

**4.31. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:166300, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 831.5                  | 99            | 26            | 0.03      | Peak     | 14.09     | 14.58               | 15                | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 831.5 MHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 29.01 dBm
#Atten 30 dB

#Peak  
 Log 10  
 dB/Offst 9.01 dB

Center 831.500 MHz
Span 30 MHz

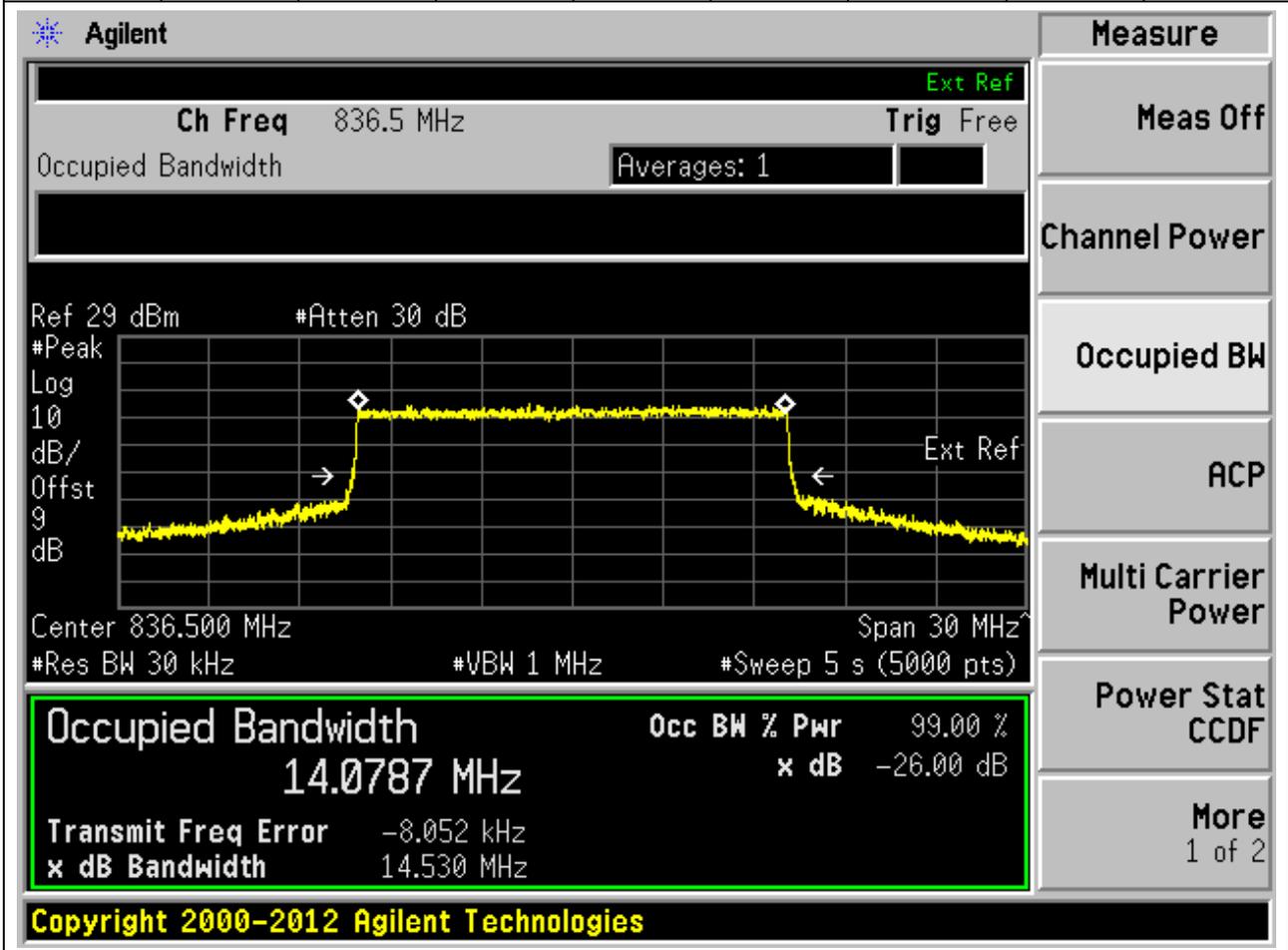
#Res BW 30 kHz
#VBW 1 MHz
#Sweep 5 s (5000 pts)

|                                       |                             |
|---------------------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>             | <b>Occ BW % Pwr</b> 99.00 % |
| 14.0872 MHz                           | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> -7.561 kHz |                             |
| <b>x dB Bandwidth</b> 14.578 MHz      |                             |

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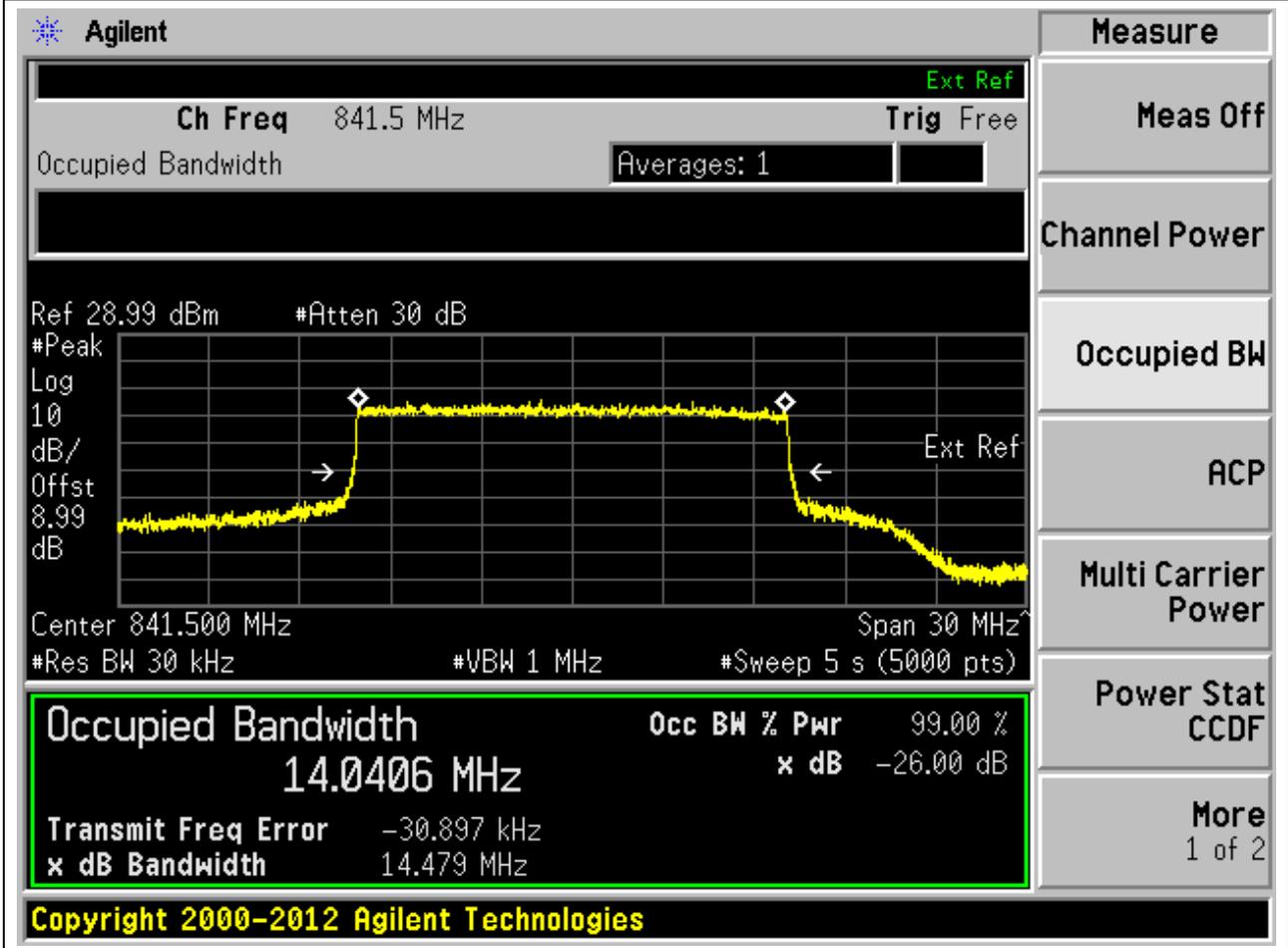
**4.32. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:167300, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 836.5                  | 99            | 26            | 0.03      | Peak     | 14.08     | 14.53               | 15                | Pass    |



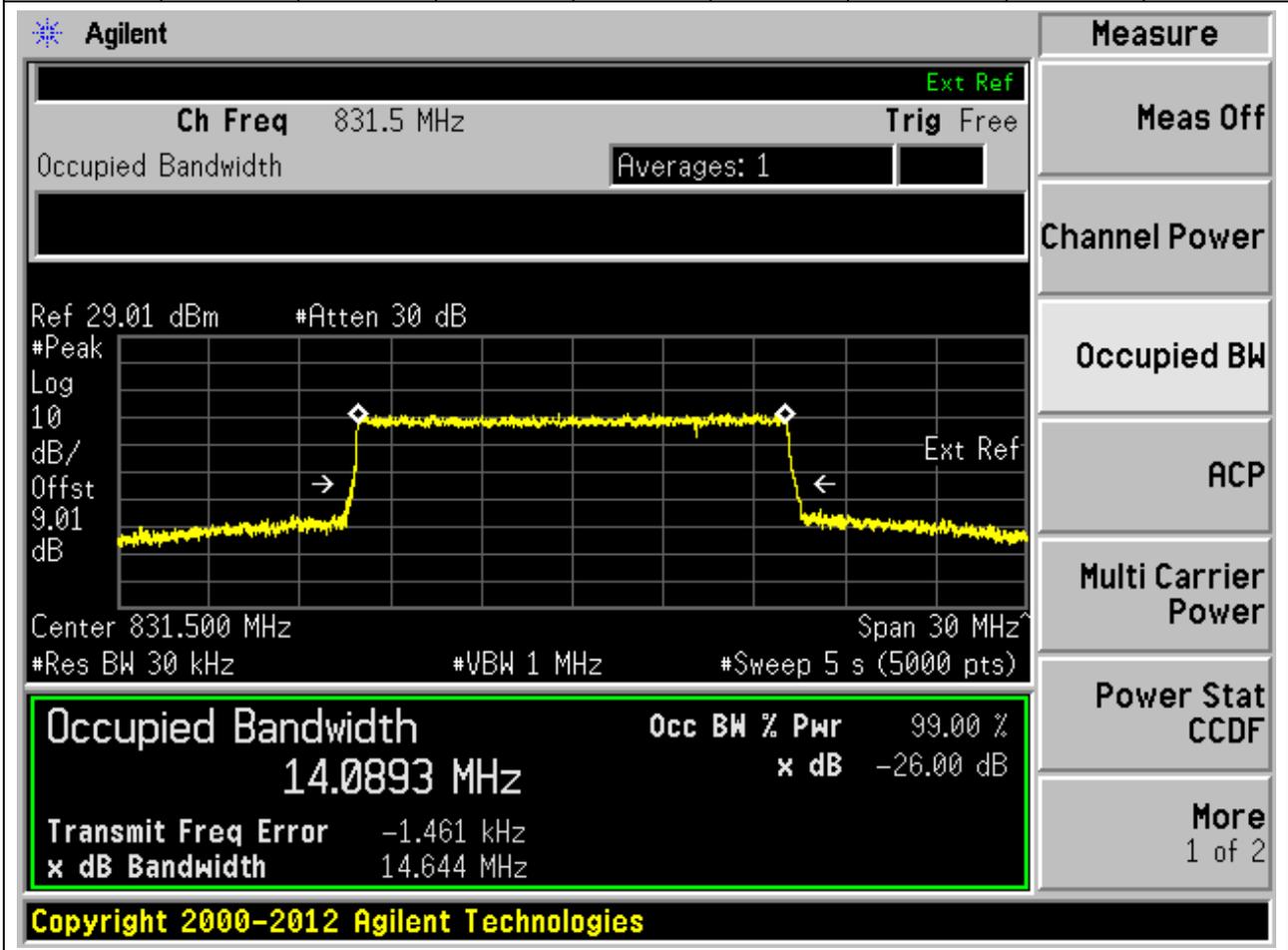
**4.33. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:168300, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 841.5                  | 99            | 26            | 0.03      | Peak     | 14.04     | 14.48               | 15                | Pass    |



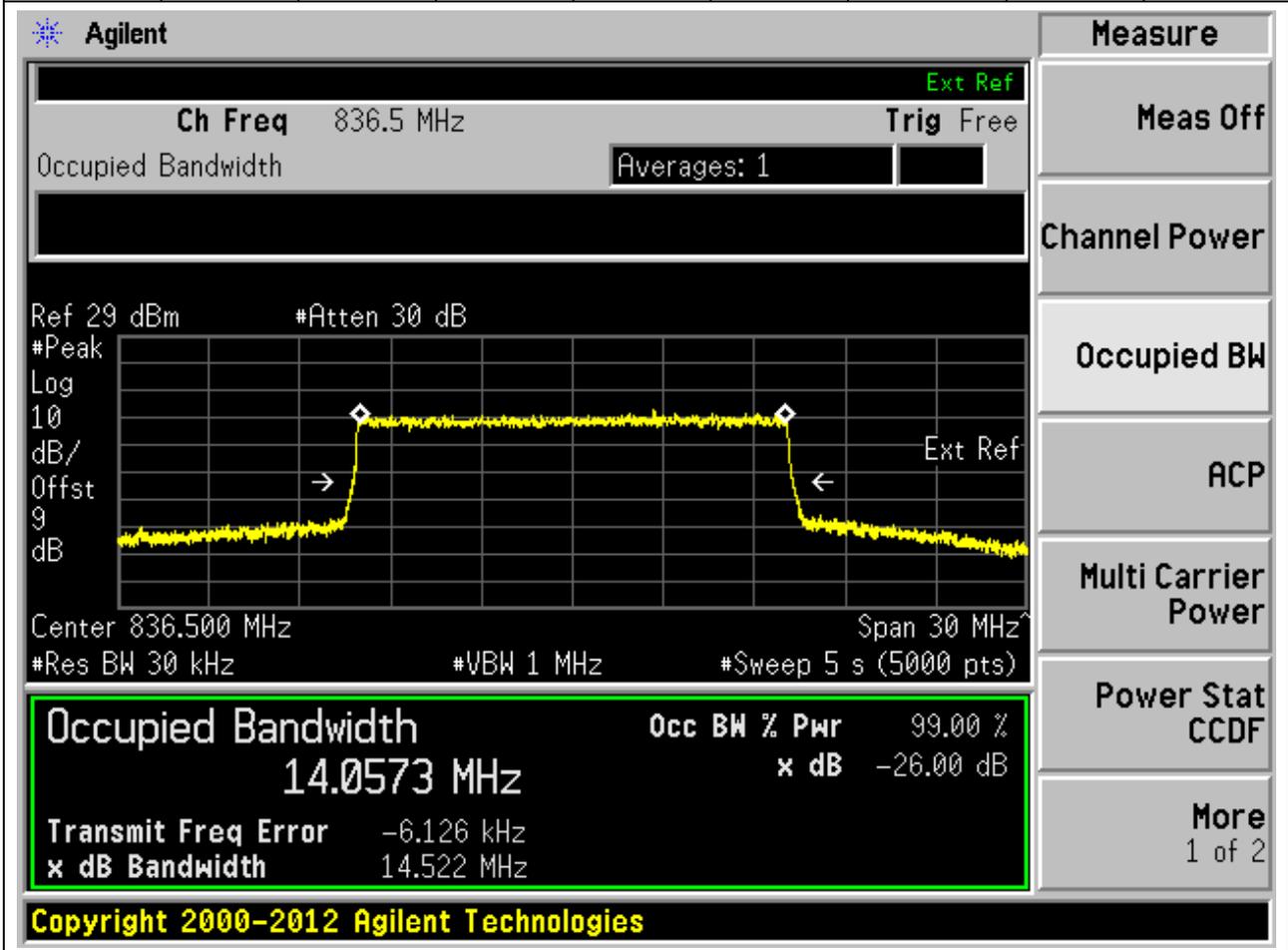
**4.34. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:166300, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 831.5                  | 99            | 26            | 0.03      | Peak     | 14.09     | 14.64               | 15                | Pass    |



**4.35. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:167300, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 836.5                  | 99            | 26            | 0.03      | Peak     | 14.06     | 14.52               | 15                | Pass    |



**4.36. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:168300, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 841.5                  | 99            | 26            | 0.03      | Peak     | 14.02     | 14.56               | 15                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 841.500 MHz and the span is 30 MHz. The occupied bandwidth is measured as 14.0238 MHz. The power is 99.00% and the XdB bandwidth is 14.564 MHz. The XdB down is -26.00 dB. The transmit frequency error is -32.706 kHz. The interface includes a 'Measure' panel on the right with buttons for 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

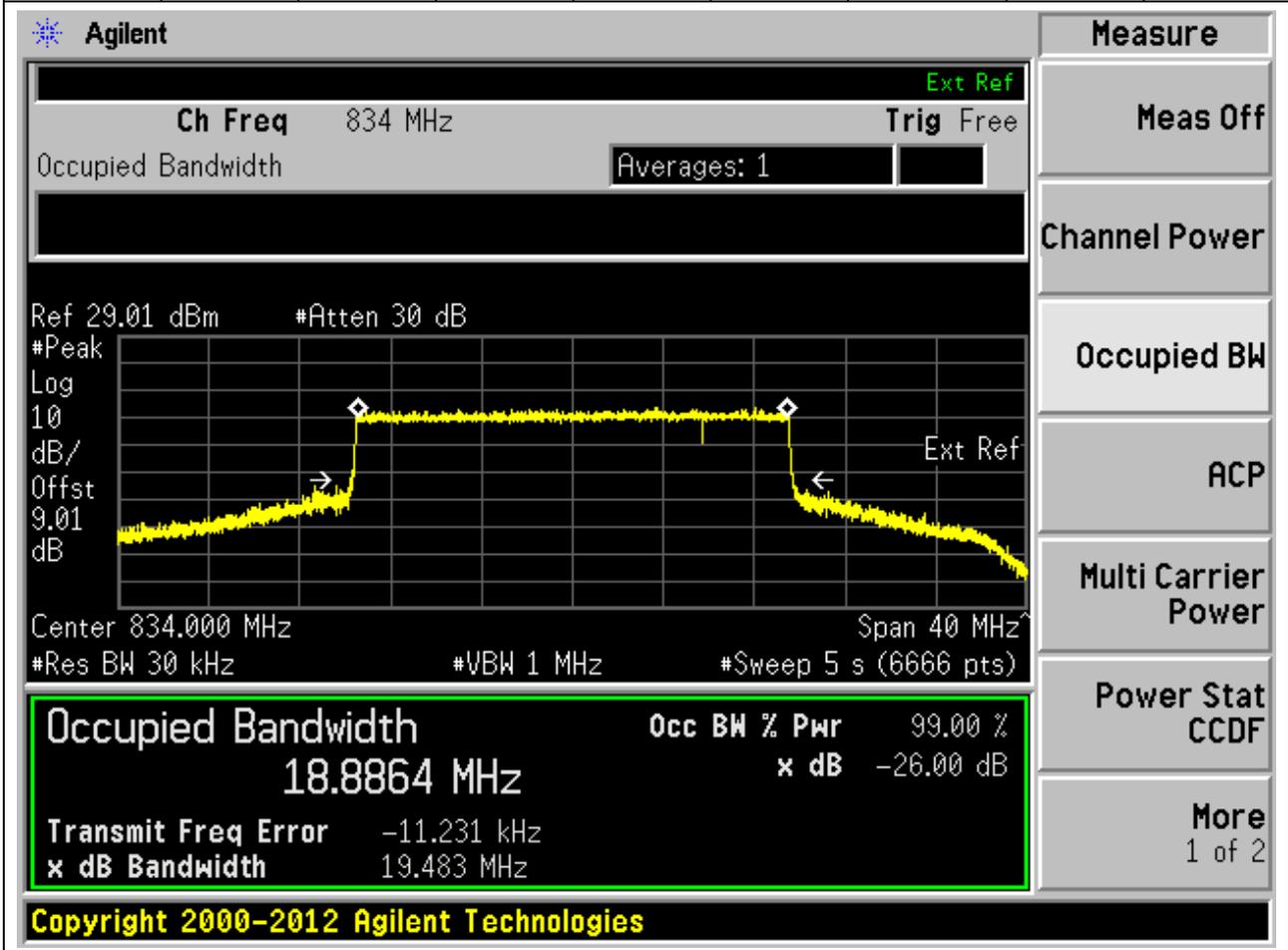
| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 14.0238 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: -32.706 kHz  
x dB Bandwidth: 14.564 MHz

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**4.37. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:166800, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 834                    | 99            | 26            | 0.03      | Peak     | 18.89     | 19.48               | 20                | Pass    |



**4.38. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:167300, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 836.5                  | 99            | 26            | 0.03      | Peak     | 18.87     | 19.44               | 20                | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 836.5 MHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 29 dBm
#Atten 30 dB

#Peak
Ext Ref

Log 10 dB/Offst 9 dB

Center 836.500 MHz
Span 40 MHz

#Res BW 30 kHz
#VBW 1 MHz
#Sweep 5 s (6666 pts)

|                                       |                             |
|---------------------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>             | <b>Occ BW % Pwr</b> 99.00 % |
| 18.8733 MHz                           | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> -3.364 kHz |                             |
| <b>x dB Bandwidth</b> 19.441 MHz      |                             |

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**4.39. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:167800, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 839                    | 99            | 26            | 0.03      | Peak     | 18.81     | 19.4                | 20                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a yellow signal trace on a grid. The center frequency is 839.000 MHz and the span is 40 MHz. The occupied bandwidth is highlighted in a green box with the following values:

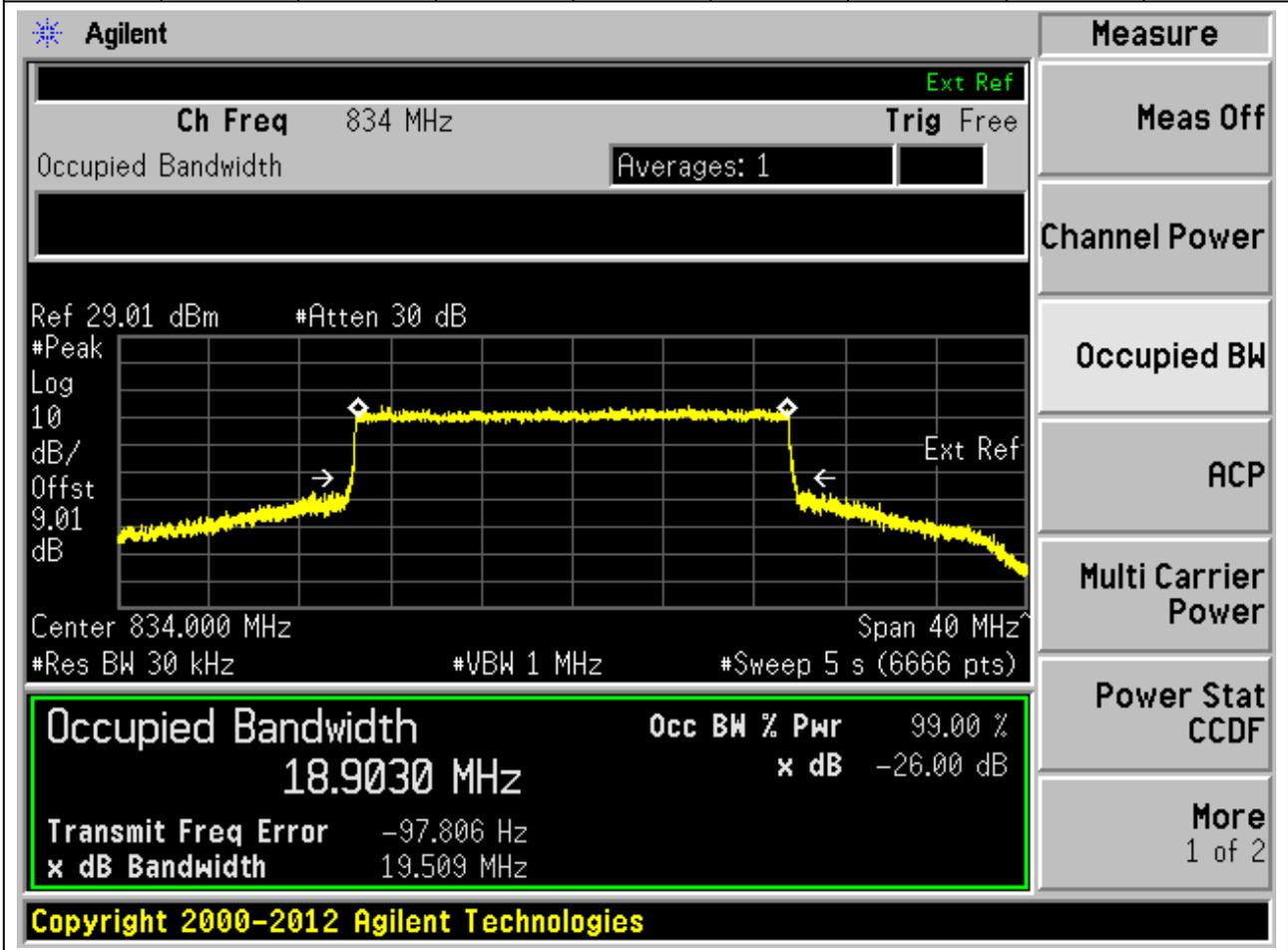
|                            |                     |             |
|----------------------------|---------------------|-------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> | 99.00 %     |
| <b>18.8122 MHz</b>         | <b>x dB</b>         | -26.00 dB   |
| <b>Transmit Freq Error</b> |                     | -36.390 kHz |
| <b>x dB Bandwidth</b>      |                     | 19.396 MHz  |

Other visible parameters include: Ch Freq 839 MHz, Trig Free, Averages: 1, Ref 29 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 8.99 dB, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 5 s (6666 pts). The right-hand side of the interface shows a 'Measure' menu with options: Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

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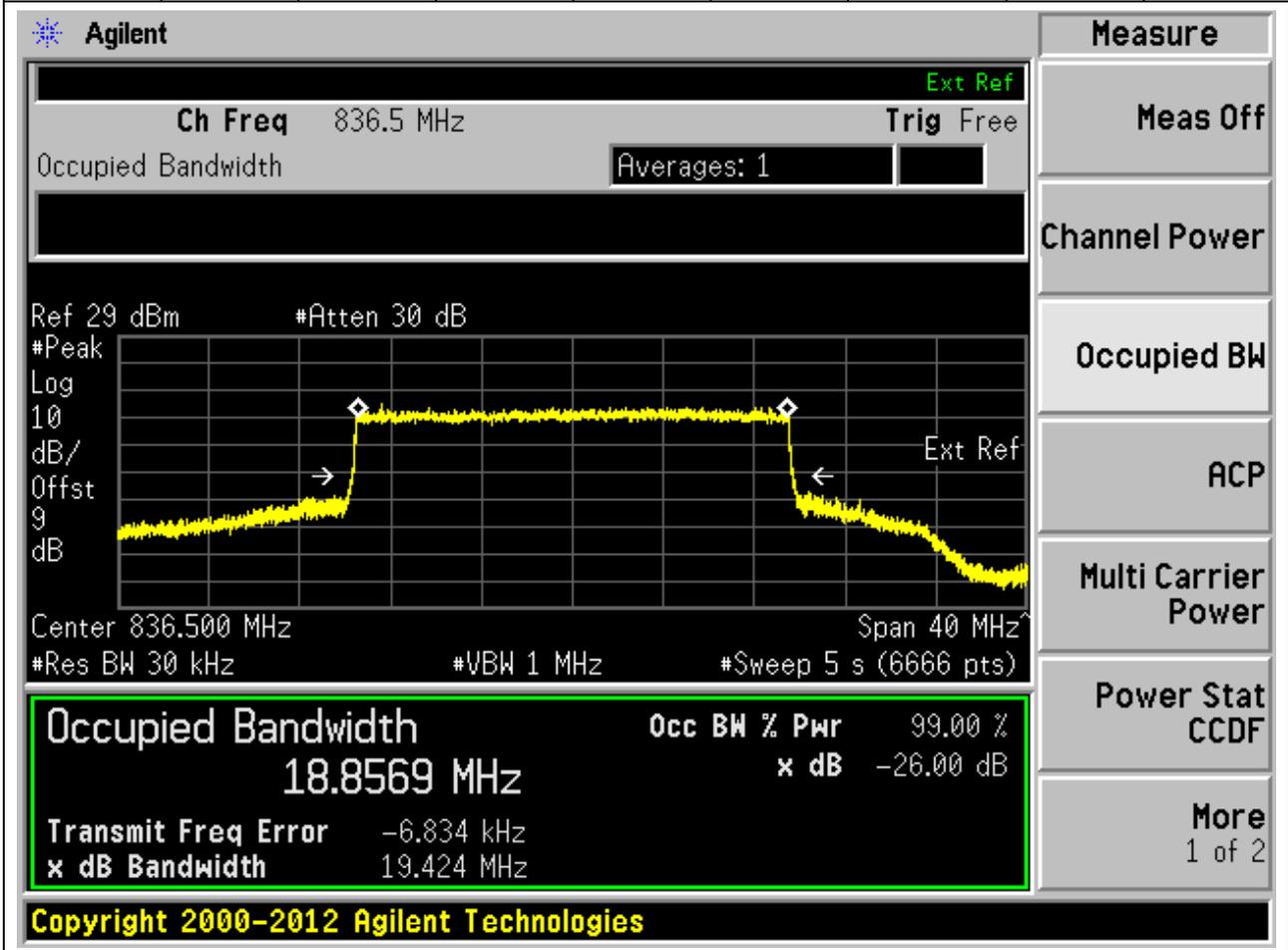
**4.40. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:166800, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 834                    | 99            | 26            | 0.03      | Peak     | 18.9      | 19.51               | 20                | Pass    |



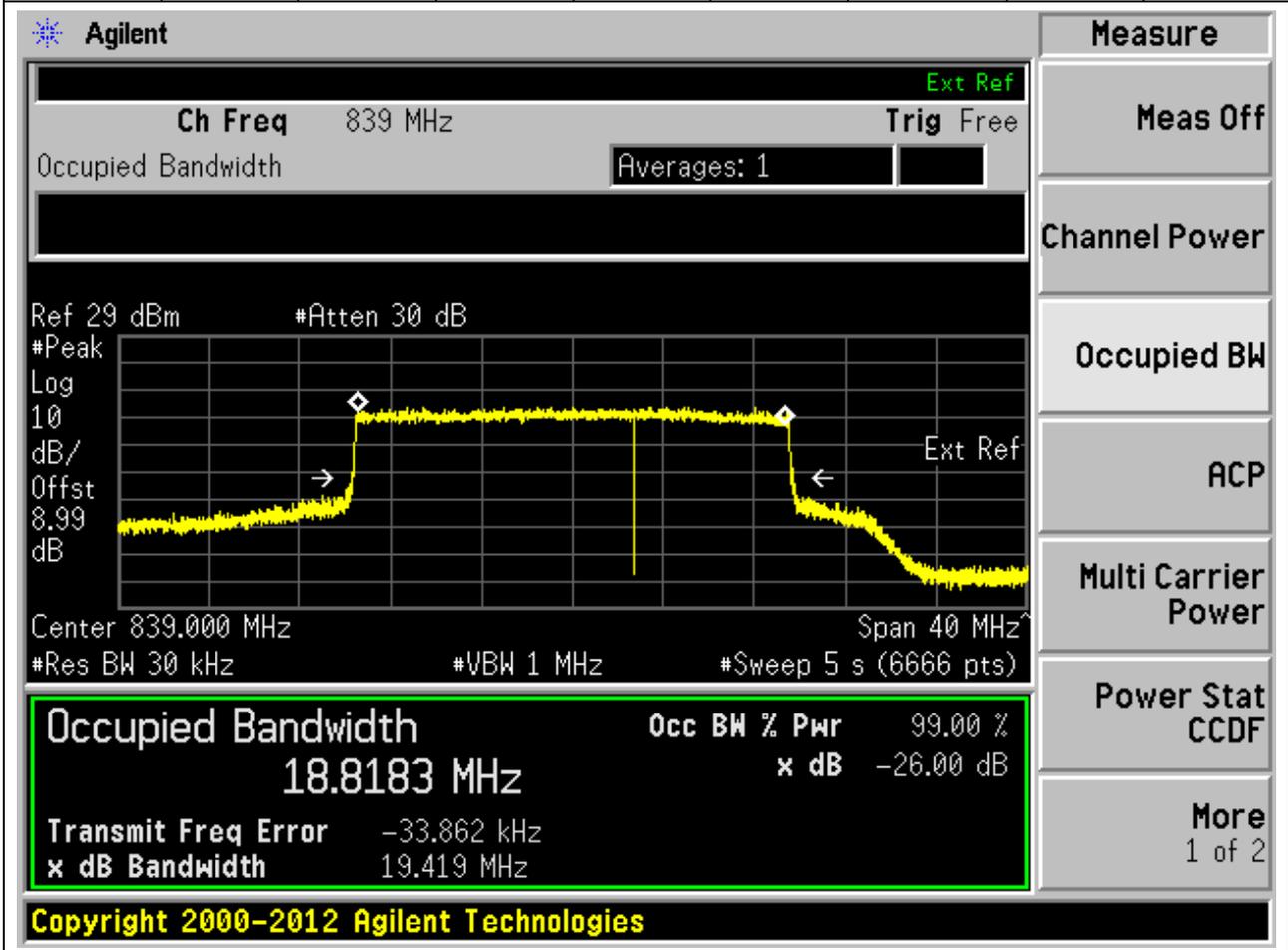
**4.41. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:167300, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 836.5                  | 99            | 26            | 0.03      | Peak     | 18.86     | 19.42               | 20                | Pass    |



**4.42. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:167800, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 839                    | 99            | 26            | 0.03      | Peak     | 18.82     | 19.42               | 20                | Pass    |



**4.43. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:166800, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 834                    | 99            | 26            | 0.03      | Peak     | 18.88     | 19.36               | 20                | Pass    |

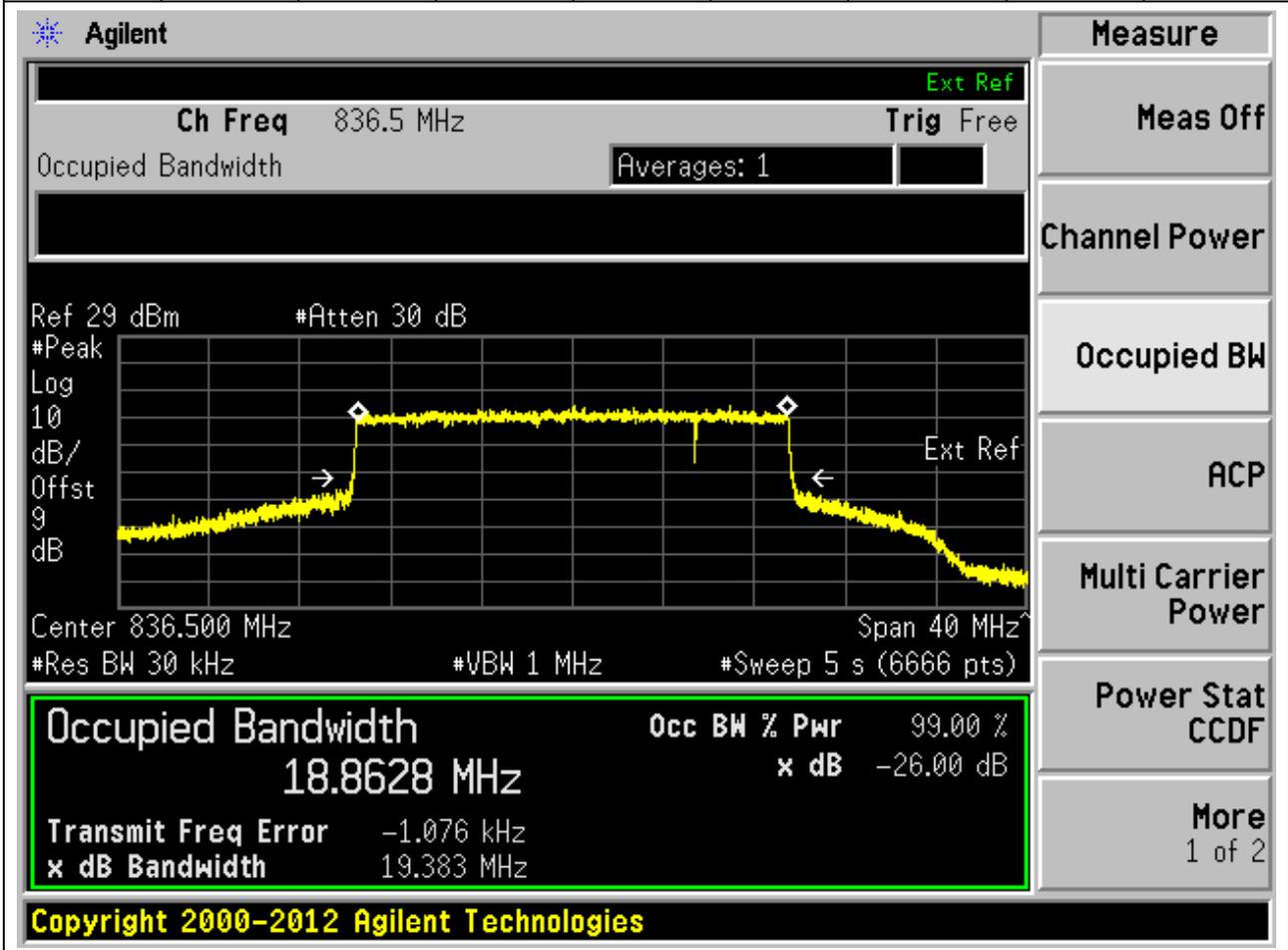
The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 834 MHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow signal trace. The plot parameters include 'Ref 29.01 dBm', '#Atten 30 dB', 'Center 834.000 MHz', 'Span 40 MHz', '#Res BW 30 kHz', '#VBW 1 MHz', and '#Sweep 5 s (6666 pts)'. The plot shows a signal with a peak at 834 MHz and a bandwidth of approximately 18.88 MHz. The 'Occupied Bandwidth' is highlighted in a green box, showing '18.8835 MHz' and '99.00 %' power. The 'x dB Bandwidth' is shown as '19.363 MHz' and '-26.00 dB'. The 'Verdict' is 'Pass'.

**Occupied Bandwidth** 18.8835 MHz  
**Occ BW % Pwr** 99.00 %  
**x dB Bandwidth** 19.363 MHz -26.00 dB

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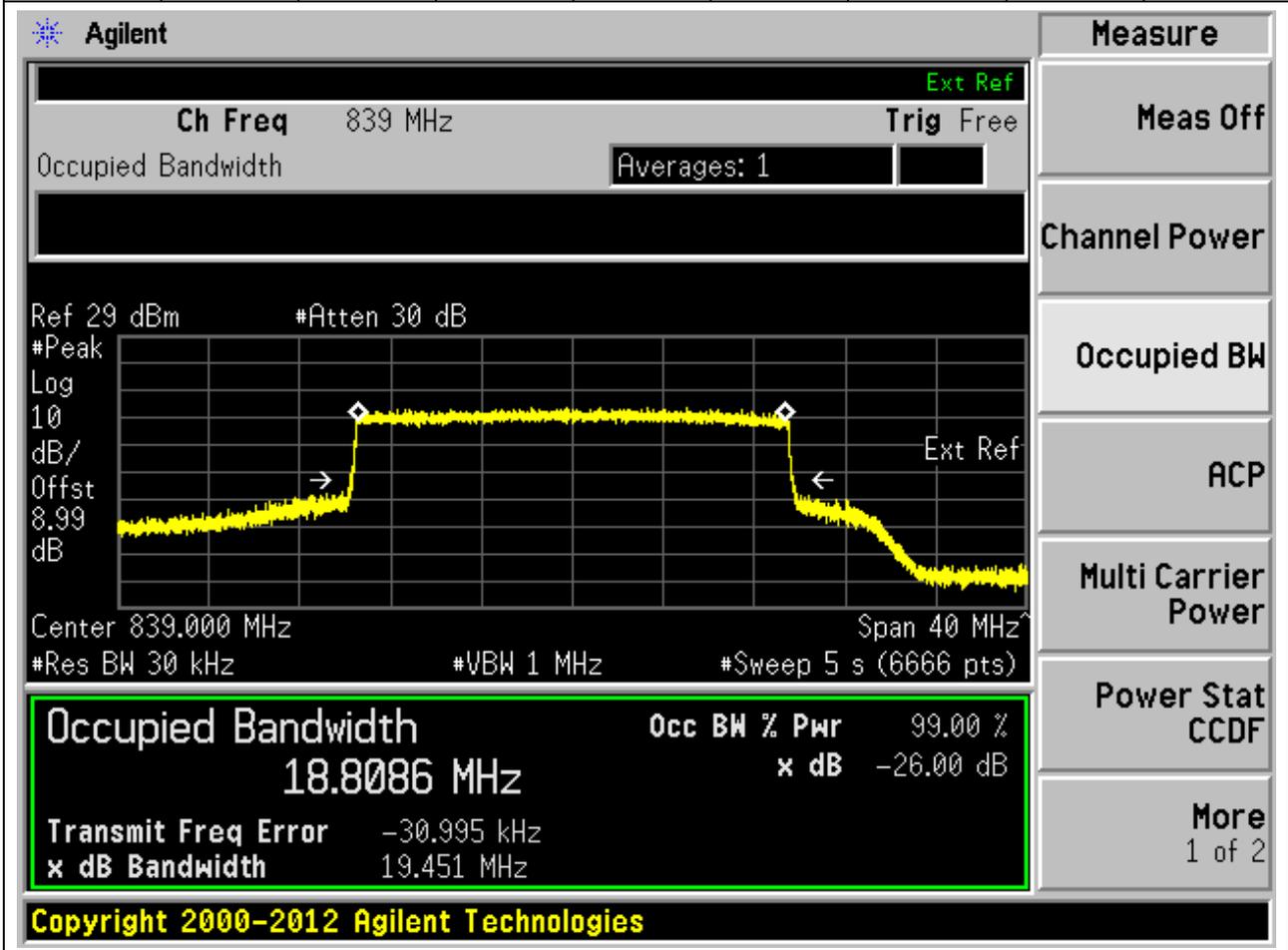
**4.44. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:167300, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 836.5                  | 99            | 26            | 0.03      | Peak     | 18.86     | 19.38               | 20                | Pass    |



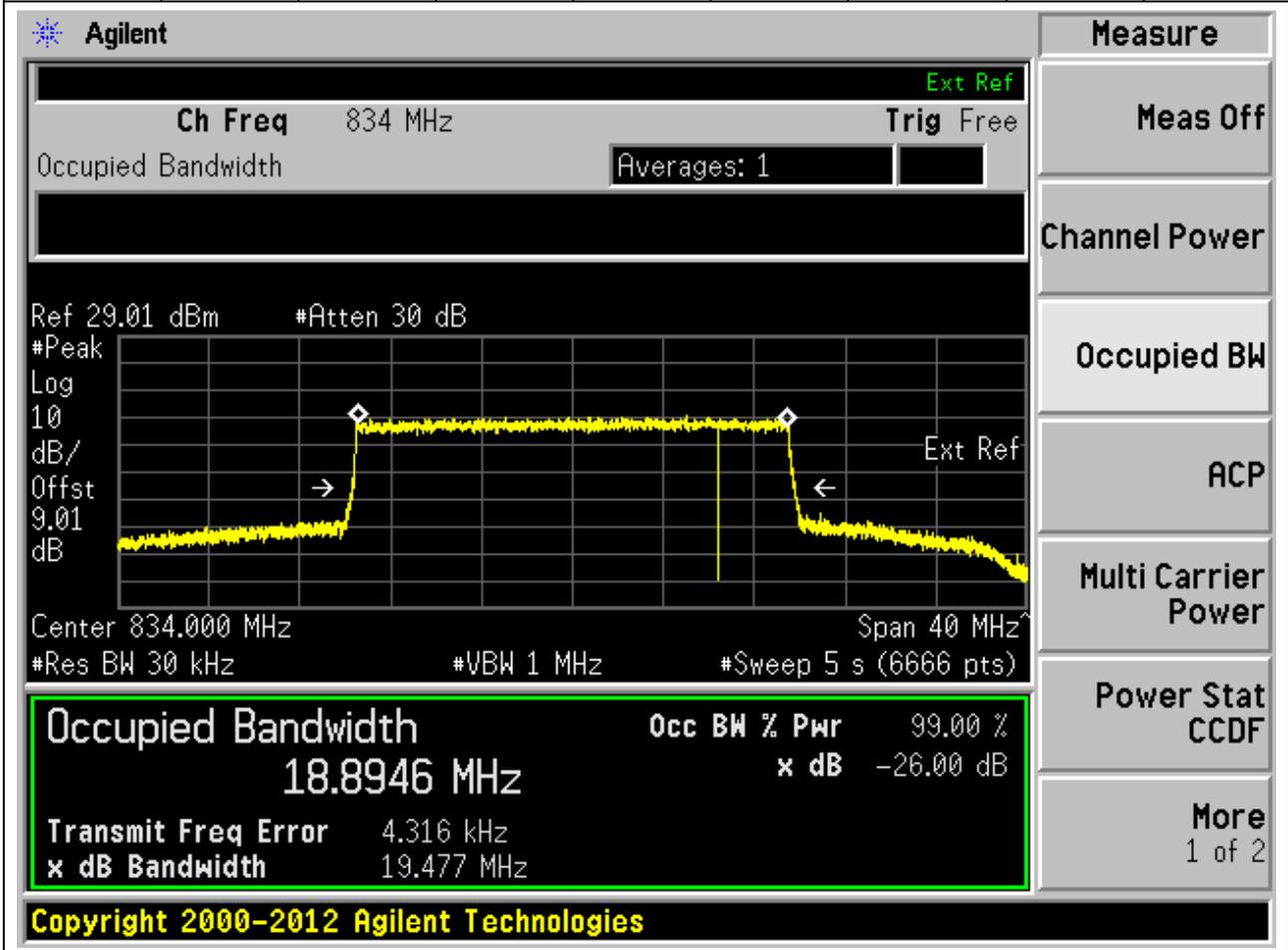
**4.45. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:167800, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 839                    | 99            | 26            | 0.03      | Peak     | 18.81     | 19.45               | 20                | Pass    |



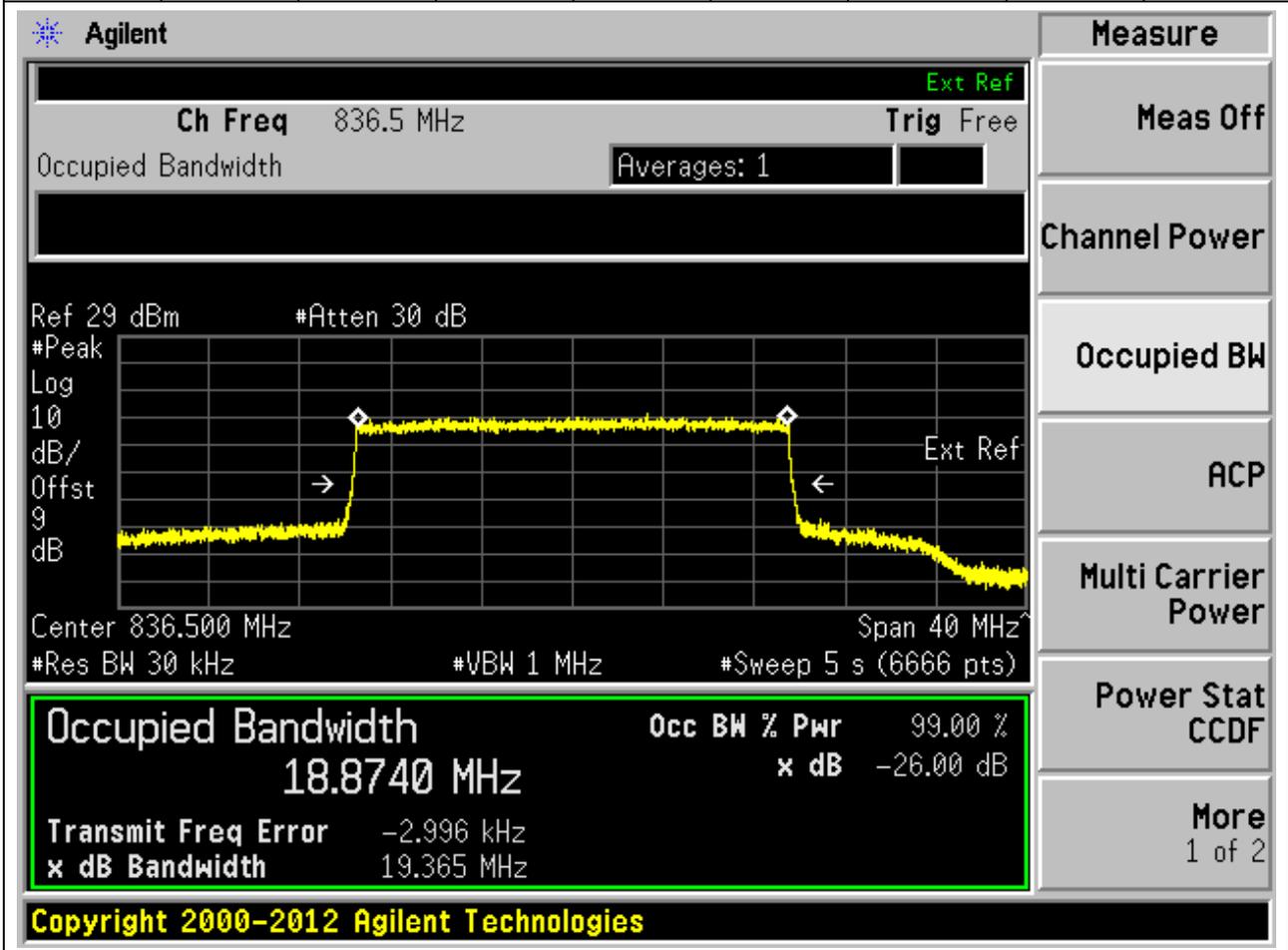
**4.46. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:166800, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 834                    | 99            | 26            | 0.03      | Peak     | 18.89     | 19.48               | 20                | Pass    |



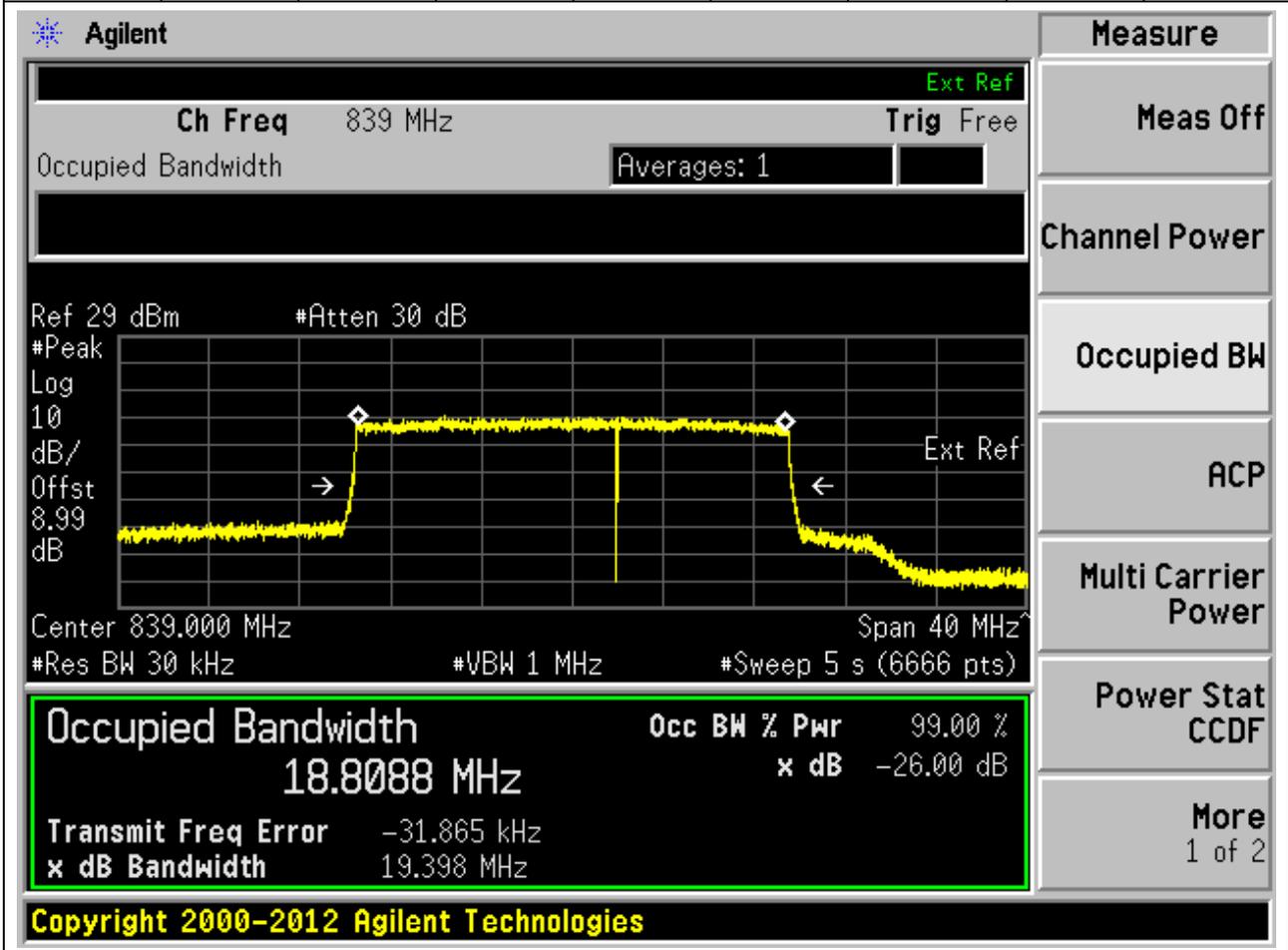
**4.47. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:167300, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 836.5                  | 99            | 26            | 0.03      | Peak     | 18.87     | 19.37               | 20                | Pass    |



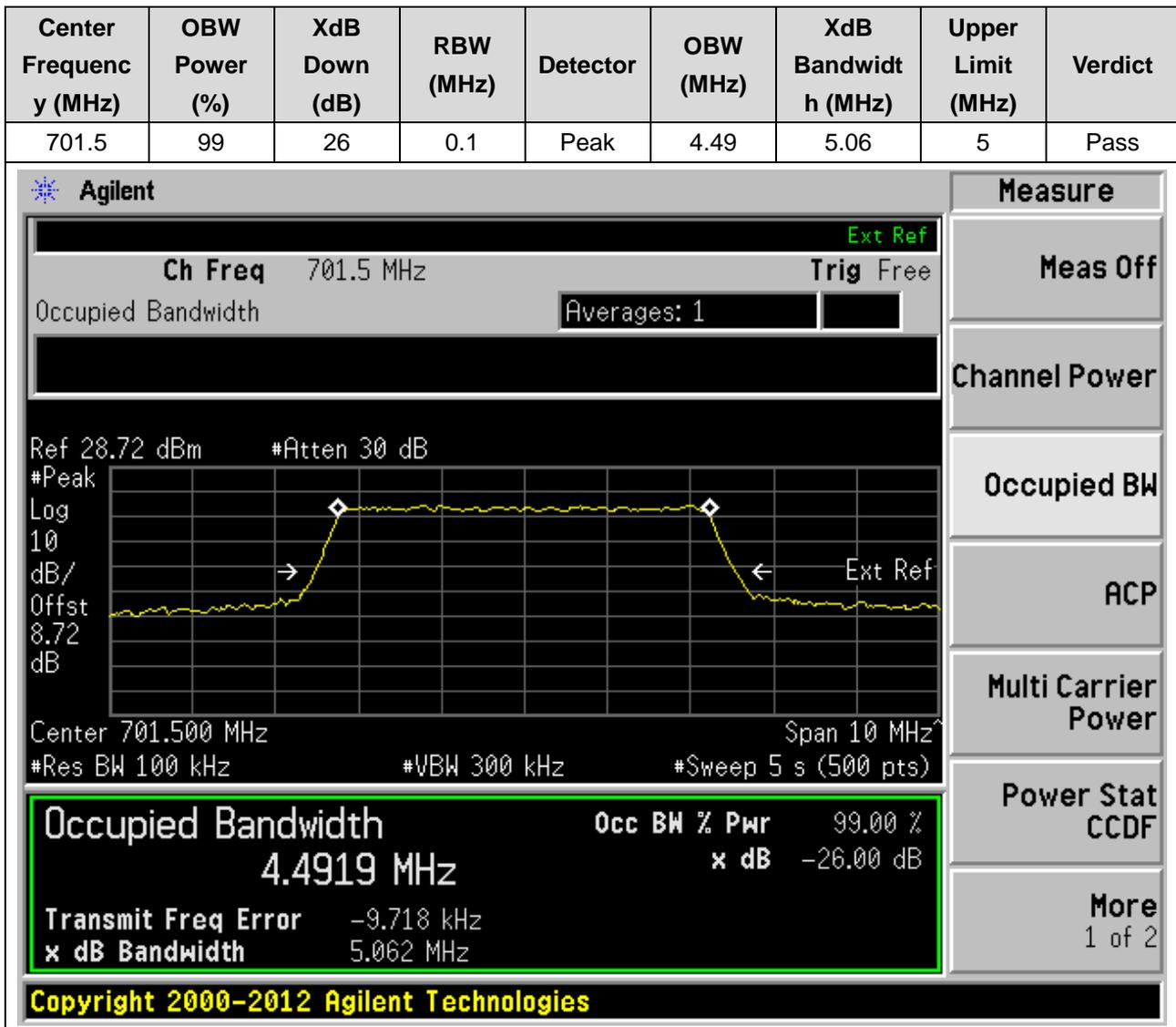
**4.48. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:167800, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 839                    | 99            | 26            | 0.03      | Peak     | 18.81     | 19.4                | 20                | Pass    |



## 5. n12 15kHz

5.1. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:140300, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)



**5.2. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:141500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 707.5                  | 99            | 26            | 0.1       | Peak     | 4.51      | 5.08                | 5                 | Pass    |

Agilent

Measure

Ch Freq 707.5 MHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 28.72 dBm
#Atten 30 dB

#Peak
Ext Ref

Center 707.500 MHz
Span 10 MHz

#Res BW 100 kHz
#VBW 300 kHz
#Sweep 5 s (500 pts)

|                            |                             |
|----------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> 99.00 % |
| 4.5069 MHz                 | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> | -8.875 kHz                  |
| <b>x dB Bandwidth</b>      | 5.075 MHz                   |

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

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**5.3. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:142700, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 713.5                  | 99            | 26            | 0.1       | Peak     | 4.5       | 5.03                | 5                 | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 713.5 MHz. The occupied bandwidth is measured as 4.4963 MHz. The power is 99.00% and the XdB down is -26.00 dB. The plot also shows a reference signal (Ext Ref) and a peak marker. The interface includes various control buttons and a summary table at the bottom.

| Occupied Bandwidth  | Occ BW % Pwr | 99.00 %   |
|---------------------|--------------|-----------|
| 4.4963 MHz          | x dB         | -26.00 dB |
| Transmit Freq Error | -16.210 kHz  |           |
| x dB Bandwidth      | 5.033 MHz    |           |

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**5.4. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:140300, Bandwidth:5, SCS:15, OFDM:CP-OFDM, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 701.5                  | 99            | 26            | 0.1       | Peak     | 4.5       | 5.03                | 5                 | Pass    |

Agilent

Measure

Ch Freq 701.5 MHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 28.72 dBm
#Atten 30 dB

#Peak
Ext Ref

Center 701.500 MHz
Span 10 MHz

#Res BW 100 kHz
#VBW 300 kHz
#Sweep 5 s (500 pts)

|                            |                     |           |
|----------------------------|---------------------|-----------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> | 99.00 %   |
| 4.4962 MHz                 | x dB                | -26.00 dB |
| <b>Transmit Freq Error</b> | 242.293 Hz          |           |
| <b>x dB Bandwidth</b>      | 5.028 MHz           |           |

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

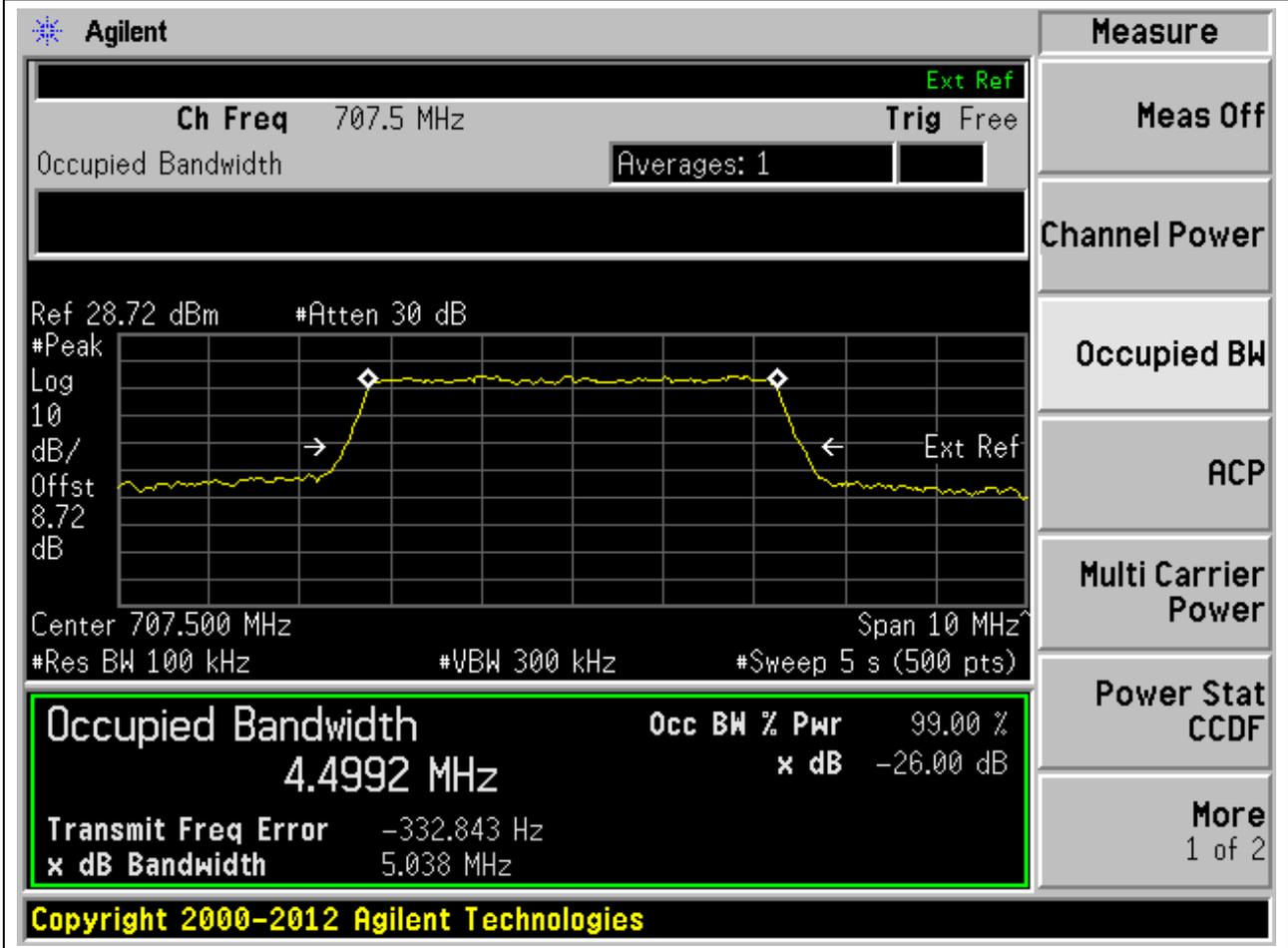
Power Stat CCDF

More  
1 of 2

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**5.5. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:141500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 707.5                  | 99            | 26            | 0.1       | Peak     | 4.5       | 5.04                | 5                 | Pass    |



**5.6. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:142700, Bandwidth:5, SCS:15, OFDM:CP-OFDM, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 713.5                  | 99            | 26            | 0.1       | Peak     | 4.49      | 4.99                | 5                 | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 713.500 MHz, and the span is 10 MHz. The occupied bandwidth is measured as 4.4895 MHz. The power is 99.00% and the XdB down is -26.00 dB. The transmit frequency error is -7.856 kHz. The XdB bandwidth is 4.991 MHz. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 4.4895 MHz         | 99.00 %      | -26.00 dB |

Transmit Freq Error: -7.856 kHz  
x dB Bandwidth: 4.991 MHz

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**5.7. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:140300, Bandwidth:5, SCS:15, OFDM:CP-OFDM, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 701.5                  | 99            | 26            | 0.1       | Peak     | 4.49      | 5.04                | 5                 | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The measurement results are as follows:

| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 4.4902 MHz  |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | -12.625 kHz |
| x dB Bandwidth      | 5.041 MHz   |

Additional parameters shown in the interface include: Ch Freq 701.5 MHz, Trig Free, Averages: 1, Ref 28.72 dBm, #Atten 30 dB, #Peak, Log 10 dB/Offst 8.72 dB, Center 701.500 MHz, Span 10 MHz, #Res BW 100 kHz, #VBW 300 kHz, #Sweep 5 s (500 pts). The 'Measure' menu on the right includes options like Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

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**5.8. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:141500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 707.5                  | 99            | 26            | 0.1       | Peak     | 4.49      | 5.05                | 5                 | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 707.5 MHz      Trig Free

Occupied Bandwidth      Averages: 1

Ref 28.72 dBm      #Atten 30 dB

#Peak Log 10 dB/Offst 8.72 dB

Center 707.500 MHz      Span 10 MHz

#Res BW 100 kHz      #VBW 300 kHz      #Sweep 5 s (500 pts)

|                            |                     |           |
|----------------------------|---------------------|-----------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> | 99.00 %   |
| 4.4894 MHz                 | <b>x dB</b>         | -26.00 dB |
| <b>Transmit Freq Error</b> | -11.738 kHz         |           |
| <b>x dB Bandwidth</b>      | 5.046 MHz           |           |

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**5.9. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:142700, Bandwidth:5, SCS:15, OFDM:CP-OFDM, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 713.5                  | 99            | 26            | 0.1       | Peak     | 4.48      | 4.99                | 5                 | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 713.5 MHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 28.72 dBm
#Atten 30 dB

#Peak  
 Log  
 10  
 dB/  
 Offst  
 8.72  
 dB

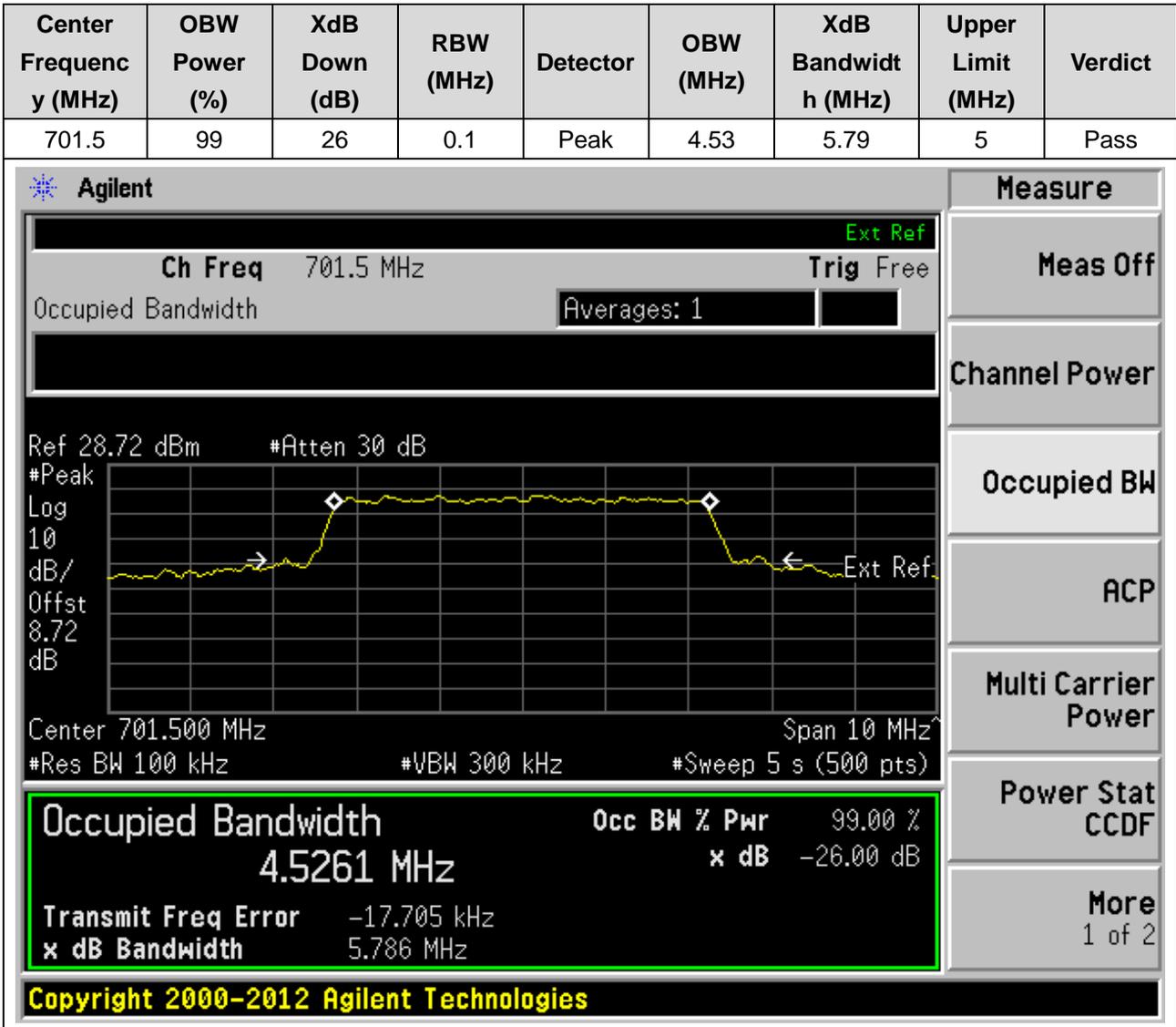
Center 713.500 MHz
Span 10 MHz

#Res BW 100 kHz
#VBW 300 kHz
#Sweep 5 s (500 pts)

|                            |                             |
|----------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> 99.00 % |
| 4.4824 MHz                 | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> | -17.211 kHz                 |
| <b>x dB Bandwidth</b>      | 4.989 MHz                   |

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**5.10. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:140300, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:25, RB Position:0)**



**5.11. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:141500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 707.5                  | 99            | 26            | 0.1       | Peak     | 4.52      | 5.09                | 5                 | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 707.5 MHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 28.72 dBm    #Atten 30 dB

#Peak

Log

10

dB/

Offst

8.72

dB

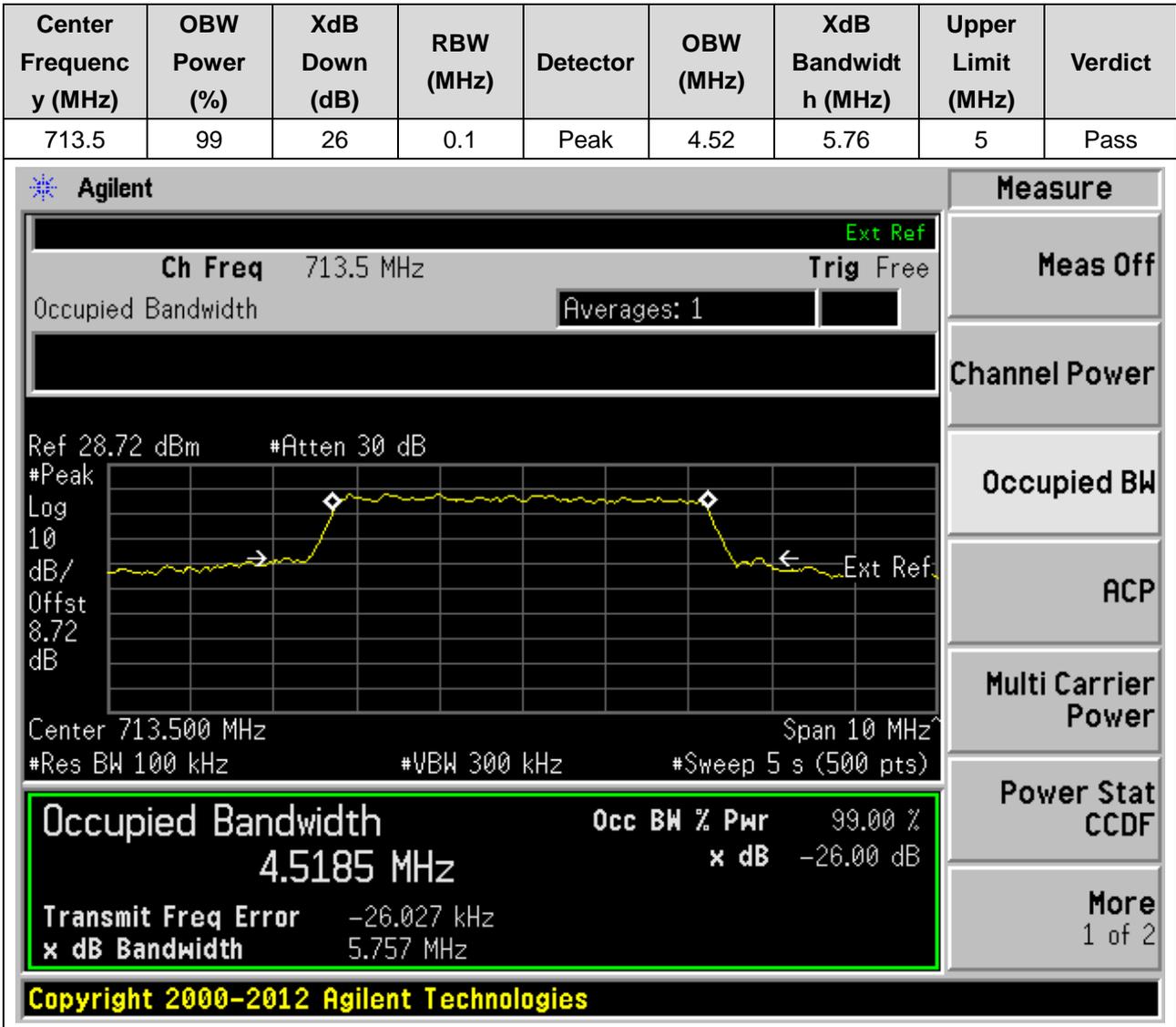
Center 707.500 MHz    Span 10 MHz

#Res BW 100 kHz    #VBW 300 kHz    #Sweep 5 s (500 pts)

|                            |                             |
|----------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> 99.00 % |
| 4.5243 MHz                 | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> | -12.402 kHz                 |
| <b>x dB Bandwidth</b>      | 5.090 MHz                   |

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**5.12. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:142700, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:25, RB Position:0)**



**5.13. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:140800, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 704                    | 99            | 26            | 0.03      | Peak     | 9.25      | 9.74                | 10                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow signal trace. The center frequency is 704.000 MHz and the span is 20 MHz. The occupied bandwidth is measured as 9.2545 MHz. The power is 99.00% and the XdB bandwidth is -26.00 dB. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

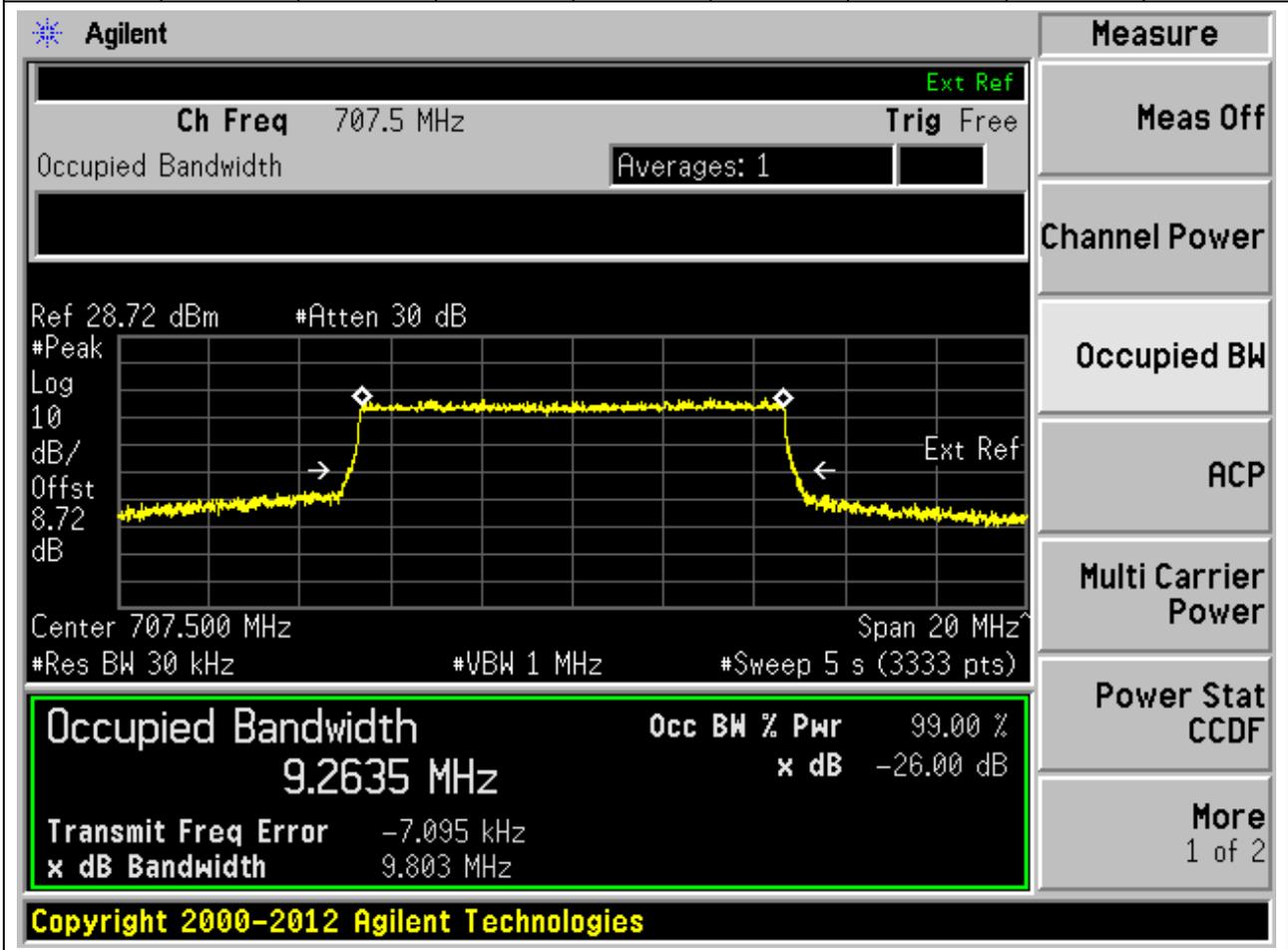
| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 9.2545 MHz         | 99.00 %      | -26.00 dB |

Transmit Freq Error: -10.657 kHz  
x dB Bandwidth: 9.736 MHz

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**5.14. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:141500, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 707.5                  | 99            | 26            | 0.03      | Peak     | 9.26      | 9.8                 | 10                | Pass    |



**5.15. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:142200, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 711                    | 99            | 26            | 0.03      | Peak     | 9.24      | 9.68                | 10                | Pass    |

**Agilent**

Ch Freq 711 MHz Trig Free

Occupied Bandwidth Averages: 1

Ref 28.72 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.72 dB

Center 711.000 MHz Span 20 MHz

#Res BW 30 kHz #VBW 1 MHz #Sweep 5 s (3333 pts)

|                            |                     |            |
|----------------------------|---------------------|------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> | 99.00 %    |
| 9.2428 MHz                 | <b>x dB</b>         | -26.00 dB  |
| <b>Transmit Freq Error</b> |                     | -8.497 kHz |
| <b>x dB Bandwidth</b>      |                     | 9.679 MHz  |

**Measure**

- Meas Off
- Channel Power
- Occupied BW
- ACP
- Multi Carrier Power
- Power Stat CCDF
- More 1 of 2

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**5.16. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:140800, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 704                    | 99            | 26            | 0.03      | Peak     | 9.27      | 9.72                | 10                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a yellow signal trace on a grid. The center frequency is 704.000 MHz and the span is 20 MHz. The occupied bandwidth is highlighted in a green box with the following values:

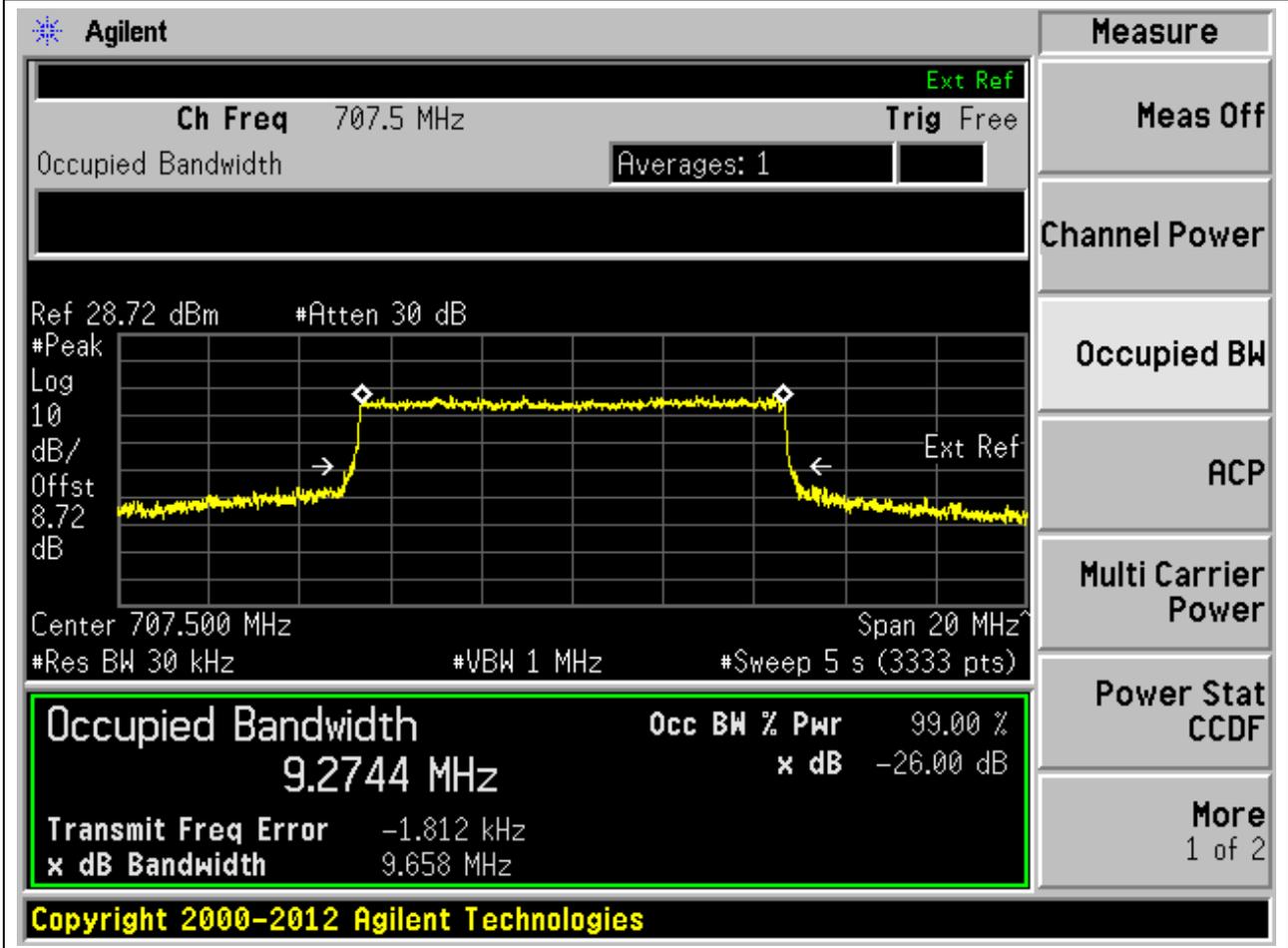
|                            |                     |            |
|----------------------------|---------------------|------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> | 99.00 %    |
| <b>9.2656 MHz</b>          | <b>x dB</b>         | -26.00 dB  |
| <b>Transmit Freq Error</b> |                     | -5.412 kHz |
| <b>x dB Bandwidth</b>      |                     | 9.718 MHz  |

Other visible parameters include: Ch Freq 704 MHz, Trig Free, Averages: 1, Ref 28.72 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 8.72 dB, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 5 s (3333 pts). The right-hand menu shows various measurement options like Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

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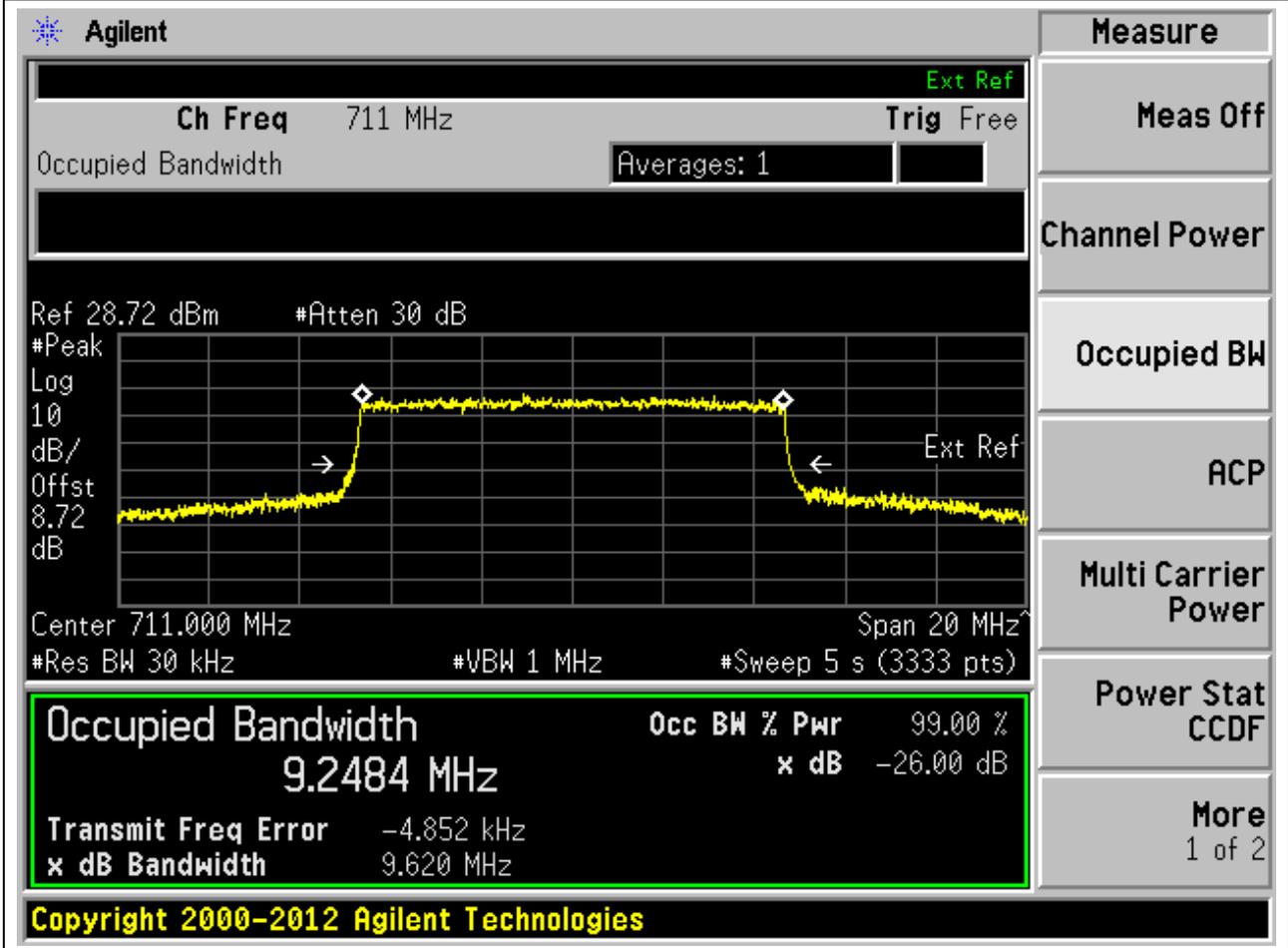
**5.17. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:141500, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 707.5                  | 99            | 26            | 0.03      | Peak     | 9.27      | 9.66                | 10                | Pass    |



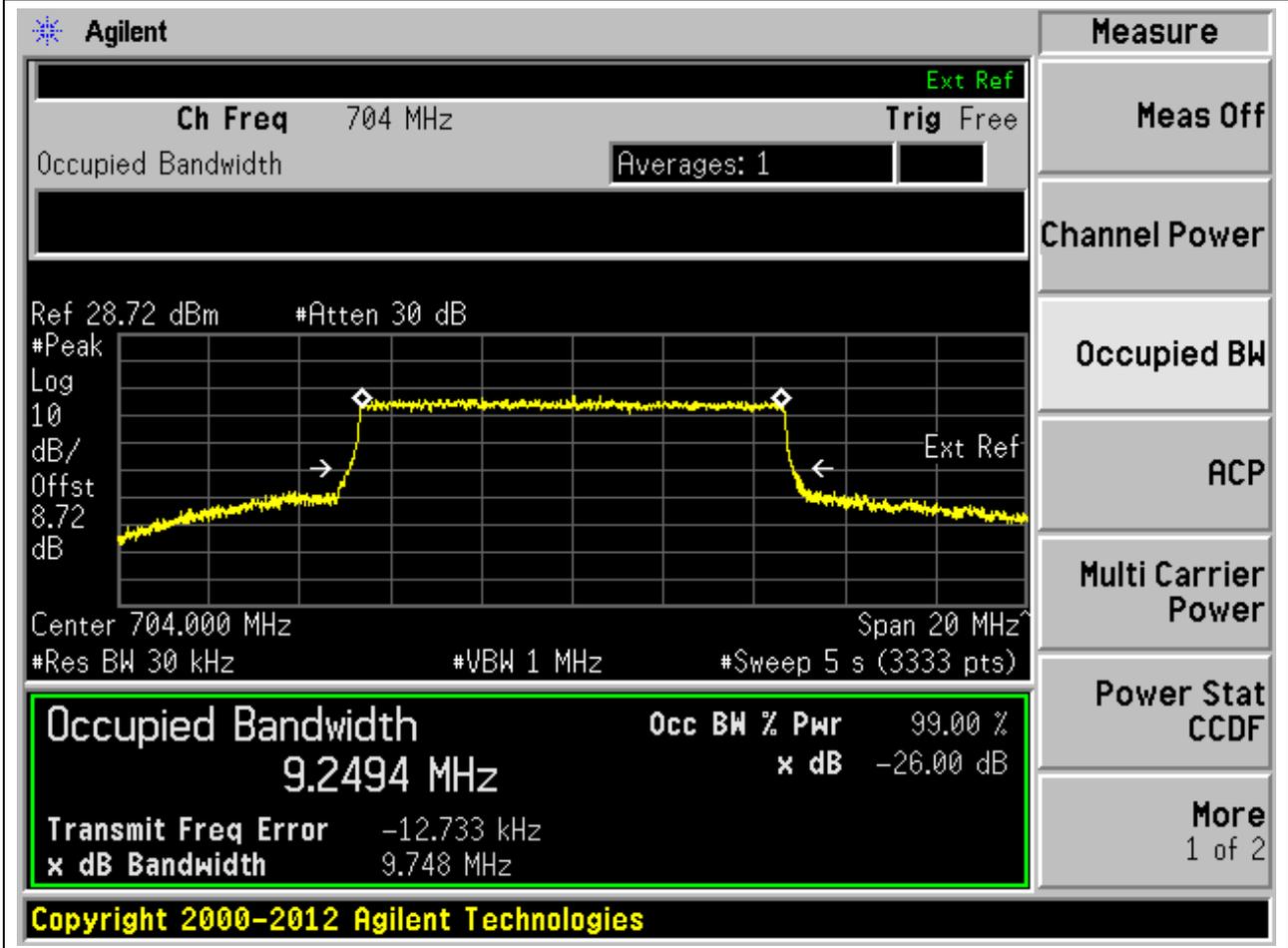
**5.18. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:142200, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 711                    | 99            | 26            | 0.03      | Peak     | 9.25      | 9.62                | 10                | Pass    |



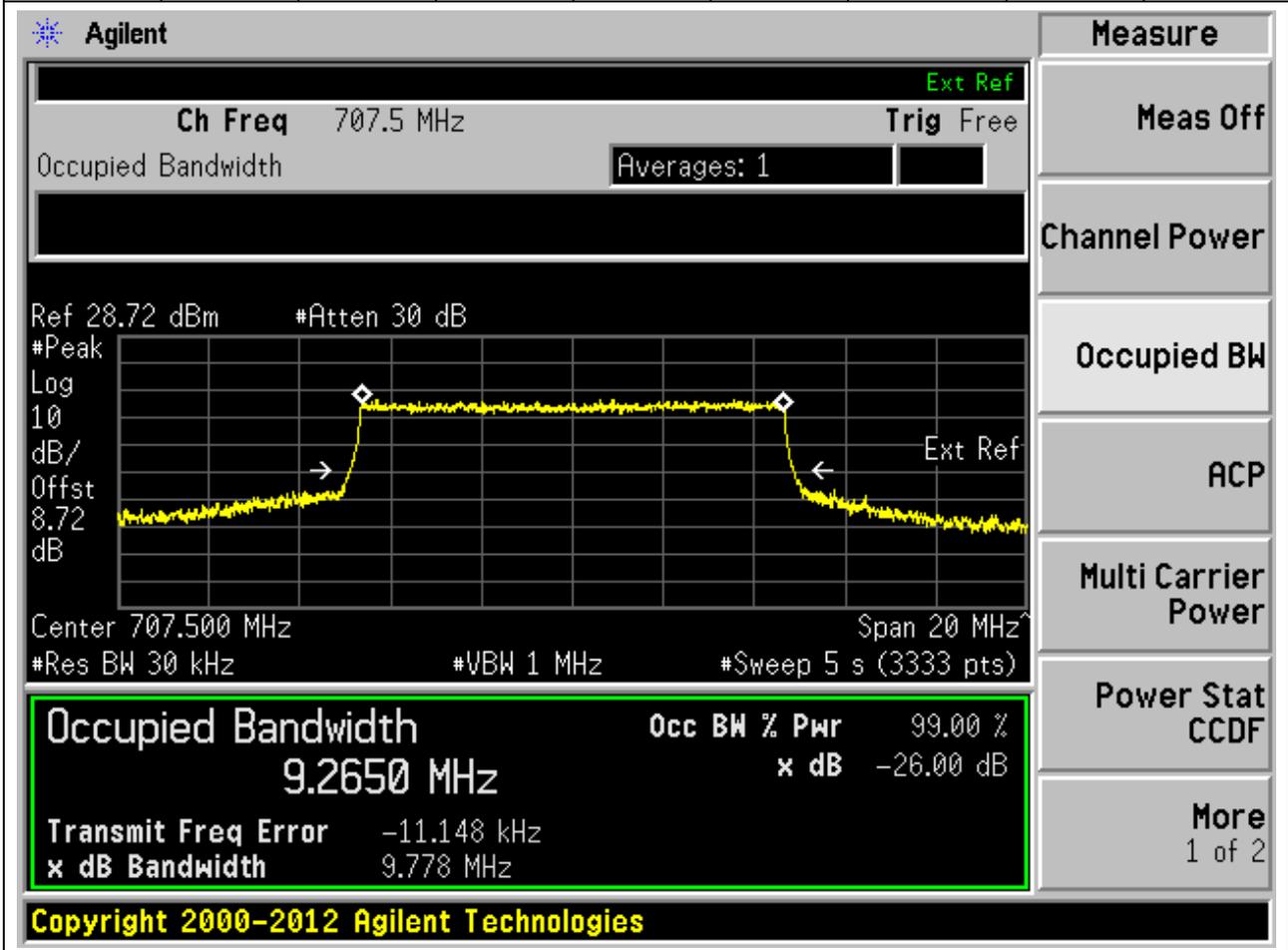
**5.19. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:140800, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 704                    | 99            | 26            | 0.03      | Peak     | 9.25      | 9.75                | 10                | Pass    |



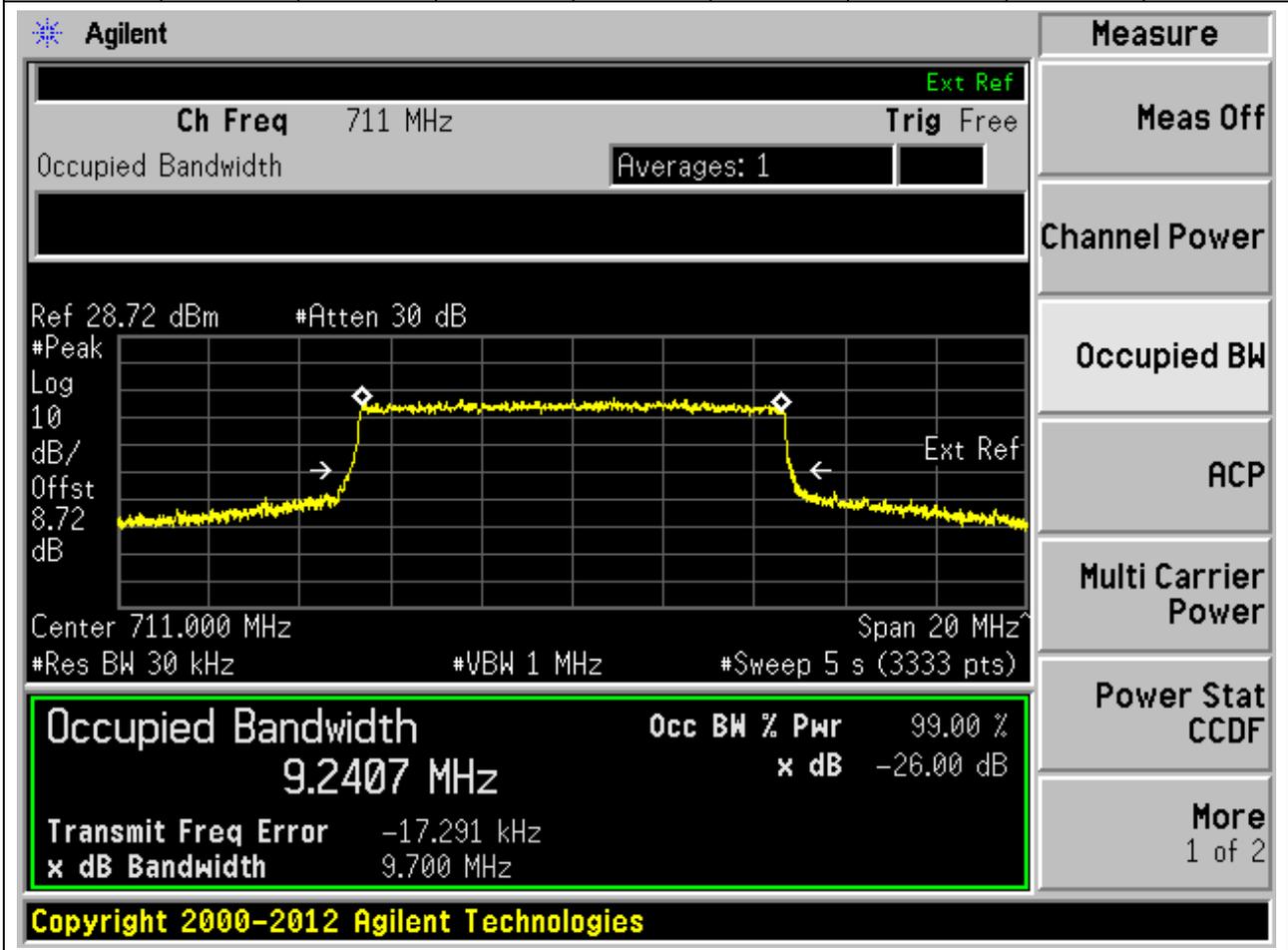
**5.20. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:141500, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 707.5                  | 99            | 26            | 0.03      | Peak     | 9.26      | 9.78                | 10                | Pass    |



**5.21. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:142200, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 711                    | 99            | 26            | 0.03      | Peak     | 9.24      | 9.7                 | 10                | Pass    |



**5.22. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:140800, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 704                    | 99            | 26            | 0.03      | Peak     | 9.26      | 9.68                | 10                | Pass    |

Agilent

**Measure**  
Meas Off  
Channel Power  
**Occupied BW**  
ACP  
Multi Carrier Power  
Power Stat CCDF  
More  
1 of 2

Ch Freq 704 MHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 28.72 dBm    #Atten 30 dB

#Peak

Log

10

dB/

Offst

8.72

dB

Ext Ref

Center 704.000 MHz
Span 20 MHz

#Res BW 30 kHz
#VBW 1 MHz
#Sweep 5 s (3333 pts)

|                            |                             |
|----------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> 99.00 % |
| 9.2622 MHz                 | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> | -13.798 kHz                 |
| <b>x dB Bandwidth</b>      | 9.679 MHz                   |

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**5.23. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:141500, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 707.5                  | 99            | 26            | 0.03      | Peak     | 9.28      | 9.7                 | 10                | Pass    |

**Agilent**

Ch Freq 707.5 MHz Trig Free

Occupied Bandwidth Averages: 1

Ref 28.72 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.72 dB

Center 707.500 MHz Span 20 MHz

#Res BW 30 kHz #VBW 1 MHz #Sweep 5 s (3333 pts)

**Occupied Bandwidth** Occ BW % Pwr 99.00 %  
 9.2767 MHz x dB -26.00 dB

Transmit Freq Error -12.255 kHz  
 x dB Bandwidth 9.705 MHz

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**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**5.24. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:142200, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 711                    | 99            | 26            | 0.03      | Peak     | 9.26      | 9.68                | 10                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 711.000 MHz and the span is 20 MHz. The occupied bandwidth is measured as 9.2551 MHz. The power is 99.00% and the XdB down is -26.00 dB. The transmit frequency error is -15.500 kHz and the XdB bandwidth is 9.684 MHz. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 9.2551 MHz         | 99.00 %      | -26.00 dB |

Transmit Freq Error: -15.500 kHz  
 x dB Bandwidth: 9.684 MHz

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**5.25. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:141300, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 706.5                  | 99            | 26            | 0.03      | Peak     | 14.07     | 14.57               | 15                | Pass    |

Agilent

Measure

Ch Freq 706.5 MHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 28.72 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
10

dB/
Offst

8.72
dB

Center 706.500 MHz
Span 30 MHz

#Res BW 30 kHz
#VBW 1 MHz
#Sweep 5 s (5000 pts)

|                                       |                             |
|---------------------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>             | <b>Occ BW % Pwr</b> 99.00 % |
| 14.0658 MHz                           | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> -4.199 kHz |                             |
| <b>x dB Bandwidth</b> 14.569 MHz      |                             |

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

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**5.26. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:141500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 707.5                  | 99            | 26            | 0.03      | Peak     | 14.07     | 14.62               | 15                | Pass    |

Agilent
Measure

Ch Freq 707.5 MHz Trig Free

Occupied Bandwidth Averages: 1

Ref 28.72 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.72 dB

Center 707.500 MHz Span 30 MHz

#Res BW 30 kHz #VBW 1 MHz #Sweep 5 s (5000 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

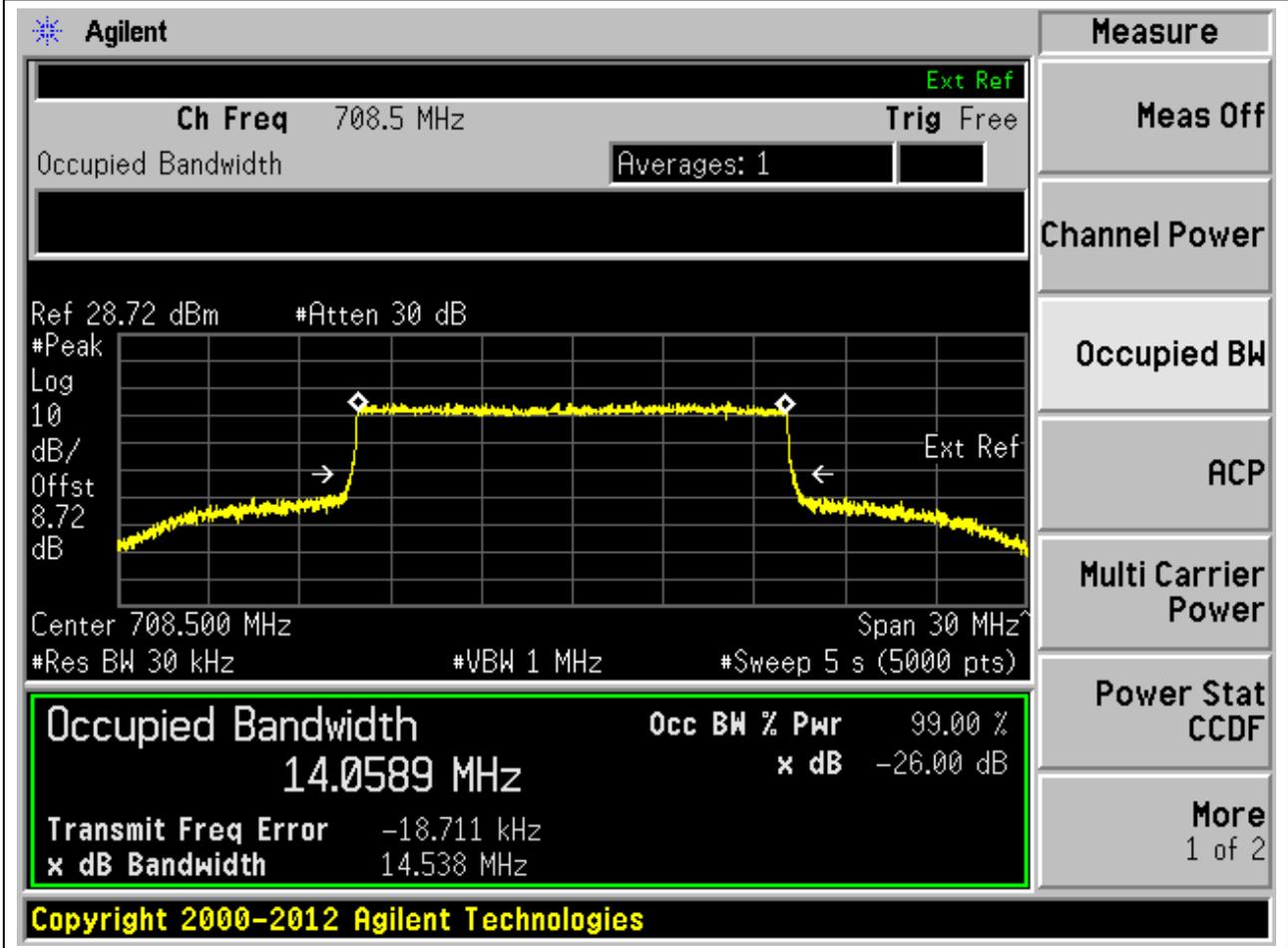
More 1 of 2

|  |                             |
|--|-----------------------------|
| <b>Occupied Bandwidth</b>              | <b>Occ BW % Pwr</b> 99.00 % |
| <b>14.0657 MHz</b>                     | <b>x dB</b> -26.00 dB       |
| <b>Transmit Freq Error</b> -14.224 kHz |                             |
| <b>x dB Bandwidth</b> 14.615 MHz       |                             |

