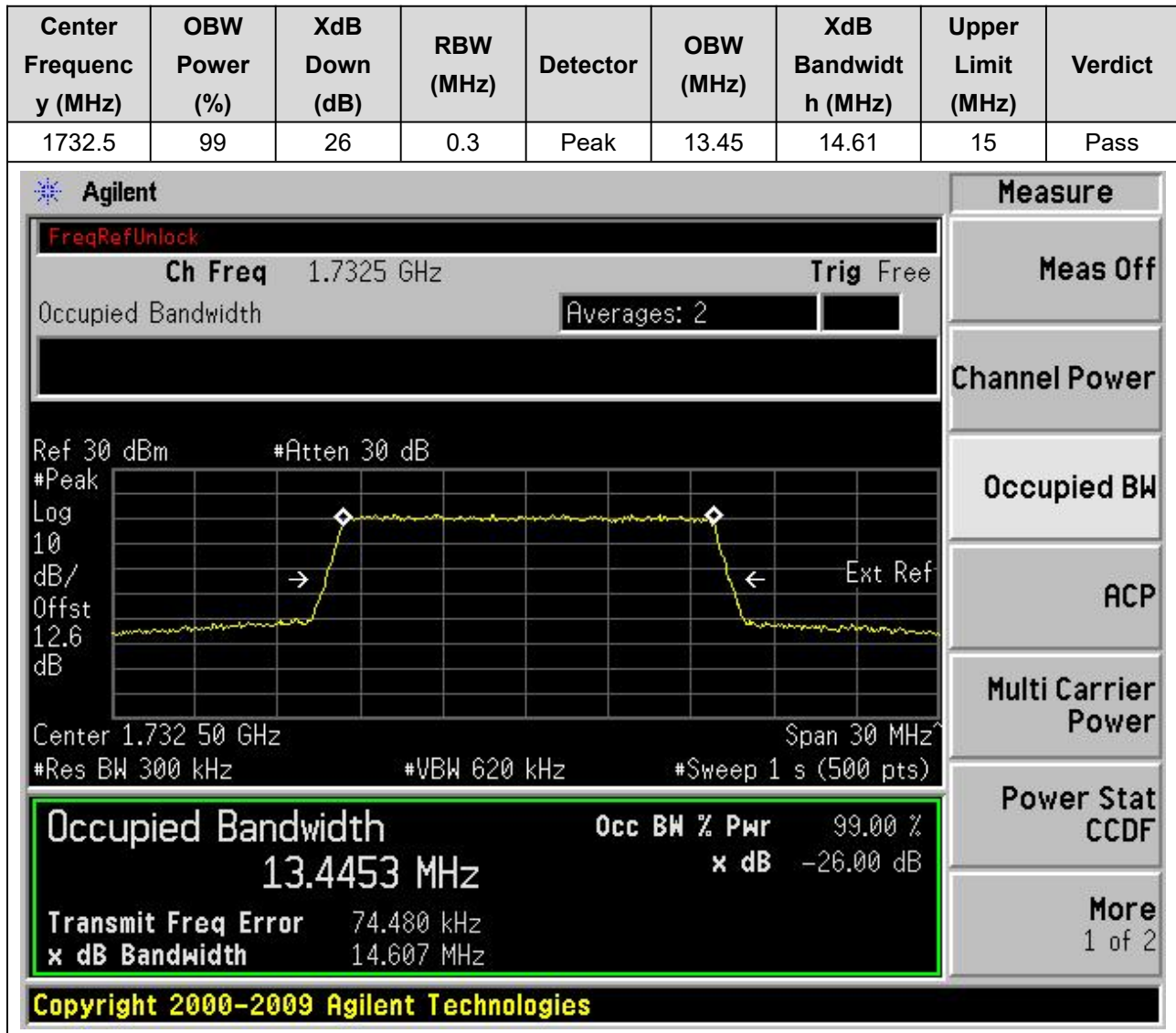
**2.51 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20025, Bandwidth:15, Modulation:64QAM, RB Number:75, RB Position:0)**



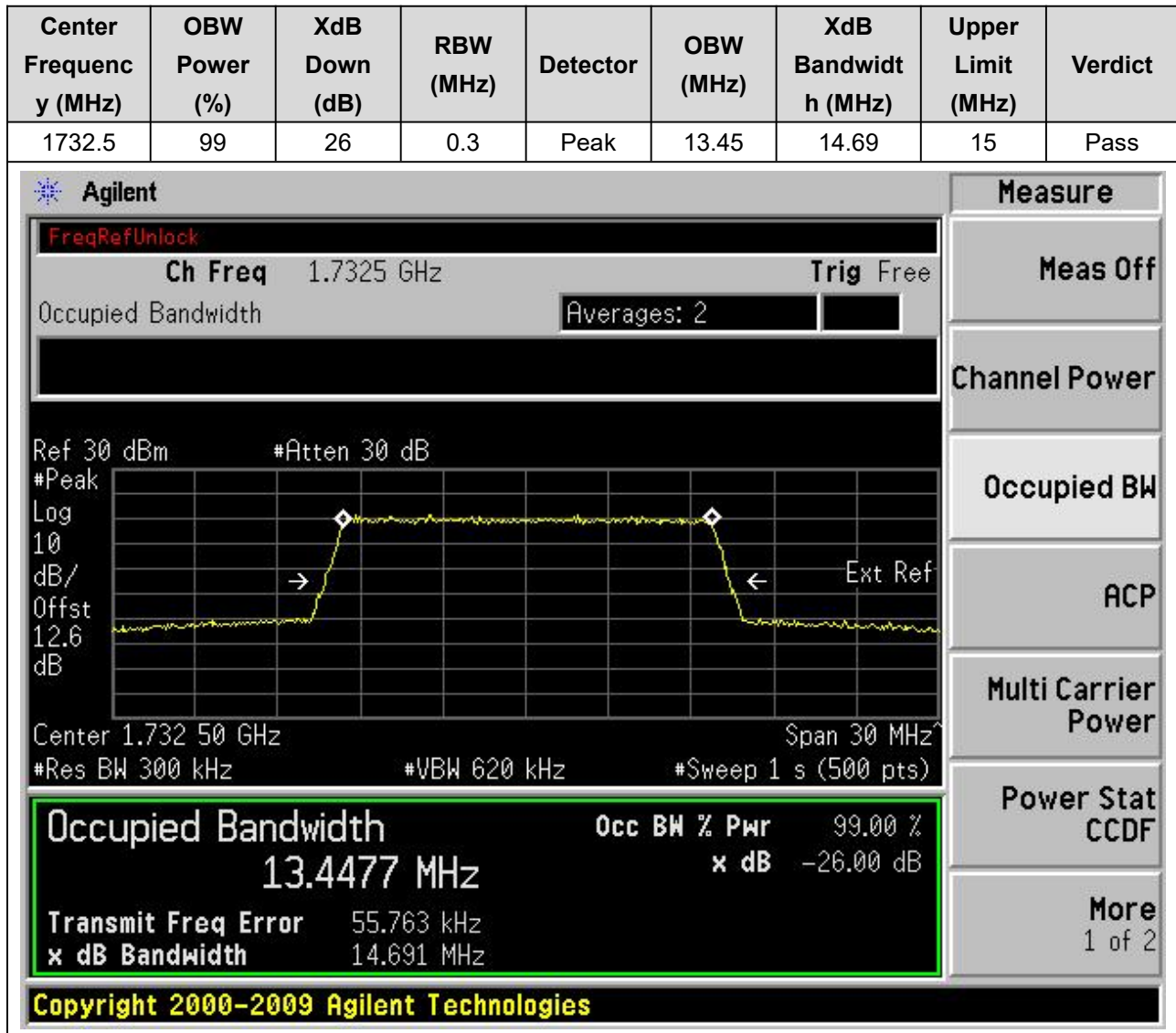
**2.52 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20025, Bandwidth:15, Modulation:256QAM, RB