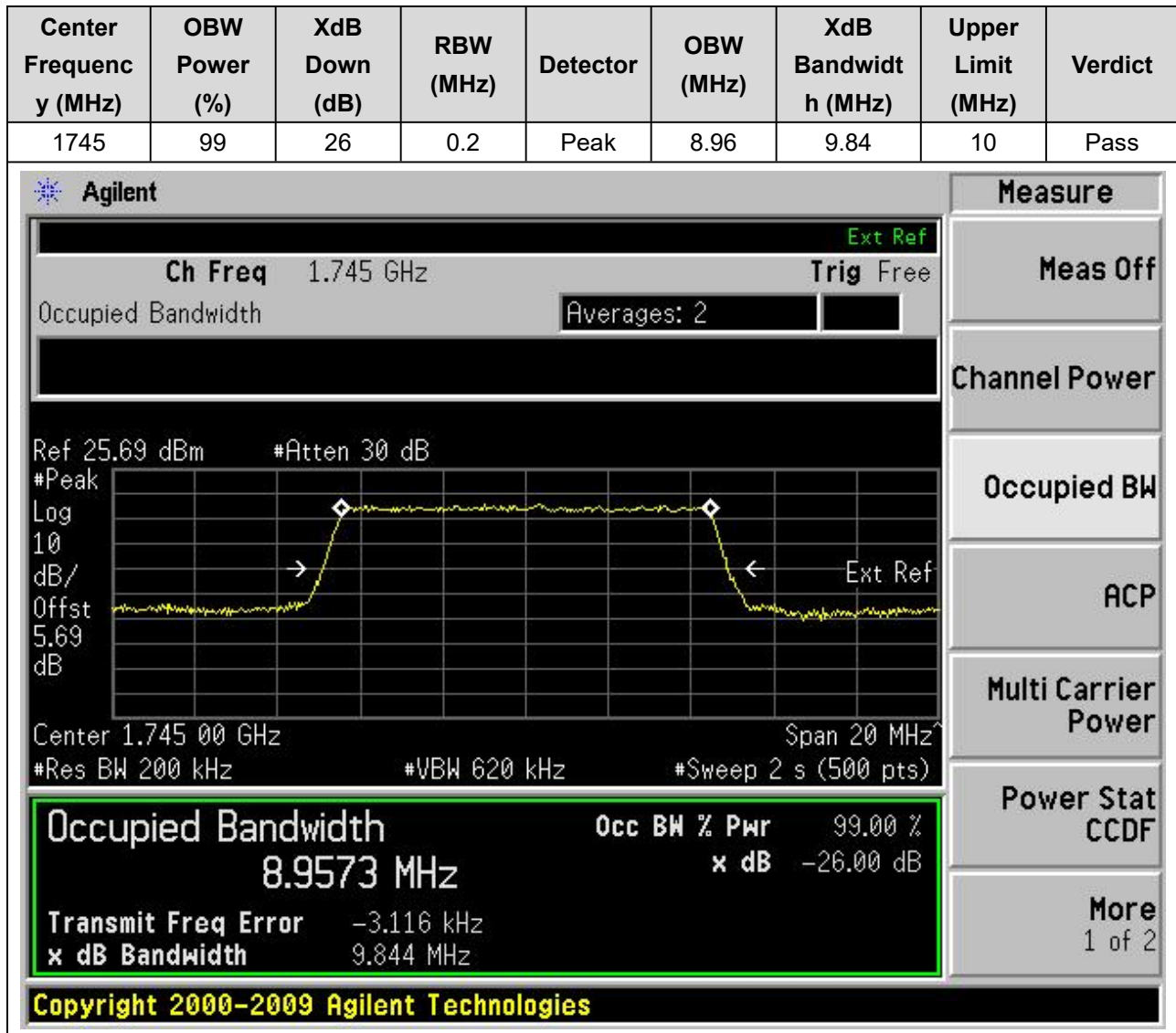
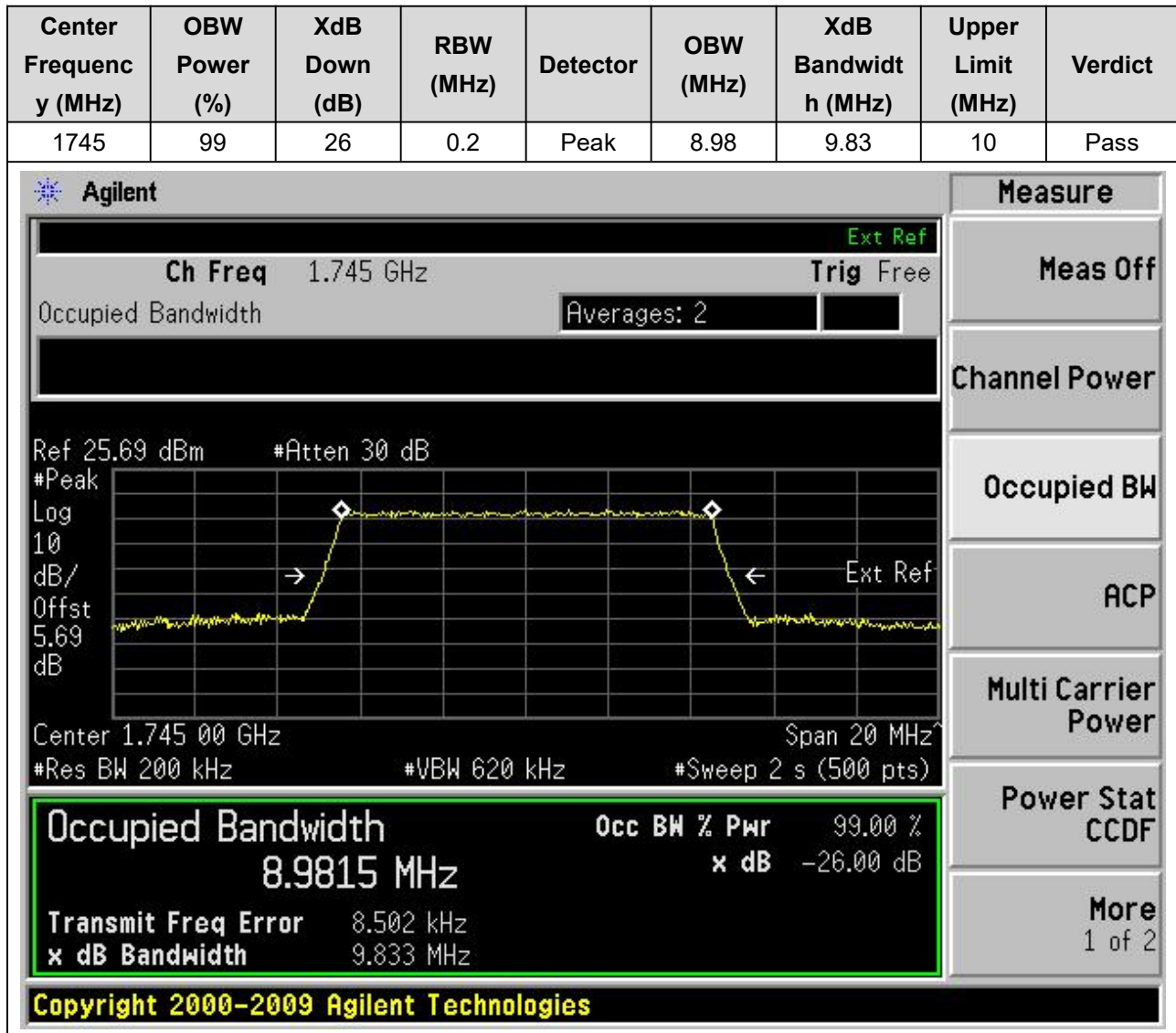


## Occupied Bandwidth

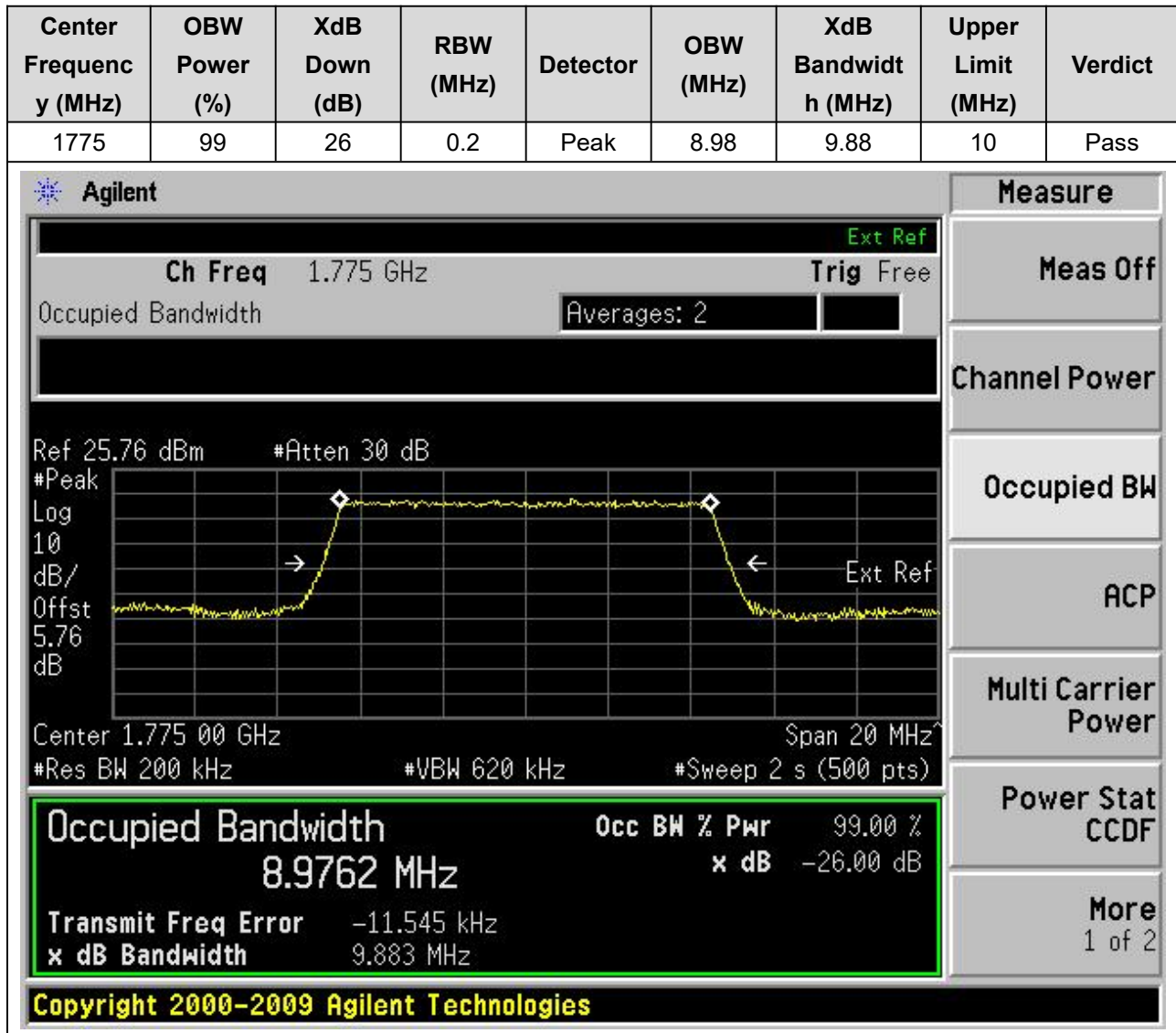
4.43 LTE Occupied Bandwidth\_Part22-24-27(added  
64QAM&256QAM)(NTNV)(Channel:132322, Bandwidth:10, Modulation:64QAM, RB  
Number:50, RB Position:0)



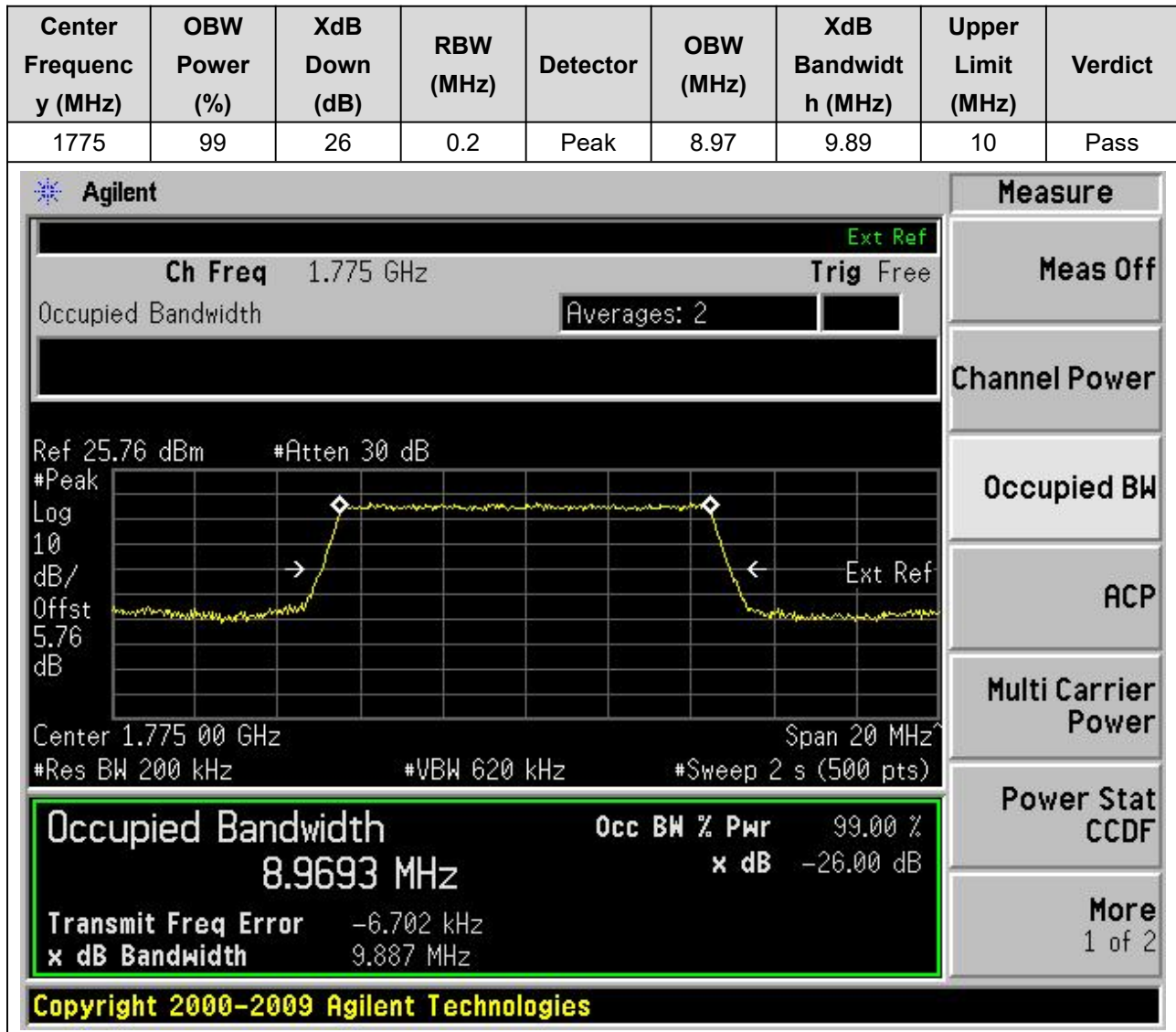
**4.44 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:132322, Bandwidth:10, Modulation:256QAM, RB Number:50, RB Position:0)**



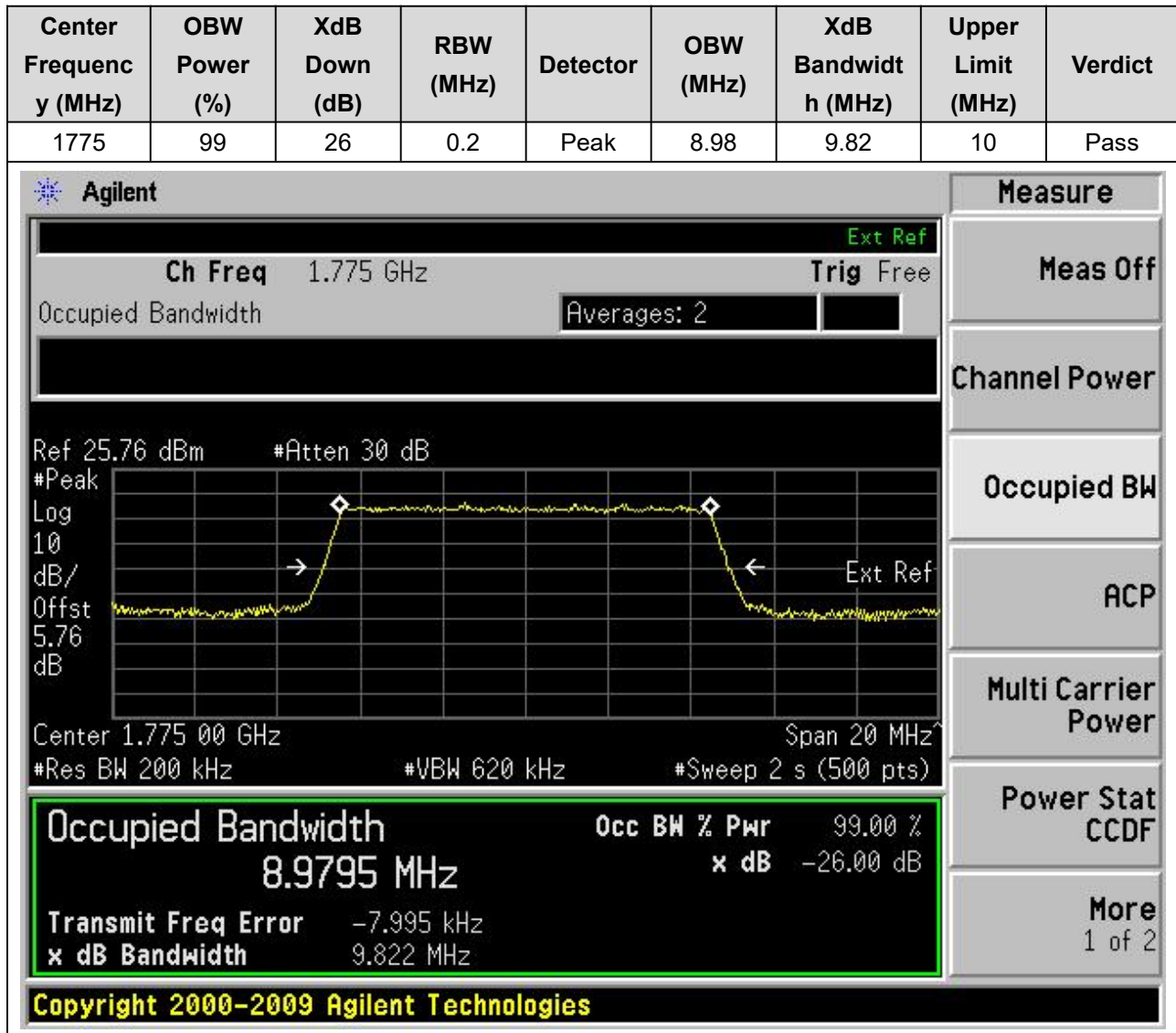
**4.45 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:132622, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)**



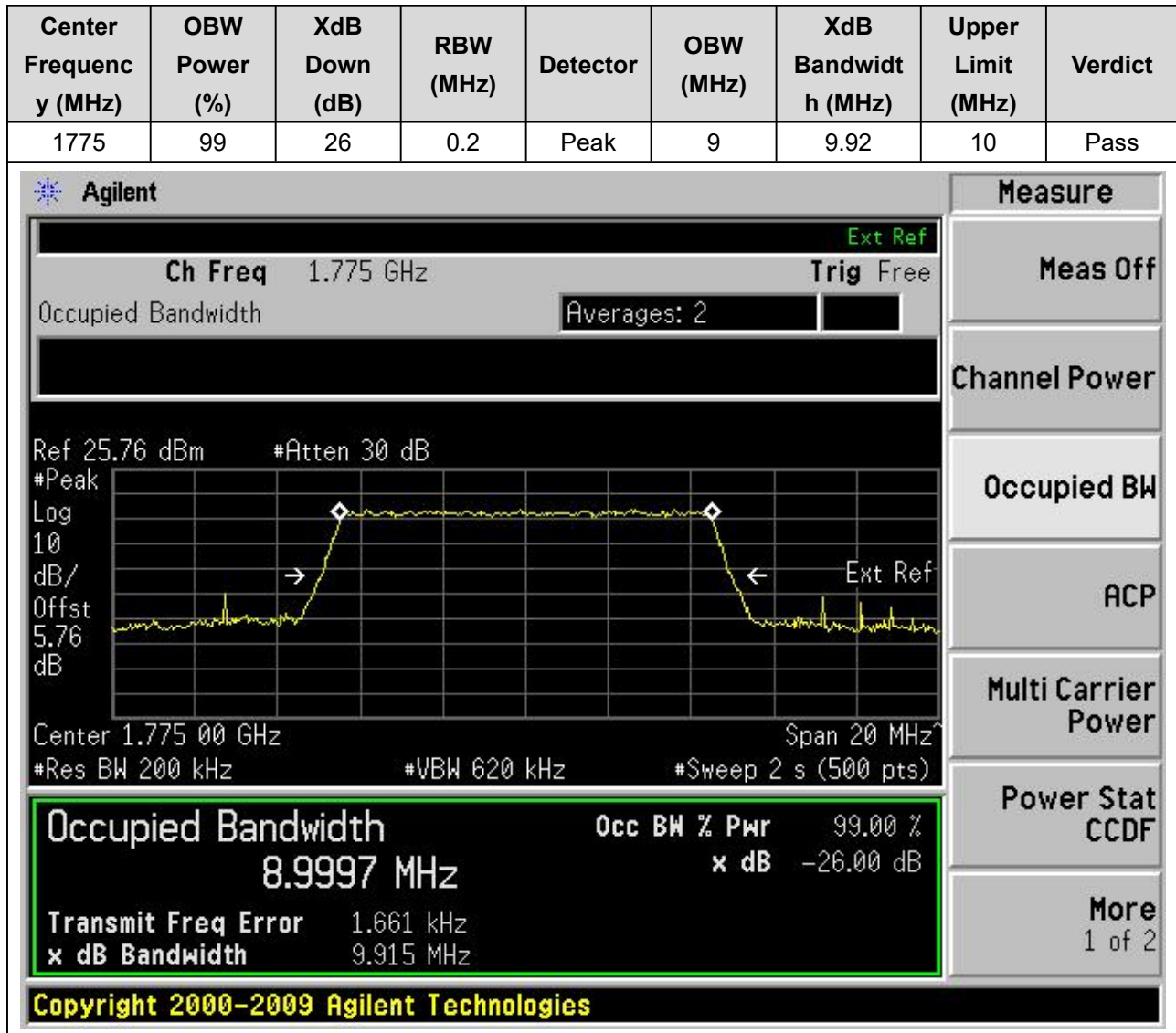
**4.46 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:132622, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)**



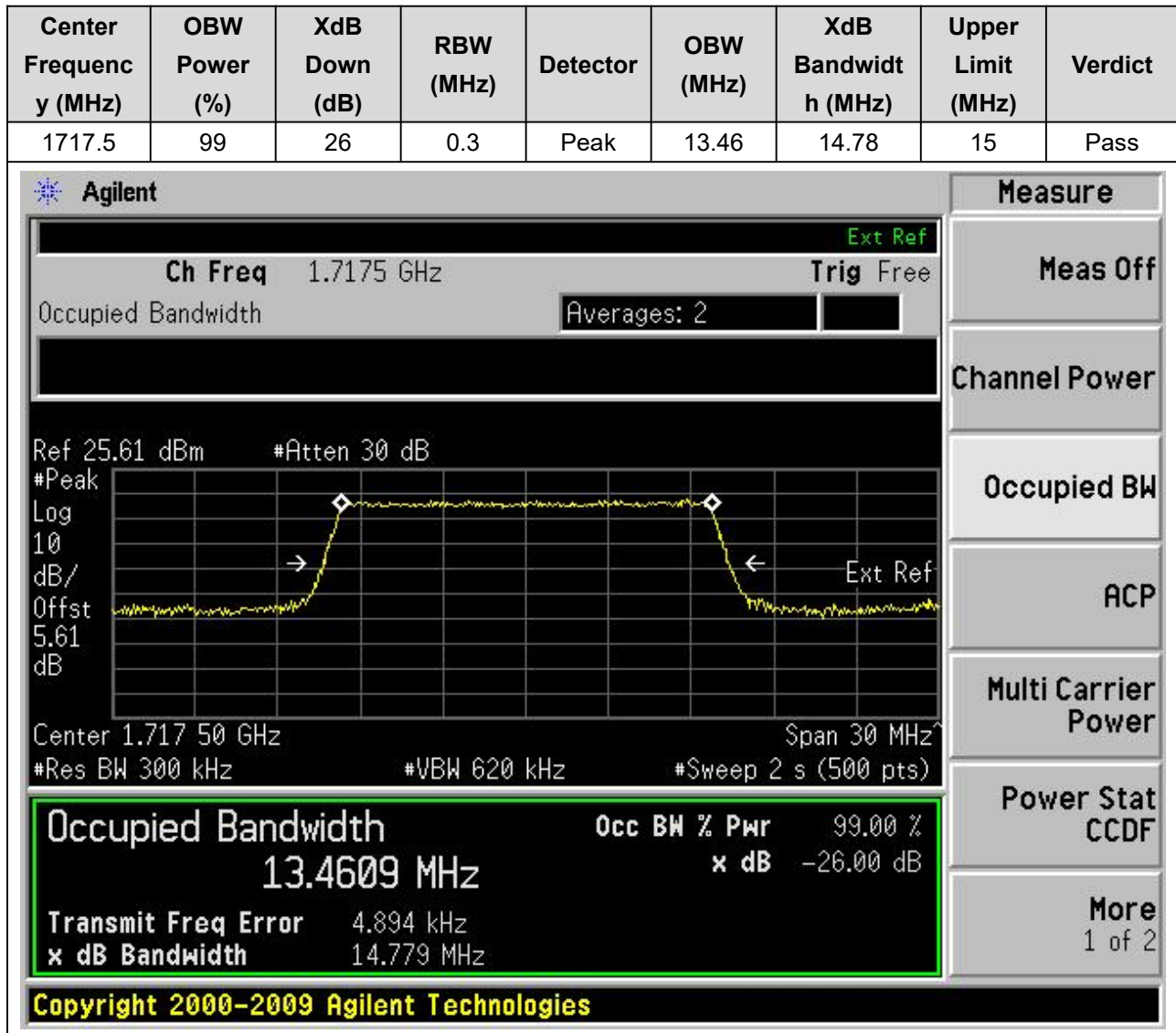
**4.47 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:132622, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)**



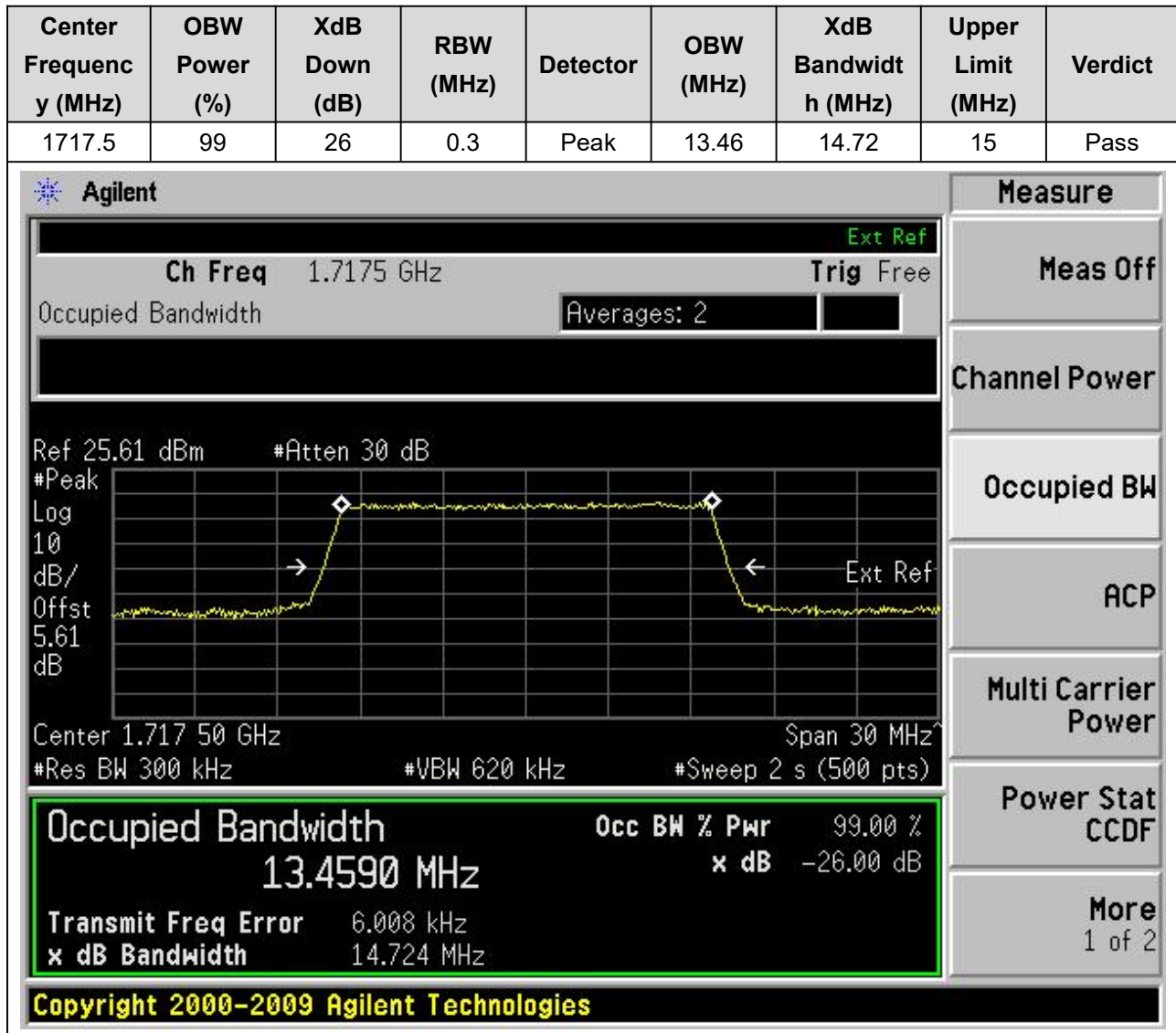
**4.48 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:132622, Bandwidth:10, Modulation:256QAM, RB Number:50, RB Position:0)**



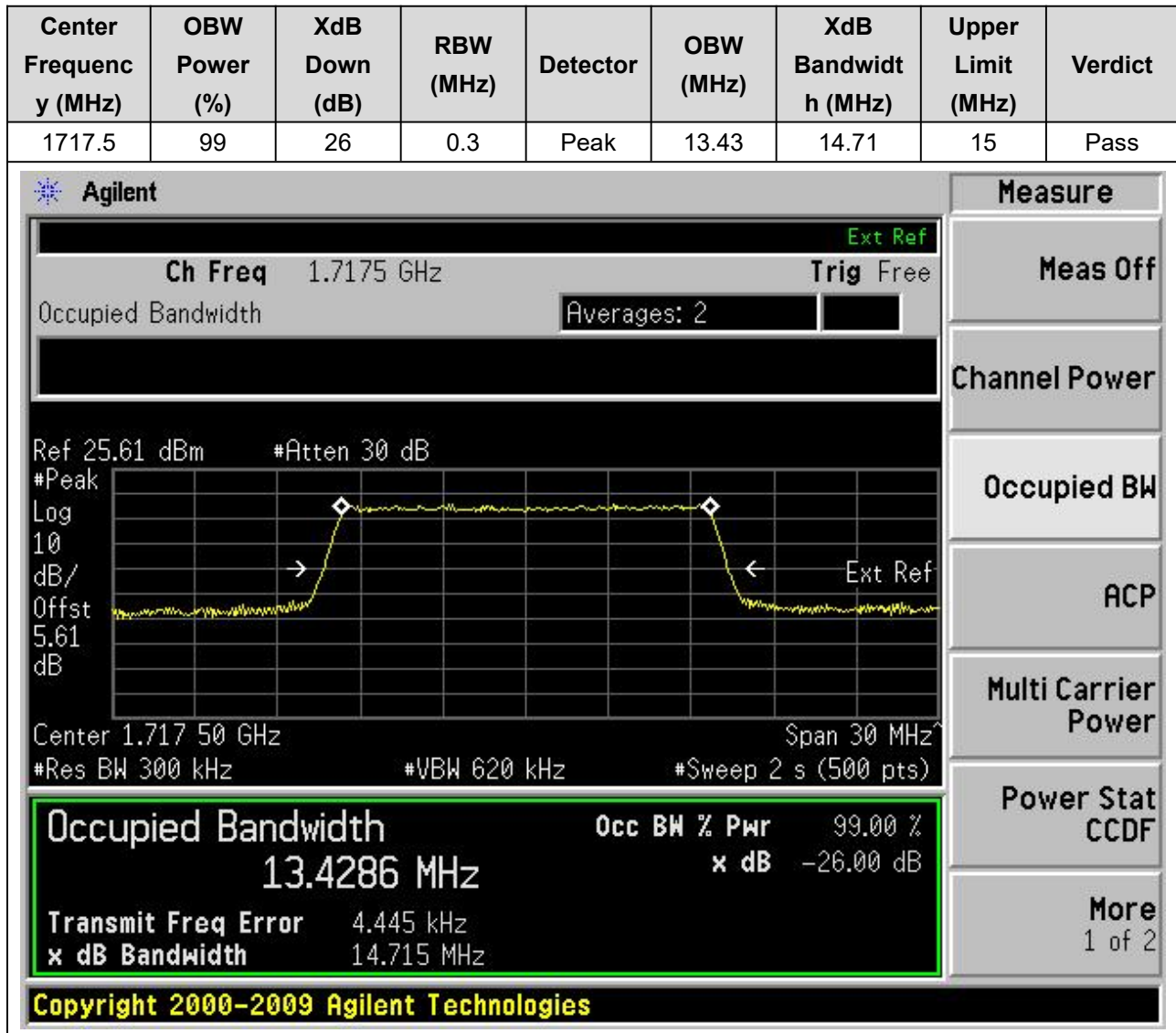
**4.49 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:132047, Bandwidth:15, Modulation:QPSK, RB Number:75, RB Position:0)**



