

3.39. Occupied Bandwidth for SA_Part22-24-27(Channel:664000, 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
3960	99	26	1	Peak	38.28	41.17	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 3.96 GHz, and the span is 80 MHz. The occupied bandwidth is highlighted as 38.2821 MHz. The power level is 99.00% and the XdB down 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 information: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
38.2821 MHz	x dB	-26.00 dB
Transmit Freq Error	-4.202 kHz	
x dB Bandwidth	41.168 MHz	

3.40. Occupied Bandwidth for SA_Part22-24-27(Channel:648000, 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
3720	99	26	1	Peak	38.08	41.14	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a peak at 3.72 GHz. The 'Occupied Bandwidth' measurement is highlighted in a green box, showing a value of 38.0781 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. Other parameters shown include Transmit Freq Error of -50.543 kHz and x dB Bandwidth of 41.138 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'.

3.41. Occupied Bandwidth for SA_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	38.07	41.1	40	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 'Log 10 dB/Offst 12.8 dB' and the x-axis is 'Center 3.840 0 GHz'. The plot shows a signal with a peak at 38.0742 MHz. The 'Occupied Bandwidth' is highlighted in a green box with the following values:

Occupied Bandwidth	Occ BW % Pwr	99.00 %
38.0742 MHz	x dB	-26.00 dB
Transmit Freq Error		-98.062 kHz
x dB Bandwidth		41.104 MHz

Other parameters visible in the interface include: Ch Freq 3.84 GHz, Trig Free, Averages: 1, Res BW 1 MHz, VBW 3 MHz, Sweep 5 s (401 pts), Span 80 MHz, and Ref 30 dBm. 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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3.42. Occupied Bandwidth for SA_Part22-24-27(Channel:664000, 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
3960	99	26	1	Peak	38.17	40.9	40	Pass

Agilent
Measure

Ch Freq 3.96 GHz Trig Free

Occupied Bandwidth Averages: 1

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

38.1705 MHz

Transmit Freq Error -83.362 kHz

x dB Bandwidth 40.898 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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3.43. Occupied Bandwidth for SA_Part22-24-27(Channel:648000, 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
3720	99	26	1	Peak	38.09	41.11	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 3.720 GHz, and the span is 80 MHz. The resolution bandwidth (RBW) is 1 MHz, and the video bandwidth (VBW) is 3 MHz. The sweep time is 5 seconds (401 points). The occupied bandwidth is measured as 38.0935 MHz, which is 99.00% of the 40 MHz channel bandwidth. The power level is -26.00 dB. The transmit frequency error is -58.808 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 information: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
38.0935 MHz	x dB	-26.00 dB
Transmit Freq Error	-58.808 kHz	
x dB Bandwidth	41.110 MHz	

3.44. Occupied Bandwidth for SA_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	38.08	41.07	40	Pass

Agilent

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

Ch Freq 3.84 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.840 0 GHz Span 80 MHz
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
38.0752 MHz	x dB -26.00 dB
Transmit Freq Error	-104.812 kHz
x dB Bandwidth	41.066 MHz

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3.45. Occupied Bandwidth for SA_Part22-24-27(Channel:664000, 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
3960	99	26	1	Peak	38.16	41.2	40	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 'Log dB/Offst' with values 10, 13.2, and dB. The x-axis is labeled 'Center' with a value of 3.960 0 GHz and 'Span' with a value of 80 MHz. The plot shows a signal with a peak at approximately 3.96 GHz. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen, showing a value of 38.1563 MHz. The 'Occ BW % Pwr' is 99.00 % and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -100.631 kHz and the 'x dB Bandwidth' is 41.197 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Occupied Bandwidth	Occ BW % Pwr	x dB
38.1563 MHz	99.00 %	-26.00 dB

3.46. Occupied Bandwidth for SA_Part22-24-27(Channel:648000, 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
3720	99	26	1	Peak	38.03	41.12	40	Pass