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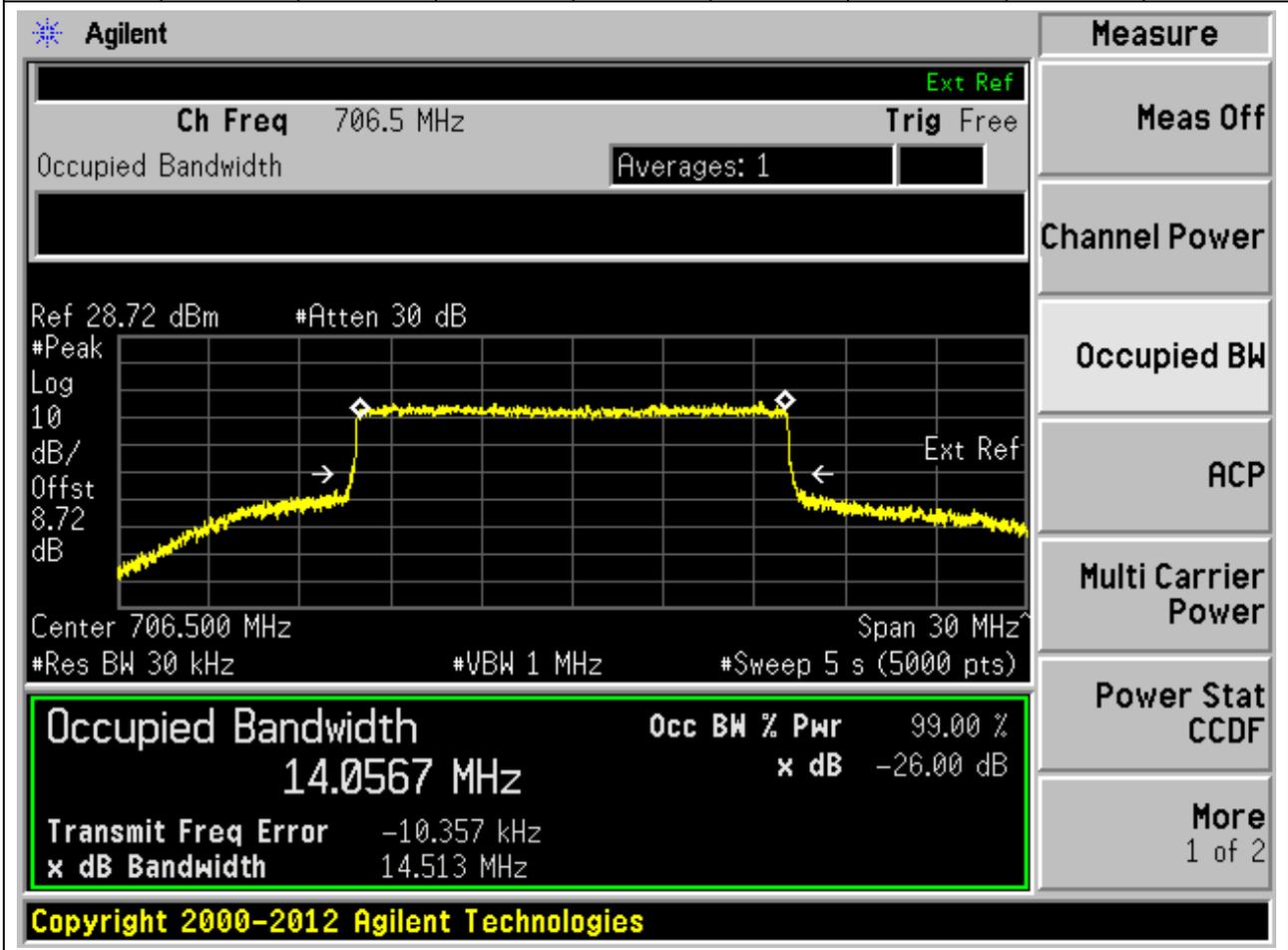
**5.27. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:141700, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 708.5                  | 99            | 26            | 0.03      | Peak     | 14.06     | 14.54               | 15                | Pass    |



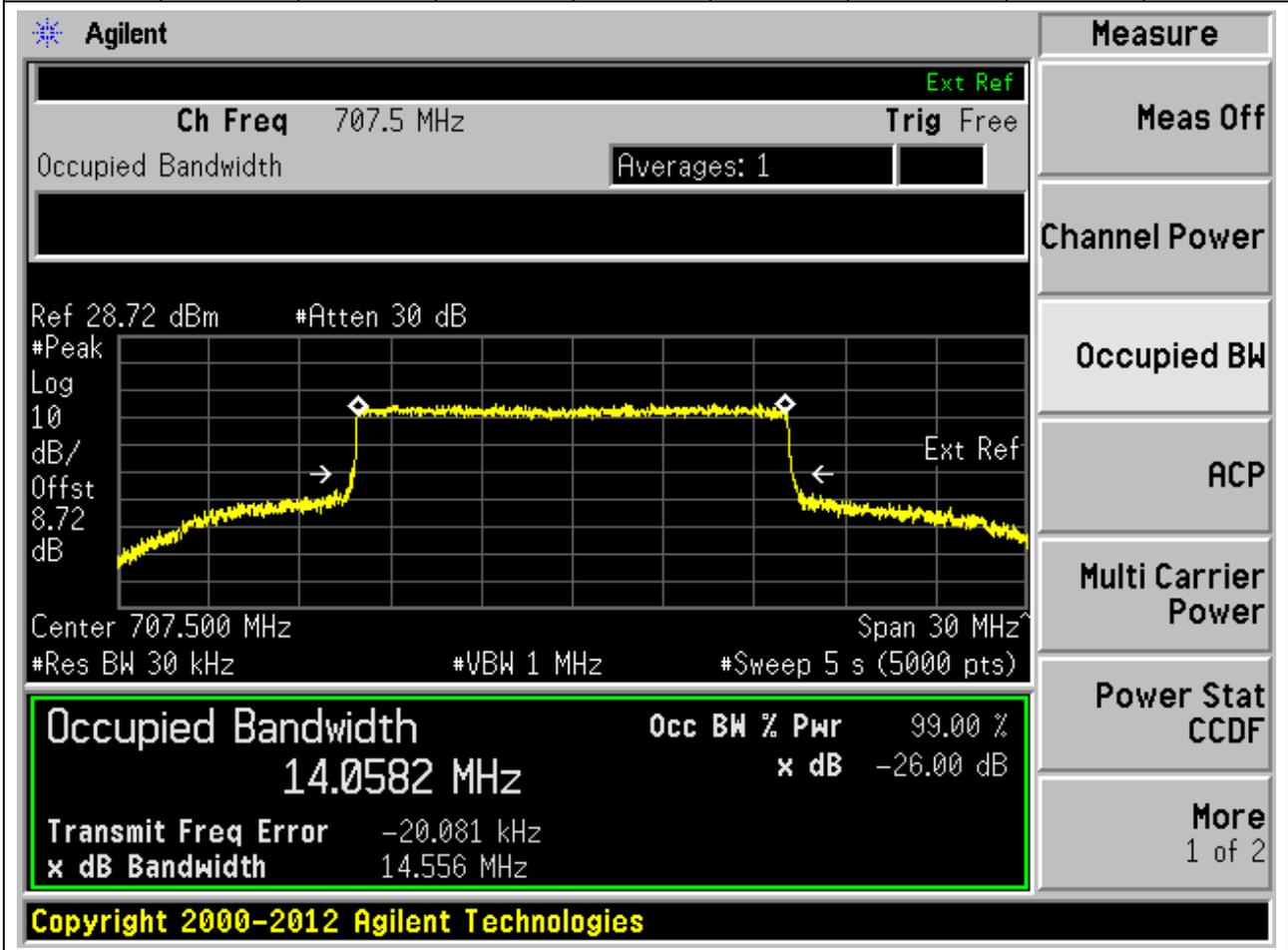
**5.28. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:141300, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 706.5                  | 99            | 26            | 0.03      | Peak     | 14.06     | 14.51               | 15                | Pass    |



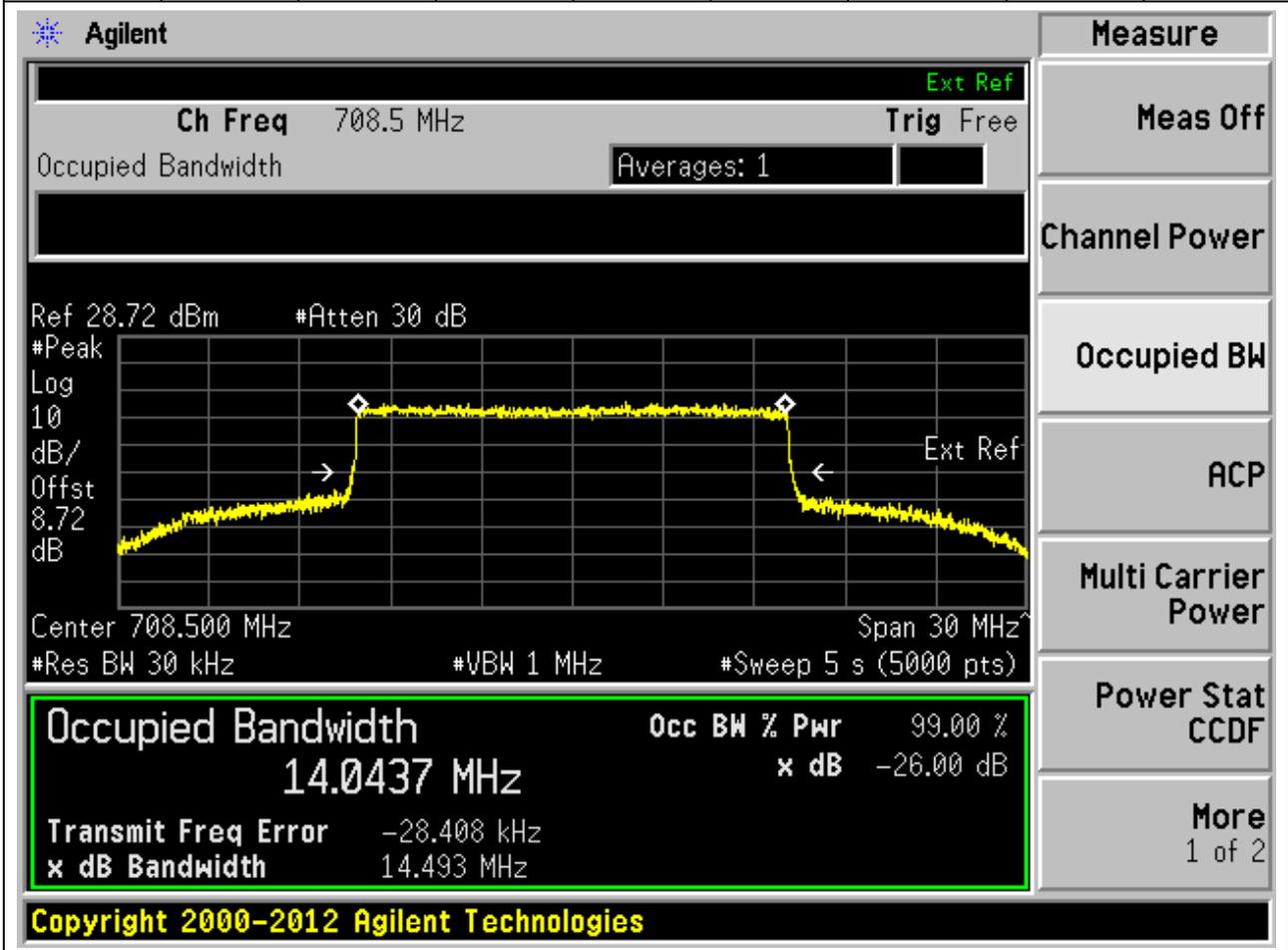
**5.29. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:141500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 707.5                  | 99            | 26            | 0.03      | Peak     | 14.06     | 14.56               | 15                | Pass    |



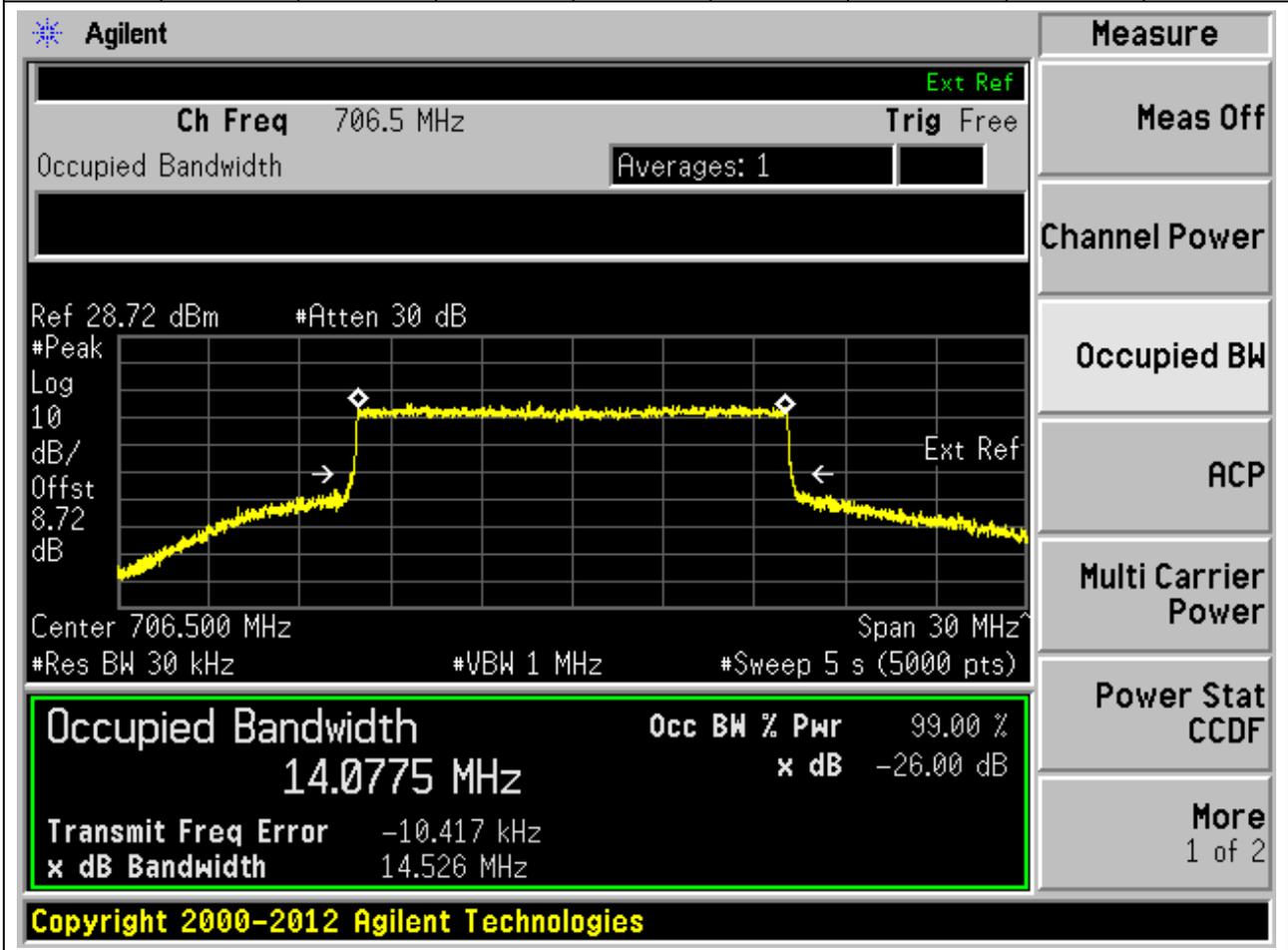
**5.30. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:141700, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 708.5                  | 99            | 26            | 0.03      | Peak     | 14.04     | 14.49               | 15                | Pass    |



**5.31. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:141300, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 706.5                  | 99            | 26            | 0.03      | Peak     | 14.08     | 14.53               | 15                | Pass    |



**5.32. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:141500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 707.5                  | 99            | 26            | 0.03      | Peak     | 14.08     | 14.55               | 15                | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 707.5 MHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 28.72 dBm
#Atten 30 dB

#Peak  
 Log  
 10  
 dB/  
 Offst  
 8.72  
 dB

Center 707.500 MHz
Span 30 MHz

#Res BW 30 kHz
#VBW 1 MHz
#Sweep 5 s (5000 pts)

|                            |                             |
|----------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> 99.00 % |
| 14.0763 MHz                | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> | -15.191 kHz                 |
| <b>x dB Bandwidth</b>      | 14.546 MHz                  |

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**5.33. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:141700, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 708.5                  | 99            | 26            | 0.03      | Peak     | 14.06     | 14.46               | 15                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 708.5 MHz. The main display shows a spectrum plot with a yellow trace. The plot parameters include a reference level of 28.72 dBm, 30 dB attenuation, a resolution bandwidth of 30 kHz, and a span of 30 MHz. The occupied bandwidth is highlighted in a green box with the following values:

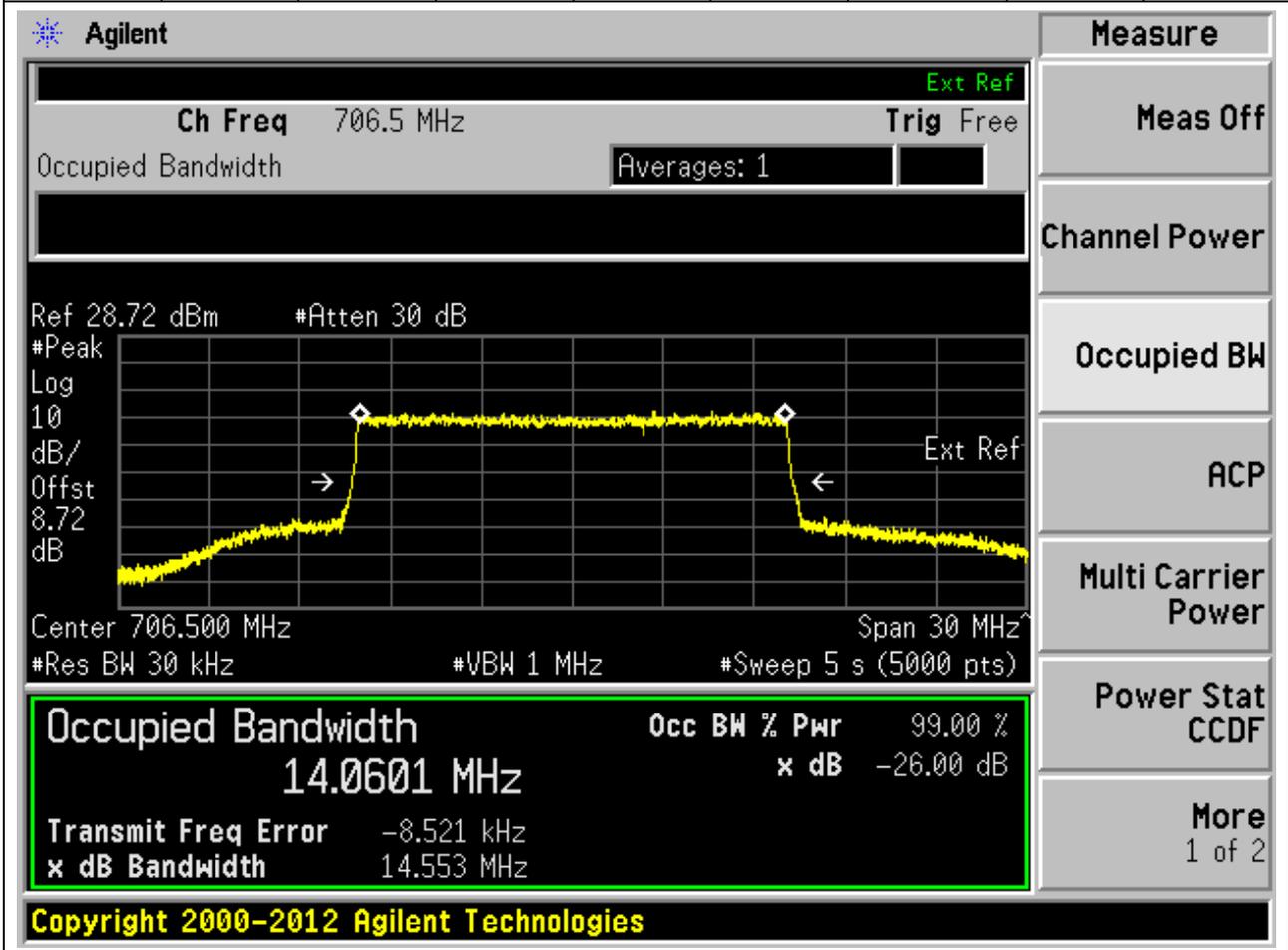
|                            |                     |             |
|----------------------------|---------------------|-------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> | 99.00 %     |
| <b>14.0647 MHz</b>         | <b>x dB</b>         | -26.00 dB   |
| <b>Transmit Freq Error</b> |                     | -22.724 kHz |
| <b>x dB Bandwidth</b>      |                     | 14.464 MHz  |

On the right side of the interface, a 'Measure' menu is visible with options: Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

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**5.34. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:141300, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 706.5                  | 99            | 26            | 0.03      | Peak     | 14.06     | 14.55               | 15                | Pass    |



**5.35. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:141500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 707.5                  | 99            | 26            | 0.03      | Peak     | 14.07     | 14.6                | 15                | Pass    |

Agilent

Measure

Ch Freq 707.5 MHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 28.72 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
10

dB/
Offst

8.72
dB

Center 707.500 MHz
Span 30 MHz

#Res BW 30 kHz
#VBW 1 MHz
#Sweep 5 s (5000 pts)

|                            |                             |
|----------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> 99.00 % |
| 14.0699 MHz                | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> | -12.643 kHz                 |
| <b>x dB Bandwidth</b>      | 14.605 MHz                  |

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

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**5.36. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:141700, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 708.5                  | 99            | 26            | 0.03      | Peak     | 14.06     | 14.57               | 15                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 708.5 MHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow trace. The plot parameters include 'Ref 28.72 dBm', '#Atten 30 dB', 'Center 708.500 MHz', 'Span 30 MHz', '#Res BW 30 kHz', '#VBW 1 MHz', and '#Sweep 5 s (5000 pts)'. The plot shows a signal with a peak at approximately 708.5 MHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 14.0551 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -24.533 kHz and the 'x dB Bandwidth' is 14.568 MHz. The 'Verdict' is 'Pass'. The interface also includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The copyright notice 'Copyright 2000-2012 Agilent Technologies' is visible at the bottom.

# 1. n7

1.1. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:500500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2502.5                 | 99            | 26            | 0.1       | Peak     | 4.49      | 5.1                 | 5                 | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The results are as follows:

| Measurement         | Value      |
|---------------------|------------|
| Occupied Bandwidth  | 4.4873 MHz |
| Occ BW % Pwr        | 99.00 %    |
| x dB                | -26.00 dB  |
| Transmit Freq Error | -5.738 kHz |
| x dB Bandwidth      | 5.100 MHz  |

Additional parameters shown in the interface include: Center 2.502 500 GHz, Span 10 MHz, #Res BW 100 kHz, #VBW 300 kHz, #Sweep 5 s (500 pts), Ref 30 dBm, #Atten 30 dB, and #Peak Log 10 dB/Offst 11.3 dB. The 'Measure' menu on the right includes options like Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

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**1.2. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:507000, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2535                   | 99            | 26            | 0.1       | Peak     | 4.49      | 5.03                | 5                 | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.535 GHz, and the span is 10 MHz. The occupied bandwidth is measured as 4.4890 MHz. The power is 99.00% and the XdB down is -26.00 dB. The transmit frequency error is -8.241 kHz, and the XdB bandwidth is 5.035 MHz. The interface includes various measurement buttons on the right side, such as 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth  | Occ BW % Pwr | 99.00 %   |
|---------------------|--------------|-----------|
| 4.4890 MHz          | x dB         | -26.00 dB |
| Transmit Freq Error | -8.241 kHz   |           |
| x dB Bandwidth      | 5.035 MHz    |           |

**1.3. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:513500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2567.5                 | 99            | 26            | 0.1       | Peak     | 4.5       | 5.1                 | 5                 | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The measurement results are as follows:

| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 4.4984 MHz  |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | -13.847 kHz |
| x dB Bandwidth      | 5.099 MHz   |

Additional parameters shown in the interface include: Ch Freq 2.5675 GHz, Res BW 100 kHz, VBW 300 kHz, Sweep 5 s (500 pts), and Span 10 MHz. The 'Measure' menu on the right includes options like Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More.

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**1.4. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:500500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2502.5                 | 99            | 26            | 0.1       | Peak     | 4.48      | 4.98                | 5                 | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The measurement results are as follows:

| Measurement         | Value      |
|---------------------|------------|
| Occupied Bandwidth  | 4.4830 MHz |
| Occ BW % Pwr        | 99.00 %    |
| x dB                | -26.00 dB  |
| Transmit Freq Error | -2.326 kHz |
| x dB Bandwidth      | 4.977 MHz  |

Additional parameters shown in the interface include: Ch Freq 2.5025 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log, 10 dB/Offst, 11.3 dB, Center 2.502 500 GHz, Span 10 MHz, #Res BW 100 kHz, #VBW 300 kHz, #Sweep 5 s (500 pts). The 'Measure' menu on the right includes options like Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

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**1.5. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:507000, Bandwidth:5, SCS:15, OFDM:CP-OFDM, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2535                   | 99            | 26            | 0.1       | Peak     | 4.48      | 5                   | 5                 | Pass    |

Agilent

**Measure**  
Meas Off  
Channel Power  
**Occupied BW**  
ACP  
Multi Carrier Power  
Power Stat CCDF  
More  
1 of 2

Ch Freq 2.535 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.535 000 GHz Span 10 MHz  
#Res BW 100 kHz #VBW 300 kHz #Sweep 5 s (500 pts)

|                                       |                             |
|---------------------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>             | <b>Occ BW % Pwr</b> 99.00 % |
| 4.4827 MHz                            | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> -7.246 kHz |                             |
| <b>x dB Bandwidth</b> 4.995 MHz       |                             |

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**1.6. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:513500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2567.5                 | 99            | 26            | 0.1       | Peak     | 4.49      | 5                   | 5                 | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The results are as follows:

| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 4.4906 MHz  |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | -11.458 kHz |
| x dB Bandwidth      | 5.001 MHz   |

Additional parameters shown in the interface include: Ch Freq 2.5675 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log, 10 dB/Offst, 11.3 dB, Center 2.567 500 GHz, Span 10 MHz, #Res BW 100 kHz, #VBW 300 kHz, #Sweep 5 s (500 pts).

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**1.7. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:500500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2502.5                 | 99            | 26            | 0.1       | Peak     | 4.48      | 5.02                | 5                 | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.5025 GHz, and the span is 10 MHz. The occupied bandwidth is measured as 4.4849 MHz. The power is 99.00% and the XdB down is -26.00 dB. The detector is set to Peak. The RBW is 0.1 MHz. The upper limit is 5 MHz. The verdict is Pass.

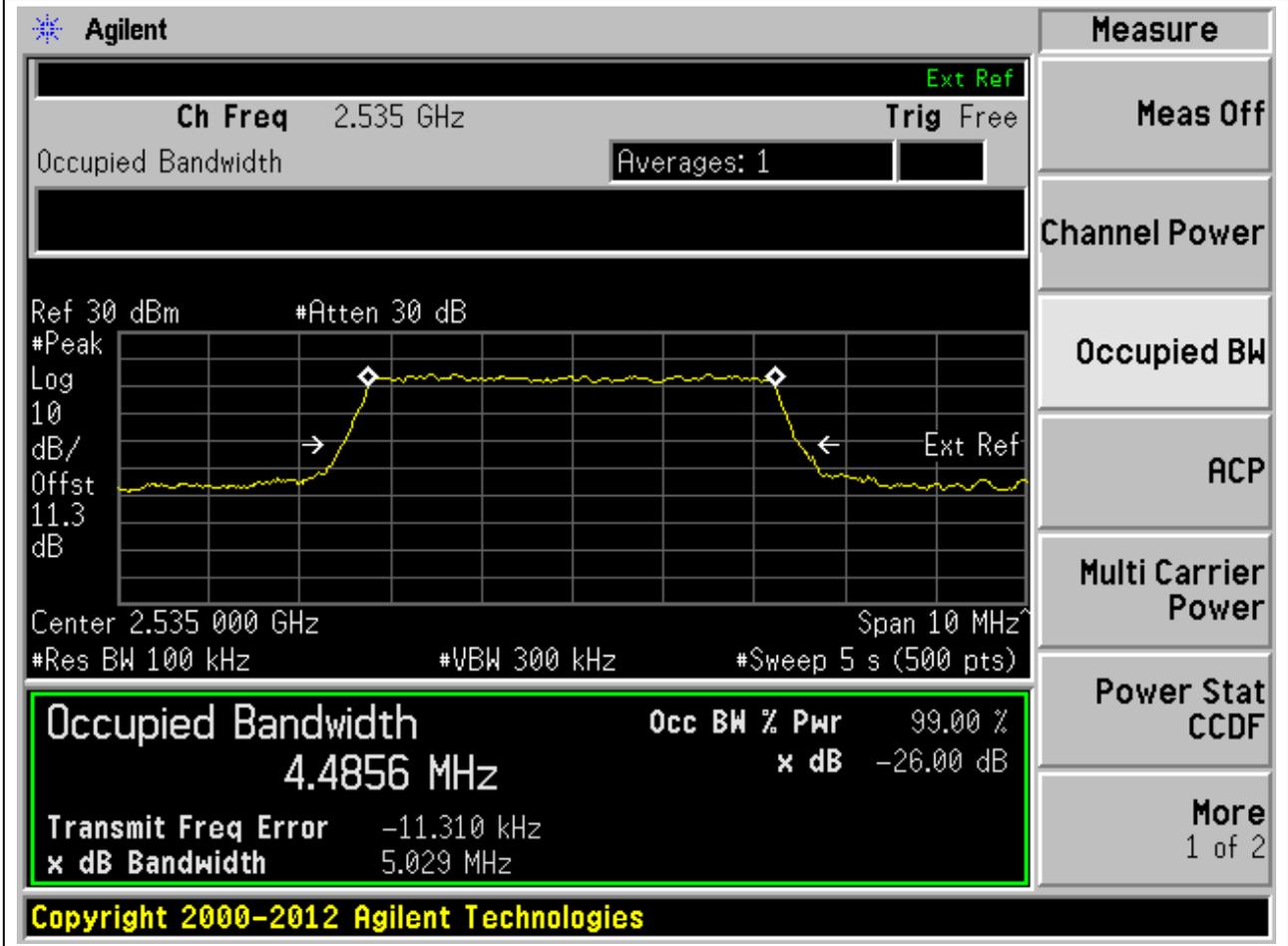
| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 4.4849 MHz         | 99.00 %      | -26.00 dB |

Other parameters shown in the screenshot include: Ch Freq 2.5025 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log, 10 dB/Offst, 11.3 dB, Center 2.502 500 GHz, Span 10 MHz, #Res BW 100 kHz, #VBW 300 kHz, #Sweep 5 s (500 pts), Transmit Freq Error -7.282 kHz, x dB Bandwidth 5.020 MHz.

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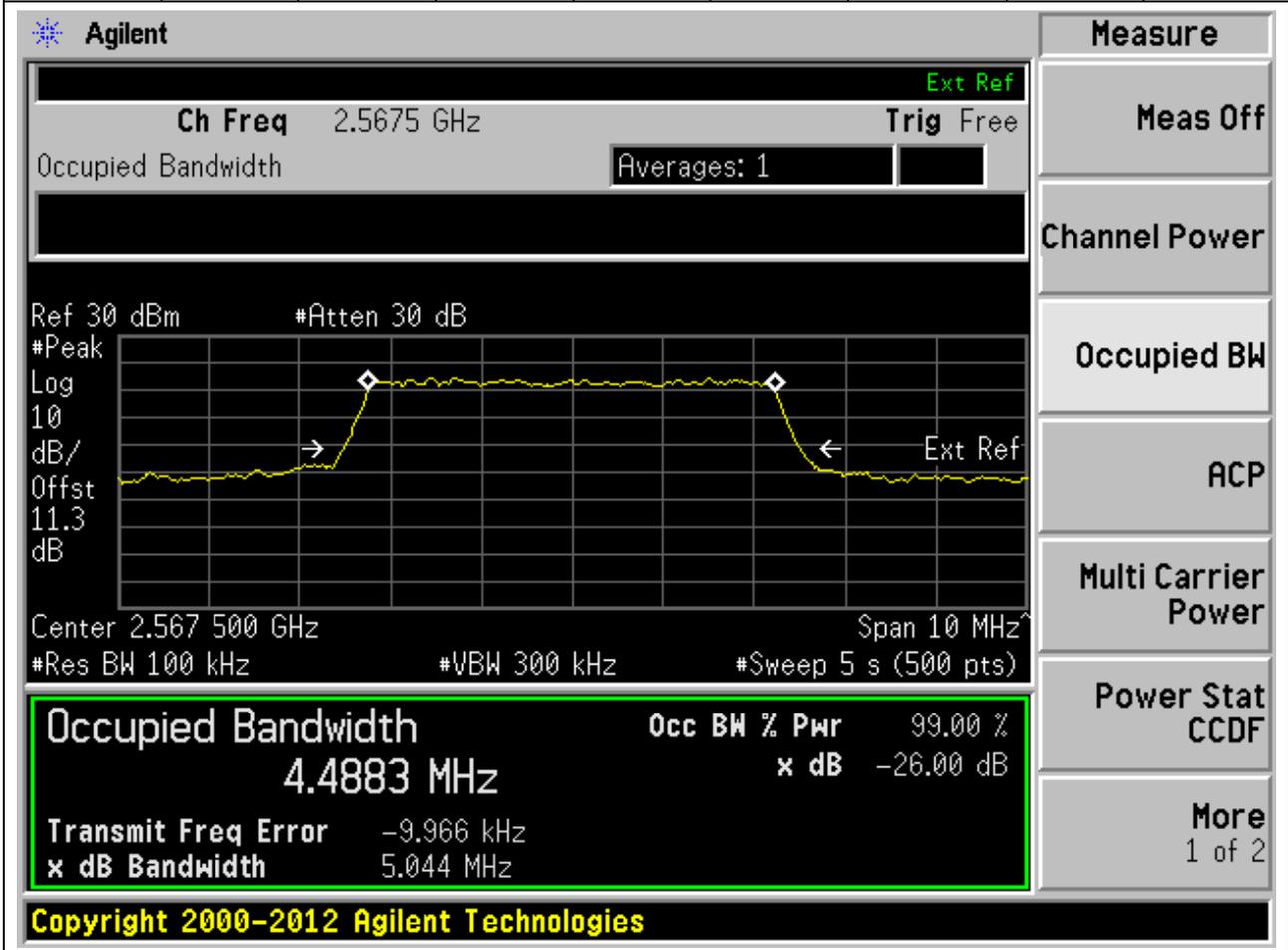
**1.8. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:507000, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:25, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2535                   | 99            | 26            | 0.1       | Peak     | 4.49      | 5.03                | 5                 | Pass    |



**1.9. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:513500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2567.5                 | 99            | 26            | 0.1       | Peak     | 4.49      | 5.04                | 5                 | Pass    |



**1.10. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:500500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2502.5                 | 99            | 26            | 0.1       | Peak     | 4.49      | 5.01                | 5                 | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The results are as follows:

| Measurement         | Value      |
|---------------------|------------|
| Occupied Bandwidth  | 4.4883 MHz |
| Occ BW % Pwr        | 99.00 %    |
| x dB                | -26.00 dB  |
| Transmit Freq Error | -3.276 kHz |
| x dB Bandwidth      | 5.014 MHz  |

Additional parameters shown in the interface include: Ch Freq 2.5025 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log, 10 dB/Offst, 11.3 dB, Center 2.502 500 GHz, Span 10 MHz, #Res BW 100 kHz, #VBW 300 kHz, #Sweep 5 s (500 pts). The 'Measure' menu on the right includes options like Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

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**1.11. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:507000, Bandwidth:5, SCS:15, OFDM:CP-OFDM, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2535                   | 99            | 26            | 0.1       | Peak     | 4.5       | 5.04                | 5                 | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 2.535 GHz. The main display shows a spectrum plot with a yellow trace. The plot is set to a reference level of 30 dBm and an attenuation of 30 dB. The occupied bandwidth is highlighted with a green box, showing a value of 4.4952 MHz. The power level is 99.00% and the XdB bandwidth is -26.00 dB. The transmit frequency error is -7.682 kHz and the XdB bandwidth is 5.042 MHz. The interface also shows various measurement settings like Res BW (100 kHz), VBW (300 kHz), and Sweep (5 s).

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 4.4952 MHz         | 99.00 %      | -26.00 dB |

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**1.12. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:513500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2567.5                 | 99            | 26            | 0.1       | Peak     | 4.49      | 5.03                | 5                 | Pass    |

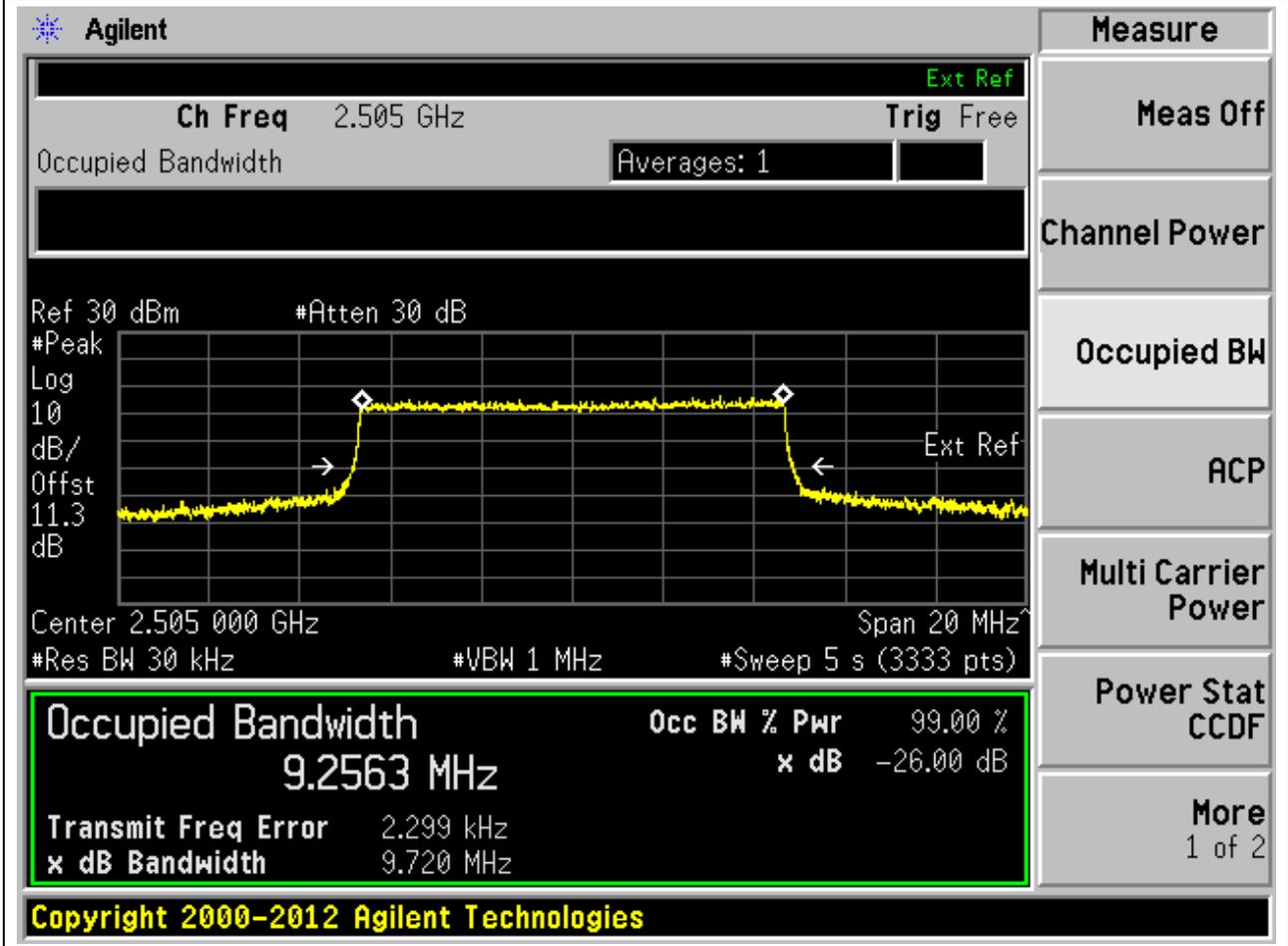
The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 2.5675 GHz. The main display shows a spectrum plot with a yellow trace. The plot is set to a reference level of 30 dBm and an attenuation of 30 dB. The occupied bandwidth is highlighted with a green box, showing a value of 4.4949 MHz. The power level is 99.00% and the XdB bandwidth is -26.00 dB. The transmit frequency error is -8.562 kHz and the XdB bandwidth is 5.031 MHz. The interface also shows various measurement settings like Res BW (100 kHz), VBW (300 kHz), and Sweep (5 s).

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 4.4949 MHz         | 99.00 %      | -26.00 dB |

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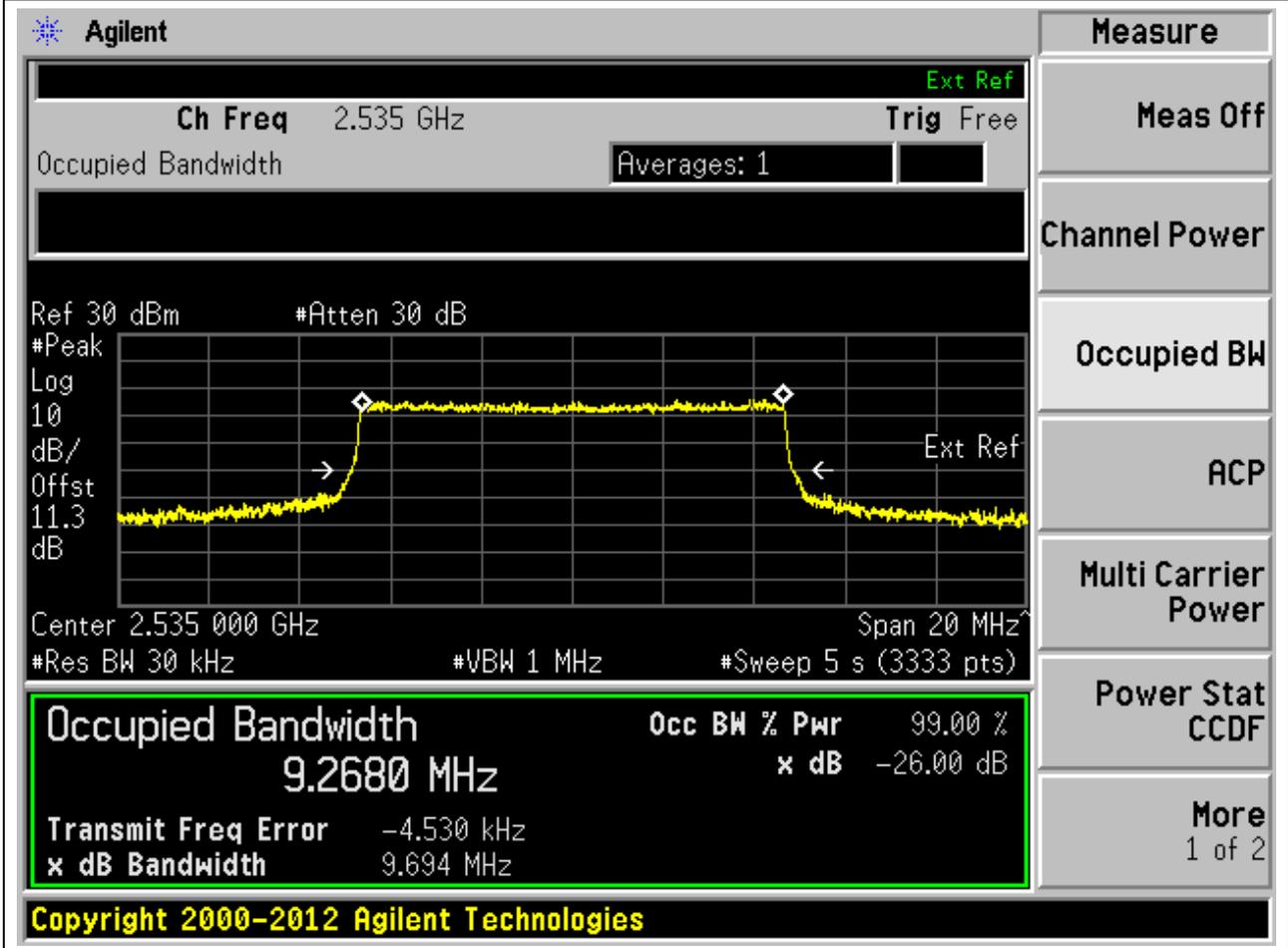
**1.13. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:501000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2505                   | 99            | 26            | 0.03      | Peak     | 9.26      | 9.72                | 10                | Pass    |



**1.14. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:507000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2535                   | 99            | 26            | 0.03      | Peak     | 9.27      | 9.69                | 10                | Pass    |



**1.15. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:513000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2565                   | 99            | 26            | 0.03      | Peak     | 9.26      | 9.68                | 10                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The measurement results are as follows:

| Measurement         | Value      |
|---------------------|------------|
| Occupied Bandwidth  | 9.2593 MHz |
| Occ BW % Pwr        | 99.00 %    |
| x dB                | -26.00 dB  |
| Transmit Freq Error | -8.111 kHz |
| x dB Bandwidth      | 9.684 MHz  |

Other visible parameters include: Ch Freq 2.565 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.3 dB, Center 2.565 000 GHz, Span 20 MHz, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 5 s (3333 pts).

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**1.16. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:501000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2505                   | 99            | 26            | 0.03      | Peak     | 9.26      | 9.72                | 10                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 2.505 GHz, and the span is 20 MHz. The occupied bandwidth is measured as 9.2634 MHz, which is 99.00% of the channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -4.316 kHz, and the XdB bandwidth is 9.720 MHz. The interface includes a 'Measure' panel on the right with buttons for 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

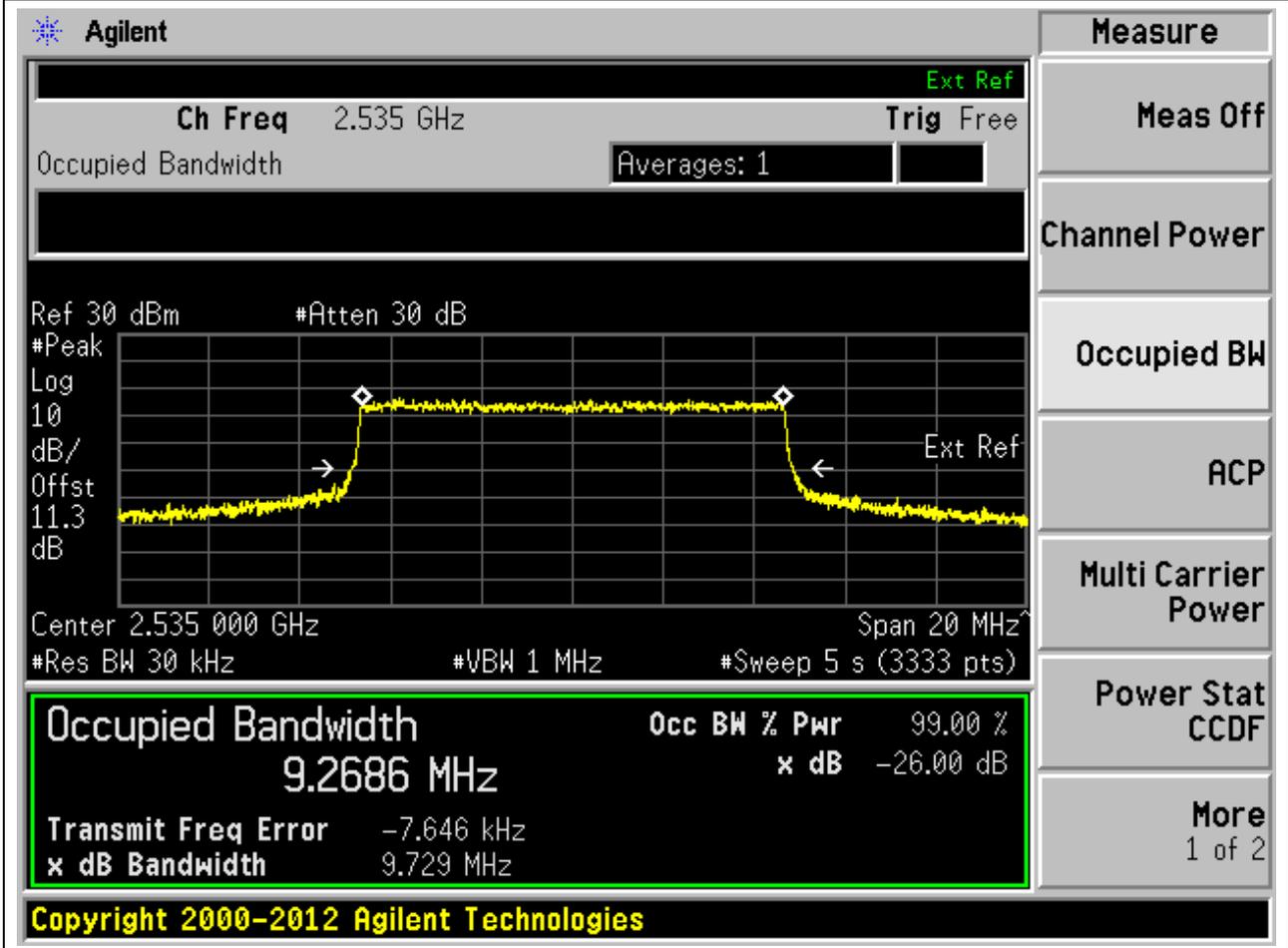
| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 9.2634 MHz         | 99.00 %      | -26.00 dB |

Transmit Freq Error: -4.316 kHz  
 x dB Bandwidth: 9.720 MHz

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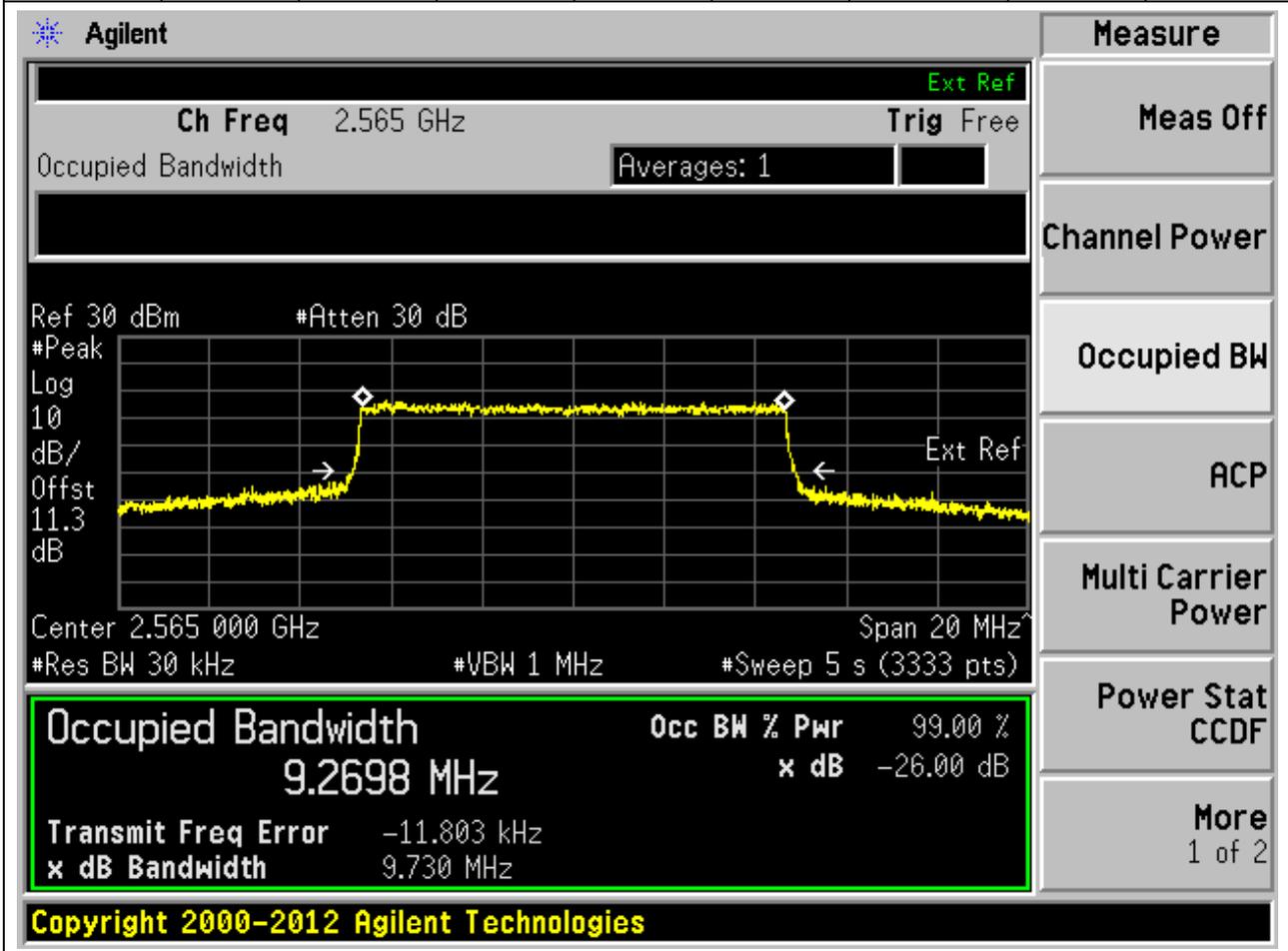
**1.17. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:507000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2535                   | 99            | 26            | 0.03      | Peak     | 9.27      | 9.73                | 10                | Pass    |



**1.18. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:513000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2565                   | 99            | 26            | 0.03      | Peak     | 9.27      | 9.73                | 10                | Pass    |



**1.19. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:501000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2505                   | 99            | 26            | 0.03      | Peak     | 9.28      | 9.68                | 10                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.505 GHz and the span is 20 MHz. The occupied bandwidth is measured as 9.2767 MHz. The power is 99.00% and the XdB bandwidth is -26.00 dB. The detector is set to Peak. The upper limit is 10 MHz. The verdict is Pass.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 9.2767 MHz         | 99.00 %      | -26.00 dB |

Other parameters shown in the screenshot include: Ch Freq 2.505 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst, 11.3 dB, Center 2.505 000 GHz, Span 20 MHz, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 5 s (3333 pts), Transmit Freq Error 446.535 Hz, x dB Bandwidth 9.681 MHz.

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**1.20. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:507000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2535                   | 99            | 26            | 0.03      | Peak     | 9.29      | 9.75                | 10                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The results are as follows:

| Measurement         | Value      |
|---------------------|------------|
| Occupied Bandwidth  | 9.2853 MHz |
| Occ BW % Pwr        | 99.00 %    |
| x dB                | -26.00 dB  |
| Transmit Freq Error | -6.952 kHz |
| x dB Bandwidth      | 9.745 MHz  |

Additional parameters shown in the interface include: Ch Freq 2.535 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.3 dB, Center 2.535 000 GHz, Span 20 MHz, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 5 s (3333 pts).

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**1.21. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:513000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2565                   | 99            | 26            | 0.03      | Peak     | 9.28      | 9.7                 | 10                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.565 GHz and the span is 20 MHz. The occupied bandwidth is measured as 9.2848 MHz. The power is 99.00% and the XdB down is -26.00 dB. The transmit frequency error is -8.716 kHz and the XdB bandwidth is 9.695 MHz. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

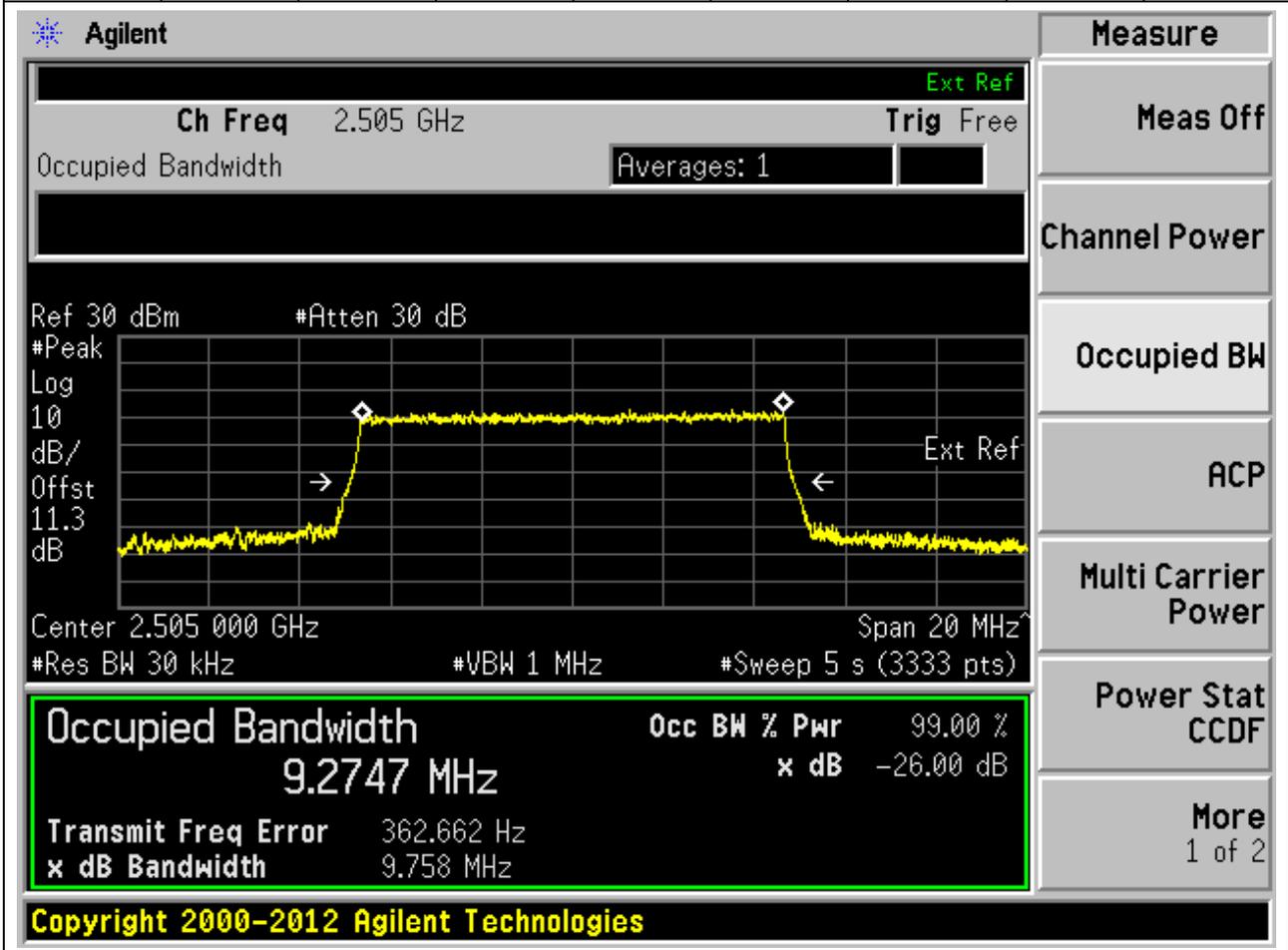
| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 9.2848 MHz         | 99.00 %      | -26.00 dB |

Transmit Freq Error: -8.716 kHz  
x dB Bandwidth: 9.695 MHz

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**1.22. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:501000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2505                   | 99            | 26            | 0.03      | Peak     | 9.27      | 9.76                | 10                | Pass    |



**1.23. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:507000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2535                   | 99            | 26            | 0.03      | Peak     | 9.27      | 9.72                | 10                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The measurement results are as follows:

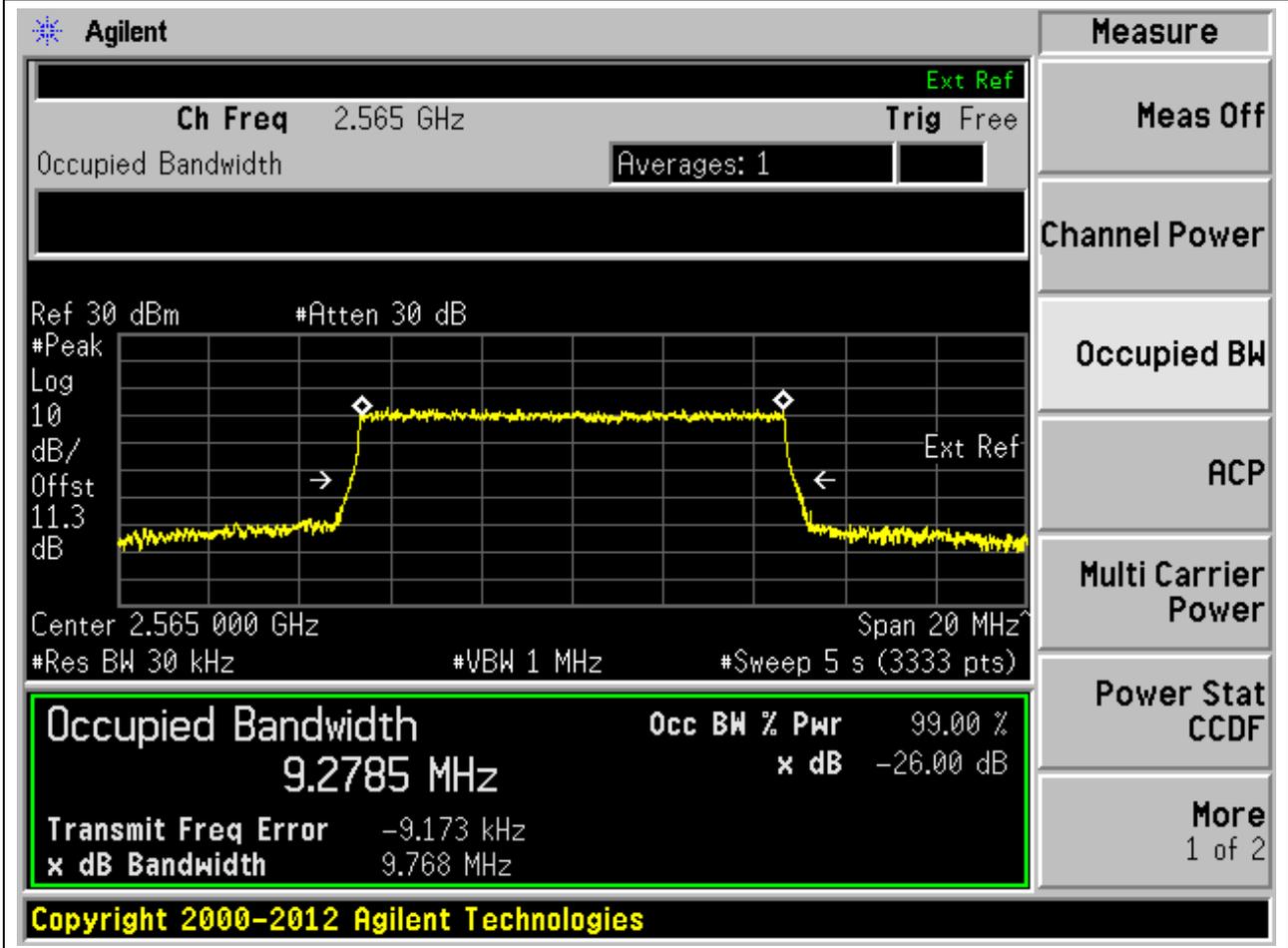
| Measurement         | Value      |
|---------------------|------------|
| Occupied Bandwidth  | 9.2686 MHz |
| Occ BW % Pwr        | 99.00 %    |
| x dB                | -26.00 dB  |
| Transmit Freq Error | -5.983 kHz |
| x dB Bandwidth      | 9.718 MHz  |

Additional parameters shown in the interface include: Ch Freq 2.535 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst, 11.3 dB, Center 2.535 000 GHz, Span 20 MHz, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 5 s (3333 pts).

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**1.24. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:513000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2565                   | 99            | 26            | 0.03      | Peak     | 9.28      | 9.77                | 10                | Pass    |



**1.25. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:501500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2507.5                 | 99            | 26            | 0.03      | Peak     | 14.09     | 14.58               | 15                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The measurement results are as follows:

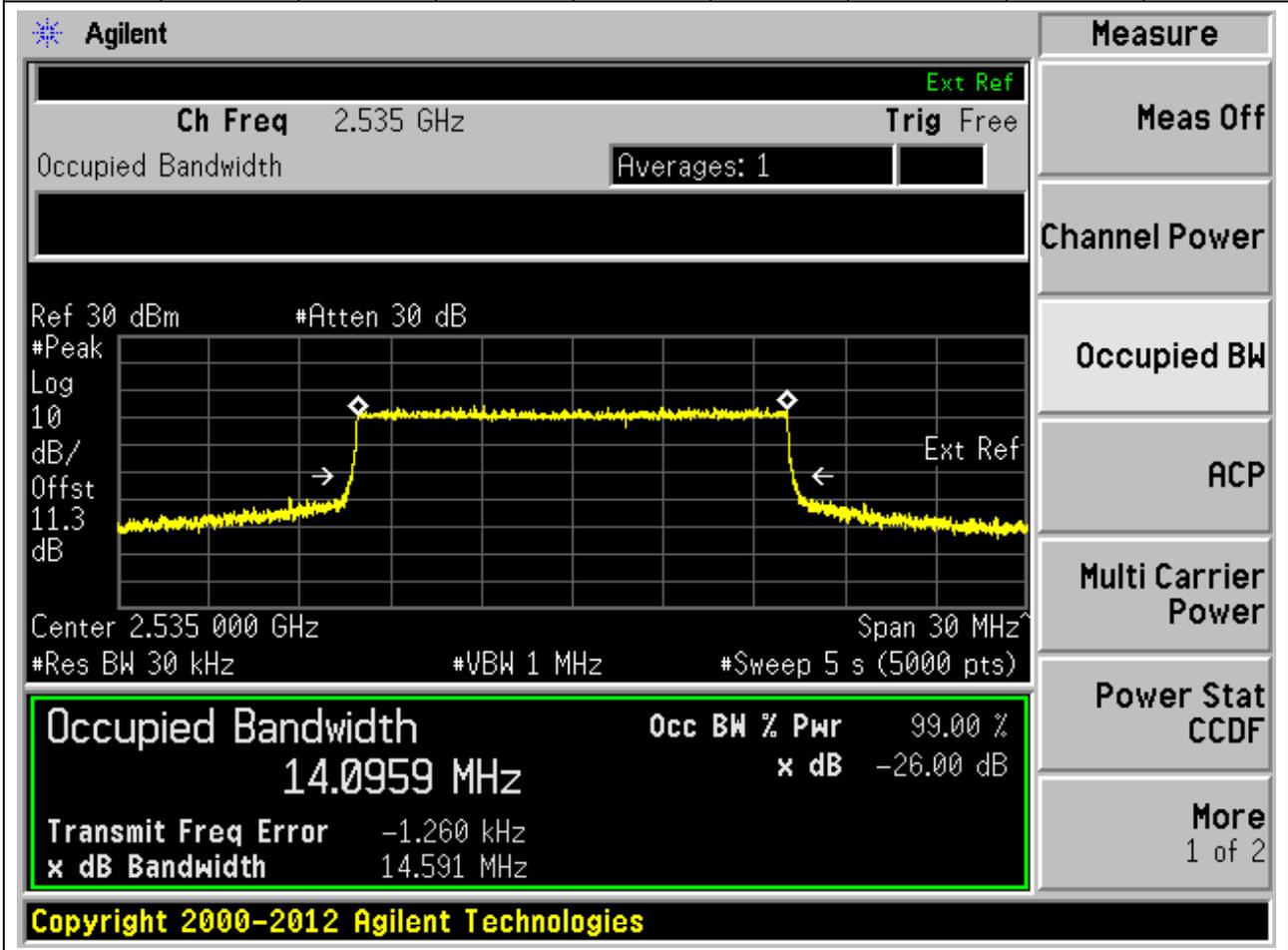
| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 14.0868 MHz |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | 9.948 kHz   |
| x dB Bandwidth      | 14.583 MHz  |

Other visible parameters include: Ch Freq 2.5075 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.3 dB, Center 2.507500 GHz, Span 30 MHz, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 5 s (5000 pts).

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**1.26. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:507000, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2535                   | 99            | 26            | 0.03      | Peak     | 14.1      | 14.59               | 15                | Pass    |



**1.27. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:512500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2562.5                 | 99            | 26            | 0.03      | Peak     | 14.08     | 14.64               | 15                | Pass    |

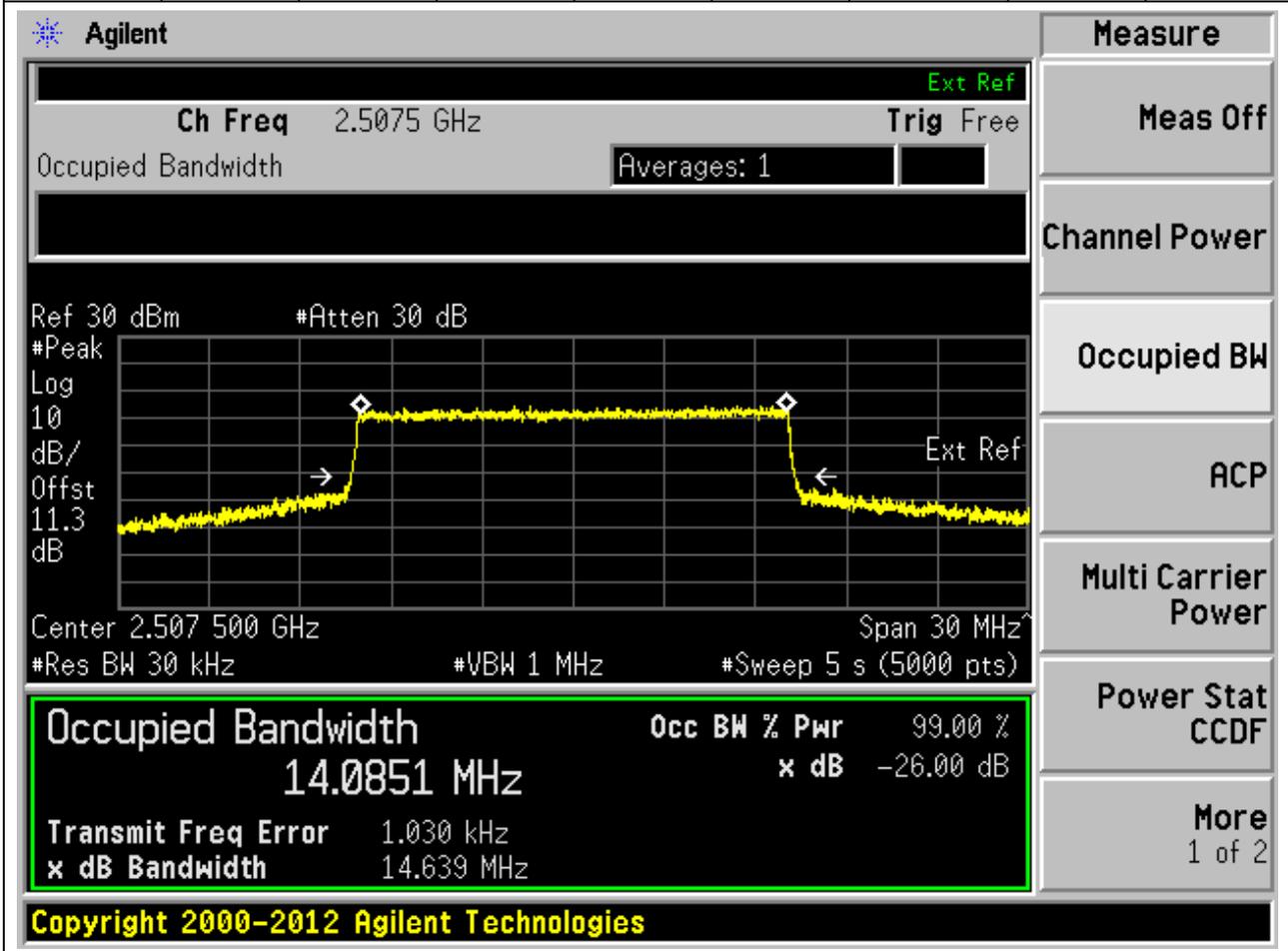
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.5625 GHz, and the span is 30 MHz. The occupied bandwidth is measured as 14.0766 MHz. The power is 99.00% and the XdB down is -26.00 dB. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 14.0766 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: -6.405 kHz  
x dB Bandwidth: 14.637 MHz

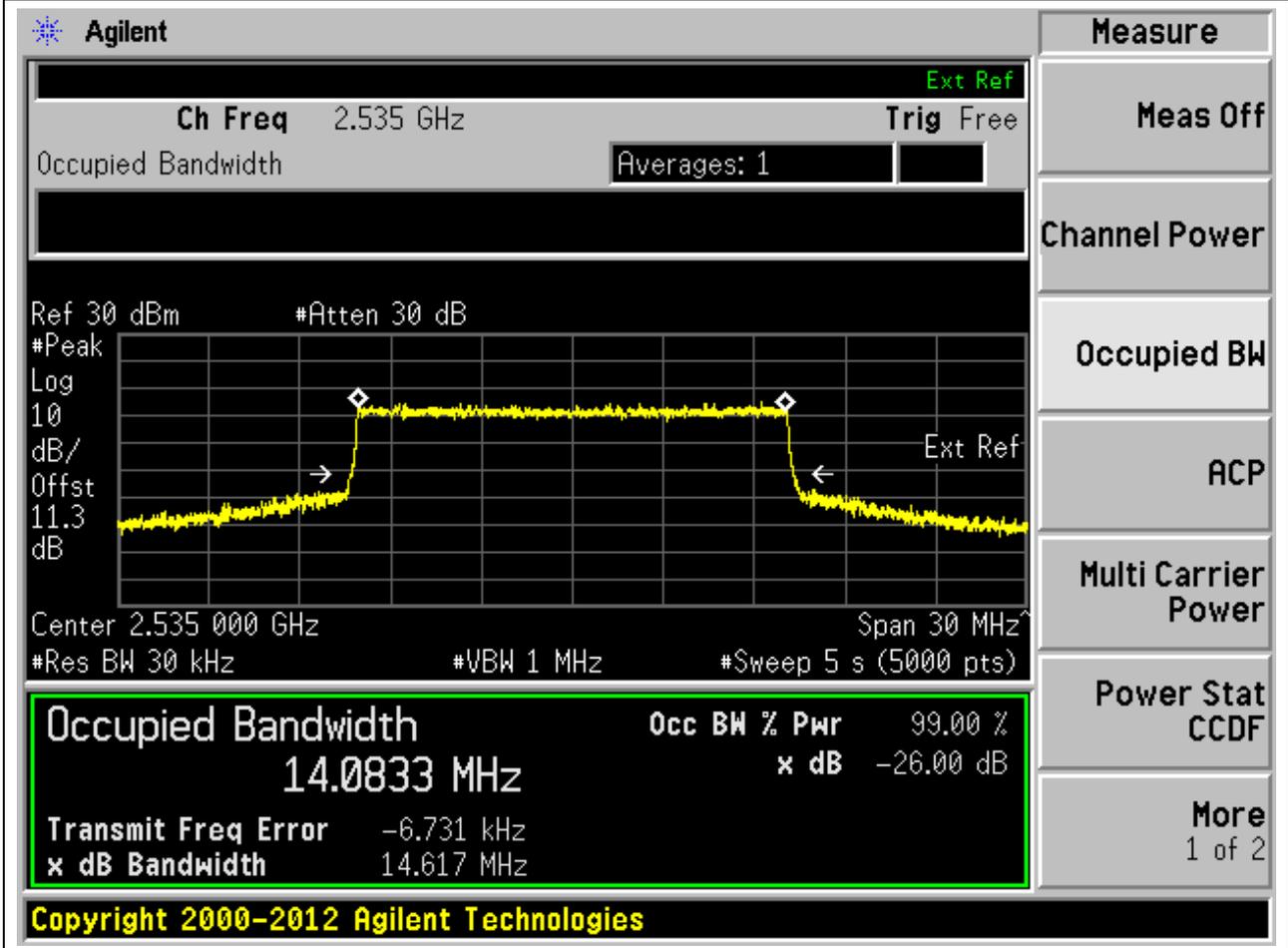
**1.28. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:501500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2507.5                 | 99            | 26            | 0.03      | Peak     | 14.09     | 14.64               | 15                | Pass    |



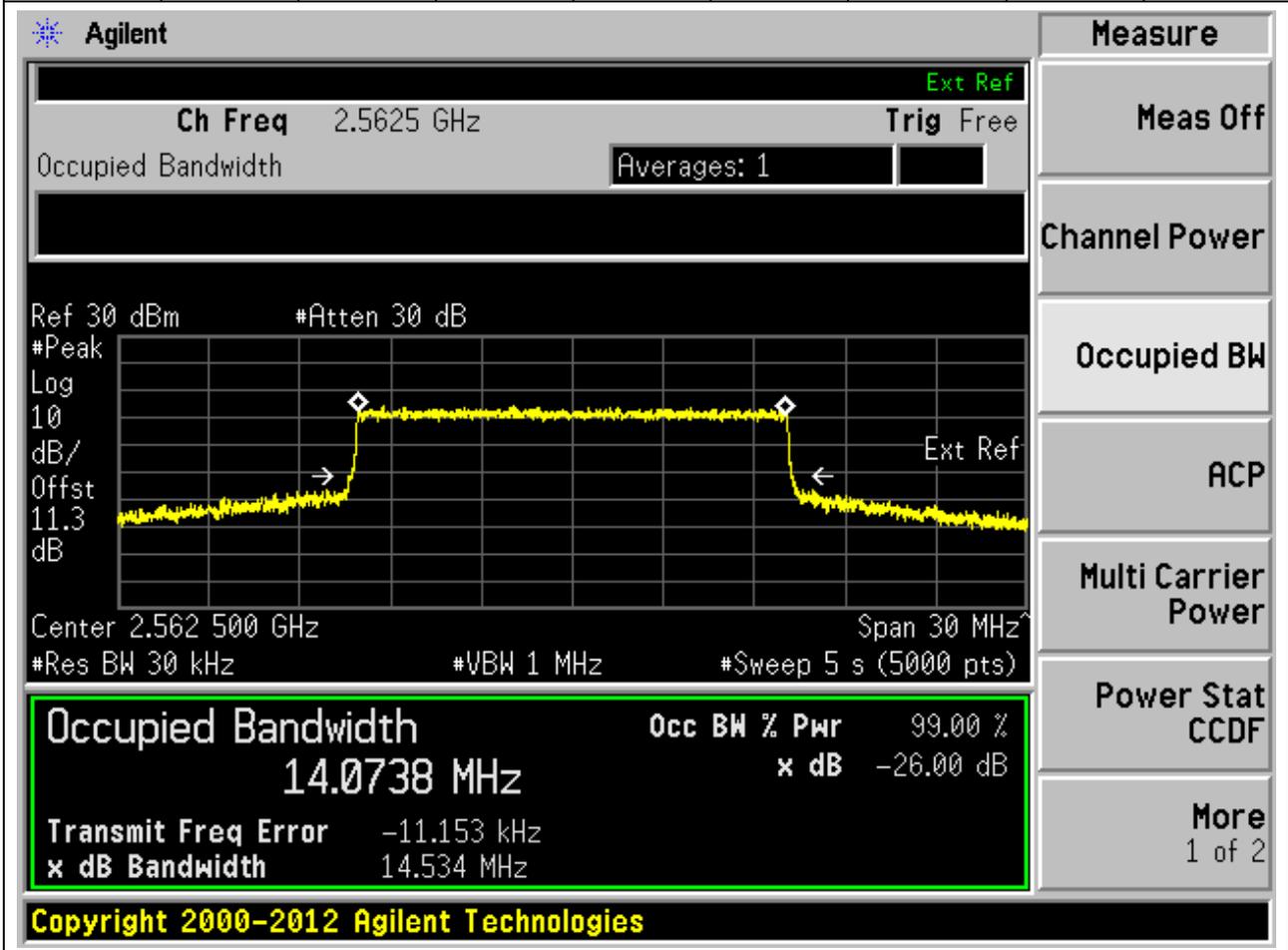
**1.29. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:507000, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2535                   | 99            | 26            | 0.03      | Peak     | 14.08     | 14.62               | 15                | Pass    |



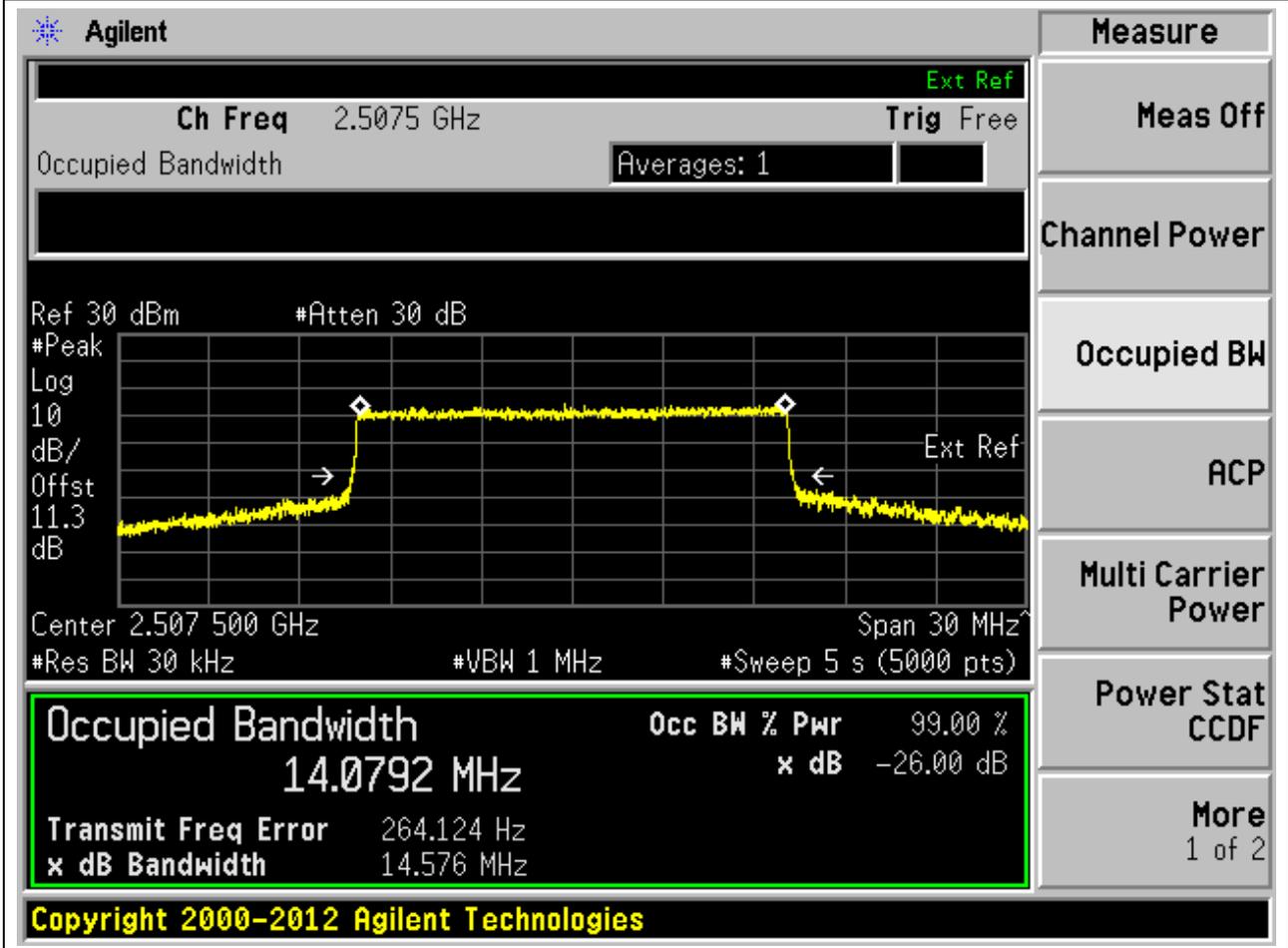
**1.30. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:512500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2562.5                 | 99            | 26            | 0.03      | Peak     | 14.07     | 14.53               | 15                | Pass    |



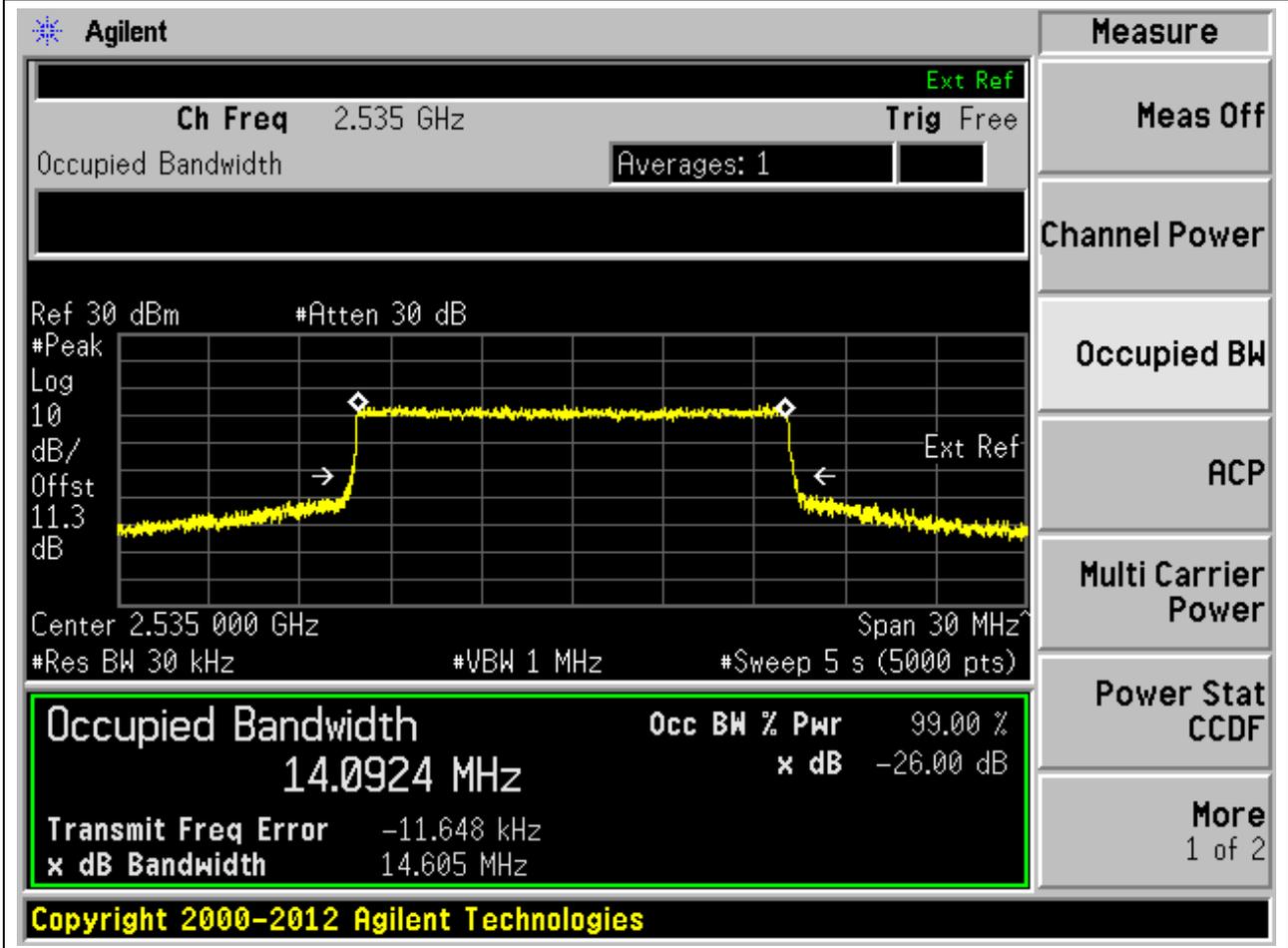
**1.31. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:501500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2507.5                 | 99            | 26            | 0.03      | Peak     | 14.08     | 14.58               | 15                | Pass    |



**1.32. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:507000, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2535                   | 99            | 26            | 0.03      | Peak     | 14.09     | 14.6                | 15                | Pass    |



**1.33. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:512500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2562.5                 | 99            | 26            | 0.03      | Peak     | 14.08     | 14.62               | 15                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The measurement results are as follows:

| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 14.0840 MHz |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | -13.150 kHz |
| x dB Bandwidth      | 14.617 MHz  |

Additional parameters shown in the interface include: Ch Freq 2.5625 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log, 10 dB/Offst, 11.3 dB, Center 2.562 500 GHz, Span 30 MHz, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 5 s (5000 pts).

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**1.34. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:501500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2507.5                 | 99            | 26            | 0.03      | Peak     | 14.08     | 14.48               | 15                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The results are as follows:

| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 14.0846 MHz |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | 6.279 kHz   |
| x dB Bandwidth      | 14.482 MHz  |

Other visible parameters include: Ch Freq 2.5075 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.3 dB, Center 2.507500 GHz, Span 30 MHz, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 5 s (5000 pts).

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**1.35. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:507000, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2535                   | 99            | 26            | 0.03      | Peak     | 14.09     | 14.51               | 15                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 2.535 GHz, and the span is 30 MHz. The occupied bandwidth is measured as 14.0912 MHz. The power is 99.00% and the XdB bandwidth is 14.511 MHz. The XdB down is -26.00 dB. The transmit frequency error is -7.262 kHz. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 14.0912 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: -7.262 kHz  
x dB Bandwidth: 14.511 MHz

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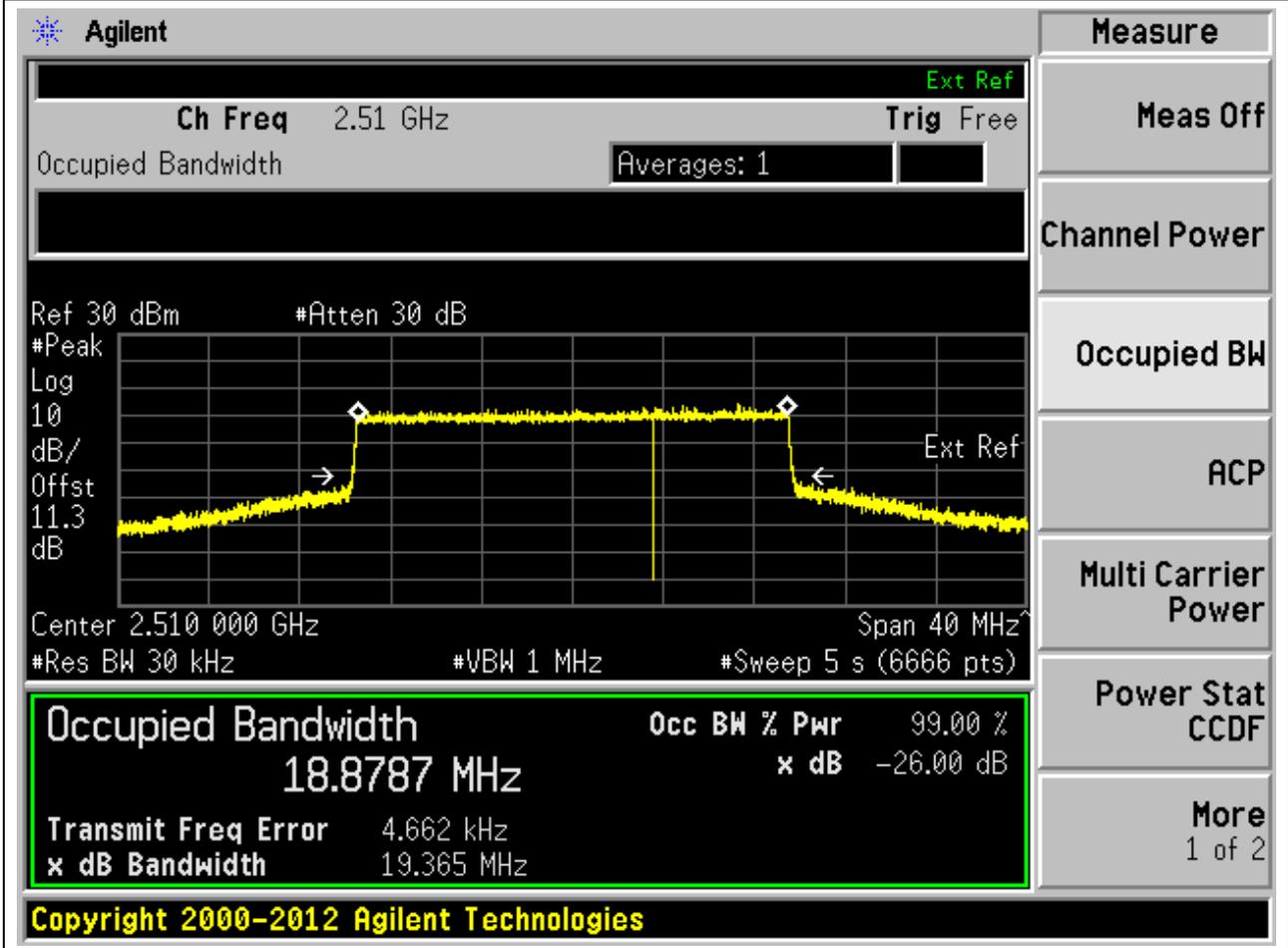
**1.36. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:512500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2562.5                 | 99            | 26            | 0.03      | Peak     | 14.08     | 14.52               | 15                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.5625 GHz, and the span is 30 MHz. The occupied bandwidth is highlighted in a green box, showing 14.0828 MHz. The power is 99.00% and the XdB down is -26.00 dB. The transmit frequency error is -8.948 kHz. The XdB bandwidth is 14.522 MHz. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

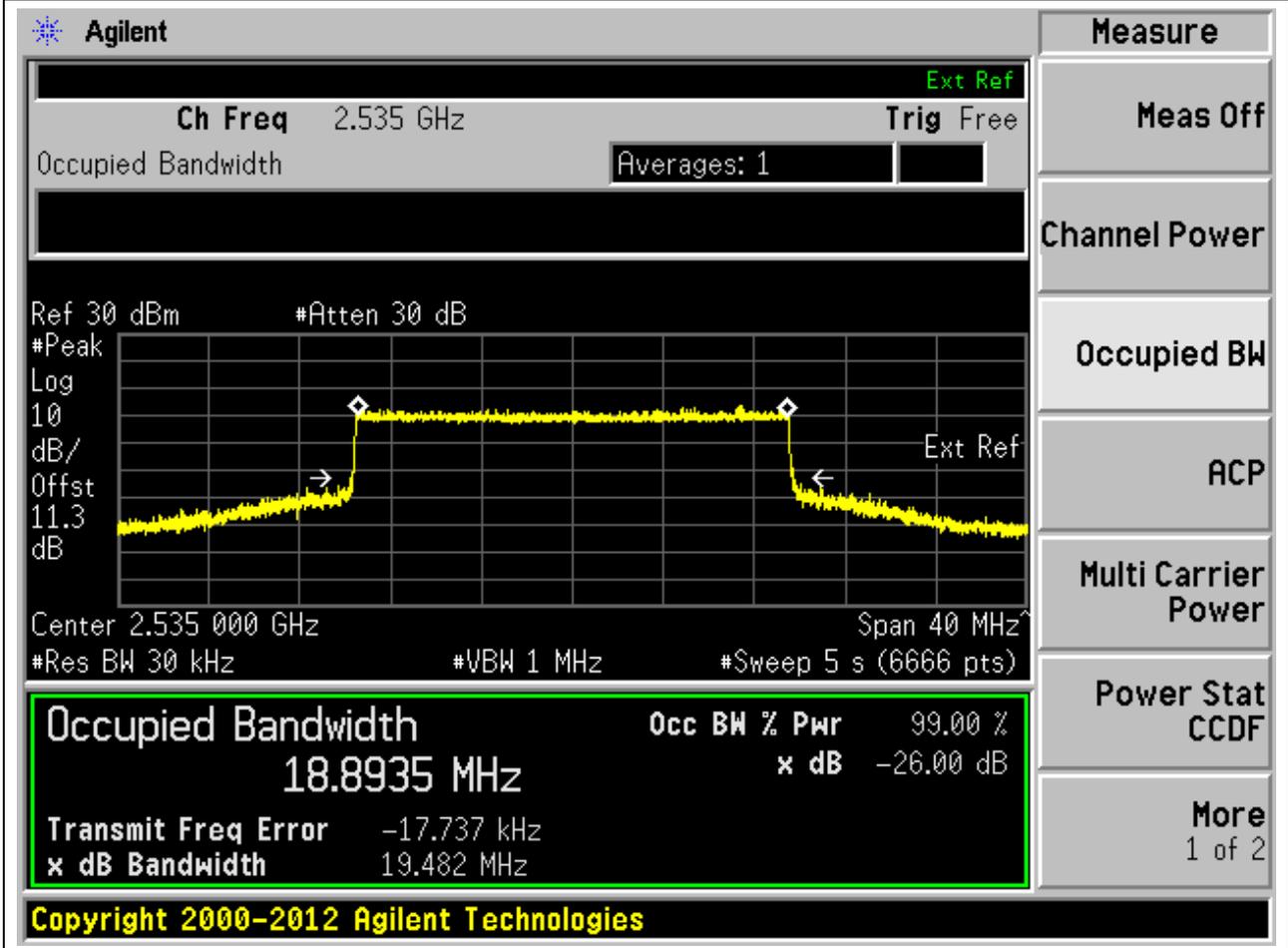
**1.37. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:502000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2510                   | 99            | 26            | 0.03      | Peak     | 18.88     | 19.37               | 20                | Pass    |



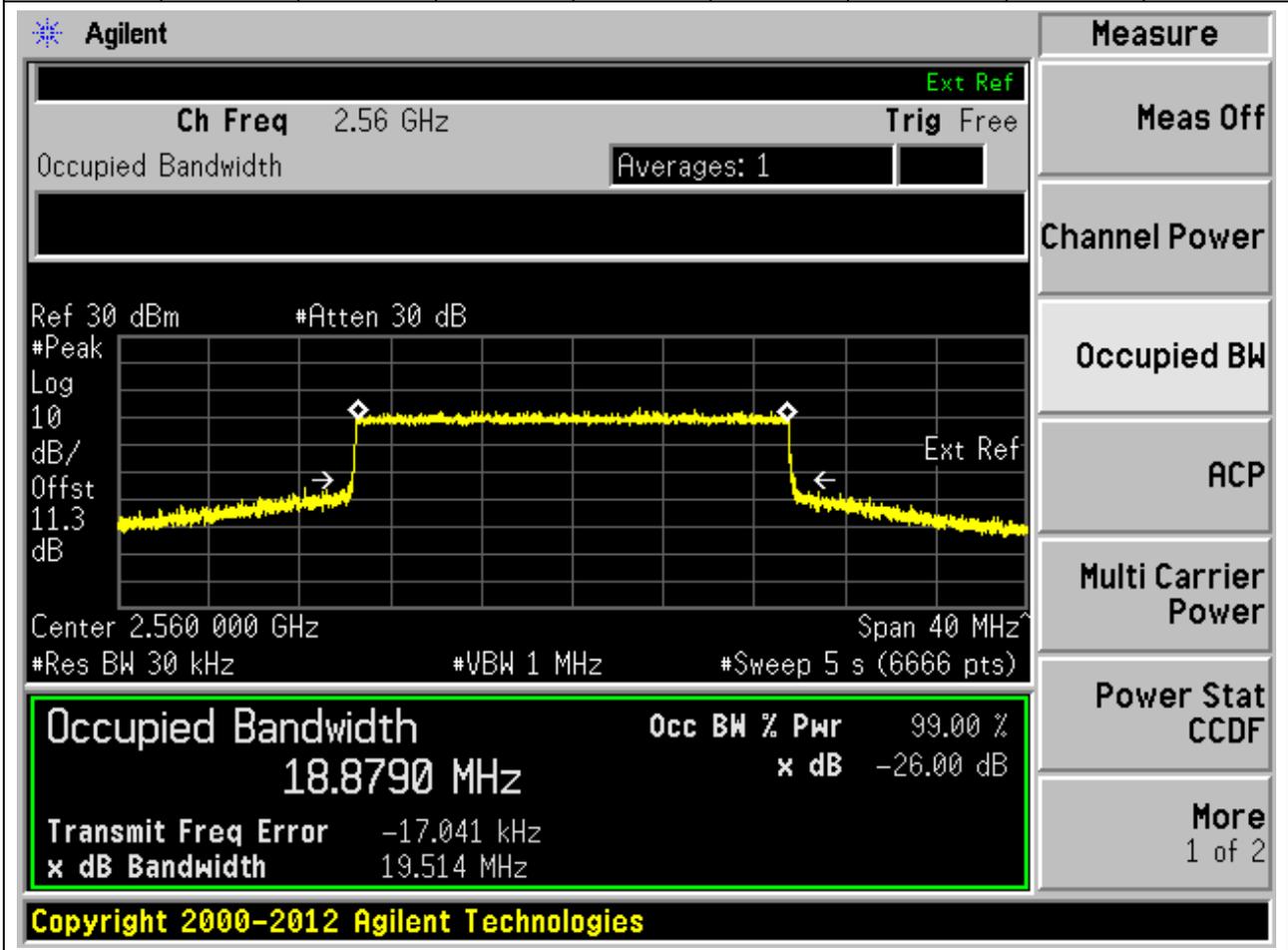
**1.38. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:507000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2535                   | 99            | 26            | 0.03      | Peak     | 18.89     | 19.48               | 20                | Pass    |



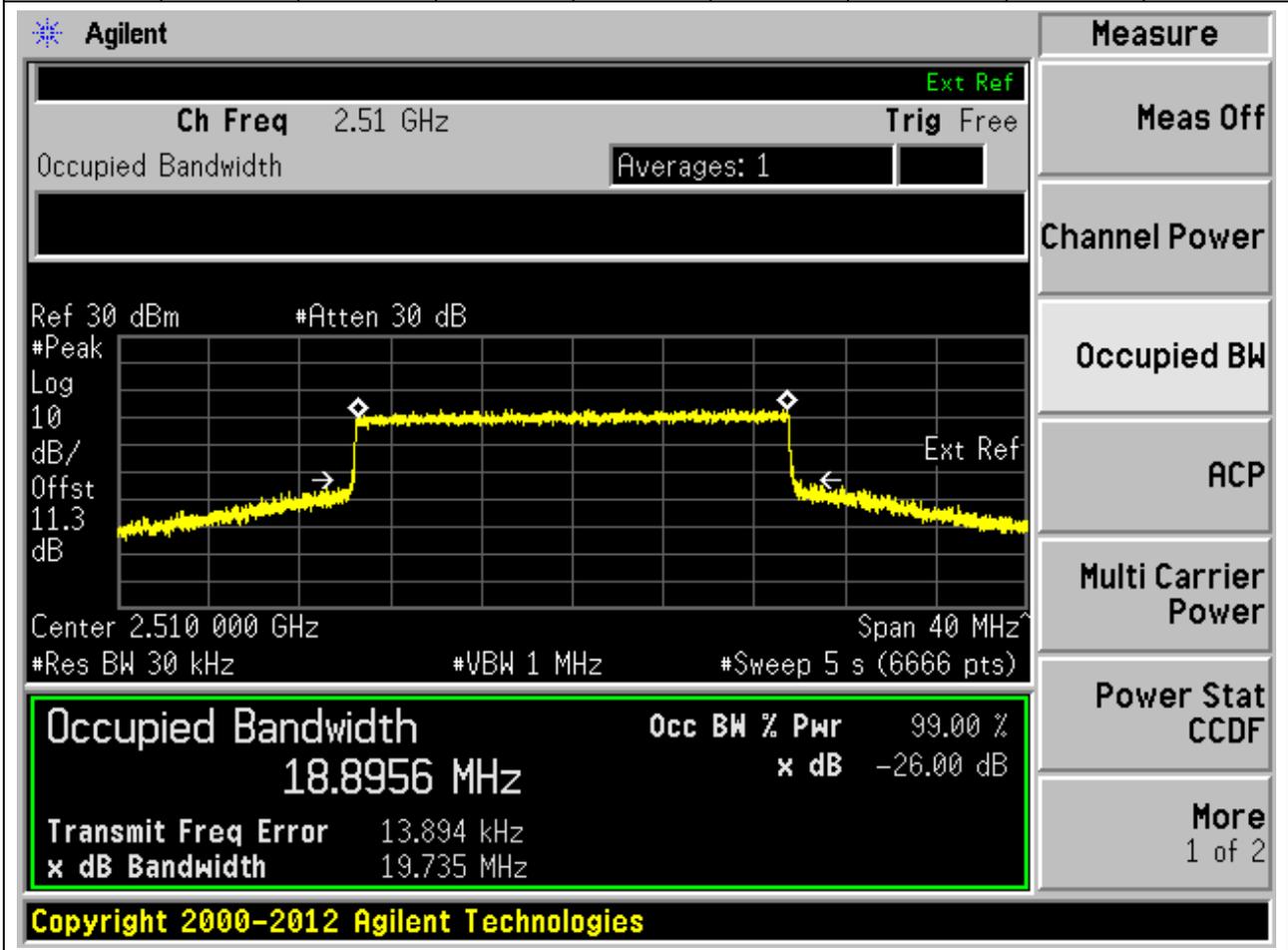
**1.39. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:512000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2560                   | 99            | 26            | 0.03      | Peak     | 18.88     | 19.51               | 20                | Pass    |



**1.40. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:502000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2510                   | 99            | 26            | 0.03      | Peak     | 18.9      | 19.74               | 20                | Pass    |



**1.41. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:507000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2535                   | 99            | 26            | 0.03      | Peak     | 18.92     | 19.64               | 20                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The results are as follows:

| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 18.9184 MHz |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | 2.756 kHz   |
| x dB Bandwidth      | 19.643 MHz  |

Other visible parameters include: Ch Freq 2.535 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.3 dB, Center 2.535 000 GHz, Span 40 MHz, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 5 s (6666 pts).

