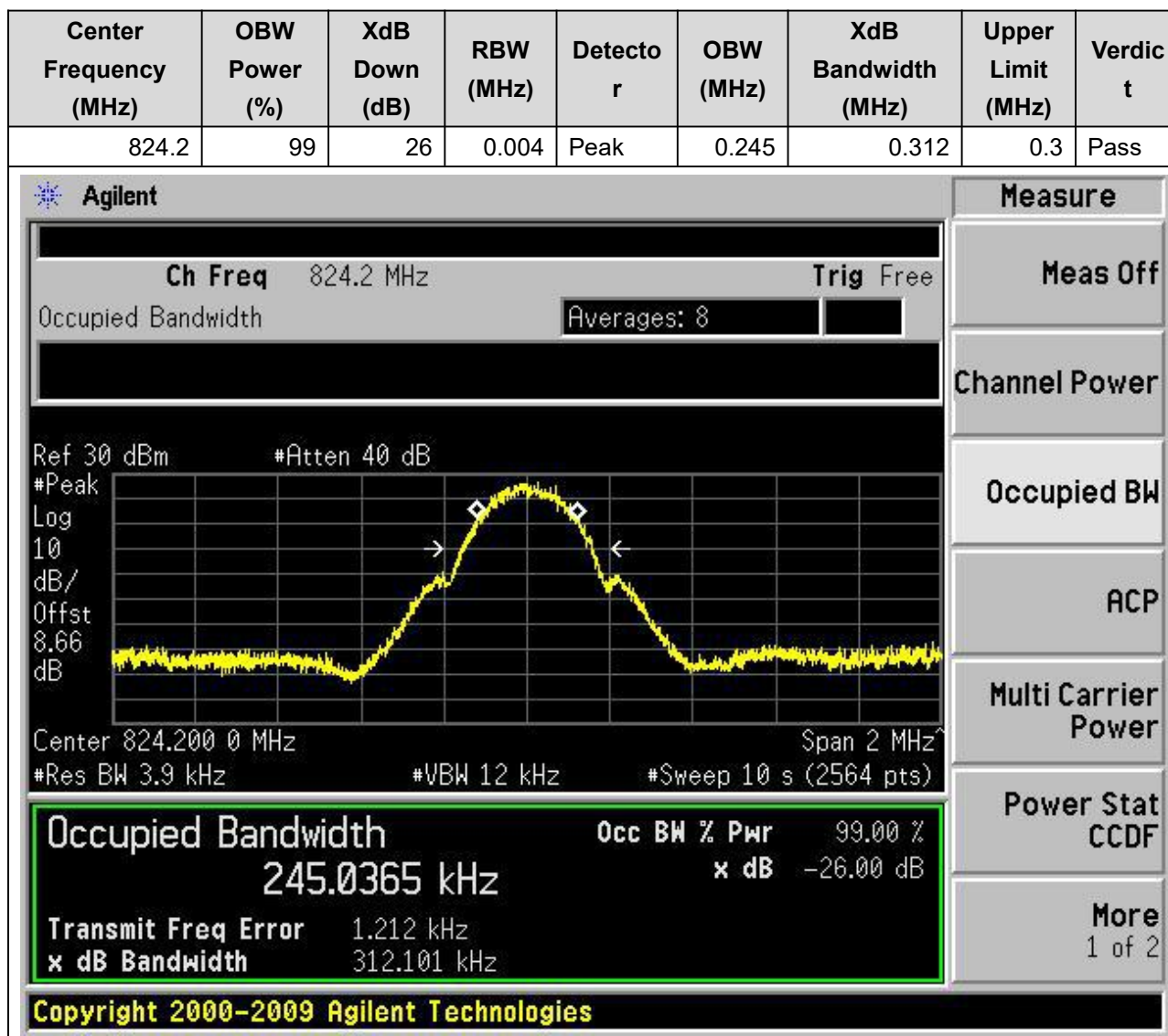


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## **Annex A.3 Occupied Bandwidth**

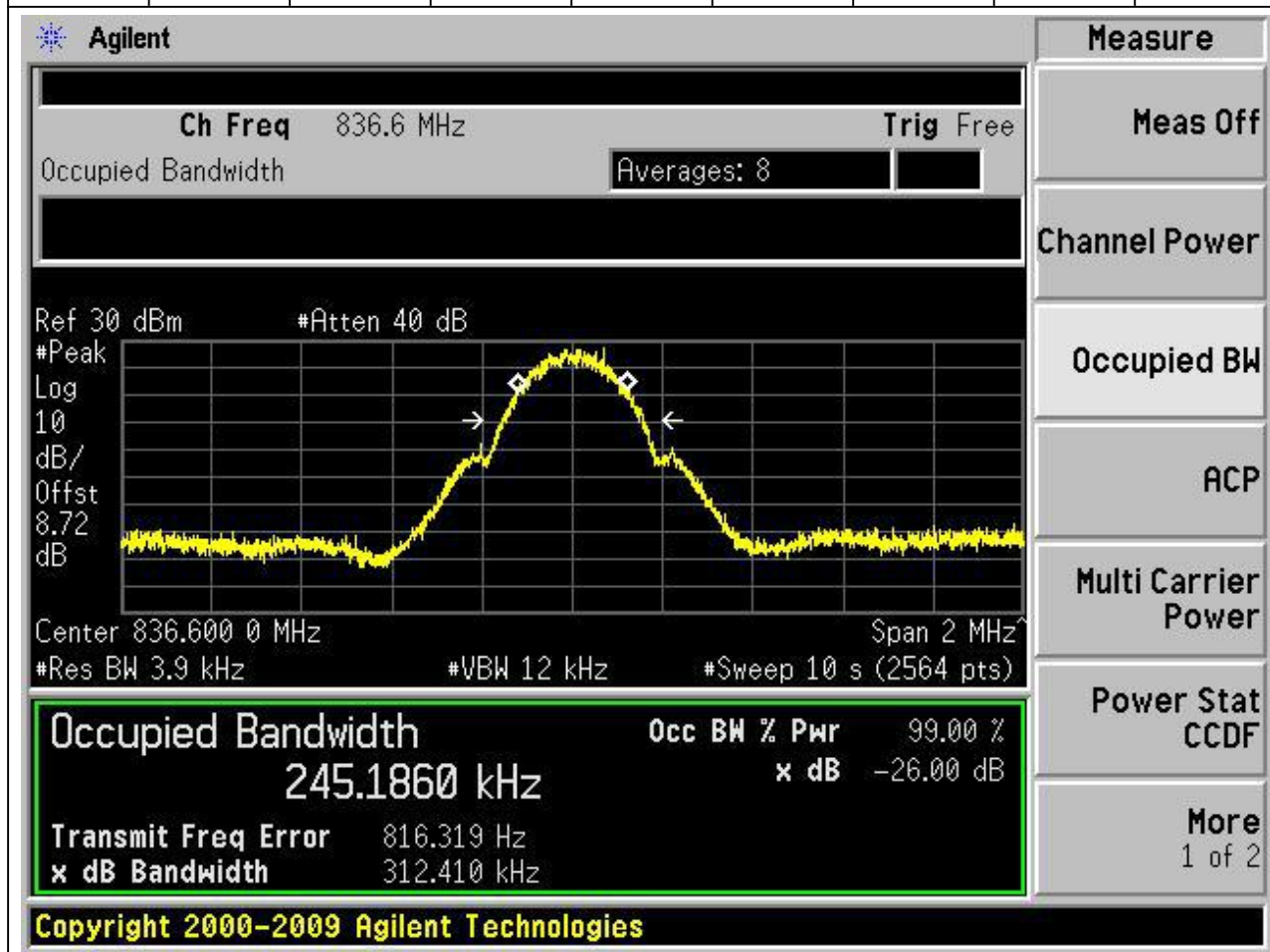
## 1. GSM\_GSM850

### 1.1 GSM Occupied Bandwidth\_Part22-24(NTNV)(Channel:128)



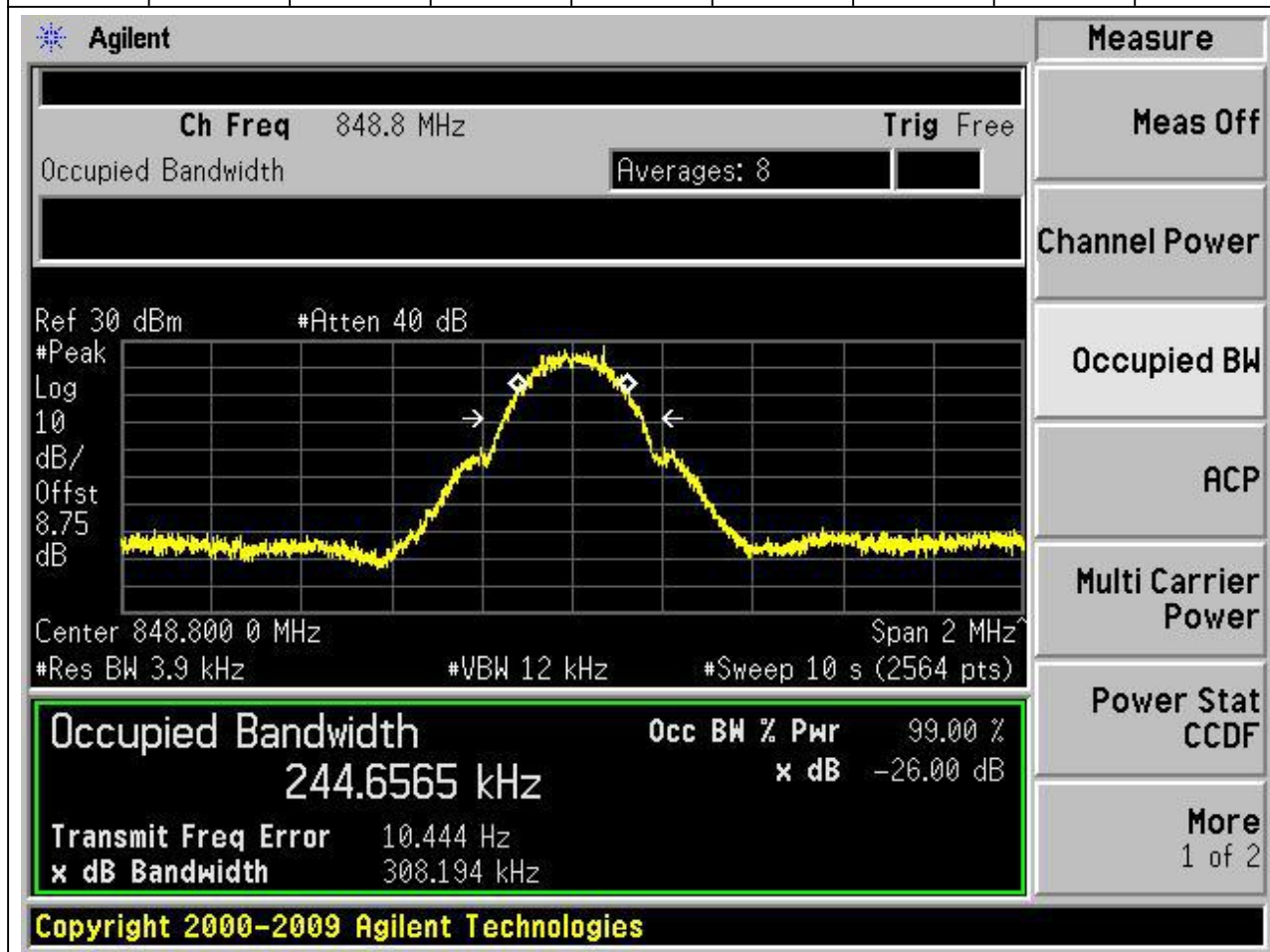
## 1.2 GSM Occupied Bandwidth\_Part22-24(NTNV)(Channel:190)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 836.6                  | 99            | 26            | 0.004     | Peak     | 0.245     | 0.312               | 0.3               | Pass    |



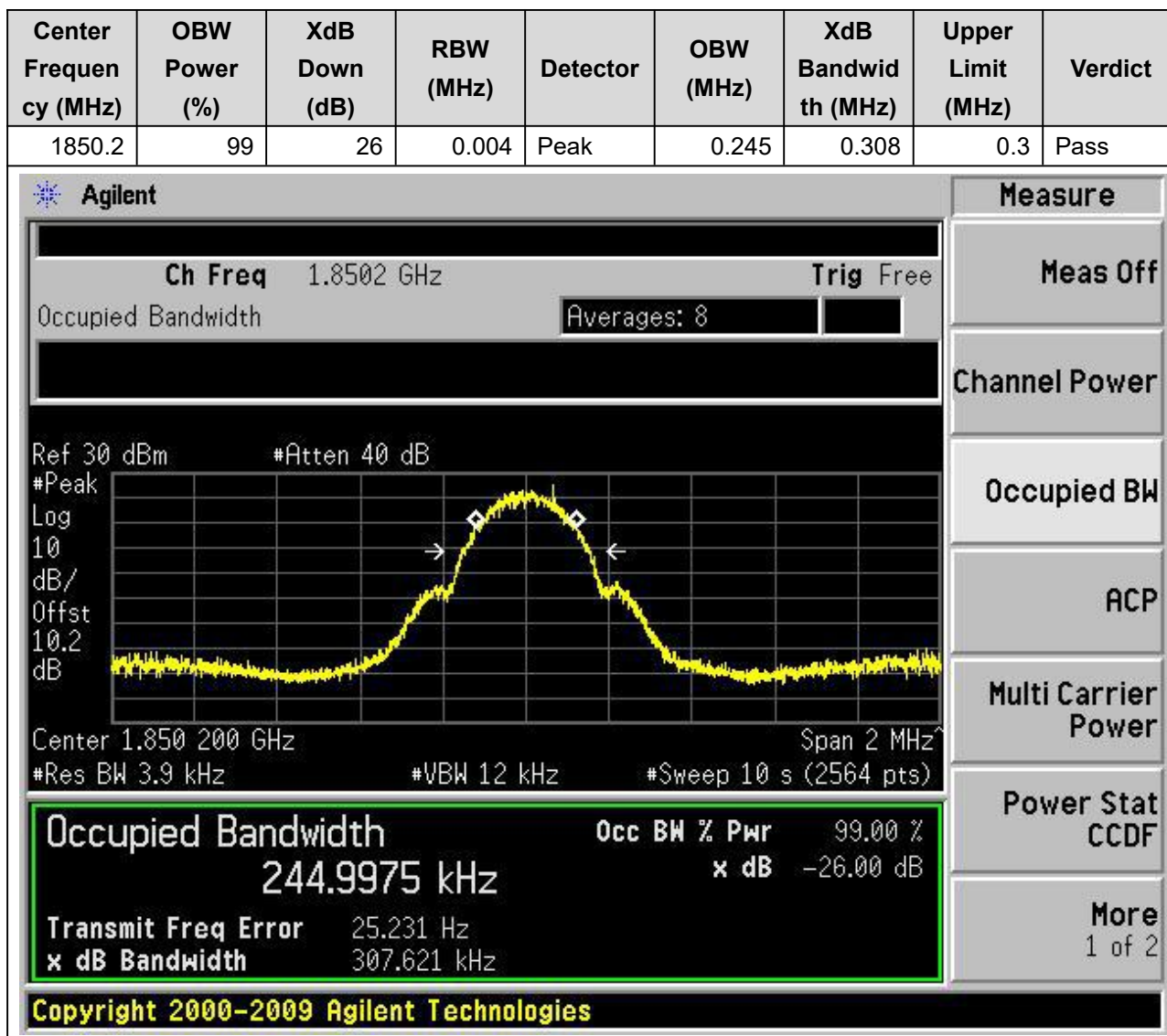
### 1.3 GSM Occupied Bandwidth\_Part22-24(NTNV)(Channel:251)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 848.8                  | 99            | 26            | 0.004     | Peak     | 0.245     | 0.308               | 0.3               | Pass    |



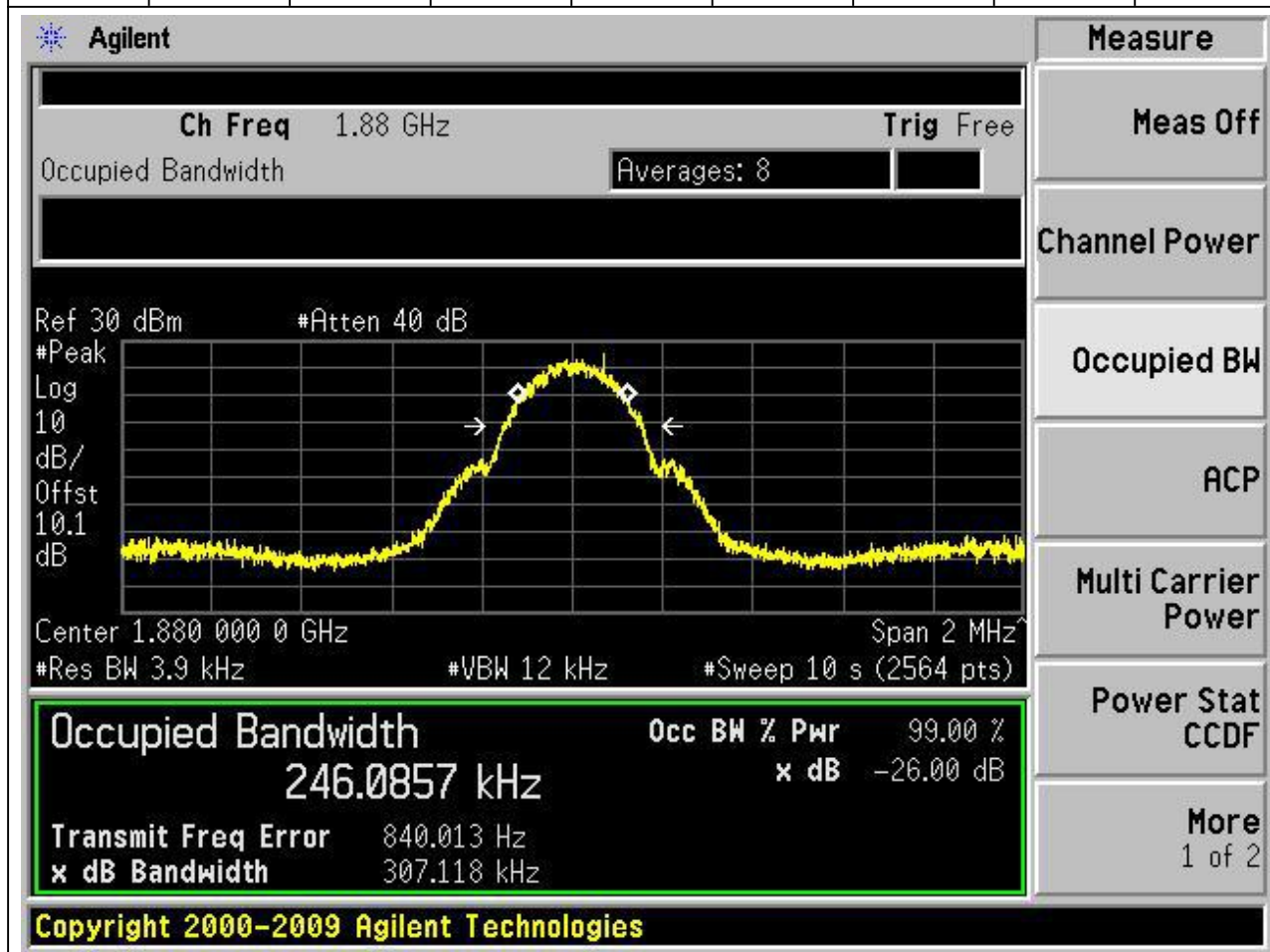
## 2. GSM\_PCS

### 2.1 GSM Occupied Bandwidth\_Part22-24(NTNV)(Channel:512)



## 2.2 GSM Occupied Bandwidth\_Part22-24(NTNV)(Channel:661)

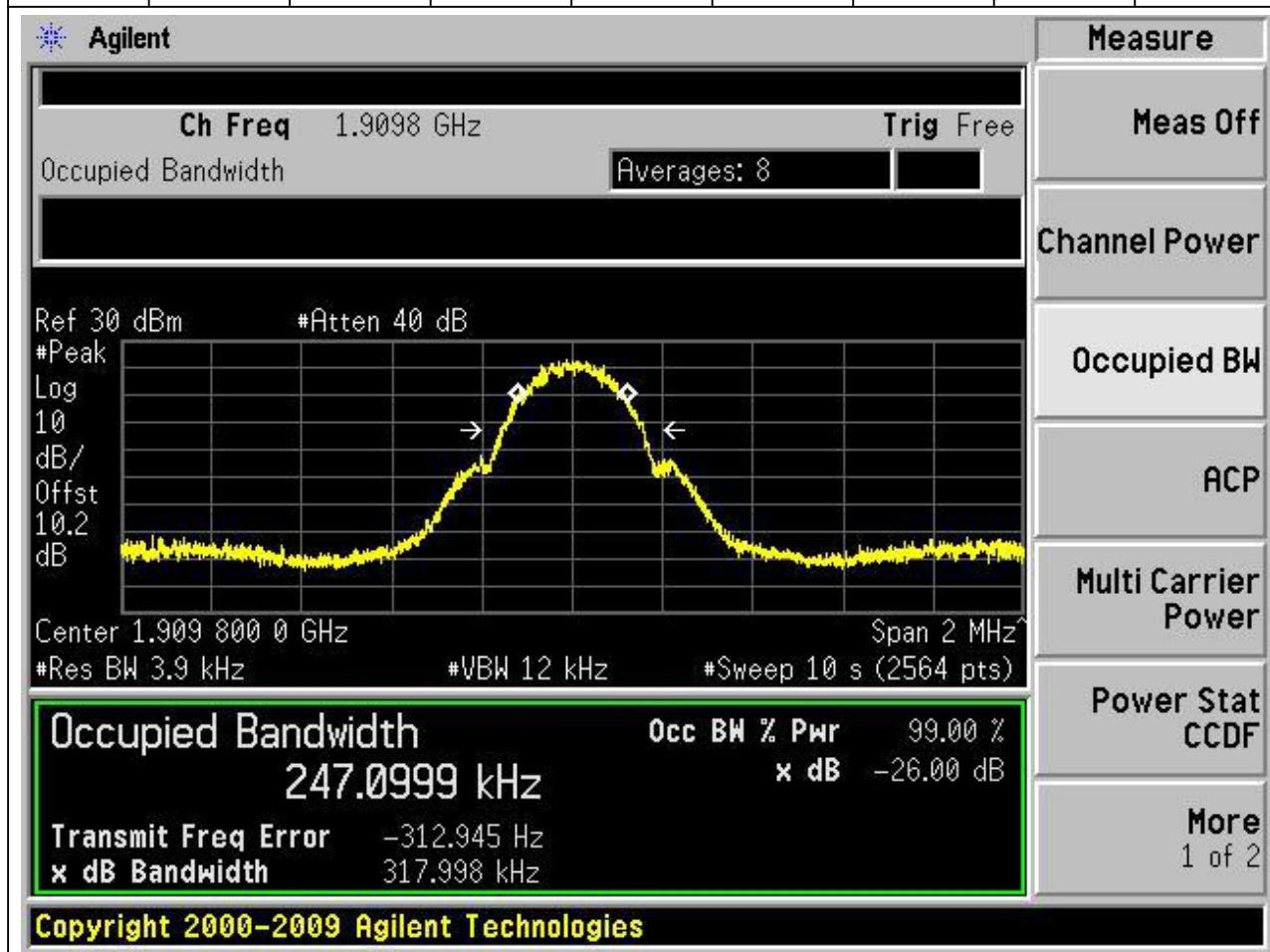
| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1880                   | 99            | 26            | 0.004     | Peak     | 0.246     | 0.307               | 0.3               | Pass    |





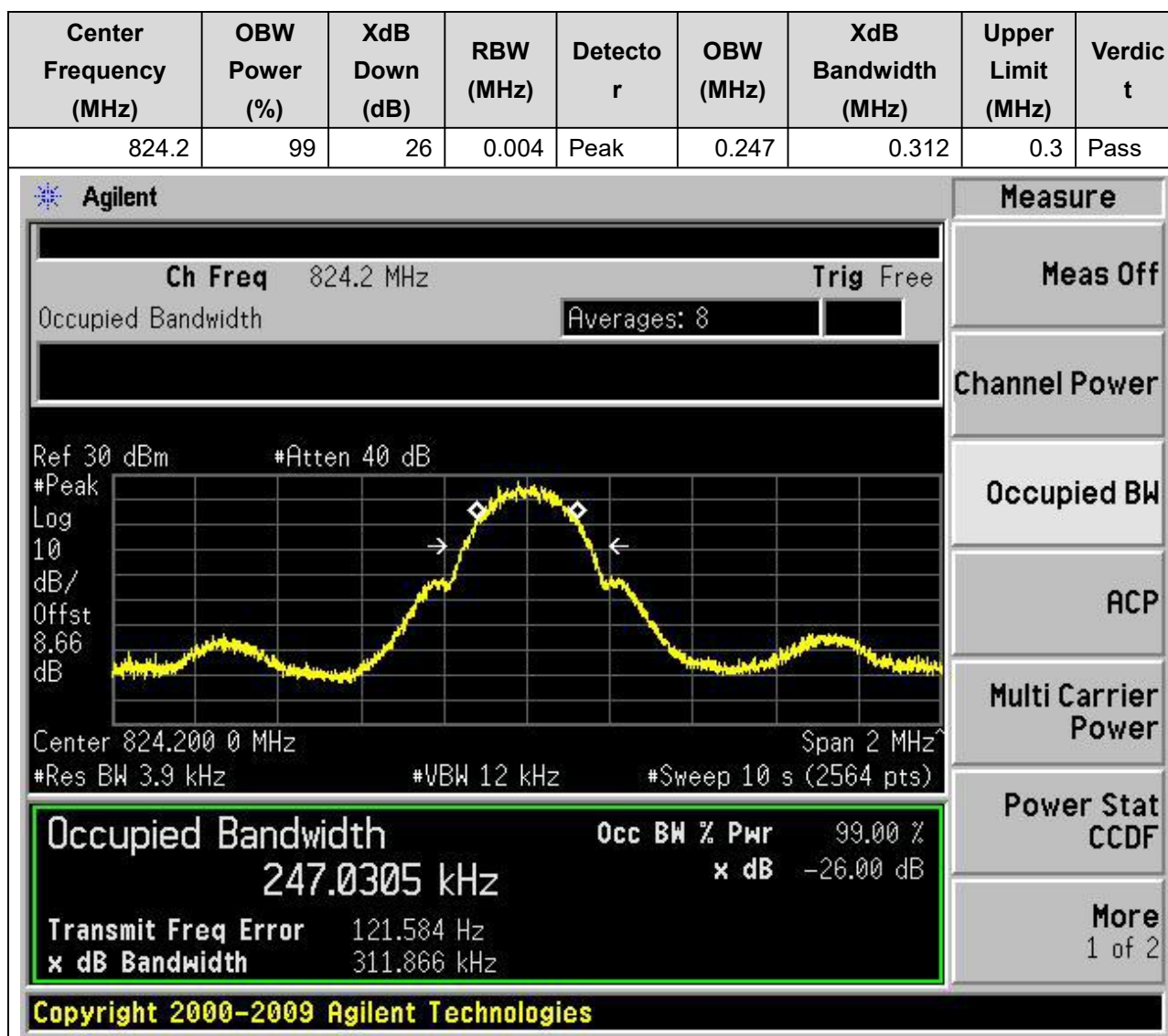
## 2.3 GSM Occupied Bandwidth\_Part22-24(NTNV)(Channel:810)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1909.8                 | 99            | 26            | 0.004     | Peak     | 0.247     | 0.318               | 0.3               | Pass    |



### 3. GPRS\_GSM850

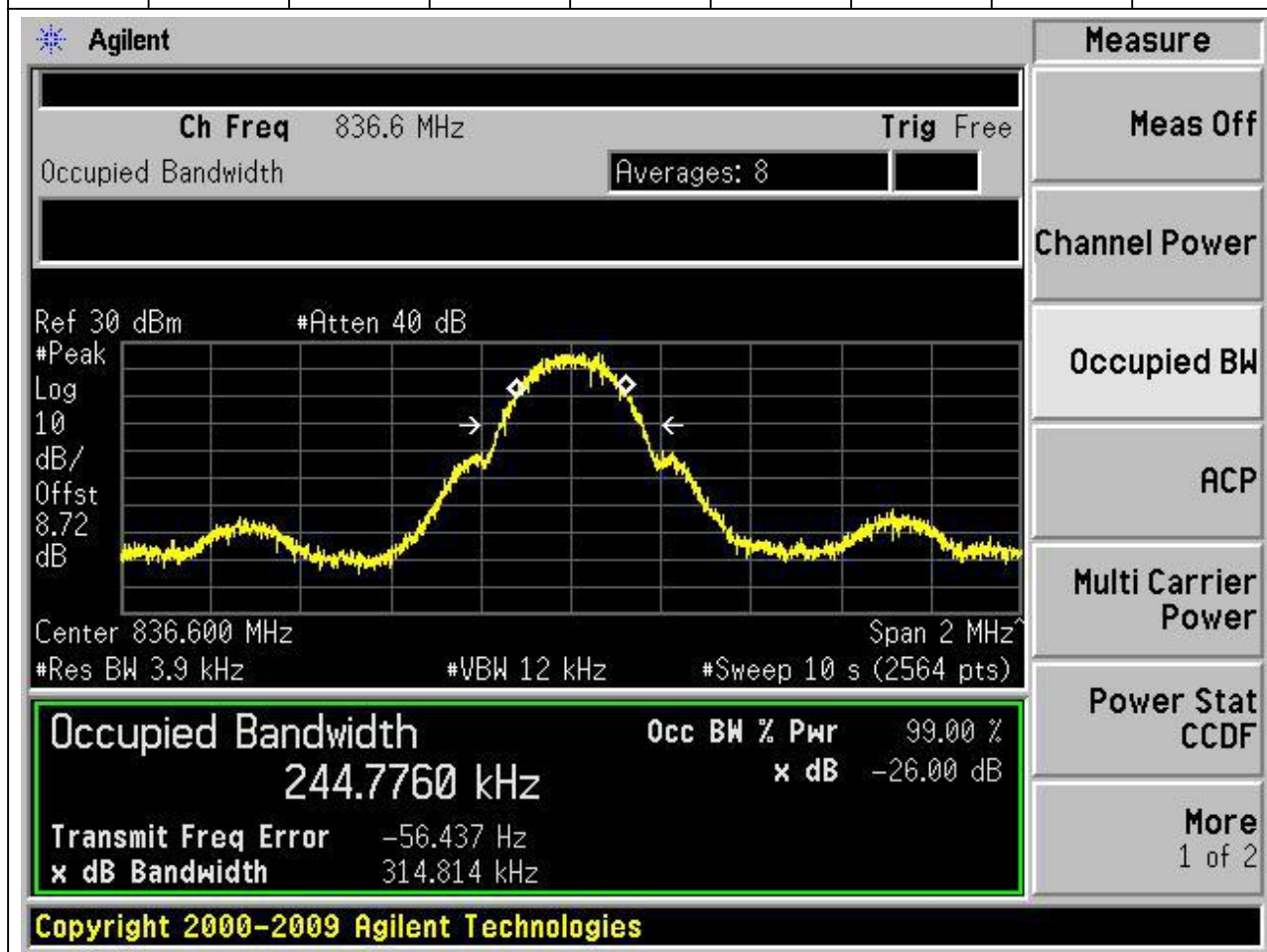
#### 3.1 GPRS Occupied Bandwidth\_Part22-24(NTNV)(Channel:128)





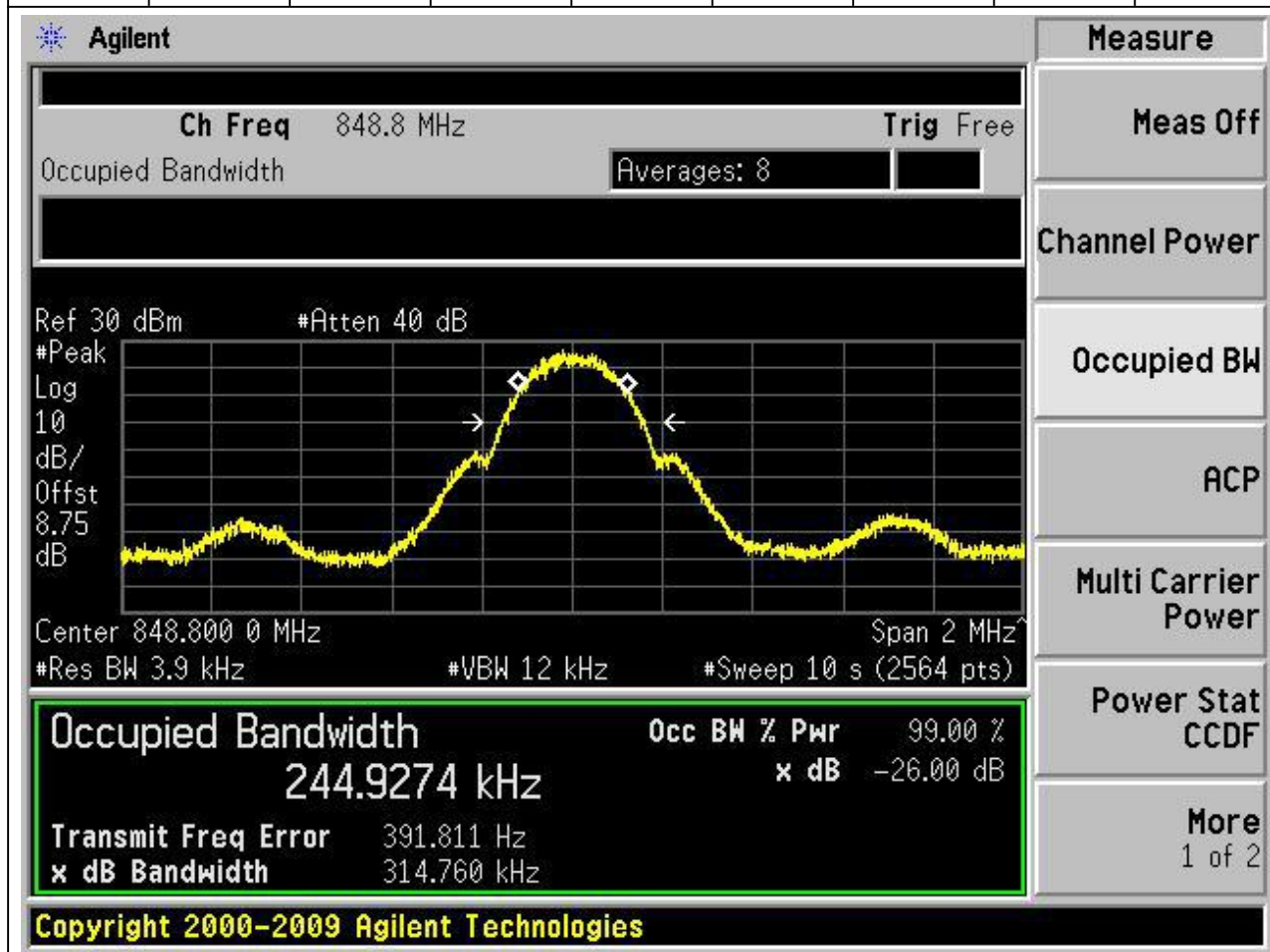
### 3.2 GPRS Occupied Bandwidth\_Part22-24(NTNV)(Channel:190)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 836.6                  | 99            | 26            | 0.004     | Peak     | 0.245     | 0.315               | 0.3               | Pass    |



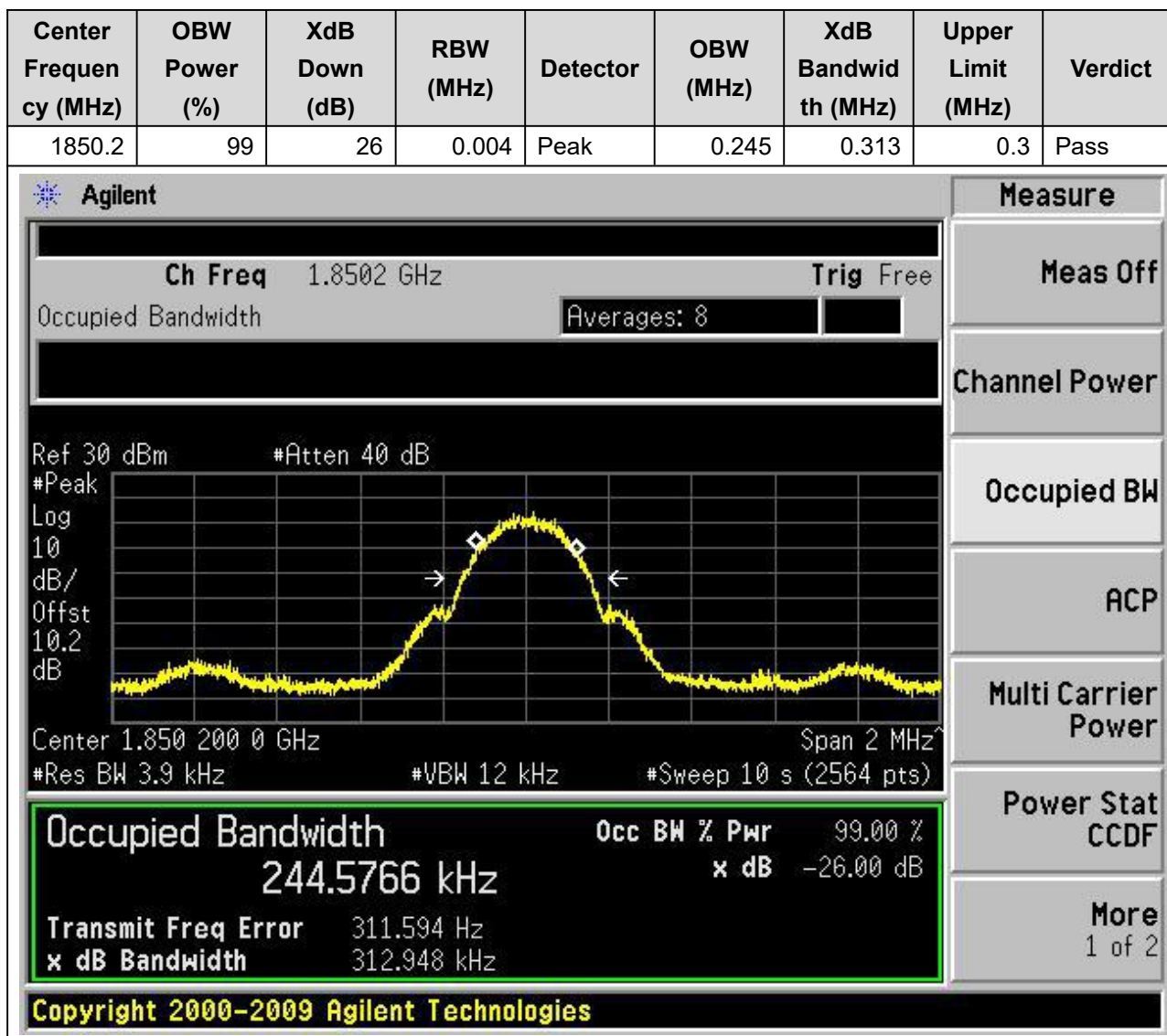
### 3.3 GPRS Occupied Bandwidth\_Part22-24(NTNV)(Channel:251)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 848.8                  | 99            | 26            | 0.004     | Peak     | 0.245     | 0.315               | 0.3               | Pass    |



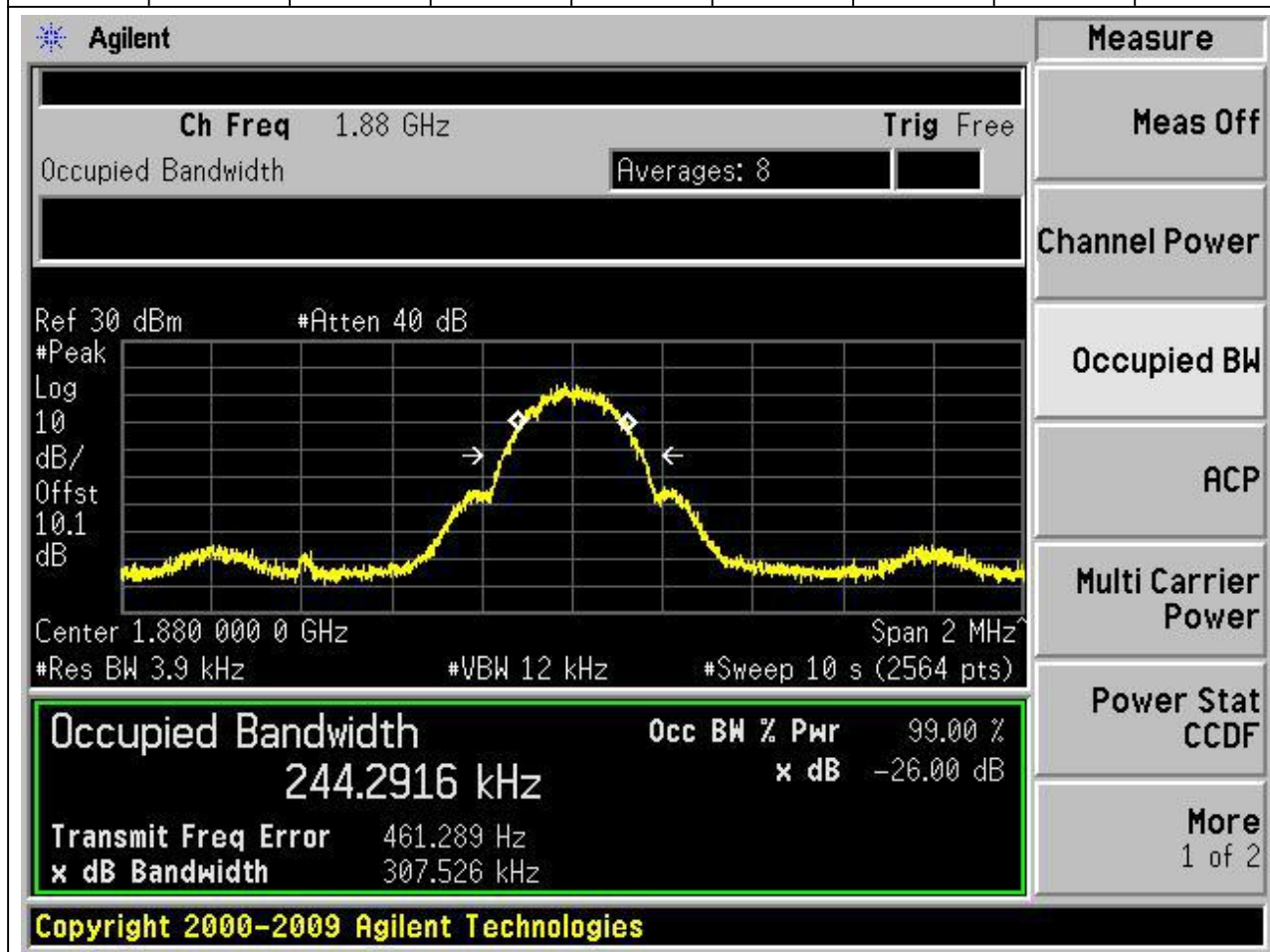
## 4. GPRS\_PCS

### 4.1 GPRS Occupied Bandwidth\_Part22-24(NTNV)(Channel:512)



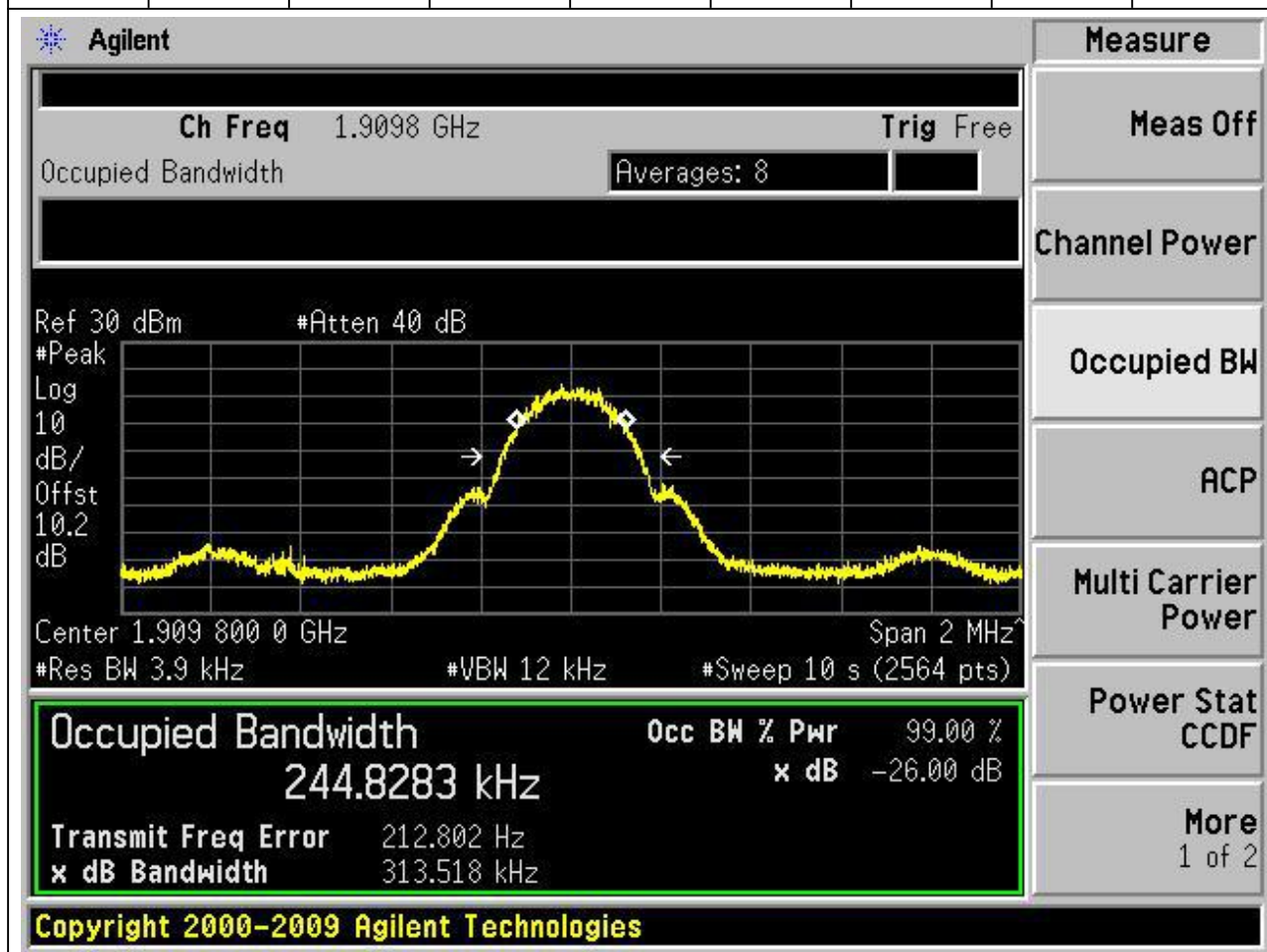
## 4.2 GPRS Occupied Bandwidth\_Part22-24(NTNV)(Channel:661)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1880                   | 99            | 26            | 0.004     | Peak     | 0.244     | 0.308               | 0.3               | Pass    |