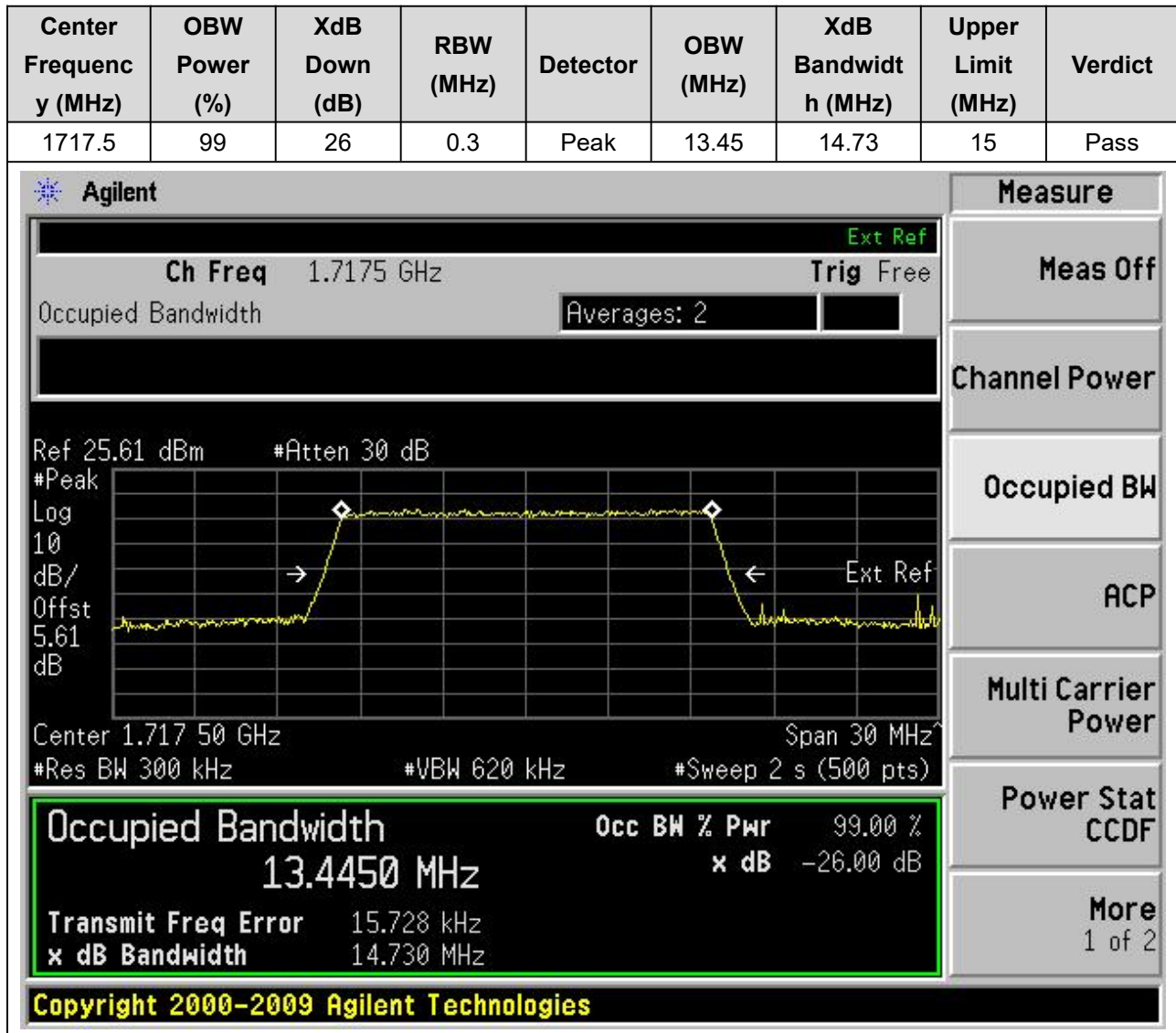
**4.50 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:132047, Bandwidth:15, Modulation:16QAM, RB Number:75, RB Position:0)**



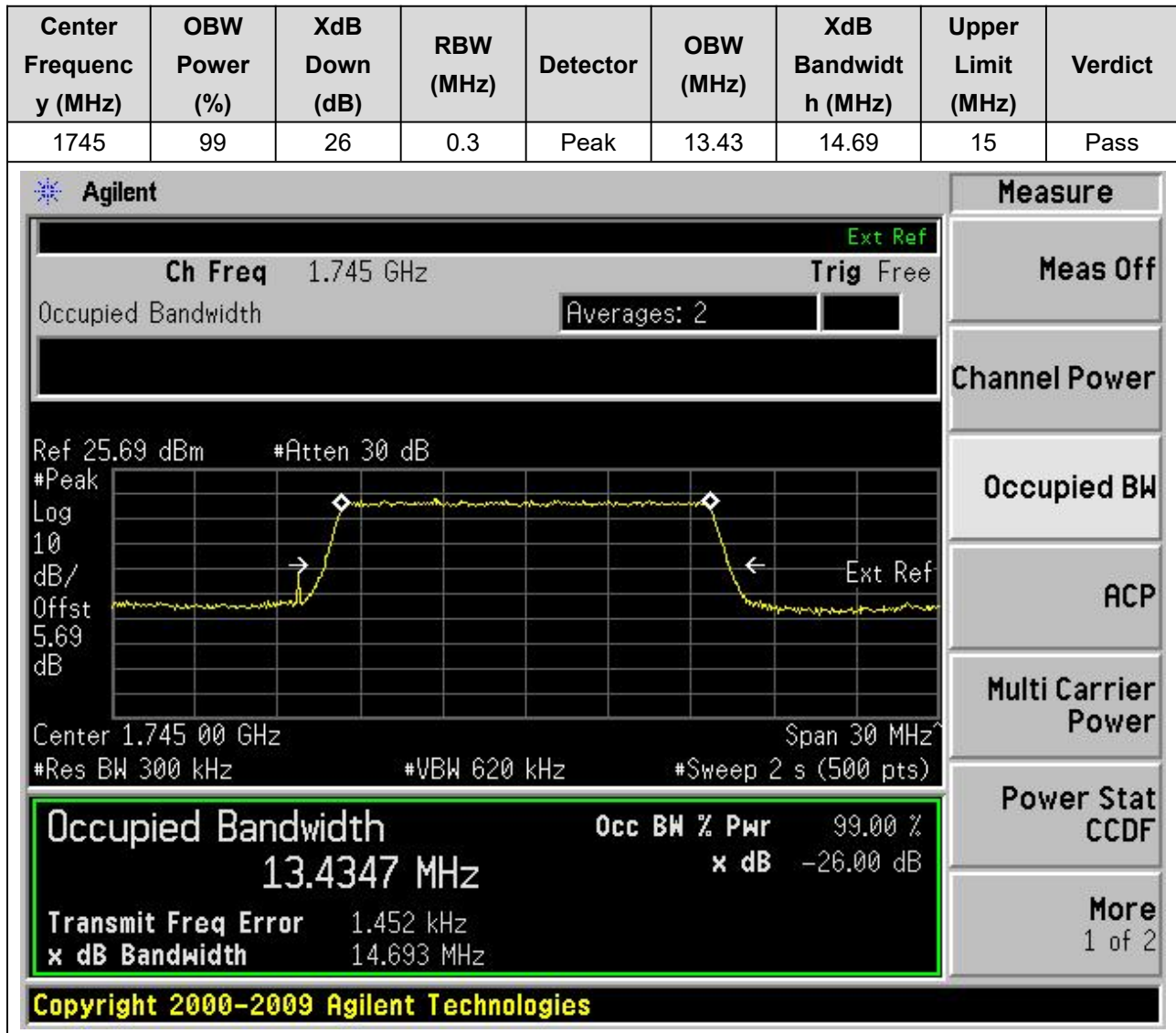
**4.51 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:132047, Bandwidth:15, Modulation:64QAM, RB Number:75, RB Position:0)**



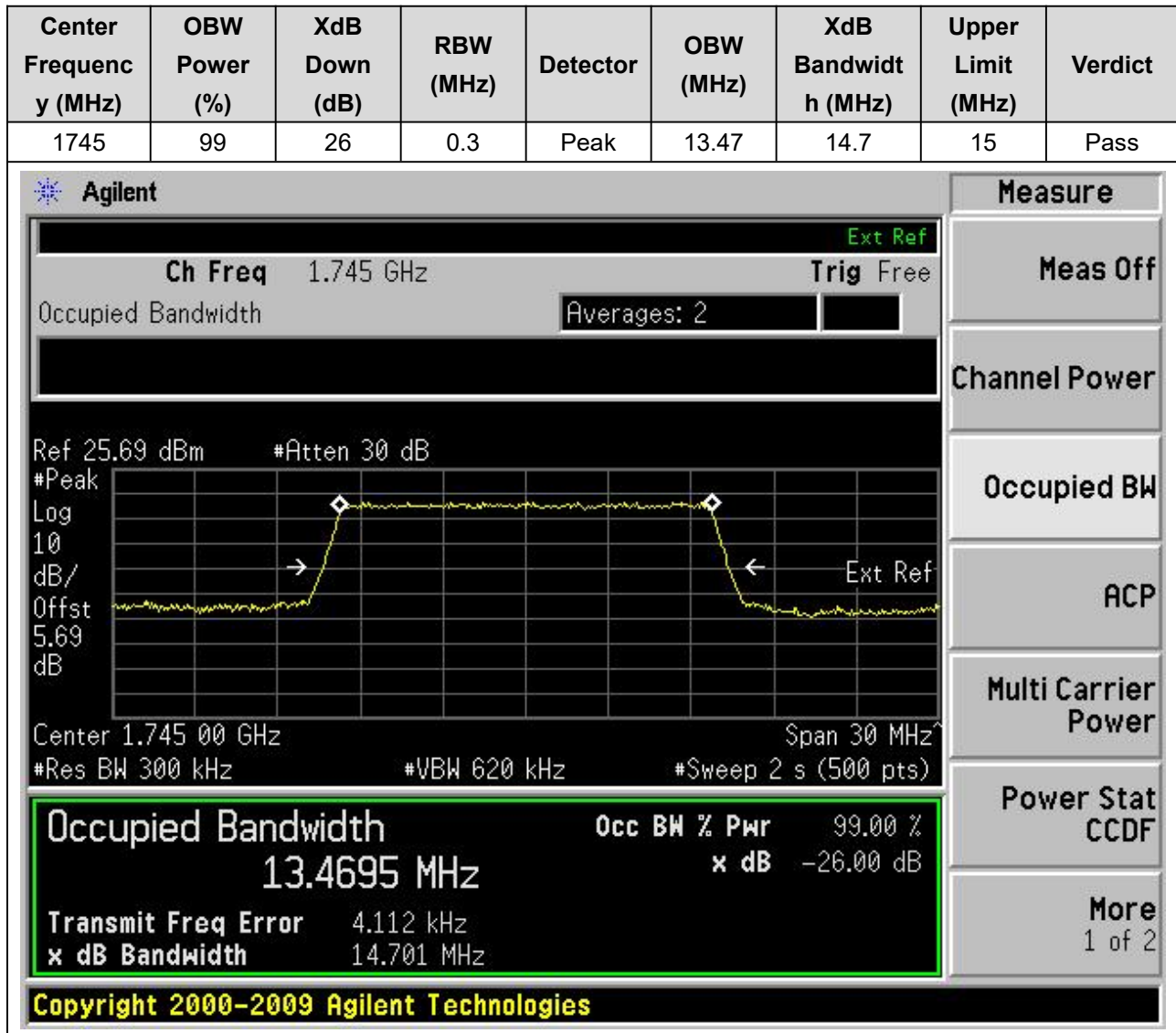
**4.52 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:132047, Bandwidth:15, Modulation:256QAM, RB Number:75, RB Position:0)**



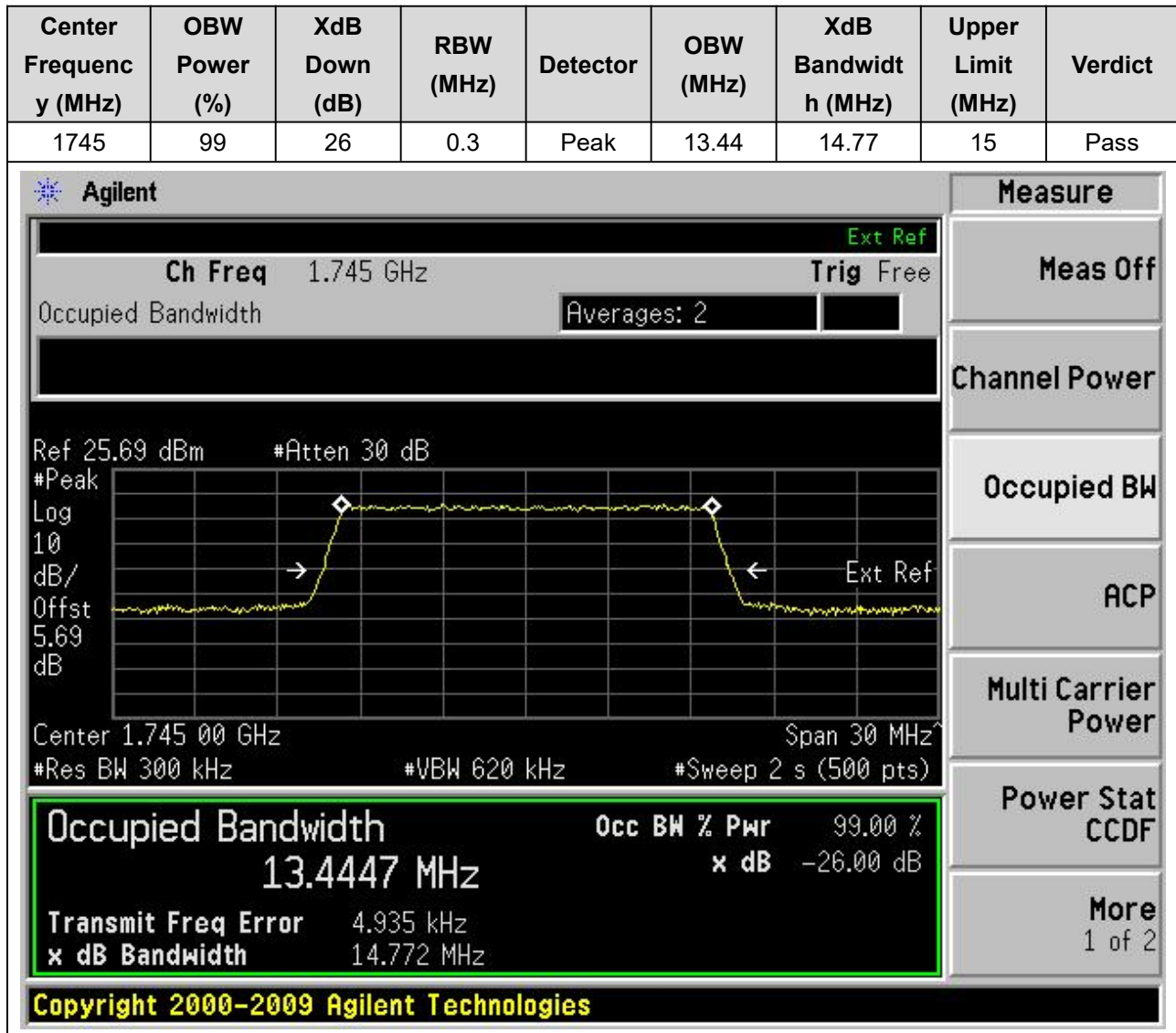
**4.53 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:132322, Bandwidth:15, Modulation:QPSK, RB Number:75, RB Position:0)**



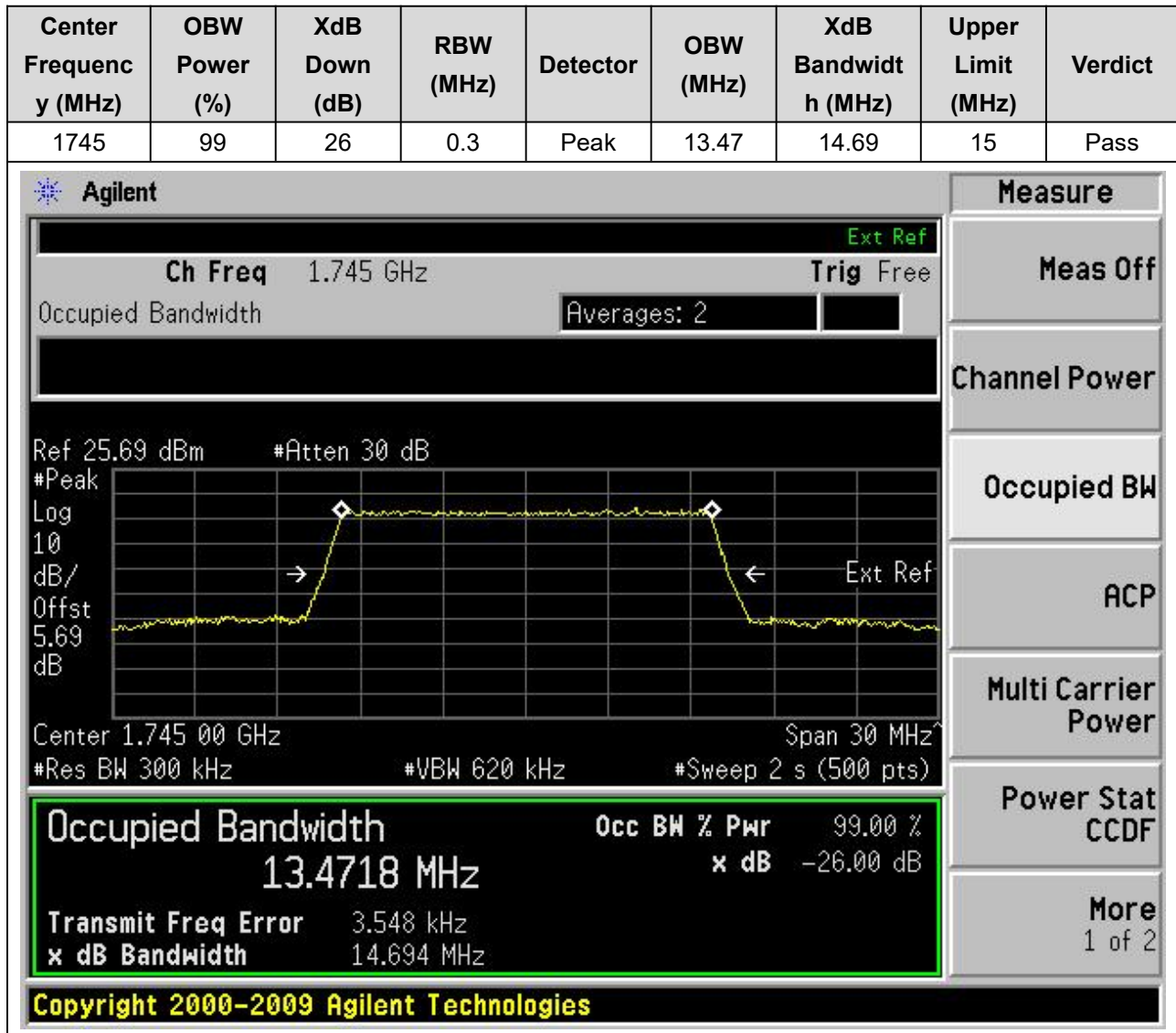
**4.54 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:132322, Bandwidth:15, Modulation:16QAM, RB Number:75, RB Position:0)**



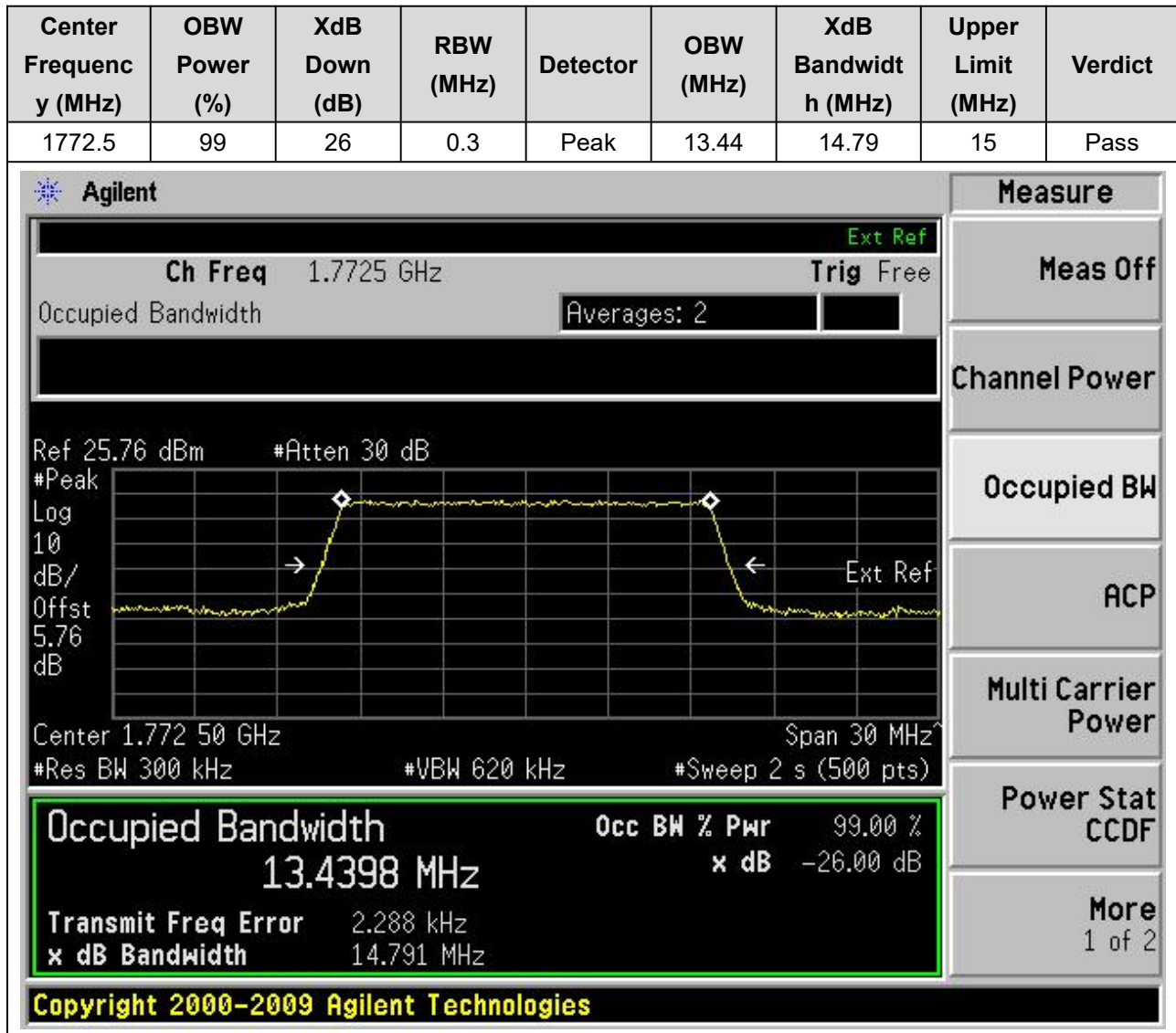
**4.55 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:132322, Bandwidth:15, Modulation:64QAM, RB Number:75, RB Position:0)**



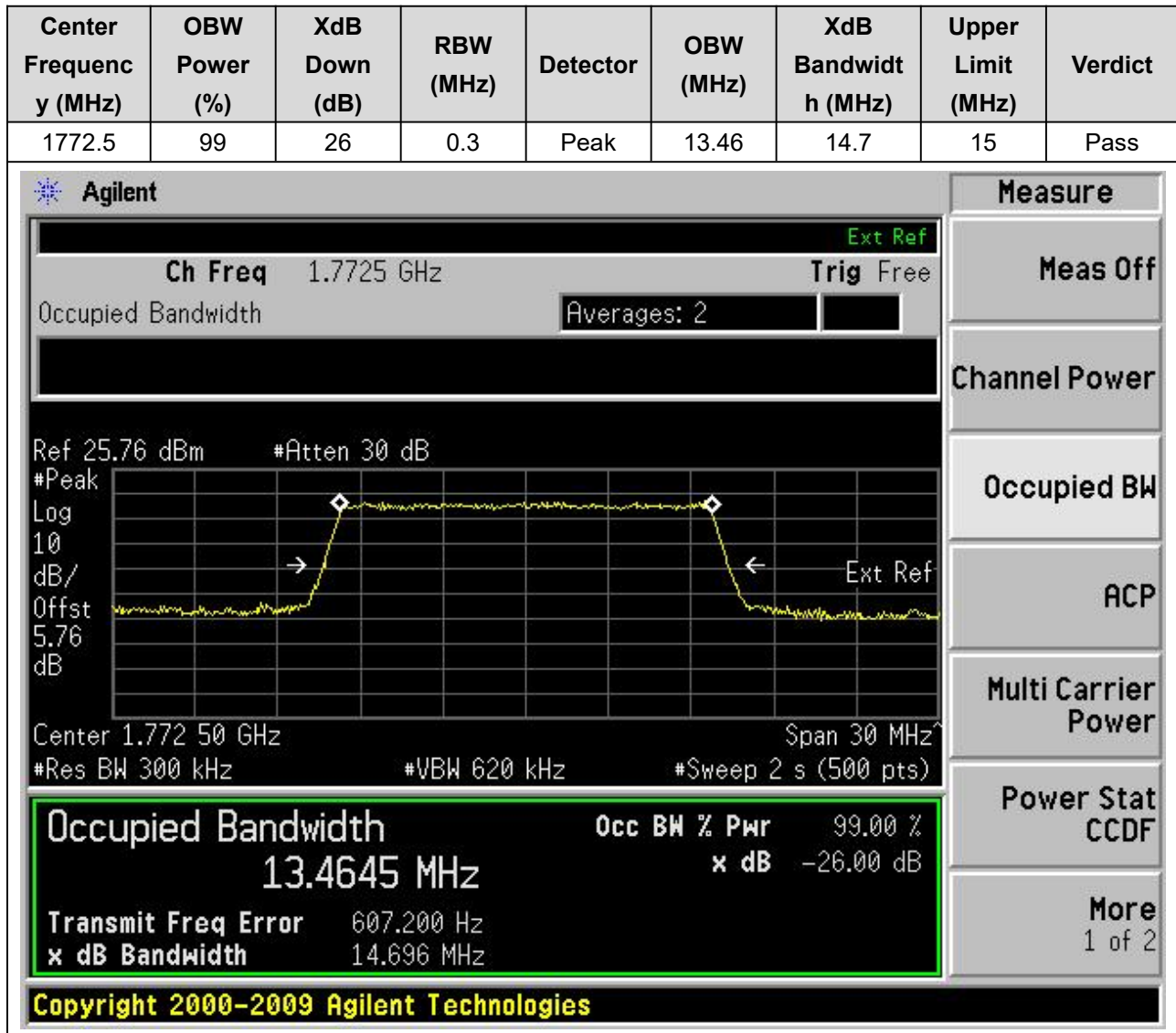
**4.56 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:132322, Bandwidth:15, Modulation:256QAM, RB Number:75, RB Position:0)**



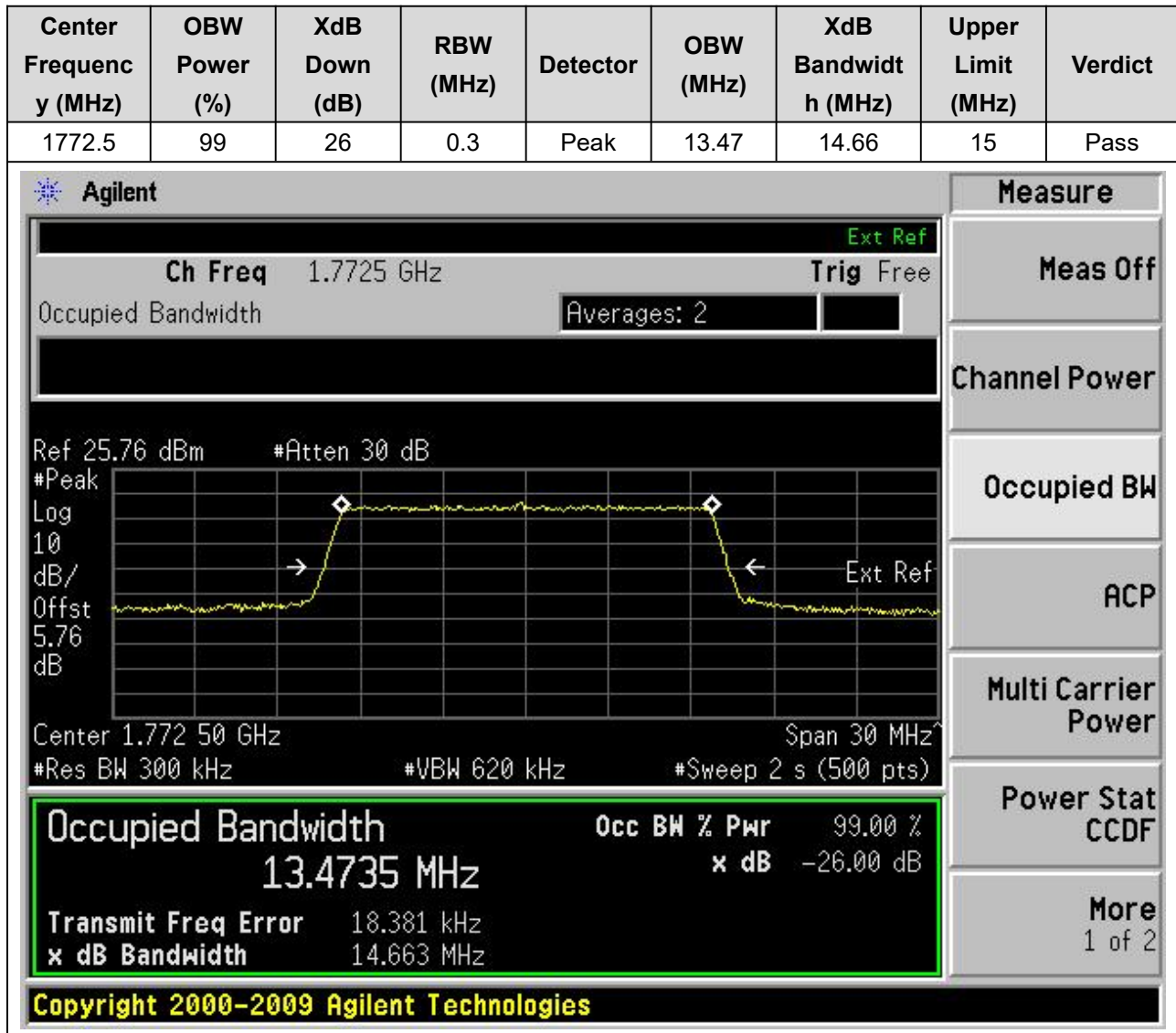
**4.57 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:132597, Bandwidth:15, Modulation:QPSK, RB Number:75, RB Position:0)**