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**1.42. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:512000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2560                   | 99            | 26            | 0.03      | Peak     | 18.9      | 19.51               | 20                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a yellow signal trace on a grid. The center frequency is 2.56 GHz, and the span is 40 MHz. The occupied bandwidth is highlighted as 18.9043 MHz. The power is 99.00% and the XdB bandwidth is 19.509 MHz. The XdB down is -26.00 dB. The transmit frequency error is 4.349 kHz. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

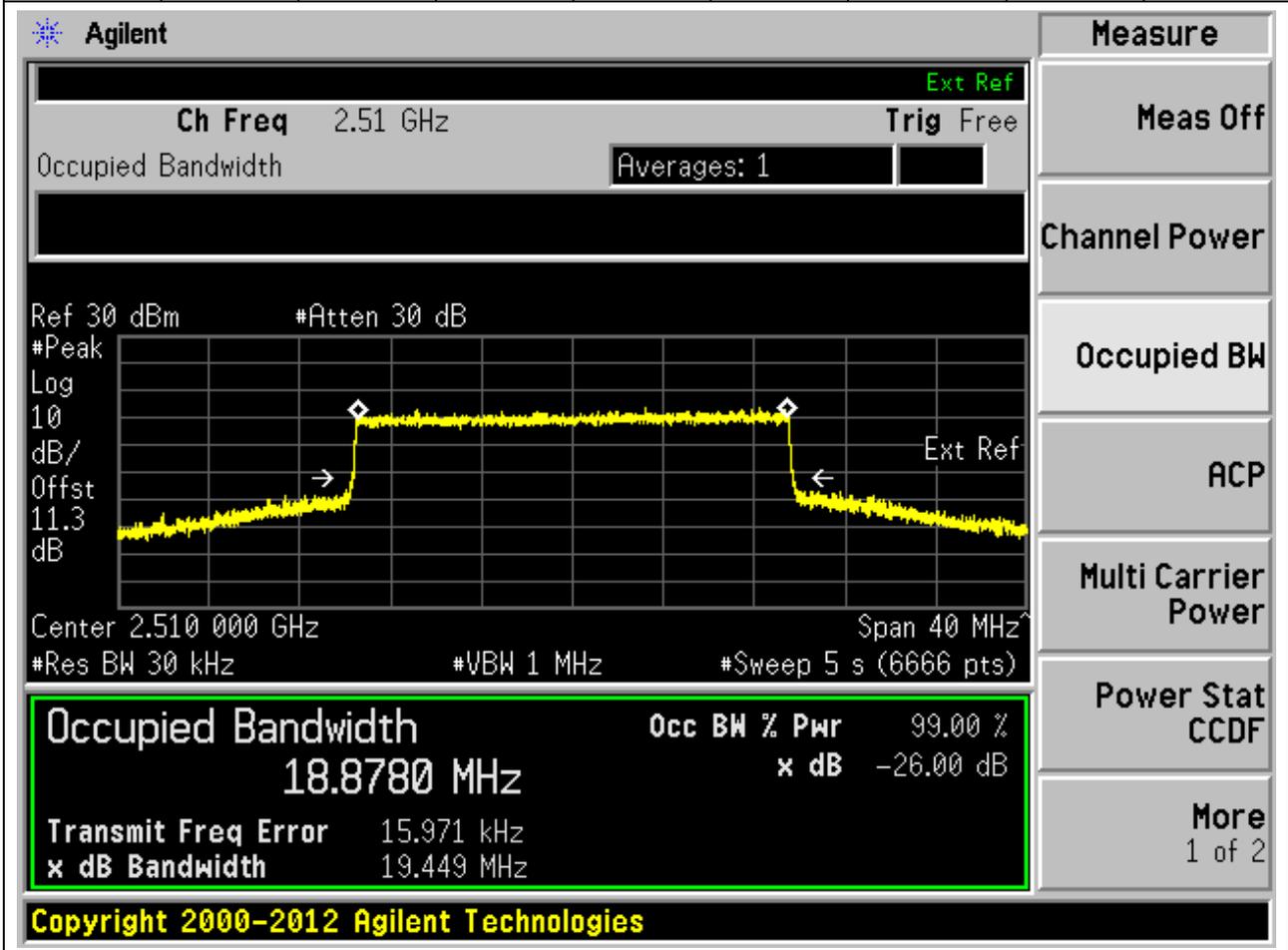
| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 18.9043 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: 4.349 kHz  
x dB Bandwidth: 19.509 MHz

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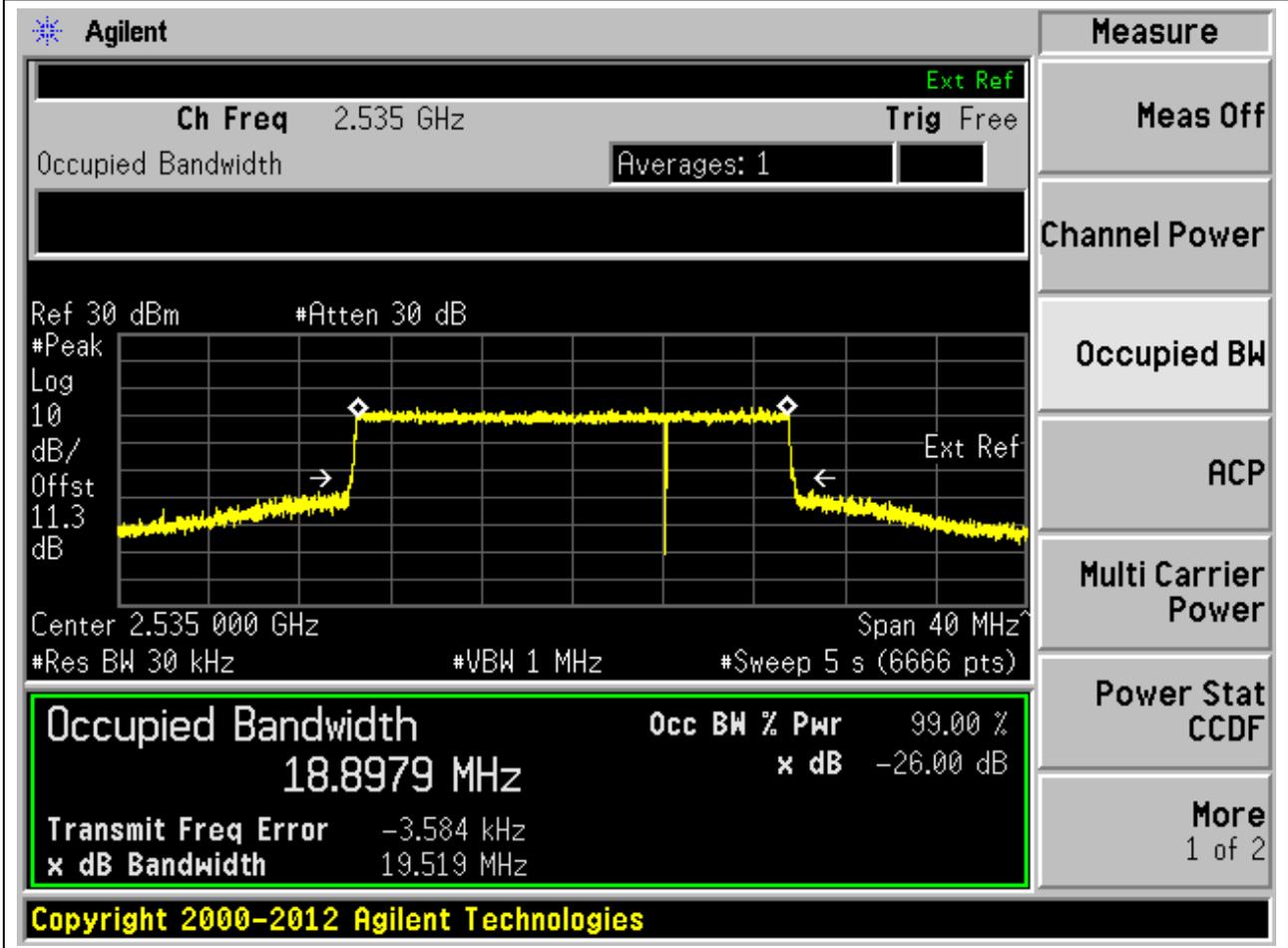
**1.43. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:502000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2510                   | 99            | 26            | 0.03      | Peak     | 18.88     | 19.45               | 20                | Pass    |



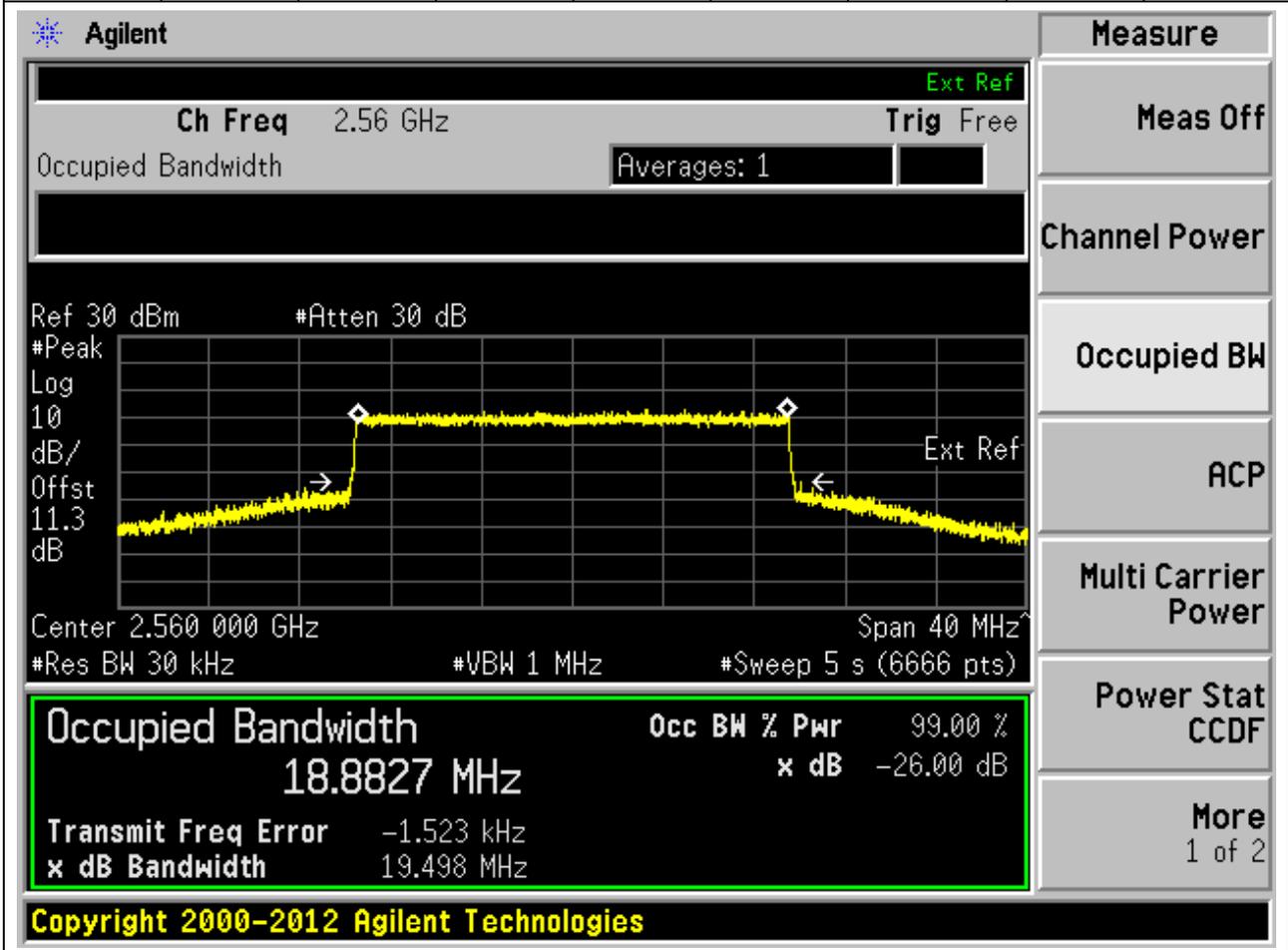
**1.44. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:507000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2535                   | 99            | 26            | 0.03      | Peak     | 18.9      | 19.52               | 20                | Pass    |



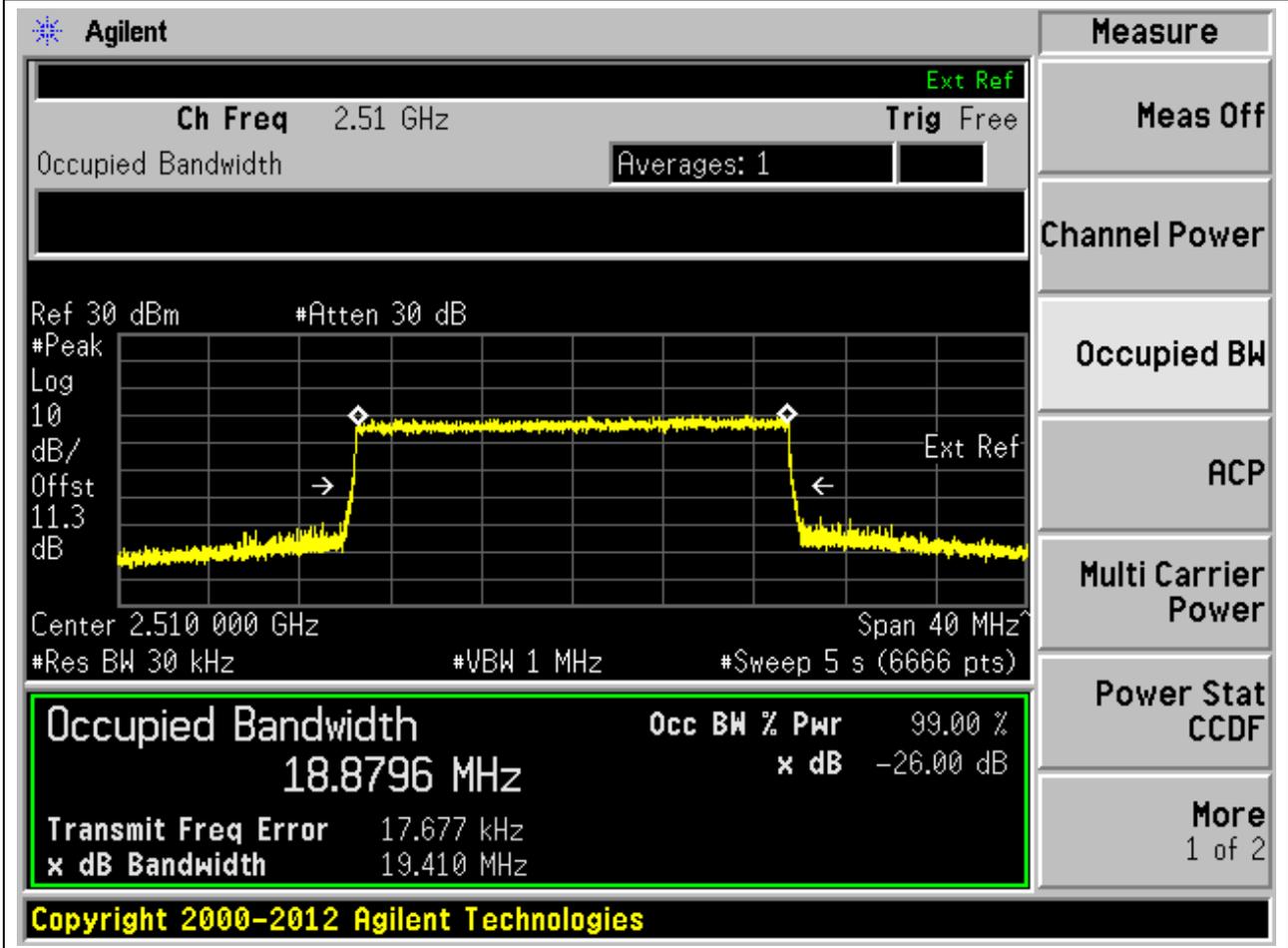
**1.45. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:512000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2560                   | 99            | 26            | 0.03      | Peak     | 18.88     | 19.5                | 20                | Pass    |



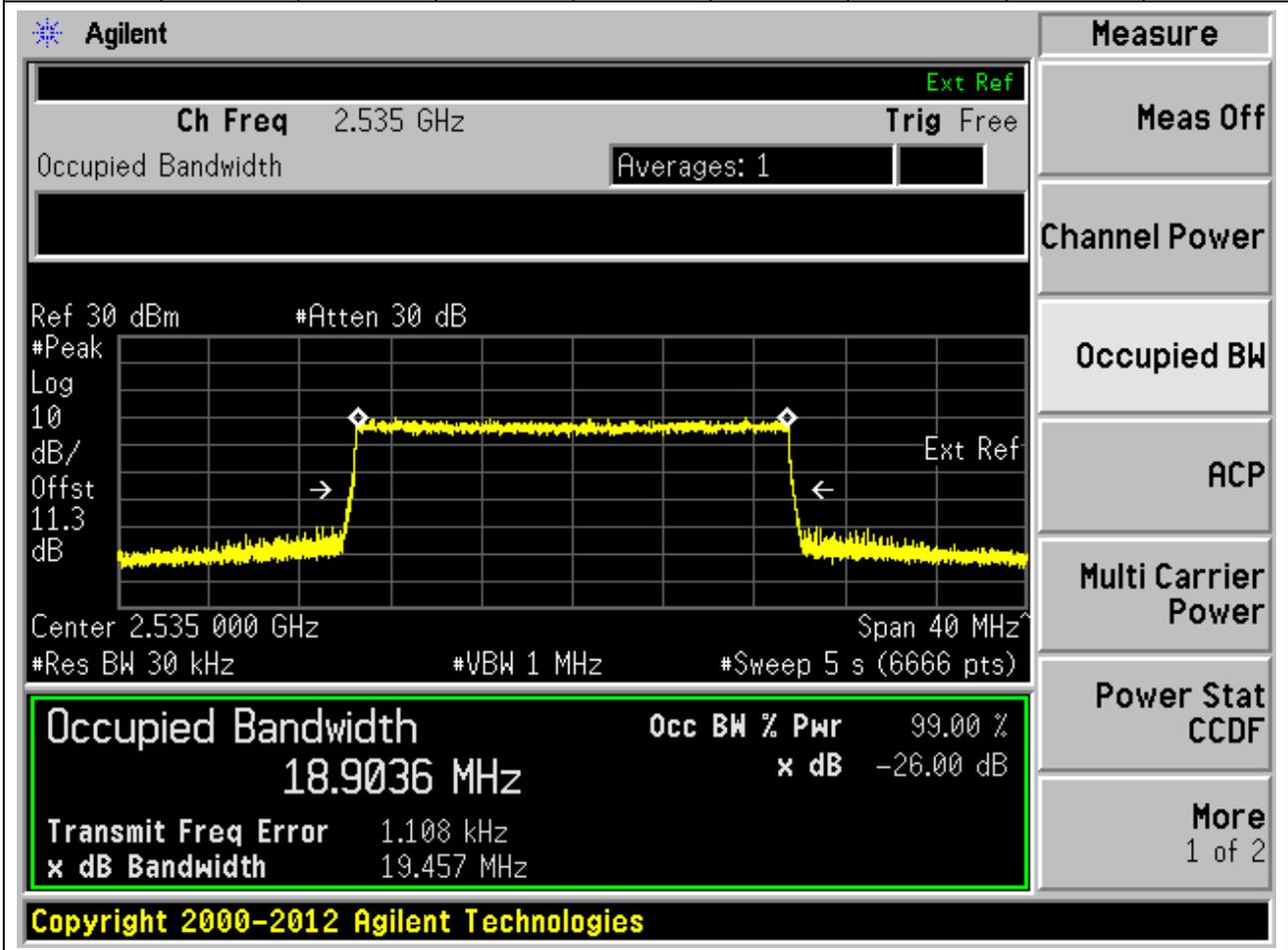
**1.46. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:502000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2510                   | 99            | 26            | 0.03      | Peak     | 18.88     | 19.41               | 20                | Pass    |



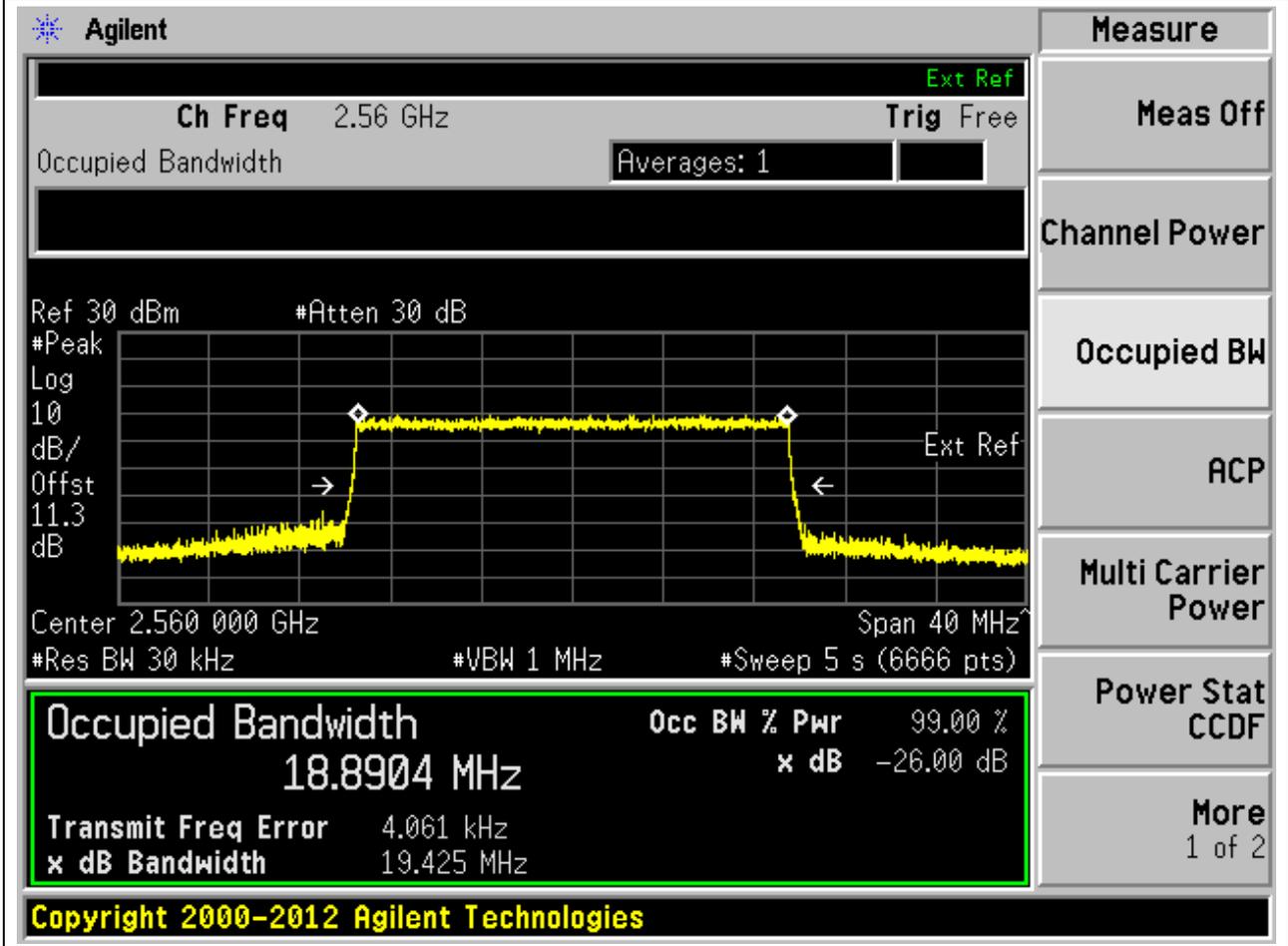
**1.47. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:507000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2535                   | 99            | 26            | 0.03      | Peak     | 18.9      | 19.46               | 20                | Pass    |



**1.48. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:512000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2560                   | 99            | 26            | 0.03      | Peak     | 18.89     | 19.42               | 20                | Pass    |



**1.49. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:502500, Bandwidth:25, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2512.5                 | 99            | 26            | 1         | Peak     | 24.05     | 26.55               | 25                | Pass    |

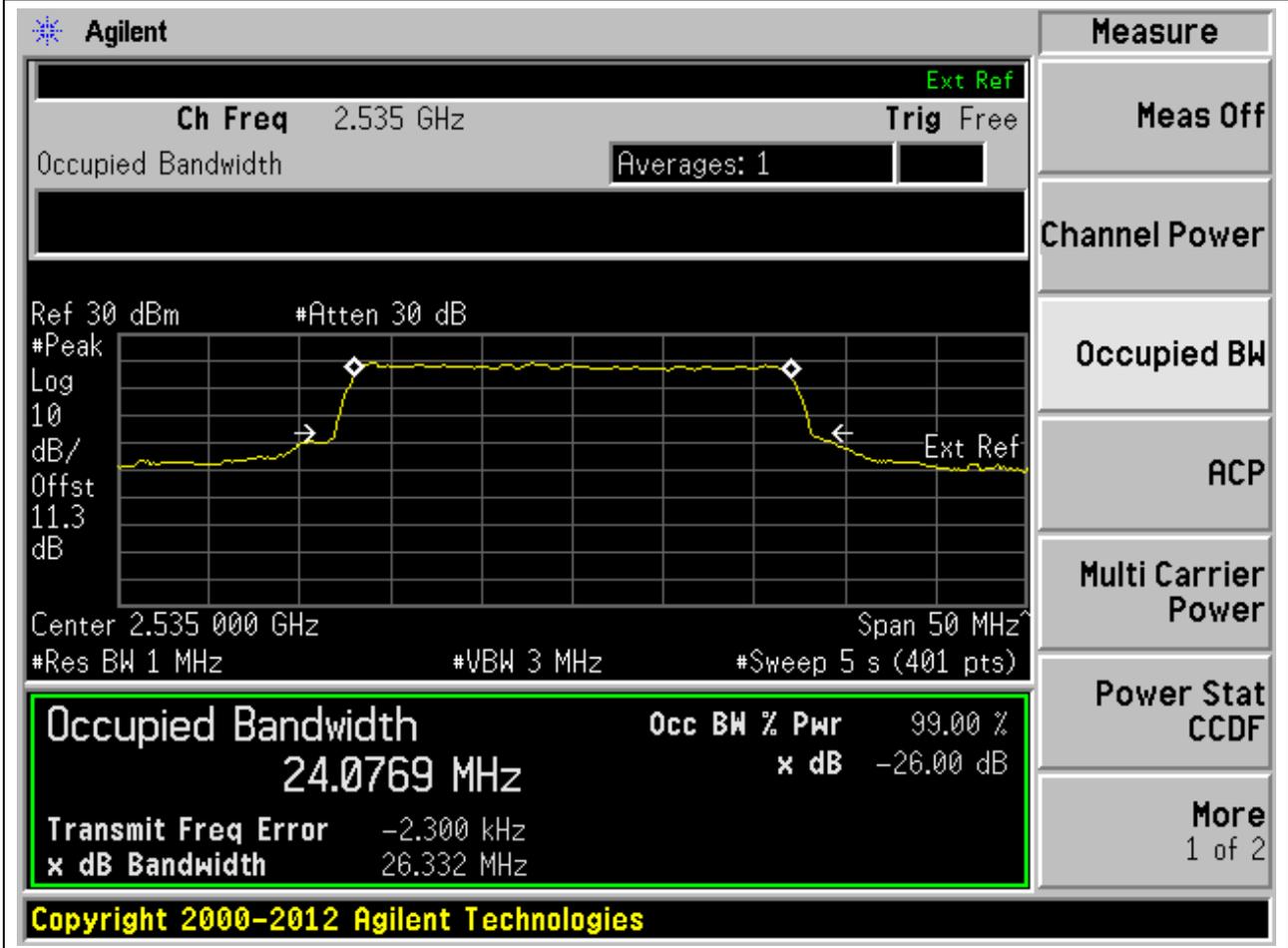
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is titled 'Occupied Bandwidth' and shows a signal centered at 2.5125 GHz. The plot parameters include: Center 2.512 500 GHz, Span 50 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts). The plot shows a signal with a peak level of approximately 30 dBm and a bandwidth of 24.0478 MHz. The XdB Down is set to 26 dB. The plot also shows the 'Ext Ref' level at approximately -26 dB. The 'Occupied Bandwidth' measurement is highlighted in a green box, showing a value of 24.0478 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is 47.299 kHz and the 'x dB Bandwidth' is 26.552 MHz. The 'Measure' menu on the right includes options for Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 24.0478 MHz        | 99.00 %      | -26.00 dB |

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**1.50. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:507000, Bandwidth:25, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2535                   | 99            | 26            | 1         | Peak     | 24.08     | 26.33               | 25                | Pass    |



**1.51. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:511500, Bandwidth:25, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2557.5                 | 99            | 26            | 1         | Peak     | 24.05     | 26.46               | 25                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The results are as follows:

| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 24.0546 MHz |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | 6.446 kHz   |
| x dB Bandwidth      | 26.461 MHz  |

Other visible parameters include: Ch Freq 2.5575 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.3 dB, Center 2.557 500 GHz, Span 50 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

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**1.52. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:502500, Bandwidth:25, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:133, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2512.5                 | 99            | 26            | 1         | Peak     | 24.17     | 27.17               | 25                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The measurement results are as follows:

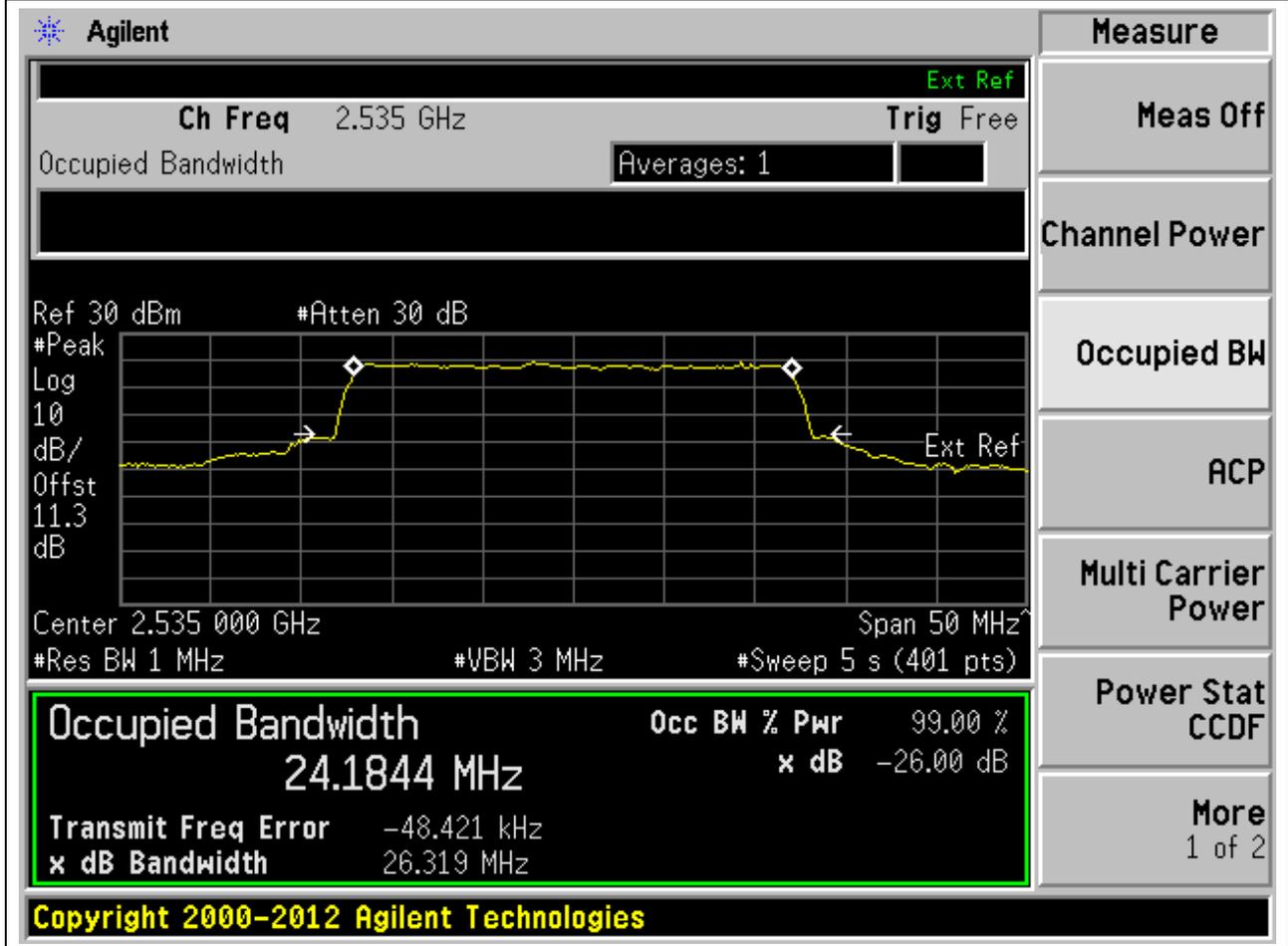
| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 24.1710 MHz |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | 3.513 kHz   |
| x dB Bandwidth      | 27.171 MHz  |

Additional parameters shown in the interface include: Ch Freq 2.5125 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.2 dB, Center 2.512 500 GHz, Span 50 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts). The 'Measure' menu on the right includes options like Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

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**1.53. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:507000, Bandwidth:25, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:133, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2535                   | 99            | 26            | 1         | Peak     | 24.18     | 26.32               | 25                | Pass    |



**1.54. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:511500, Bandwidth:25, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:133, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2557.5                 | 99            | 26            | 1         | Peak     | 24.15     | 26.31               | 25                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The measurement results are as follows:

| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 24.1468 MHz |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | -30.182 kHz |
| x dB Bandwidth      | 26.312 MHz  |

Additional parameters shown in the interface include: Ch Freq 2.5575 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.3 dB, Center 2.557 500 GHz, Span 50 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

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**1.55. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:502500, Bandwidth:25, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:133, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2512.5                 | 99            | 26            | 1         | Peak     | 24.06     | 27.14               | 25                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The results are as follows:

| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 24.0593 MHz |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | 10.231 kHz  |
| x dB Bandwidth      | 27.144 MHz  |

Additional parameters shown in the interface include: Ch Freq 2.5125 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log, 10 dB/Offst, 11.2 dB, Center 2.512 500 GHz, Span 50 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

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**1.56. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:507000, Bandwidth:25, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:133, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2535                   | 99            | 26            | 1         | Peak     | 24.18     | 27.03               | 25                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The measurement results are as follows:

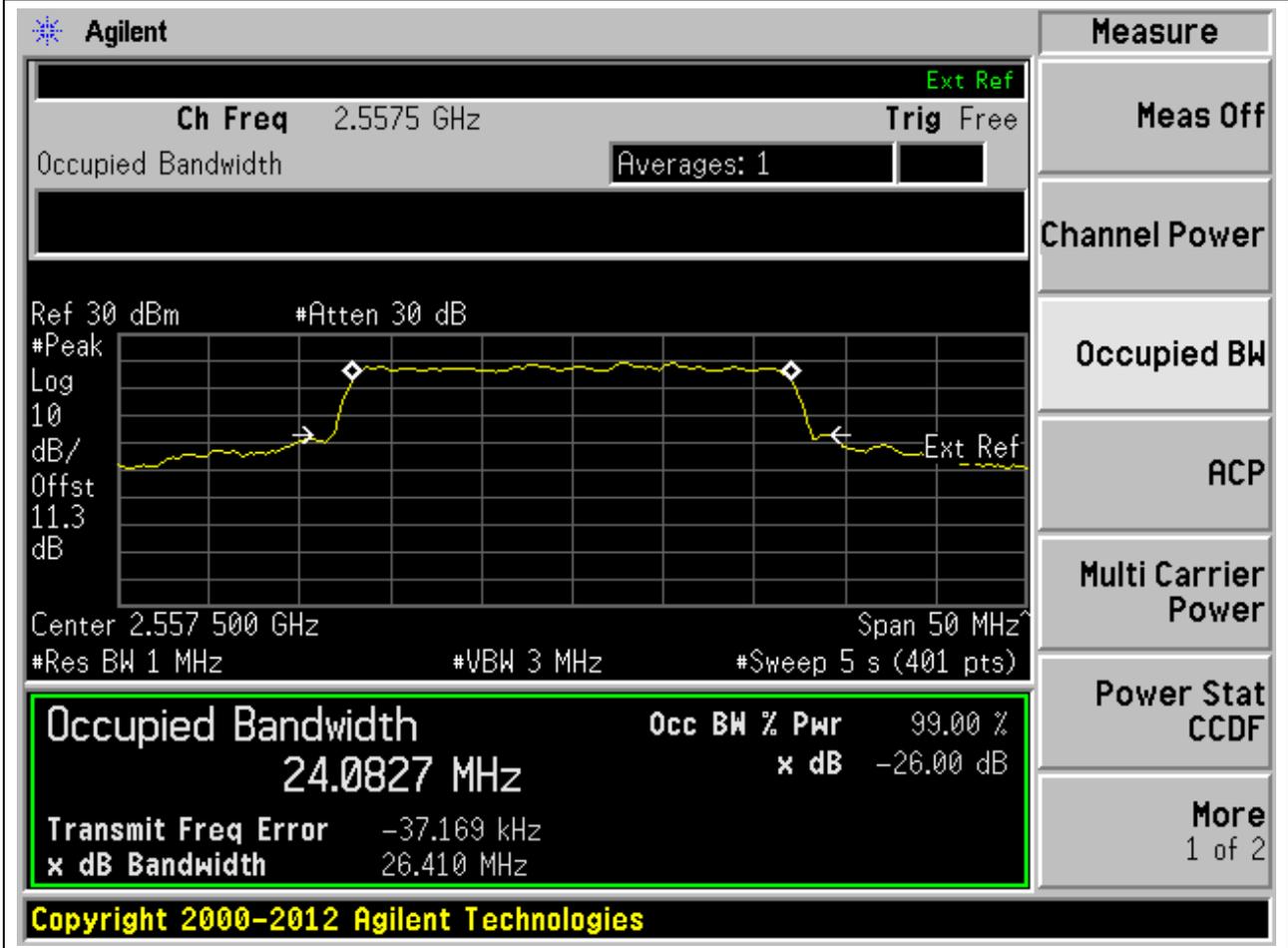
| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 24.1788 MHz |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | -3.203 kHz  |
| x dB Bandwidth      | 27.026 MHz  |

Additional parameters shown in the interface include: Ch Freq 2.535 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log 10 dB/Offst 11.3 dB, Center 2.535 000 GHz, Span 50 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts). The 'Measure' menu on the right includes options like Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

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**1.57. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:511500, Bandwidth:25, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:133, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2557.5                 | 99            | 26            | 1         | Peak     | 24.08     | 26.41               | 25                | Pass    |



**1.58. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:502500, Bandwidth:25, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:133, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2512.5                 | 99            | 26            | 1         | Peak     | 24.1      | 26.17               | 25                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The results are as follows:

| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 24.1014 MHz |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | 82.214 kHz  |
| x dB Bandwidth      | 26.167 MHz  |

Additional parameters shown in the interface include: Ch Freq 2.5125 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst, 11.2 dB, Center 2.512 500 GHz, Span 50 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

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**1.59. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:507000, Bandwidth:25, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:133, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2535                   | 99            | 26            | 1         | Peak     | 24.18     | 26.21               | 25                | Pass    |

Agilent
Measure

Ch Freq 2.535 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.535 000 GHz Span 50 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**Occupied Bandwidth**

**24.1839 MHz**

**Occ BW % Pwr** 99.00 %

**x dB** -26.00 dB

Transmit Freq Error 22.897 kHz

x dB Bandwidth 26.208 MHz

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**1.60. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:511500, Bandwidth:25, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:133, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2557.5                 | 99            | 26            | 1         | Peak     | 24.12     | 26.18               | 25                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 2.5575 GHz. The main display shows a spectrum plot with a yellow trace. The plot parameters include a reference level of 30 dBm, a peak level of 10 dB, and an offset of 11.3 dB. The occupied bandwidth is highlighted in a green box, showing a value of 24.1249 MHz. The percentage of power within this bandwidth is 99.00%, and the XdB bandwidth is -26.00 dB. The transmit frequency error is 46.536 kHz, and the XdB bandwidth is 26.183 MHz. The interface also shows various measurement settings like Res BW (1 MHz), VBW (3 MHz), and Sweep (5 s).

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 24.1249 MHz        | 99.00 %      | -26.00 dB |

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**1.61. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:503000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:160, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2515                   | 99            | 26            | 1         | Peak     | 28.74     | 31.09               | 30                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 2.515 GHz, and the span is 60 MHz. The occupied bandwidth is measured as 28.7428 MHz. The power is 99.00% and the XdB bandwidth is 31.092 MHz. The XdB down is -26.00 dB. The transmit frequency error is 17.229 kHz. The interface includes a 'Measure' panel on the right with buttons for 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

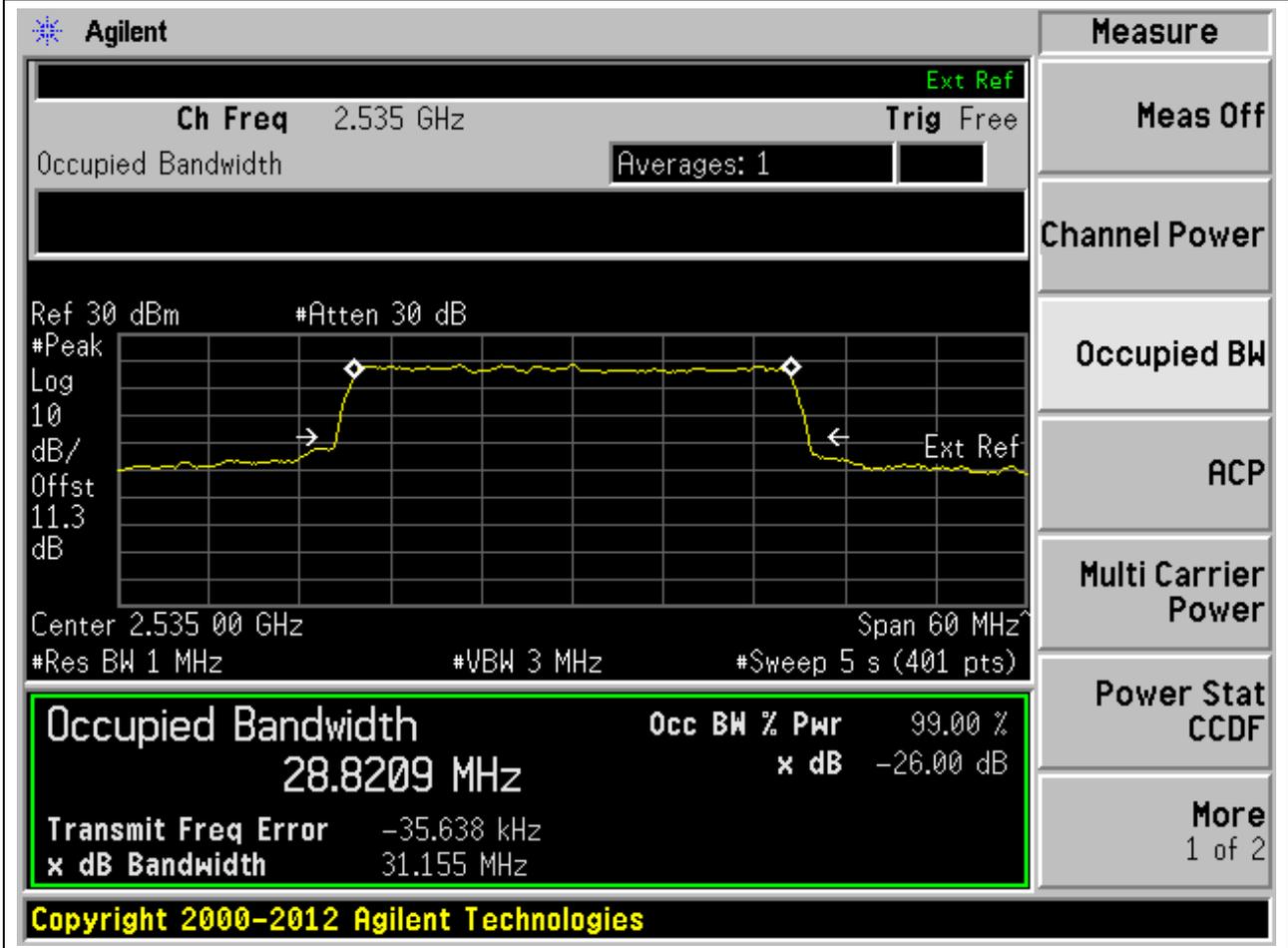
| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 28.7428 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: 17.229 kHz  
x dB Bandwidth: 31.092 MHz

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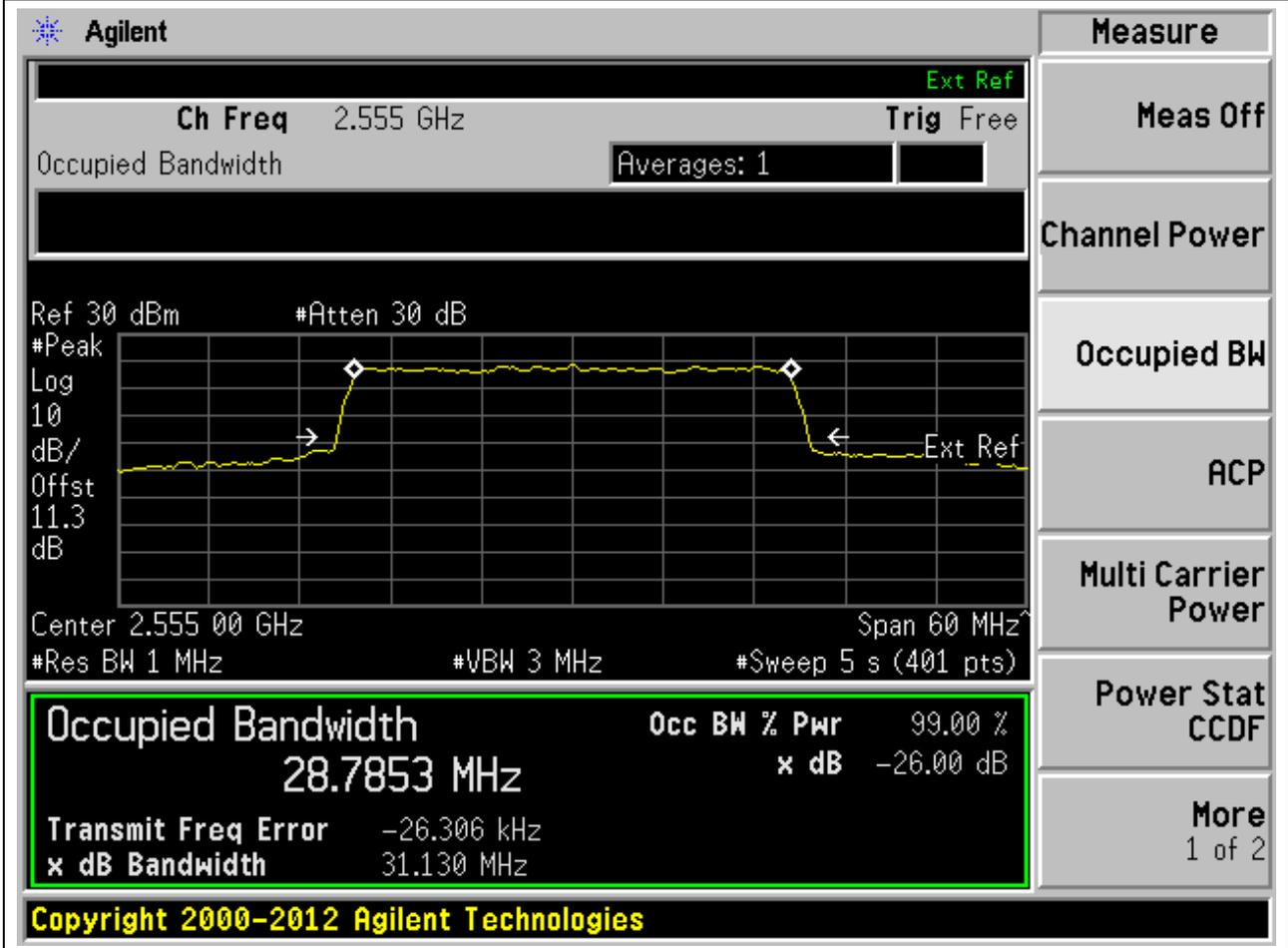
**1.62. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:507000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:160, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2535                   | 99            | 26            | 1         | Peak     | 28.82     | 31.16               | 30                | Pass    |



**1.63. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:511000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:160, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2555                   | 99            | 26            | 1         | Peak     | 28.79     | 31.13               | 30                | Pass    |



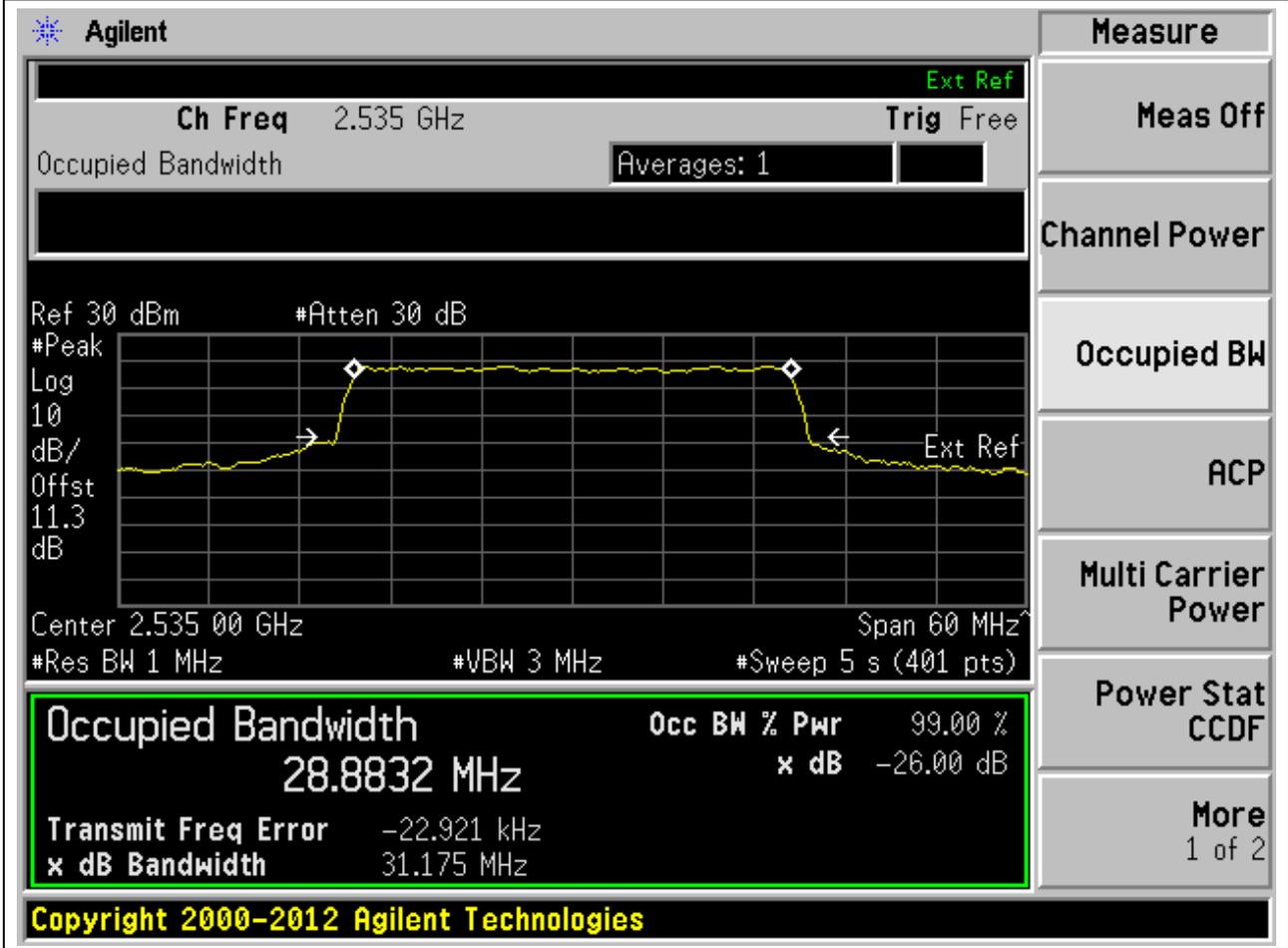
**1.64. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:503000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:160, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2515                   | 99            | 26            | 1         | Peak     | 28.79     | 31.13               | 30                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 2.515 GHz. The main display shows a spectrum plot with a yellow trace. The plot parameters are: Center 2.515 00 GHz, Span 60 MHz, Res BW 1 MHz, VBW 3 MHz, Sweep 5 s (401 pts). The plot shows a signal with a peak at approximately 28.79 MHz. The XdB Down is set to 26 dB. The Occupied Bandwidth is measured as 28.7887 MHz. The Occ BW % Pwr is 99.00% and the x dB is -26.00 dB. The Transmit Freq Error is 22.979 kHz and the x dB Bandwidth is 31.131 MHz. The interface includes a 'Measure' menu on the right with options like Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More. The bottom of the screen shows the copyright notice: Copyright 2000-2012 Agilent Technologies.

**1.65. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:507000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:160, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2535                   | 99            | 26            | 1         | Peak     | 28.88     | 31.18               | 30                | Pass    |



**1.66. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:511000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:160, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2555                   | 99            | 26            | 1         | Peak     | 28.82     | 31.21               | 30                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The measurement results are as follows:

| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 28.8248 MHz |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | -4.328 kHz  |
| x dB Bandwidth      | 31.212 MHz  |

Additional parameters shown in the interface include: Ch Freq 2.555 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.3 dB, Center 2.555 00 GHz, Span 60 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

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**1.67. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:503000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:160, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2515                   | 99            | 26            | 1         | Peak     | 28.83     | 31.47               | 30                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The measurement results are as follows:

| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 28.8294 MHz |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | 19.885 kHz  |
| x dB Bandwidth      | 31.470 MHz  |

Additional parameters shown in the interface include: Ch Freq 2.515 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.2 dB, Center 2.515 00 GHz, Span 60 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

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**1.68. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:507000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:160, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2535                   | 99            | 26            | 1         | Peak     | 28.93     | 33.11               | 30                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.535 GHz, and the span is 60 MHz. The occupied bandwidth is highlighted in a green box, showing 28.9346 MHz. The power is 99.00% and the XdB bandwidth is 33.105 MHz. The XdB down is -26.00 dB. The transmit frequency error is -36.710 kHz. The interface also shows various measurement settings like Res BW (1 MHz), VBW (3 MHz), and Sweep (5 s).

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 28.9346 MHz        | 99.00 %      | -26.00 dB |

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**1.69. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:511000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:160, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2555                   | 99            | 26            | 1         | Peak     | 28.87     | 33.21               | 30                | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 2.555 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.555 00 GHz Span 60 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

|                            |                             |
|----------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> 99.00 % |
| 28.8695 MHz                | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> | -18.310 kHz                 |
| <b>x dB Bandwidth</b>      | 33.210 MHz                  |

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**1.70. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:503000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:160, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2515                   | 99            | 26            | 1         | Peak     | 28.89     | 31.1                | 30                | Pass    |

Agilent
Measure

Ch Freq 2.515 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.515 00 GHz Span 60 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**Occupied Bandwidth**

**28.8920 MHz**

Transmit Freq Error -5.682 kHz

x dB Bandwidth 31.097 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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**1.71. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:507000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:160, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2535                   | 99            | 26            | 1         | Peak     | 29.01     | 31.14               | 30                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.535 GHz, and the span is 60 MHz. The occupied bandwidth is measured as 29.0079 MHz. The power is 99.00% and the XdB down is -26.00 dB. The transmit frequency error is -51.941 kHz, and the XdB bandwidth is 31.140 MHz. The interface includes a 'Measure' panel on the right with buttons for 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 29.0079 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: -51.941 kHz  
 x dB Bandwidth: 31.140 MHz

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**1.72. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:511000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:160, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2555                   | 99            | 26            | 1         | Peak     | 28.94     | 31.12               | 30                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.555 GHz, and the span is 60 MHz. The occupied bandwidth is measured as 28.9447 MHz. The power is 99.00% and the XdB down is -26.00 dB. The transmit frequency error is -34.684 kHz, and the XdB bandwidth is 31.123 MHz. The interface includes a 'Measure' panel on the right with buttons for 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 28.9447 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: -34.684 kHz  
 x dB Bandwidth: 31.123 MHz

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**1.73. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:504000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2520                   | 99            | 26            | 1         | Peak     | 38.68     | 41.22               | 40                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The results are as follows:

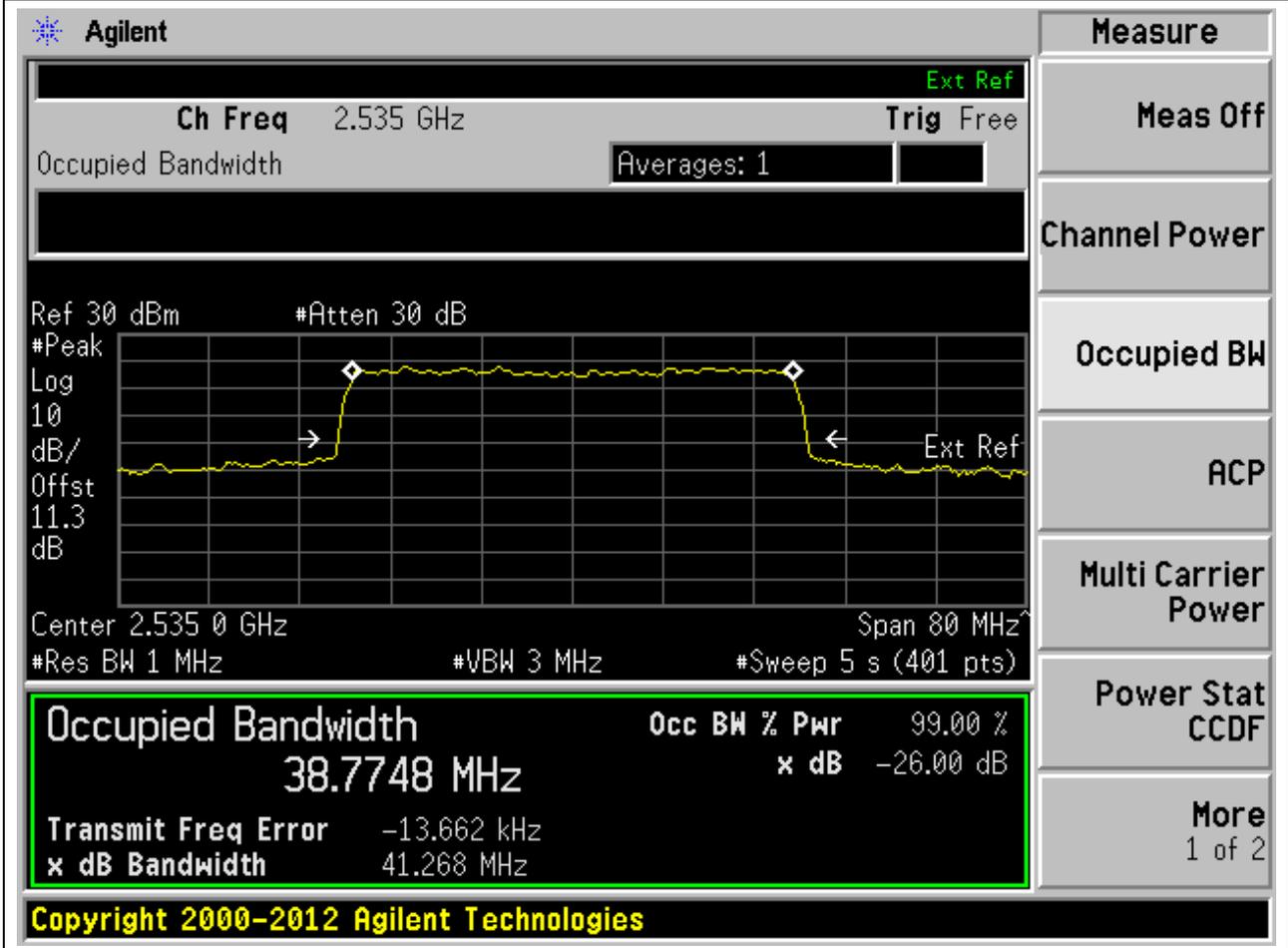
| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 38.6799 MHz |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | 23.787 kHz  |
| x dB Bandwidth      | 41.221 MHz  |

Additional parameters shown in the interface include: Ch Freq 2.52 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log, 10 dB/Offst, 11.2 dB, Center 2.520 0 GHz, Span 80 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

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**1.74. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:507000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2535                   | 99            | 26            | 1         | Peak     | 38.77     | 41.27               | 40                | Pass    |



**1.75. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:510000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2550                   | 99            | 26            | 1         | Peak     | 38.72     | 41.24               | 40                | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 2.55 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.5500 GHz Span 80 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

|                            |                             |
|----------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> 99.00 % |
| 38.7193 MHz                | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> | -6.992 kHz                  |
| <b>x dB Bandwidth</b>      | 41.238 MHz                  |

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**1.76. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:504000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:216, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2520                   | 99            | 26            | 1         | Peak     | 38.68     | 41.21               | 40                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.52 GHz, and the span is 80 MHz. The occupied bandwidth is highlighted in a green box with the following values:

|                            |                     |             |
|----------------------------|---------------------|-------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> | 99.00 %     |
| <b>38.6765 MHz</b>         | <b>x dB</b>         | -26.00 dB   |
| <b>Transmit Freq Error</b> |                     | -13.737 kHz |
| <b>x dB Bandwidth</b>      |                     | 41.210 MHz  |

Additional parameters shown include: Ch Freq 2.52 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log 10 dB/Offst 11.2 dB, Center 2.520 0 GHz, Span 80 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts). The right-hand side of the interface shows a 'Measure' menu with options: Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

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**1.77. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:507000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:216, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2535                   | 99            | 26            | 1         | Peak     | 38.8      | 41.24               | 40                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The results are as follows:

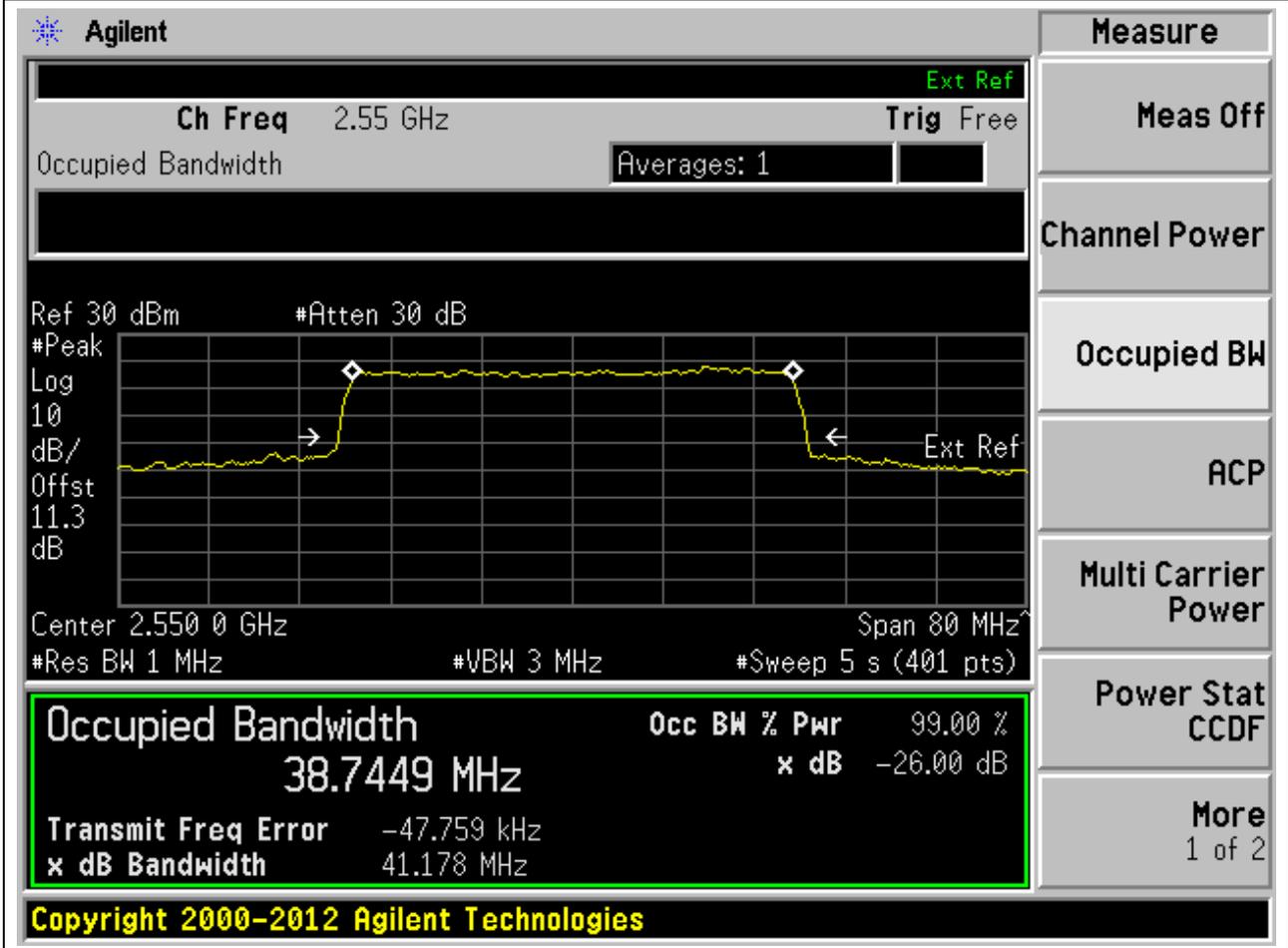
| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 38.7963 MHz |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | -50.759 kHz |
| x dB Bandwidth      | 41.244 MHz  |

Additional parameters shown in the interface include: Ch Freq 2.535 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log 10 dB/Offst 11.3 dB, Center 2.535 0 GHz, Span 80 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

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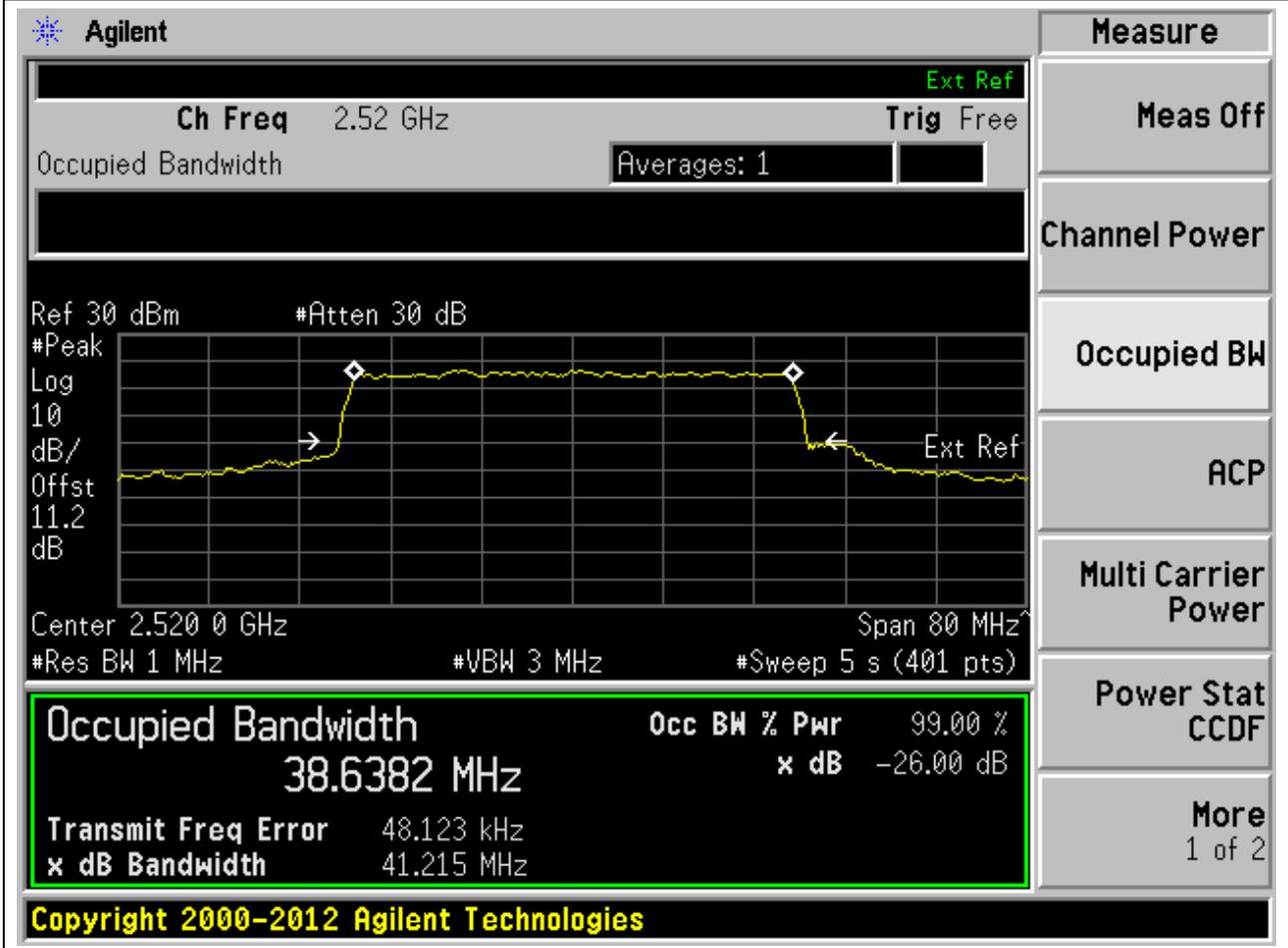
**1.78. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:510000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:216, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2550                   | 99            | 26            | 1         | Peak     | 38.74     | 41.18               | 40                | Pass    |



**1.79. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:504000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:216, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2520                   | 99            | 26            | 1         | Peak     | 38.64     | 41.21               | 40                | Pass    |



**1.80. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:507000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:216, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2535                   | 99            | 26            | 1         | Peak     | 38.8      | 43.08               | 40                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.535 GHz, and the span is 80 MHz. The occupied bandwidth is highlighted in a green box, showing 38.7992 MHz. The power is 99.00% and the XdB bandwidth is 43.084 MHz. The XdB down is -26.00 dB. The transmit frequency error is 5.030 kHz. The interface also shows various settings like Res BW (1 MHz), VBW (3 MHz), and Sweep (5 s).

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 38.7992 MHz        | 99.00 %      | -26.00 dB |

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**1.81. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:510000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:216, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2550                   | 99            | 26            | 1         | Peak     | 38.72     | 41.31               | 40                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.55 GHz, and the span is 80 MHz. The occupied bandwidth is highlighted in a green box with the following values:

|                            |                     |           |
|----------------------------|---------------------|-----------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> | 99.00 %   |
| <b>38.7184 MHz</b>         | <b>x dB</b>         | -26.00 dB |
| <b>Transmit Freq Error</b> | 13.056 kHz          |           |
| <b>x dB Bandwidth</b>      | 41.309 MHz          |           |

Additional parameters shown in the interface include: Ch Freq 2.55 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log 10 dB/Offst 11.3 dB, Center 2.550 0 GHz, Span 80 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts). The right-hand side of the interface shows a 'Measure' menu with options: Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

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**1.82. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:504000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:216, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2520                   | 99            | 26            | 1         | Peak     | 38.61     | 41.15               | 40                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The results are as follows:

| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 38.6074 MHz |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | 21.637 kHz  |
| x dB Bandwidth      | 41.152 MHz  |

Additional parameters shown in the interface include: Ch Freq 2.52 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.2 dB, Center 2.520 0 GHz, Span 80 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

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**1.83. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:507000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:216, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2535                   | 99            | 26            | 1         | Peak     | 38.76     | 41.18               | 40                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The measurement results are as follows:

| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 38.7637 MHz |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | -20.866 kHz |
| x dB Bandwidth      | 41.185 MHz  |

Additional parameters shown in the interface include: Ch Freq 2.535 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.3 dB, Center 2.535 0 GHz, Span 80 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

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**1.84. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:510000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:216, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2550                   | 99            | 26            | 1         | Peak     | 38.7      | 41.17               | 40                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The results are as follows:

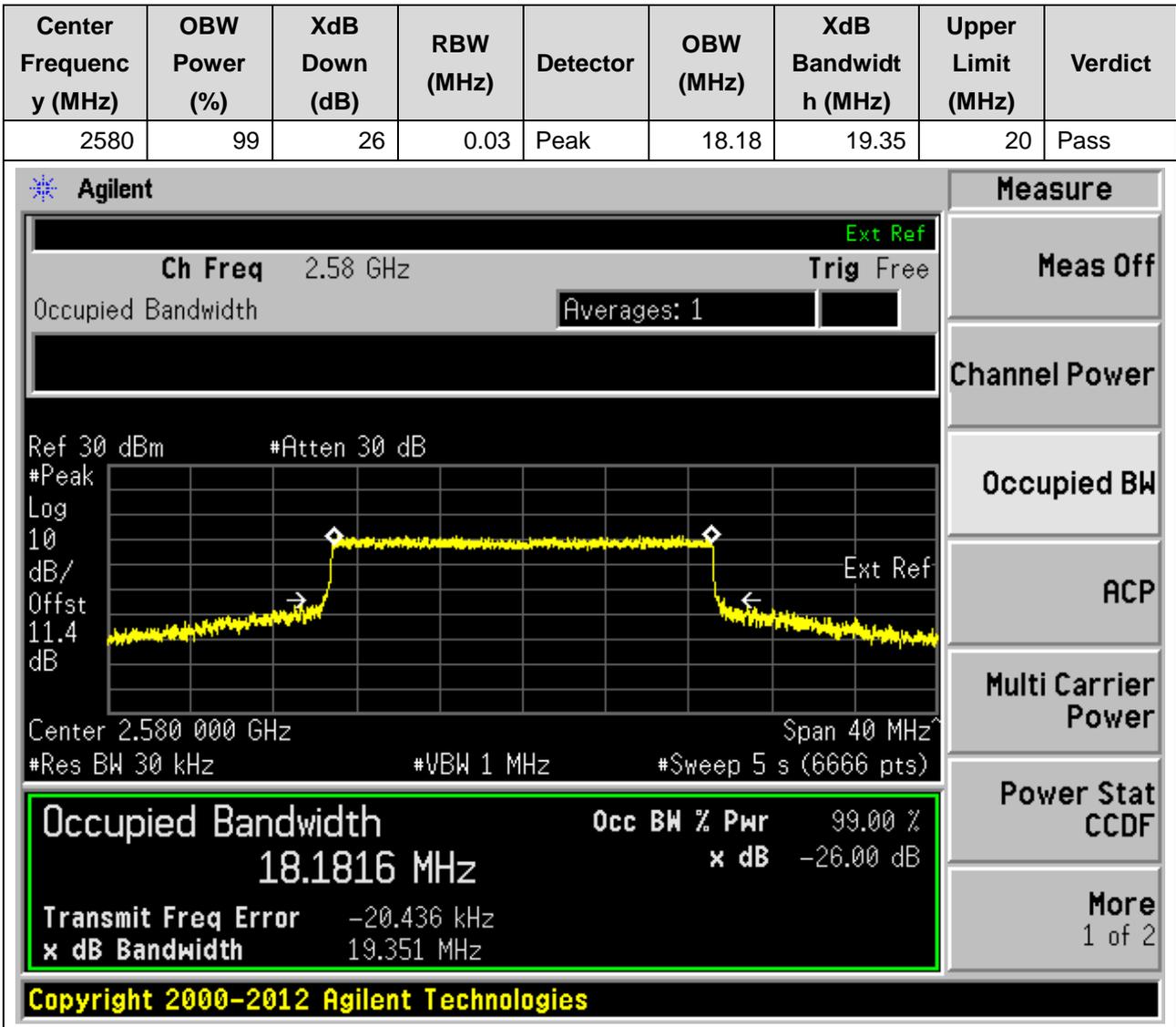
| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 38.7007 MHz |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | -11.386 kHz |
| x dB Bandwidth      | 41.174 MHz  |

Other visible parameters include: Ch Freq 2.55 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst, 11.3 dB, Center 2.550 0 GHz, Span 80 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

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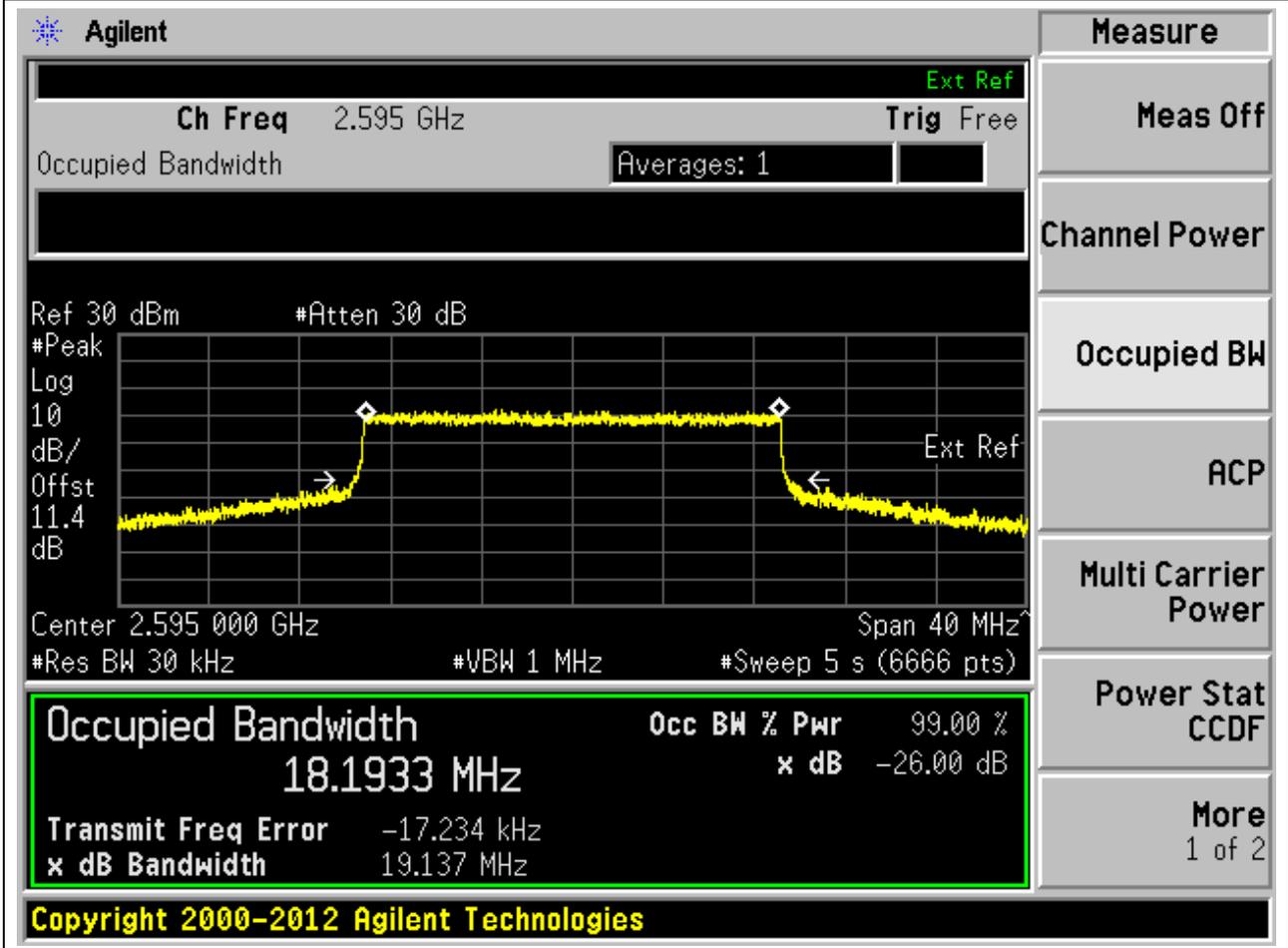
## 2. n38\_PC3

2.1. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:516000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:51, RB Position:0)



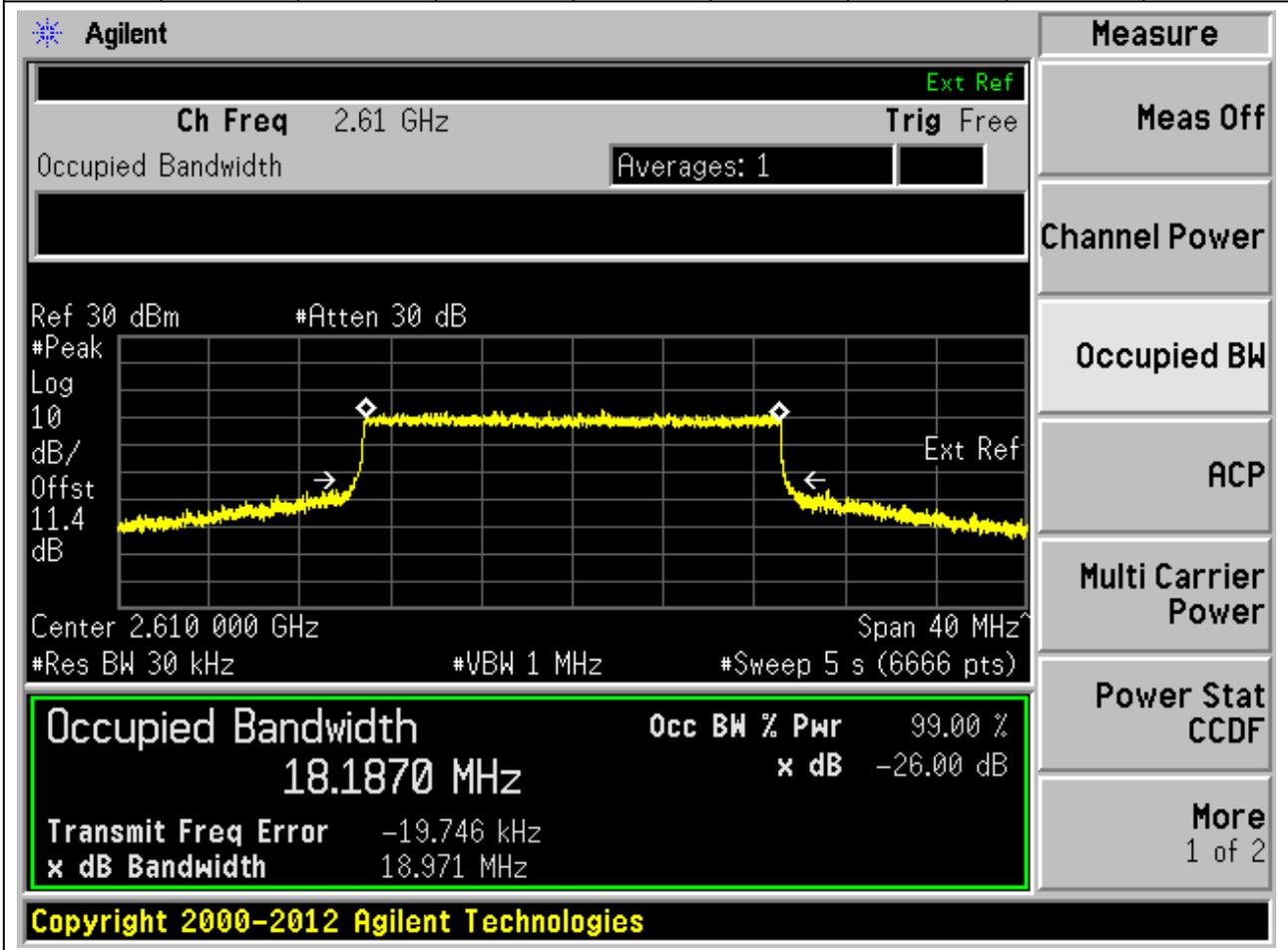
**2.2. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:519000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:51, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2595                   | 99            | 26            | 0.03      | Peak     | 18.19     | 19.14               | 20                | Pass    |



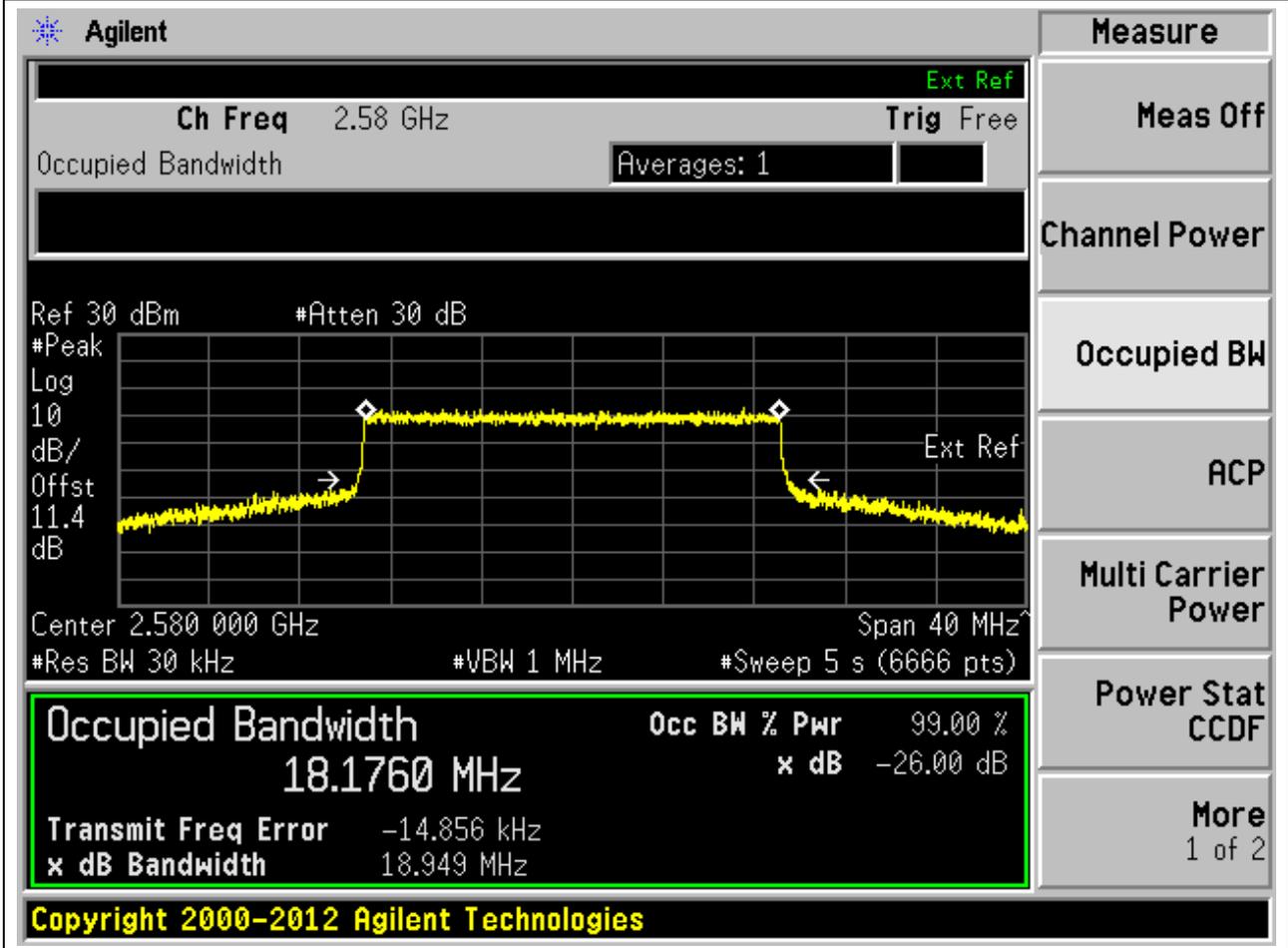
**2.3. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:522000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:51, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2610                   | 99            | 26            | 0.03      | Peak     | 18.19     | 18.97               | 20                | Pass    |



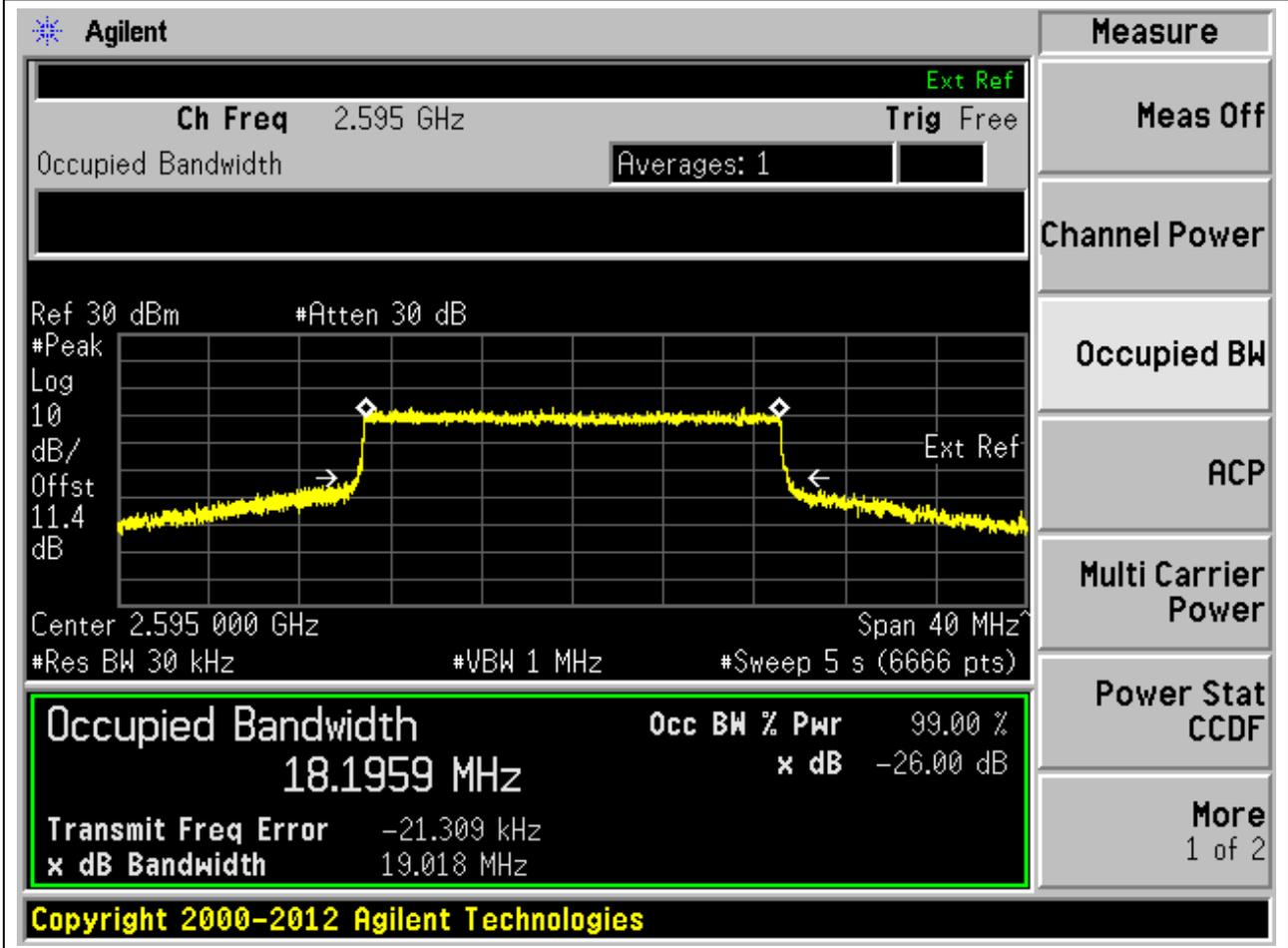
**2.4. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:516000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:51, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2580                   | 99            | 26            | 0.03      | Peak     | 18.18     | 18.95               | 20                | Pass    |



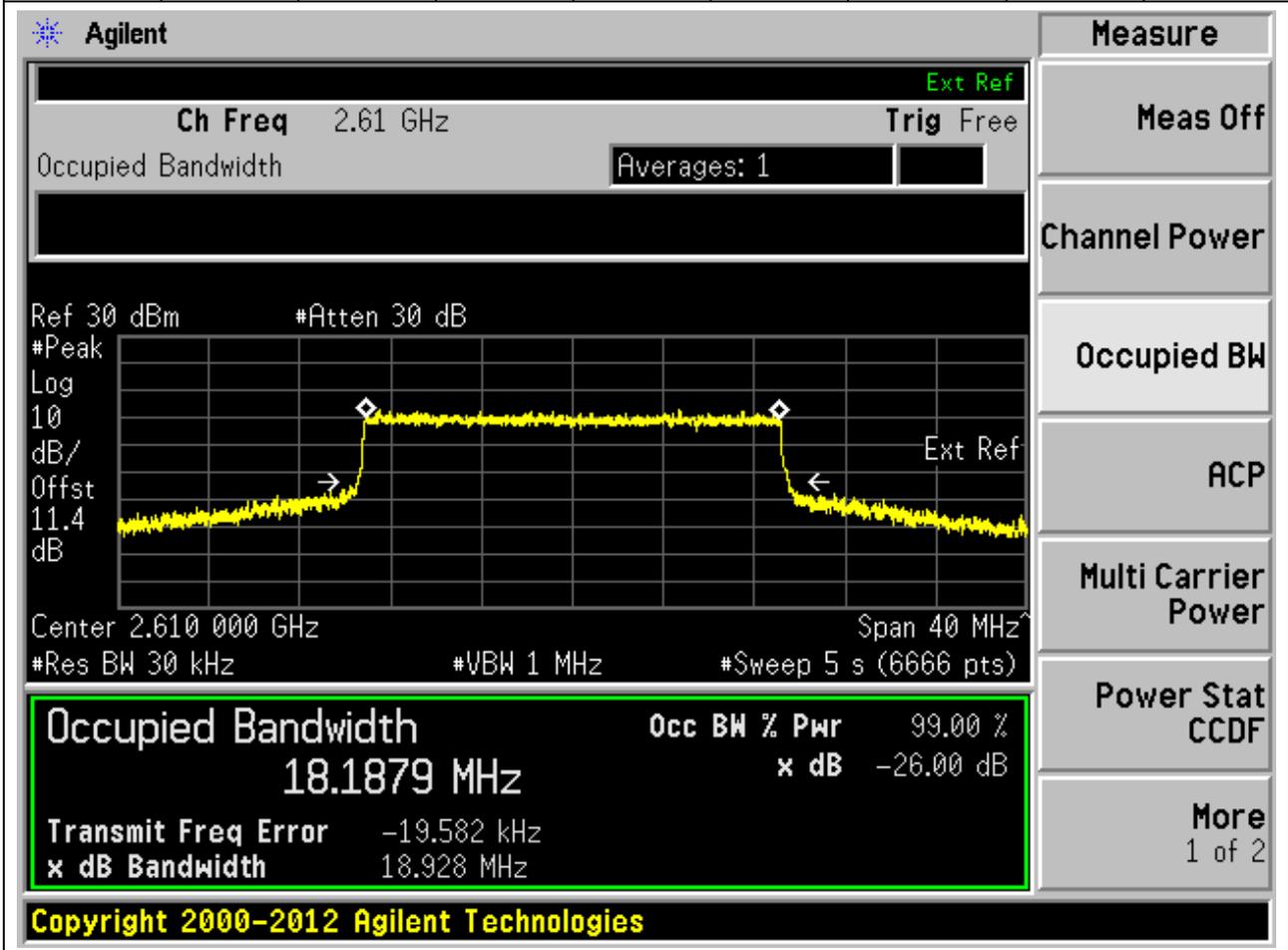
**2.5. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:519000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:51, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2595                   | 99            | 26            | 0.03      | Peak     | 18.2      | 19.02               | 20                | Pass    |



**2.6. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:522000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:51, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2610                   | 99            | 26            | 0.03      | Peak     | 18.19     | 18.93               | 20                | Pass    |



**2.7. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:516000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:51, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2580                   | 99            | 26            | 0.03      | Peak     | 18.18     | 19.24               | 20                | Pass    |

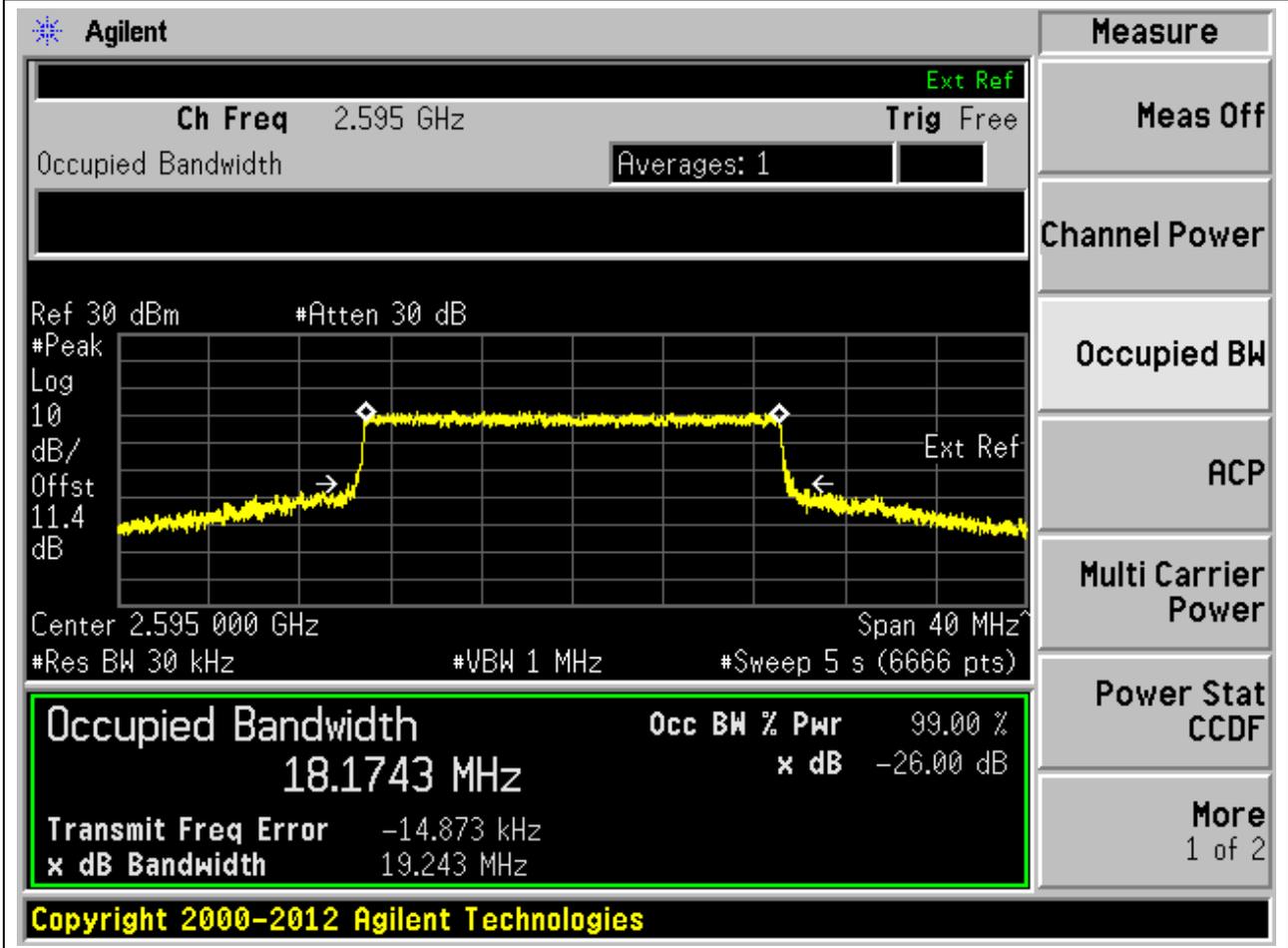
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 2.58 GHz, and the span is 40 MHz. The occupied bandwidth is measured as 18.1818 MHz. The power is 99.00% and the XdB down is -26.00 dB. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom status bar shows 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 18.1818 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: -15.943 kHz  
x dB Bandwidth: 19.238 MHz

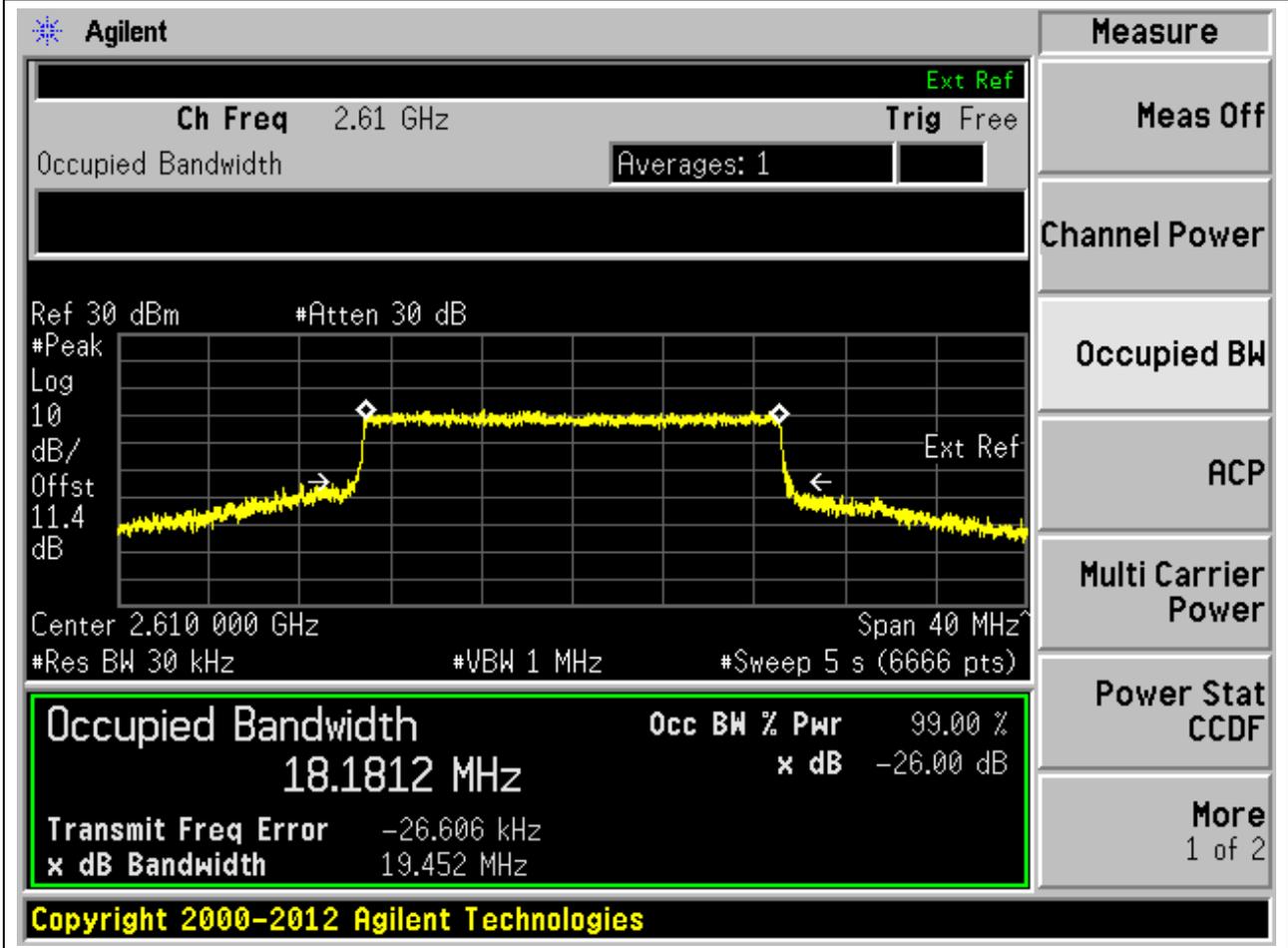
**2.8. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:519000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:51, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2595                   | 99            | 26            | 0.03      | Peak     | 18.17     | 19.24               | 20                | Pass    |



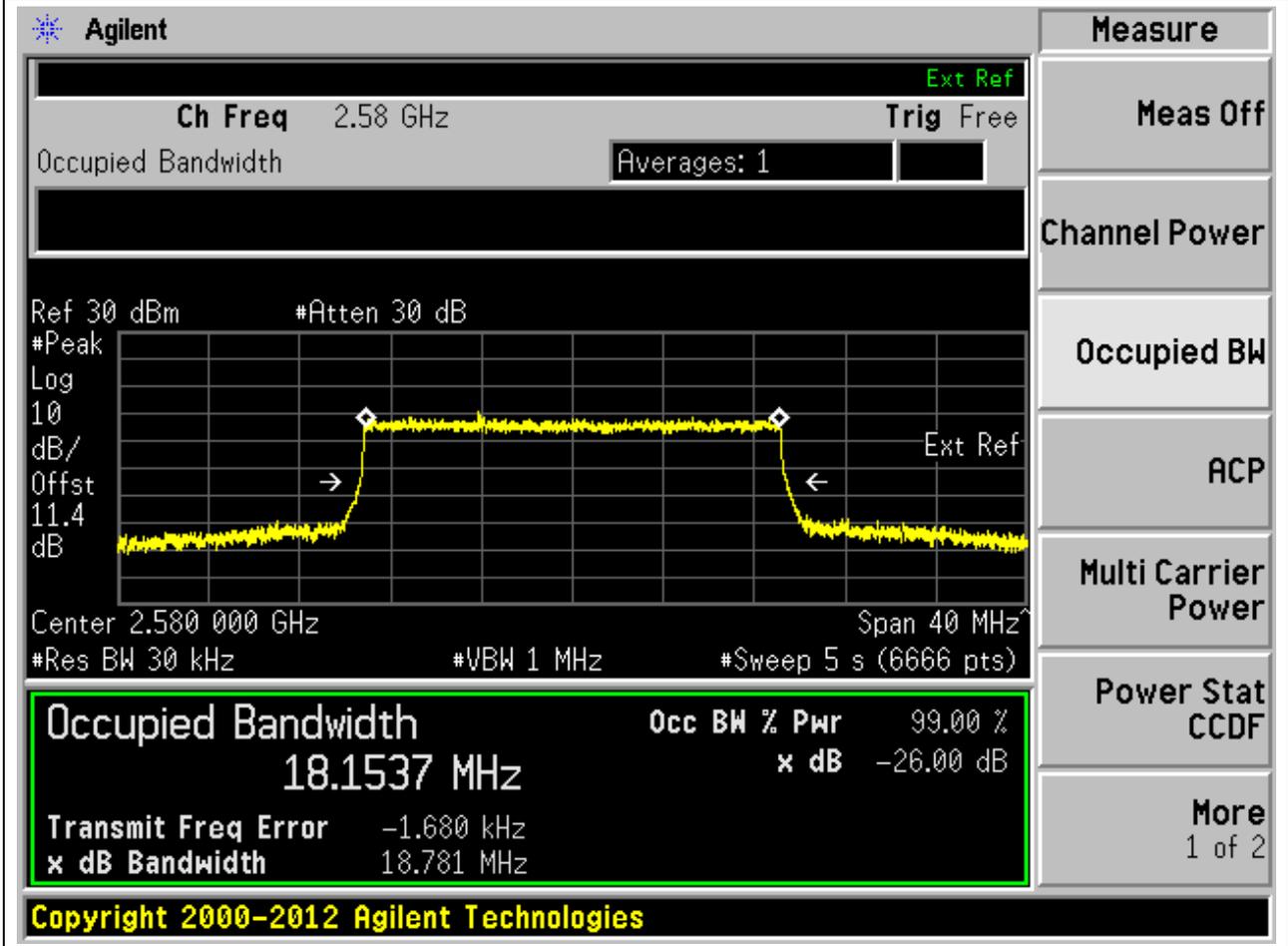
**2.9. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:522000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:51, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2610                   | 99            | 26            | 0.03      | Peak     | 18.18     | 19.45               | 20                | Pass    |



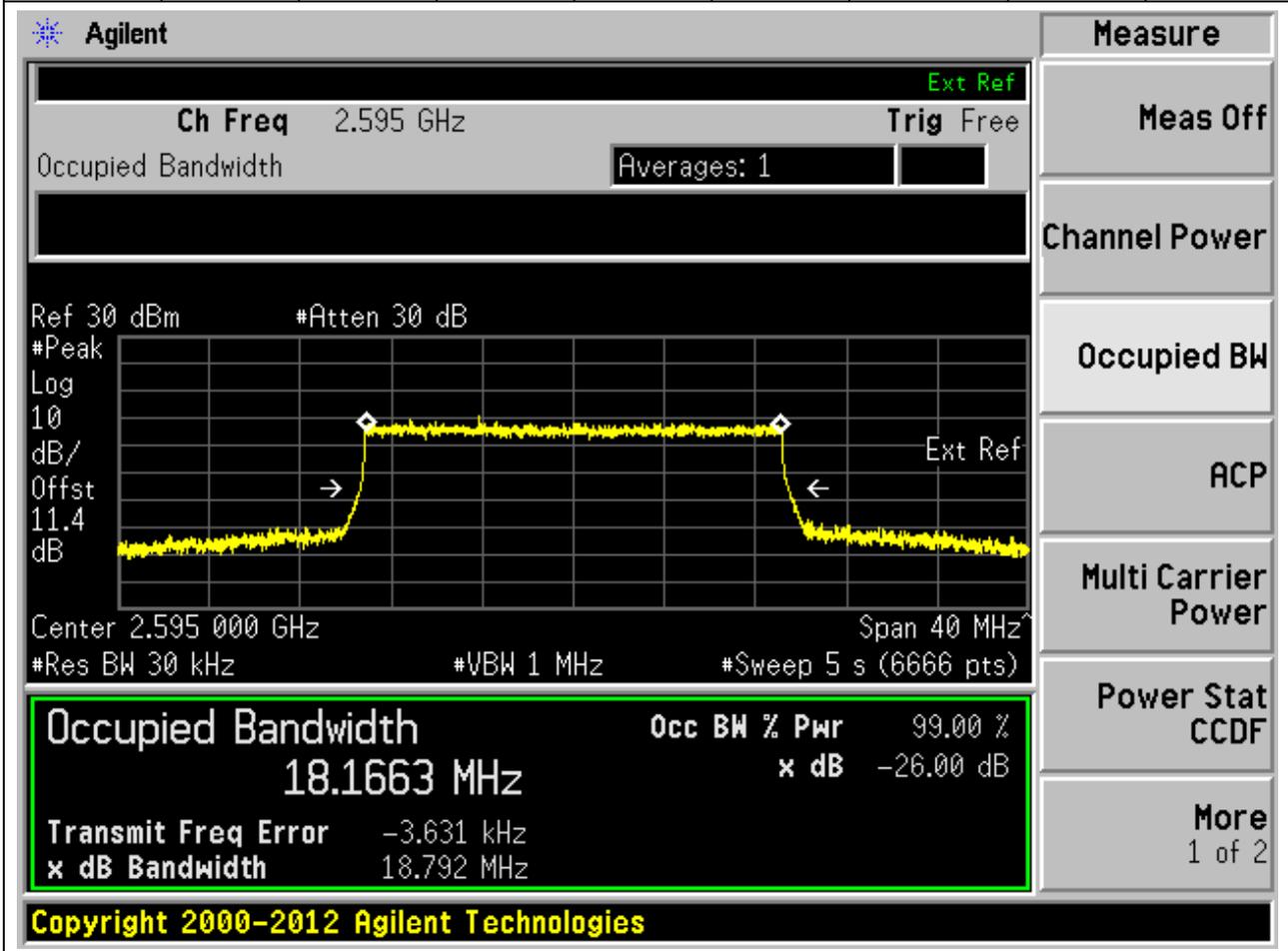
**2.10. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:516000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:51, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2580                   | 99            | 26            | 0.03      | Peak     | 18.15     | 18.78               | 20                | Pass    |



**2.11. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:519000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:51, 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            | 0.03      | Peak     | 18.17     | 18.79               | 20                | Pass    |



**2.12. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:522000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:51, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2610                   | 99            | 26            | 0.03      | Peak     | 18.18     | 18.93               | 20                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace representing the signal. The plot is centered at 2.610 000 GHz with a span of 40 MHz. The resolution bandwidth (RBW) is 30 kHz, and the video bandwidth (VBW) is 1 MHz. The sweep time is 5 seconds (6666 points). The plot shows a signal with a peak level of approximately -11.4 dB. The occupied bandwidth is measured as 18.1805 MHz, which is 99.00% of the channel bandwidth. The XdB bandwidth is measured as 18.928 MHz, which is 26.00 dB below the peak level. The transmit frequency error is -8.369 kHz. The interface also shows various measurement controls and a 'Measure' menu on the right side.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 18.1805 MHz        | 99.00 %      | -26.00 dB |

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**2.13. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:517000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:78, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2585                   | 99            | 26            | 1         | Peak     | 28.17     | 30.51               | 30                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 2.585 GHz, and the span is 60 MHz. The occupied bandwidth is measured as 28.1665 MHz. The power is 99.00% and the XdB bandwidth is -26.00 dB. The interface includes a 'Measure' panel on the right with buttons for 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 28.1665 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: -41.472 kHz  
x dB Bandwidth: 30.510 MHz

**2.14. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:519000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:78, 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            | 1         | Peak     | 28.2      | 30.59               | 30                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The measurement results are as follows:

| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 28.2000 MHz |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | -35.802 kHz |
| x dB Bandwidth      | 30.593 MHz  |

Additional parameters shown in the interface include: Ch Freq 2.595 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.4 dB, Center 2.595 00 GHz, Span 60 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts). The 'Measure' menu on the right includes options like Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

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**2.15. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:521000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:78, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2605                   | 99            | 26            | 1         | Peak     | 28.17     | 30.48               | 30                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The measurement results are as follows:

| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 28.1747 MHz |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | -28.664 kHz |
| x dB Bandwidth      | 30.479 MHz  |

Additional parameters shown in the interface include: Ch Freq 2.605 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.4 dB, Center 2.605 00 GHz, Span 60 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

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**2.16. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:517000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:78, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2585                   | 99            | 26            | 1         | Peak     | 28.21     | 30.54               | 30                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.585 GHz, and the span is 60 MHz. The occupied bandwidth is measured as 28.2140 MHz. The power is 99.00% and the XdB bandwidth is -26.00 dB. The plot also shows a reference level at 30 dBm and an attenuation of 30 dB. The measurement is labeled 'Ext Ref'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 28.2140 MHz        | 99.00 %      | -26.00 dB |

Other parameters shown in the screenshot include: Ch Freq 2.585 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst 11.4 dB, Center 2.585 00 GHz, Span 60 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts), Transmit Freq Error -44.962 kHz, x dB Bandwidth 30.541 MHz.