#### 4.3 GPRS Occupied Bandwidth\_Part22-24(NTNV)(Channel:810)

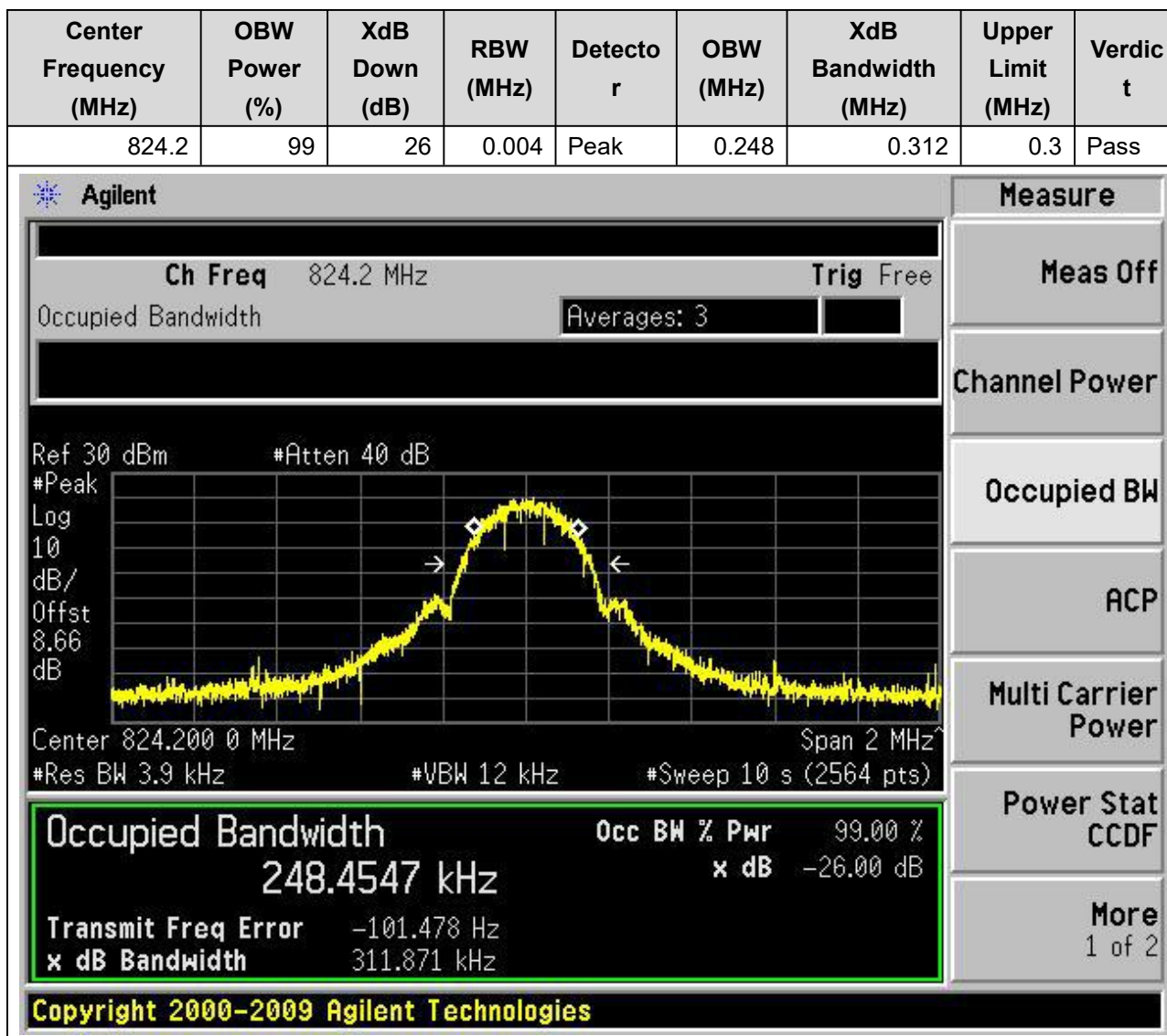
| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1909.8                 | 99            | 26            | 0.004     | Peak     | 0.245     | 0.314               | 0.3               | Pass    |





## 5. EGPRS\_GSM850

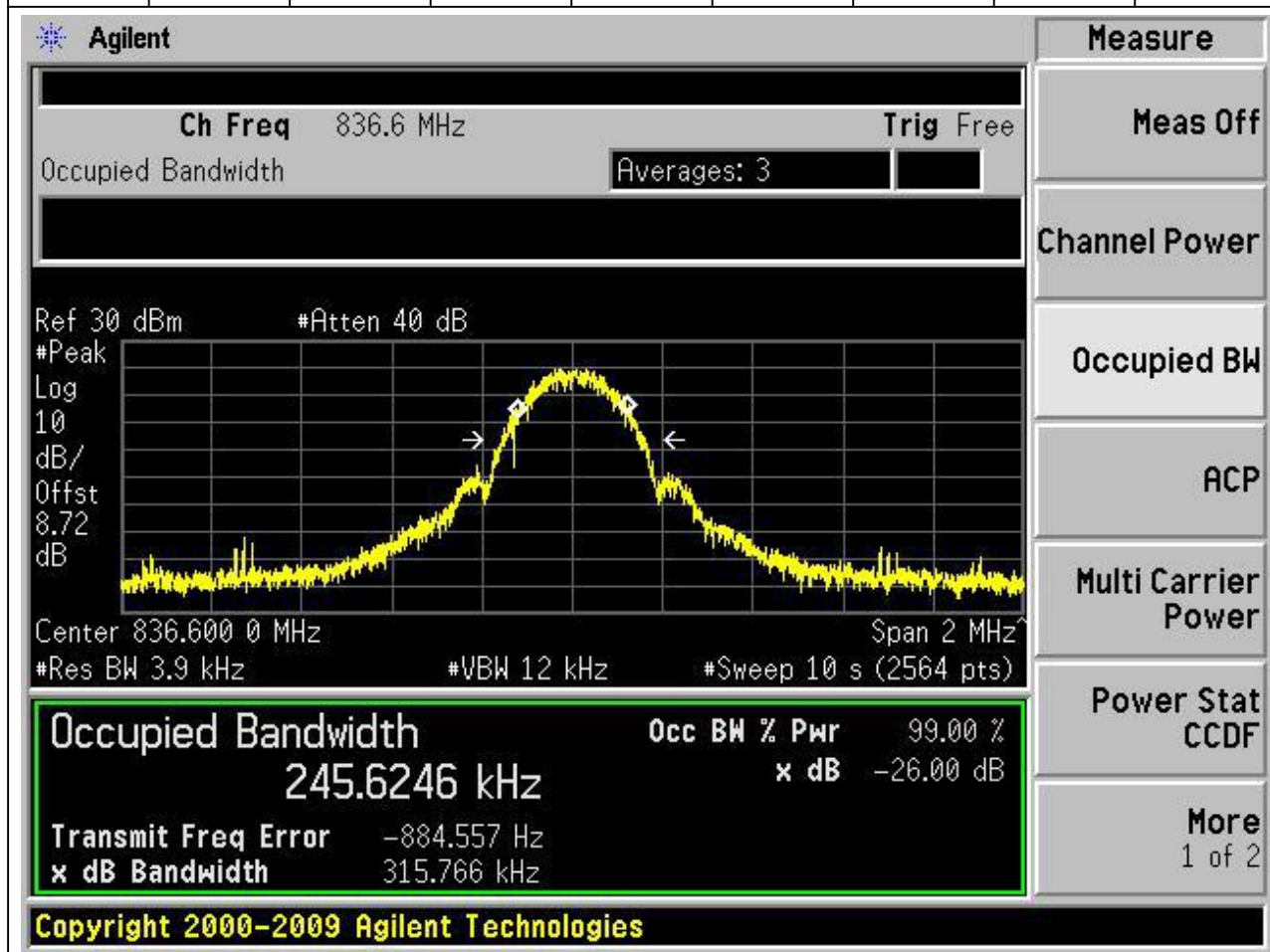
### 5.1 EGPRS Occupied Bandwidth\_Part22-24(NTNV)(Channel:128)





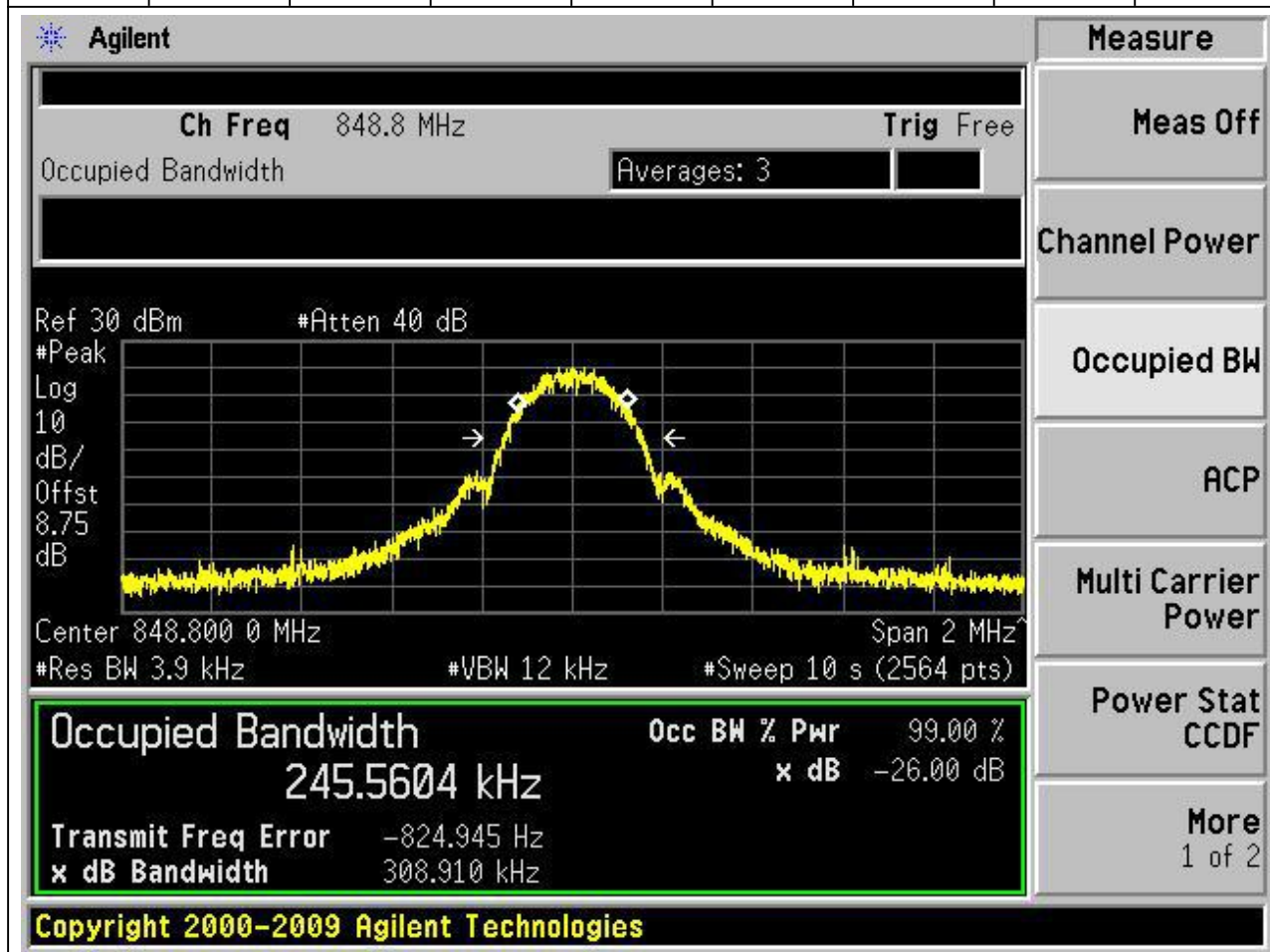
## 5.2 EGPRS Occupied Bandwidth\_Part22-24(NTNV)(Channel:190)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 836.6                  | 99            | 26            | 0.004     | Peak     | 0.246     | 0.316               | 0.3               | Pass    |



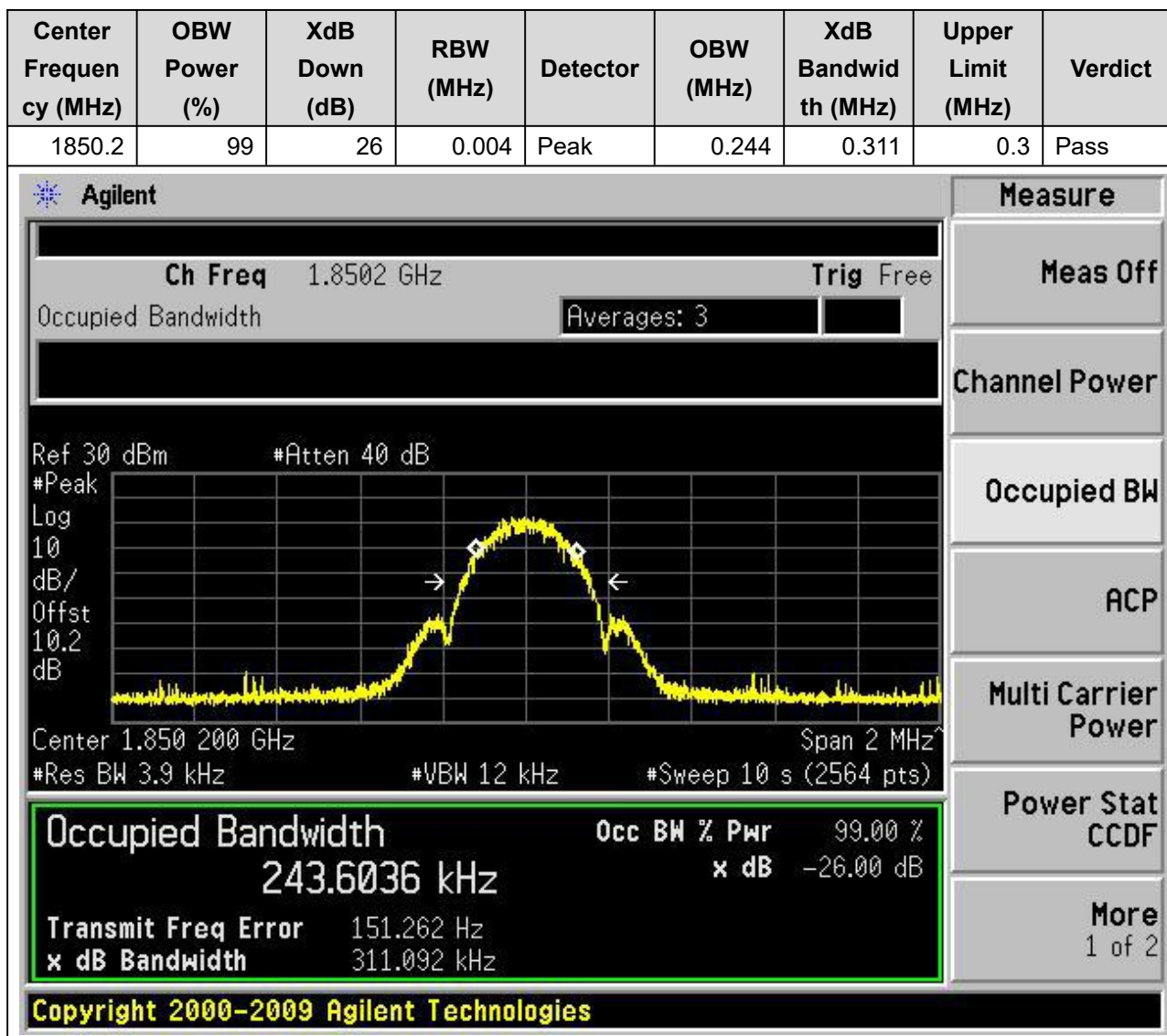
### 5.3 EGPRS Occupied Bandwidth\_Part22-24(NTNV)(Channel:251)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 848.8                  | 99            | 26            | 0.004     | Peak     | 0.246     | 0.309               | 0.3               | Pass    |



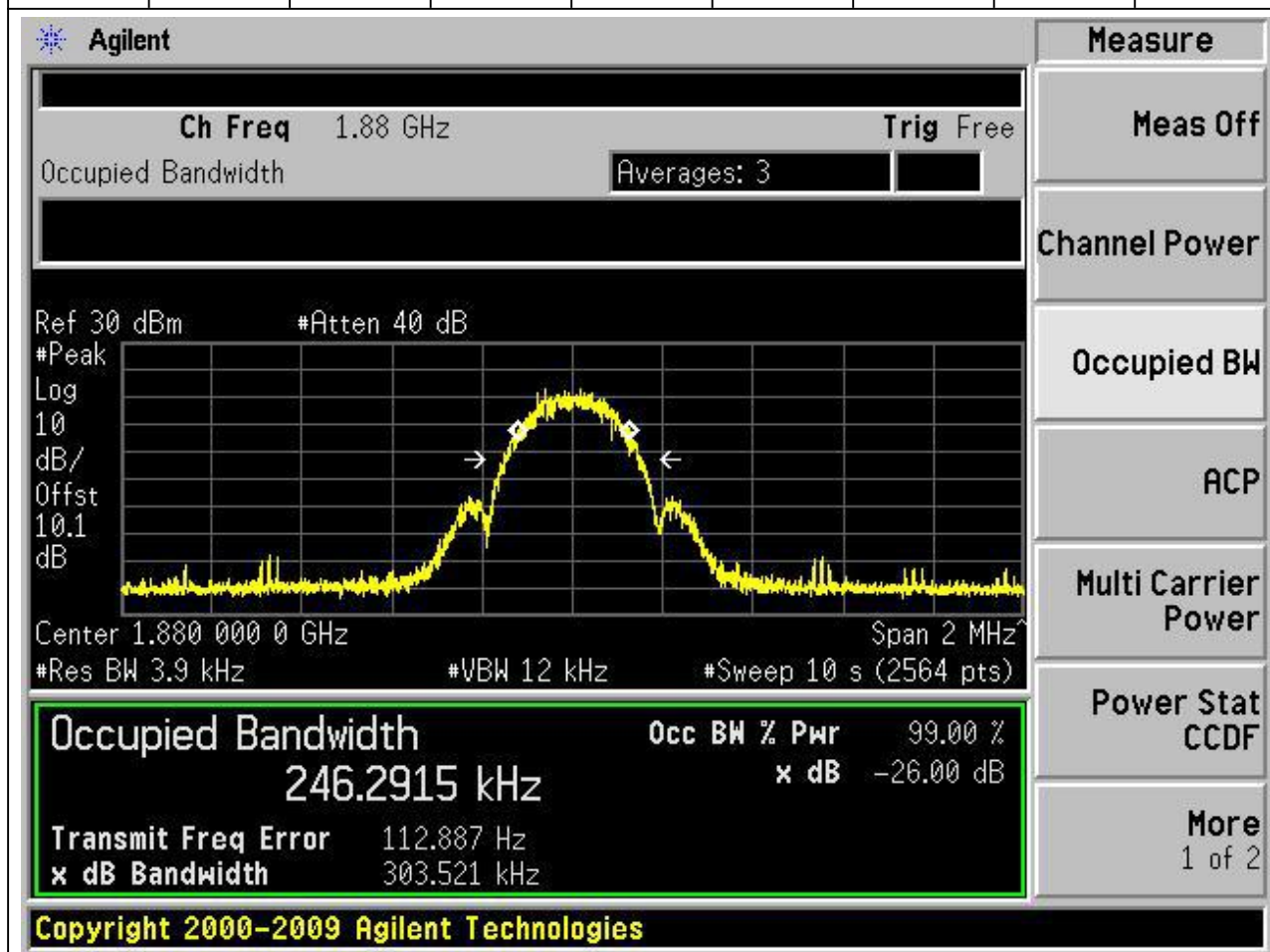
## 6. EGPRS\_PCS

### 6.1 EGPRS Occupied Bandwidth\_Part22-24(NTNV)(Channel:512)



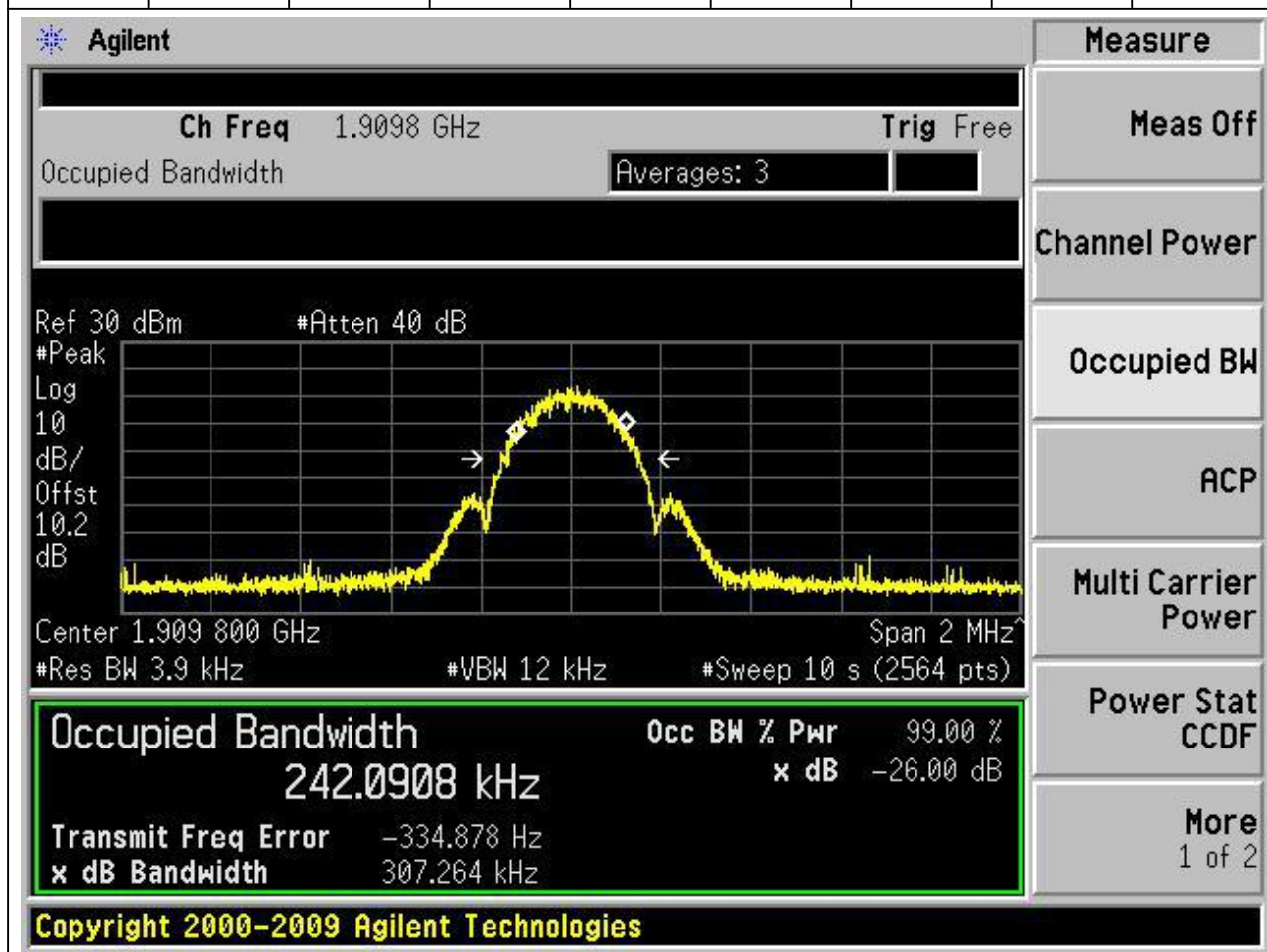
## 6.2 EGPRS Occupied Bandwidth\_Part22-24(NTNV)(Channel:661)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1880                   | 99            | 26            | 0.004     | Peak     | 0.246     | 0.304               | 0.3               | Pass    |



### 6.3 EGPRS Occupied Bandwidth\_Part22-24(NTNV)(Channel:810)

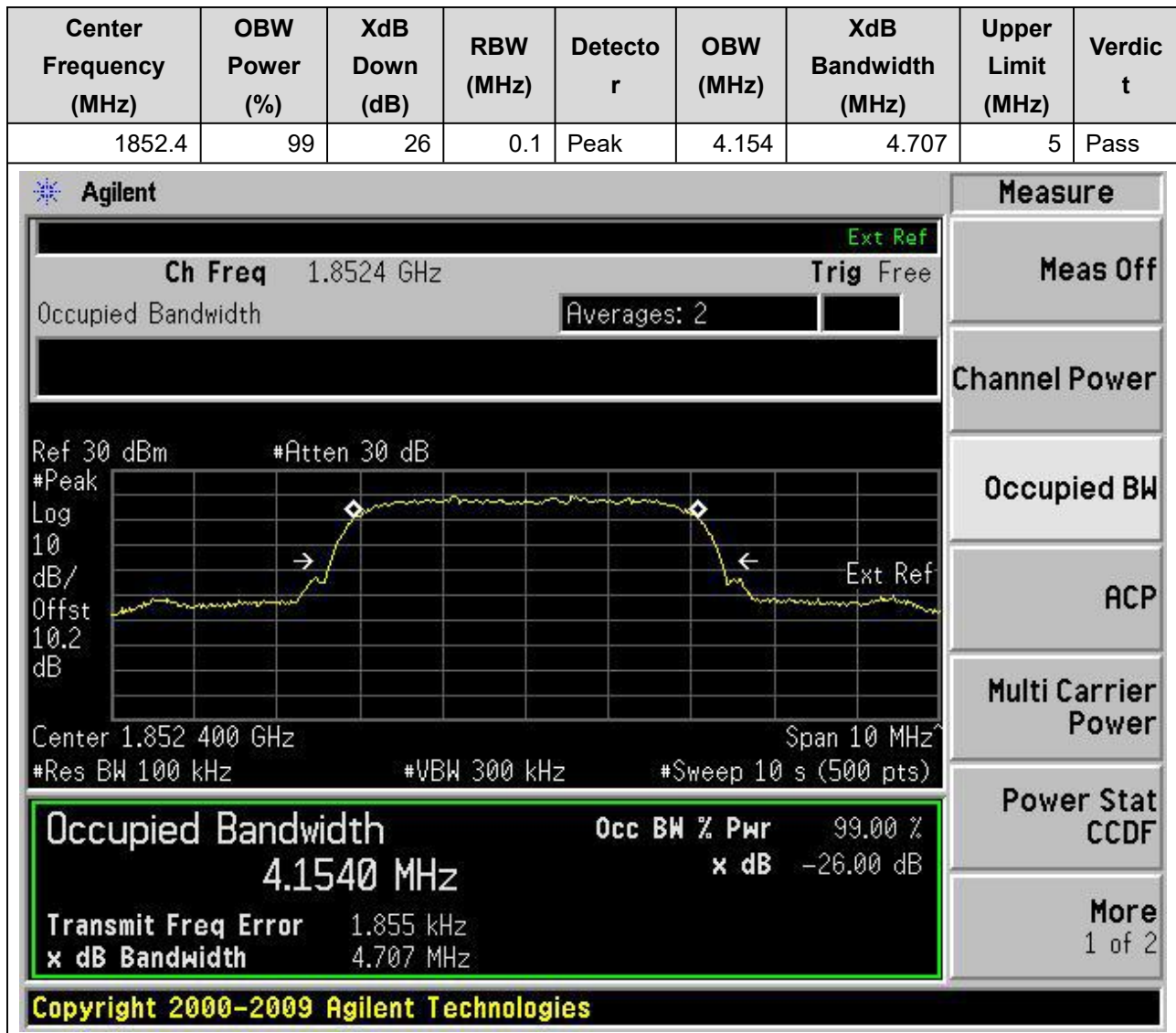
| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1909.8                 | 99            | 26            | 0.004     | Peak     | 0.242     | 0.307               | 0.3               | Pass    |





## 7. WCDMA\_Band2

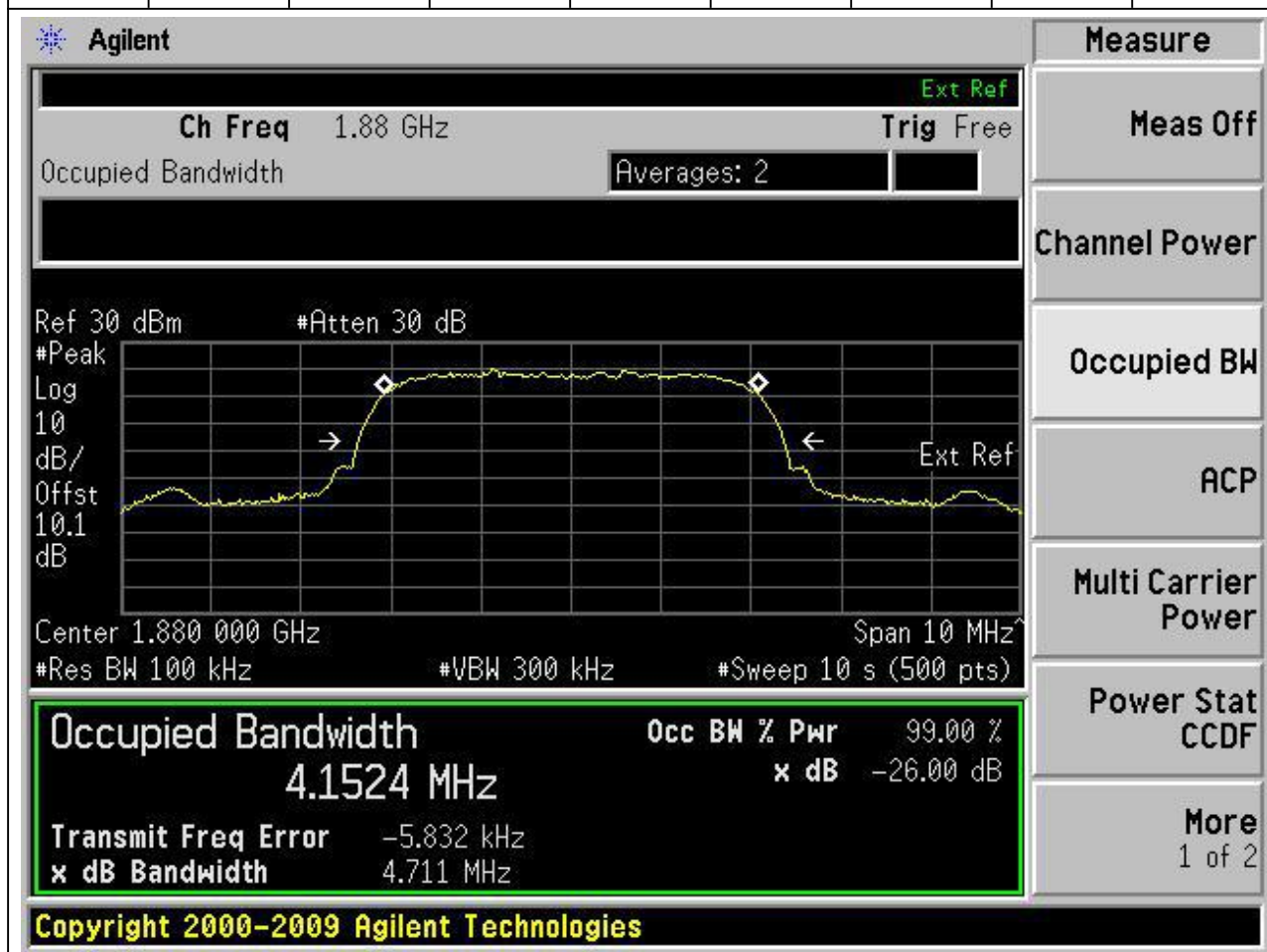
### 7.1 WCDMA Occupied Bandwidth\_Part22-24-27(NTNV)(Channel:9262)





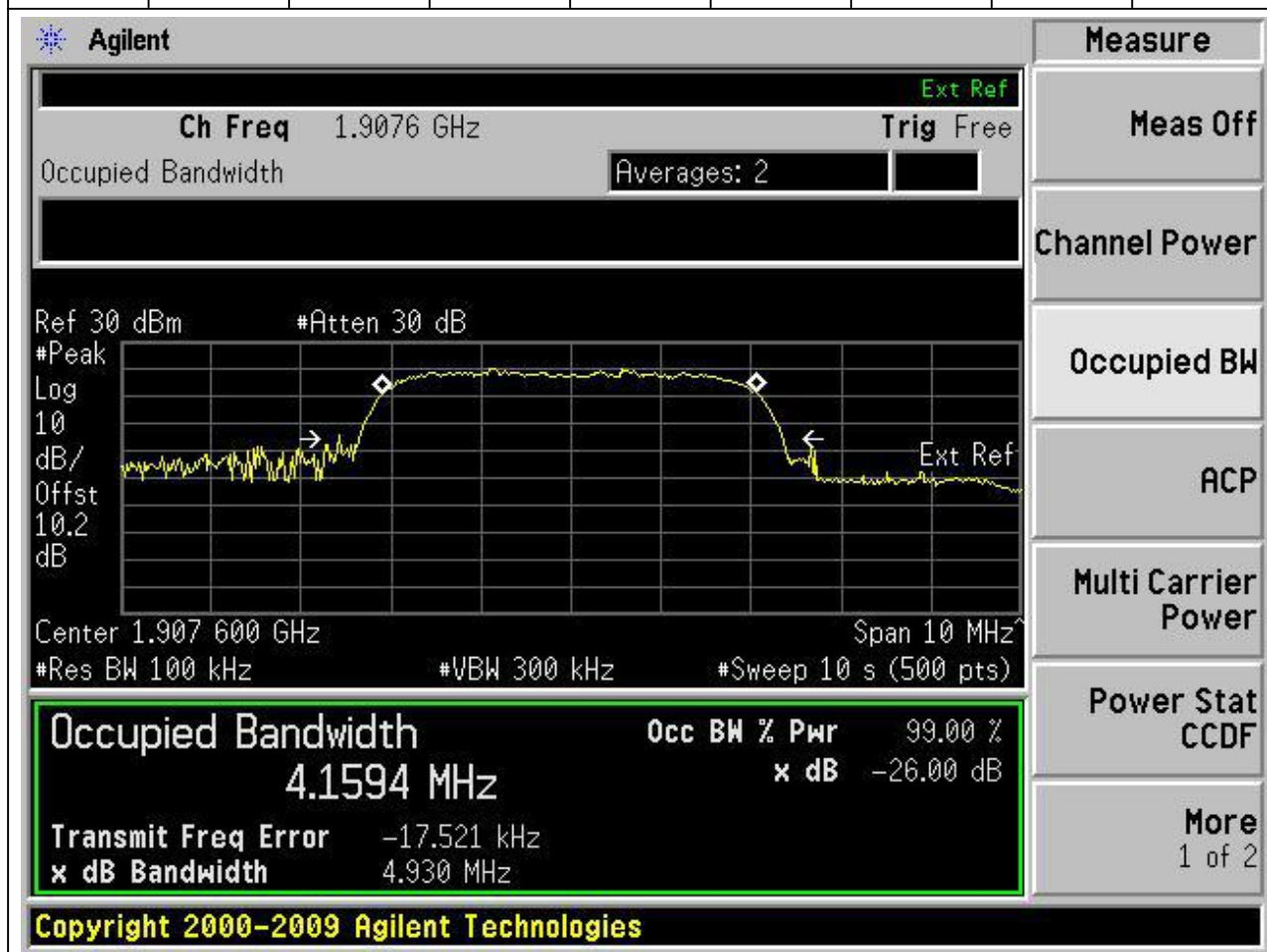
## 7.2 WCDMA Occupied Bandwidth\_Part22-24-27(NTNV)(Channel:9400)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1880                   | 99            | 26            | 0.1       | Peak     | 4.152     | 4.711               | 5                 | Pass    |



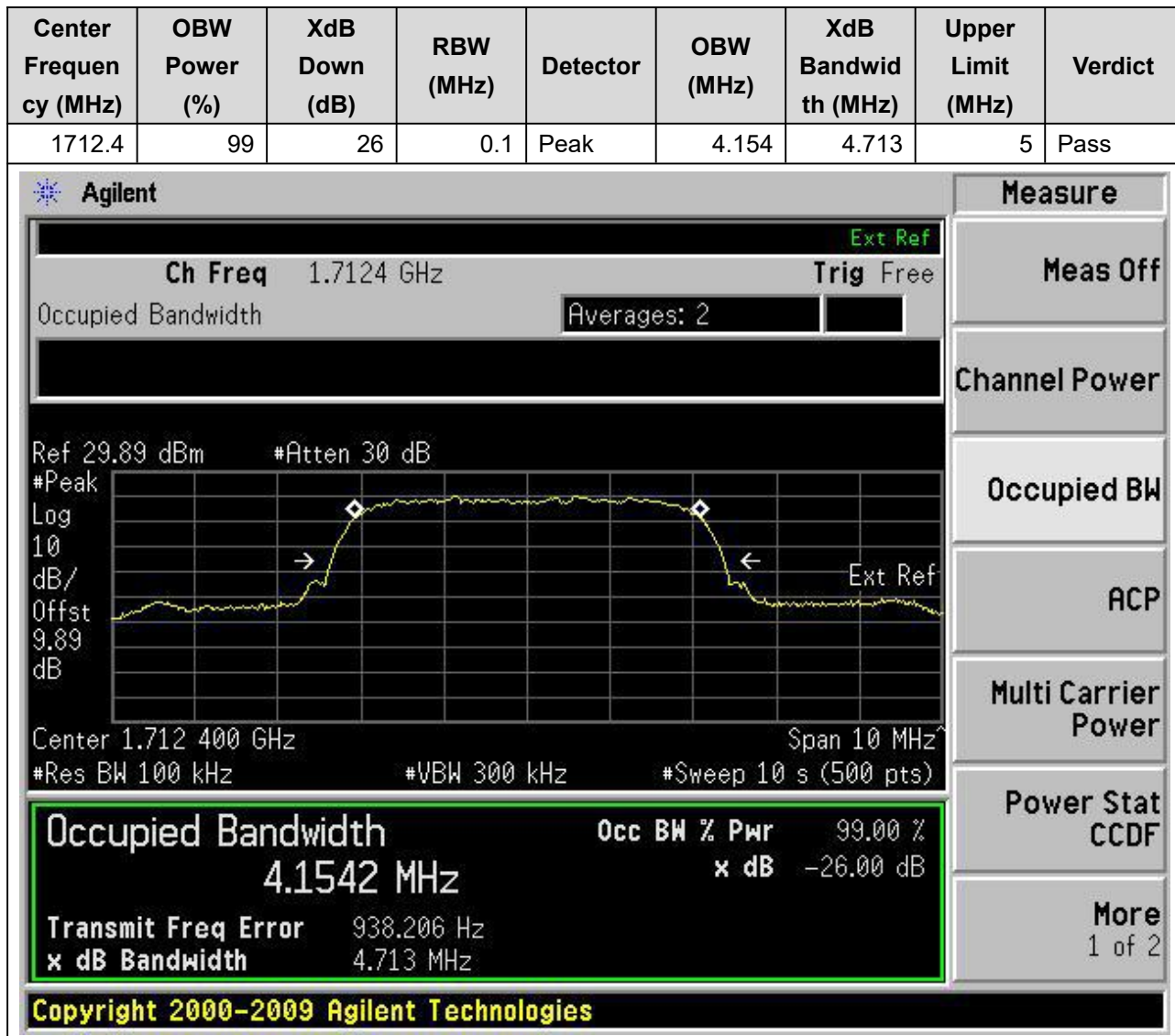
### 7.3 WCDMA Occupied Bandwidth\_Part22-24-27(NTNV)(Channel:9538)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1907.6                 | 99            | 26            | 0.1       | Peak     | 4.159     | 4.93                | 5                 | Pass    |



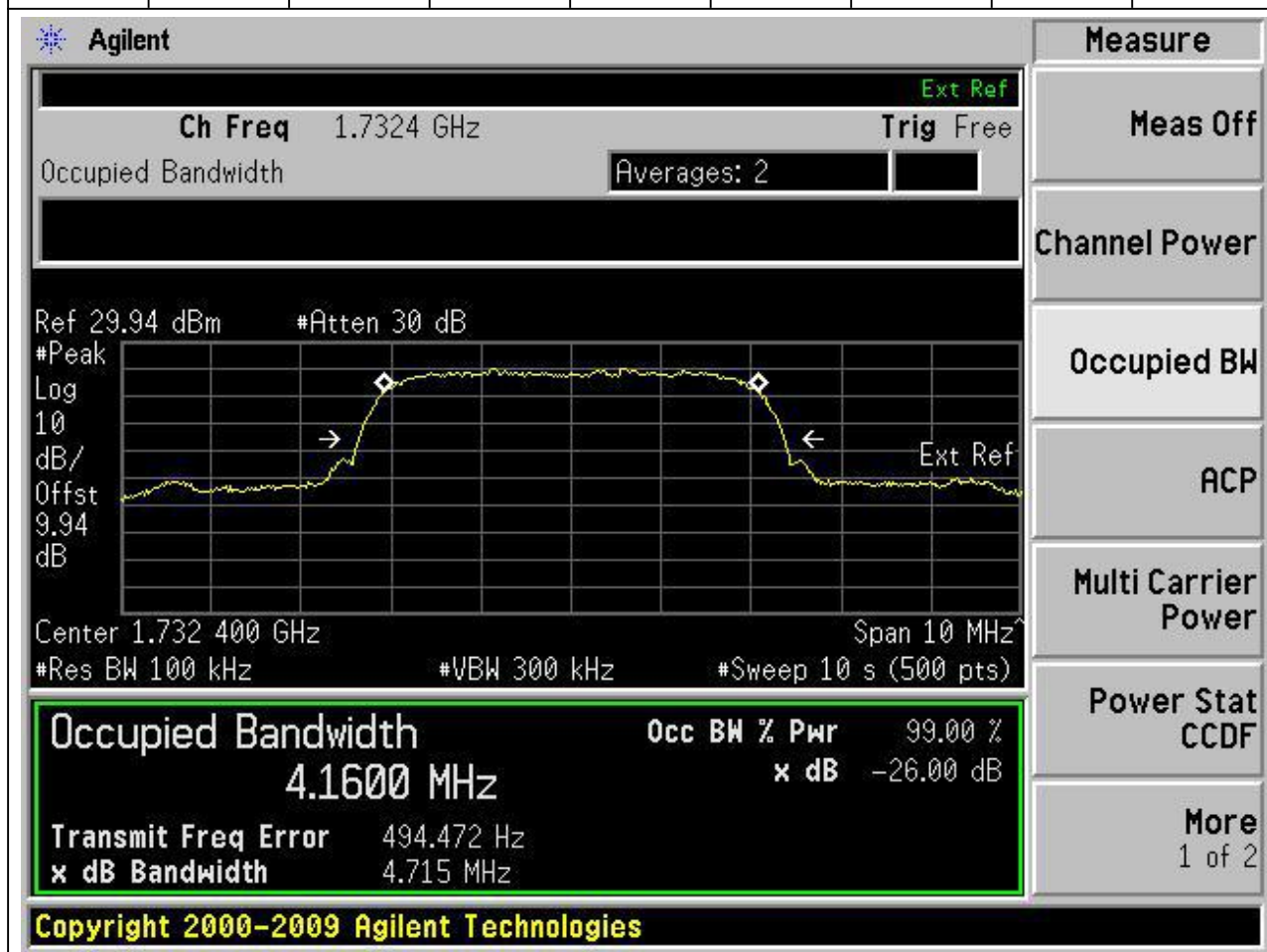
## 8. WCDMA\_Band4

### 8.1 WCDMA Occupied Bandwidth\_Part22-24-27(NTNV)(Channel:1312)



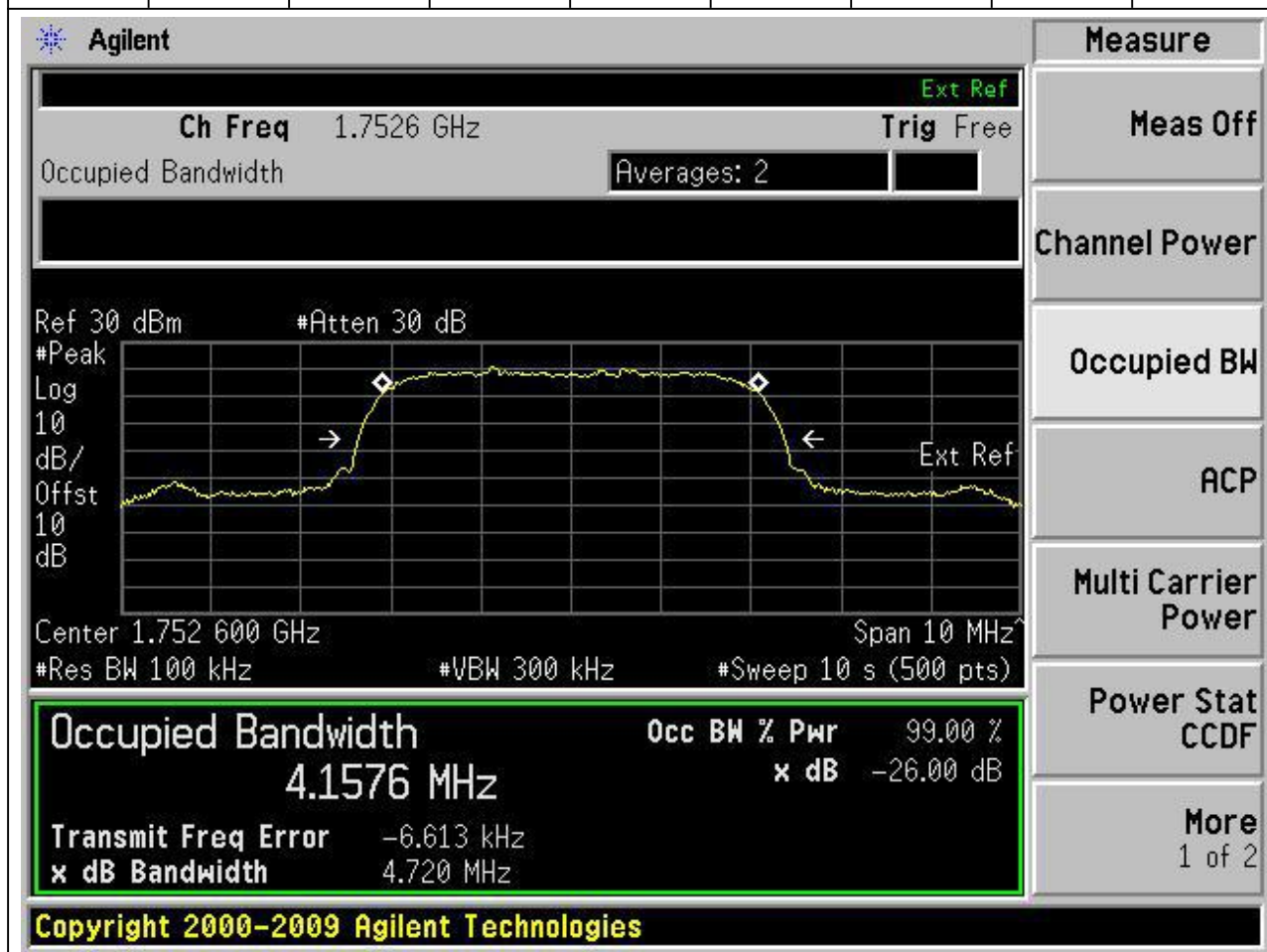
## 8.2 WCDMA Occupied Bandwidth\_Part22-24-27(NTNV)(Channel:1412)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1732.4                 | 99            | 26            | 0.1       | Peak     | 4.16      | 4.715               | 5                 | Pass    |



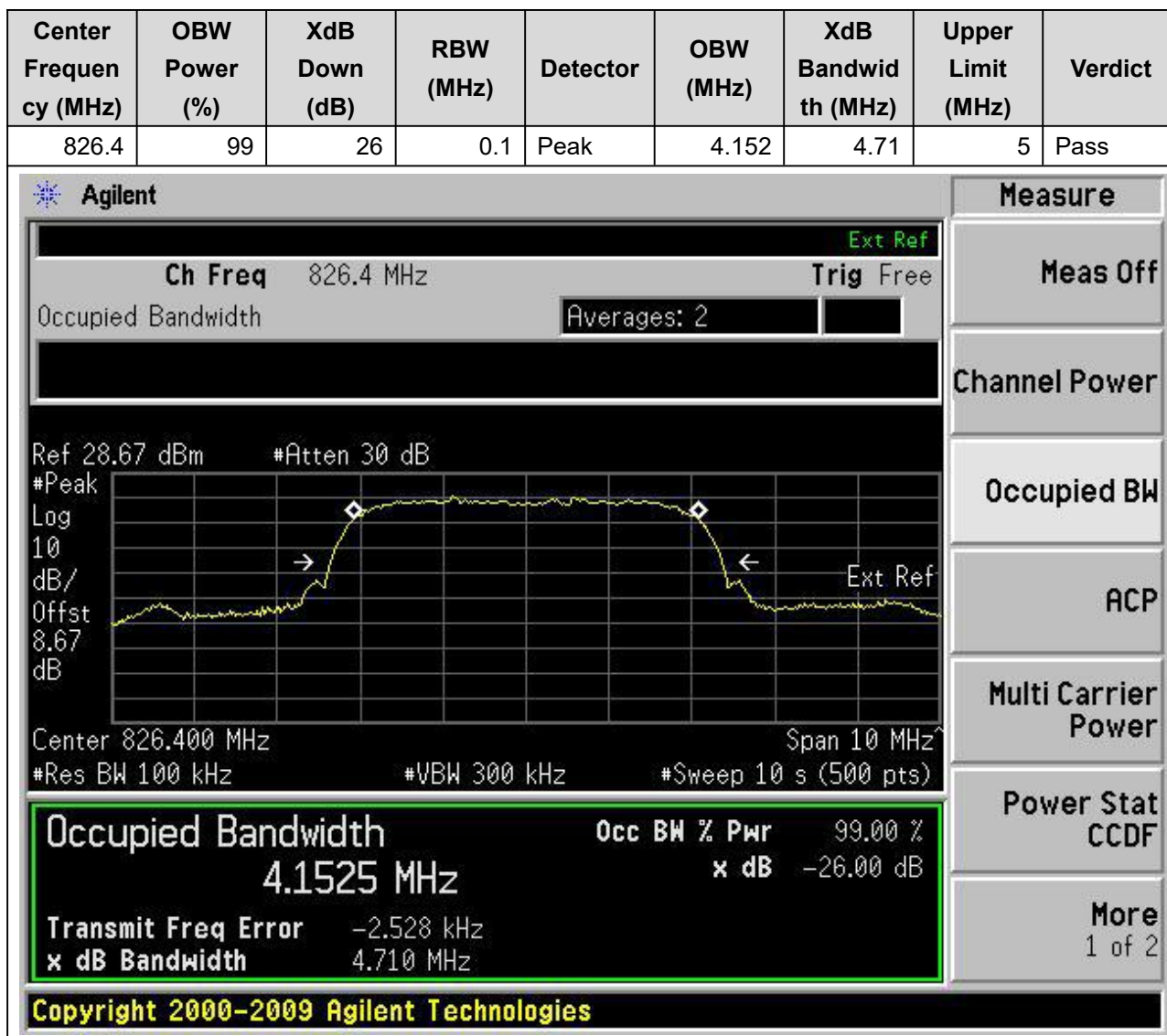
### 8.3 WCDMA Occupied Bandwidth\_Part22-24-27(NTNV)(Channel:1513)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1752.6                 | 99            | 26            | 0.1       | Peak     | 4.158     | 4.72                | 5                 | Pass    |