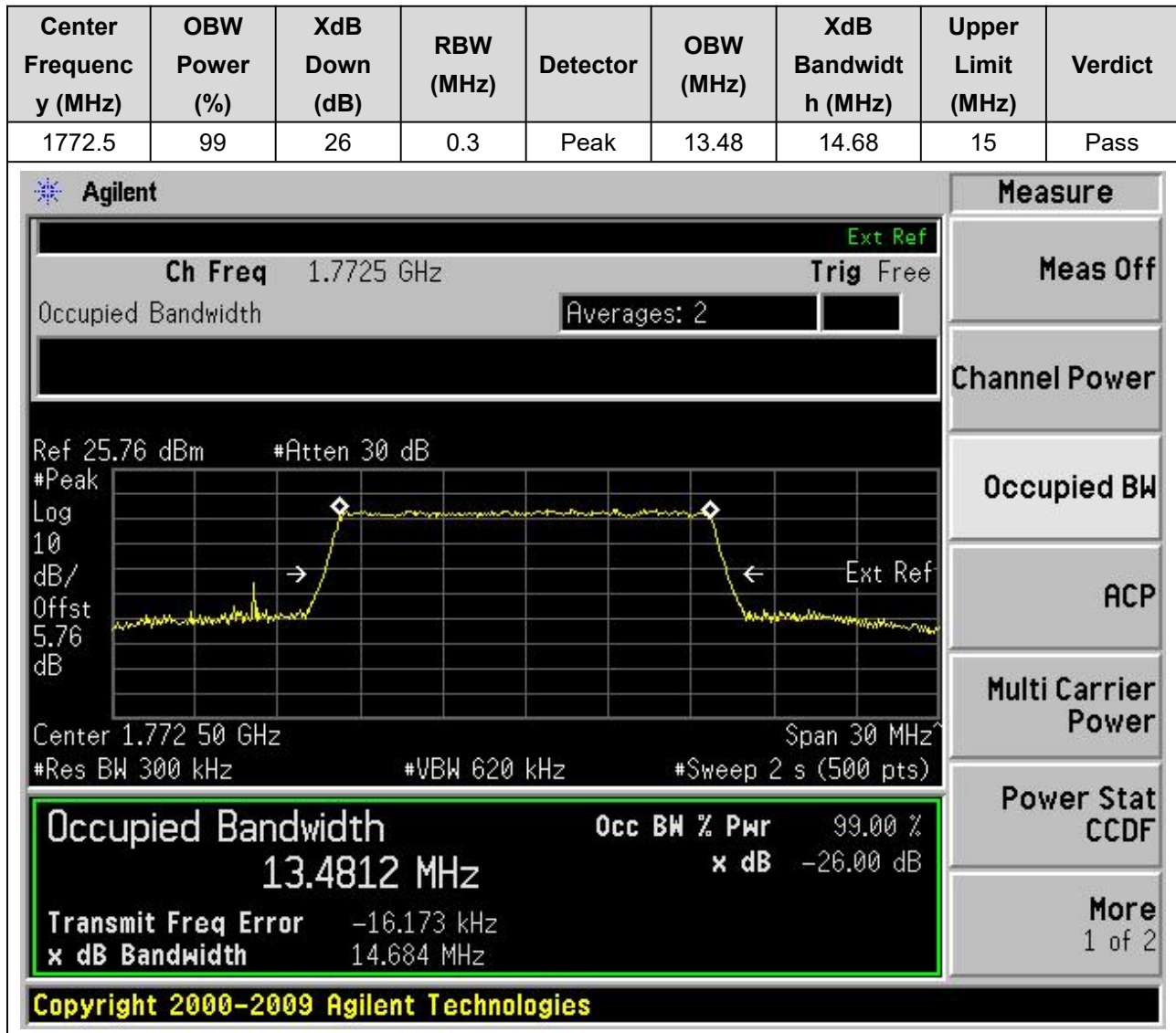
**4.58 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:132597, Bandwidth:15, Modulation:16QAM, RB Number:75, RB Position:0)**



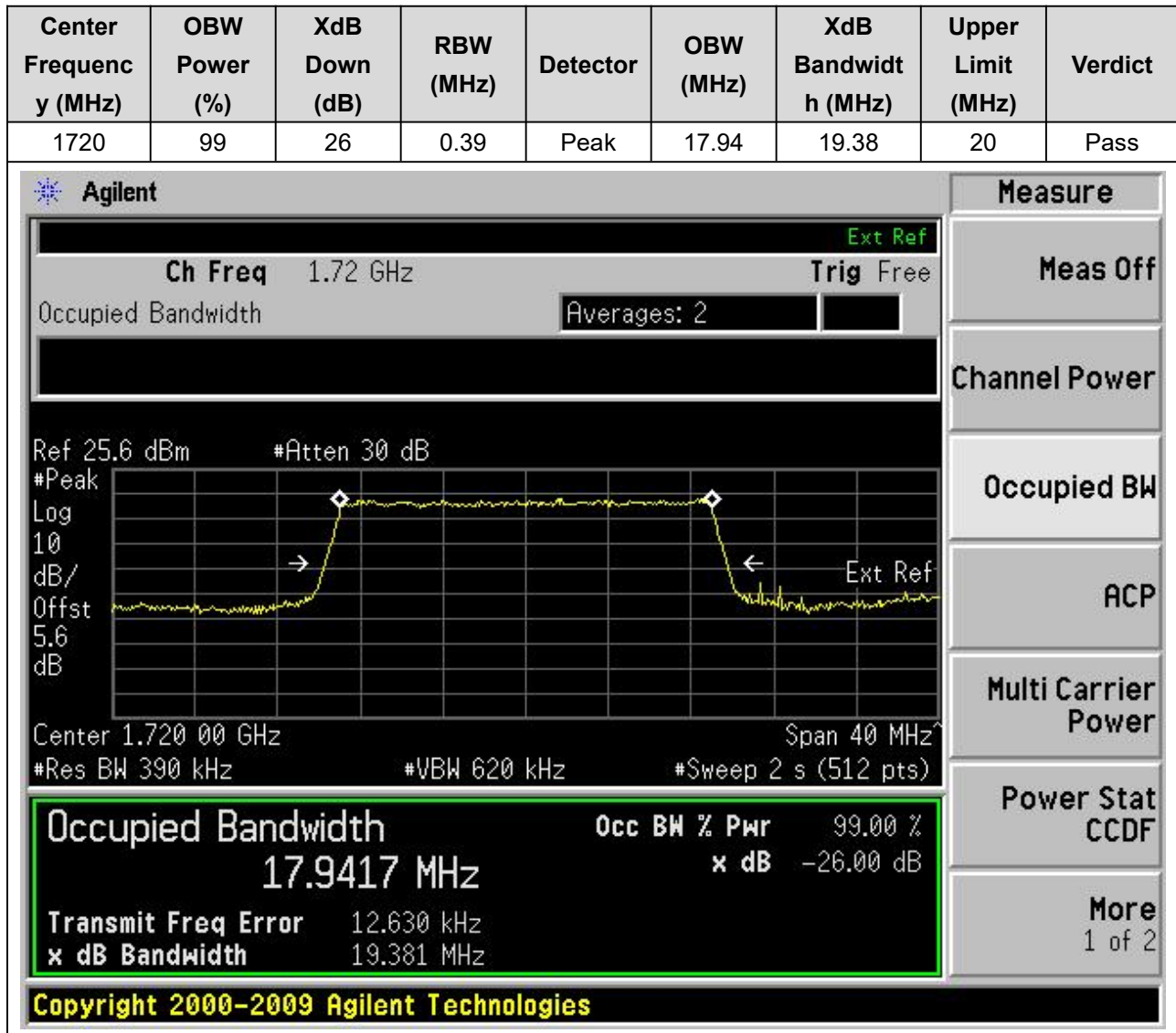
**4.59 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:132597, Bandwidth:15, Modulation:64QAM, RB Number:75, RB Position:0)**



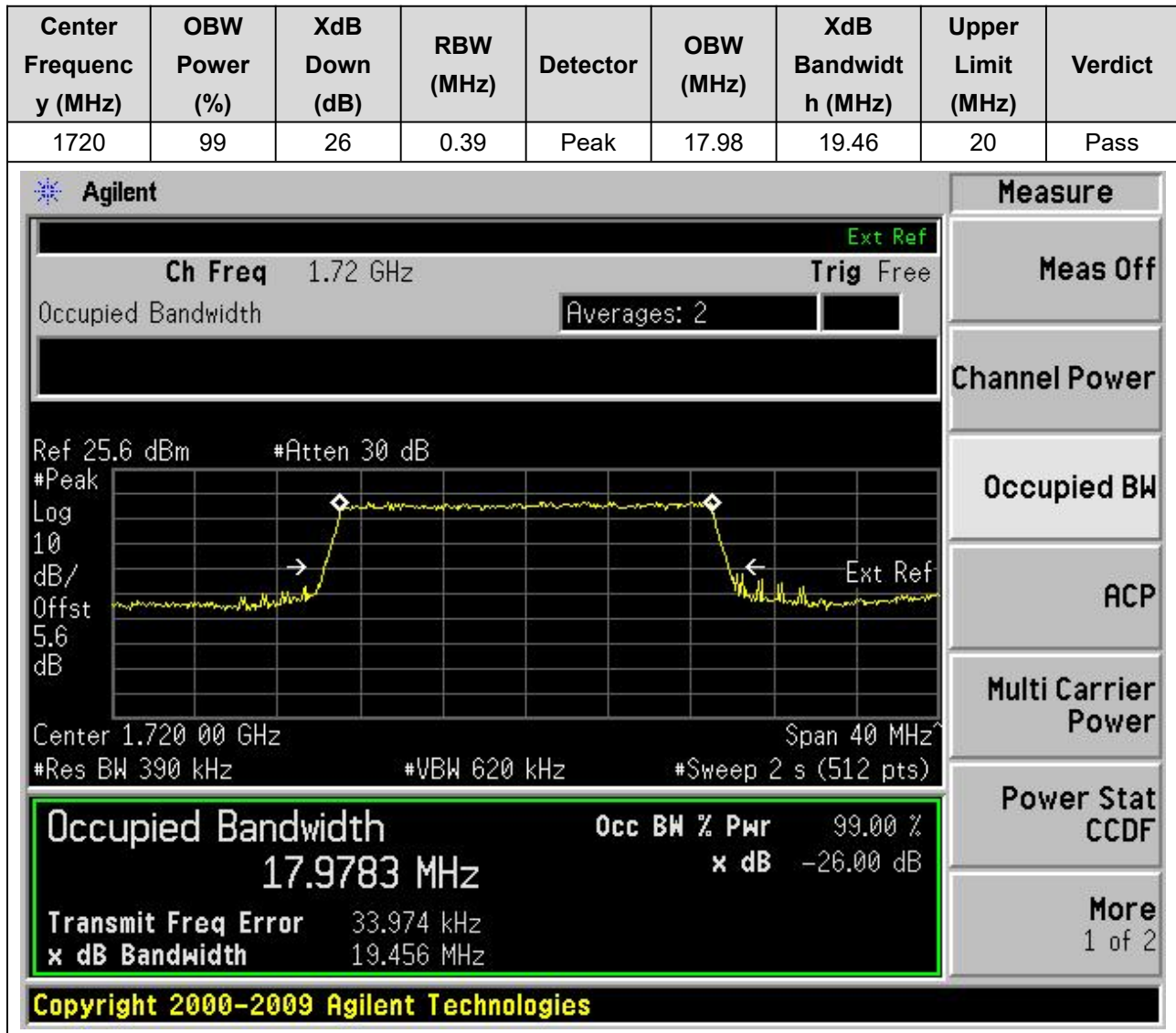
**4.60 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:132597, Bandwidth:15, Modulation:256QAM, RB Number:75, RB Position:0)**



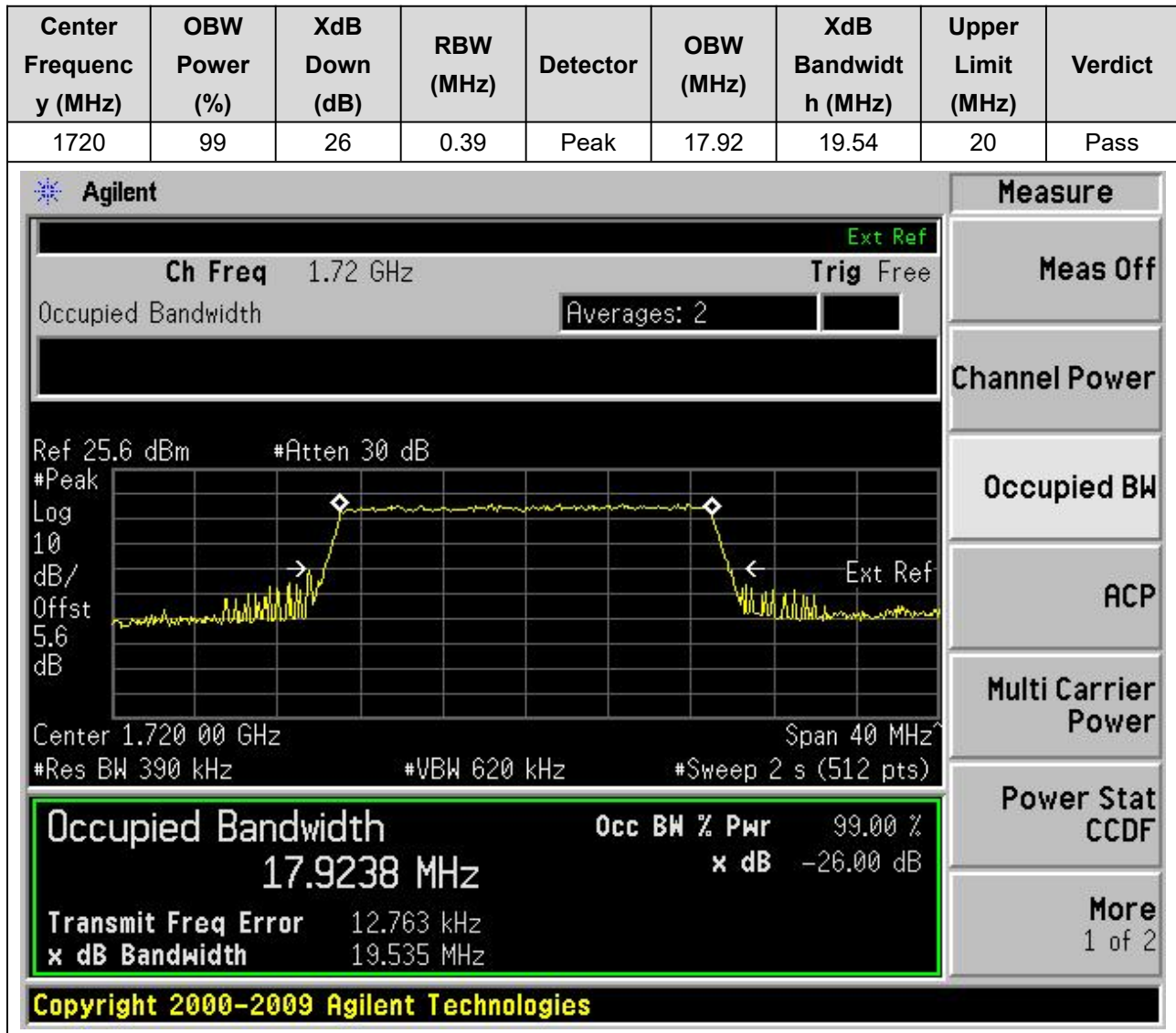
**4.61 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:132072, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)**



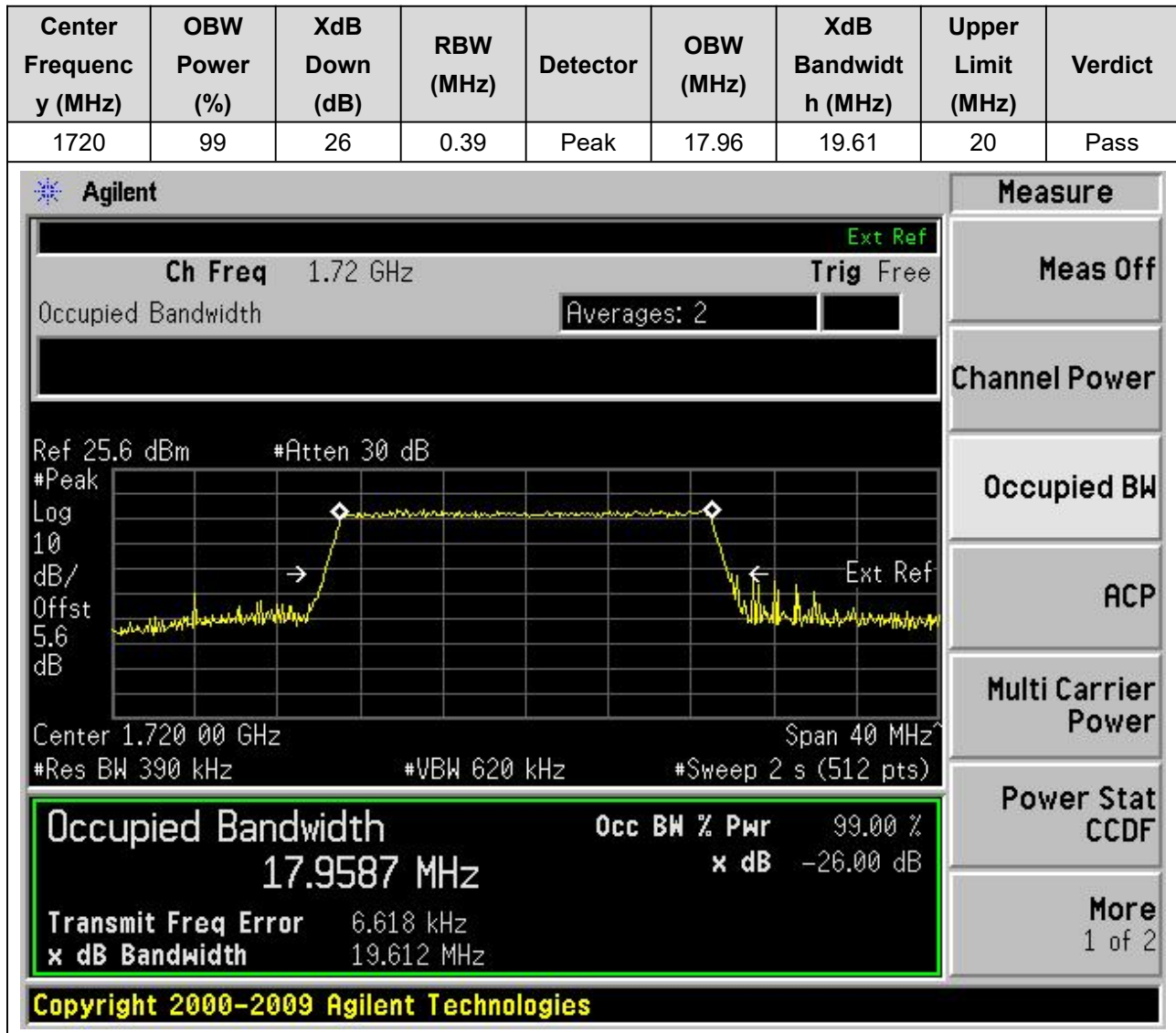
**4.62 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:132072, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)**



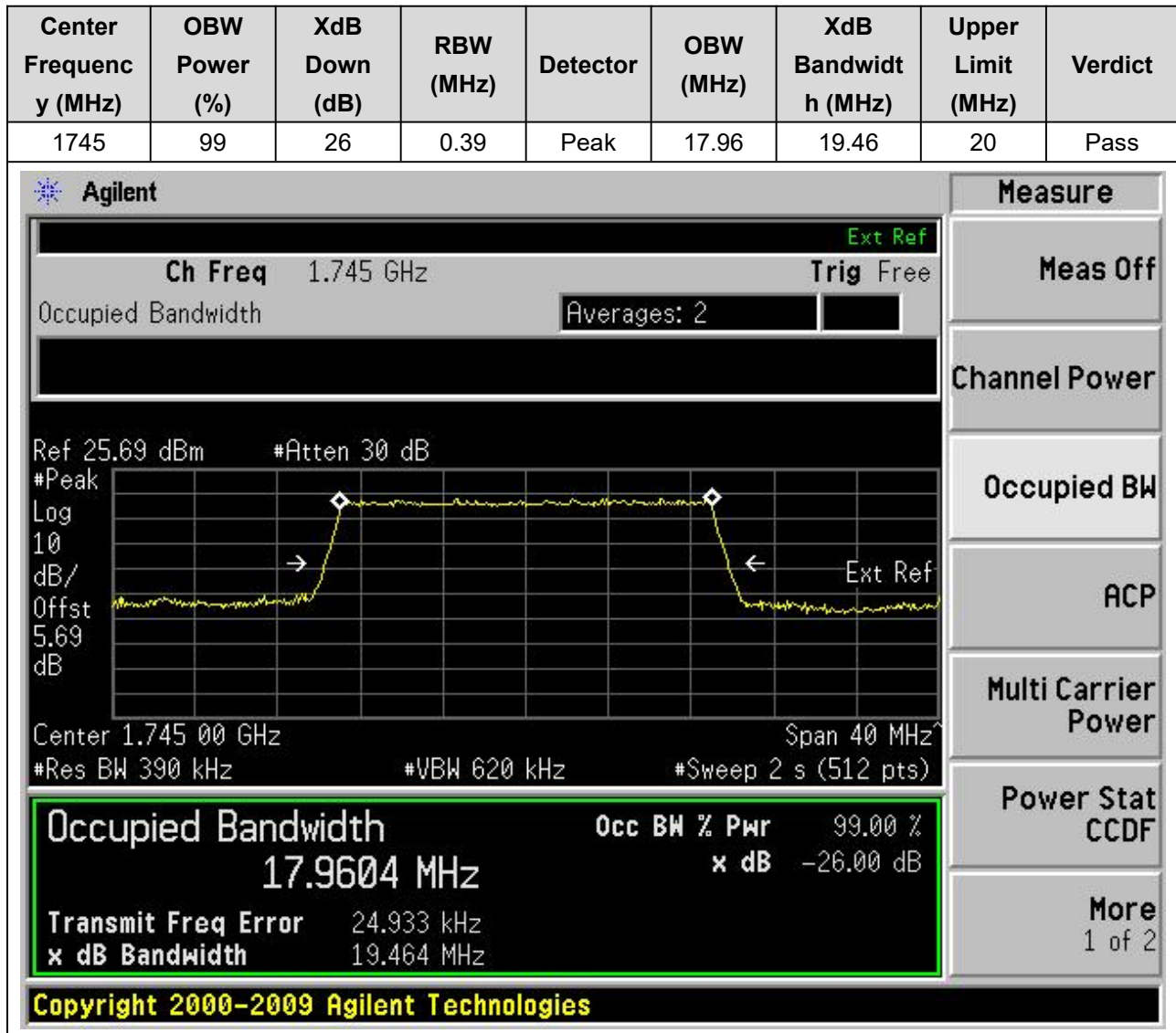
**4.63 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:132072, Bandwidth:20, Modulation:64QAM, RB Number:100, RB Position:0)**



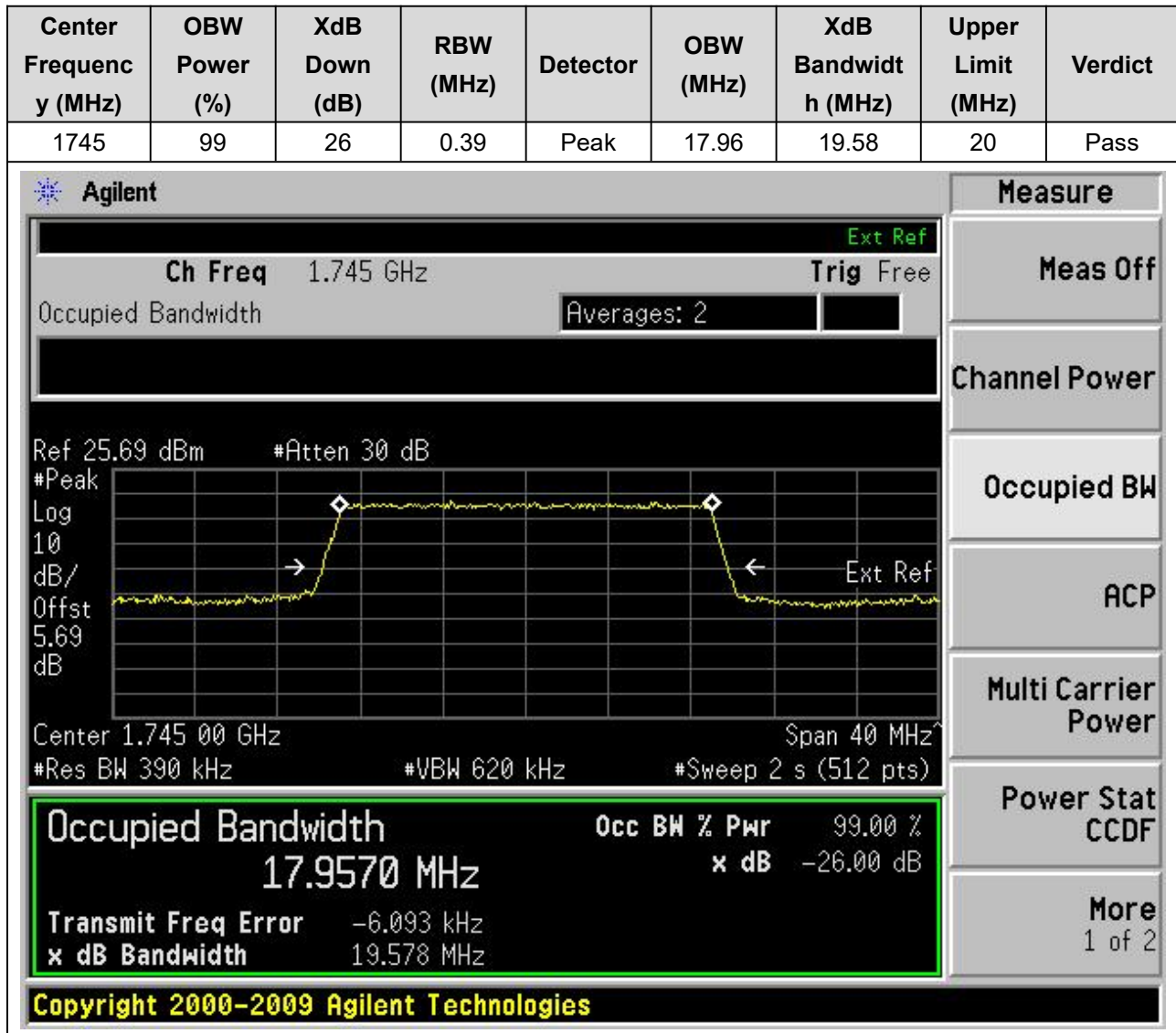
**4.64 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:132072, Bandwidth:20, Modulation:256QAM, RB Number:100, RB Position:0)**



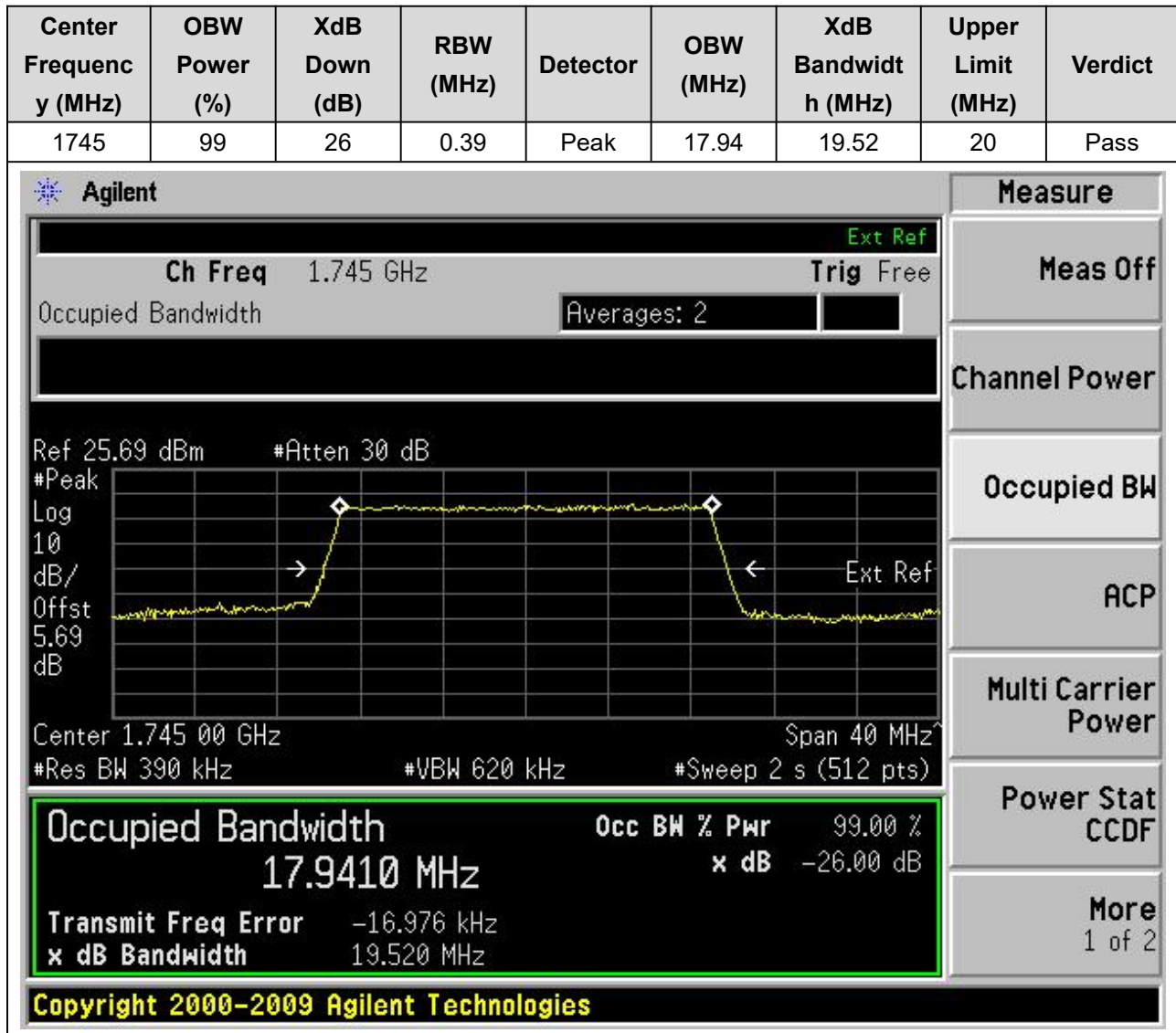
**4.65 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:132322, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)**



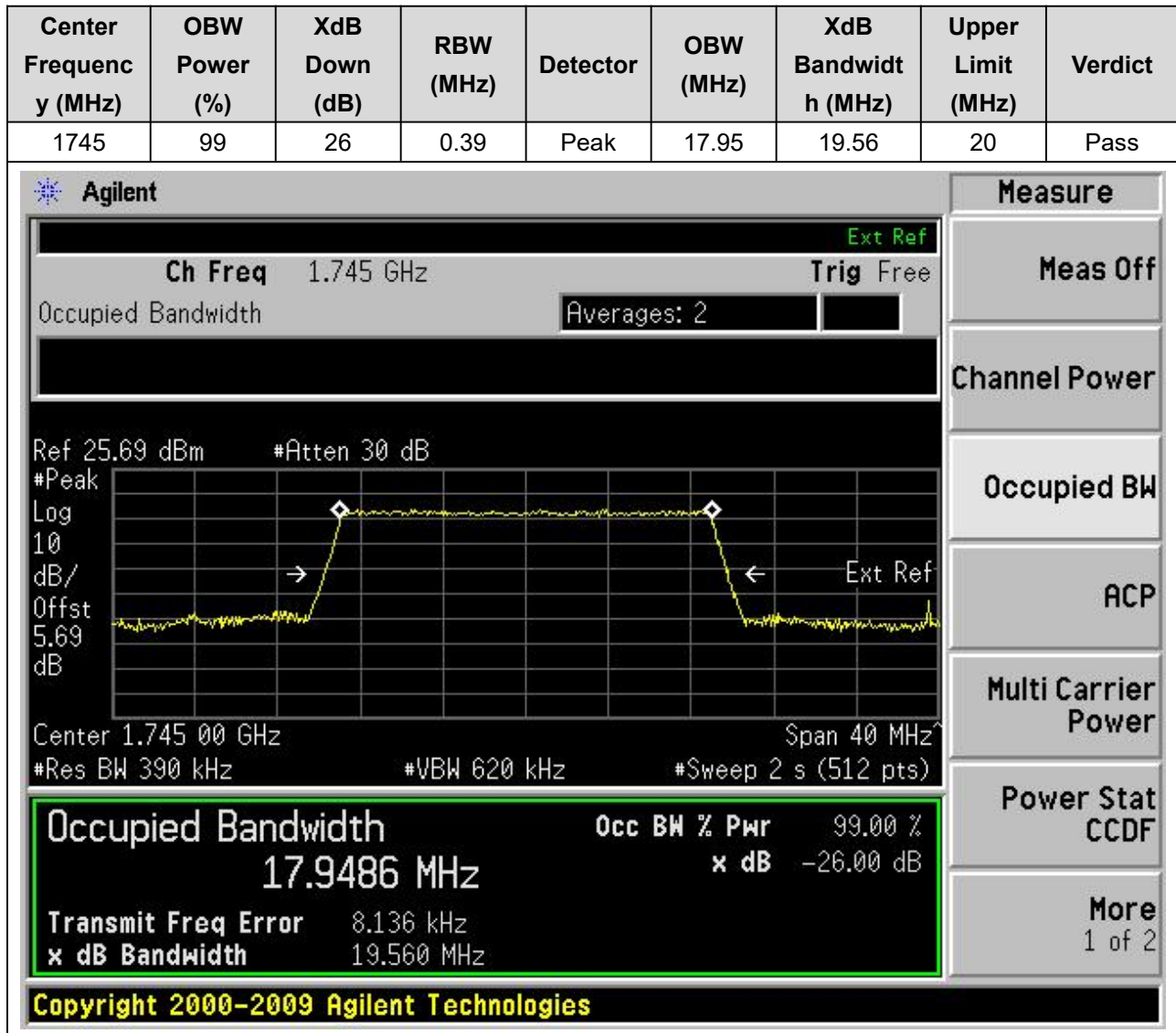
**4.66 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:132322, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)**