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**2.17. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:519000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:78, 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            | 1         | Peak     | 28.21     | 30.48               | 30                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The measurement results are as follows:

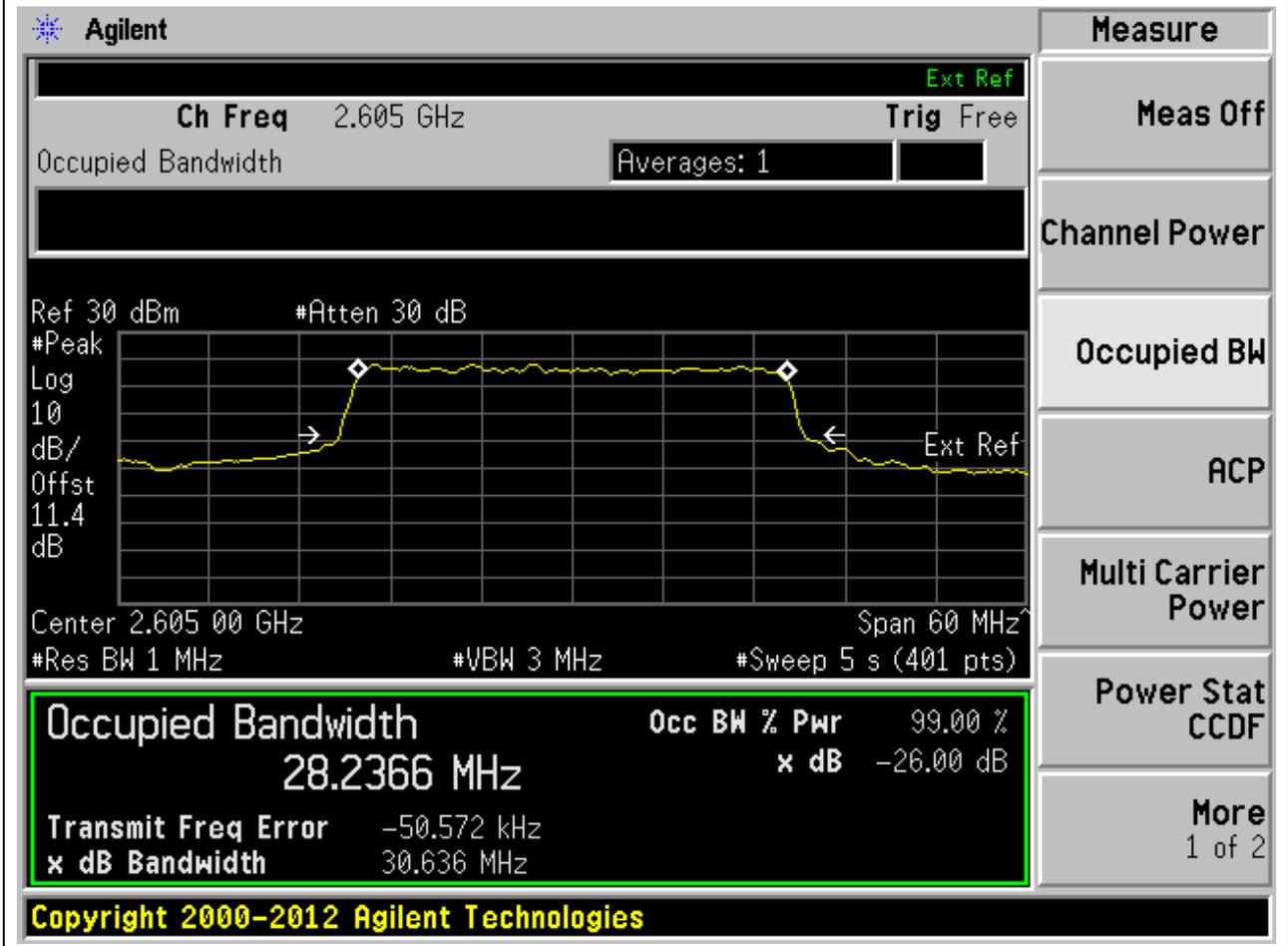
| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 28.2082 MHz |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | -38.301 kHz |
| x dB Bandwidth      | 30.484 MHz  |

Additional parameters shown in the interface include: Ch Freq 2.595 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log 10 dB/Offst 11.4 dB, Center 2.595 00 GHz, Span 60 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts). The 'Measure' menu on the right includes options like Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

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**2.18. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:521000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:78, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2605                   | 99            | 26            | 1         | Peak     | 28.24     | 30.64               | 30                | Pass    |



**2.19. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:517000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:78, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2585                   | 99            | 26            | 1         | Peak     | 28.33     | 33.09               | 30                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.585 GHz, and the span is 60 MHz. The occupied bandwidth is measured as 28.3306 MHz. The power is 99.00% and the XdB bandwidth is -26.00 dB. The detector is set to Peak. The upper limit is 30 MHz. The verdict is Pass.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 28.3306 MHz        | 99.00 %      | -26.00 dB |

Other parameters shown in the screenshot include: Ch Freq 2.585 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log, 10 dB/Offst, 11.4 dB, Center 2.585 00 GHz, Span 60 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts), Transmit Freq Error -77.144 kHz, x dB Bandwidth 33.086 MHz.

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**2.20. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:519000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:78, 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            | 1         | Peak     | 28.32     | 33.14               | 30                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 2.595 GHz. The main display shows a spectrum plot with a yellow trace. The plot parameters include a reference level of 30 dBm, a 30 dB attenuator, a resolution bandwidth of 1 MHz, and a video bandwidth of 3 MHz. The span is 60 MHz. The occupied bandwidth is measured as 28.3170 MHz, which is 99.00% of the power. The XdB bandwidth is 33.141 MHz, and the XdB down is -26.00 dB. The transmit frequency error is -83.120 kHz. The interface also shows a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen displays the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 28.3170 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: -83.120 kHz  
x dB Bandwidth: 33.141 MHz

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**2.21. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:521000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:78, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2605                   | 99            | 26            | 1         | Peak     | 28.3      | 31.85               | 30                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.605 GHz, and the span is 60 MHz. The occupied bandwidth is highlighted in a green box with the following values:

|                            |                     |             |
|----------------------------|---------------------|-------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> | 99.00 %     |
| <b>28.2997 MHz</b>         | <b>x dB</b>         | -26.00 dB   |
| <b>Transmit Freq Error</b> |                     | -91.333 kHz |
| <b>x dB Bandwidth</b>      |                     | 31.847 MHz  |

Additional parameters shown in the interface include: Ch Freq 2.605 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.4 dB, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts), and an Ext Ref marker. The right-hand side of the interface shows a 'Measure' menu with options: Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

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**2.22. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:517000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:78, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2585                   | 99            | 26            | 1         | Peak     | 28.23     | 30.57               | 30                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.585 GHz, and the span is 60 MHz. The occupied bandwidth is measured as 28.2277 MHz. The power is 99.00% and the XdB bandwidth is -26.00 dB. The detector is set to Peak, and the RBW is 3 MHz. The upper limit is 30 MHz. The verdict is Pass.

| Occupied Bandwidth | Occ BW % Pwr |
|--------------------|--------------|
| 28.2277 MHz        | 99.00 %      |

| Transmit Freq Error | x dB Bandwidth |
|---------------------|----------------|
| -52.419 kHz         | 30.570 MHz     |

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**2.23. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:519000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:78, 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            | 1         | Peak     | 28.23     | 30.72               | 30                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The measurement results are as follows:

| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 28.2349 MHz |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | -61.717 kHz |
| x dB Bandwidth      | 30.718 MHz  |

Additional parameters shown in the interface include: Ch Freq 2.595 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.4 dB, Center 2.595 00 GHz, Span 60 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

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**2.24. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:521000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:78, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2605                   | 99            | 26            | 1         | Peak     | 28.28     | 30.75               | 30                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.605 GHz, and the span is 60 MHz. The occupied bandwidth is measured as 28.2812 MHz. The power is 99.00% and the XdB bandwidth is -26.00 dB. The detector is set to Peak. The upper limit is 30 MHz. The verdict is Pass.

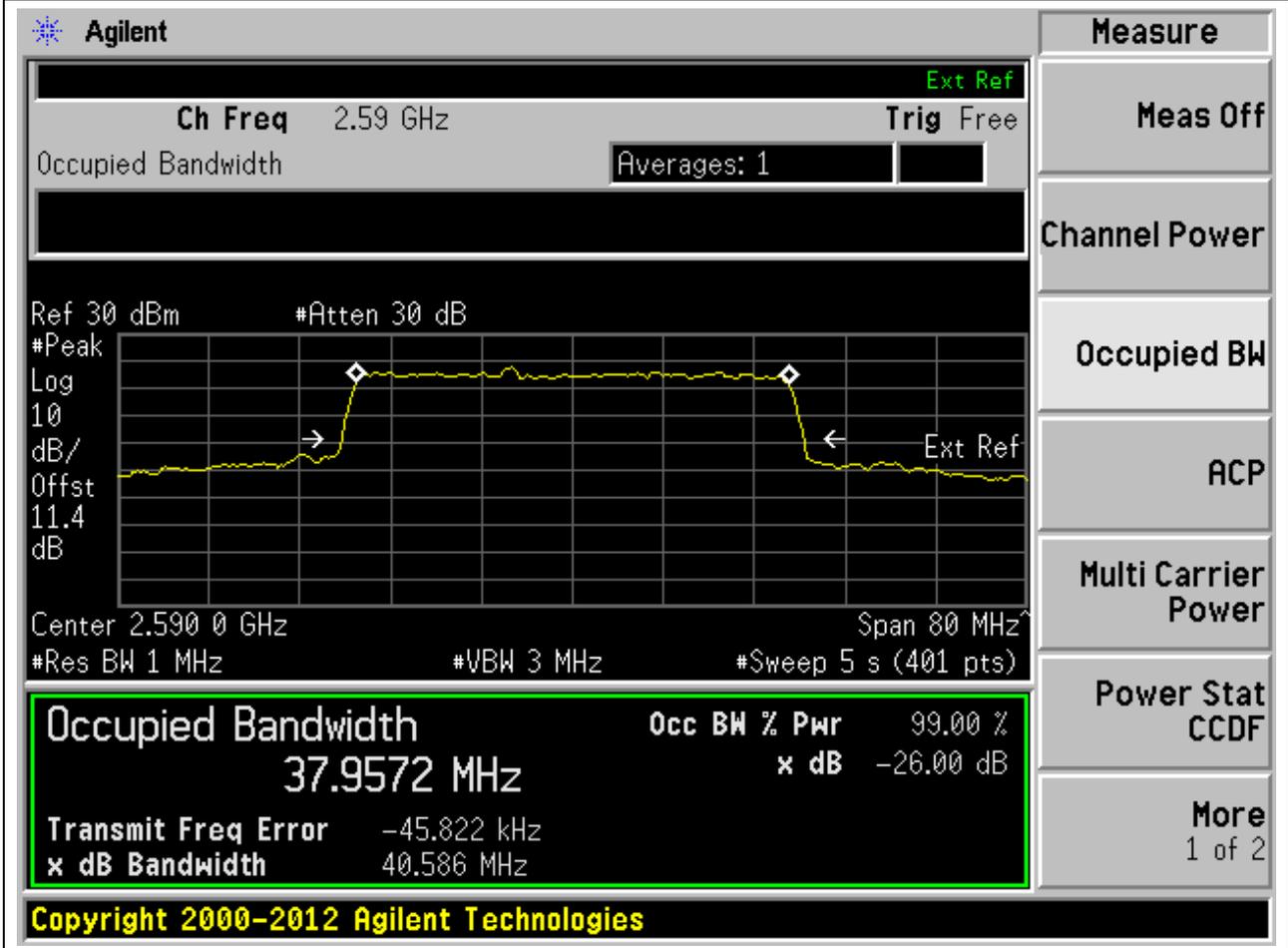
| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 28.2812 MHz        | 99.00 %      | -26.00 dB |

Other parameters shown in the screenshot include: Ch Freq 2.605 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log, 10 dB/Offst, 11.4 dB, Center 2.605 00 GHz, Span 60 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts), Transmit Freq Error -37.818 kHz, x dB Bandwidth 30.747 MHz.

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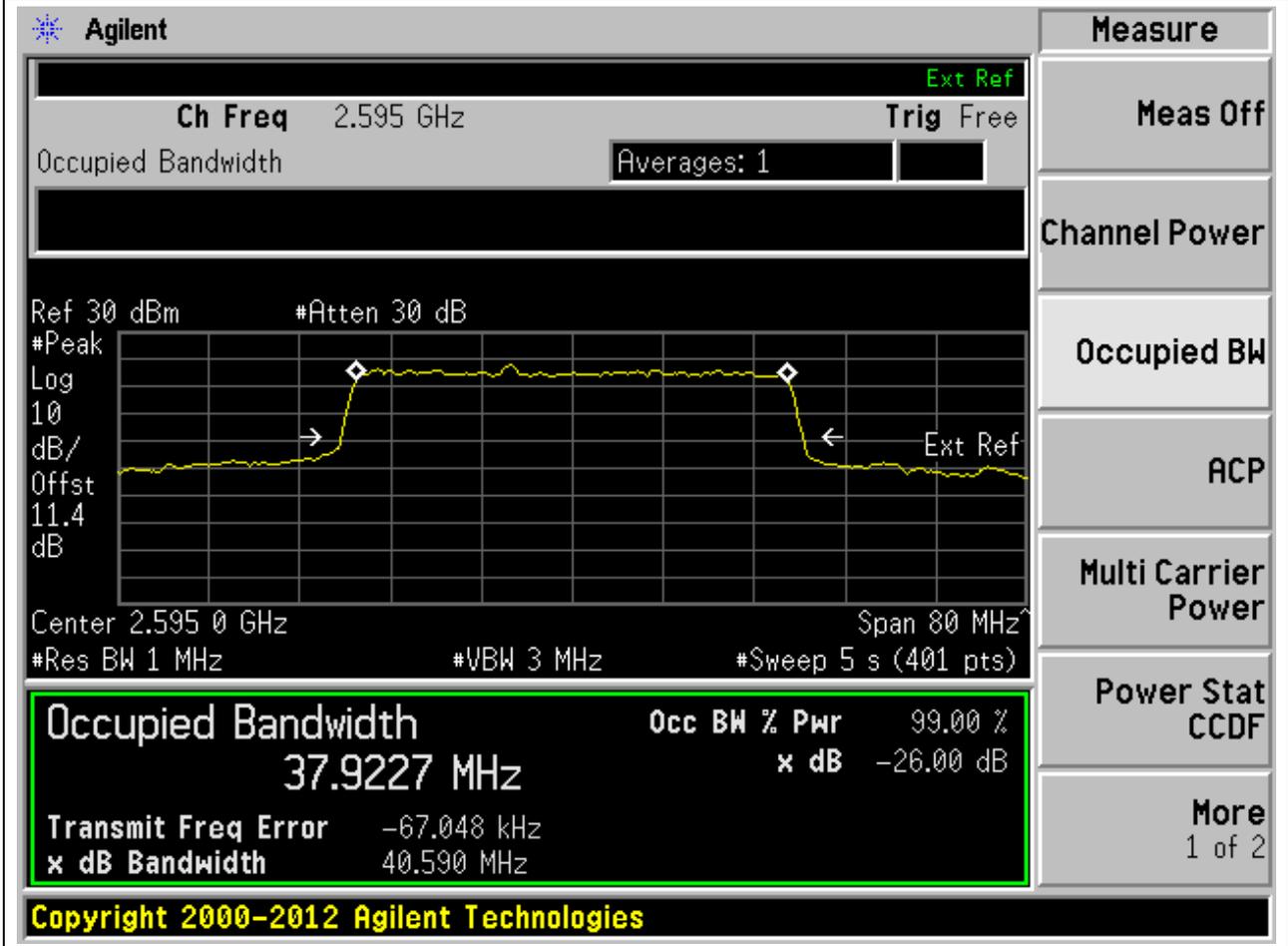
**2.25. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2590                   | 99            | 26            | 1         | Peak     | 37.96     | 40.59               | 40                | Pass    |



**2.26. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:519000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, 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            | 1         | Peak     | 37.92     | 40.59               | 40                | Pass    |



**2.27. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:520000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2600                   | 99            | 26            | 1         | Peak     | 37.95     | 40.67               | 40                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The measurement results are as follows:

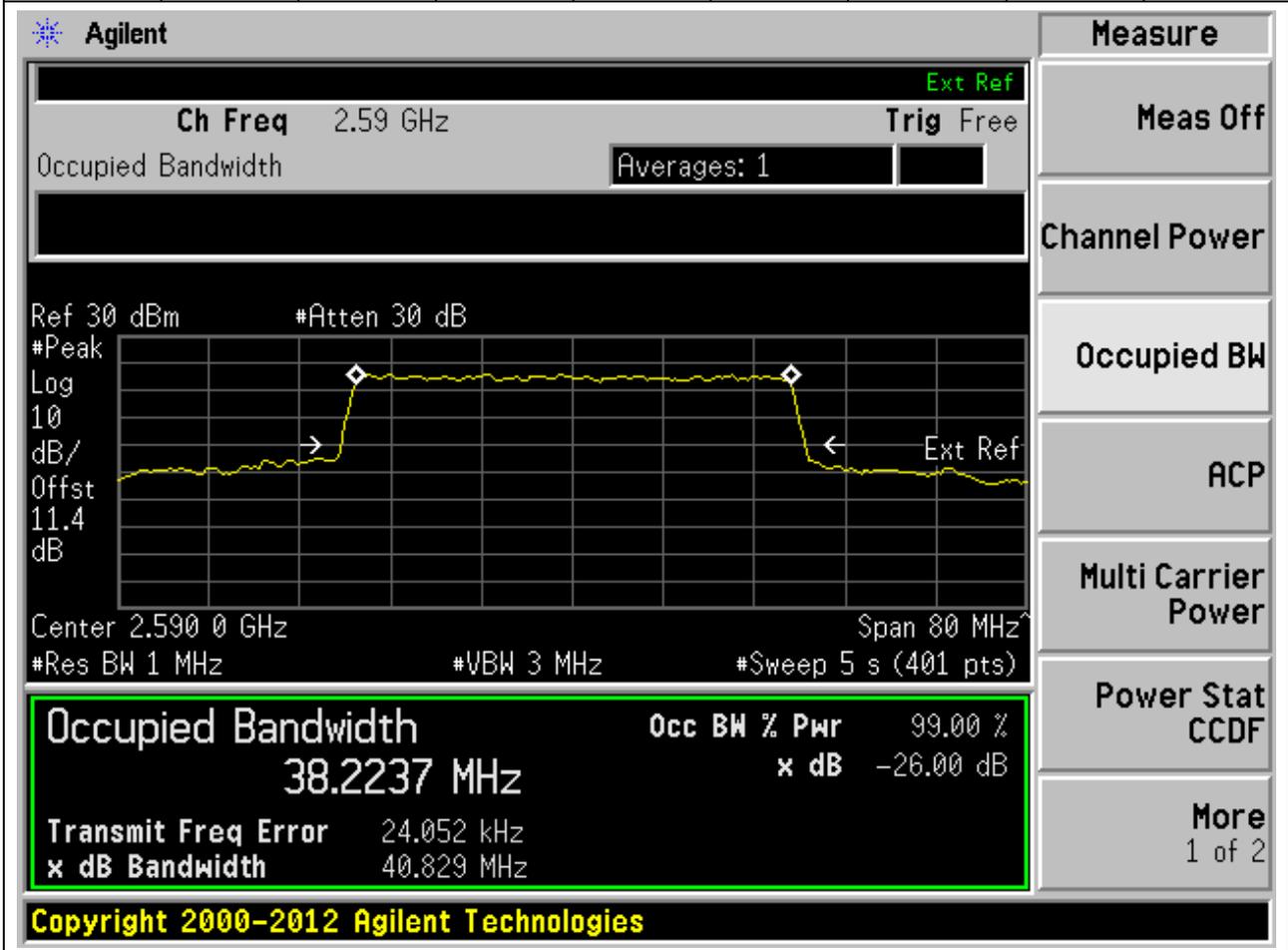
| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 37.9489 MHz |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | -61.132 kHz |
| x dB Bandwidth      | 40.672 MHz  |

Additional parameters shown in the interface include: Ch Freq 2.6 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log 10 dB/Offst 11.3 dB, Center 2.600 0 GHz, Span 80 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

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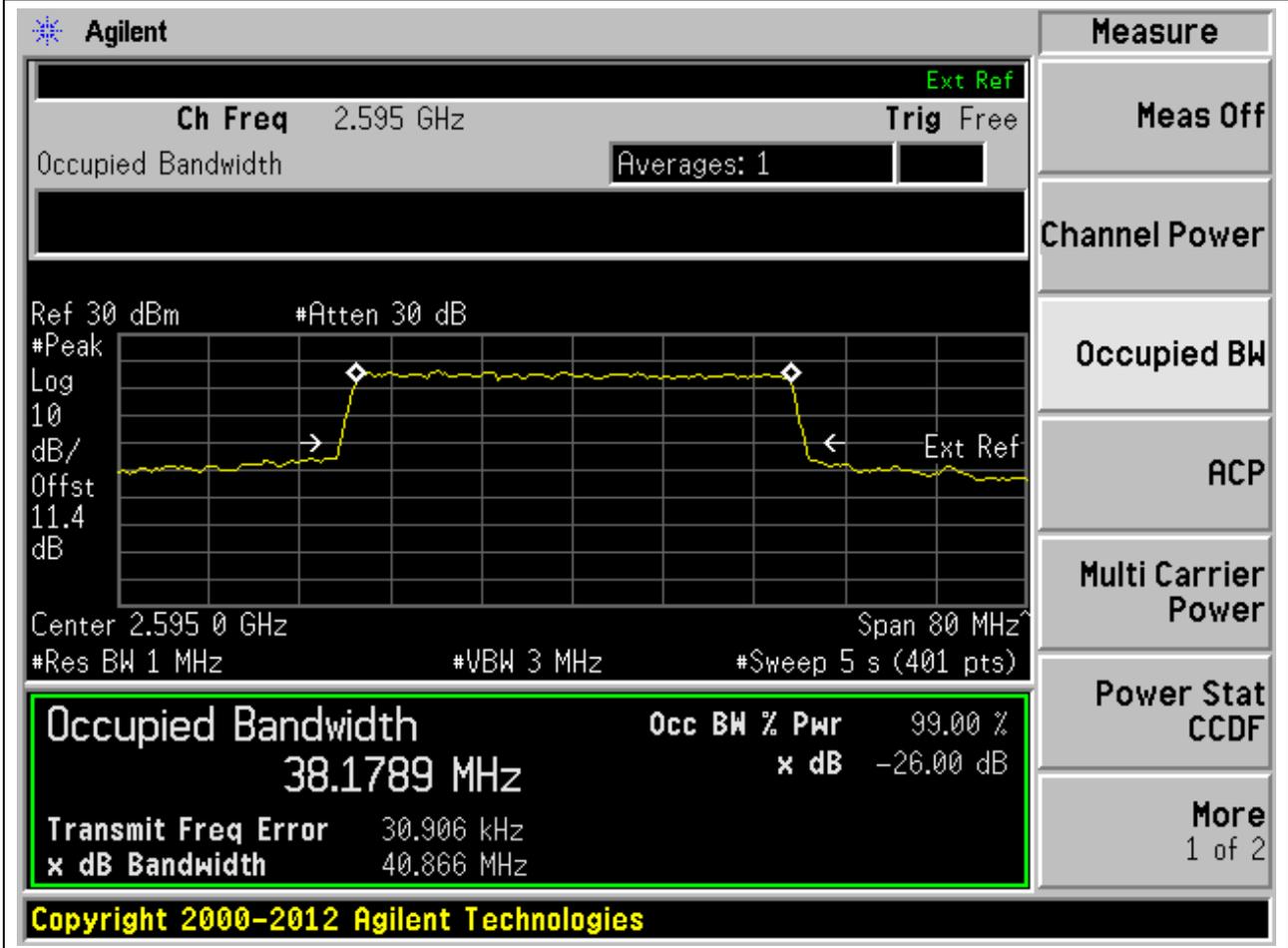
**2.28. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2590                   | 99            | 26            | 1         | Peak     | 38.22     | 40.83               | 40                | Pass    |



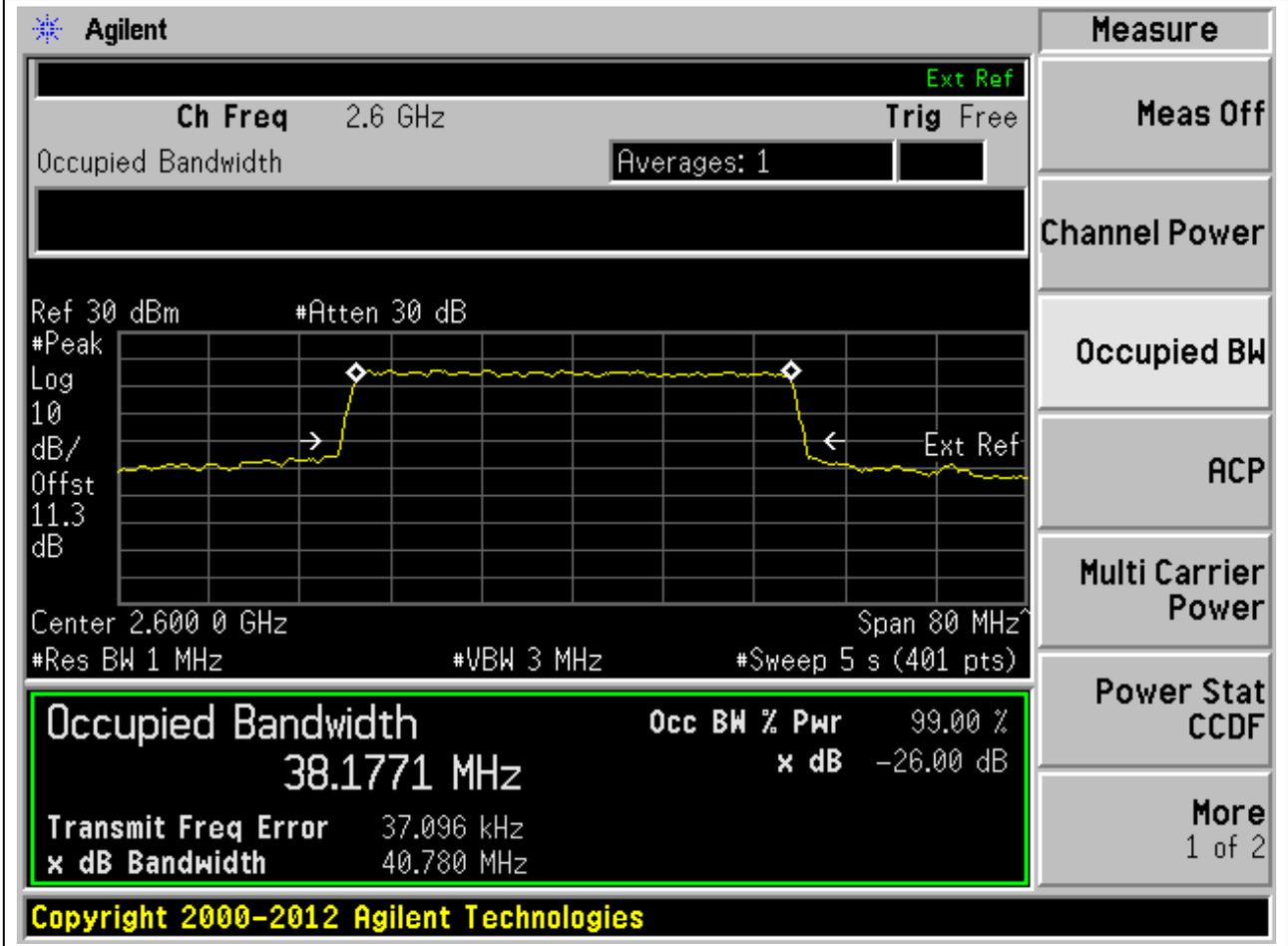
**2.29. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:519000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2595                   | 99            | 26            | 1         | Peak     | 38.18     | 40.87               | 40                | Pass    |



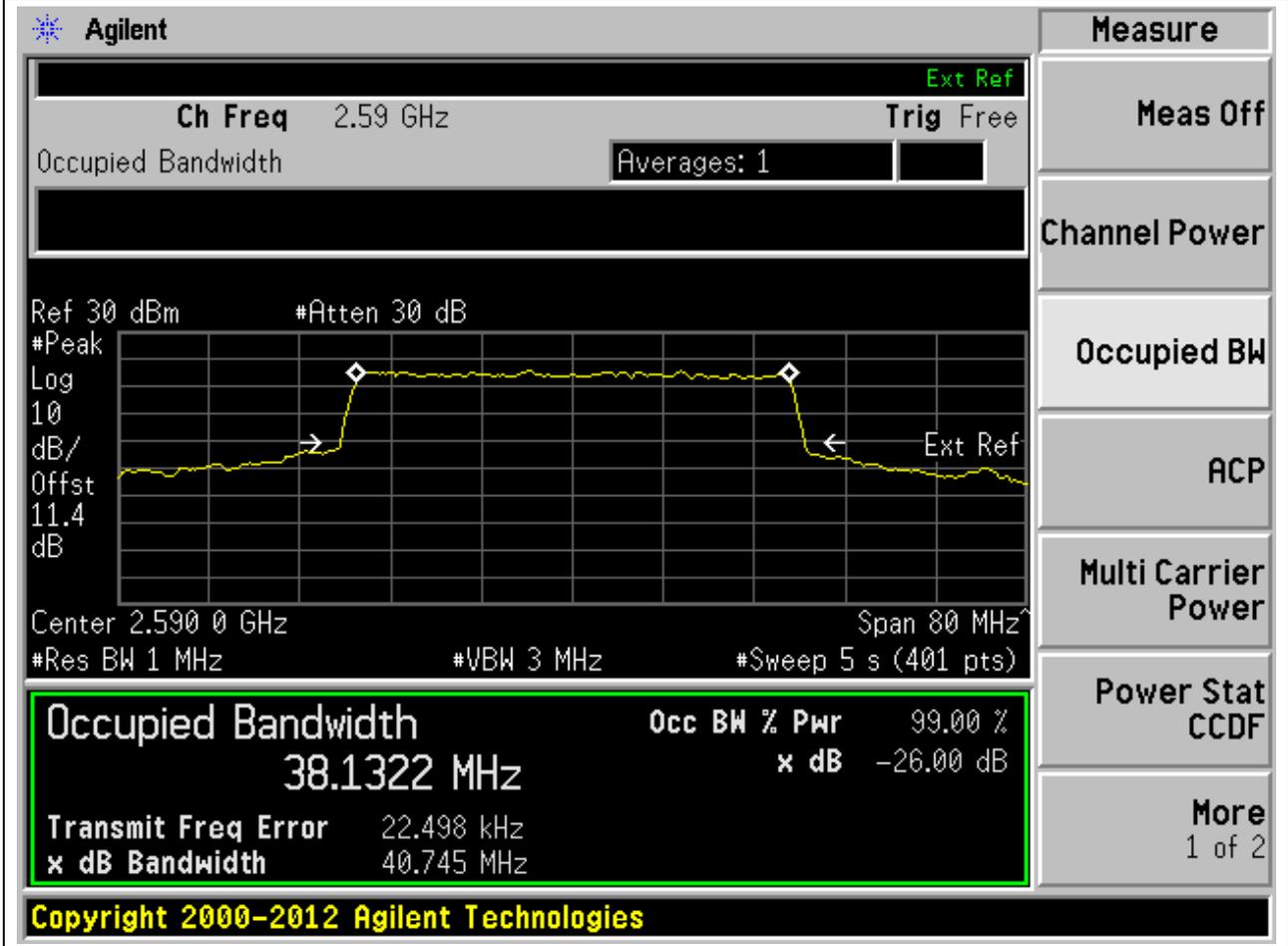
**2.30. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:520000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2600                   | 99            | 26            | 1         | Peak     | 38.18     | 40.78               | 40                | Pass    |



**2.31. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2590                   | 99            | 26            | 1         | Peak     | 38.13     | 40.74               | 40                | Pass    |



**2.32. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:519000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, 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            | 1         | Peak     | 38.11     | 40.84               | 40                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.595 GHz, and the span is 80 MHz. The occupied bandwidth is highlighted in a green box, showing 38.1116 MHz. The power is 99.00% and the XdB bandwidth is 40.837 MHz. The XdB down is -26.00 dB. The transmit frequency error is -9.747 kHz. The RBW is 3 MHz and the sweep time is 5 s (401 pts). The interface also shows a 'Measure' menu on the right with options like Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 38.1116 MHz        | 99.00 %      | -26.00 dB |

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**2.33. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:520000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2600                   | 99            | 26            | 1         | Peak     | 38.13     | 40.76               | 40                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The results are as follows:

| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 38.1257 MHz |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | 17.102 kHz  |
| x dB Bandwidth      | 40.757 MHz  |

Additional parameters shown in the interface include: Ch Freq 2.6 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log, 10 dB/Offst, 11.3 dB, Center 2.600 0 GHz, Span 80 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

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**2.34. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2590                   | 99            | 26            | 1         | Peak     | 38.03     | 40.76               | 40                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.59 GHz, and the span is 80 MHz. The occupied bandwidth is measured as 38.0305 MHz. The power is 99.00% and the XdB bandwidth is -26.00 dB. The interface includes a 'Measure' panel on the right with buttons for 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 38.0305 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: -72.695 kHz  
x dB Bandwidth: 40.755 MHz

**2.35. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:519000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, 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            | 1         | Peak     | 38.02     | 40.7                | 40                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. At the top, the center frequency is 2.595 GHz. The main display shows a spectrum plot with a yellow trace. The plot is set to a reference level of 30 dBm and an attenuation of 30 dB. The occupied bandwidth is highlighted in a green box, showing a value of 38.0193 MHz. The percentage of power within this bandwidth is 99.00%, and the XdB bandwidth is -26.00 dB. Other parameters shown include a transmit frequency error of -78.347 kHz and a bandwidth of 40.702 MHz. The interface also includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen displays the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 38.0193 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: -78.347 kHz  
x dB Bandwidth: 40.702 MHz

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**2.36. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:520000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2600                   | 99            | 26            | 1         | Peak     | 38.02     | 40.71               | 40                | Pass    |

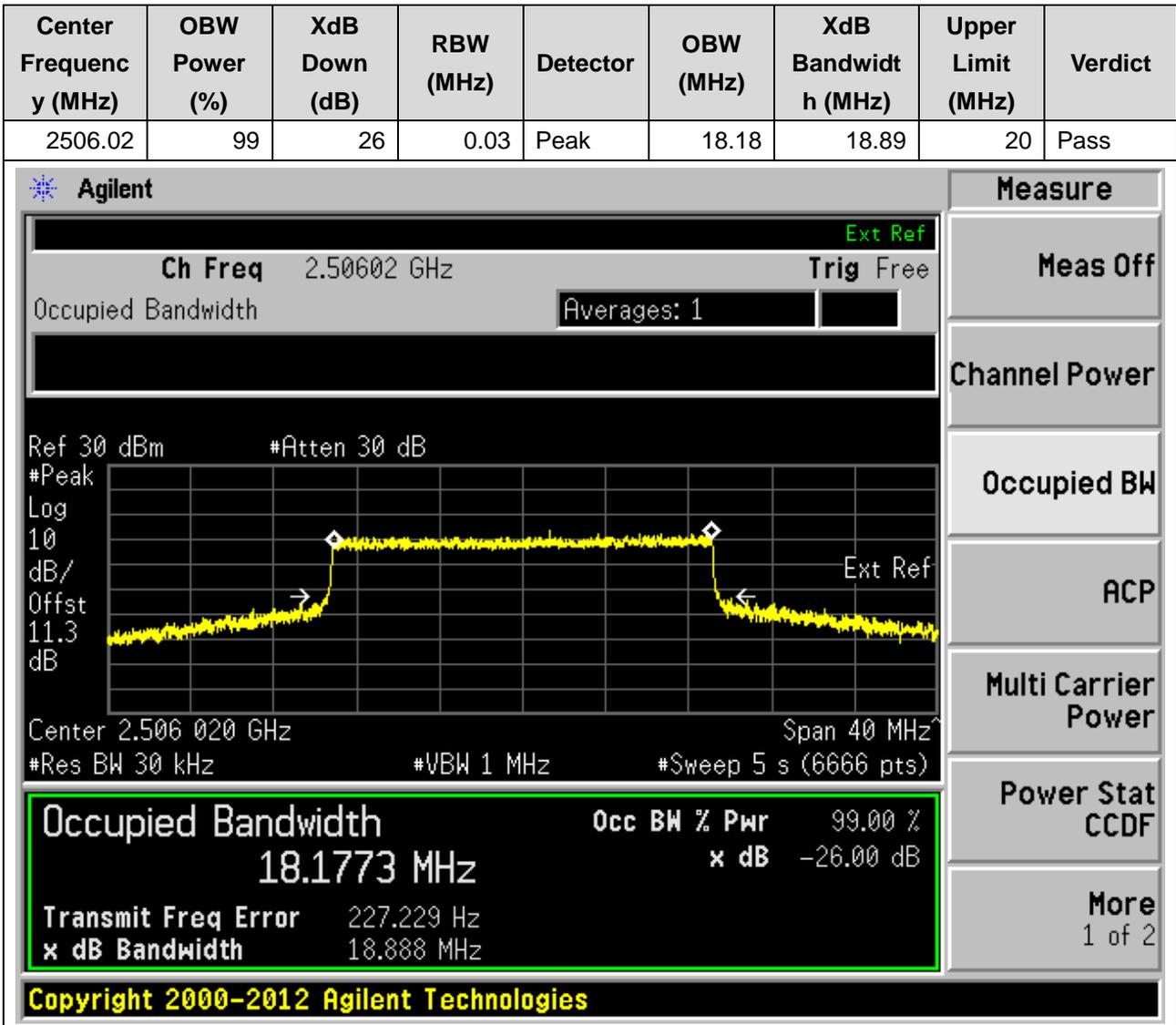
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.6000 GHz and the span is 80 MHz. The occupied bandwidth is highlighted in a green box as 38.0250 MHz. The power is 99.00% and the XdB bandwidth is 40.706 MHz. The XdB down is -26.00 dB. The transmit frequency error is -78.595 kHz. The interface also shows various settings like Res BW (1 MHz), VBW (3 MHz), and Sweep (5 s).

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 38.0250 MHz        | 99.00 %      | -26.00 dB |

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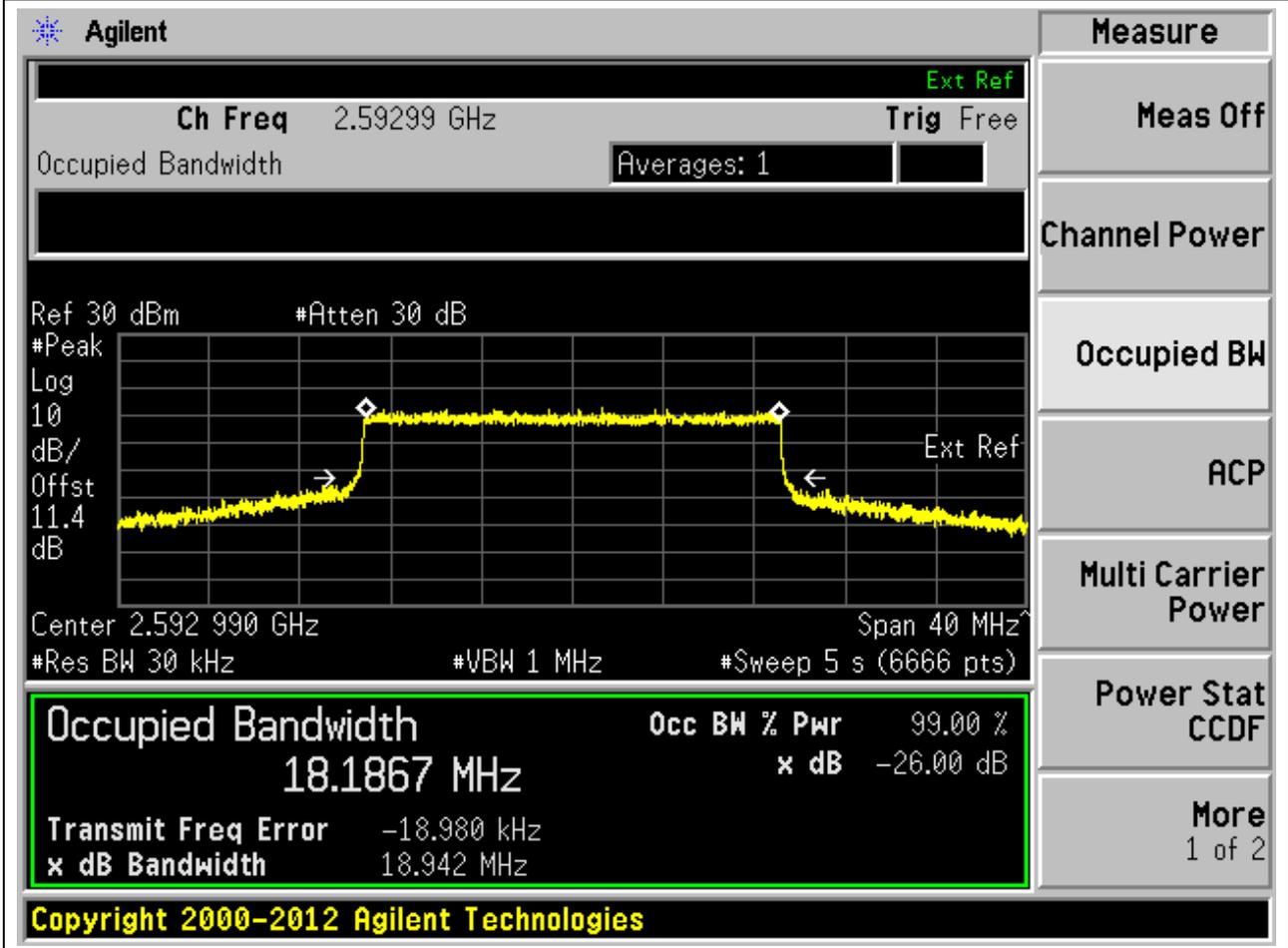
### 3. n41

3.1. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:501204, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:51, RB Position:0)



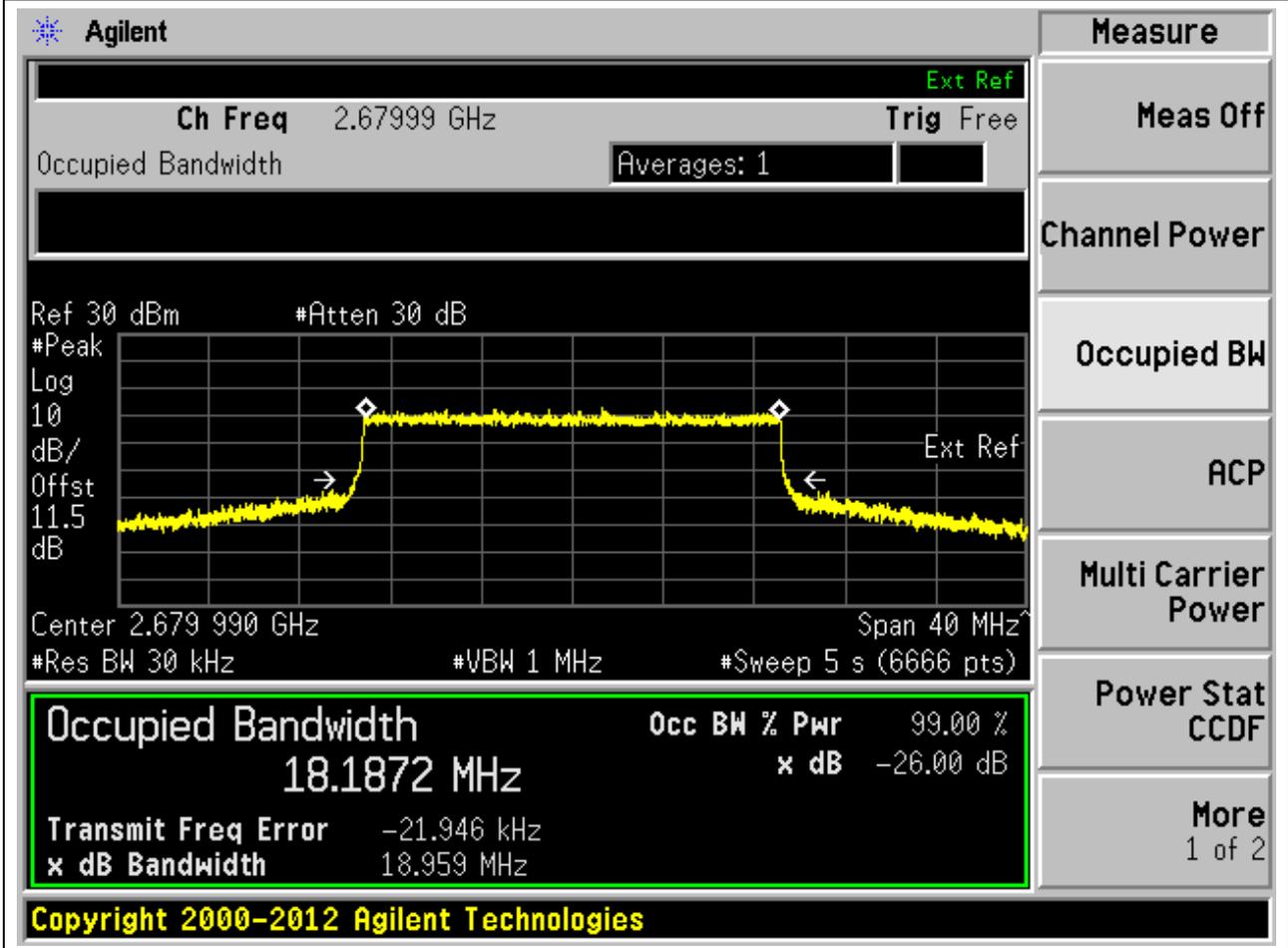
**3.2. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:51, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 0.03      | Peak     | 18.19     | 18.94               | 20                | Pass    |



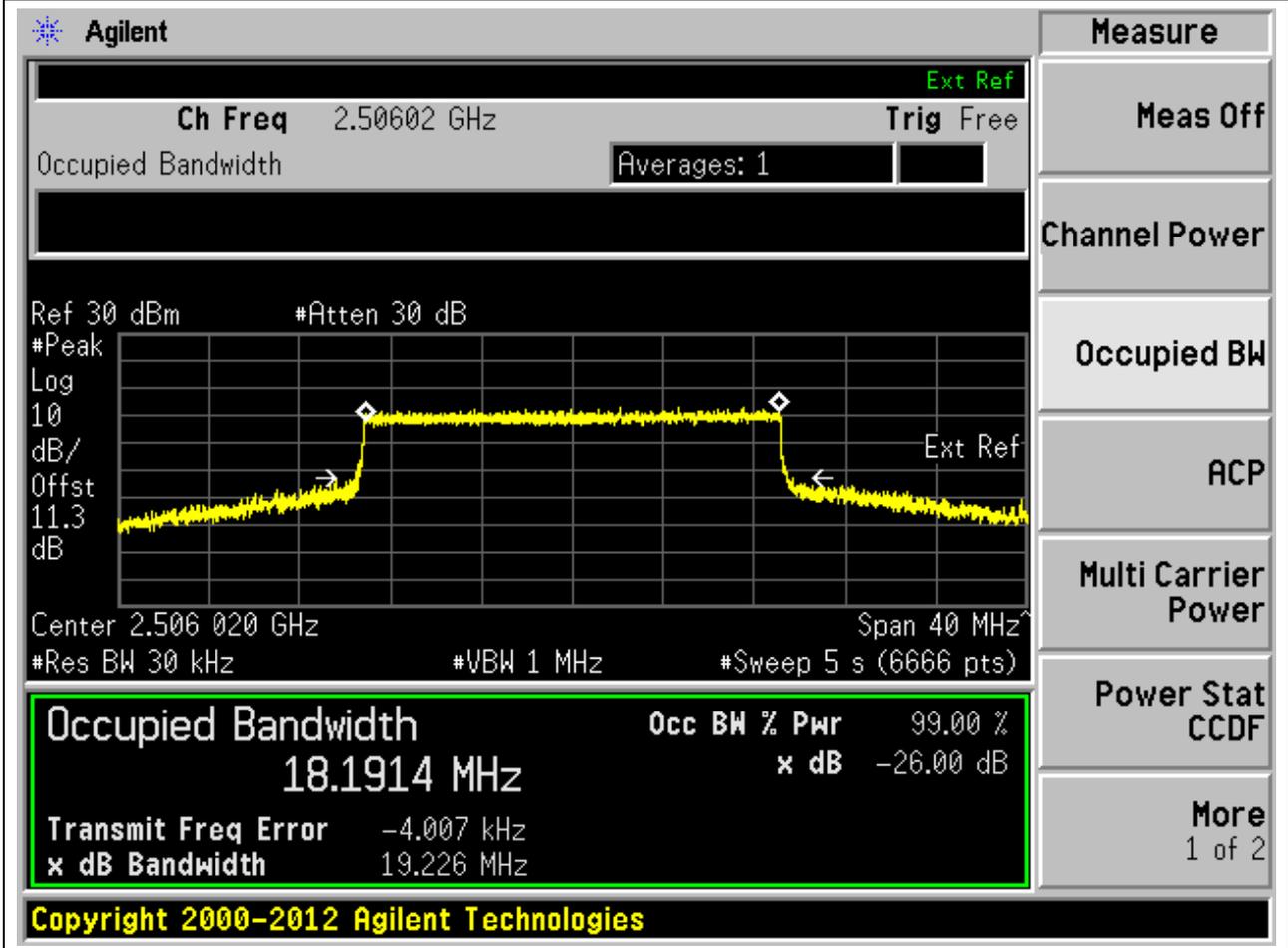
**3.3. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:535998, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:51, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2679.99                | 99            | 26            | 0.03      | Peak     | 18.19     | 18.96               | 20                | Pass    |



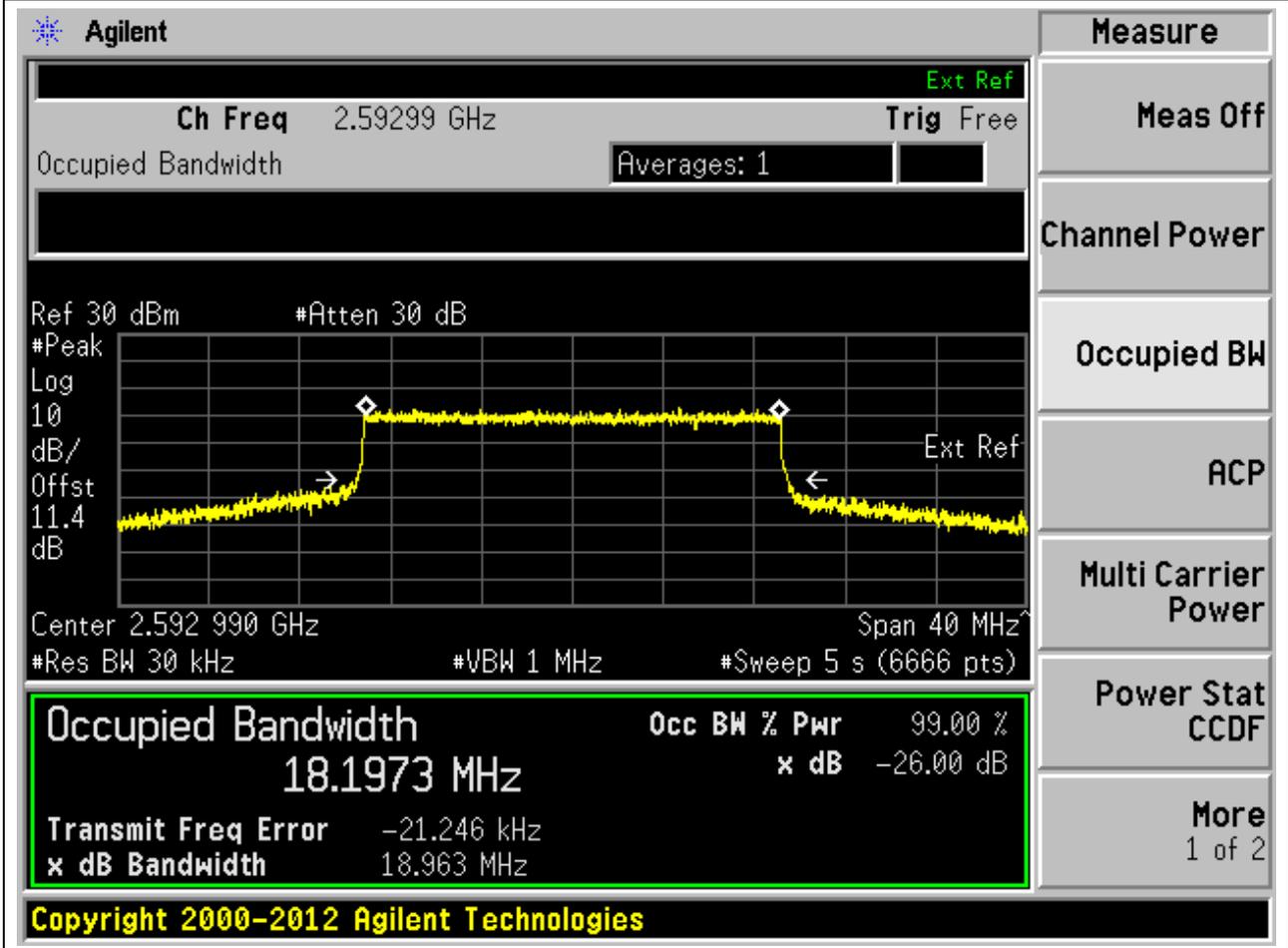
**3.4. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:501204, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:51, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2506.02                | 99            | 26            | 0.03      | Peak     | 18.19     | 19.23               | 20                | Pass    |



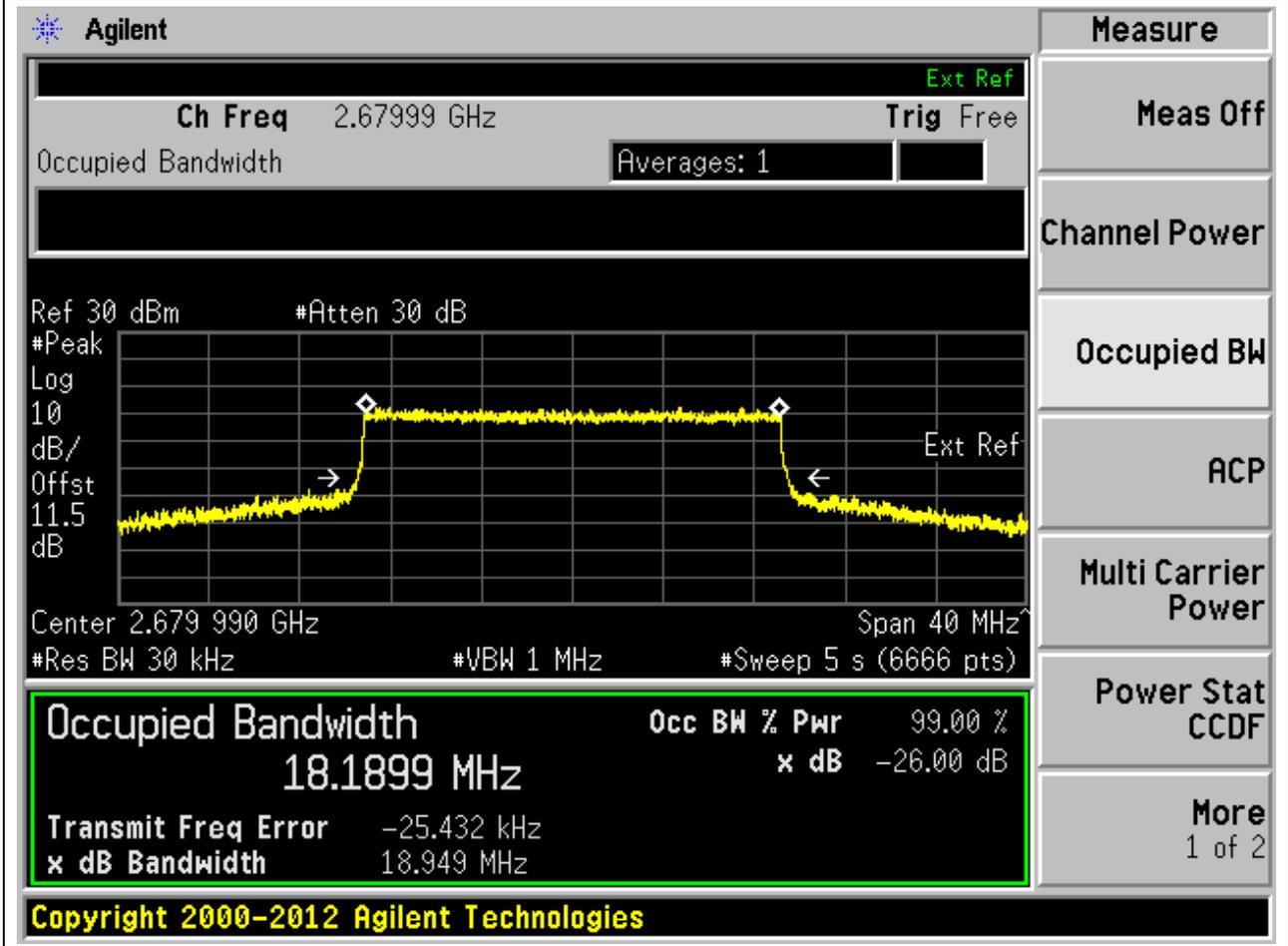
**3.5. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:51, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 0.03      | Peak     | 18.2      | 18.96               | 20                | Pass    |



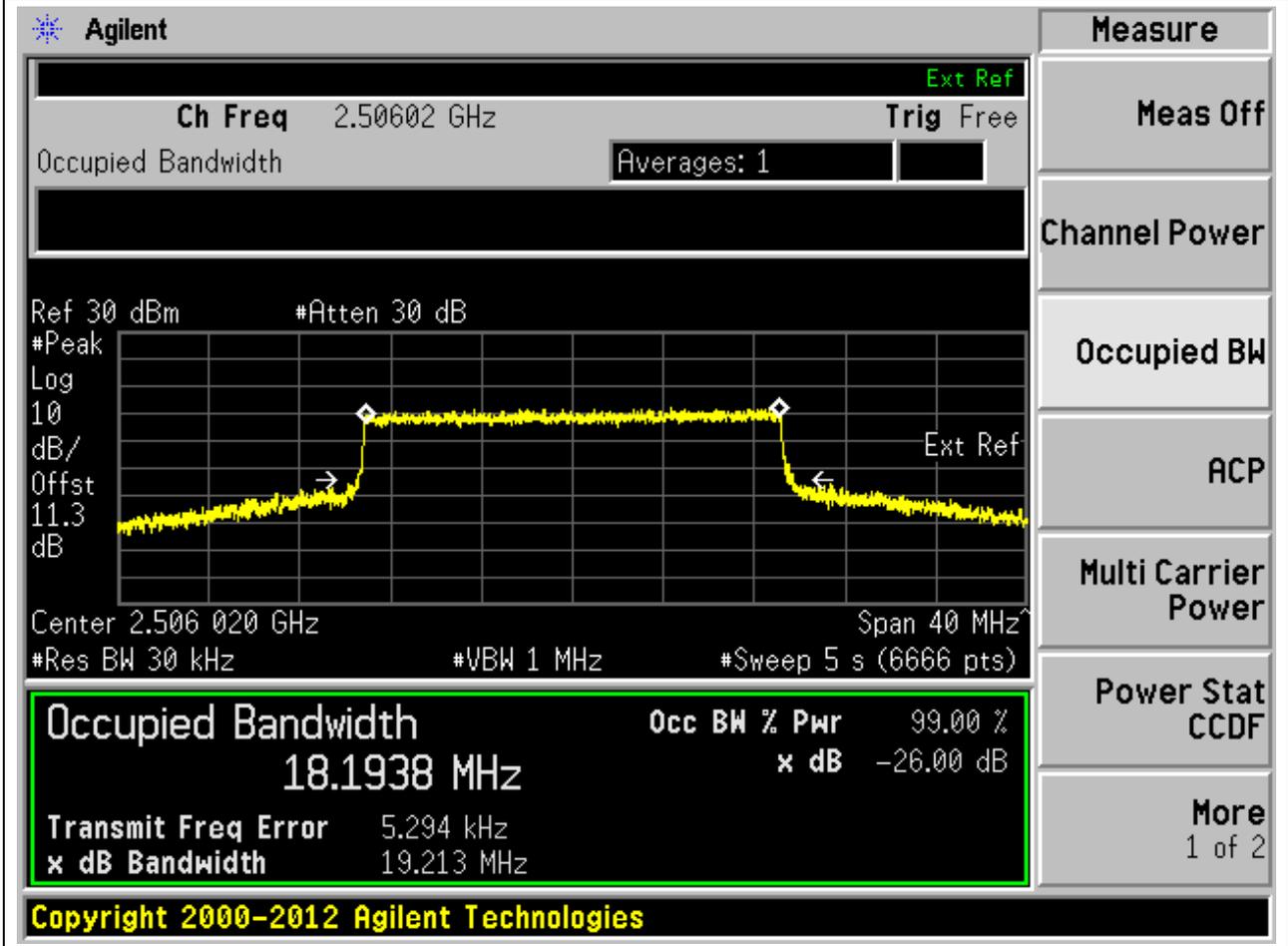
**3.6. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:535998, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:51, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2679.99                | 99            | 26            | 0.03      | Peak     | 18.19     | 18.95               | 20                | Pass    |



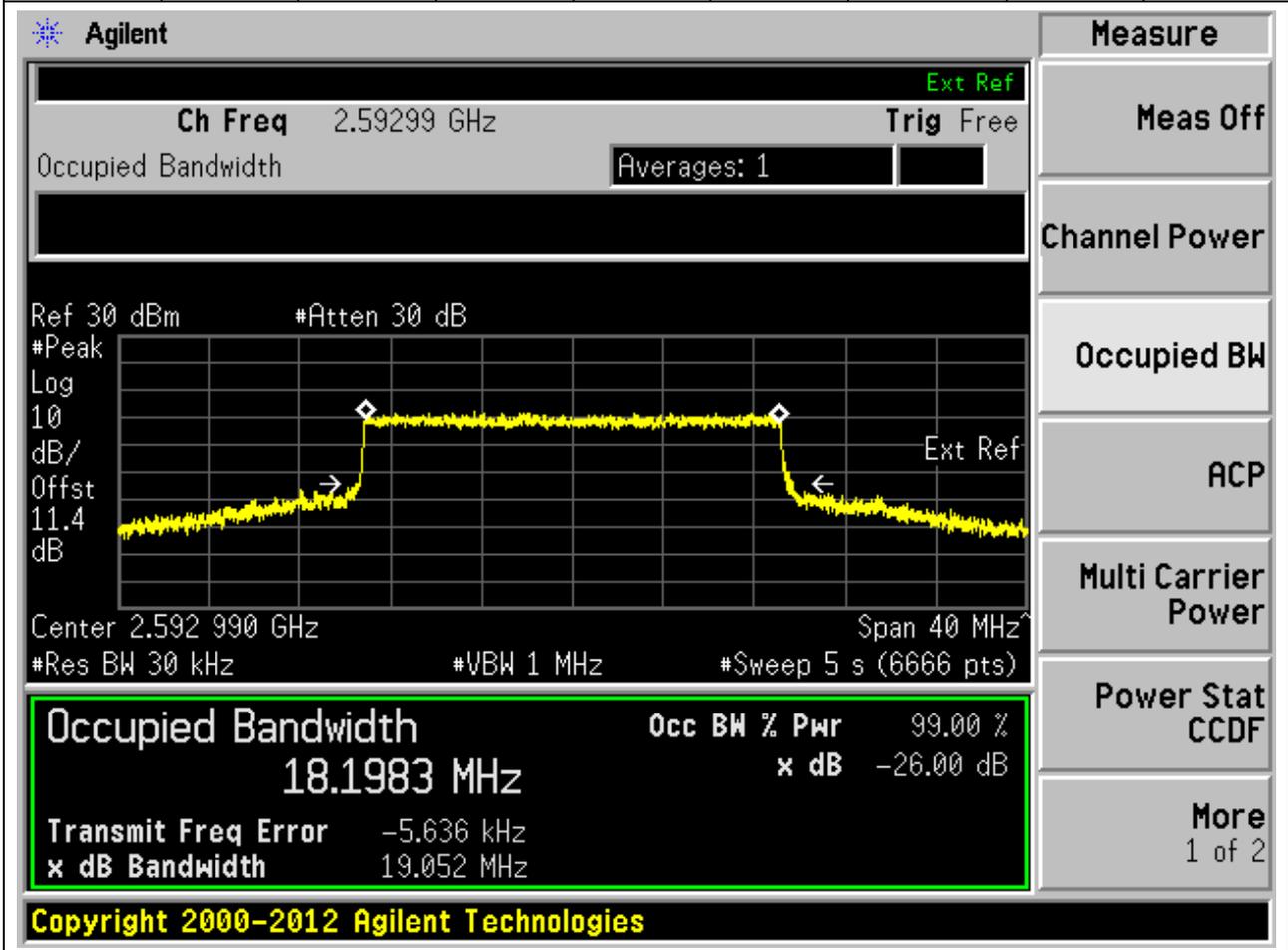
**3.7. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:501204, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:51, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2506.02                | 99            | 26            | 0.03      | Peak     | 18.19     | 19.21               | 20                | Pass    |



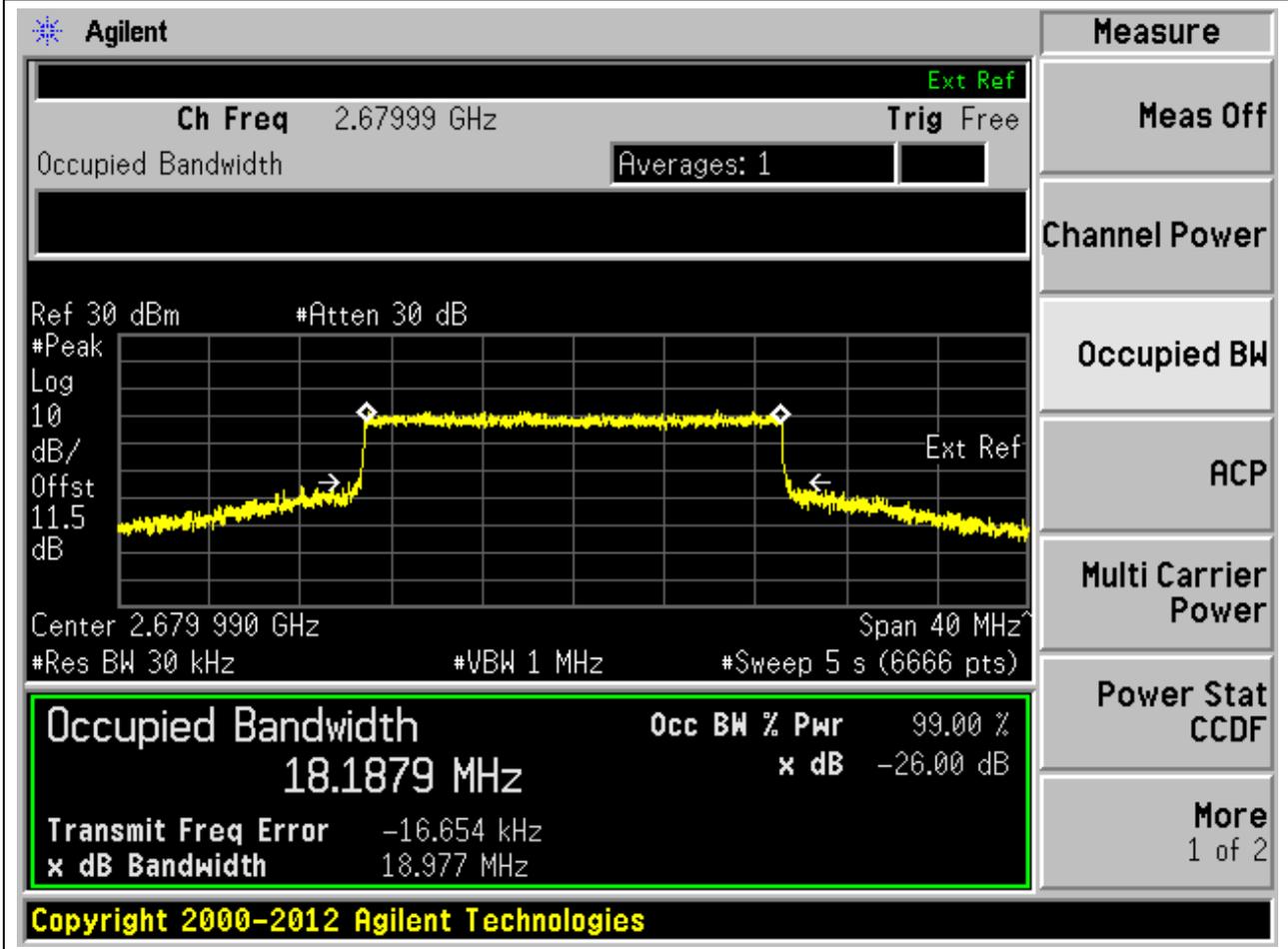
**3.8. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:51, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 0.03      | Peak     | 18.2      | 19.05               | 20                | Pass    |



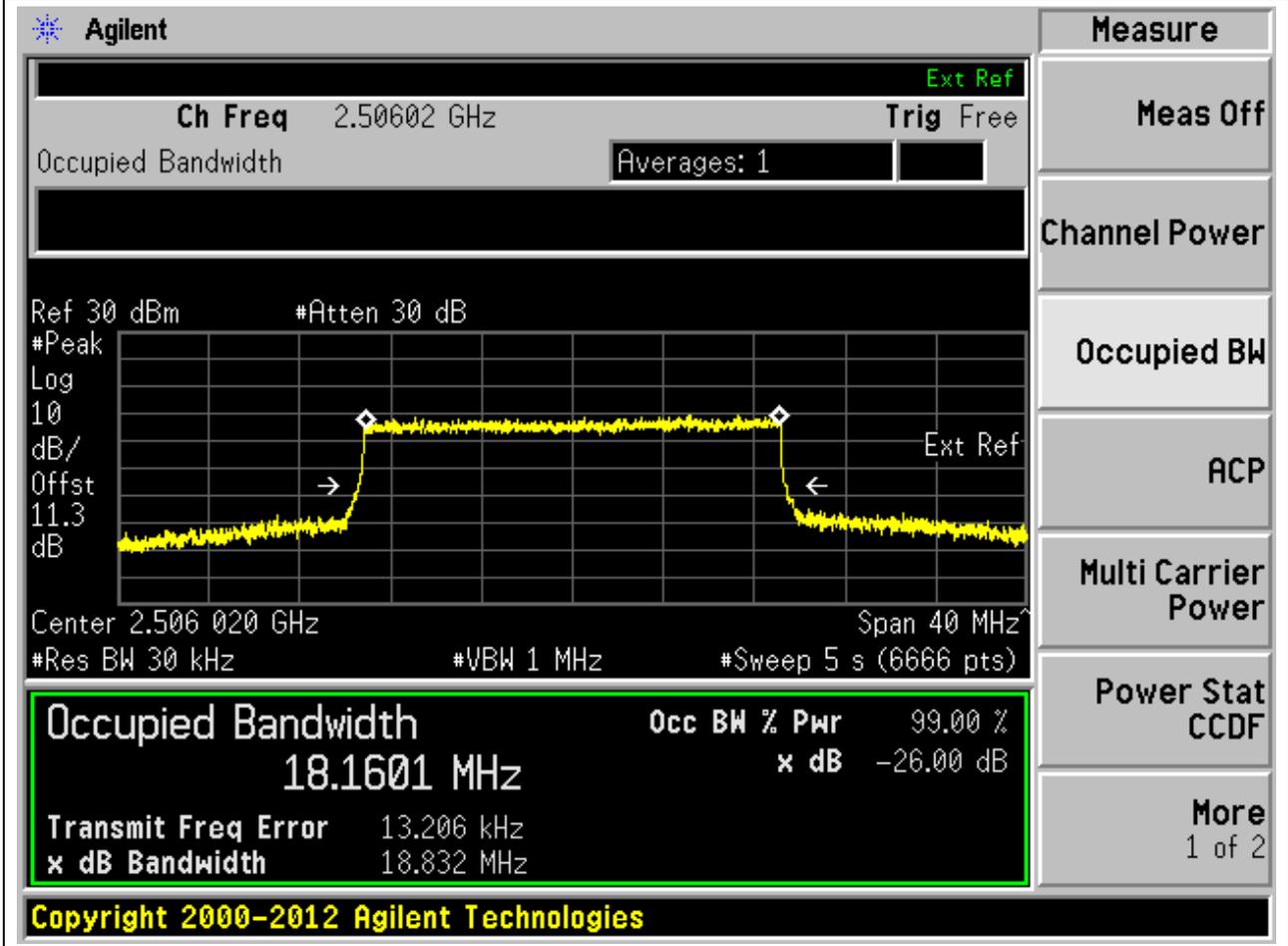
**3.9. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:535998, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:51, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2679.99                | 99            | 26            | 0.03      | Peak     | 18.19     | 18.98               | 20                | Pass    |



**3.10. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:501204, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:51, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2506.02                | 99            | 26            | 0.03      | Peak     | 18.16     | 18.83               | 20                | Pass    |



**3.11. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:51, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 0.03      | Peak     | 18.18     | 18.99               | 20                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The measurement results are as follows:

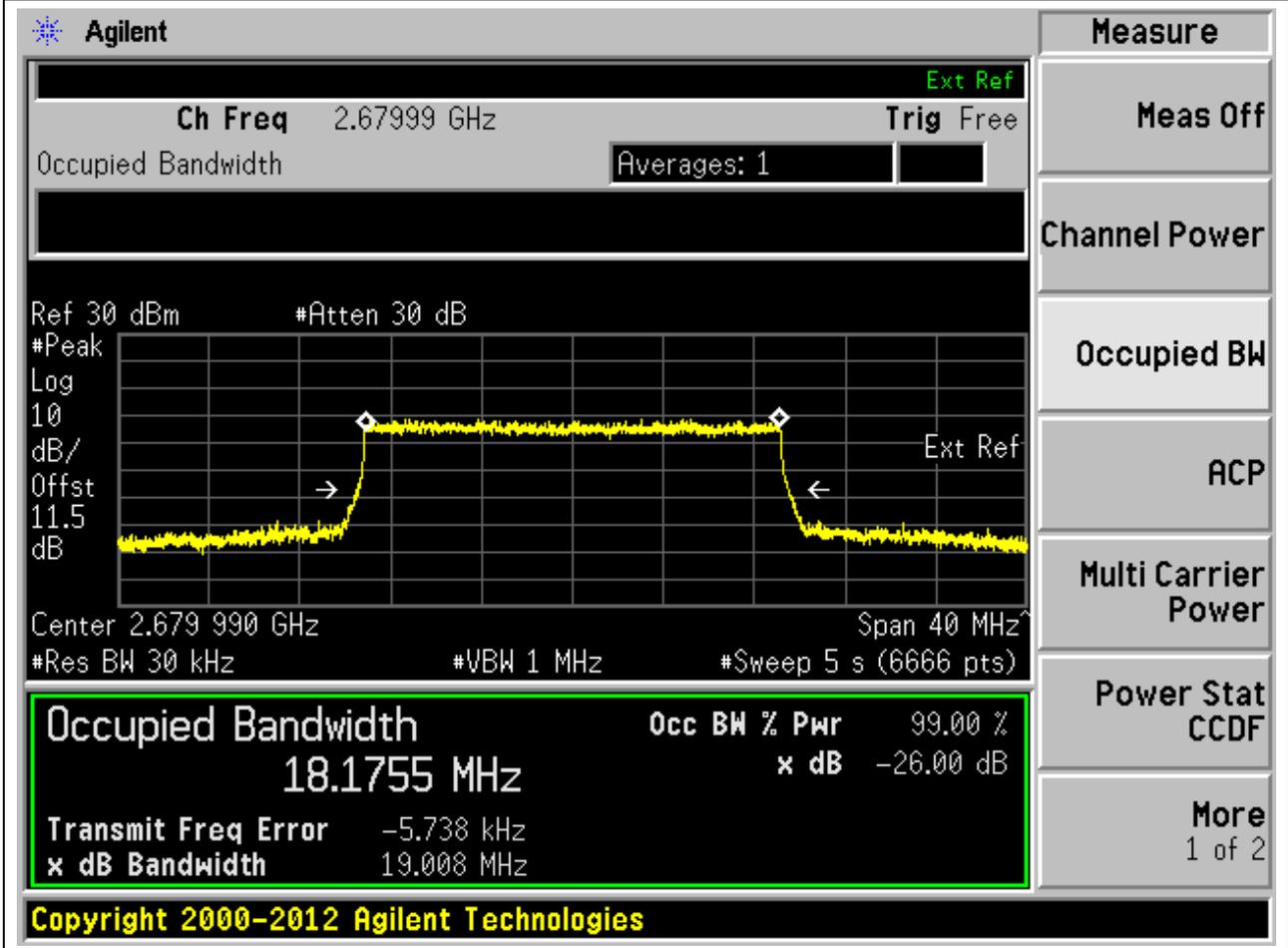
| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 18.1787 MHz |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | -5.478 kHz  |
| x dB Bandwidth      | 18.988 MHz  |

Additional parameters shown in the interface include: Ch Freq 2.59299 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst 11.4 dB, Center 2.592 990 GHz, Span 40 MHz, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 5 s (6666 pts).

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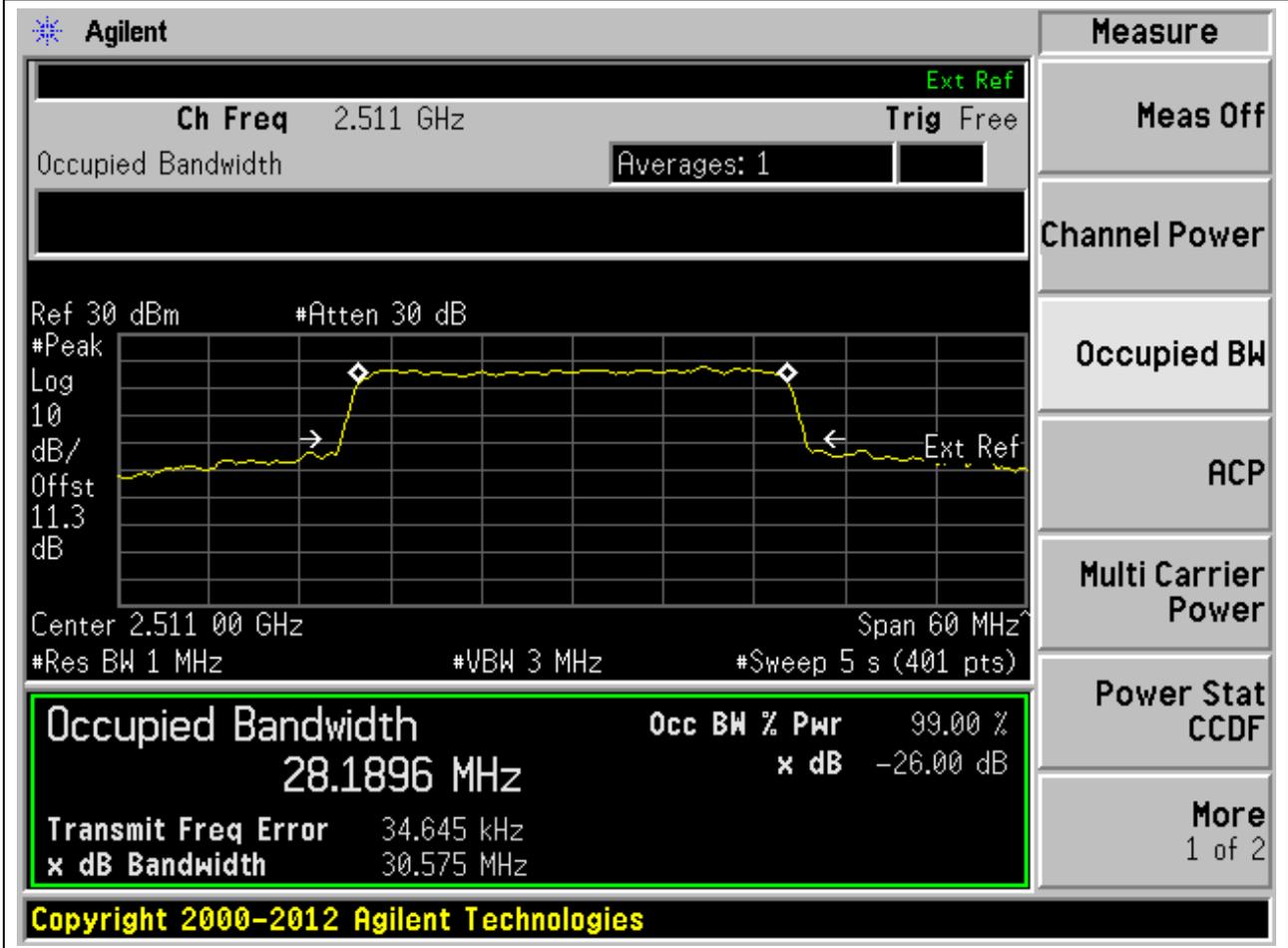
**3.12. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:535998, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:51, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2679.99                | 99            | 26            | 0.03      | Peak     | 18.18     | 19.01               | 20                | Pass    |



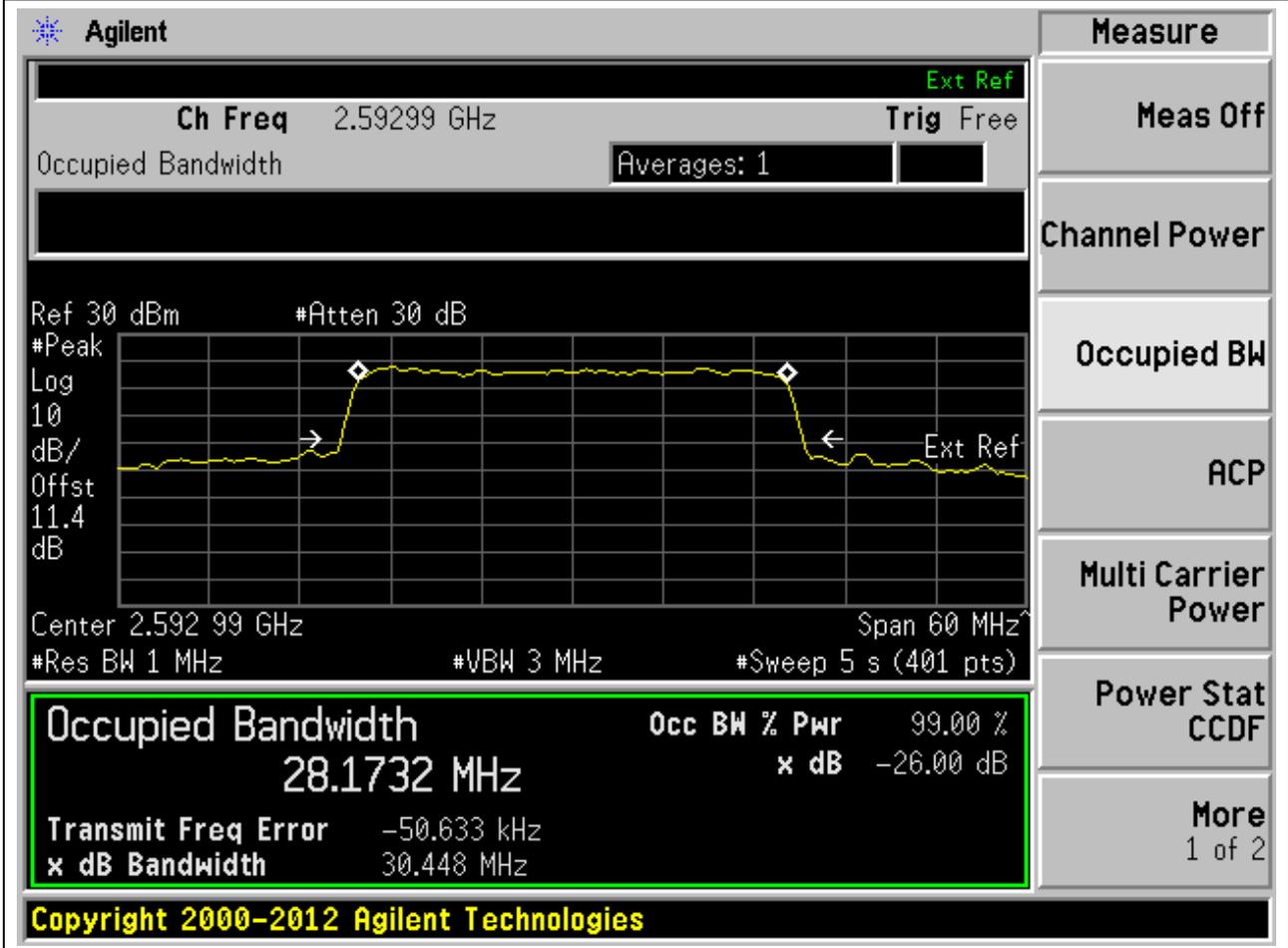
**3.13. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:502200, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:78, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2511                   | 99            | 26            | 1         | Peak     | 28.19     | 30.58               | 30                | Pass    |



**3.14. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:78, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 1         | Peak     | 28.17     | 30.45               | 30                | Pass    |



**3.15. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:534996, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:78, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2674.98                | 99            | 26            | 1         | Peak     | 28.16     | 30.49               | 30                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The results are as follows:

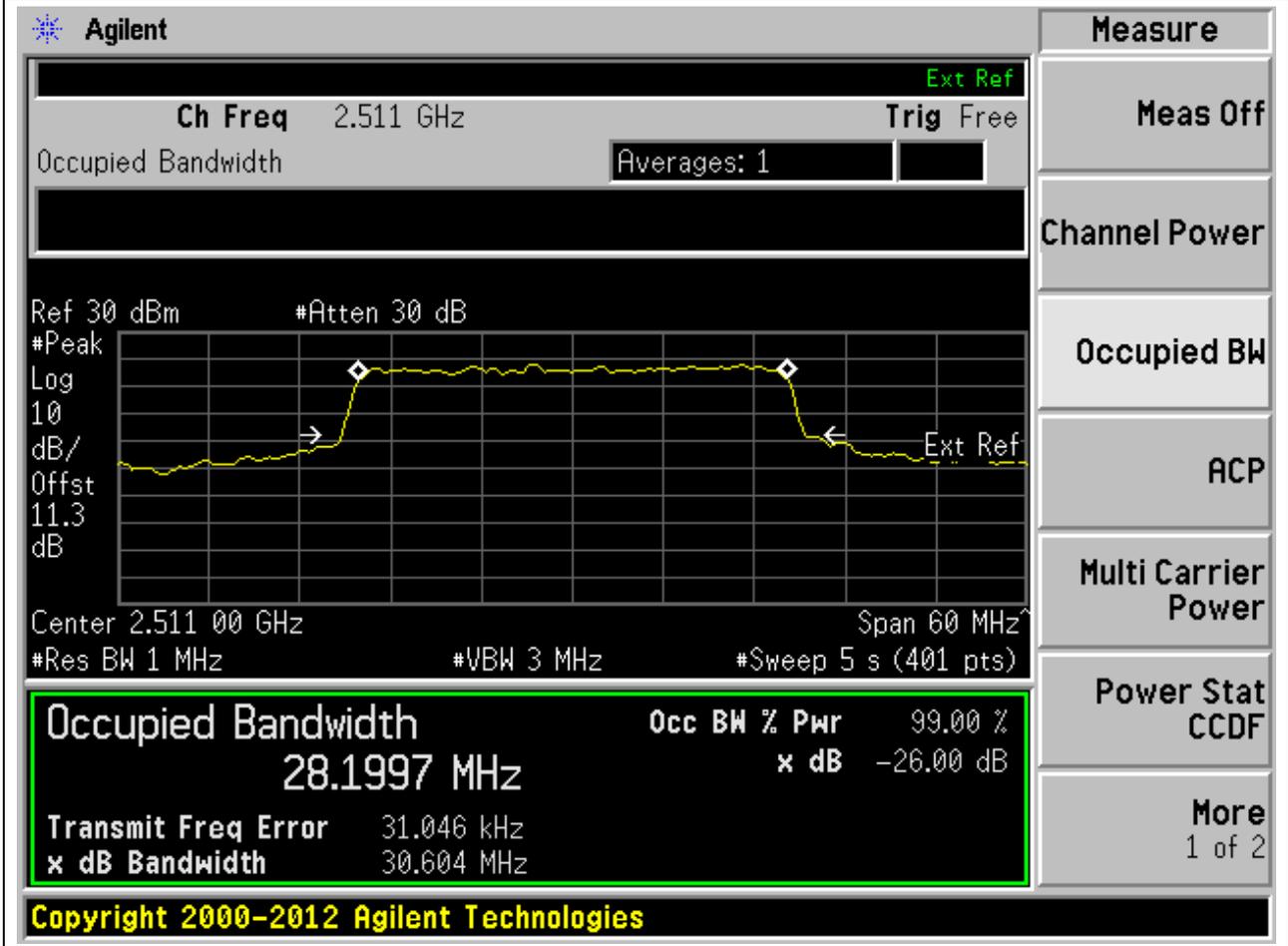
| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 28.1617 MHz |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | -36.161 kHz |
| x dB Bandwidth      | 30.490 MHz  |

Additional parameters shown in the interface include: Ch Freq 2.67498 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.4 dB, Center 2.674 98 GHz, Span 60 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

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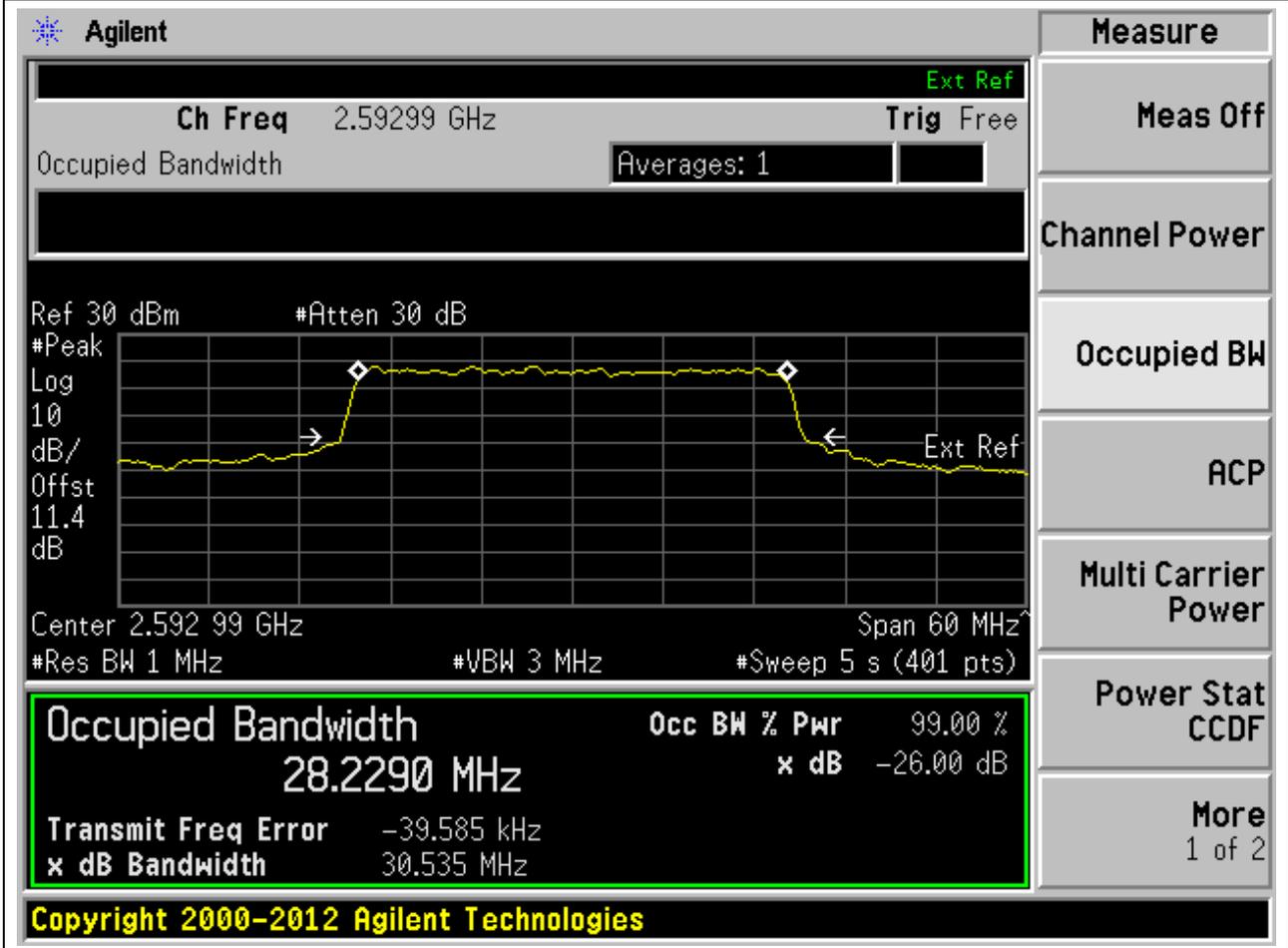
**3.16. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:502200, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:78, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2511                   | 99            | 26            | 1         | Peak     | 28.2      | 30.6                | 30                | Pass    |



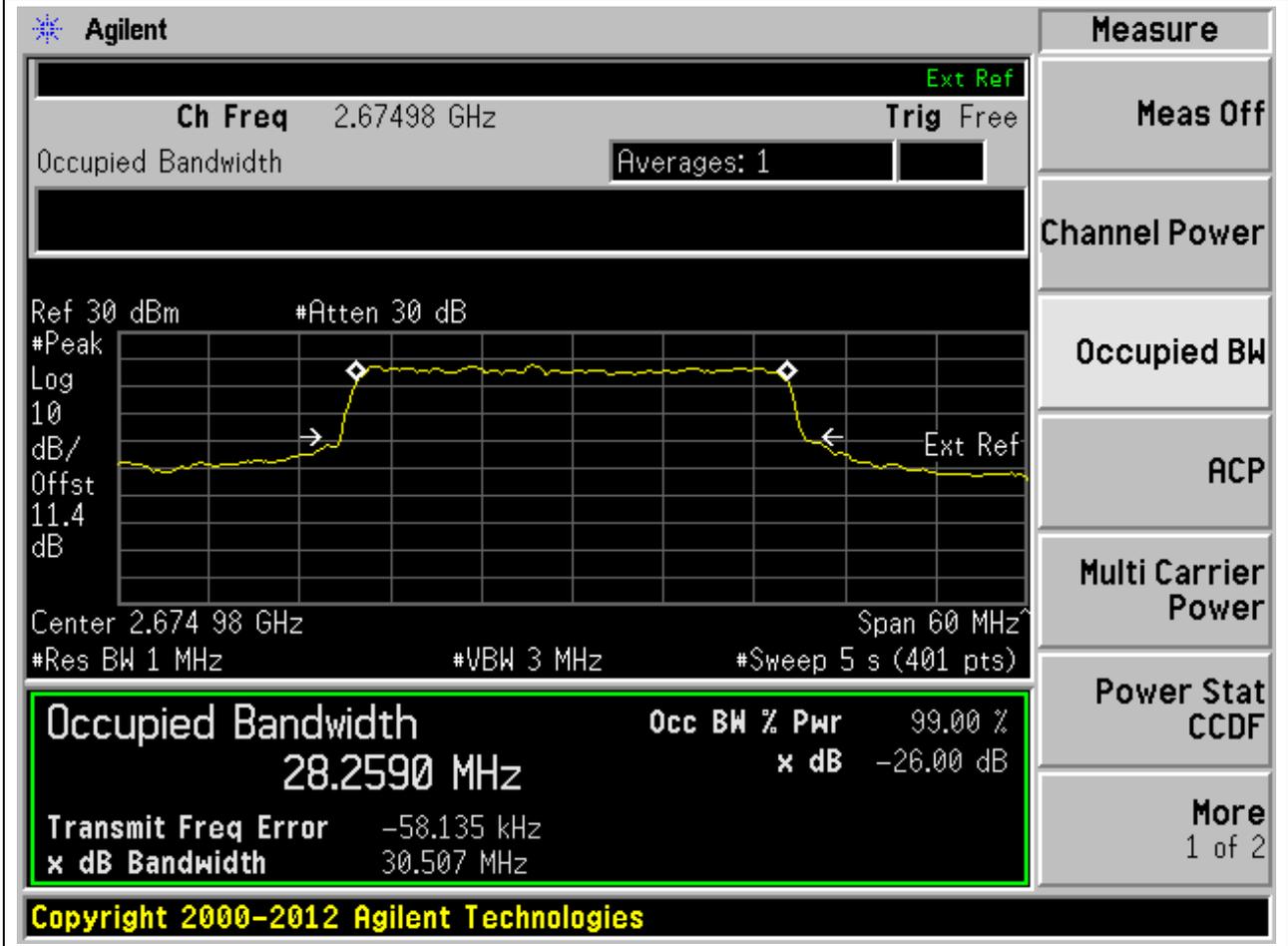
**3.17. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:78, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 1         | Peak     | 28.23     | 30.53               | 30                | Pass    |



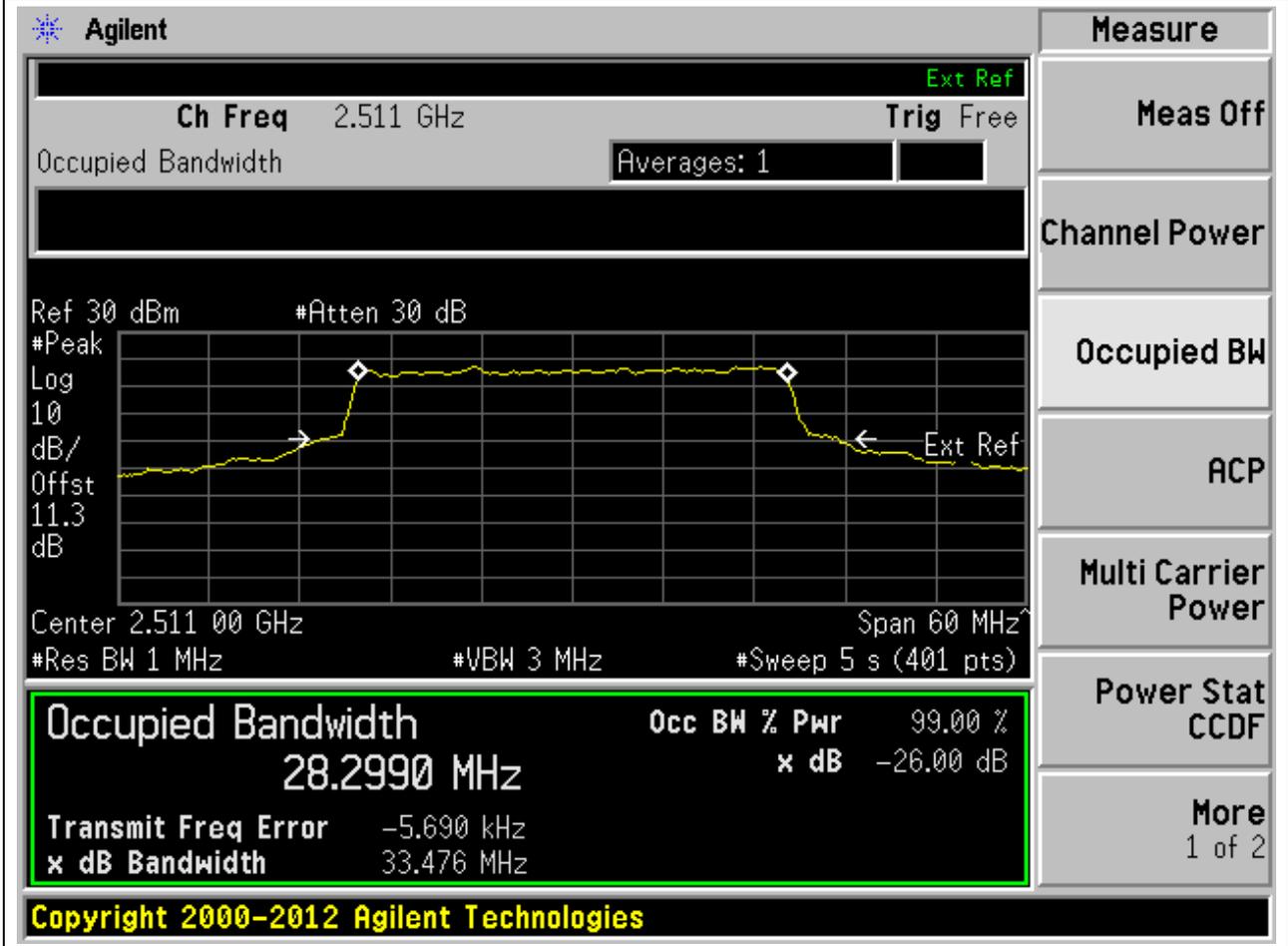
**3.18. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:534996, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:78, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2674.98                | 99            | 26            | 1         | Peak     | 28.26     | 30.51               | 30                | Pass    |



**3.19. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:502200, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:78, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2511                   | 99            | 26            | 1         | Peak     | 28.3      | 33.48               | 30                | Pass    |



**3.20. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:78, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 1         | Peak     | 28.31     | 31.05               | 30                | Pass    |

Agilent
Measure

Ch Freq 2.59299 GHz Trig Free

Occupied Bandwidth Averages: 1

Center 2.592 99 GHz Span 60 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**Occupied Bandwidth**

**28.3108 MHz**

Transmit Freq Error -77.836 kHz

x dB Bandwidth 31.052 MHz

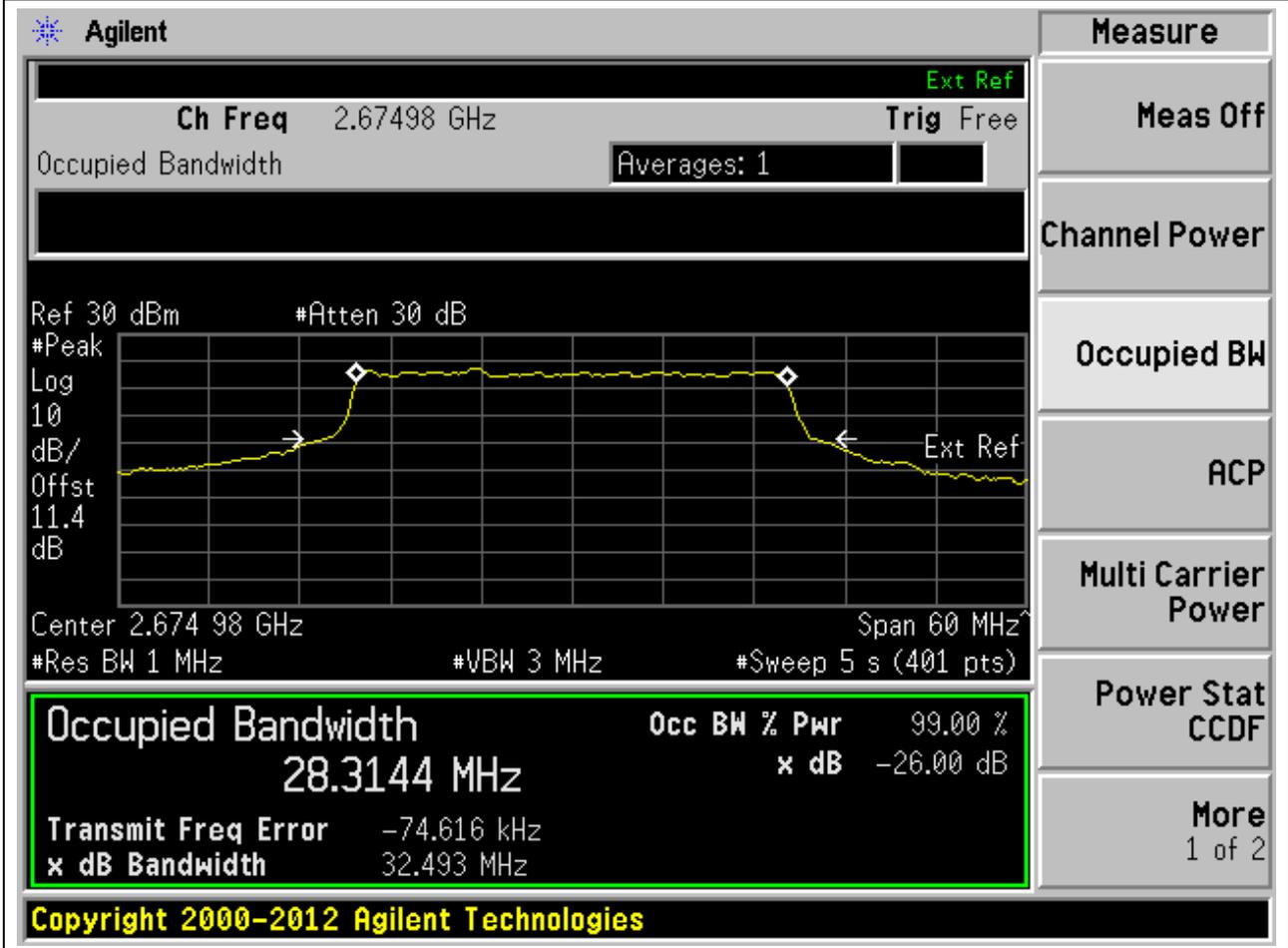
Occ BW % Pwr 99.00 %

x dB -26.00 dB

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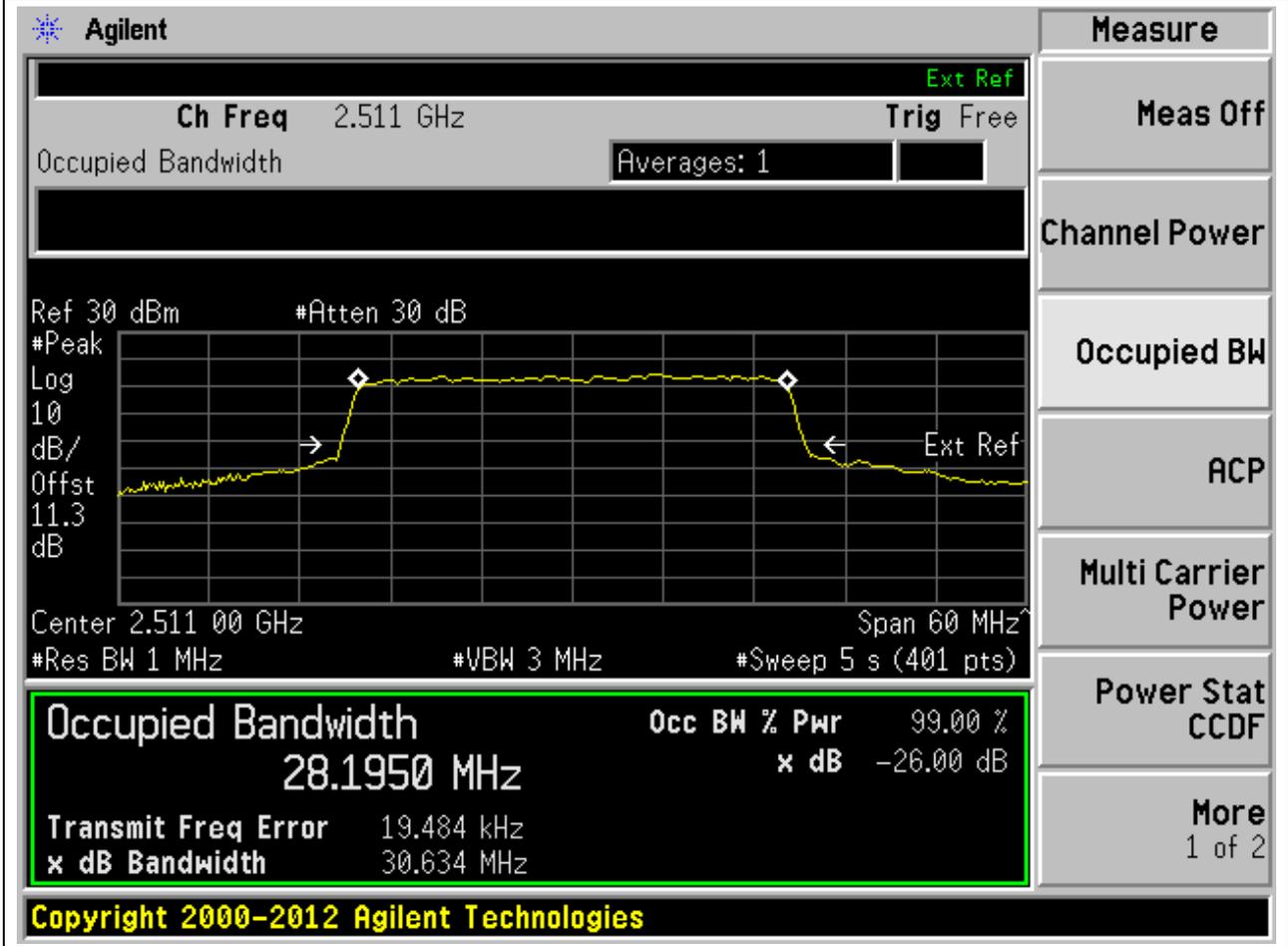
**3.21. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:534996, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:78, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2674.98                | 99            | 26            | 1         | Peak     | 28.31     | 32.49               | 30                | Pass    |