## 9. WCDMA\_Band5

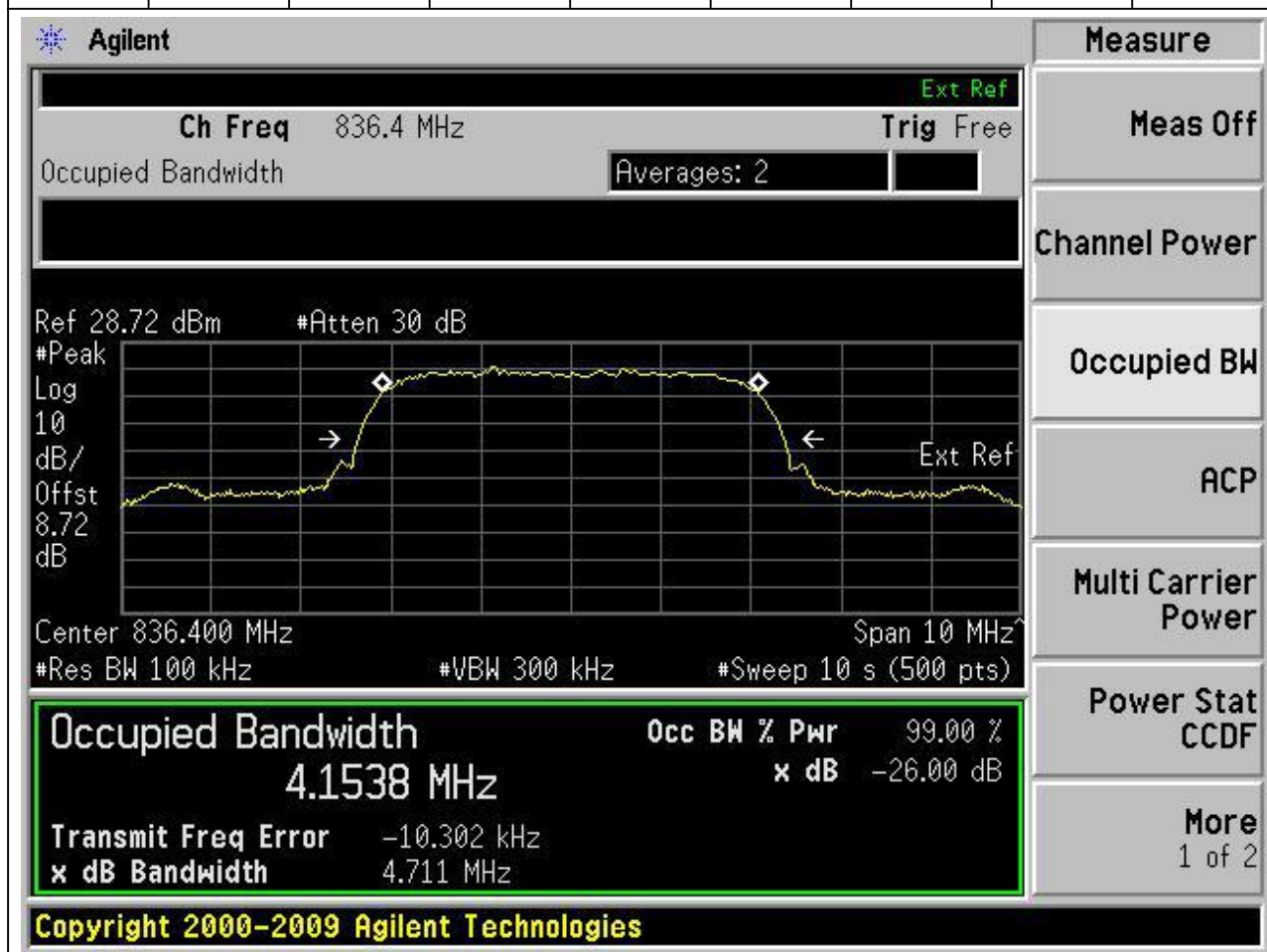
### 9.1 WCDMA Occupied Bandwidth\_Part22-24-27(NTNV)(Channel:4132)





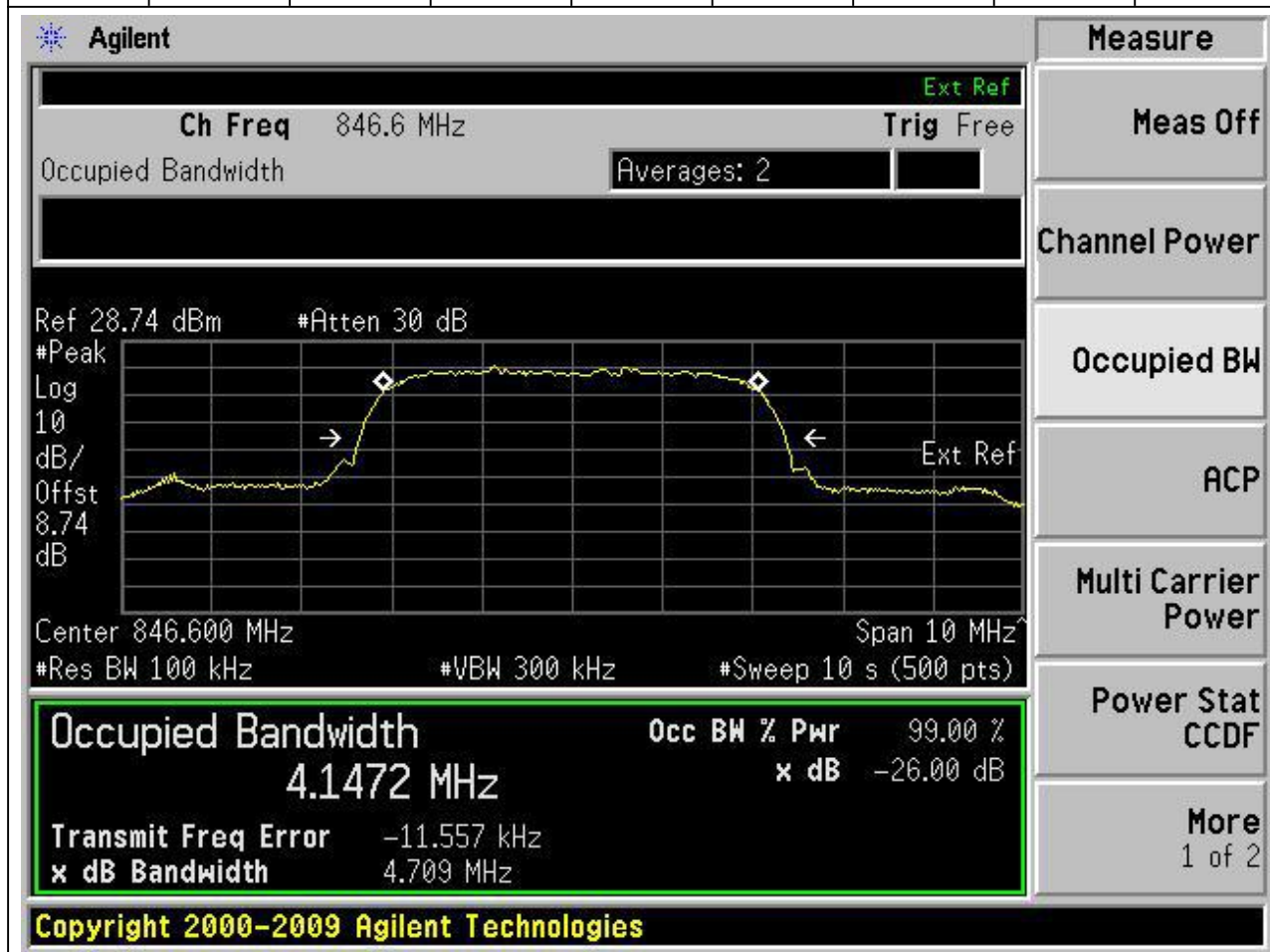
## 9.2 WCDMA Occupied Bandwidth\_Part22-24-27(NTNV)(Channel:4182)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 836.4                  | 99            | 26            | 0.1       | Peak     | 4.154     | 4.711               | 5                 | Pass    |



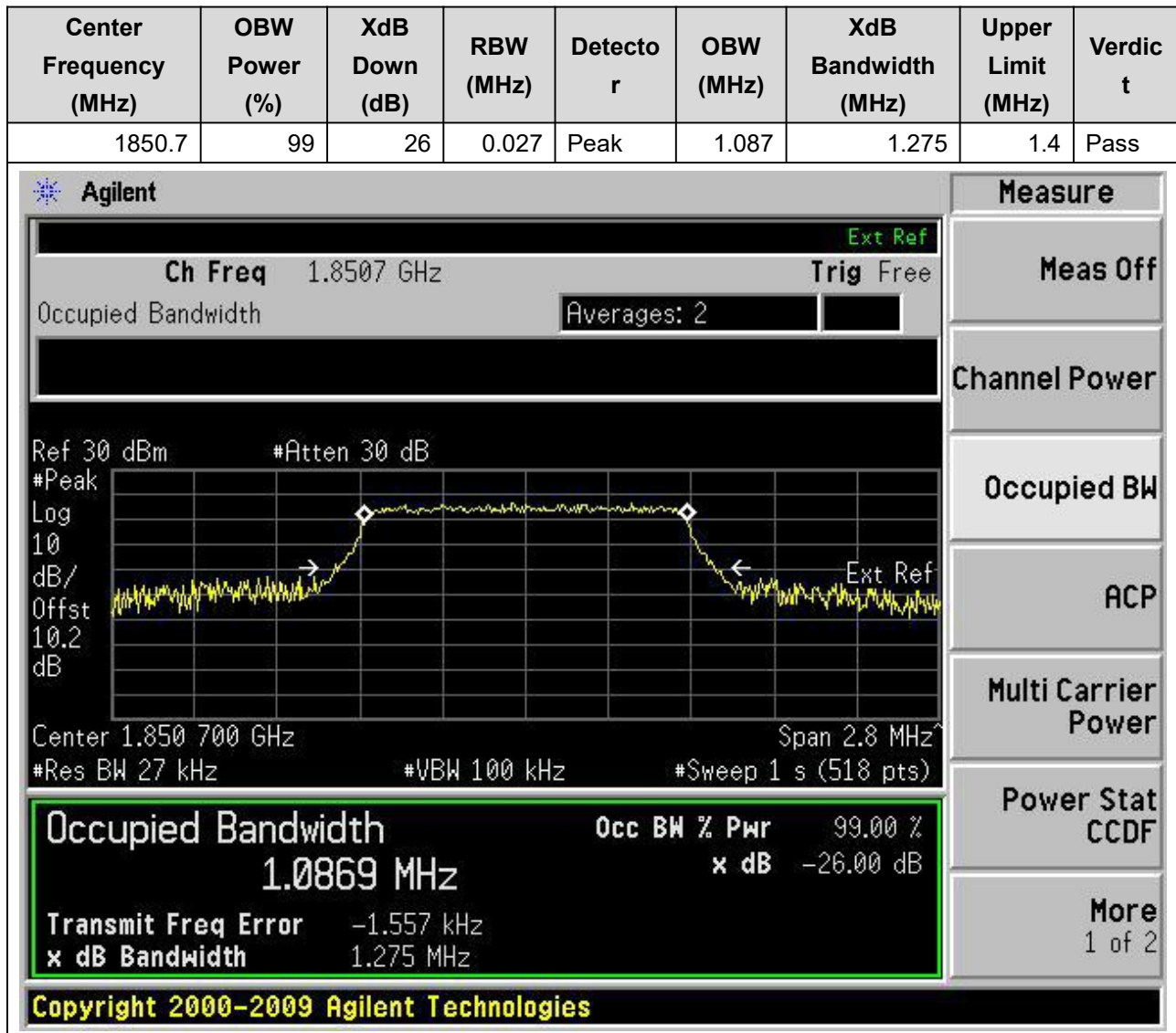
### 9.3 WCDMA Occupied Bandwidth\_Part22-24-27(NTNV)(Channel:4233)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 846.6                  | 99            | 26            | 0.1       | Peak     | 4.147     | 4.709               | 5                 | Pass    |

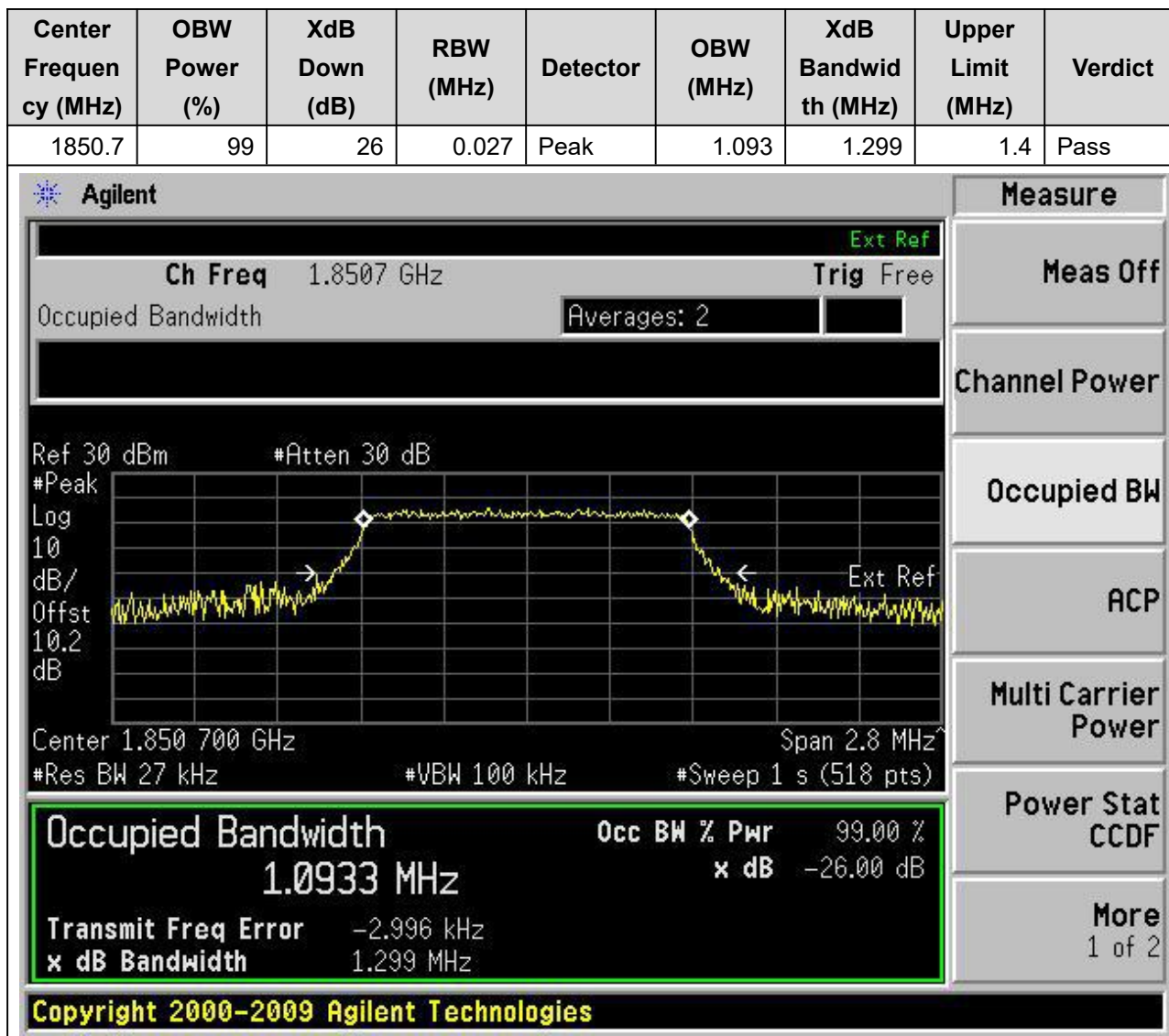


## 10. LTE\_Band2

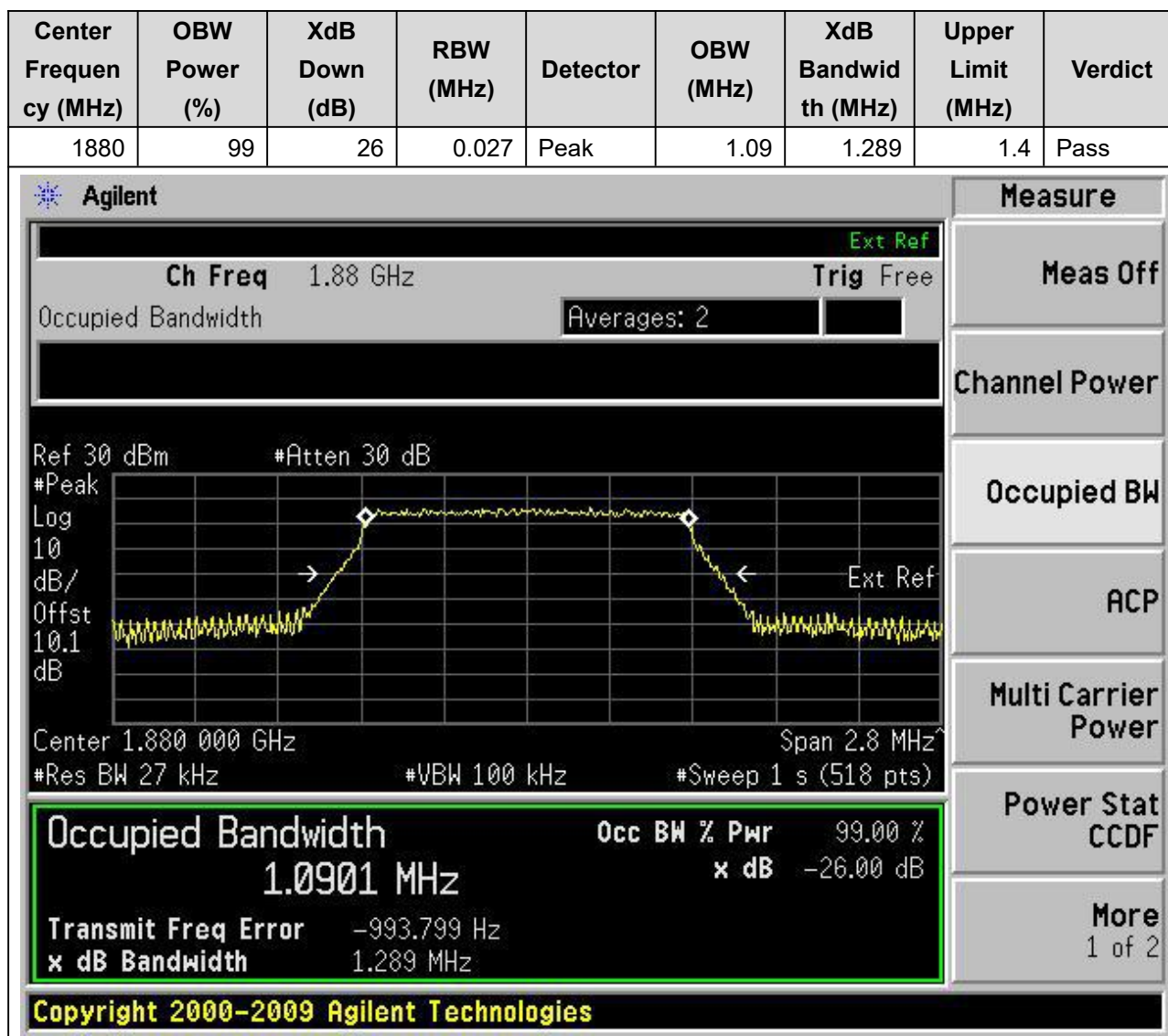
10.1 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:1, Channel:18607, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



## 10.2 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:2, Channel:18607, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

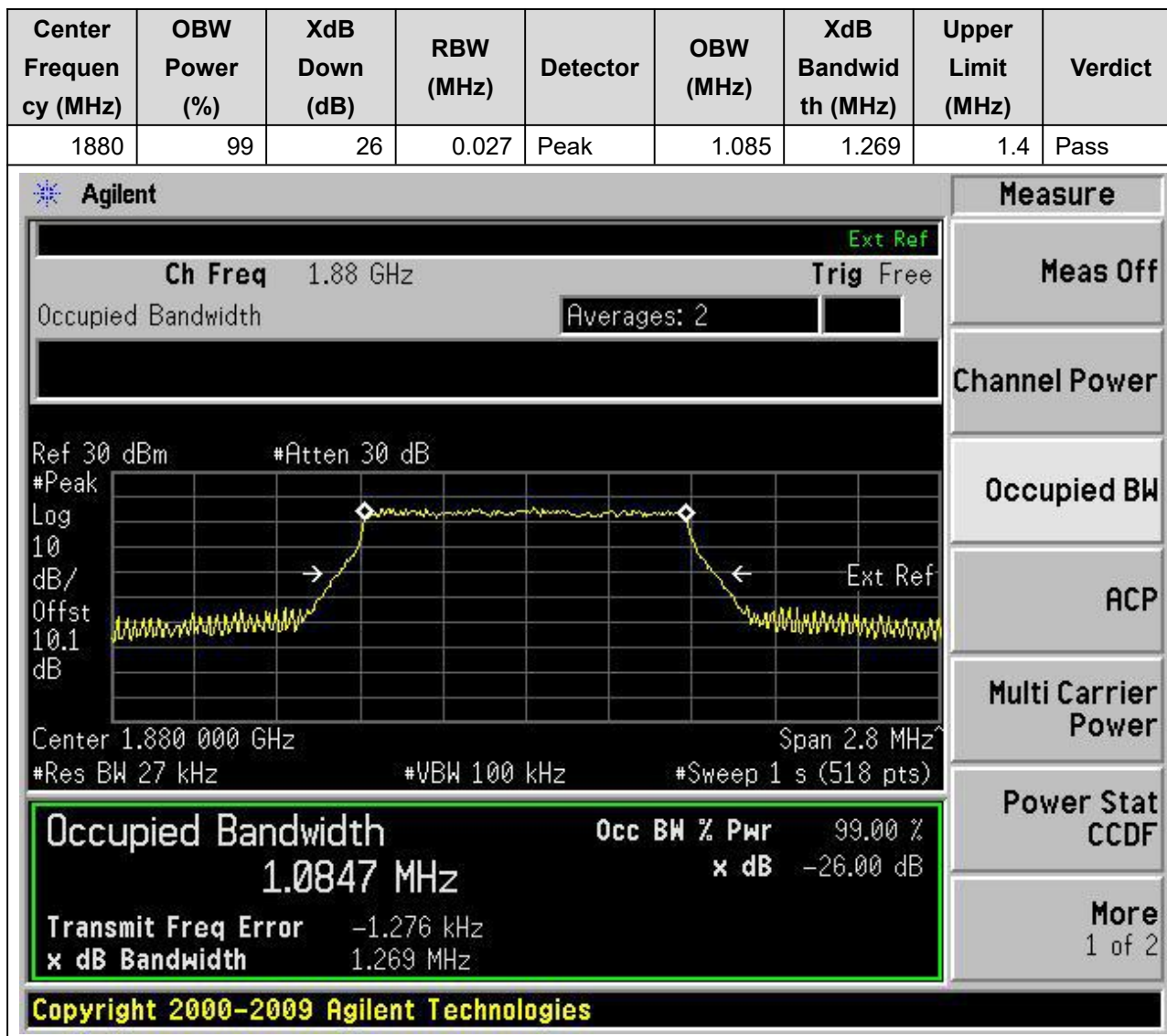


### 10.3 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:3, Channel:18900, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



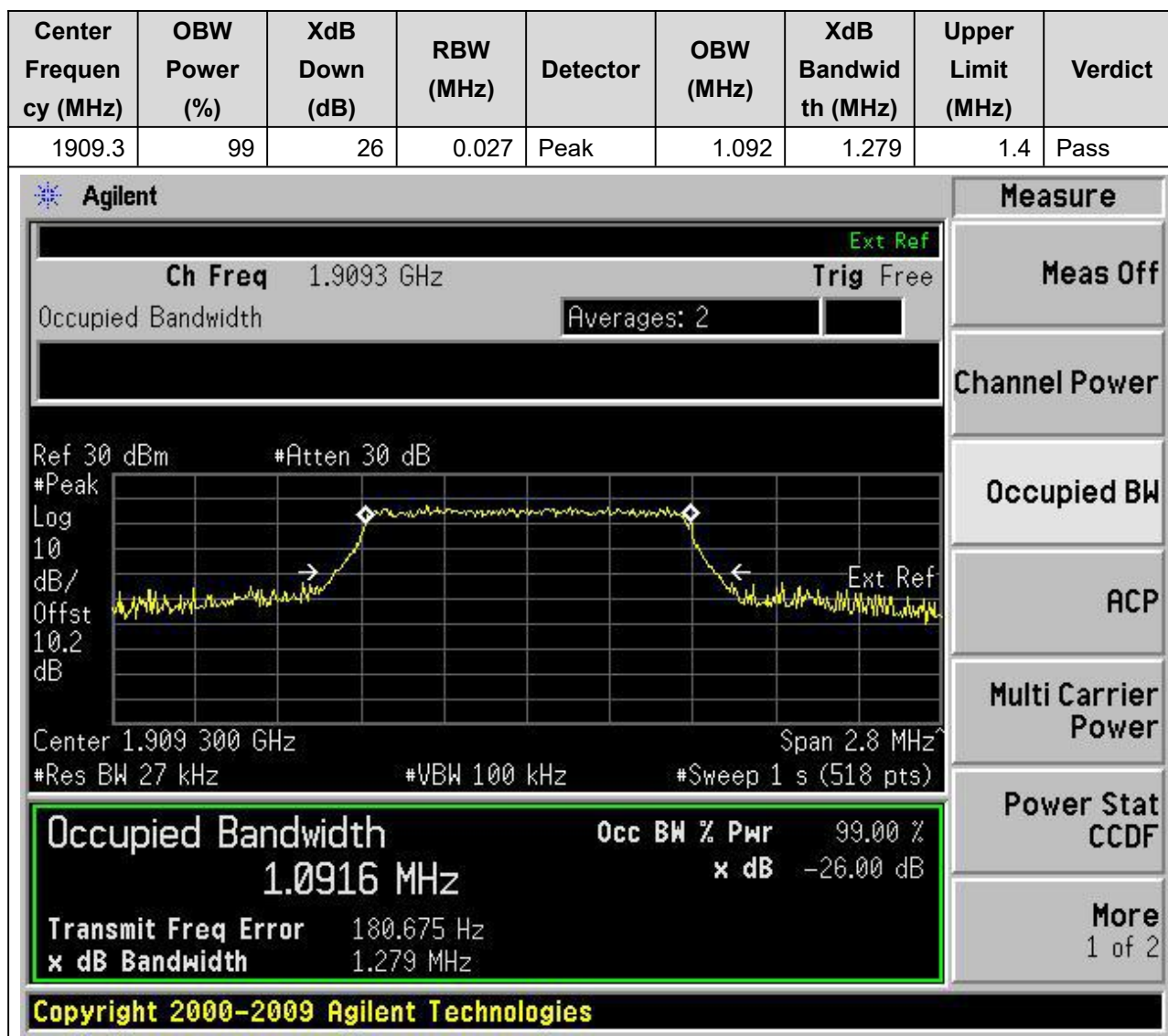


# 10.4 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:4, Channel:18900, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

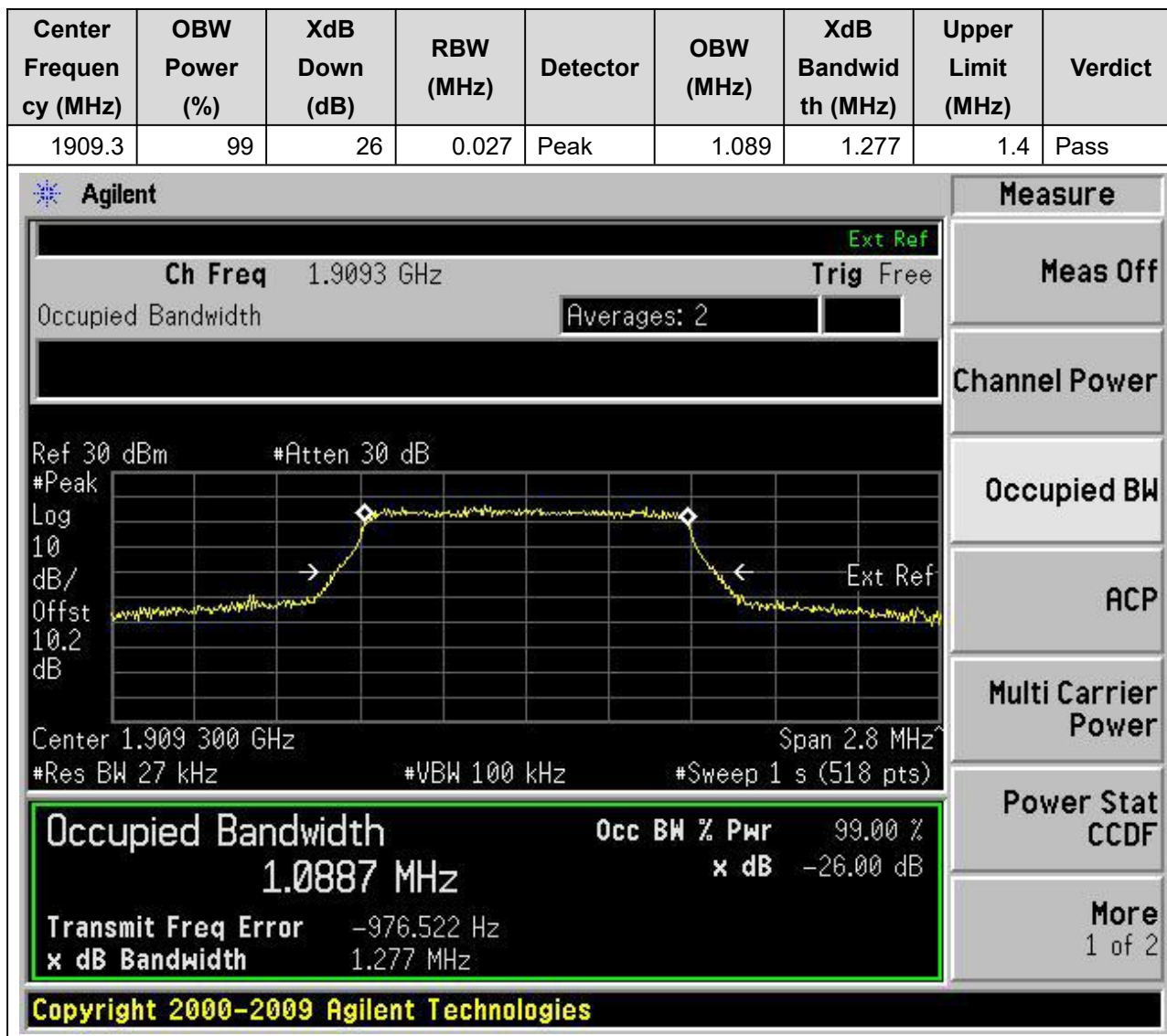




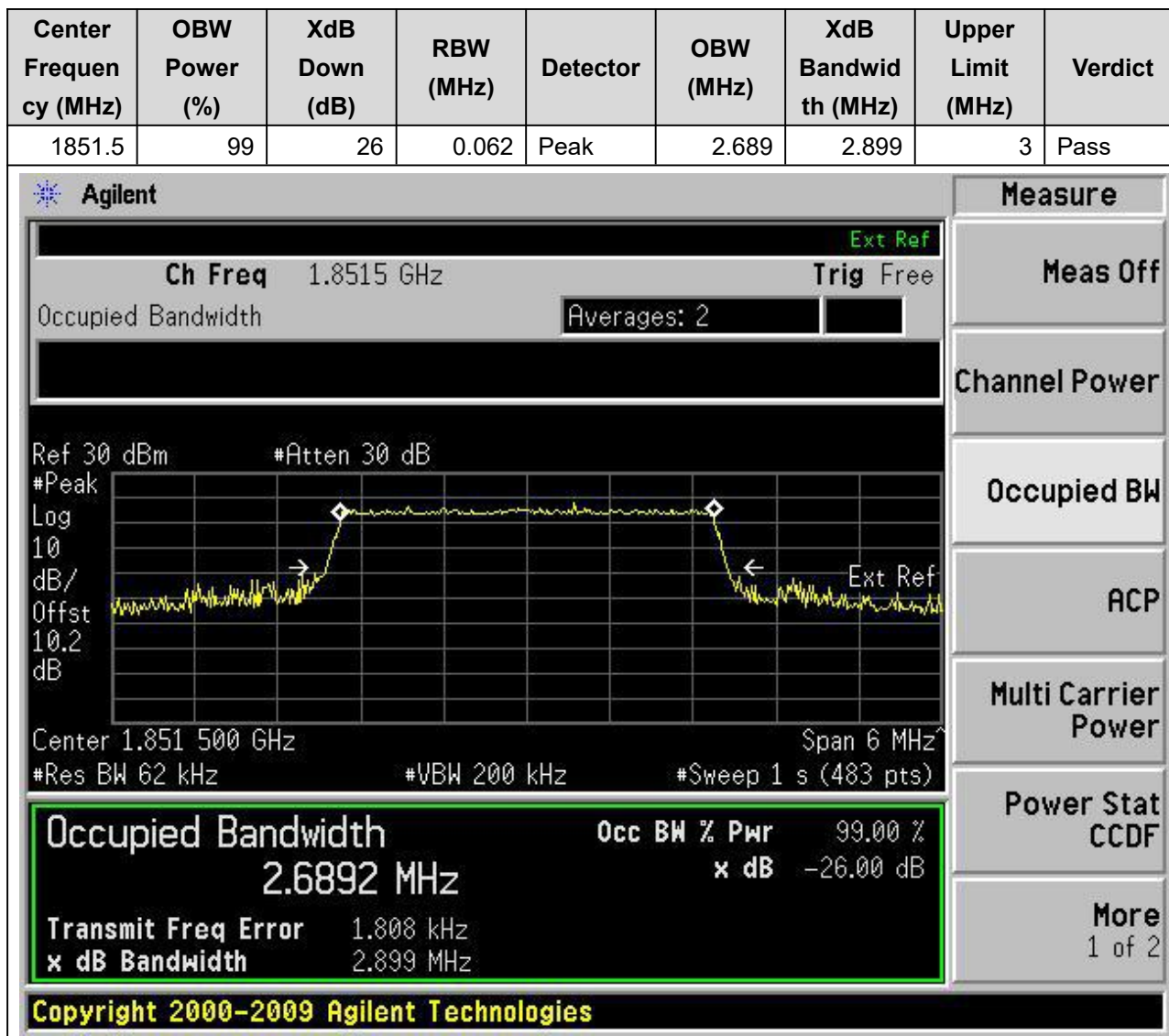
**10.5 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:5, Channel:19193, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)**



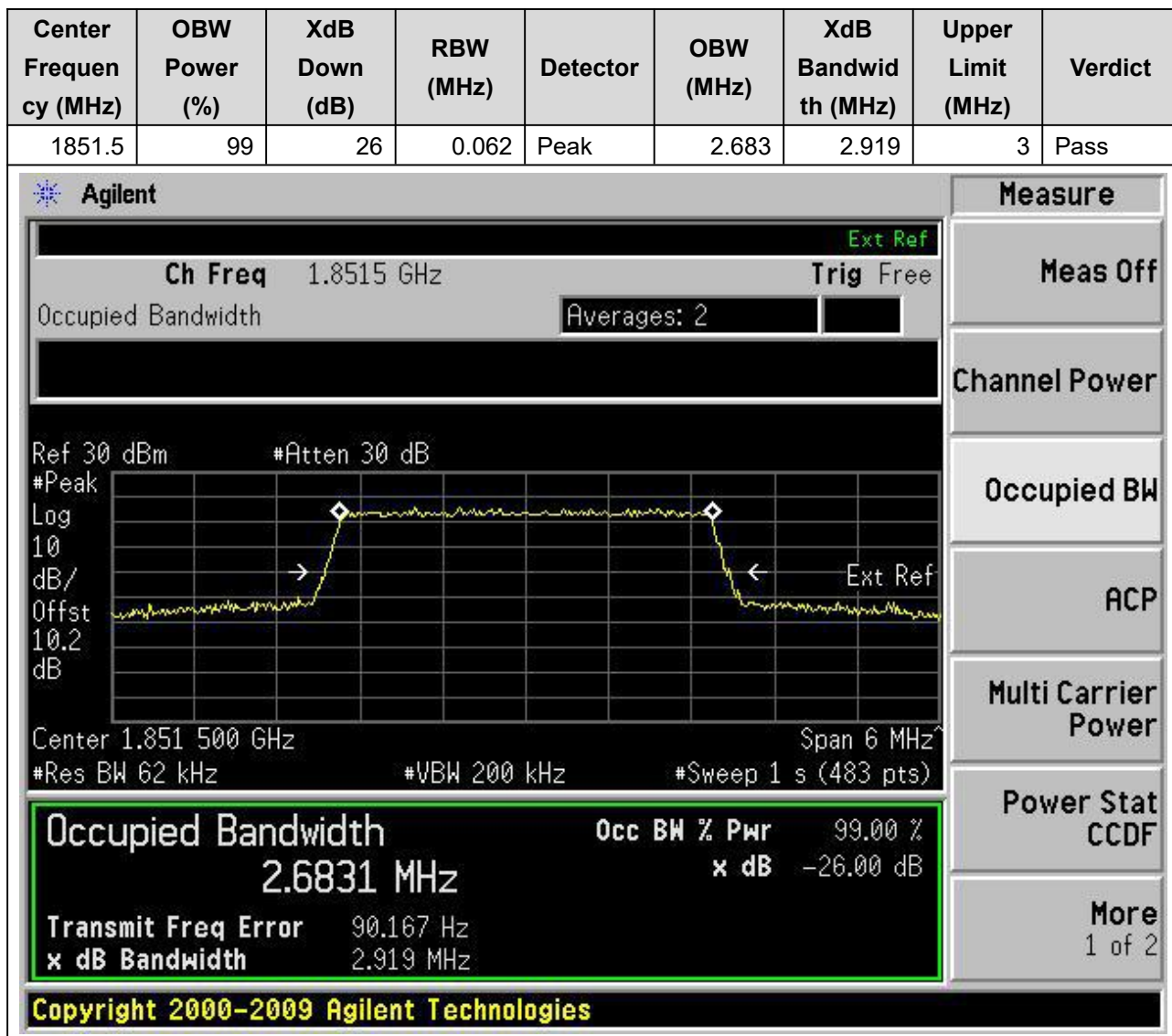
**10.6 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:6, Channel:19193, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)**



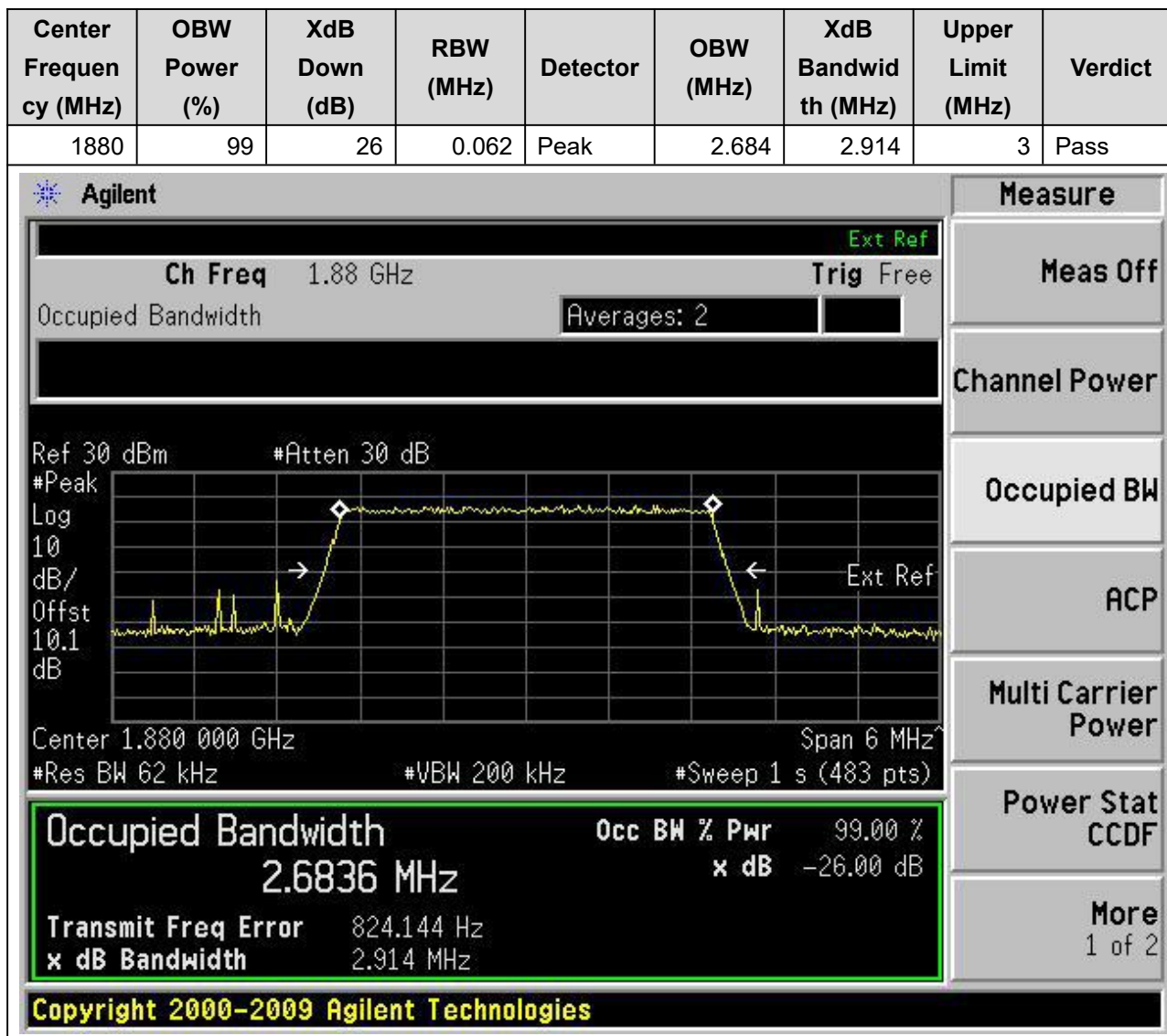
**10.7 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:7, Channel:18615, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)**



# 10.8 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:8, Channel:18615, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

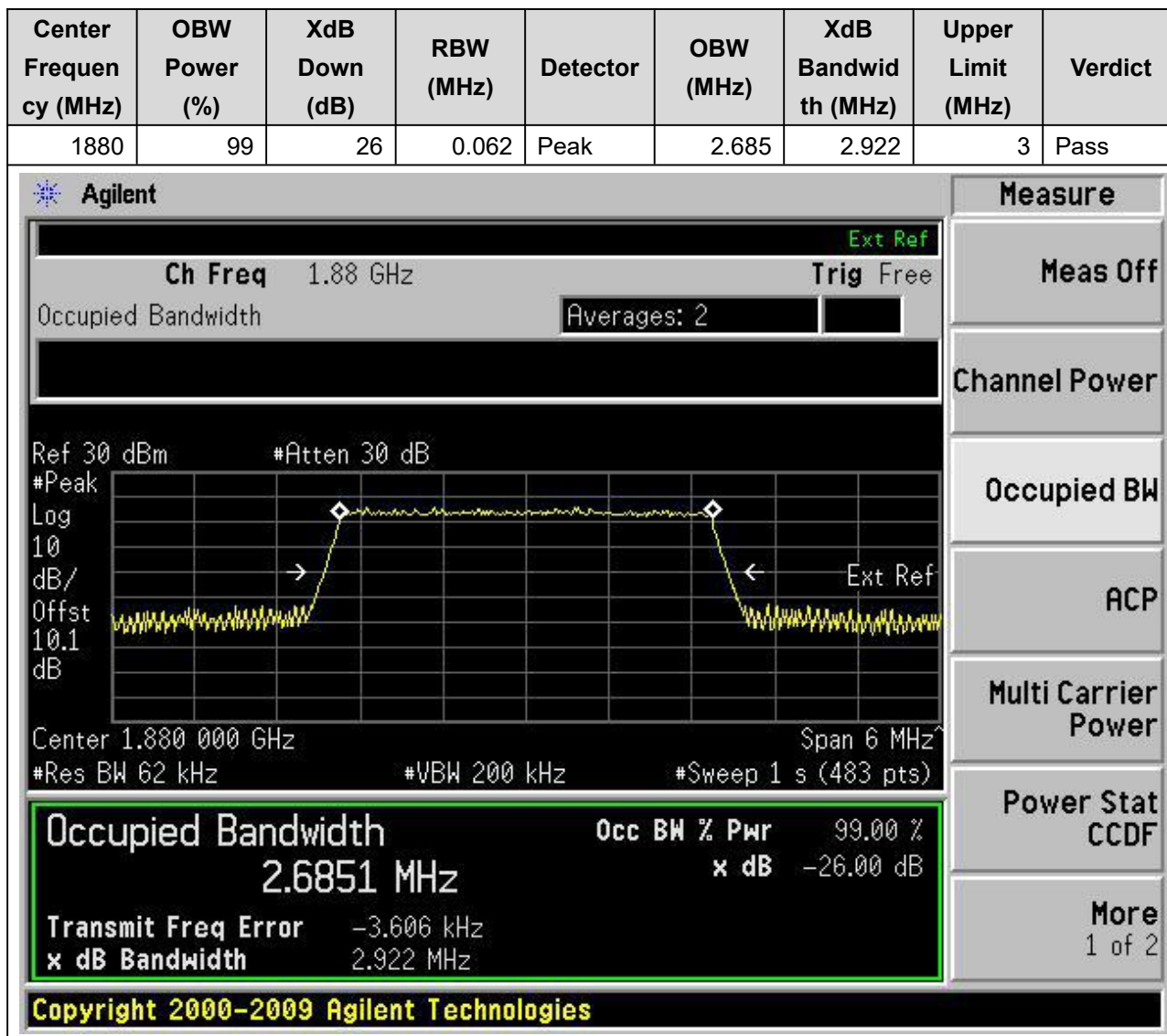


# 10.9 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:9, Channel:18900, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)



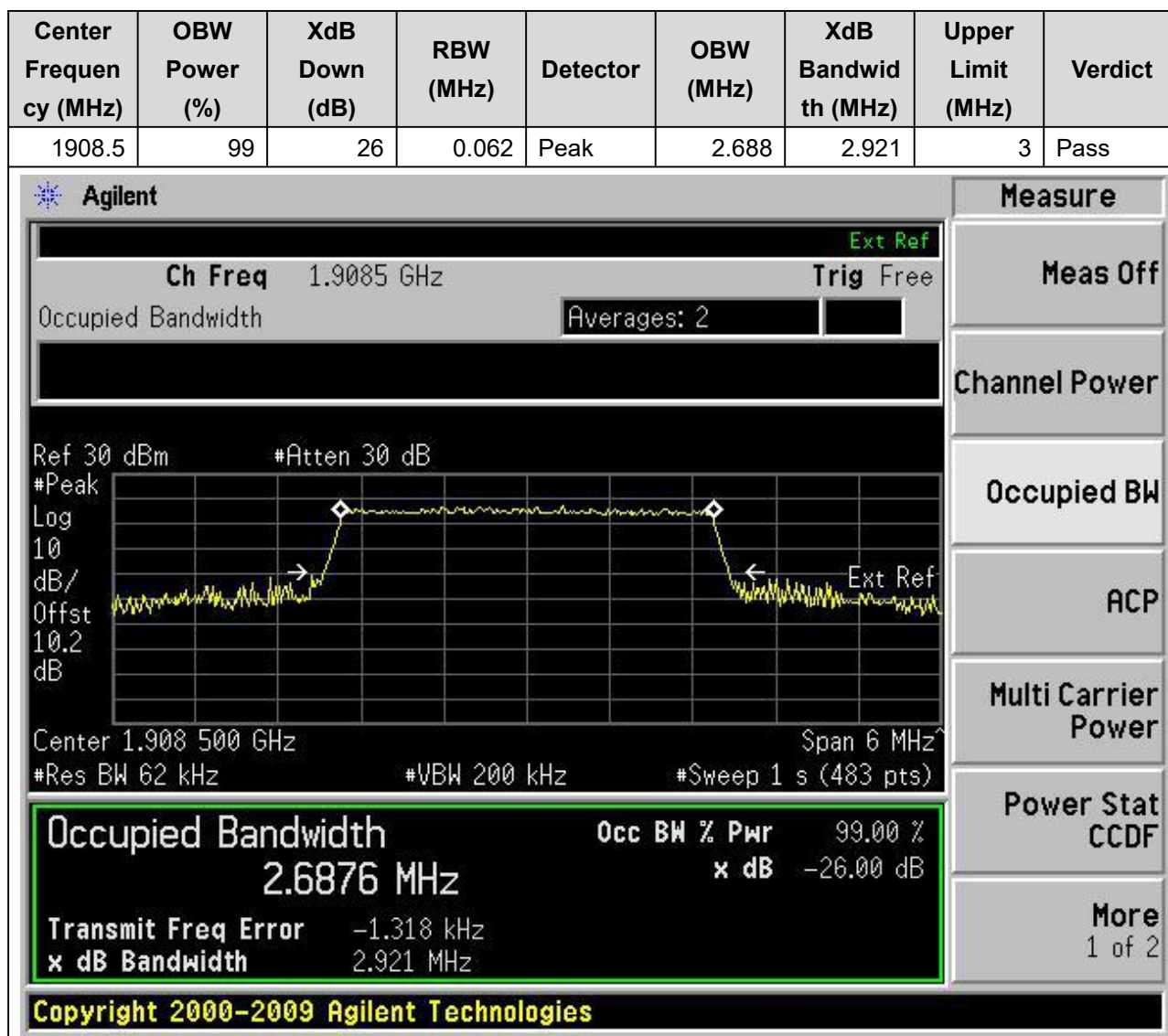


# 10.10 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:10, Channel:18900, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