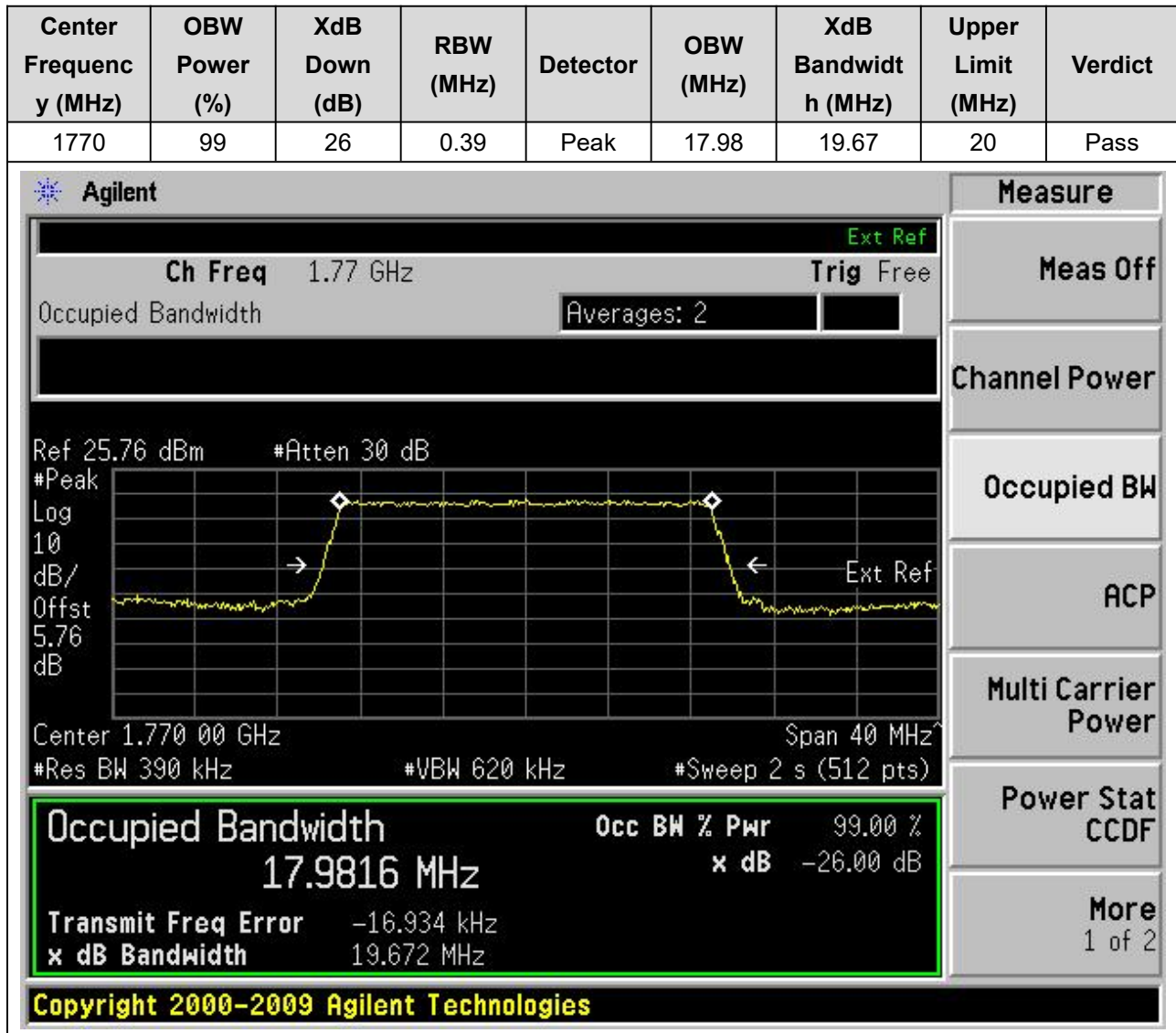
**4.67 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:132322, Bandwidth:20, Modulation:64QAM, RB Number:100, RB Position:0)**



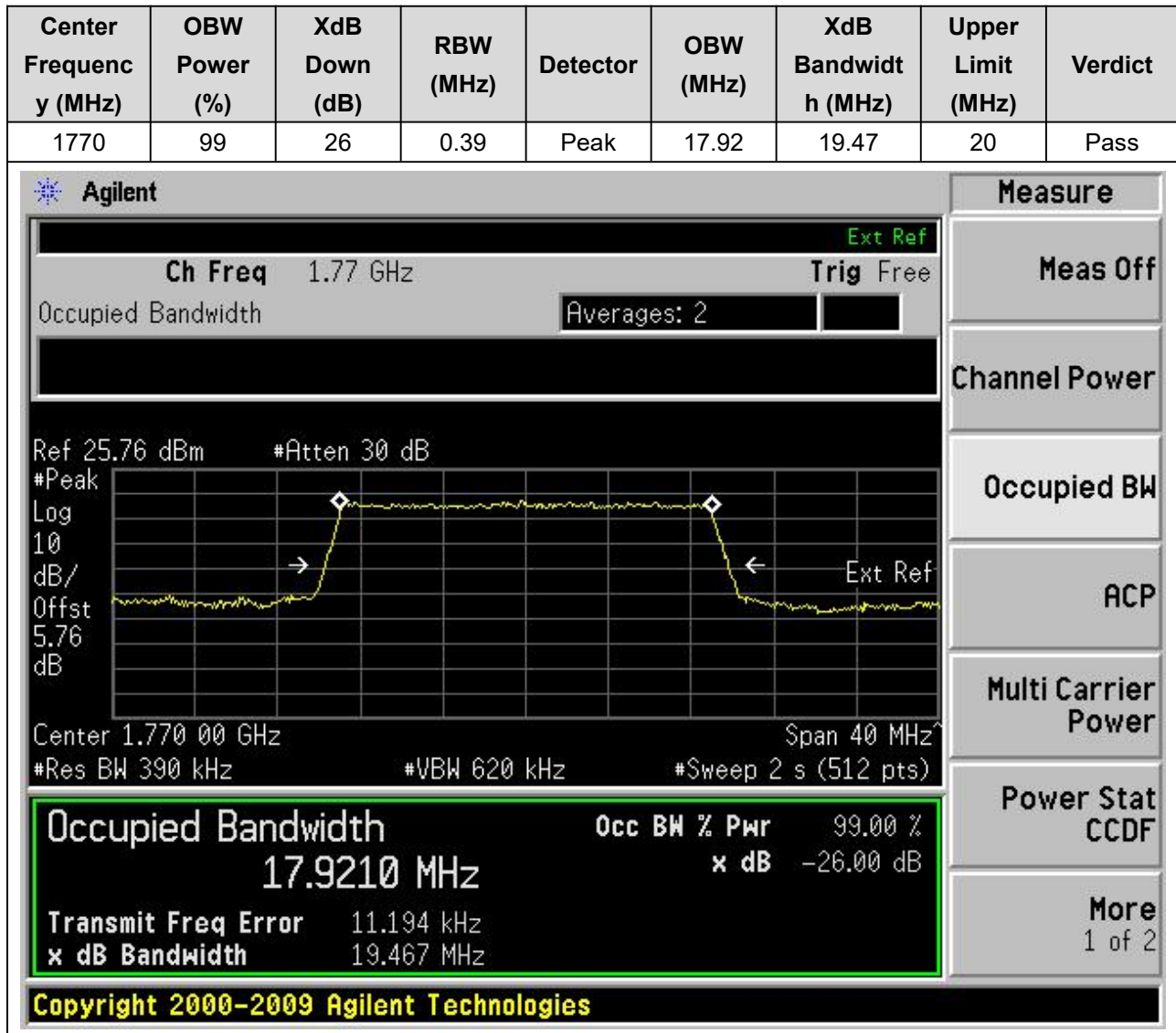
**4.68 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:132322, Bandwidth:20, Modulation:256QAM, RB Number:100, RB Position:0)**



**4.69 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:132572, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)**

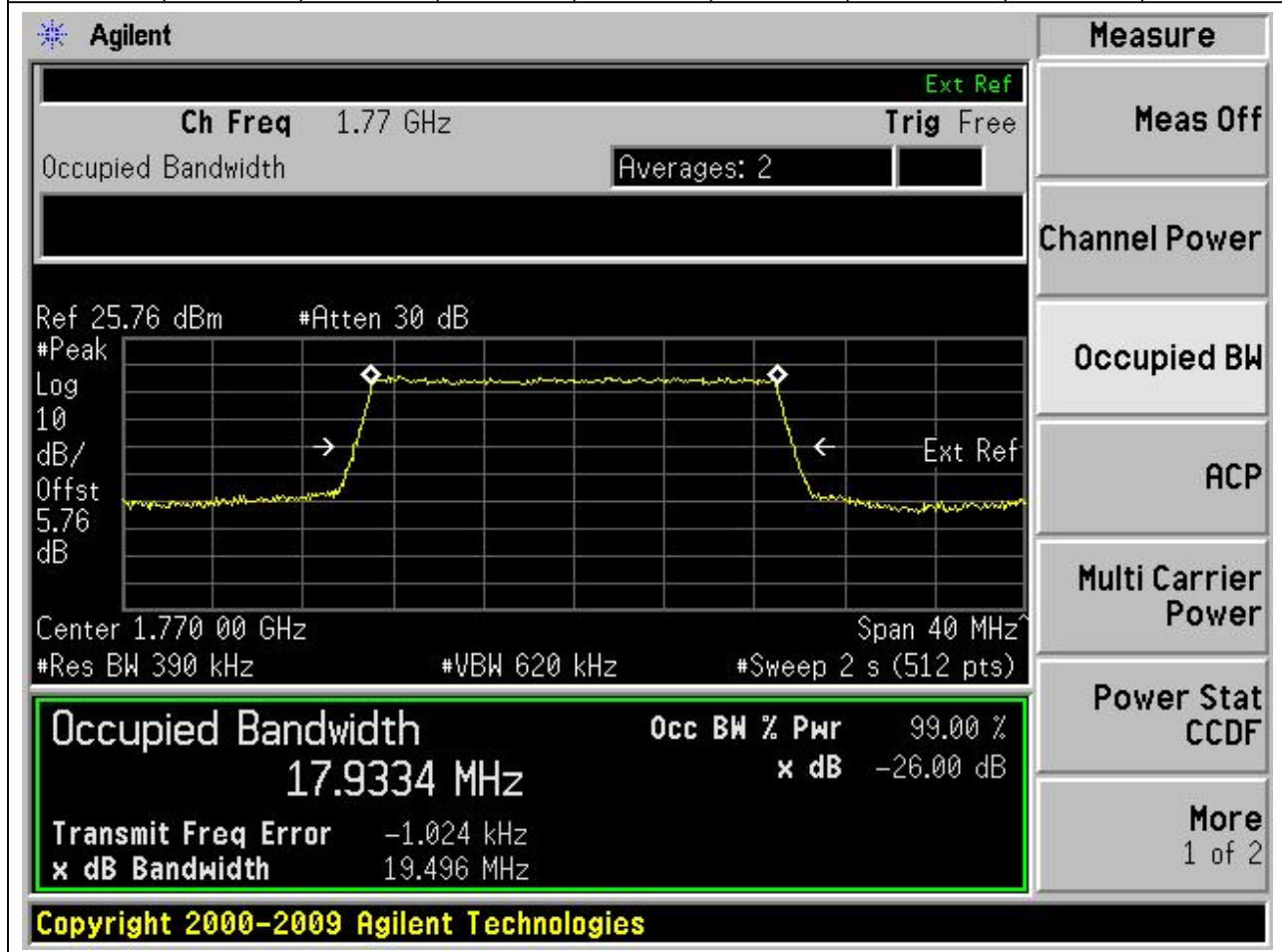


**4.70 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:132572, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)**

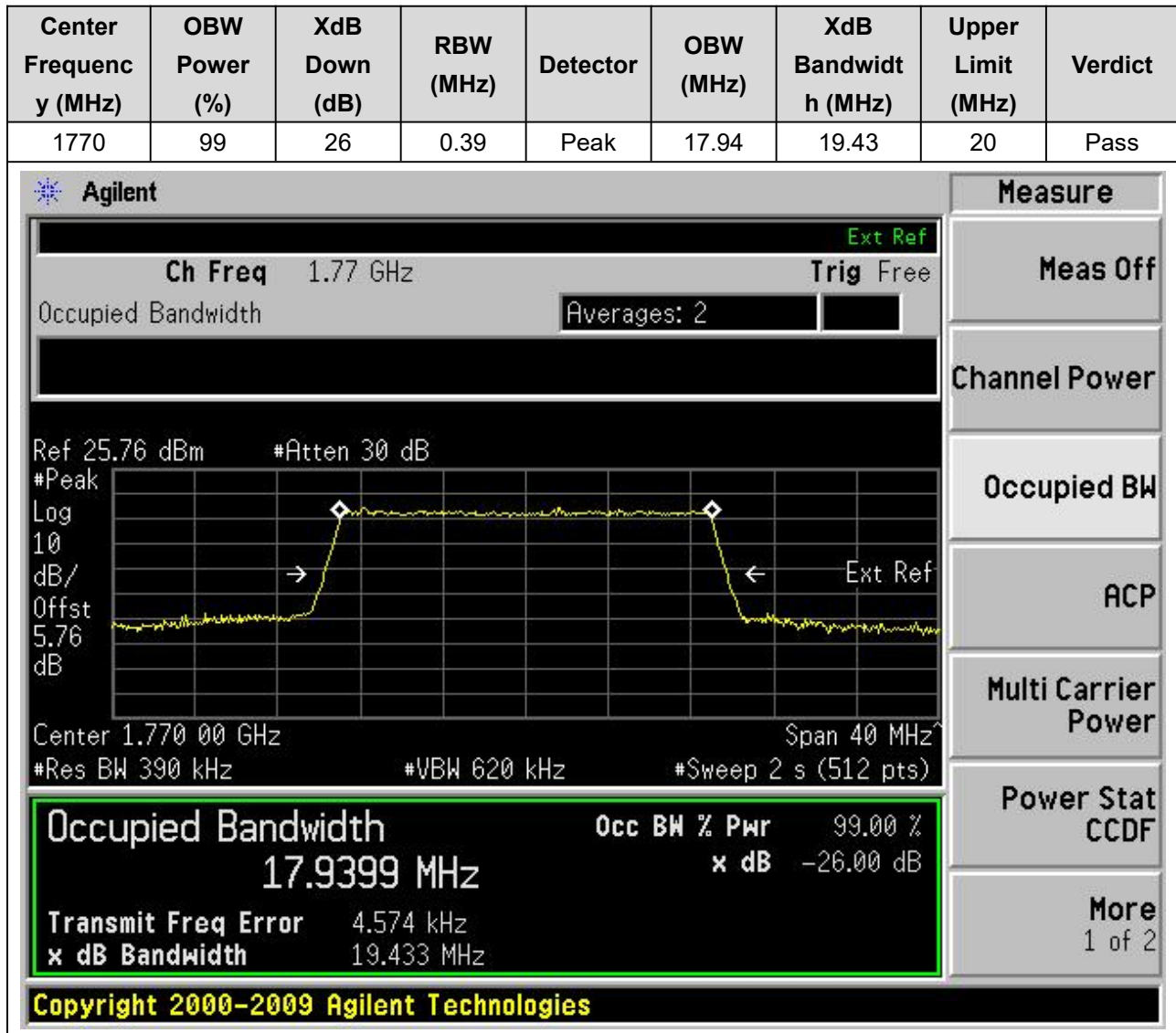


**4.71 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:132572, Bandwidth:20, Modulation:64QAM, RB Number:100, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1770                   | 99            | 26            | 0.39      | Peak     | 17.93     | 19.5                | 20                | Pass    |

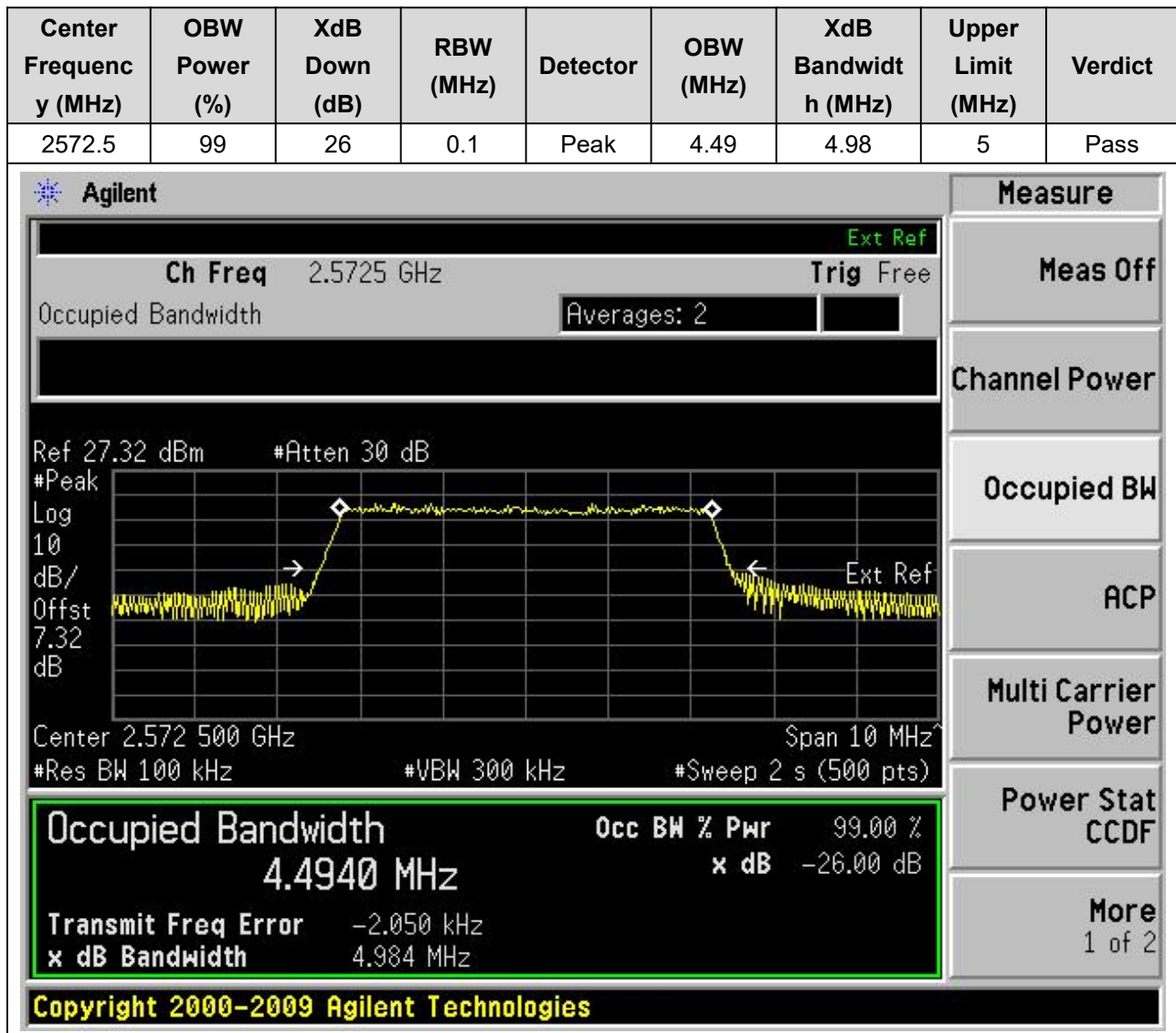


**4.72 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:132572, Bandwidth:20, Modulation:256QAM, RB Number:100, RB Position:0)**

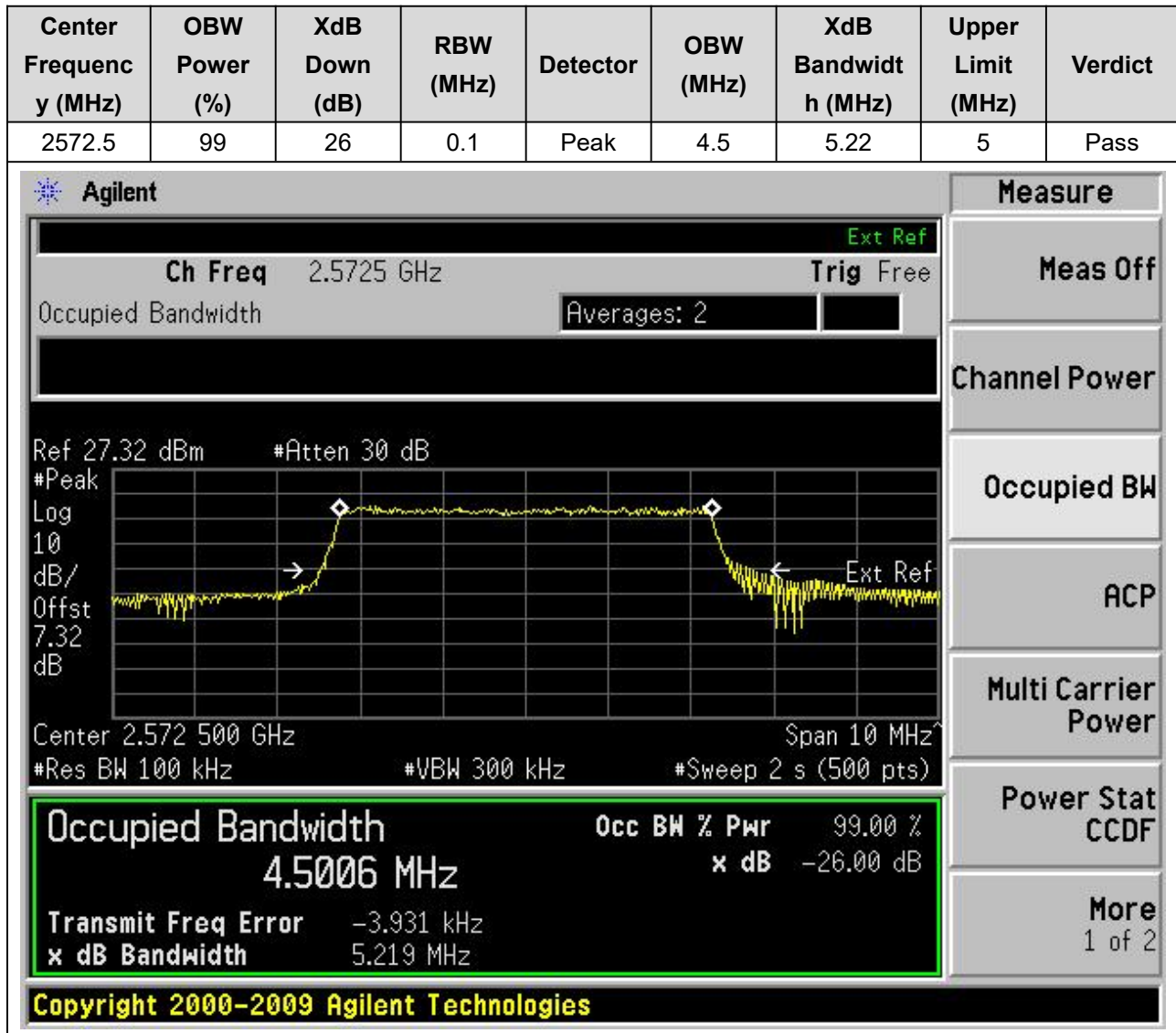


## 5. LTE\_Band38

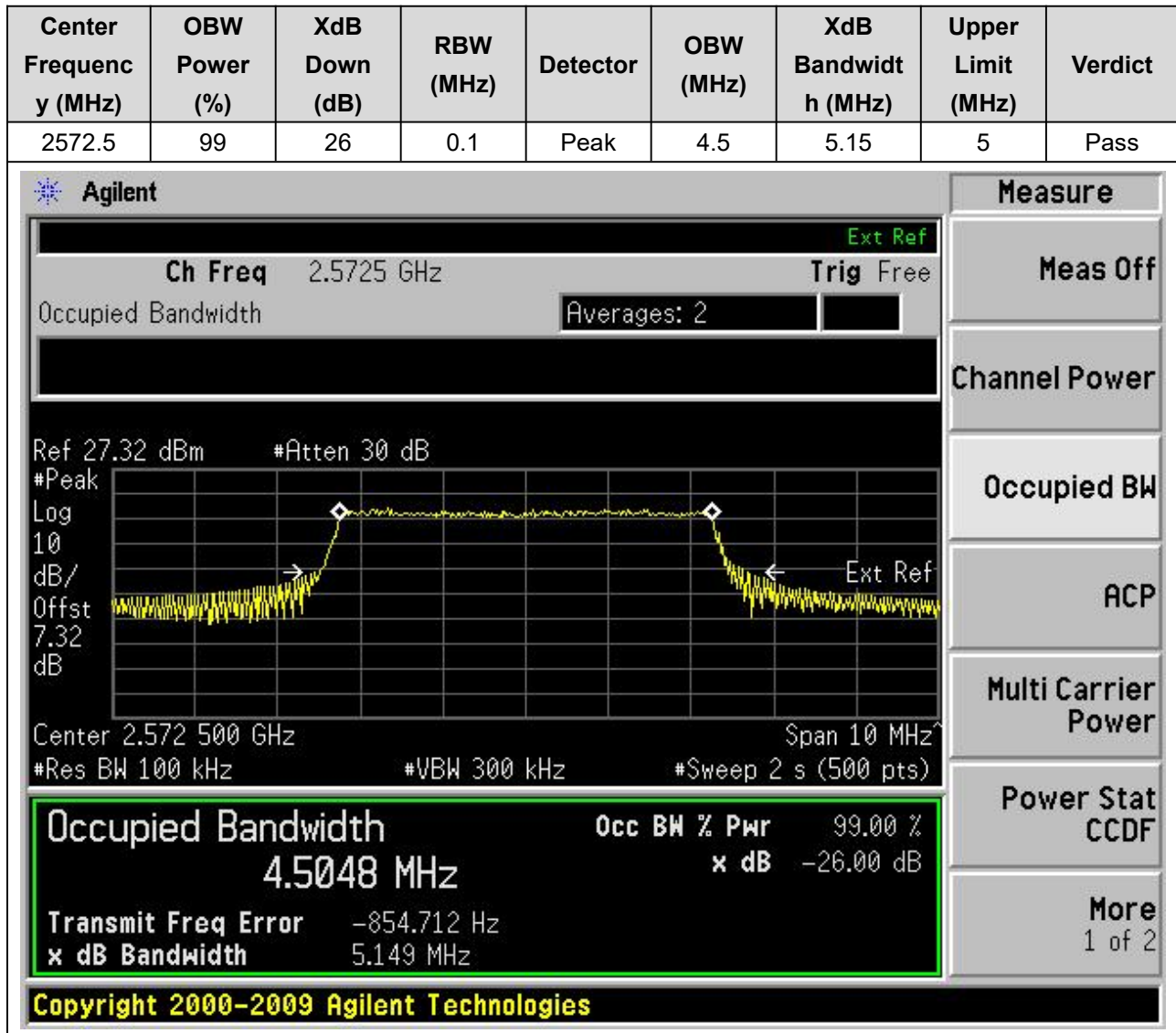
5.1 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:37775, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)



**5.2 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:37775, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)**

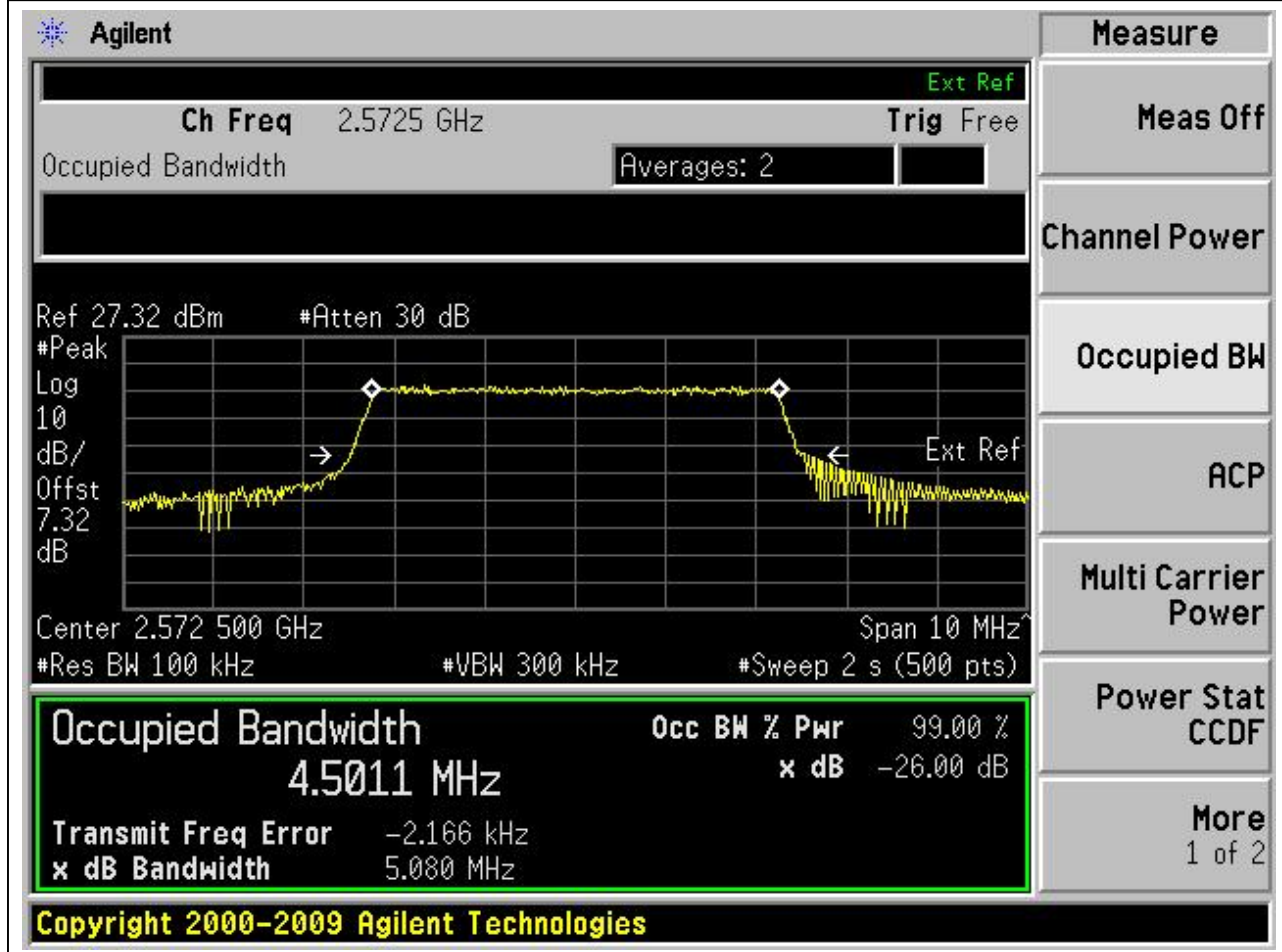


**5.3 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:37775, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)**

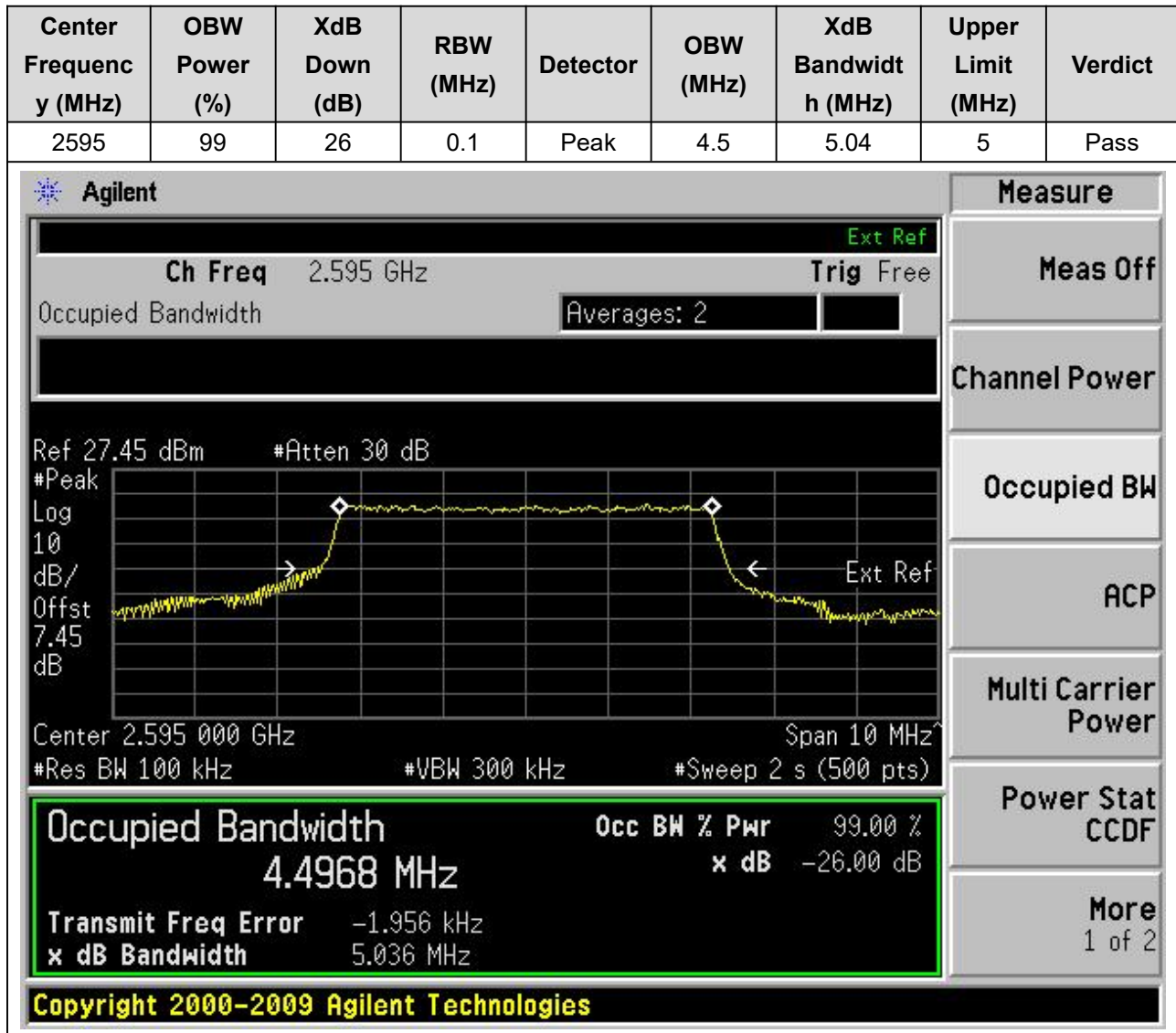


**5.4 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:37775, Bandwidth:5, Modulation:256QAM, RB Number:25, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2572.5                 | 99            | 26            | 0.1       | Peak     | 4.5       | 5.08                | 5                 | Pass    |