**3.22. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:502200, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:78, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2511                   | 99            | 26            | 1         | Peak     | 28.2      | 30.63               | 30                | Pass    |



**3.23. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:78, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 1         | Peak     | 28.2      | 30.56               | 30                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.59299 GHz, and the span is 60 MHz. The occupied bandwidth is measured as 28.2037 MHz. The power is 99.00% and the XdB bandwidth is -26.00 dB. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 28.2037 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: -51.642 kHz  
 x dB Bandwidth: 30.562 MHz

**3.24. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:534996, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:78, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2674.98                | 99            | 26            | 1         | Peak     | 28.22     | 30.58               | 30                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 2.67498 GHz, and the span is 60 MHz. The occupied bandwidth is measured as 28.2168 MHz. The power is 99.00% and the XdB bandwidth is -26.00 dB. The interface includes a 'Measure' panel on the right with buttons for 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 28.2168 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: -48.719 kHz  
x dB Bandwidth: 30.578 MHz

**3.25. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:503202, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2516.01                | 99            | 26            | 1         | Peak     | 37.94     | 40.55               | 40                | Pass    |

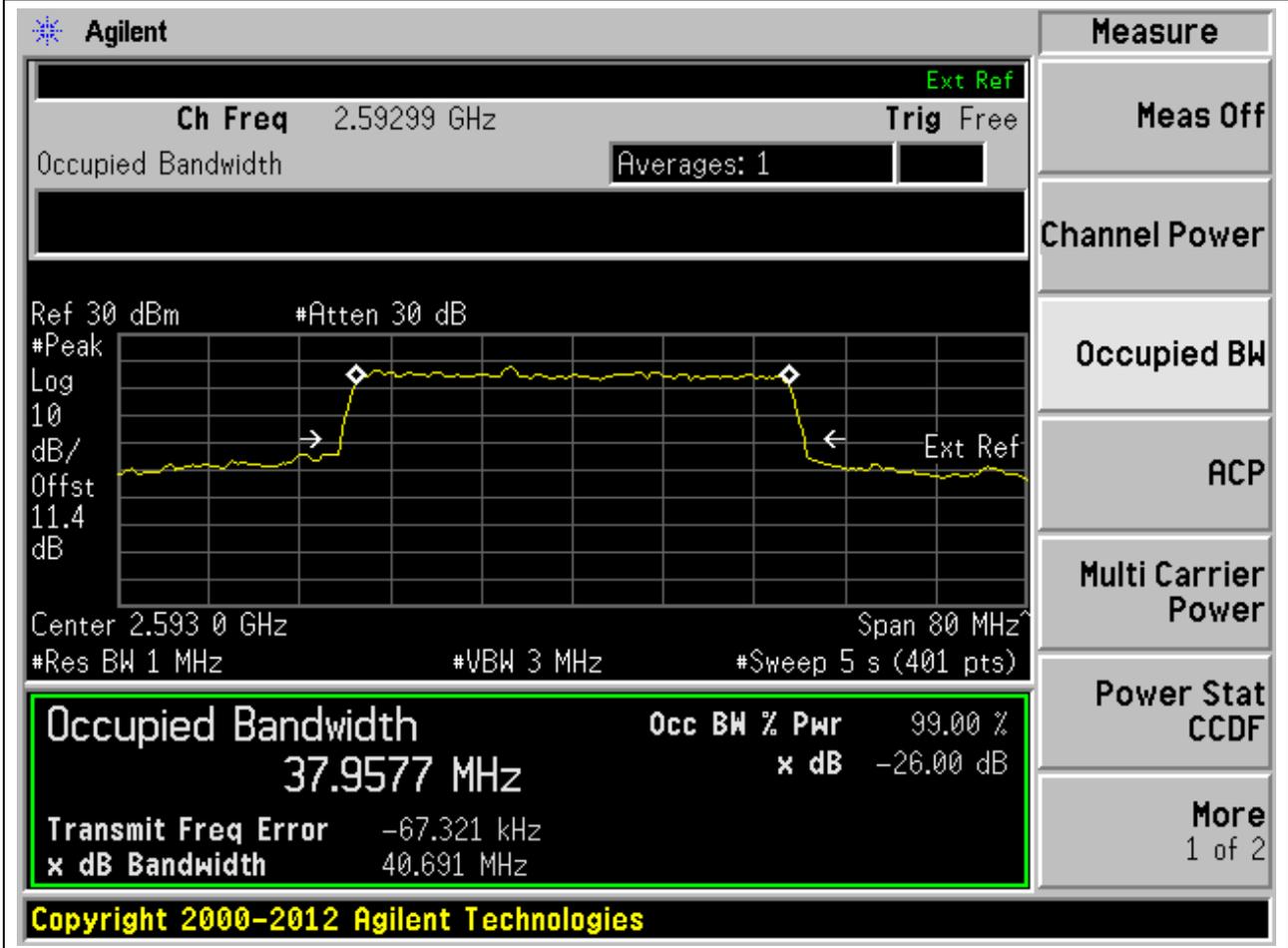
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.51601 GHz, and the span is 80 MHz. The occupied bandwidth is measured as 37.9378 MHz. The power is 99.00% and the XdB bandwidth is -26.00 dB. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 37.9378 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: 45.900 kHz  
x dB Bandwidth: 40.546 MHz

**3.26. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 1         | Peak     | 37.96     | 40.69               | 40                | Pass    |



**3.27. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:534000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2670                   | 99            | 26            | 1         | Peak     | 37.97     | 40.5                | 40                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.67 GHz, and the span is 80 MHz. The occupied bandwidth is measured as 37.9677 MHz. The power is 99.00% and the XdB bandwidth is -26.00 dB. The transmit frequency error is -52.550 kHz, and the XdB bandwidth is 40.497 MHz. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 37.9677 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: -52.550 kHz  
 x dB Bandwidth: 40.497 MHz

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**3.28. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:503202, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2516.01                | 99            | 26            | 1         | Peak     | 38.15     | 40.93               | 40                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.51601 GHz, and the span is 80 MHz. The occupied bandwidth is highlighted as 38.1496 MHz. The power is 99.00% and the XdB bandwidth is -26.00 dB. The interface includes various measurement buttons on the right side, such as 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

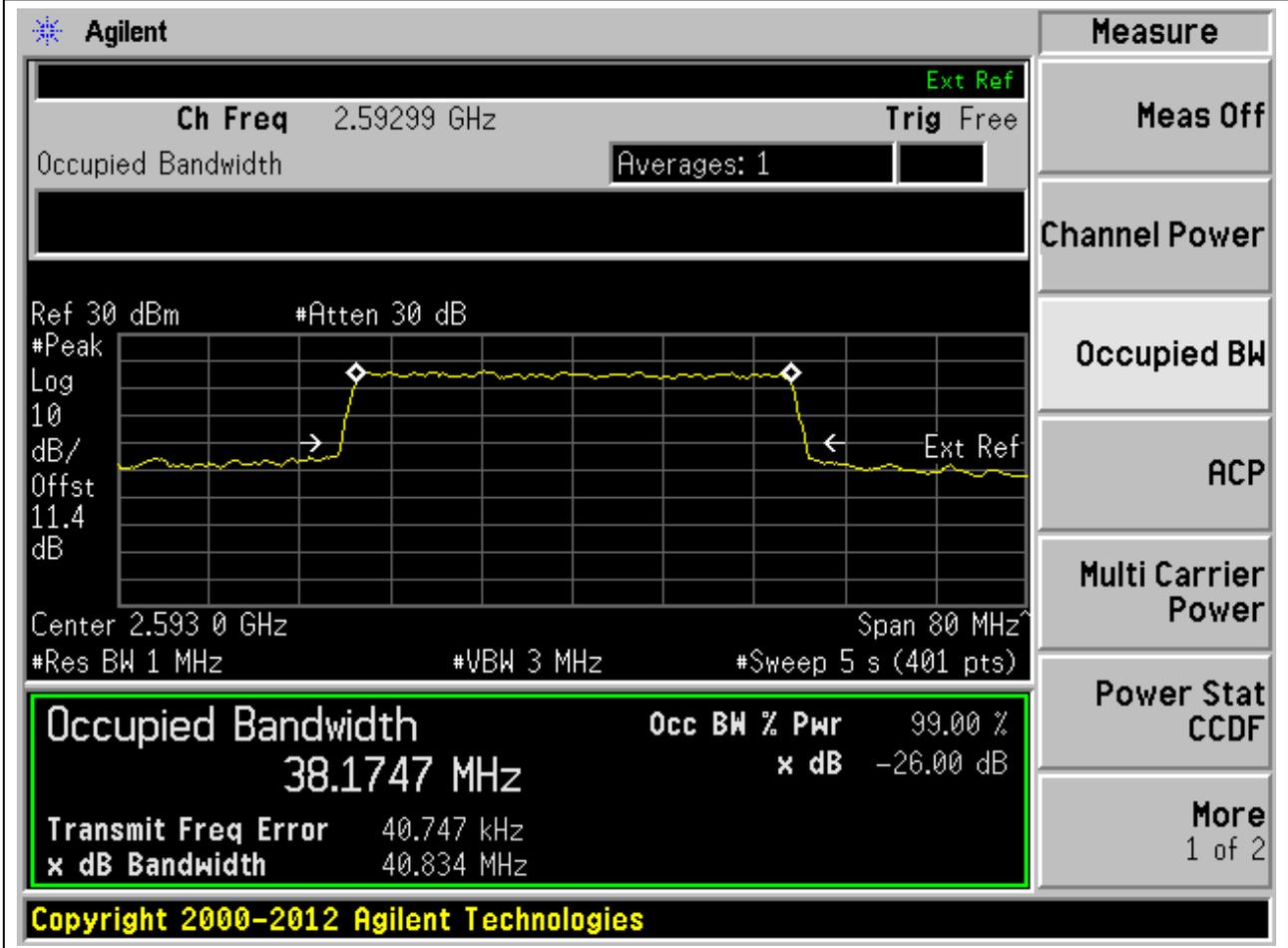
| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 38.1496 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: 125.922 kHz  
x dB Bandwidth: 40.927 MHz

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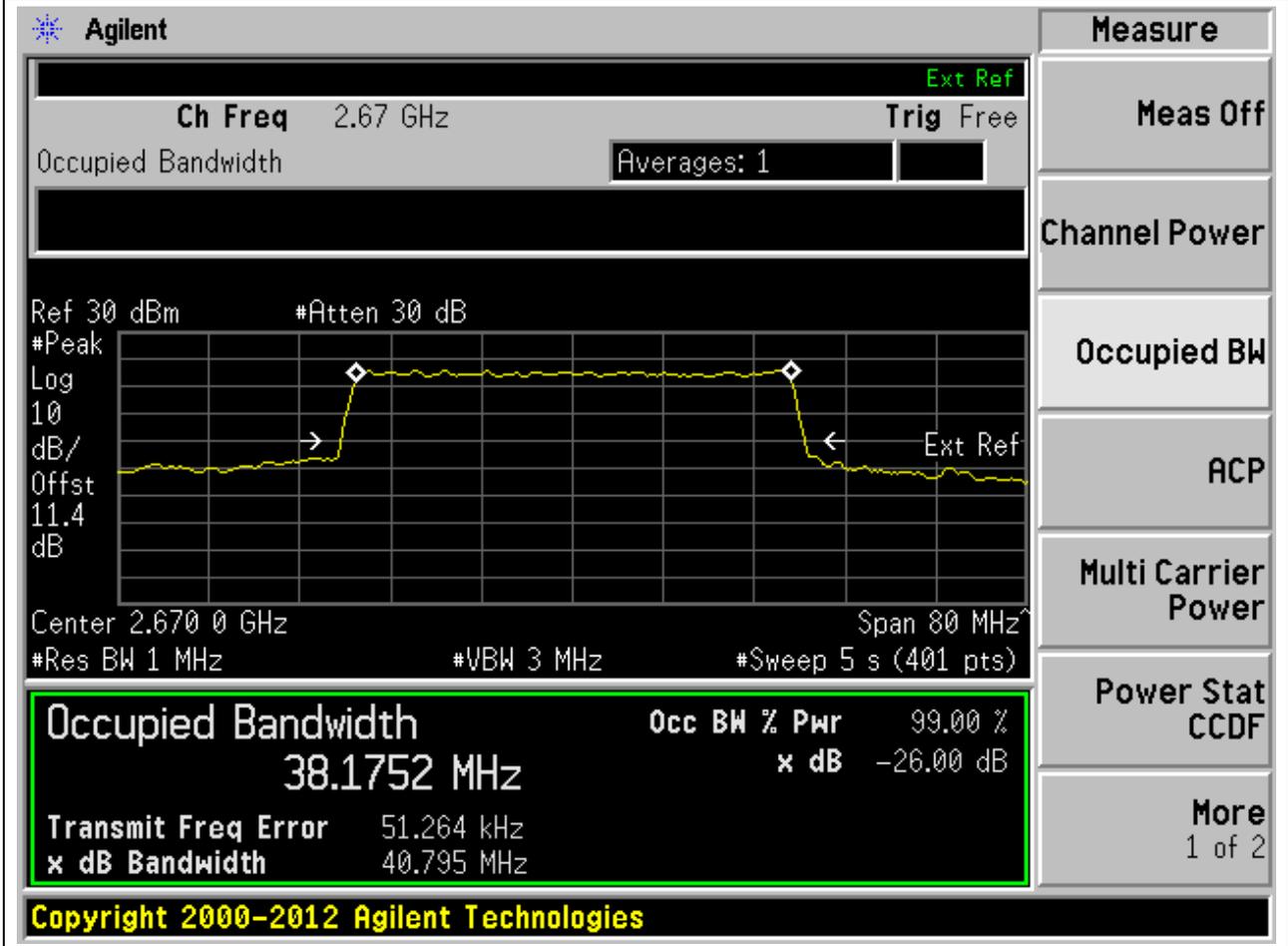
**3.29. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 1         | Peak     | 38.17     | 40.83               | 40                | Pass    |



**3.30. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:534000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2670                   | 99            | 26            | 1         | Peak     | 38.18     | 40.8                | 40                | Pass    |



**3.31. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:503202, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2516.01                | 99            | 26            | 1         | Peak     | 38.07     | 40.72               | 40                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.51601 GHz, and the span is 80 MHz. The occupied bandwidth is highlighted in green, showing 38.0681 MHz. The power is 99.00% and the XdB bandwidth is -26.00 dB. The interface includes various measurement buttons on the right side, such as 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

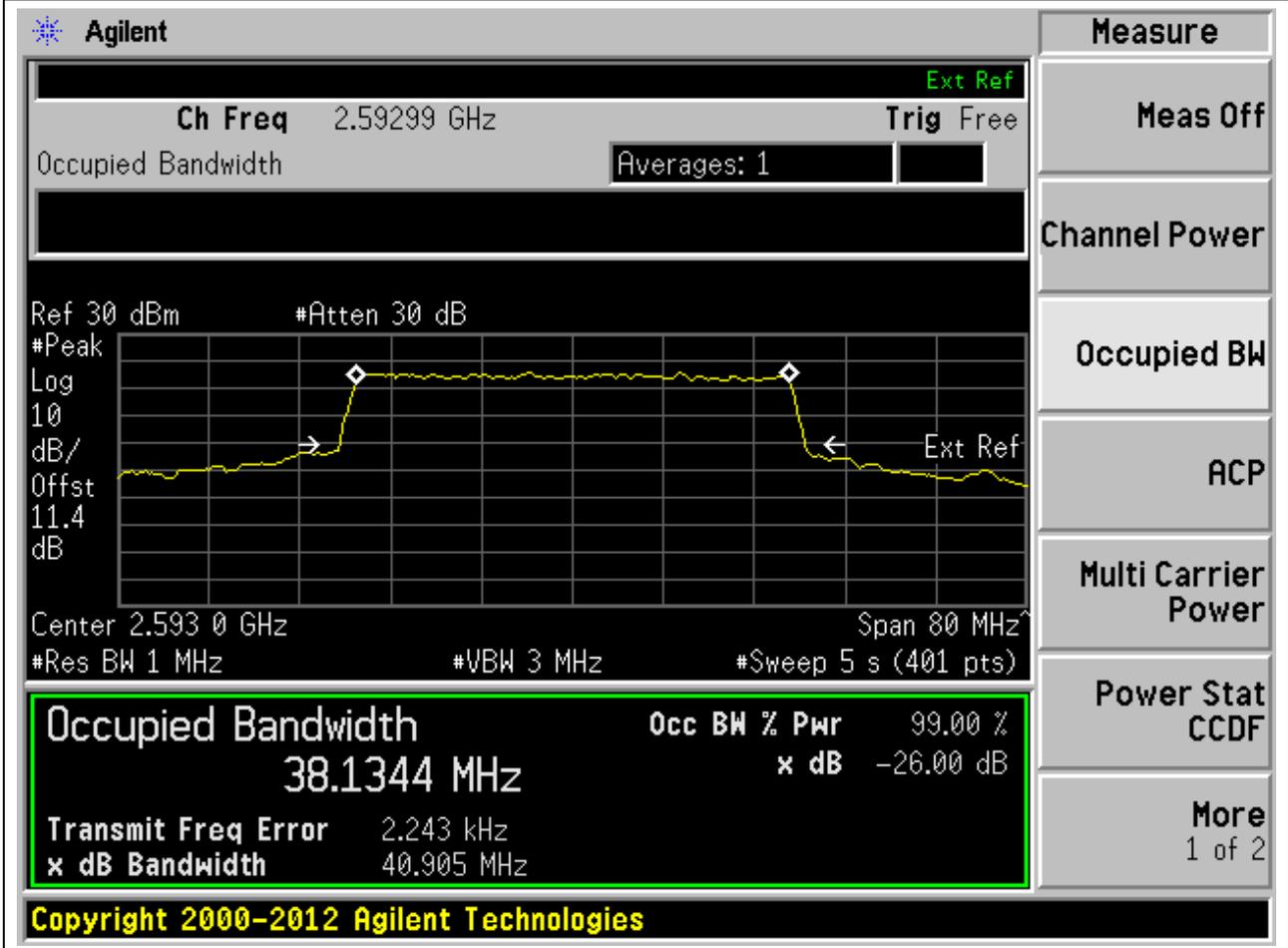
| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 38.0681 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: 100.532 kHz  
x dB Bandwidth: 40.719 MHz

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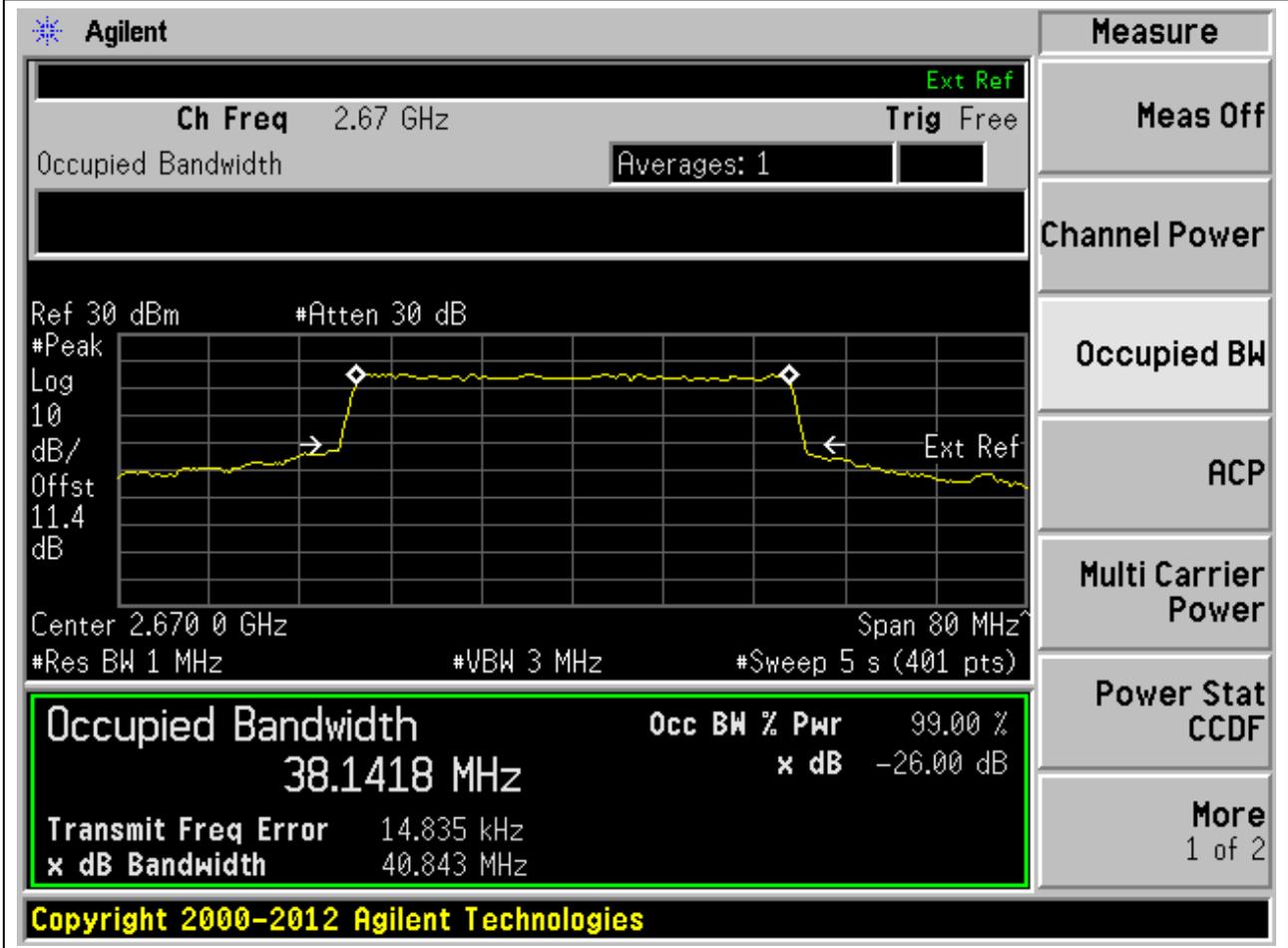
**3.32. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 1         | Peak     | 38.13     | 40.91               | 40                | Pass    |



**3.33. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:534000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2670                   | 99            | 26            | 1         | Peak     | 38.14     | 40.84               | 40                | Pass    |



**3.34. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:503202, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2516.01                | 99            | 26            | 1         | Peak     | 38.01     | 40.67               | 40                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 2.51601 GHz. The main display shows a spectrum plot with a yellow trace. The plot parameters include a reference level of 30 dBm, a 30 dB attenuator, a resolution bandwidth of 1 MHz, and a video bandwidth of 3 MHz. The span is 80 MHz. The measurement results are highlighted in a green box:

|                            |                     |            |
|----------------------------|---------------------|------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> | 99.00 %    |
| <b>38.0126 MHz</b>         | <b>x dB</b>         | -26.00 dB  |
| <b>Transmit Freq Error</b> |                     | 15.267 kHz |
| <b>x dB Bandwidth</b>      |                     | 40.673 MHz |

On the right side of the interface, there is a 'Measure' menu with options: Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

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**3.35. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 1         | Peak     | 38.03     | 40.68               | 40                | Pass    |

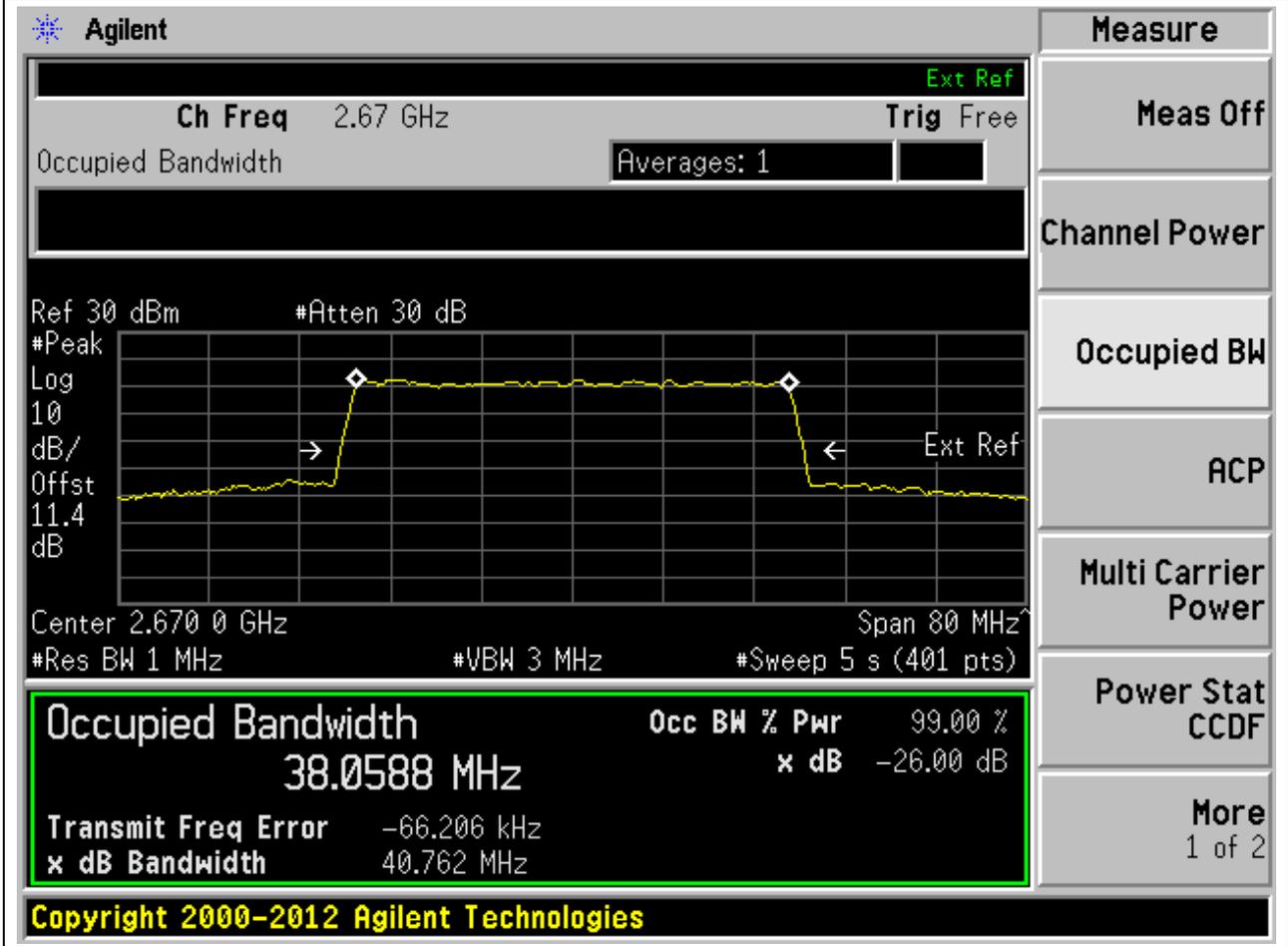
The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows the channel frequency as 2.59299 GHz and the trigger mode as Free. The main display area shows a spectrum plot with a yellow trace representing the signal. The plot is set to a reference level of 30 dBm and an attenuation of 30 dB. The occupied bandwidth is highlighted in a green box, showing a value of 38.0290 MHz. Other parameters shown include a transmit frequency error of -79.214 kHz and an x dB bandwidth of 40.684 MHz. The right-hand side of the interface features a 'Measure' menu with options like Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 38.0290 MHz        | 99.00 %      | -26.00 dB |

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**3.36. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:534000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2670                   | 99            | 26            | 1         | Peak     | 38.06     | 40.76               | 40                | Pass    |



**3.37. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:504204, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2521.02                | 99            | 26            | 1         | Peak     | 47.56     | 50.26               | 50                | Pass    |

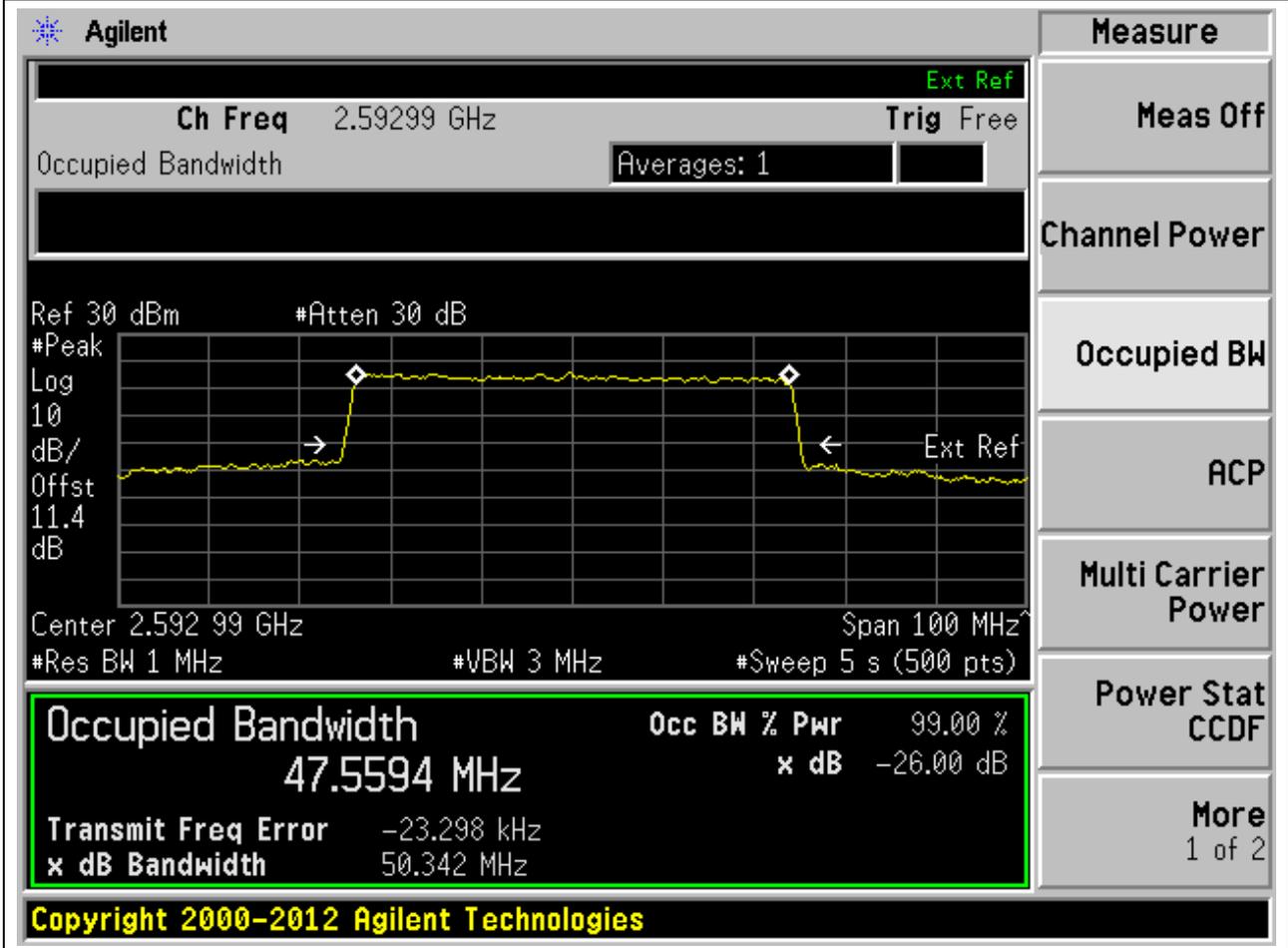
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.52102 GHz, and the span is 100 MHz. The occupied bandwidth is measured as 47.5617 MHz, which is 99.00% of the 50 MHz channel bandwidth. The XdB bandwidth is -26.00 dB. The transmit frequency error is 105.406 kHz. The XdB bandwidth is 50.262 MHz. The interface also shows various measurement settings like Res BW (1 MHz), VBW (3 MHz), and Sweep (5 s).

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 47.5617 MHz        | 99.00 %      | -26.00 dB |

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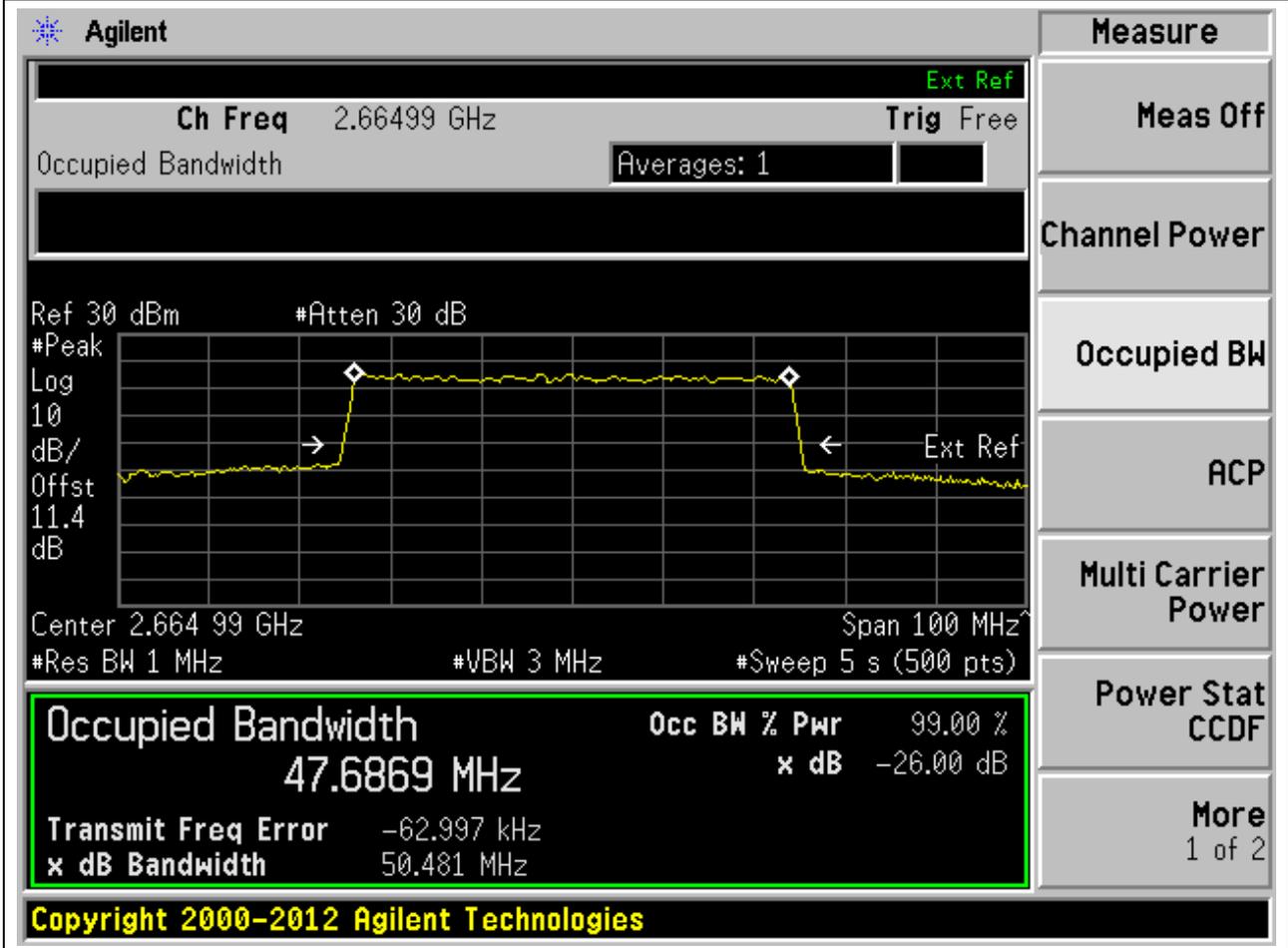
**3.38. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 1         | Peak     | 47.56     | 50.34               | 50                | Pass    |



**3.39. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:532998, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2664.99                | 99            | 26            | 1         | Peak     | 47.69     | 50.48               | 50                | Pass    |



**3.40. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:504204, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:133, RB Position:0)**

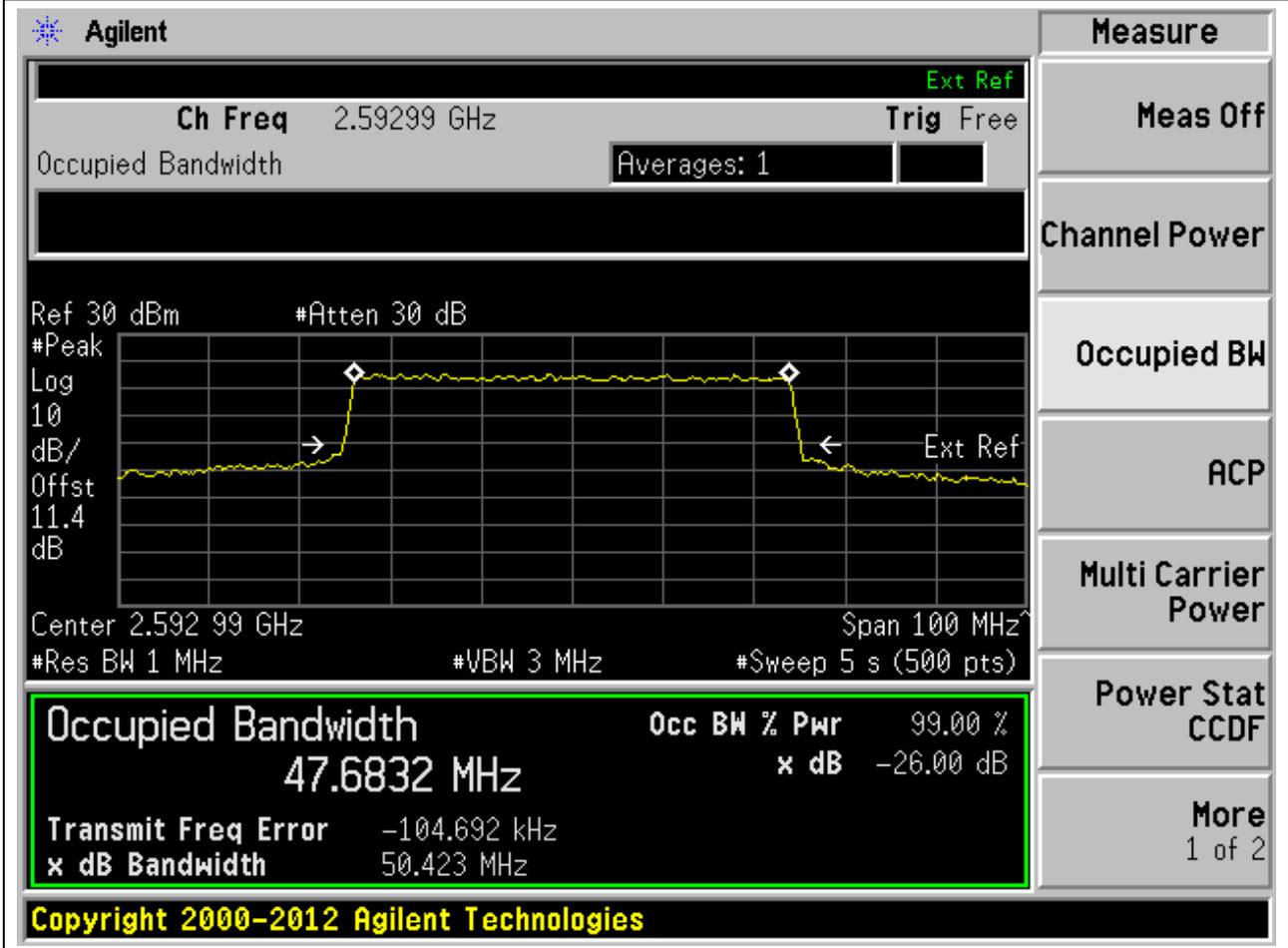
| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2521.02                | 99            | 26            | 1         | Peak     | 47.71     | 50.5                | 50                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 2.52102 GHz. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'Log 10 dB/Offst 11.2 dB'. The x-axis is labeled 'Center 2.521 02 GHz' and 'Span 100 MHz'. The plot shows a signal with a peak at approximately 2.521 GHz. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen, showing a value of 47.7103 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is 2.673 kHz and the 'x dB Bandwidth' is 50.501 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

| Measure             |
|---------------------|
| Meas Off            |
| Channel Power       |
| Occupied BW         |
| ACP                 |
| Multi Carrier Power |
| Power Stat CCDF     |
| More 1 of 2         |

**3.41. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:133, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 1         | Peak     | 47.68     | 50.42               | 50                | Pass    |



**3.42. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:532998, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:133, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2664.99                | 99            | 26            | 1         | Peak     | 47.71     | 50.27               | 50                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal trace with a yellow line representing the signal level. The measurement results are summarized in a table at the bottom of the screen:

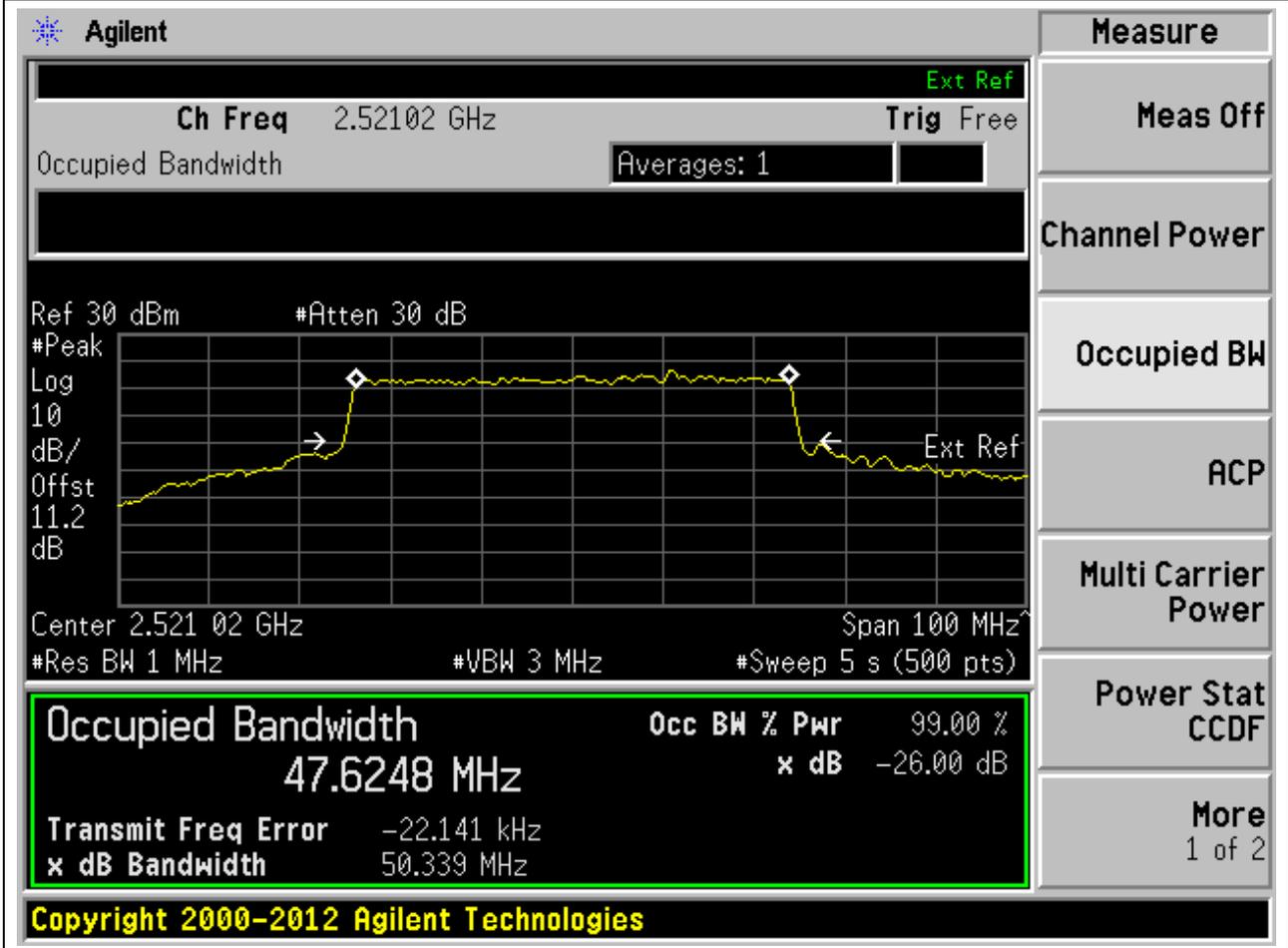
| Occupied Bandwidth  | Occ BW % Pwr | x dB      |
|---------------------|--------------|-----------|
| 47.7131 MHz         | 99.00 %      | -26.00 dB |
| Transmit Freq Error | -80.624 kHz  |           |
| x dB Bandwidth      | 50.271 MHz   |           |

Additional parameters shown in the interface include: Ch Freq 2.66499 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.4 dB, Center 2.664 99 GHz, Span 100 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (500 pts).

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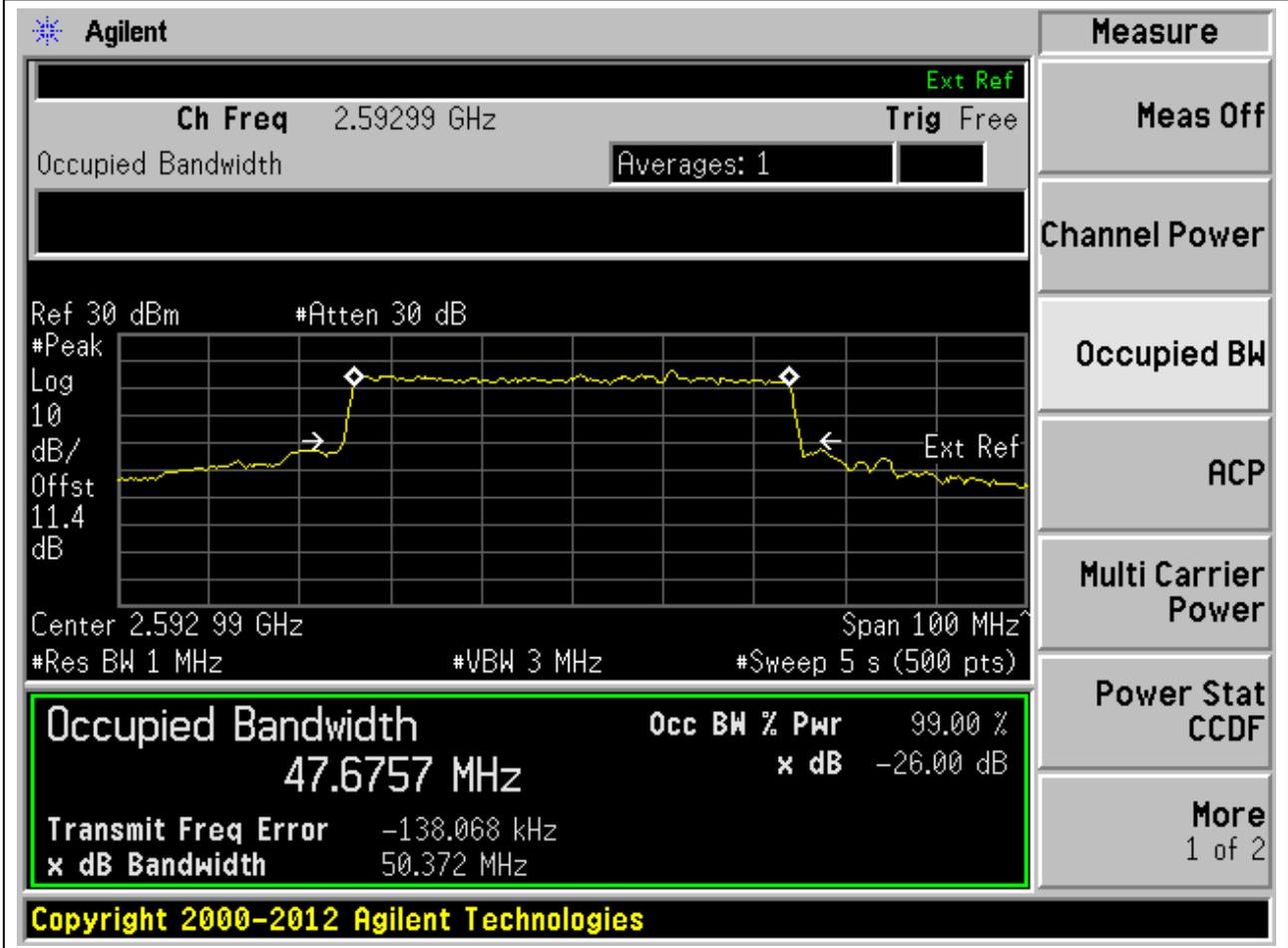
**3.43. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:504204, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:133, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2521.02                | 99            | 26            | 1         | Peak     | 47.62     | 50.34               | 50                | Pass    |



**3.44. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:133, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 1         | Peak     | 47.68     | 50.37               | 50                | Pass    |



**3.45. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:532998, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:133, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2664.99                | 99            | 26            | 1         | Peak     | 47.72     | 50.47               | 50                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.66499 GHz, and the span is 100 MHz. The occupied bandwidth is measured as 47.7161 MHz. The power is 99.00% and the XdB bandwidth is -26.00 dB. The transmit frequency error is -129.126 kHz, and the XdB bandwidth is 50.469 MHz. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 47.7161 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: -129.126 kHz  
 x dB Bandwidth: 50.469 MHz

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**3.46. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:504204, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:133, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2521.02                | 99            | 26            | 1         | Peak     | 47.59     | 50.44               | 50                | Pass    |

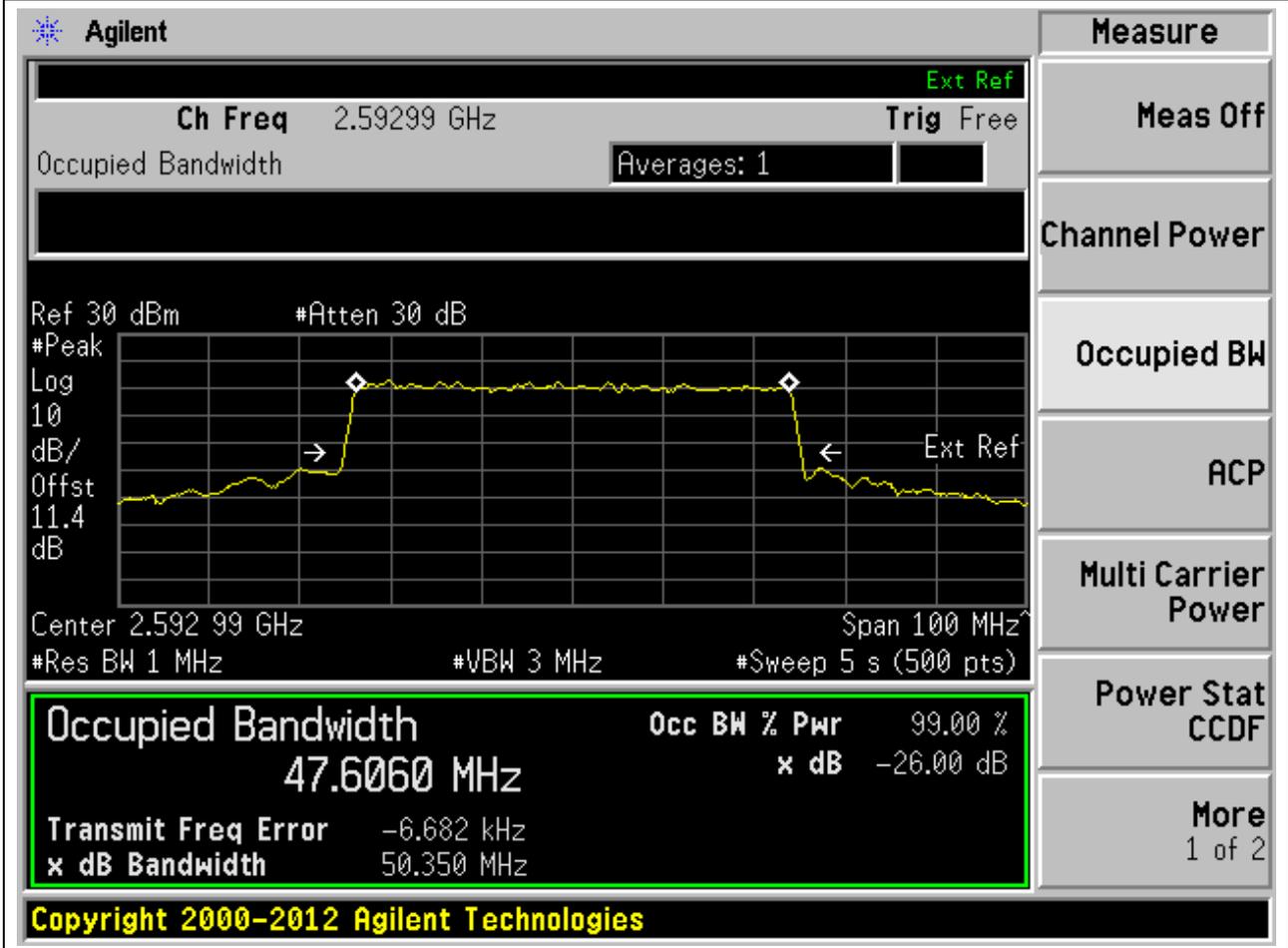
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.52102 GHz, and the span is 100 MHz. The occupied bandwidth is measured as 47.5918 MHz. The power is 99.00% and the XdB bandwidth is -26.00 dB. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 47.5918 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: 102.328 kHz  
 x dB Bandwidth: 50.440 MHz

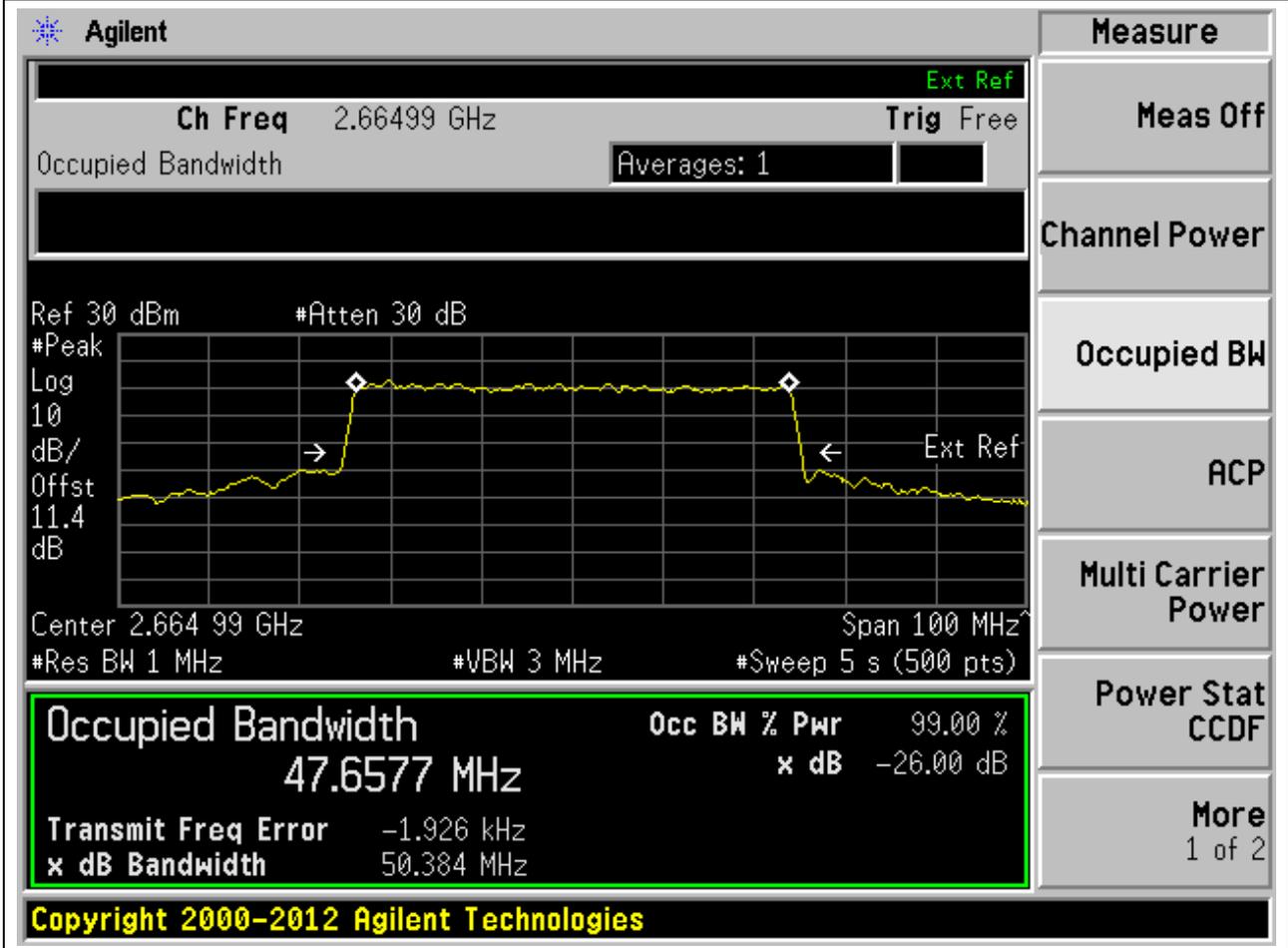
**3.47. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:133, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 1         | Peak     | 47.61     | 50.35               | 50                | Pass    |



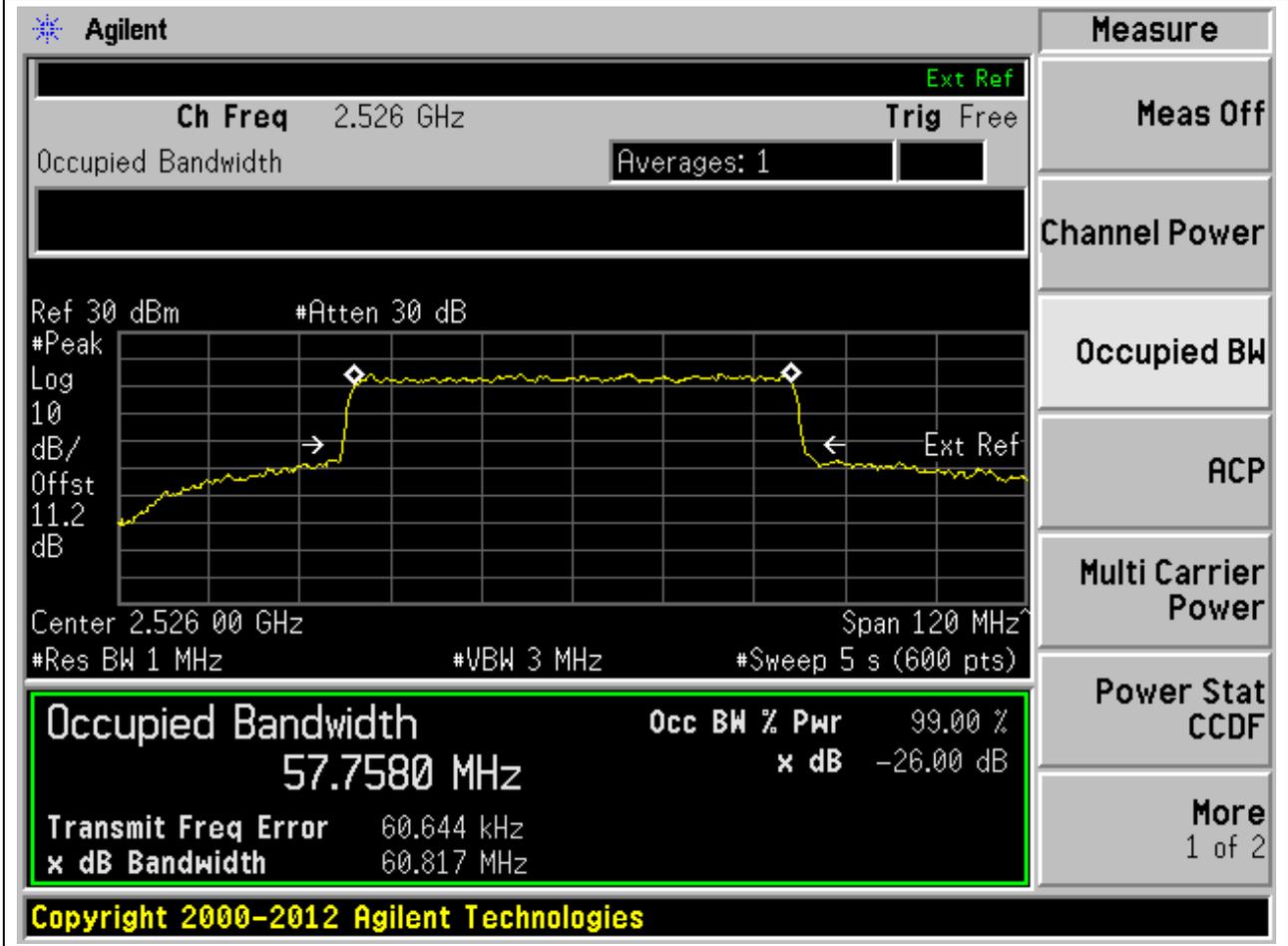
**3.48. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:532998, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:133, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2664.99                | 99            | 26            | 1         | Peak     | 47.66     | 50.38               | 50                | Pass    |



**3.49. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:505200, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:162, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2526                   | 99            | 26            | 1         | Peak     | 57.76     | 60.82               | 60                | Pass    |



**3.50. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:162, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 1         | Peak     | 57.8      | 60.69               | 60                | Pass    |

**Agilent**

Ch Freq 2.59299 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.4 dB

Center 2.592 99 GHz Span 120 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (600 pts)

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

57.7952 MHz x dB -26.00 dB

Transmit Freq Error -71.516 kHz

x dB Bandwidth 60.691 MHz

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**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**3.51. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:531996, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:162, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2659.98                | 99            | 26            | 1         | Peak     | 57.87     | 60.69               | 60                | Pass    |

**Agilent**

Ch Freq 2.65998 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.4 dB

Center 2.659 98 GHz Span 120 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (600 pts)

**Occupied Bandwidth** Occ BW % Pwr 99.00 %  
**57.8671 MHz** x dB -26.00 dB

Transmit Freq Error -71.694 kHz  
 x dB Bandwidth 60.689 MHz

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**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**3.52. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:505200, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:162, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2526                   | 99            | 26            | 1         | Peak     | 57.77     | 61.17               | 60                | Pass    |

Agilent

**Measure**  
Meas Off  
Channel Power  
**Occupied BW**  
ACP  
Multi Carrier Power  
Power Stat CCDF  
More  
1 of 2

Ch Freq 2.526 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.526 00 GHz Span 120 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (600 pts)

|  |                             |
|--|-----------------------------|
| <b>Occupied Bandwidth</b>              | <b>Occ BW % Pwr</b> 99.00 % |
| 57.7680 MHz                            | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> 107.880 kHz |                             |
| <b>x dB Bandwidth</b> 61.170 MHz       |                             |

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**3.53. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:162, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 1         | Peak     | 57.8      | 61.14               | 60                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The measurement results are as follows:

| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 57.8021 MHz |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | -38.446 kHz |
| x dB Bandwidth      | 61.136 MHz  |

Additional parameters shown in the interface include: Ch Freq 2.59299 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log, 10 dB/Offst, 11.4 dB, Center 2.592 99 GHz, Span 120 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (600 pts). The 'Measure' menu on the right includes options like Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

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**3.54. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:531996, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:162, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2659.98                | 99            | 26            | 1         | Peak     | 57.88     | 61.25               | 60                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal trace with a yellow line representing the spectrum. The center frequency is 2.65998 GHz, and the span is 120 MHz. The occupied bandwidth is highlighted in a green box, showing 57.8755 MHz. The power is 99.00% and the XdB bandwidth is -26.00 dB. The interface also shows various measurement parameters like Res BW, VBW, and Sweep time.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 57.8755 MHz        | 99.00 %      | -26.00 dB |

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**3.55. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:505200, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:162, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2526                   | 99            | 26            | 1         | Peak     | 57.73     | 60.98               | 60                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.526 GHz, and the span is 120 MHz. The occupied bandwidth is measured as 57.7342 MHz. The power is 99.00% and the XdB bandwidth is -26.00 dB. The interface includes a 'Measure' panel on the right with buttons for 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 57.7342 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: 76.252 kHz  
 x dB Bandwidth: 60.984 MHz

**3.56. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:162, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 1         | Peak     | 57.75     | 61.03               | 60                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.59299 GHz, and the span is 120 MHz. The occupied bandwidth is measured as 57.7525 MHz. The power is 99.00% and the XdB bandwidth is -26.00 dB. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 57.7525 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: -72.719 kHz  
 x dB Bandwidth: 61.034 MHz

**3.57. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:531996, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:162, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2659.98                | 99            | 26            | 1         | Peak     | 57.89     | 60.94               | 60                | Pass    |

Agilent

**Measure**  
Meas Off  
Channel Power  
**Occupied BW**  
ACP  
Multi Carrier Power  
Power Stat CCDF  
More  
1 of 2

Ch Freq 2.65998 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.659 98 GHz Span 120 MHz

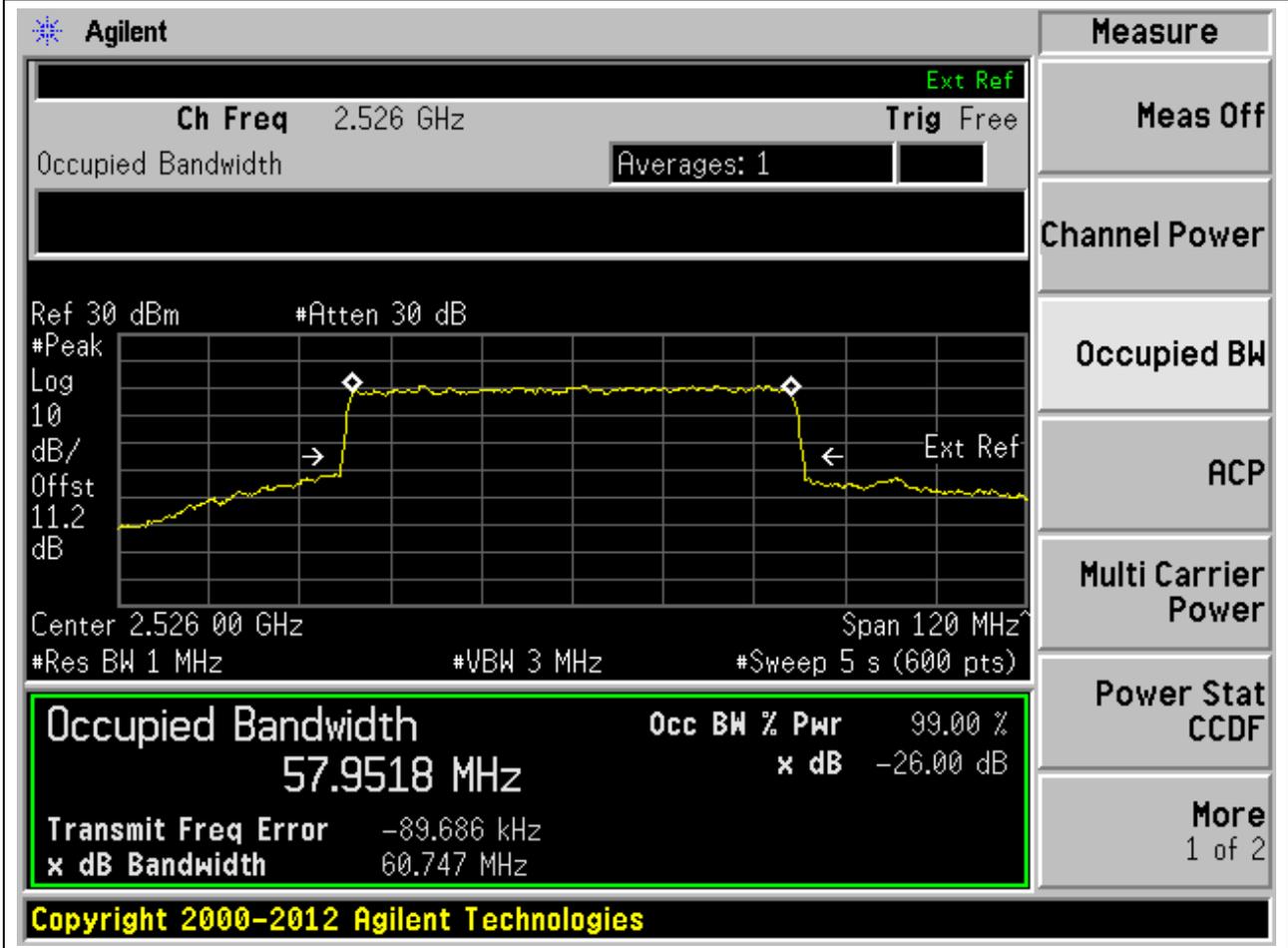
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (600 pts)

|                                       |                             |
|---------------------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>             | <b>Occ BW % Pwr</b> 99.00 % |
| 57.8929 MHz                           | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> 25.994 kHz |                             |
| <b>x dB Bandwidth</b> 60.943 MHz      |                             |

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**3.58. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:505200, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:162, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2526                   | 99            | 26            | 1         | Peak     | 57.95     | 60.75               | 60                | Pass    |



**3.59. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:162, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 1         | Peak     | 57.93     | 60.67               | 60                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 2.59299 GHz. The main display shows a spectrum plot with a yellow trace. The plot parameters include a reference level of 30 dBm, a 30 dB attenuator, a resolution bandwidth of 1 MHz, and a video bandwidth of 3 MHz. The span is 120 MHz. The measurement results are highlighted in a green box:

|                            |                     |              |
|----------------------------|---------------------|--------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> | 99.00 %      |
| <b>57.9329 MHz</b>         | <b>x dB</b>         | -26.00 dB    |
| <b>Transmit Freq Error</b> |                     | -208.229 kHz |
| <b>x dB Bandwidth</b>      |                     | 60.673 MHz   |

Additional parameters shown include a center frequency of 2.59299 GHz, a span of 120 MHz, a resolution bandwidth of 1 MHz, a video bandwidth of 3 MHz, and a sweep time of 5 seconds (600 points). The interface also shows a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The copyright notice at the bottom reads 'Copyright 2000-2012 Agilent Technologies'.

**3.60. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:531996, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:162, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2659.98                | 99            | 26            | 1         | Peak     | 57.99     | 60.71               | 60                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows the channel frequency (2.65998 GHz) and the trigger mode (Free). The main display area shows a spectrum plot with a yellow trace representing the signal. The plot is set to a reference level of 30 dBm and an attenuation of 30 dB. The occupied bandwidth is highlighted in a green box, showing a value of 57.9895 MHz. The percentage of power within this bandwidth is 99.00%, and the XdB bandwidth is -26.00 dB. Other parameters shown include the transmit frequency error (-204.557 kHz) and the XdB bandwidth (60.708 MHz). The interface also includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen displays the copyright information: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 57.9895 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: -204.557 kHz  
x dB Bandwidth: 60.708 MHz

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**3.61. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:506202, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:189, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2531.01                | 99            | 26            | 1         | Peak     | 67.42     | 70.51               | 70                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.53101 GHz, and the span is 140 MHz. The occupied bandwidth is measured as 67.4220 MHz. The power is 99.00% and the XdB bandwidth is -26.00 dB. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 67.4220 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: 40.790 kHz  
x dB Bandwidth: 70.511 MHz

**3.62. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:189, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 1         | Peak     | 67.39     | 70.45               | 70                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.59299 GHz, and the span is 140 MHz. The occupied bandwidth is highlighted as 67.3910 MHz. The power is 99.00% and the XdB bandwidth is -26.00 dB. The interface includes various measurement buttons on the right side, such as 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 67.3910 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: -131.544 kHz  
x dB Bandwidth: 70.453 MHz

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**3.63. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:531000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:189, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2655                   | 99            | 26            | 1         | Peak     | 67.53     | 70.73               | 70                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal trace with a yellow line representing the spectrum. The center frequency is 2.655 GHz, and the span is 140 MHz. The occupied bandwidth is measured as 67.5277 MHz, which is 99.00% of the 70 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -132.446 kHz, and the x dB bandwidth is 70.735 MHz. The interface includes a 'Measure' panel on the right with buttons for 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 67.5277 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: -132.446 kHz  
x dB Bandwidth: 70.735 MHz

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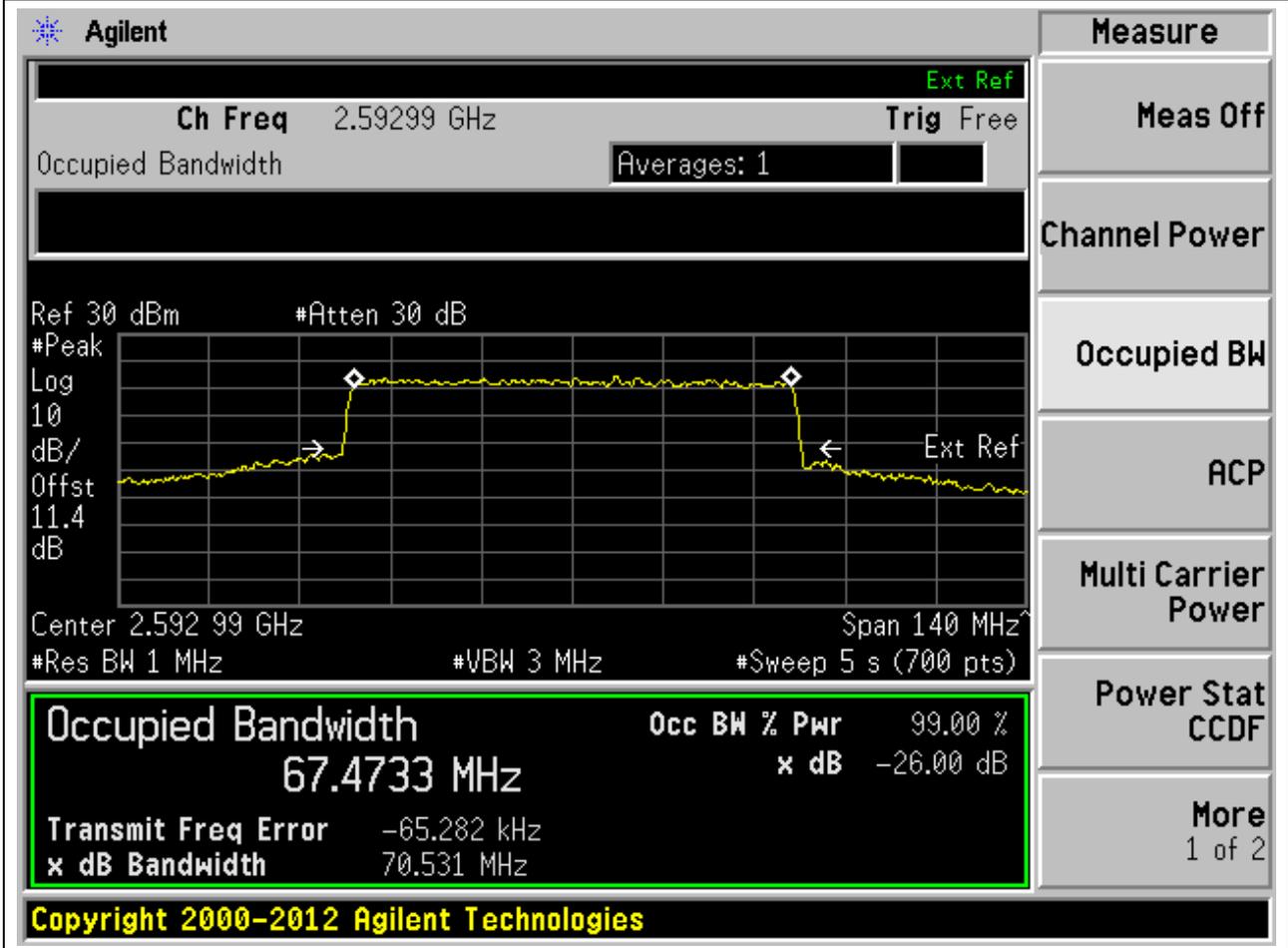
**3.64. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:506202, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:189, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2531.01                | 99            | 26            | 1         | Peak     | 67.42     | 70.56               | 70                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 2.53101 GHz. The main display shows a spectrum plot with a yellow trace. The plot is set to a reference level of 30 dBm and an attenuation of 30 dB. The y-axis is labeled 'Log 10 dB/Offst 11.3 dB'. The plot shows a signal with a flat top and sloped sides, characteristic of a modulated signal. The 'Occupied Bandwidth' measurement is highlighted in a green box, showing a value of 67.4210 MHz. Other measurement parameters include 'Occ BW % Pwr' at 99.00% and 'x dB' at -26.00 dB. The 'Transmit Freq Error' is 116.715 kHz and the 'x dB Bandwidth' is 70.562 MHz. The interface also shows various measurement buttons on the right, such as 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen displays the copyright notice 'Copyright 2000-2012 Agilent Technologies'.

**3.65. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:189, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 1         | Peak     | 67.47     | 70.53               | 70                | Pass    |



**3.66. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:531000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:189, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2655                   | 99            | 26            | 1         | Peak     | 67.61     | 70.59               | 70                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The measurement results are as follows:

| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 67.6117 MHz |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | -77.273 kHz |
| x dB Bandwidth      | 70.593 MHz  |

Additional parameters shown in the interface include: Ch Freq 2.655 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.4 dB, Center 2.655 00 GHz, Span 140 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (700 pts).

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**3.67. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:506202, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:189, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2531.01                | 99            | 26            | 1         | Peak     | 67.36     | 70.51               | 70                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.53101 GHz, and the span is 140 MHz. The occupied bandwidth is measured as 67.3559 MHz. The power is 99.00% and the XdB bandwidth is -26.00 dB. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 67.3559 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: 108.990 kHz  
x dB Bandwidth: 70.508 MHz

**3.68. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:189, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 1         | Peak     | 67.36     | 70.42               | 70                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal trace with a yellow line representing the spectrum. The center frequency is 2.59299 GHz, and the span is 140 MHz. The occupied bandwidth is measured as 67.3594 MHz, which is 99.00% of the 70 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -66.151 kHz. The XdB bandwidth is 70.420 MHz. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

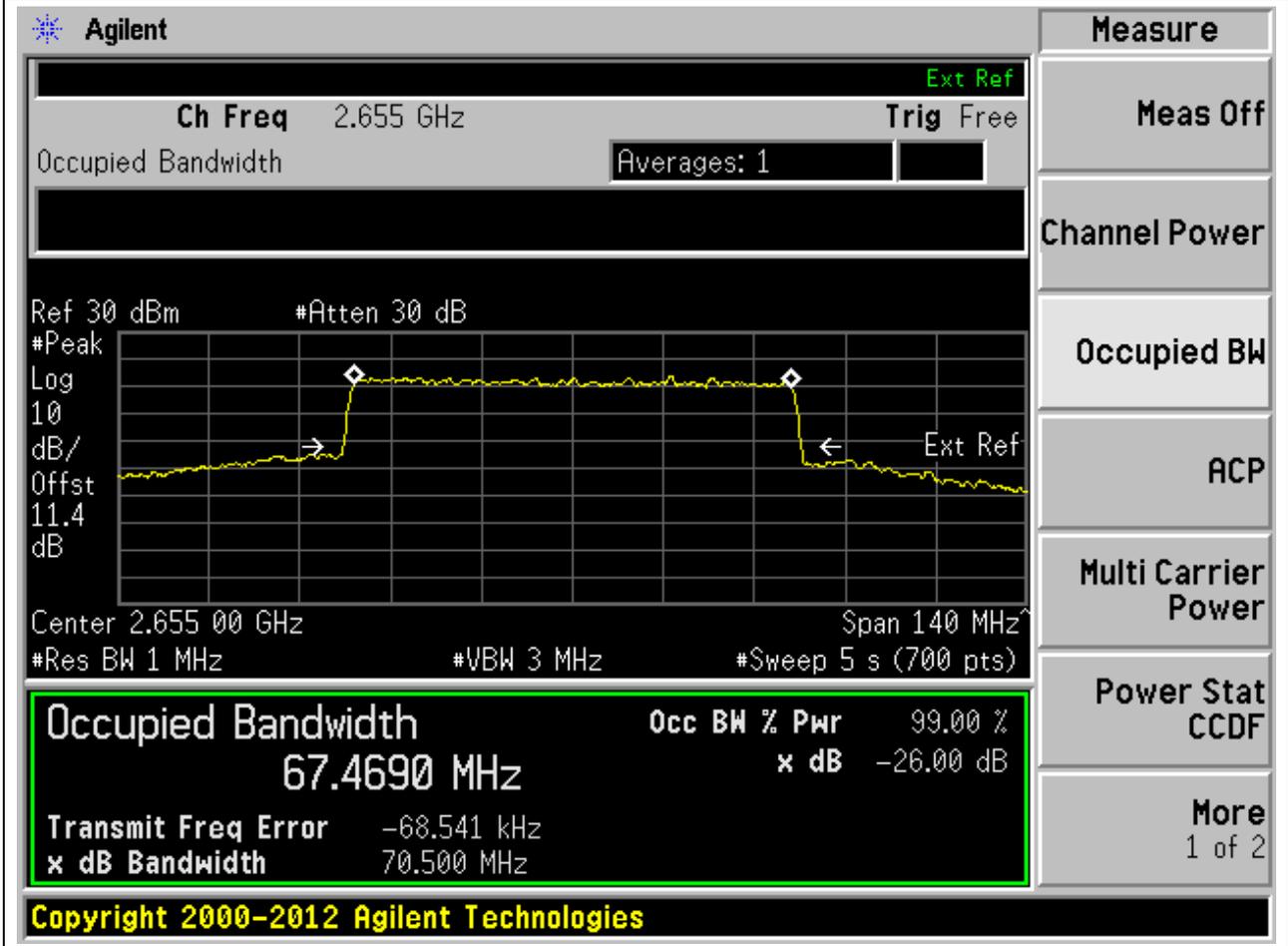
| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 67.3594 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: -66.151 kHz  
 x dB Bandwidth: 70.420 MHz

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**3.69. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:531000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:189, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2655                   | 99            | 26            | 1         | Peak     | 67.47     | 70.5                | 70                | Pass    |



**3.70. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:506202, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:189, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2531.01                | 99            | 26            | 1         | Peak     | 67.14     | 70.5                | 70                | Pass    |

Agilent
Measure

Ch Freq 2.53101 GHz Trig Free

Occupied Bandwidth Averages: 1

Ext Ref

Ref 30 dBm #Atten 30 dB

Center 2.531 01 GHz Span 140 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (700 pts)

|                                       |                             |
|---------------------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>             | <b>Occ BW % Pwr</b> 99.00 % |
| 67.1393 MHz                           | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> 45.096 kHz |                             |
| <b>x dB Bandwidth</b> 70.499 MHz      |                             |

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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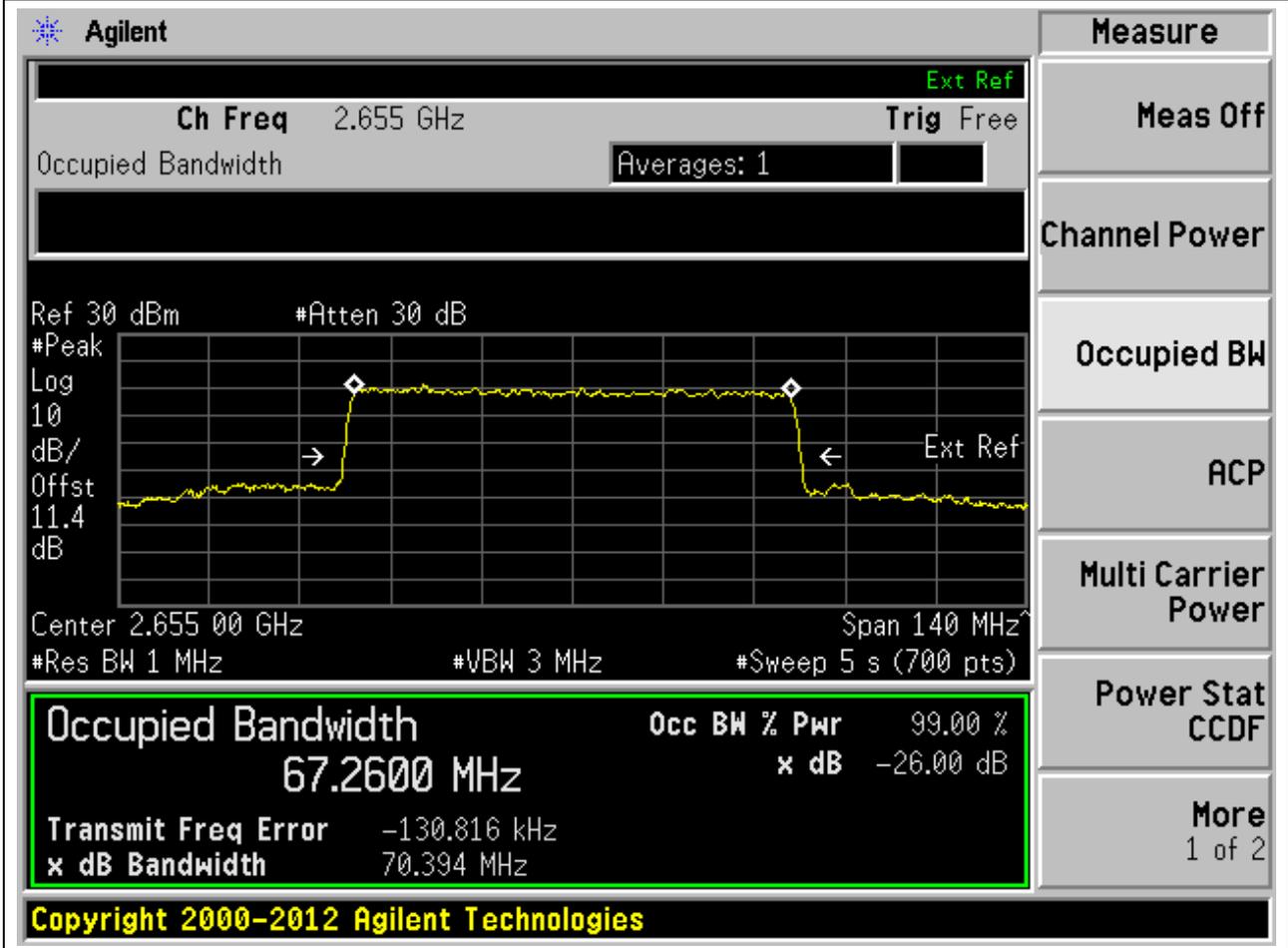
**3.71. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:189, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 1         | Peak     | 67.14     | 70.36               | 70                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 2.59299 GHz. The main display shows a spectrum plot with a yellow trace. The plot parameters include a reference level of 30 dBm, a 30 dB attenuator, a 10 dB offset, and a 11.4 dB offset. The center frequency is 2.59299 GHz, the span is 140 MHz, the resolution bandwidth is 1 MHz, the video bandwidth is 3 MHz, and the sweep time is 5 seconds. A green box highlights the measurement results: Occupied Bandwidth is 67.1352 MHz, Occ BW % Pwr is 99.00%, and x dB is -26.00 dB. Other parameters shown include Transmit Freq Error of -127.146 kHz and x dB Bandwidth of 70.362 MHz. The interface also includes a 'Measure' menu on the right with options like Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2). The copyright notice at the bottom reads 'Copyright 2000-2012 Agilent Technologies'.

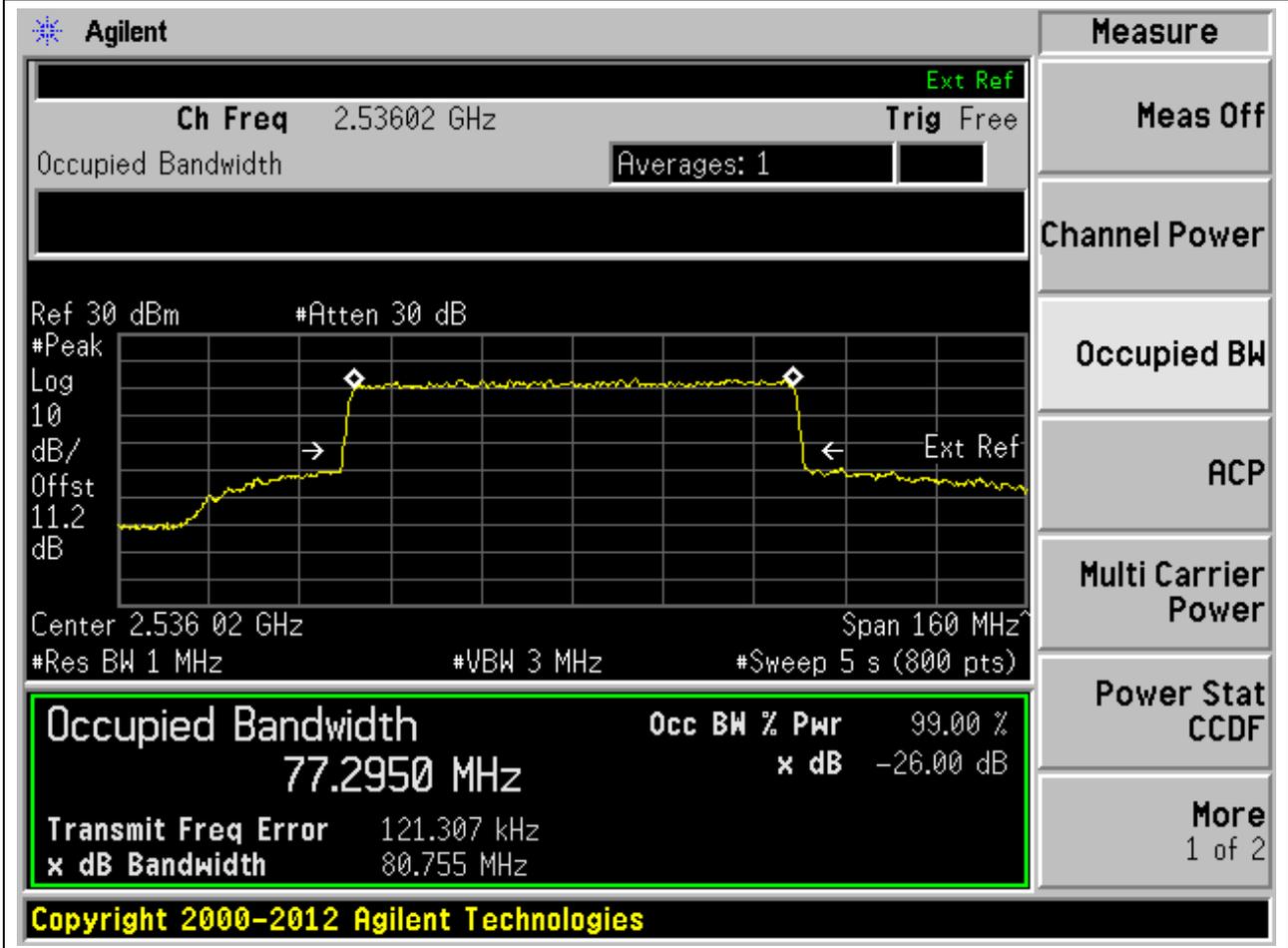
**3.72. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:531000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:189, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2655                   | 99            | 26            | 1         | Peak     | 67.26     | 70.39               | 70                | Pass    |



**3.73. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:507204, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:217, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2536.02                | 99            | 26            | 1         | Peak     | 77.3      | 80.76               | 80                | Pass    |



**3.74. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:217, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 1         | Peak     | 77.22     | 80.61               | 80                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.59299 GHz, and the span is 160 MHz. The occupied bandwidth is measured as 77.2158 MHz. The power is 99.00% and the XdB bandwidth is -26.00 dB. The interface includes a 'Measure' panel on the right with buttons for 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 77.2158 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: -131.114 kHz  
x dB Bandwidth: 80.613 MHz

**3.75. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:529998, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:217, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2649.99                | 99            | 26            | 1         | Peak     | 77.37     | 80.76               | 80                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.64999 GHz, and the span is 160 MHz. The occupied bandwidth is measured as 77.3724 MHz. The power is 99.00% and the XdB bandwidth is -26.00 dB. The interface includes various measurement controls and a 'Measure' menu on the right side.

| Occupied Bandwidth  |  | Occ BW % Pwr | 99.00 %   |
|---------------------|--|--------------|-----------|
| 77.3724 MHz         |  | x dB         | -26.00 dB |
| Transmit Freq Error |  | -182.391 kHz |           |
| x dB Bandwidth      |  | 80.765 MHz   |           |

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**3.76. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:507204, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:217, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2536.02                | 99            | 26            | 1         | Peak     | 77.23     | 80.57               | 80                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.53602 GHz, and the span is 160 MHz. The occupied bandwidth is measured as 77.2304 MHz. The power is 99.00% and the XdB bandwidth is 80.570 MHz. The XdB down is -26.00 dB. The transmit frequency error is 101.005 kHz. The resolution bandwidth (RBW) is 1 MHz, and the video bandwidth (VBW) is 3 MHz. The sweep time is 5 s (800 pts). The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 77.2304 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: 101.005 kHz  
x dB Bandwidth: 80.570 MHz

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**3.77. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:217, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 1         | Peak     | 77.22     | 80.51               | 80                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.59299 GHz and the span is 160 MHz. The occupied bandwidth is measured as 77.2222 MHz. The power is 99.00% and the XdB bandwidth is 80.512 MHz. The XdB down is -26.00 dB. The transmit frequency error is -123.446 kHz. The resolution bandwidth (RBW) is 1 MHz and the video bandwidth (VBW) is 3 MHz. The sweep time is 5 s (800 pts). The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

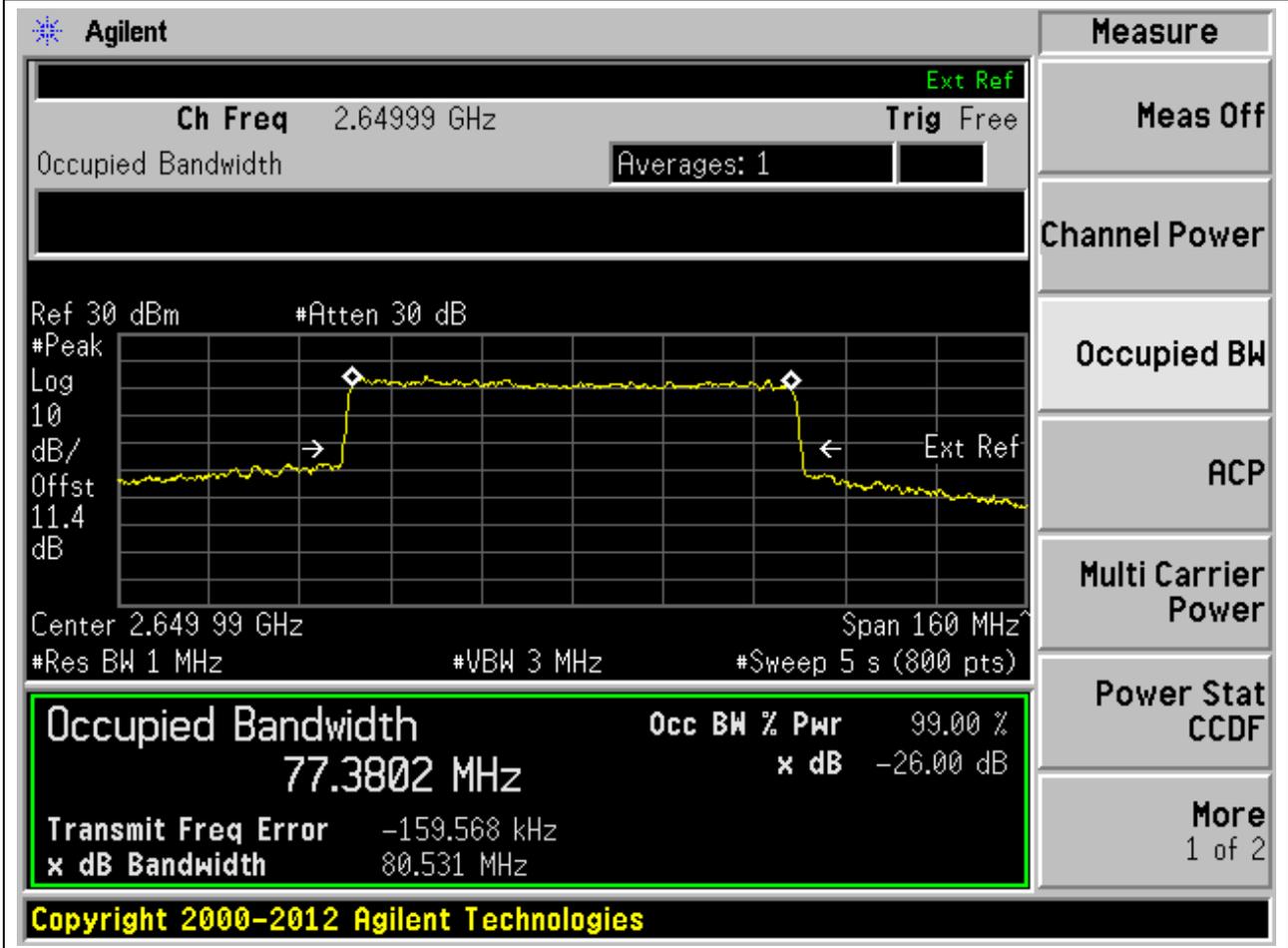
| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 77.2222 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: -123.446 kHz  
 x dB Bandwidth: 80.512 MHz

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**3.78. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:529998, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:217, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2649.99                | 99            | 26            | 1         | Peak     | 77.38     | 80.53               | 80                | Pass    |



**3.79. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:507204, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:217, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2536.02                | 99            | 26            | 1         | Peak     | 77.36     | 80.73               | 80                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.53602 GHz, and the span is 160 MHz. The occupied bandwidth is measured as 77.3590 MHz. The power is 99.00% and the XdB bandwidth is 80.734 MHz. The XdB down is -26.00 dB. The transmit frequency error is 47.765 kHz. The resolution bandwidth (RBW) is 1 MHz, and the video bandwidth (VBW) is 3 MHz. The sweep time is 5 seconds with 800 points. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 77.3590 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: 47.765 kHz  
x dB Bandwidth: 80.734 MHz

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**3.80. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:217, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 1         | Peak     | 77.25     | 80.61               | 80                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.59299 GHz and the span is 160 MHz. The occupied bandwidth is measured as 77.2494 MHz. The power is 99.00% and the XdB bandwidth is 80.606 MHz. The XdB down is -26.00 dB. The transmit frequency error is -173.702 kHz. The interface includes a 'Measure' panel on the right with buttons for 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 77.2494 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: -173.702 kHz  
x dB Bandwidth: 80.606 MHz

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**3.81. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:529998, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:217, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2649.99                | 99            | 26            | 1         | Peak     | 77.39     | 80.6                | 80                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 2.64999 GHz. The main display shows a spectrum plot with a yellow trace. The plot parameters include a reference level of 30 dBm, a peak level of 10 dB, and an offset of 11.4 dB. The occupied bandwidth is highlighted in a green box with the following values:

|                            |                     |              |
|----------------------------|---------------------|--------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> | 99.00 %      |
| <b>77.3865 MHz</b>         | <b>x dB</b>         | -26.00 dB    |
| <b>Transmit Freq Error</b> |                     | -208.438 kHz |
| <b>x dB Bandwidth</b>      |                     | 80.603 MHz   |

Additional parameters shown include a span of 160 MHz, a resolution bandwidth of 1 MHz, a video bandwidth of 3 MHz, and a sweep time of 5 seconds (800 points). The right-hand side of the interface features a 'Measure' menu with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'.

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**3.82. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:507204, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:217, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2536.02                | 99            | 26            | 1         | Peak     | 77.31     | 80.42               | 80                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The results are as follows:

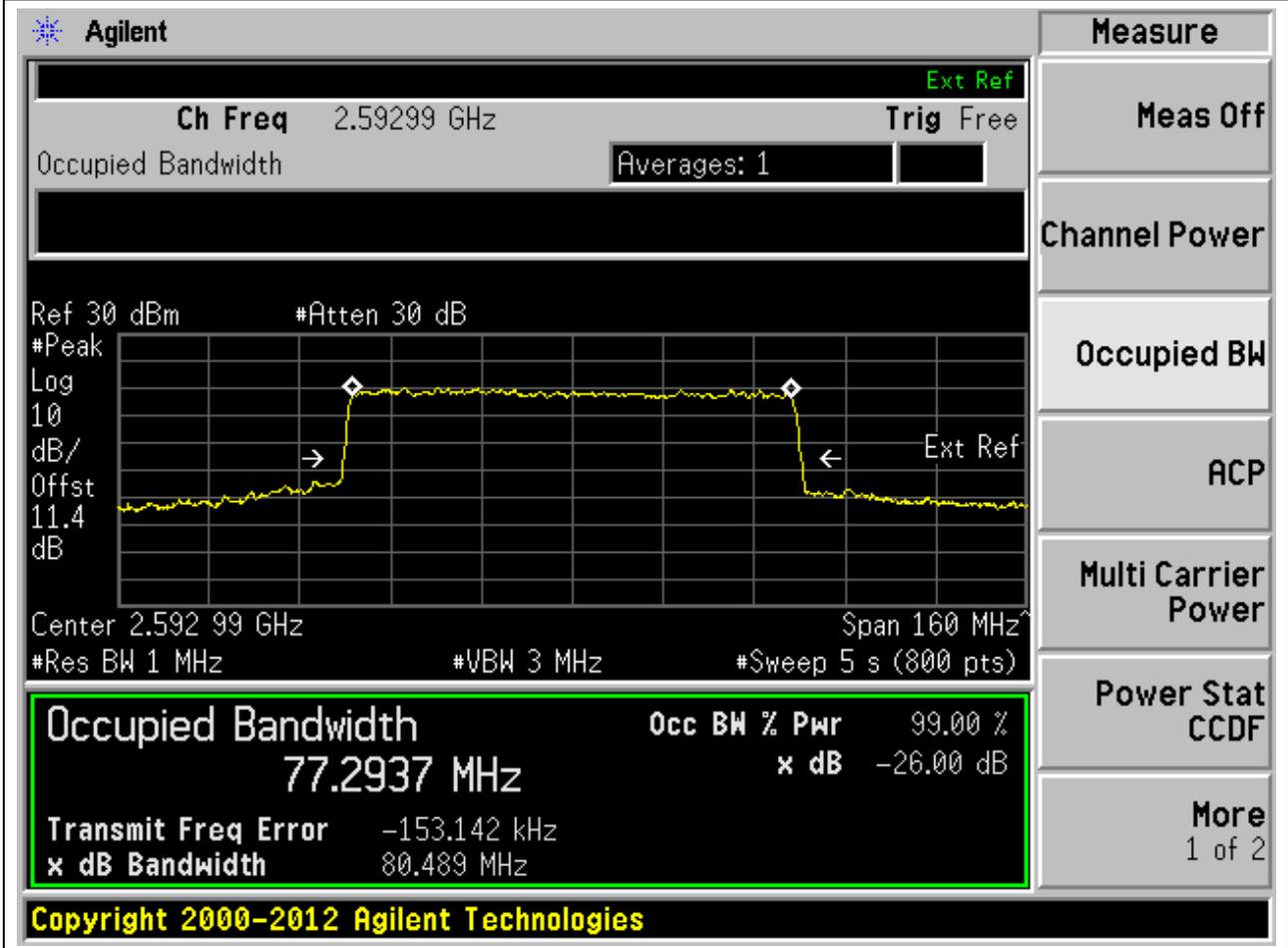
| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 77.3131 MHz |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | 44.675 kHz  |
| x dB Bandwidth      | 80.424 MHz  |

Additional parameters shown in the interface include: Ch Freq 2.53602 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log, 10 dB/Offst, 11.2 dB, Center 2.536 02 GHz, Span 160 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (800 pts).