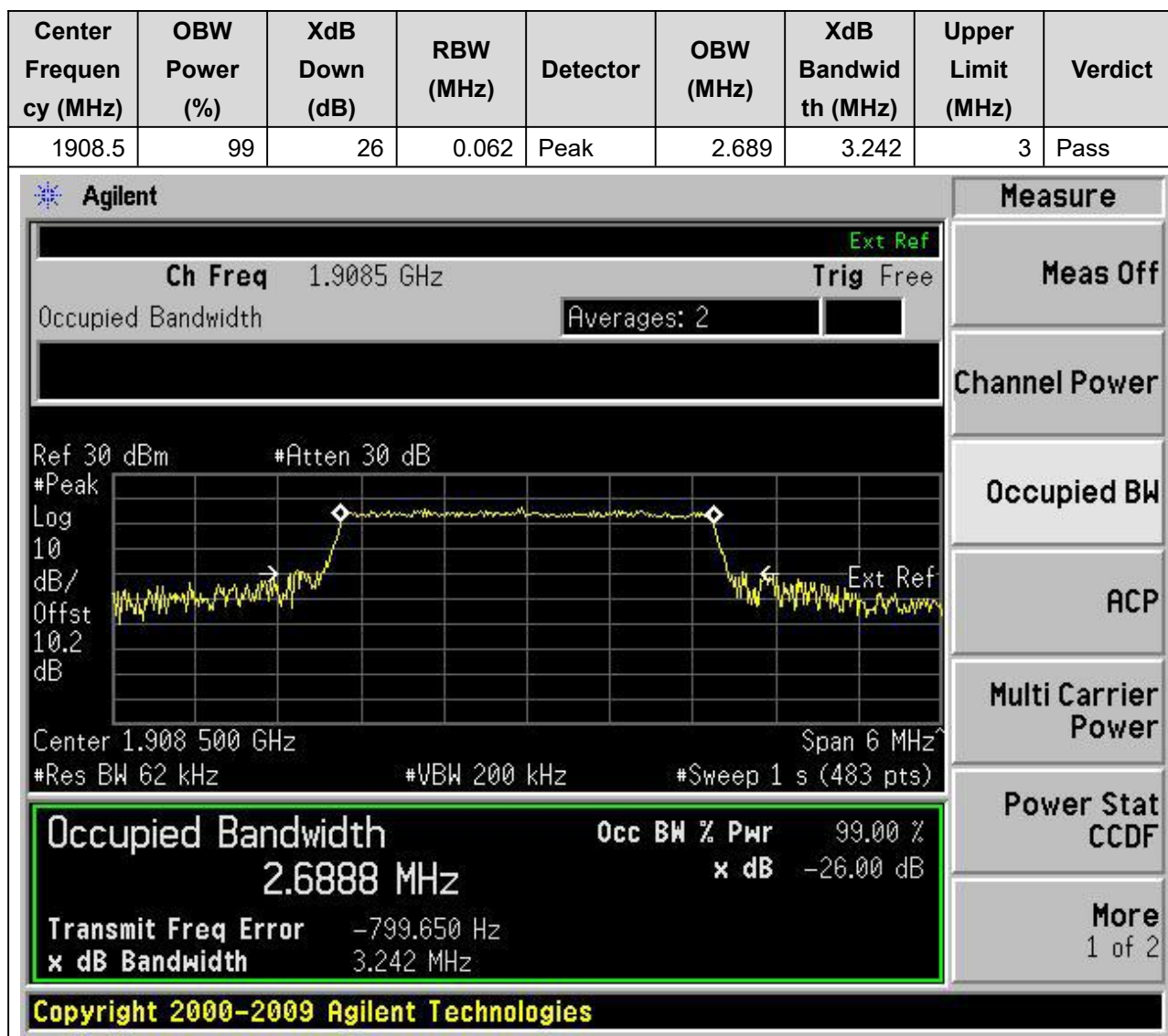




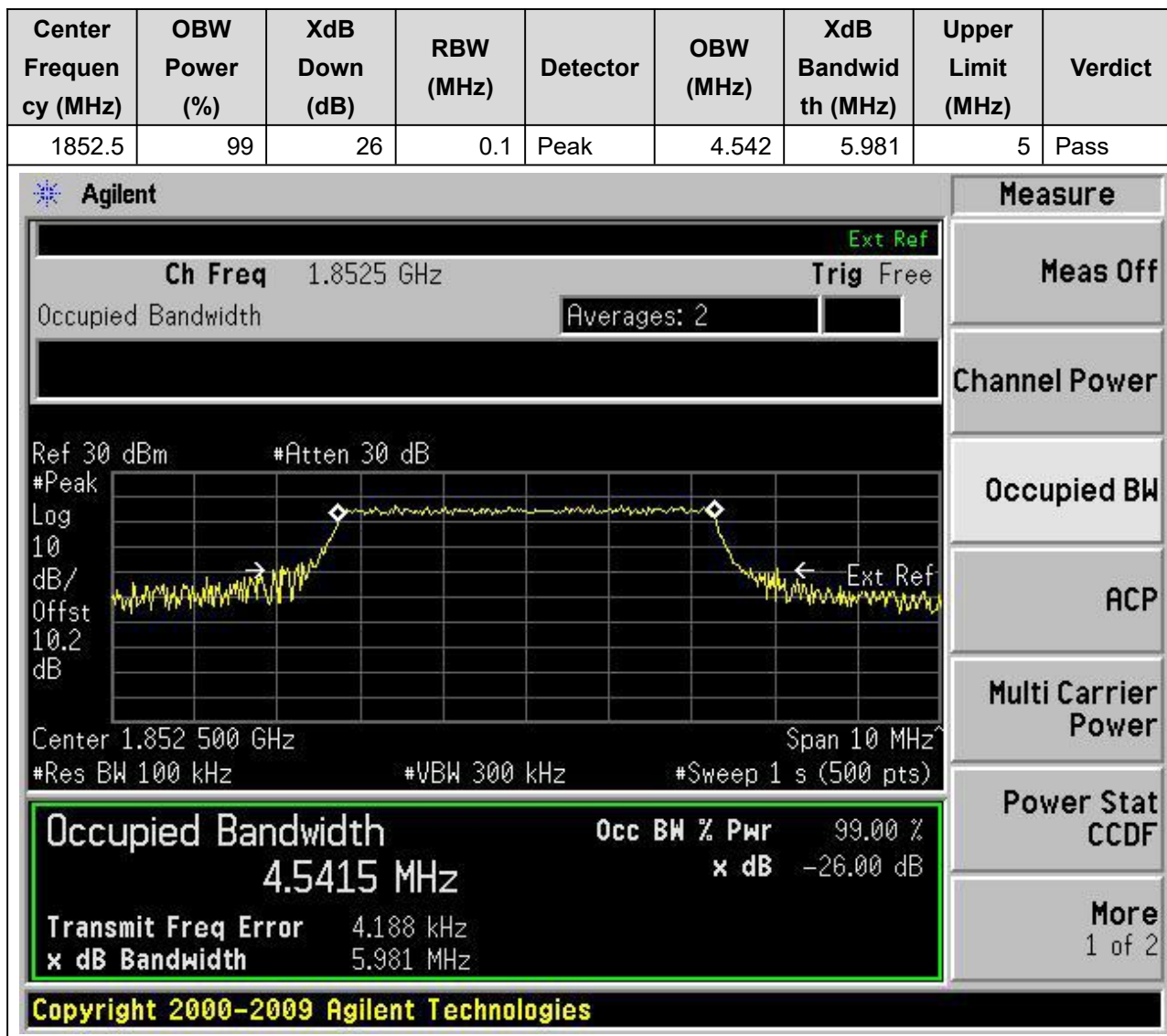
**10.11 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:11, Channel:19185, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)**



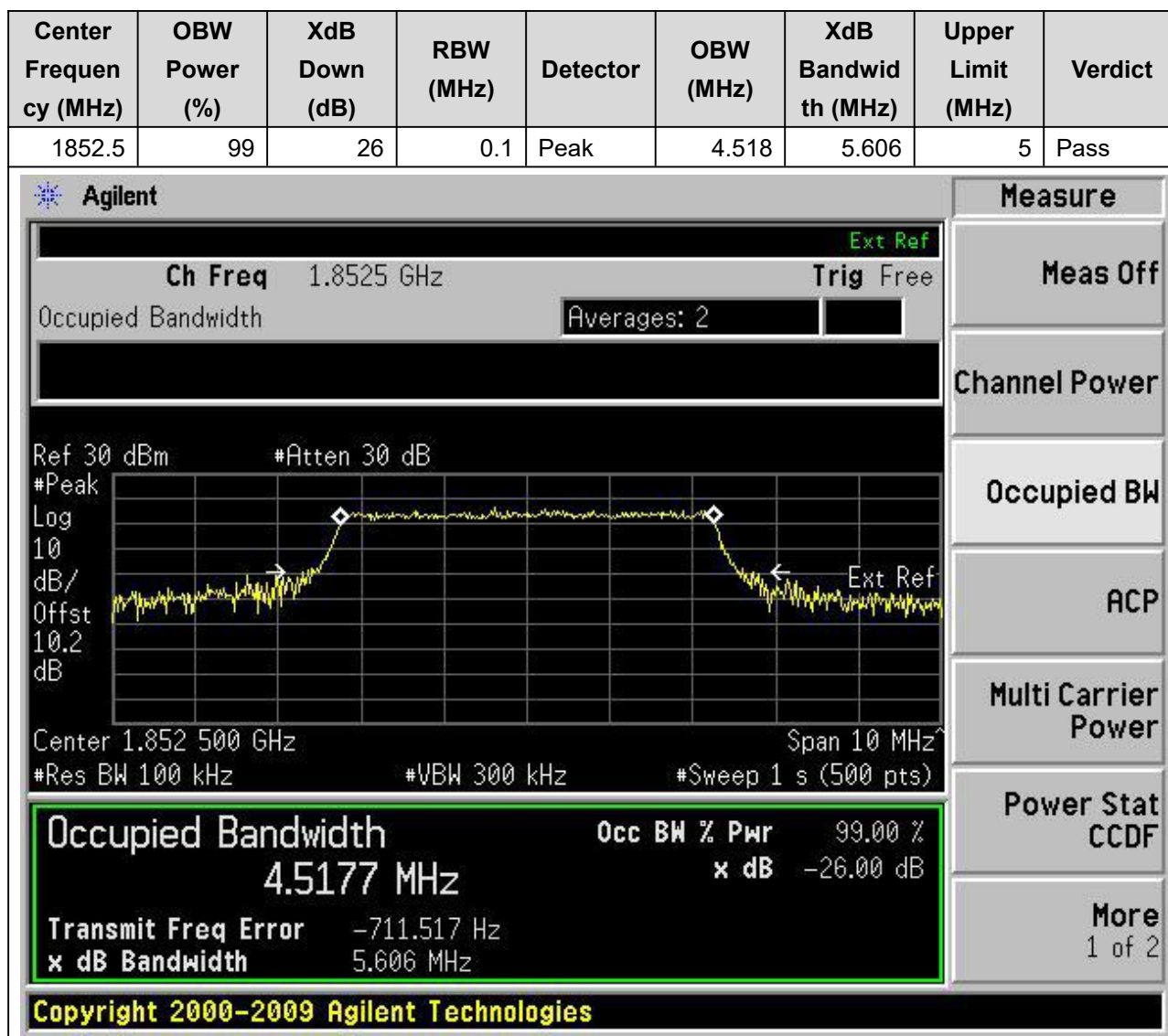
# 10.12 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:12, Channel:19185, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)



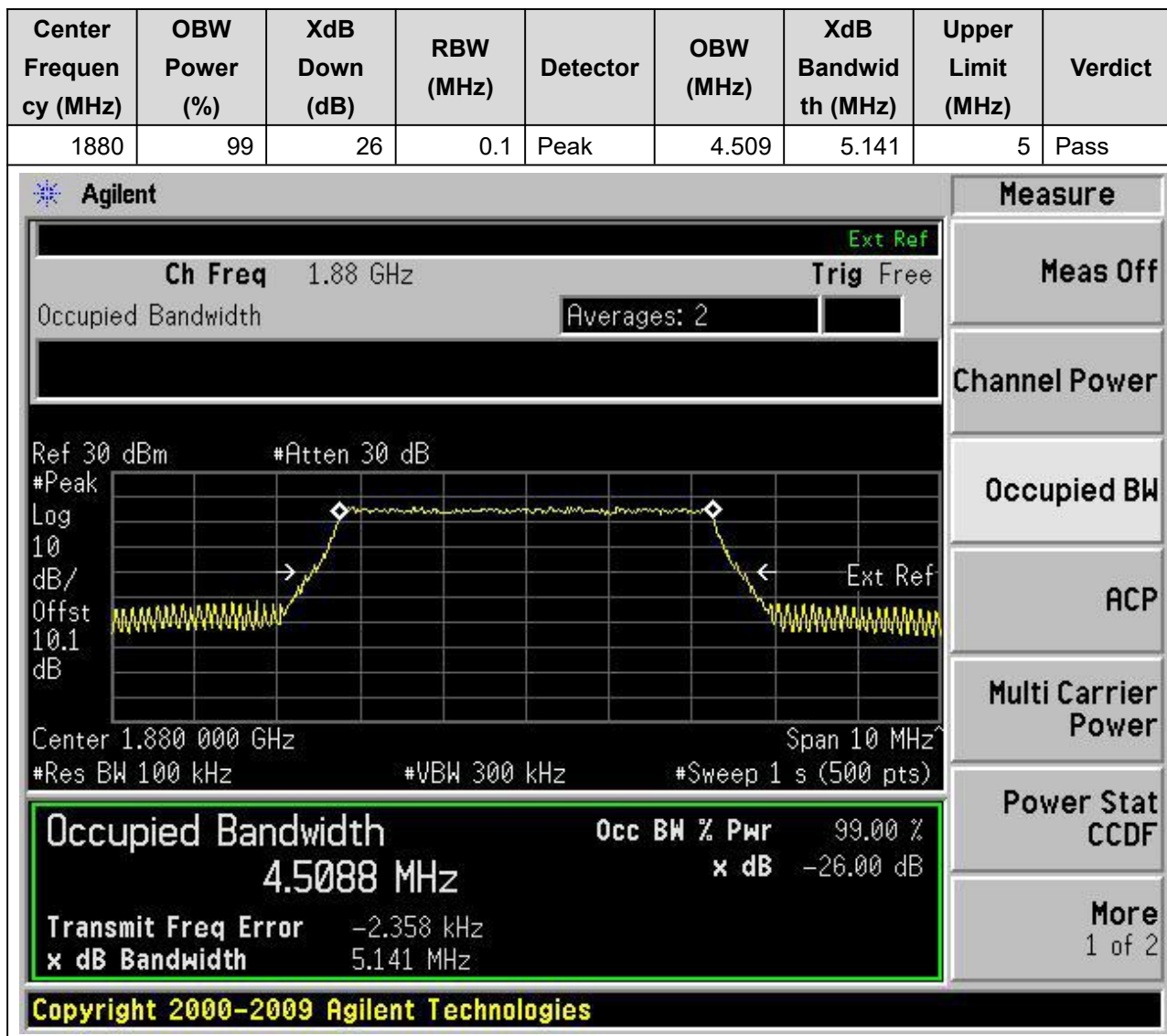
### 10.13 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:13, Channel:18625, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



# 10.14 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:14, Channel:18625, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

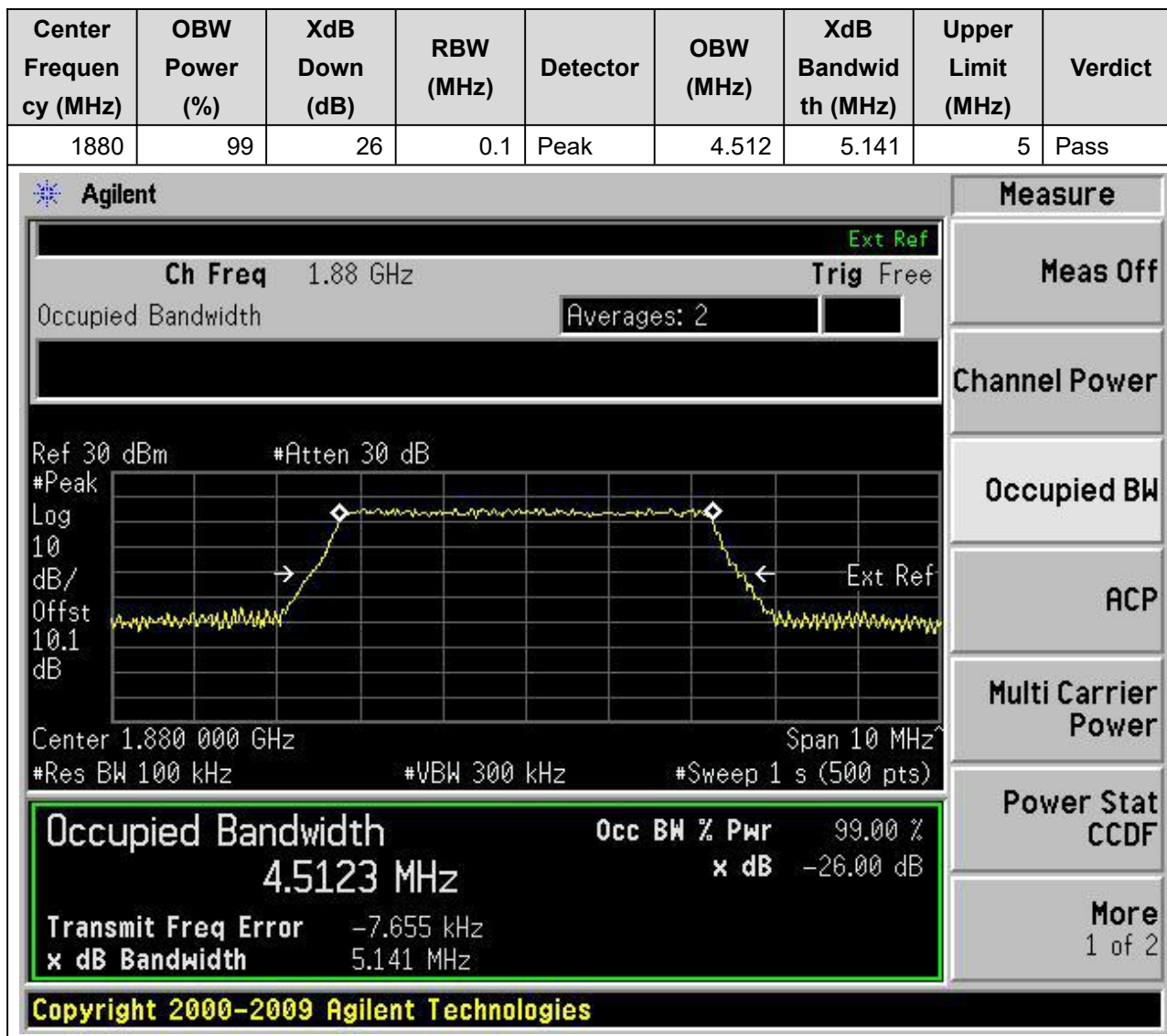


**10.15 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:15, Channel:18900, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**



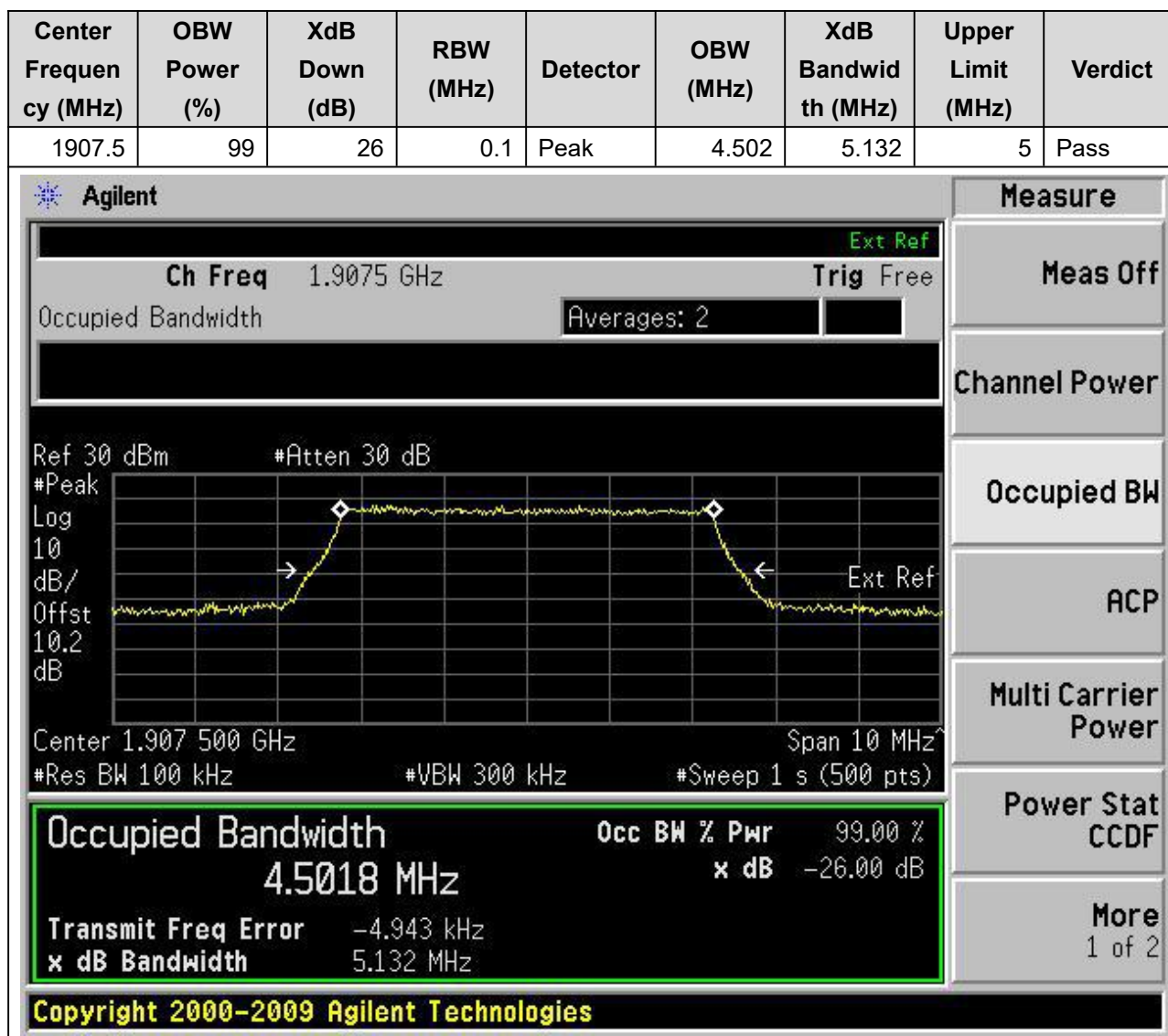


**10.16 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:16, Channel:18900, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

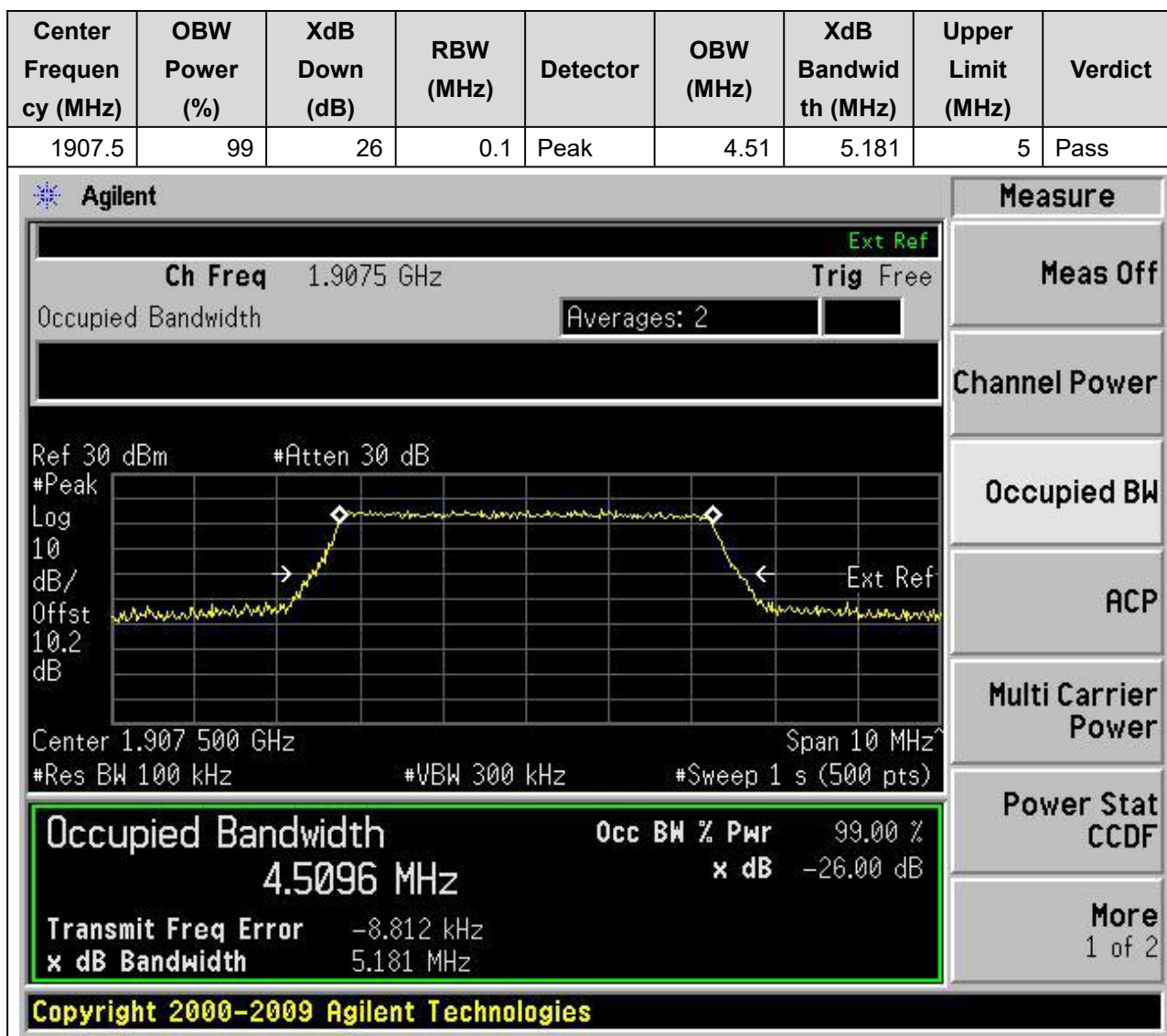




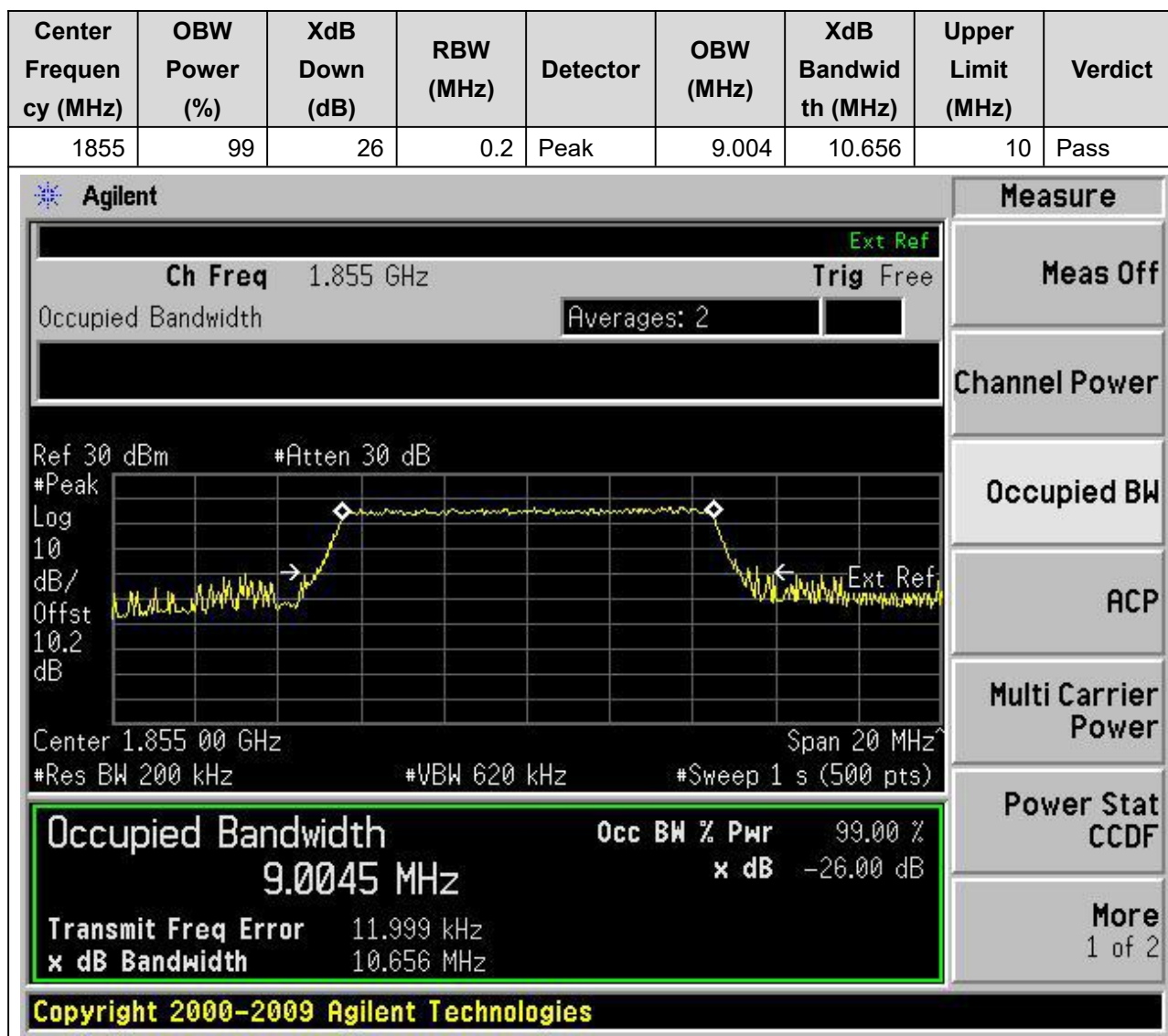
**10.17 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:17, Channel:19175, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**



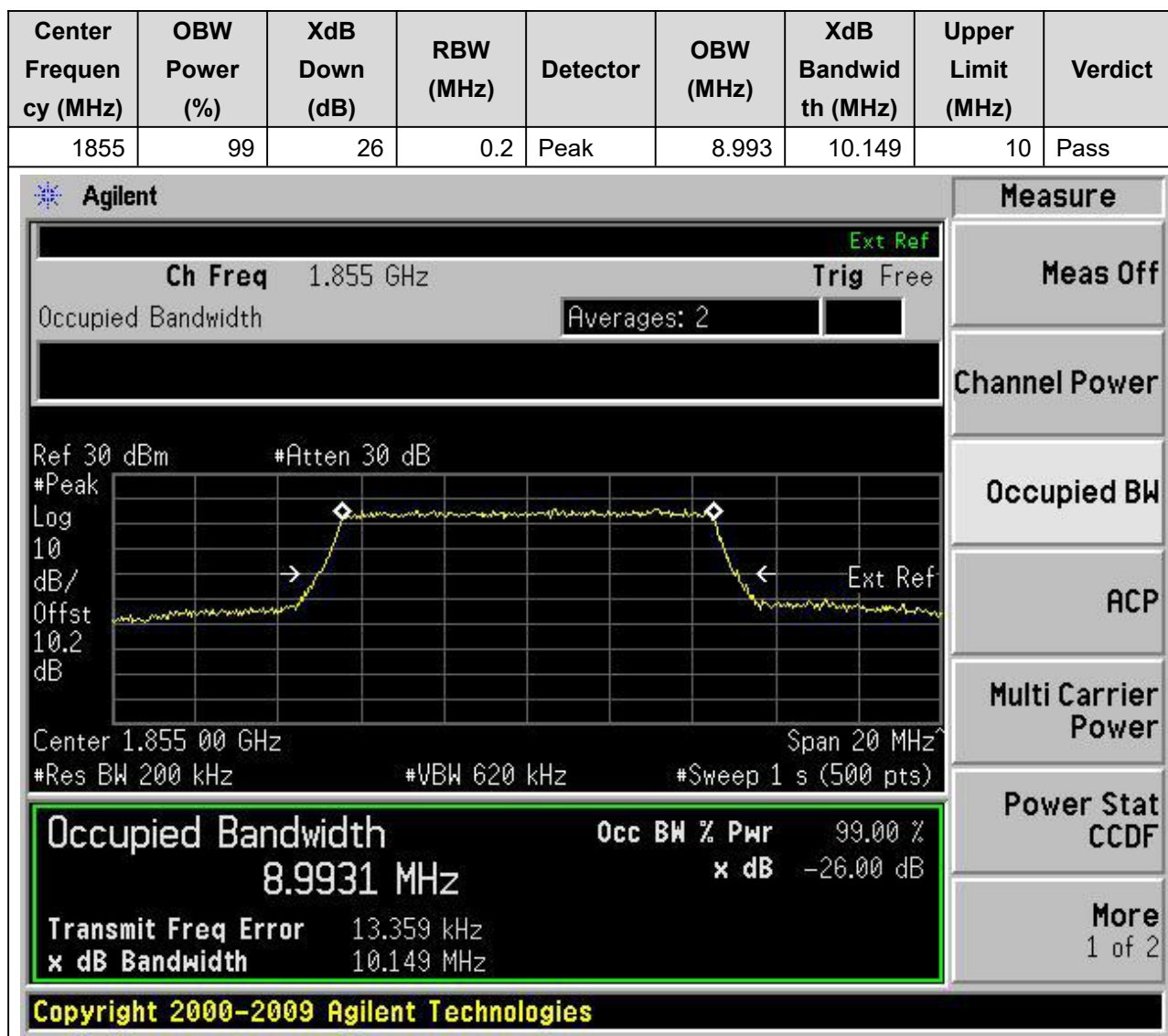
**10.18 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:18, Channel:19175, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**



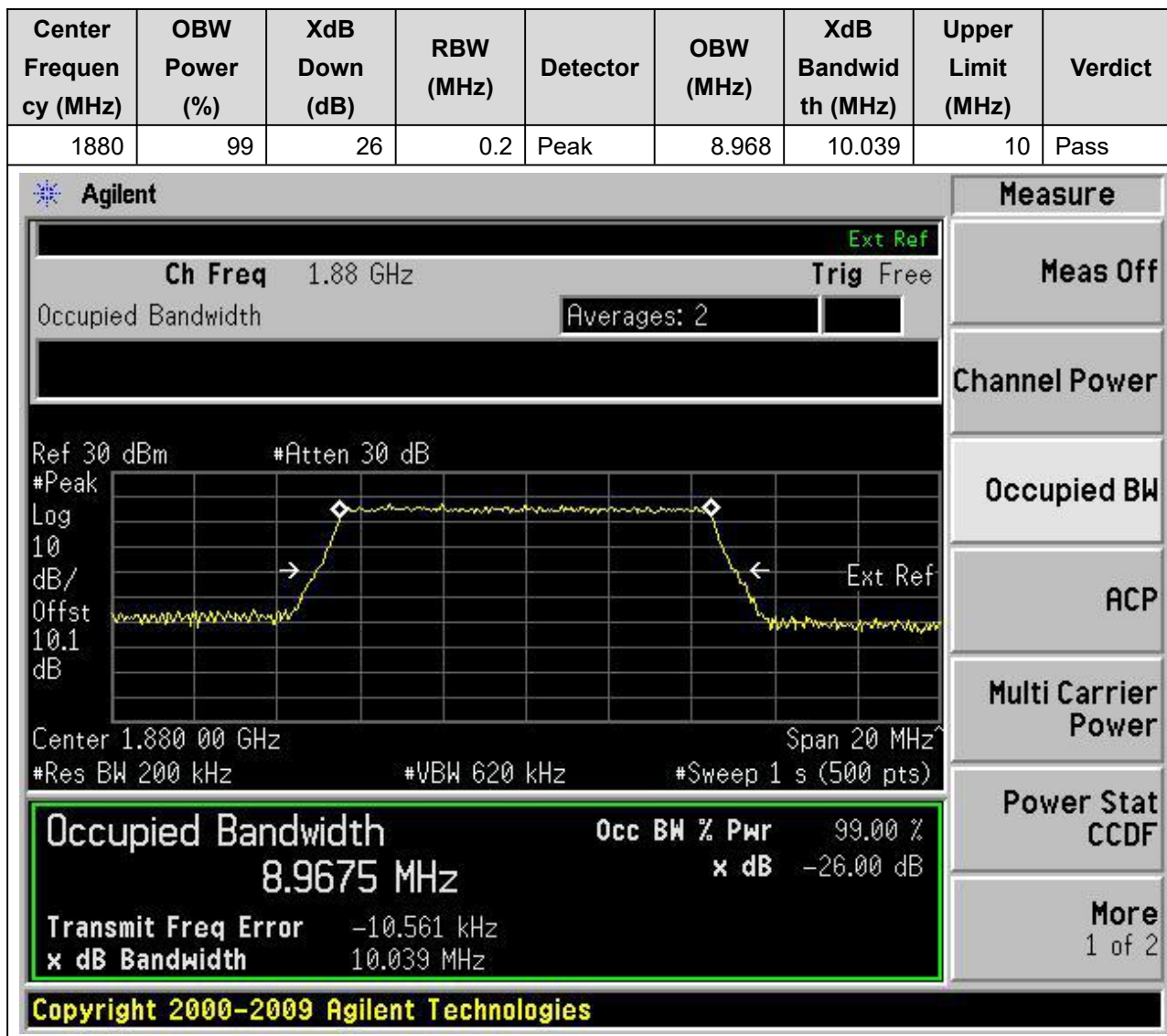
**10.19 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:19, Channel:18650, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**



**10.20 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:20, Channel:18650, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

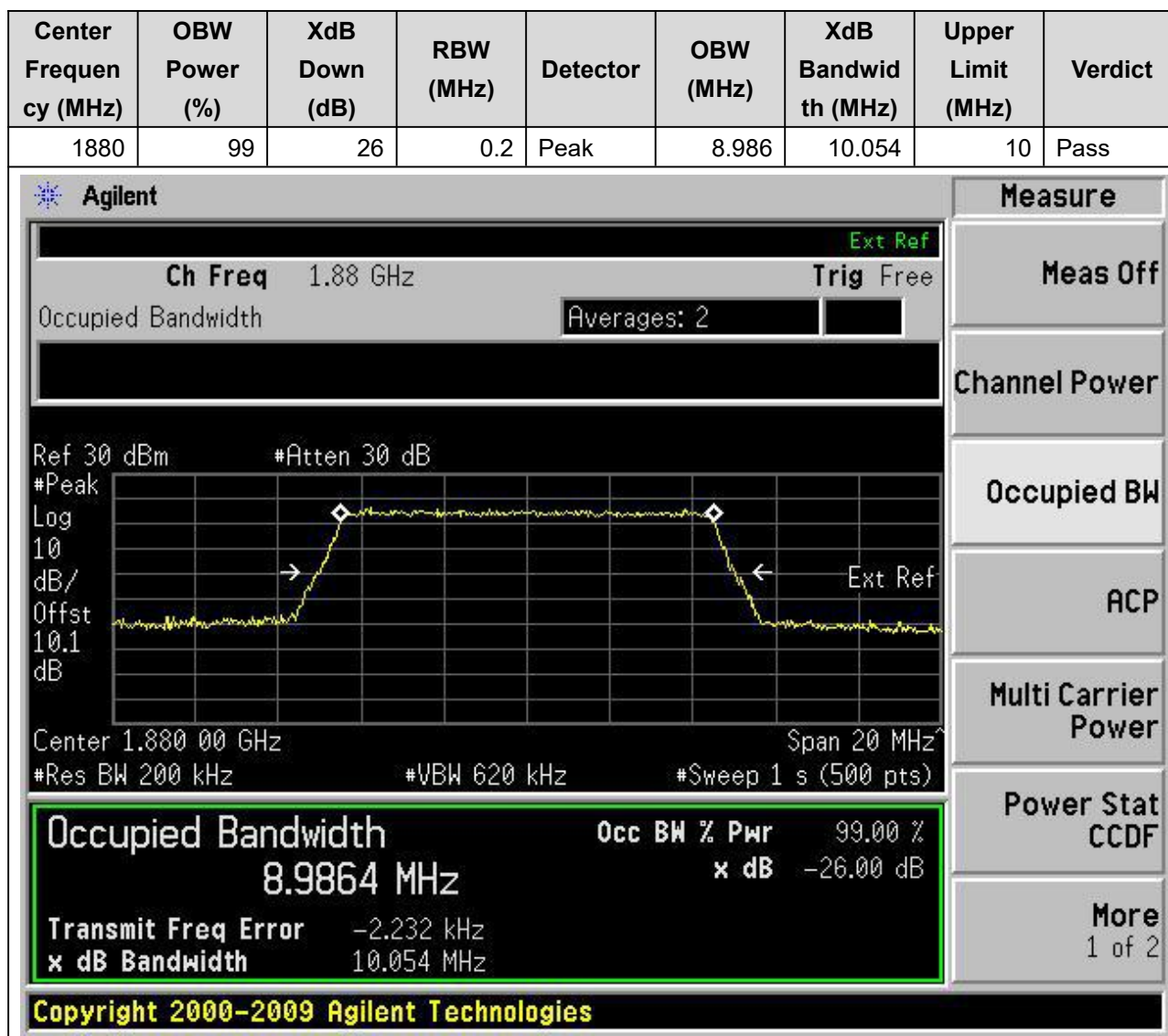


**10.21 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:21, Channel:18900, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**



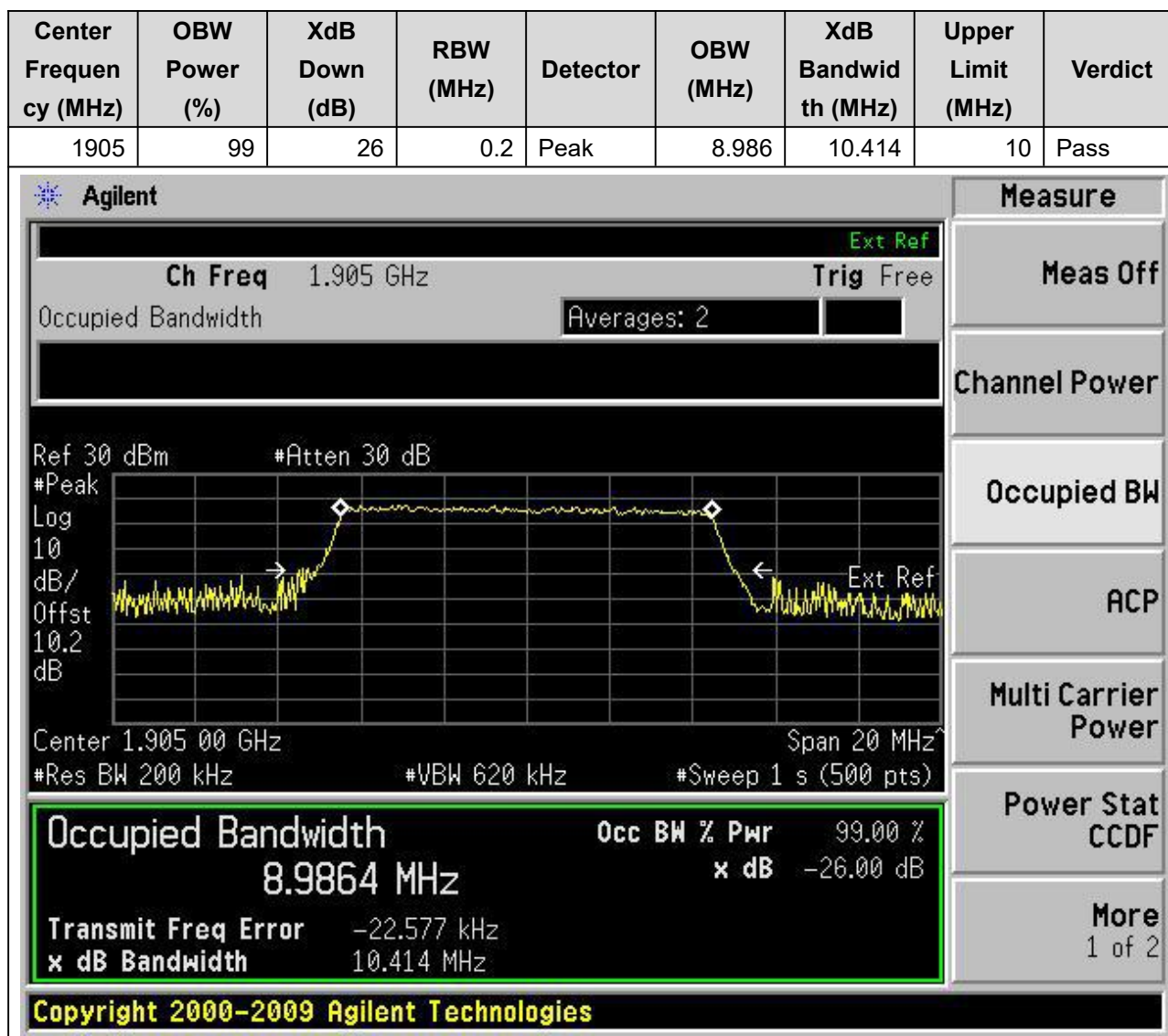


# 10.22 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:22, Channel:18900, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