Number:75, RB Position:0)**



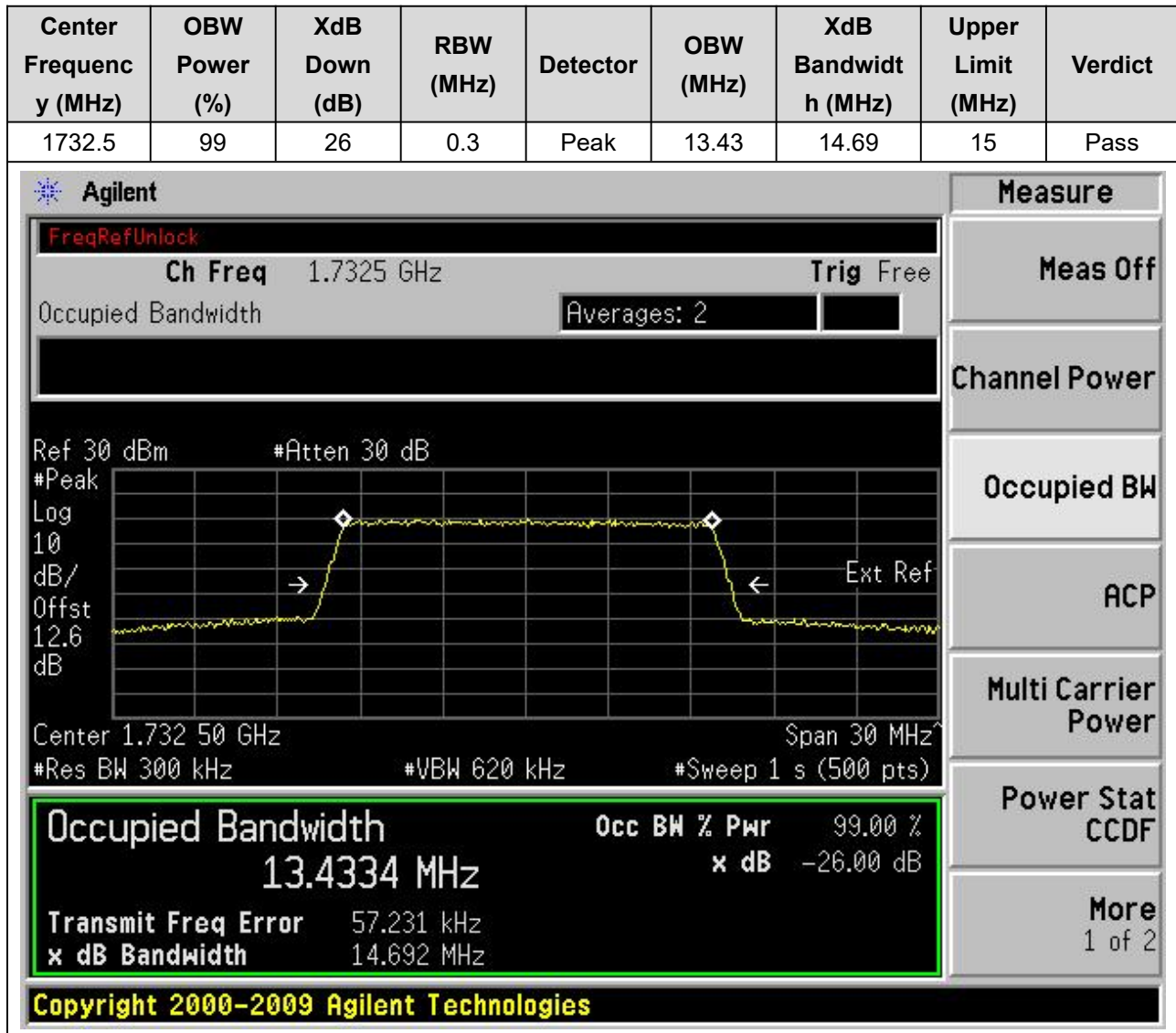
**2.53 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20175, Bandwidth:15, Modulation:QPSK, RB Number:75, RB Position:0)**



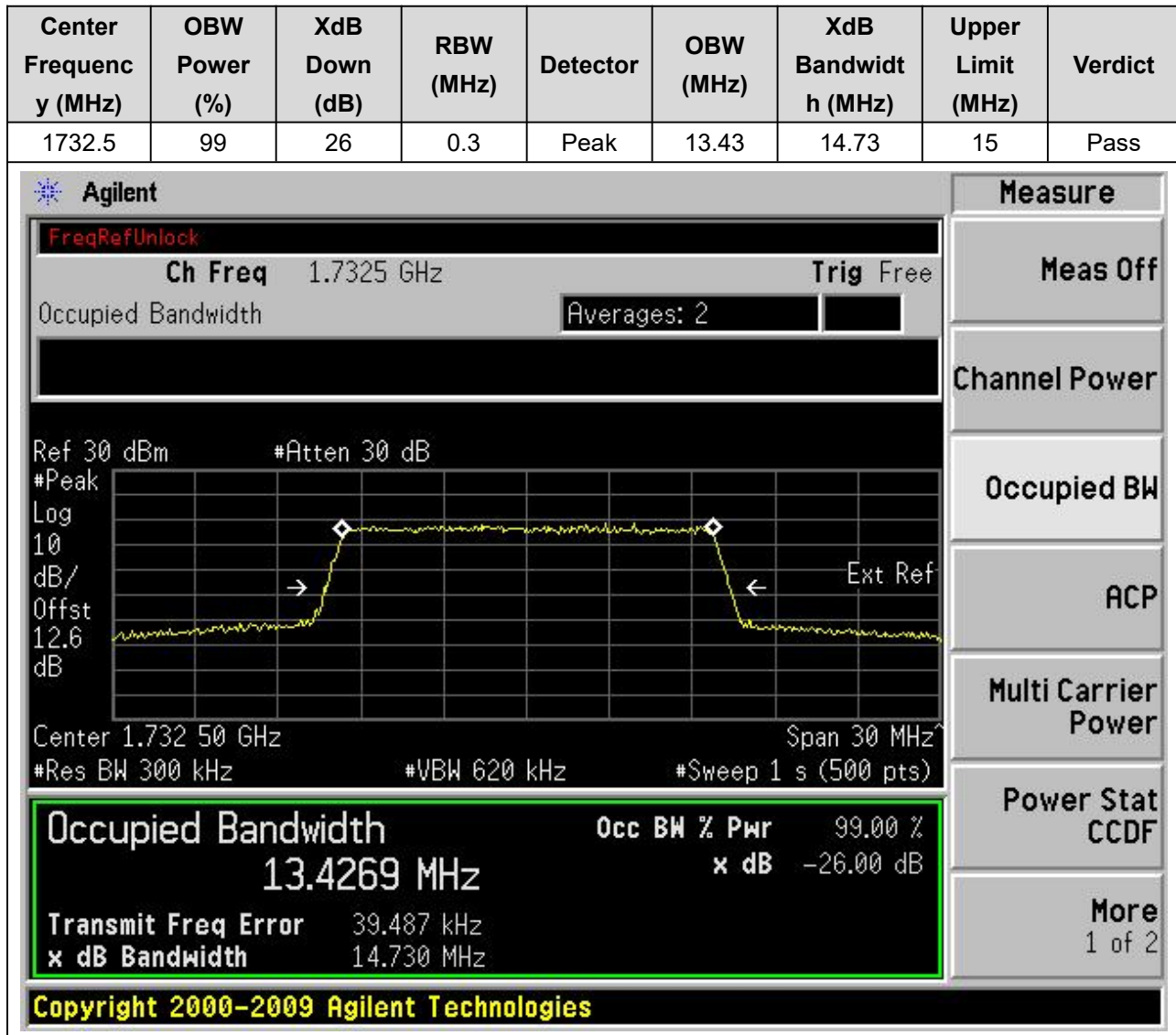