Agilent
Measure

Ch Freq 3.72 GHz Ext Ref

Occupied Bandwidth Trig Free

Averages: 1

#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

38.0298 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 15.372 kHz

x dB Bandwidth 41.119 MHz

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3.47. Occupied Bandwidth for SA_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	38.04	41	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 3.84 GHz. The main display shows a spectrum plot with a yellow trace. The plot parameters include: Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst, 12.8 dB, Center 3.840 0 GHz, Span 80 MHz, #Res BW 1 MHz, #VBW 3 MHz, and #Sweep 5 s (401 pts). The plot shows a signal with a flat top and sloped sides, with two diamond markers indicating the measurement points. The 'Ext Ref' label is visible on the right side of the plot.

Below the plot, the measurement results are displayed in a green-bordered box:

Occupied Bandwidth	Occ BW % Pwr	99.00 %
38.0405 MHz	x dB	-26.00 dB
Transmit Freq Error		-31.880 kHz
x dB Bandwidth		41.001 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).

At the bottom of the screenshot, the copyright notice reads: Copyright 2000-2012 Agilent Technologies.

3.48. Occupied Bandwidth for SA_Part22-24-27(Channel:664000, 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
3960	99	26	1	Peak	38.1	41.08	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	38.1035 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-39.018 kHz
x dB Bandwidth	41.078 MHz

Additional parameters shown in the interface include: Ch Freq 3.96 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst 13.2 dB, Center 3.960 0 GHz, Span 80 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

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3.49. Occupied Bandwidth for SA_Part22-24-27(Channel:648334, 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
3725.01	99	26	1	Peak	47.63	50.89	50	Pass

Agilent
Measure

Ch Freq 3.72501 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.725 01 GHz Span 100 MHz
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %
47.6332 MHz x dB -26.00 dB

Transmit Freq Error 25.433 kHz
x dB Bandwidth 50.894 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

3.50. Occupied Bandwidth for SA_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	47.7	50.78	50	Pass

Agilent
Measure

Ch Freq 3.84 GHz Trig Free

Occupied Bandwidth Averages: 1

Center 3.840 00 GHz Span 100 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (500 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

47.7027 MHz

Transmit Freq Error -14.181 kHz

x dB Bandwidth 50.779 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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3.51. Occupied Bandwidth for SA_Part22-24-27(Channel:663666, 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
3954.99	99	26	1	Peak	47.65	50.8	50	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal trace with a peak level of approximately -26 dB. The measurement results are summarized in the following table:

Measurement	Value
Occupied Bandwidth	47.6500 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	20.253 kHz
x dB Bandwidth	50.801 MHz

Additional parameters shown in the interface include: Ch Freq 3.95499 GHz, Res BW 1 MHz, VBW 3 MHz, Span 100 MHz, Sweep 5 s (500 pts), and a copyright notice for Agilent Technologies (2000-2012).

3.52. Occupied Bandwidth for SA_Part22-24-27(Channel:648334, 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
3725.01	99	26	1	Peak	47.51	50.56	50	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal trace with a peak at 3.72501 GHz. The Occupied Bandwidth is measured as 47.5067 MHz, which is 99.00% of the 50 MHz channel bandwidth. The XdB Down is -26.00 dB. The interface also shows the channel frequency, span, resolution bandwidth, and various measurement settings.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
47.5067 MHz	x dB	-26.00 dB
Transmit Freq Error	-44.663 kHz	
x dB Bandwidth	50.556 MHz	

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3.53. Occupied Bandwidth for SA_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	47.53	50.82	50	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 'Log 10 dB/Offst 12.8 dB' and the x-axis is 'Center 3.840 00 GHz'. The plot shows a signal with a peak at approximately 3.84 GHz. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen, showing a value of 47.5350 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -84.347 kHz and the 'x dB Bandwidth' is 50.817 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Occupied Bandwidth	Occ BW % Pwr	x dB
47.5350 MHz	99.00 %	-26.00 dB