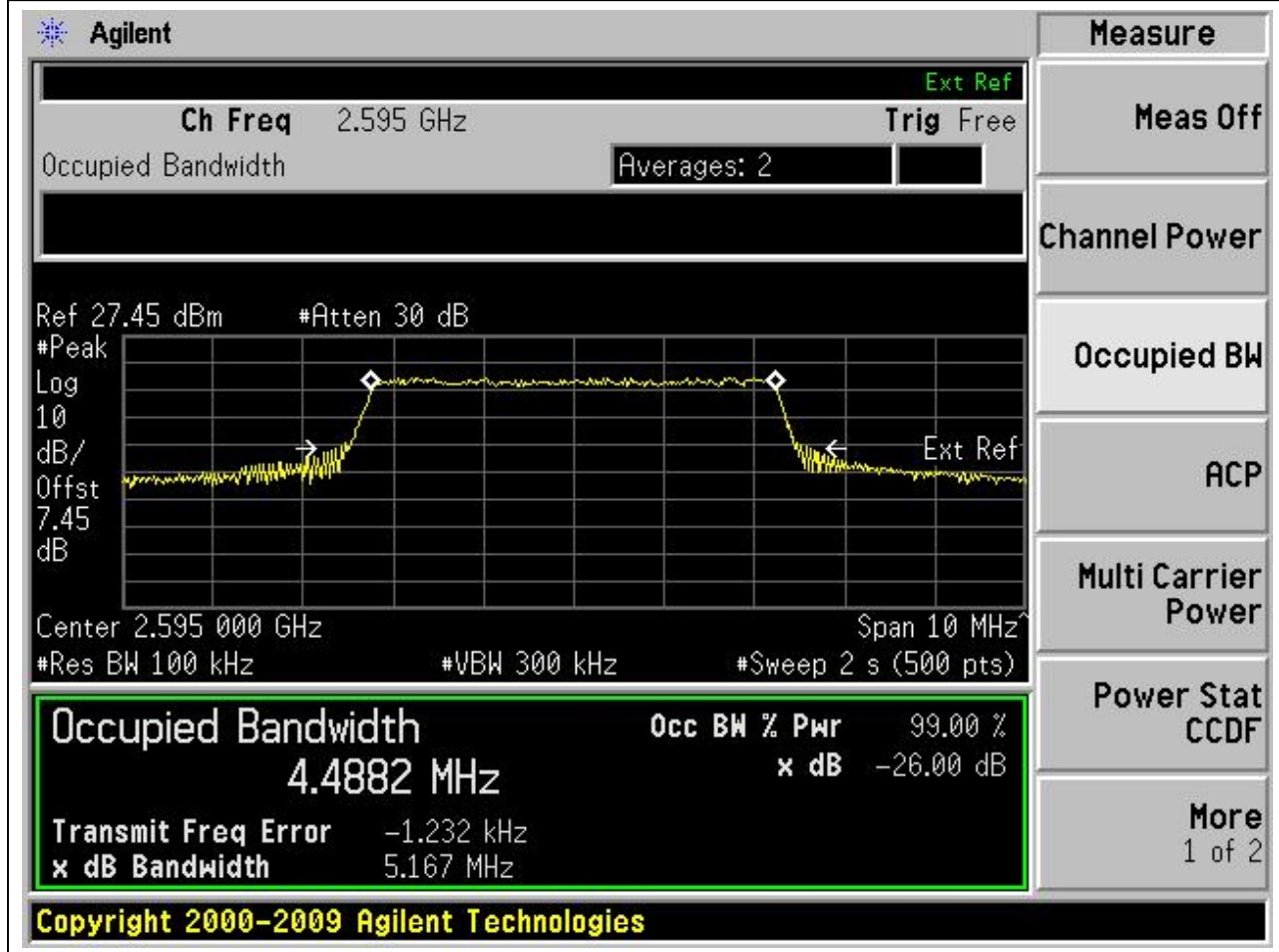


**5.5 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:38000, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)**



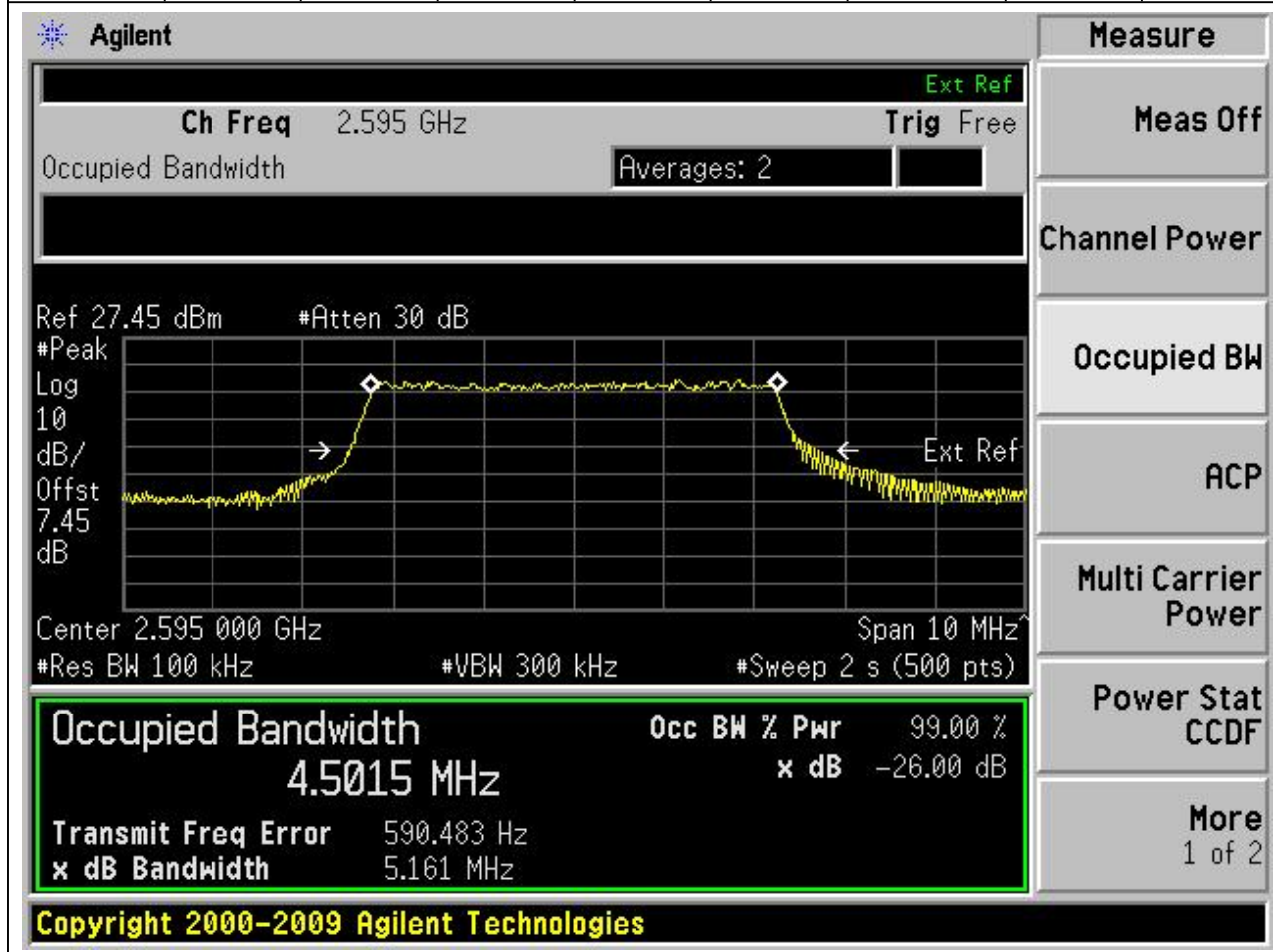
**5.6 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:38000, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2595                   | 99            | 26            | 0.1       | Peak     | 4.49      | 5.17                | 5                 | Pass    |

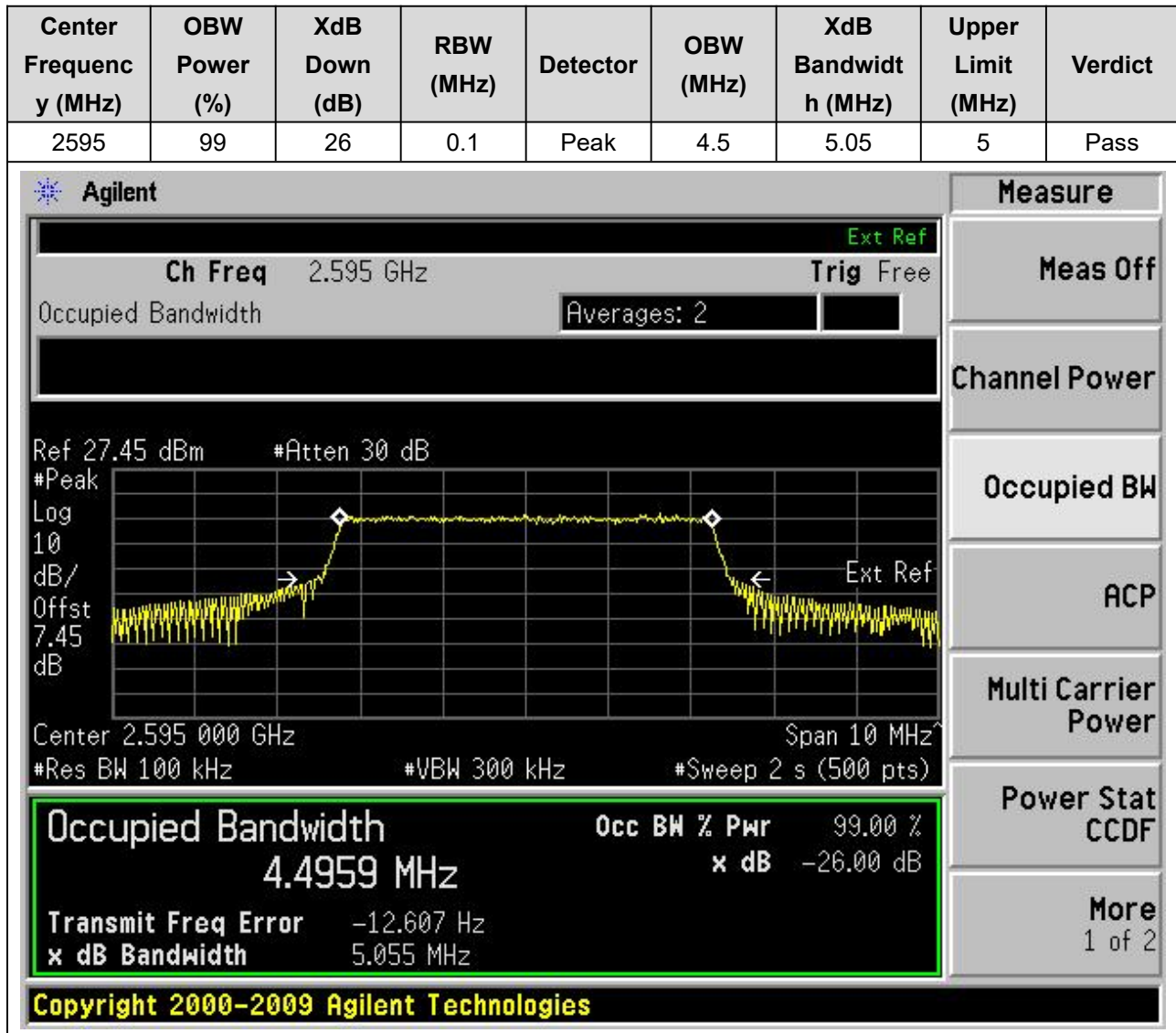


**5.7 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:38000, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)**

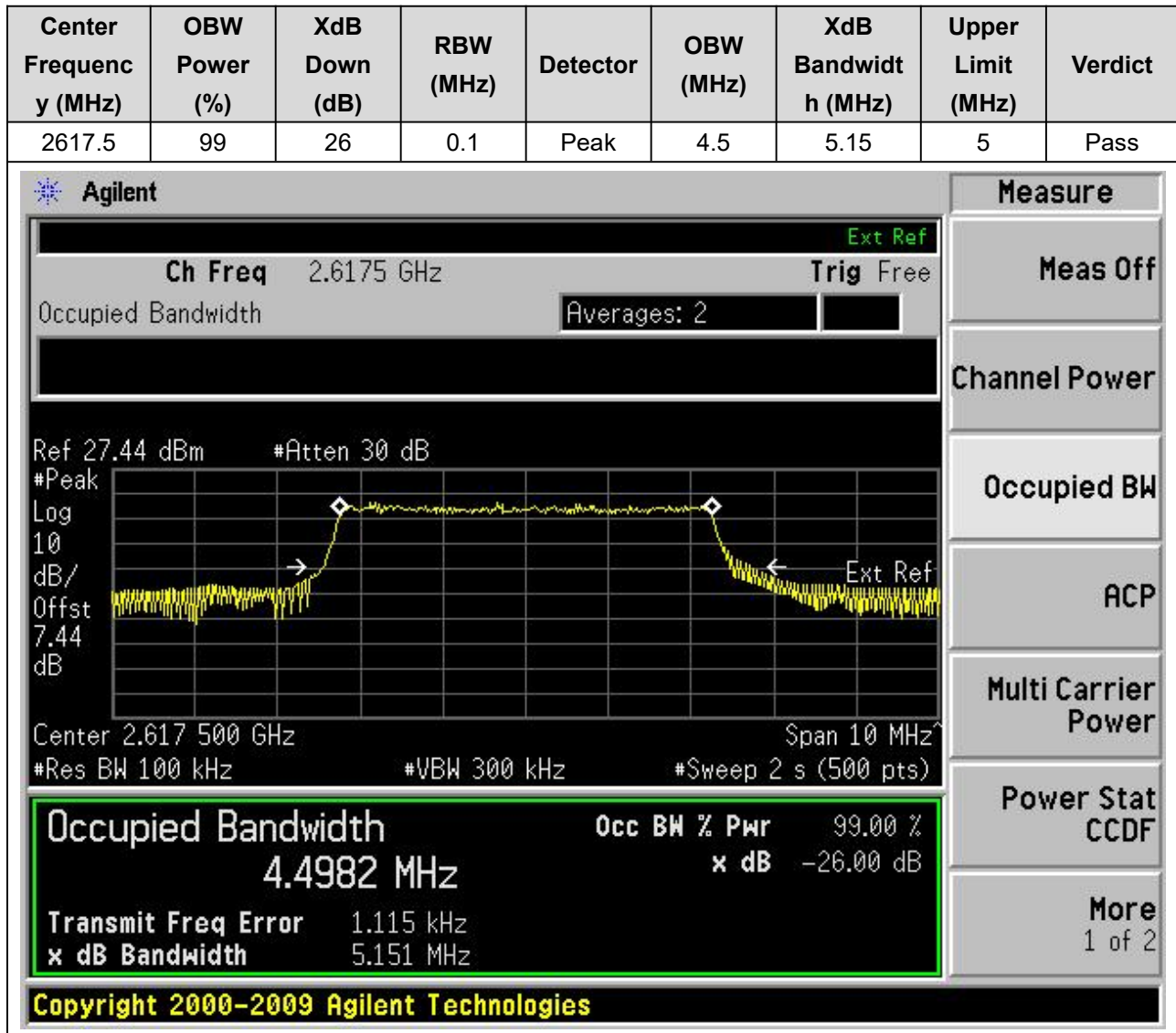
| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2595                   | 99            | 26            | 0.1       | Peak     | 4.5       | 5.16                | 5                 | Pass    |



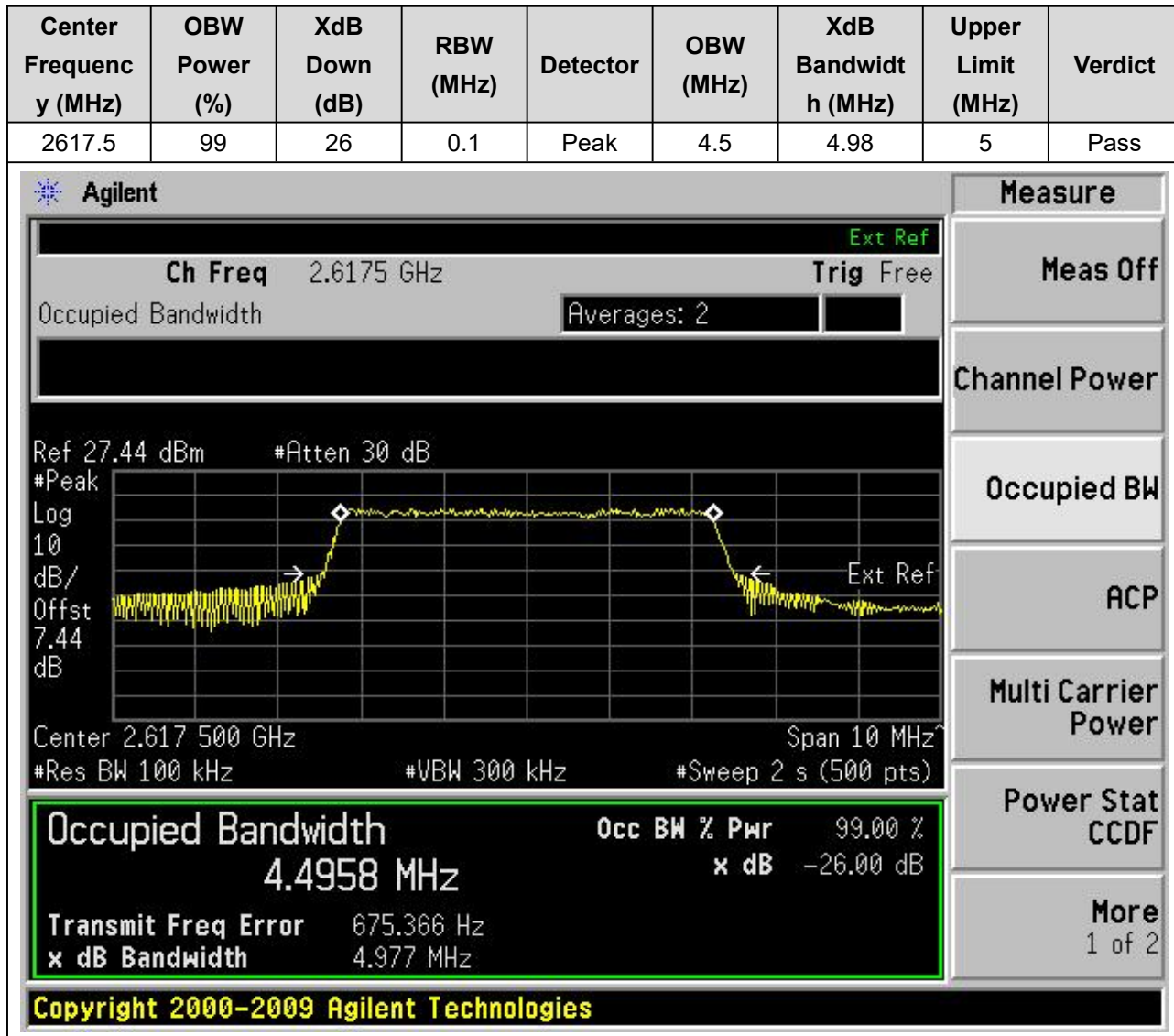
**5.8 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:38000, Bandwidth:5, Modulation:256QAM, RB Number:25, RB Position:0)**



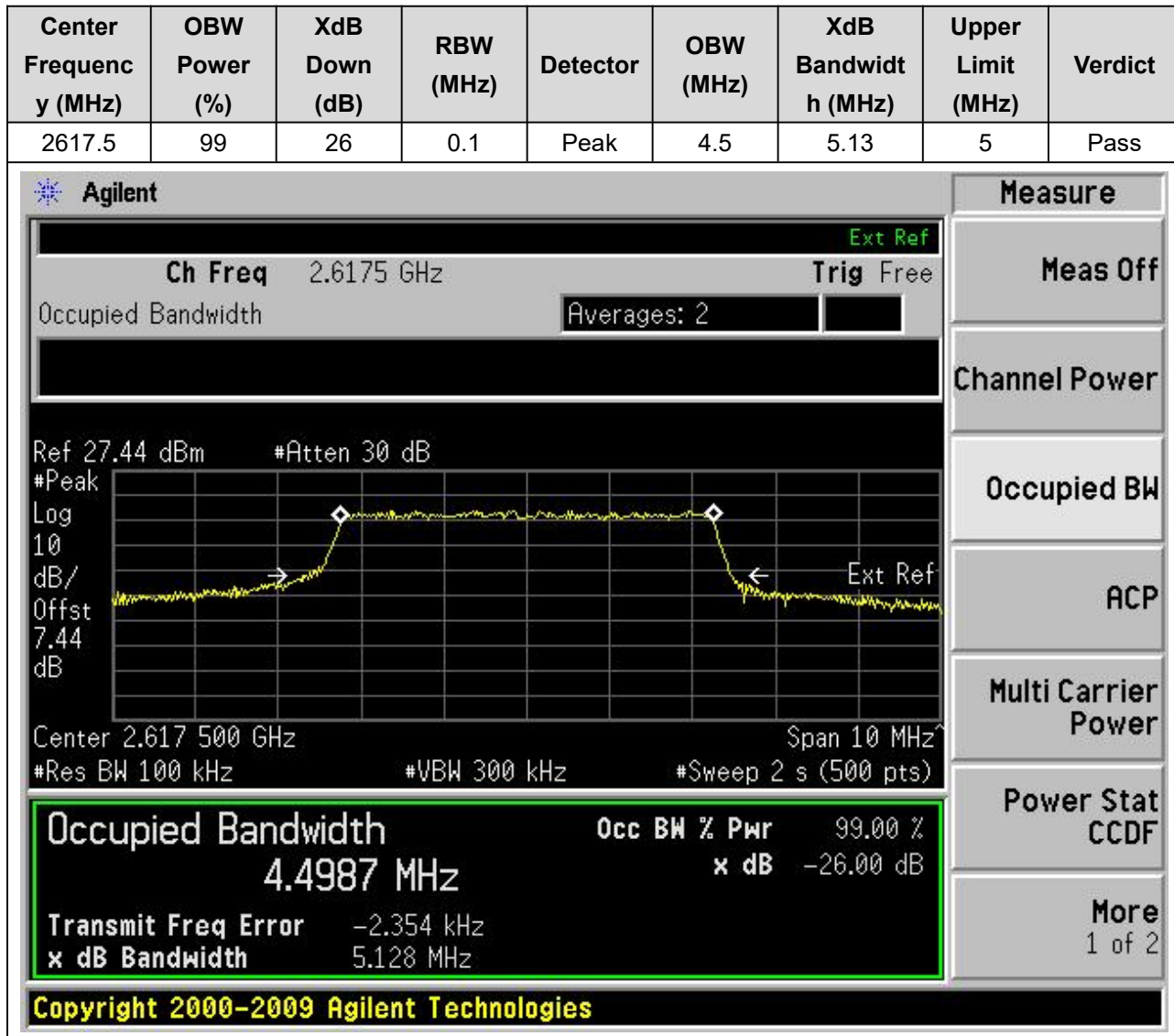
**5.9 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:38225, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)**



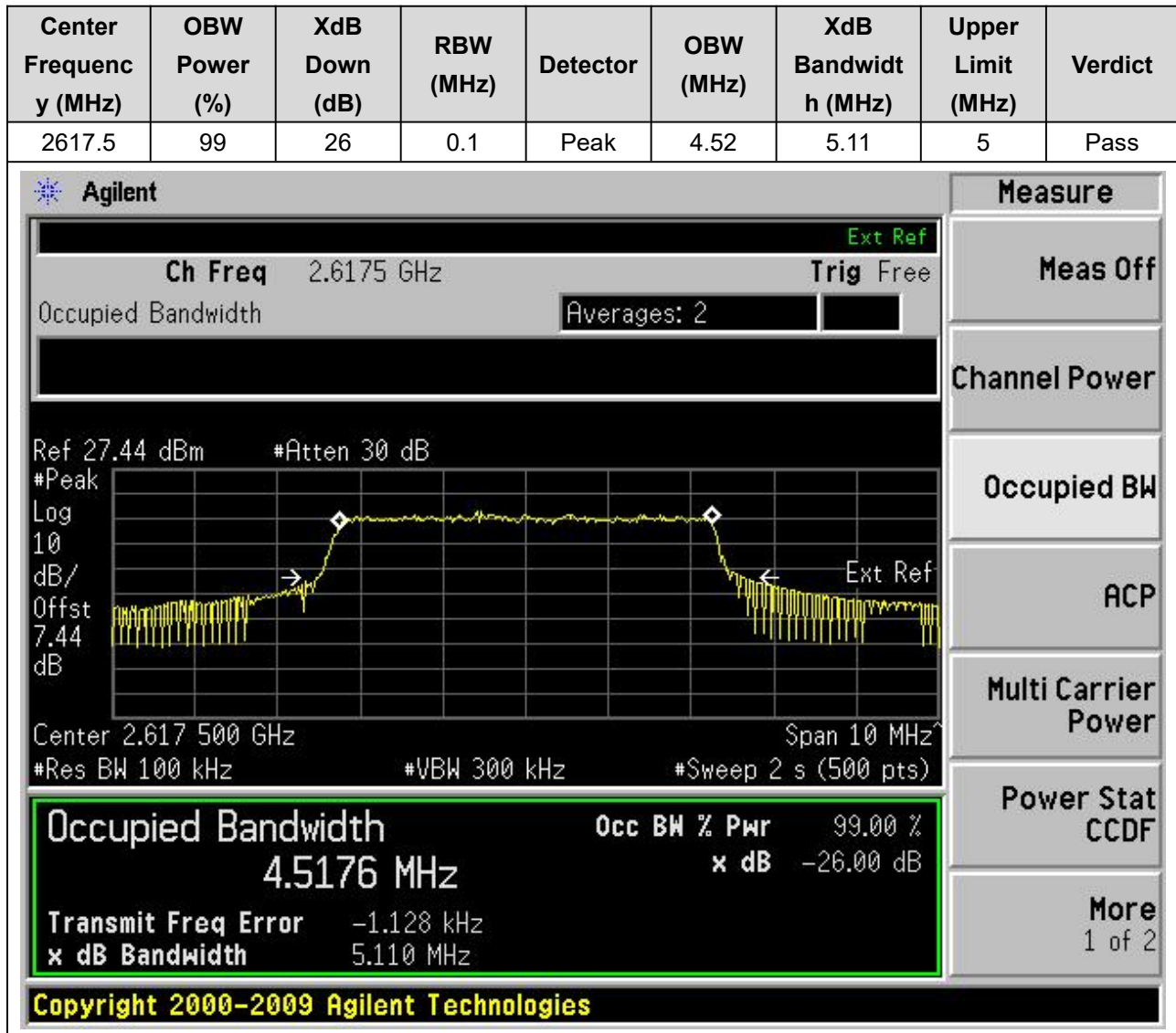
**5.10 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:38225, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)**



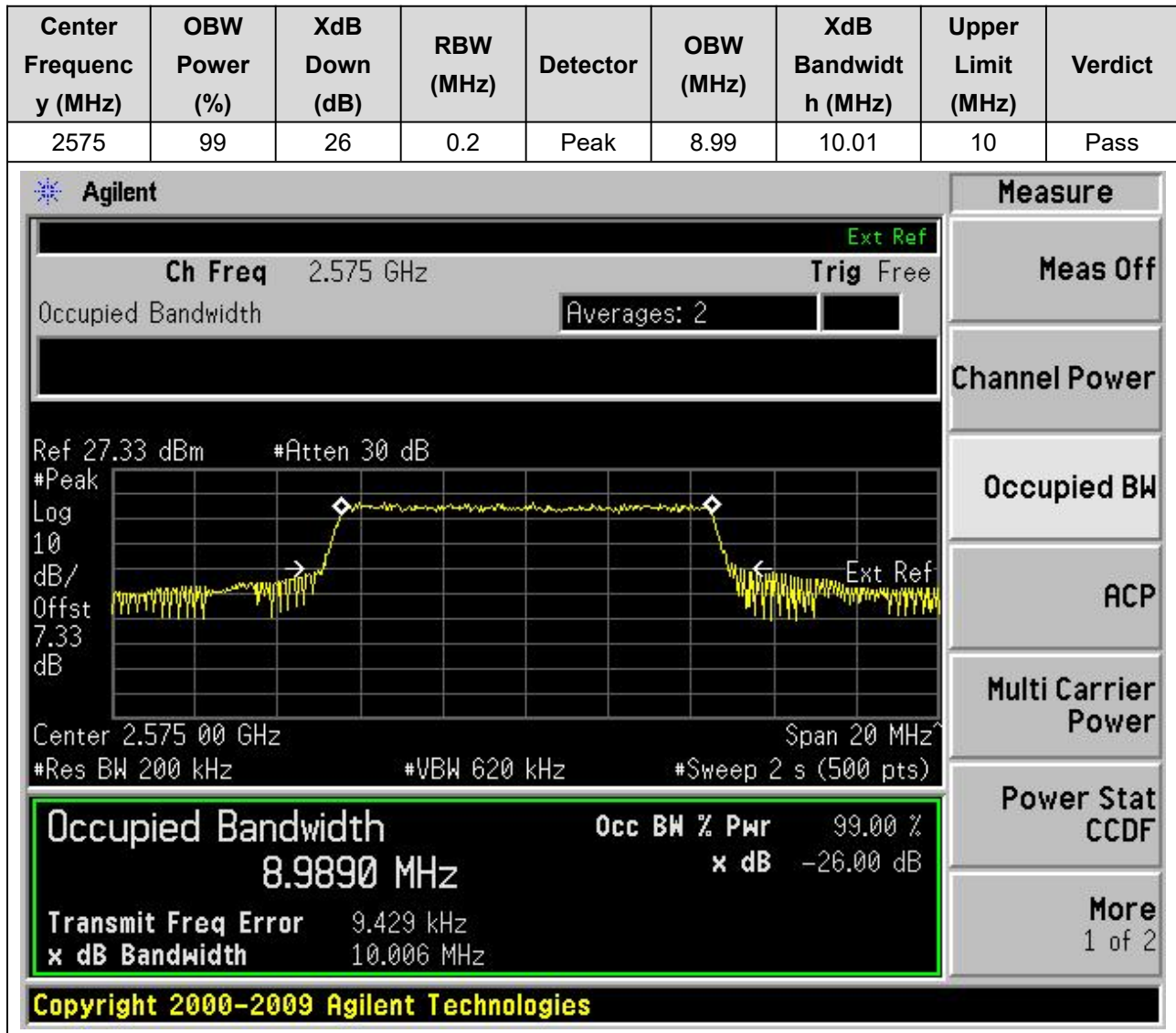
**5.11 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:38225, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)**