**2.54 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20175, Bandwidth:15, Modulation:16QAM, RB Number:75, RB Position:0)**



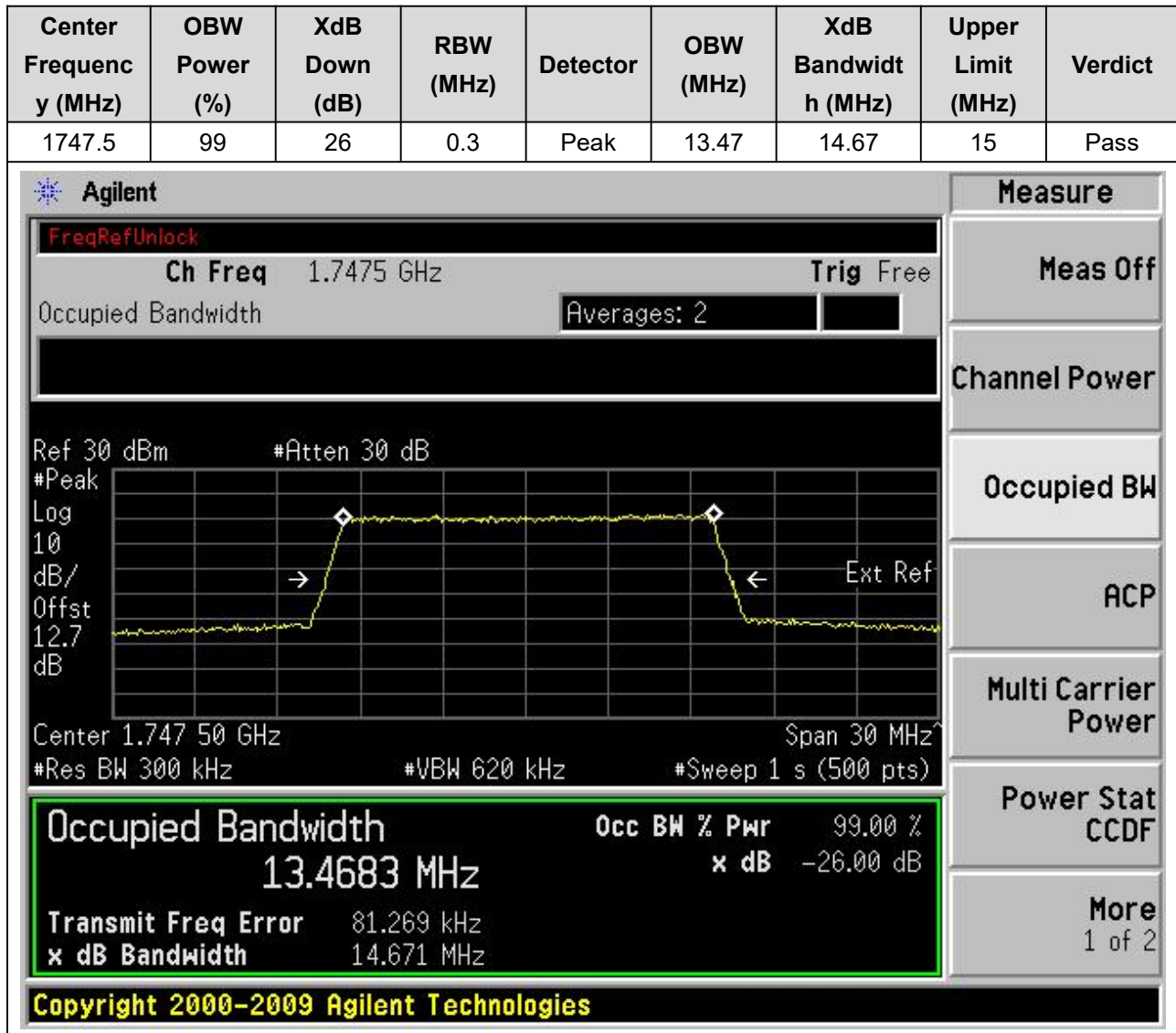
**2.55 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20175, Bandwidth:15, Modulation:64QAM, RB