3.54. Occupied Bandwidth for SA_Part22-24-27(Channel:663666, 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
3954.99	99	26	1	Peak	47.5	50.7	50	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a peak at 3.95499 GHz. The Occupied Bandwidth is measured as 47.5028 MHz, which is 99.00% of the 50 MHz channel bandwidth. The XdB Down is -26.00 dB. The interface includes various control 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 information: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	x dB
47.5028 MHz	99.00 %	-26.00 dB

Additional parameters shown in the screenshot:

- Center: 3.954 99 GHz
- Span: 100 MHz
- #Res BW: 1 MHz
- #VBW: 3 MHz
- #Sweep: 5 s (500 pts)
- Ref: 30 dBm
- #Atten: 30 dB
- Log: 10 dB/Offst
- 13.1 dB
- Transmit Freq Error: -35.698 kHz
- x dB Bandwidth: 50.697 MHz

3.55. Occupied Bandwidth for SA_Part22-24-27(Channel:648334, 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
3725.01	99	26	1	Peak	47.61	50.85	50	Pass

Agilent
Measure

Ch Freq 3.72501 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.725 01 GHz Span 100 MHz
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
47.6061 MHz	x dB -26.00 dB
Transmit Freq Error	-37.250 kHz
x dB Bandwidth	50.850 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

3.56. Occupied Bandwidth for SA_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	47.65	50.69	50	Pass

Agilent
Measure

Ch Freq 3.84 GHz Trig Free

Occupied Bandwidth Averages: 1

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

47.6452 MHz

Transmit Freq Error -85.944 kHz

x dB Bandwidth 50.690 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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3.57. Occupied Bandwidth for SA_Part22-24-27(Channel:663666, 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
3954.99	99	26	1	Peak	47.64	53.5	50	Pass

Agilent

Measure

Ch Freq 3.95499 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
10

dB/
Offst

13.1
dB

Center 3.954 99 GHz
Span 100 MHz

#Res BW 1 MHz
#VBW 3 MHz
#Sweep 5 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
47.6434 MHz	x dB -26.00 dB
Transmit Freq Error	-28.333 kHz
x dB Bandwidth	53.498 MHz

Power Stat
CCDF

More
1 of 2

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3.58. Occupied Bandwidth for SA_Part22-24-27(Channel:648334, 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
3725.01	99	26	1	Peak	47.65	50.57	50	Pass

Agilent

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

Ch Freq 3.72501 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.2

dB

Center 3.725 01 GHz Span 100 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

47.6472 MHz x dB -26.00 dB

Transmit Freq Error 34.271 kHz

x dB Bandwidth 50.573 MHz

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3.59. Occupied Bandwidth for SA_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	47.66	50.73	50	Pass