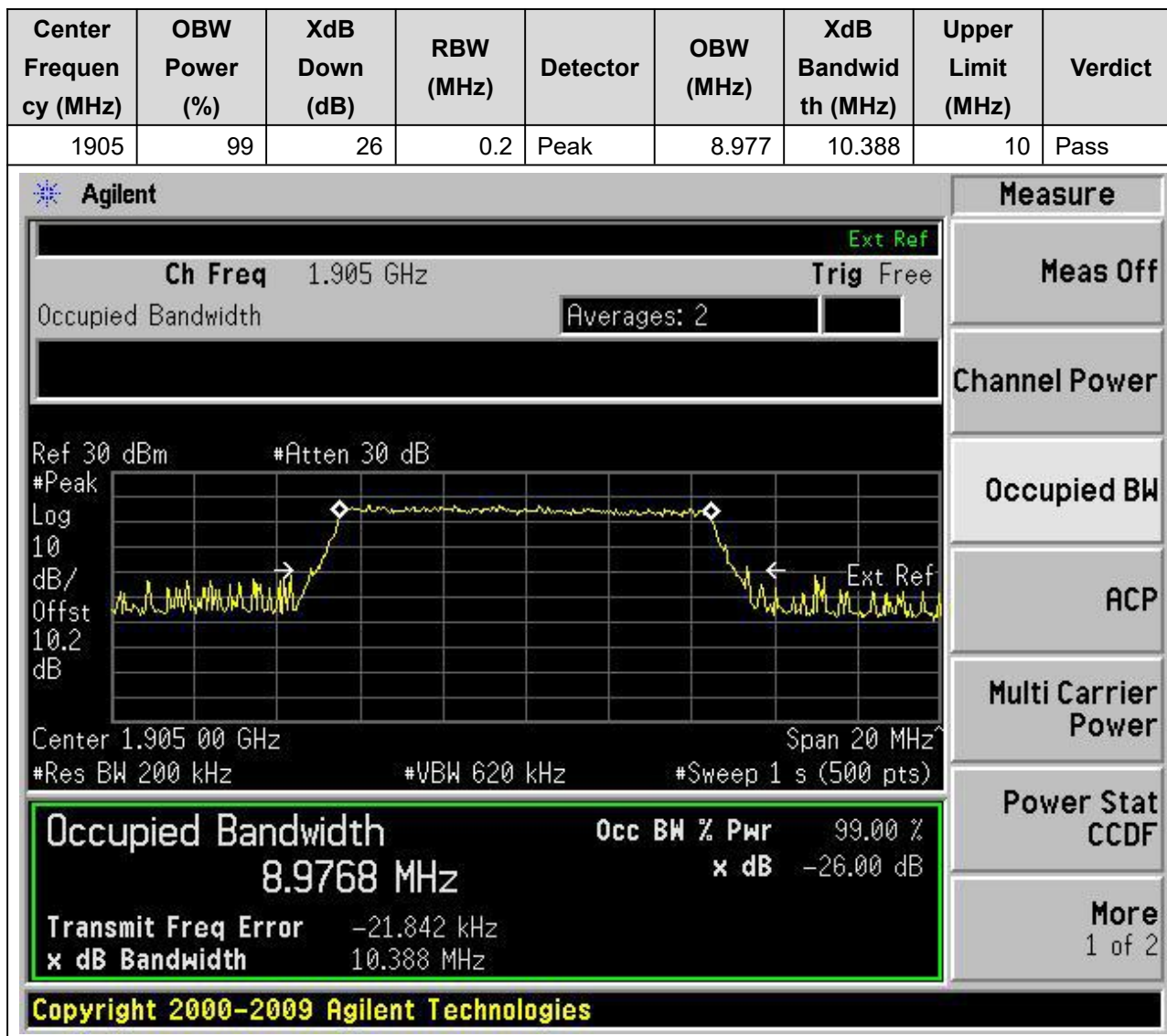




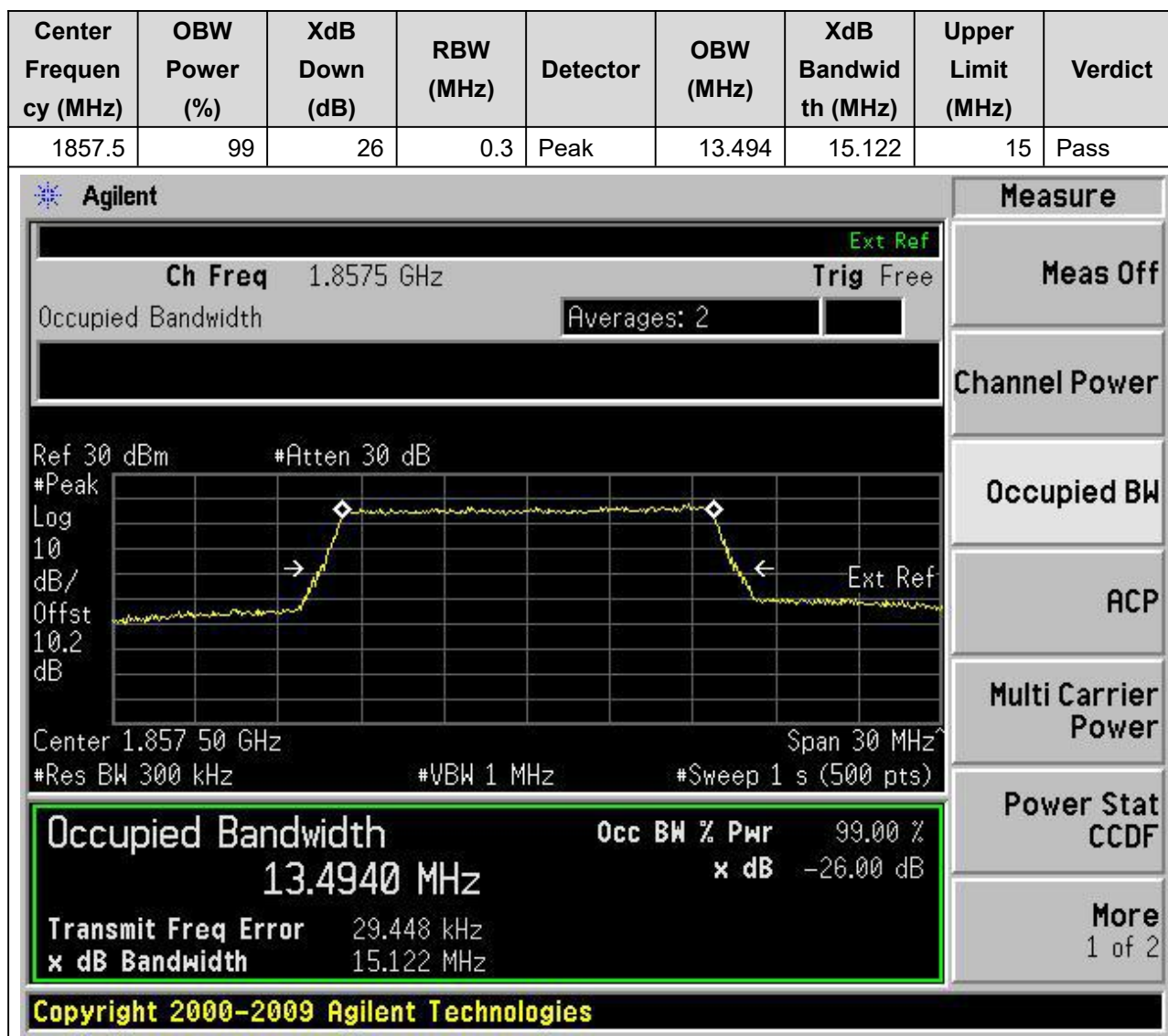
### 10.23 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:23, Channel:19150, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



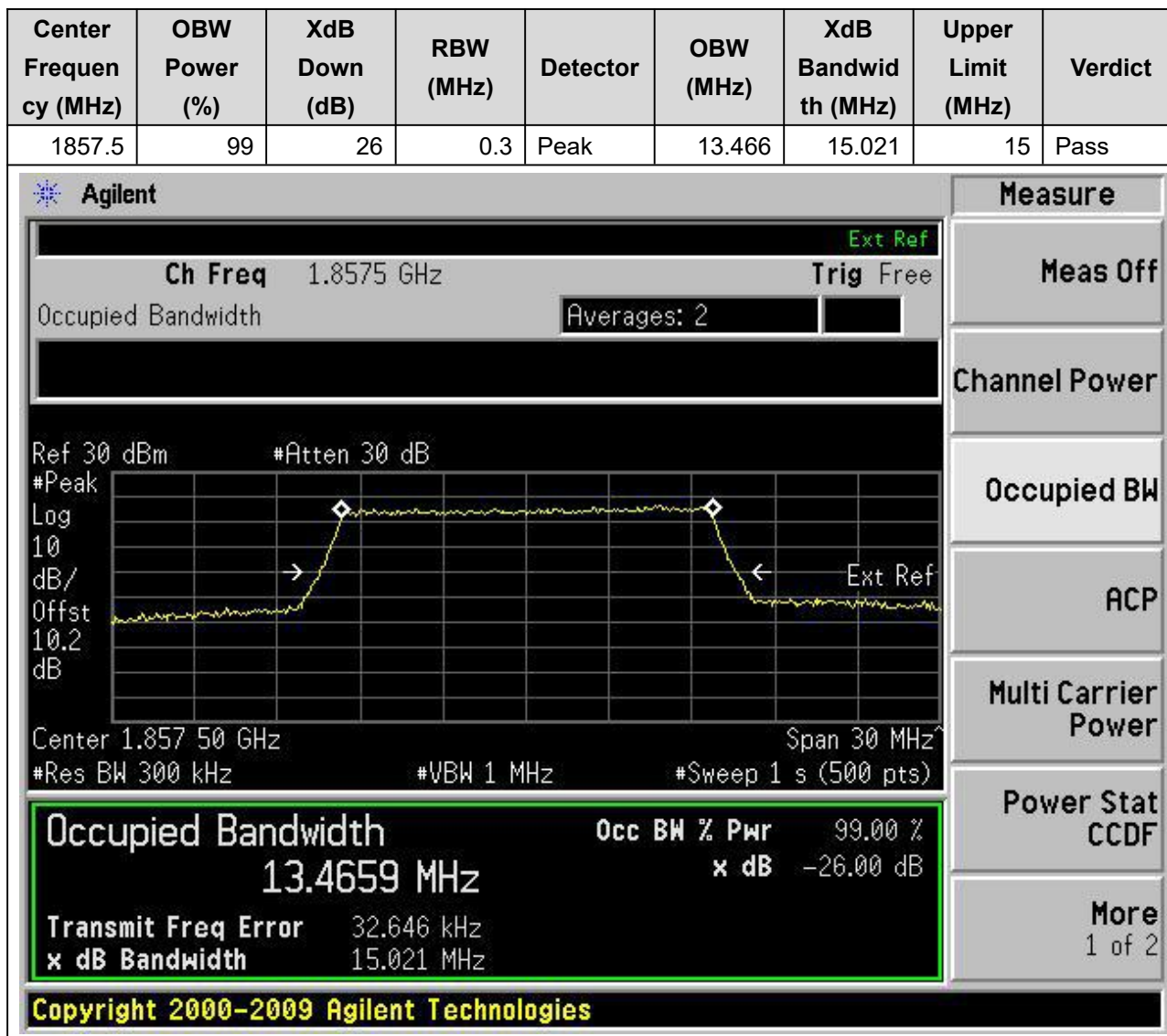
# 10.24 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:24, Channel:19150, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



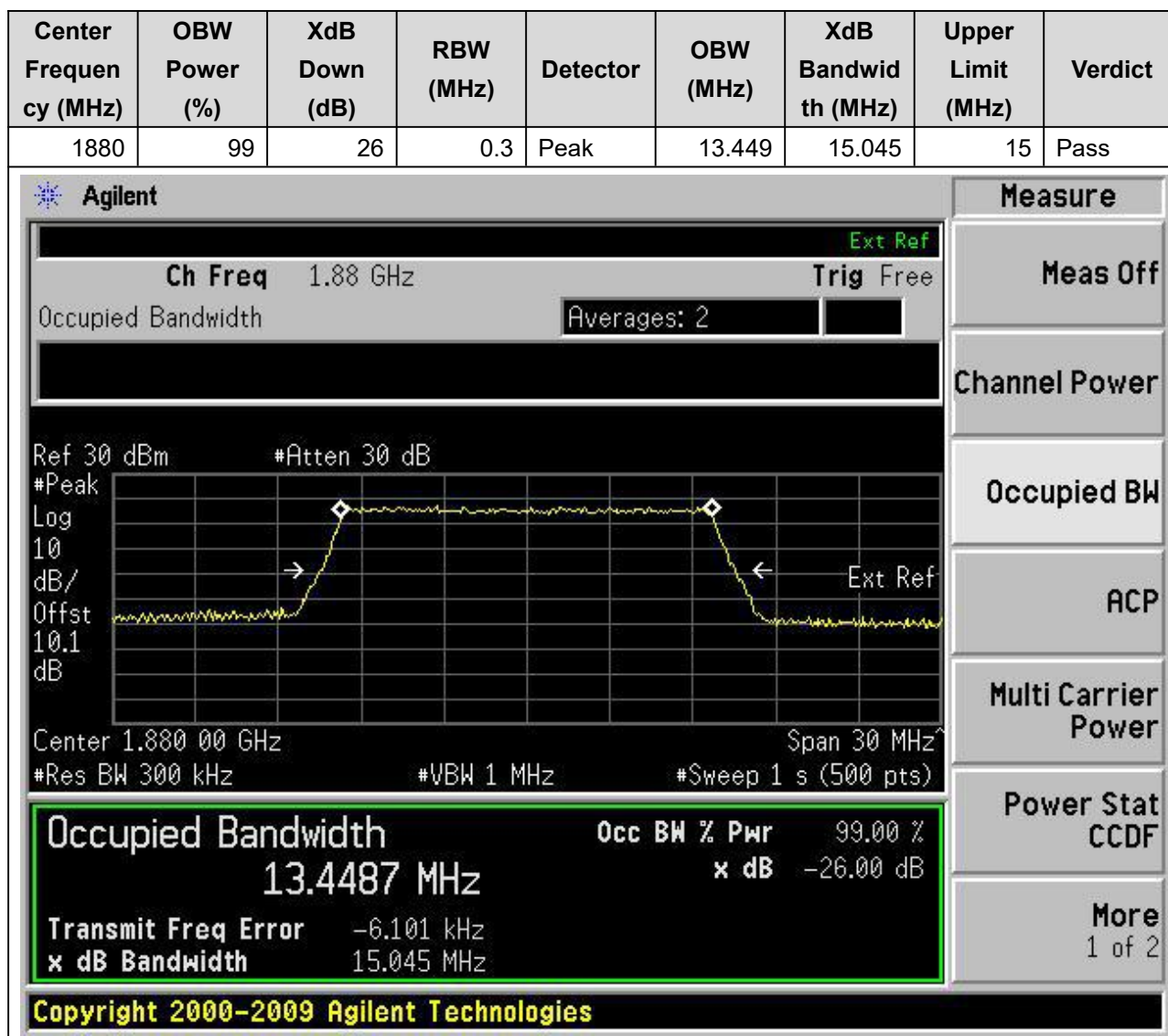
**10.25 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:25, Channel:18675, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**



**10.26 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:26, Channel:18675, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

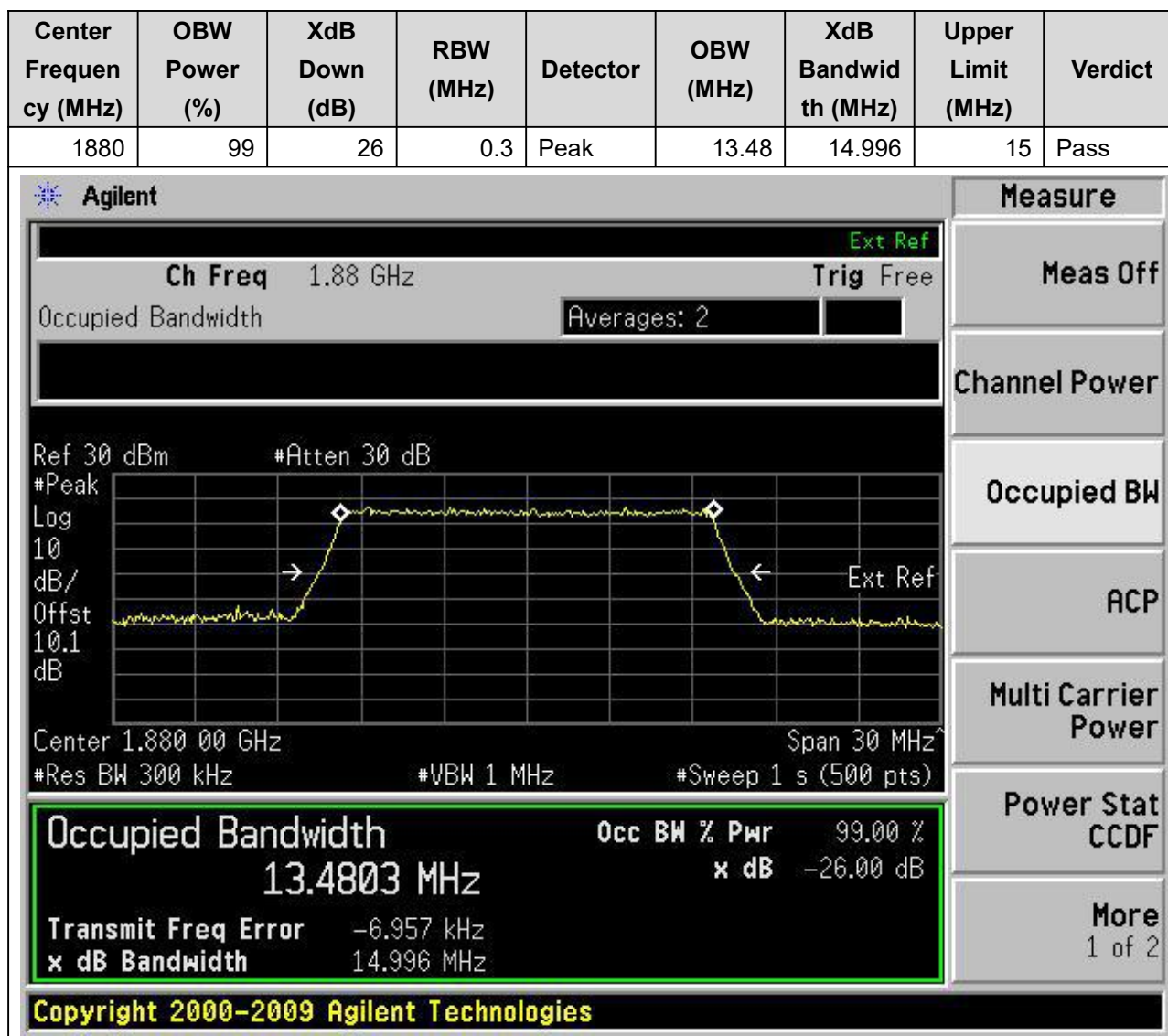


**10.27 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:27, Channel:18900, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**



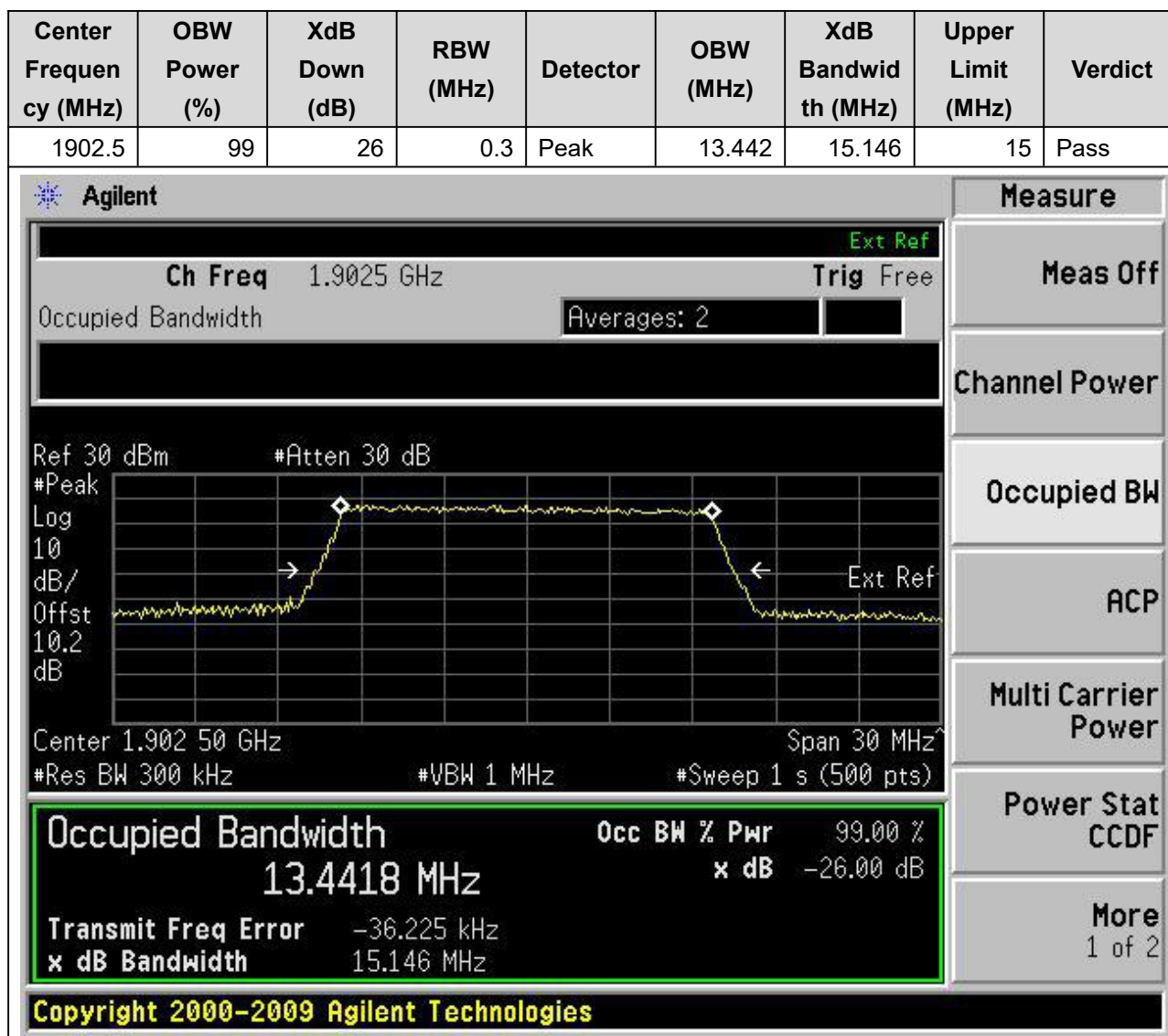


**10.28 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:28, Channel:18900, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

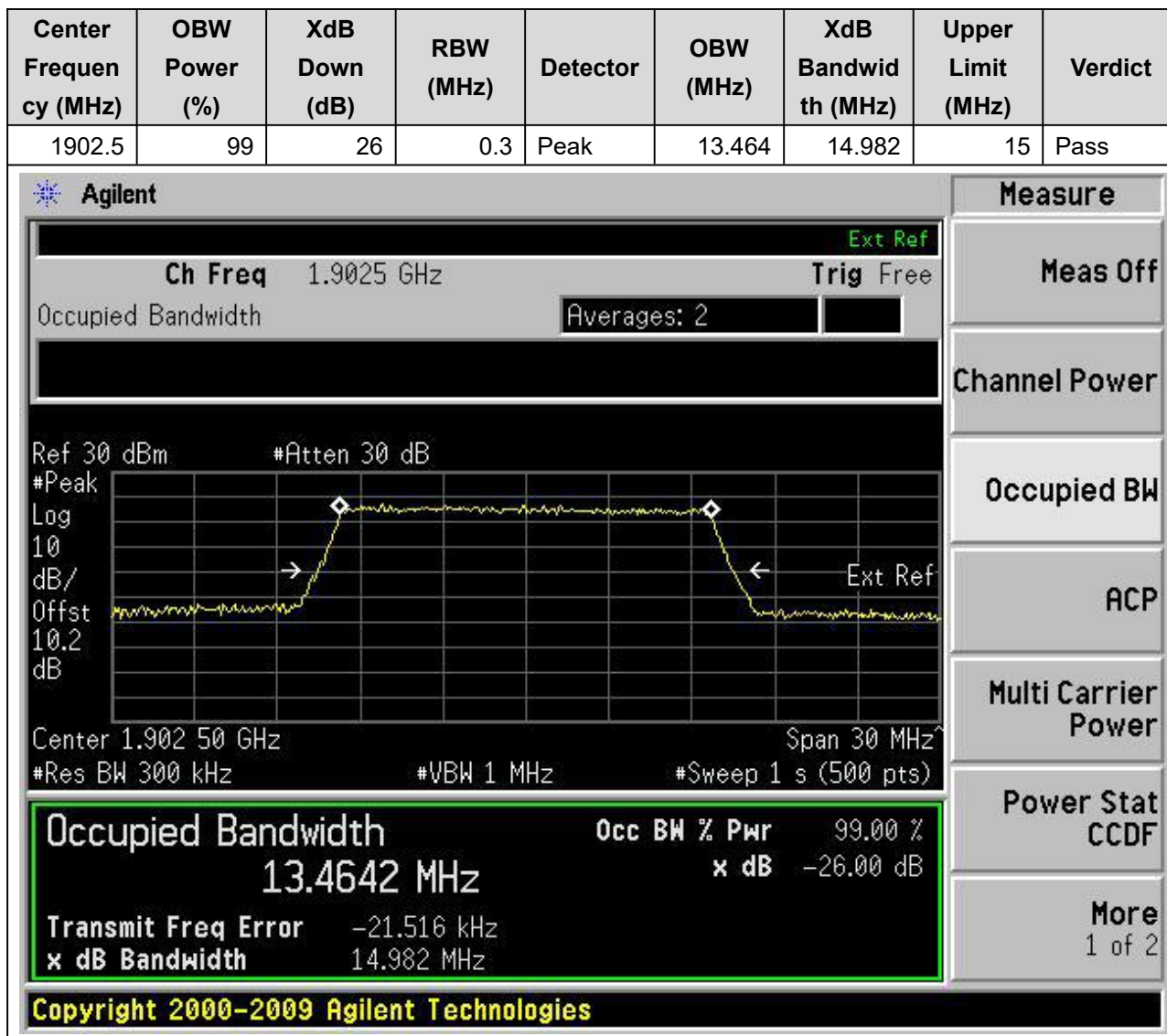




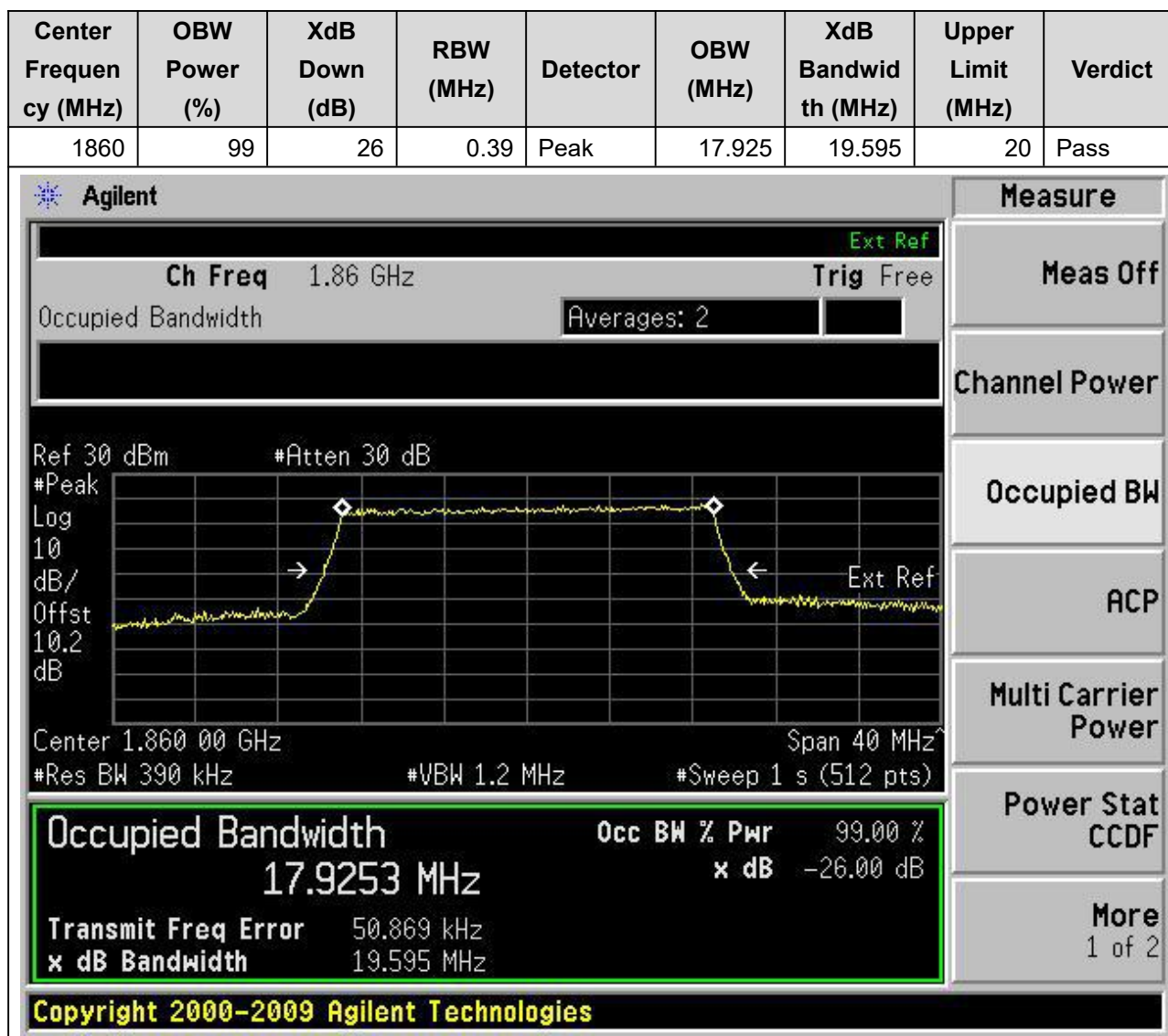
**10.29 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:29, Channel:19125, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**



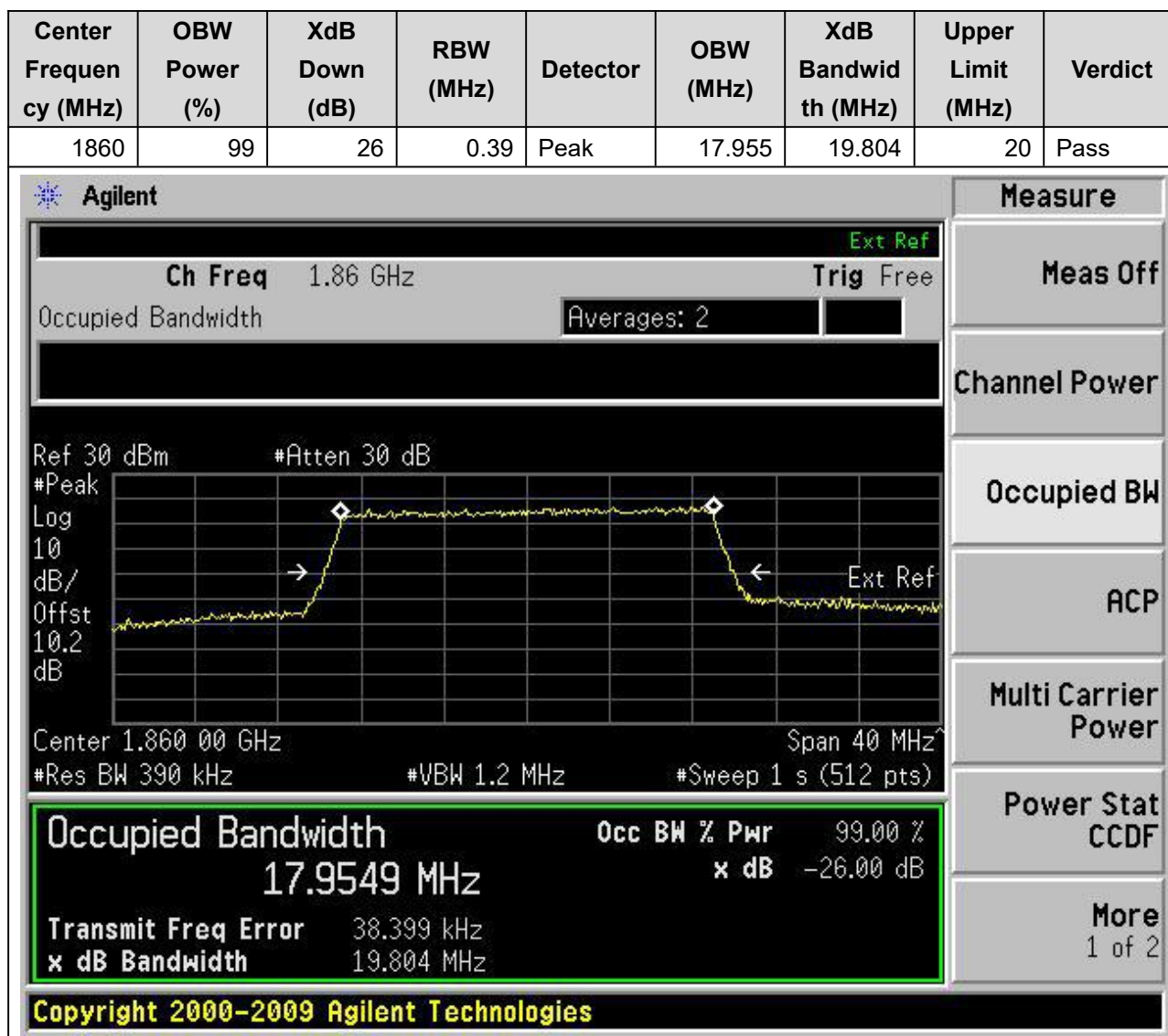
**10.30 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:30, Channel:19125, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**



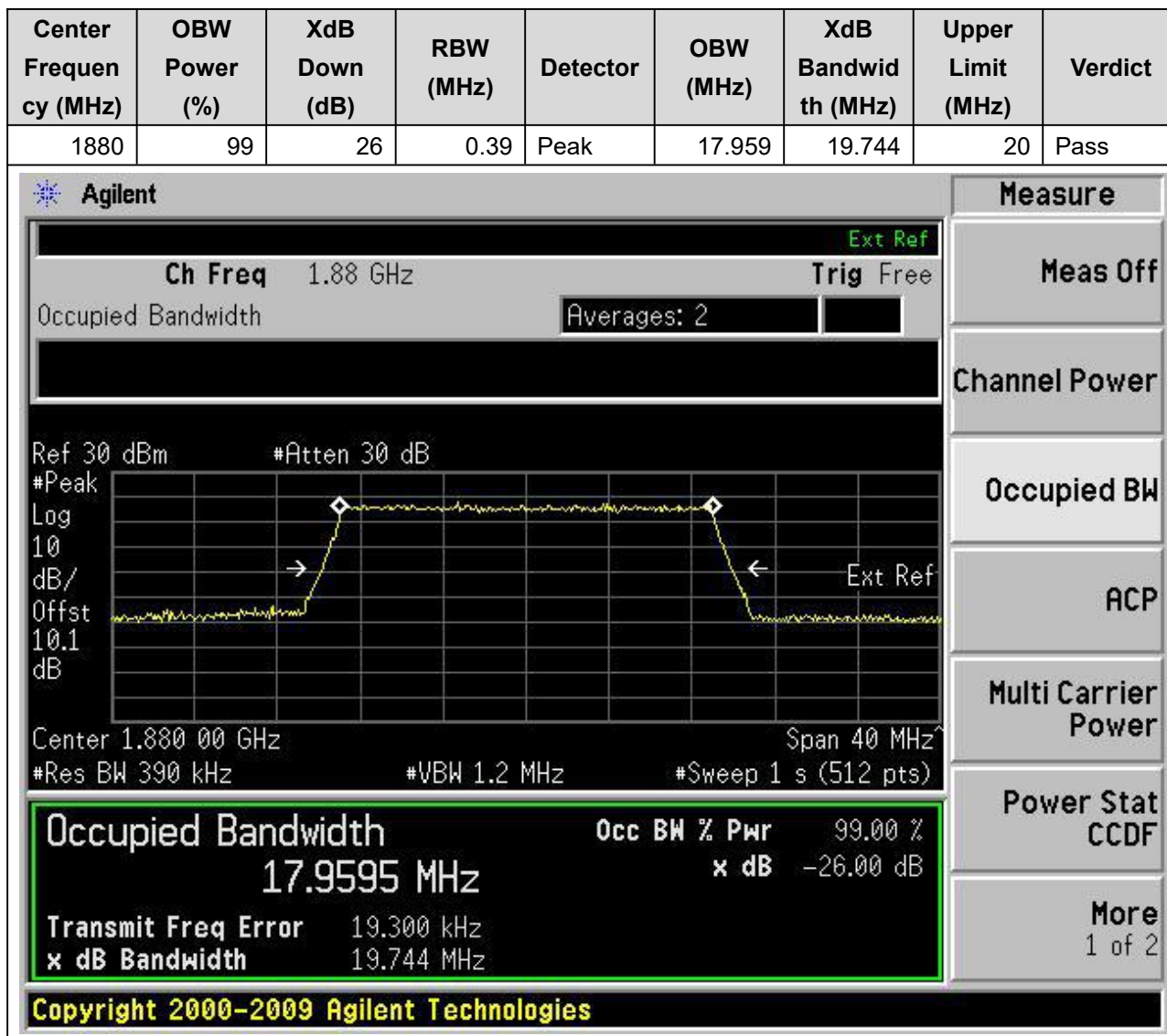
**10.31 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:31, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**



### 10.32 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:32, Channel:18700, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

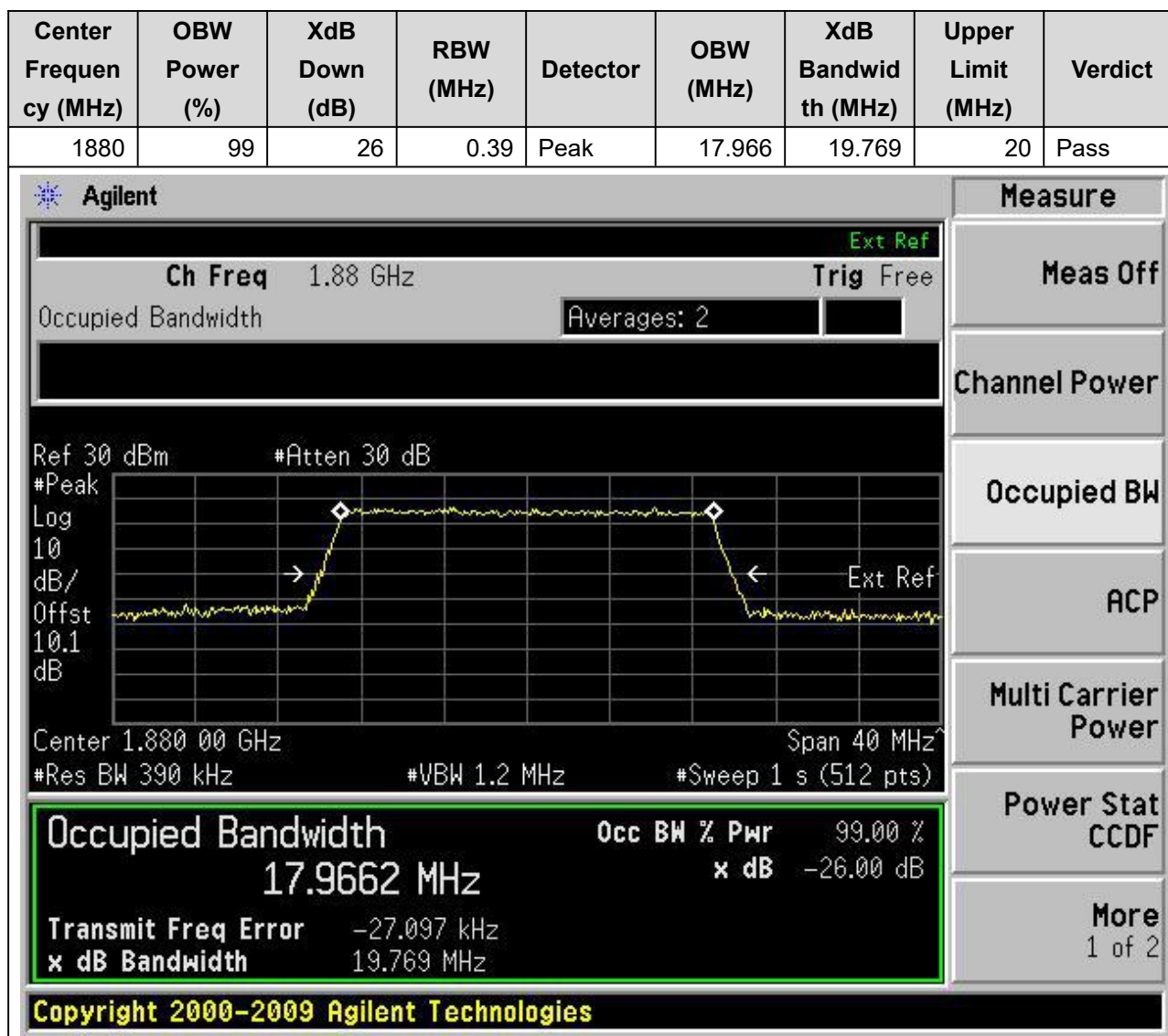


### 10.33 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:33, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

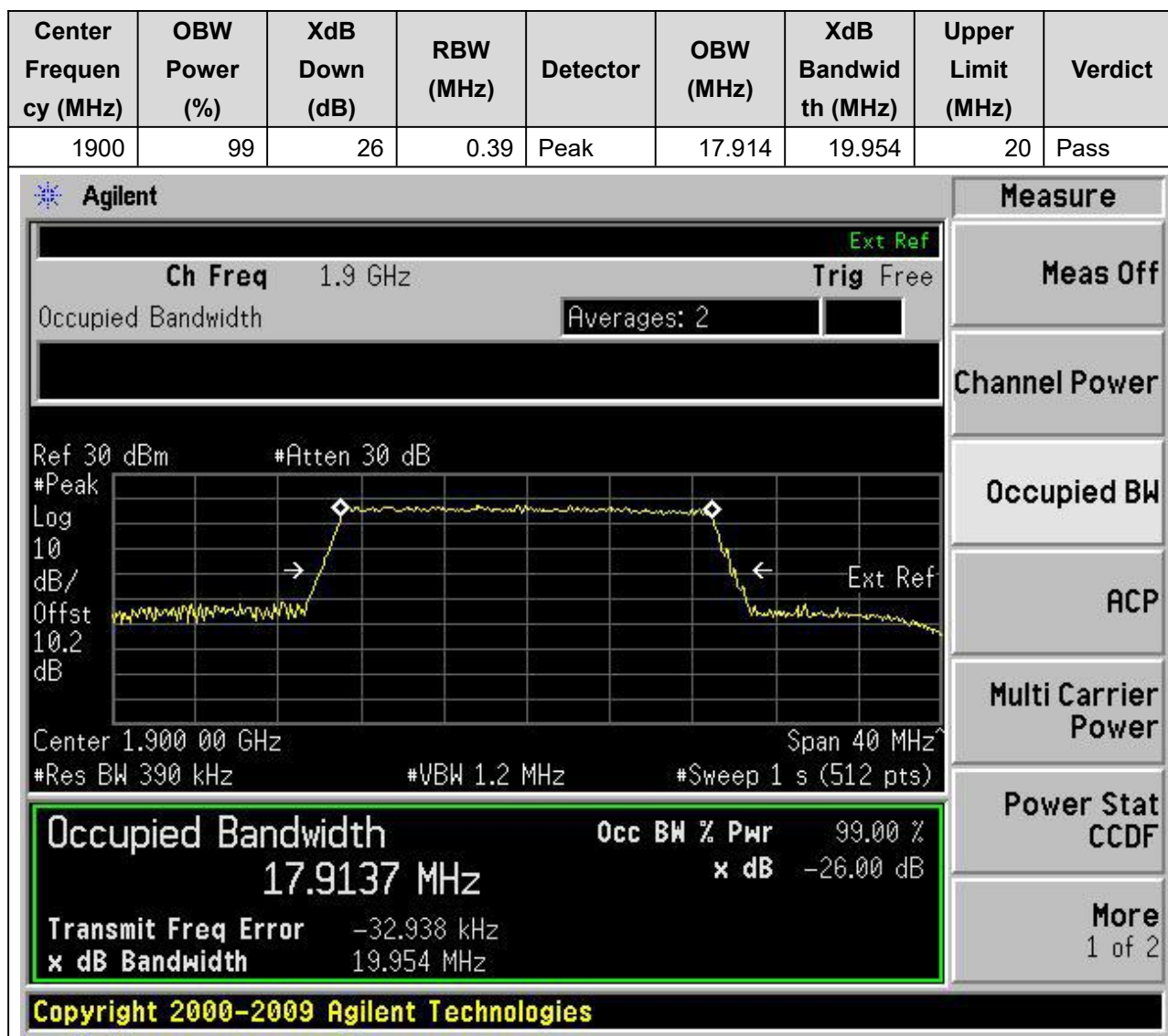




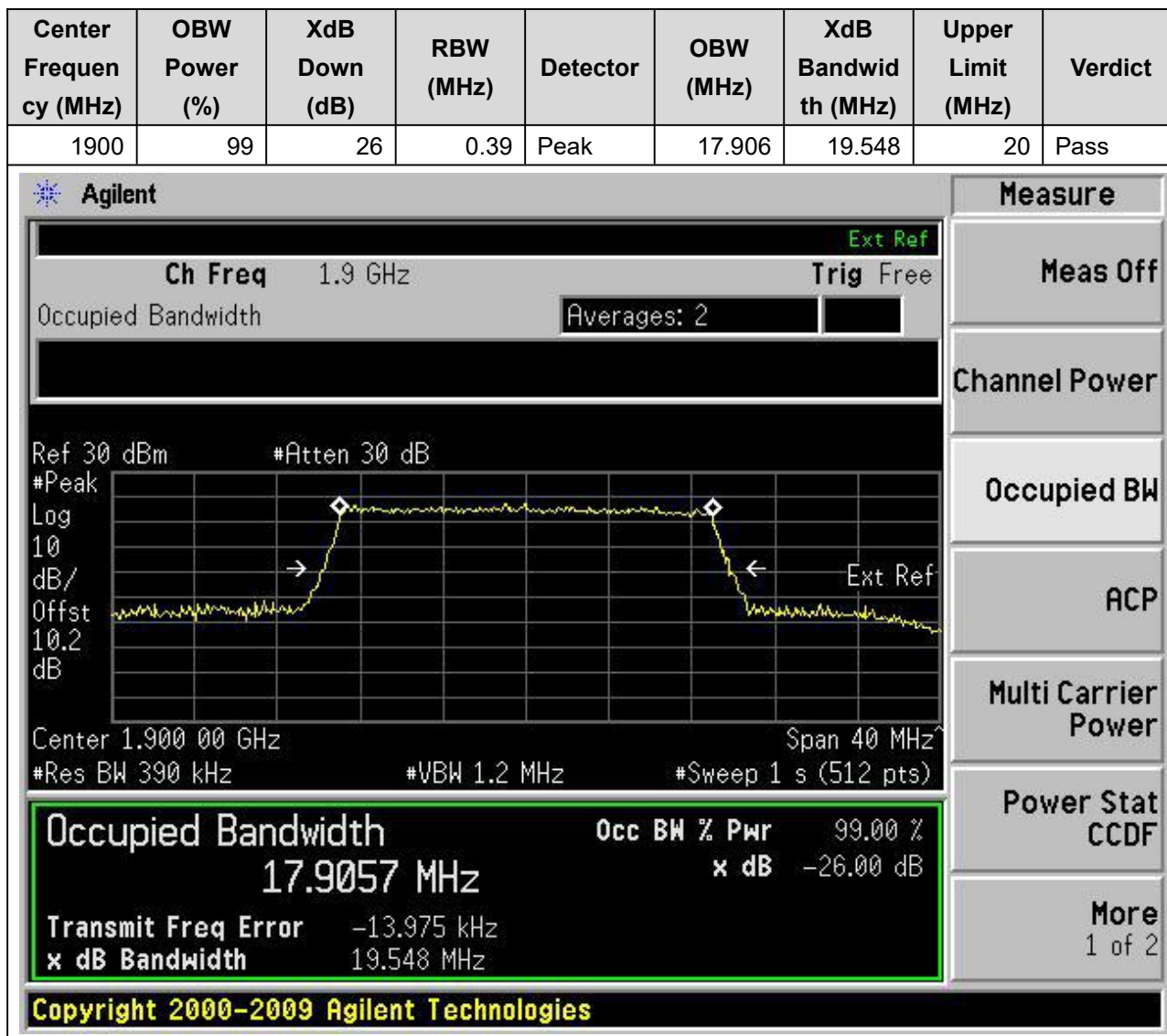
**10.34 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:34, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**