Number:75, RB Position:0)**



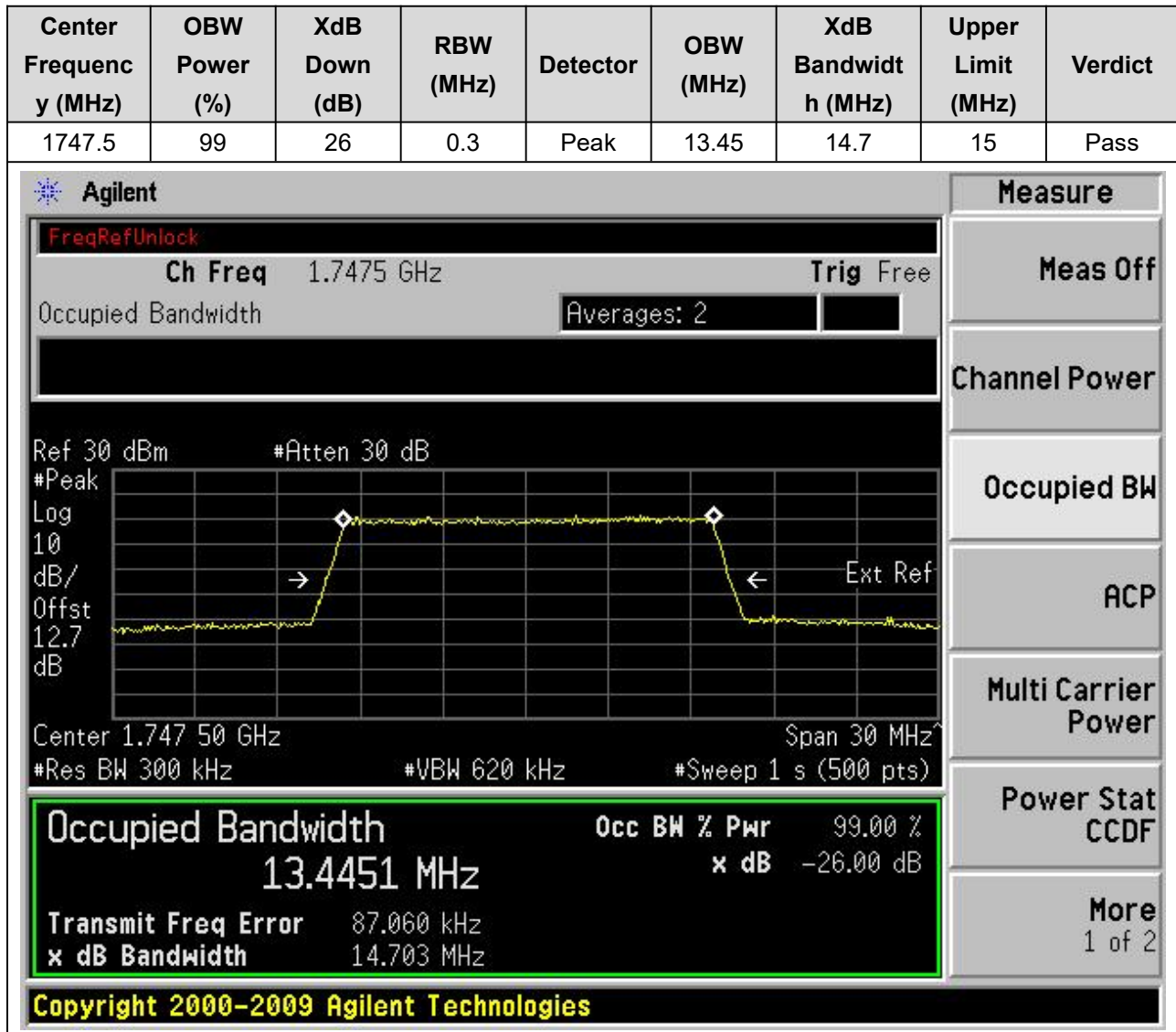
**2.56 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20175, Bandwidth:15, Modulation:256QAM, RB Number:75, RB Position:0)**



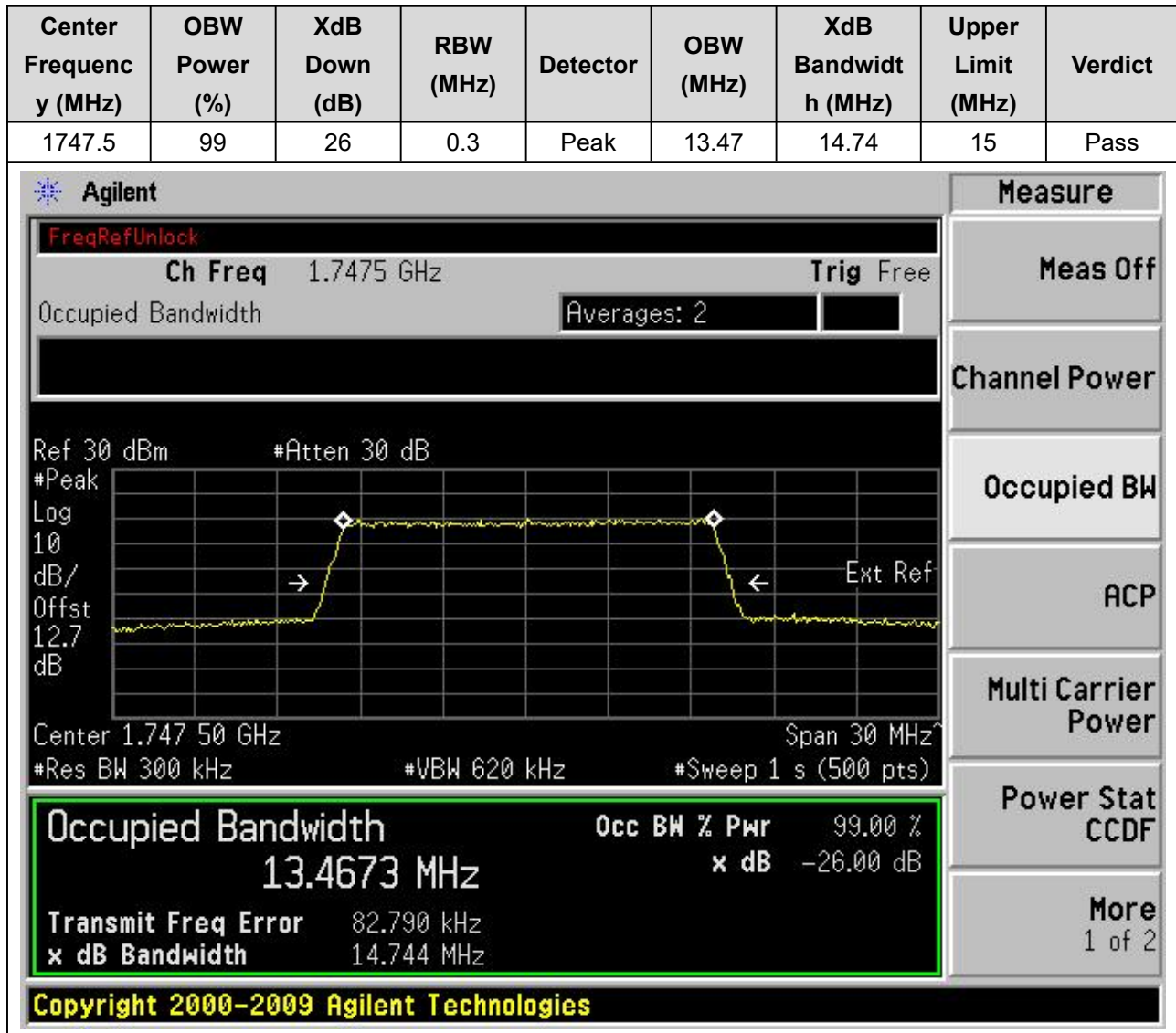