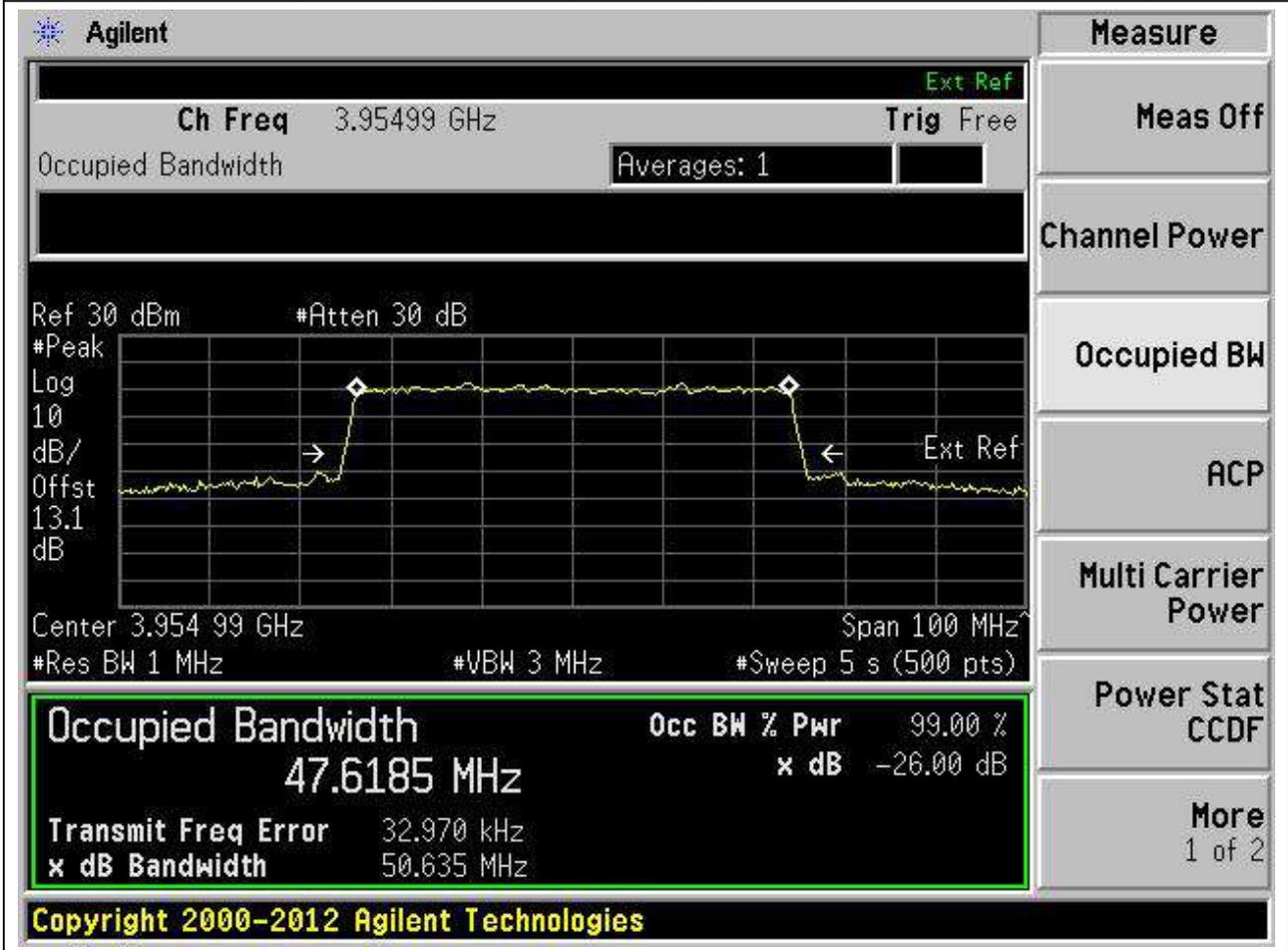
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 3.84 GHz and a span of 100 MHz. The y-axis is labeled 'Log 10 dB/Offst 12.8 dB'. The plot shows a signal with a peak level of approximately -26 dB. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 47.6600 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -17.690 kHz and the 'x dB Bandwidth' is 50.732 MHz. The interface also shows various measurement controls and a 'Measure' menu on the right side.

Occupied Bandwidth	Occ BW % Pwr	x dB
47.6600 MHz	99.00 %	-26.00 dB

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3.60. Occupied Bandwidth for SA_Part22-24-27(Channel:663666, 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
3954.99	99	26	1	Peak	47.62	50.64	50	Pass



3.61. Occupied Bandwidth for SA_Part22-24-27(Channel:648668, 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
3730.02	99	26	1	Peak	57.86	61.29	60	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 3.73002 GHz, and the span is 120 MHz. The occupied bandwidth is measured as 57.8605 MHz, which is 99.00% of the channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is 39.570 kHz, and the XdB bandwidth is 61.288 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	99.00 %
57.8605 MHz	x dB	-26.00 dB
Transmit Freq Error	39.570 kHz	
x dB Bandwidth	61.288 MHz	

3.62. Occupied Bandwidth for SA_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	57.87	61.26	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 results are as follows:

Measurement	Value
Occupied Bandwidth	57.8731 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-25.871 kHz
x dB Bandwidth	61.261 MHz

Additional parameters shown in the interface include: Ch Freq 3.84 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst, 12.8 dB, Center 3.840 00 GHz, Span 120 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (600 pts).