**10.35 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:35, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

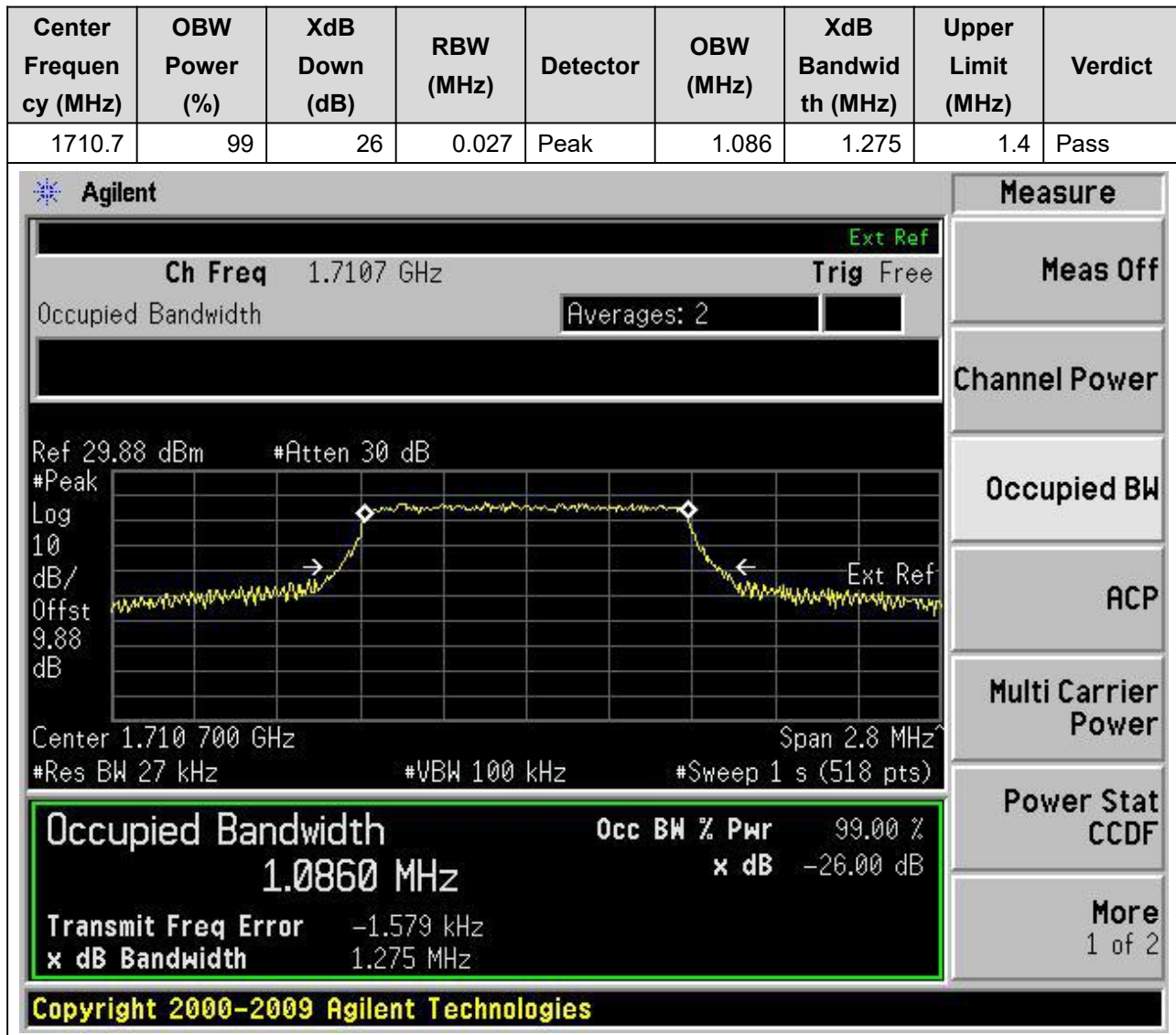


### 10.36 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:36, Channel:19100, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

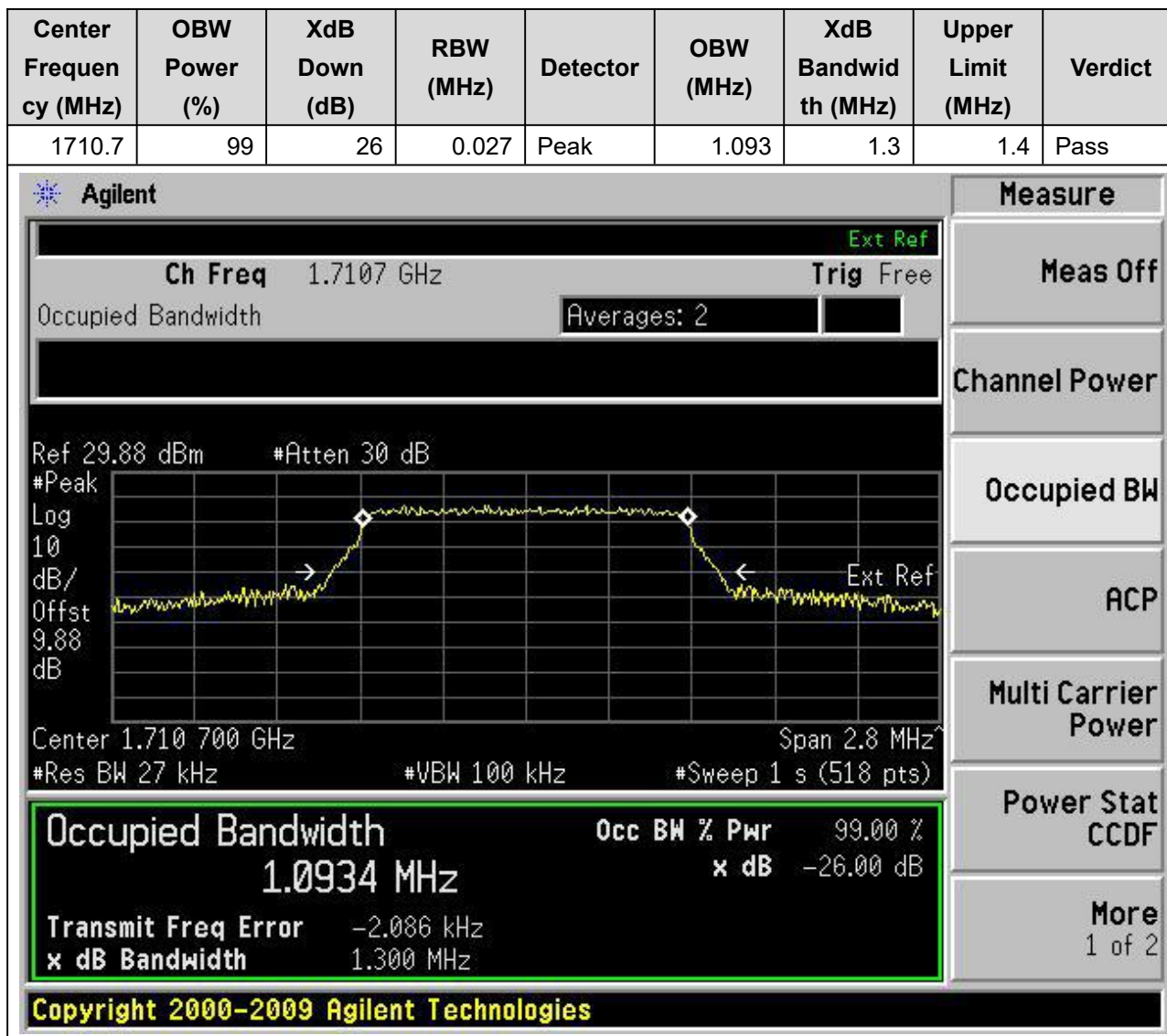


## 11. LTE\_Band4

11.1 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:1, Channel:19957, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

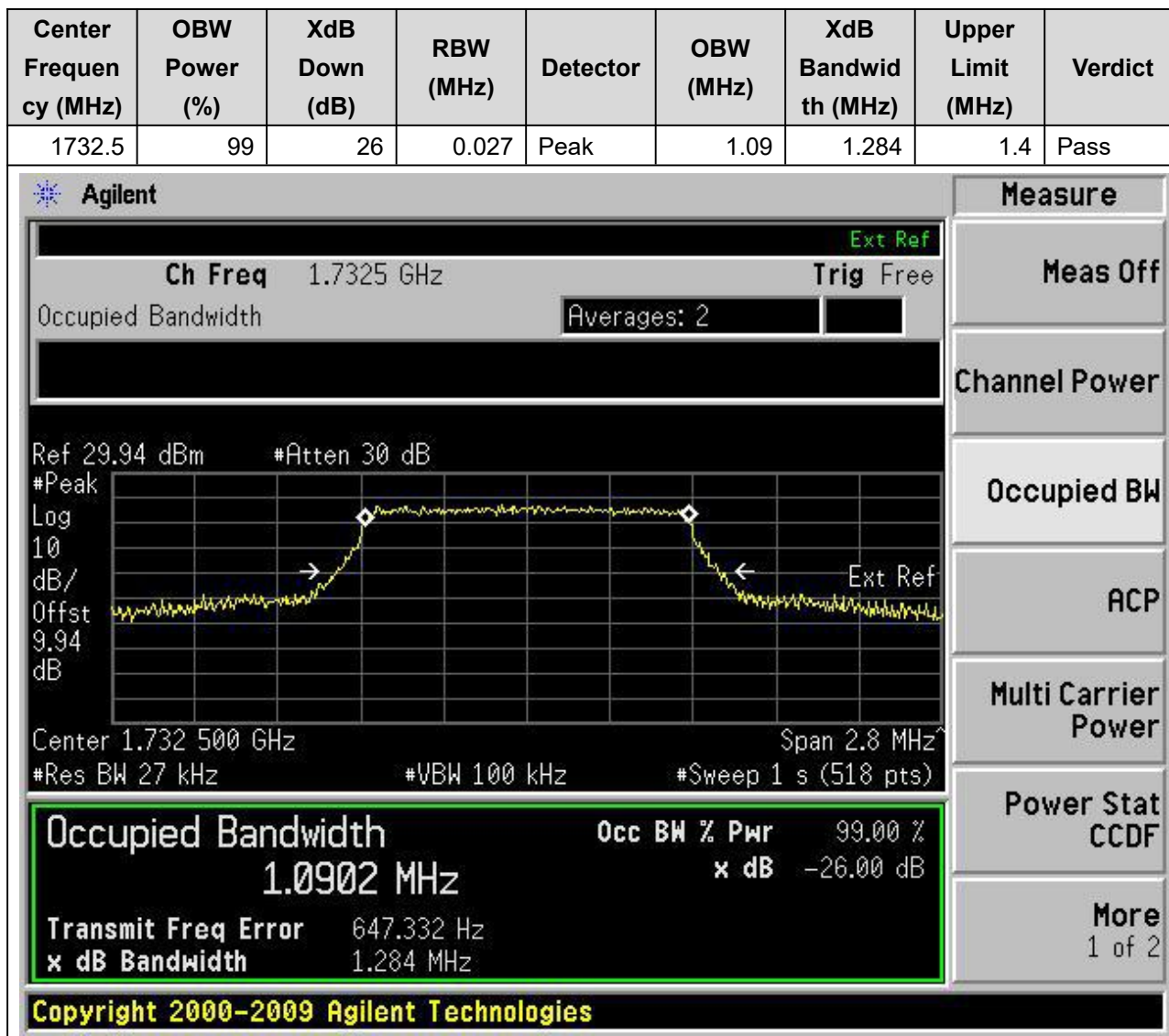


## 11.2 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:2, Channel:19957, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

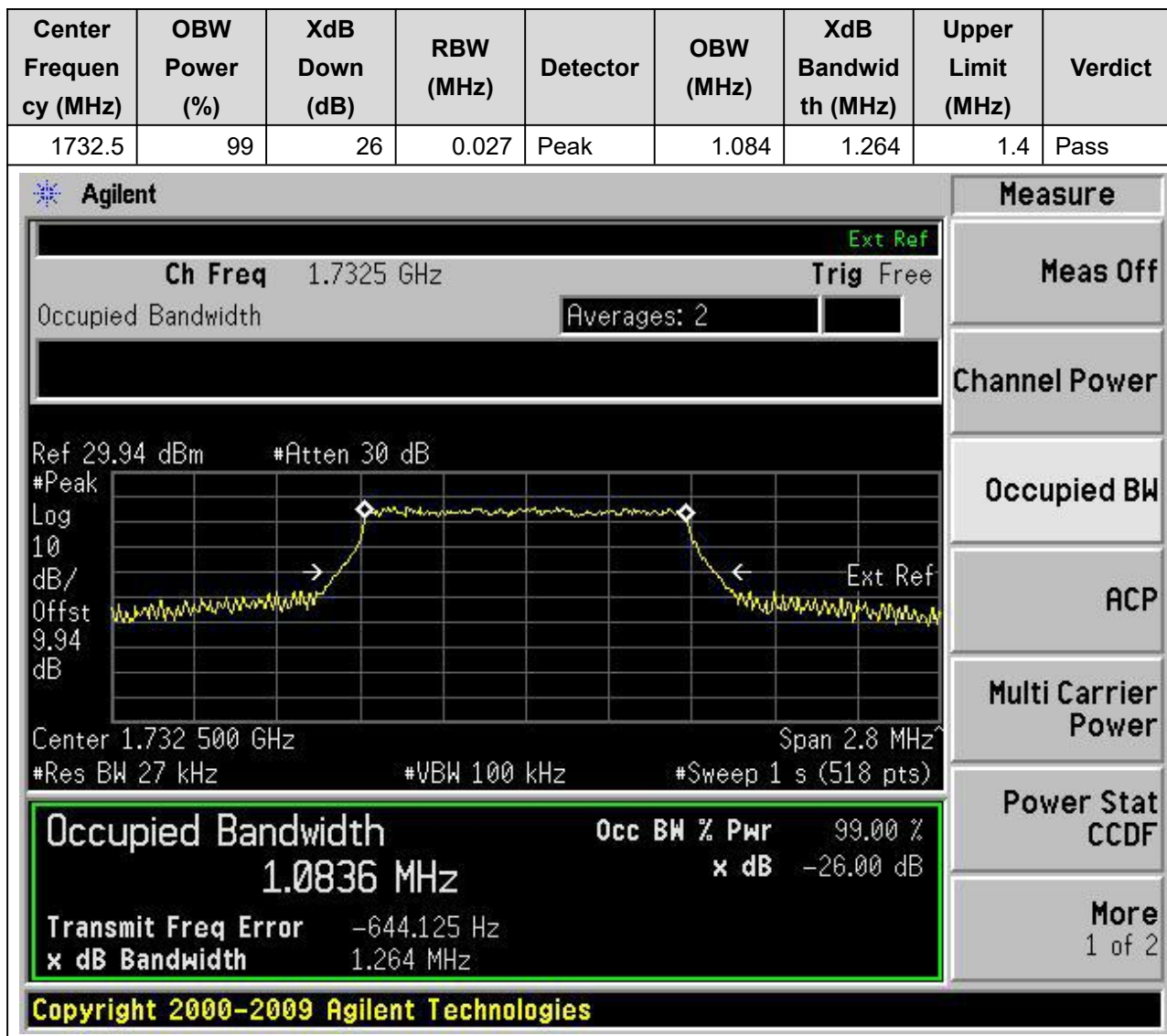




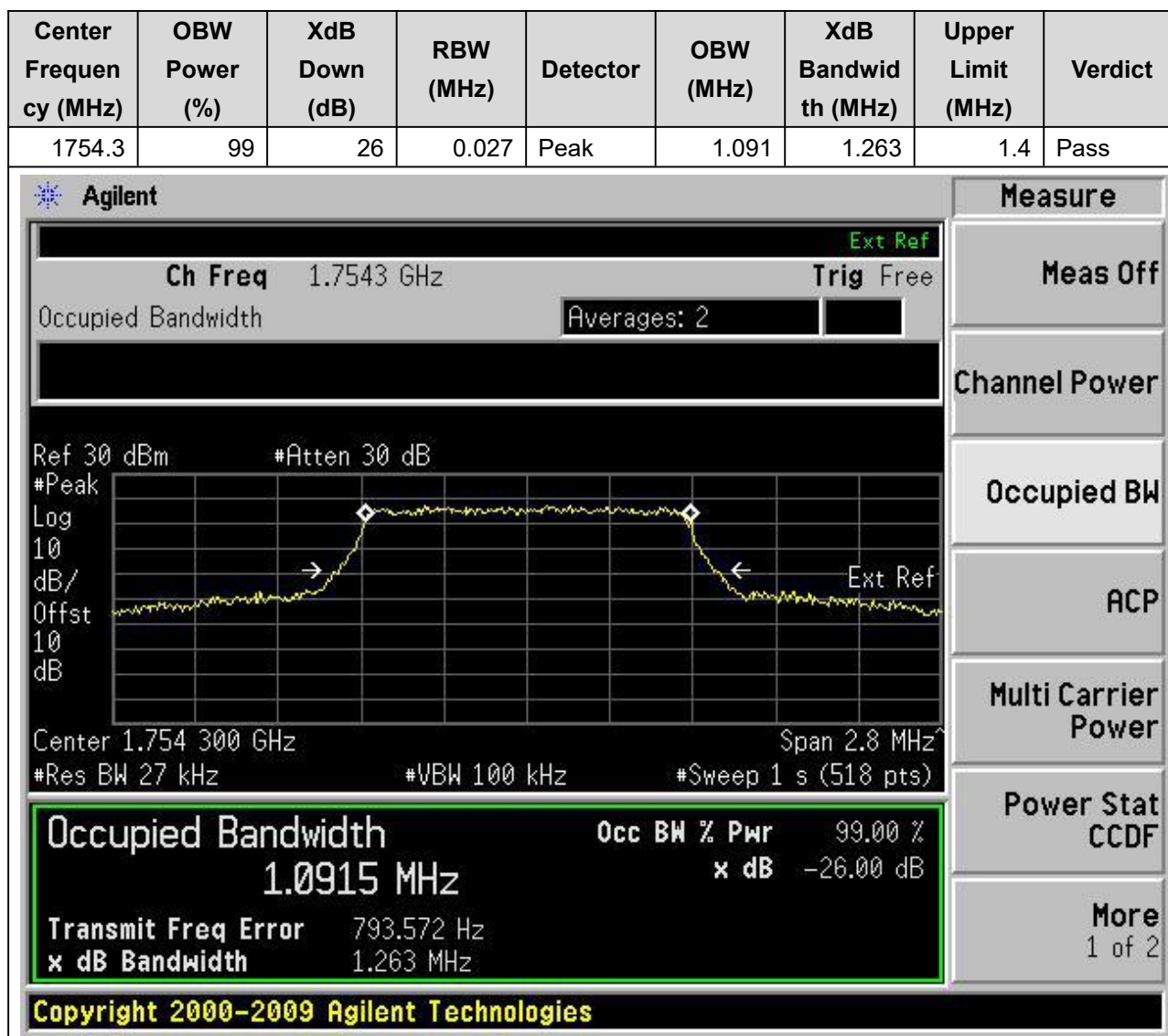
### 11.3 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:3, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



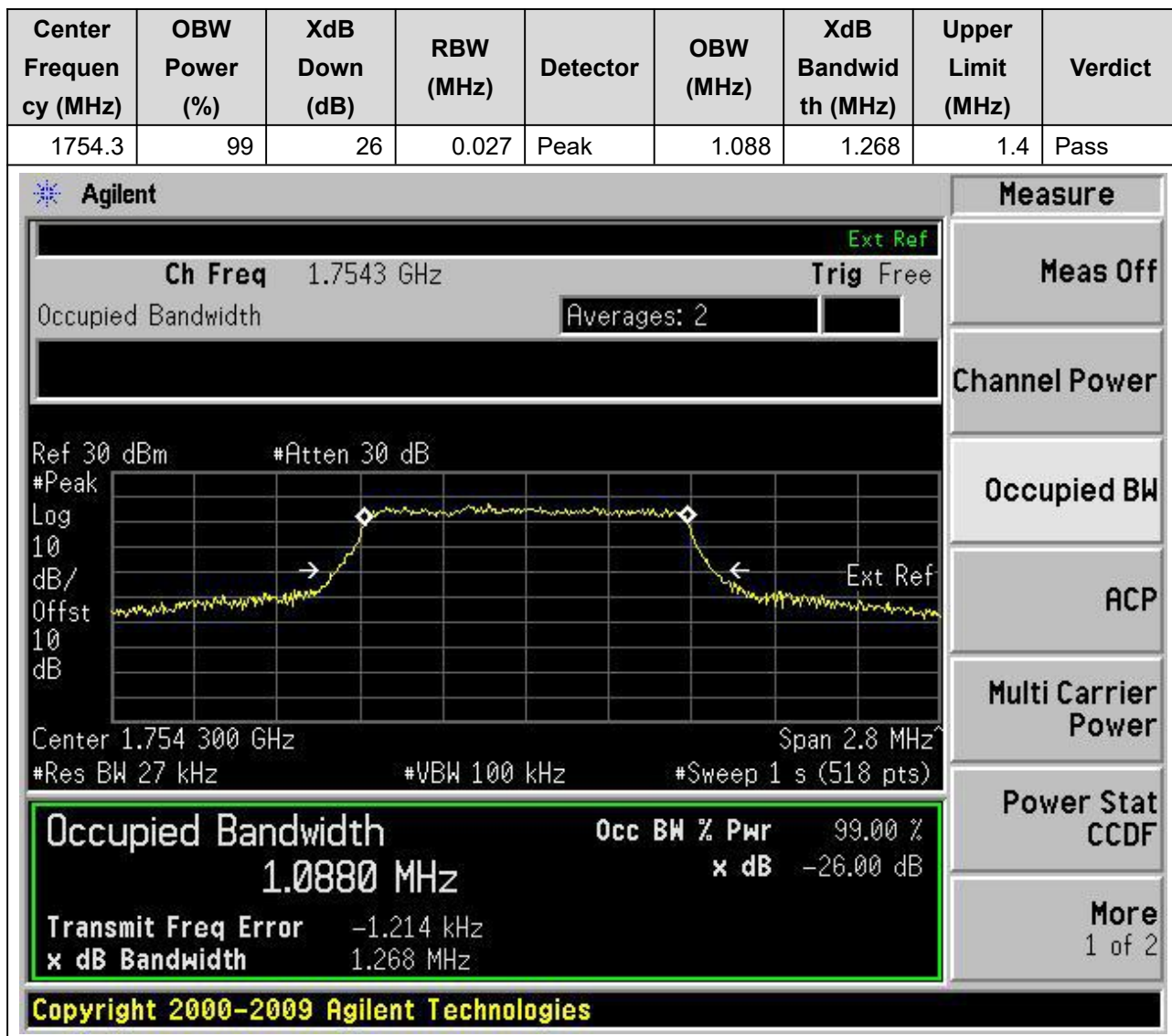
# 11.4 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:4, Channel:20175, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)



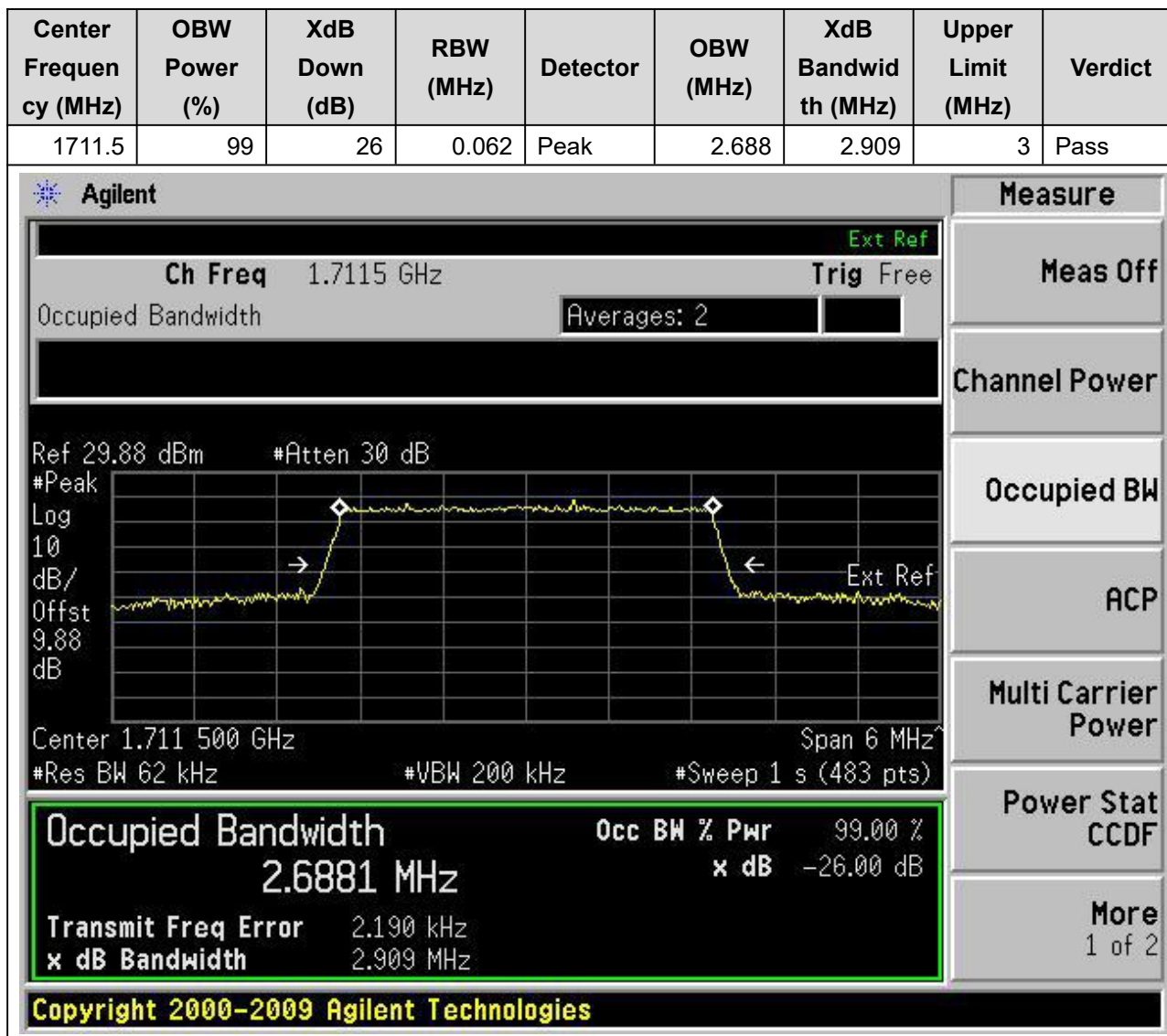
# 11.5 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:5, Channel:20393, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



# 11.6 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:6, Channel:20393, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

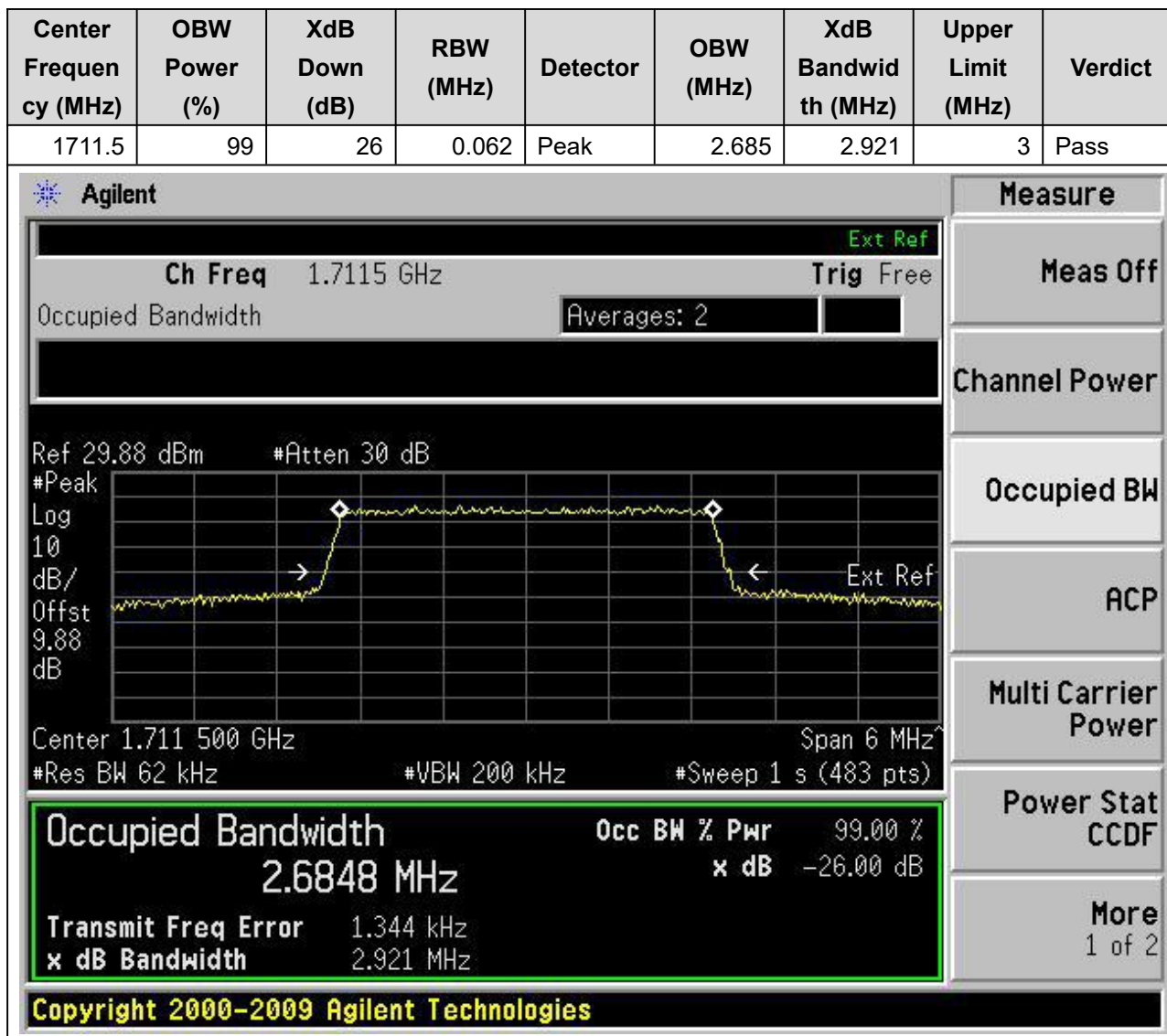


# 11.7 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:7, Channel:19965, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

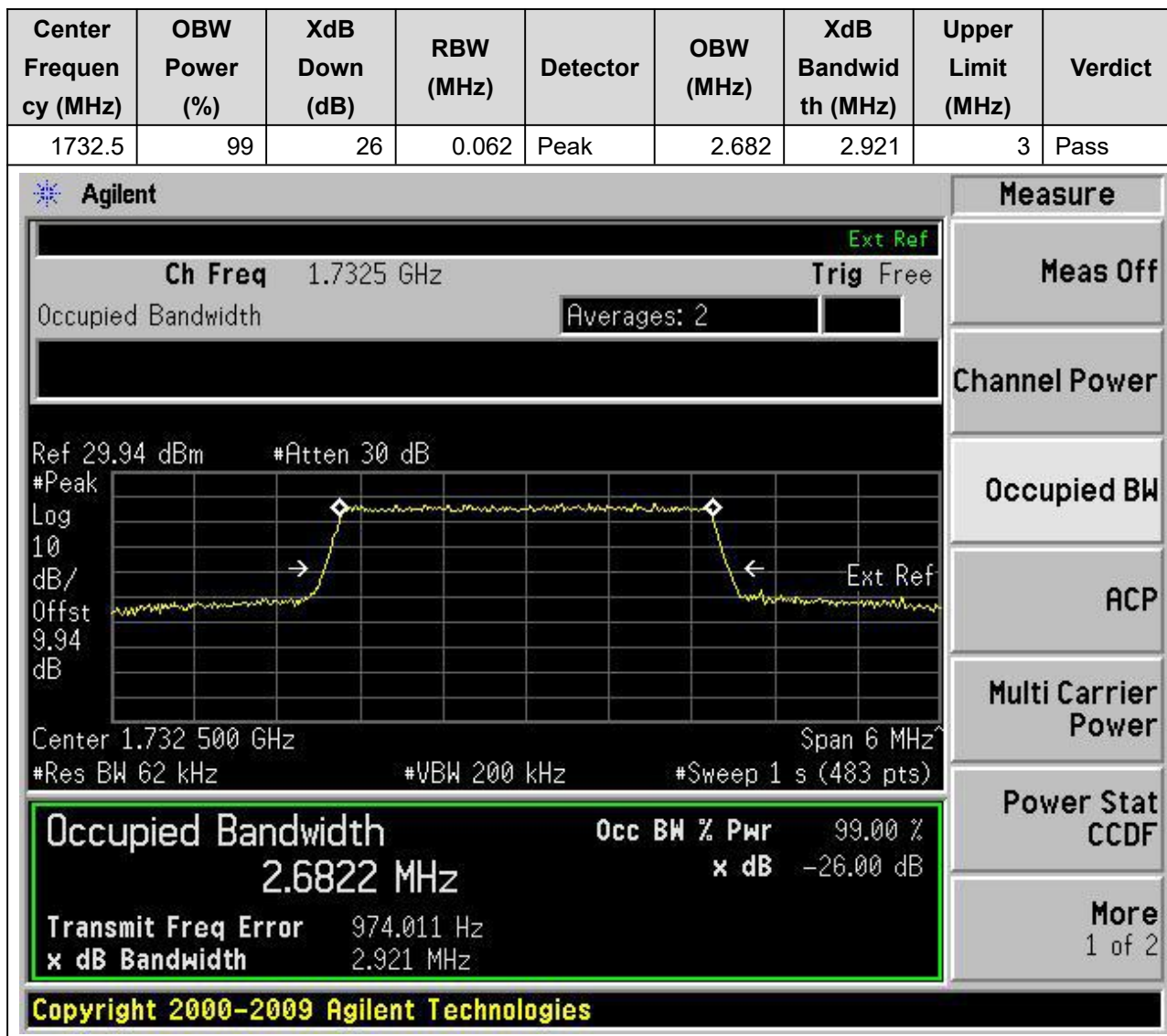




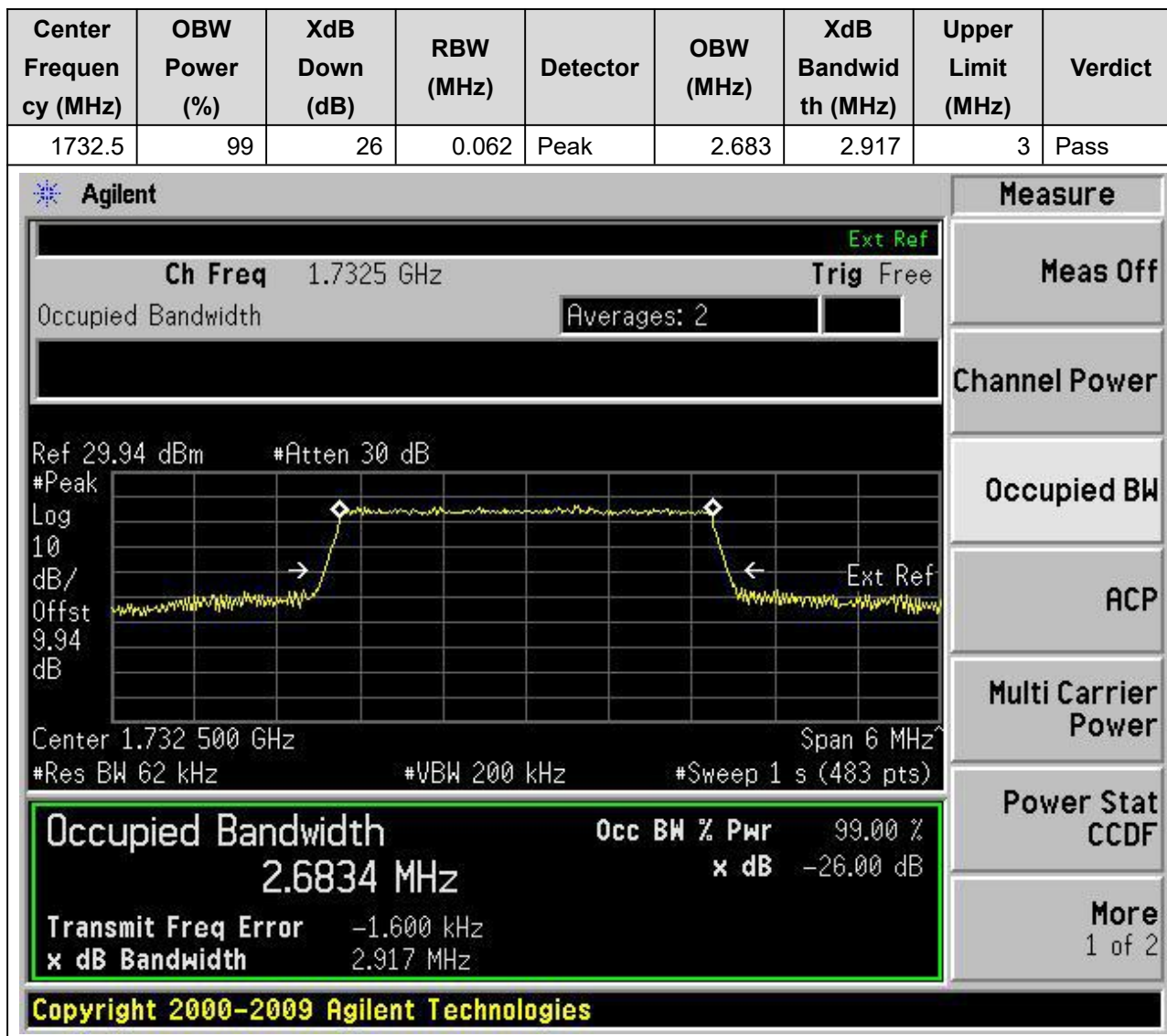
# 11.8 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:8, Channel:19965, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)



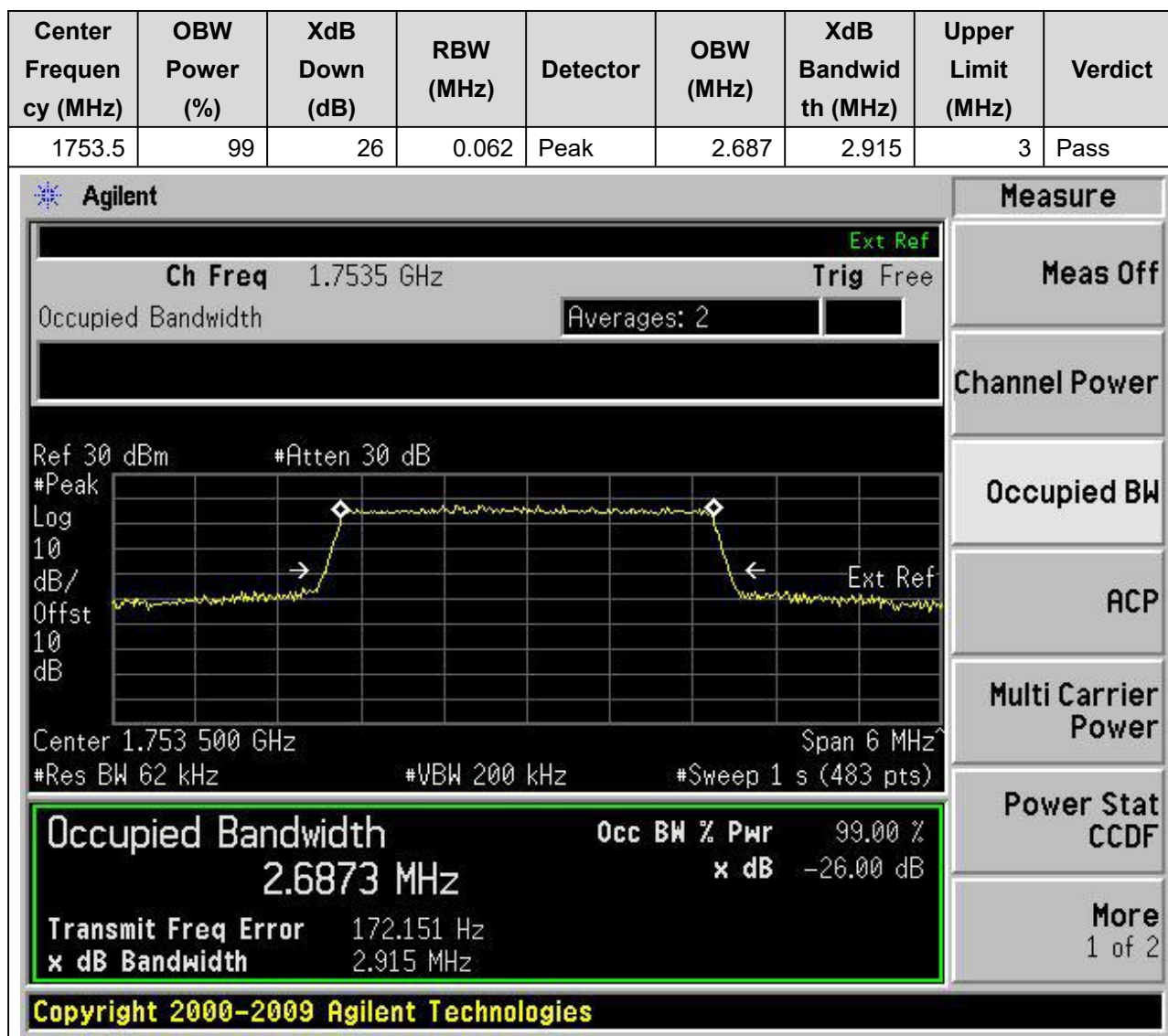
# 11.9 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:9, Channel:20175, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)



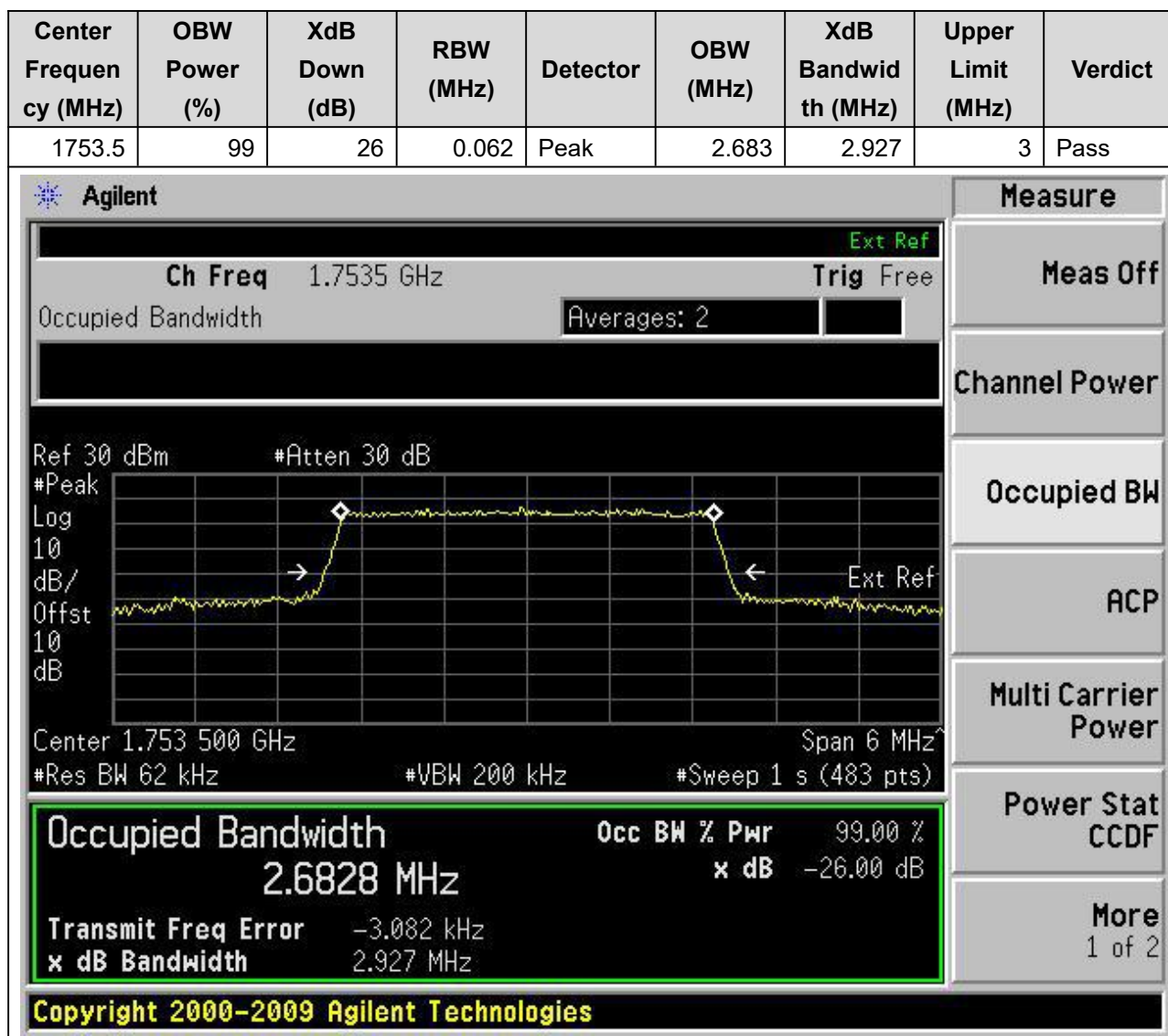
# 11.10 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:10, Channel:20175, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)



# 11.11 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:11, Channel:20385, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

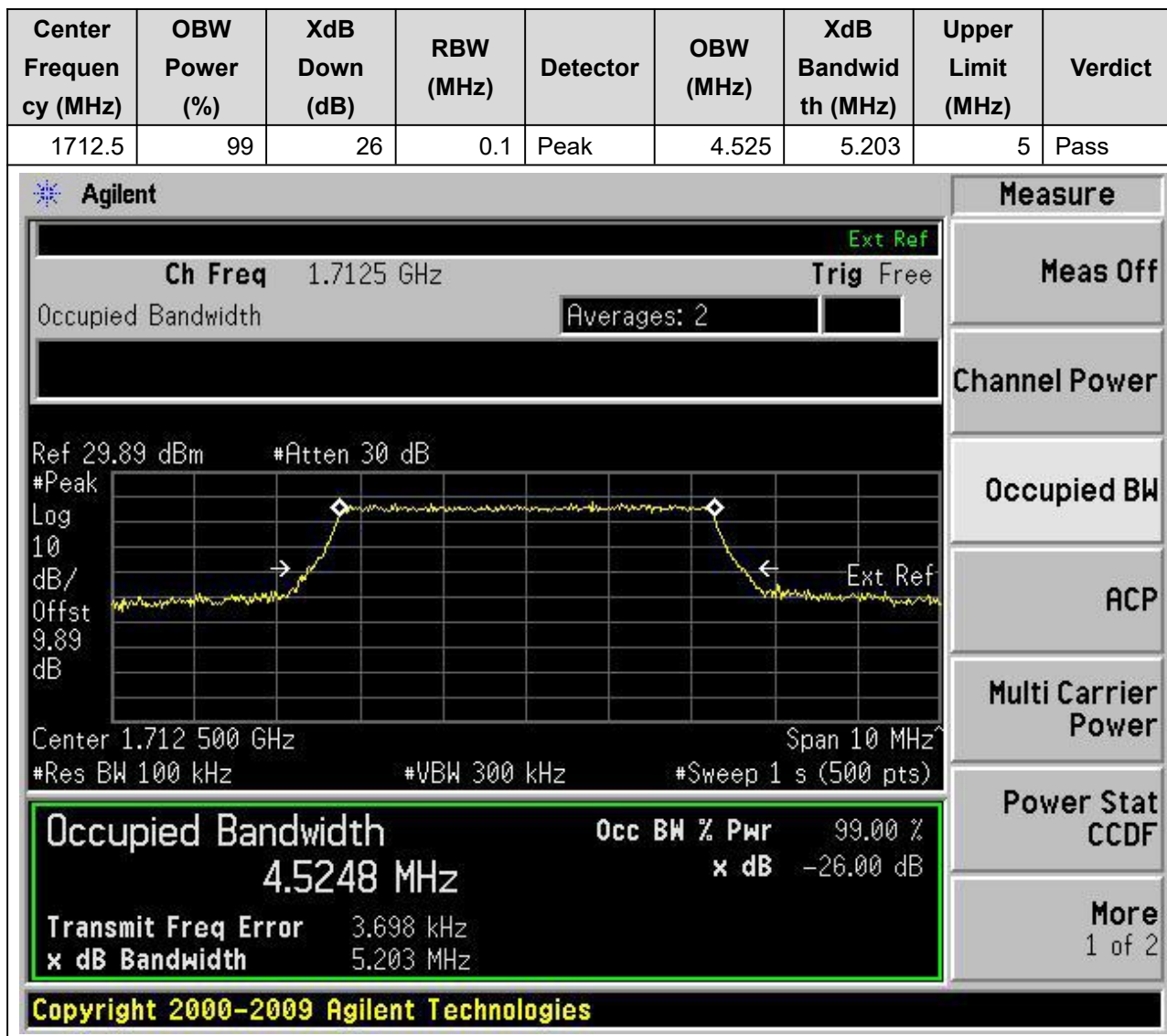


# 11.12 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:12, Channel:20385, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