**2.57 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20325, Bandwidth:15, Modulation:QPSK, RB Number:75, RB Position:0)**



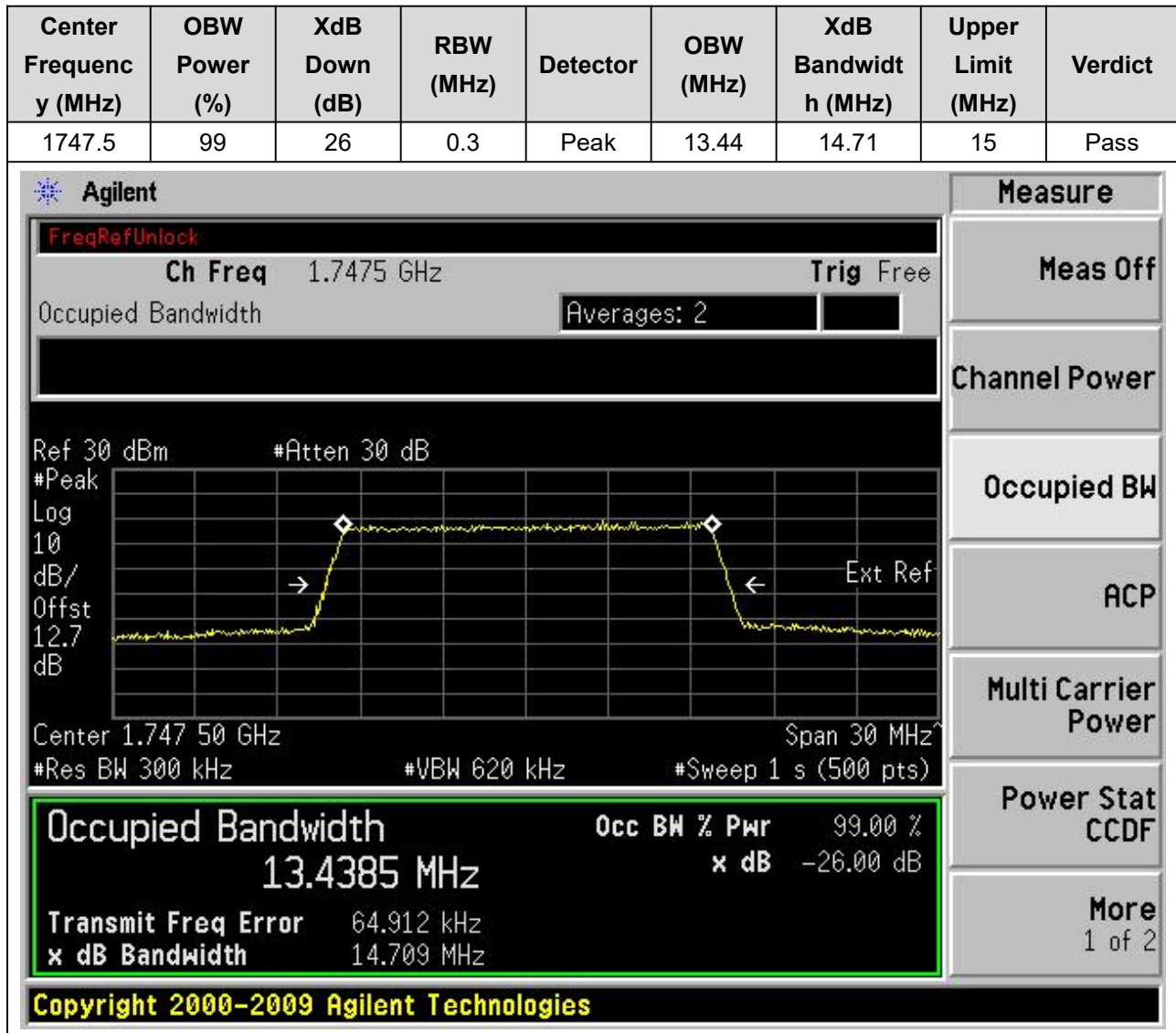
**2.58 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20325, Bandwidth:15, Modulation:16QAM, RB Number:75, RB Position:0)**



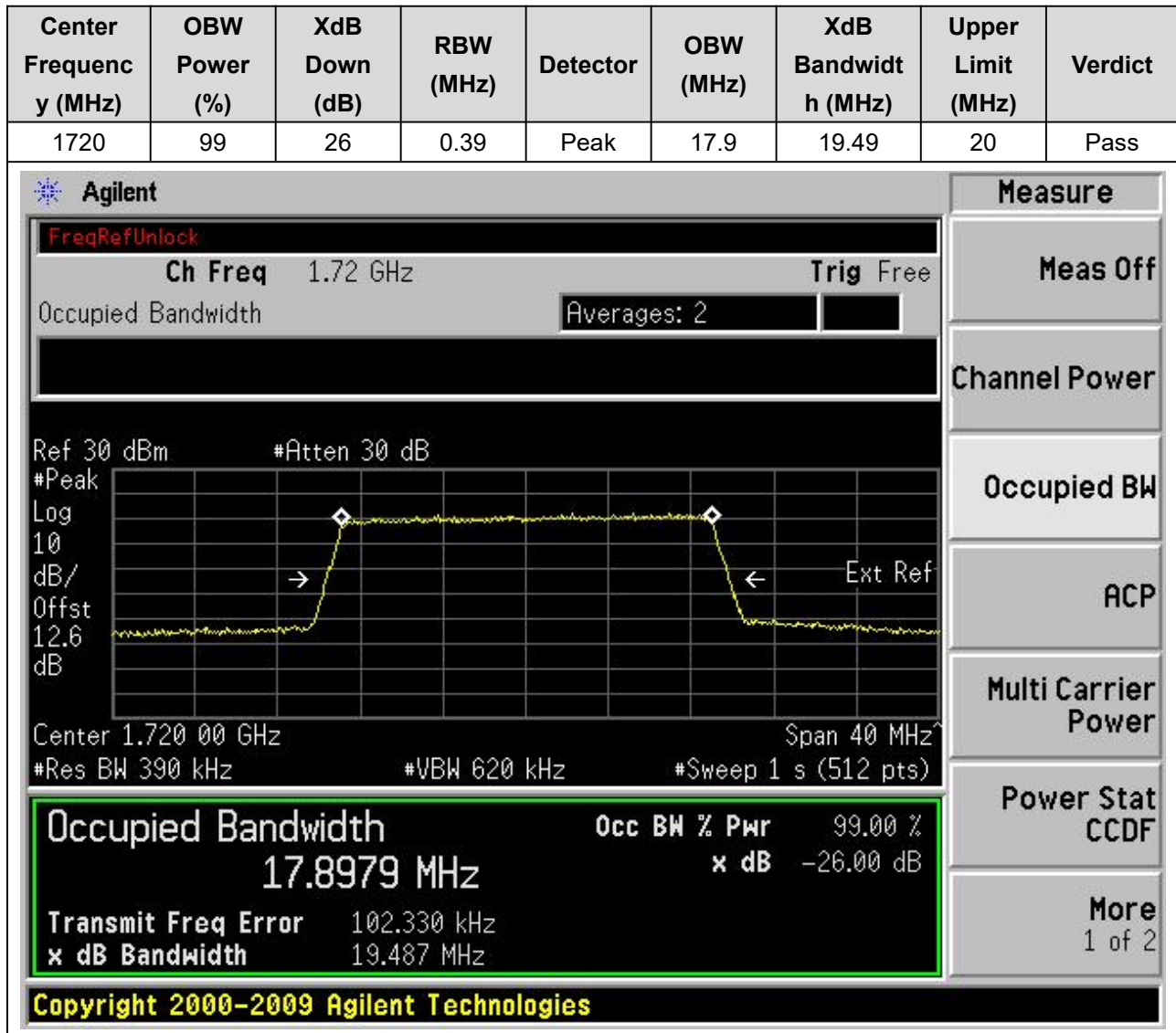