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3.63. Occupied Bandwidth for SA_Part22-24-27(Channel:663332, 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
3949.98	99	26	1	Peak	57.93	61.27	60	Pass

Agilent
Measure

Ch Freq 3.94998 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Peak Log 10 dB/Offst 13.1 dB

Center 3.949 98 GHz Span 120 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

57.9301 MHz

Transmit Freq Error 13.386 kHz

x dB Bandwidth 61.274 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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3.64. Occupied Bandwidth for SA_Part22-24-27(Channel:648668, 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
3730.02	99	26	1	Peak	57.98	61.07	60	Pass

Agilent
Measure

Ch Freq 3.73002 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.730 02 GHz Span 120 MHz
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (600 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
57.9824 MHz	x dB -26.00 dB
Transmit Freq Error	-15.995 kHz
x dB Bandwidth	61.067 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

3.65. Occupied Bandwidth for SA_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	57.99	60.96	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 results are as follows:

Measurement	Value
Occupied Bandwidth	57.9887 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-65.098 kHz
x dB Bandwidth	60.963 MHz

Additional parameters shown in the interface include: Ch Freq 3.84 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, Center 3.840 00 GHz, Span 120 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (600 pts).

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3.66. Occupied Bandwidth for SA_Part22-24-27(Channel:663332, 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
3949.98	99	26	1	Peak	58.07	61.4	60	Pass

Agilent
Measure

Ch Freq 3.94998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.949 98 GHz Span 120 MHz
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (600 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
58.0706 MHz	x dB -26.00 dB
Transmit Freq Error -34.958 kHz	
x dB Bandwidth 61.396 MHz	

More
1 of 2

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3.67. Occupied Bandwidth for SA_Part22-24-27(Channel:648668, 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
3730.02	99	26	1	Peak	57.82	61.04	60	Pass

Agilent
Measure

Ch Freq 3.73002 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.730 02 GHz Span 120 MHz
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (600 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
57.8239 MHz	x dB -26.00 dB
Transmit Freq Error 1.330 kHz	
x dB Bandwidth 61.038 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

3.68. Occupied Bandwidth for SA_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	57.81	60.96	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 results are as follows:

Measurement	Value
Occupied Bandwidth	57.8125 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-48.330 kHz
x dB Bandwidth	60.959 MHz

Other visible parameters include: Ch Freq 3.84 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst, 12.8 dB, Center 3.840 00 GHz, Span 120 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (600 pts).

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3.69. Occupied Bandwidth for SA_Part22-24-27(Channel:663332, 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
3949.98	99	26	1	Peak	57.89	61.09	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 results are as follows:

Measurement	Value
Occupied Bandwidth	57.8926 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-14.289 kHz
x dB Bandwidth	61.088 MHz

Other visible parameters include: Ch Freq 3.94998 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst 13.1 dB, Center 3.949 98 GHz, Span 120 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (600 pts).

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3.70. Occupied Bandwidth for SA_Part22-24-27(Channel:648668, 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
3730.02	99	26	1	Peak	57.82	61.04	60	Pass

Agilent
Measure

Ch Freq 3.73002 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.730 02 GHz Span 120 MHz
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (600 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
57.8217 MHz	x dB -26.00 dB
Transmit Freq Error 4.996 kHz	
x dB Bandwidth 61.038 MHz	

More
1 of 2

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3.71. Occupied Bandwidth for SA_Part22-24-27(Channel:656000, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:162, RB Position:0)