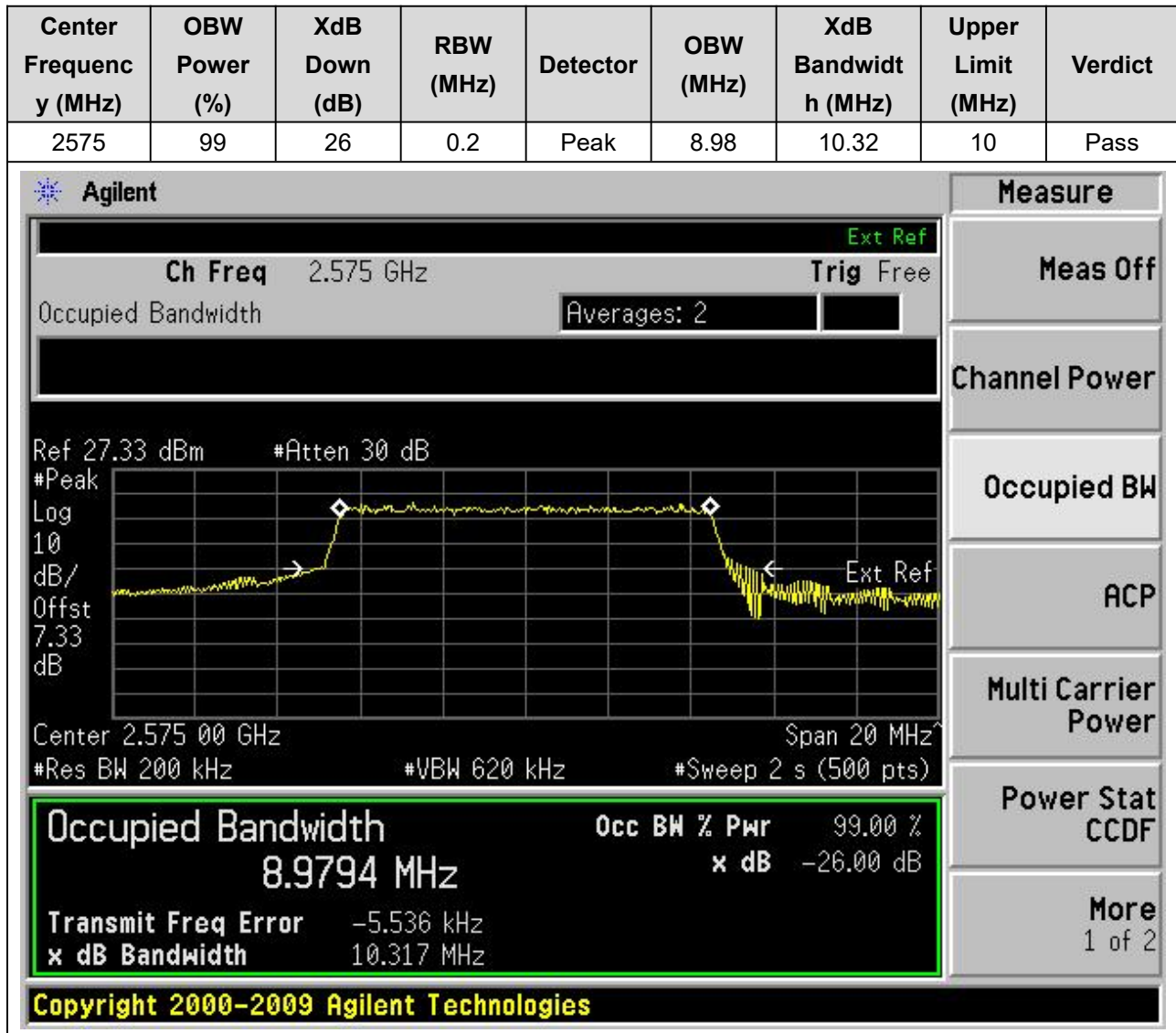
**5.12 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:38225, Bandwidth:5, Modulation:256QAM, RB Number:25, RB Position:0)**



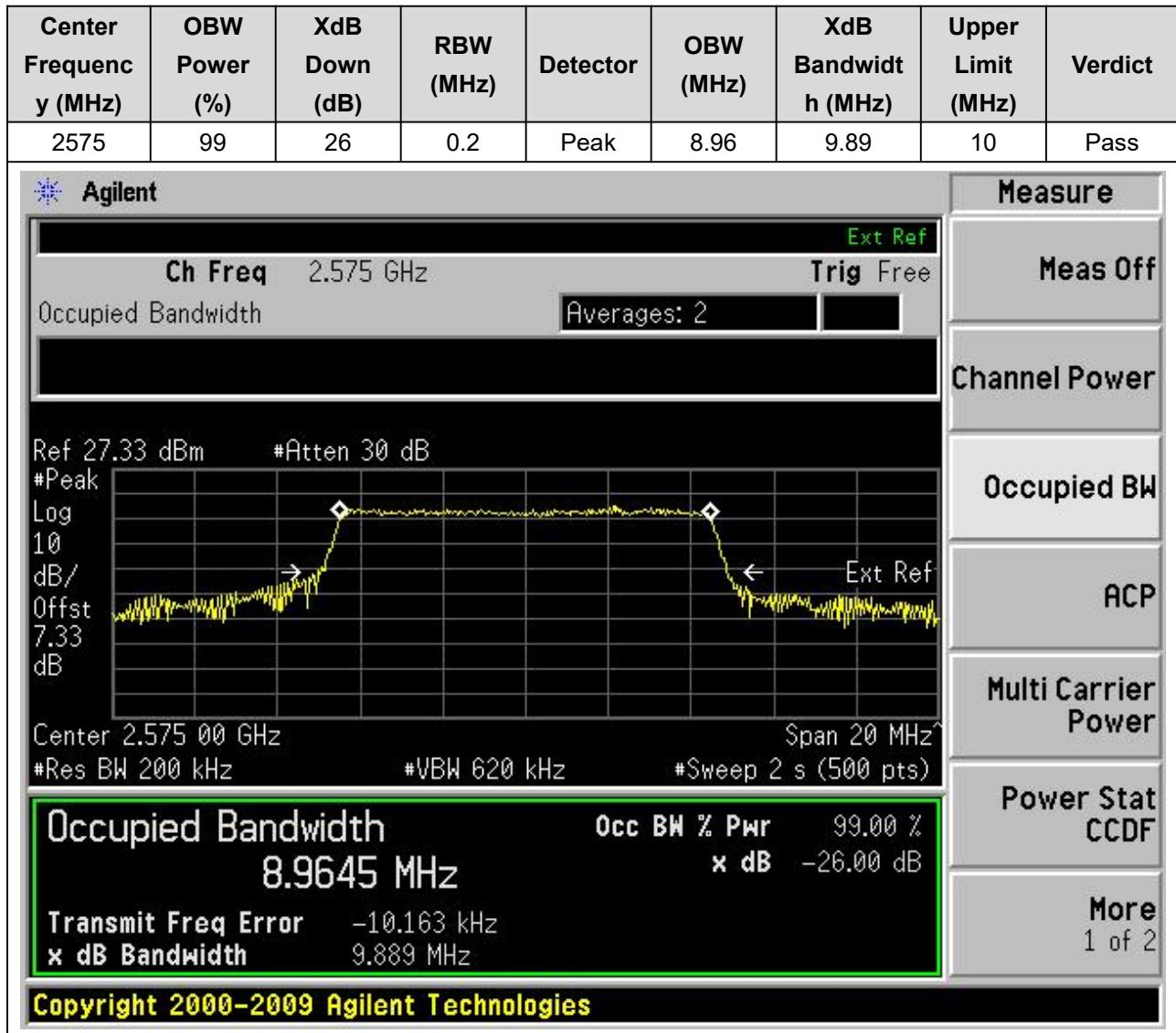
5.13 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:37800, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)



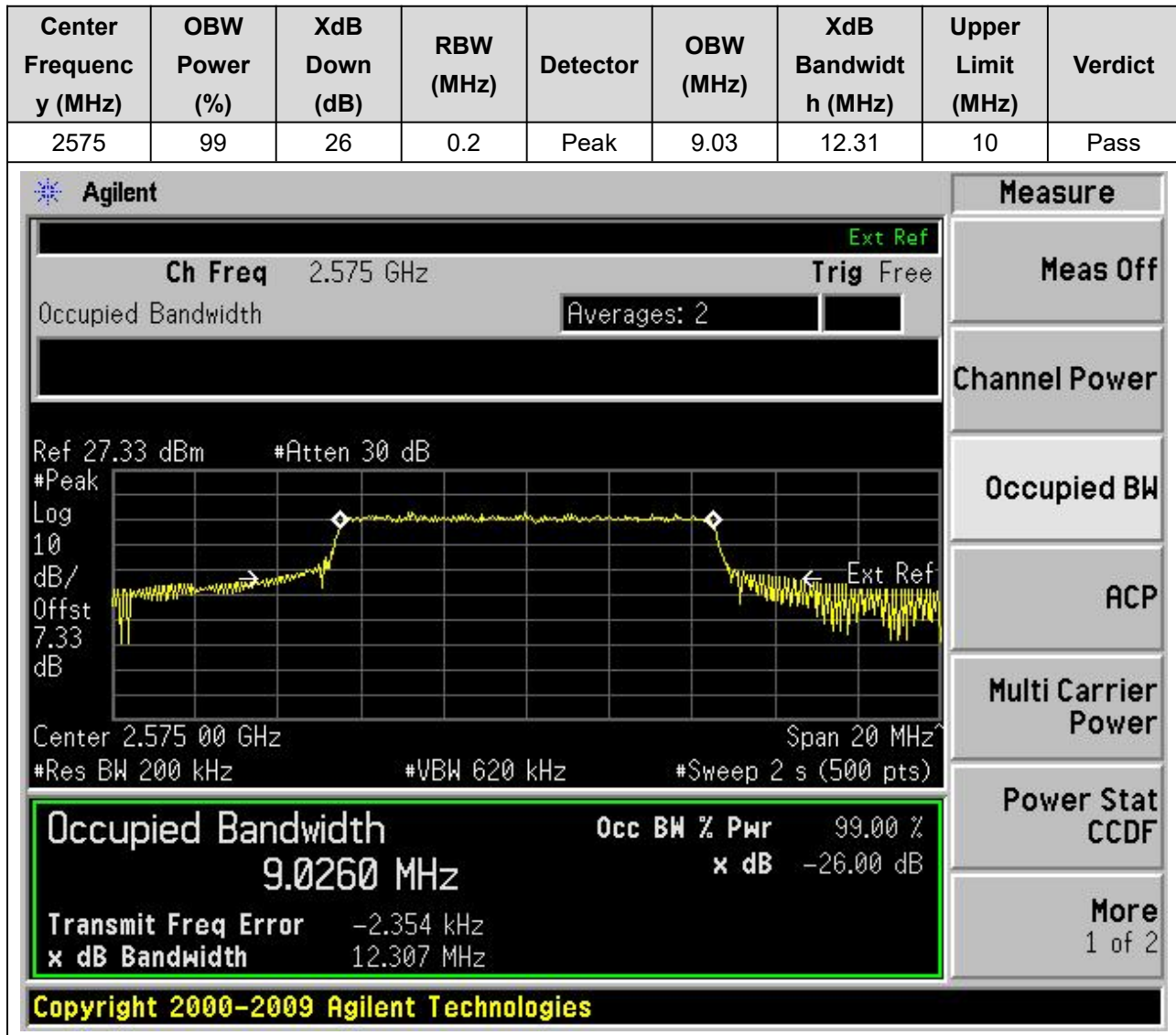
**5.14 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:37800, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)**



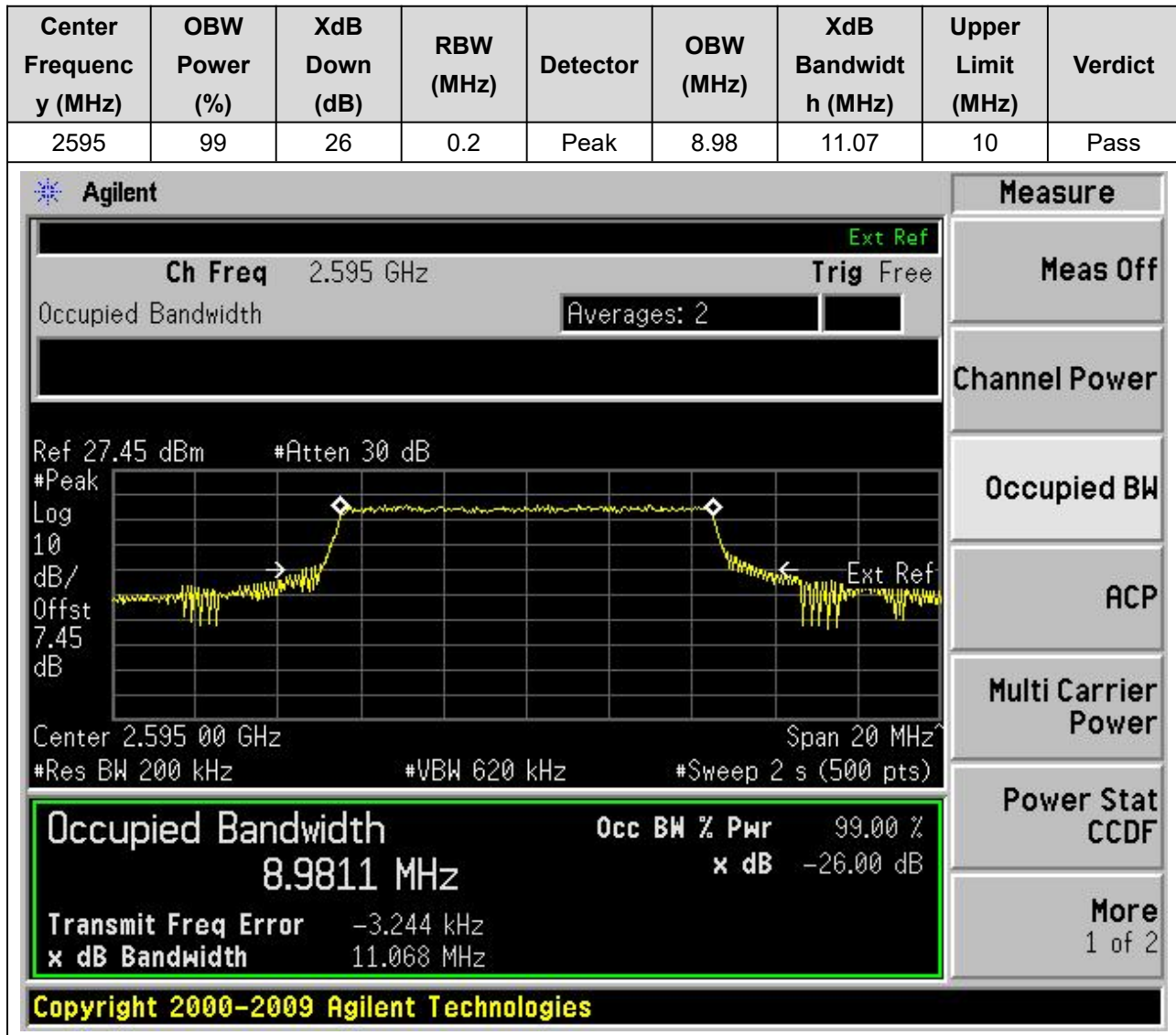
**5.15 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:37800, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)**



**5.16 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:37800, Bandwidth:10, Modulation:256QAM, RB Number:50, RB Position:0)**

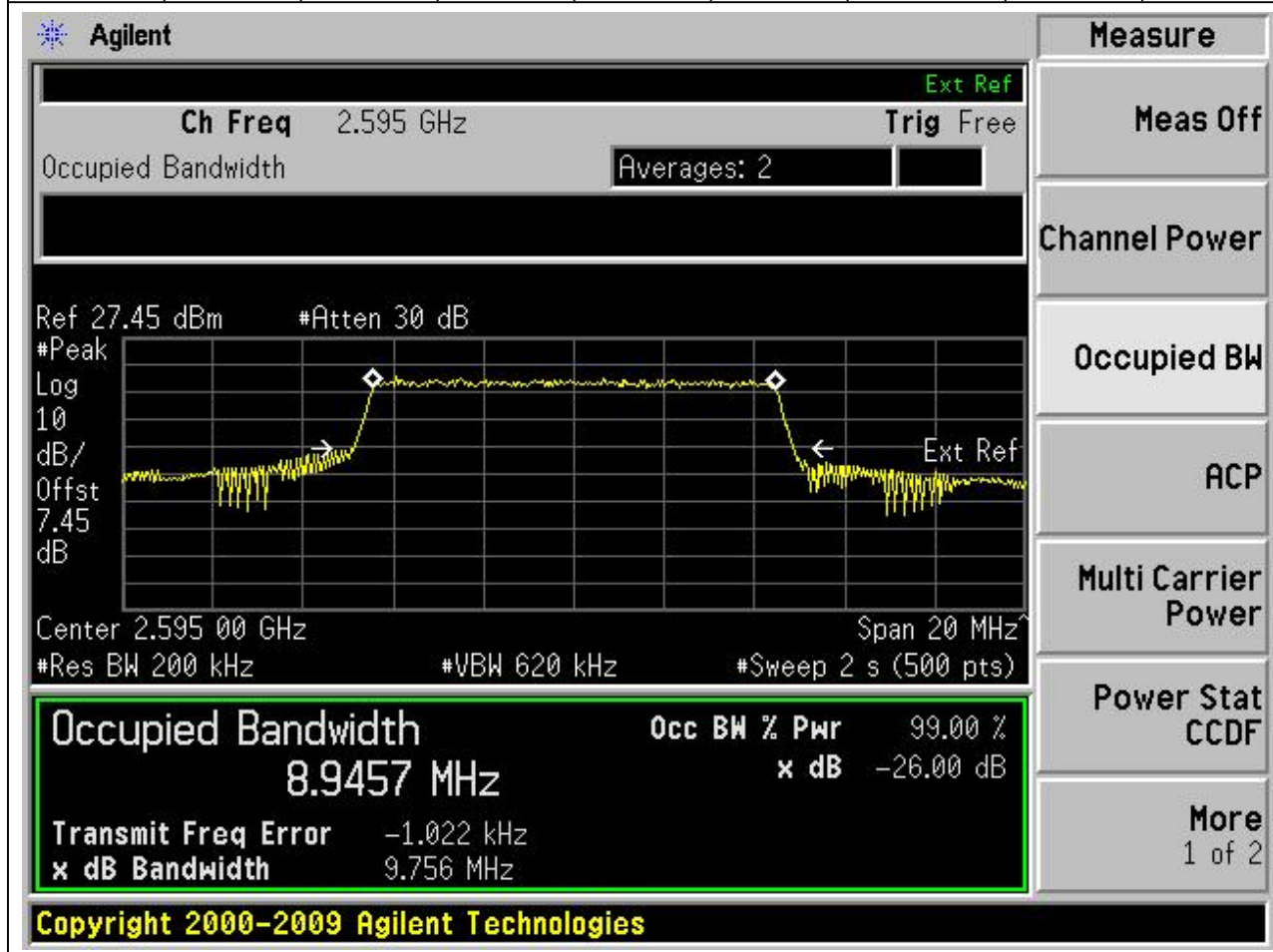


**5.17 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:38000, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)**

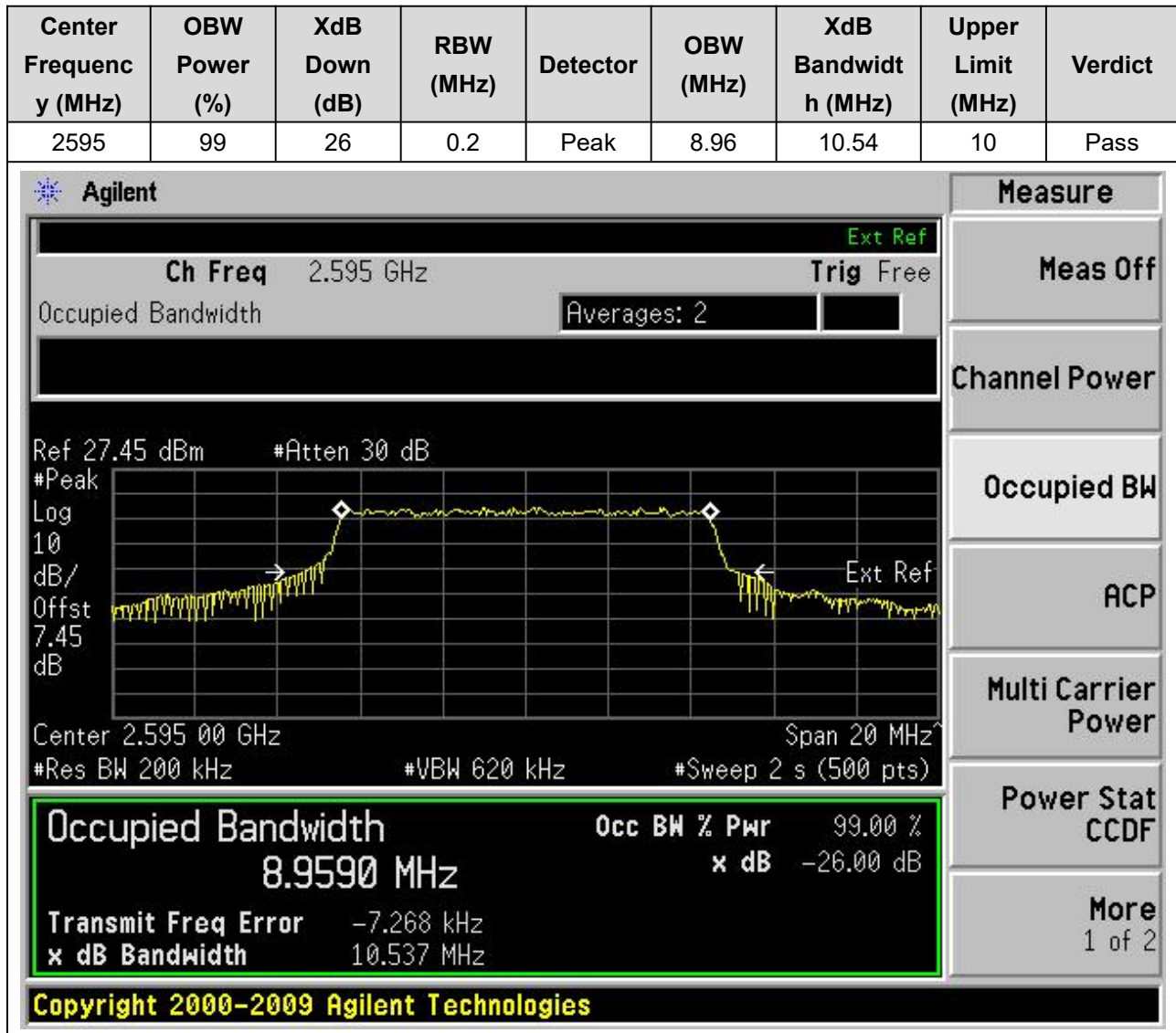


**5.18 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:38000, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)**

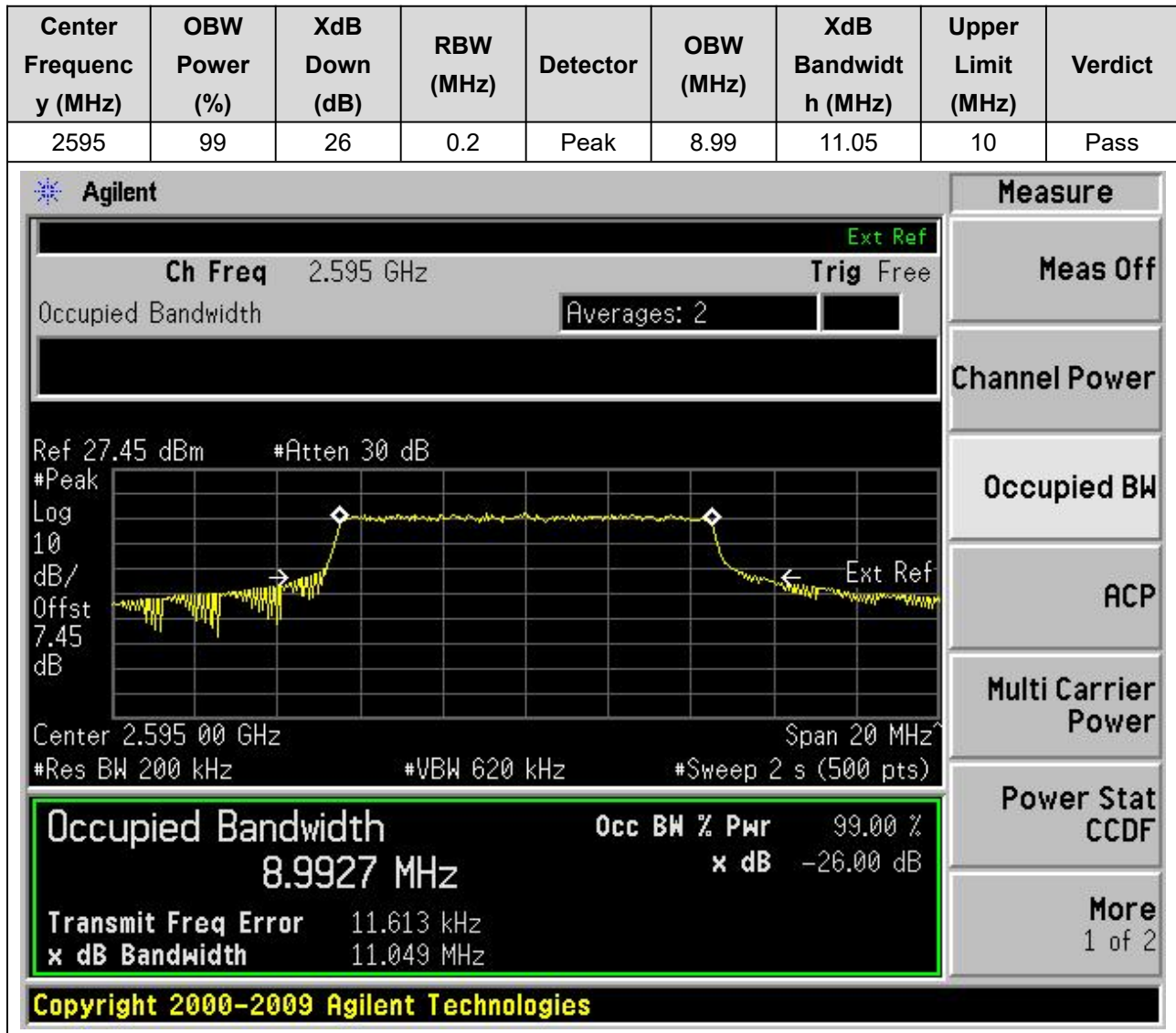
| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2595                   | 99            | 26            | 0.2       | Peak     | 8.95      | 9.76                | 10                | Pass    |



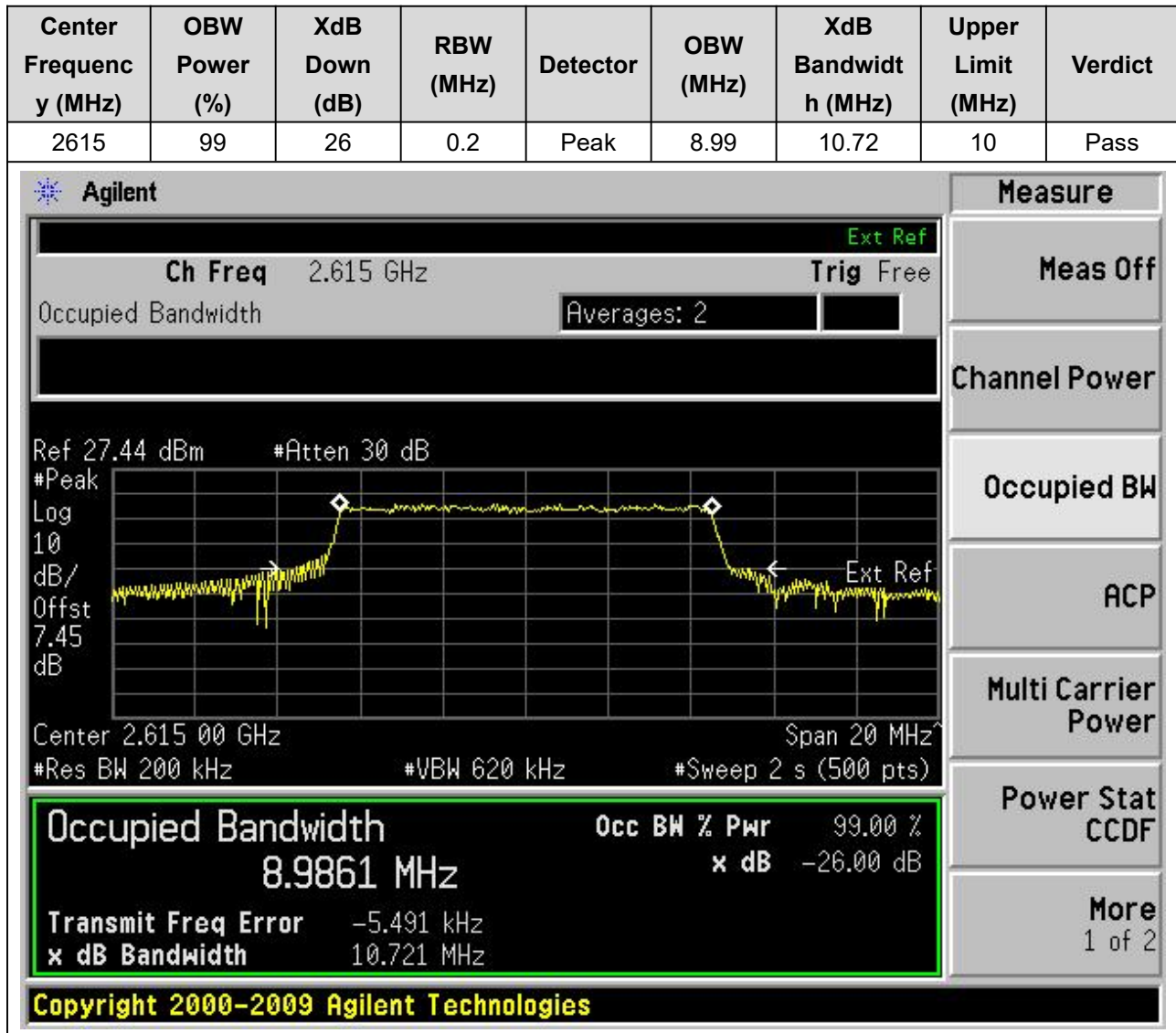
**5.19 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:38000, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)**



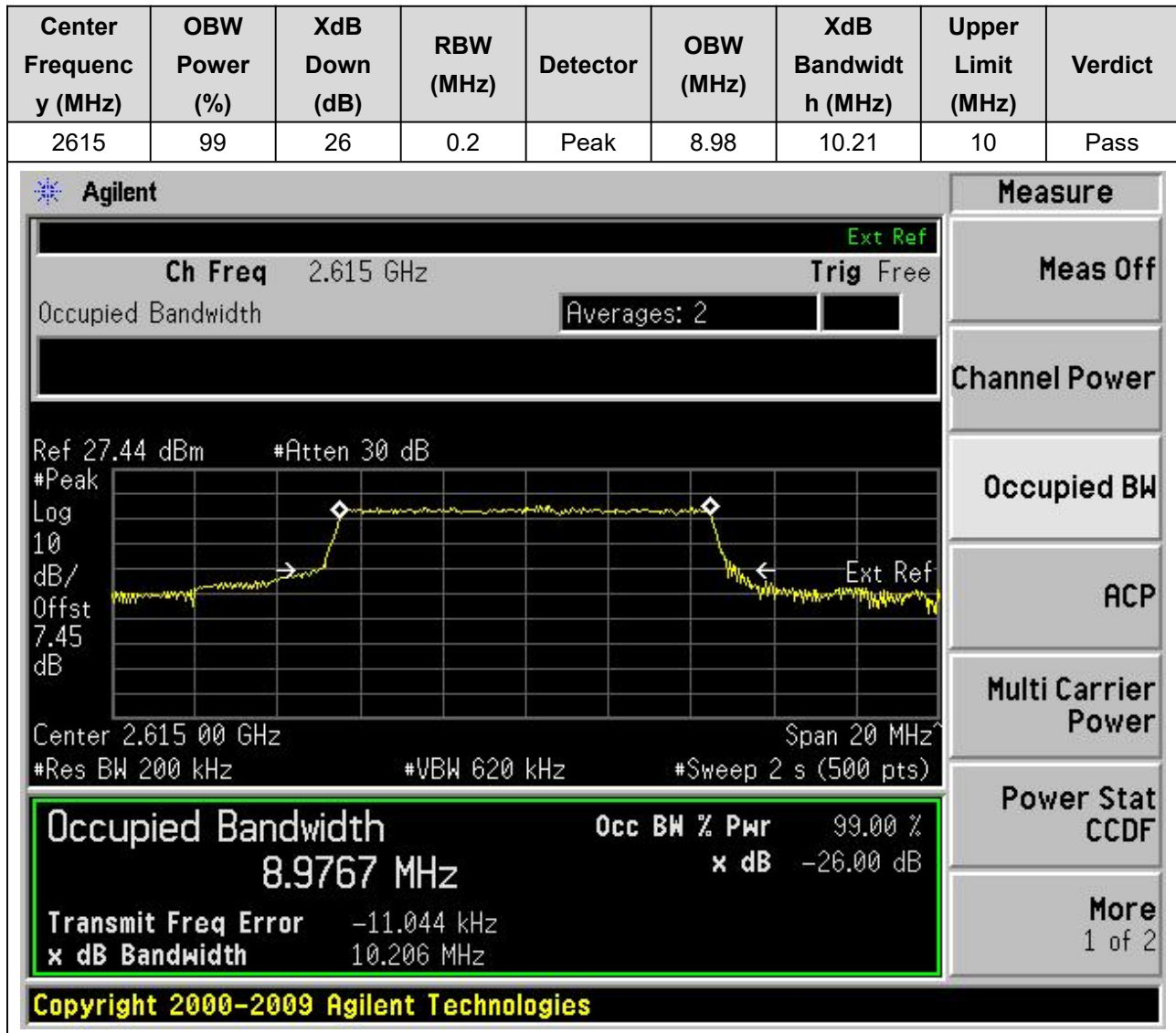
**5.20 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:38000, Bandwidth:10, Modulation:256QAM, RB Number:50, RB Position:0)**