**2.59 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20325, Bandwidth:15, Modulation:64QAM, RB Number:75, RB Position:0)**



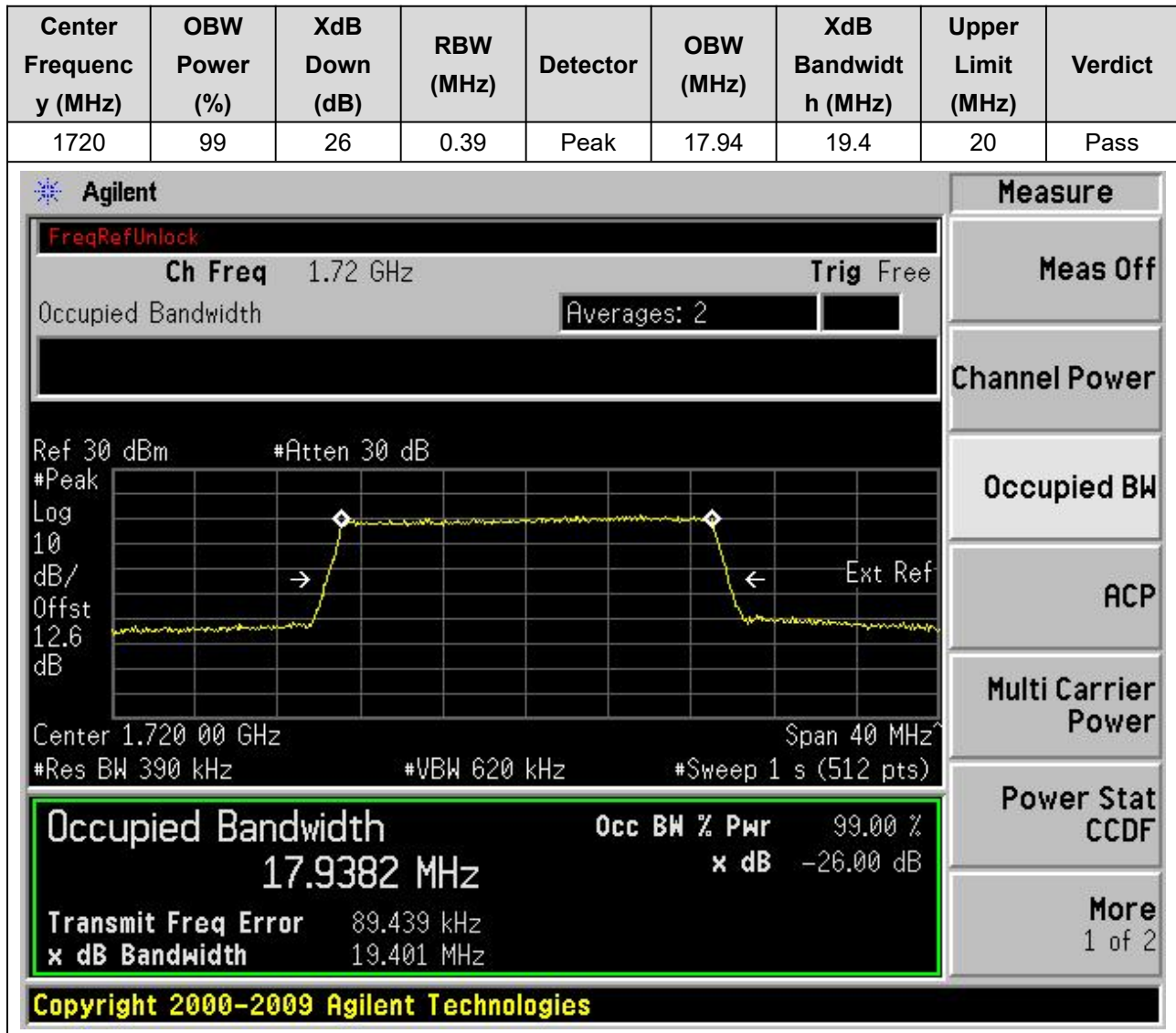
**2.60 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20325, Bandwidth:15, Modulation:256QAM, RB