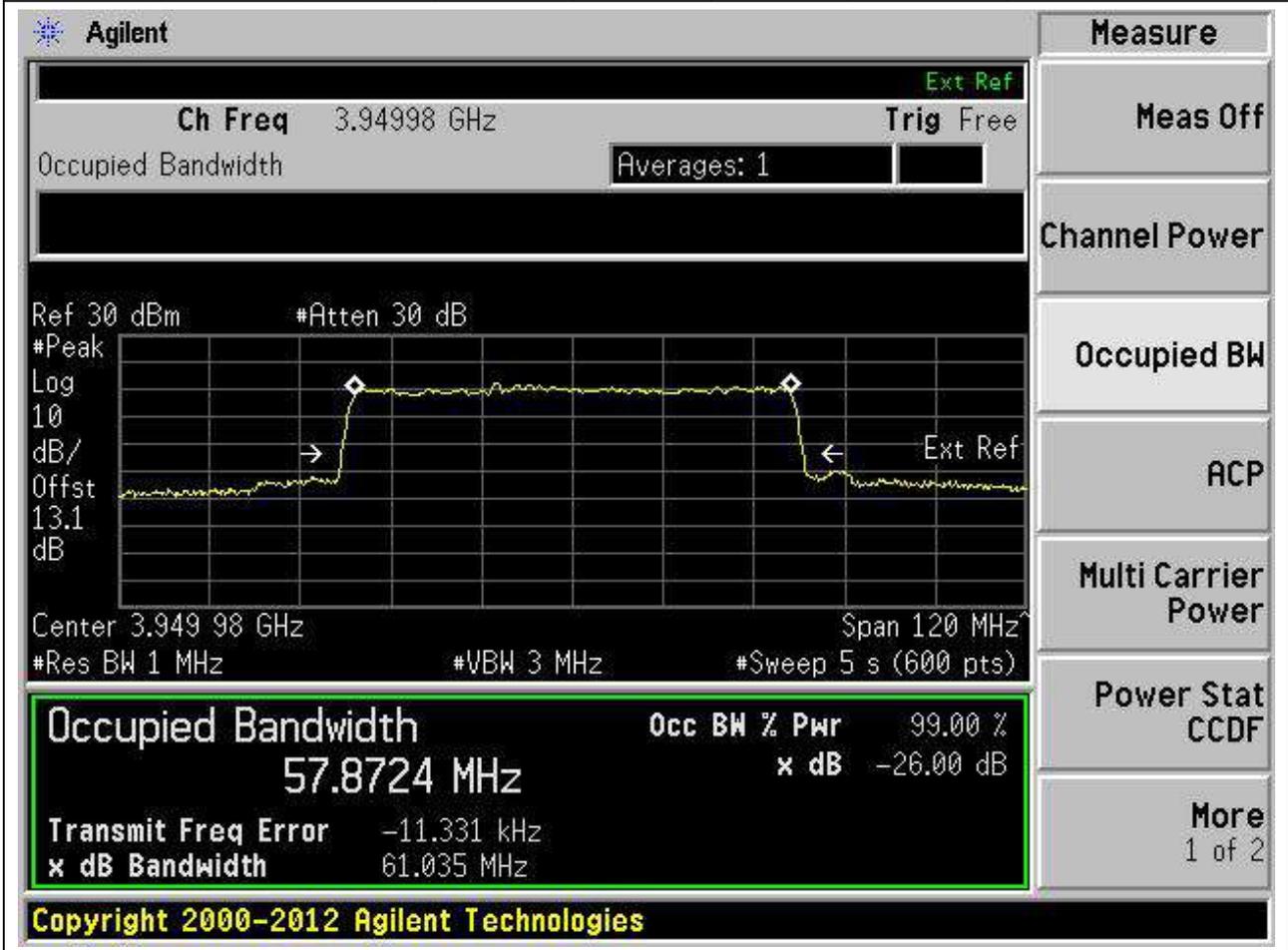
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	1	Peak	57.82	61.09	60	Pass