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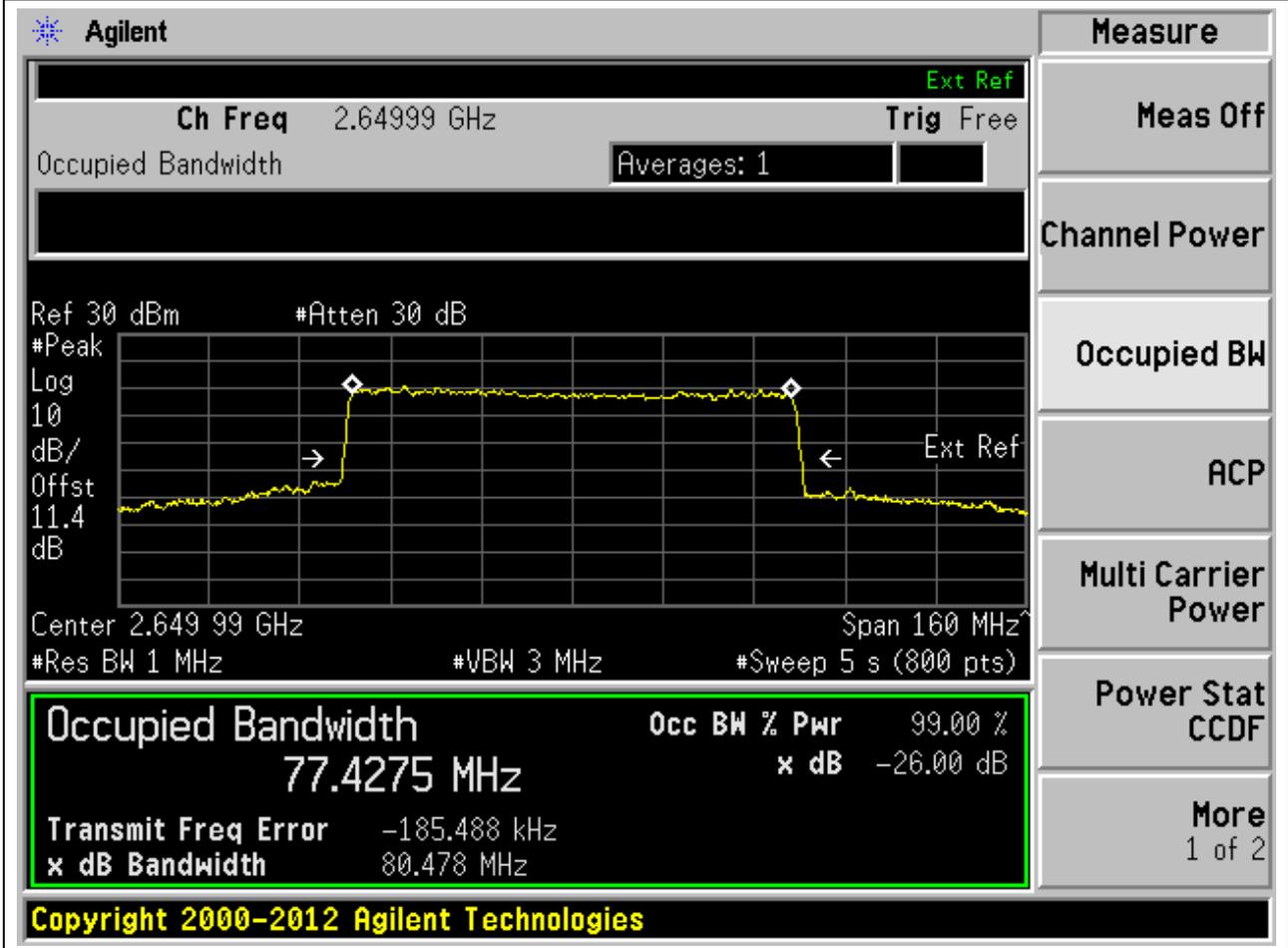
**3.83. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:217, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 1         | Peak     | 77.29     | 80.49               | 80                | Pass    |



**3.84. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:529998, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:217, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2649.99                | 99            | 26            | 1         | Peak     | 77.43     | 80.48               | 80                | Pass    |



**3.85. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:508200, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:245, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2541                   | 99            | 26            | 1         | Peak     | 87.18     | 90.63               | 90                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.541 GHz, and the span is 180 MHz. The occupied bandwidth is measured as 87.1800 MHz, which is 99.00% of the 90 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is 108.809 kHz. The x dB bandwidth is 90.630 MHz. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

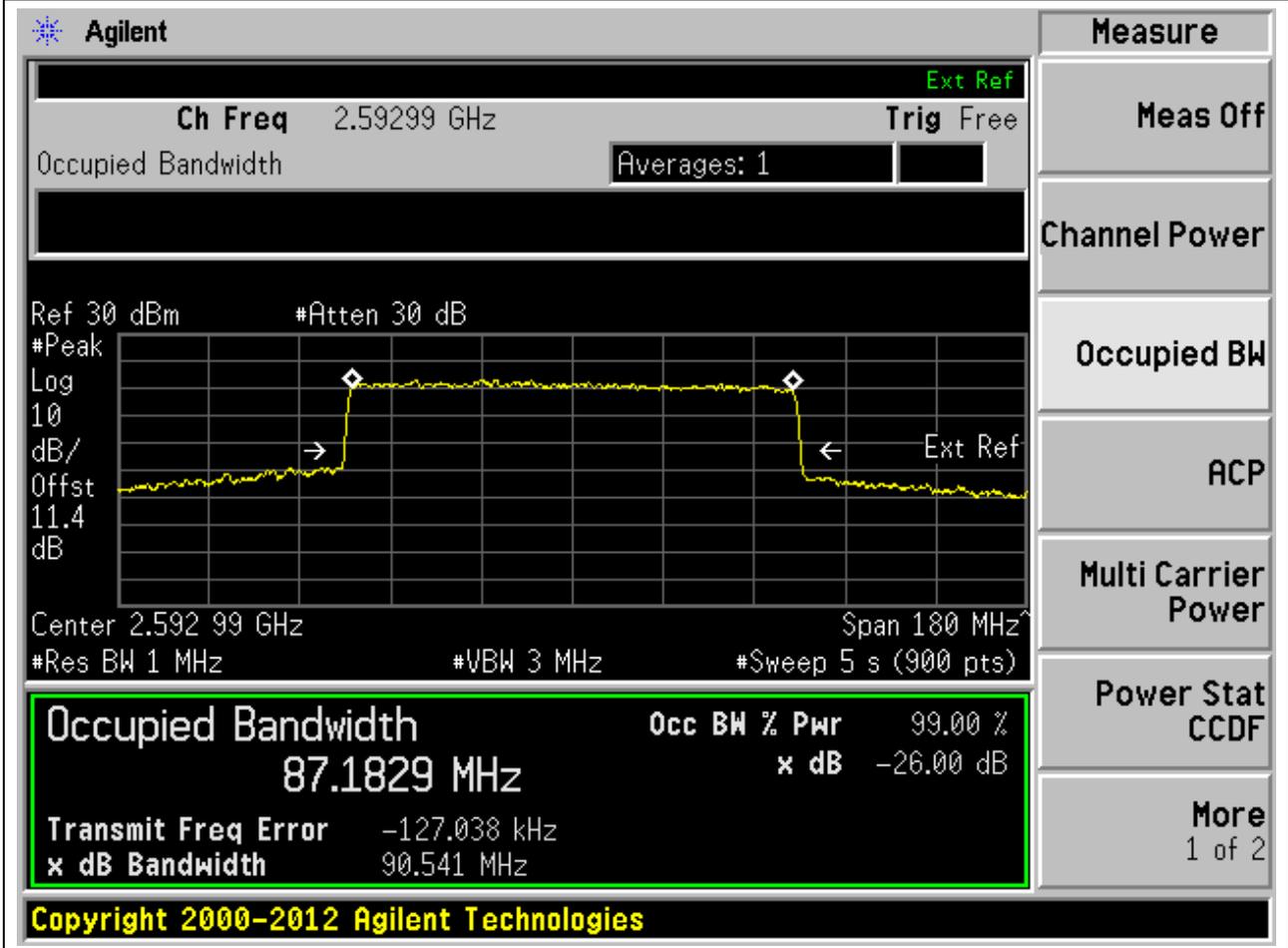
| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 87.1800 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: 108.809 kHz  
x dB Bandwidth: 90.630 MHz

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**3.86. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:245, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 1         | Peak     | 87.18     | 90.54               | 90                | Pass    |



**3.87. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:528996, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:245, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2644.98                | 99            | 26            | 1         | Peak     | 87.33     | 90.63               | 90                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.64498 GHz, and the span is 180 MHz. The occupied bandwidth is measured as 87.3314 MHz, which is 99.00% of the channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -171.661 kHz, and the XdB bandwidth is 90.632 MHz. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 87.3314 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: -171.661 kHz  
 x dB Bandwidth: 90.632 MHz

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**3.88. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:508200, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:245, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2541                   | 99            | 26            | 1         | Peak     | 87.52     | 90.68               | 90                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.541 GHz, and the span is 180 MHz. The occupied bandwidth is highlighted in a green box, showing 87.5192 MHz. The power is 99.00% and the XdB bandwidth is -26.00 dB. The interface also shows various measurement parameters and a 'Measure' menu on the right.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 87.5192 MHz        | 99.00 %      | -26.00 dB |

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**3.89. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:245, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 1         | Peak     | 87.5      | 90.59               | 90                | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 2.59299 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak  
 Log  
 10  
 dB/  
 Offst  
 11.4  
 dB

Center 2.592 99 GHz
Span 180 MHz

#Res BW 1 MHz
#VBW 3 MHz
#Sweep 5 s (900 pts)

|                            |                             |
|----------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> 99.00 % |
| 87.4986 MHz                | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> | -151.451 kHz                |
| <b>x dB Bandwidth</b>      | 90.591 MHz                  |

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**3.90. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:528996, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:245, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2644.98                | 99            | 26            | 1         | Peak     | 87.63     | 90.66               | 90                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.64498 GHz, and the span is 180 MHz. The occupied bandwidth is measured as 87.6252 MHz, which is 99.00% of the channel bandwidth. The XdB Down is -26.00 dB. The transmit frequency error is -188.515 kHz, and the XdB Bandwidth is 90.664 MHz. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 87.6252 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: -188.515 kHz  
 x dB Bandwidth: 90.664 MHz

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**3.91. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:508200, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:245, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2541                   | 99            | 26            | 1         | Peak     | 87.31     | 90.77               | 90                | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More 1 of 2

Ch Freq 2.541 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak  
 Log  
 10  
 dB/  
 Offst  
 11.2  
 dB

Center 2.541 00 GHz
Span 180 MHz

#Res BW 1 MHz
#VBW 3 MHz
#Sweep 5 s (900 pts)

|                           |                             |
|---------------------------|-----------------------------|
| <b>Occupied Bandwidth</b> | <b>Occ BW % Pwr</b> 99.00 % |
| 87.3139 MHz               | x dB -26.00 dB              |
| Transmit Freq Error       | 138.793 kHz                 |
| x dB Bandwidth            | 90.768 MHz                  |

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**3.92. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:245, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 1         | Peak     | 87.31     | 90.75               | 90                | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 2.59299 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
10

dB/
Offst

11.4
dB

Center 2.592 99 GHz
Span 180 MHz

#Res BW 1 MHz
#VBW 3 MHz
#Sweep 5 s (900 pts)

**Occupied Bandwidth**  
87.3088 MHz

**Occ BW % Pwr** 99.00 %  
**x dB** -26.00 dB

**Transmit Freq Error** -73.409 kHz  
**x dB Bandwidth** 90.748 MHz

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**3.93. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:528996, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:245, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2644.98                | 99            | 26            | 1         | Peak     | 87.48     | 90.75               | 90                | Pass    |

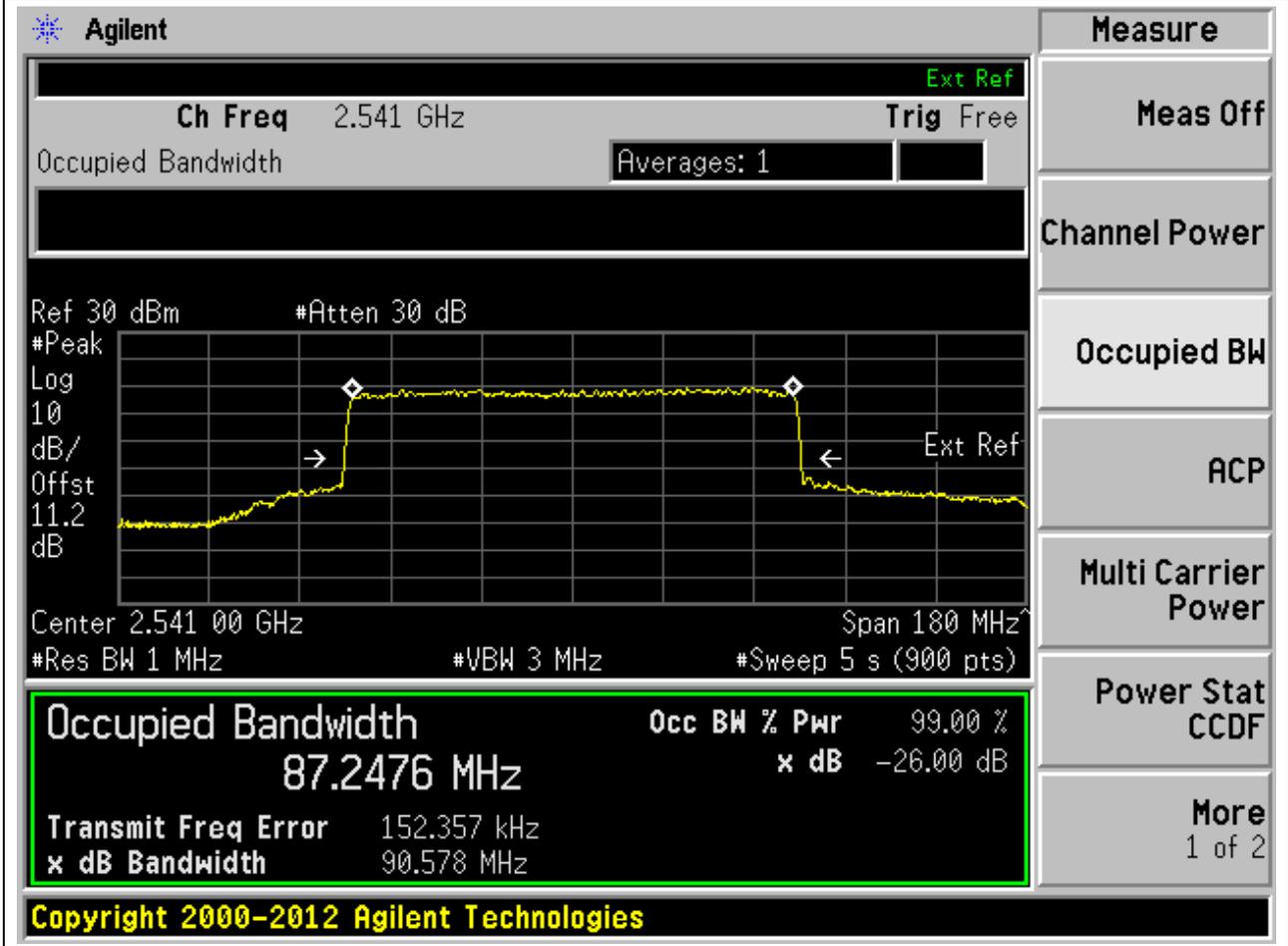
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.64498 GHz, and the span is 180 MHz. The occupied bandwidth is measured as 87.4820 MHz. The power is 99.00% and the XdB bandwidth is -26.00 dB. The interface includes various measurement controls and a 'Measure' menu on the right.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 87.4820 MHz        | 99.00 %      | -26.00 dB |

Other parameters shown in the screenshot include: Ch Freq 2.64498 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.4 dB, Center 2.644 98 GHz, Span 180 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (900 pts), Transmit Freq Error -120.916 kHz, and x dB Bandwidth 90.746 MHz.

**3.94. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:508200, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:245, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2541                   | 99            | 26            | 1         | Peak     | 87.25     | 90.58               | 90                | Pass    |



**3.95. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:245, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 1         | Peak     | 87.24     | 90.69               | 90                | Pass    |

**Agilent**

Ch Freq 2.59299 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.4 dB

Center 2.592 99 GHz Span 180 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (900 pts)

**Occupied Bandwidth** 87.2410 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -82.451 kHz

x dB Bandwidth 90.695 MHz

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**3.96. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:528996, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:245, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2644.98                | 99            | 26            | 1         | Peak     | 87.41     | 90.72               | 90                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.64498 GHz, and the span is 180 MHz. The occupied bandwidth is measured as 87.4108 MHz, which is 99.00% of the channel bandwidth. The XdB Down is -26.00 dB. The transmit frequency error is -128.670 kHz, and the XdB Bandwidth is 90.723 MHz. The interface includes a 'Measure' panel on the right with buttons for 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 87.4108 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: -128.670 kHz  
 x dB Bandwidth: 90.723 MHz

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**3.97. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:509202, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:273, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2546.01                | 99            | 26            | 1         | Peak     | 97.1      | 100.84              | 100               | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 2.54601 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.546 01 GHz Span 200 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (1000 pts)

|  |                             |
|--|-----------------------------|
| <b>Occupied Bandwidth</b>              | <b>Occ BW % Pwr</b> 99.00 % |
| 97.0975 MHz                            | <b>x dB</b> -26.00 dB       |
| <b>Transmit Freq Error</b> 142.895 kHz |                             |
| <b>x dB Bandwidth</b> 100.842 MHz      |                             |

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**3.98. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:273, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 1         | Peak     | 97.14     | 100.71              | 100               | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 2.59299 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.4 dB

Center 2.592 99 GHz Span 200 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (1000 pts)

|                            |                             |
|----------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> 99.00 % |
| 97.1404 MHz                | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> | -86.105 kHz                 |
| <b>x dB Bandwidth</b>      | 100.713 MHz                 |

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**3.99. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:528000, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:273, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2640                   | 99            | 26            | 1         | Peak     | 97.31     | 100.72              | 100               | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 2.64 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
→
←

10

dB/

Offst

11.5

dB

Center 2.640 00 GHz
Span 200 MHz

#Res BW 1 MHz
#VBW 3 MHz
#Sweep 5 s (1000 pts)

**Occupied Bandwidth**  
97.3083 MHz

**Occ BW % Pwr**  
99.00 %

**Transmit Freq Error**  
-129.333 kHz

**x dB Bandwidth**  
100.722 MHz

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**3.100. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:509202, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:273, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2546.01                | 99            | 26            | 1         | Peak     | 97.1      | 100.72              | 100               | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal trace with a yellow line representing the signal level. The trace is centered at 2.54601 GHz with a span of 200 MHz. The signal level is approximately 10 dBm. The occupied bandwidth is measured as 97.1034 MHz, which is 99.00% of the 100 MHz channel bandwidth. The XdB down is -26.00 dB. The interface also shows various settings such as Res BW (1 MHz), VBW (3 MHz), and Sweep (5 s). A summary box at the bottom left highlights the Occupied Bandwidth, Occ BW % Pwr, Transmit Freq Error, and x dB Bandwidth. The copyright notice at the bottom reads 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr |
|--------------------|--------------|
| 97.1034 MHz        | 99.00 %      |

| Transmit Freq Error | x dB Bandwidth |
|---------------------|----------------|
| 210.438 kHz         | 100.720 MHz    |

**3.101. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:273, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 1         | Peak     | 97.21     | 100.68              | 100               | Pass    |

Agilent

**Measure**  
Meas Off  
Channel Power  
**Occupied BW**  
ACP  
Multi Carrier Power  
Power Stat CCDF  
More  
1 of 2

Ch Freq 2.59299 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.592 99 GHz Span 200 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (1000 pts)

|                            |                             |
|----------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> 99.00 % |
| 97.2118 MHz                | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> | -11.323 kHz                 |
| <b>x dB Bandwidth</b>      | 100.681 MHz                 |

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**3.102. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:528000, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:273, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2640                   | 99            | 26            | 1         | Peak     | 97.39     | 100.72              | 100               | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.64 GHz. The occupied bandwidth is 97.3887 MHz, and the power is 99.00%. The XdB down is -26.00 dB. The bandwidth is 100.719 MHz. The transmit frequency error is -82.518 kHz. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 97.3887 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: -82.518 kHz  
x dB Bandwidth: 100.719 MHz

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**3.103. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:509202, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:273, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2546.01                | 99            | 26            | 1         | Peak     | 97.18     | 100.66              | 100               | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 2.54601 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.546 01 GHz Span 200 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (1000 pts)

|                                |                             |
|--------------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>      | <b>Occ BW % Pwr</b> 99.00 % |
| 97.1807 MHz                    | x dB -26.00 dB              |
| Transmit Freq Error 84.748 kHz |                             |
| x dB Bandwidth 100.659 MHz     |                             |

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**3.104. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:273, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 1         | Peak     | 97.15     | 100.61              | 100               | Pass    |

Agilent
Measure

Ch Freq 2.59299 GHz Trig Free

Occupied Bandwidth Averages: 1

Center 2.592 99 GHz Span 200 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (1000 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**Occupied Bandwidth**

**97.1516 MHz**

Transmit Freq Error -140.593 kHz

x dB Bandwidth 100.612 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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**3.105. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:528000, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:273, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2640                   | 99            | 26            | 1         | Peak     | 97.31     | 100.58              | 100               | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.64 GHz, and the span is 200 MHz. The occupied bandwidth is measured as 97.3136 MHz, which is 99.00% of the channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -189.472 kHz, and the XdB bandwidth is 100.580 MHz. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 97.3136 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: -189.472 kHz  
 x dB Bandwidth: 100.580 MHz

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**3.106. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:509202, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:273, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2546.01                | 99            | 26            | 1         | Peak     | 97.31     | 100.57              | 100               | Pass    |

Agilent

**Measure**  
Meas Off  
Channel Power  
**Occupied BW**  
ACP  
Multi Carrier Power  
Power Stat CCDF  
More  
1 of 2

Ch Freq 2.54601 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.546 01 GHz Span 200 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (1000 pts)

|                                |                             |
|--------------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>      | <b>Occ BW % Pwr</b> 99.00 % |
| 97.3096 MHz                    | x dB -26.00 dB              |
| Transmit Freq Error 50.043 kHz |                             |
| x dB Bandwidth 100.571 MHz     |                             |

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**3.107. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:518598, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:273, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2592.99                | 99            | 26            | 1         | Peak     | 97.36     | 100.55              | 100               | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 2.59299 GHz. The main display shows a spectrum plot with a yellow trace. The plot parameters include a reference level of 30 dBm, a 30 dB attenuator, a resolution bandwidth of 1 MHz, and a span of 200 MHz. The measurement results are highlighted in a green box:

|                            |                     |              |
|----------------------------|---------------------|--------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> | 99.00 %      |
| <b>97.3597 MHz</b>         | <b>x dB</b>         | -26.00 dB    |
| <b>Transmit Freq Error</b> |                     | -183.657 kHz |
| <b>x dB Bandwidth</b>      |                     | 100.552 MHz  |

On the right side, the 'Measure' menu is open, showing options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'.

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**3.108. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:528000, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:273, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 2640                   | 99            | 26            | 1         | Peak     | 97.53     | 100.76              | 100               | Pass    |

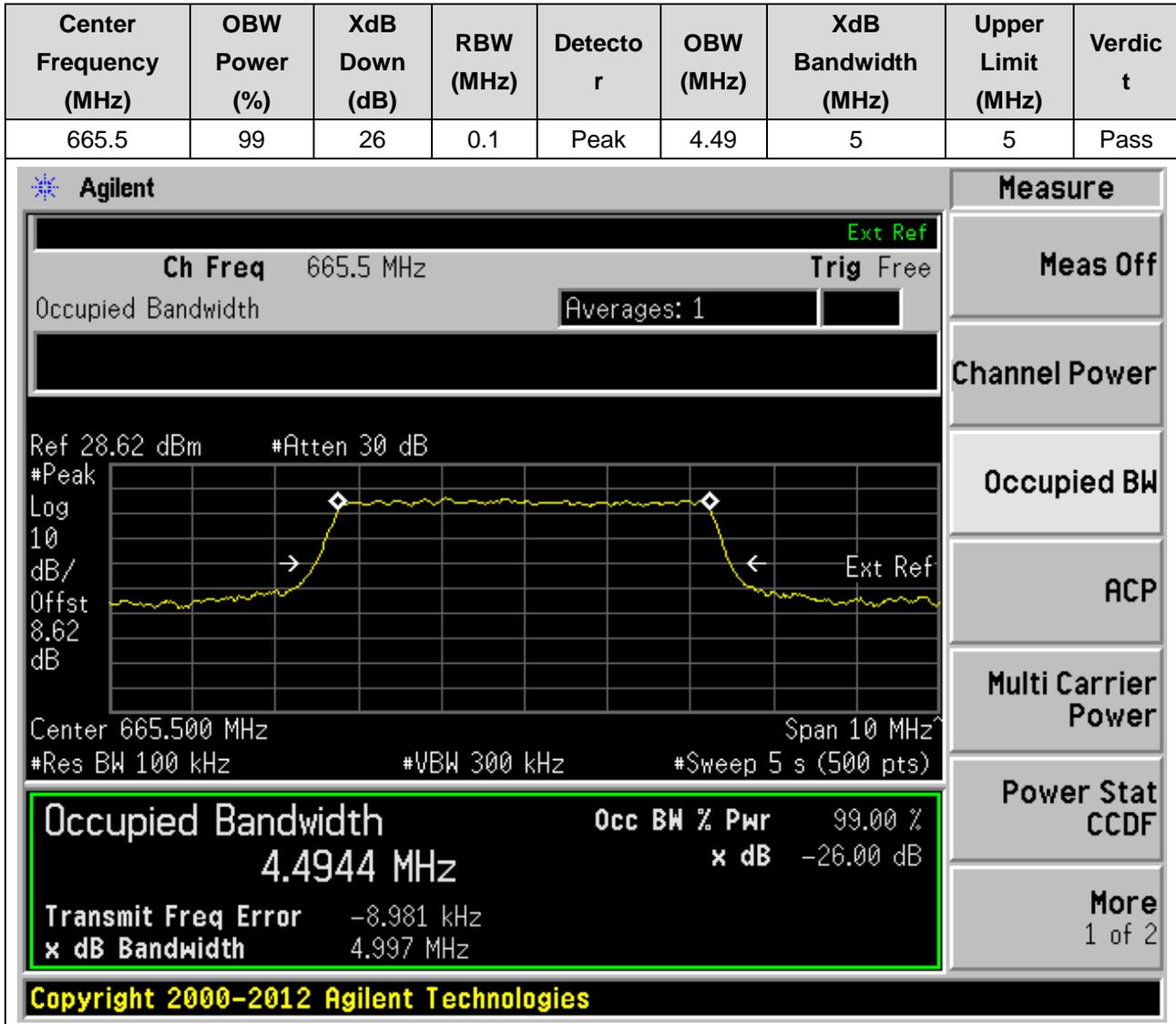
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.64 GHz, and the span is 200 MHz. The occupied bandwidth is highlighted as 97.5323 MHz. The power is 99.00% and the XdB down is -26.00 dB. The interface includes various measurement controls and a 'Measure' menu on the right.

| Occupied Bandwidth  |  | Occ BW % Pwr | 99.00 %   |
|---------------------|--|--------------|-----------|
| 97.5323 MHz         |  | x dB         | -26.00 dB |
| Transmit Freq Error |  | -228.515 kHz |           |
| x dB Bandwidth      |  | 100.755 MHz  |           |

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## 1. n71 15kHz

1.1. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:133100, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)



**1.2. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:136100, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 680.5                  | 99            | 26            | 0.1       | Peak     | 4.5       | 5.05                | 5                 | Pass    |

Agilent
Measure

Ch Freq 680.5 MHz Trig Free

Occupied Bandwidth Averages: 1

Center 680.500 MHz Span 10 MHz

#Res BW 100 kHz #VBW 300 kHz #Sweep 5 s (500 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**Occupied Bandwidth**

**4.4997 MHz**

Transmit Freq Error -5.622 kHz

x dB Bandwidth 5.050 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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**1.3. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:139100, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 695.5                  | 99            | 26            | 0.1       | Peak     | 4.5       | 5.05                | 5                 | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 695.5 MHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 28.7 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.7 dB

Center 695.500 MHz Span 10 MHz

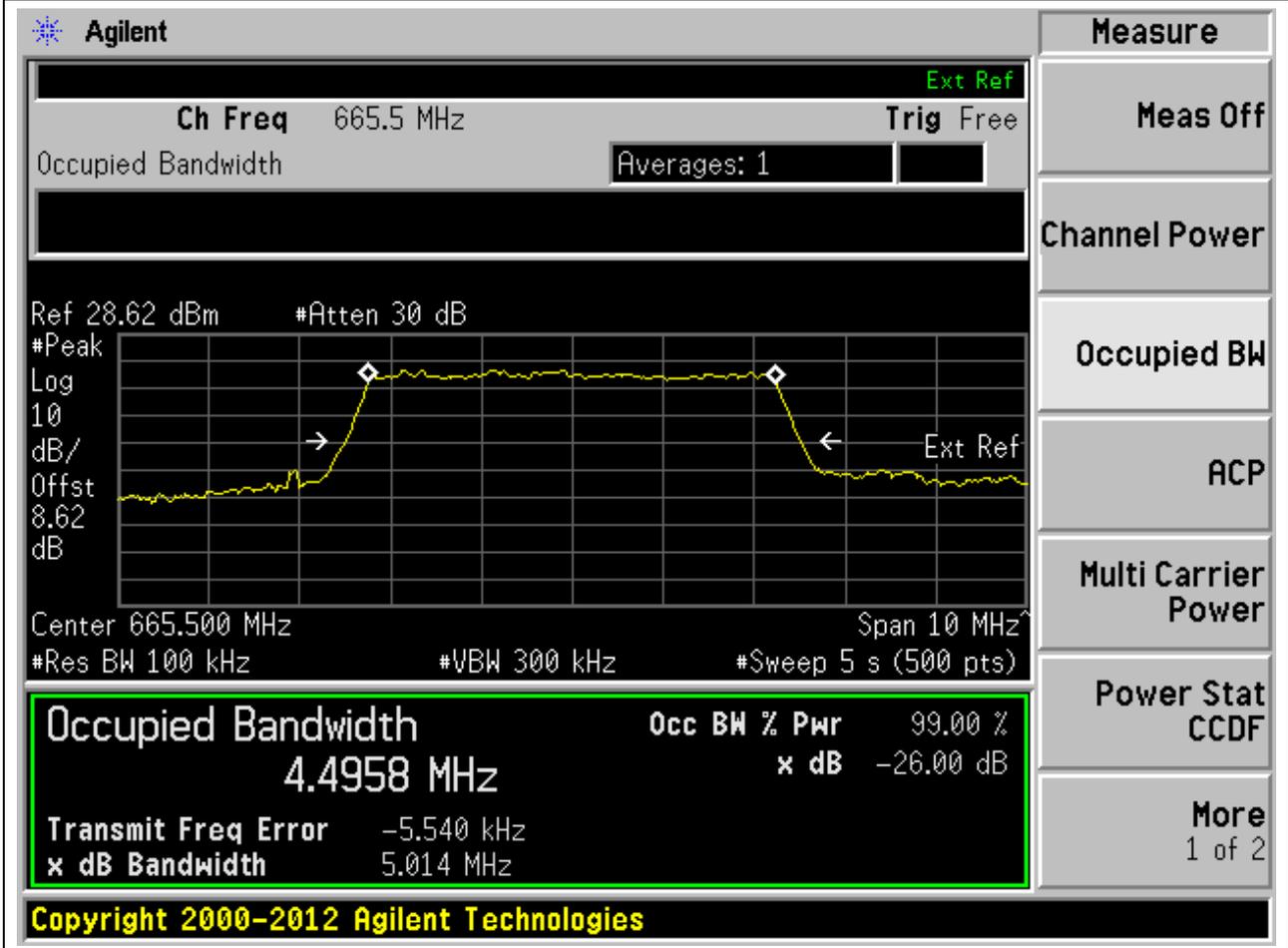
#Res BW 100 kHz #VBW 300 kHz #Sweep 5 s (500 pts)

|                           |                     |           |
|---------------------------|---------------------|-----------|
| <b>Occupied Bandwidth</b> | <b>Occ BW % Pwr</b> | 99.00 %   |
| 4.4957 MHz                | <b>x dB</b>         | -26.00 dB |
| Transmit Freq Error       | -14.199 kHz         |           |
| x dB Bandwidth            | 5.047 MHz           |           |

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**1.4. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:133100, Bandwidth:5, SCS:15, OFDM:CP-OFDM, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 665.5                  | 99            | 26            | 0.1       | Peak     | 4.5       | 5.01                | 5                 | Pass    |



**1.5. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:136100, Bandwidth:5, SCS:15, OFDM:CP-OFDM, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 680.5                  | 99            | 26            | 0.1       | Peak     | 4.52      | 5.07                | 5                 | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 680.5 MHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 28.63 dBm
#Atten 30 dB

#Peak  
 Log  
 10  
 dB/  
 Offst  
 8.63  
 dB

Center 680.500 MHz
Span 10 MHz

#Res BW 100 kHz
#VBW 300 kHz
#Sweep 5 s (500 pts)

|                            |                             |
|----------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> 99.00 % |
| 4.5223 MHz                 | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> | -4.743 kHz                  |
| <b>x dB Bandwidth</b>      | 5.066 MHz                   |

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**1.6. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:139100, Bandwidth:5, SCS:15, OFDM:CP-OFDM, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 695.5                  | 99            | 26            | 0.1       | Peak     | 4.53      | 5.03                | 5                 | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 695.5 MHz, and the span is 10 MHz. The occupied bandwidth is measured as 4.5313 MHz. The power is 99.00% and the XdB down is -26.00 dB. The detector is set to Peak. The upper limit is 5 MHz. The verdict is Pass.

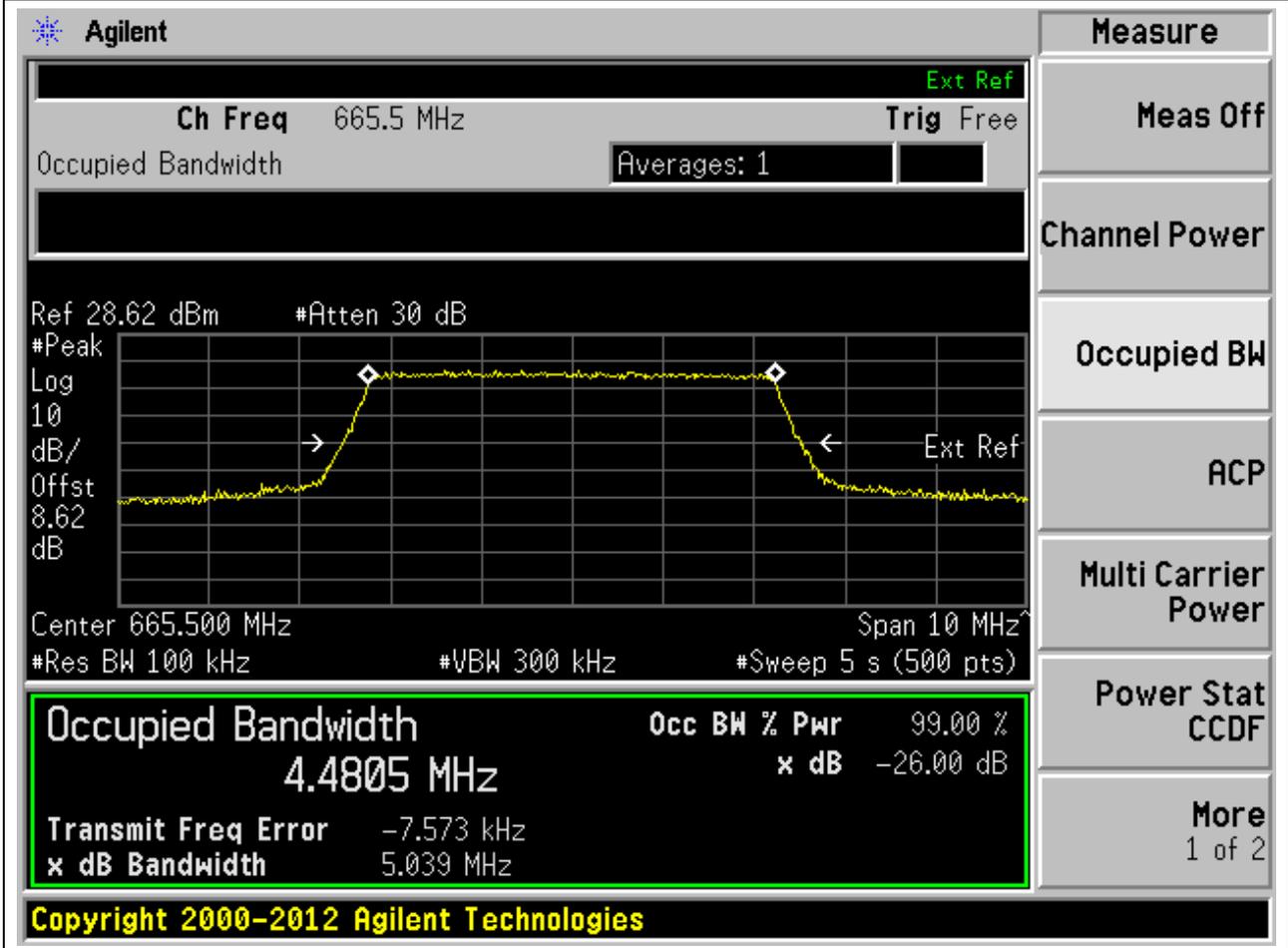
| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 4.5313 MHz         | 99.00 %      | -26.00 dB |

Other parameters shown in the screenshot include: Ch Freq 695.5 MHz, Trig Free, Averages: 1, Ref 28.7 dBm, #Atten 30 dB, #Peak, Log 10 dB/Offst 8.7 dB, Center 695.500 MHz, Span 10 MHz, #Res BW 100 kHz, #VBW 300 kHz, #Sweep 5 s (500 pts), Transmit Freq Error -12.543 kHz, x dB Bandwidth 5.031 MHz.

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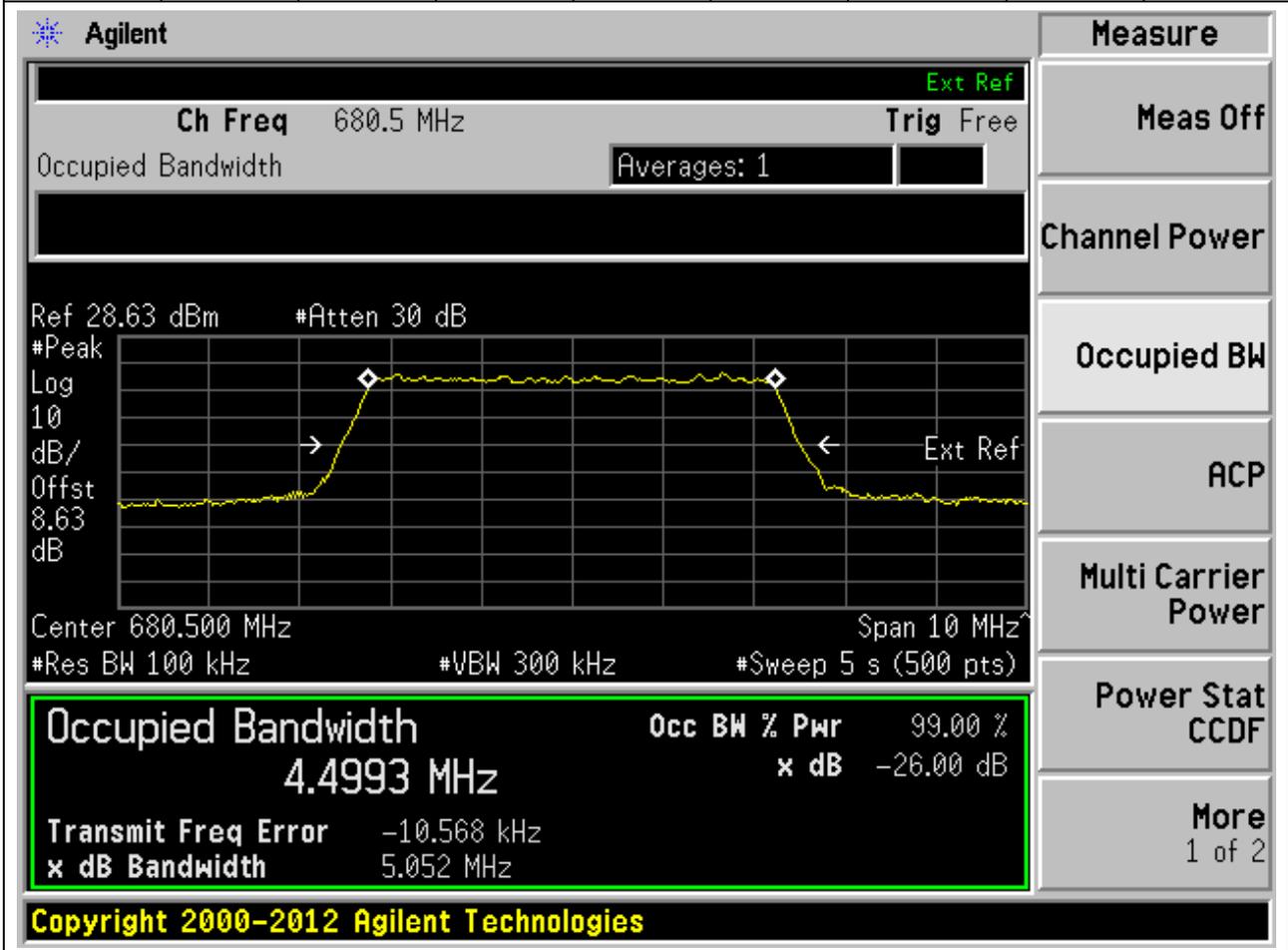
**1.7. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:133100, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:25, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 665.5                  | 99            | 26            | 0.1       | Peak     | 4.48      | 5.04                | 5                 | Pass    |



**1.8. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:136100, Bandwidth:5, SCS:15, OFDM:CP-OFDM, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 680.5                  | 99            | 26            | 0.1       | Peak     | 4.5       | 5.05                | 5                 | Pass    |



**1.9. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:139100, Bandwidth:5, SCS:15, OFDM:CP-OFDM, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 695.5                  | 99            | 26            | 0.1       | Peak     | 4.52      | 5.07                | 5                 | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 695.5 MHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 28.7 dBm #Atten 30 dB

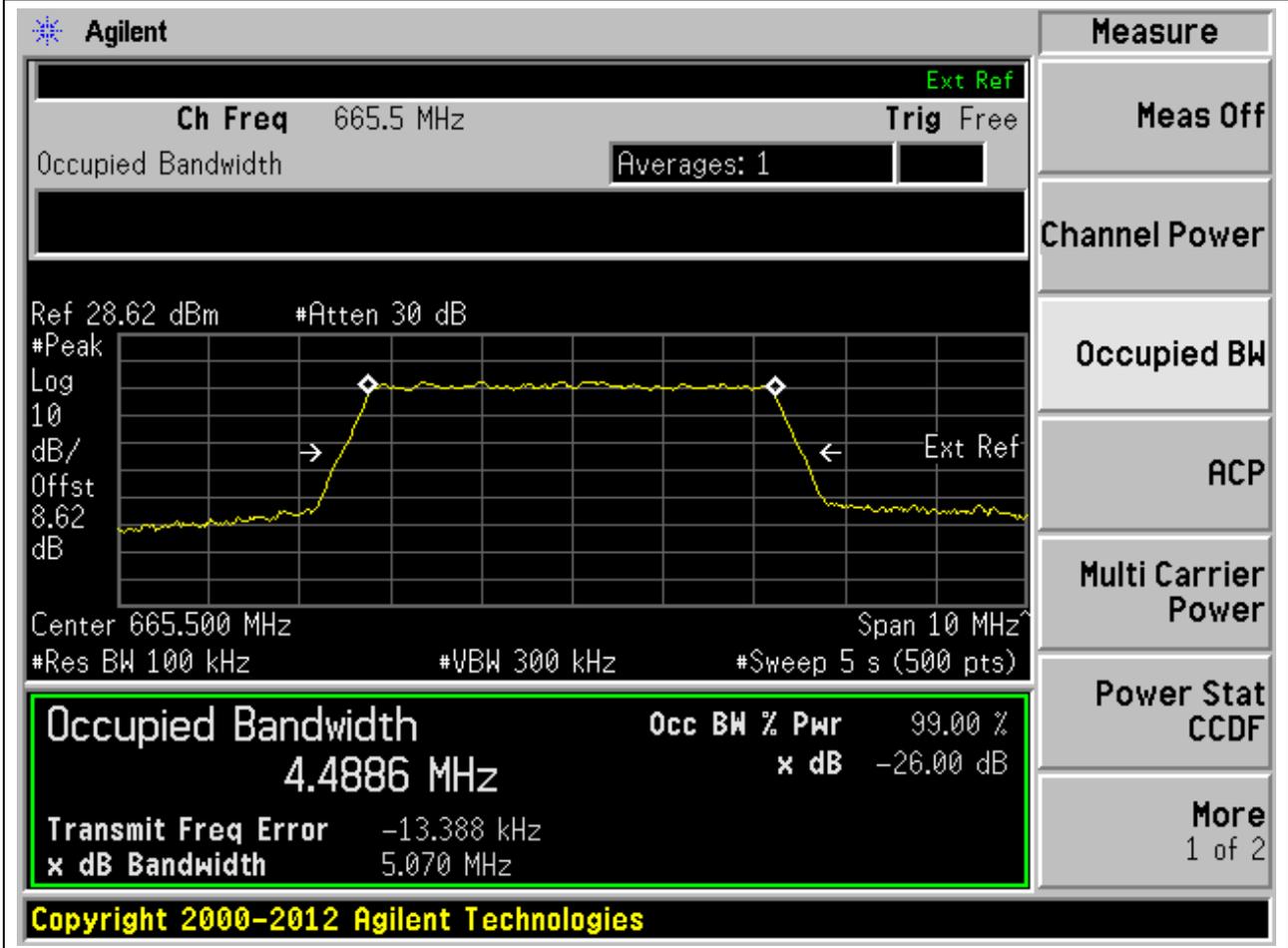
Center 695.500 MHz Span 10 MHz  
 #Res BW 100 kHz #VBW 300 kHz #Sweep 5 s (500 pts)

|                            |                             |
|----------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> 99.00 % |
| 4.5207 MHz                 | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> | -23.499 kHz                 |
| <b>x dB Bandwidth</b>      | 5.066 MHz                   |

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**1.10. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:133100, Bandwidth:5, SCS:15, OFDM:CP-OFDM, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 665.5                  | 99            | 26            | 0.1       | Peak     | 4.49      | 5.07                | 5                 | Pass    |



**1.11. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:136100, Bandwidth:5, SCS:15, OFDM:CP-OFDM, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 680.5                  | 99            | 26            | 0.1       | Peak     | 4.49      | 5.03                | 5                 | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 680.5 MHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 28.63 dBm
#Atten 30 dB

#Peak

Center 680.500 MHz
Span 10 MHz

#Res BW 100 kHz
#VBW 300 kHz
#Sweep 5 s (500 pts)

|                            |                             |
|----------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> 99.00 % |
| 4.4902 MHz                 | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> | -15.725 kHz                 |
| <b>x dB Bandwidth</b>      | 5.031 MHz                   |

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**1.12. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:139100, Bandwidth:5, SCS:15, OFDM:CP-OFDM, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 695.5                  | 99            | 26            | 0.1       | Peak     | 4.51      | 5.03                | 5                 | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 695.5 MHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 28.7 dBm
#Atten 30 dB

#Peak

Center 695.500 MHz
Span 10 MHz

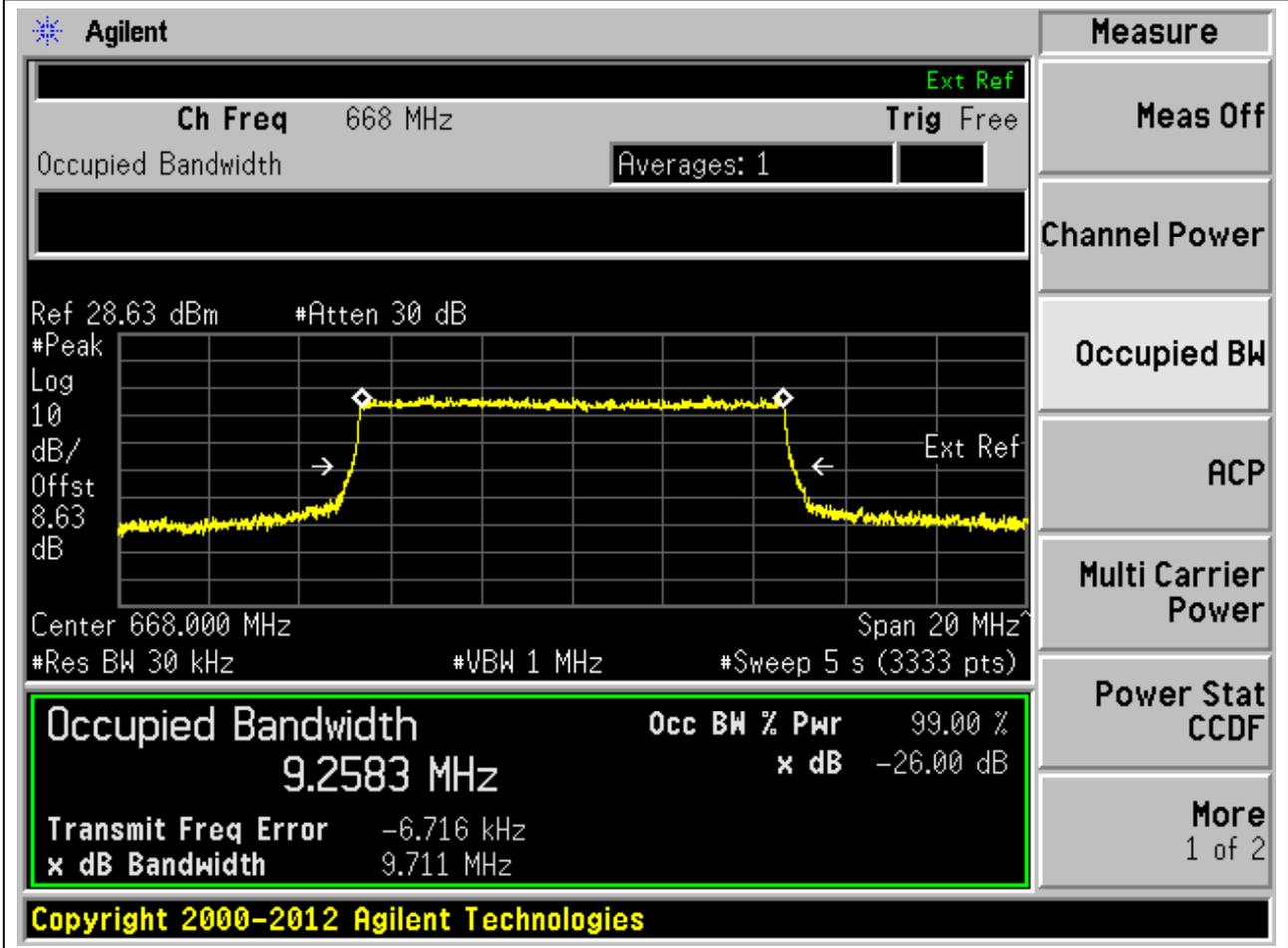
#Res BW 100 kHz
#VBW 300 kHz
#Sweep 5 s (500 pts)

|                            |                             |
|----------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> 99.00 % |
| 4.5095 MHz                 | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> | -24.122 kHz                 |
| <b>x dB Bandwidth</b>      | 5.034 MHz                   |

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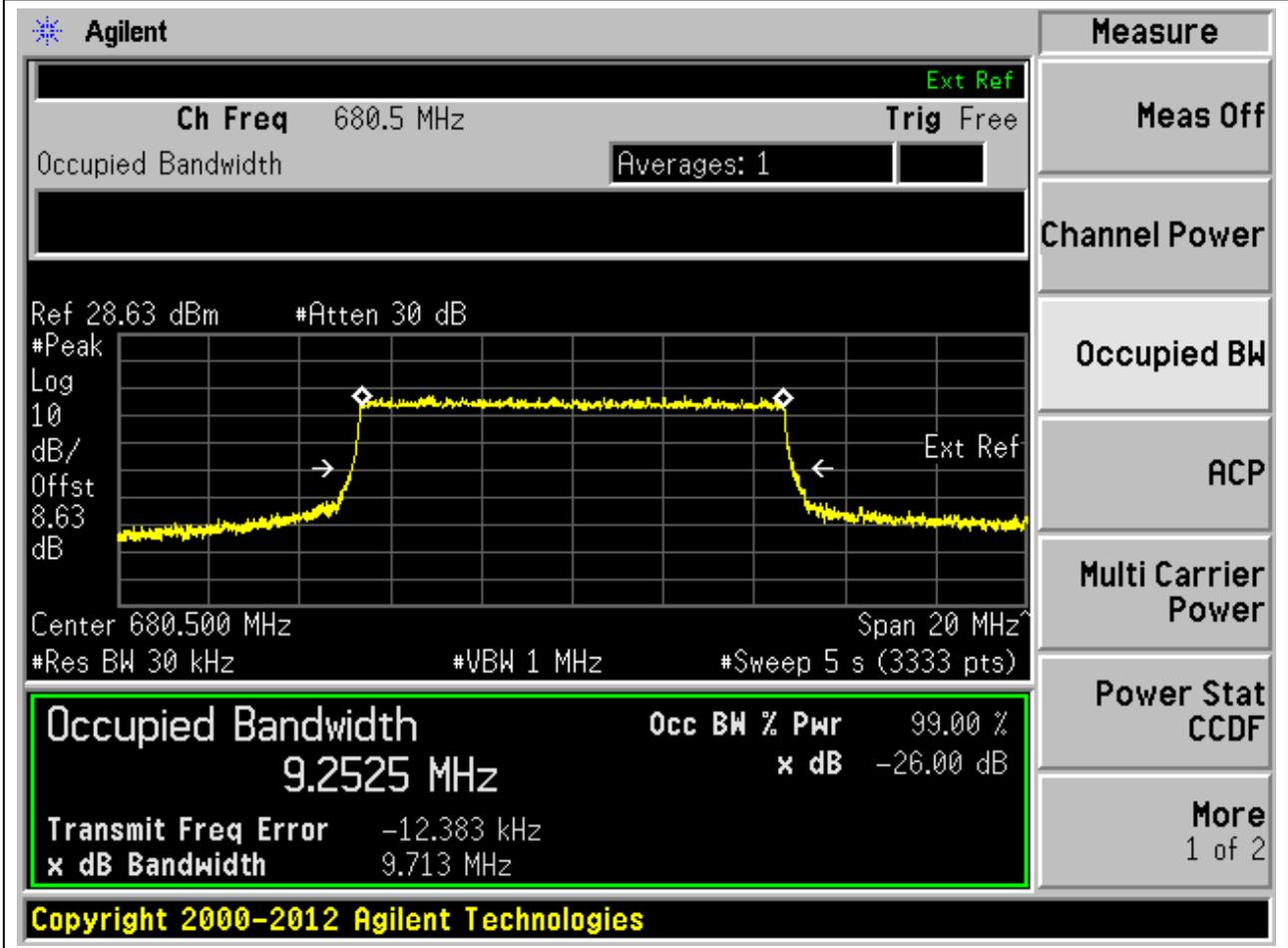
**1.13. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:133600, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 668                    | 99            | 26            | 0.03      | Peak     | 9.26      | 9.71                | 10                | Pass    |



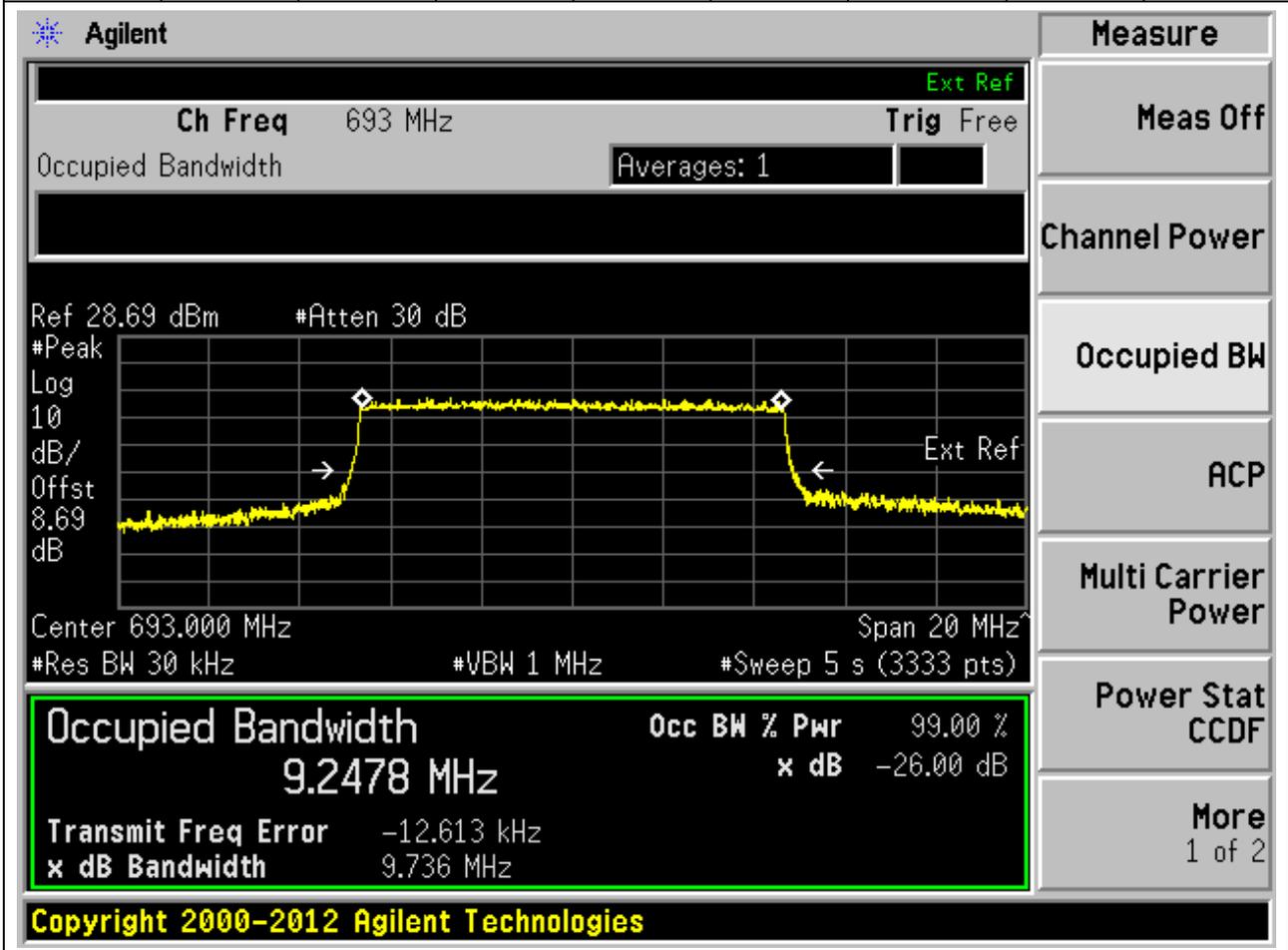
**1.14. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:136100, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 680.5                  | 99            | 26            | 0.03      | Peak     | 9.25      | 9.71                | 10                | Pass    |



**1.15. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:138600, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 693                    | 99            | 26            | 0.03      | Peak     | 9.25      | 9.74                | 10                | Pass    |



**1.16. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:133600, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 668                    | 99            | 26            | 0.03      | Peak     | 9.26      | 9.64                | 10                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 668.000 MHz and the span is 20 MHz. The occupied bandwidth is measured as 9.2641 MHz. The power is 99.00% and the XdB bandwidth is 9.640 MHz. The XdB down is -26.00 dB. The transmit frequency error is -1.676 kHz. The interface also shows various measurement settings like Res BW (30 kHz), VBW (1 MHz), and Sweep (5 s).

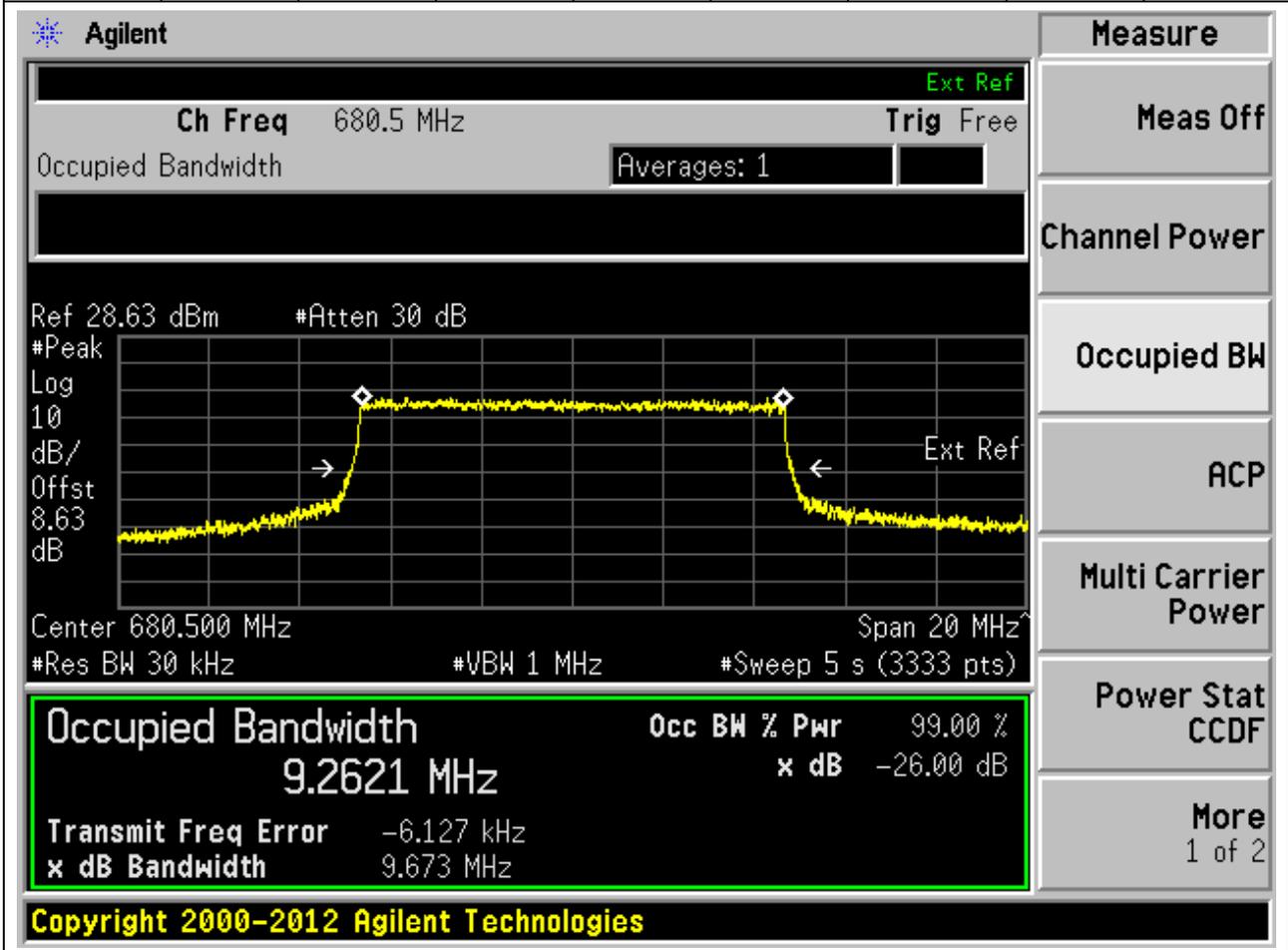
| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 9.2641 MHz         | 99.00 %      | -26.00 dB |

Transmit Freq Error: -1.676 kHz  
x dB Bandwidth: 9.640 MHz

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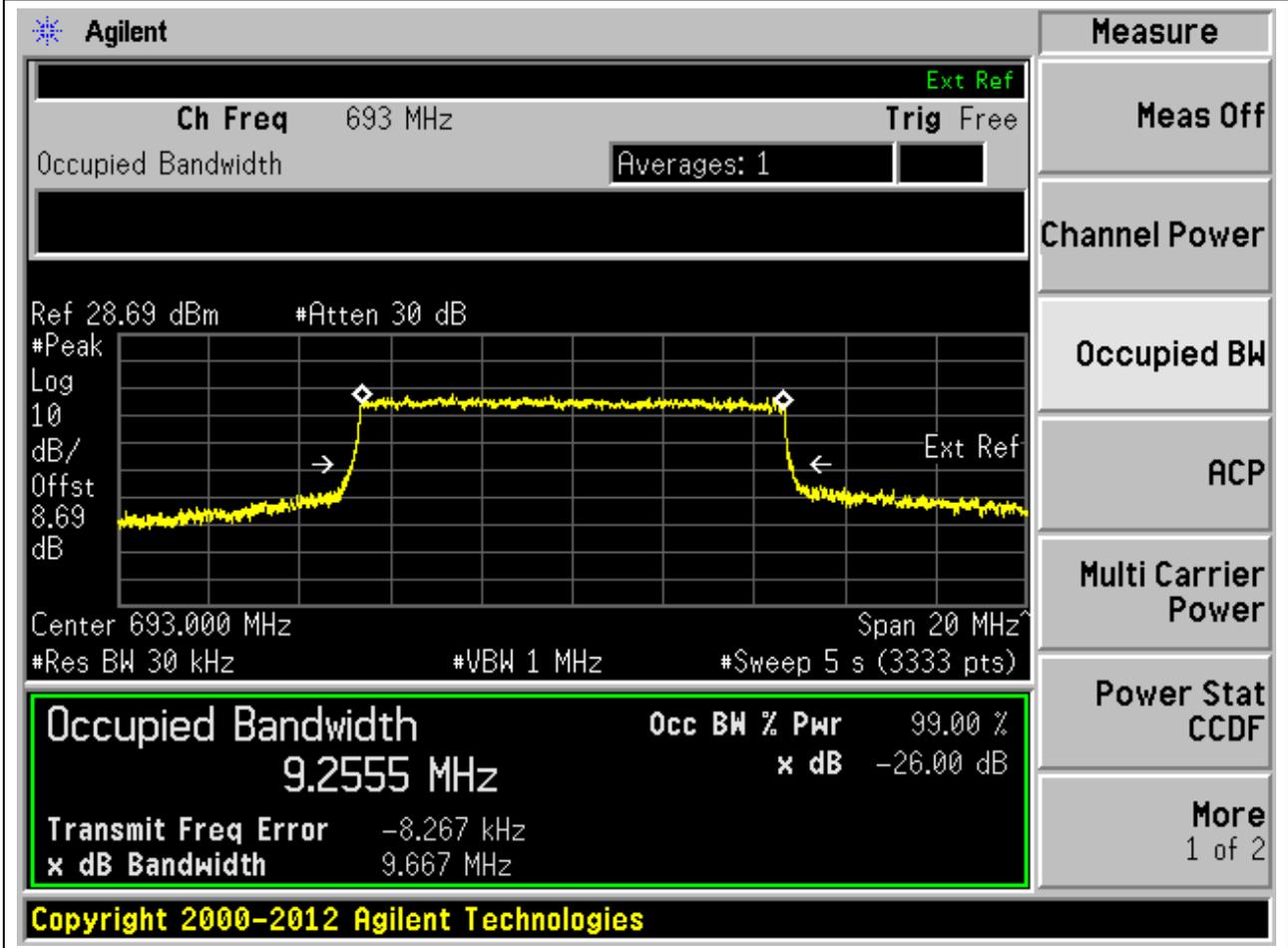
**1.17. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:136100, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 680.5                  | 99            | 26            | 0.03      | Peak     | 9.26      | 9.67                | 10                | Pass    |



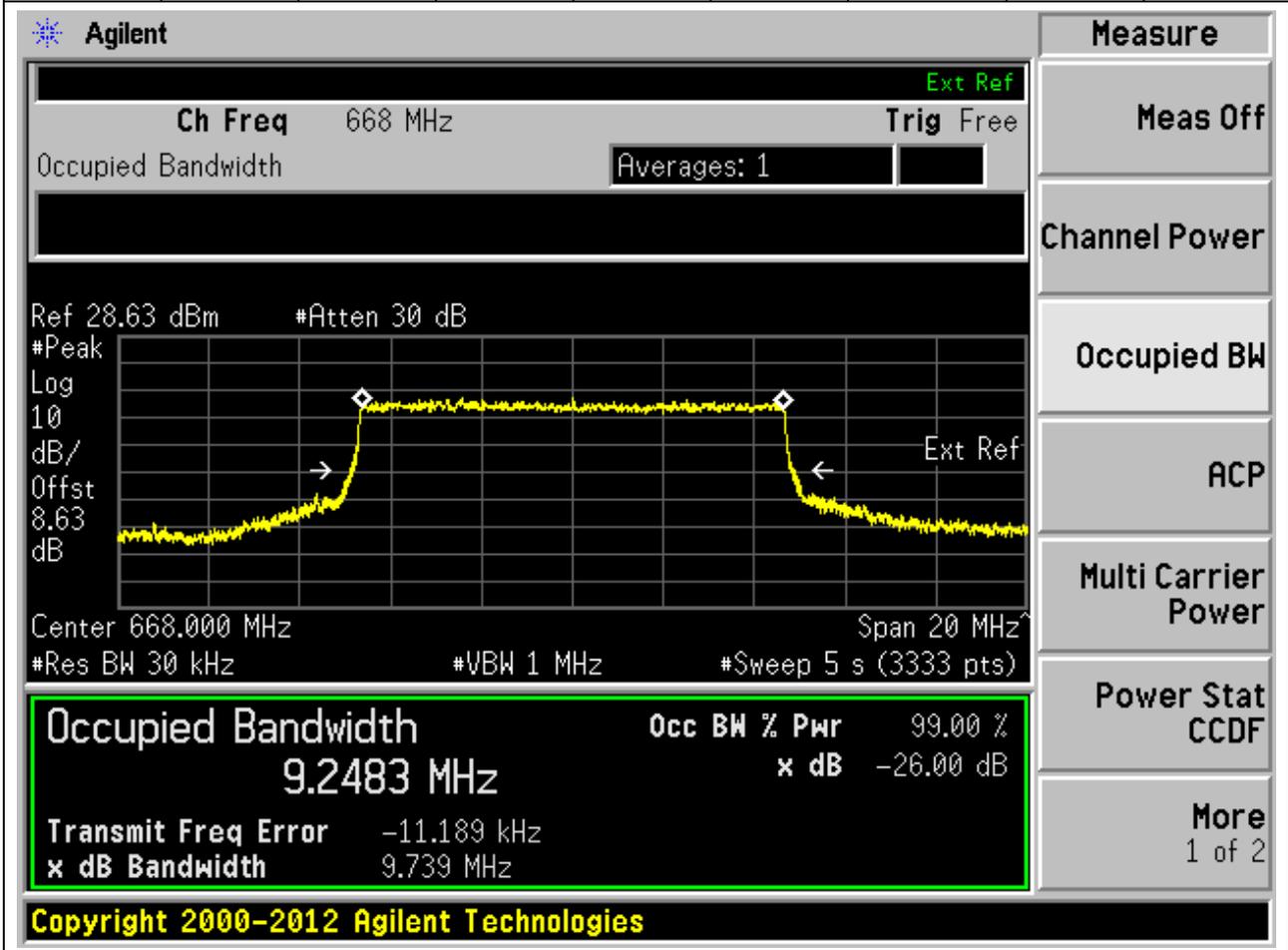
**1.18. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:138600, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 693                    | 99            | 26            | 0.03      | Peak     | 9.26      | 9.67                | 10                | Pass    |



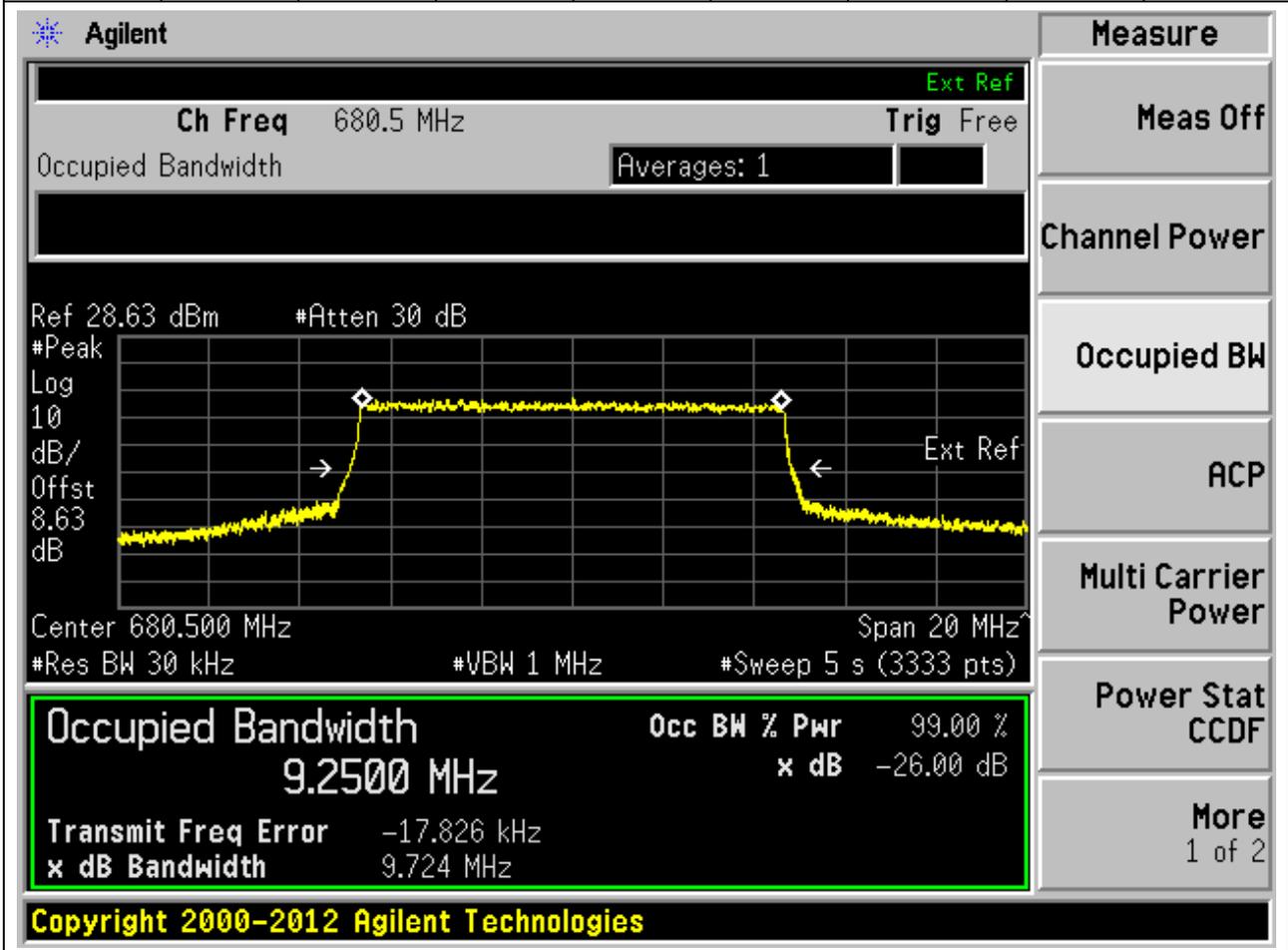
**1.19. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:133600, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 668                    | 99            | 26            | 0.03      | Peak     | 9.25      | 9.74                | 10                | Pass    |



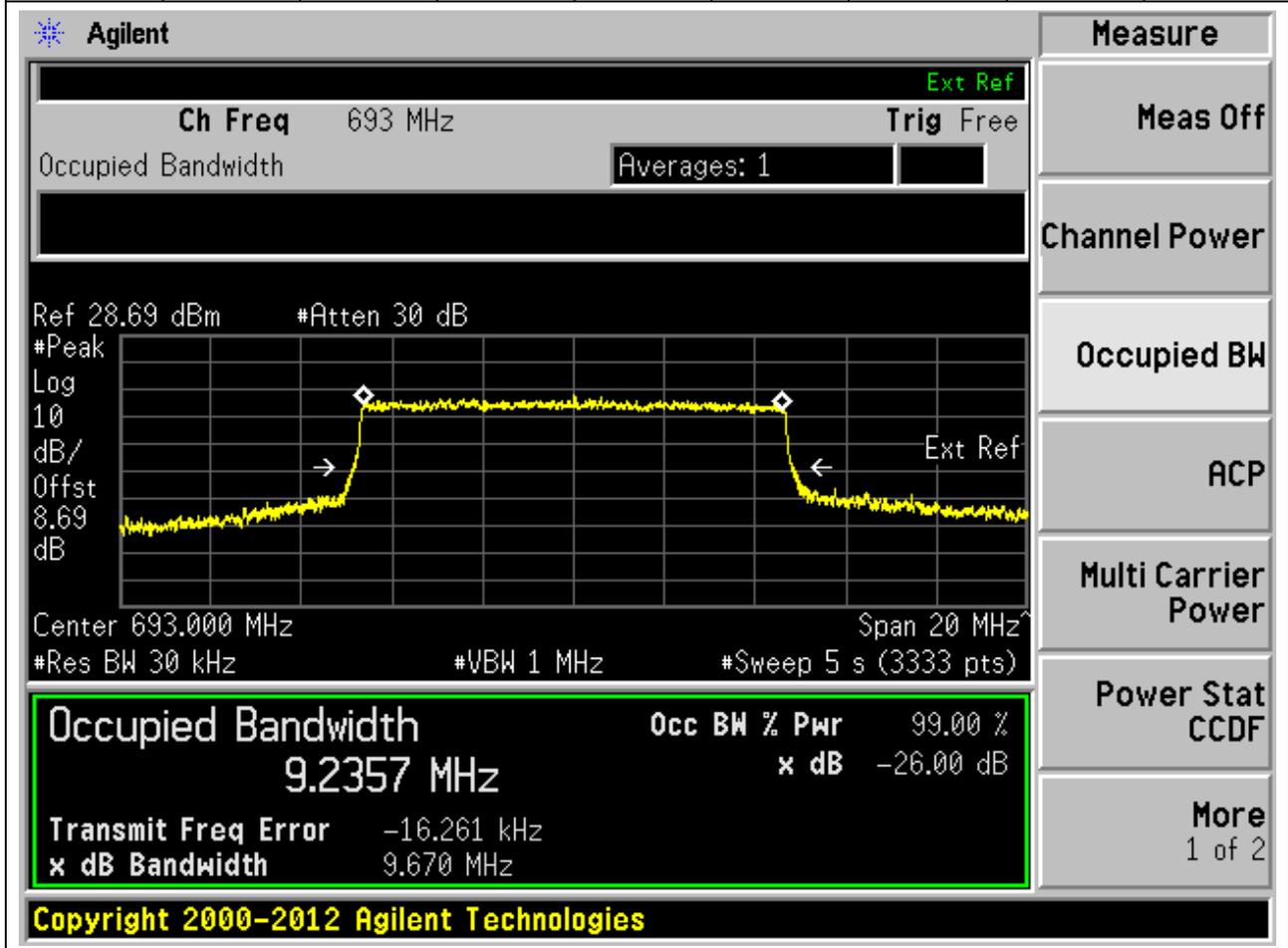
**1.20. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:136100, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 680.5                  | 99            | 26            | 0.03      | Peak     | 9.25      | 9.72                | 10                | Pass    |



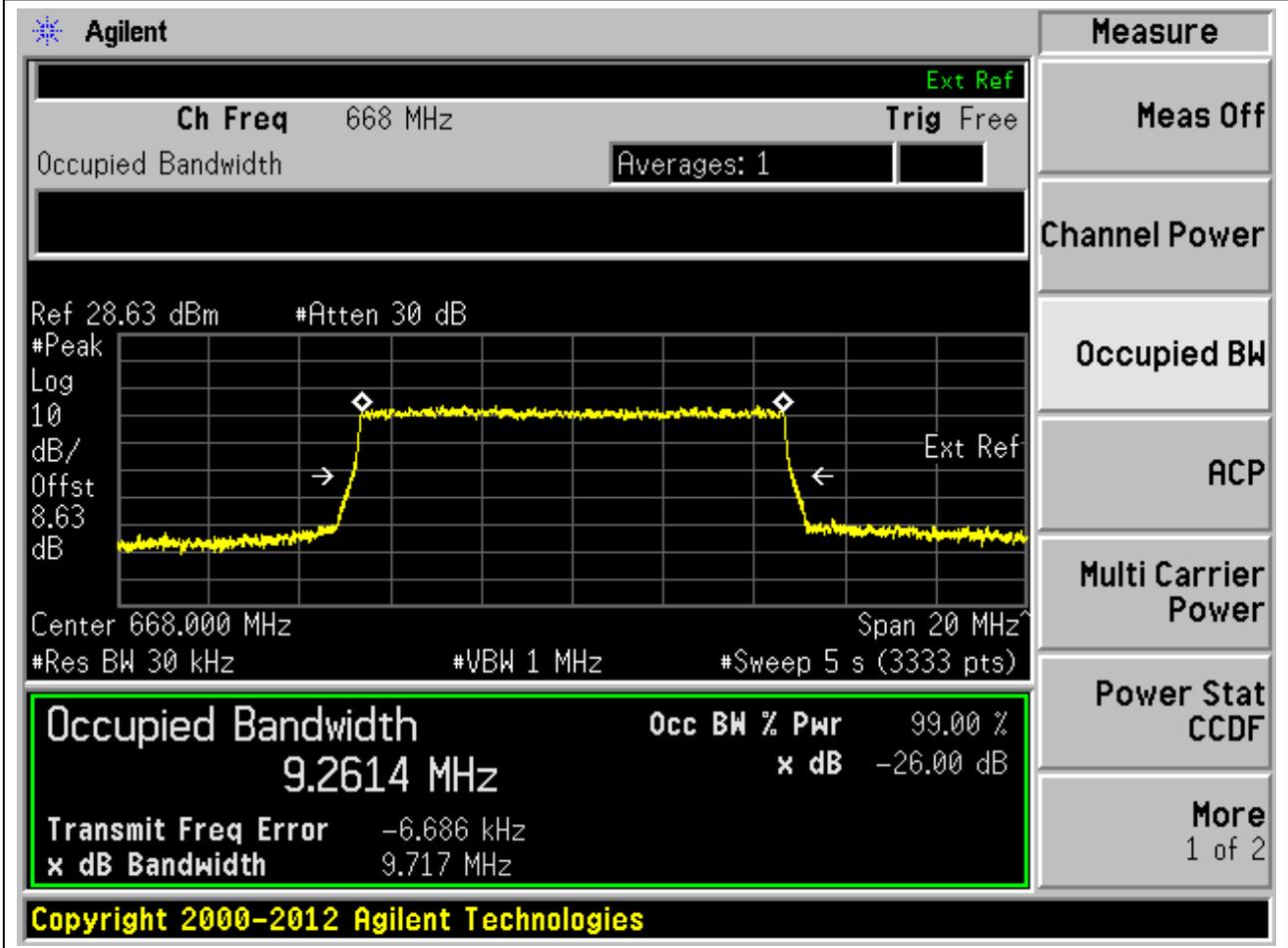
**1.21. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:138600, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 693                    | 99            | 26            | 0.03      | Peak     | 9.24      | 9.67                | 10                | Pass    |



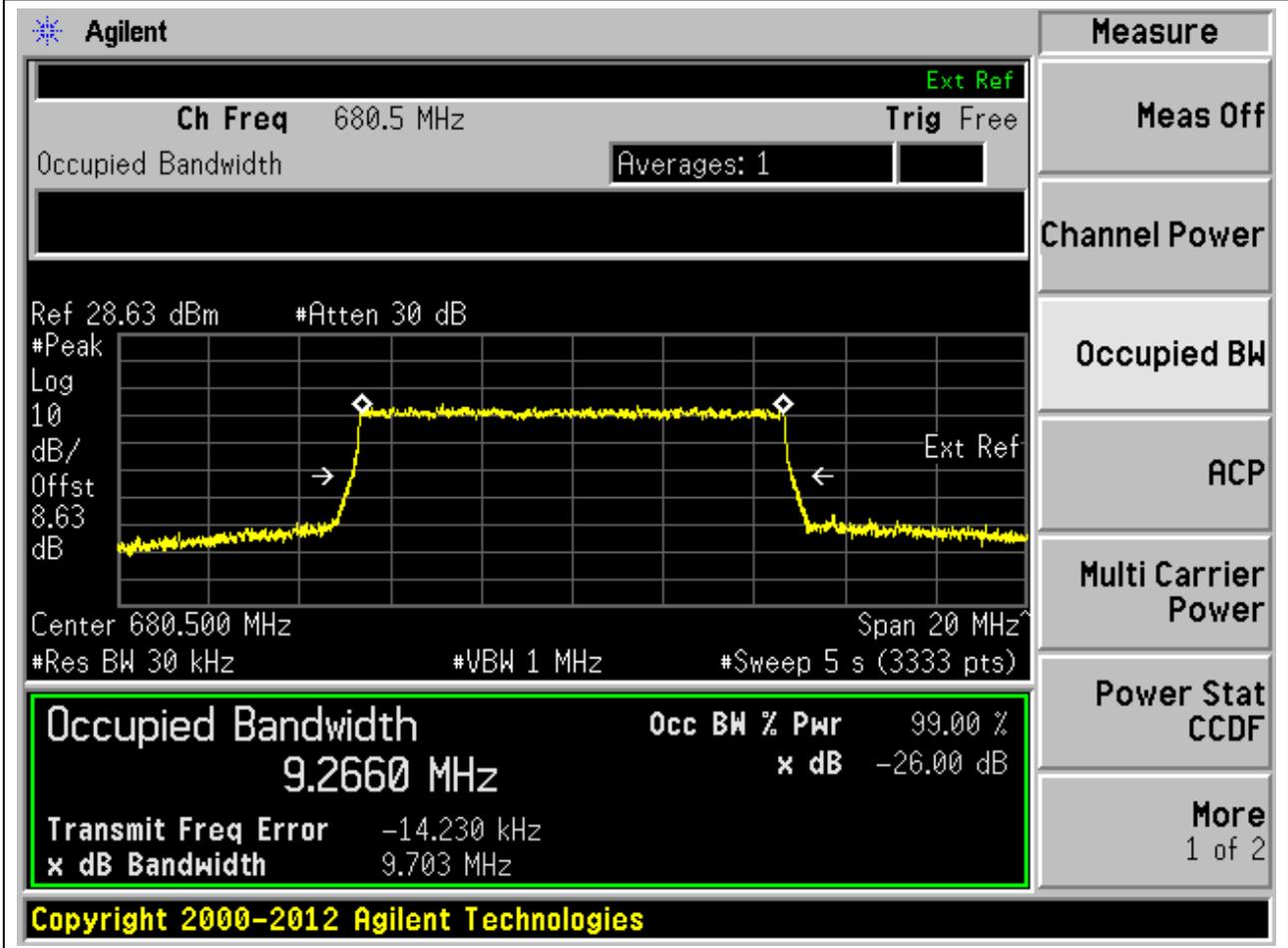
**1.22. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:133600, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 668                    | 99            | 26            | 0.03      | Peak     | 9.26      | 9.72                | 10                | Pass    |



**1.23. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:136100, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 680.5                  | 99            | 26            | 0.03      | Peak     | 9.27      | 9.7                 | 10                | Pass    |



**1.24. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:138600, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 693                    | 99            | 26            | 0.03      | Peak     | 9.25      | 9.65                | 10                | Pass    |

Agilent

**Measure**  
Meas Off  
Channel Power  
**Occupied BW**  
ACP  
Multi Carrier Power  
Power Stat CCDF  
More  
1 of 2

Ch Freq 693 MHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 28.69 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 8.69 dB

Center 693.000 MHz Span 20 MHz

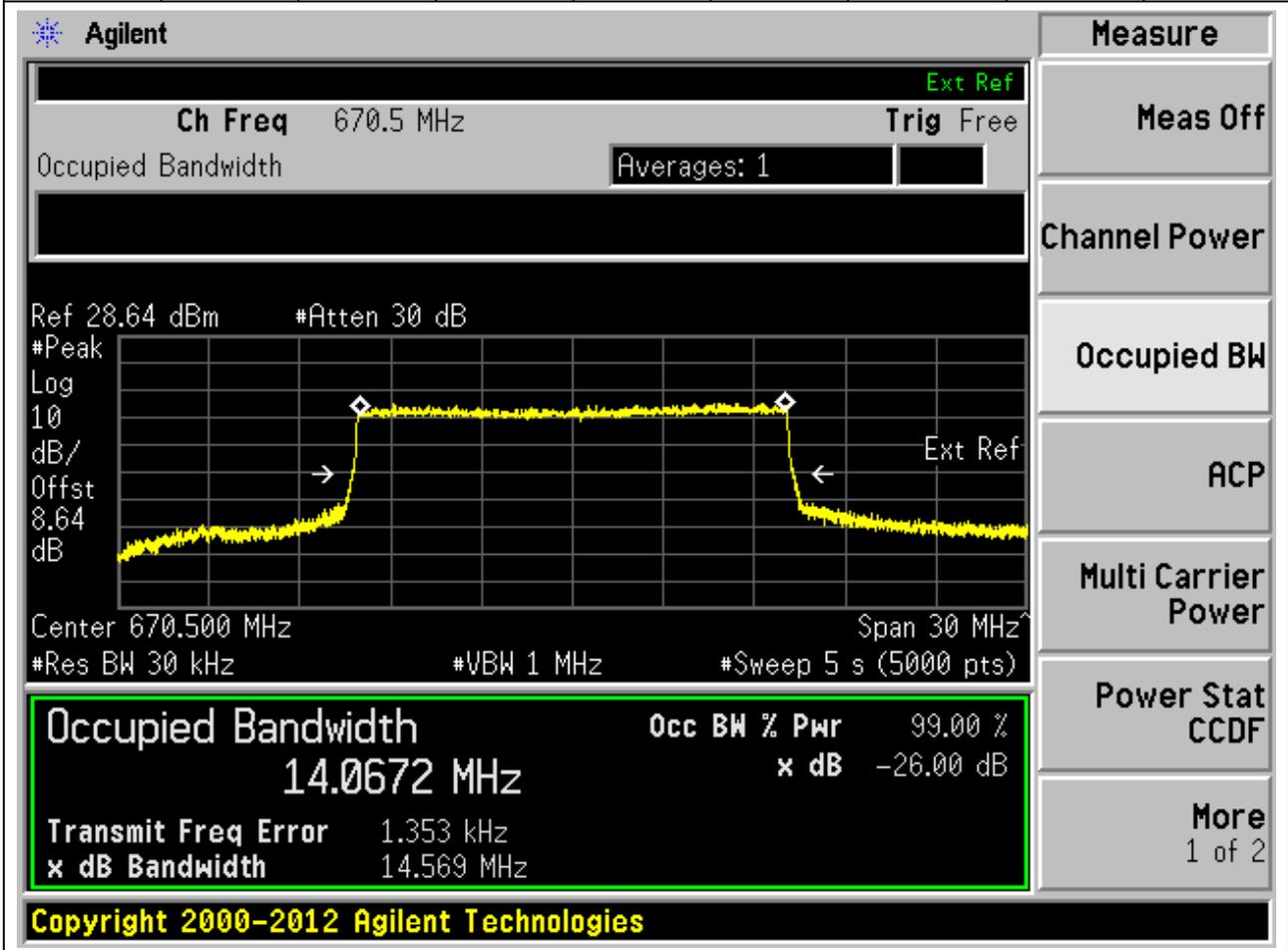
#Res BW 30 kHz #VBW 1 MHz #Sweep 5 s (3333 pts)

|                            |                             |
|----------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> 99.00 % |
| 9.2486 MHz                 | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> | -12.231 kHz                 |
| <b>x dB Bandwidth</b>      | 9.652 MHz                   |

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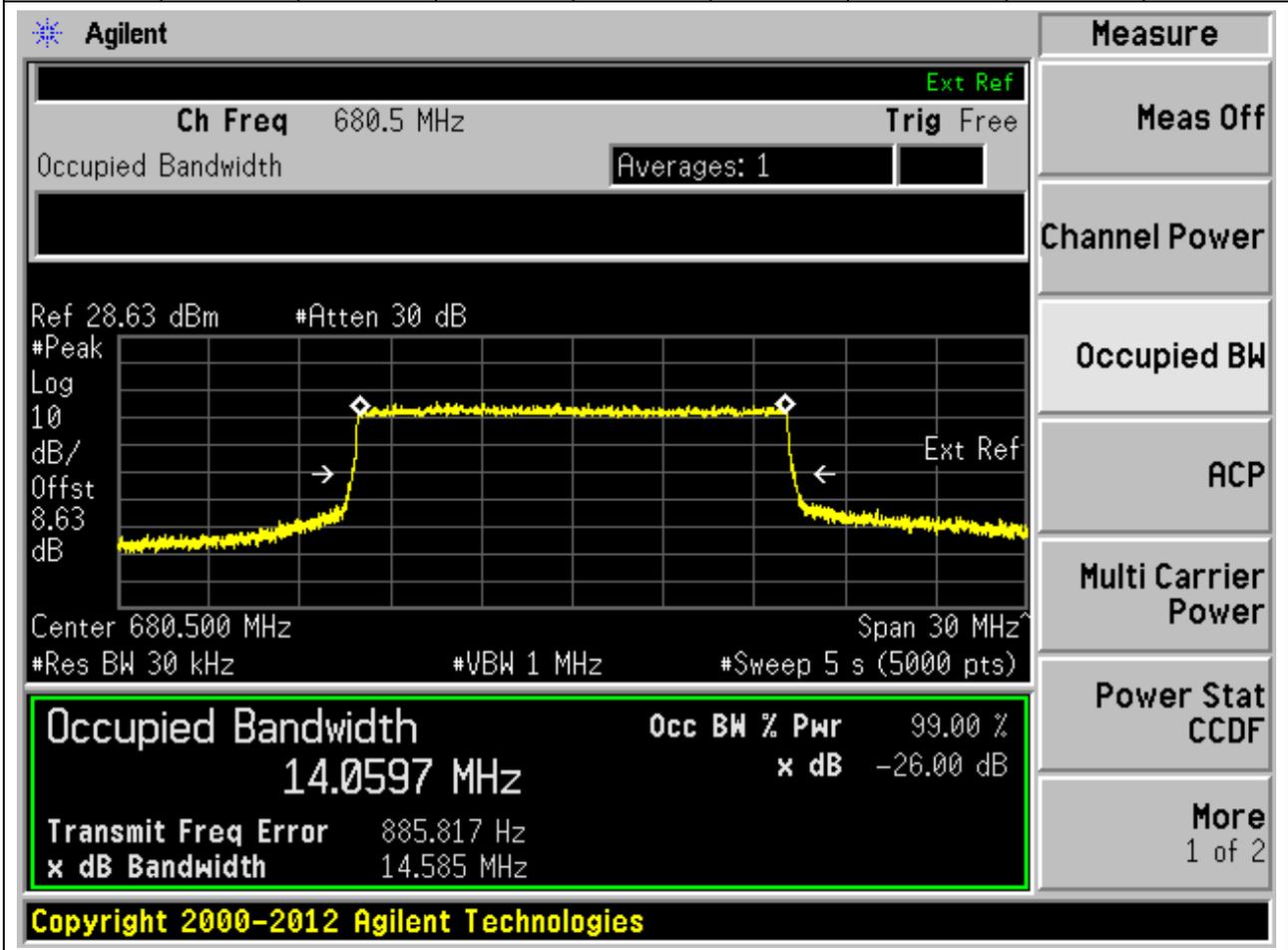
**1.25. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:134100, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 670.5                  | 99            | 26            | 0.03      | Peak     | 14.07     | 14.57               | 15                | Pass    |



**1.26. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:136100, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 680.5                  | 99            | 26            | 0.03      | Peak     | 14.06     | 14.58               | 15                | Pass    |



**1.27. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:138100, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 690.5                  | 99            | 26            | 0.03      | Peak     | 14.05     | 14.58               | 15                | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 690.5 MHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 28.67 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 8.67 dB

Center 690.500 MHz Span 30 MHz

#Res BW 30 kHz #VBW 1 MHz #Sweep 5 s (5000 pts)

|                            |                             |
|----------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> 99.00 % |
| 14.0509 MHz                | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> | -12.141 kHz                 |
| <b>x dB Bandwidth</b>      | 14.580 MHz                  |

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**1.28. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:134100, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 670.5                  | 99            | 26            | 0.03      | Peak     | 14.06     | 14.55               | 15                | Pass    |

**Agilent**

Ch Freq 670.5 MHz Trig Free

Occupied Bandwidth Averages: 1

Ref 28.64 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 8.64 dB

Center 670.500 MHz Span 30 MHz

#Res BW 30 kHz #VBW 1 MHz #Sweep 5 s (5000 pts)

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

14.0614 MHz x dB -26.00 dB

Transmit Freq Error -769.467 Hz

x dB Bandwidth 14.546 MHz

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**Measure**

Meas Off

Channel Power

Occupied BW

ACP

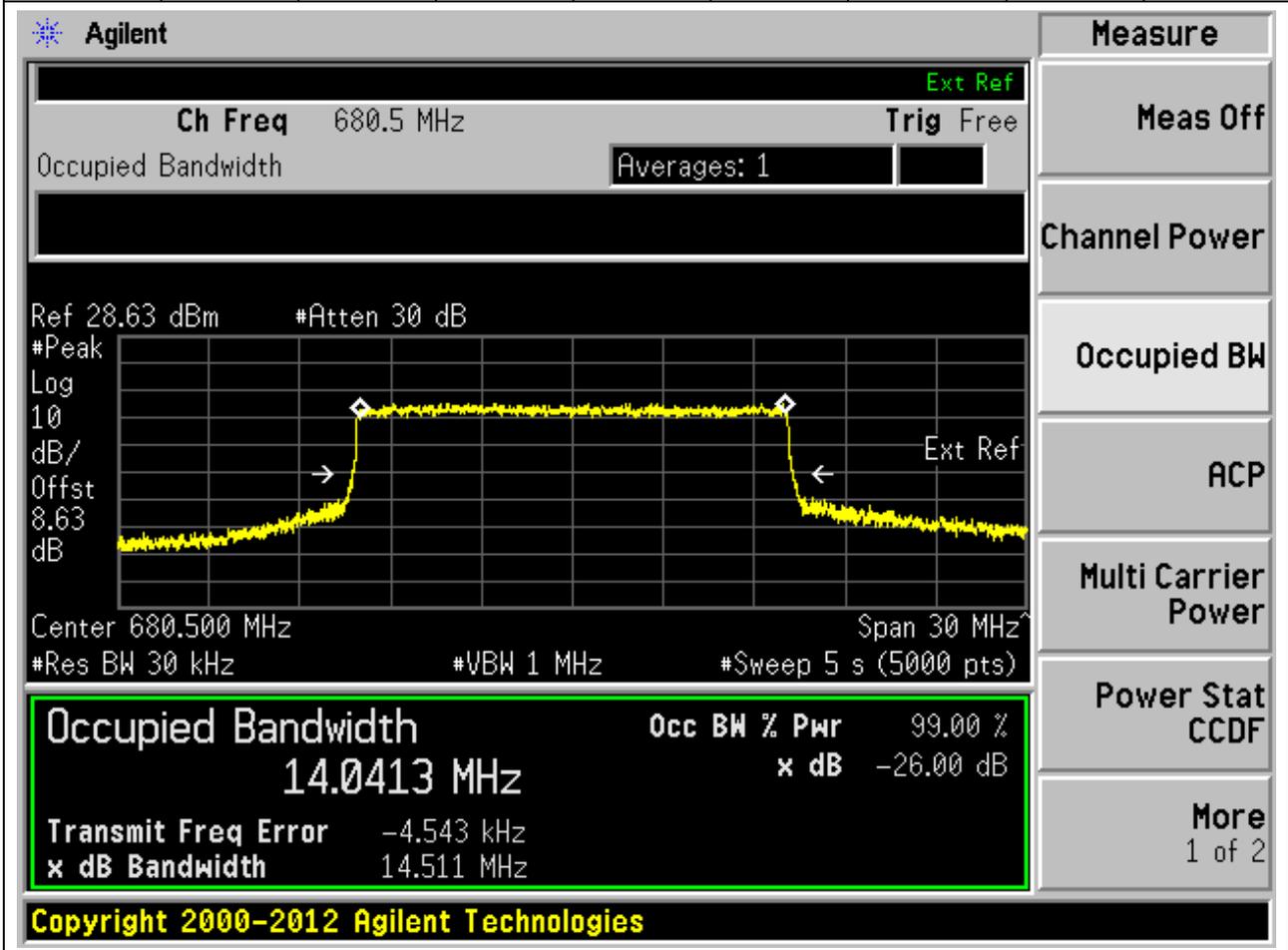
Multi Carrier Power

Power Stat CCDF

More 1 of 2

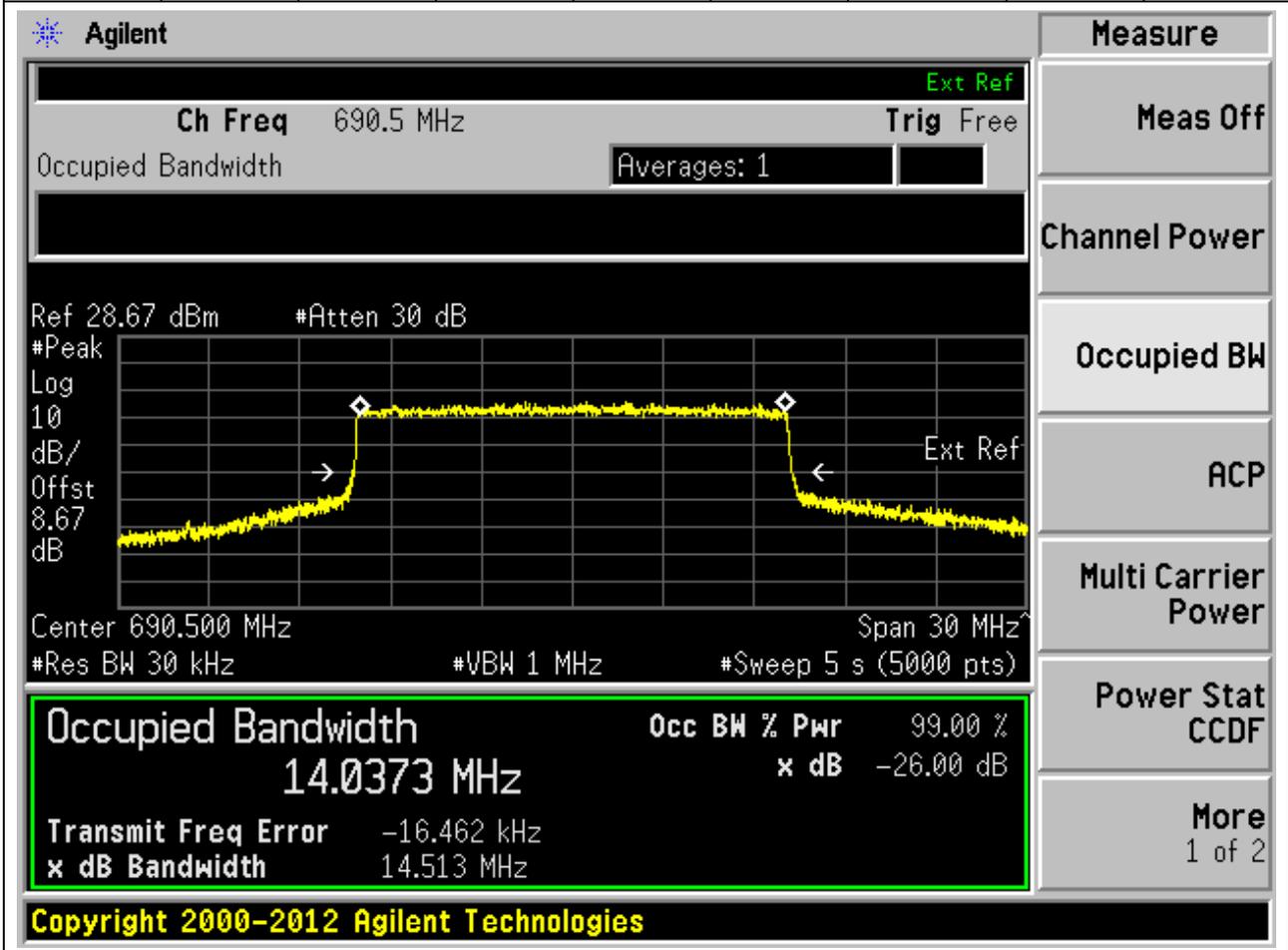
**1.29. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:136100, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 680.5                  | 99            | 26            | 0.03      | Peak     | 14.04     | 14.51               | 15                | Pass    |



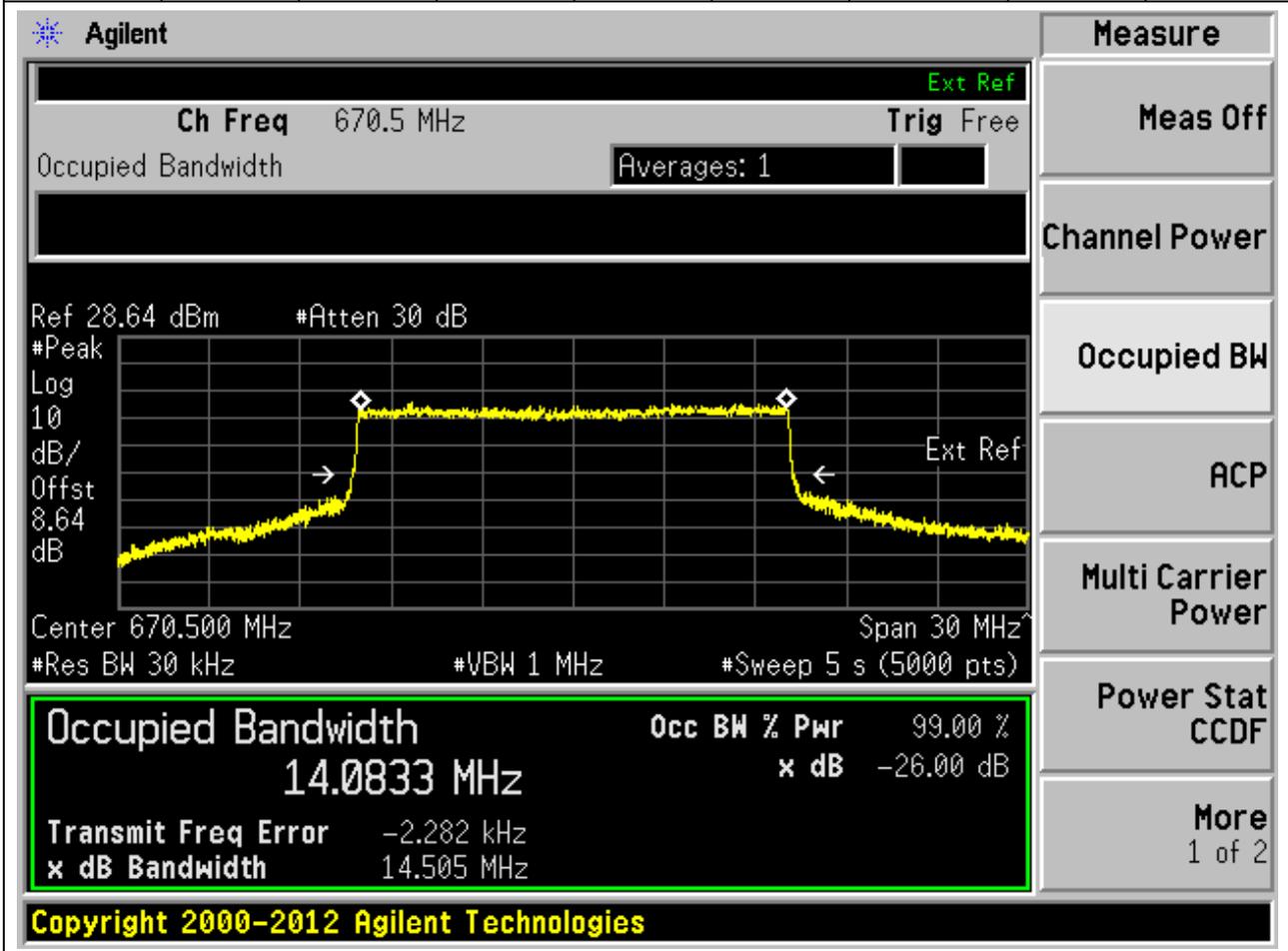
**1.30. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:138100, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 690.5                  | 99            | 26            | 0.03      | Peak     | 14.04     | 14.51               | 15                | Pass    |



**1.31. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:134100, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 670.5                  | 99            | 26            | 0.03      | Peak     | 14.08     | 14.5                | 15                | Pass    |



**1.32. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:136100, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 680.5                  | 99            | 26            | 0.03      | Peak     | 14.07     | 14.52               | 15                | Pass    |

Agilent
Measure

Ch Freq 680.5 MHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 28.63 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 8.63 dB

Center 680.500 MHz Span 30 MHz

#Res BW 30 kHz #VBW 1 MHz #Sweep 5 s (5000 pts)

|  |                             |
|--|-----------------------------|
| <b>Occupied Bandwidth</b>              | <b>Occ BW % Pwr</b> 99.00 % |
| 14.0686 MHz                            | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> -10.300 kHz |                             |
| <b>x dB Bandwidth</b> 14.515 MHz       |                             |

