

30.30. Occupied Bandwidth for SA(NTNV)(Channel:650332, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 3754.98 | 99 | 26 | 1 | Peak | 87.2 | 90.91 | 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 3.75498 GHz. The occupied bandwidth is highlighted as 87.2019 MHz. The power level is 99.00% and the XdB down is -26.00 dB. The plot also shows a reference level at 30 dBm and an attenuation of 30 dB. The span is 180 MHz and the resolution bandwidth is 1 MHz. The sweep time is 1 second with 900 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 information: 'Copyright 2000-2012 Agilent Technologies'.

| Occupied Bandwidth | Occ BW % Pwr | x dB |
|--------------------|--------------|-----------|
| 87.2019 MHz | 99.00 % | -26.00 dB |

Transmit Freq Error: -37.716 kHz
 x dB Bandwidth: 90.907 MHz

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30.31. Occupied Bandwidth for SA(NTNV)(Channel:650000, 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 |
|------------------------|---------------|---------------|-----------|----------|-----------|---------------------|-------------------|---------|
| 3750 | 99 | 26 | 1 | Peak | 96.92 | 100.59 | 100 | Pass |

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 3.75 GHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow trace. The plot is labeled with 'Ref 30 dBm', '#Atten 30 dB', and 'Ext Ref'. The plot shows a signal with a flat top and sloping sides, characteristic of a channel with occupied bandwidth. The plot parameters are: Center 3.750 00 GHz, Span 200 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 1 s (1000 pts). Below the plot, a summary box shows the following measurements:

| | | |
|----------------------------|---------------------|-------------|
| Occupied Bandwidth | Occ BW % Pwr | 99.00 % |
| 96.9218 MHz | x dB | -26.00 dB |
| Transmit Freq Error | | 60.974 kHz |
| x dB Bandwidth | | 100.588 MHz |

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

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