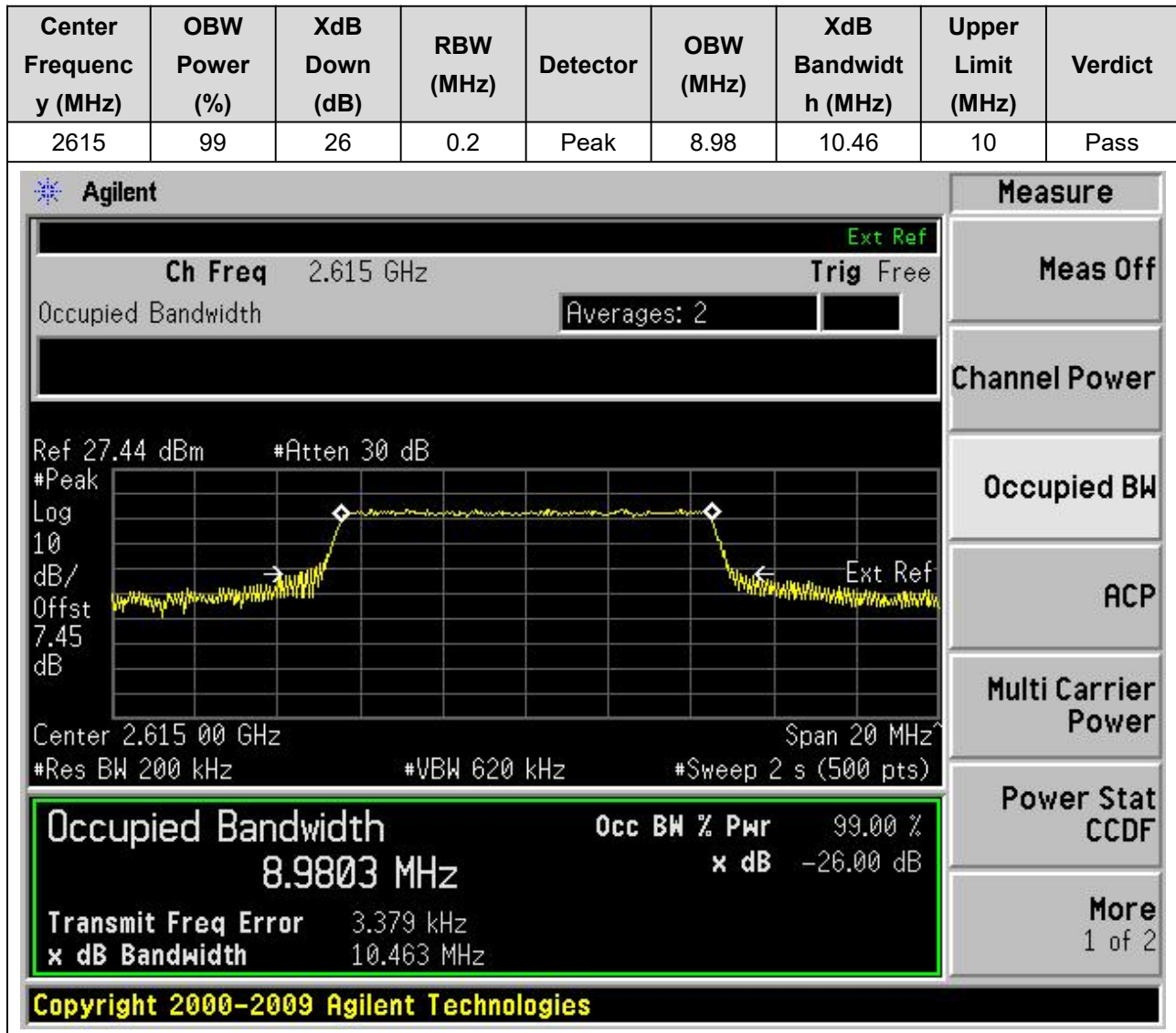
**5.21 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:38200, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)**



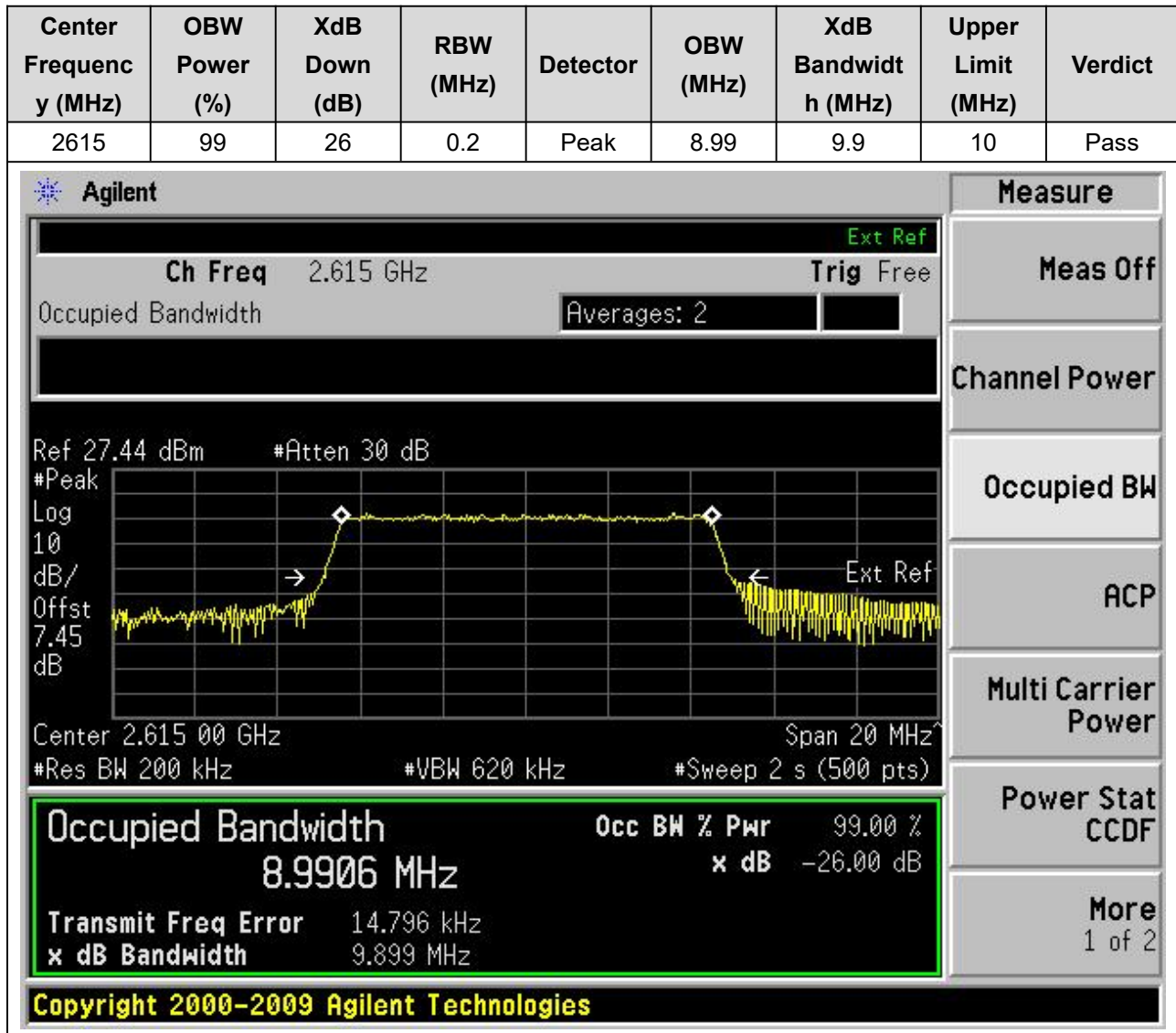
**5.22 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:38200, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)**



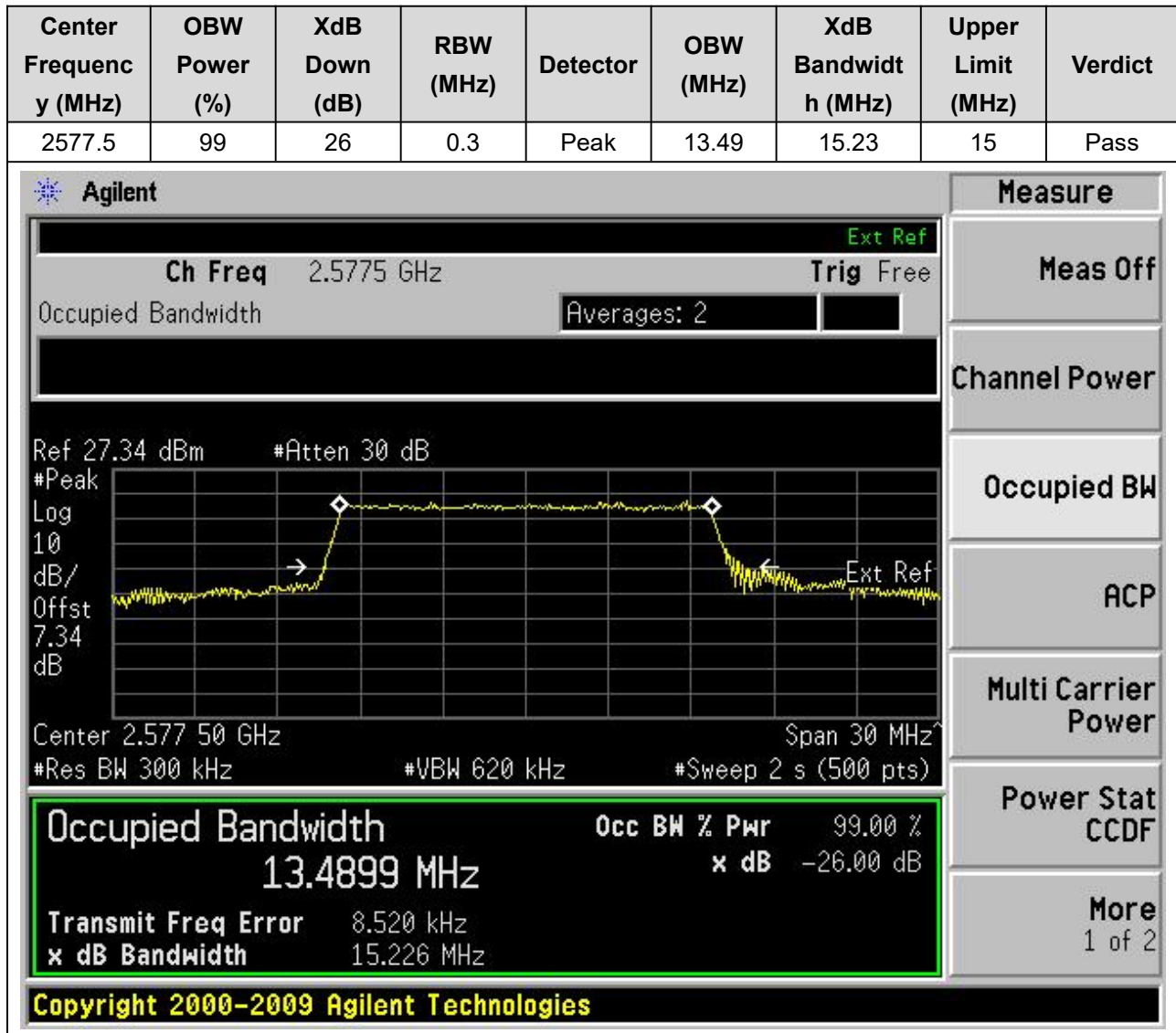
**5.23 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:38200, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)**



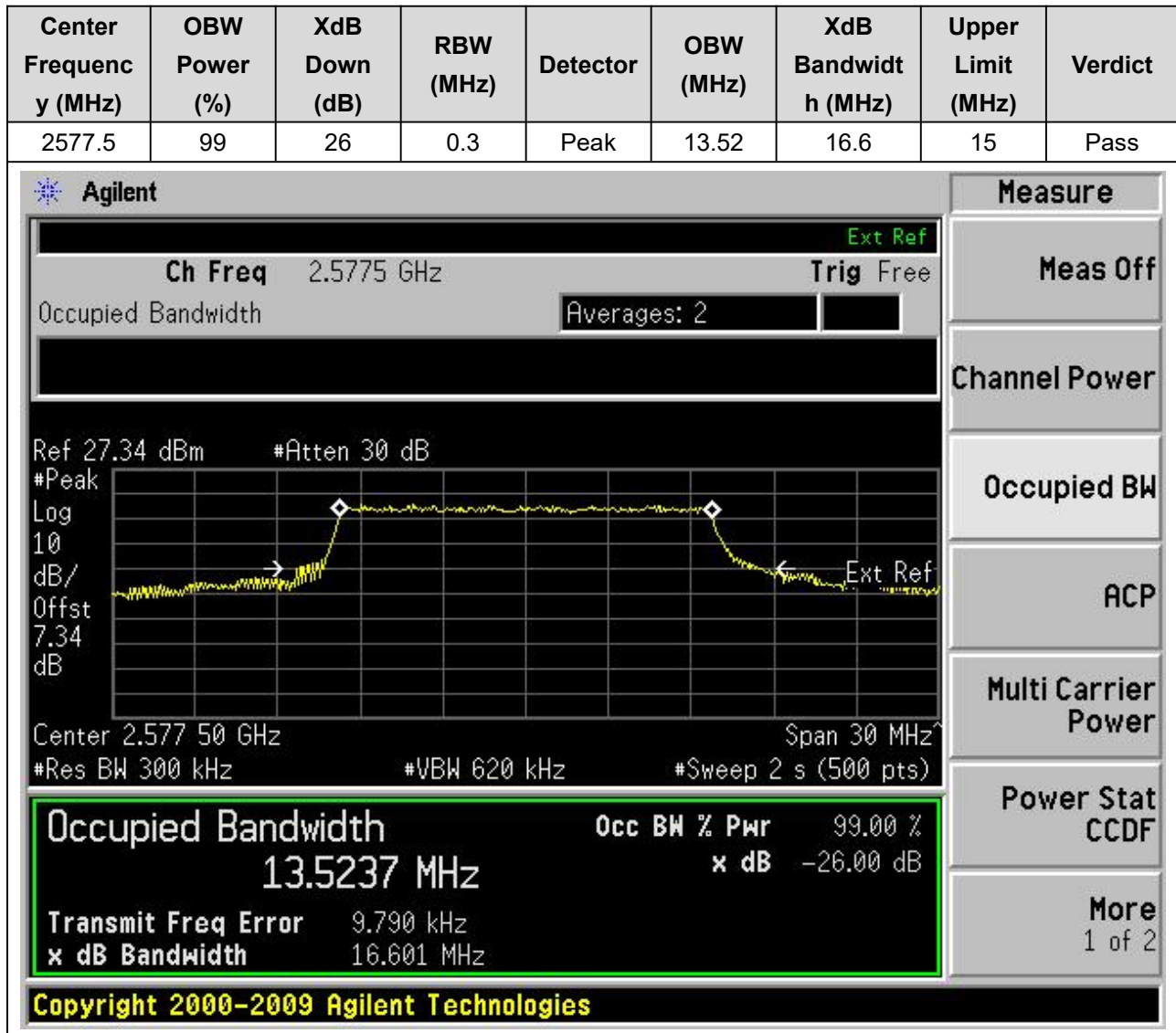
**5.24 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:38200, Bandwidth:10, Modulation:256QAM, RB Number:50, RB Position:0)**



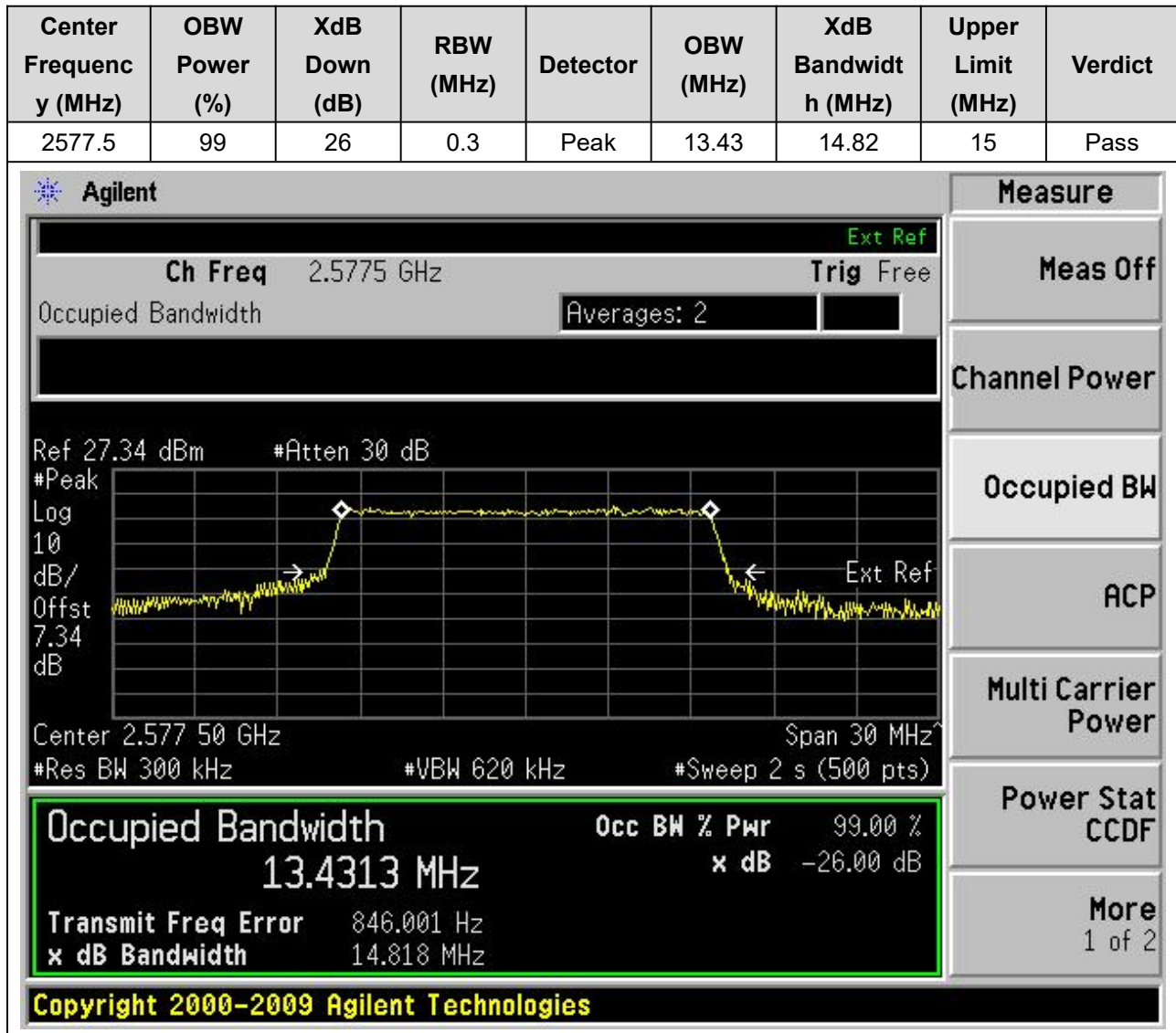
**5.25 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:37825, Bandwidth:15, Modulation:QPSK, RB Number:75, RB Position:0)**



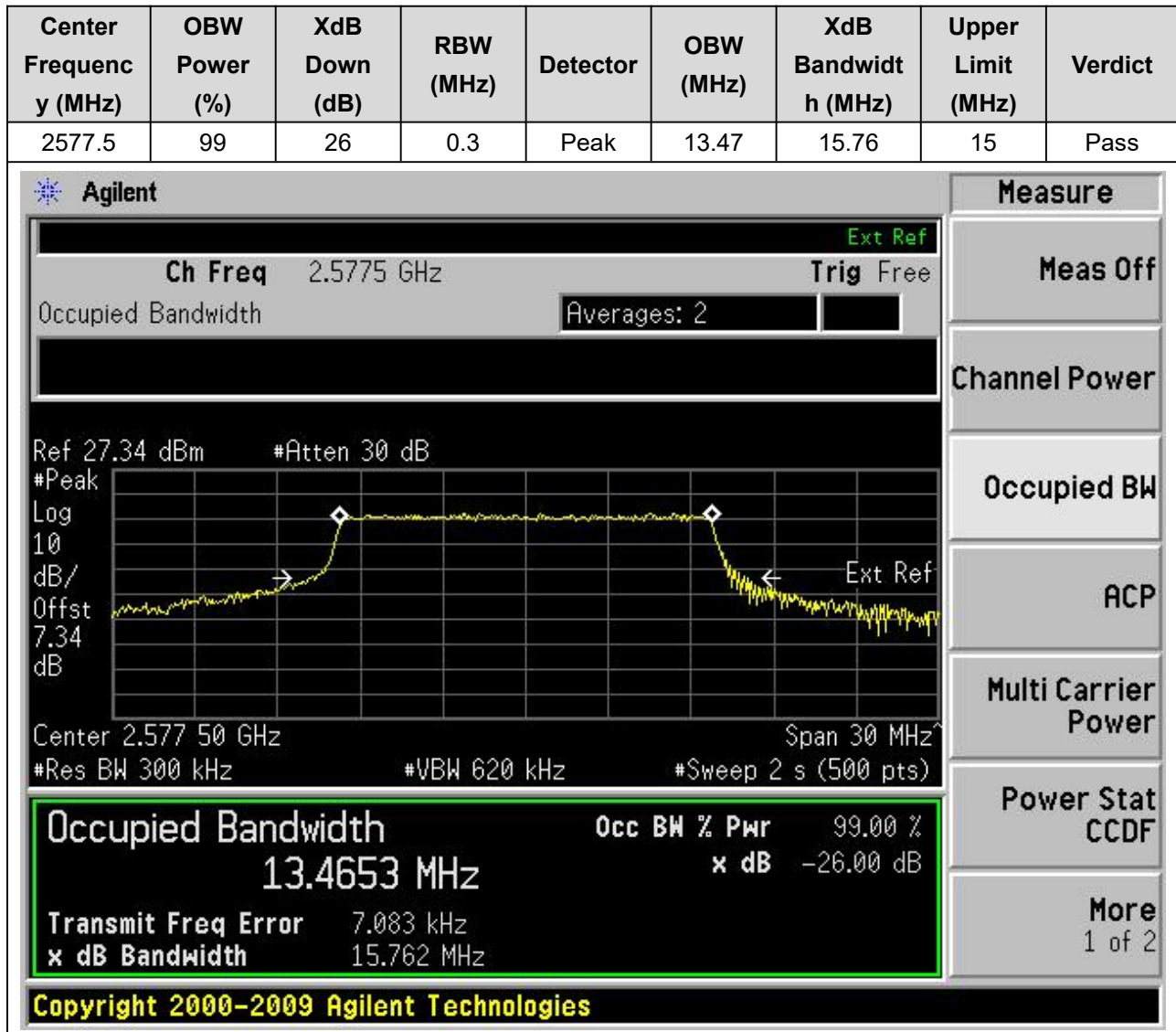
**5.26 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:37825, Bandwidth:15, Modulation:16QAM, RB Number:75, RB Position:0)**



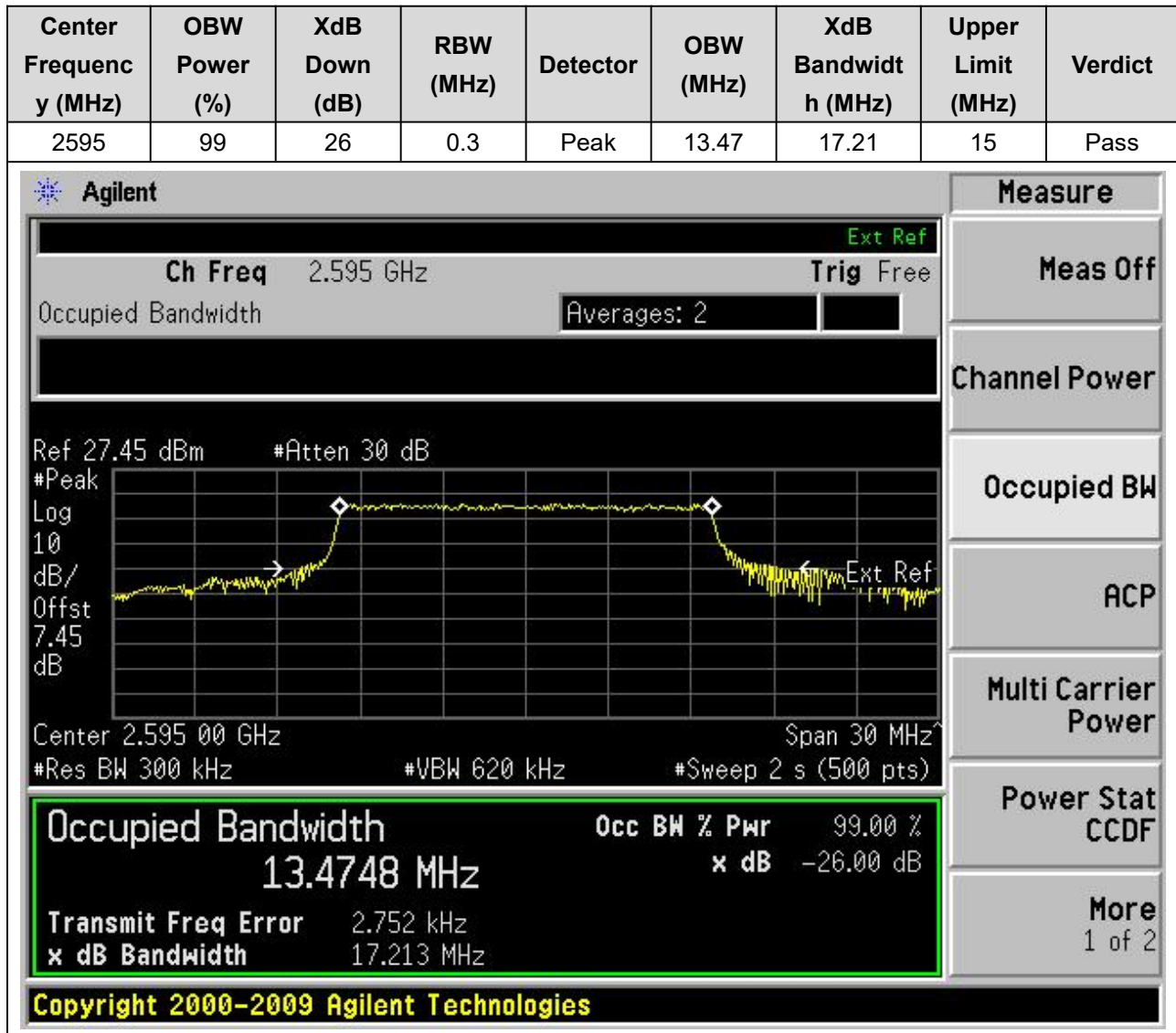
**5.27 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:37825, Bandwidth:15, Modulation:64QAM, RB Number:75, RB Position:0)**



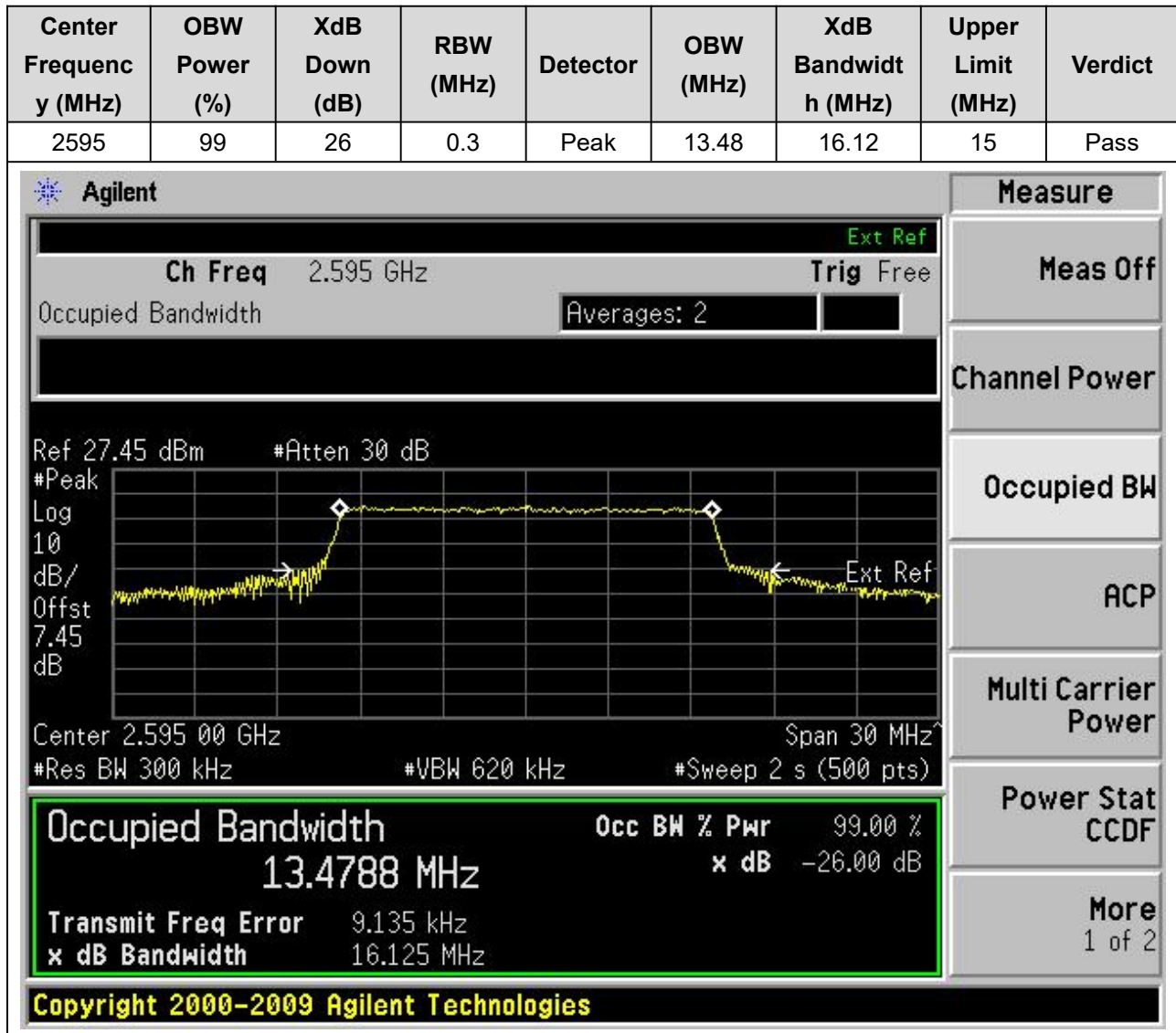
**5.28 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:37825, Bandwidth:15, Modulation:256QAM, RB Number:75, RB Position:0)**