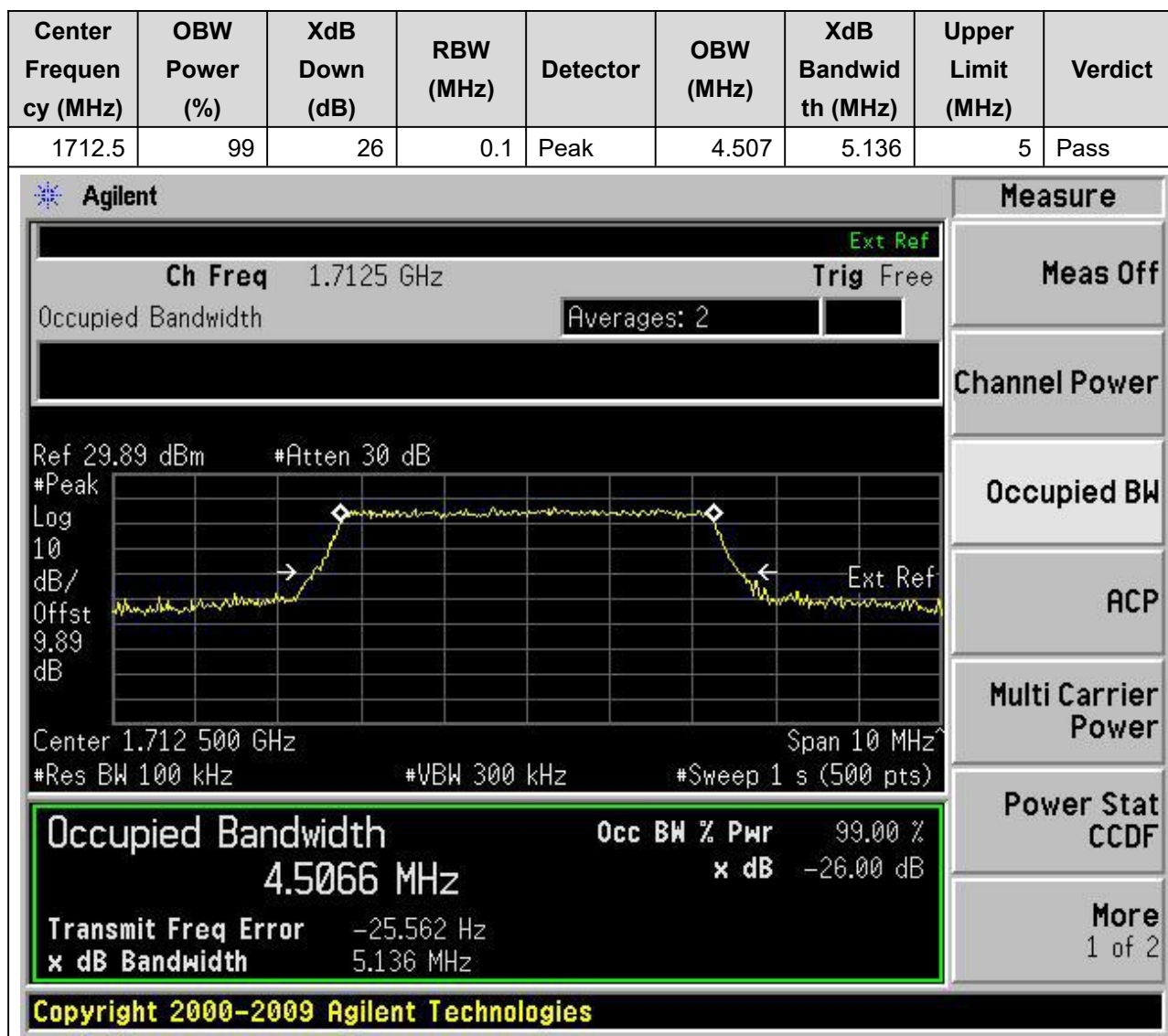




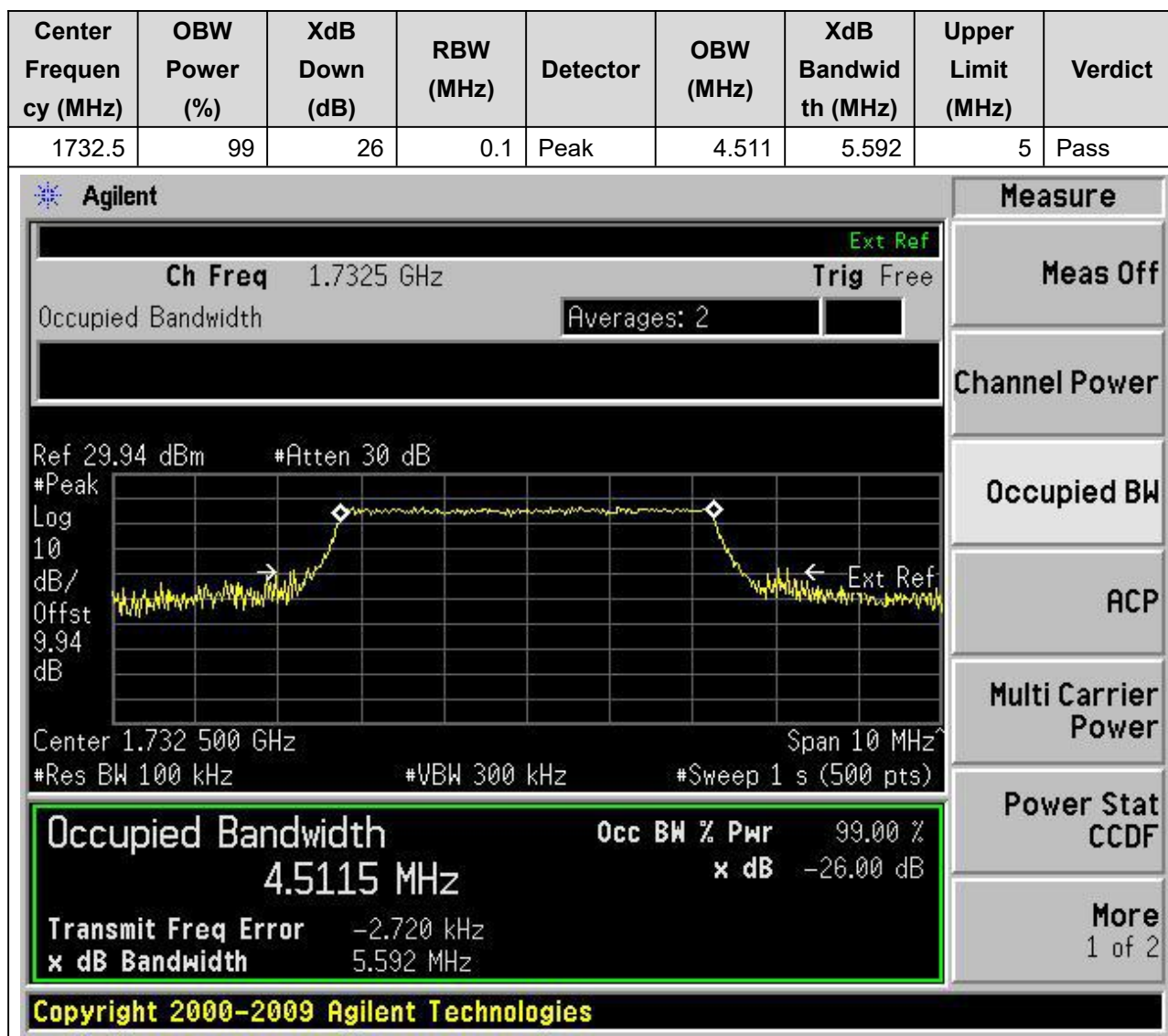
### 11.13 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:13, Channel:19975, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



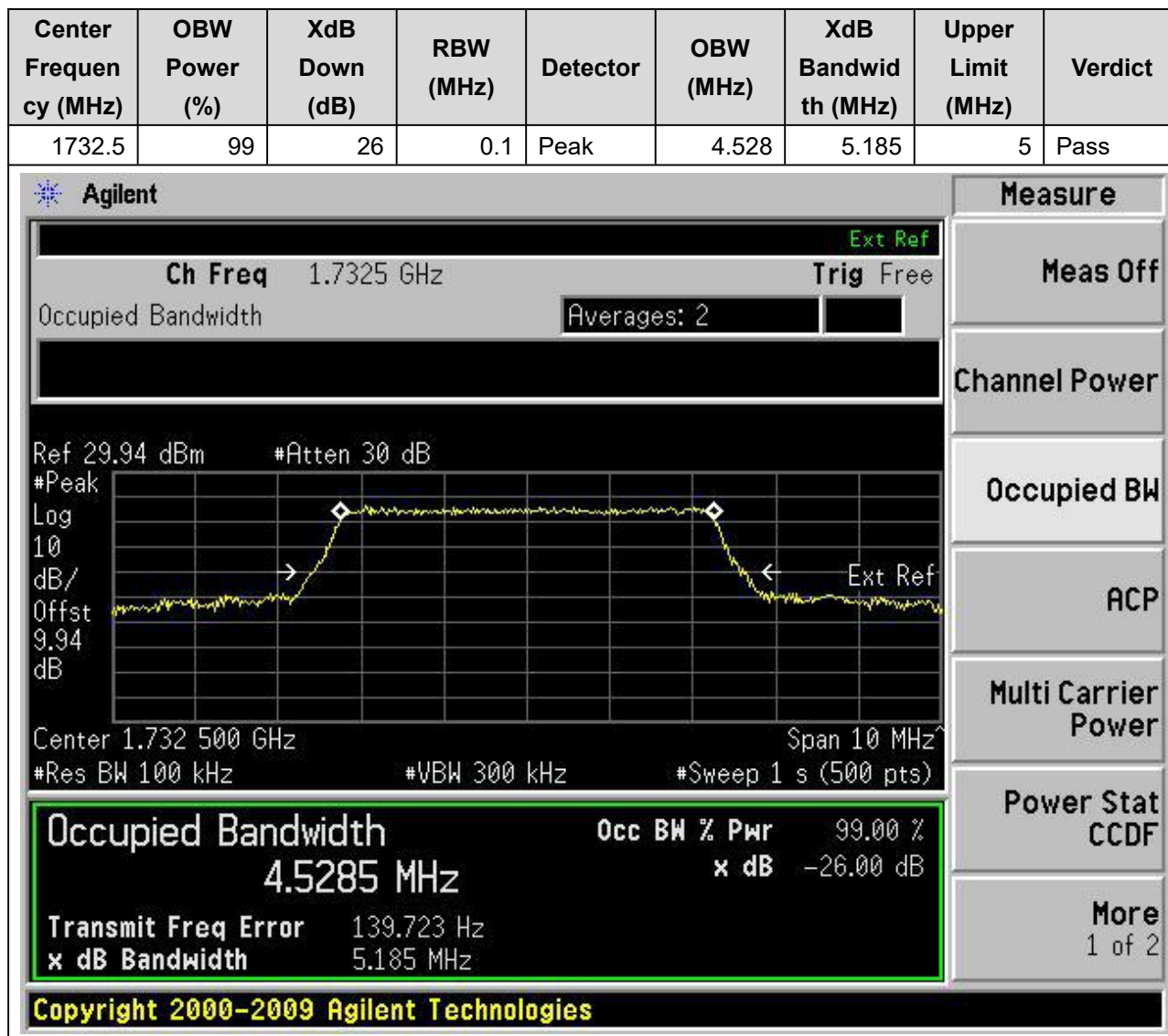
# 11.14 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:14, Channel:19975, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



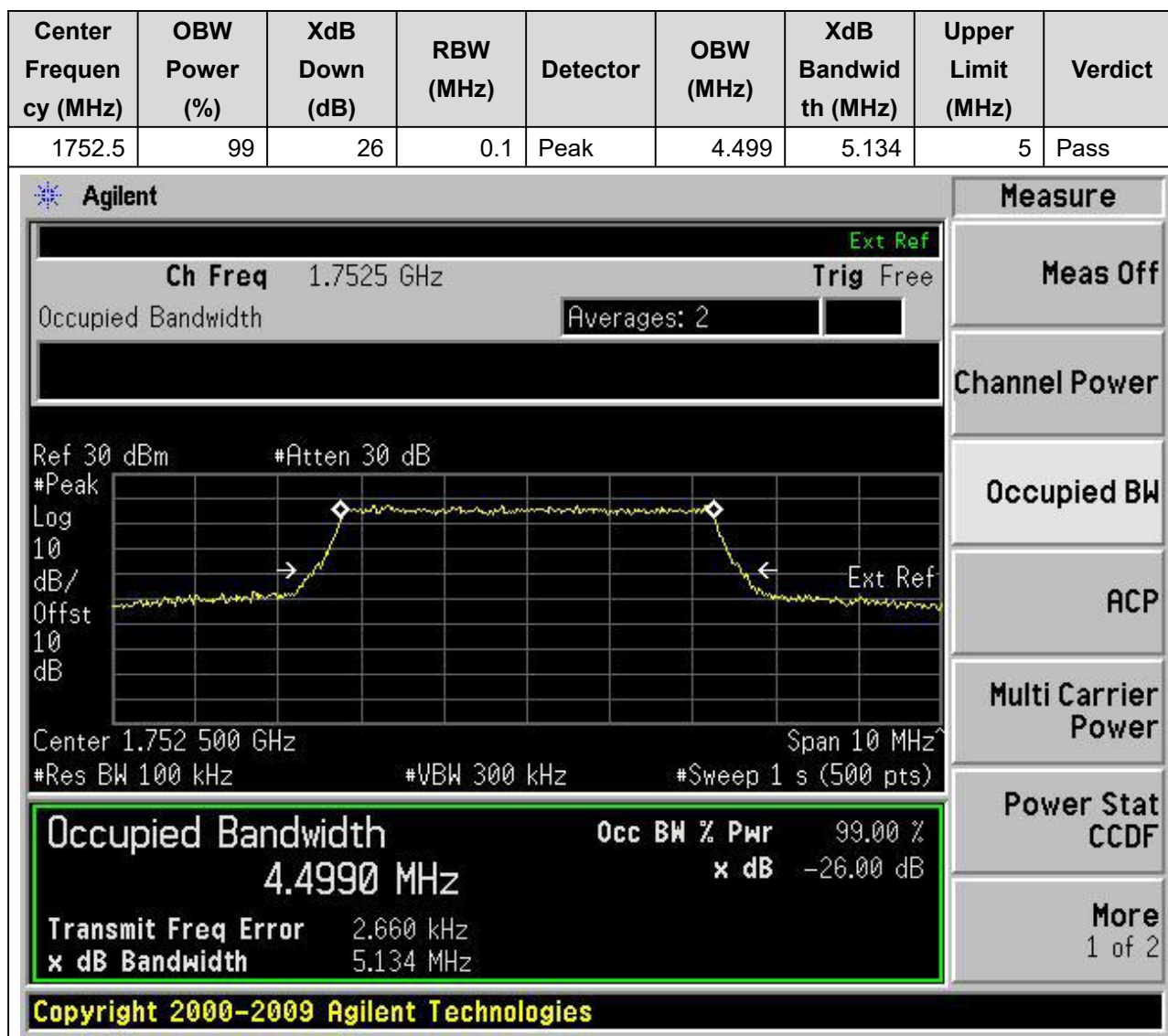
# 11.15 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:15, Channel:20175, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



# 11.16 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:16, Channel:20175, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

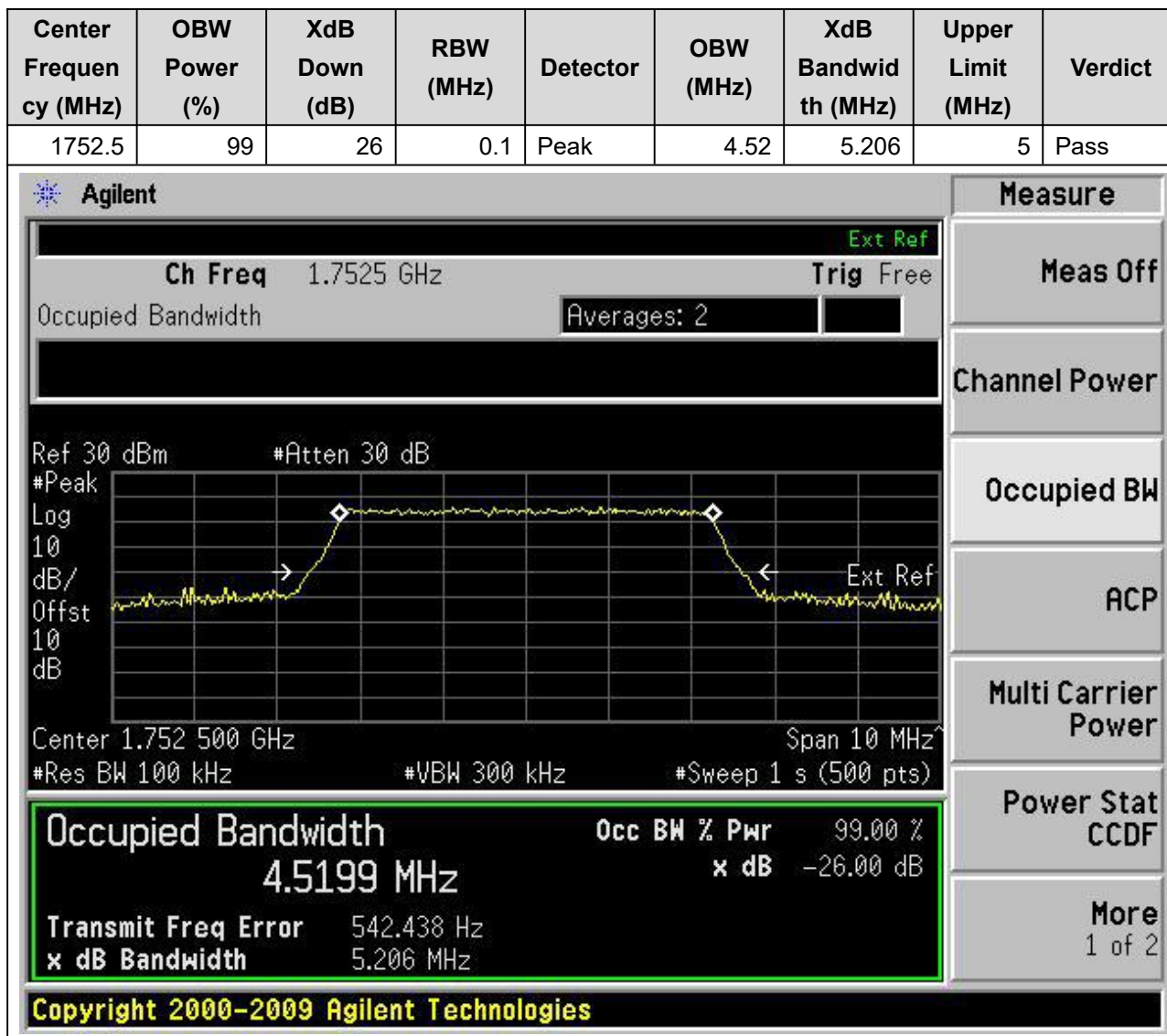


# 11.17 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:17, Channel:20375, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

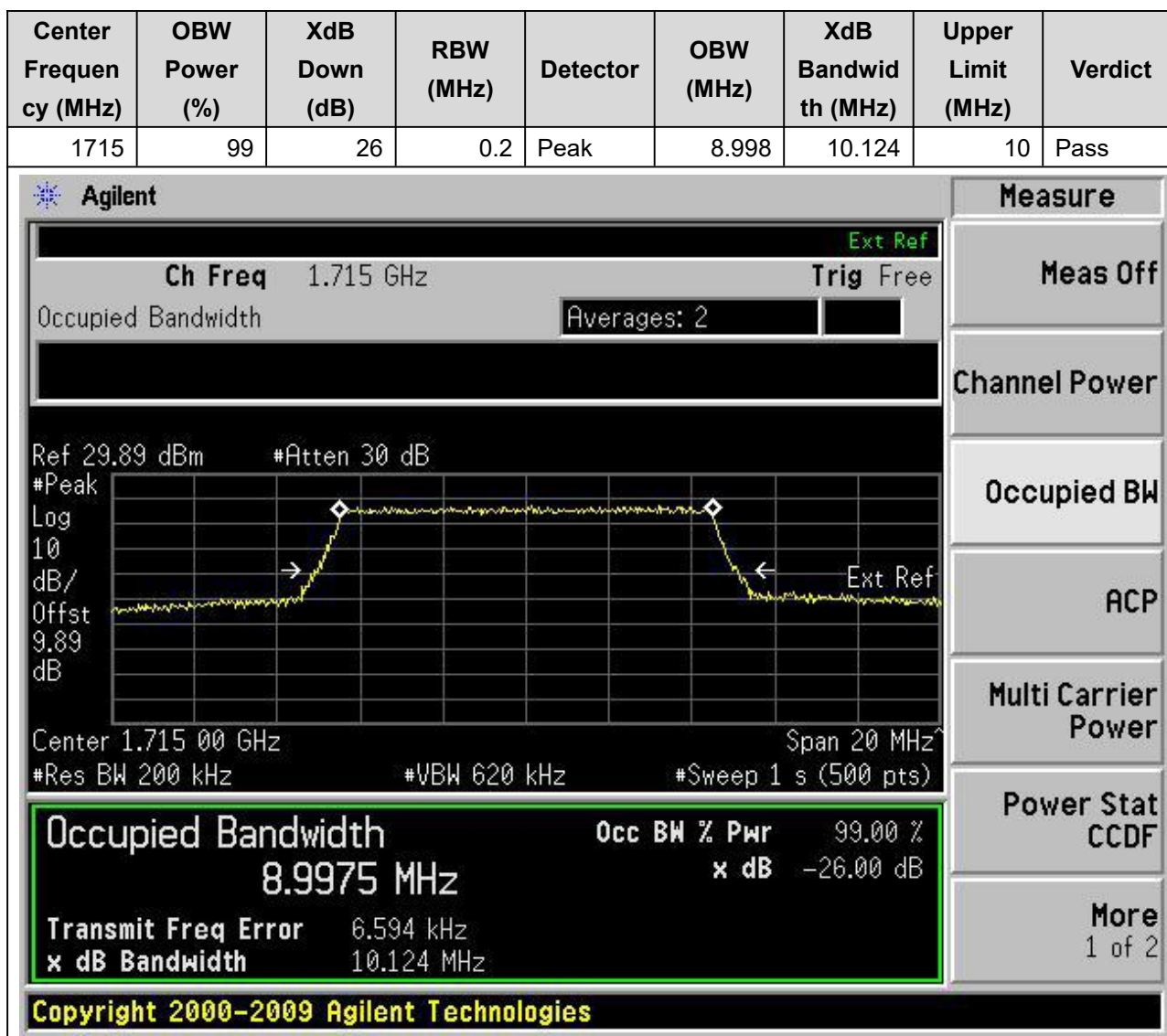




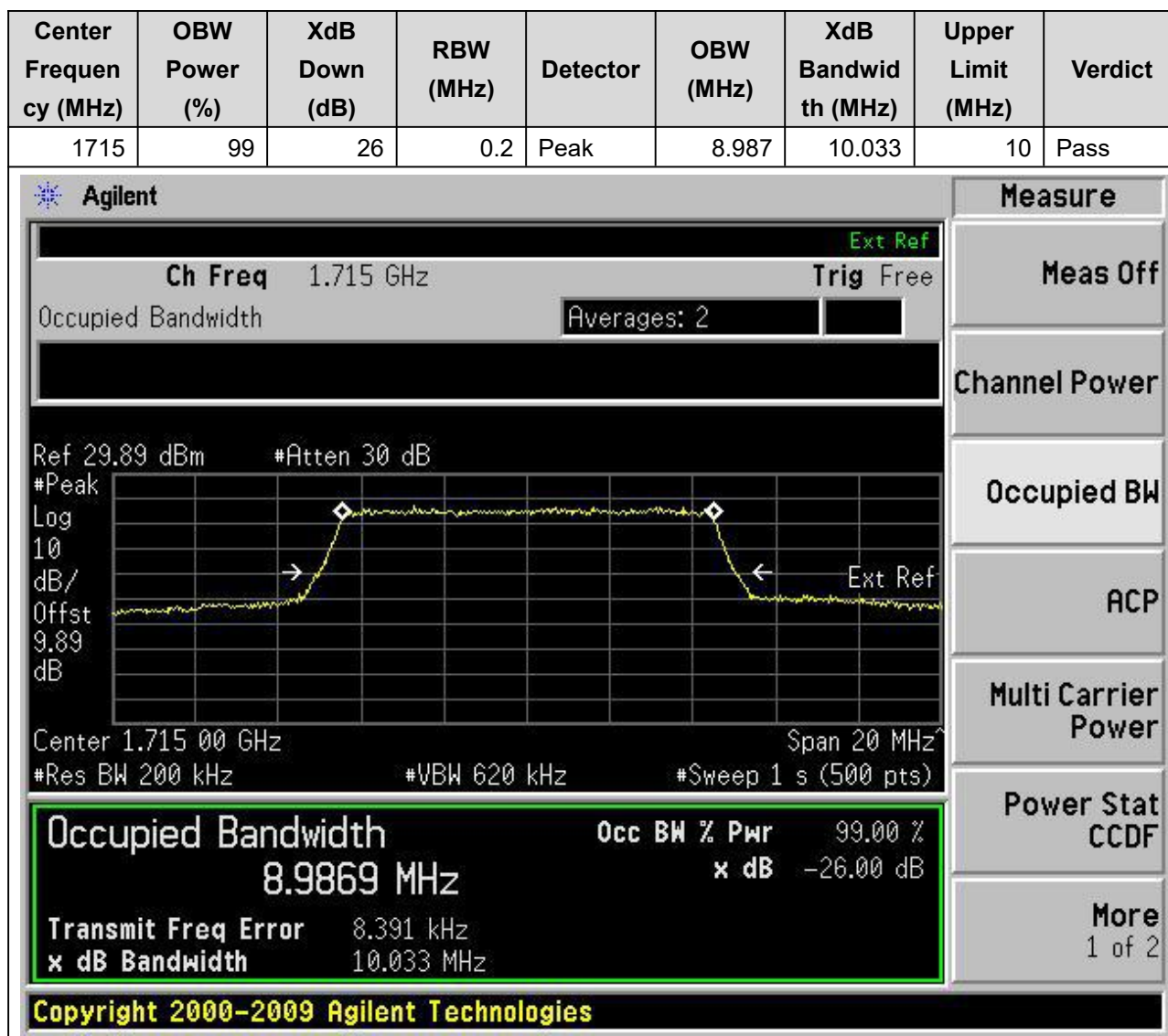
# 11.18 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:18, Channel:20375, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



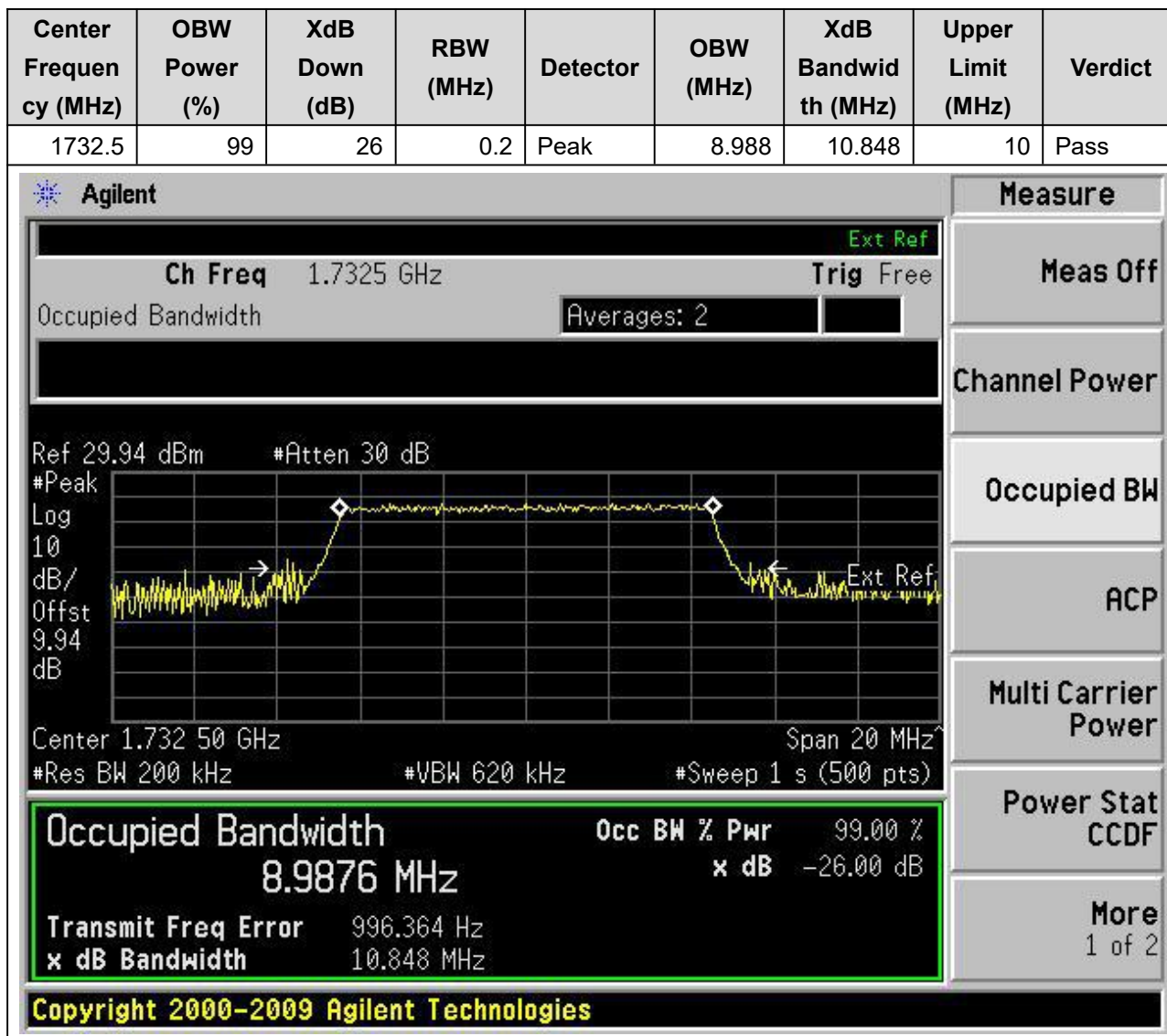
# 11.19 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:19, Channel:20000, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



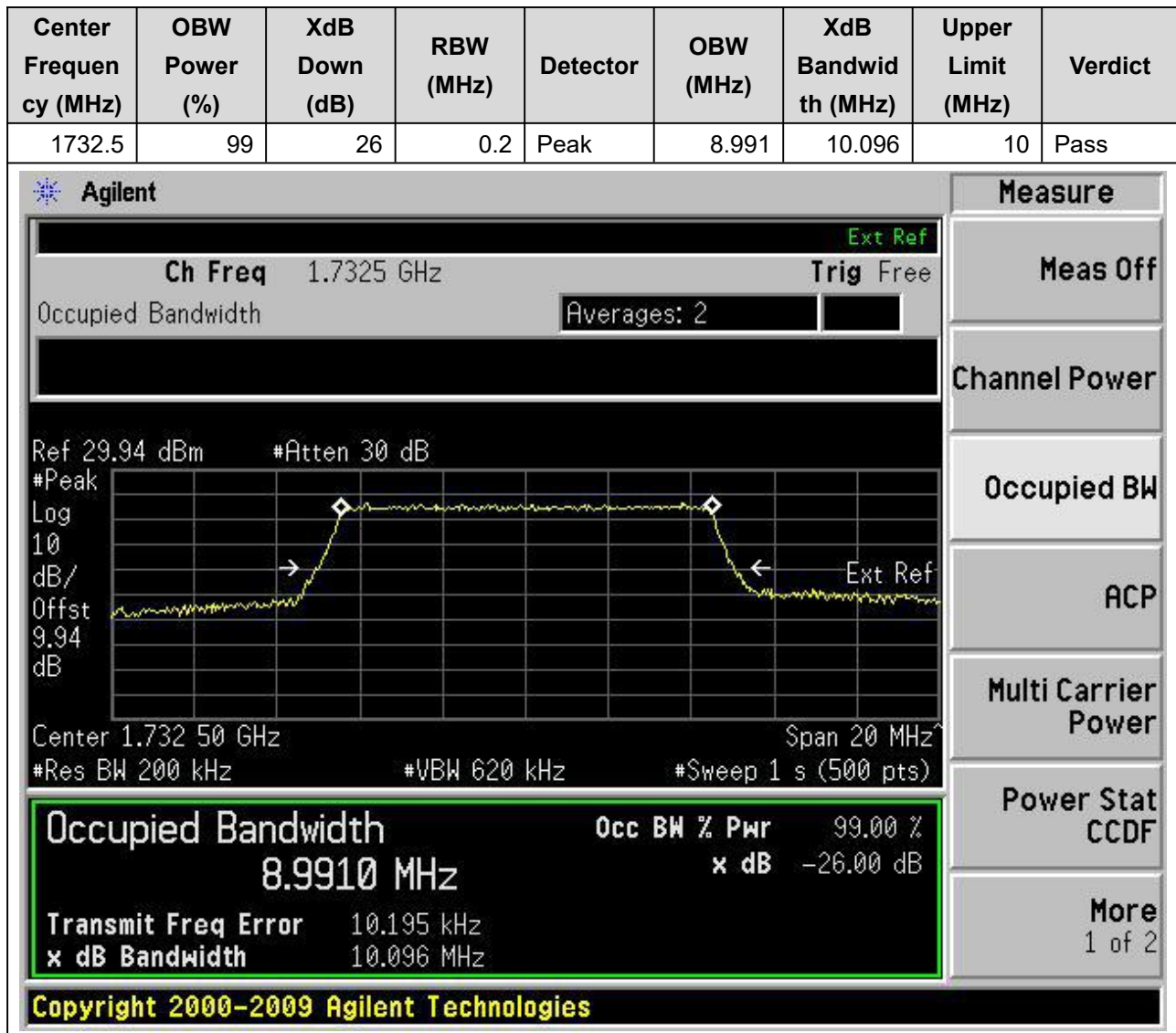
# 11.20 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:20, Channel:20000, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



# 11.21 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:21, Channel:20175, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

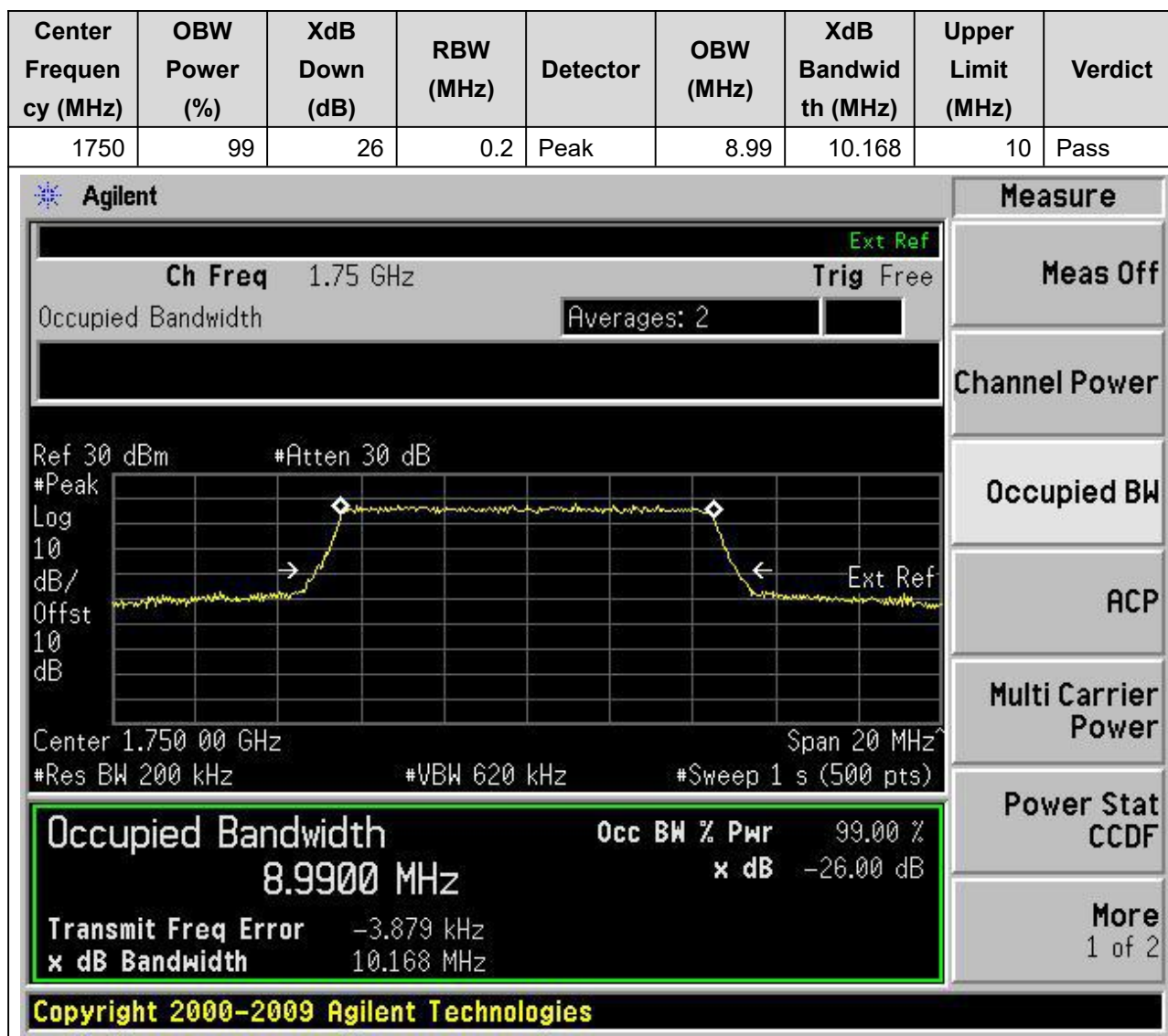


# 11.22 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:22, Channel:20175, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

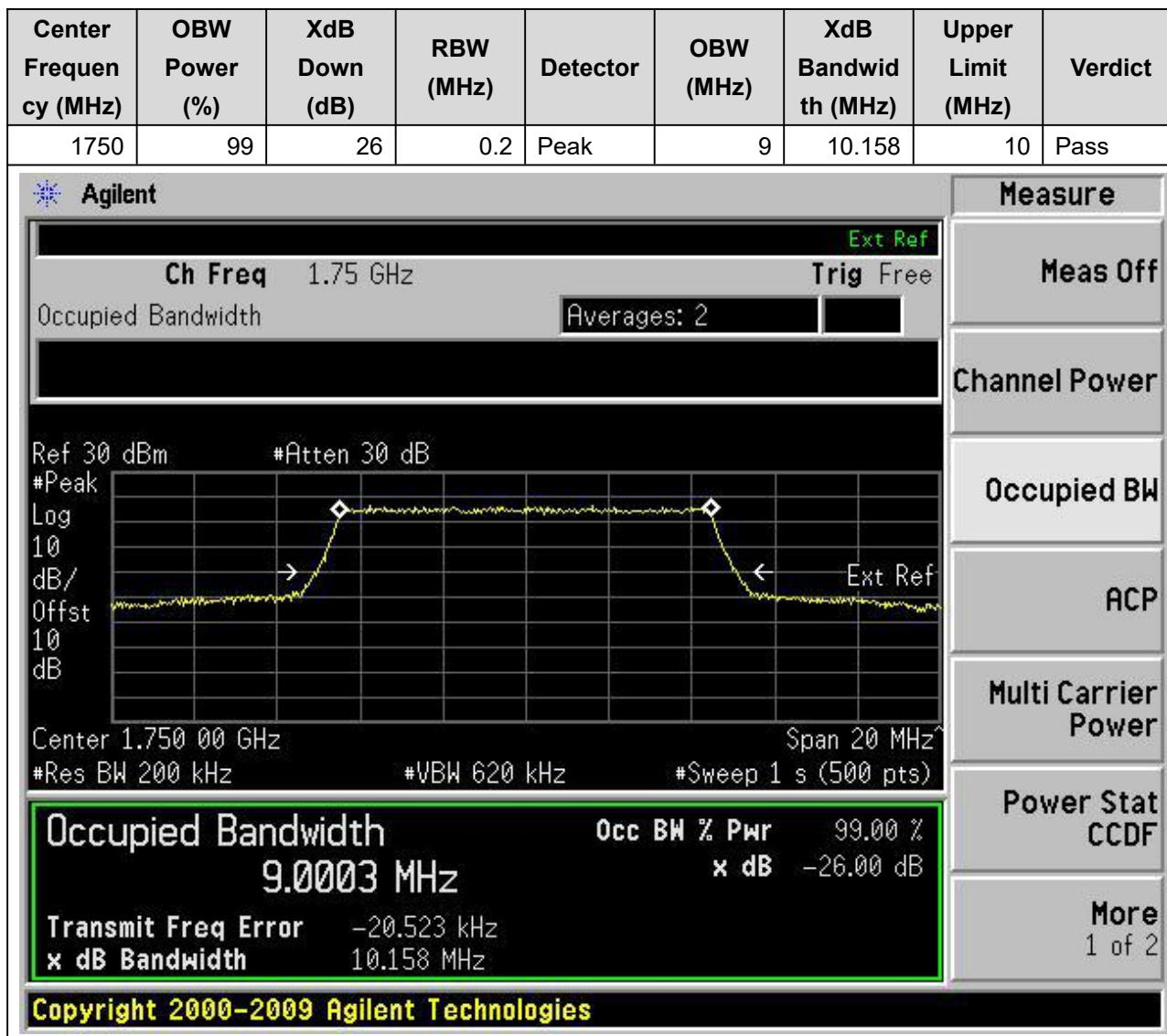




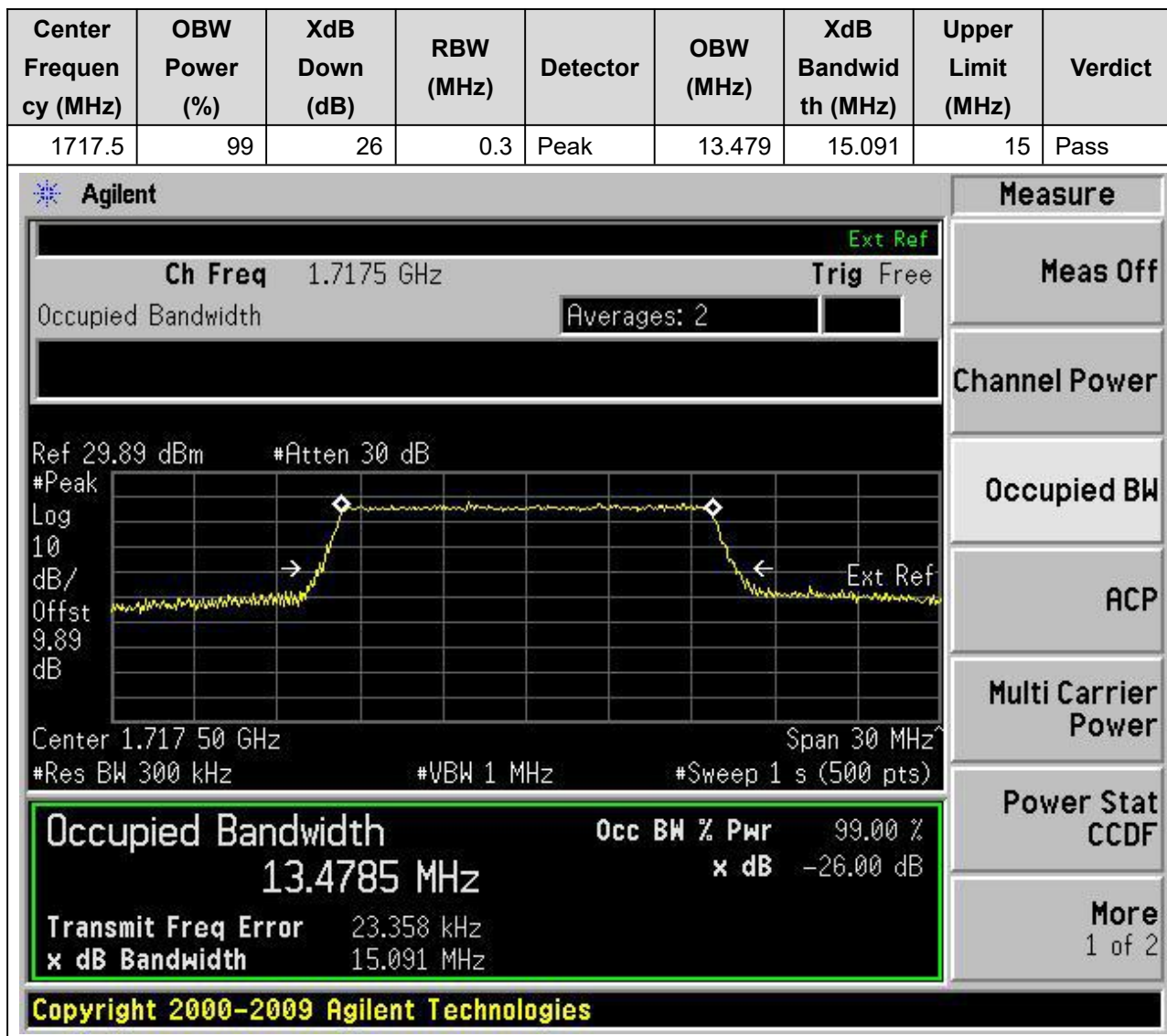
### 11.23 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:23, Channel:20350, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



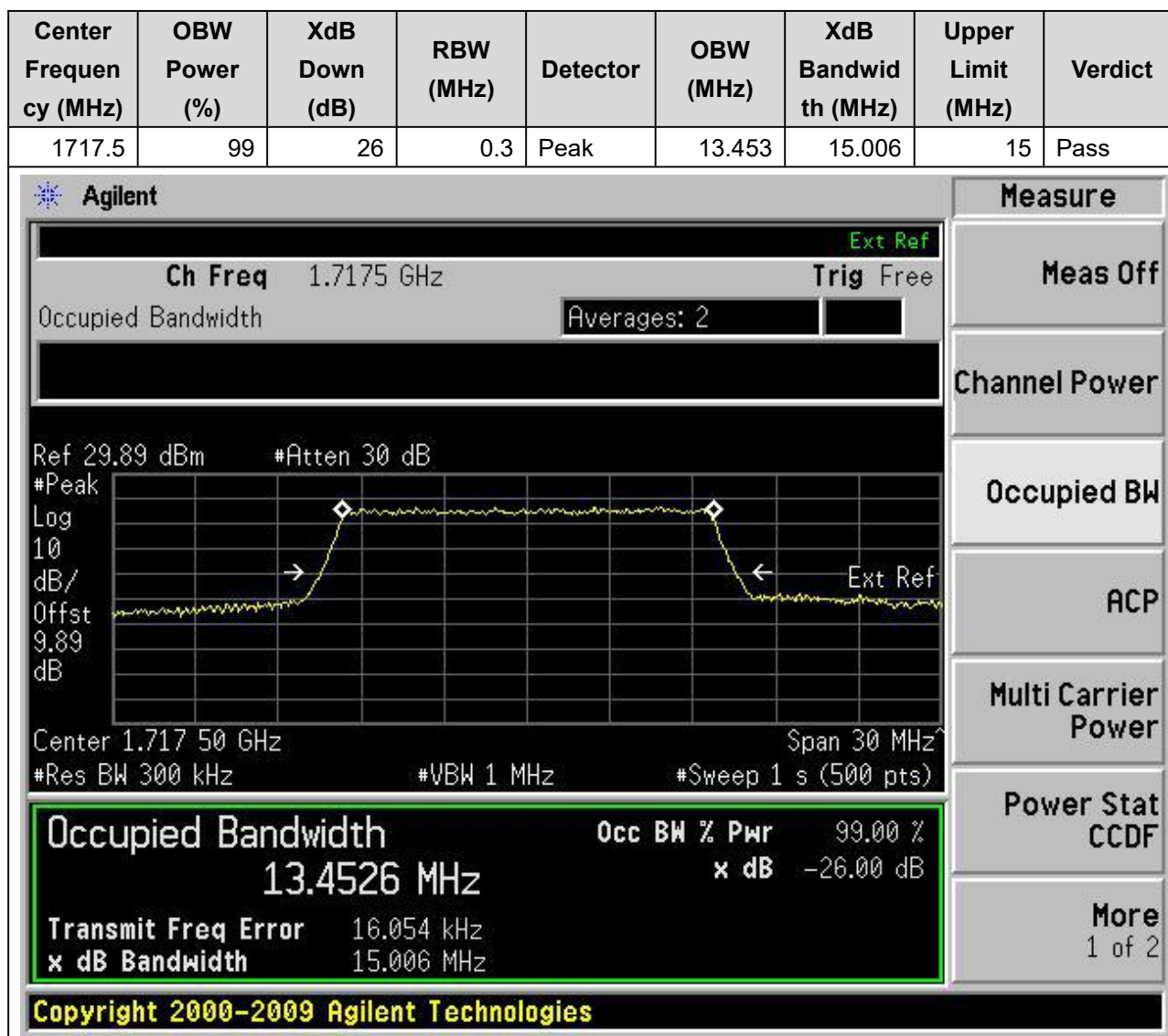
# 11.24 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:24, Channel:20350, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