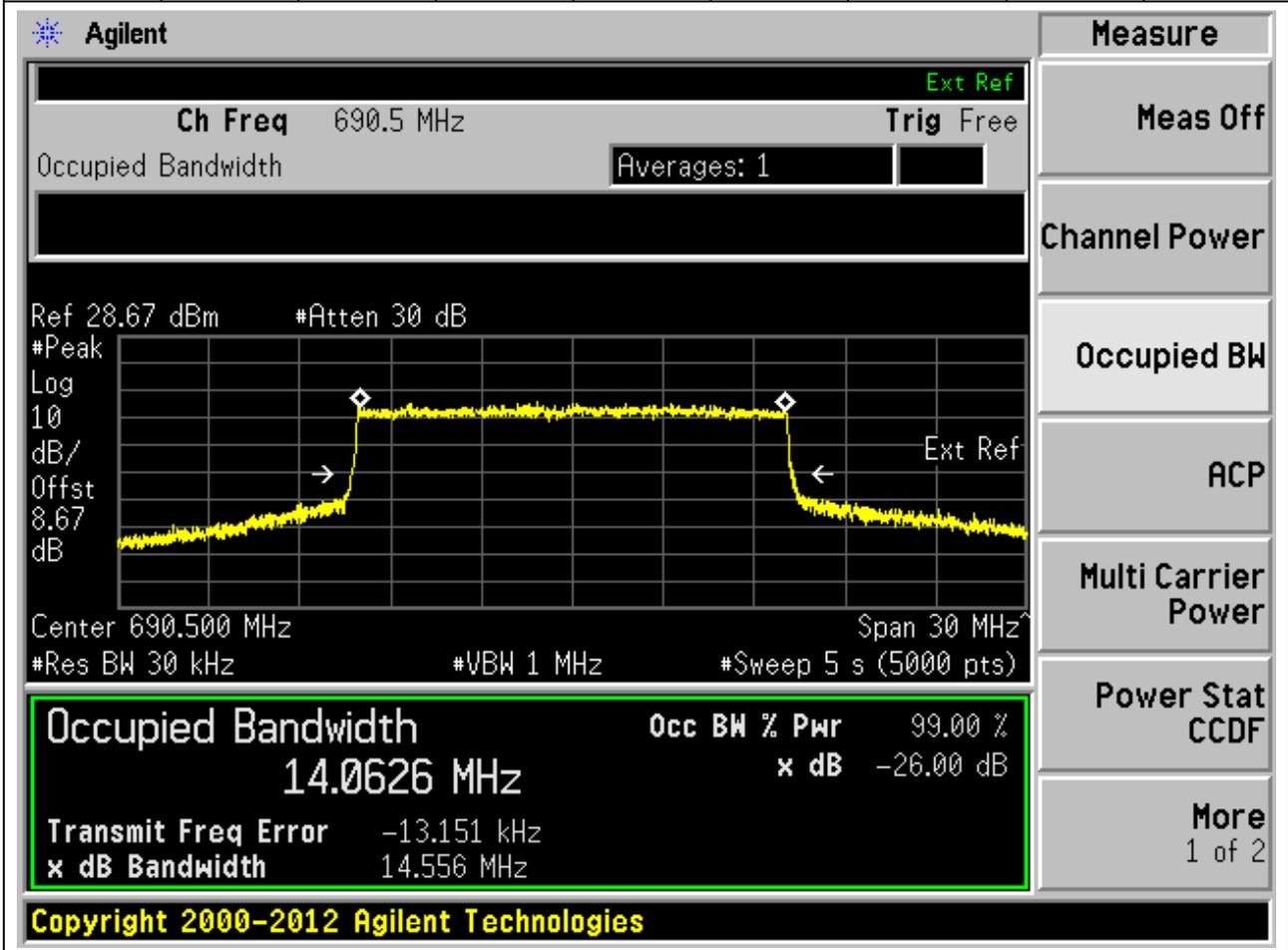
Power Stat CCDF

More 1 of 2

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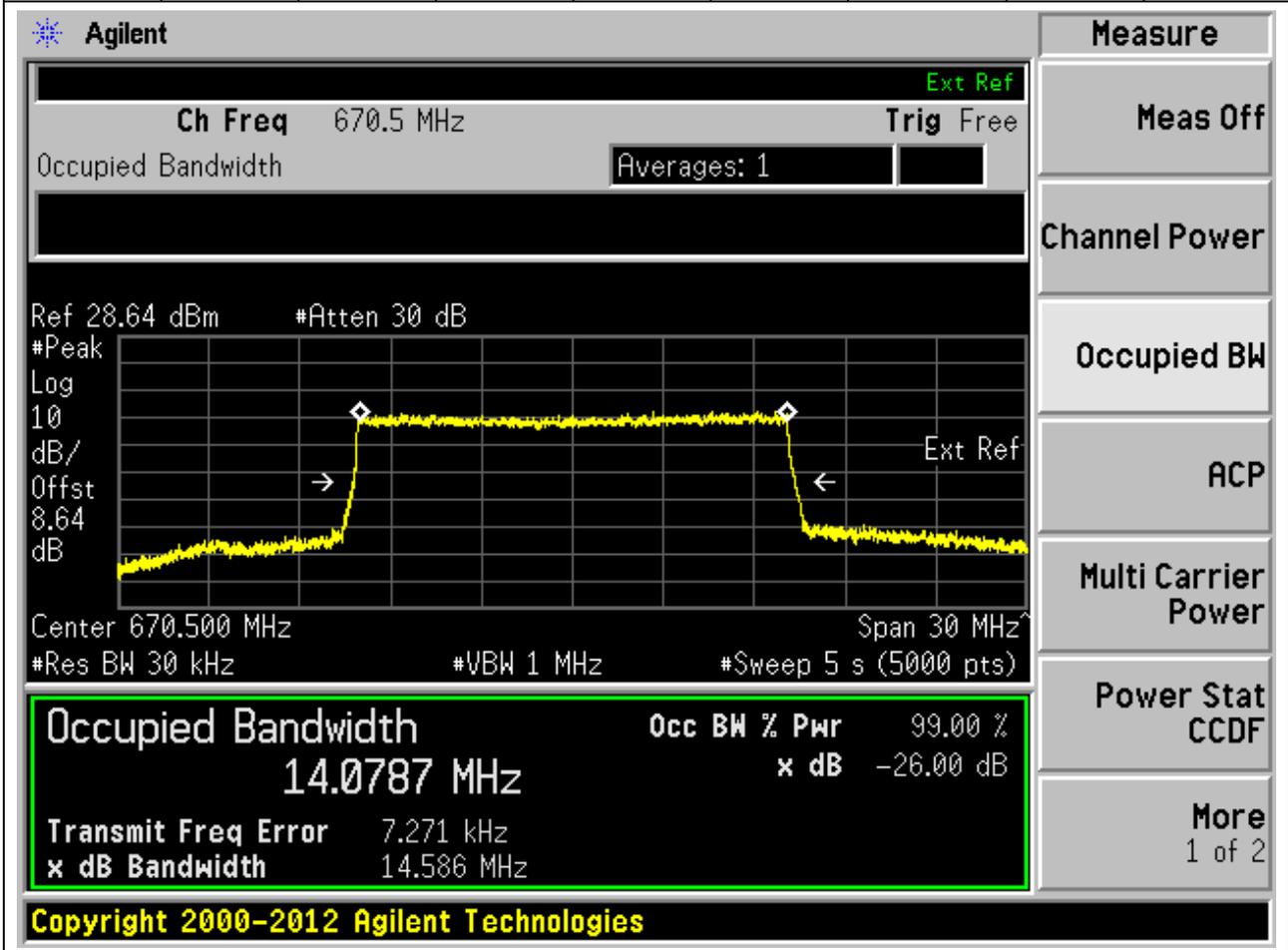
**1.33. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:138100, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 690.5                  | 99            | 26            | 0.03      | Peak     | 14.06     | 14.56               | 15                | Pass    |



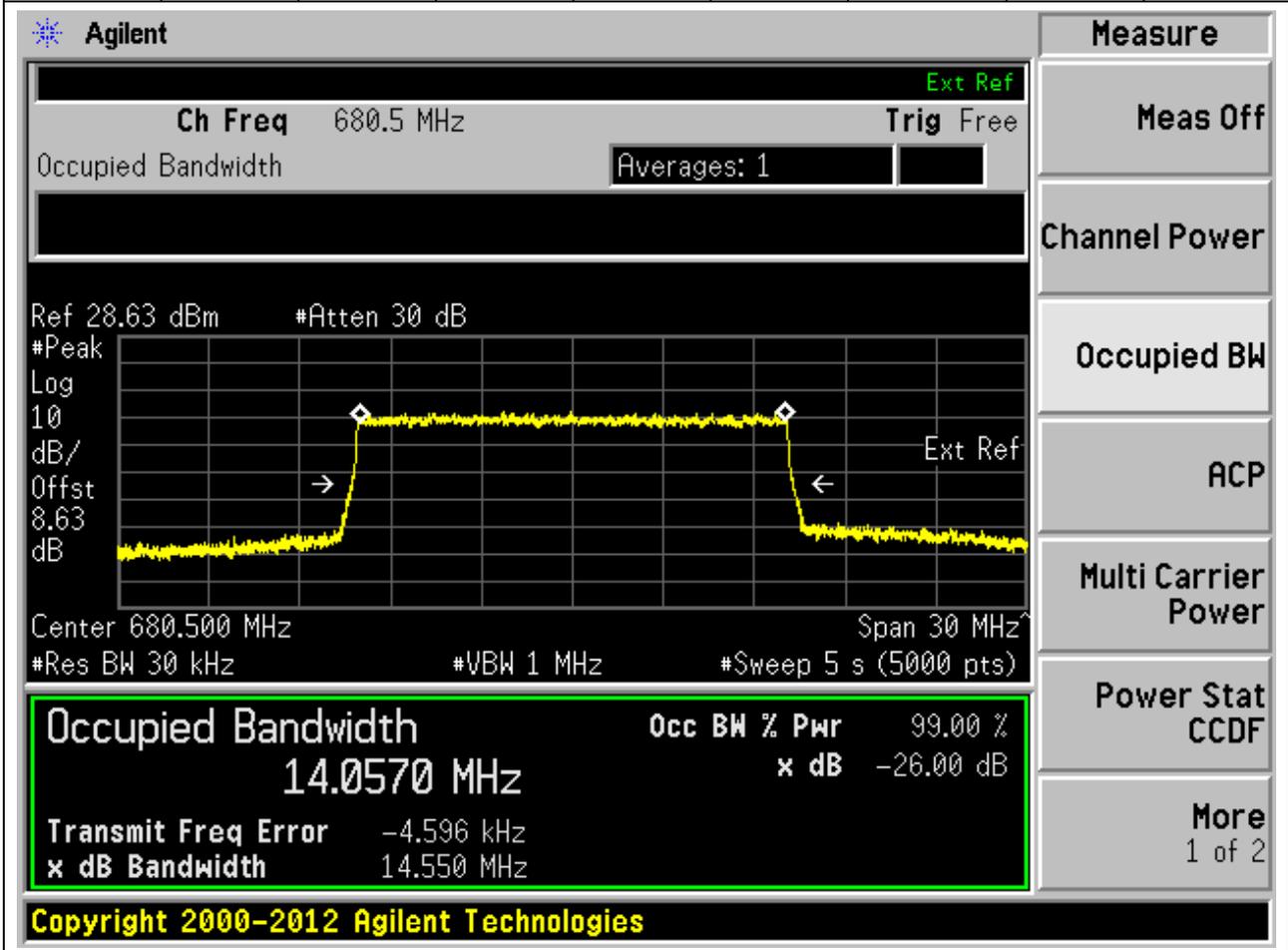
**1.34. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:134100, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 670.5                  | 99            | 26            | 0.03      | Peak     | 14.08     | 14.59               | 15                | Pass    |



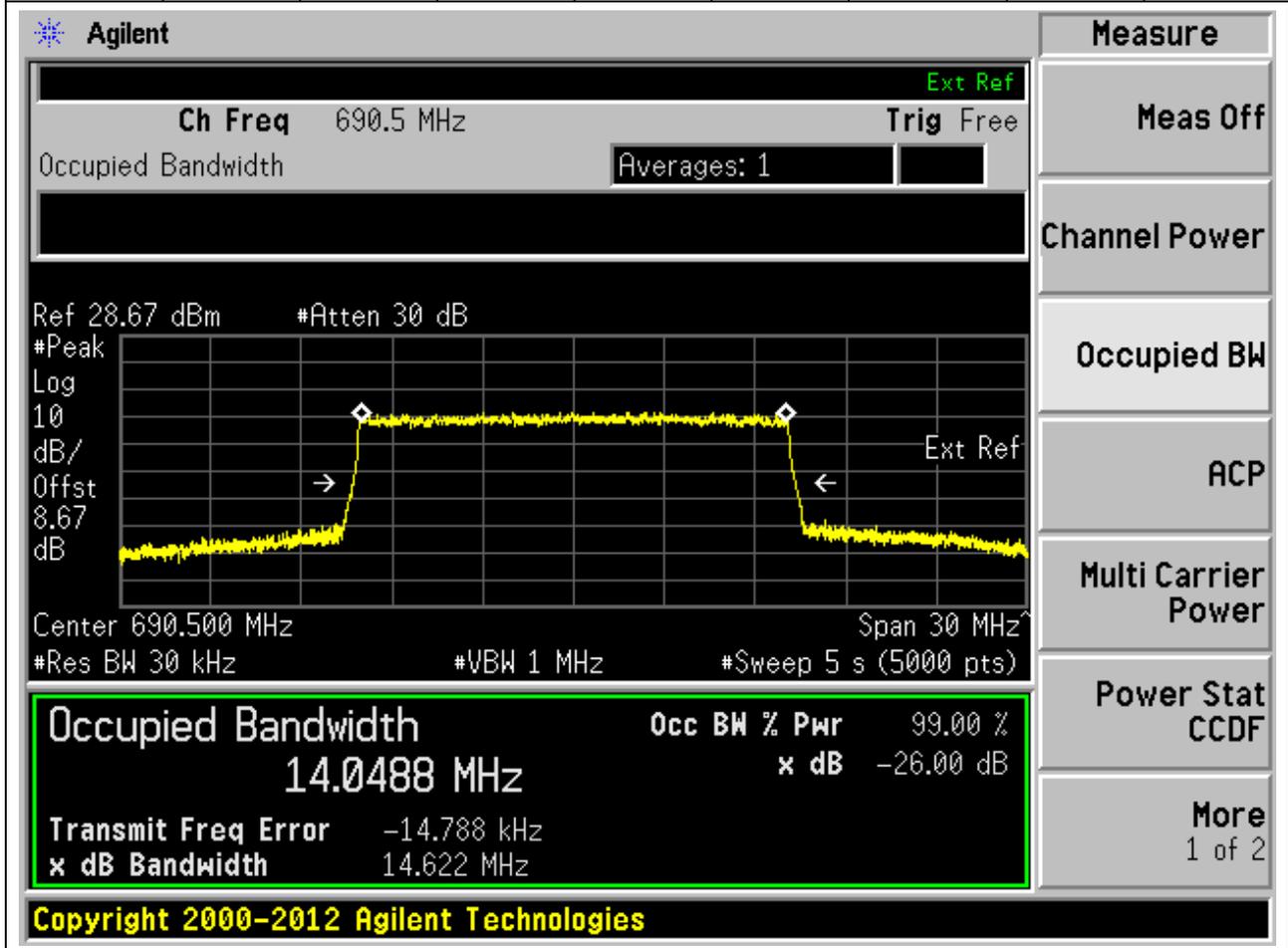
**1.35. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:136100, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 680.5                  | 99            | 26            | 0.03      | Peak     | 14.06     | 14.55               | 15                | Pass    |



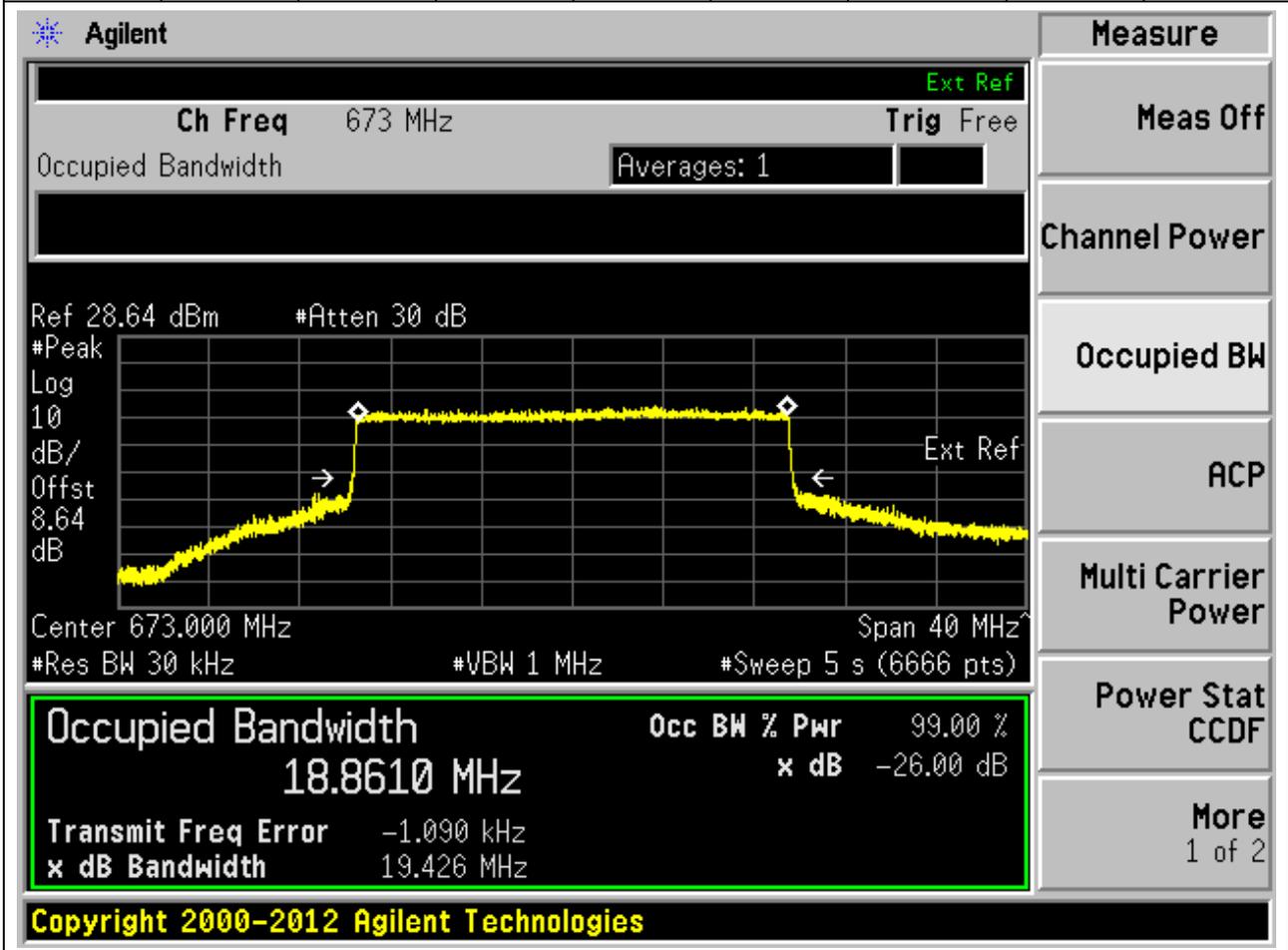
**1.36. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:138100, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 690.5                  | 99            | 26            | 0.03      | Peak     | 14.05     | 14.62               | 15                | Pass    |



**1.37. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:134600, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 673                    | 99            | 26            | 0.03      | Peak     | 18.86     | 19.43               | 20                | Pass    |



**1.38. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:136100, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 680.5                  | 99            | 26            | 0.03      | Peak     | 18.85     | 19.43               | 20                | Pass    |

Agilent
Measure

Ch Freq 680.5 MHz Trig Free

Occupied Bandwidth Averages: 1

Ref 28.63 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 8.63 dB

Center 680.500 MHz Span 40 MHz

#Res BW 30 kHz #VBW 1 MHz #Sweep 5 s (6666 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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

**18.8549 MHz** x dB -26.00 dB

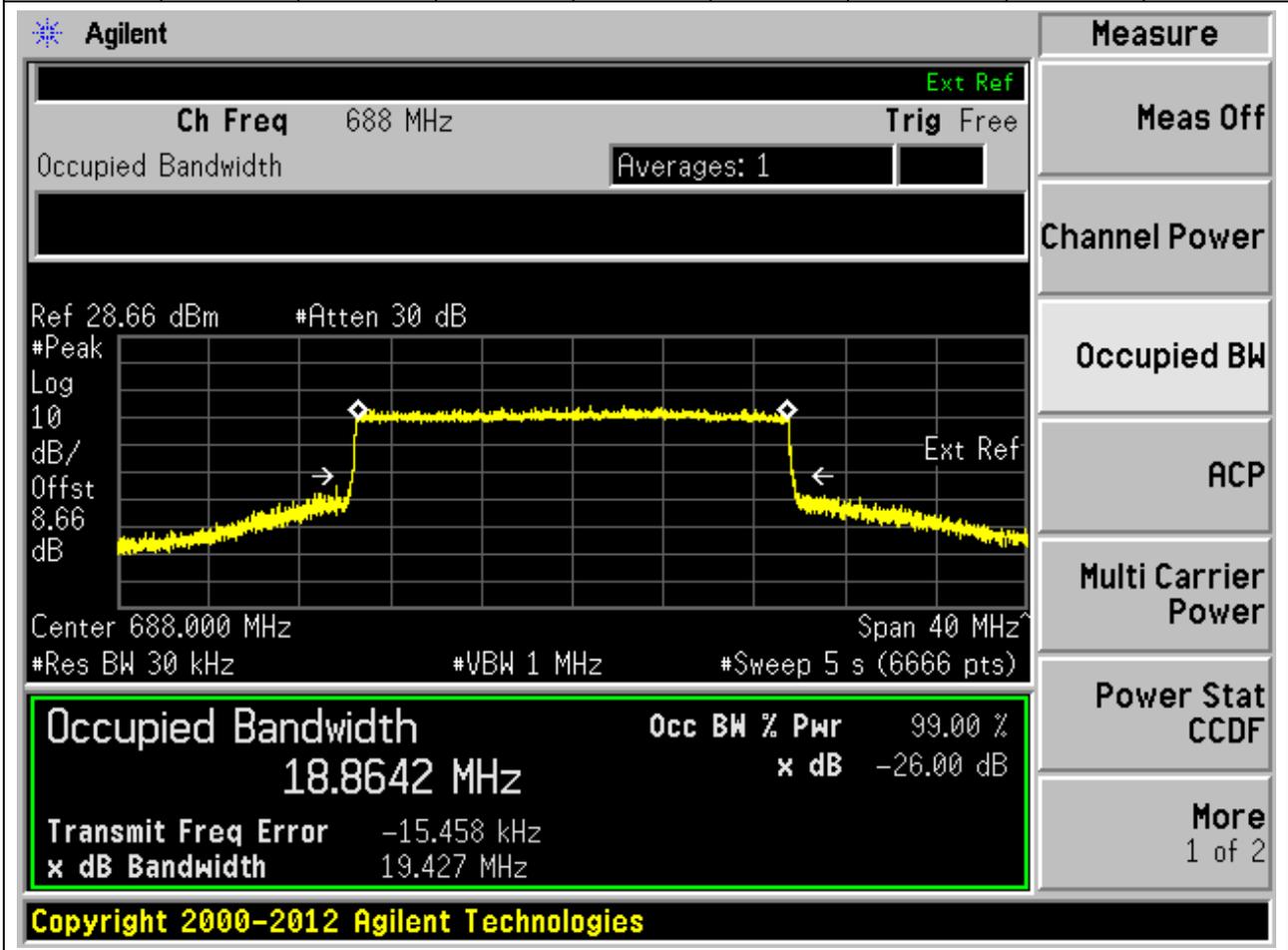
Transmit Freq Error 15.201 kHz

x dB Bandwidth 19.429 MHz

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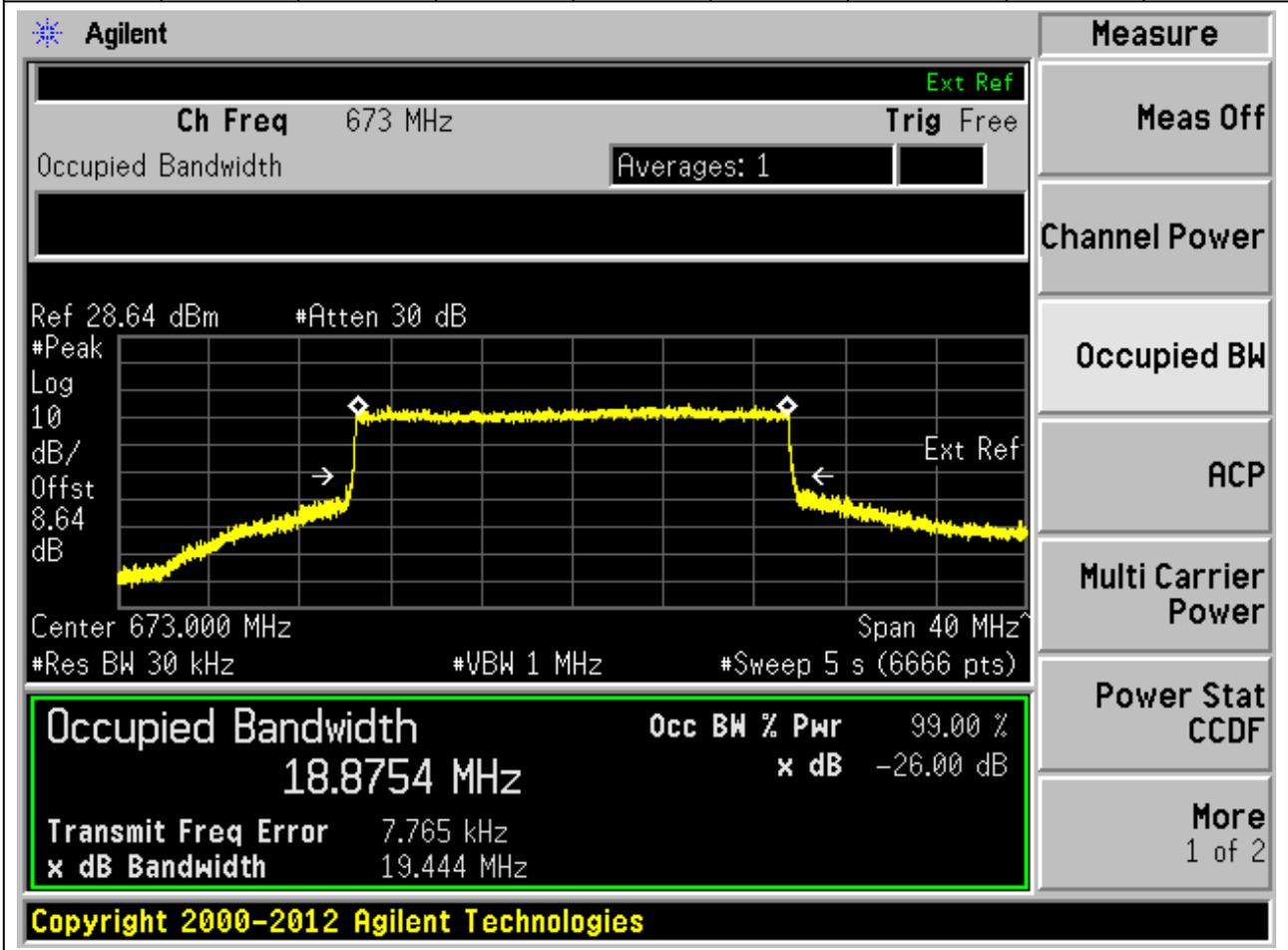
**1.39. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:137600, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 688                    | 99            | 26            | 0.03      | Peak     | 18.86     | 19.43               | 20                | Pass    |



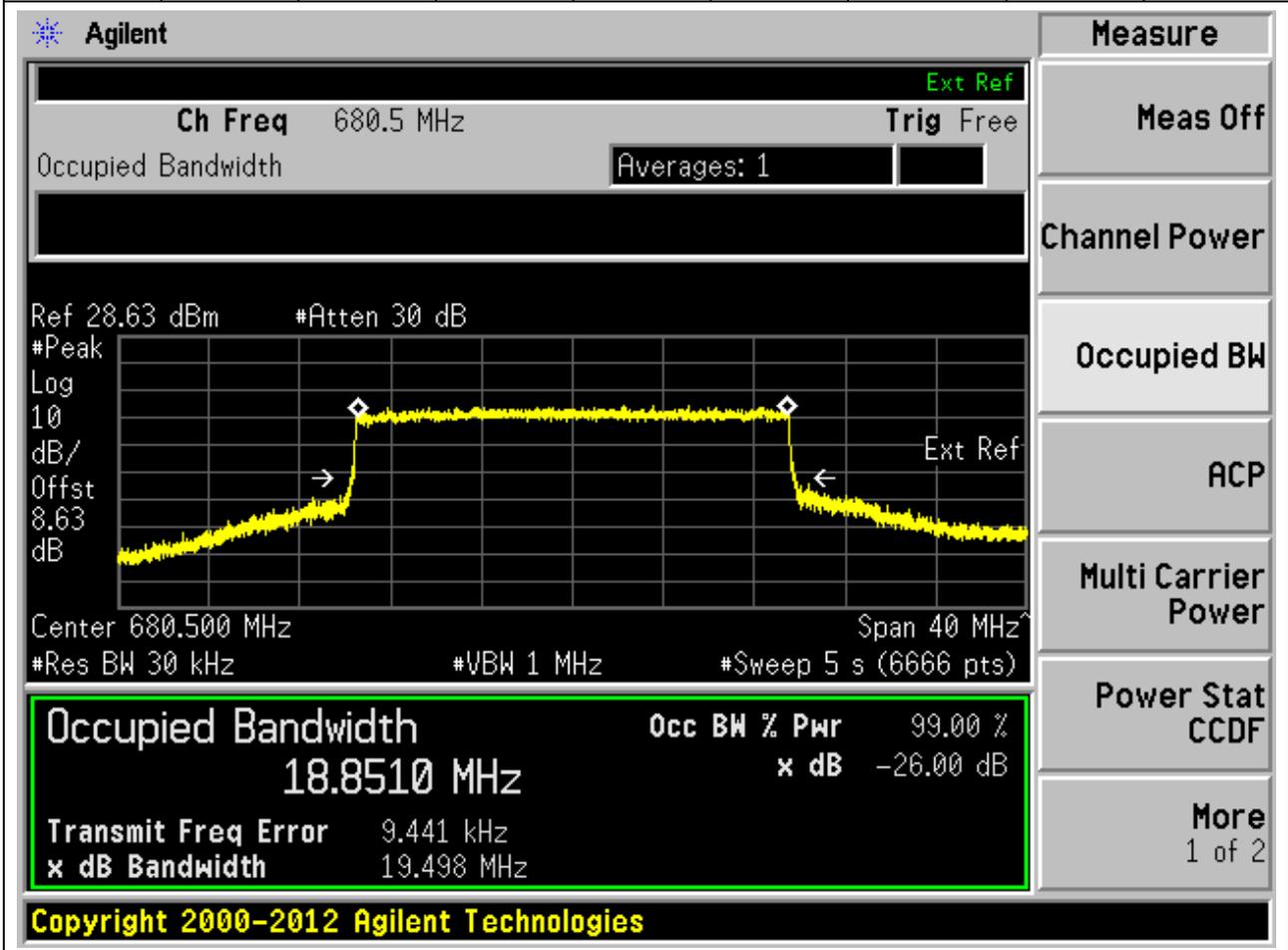
**1.40. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:134600, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 673                    | 99            | 26            | 0.03      | Peak     | 18.88     | 19.44               | 20                | Pass    |



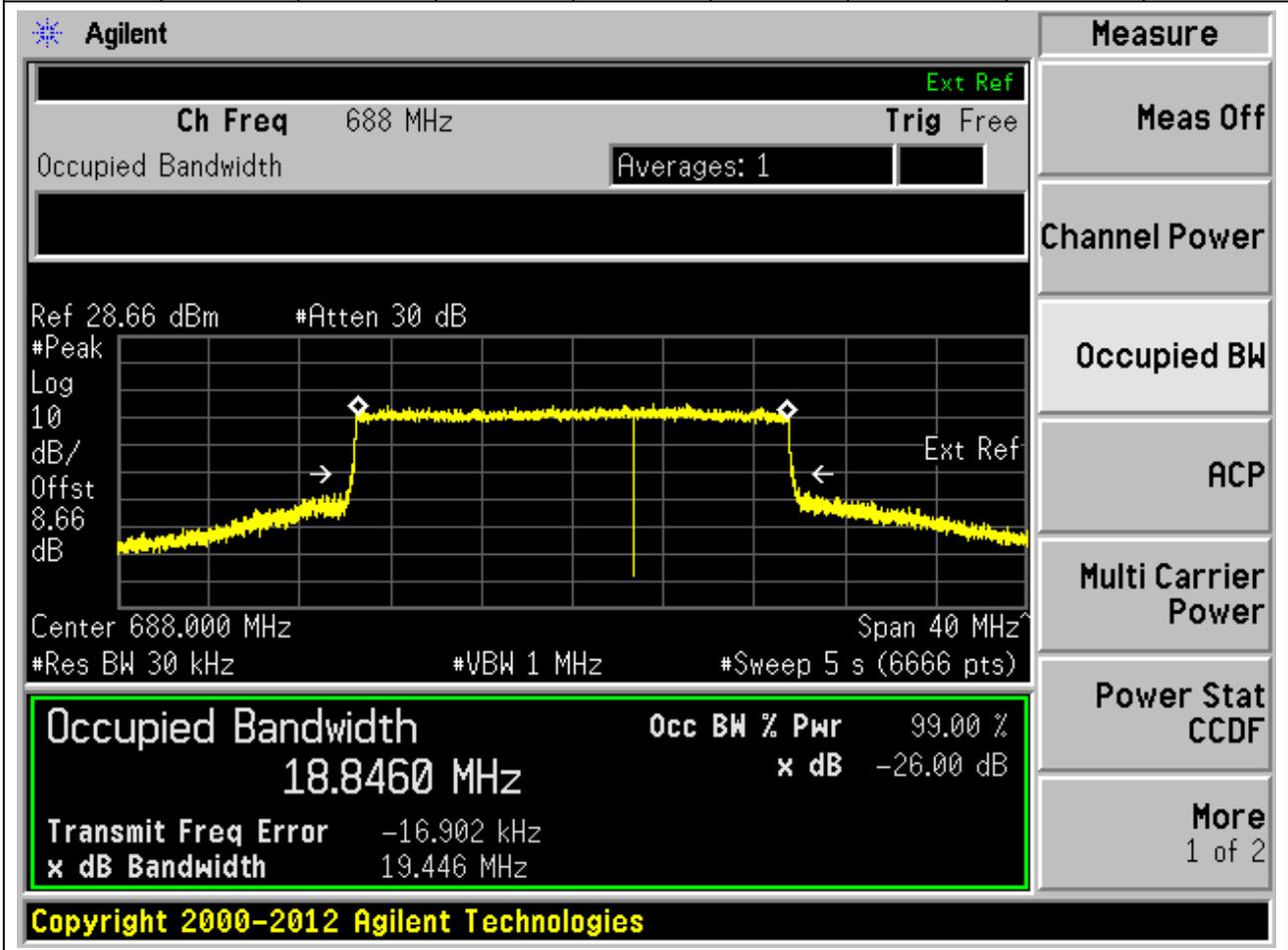
**1.41. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:136100, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 680.5                  | 99            | 26            | 0.03      | Peak     | 18.85     | 19.5                | 20                | Pass    |



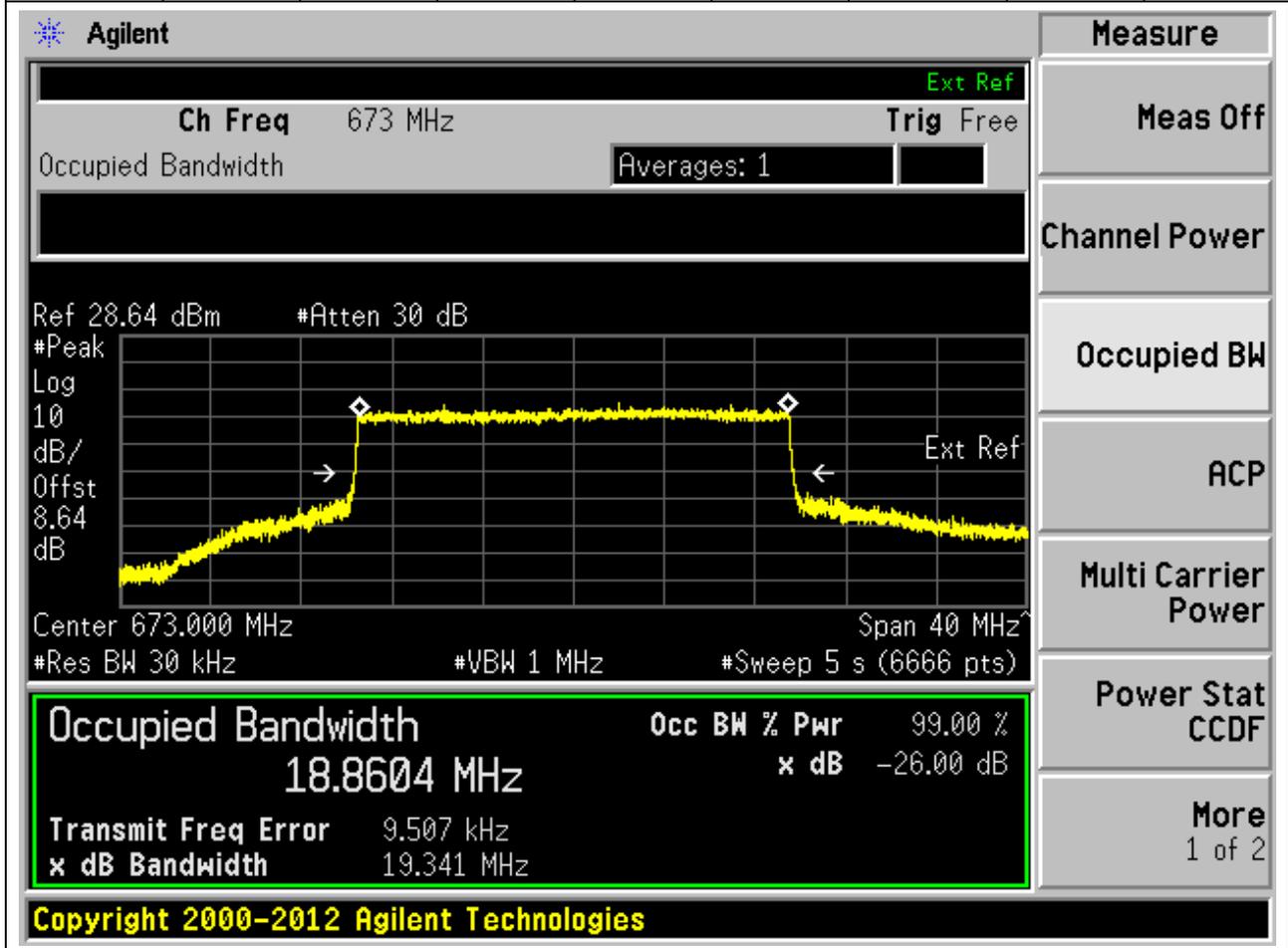
**1.42. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:137600, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 688                    | 99            | 26            | 0.03      | Peak     | 18.85     | 19.45               | 20                | Pass    |



**1.43. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:134600, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 673                    | 99            | 26            | 0.03      | Peak     | 18.86     | 19.34               | 20                | Pass    |



**1.44. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:136100, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 680.5                  | 99            | 26            | 0.03      | Peak     | 18.85     | 19.38               | 20                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 680.5 MHz. The main display shows a spectrum plot with a yellow trace. The plot parameters include a reference level of 28.63 dBm, 30 dB attenuation, a peak detector, and a logarithmic scale. The occupied bandwidth is measured as 18.8512 MHz, which is 99.00% of the 19.378 MHz bandwidth. The transmit frequency error is 18.300 kHz. The interface also shows various measurement buttons on the right side, such as 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen displays the copyright information: Copyright 2000-2012 Agilent Technologies.

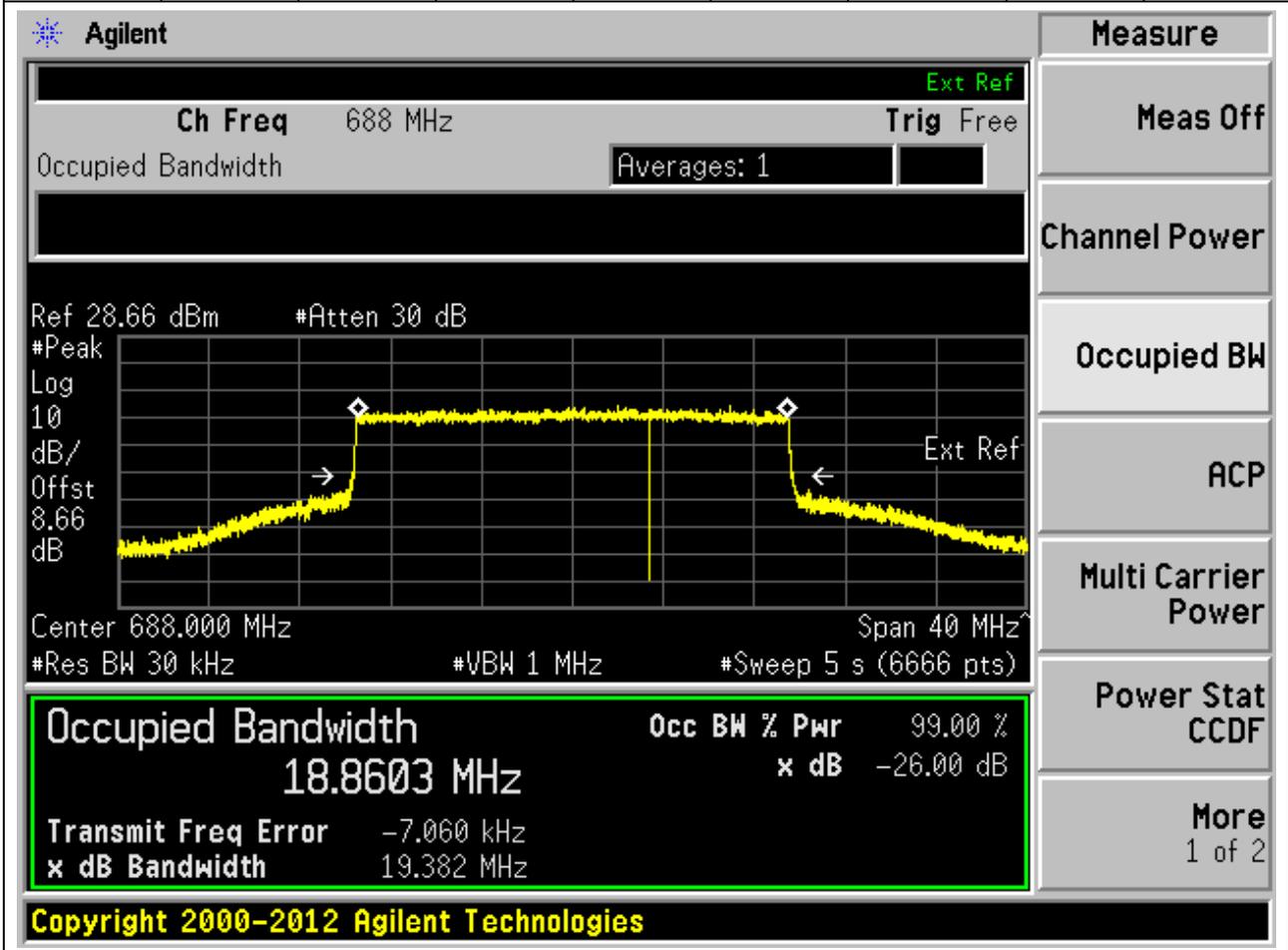
| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 18.8512 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: 18.300 kHz  
x dB Bandwidth: 19.378 MHz

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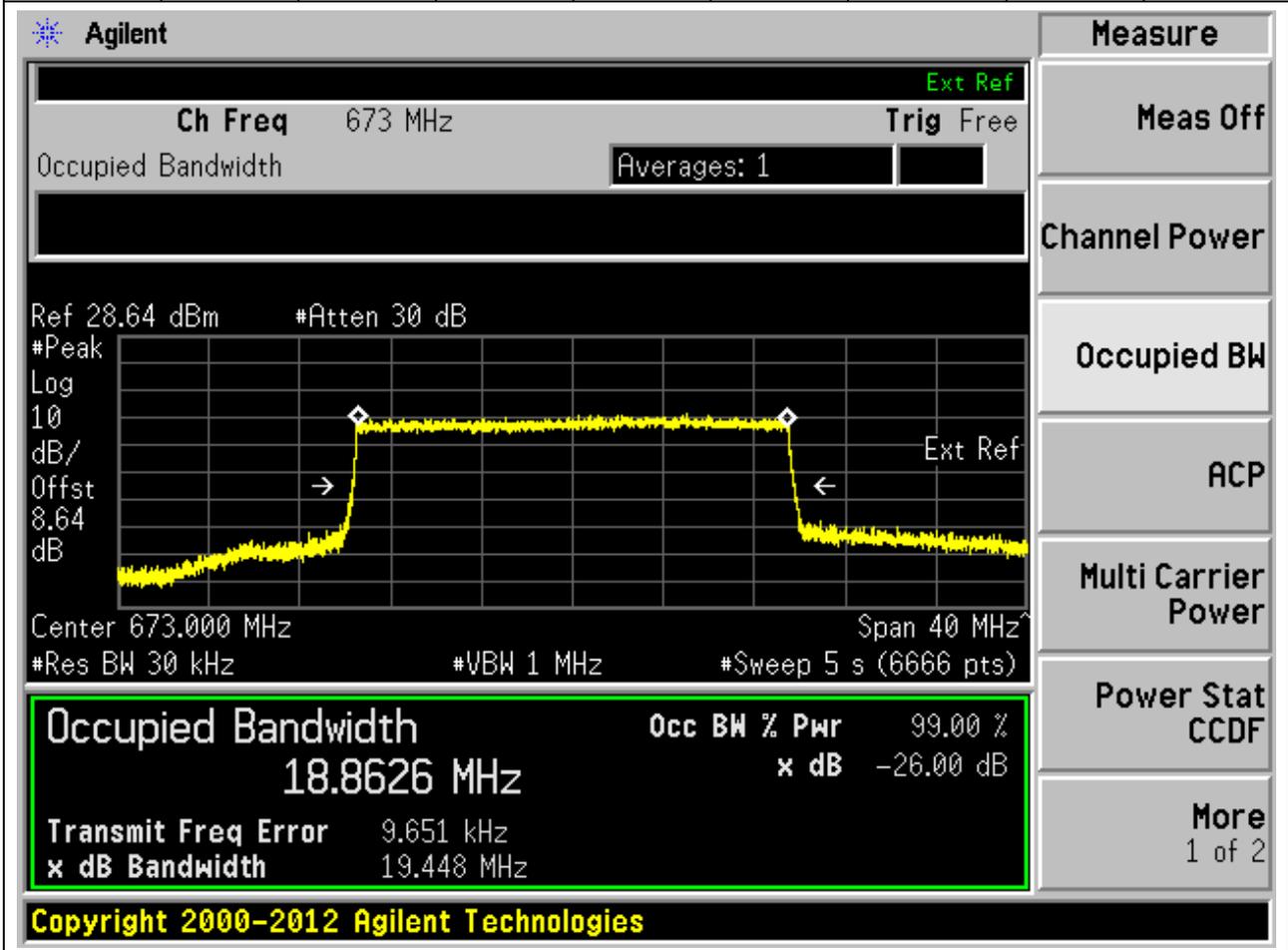
**1.45. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:137600, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 688                    | 99            | 26            | 0.03      | Peak     | 18.86     | 19.38               | 20                | Pass    |



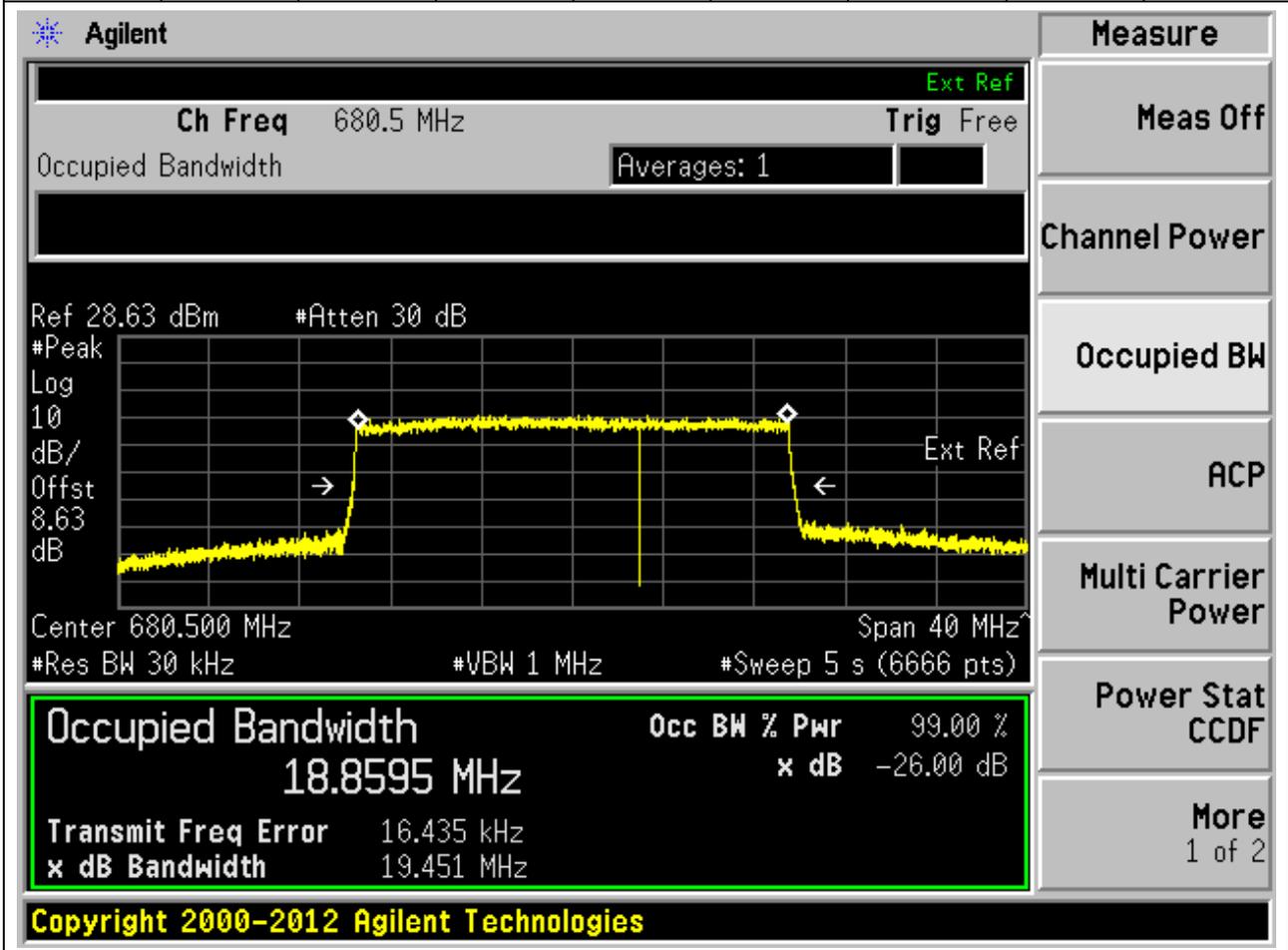
**1.46. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:134600, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 673                    | 99            | 26            | 0.03      | Peak     | 18.86     | 19.45               | 20                | Pass    |



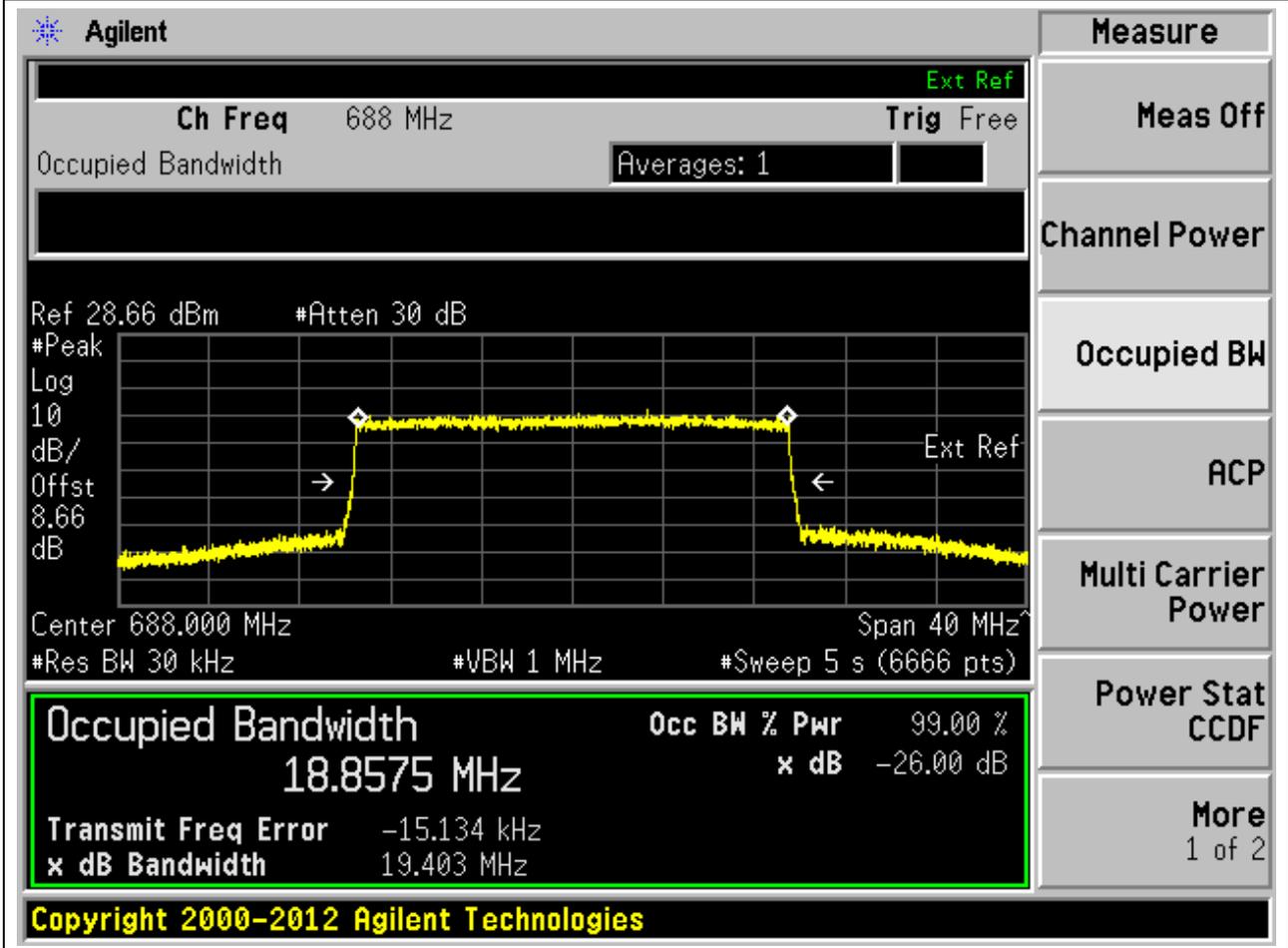
**1.47. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:136100, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 680.5                  | 99            | 26            | 0.03      | Peak     | 18.86     | 19.45               | 20                | Pass    |



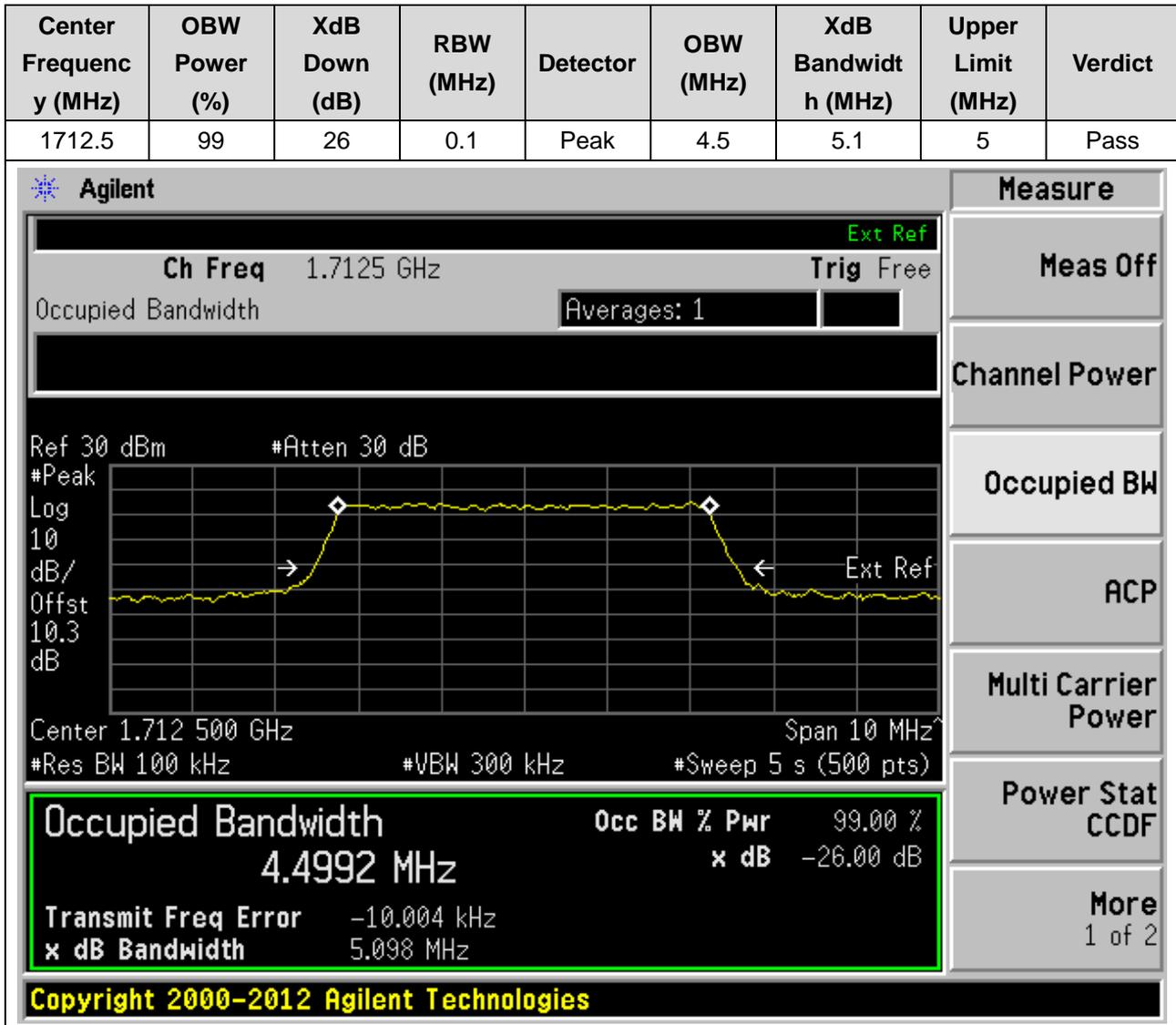
**1.48. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:137600, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 688                    | 99            | 26            | 0.03      | Peak     | 18.86     | 19.4                | 20                | Pass    |



## 2. n66

2.1. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:342500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)



**2.2. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:349000, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745                   | 99            | 26            | 0.1       | Peak     | 4.5       | 5.09                | 5                 | Pass    |

Agilent

Measure

Ch Freq 1.745 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Center 1.745 000 GHz
Span 10 MHz

#Res BW 100 kHz
#VBW 300 kHz
#Sweep 5 s (500 pts)

|  |                             |
|--|-----------------------------|
| <b>Occupied Bandwidth</b>              | <b>Occ BW % Pwr</b> 99.00 % |
| 4.5045 MHz                             | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> -12.691 kHz |                             |
| <b>x dB Bandwidth</b> 5.093 MHz        |                             |

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More

1 of 2

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**2.3. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:355500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1777.5                 | 99            | 26            | 0.1       | Peak     | 4.5       | 5.09                | 5                 | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 1.7775 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak  
 Log  
 10  
 dB/  
 Offst  
 10.6  
 dB

Center 1.777 500 GHz
Span 10 MHz

#Res BW 100 kHz
#VBW 300 kHz
#Sweep 5 s (500 pts)

|                            |                             |
|----------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> 99.00 % |
| 4.5024 MHz                 | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> | -13.716 kHz                 |
| <b>x dB Bandwidth</b>      | 5.093 MHz                   |

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**2.4. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:342500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1712.5                 | 99            | 26            | 0.1       | Peak     | 4.49      | 5.03                | 5                 | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More 1 of 2

Ch Freq 1.7125 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 1.712 500 GHz Span 10 MHz  
 #Res BW 100 kHz #VBW 300 kHz #Sweep 5 s (500 pts)

|                                       |                             |
|---------------------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>             | <b>Occ BW % Pwr</b> 99.00 % |
| 4.4936 MHz                            | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> -5.959 kHz |                             |
| <b>x dB Bandwidth</b> 5.026 MHz       |                             |

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**2.5. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:349000, Bandwidth:5, SCS:15, OFDM:CP-OFDM, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745                   | 99            | 26            | 0.1       | Peak     | 4.5       | 5.02                | 5                 | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 1.745 GHz, and the span is 10 MHz. The occupied bandwidth is measured as 4.4968 MHz. The power is 99.00% and the XdB down is -26.00 dB. The transmit frequency error is -6.223 kHz and the XdB bandwidth is 5.019 MHz. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 4.4968 MHz         | 99.00 %      | -26.00 dB |

Transmit Freq Error: -6.223 kHz  
 x dB Bandwidth: 5.019 MHz

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**2.6. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:355500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1777.5                 | 99            | 26            | 0.1       | Peak     | 4.49      | 5                   | 5                 | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 1.7775 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 1.777 500 GHz Span 10 MHz  
 #Res BW 100 kHz #VBW 300 kHz #Sweep 5 s (500 pts)

|                            |                             |
|----------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> 99.00 % |
| 4.4911 MHz                 | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> | -6.499 kHz                  |
| <b>x dB Bandwidth</b>      | 4.995 MHz                   |

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**2.7. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:342500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1712.5                 | 99            | 26            | 0.1       | Peak     | 4.49      | 5.03                | 5                 | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 1.7125 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 1.712 500 GHz Span 10 MHz

#Res BW 100 kHz #VBW 300 kHz #Sweep 5 s (500 pts)

|                            |                             |
|----------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> 99.00 % |
| 4.4890 MHz                 | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> | -12.671 kHz                 |
| <b>x dB Bandwidth</b>      | 5.027 MHz                   |

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**2.8. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:349000, Bandwidth:5, SCS:15, OFDM:CP-OFDM, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745                   | 99            | 26            | 0.1       | Peak     | 4.49      | 5.05                | 5                 | Pass    |

Agilent

**Measure**  
Meas Off  
Channel Power  
**Occupied BW**  
ACP  
Multi Carrier Power  
Power Stat CCDF  
More  
1 of 2

Ch Freq 1.745 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 1.745 000 GHz Span 10 MHz  
#Res BW 100 kHz #VBW 300 kHz #Sweep 5 s (500 pts)

|  |                             |
|--|-----------------------------|
| <b>Occupied Bandwidth</b>              | <b>Occ BW % Pwr</b> 99.00 % |
| 4.4945 MHz                             | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> -13.915 kHz |                             |
| <b>x dB Bandwidth</b> 5.051 MHz        |                             |

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**2.9. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:355500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1777.5                 | 99            | 26            | 0.1       | Peak     | 4.49      | 5.04                | 5                 | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 1.7775 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak

Log 10 dB/Offst 10.6 dB
Ext Ref

Center 1.777 500 GHz
Span 10 MHz

#Res BW 100 kHz
#VBW 300 kHz
#Sweep 5 s (500 pts)

|  |                             |
|--|-----------------------------|
| <b>Occupied Bandwidth</b>              | <b>Occ BW % Pwr</b> 99.00 % |
| 4.4919 MHz                             | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> -14.119 kHz |                             |
| <b>x dB Bandwidth</b> 5.042 MHz        |                             |

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**2.10. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:342500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1712.5                 | 99            | 26            | 0.1       | Peak     | 4.51      | 5.04                | 5                 | Pass    |

Agilent

**Measure**  
Meas Off  
Channel Power  
**Occupied BW**  
ACP  
Multi Carrier Power  
Power Stat CCDF  
More  
1 of 2

Ch Freq 1.7125 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.3 dB

Center 1.712 500 GHz Span 10 MHz

#Res BW 100 kHz #VBW 300 kHz #Sweep 5 s (500 pts)

|  |                             |
|--|-----------------------------|
| <b>Occupied Bandwidth</b>              | <b>Occ BW % Pwr</b> 99.00 % |
| 4.5054 MHz                             | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> -22.073 kHz |                             |
| <b>x dB Bandwidth</b> 5.040 MHz        |                             |

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**2.11. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:349000, Bandwidth:5, SCS:15, OFDM:CP-OFDM, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745                   | 99            | 26            | 0.1       | Peak     | 4.51      | 5.05                | 5                 | Pass    |

Agilent

Ext Ref

**Ch Freq** 1.745 GHz Trig Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak

Log

10 dB/

Offst 10.4 dB

Center 1.745 000 GHz Span 10 MHz

#Res BW 100 kHz #VBW 300 kHz #Sweep 5 s (500 pts)

Meas Off

---

Channel Power

---

Occupied BW

---

ACP

---

Multi Carrier Power

---

Power Stat CCDF

---

More  
1 of 2

|                            |                             |
|----------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> 99.00 % |
| 4.5059 MHz                 | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> | -21.658 kHz                 |
| <b>x dB Bandwidth</b>      | 5.046 MHz                   |

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**2.12. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:355500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1777.5                 | 99            | 26            | 0.1       | Peak     | 4.5       | 5.04                | 5                 | Pass    |

Agilent

Ext Ref

**Ch Freq** 1.7775 GHz Trig Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.6 dB

Center 1.777 500 GHz Span 10 MHz

#Res BW 100 kHz #VBW 300 kHz #Sweep 5 s (500 pts)

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

4.5049 MHz x dB -26.00 dB

Transmit Freq Error -23.204 kHz

x dB Bandwidth 5.044 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**2.13. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:343000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1715                   | 99            | 26            | 0.03      | Peak     | 9.27      | 9.76                | 10                | Pass    |

Agilent

Ext Ref

**Ch Freq** 1.715 GHz Trig Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

10.3

dB

Center 1.715 000 GHz Span 20 MHz

#Res BW 30 kHz #VBW 1 MHz #Sweep 5 s (3333 pts)

|  |                             |
|--|-----------------------------|
| <b>Occupied Bandwidth</b>              | <b>Occ BW % Pwr</b> 99.00 % |
| 9.2675 MHz                             | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> -12.011 kHz |                             |
| <b>x dB Bandwidth</b> 9.757 MHz        |                             |

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

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**2.14. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:349000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745                   | 99            | 26            | 0.03      | Peak     | 9.26      | 9.77                | 10                | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 1.745 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak

Center 1.745 000 GHz
Span 20 MHz

#Res BW 30 kHz
#VBW 1 MHz
#Sweep 5 s (3333 pts)

|                            |                             |
|----------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> 99.00 % |
| 9.2634 MHz                 | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> | -7.990 kHz                  |
| <b>x dB Bandwidth</b>      | 9.766 MHz                   |

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**2.15. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:355000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1775                   | 99            | 26            | 0.03      | Peak     | 9.27      | 9.72                | 10                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 1.775 GHz, and the span is 20 MHz. The occupied bandwidth is measured as 9.2673 MHz. The power is 99.00% and the XdB down is -26.00 dB. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 9.2673 MHz         | 99.00 %      | -26.00 dB |

Transmit Freq Error: -9.557 kHz  
x dB Bandwidth: 9.721 MHz

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**2.16. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:343000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1715                   | 99            | 26            | 0.03      | Peak     | 9.28      | 9.71                | 10                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The measurement results are as follows:

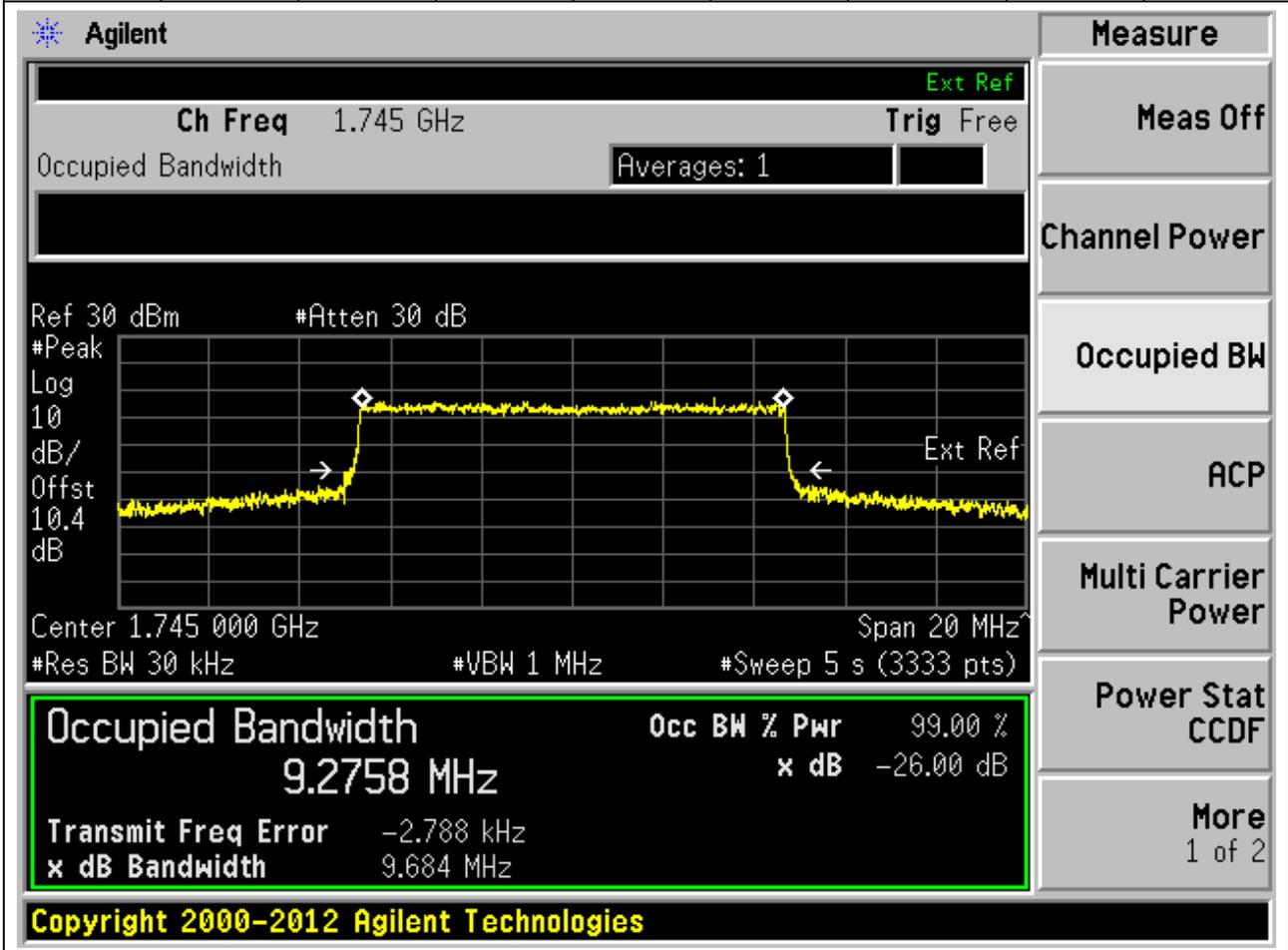
| Measurement         | Value      |
|---------------------|------------|
| Occupied Bandwidth  | 9.2758 MHz |
| Occ BW % Pwr        | 99.00 %    |
| x dB                | -26.00 dB  |
| Transmit Freq Error | -5.069 kHz |
| x dB Bandwidth      | 9.713 MHz  |

Other visible parameters include: Ch Freq 1.715 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 10.3 dB, Center 1.715 000 GHz, Span 20 MHz, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 5 s (3333 pts).

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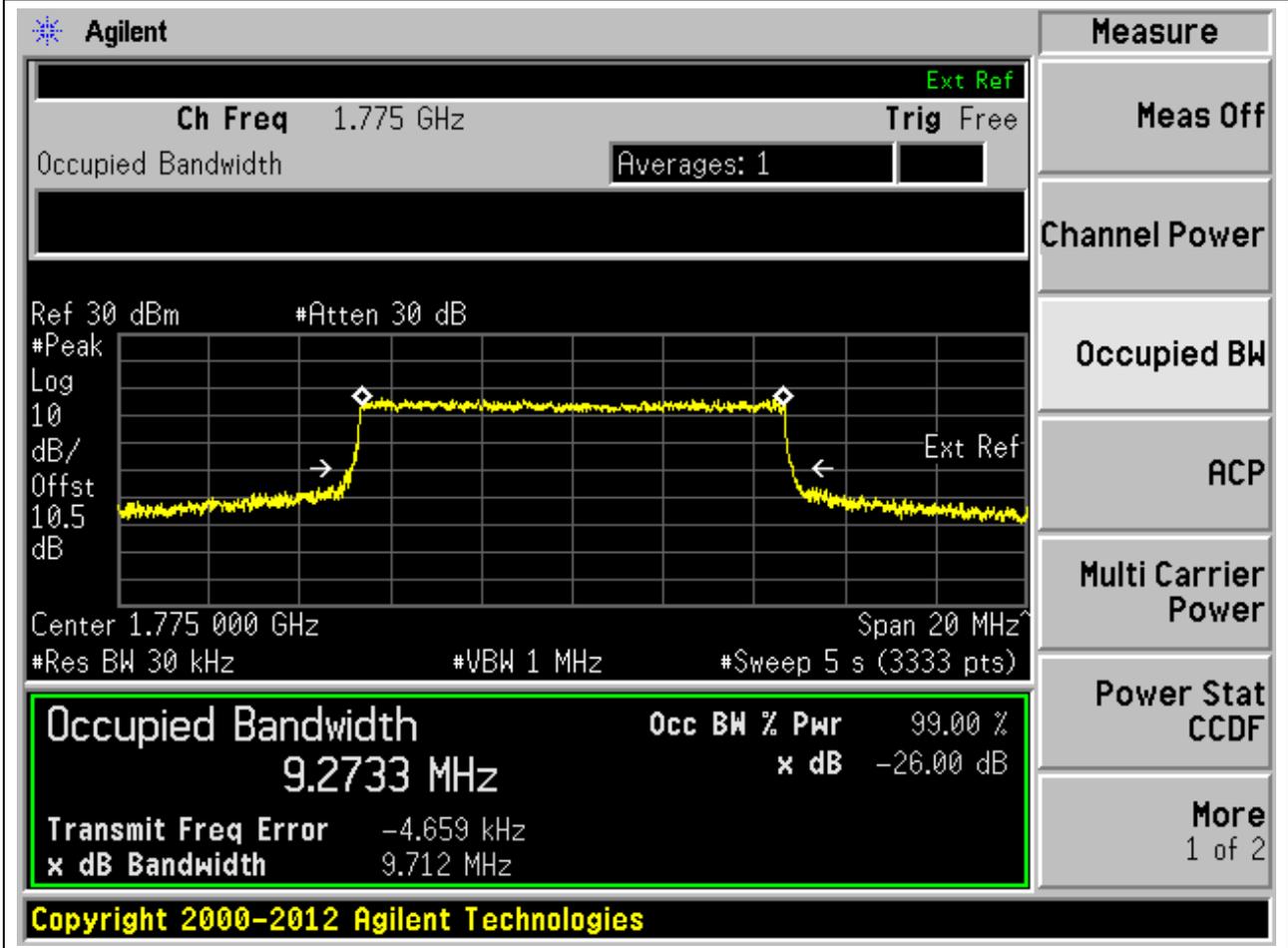
**2.17. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:349000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745                   | 99            | 26            | 0.03      | Peak     | 9.28      | 9.68                | 10                | Pass    |



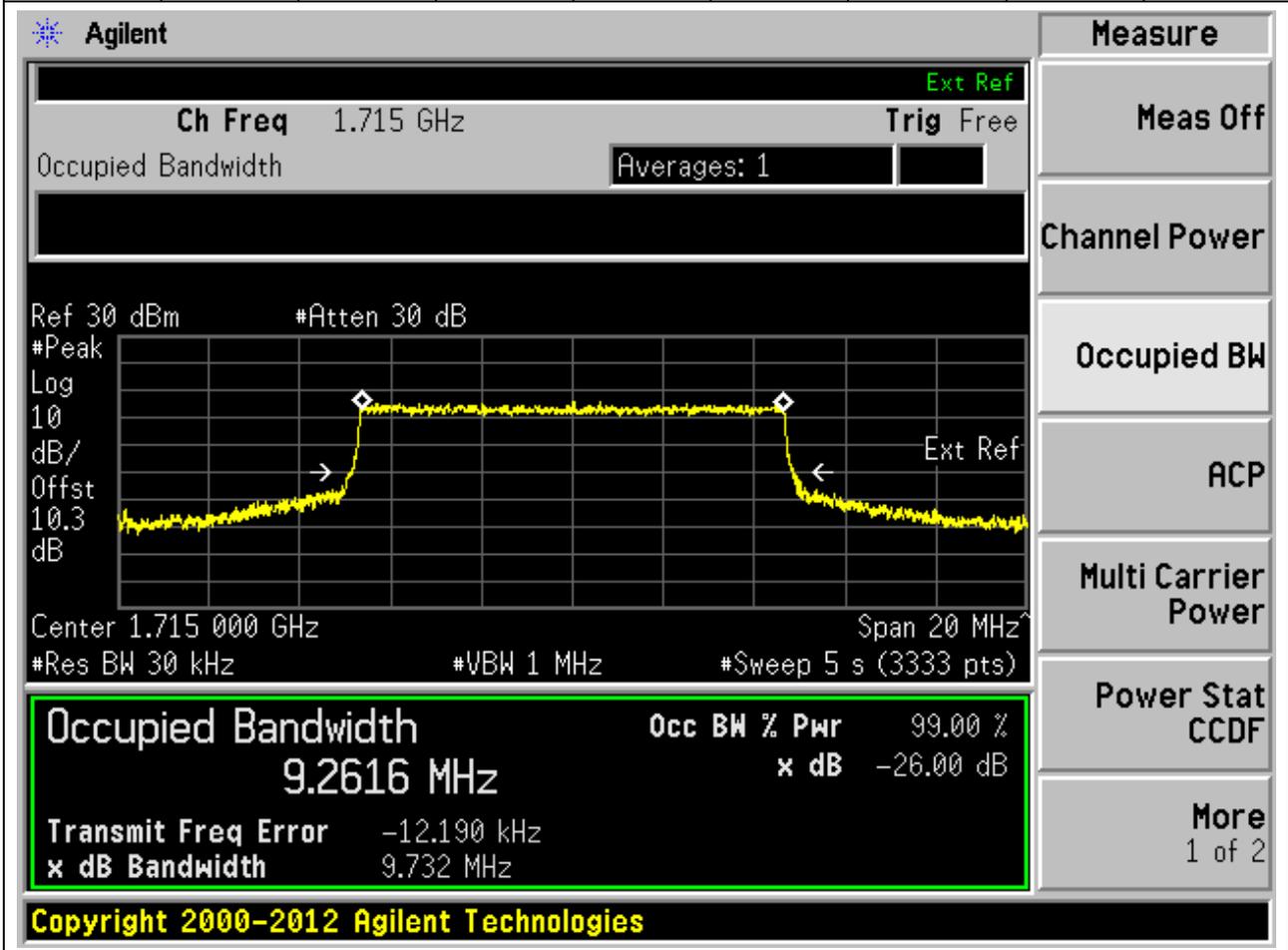
**2.18. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:355000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1775                   | 99            | 26            | 0.03      | Peak     | 9.27      | 9.71                | 10                | Pass    |



**2.19. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:343000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1715                   | 99            | 26            | 0.03      | Peak     | 9.26      | 9.73                | 10                | Pass    |



**2.20. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:349000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745                   | 99            | 26            | 0.03      | Peak     | 9.28      | 9.76                | 10                | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 1.745 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak

Center 1.745 000 GHz
Span 20 MHz

#Res BW 30 kHz
#VBW 1 MHz
#Sweep 5 s (3333 pts)

|                            |                             |
|----------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> 99.00 % |
| 9.2776 MHz                 | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> | -7.455 kHz                  |
| <b>x dB Bandwidth</b>      | 9.762 MHz                   |

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**2.21. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:355000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1775                   | 99            | 26            | 0.03      | Peak     | 9.26      | 9.78                | 10                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The measurement results are as follows:

| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 9.2611 MHz  |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | -16.316 kHz |
| x dB Bandwidth      | 9.779 MHz   |

Other visible parameters include: Ch Freq 1.775 GHz, Res BW 30 kHz, VBW 1 MHz, Sweep 5 s (3333 pts), and Span 20 MHz. The interface also shows various measurement buttons on the right side, such as 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'.

**2.22. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:343000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1715                   | 99            | 26            | 0.03      | Peak     | 9.27      | 9.72                | 10                | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 1.715 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
10

dB/
Offst

10.3
dB

Center 1.715 000 GHz
Span 20 MHz

#Res BW 30 kHz
#VBW 1 MHz
#Sweep 5 s (3333 pts)

**Occupied Bandwidth**  
9.2704 MHz

**Occ BW % Pwr** 99.00 %  
**x dB** -26.00 dB

**Transmit Freq Error** -10.989 kHz  
**x dB Bandwidth** 9.718 MHz

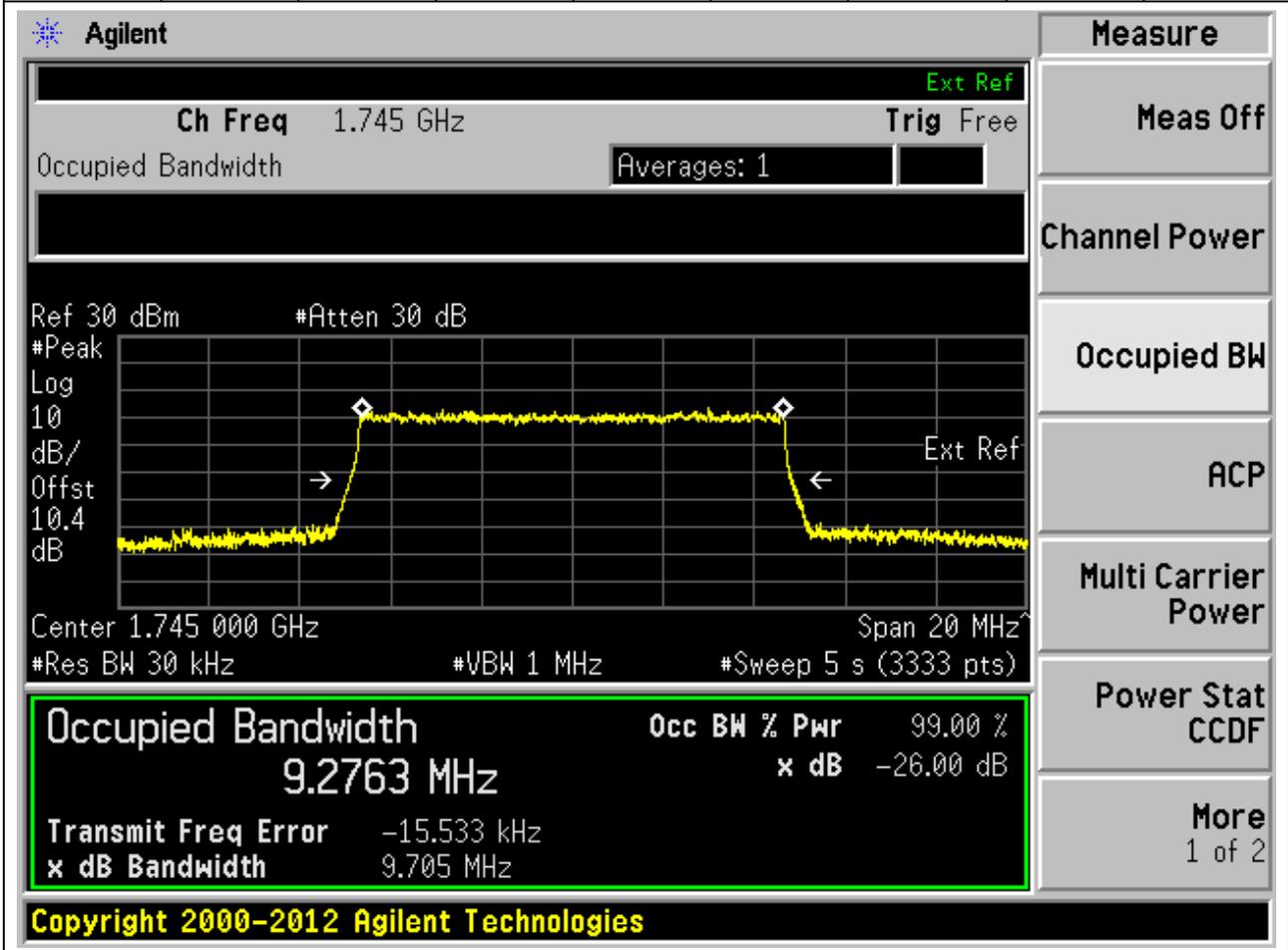
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Document No: BL-SZ2550149

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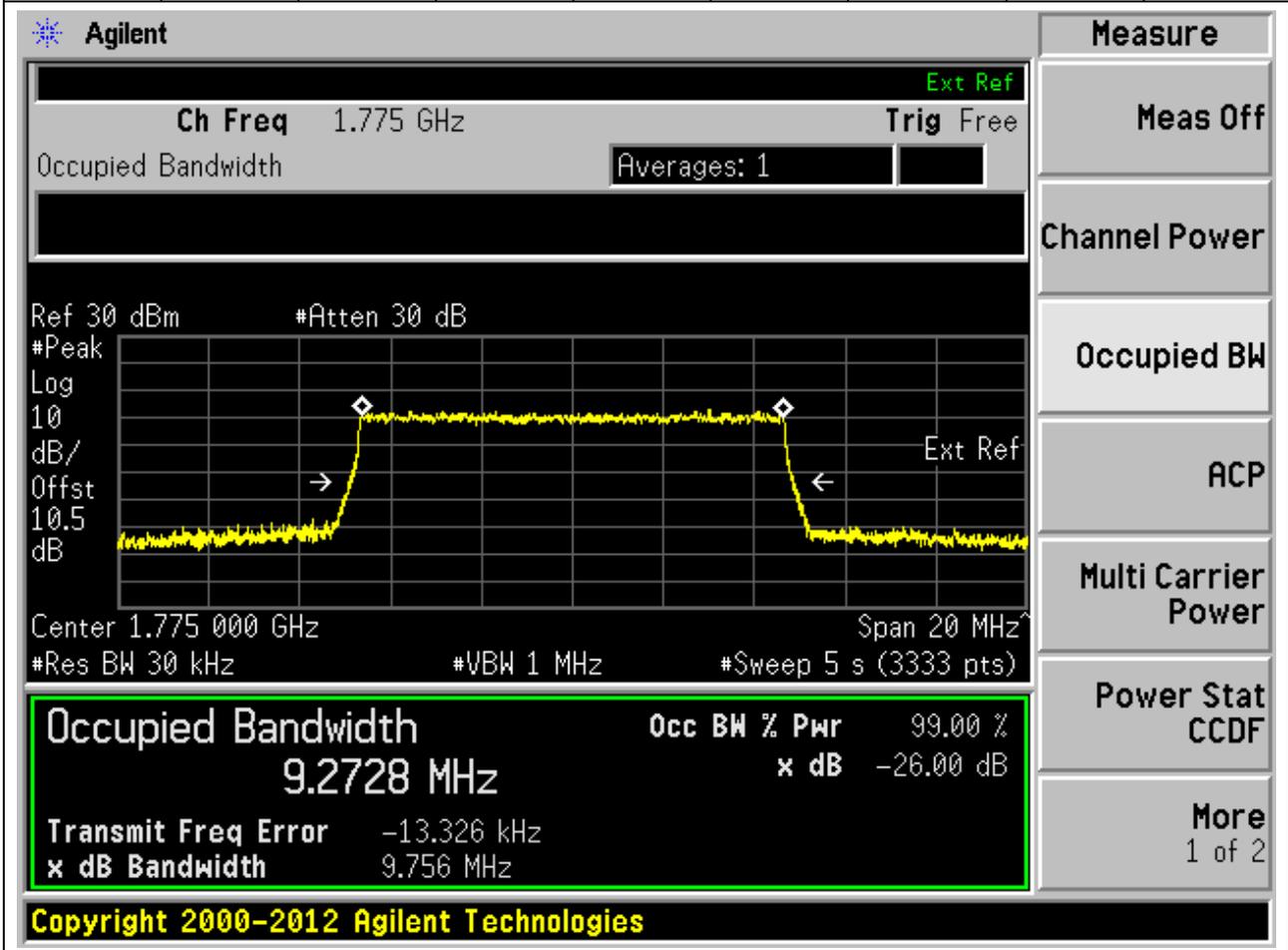
**2.23. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:349000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745                   | 99            | 26            | 0.03      | Peak     | 9.28      | 9.71                | 10                | Pass    |



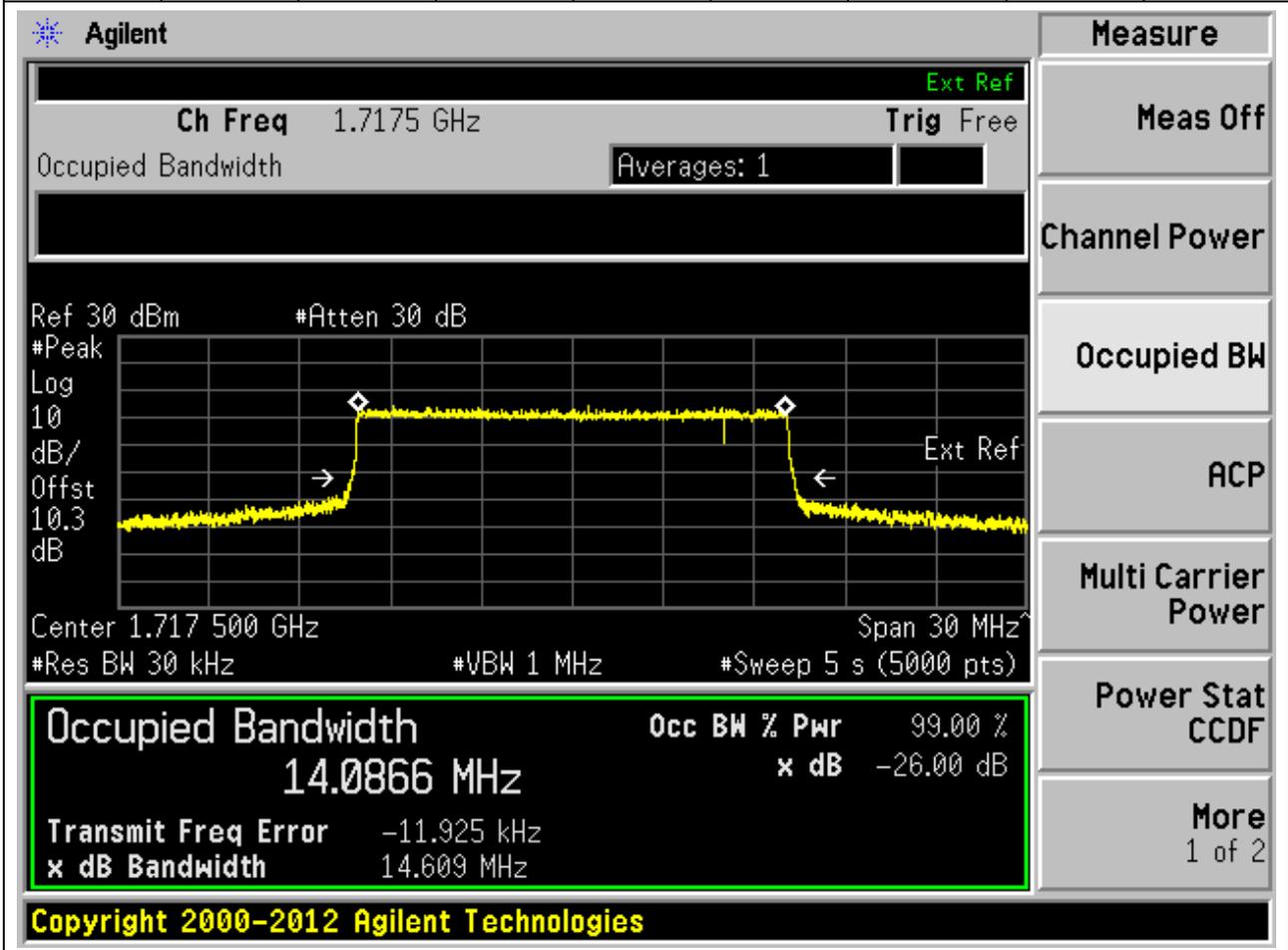
**2.24. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:355000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:52, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1775                   | 99            | 26            | 0.03      | Peak     | 9.27      | 9.76                | 10                | Pass    |



**2.25. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:343500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, 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            | 0.03      | Peak     | 14.09     | 14.61               | 15                | Pass    |



**2.26. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:349000, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745                   | 99            | 26            | 0.03      | Peak     | 14.08     | 14.61               | 15                | Pass    |

Agilent
Measure

Ch Freq 1.745 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.4 dB

Center 1.745 000 GHz Span 30 MHz

#Res BW 30 kHz #VBW 1 MHz #Sweep 5 s (5000 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**Occupied Bandwidth**

**14.0756 MHz**

Transmit Freq Error -11.113 kHz

x dB Bandwidth 14.611 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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**2.27. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:354500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1772.5                 | 99            | 26            | 0.03      | Peak     | 14.08     | 14.58               | 15                | Pass    |

Agilent
Measure

Ch Freq 1.7725 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 1.772 500 GHz Span 30 MHz

#Res BW 30 kHz #VBW 1 MHz #Sweep 5 s (5000 pts)

|                                       |                             |
|---------------------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>             | <b>Occ BW % Pwr</b> 99.00 % |
| 14.0756 MHz                           | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> -9.717 kHz |                             |
| <b>x dB Bandwidth</b> 14.577 MHz      |                             |

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More 1 of 2

**2.28. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:343500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:79, 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            | 0.03      | Peak     | 14.08     | 14.59               | 15                | Pass    |

Agilent

Measure

Ch Freq 1.7175 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
10

dB/
Offst

10.3
dB

Center 1.717 500 GHz
Span 30 MHz

#Res BW 30 kHz
#VBW 1 MHz
#Sweep 5 s (5000 pts)

**Occupied Bandwidth**

**14.0790 MHz**

Transmit Freq Error -17.897 kHz

x dB Bandwidth 14.592 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

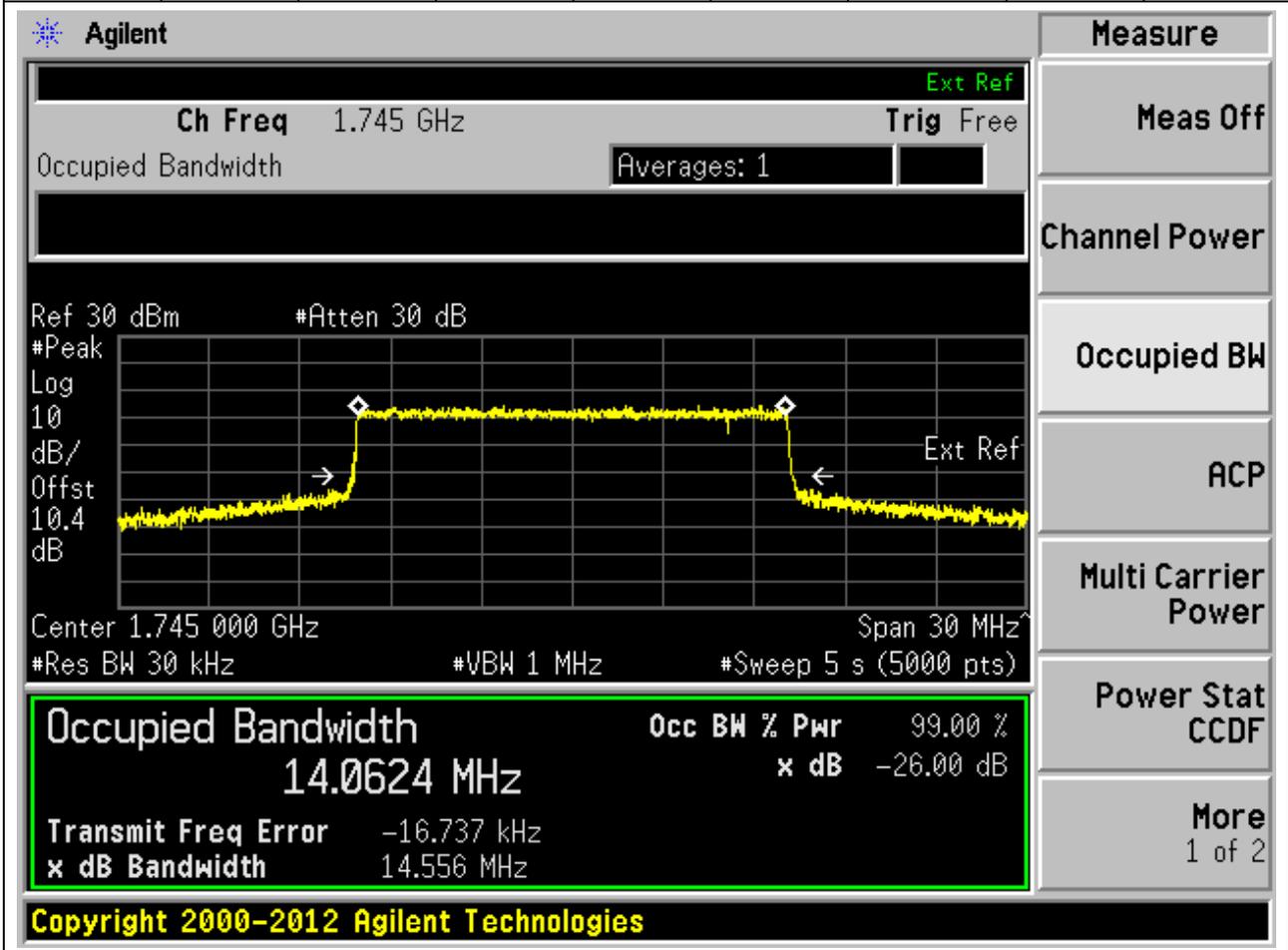
Power Stat CCDF

More 1 of 2

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**2.29. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:349000, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745                   | 99            | 26            | 0.03      | Peak     | 14.06     | 14.56               | 15                | Pass    |



**2.30. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:354500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1772.5                 | 99            | 26            | 0.03      | Peak     | 14.06     | 14.53               | 15                | Pass    |

Agilent

Measure

Ch Freq 1.7725 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
10

dB/
Offst

10.5
dB

Center 1.772 500 GHz
Span 30 MHz

#Res BW 30 kHz
#VBW 1 MHz
#Sweep 5 s (5000 pts)

|  |                             |
|--|-----------------------------|
| <b>Occupied Bandwidth</b>              | <b>Occ BW % Pwr</b> 99.00 % |
| 14.0563 MHz                            | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> -16.495 kHz |                             |
| <b>x dB Bandwidth</b> 14.530 MHz       |                             |

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

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**2.31. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:343500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:79, 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            | 0.03      | Peak     | 14.09     | 14.55               | 15                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 1.7175 GHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow signal trace. The plot parameters include 'Ref 30 dBm', '#Atten 30 dB', 'Log 10 dB/Offst 10.3 dB', 'Center 1.717 500 GHz', 'Span 30 MHz', '#Res BW 30 kHz', '#VBW 1 MHz', and '#Sweep 5 s (5000 pts)'. A green box highlights the 'Occupied Bandwidth' measurement results: 'Occupied Bandwidth 14.0900 MHz', 'Occ BW % Pwr 99.00 %', and 'x dB -26.00 dB'. Other parameters shown include 'Transmit Freq Error -13.322 kHz' and 'x dB Bandwidth 14.553 MHz'. On the right side, there is a 'Measure' menu with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen shows the copyright notice 'Copyright 2000-2012 Agilent Technologies'.

**2.32. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:349000, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745                   | 99            | 26            | 0.03      | Peak     | 14.08     | 14.55               | 15                | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 1.745 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak  
 Log  
 10  
 dB/  
 Offst  
 10.4  
 dB

Center 1.745 000 GHz
Span 30 MHz

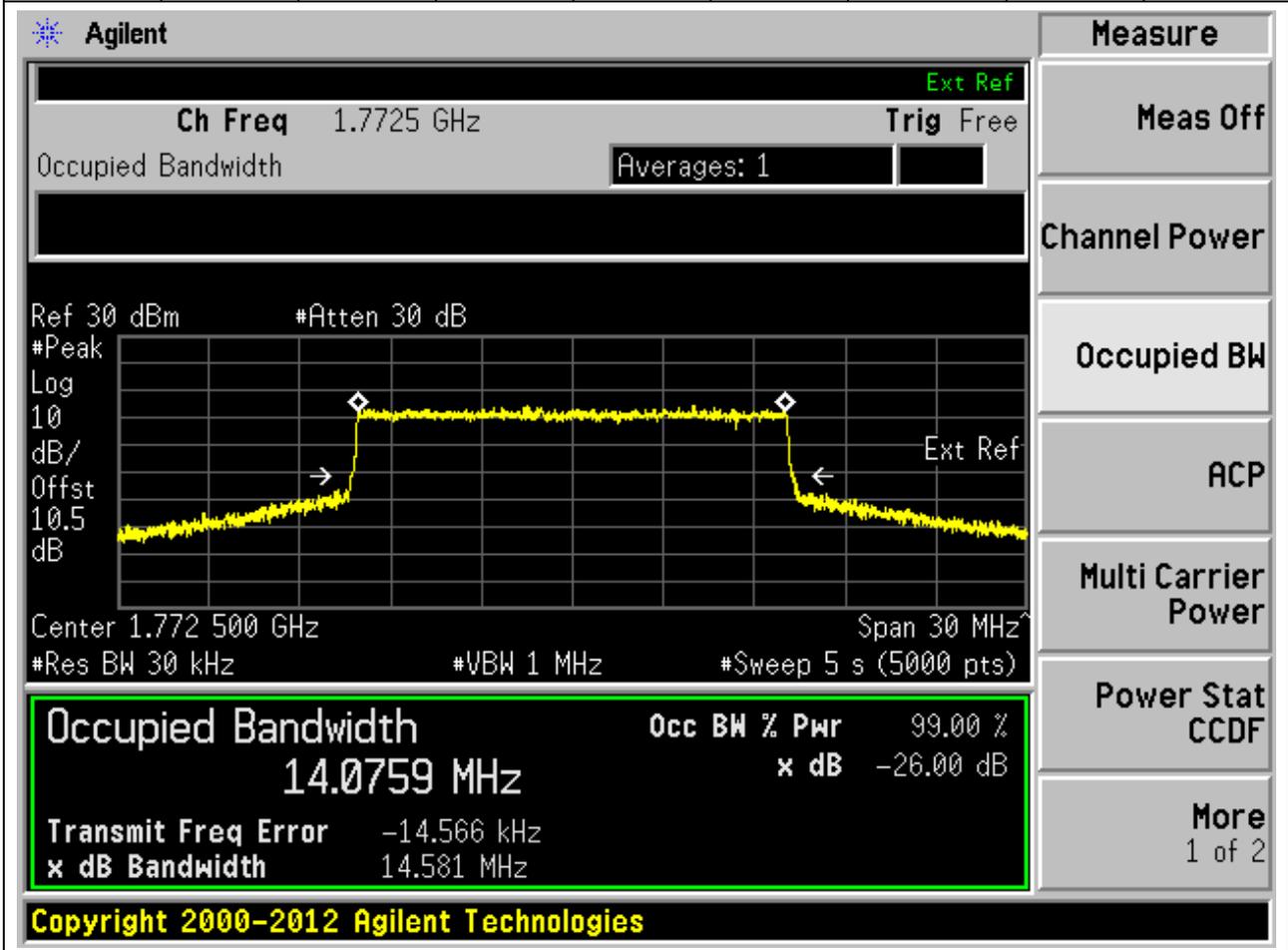
#Res BW 30 kHz
#VBW 1 MHz
#Sweep 5 s (5000 pts)

|                            |                             |
|----------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> 99.00 % |
| 14.0841 MHz                | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> | -11.977 kHz                 |
| <b>x dB Bandwidth</b>      | 14.553 MHz                  |

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**2.33. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:354500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1772.5                 | 99            | 26            | 0.03      | Peak     | 14.08     | 14.58               | 15                | Pass    |



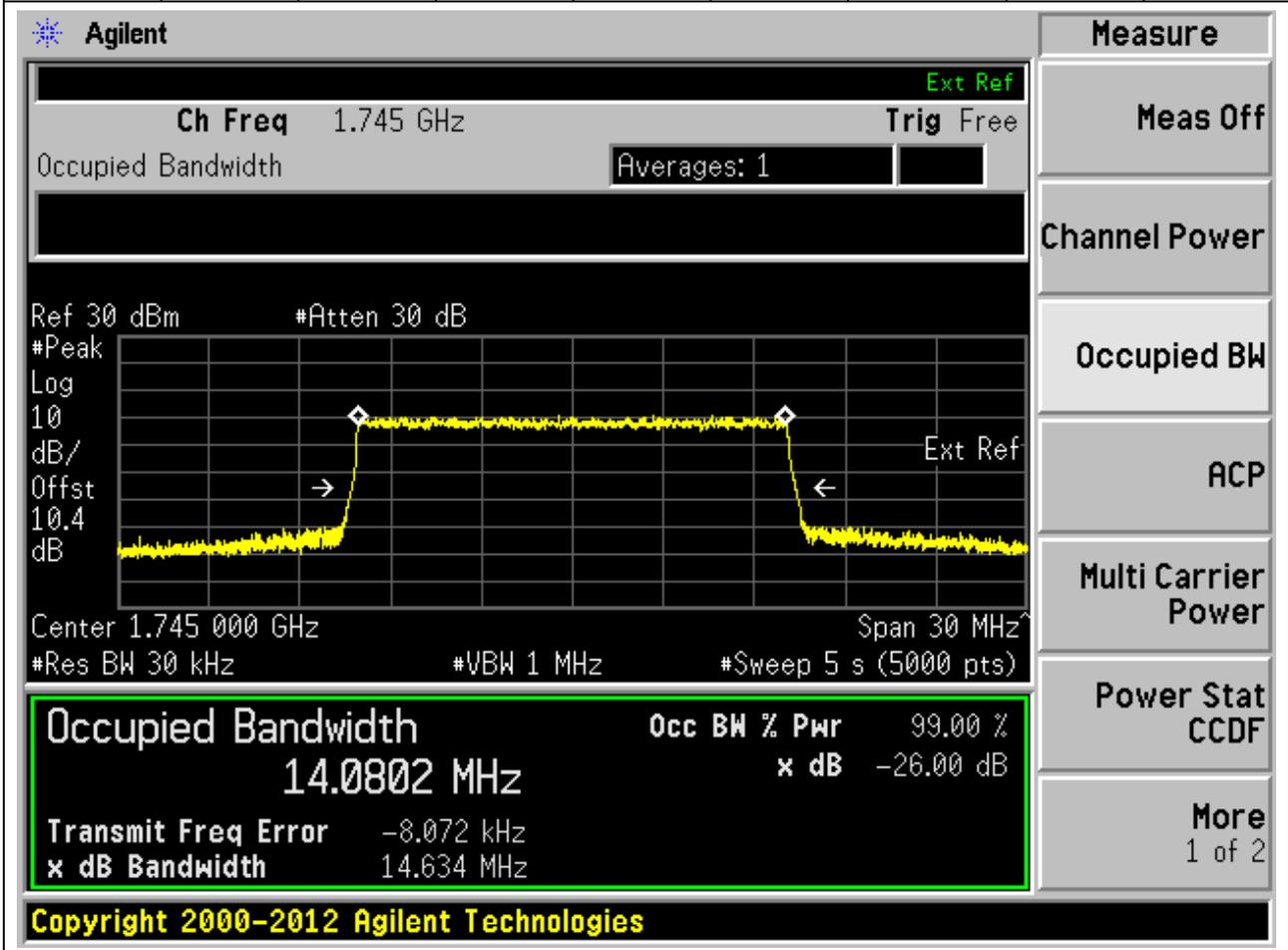
**2.34. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:343500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1717.5                 | 99            | 26            | 0.03      | Peak     | 14.08     | 14.57               | 15                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 1.7175 GHz. The main display shows a spectrum plot with a yellow trace. The plot parameters include a reference level of 30 dBm, a 30 dB attenuator, a 10 dB logarithmic scale, and a 10.3 dB offset. The center frequency is 1.7175 GHz, and the span is 30 MHz. The resolution bandwidth is 30 kHz, the video bandwidth is 1 MHz, and the sweep time is 5 seconds. A green box highlights the measurement results: Occupied Bandwidth is 14.0803 MHz, Occ BW % Pwr is 99.00%, and x dB is -26.00 dB. Other parameters shown include Transmit Freq Error (-13.251 kHz) and x dB Bandwidth (14.573 MHz). The interface also includes a 'Measure' menu with options like Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2). The copyright notice at the bottom reads 'Copyright 2000-2012 Agilent Technologies'.