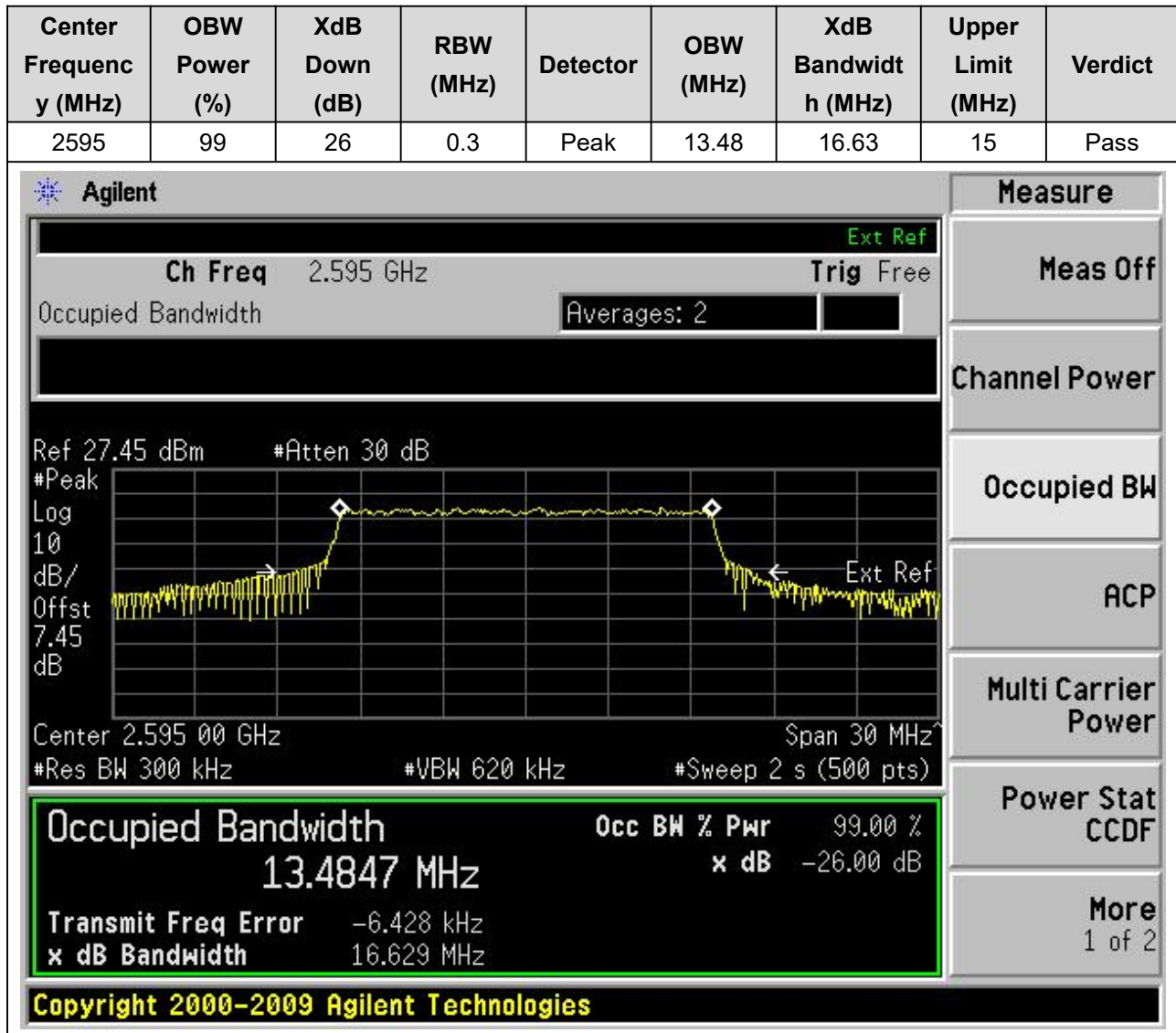
**5.29 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:38000, Bandwidth:15, Modulation:QPSK, RB Number:75, RB Position:0)**



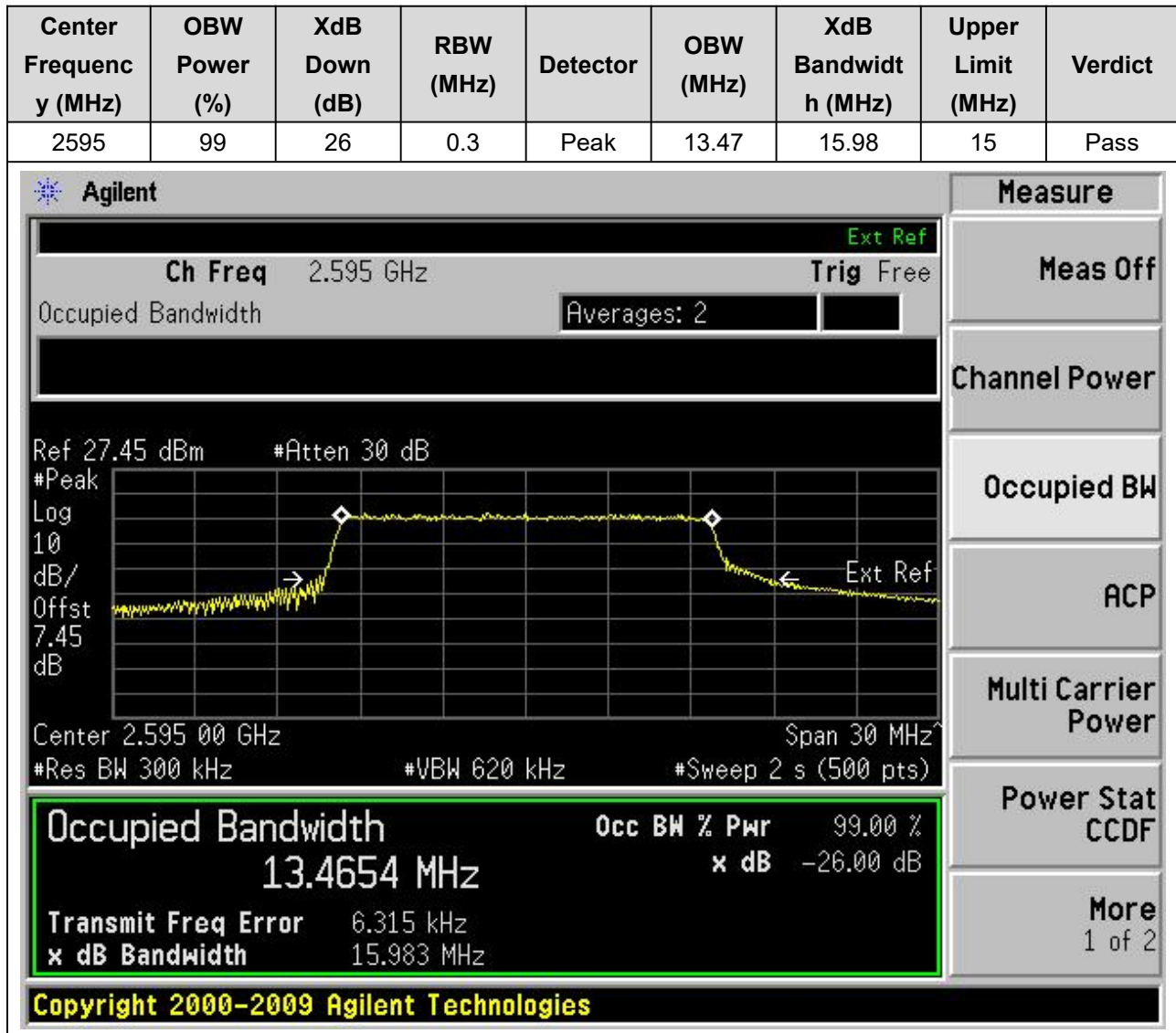
**5.30 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:38000, Bandwidth:15, Modulation:16QAM, RB Number:75, RB Position:0)**



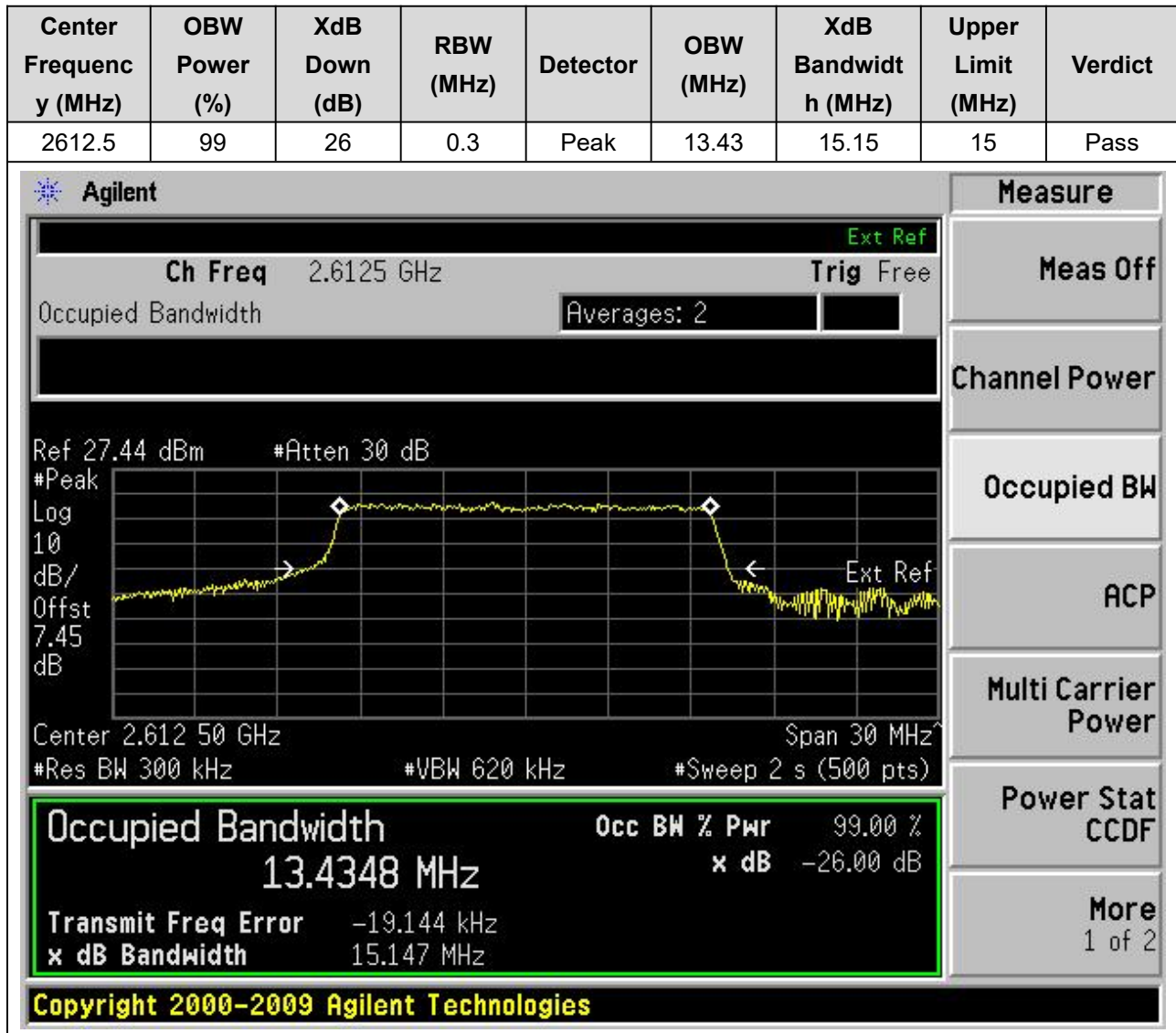
**5.31 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:38000, Bandwidth:15, Modulation:64QAM, RB Number:75, RB Position:0)**



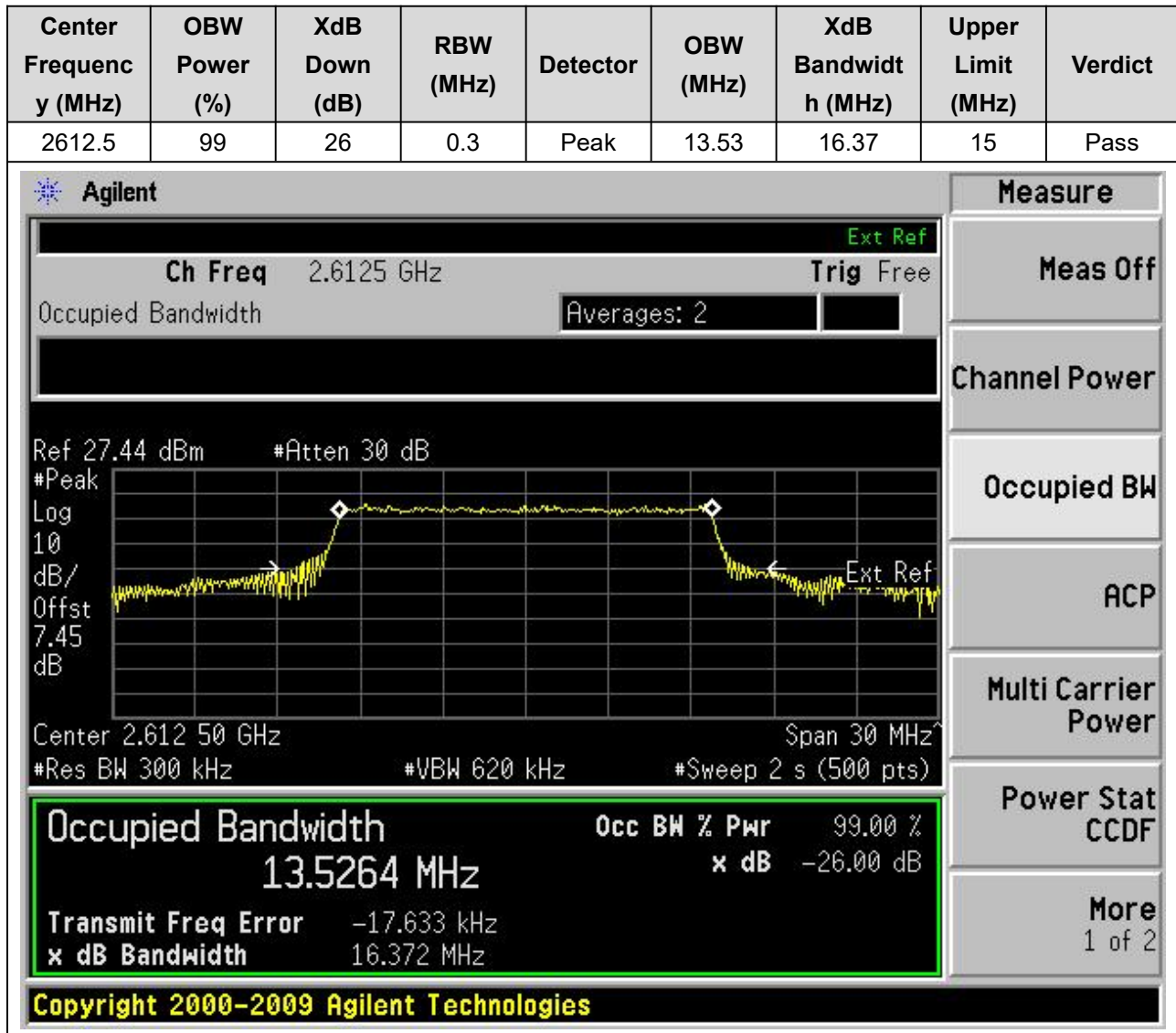
**5.32 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:38000, Bandwidth:15, Modulation:256QAM, RB Number:75, RB Position:0)**



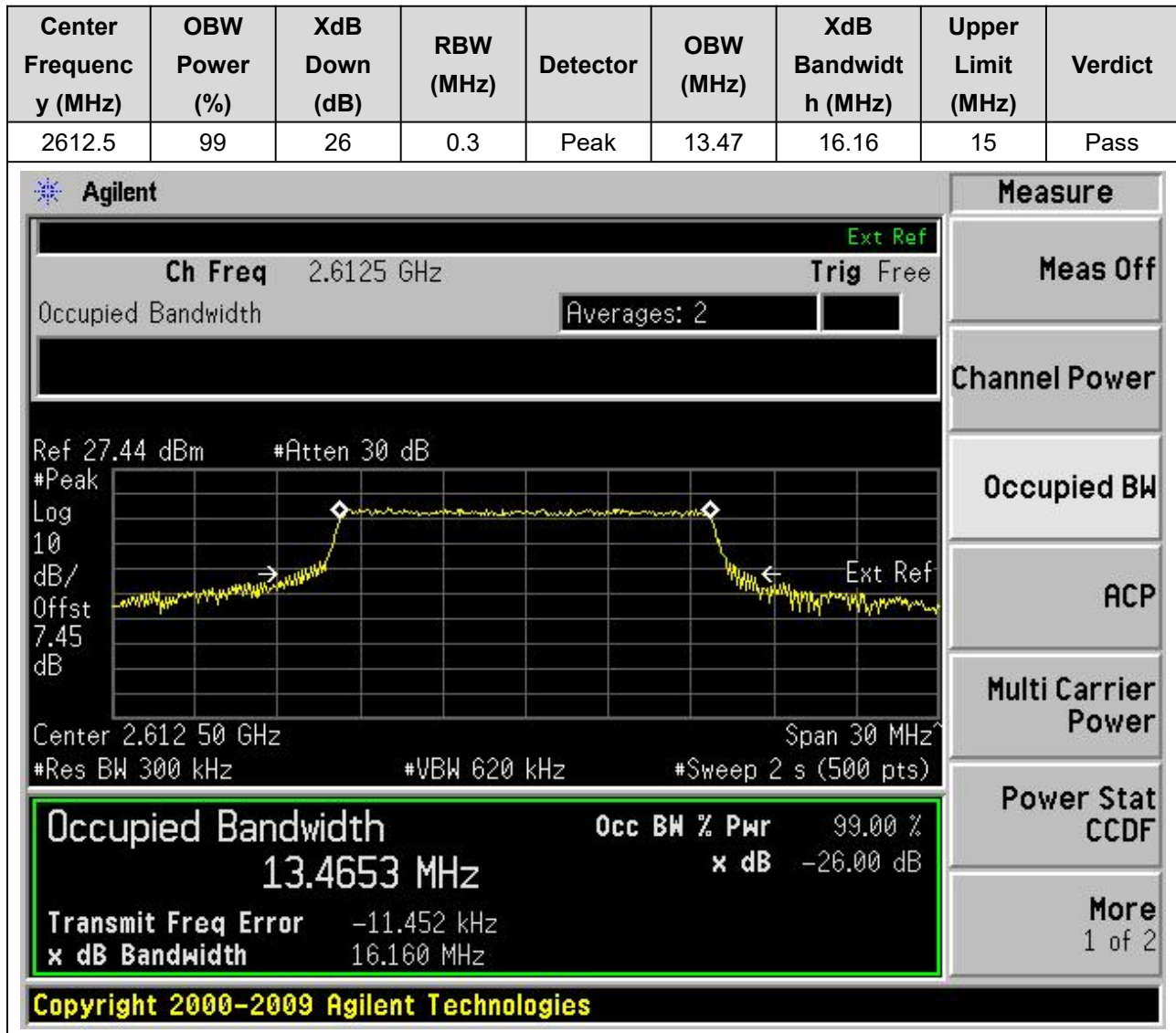
**5.33 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:38175, Bandwidth:15, Modulation:QPSK, RB Number:75, RB Position:0)**



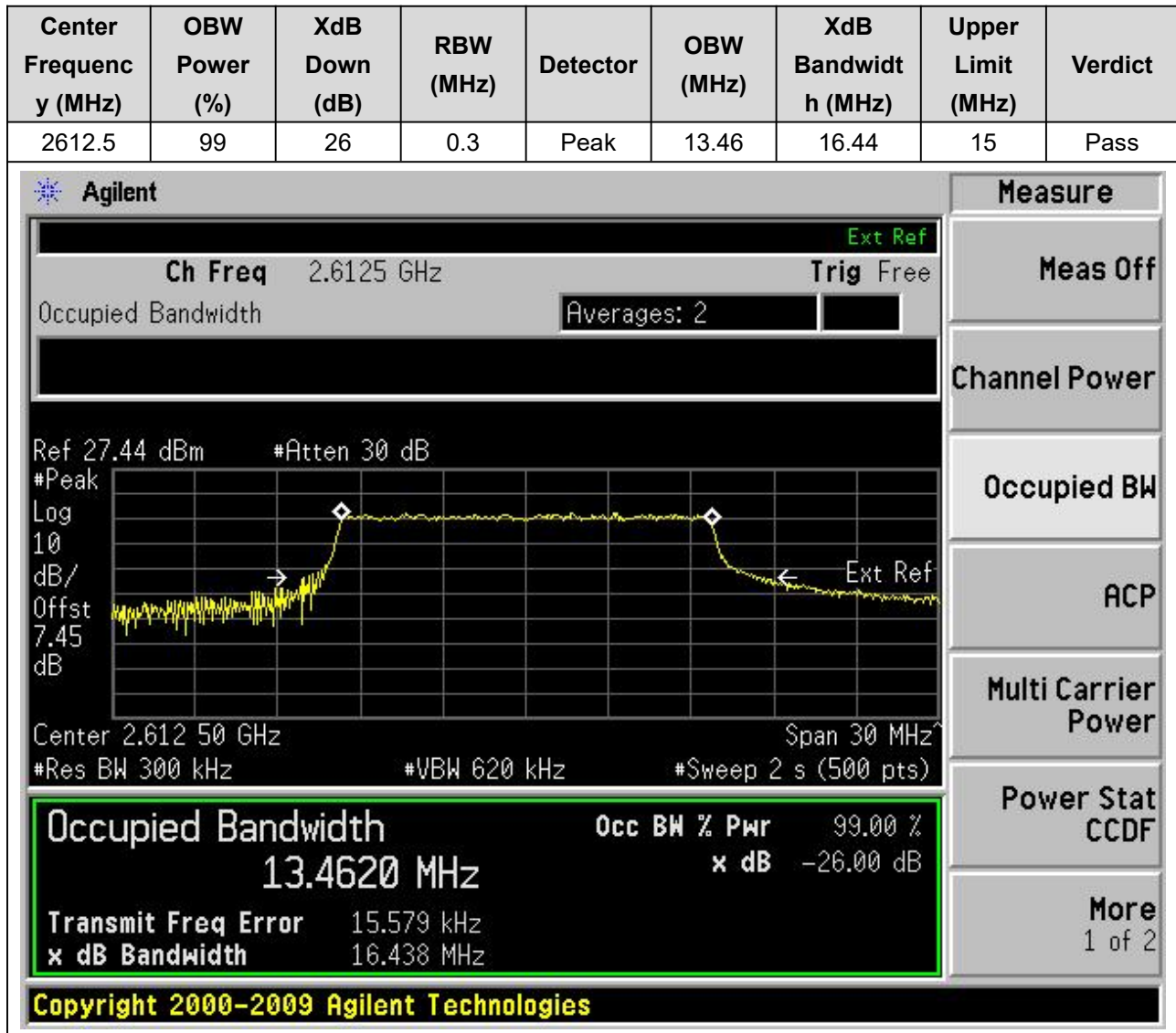
5.34 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:38175, Bandwidth:15, Modulation:16QAM, RB Number:75, RB Position:0)



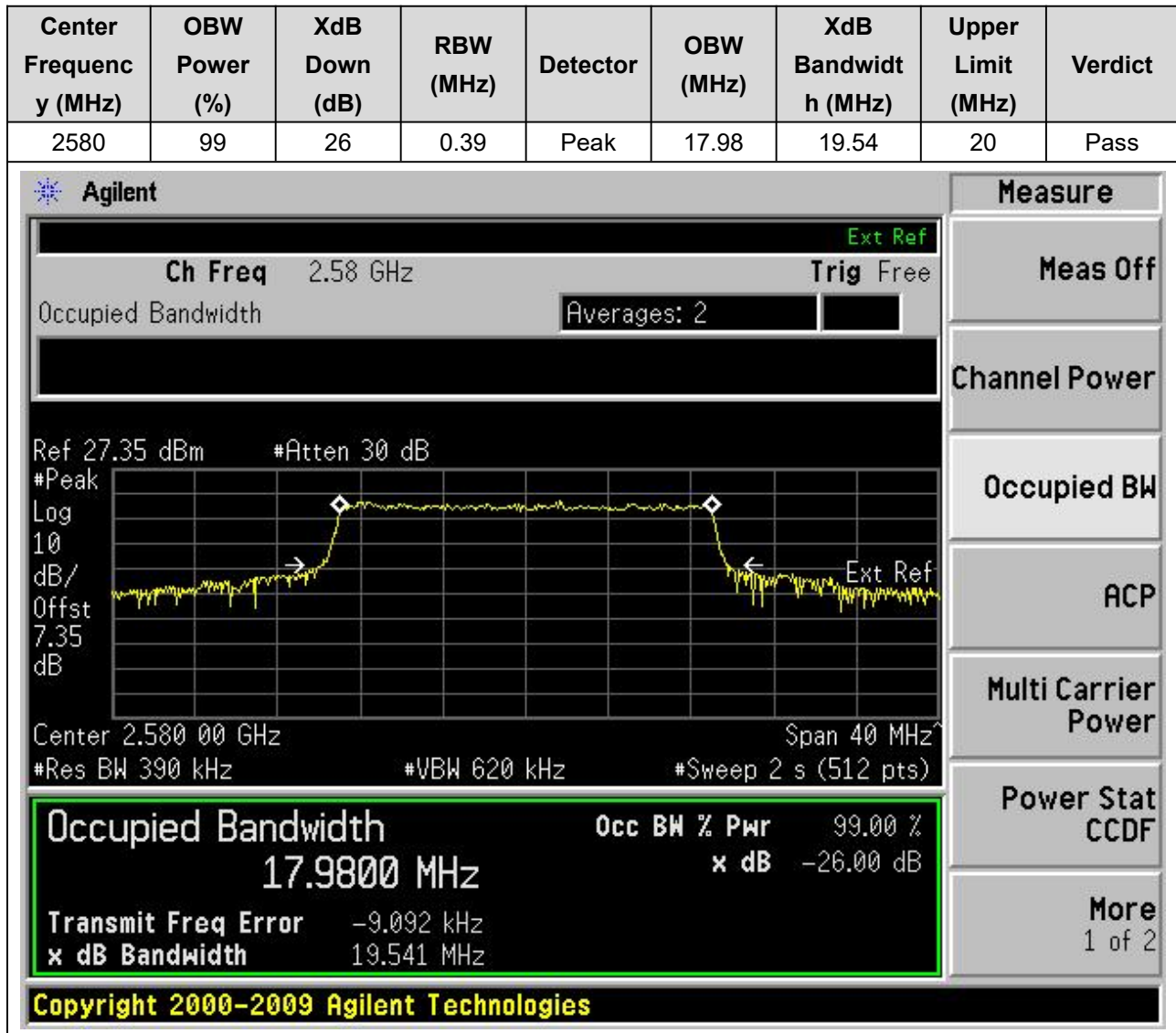
**5.35 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:38175, Bandwidth:15, Modulation:64QAM, RB Number:75, RB Position:0)**



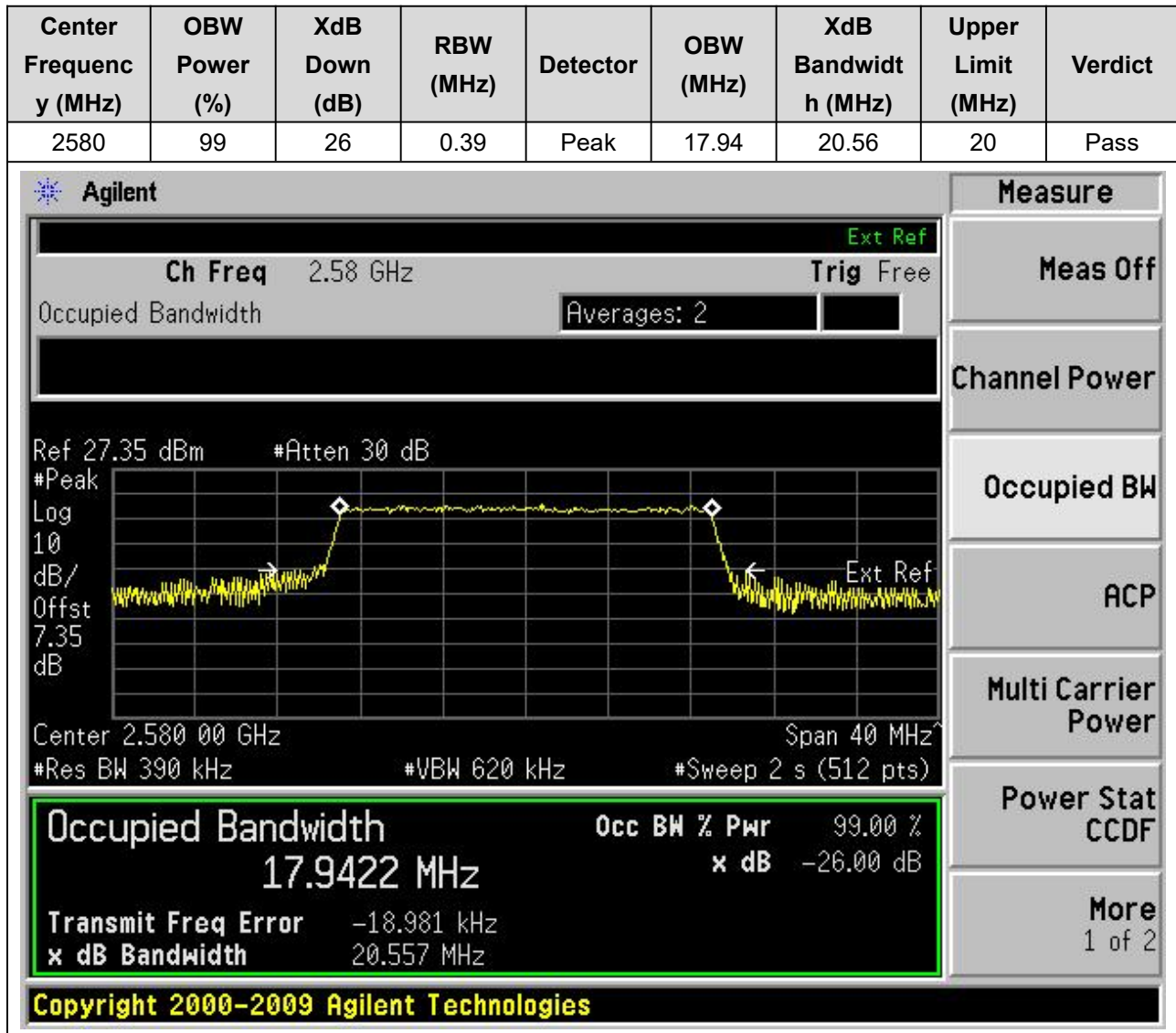
**5.36 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:38175, Bandwidth:15, Modulation:256QAM, RB Number:75, RB Position:0)**



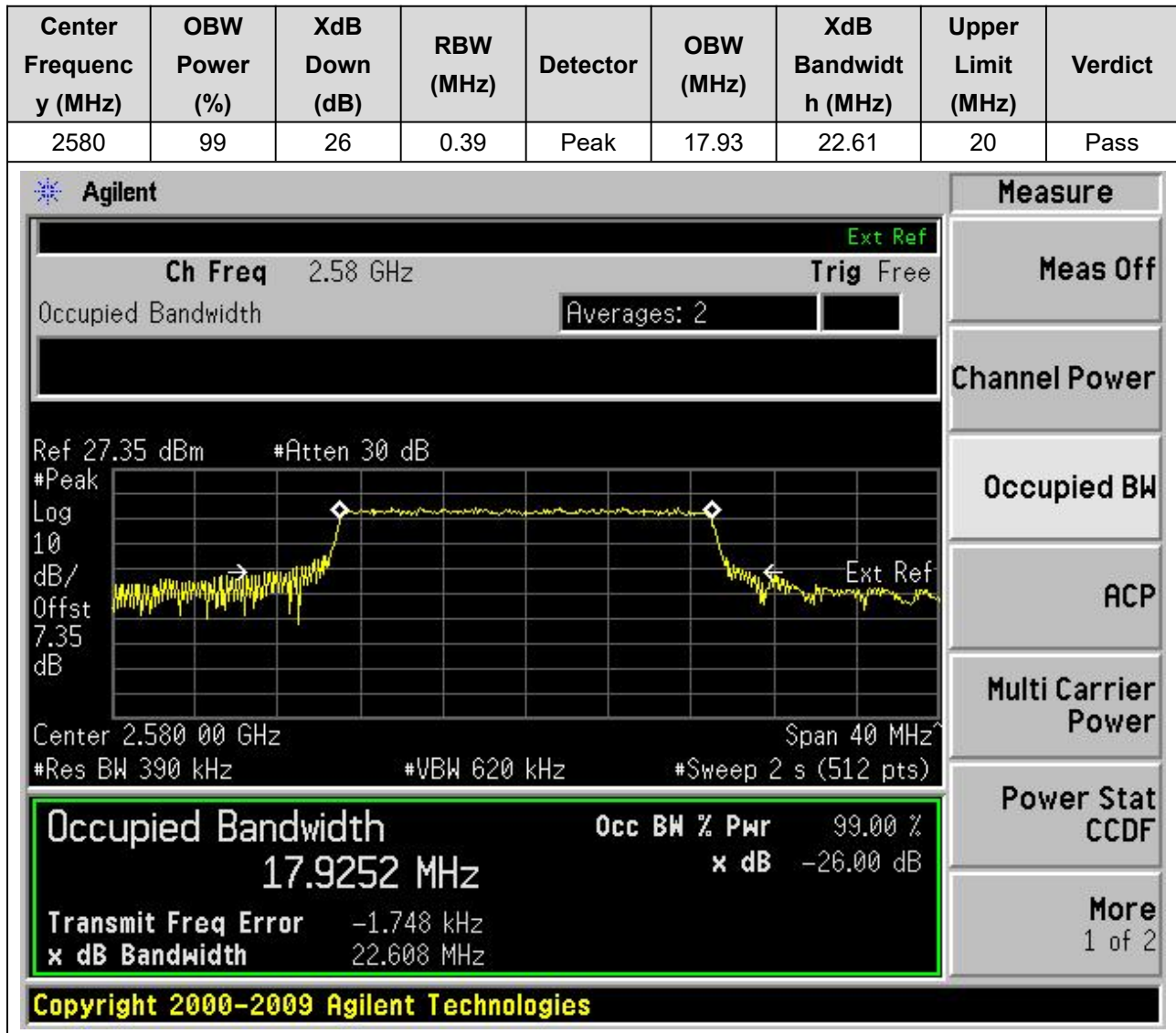
5.37 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:37850, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)



5.38 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:37850, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)



5.39 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:37850, Bandwidth:20, Modulation:64QAM, RB Number:100, RB Position:0)



**5.40 LTE Occupied Bandwidth\_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:37850, Bandwidth:20, Modulation:256QAM, RB Number:100, RB Position:0)**