Number:75, RB Position:0)**



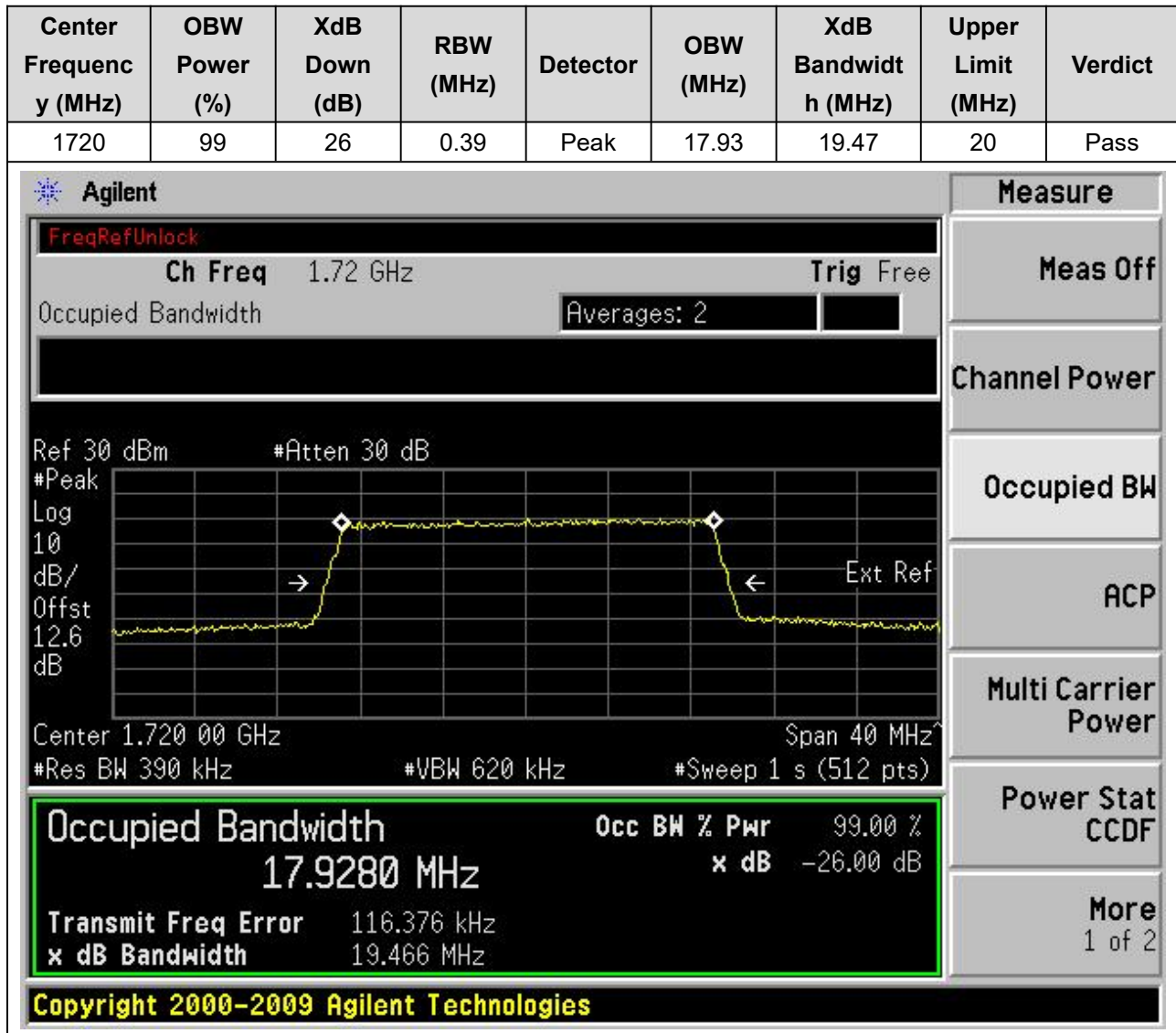
**2.61 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)**



**2.62 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20050, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)**



**2.63 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20050, Bandwidth:20, Modulation:64QAM, RB Number:100, RB Position:0)**



**2.64 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:20050, Bandwidth:20, Modulation:256QAM, RB Number:100, RB Position:0)**