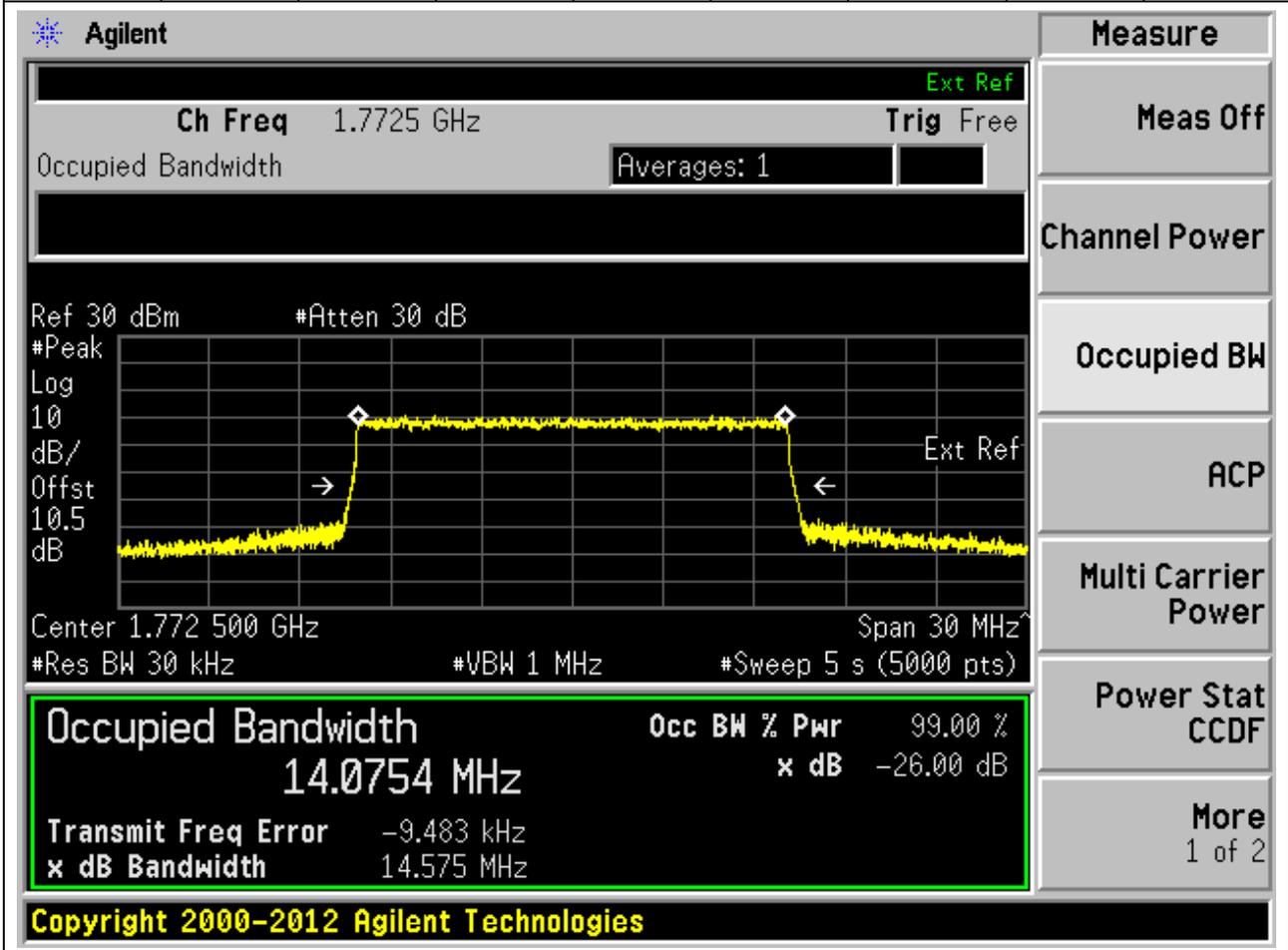
**2.35. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:349000, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745                   | 99            | 26            | 0.03      | Peak     | 14.08     | 14.63               | 15                | Pass    |



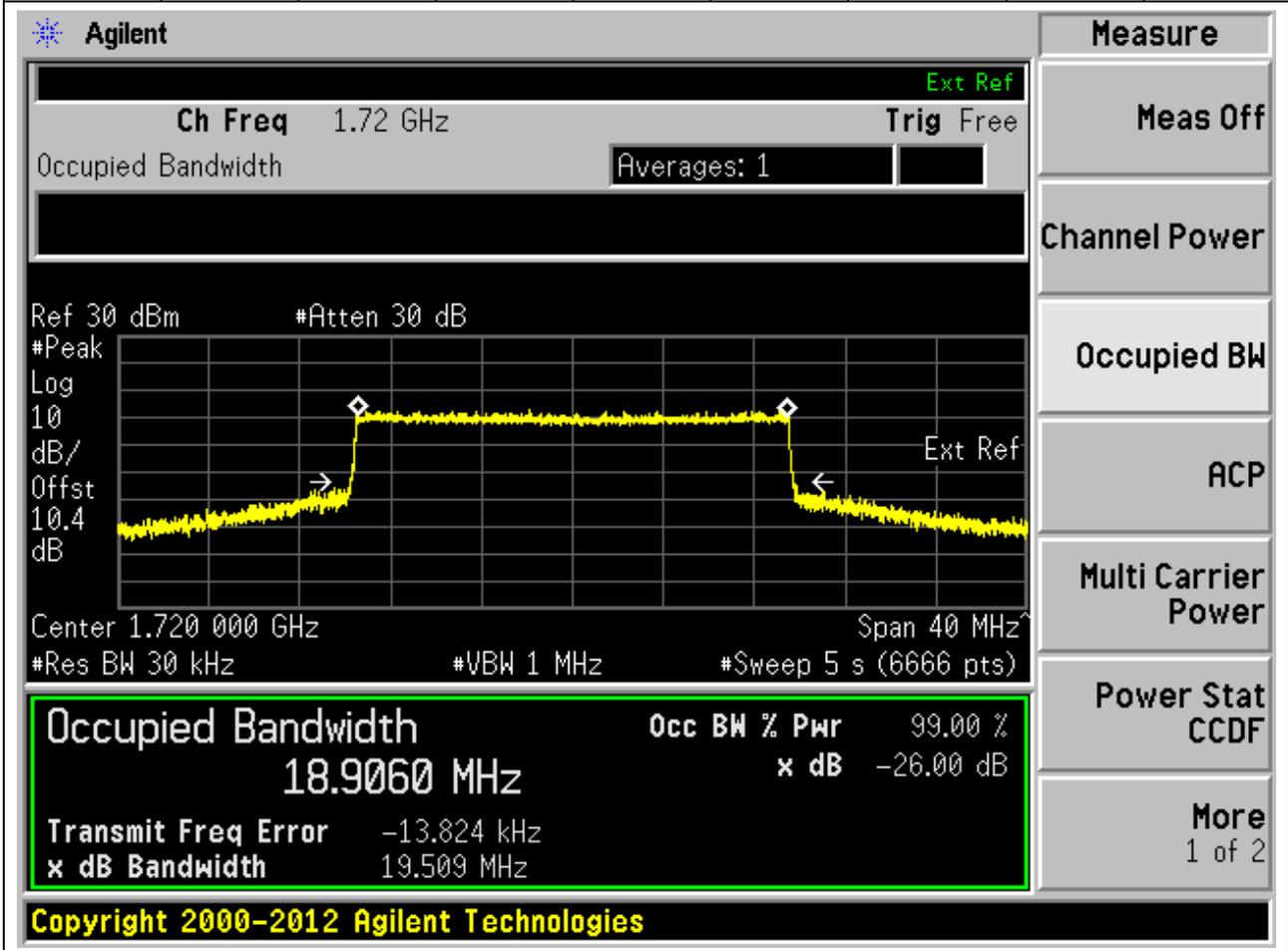
**2.36. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:354500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:79, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1772.5                 | 99            | 26            | 0.03      | Peak     | 14.08     | 14.58               | 15                | Pass    |



**2.37. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:344000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1720                   | 99            | 26            | 0.03      | Peak     | 18.91     | 19.51               | 20                | Pass    |



**2.38. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:349000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745                   | 99            | 26            | 0.03      | Peak     | 18.89     | 19.47               | 20                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 1.745 GHz. The main display shows a spectrum plot with a yellow trace. The plot parameters include a reference level of 30 dBm, a 30 dB attenuator, a 10 dB offset, and a 10.4 dB resolution bandwidth. The occupied bandwidth is measured as 18.8904 MHz, which is 99.00% of the 19.473 MHz bandwidth. The transmit frequency error is -12.455 kHz. The interface also shows a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. A copyright notice for Agilent Technologies from 2000-2012 is visible at the bottom.

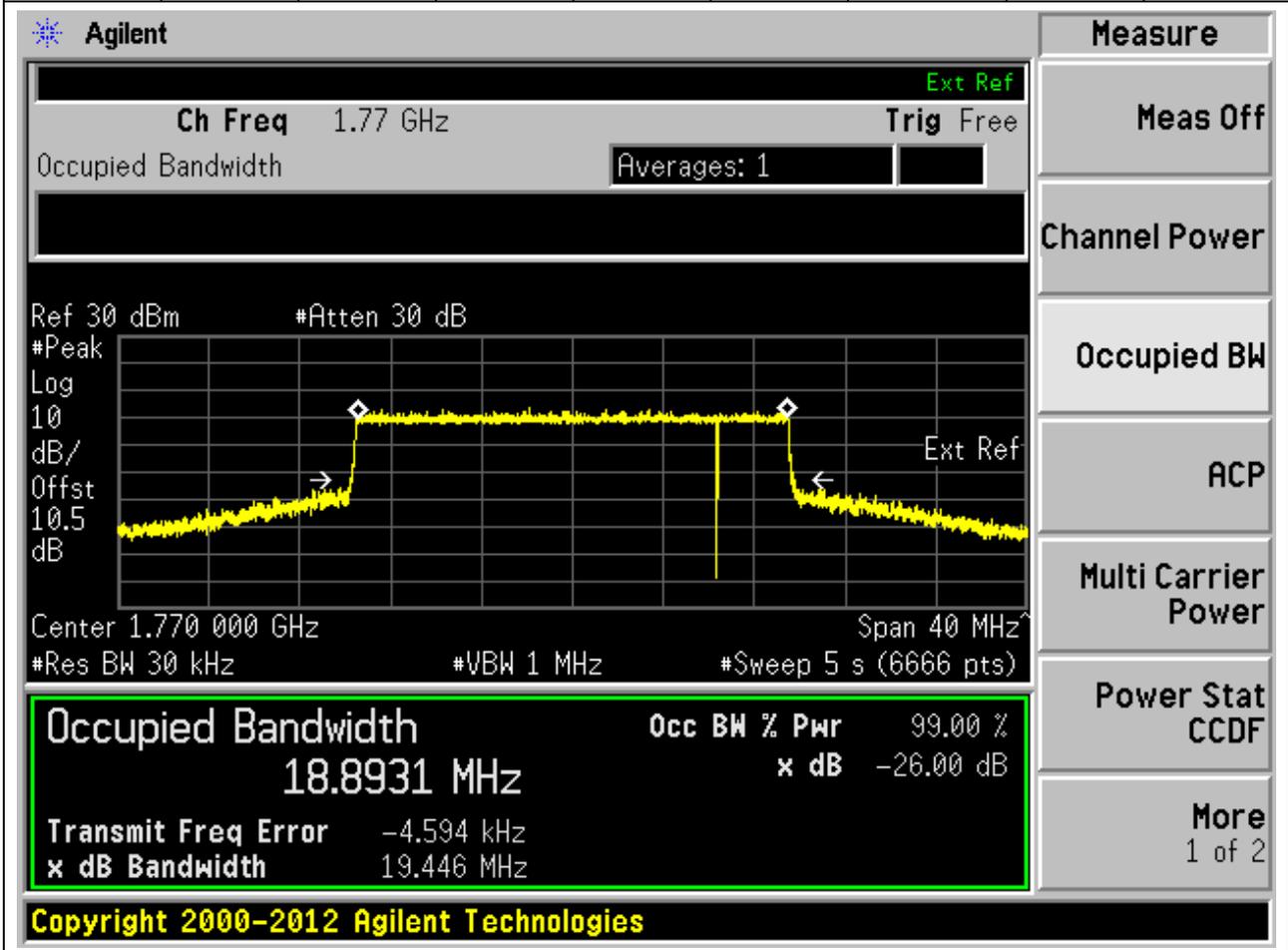
| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 18.8904 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: -12.455 kHz  
x dB Bandwidth: 19.473 MHz

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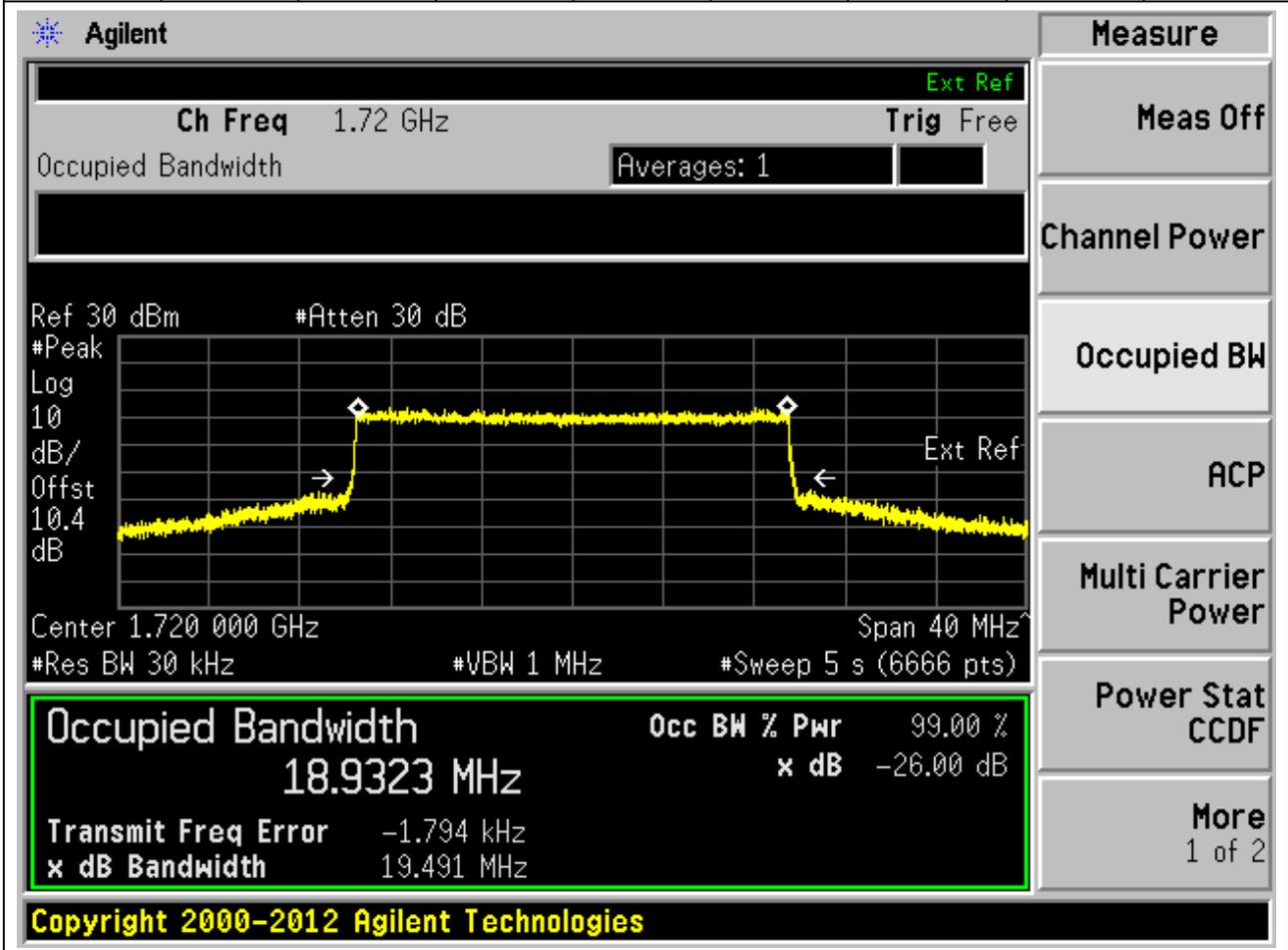
**2.39. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:354000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1770                   | 99            | 26            | 0.03      | Peak     | 18.89     | 19.45               | 20                | Pass    |



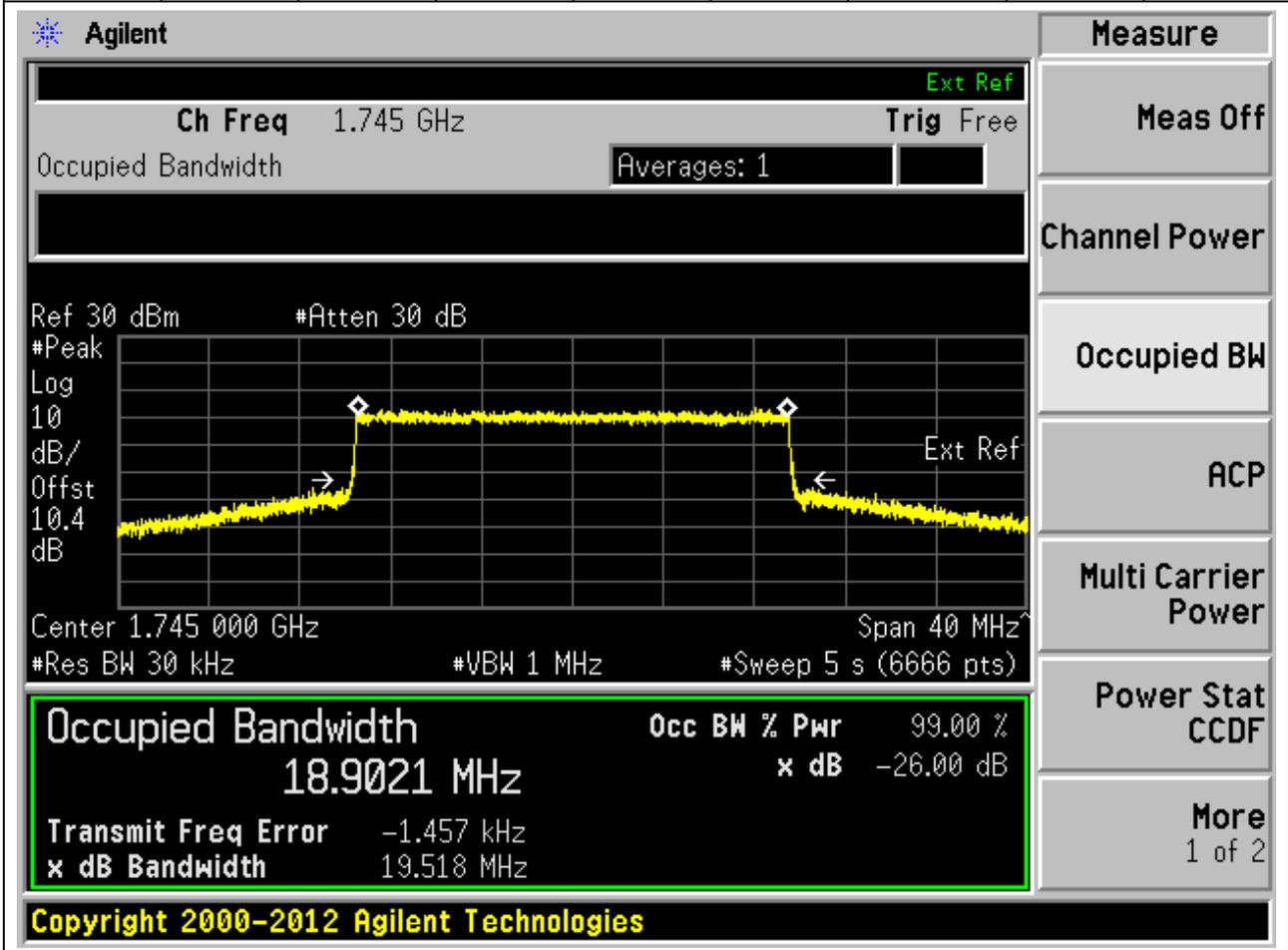
**2.40. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:344000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1720                   | 99            | 26            | 0.03      | Peak     | 18.93     | 19.49               | 20                | Pass    |



**2.41. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:349000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745                   | 99            | 26            | 0.03      | Peak     | 18.9      | 19.52               | 20                | Pass    |



**2.42. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:354000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, 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            | 0.03      | Peak     | 18.9      | 19.4                | 20                | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
 Occupied BW  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 1.77 GHz Ext Ref Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.5 dB

Center 1.770 000 GHz Span 40 MHz

#Res BW 30 kHz #VBW 1 MHz #Sweep 5 s (6666 pts)

|                            |                     |           |
|----------------------------|---------------------|-----------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> | 99.00 %   |
| 18.8996 MHz                | <b>x dB</b>         | -26.00 dB |
| <b>Transmit Freq Error</b> | 4.452 kHz           |           |
| <b>x dB Bandwidth</b>      | 19.401 MHz          |           |

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**2.71. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:344000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1720                   | 99            | 26            | 0.03      | Peak     | 18.91     | 19.36               | 20                | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 1.72 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.4 dB

Ext Ref

Center 1.720 000 GHz Span 40 MHz

#Res BW 30 kHz #VBW 1 MHz #Sweep 5 s (6666 pts)

|                                |                             |
|--------------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>      | <b>Occ BW % Pwr</b> 99.00 % |
| 18.9117 MHz                    | x dB -26.00 dB              |
| Transmit Freq Error -8.857 kHz |                             |
| x dB Bandwidth 19.362 MHz      |                             |

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**2.72. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:349000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745                   | 99            | 26            | 0.03      | Peak     | 18.89     | 19.36               | 20                | Pass    |

Agilent

**Measure**  
Meas Off  
Channel Power  
**Occupied BW**  
ACP  
Multi Carrier Power  
Power Stat CCDF  
More  
1 of 2

Ch Freq 1.745 GHz
Ext Ref

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

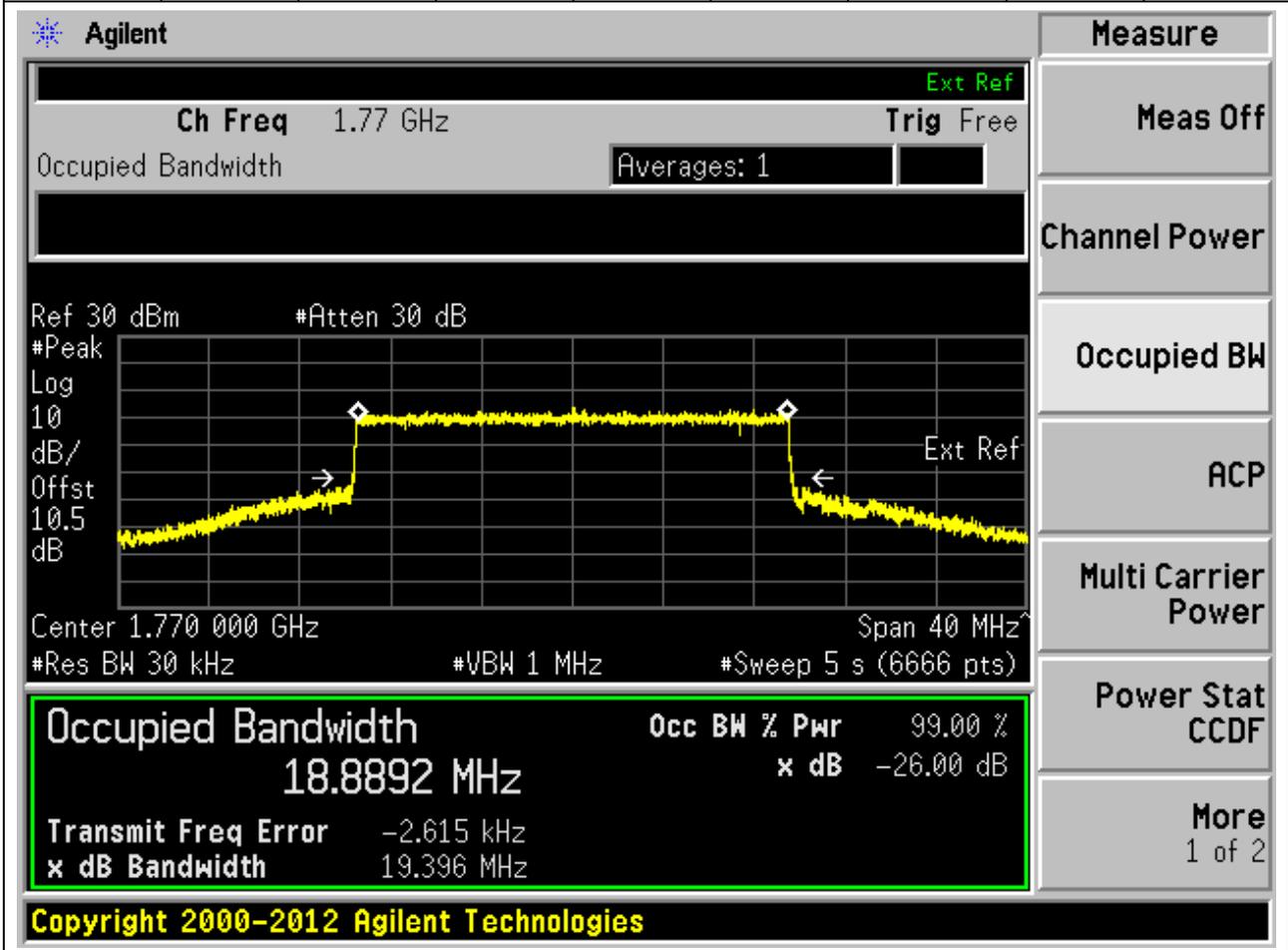
Center 1.745 000 GHz Span 40 MHz  
#Res BW 30 kHz #VBW 1 MHz #Sweep 5 s (6666 pts)

|                            |                             |
|----------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> 99.00 % |
| 18.8920 MHz                | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> | -5.475 kHz                  |
| <b>x dB Bandwidth</b>      | 19.360 MHz                  |

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**2.73. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:354000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, 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            | 0.03      | Peak     | 18.89     | 19.4                | 20                | Pass    |



**2.74. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:344000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1720                   | 99            | 26            | 0.03      | Peak     | 18.91     | 19.47               | 20                | Pass    |

Agilent

**Measure**  
Meas Off  
Channel Power  
**Occupied BW**  
ACP  
Multi Carrier Power  
Power Stat CCDF  
More  
1 of 2

Ch Freq 1.72 GHz
Ext Ref

Occupied Bandwidth
Averages: 1

Ref 30 dBm      #Atten 30 dB  
#Peak  
Log  
10  
dB/  
Offst  
10.4  
dB

Center 1.720 000 GHz
Span 40 MHz

#Res BW 30 kHz
#VBW 1 MHz
#Sweep 5 s (6666 pts)

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

18.9149 MHz
x dB -26.00 dB

Transmit Freq Error -9.401 kHz

x dB Bandwidth 19.472 MHz

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**2.75. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:349000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745                   | 99            | 26            | 0.03      | Peak     | 18.89     | 19.5                | 20                | Pass    |

Agilent

**Measure**  
Meas Off  
Channel Power  
**Occupied BW**  
ACP  
Multi Carrier Power  
Power Stat CCDF  
More  
1 of 2

Ch Freq 1.745 GHz
Ext Ref

Occupied Bandwidth
Averages: 1

Ref 30 dBm      #Atten 30 dB  
#Peak  
Log  
10  
dB/  
Offst  
10.4  
dB

Center 1.745 000 GHz
Span 40 MHz

#Res BW 30 kHz
#VBW 1 MHz
#Sweep 5 s (6666 pts)

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

**18.8881 MHz**
x dB -26.00 dB

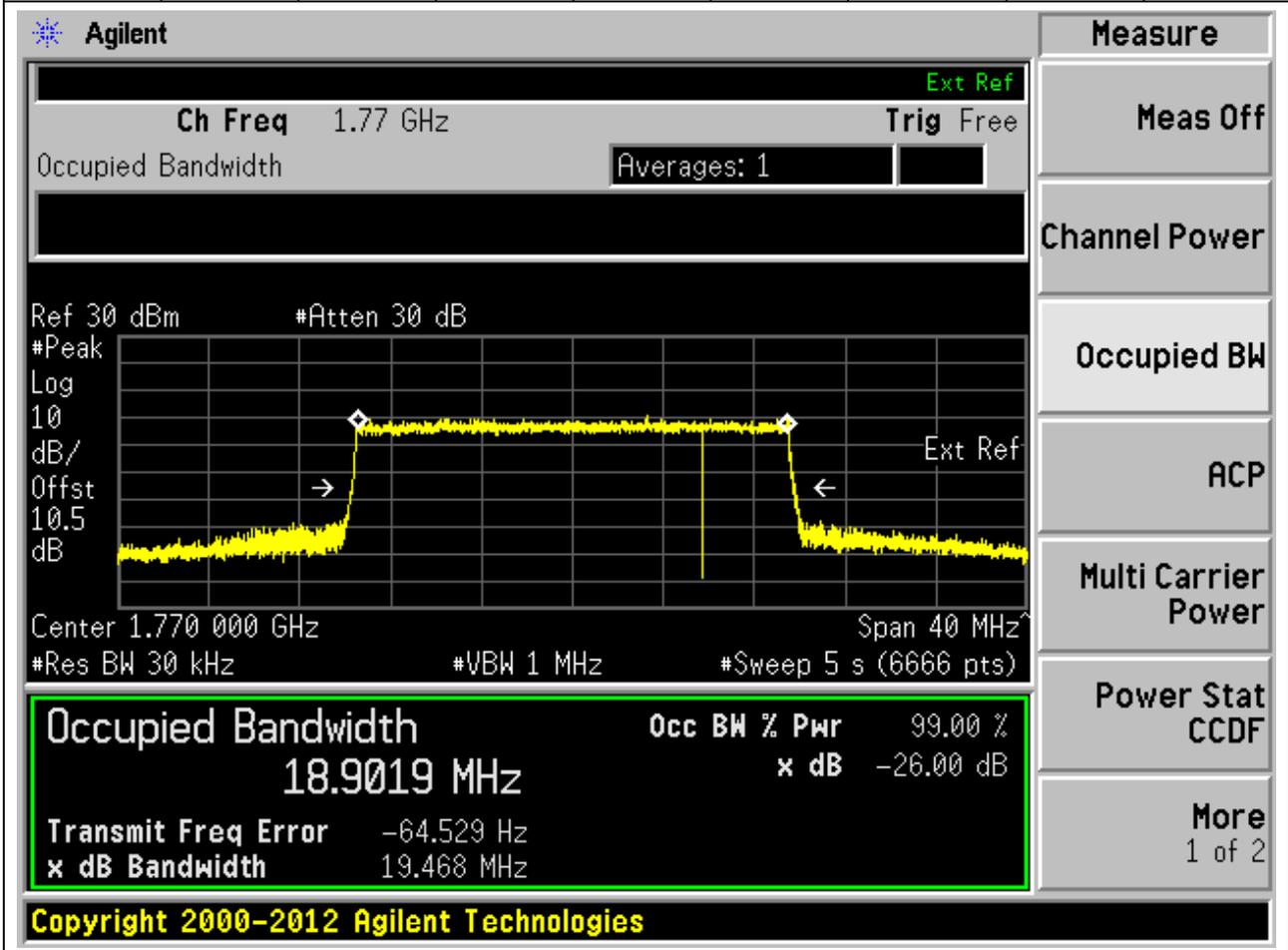
Transmit Freq Error -7.109 kHz

x dB Bandwidth 19.499 MHz

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**2.76. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:354000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, 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            | 0.03      | Peak     | 18.9      | 19.47               | 20                | Pass    |



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**2.47. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:345000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:160, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1725                   | 99            | 26            | 1         | Peak     | 28.98     | 31.15               | 30                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'dB/Offst' and the x-axis is 'Center'. The plot shows a signal with a sharp peak and a wider base. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen.

**Occupied Bandwidth** 28.9777 MHz

**Occ BW % Pwr** 99.00 %

**x dB** -26.00 dB

**Transmit Freq Error** -19.254 kHz

**x dB Bandwidth** 31.154 MHz

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**2.48. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:349000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:160, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745                   | 99            | 26            | 1         | Peak     | 28.83     | 31.07               | 30                | Pass    |

Agilent

**Measure**  
Meas Off  
Channel Power  
**Occupied BW**  
ACP  
Multi Carrier Power  
Power Stat CCDF  
More  
1 of 2

Ch Freq 1.745 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 1.745 00 GHz Span 60 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

|                            |                             |
|----------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> 99.00 % |
| 28.8323 MHz                | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> | -22.118 kHz                 |
| <b>x dB Bandwidth</b>      | 31.074 MHz                  |

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**2.49. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:353000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:160, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1765                   | 99            | 26            | 1         | Peak     | 28.91     | 31.1                | 30                | Pass    |

Agilent

Measure

Ch Freq 1.765 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

#Res BW 1 MHz
#VBW 3 MHz
#Sweep 5 s (401 pts)

|  |                             |
|--|-----------------------------|
| <b>Occupied Bandwidth</b>              | <b>Occ BW % Pwr</b> 99.00 % |
| 28.9063 MHz                            | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> -52.821 kHz |                             |
| <b>x dB Bandwidth</b> 31.100 MHz       |                             |

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

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**2.50. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:345000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:160, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1725                   | 99            | 26            | 1         | Peak     | 28.96     | 31.03               | 30                | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 1.725 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak  
 Log  
 10  
 dB/  
 Offst  
 10.4  
 dB

Center 1.725 00 GHz
Span 60 MHz

#Res BW 1 MHz
#VBW 3 MHz
#Sweep 5 s (401 pts)

|                                       |                             |
|---------------------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>             | <b>Occ BW % Pwr</b> 99.00 % |
| 28.9558 MHz                           | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> 25.211 kHz |                             |
| <b>x dB Bandwidth</b> 31.035 MHz      |                             |

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**2.51. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:349000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:160, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745                   | 99            | 26            | 1         | Peak     | 28.83     | 31                  | 30                | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 1.745 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak  
 Log  
 10  
 dB/  
 Offst  
 10.4  
 dB

Center 1.745 00 GHz
Span 60 MHz

#Res BW 1 MHz
#VBW 3 MHz
#Sweep 5 s (401 pts)

|                                |                             |
|--------------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>      | <b>Occ BW % Pwr</b> 99.00 % |
| 28.8339 MHz                    | x dB -26.00 dB              |
| Transmit Freq Error 16.680 kHz |                             |
| x dB Bandwidth 31.003 MHz      |                             |

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**2.52. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:353000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:160, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1765                   | 99            | 26            | 1         | Peak     | 28.87     | 31.02               | 30                | Pass    |

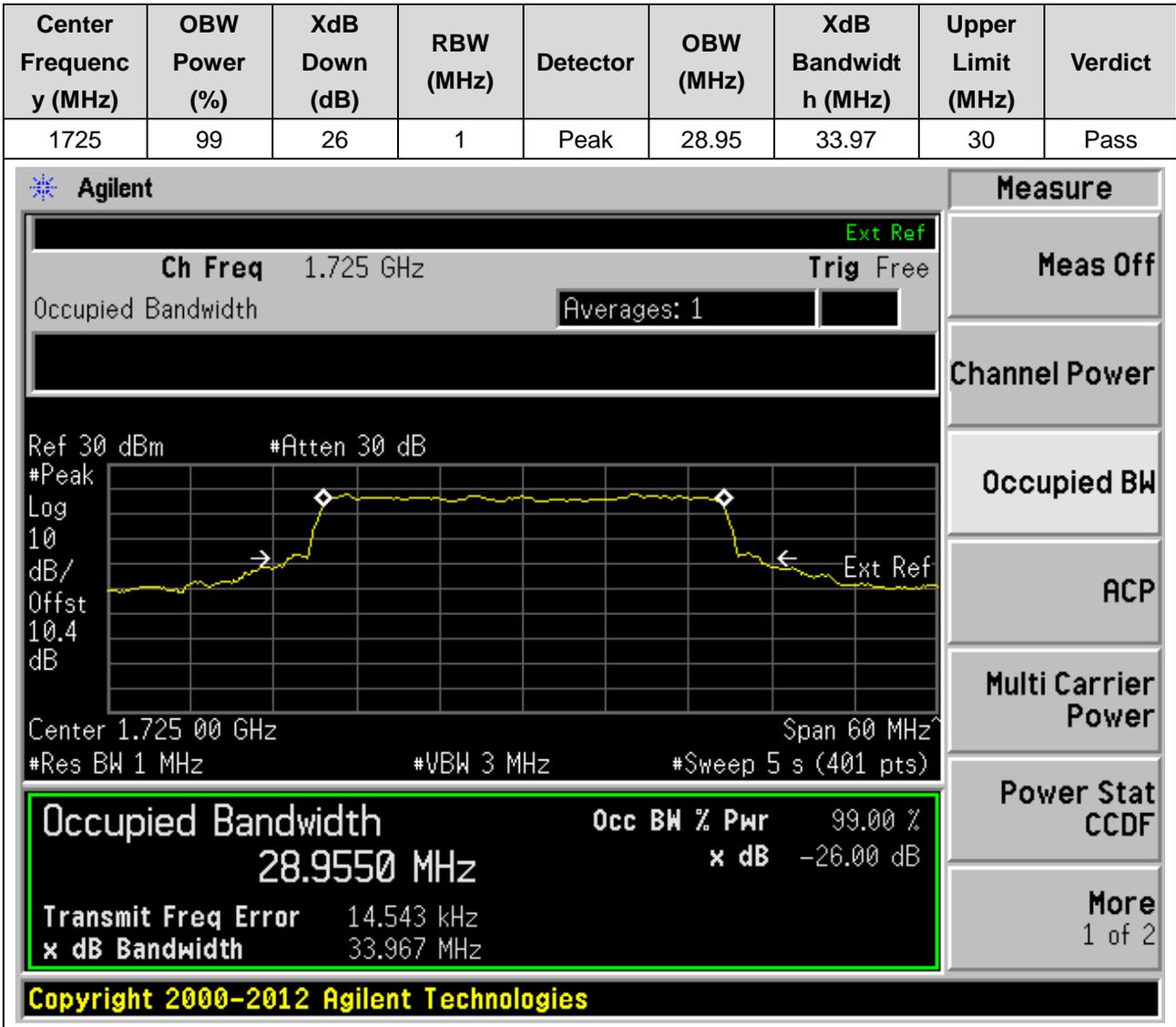
The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 1.765 GHz. The main display shows a spectrum plot with a yellow trace. The plot parameters include a reference level of 30 dBm, a 30 dB attenuator, a resolution bandwidth of 1 MHz, and a span of 60 MHz. The occupied bandwidth is highlighted in a green box with the following values:

|                            |                     |            |
|----------------------------|---------------------|------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> | 99.00 %    |
| <b>28.8694 MHz</b>         | <b>x dB</b>         | -26.00 dB  |
| <b>Transmit Freq Error</b> |                     | -4.376 kHz |
| <b>x dB Bandwidth</b>      |                     | 31.020 MHz |

On the right side of the interface, there is a 'Measure' menu with options: Meas Off, Channel Power, Occupied BW (selected), ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

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**2.53. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:345000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:160, RB Position:0)**



**2.54. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:349000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:160, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745                   | 99            | 26            | 1         | Peak     | 28.83     | 33.82               | 30                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 1.745 GHz, and the span is 60 MHz. The occupied bandwidth is measured as 28.8335 MHz. The power is 99.00% and the XdB down is -26.00 dB. The detector is set to Peak. The upper limit is 30 MHz. The verdict is Pass.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 28.8335 MHz        | 99.00 %      | -26.00 dB |

Other parameters shown in the screenshot include: Ch Freq 1.745 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 10.4 dB, Center 1.745 00 GHz, Span 60 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts), Transmit Freq Error -6.911 kHz, x dB Bandwidth 33.817 MHz.

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**2.55. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:353000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:160, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1765                   | 99            | 26            | 1         | Peak     | 28.88     | 33.78               | 30                | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 1.765 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak  
 Log  
 10  
 dB/  
 Offst  
 10.4  
 dB

Center 1.765 00 GHz
Span 60 MHz

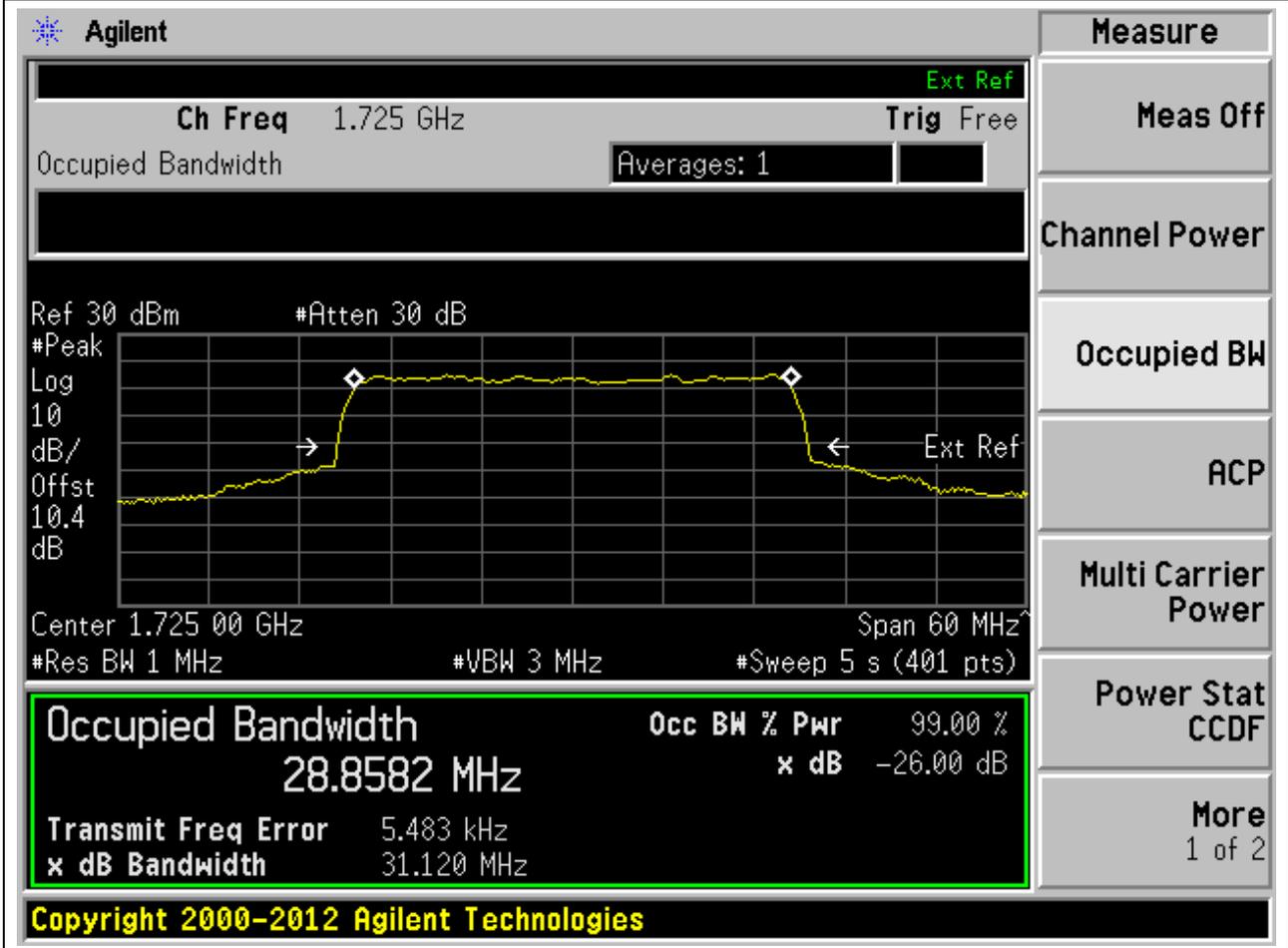
#Res BW 1 MHz
#VBW 3 MHz
#Sweep 5 s (401 pts)

|                            |                             |
|----------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> 99.00 % |
| 28.8810 MHz                | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> | -27.086 kHz                 |
| <b>x dB Bandwidth</b>      | 33.785 MHz                  |

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**2.56. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:345000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:160, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1725                   | 99            | 26            | 1         | Peak     | 28.86     | 31.12               | 30                | Pass    |



**2.57. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:349000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:160, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745                   | 99            | 26            | 1         | Peak     | 28.75     | 31.07               | 30                | Pass    |

Agilent

**Measure**  
Meas Off  
Channel Power  
**Occupied BW**  
ACP  
Multi Carrier Power  
Power Stat CCDF  
More  
1 of 2

Ch Freq 1.745 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.4 dB

Center 1.745 00 GHz Span 60 MHz

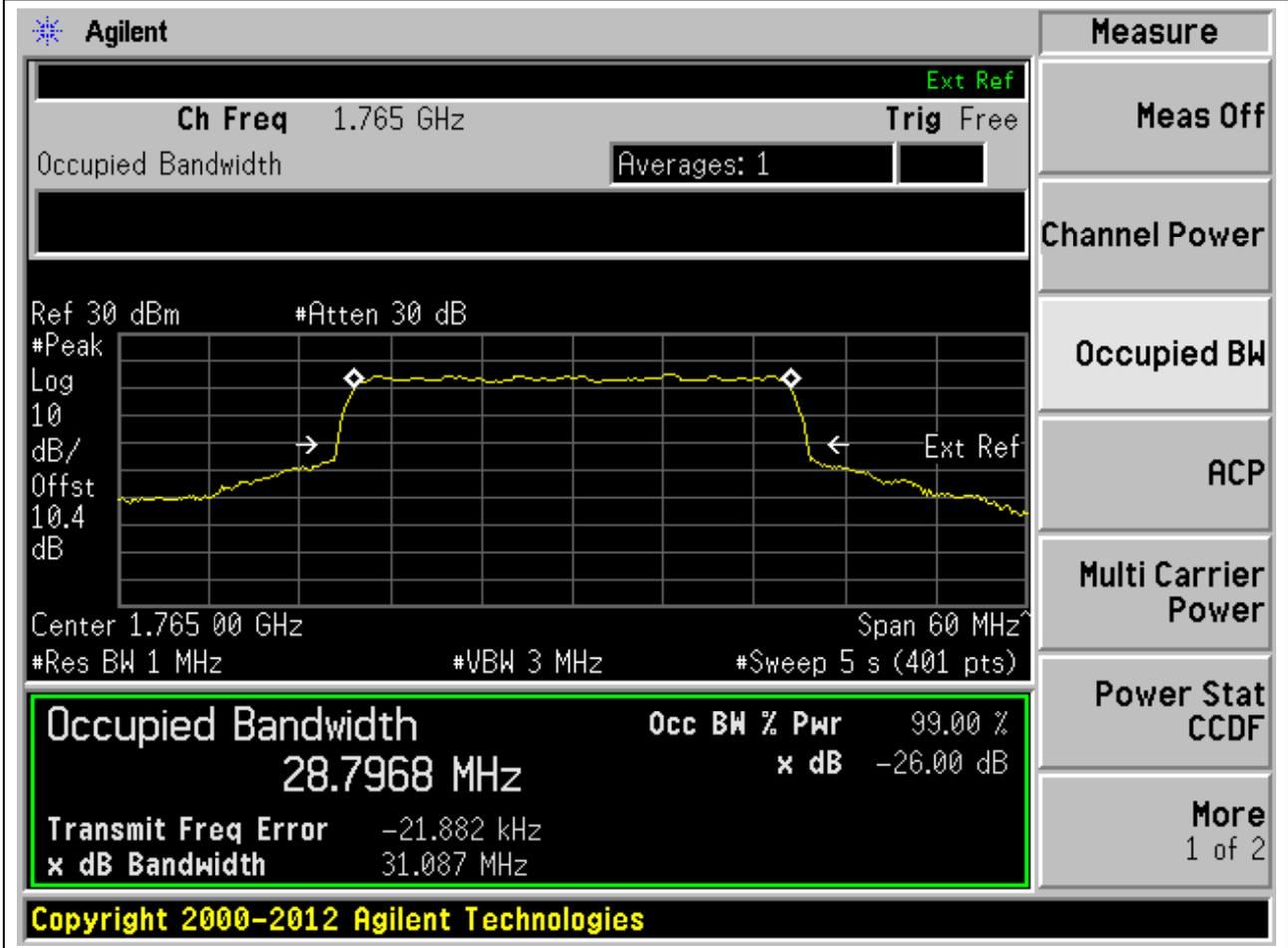
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

|                            |                             |
|----------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> 99.00 % |
| 28.7544 MHz                | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> | -6.670 kHz                  |
| <b>x dB Bandwidth</b>      | 31.073 MHz                  |

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**2.58. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:353000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:160, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1765                   | 99            | 26            | 1         | Peak     | 28.8      | 31.09               | 30                | Pass    |



**2.59. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:346000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1730                   | 99            | 26            | 1         | Peak     | 38.79     | 41.27               | 40                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The measurement results are as follows:

| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 38.7936 MHz |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | 18.708 kHz  |
| x dB Bandwidth      | 41.273 MHz  |

Additional parameters shown in the interface include: Ch Freq 1.73 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log, 10 dB/Offst, 10.4 dB, Center 1.730 0 GHz, Span 80 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts). The 'Measure' menu on the right includes options like Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

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**2.60. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:349000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745                   | 99            | 26            | 1         | Peak     | 38.73     | 41.19               | 40                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 1.745 GHz. The main display shows a spectrum plot with a yellow trace representing the signal. The plot includes a reference level at 30 dBm and an attenuation of 30 dB. The occupied bandwidth is highlighted in a green box, showing a value of 38.7319 MHz. Other parameters shown include a transmit frequency error of 43.126 kHz and an x dB bandwidth of 41.188 MHz. The right-hand side of the interface features a 'Measure' menu with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen displays the copyright information: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 38.7319 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: 43.126 kHz  
x dB Bandwidth: 41.188 MHz

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**2.61. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:352000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1760                   | 99            | 26            | 1         | Peak     | 38.76     | 41.23               | 40                | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 1.76 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 1.7600 GHz Span 80 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

|                            |                             |
|----------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> 99.00 % |
| 38.7564 MHz                | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> | -13.806 kHz                 |
| <b>x dB Bandwidth</b>      | 41.228 MHz                  |

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**2.62. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:346000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:216, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1730                   | 99            | 26            | 1         | Peak     | 38.88     | 41.37               | 40                | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 1.73 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 1.7300 GHz Span 80 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

|                            |                             |
|----------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> 99.00 % |
| 38.8795 MHz                | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> | -19.488 kHz                 |
| <b>x dB Bandwidth</b>      | 41.367 MHz                  |

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**2.63. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:349000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:216, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745                   | 99            | 26            | 1         | Peak     | 38.78     | 41.33               | 40                | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 1.745 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak  
 Log  
 10  
 dB/  
 Offst  
 10.4  
 dB

Center 1.745 0 GHz
Span 80 MHz

#Res BW 1 MHz
#VBW 3 MHz
#Sweep 5 s (401 pts)

|                            |                             |
|----------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>  | <b>Occ BW % Pwr</b> 99.00 % |
| 38.7822 MHz                | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> | -24.427 kHz                 |
| <b>x dB Bandwidth</b>      | 41.334 MHz                  |

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**2.64. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:352000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:216, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1760                   | 99            | 26            | 1         | Peak     | 38.83     | 41.36               | 40                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The measurement results are as follows:

| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 38.8306 MHz |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | -73.052 kHz |
| x dB Bandwidth      | 41.362 MHz  |

Other visible parameters include: Ch Freq 1.76 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst, 10.4 dB, Center 1.7600 GHz, Span 80 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

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**2.65. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:346000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:216, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1730                   | 99            | 26            | 1         | Peak     | 38.9      | 41.33               | 40                | Pass    |

Agilent

**Measure**  
 Meas Off  
 Channel Power  
**Occupied BW**  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
 1 of 2

Ch Freq 1.73 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

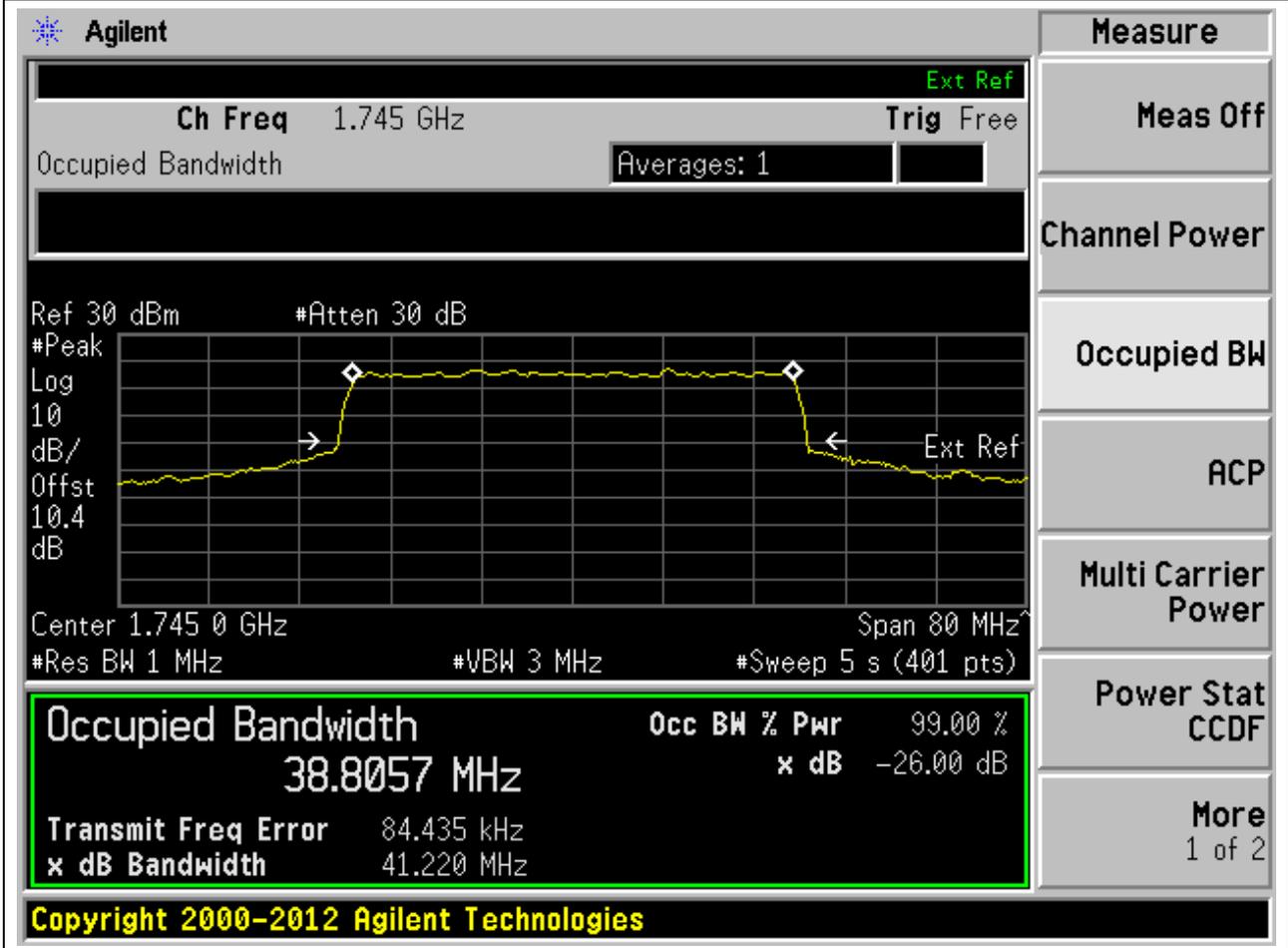
Center 1.730 0 GHz Span 80 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

|                                       |                             |
|---------------------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>             | <b>Occ BW % Pwr</b> 99.00 % |
| 38.9029 MHz                           | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> 68.546 kHz |                             |
| <b>x dB Bandwidth</b> 41.327 MHz      |                             |

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**2.66. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:349000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:216, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745                   | 99            | 26            | 1         | Peak     | 38.81     | 41.22               | 40                | Pass    |



**2.67. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:352000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:216, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1760                   | 99            | 26            | 1         | Peak     | 38.86     | 41.24               | 40                | Pass    |

Agilent

Ext Ref

**Ch Freq** 1.76 GHz Trig Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

10.4

dB

Center 1.760 0 GHz Span 80 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

**Meas Off**

---

Channel Power

---

Occupied BW

---

ACP

---

Multi Carrier Power

---

Power Stat  
CCDF

---

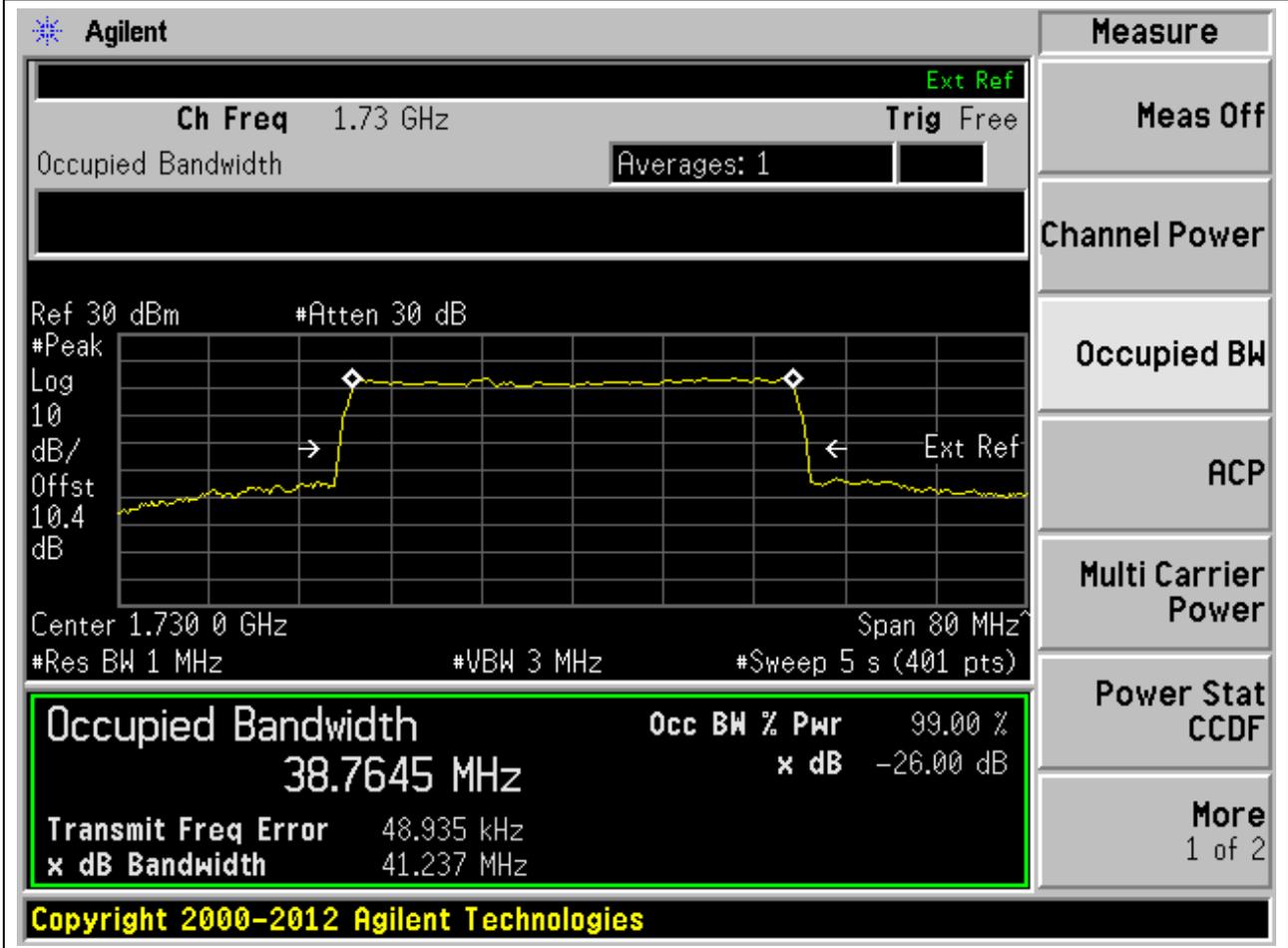
More  
1 of 2

|                                       |                             |
|---------------------------------------|-----------------------------|
| <b>Occupied Bandwidth</b>             | <b>Occ BW % Pwr</b> 99.00 % |
| 38.8584 MHz                           | x dB -26.00 dB              |
| <b>Transmit Freq Error</b> 29.582 kHz |                             |
| <b>x dB Bandwidth</b> 41.236 MHz      |                             |

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**2.68. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:346000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:216, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1730                   | 99            | 26            | 1         | Peak     | 38.76     | 41.24               | 40                | Pass    |



**2.69. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:349000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:216, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1745                   | 99            | 26            | 1         | Peak     | 38.67     | 41.16               | 40                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The results are as follows:

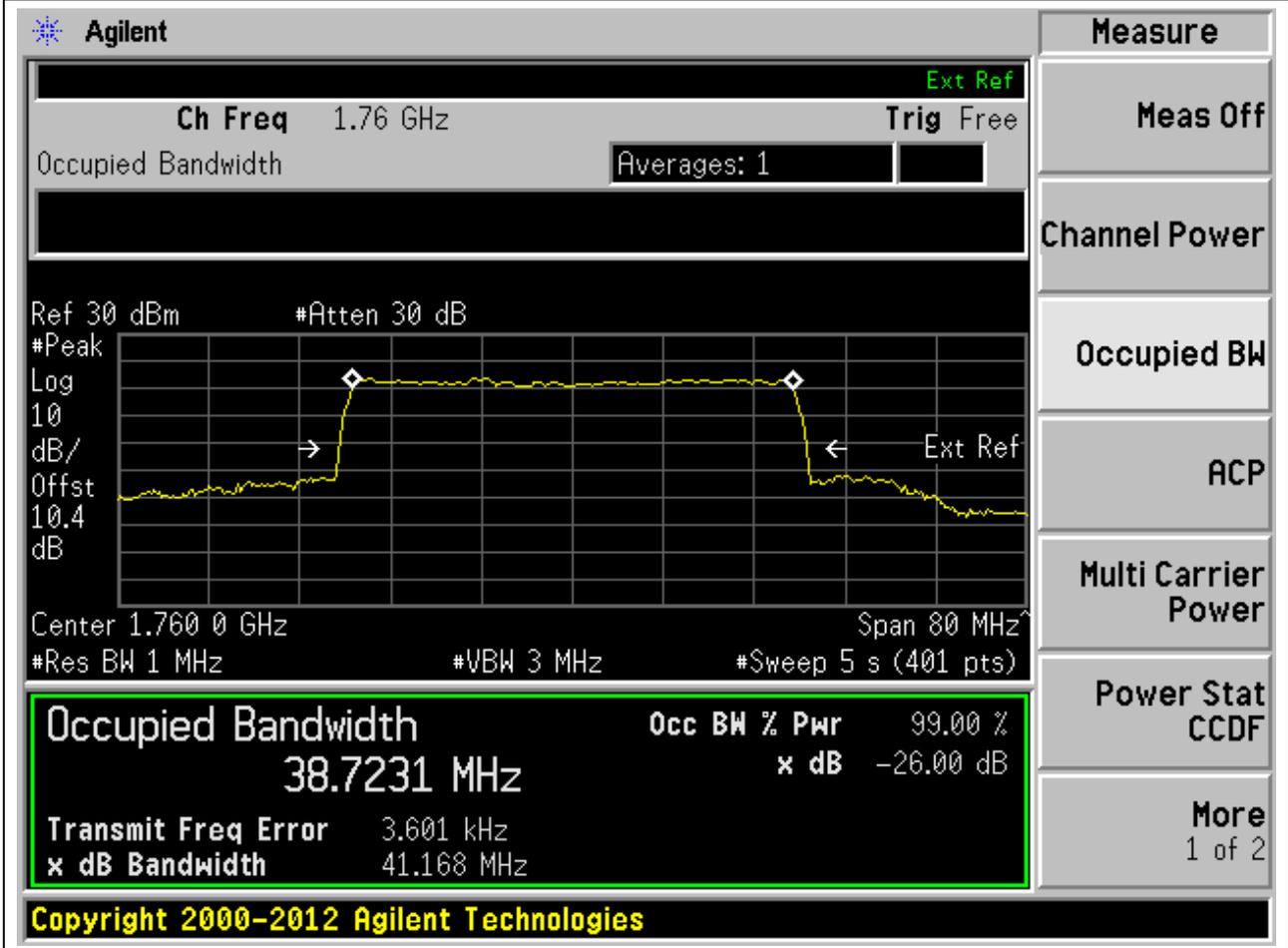
| Measurement         | Value       |
|---------------------|-------------|
| Occupied Bandwidth  | 38.6713 MHz |
| Occ BW % Pwr        | 99.00 %     |
| x dB                | -26.00 dB   |
| Transmit Freq Error | 51.746 kHz  |
| x dB Bandwidth      | 41.160 MHz  |

Additional parameters shown in the interface include: Ch Freq 1.745 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst, 10.4 dB, Center 1.745 0 GHz, Span 80 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

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**2.70. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:352000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:216, RB Position:0)**

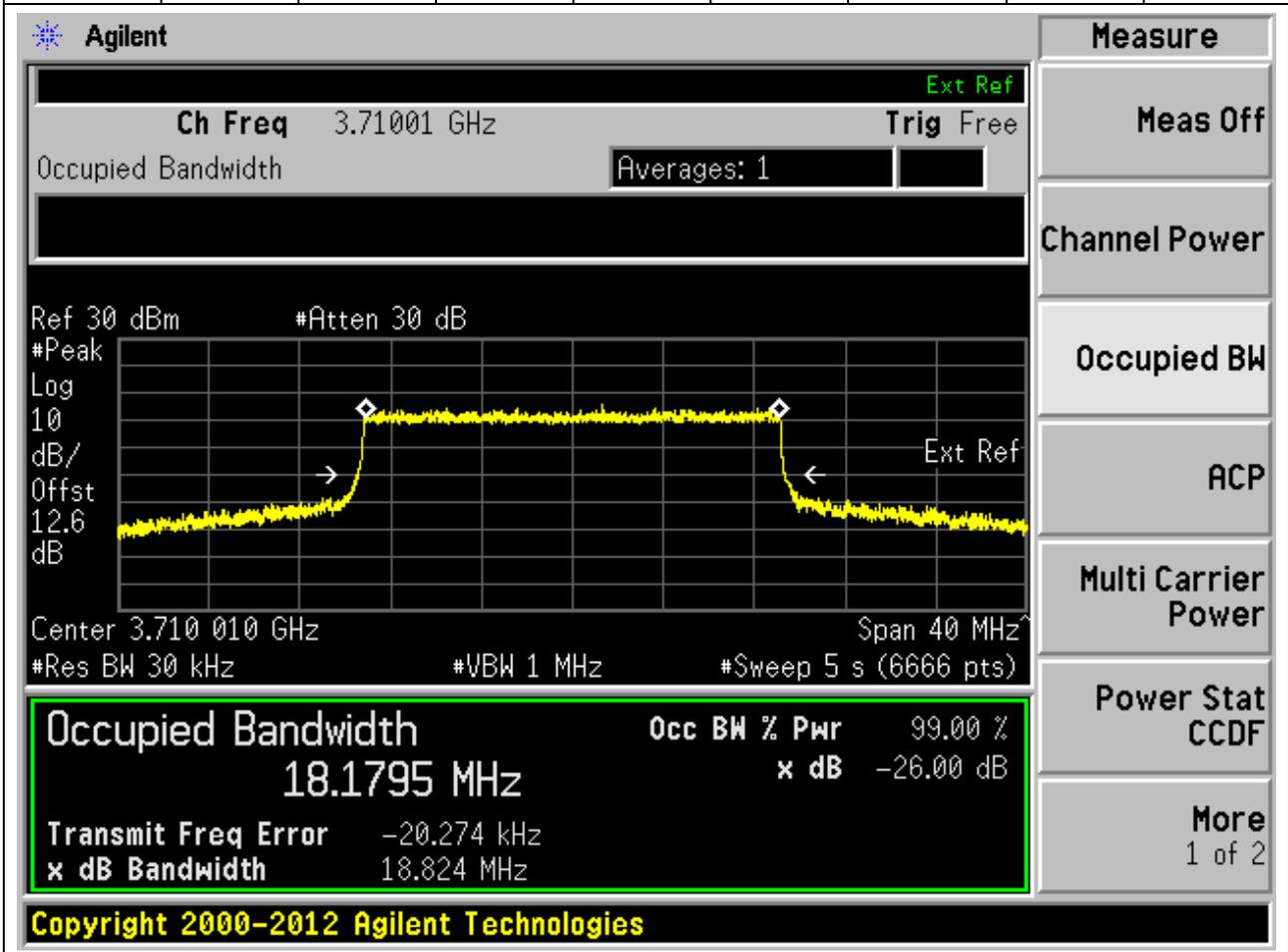
| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 1760                   | 99            | 26            | 1         | Peak     | 38.72     | 41.17               | 40                | Pass    |



#### 4. n77(3700-3980)

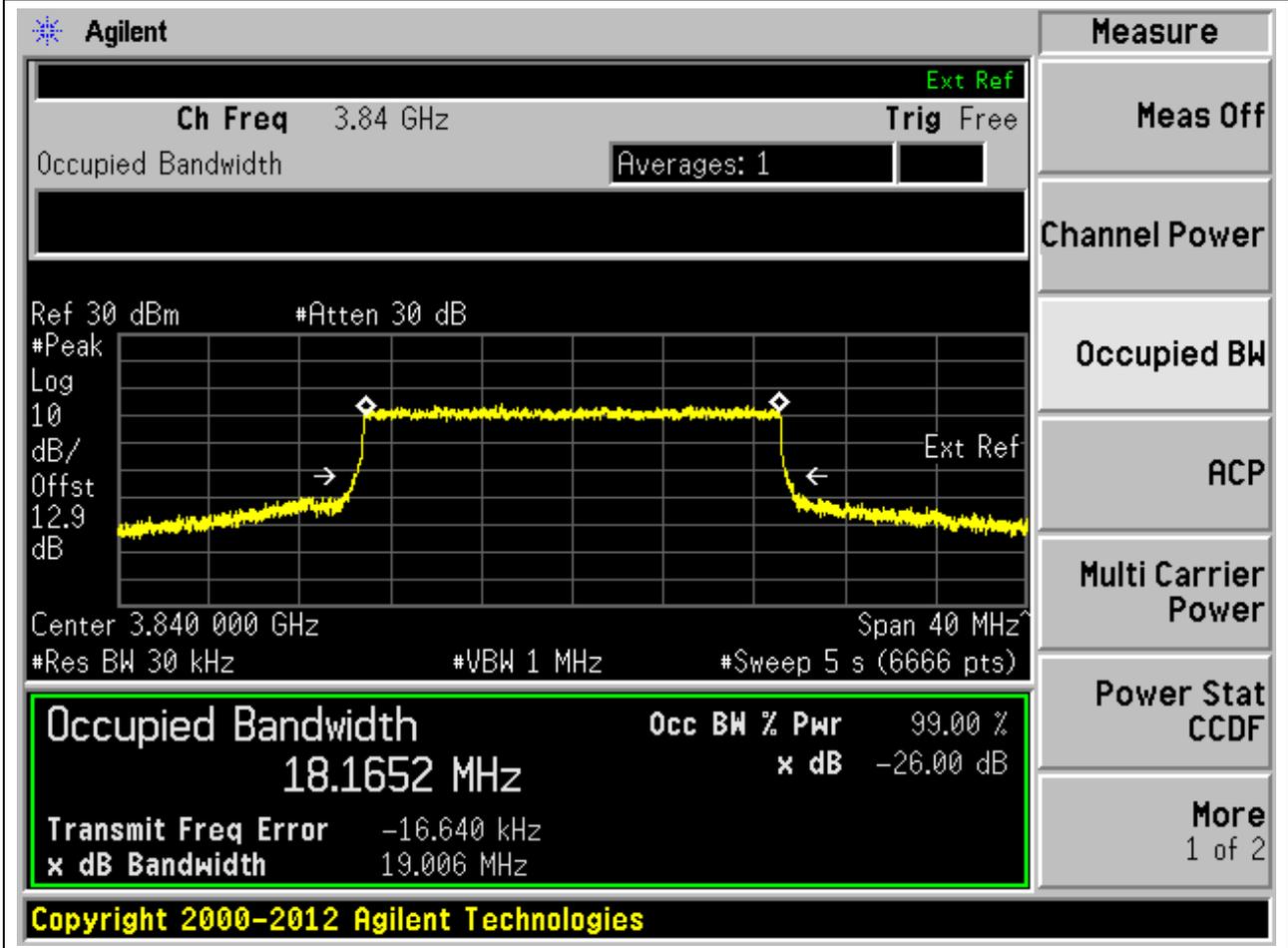
4.1. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:647334, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:51, RB Position:0)

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 3710.01                | 99            | 26            | 0.03      | Peak     | 18.18     | 18.82               | 20                | Pass    |



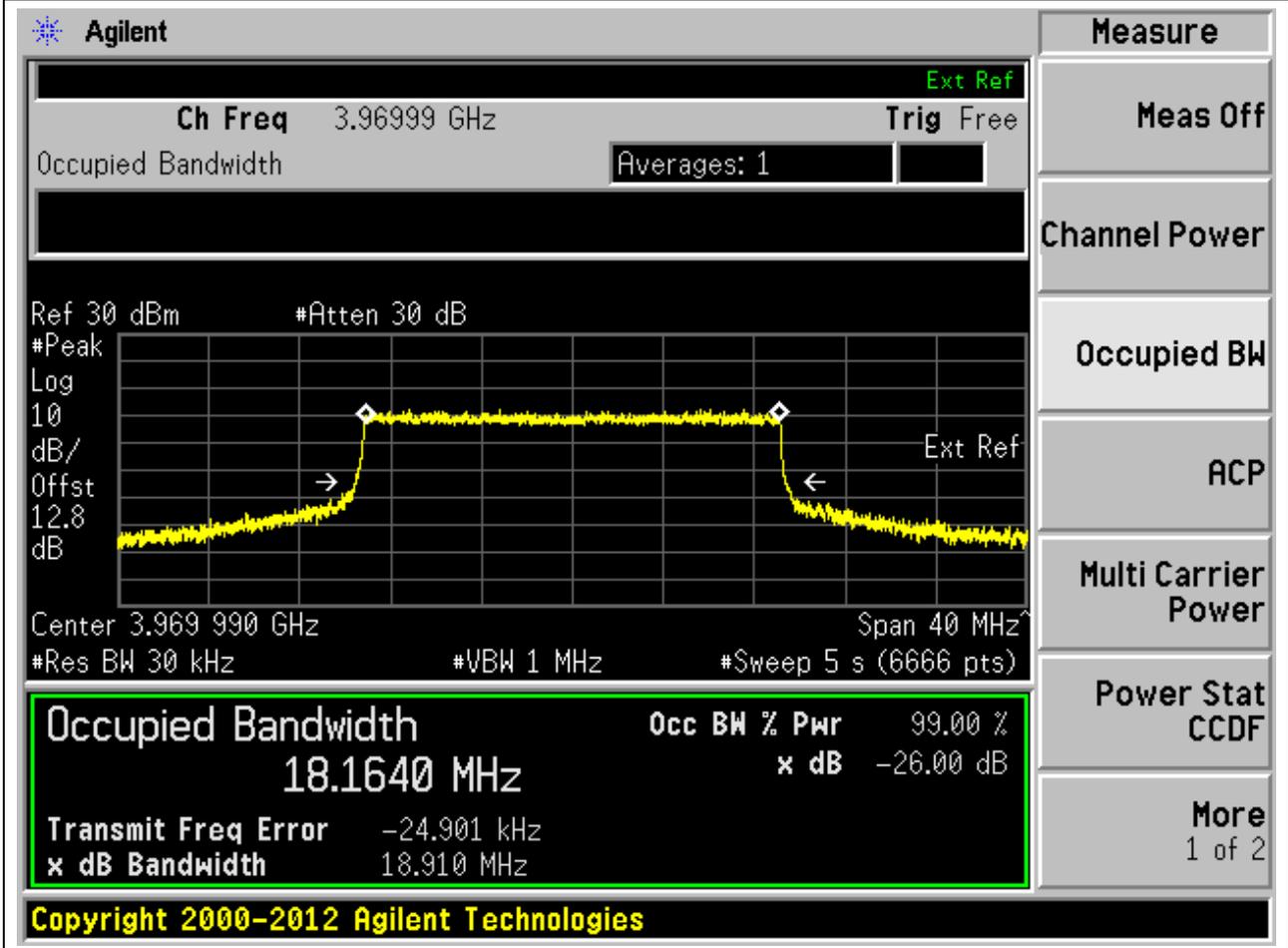
**4.2. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:656000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:51, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 3840                   | 99            | 26            | 0.03      | Peak     | 18.17     | 19.01               | 20                | Pass    |



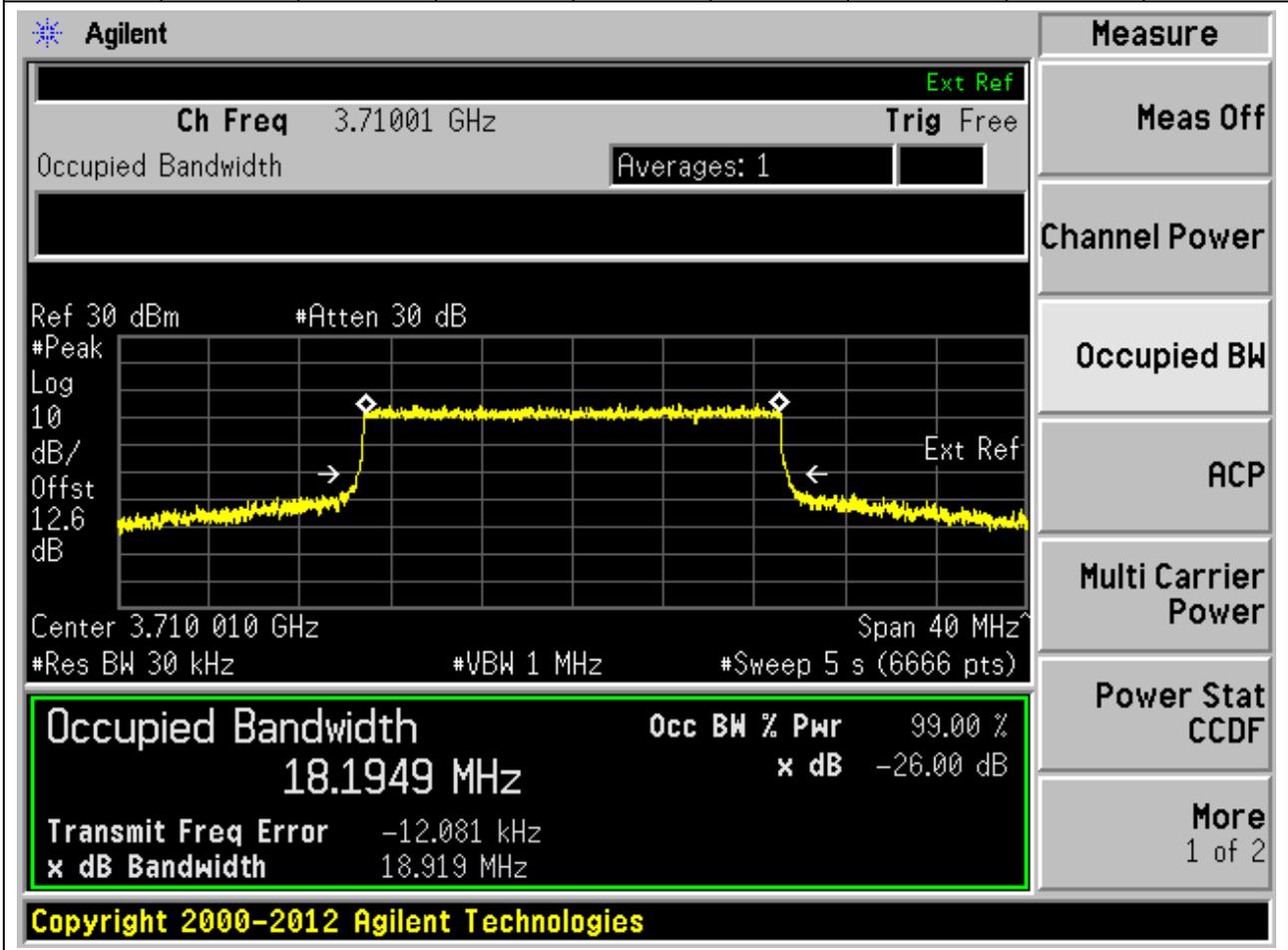
**4.3. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:664666, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:51, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 3969.99                | 99            | 26            | 0.03      | Peak     | 18.16     | 18.91               | 20                | Pass    |



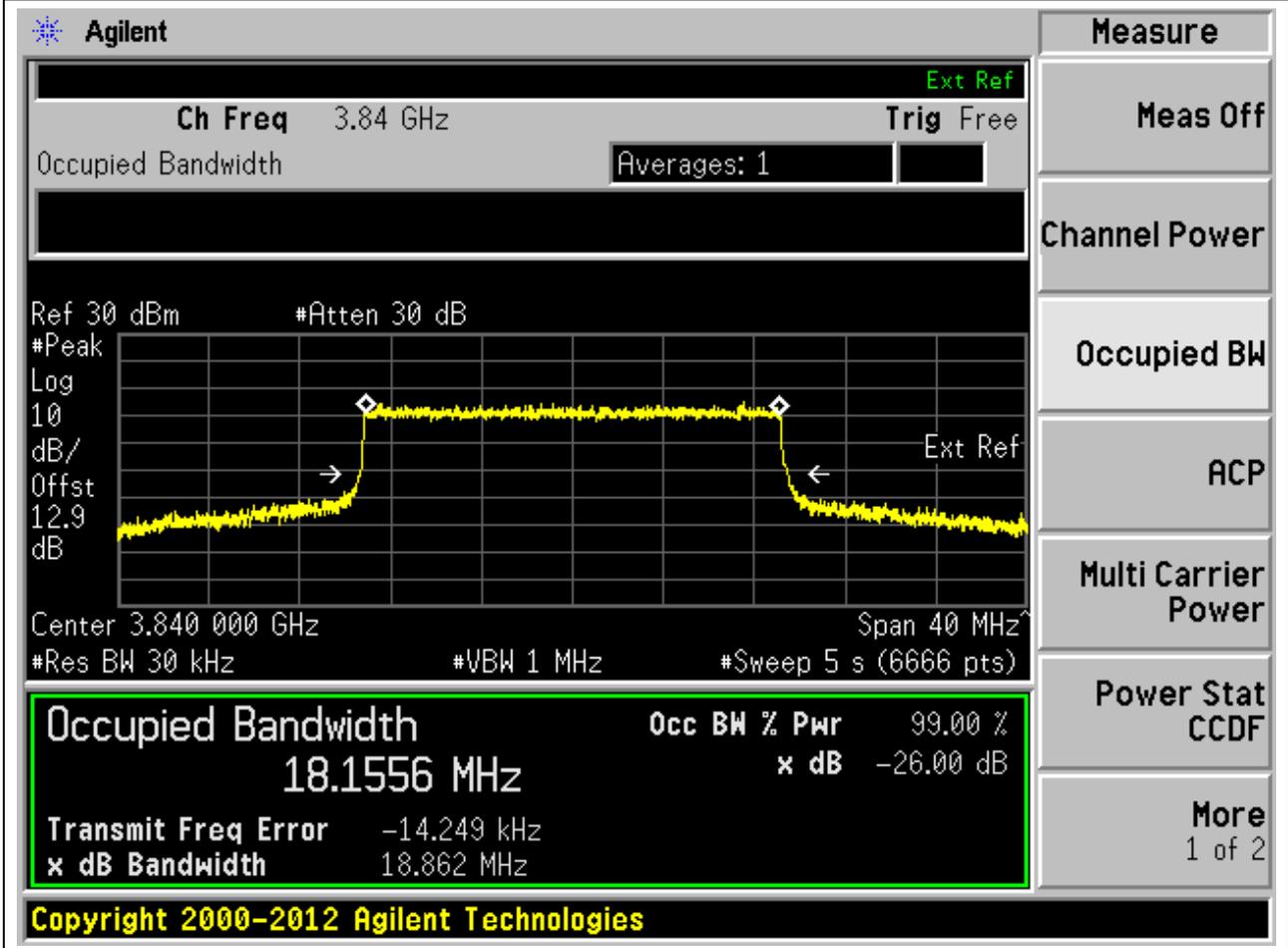
**4.4. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:647334, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:51, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 3710.01                | 99            | 26            | 0.03      | Peak     | 18.19     | 18.92               | 20                | Pass    |



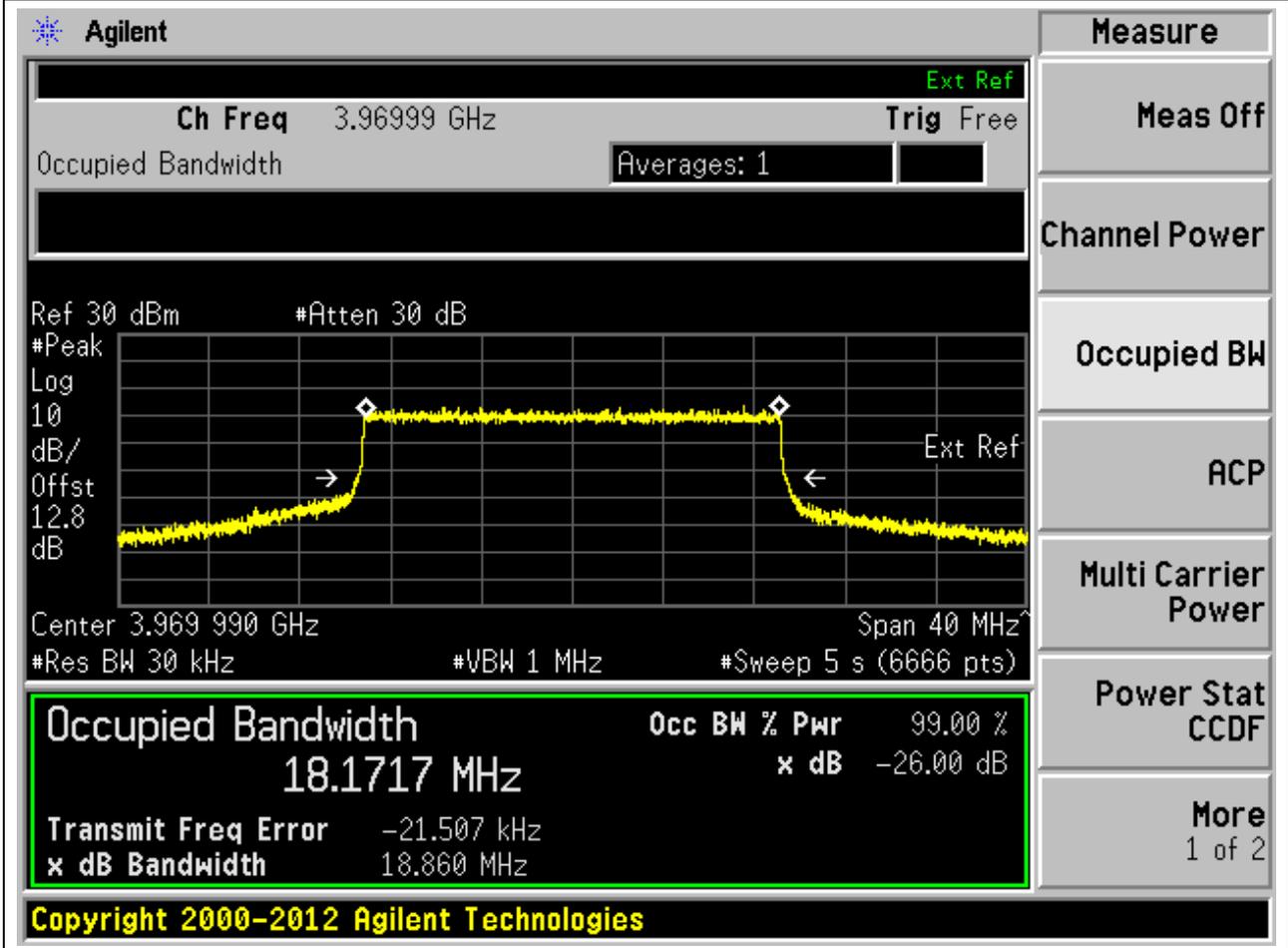
**4.5. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:656000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:51, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 3840                   | 99            | 26            | 0.03      | Peak     | 18.16     | 18.86               | 20                | Pass    |



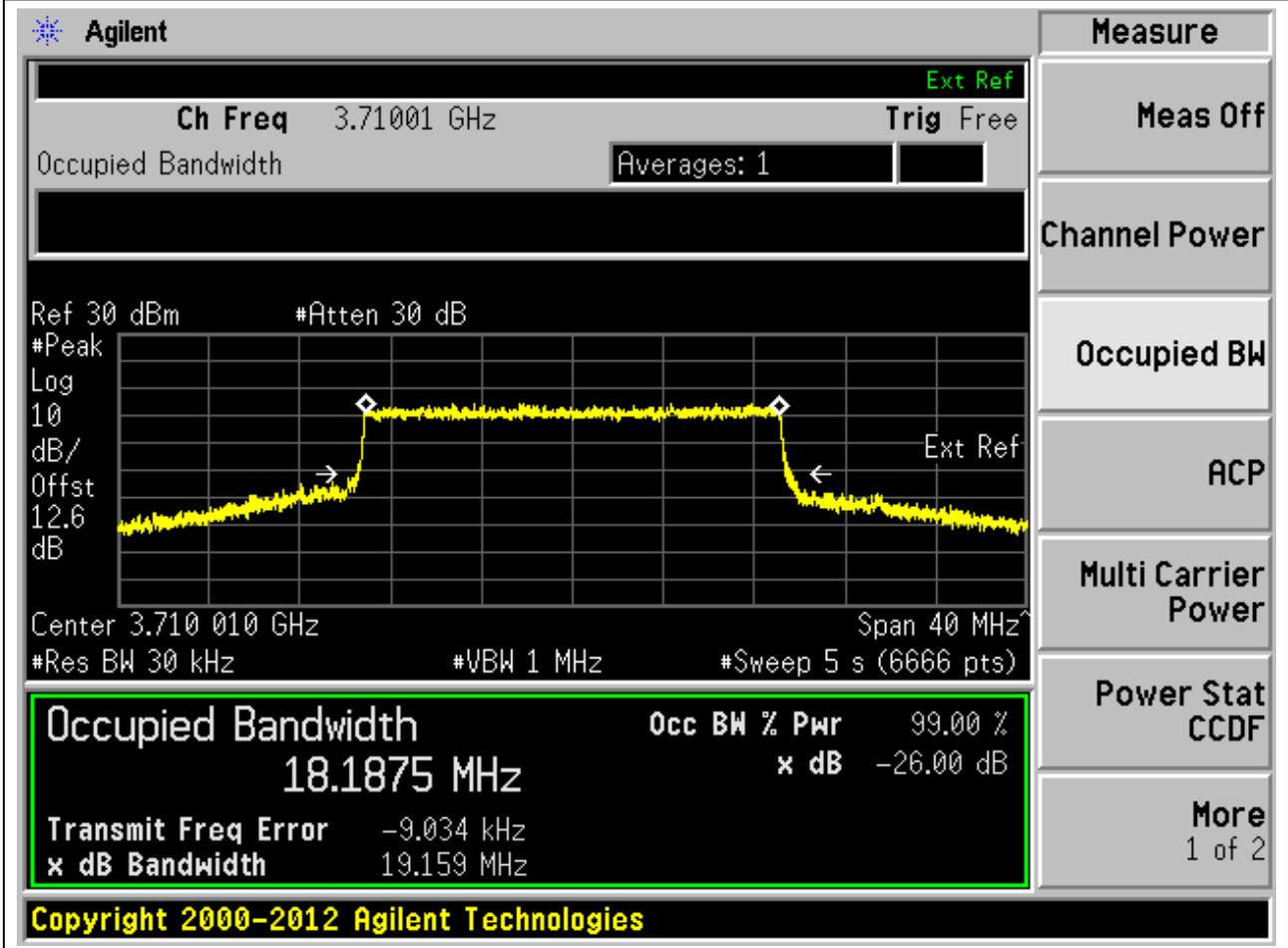
**4.6. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:664666, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:51, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 3969.99                | 99            | 26            | 0.03      | Peak     | 18.17     | 18.86               | 20                | Pass    |



**4.7. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:647334, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:51, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 3710.01                | 99            | 26            | 0.03      | Peak     | 18.19     | 19.16               | 20                | Pass    |



**4.8. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:656000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:51, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 3840                   | 99            | 26            | 0.03      | Peak     | 18.19     | 18.94               | 20                | Pass    |

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 3.84 GHz, and the span is 40 MHz. The occupied bandwidth is measured as 18.1880 MHz. The power is 99.00% and the XdB bandwidth is 18.943 MHz. The XdB down is -26.00 dB. The transmit frequency error is -8.162 kHz. The interface also shows various settings like Res BW (30 kHz), VBW (1 MHz), and Sweep (5 s). A 'Measure' panel on the right lists various measurement options, with 'Occupied BW' selected. The bottom of the screen shows the copyright notice: Copyright 2000-2012 Agilent Technologies.

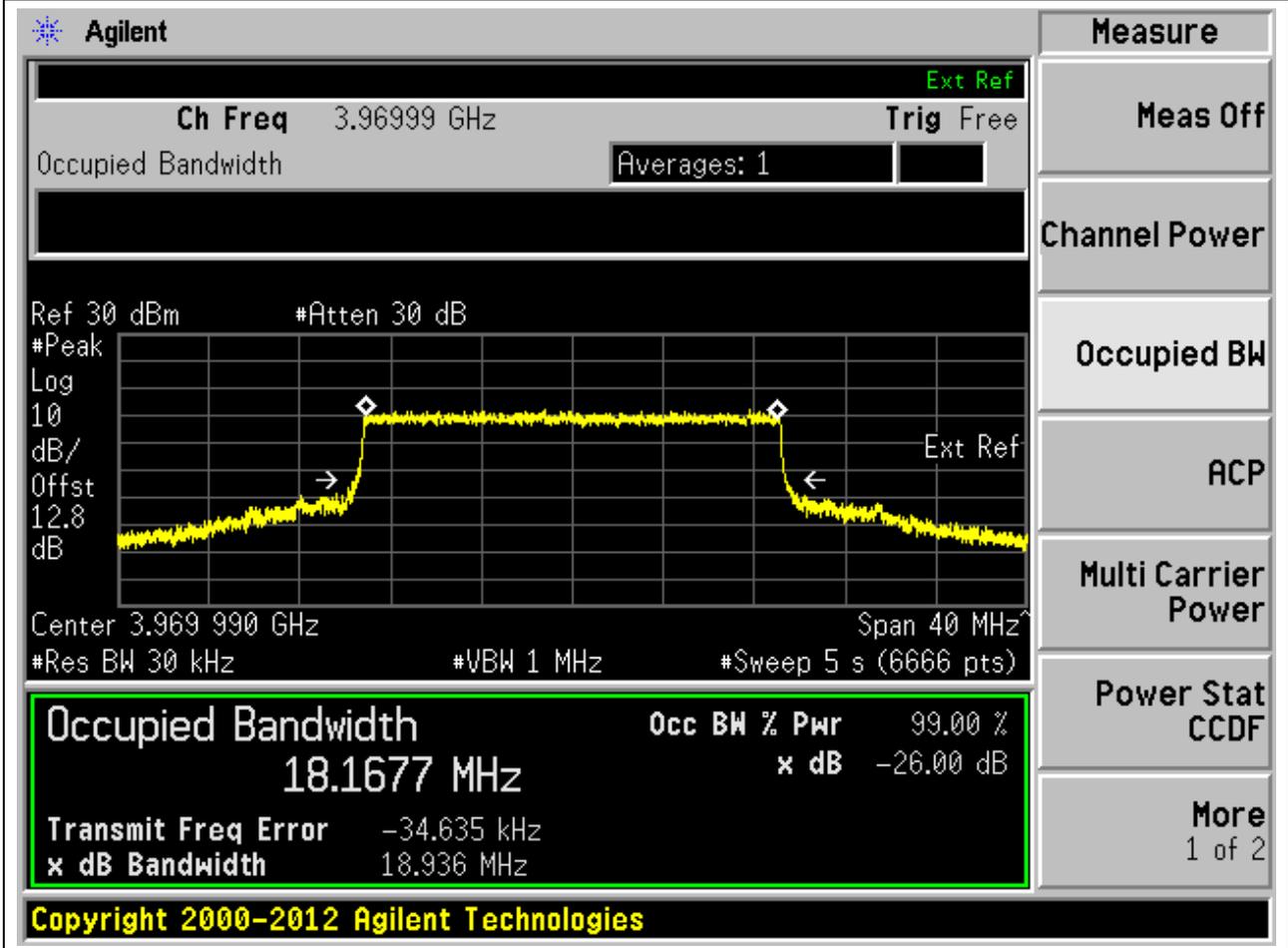
| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 18.1880 MHz        | 99.00 %      | -26.00 dB |

Transmit Freq Error: -8.162 kHz  
x dB Bandwidth: 18.943 MHz

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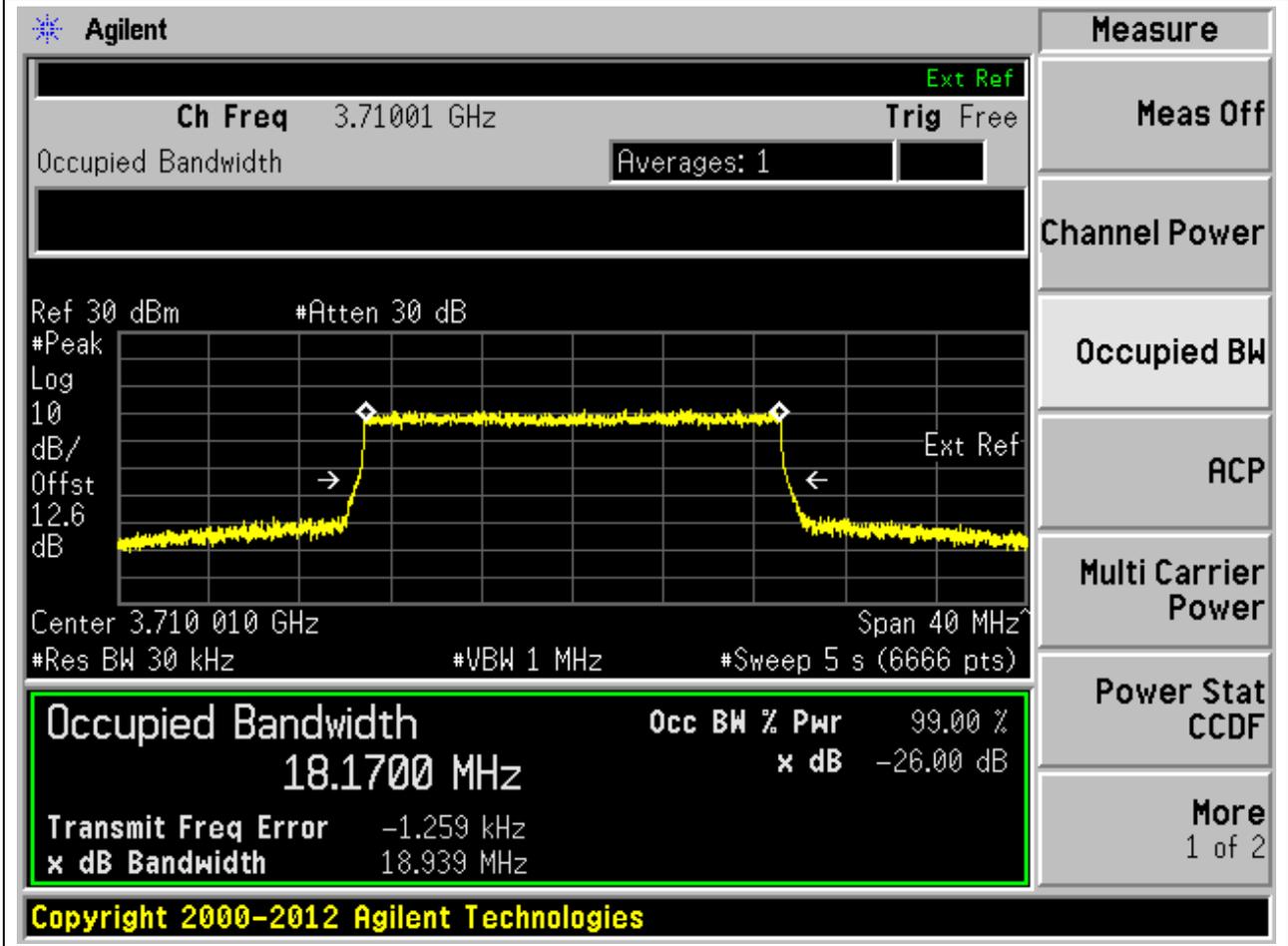
**4.9. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:664666, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:51, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 3969.99                | 99            | 26            | 0.03      | Peak     | 18.17     | 18.94               | 20                | Pass    |



**4.10. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:647334, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:51, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 3710.01                | 99            | 26            | 0.03      | Peak     | 18.17     | 18.94               | 20                | Pass    |



**4.11. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:656000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:51, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 3840                   | 99            | 26            | 0.03      | Peak     | 18.15     | 18.75               | 20                | Pass    |

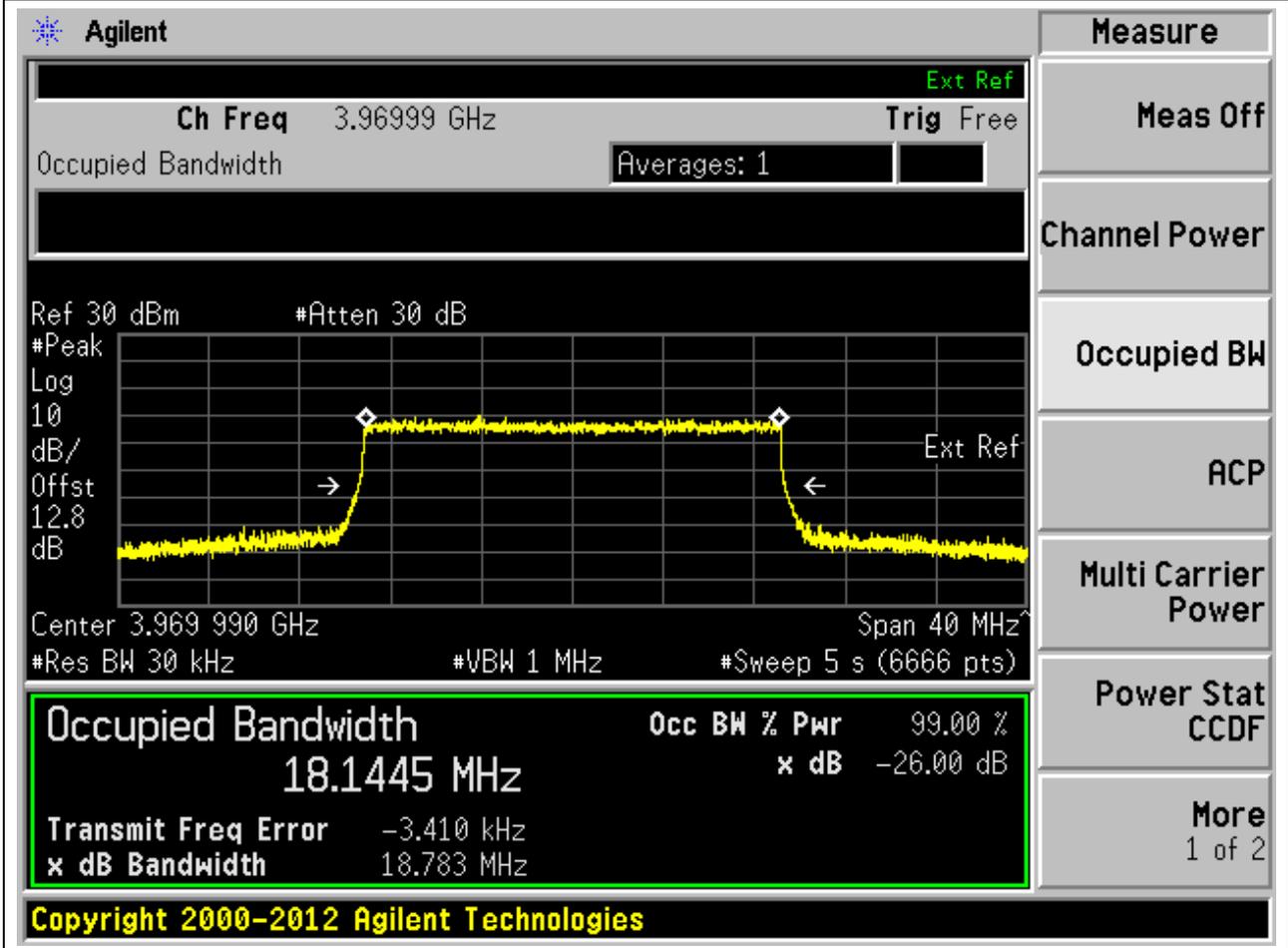
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 3.84 GHz, and the span is 40 MHz. The occupied bandwidth is highlighted in a green box, showing 18.1528 MHz. The power is 99.00% and the XdB bandwidth is -26.00 dB. The interface also shows various measurement parameters like Res BW, VBW, and Sweep time.

| Occupied Bandwidth | Occ BW % Pwr | x dB      |
|--------------------|--------------|-----------|
| 18.1528 MHz        | 99.00 %      | -26.00 dB |

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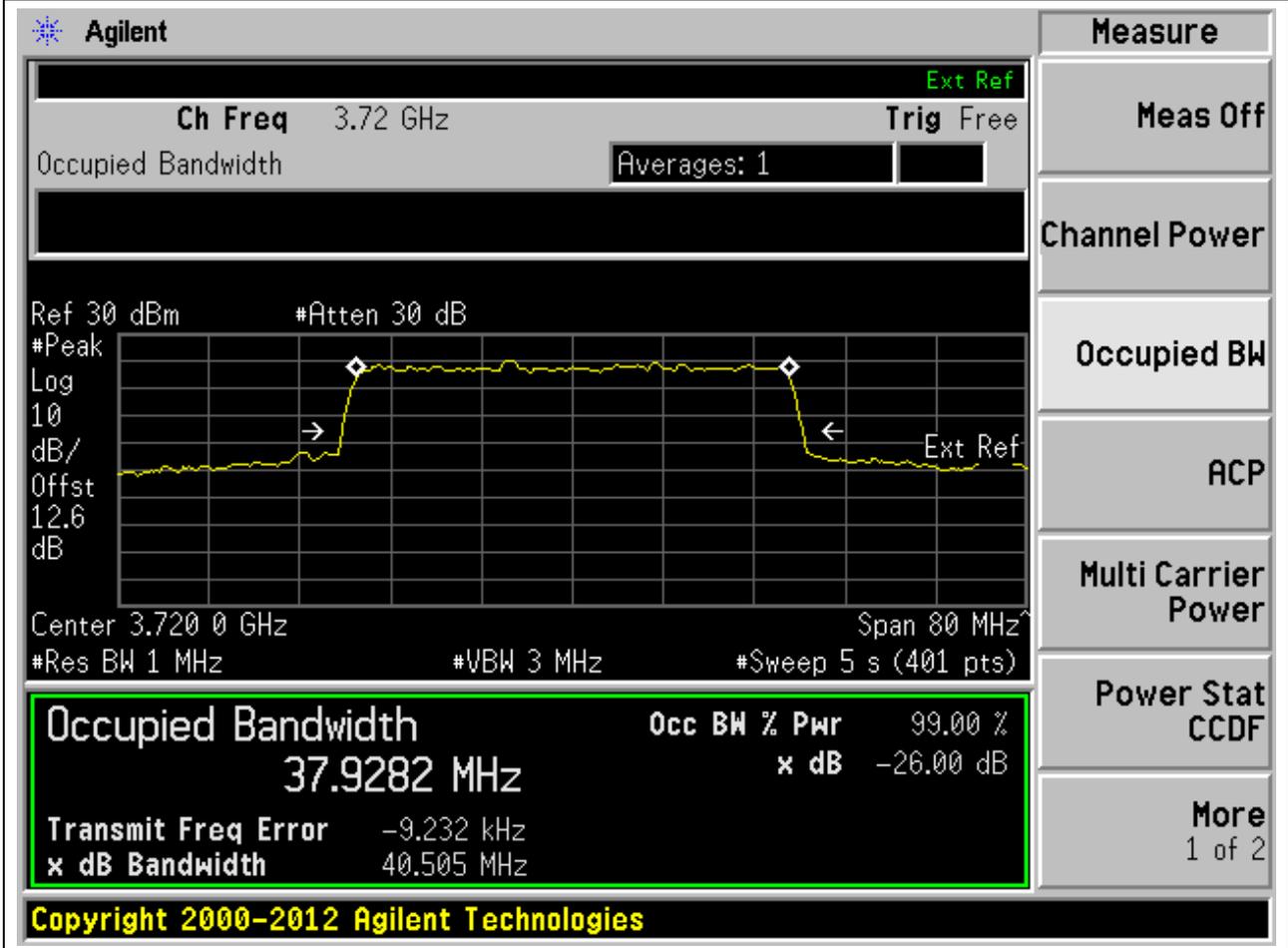
**4.12. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:664666, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:51, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 3969.99                | 99            | 26            | 0.03      | Peak     | 18.14     | 18.78               | 20                | Pass    |



**4.13. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:648000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 3720                   | 99            | 26            | 1         | Peak     | 37.93     | 40.51               | 40                | Pass    |



**4.14. Occupied Bandwidth for SA\_Part22-24-27(NTNV)(Channel:656000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

| Center Frequency (MHz) | OBW Power (%) | XdB Down (dB) | RBW (MHz) | Detector | OBW (MHz) | XdB Bandwidth (MHz) | Upper Limit (MHz) | Verdict |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 3840                   | 99            | 26            | 1         | Peak     | 37.99     | 40.44               | 40                | Pass    |