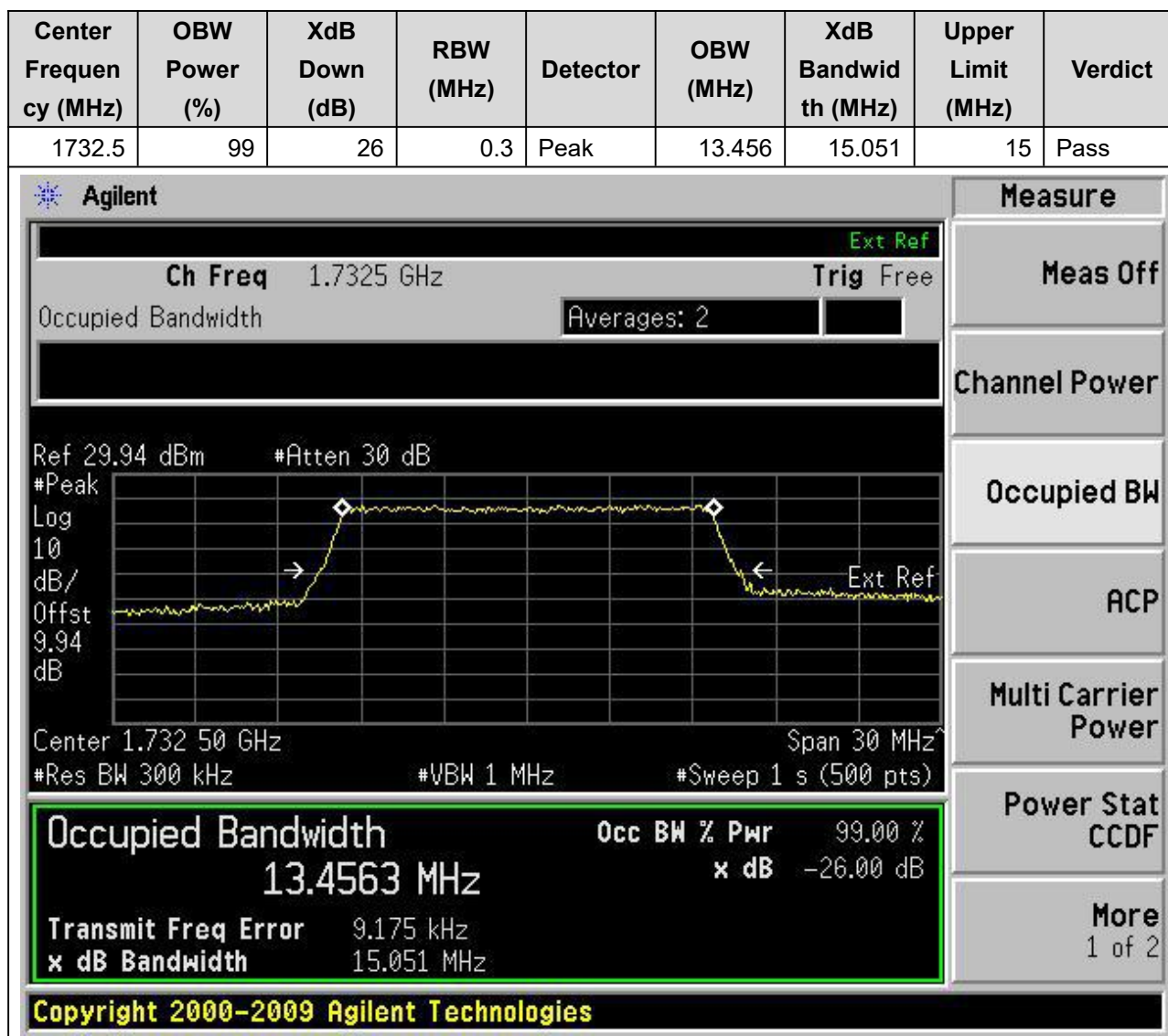
# 11.25 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:25, Channel:20025, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



# 11.26 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:26, Channel:20025, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

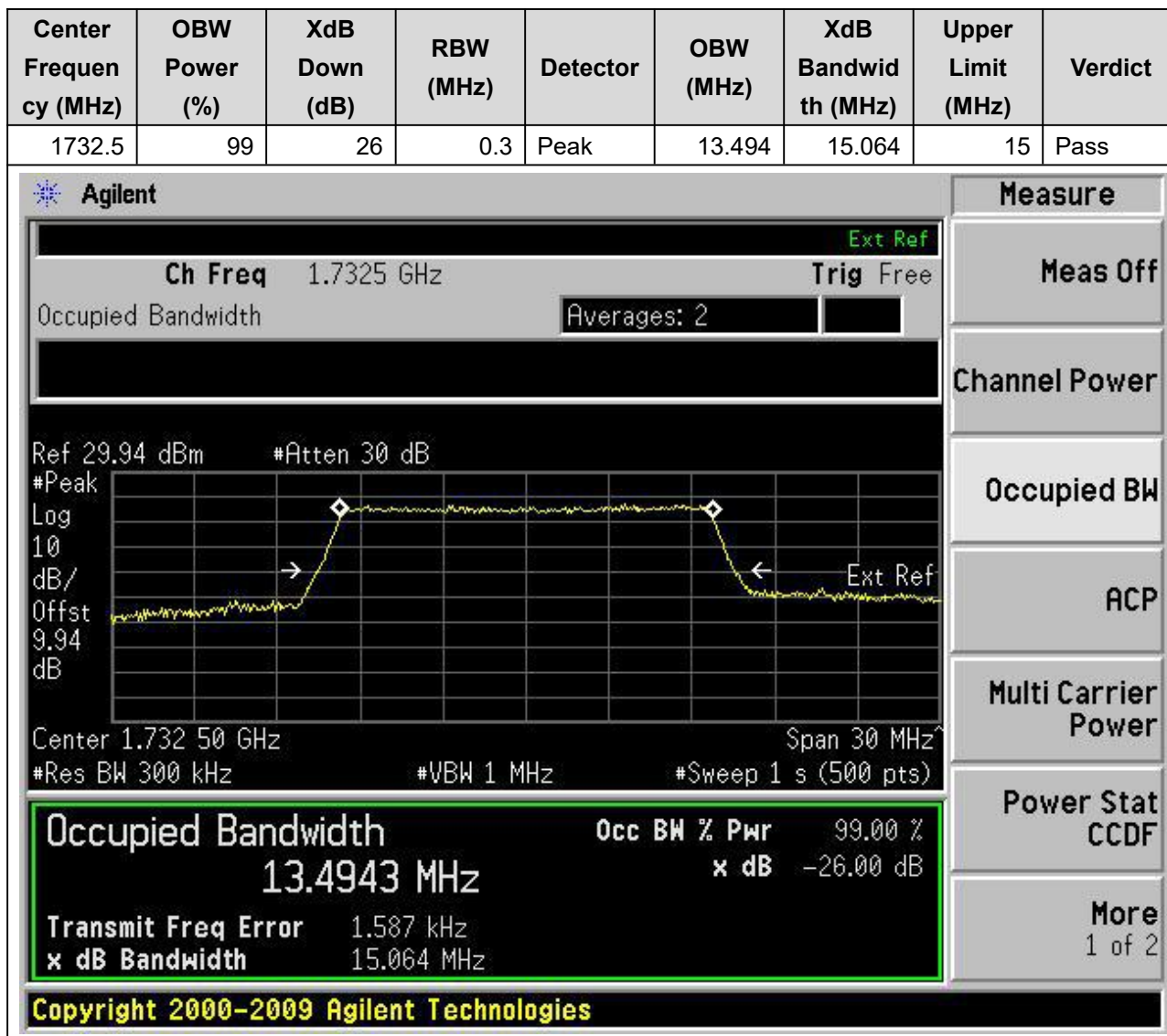


# 11.27 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:27, Channel:20175, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

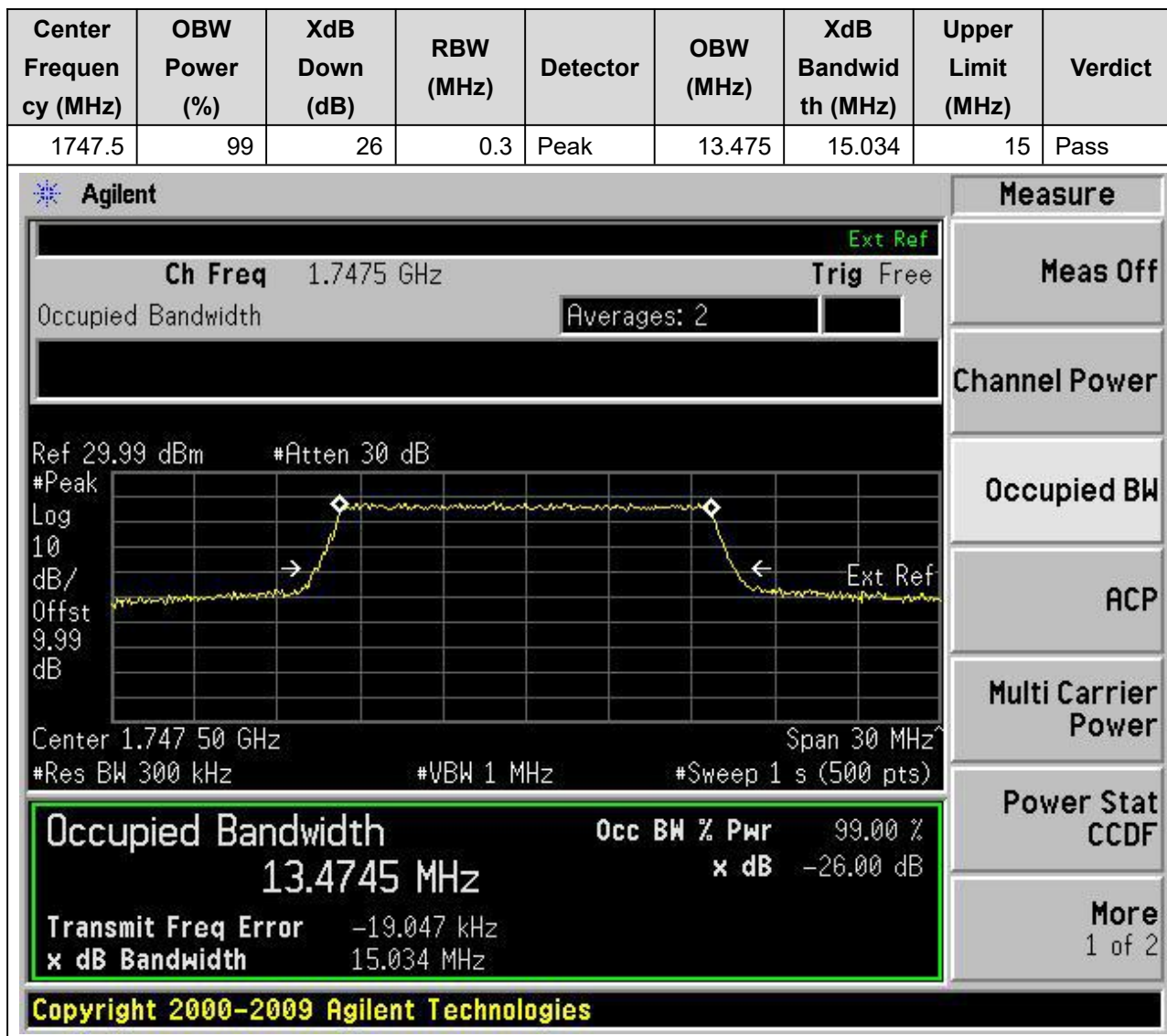




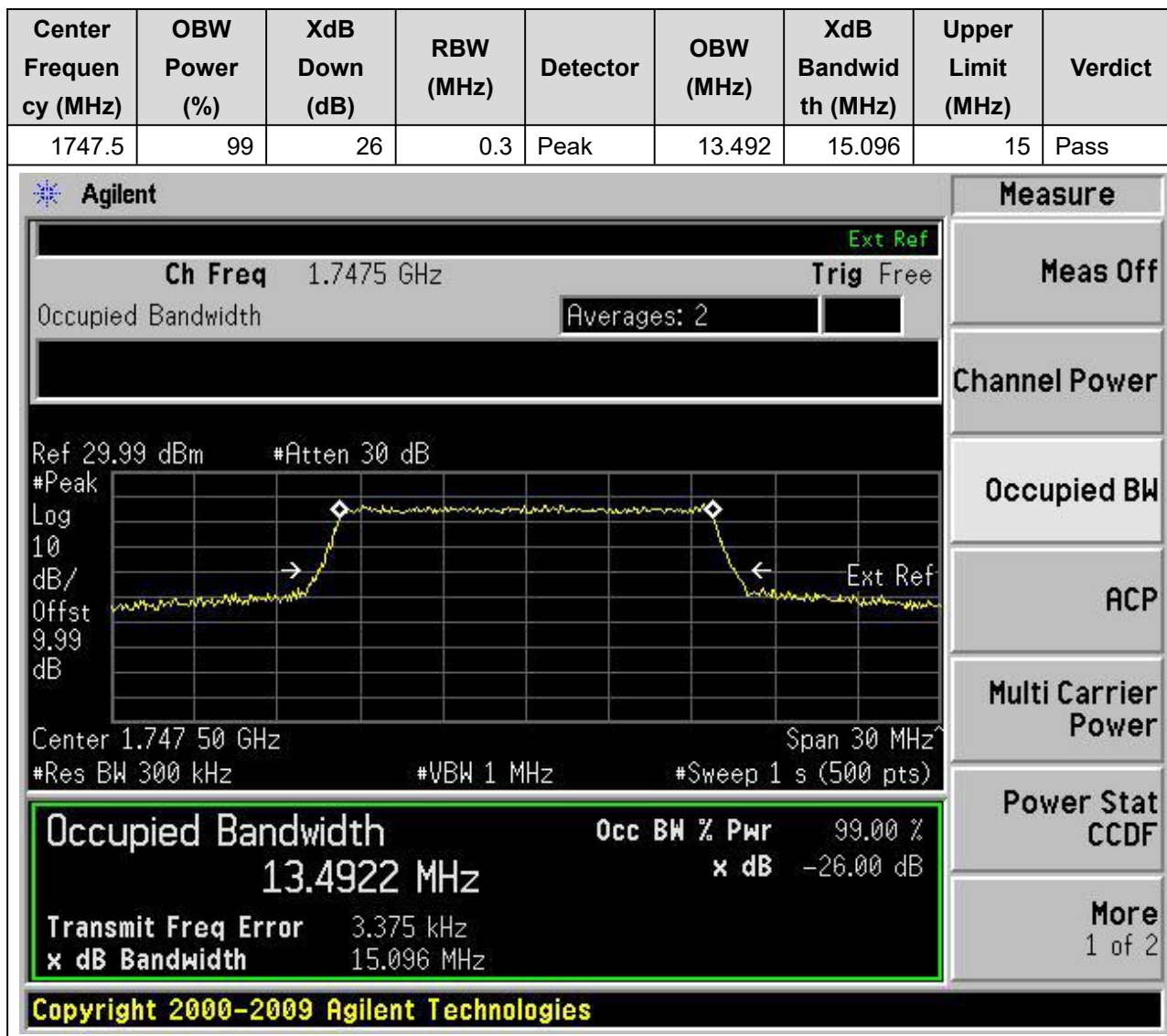
# 11.28 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:28, Channel:20175, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



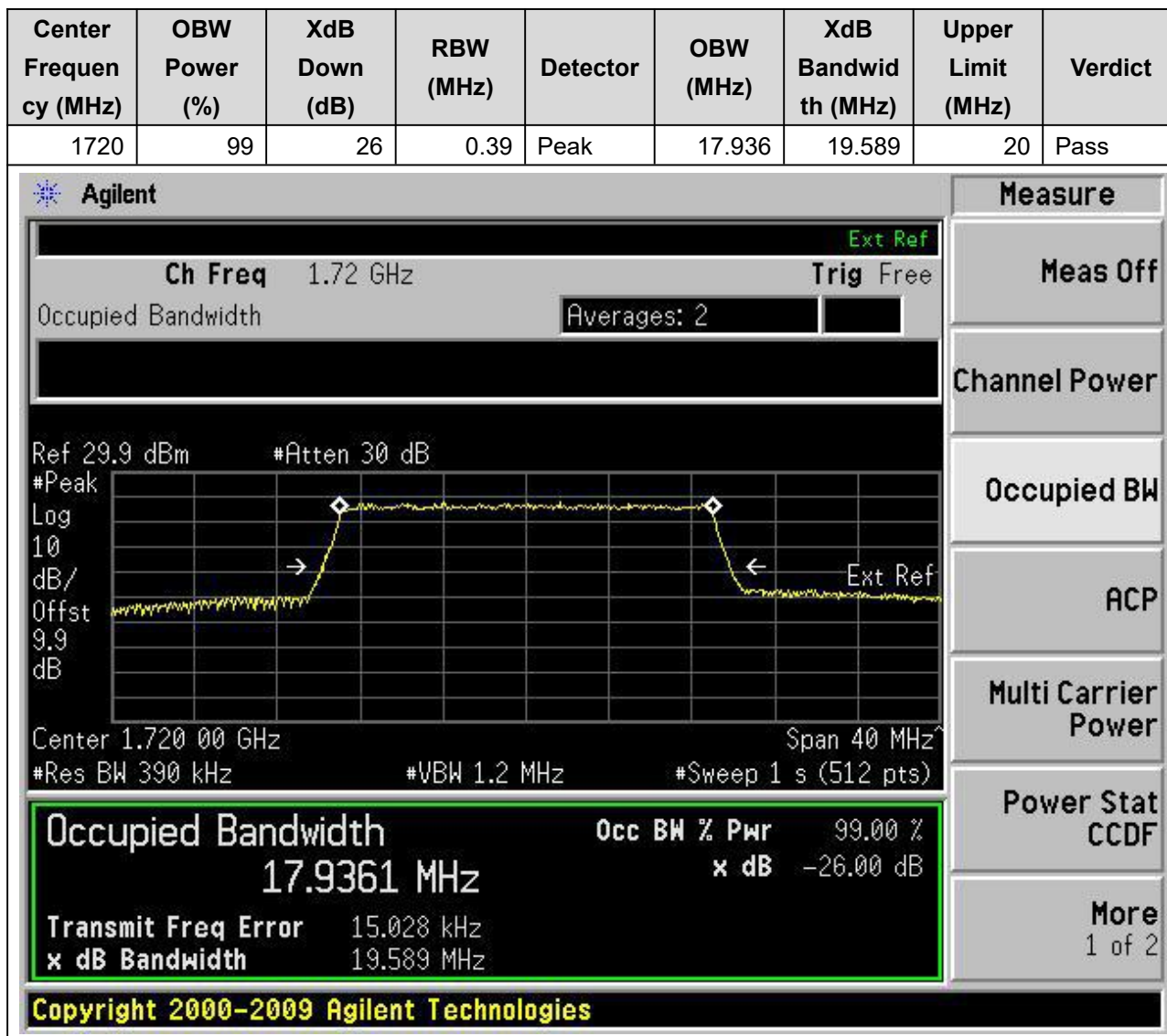
# 11.29 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:29, Channel:20325, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



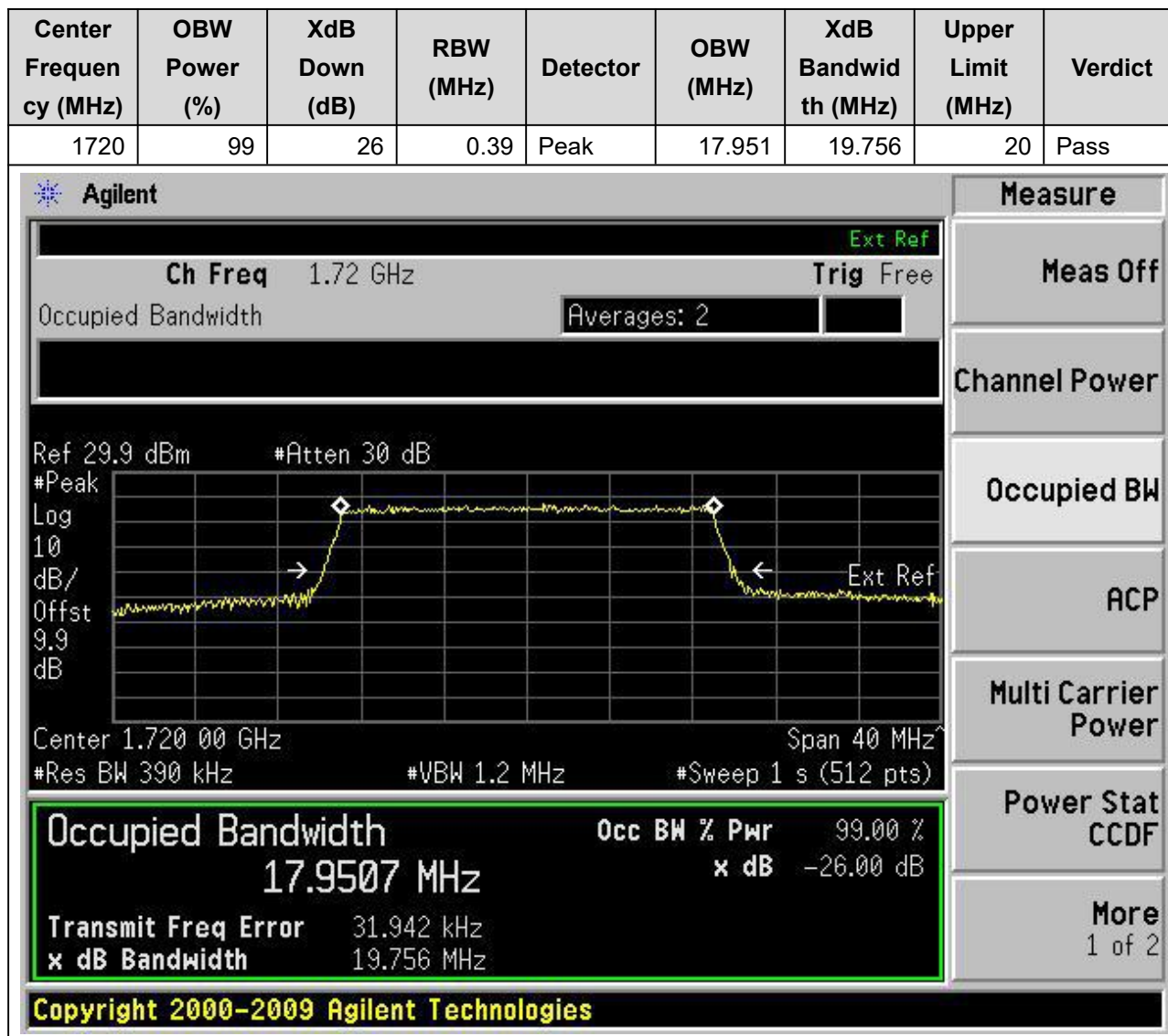
### 11.30 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:30, Channel:20325, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



### 11.31 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:31, Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

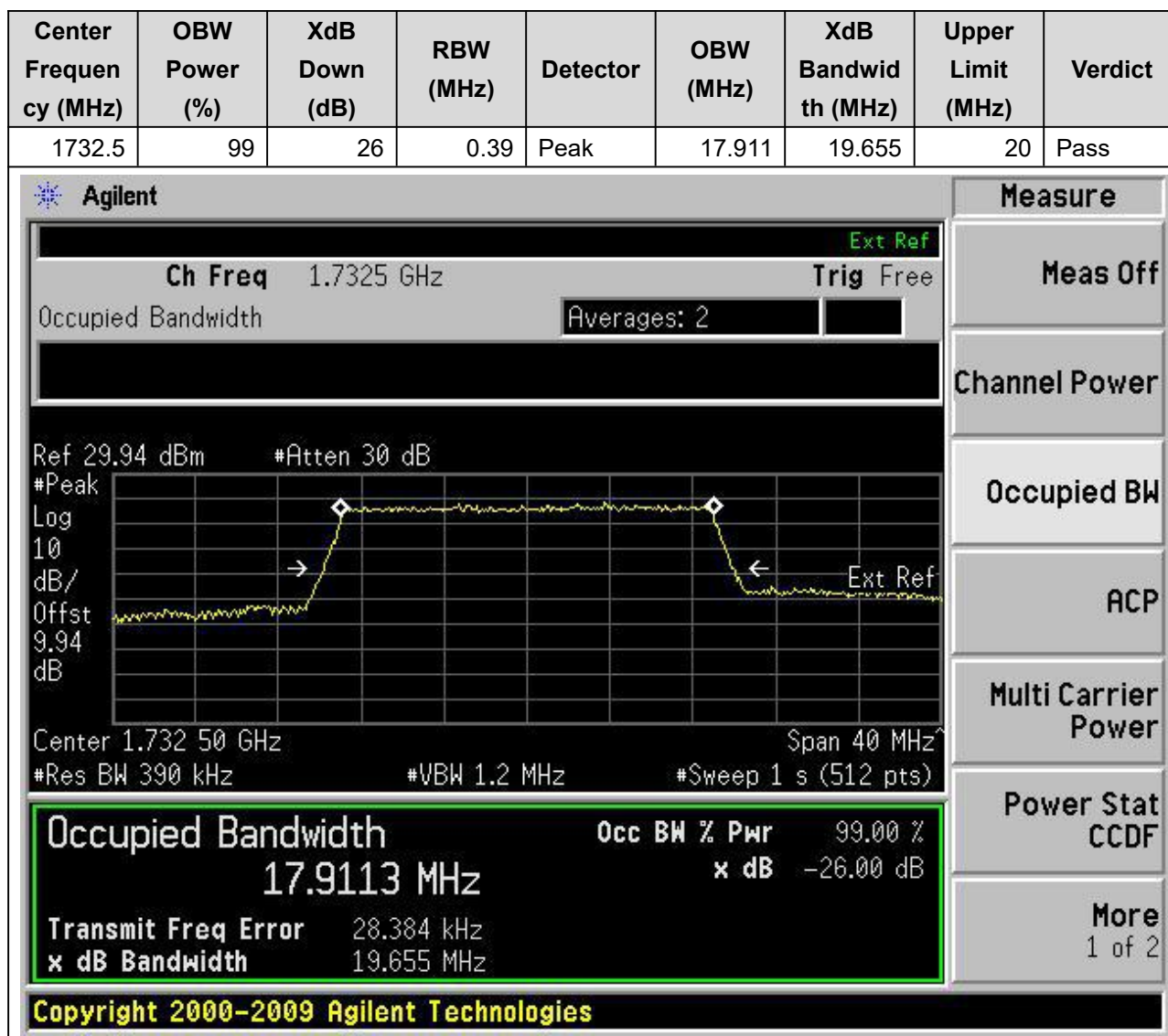


### 11.32 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:32, Channel:20050, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

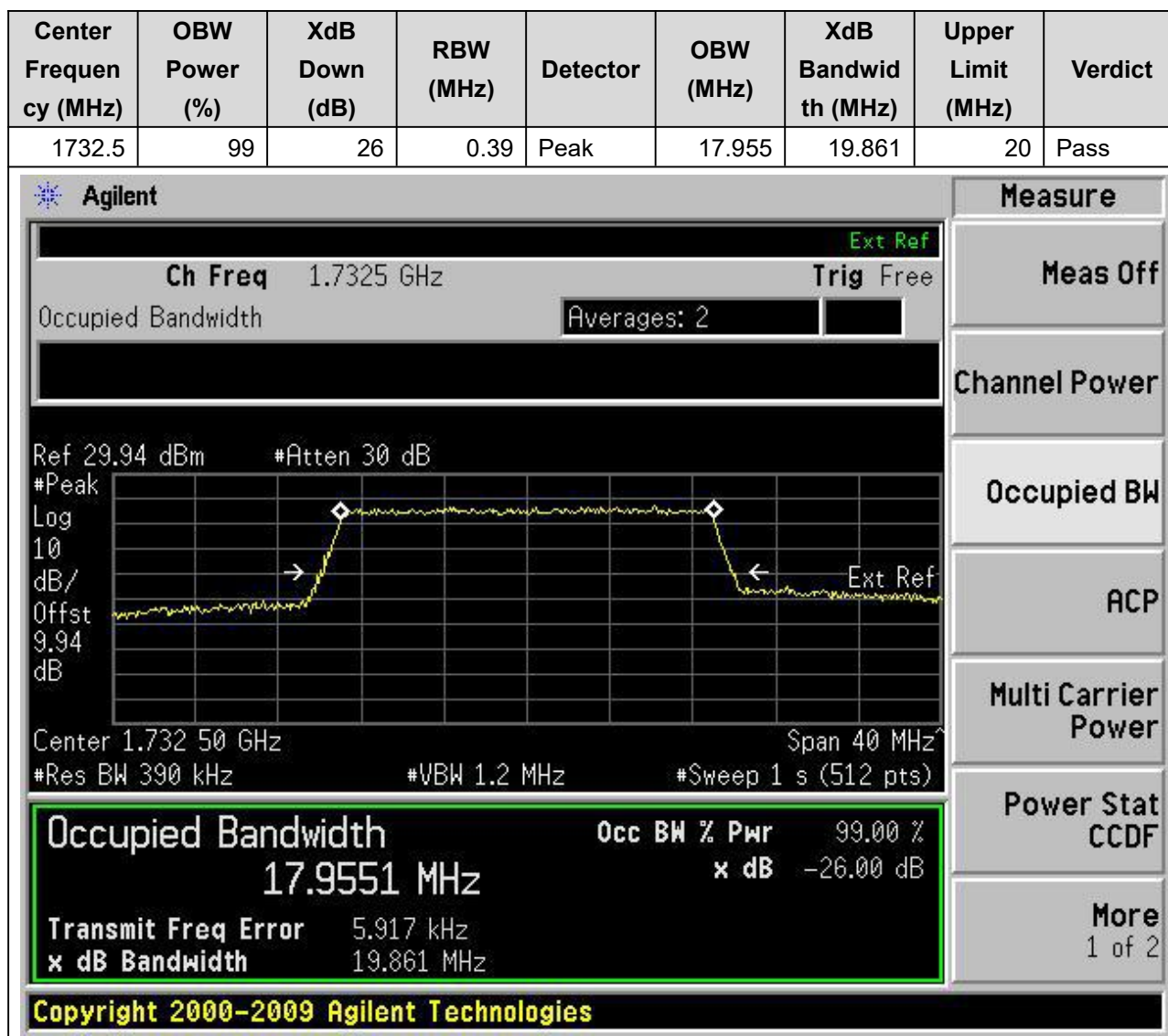




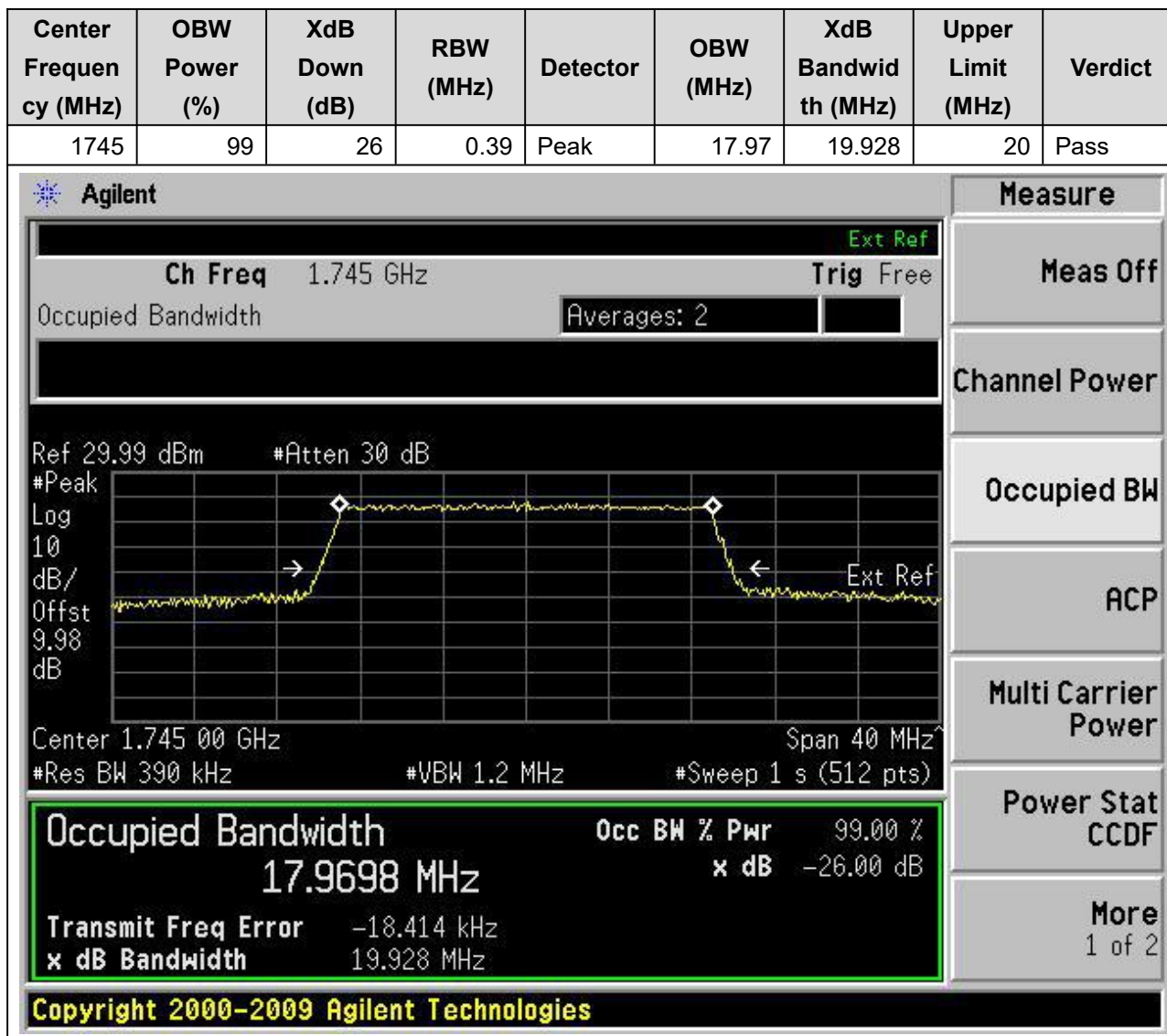
### 11.33 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:33, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



### 11.34 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:34, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

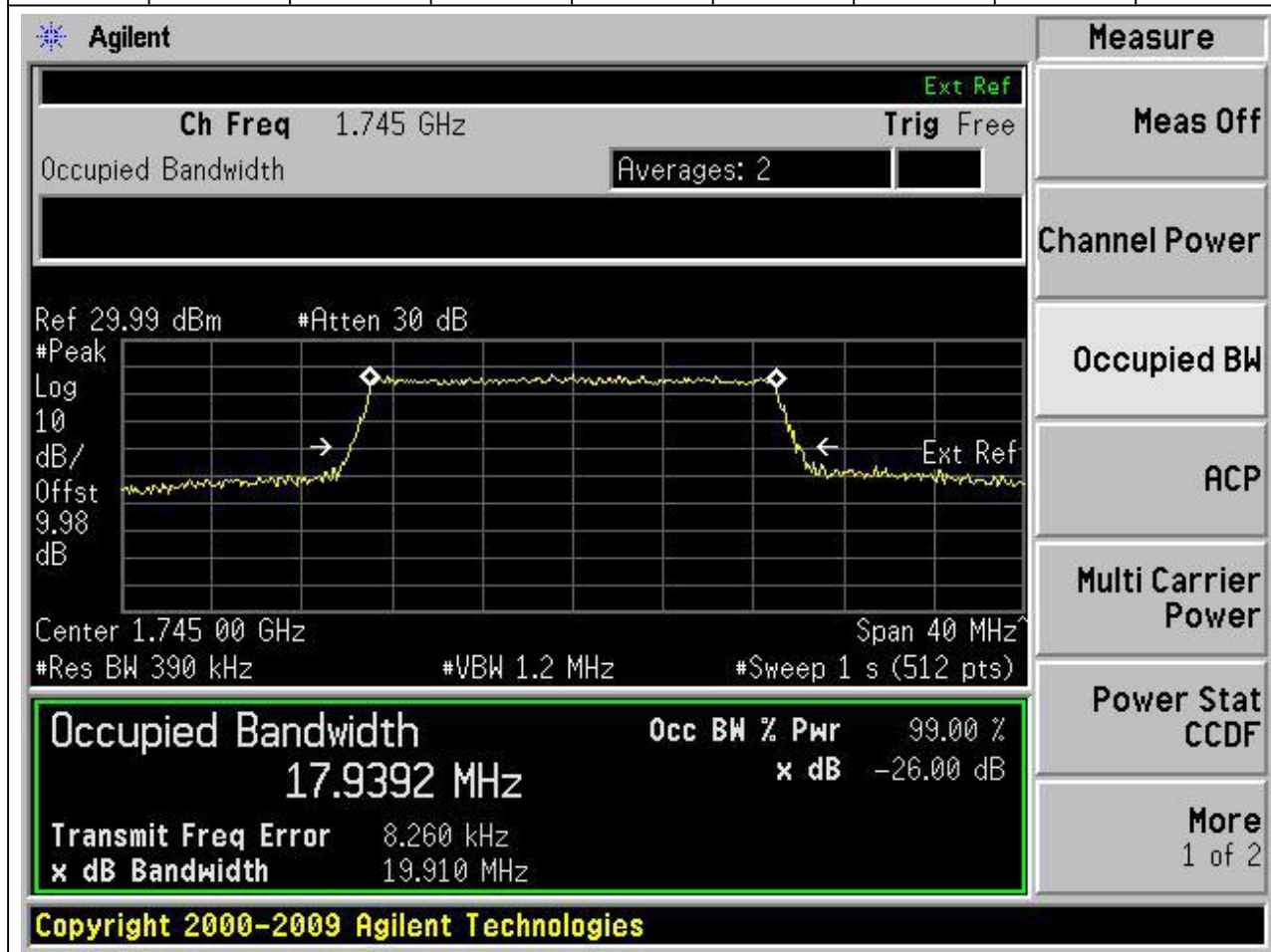


### 11.35 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:35, Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



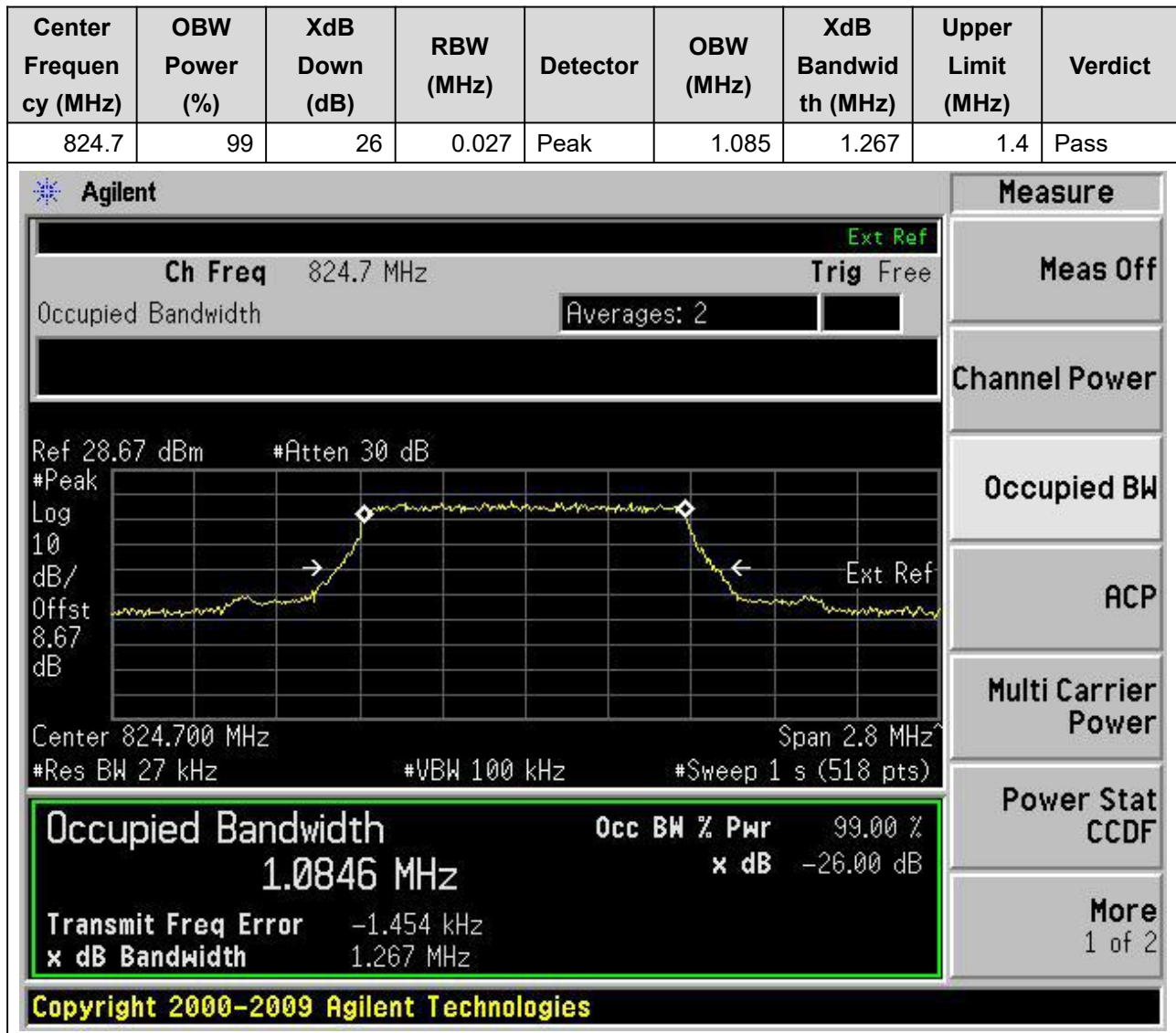
### 11.36 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:36, Channel:20300, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745                   | 99            | 26            | 0.39      | Peak     | 17.939    | 19.91               | 20                | Pass    |



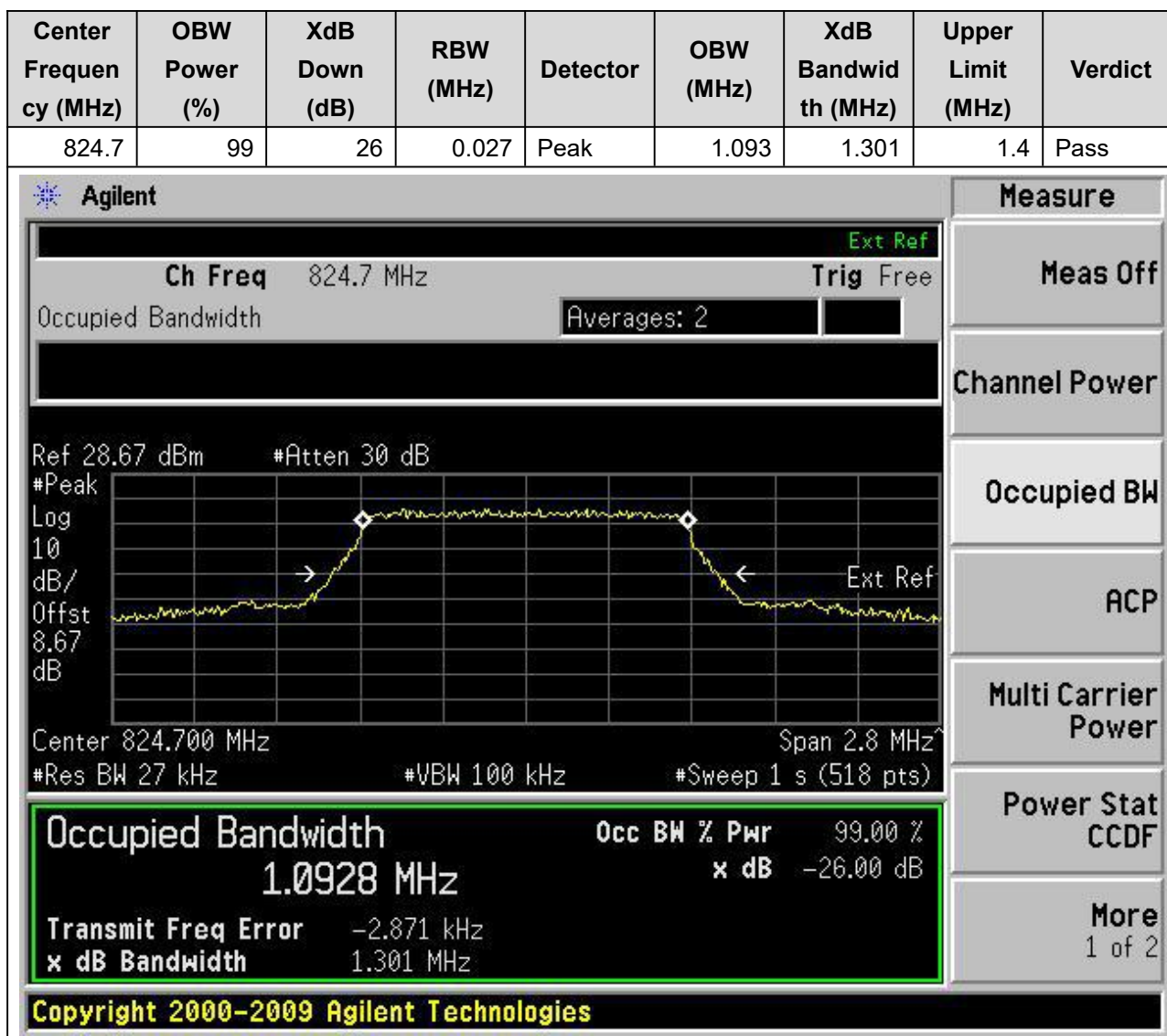
## 12. LTE\_Band5

12.1 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:1, Channel:20407, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

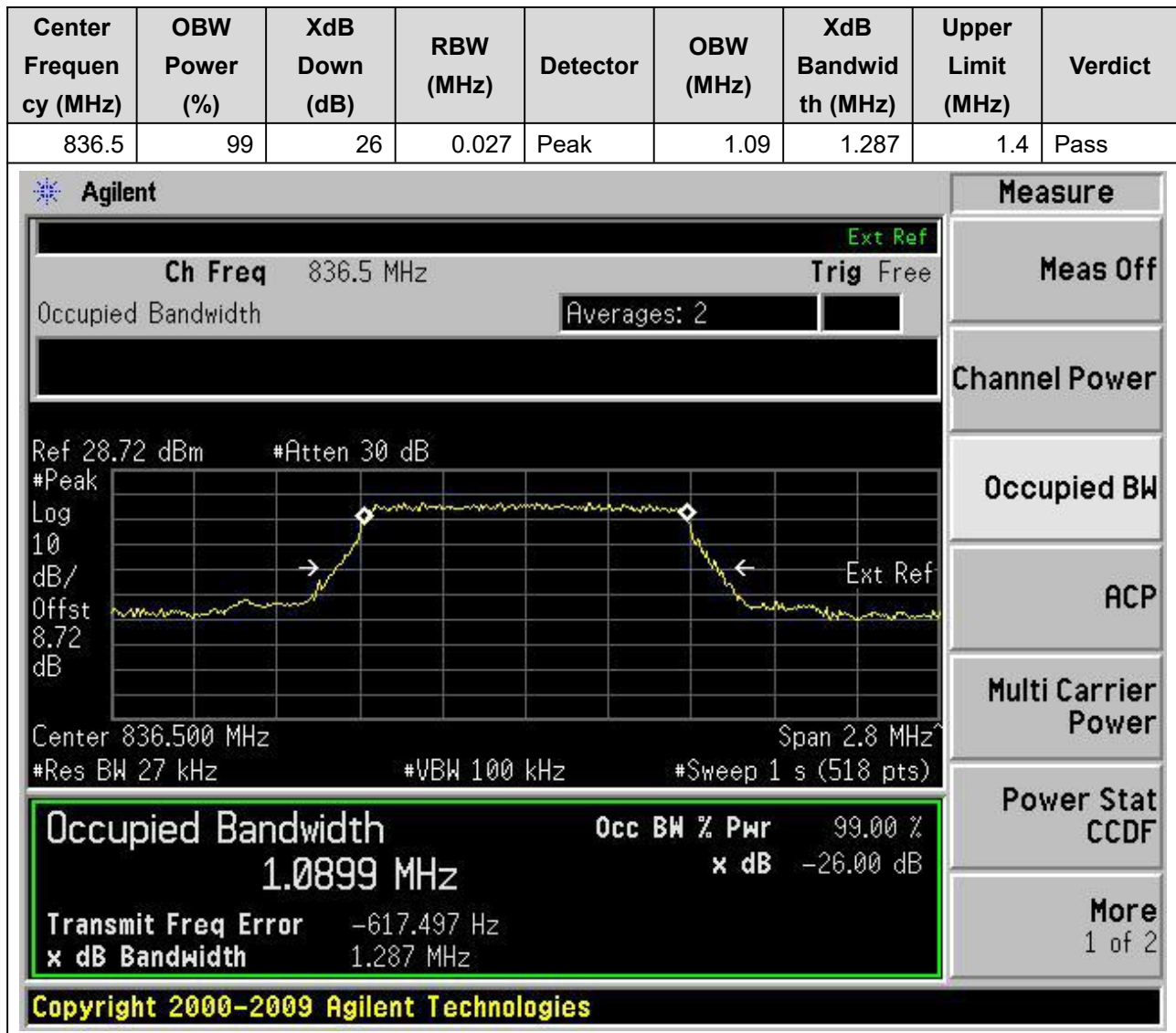




## 12.2 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:2, Channel:20407, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)



### 12.3 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:3, Channel:20525, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



# 12.4 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:4, Channel:20525, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