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 120 MHz. The occupied bandwidth is highlighted as 57.8203 MHz. The power level is 99.00% and the XdB down is -26.00 dB. The interface includes various control buttons on the right side, such as 'Measure', '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	99.00 %
57.8203 MHz	x dB	-26.00 dB
Transmit Freq Error		-47.709 kHz
x dB Bandwidth		61.090 MHz

3.72. Occupied Bandwidth for SA_Part22-24-27(Channel:663332, 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
3949.98	99	26	1	Peak	57.87	61.04	60	Pass



3.25. Occupied Bandwidth for SA_Part22-24-27(Channel:649000, 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
3735	99	26	1	Peak	67.65	70.95	70	Pass

Agilent

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

Ch Freq 3.735 GHz
Ext Ref

Occupied Bandwidth
Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
Span 140 MHz

10
#Res BW 1 MHz

dB/
#VBW 3 MHz

Offst
#Sweep 5 s (700 pts)

12.3

dB

Occupied Bandwidth

67.6527 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 22.186 kHz

x dB Bandwidth 70.953 MHz

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3.26. Occupied Bandwidth for SA_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	67.55	70.88	70	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 3.84 GHz and a span of 140 MHz. The y-axis is labeled 'Log 10 dB/Offst 12.8 dB'. The plot shows a signal with a peak level of approximately -26 dB. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 67.5489 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -26.930 kHz and the 'x dB Bandwidth' is 70.880 MHz. The interface also shows various measurement buttons on the right side, including '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'.

3.27. Occupied Bandwidth for SA_Part22-24-27(Channel:663000, 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
3945	99	26	1	Peak	67.66	70.88	70	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 3.945 GHz, and the span is 140 MHz. The occupied bandwidth is highlighted in green, showing a value of 67.6619 MHz. The power level is 99.00% and the XdB down is -26.00 dB. The interface includes various measurement controls and a list of measurement options on the right side.

Occupied Bandwidth		Occ BW % Pwr	99.00 %
67.6619 MHz		x dB	-26.00 dB
Transmit Freq Error	5.029 kHz		
x dB Bandwidth	70.881 MHz		

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3.28. Occupied Bandwidth for SA_Part22-24-27(Channel:649000, 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
3735	99	26	1	Peak	67.5	70.86	70	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 3.735 GHz and a span of 140 MHz. The y-axis is labeled 'Log 10 dB/Offst 12.3 dB'. The plot shows a signal with a peak at approximately 3.735 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 67.4984 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -33.413 kHz and the 'x dB Bandwidth' is 70.862 MHz. The 'Averages' are set to 1. The 'Meas Off' button is visible on the right side of the interface.

Occupied Bandwidth	Occ BW % Pwr	x dB
67.4984 MHz	99.00 %	-26.00 dB

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3.29. Occupied Bandwidth for SA_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	67.39	70.76	70	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 'Log 10 dB/Offst 12.8 dB' and the x-axis is 'Center 3.840 00 GHz'. The plot shows a signal with a peak at approximately 3.84 GHz. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen, showing a value of 67.3944 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -96.281 kHz and the 'x dB Bandwidth' is 70.758 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Occupied Bandwidth	Occ BW % Pwr	x dB
67.3944 MHz	99.00 %	-26.00 dB

Transmit Freq Error: -96.281 kHz
x dB Bandwidth: 70.758 MHz

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3.30. Occupied Bandwidth for SA_Part22-24-27(Channel:663000, 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
3945	99	26	1	Peak	67.53	70.81	70	Pass

Agilent

Measure

Ch Freq 3.945 GHz
Ext Ref

Occupied Bandwidth
Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Trig Free

Log
Ext Ref

10

dB/

Offst

13

dB

Center 3.945 00 GHz
Span 140 MHz

#Res BW 1 MHz
#VBW 3 MHz
#Sweep 5 s (700 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
67.5254 MHz	x dB -26.00 dB
Transmit Freq Error	-43.387 kHz
x dB Bandwidth	70.808 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More

1 of 2

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3.31. Occupied Bandwidth for SA_Part22-24-27(Channel:649000, 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
3735	99	26	1	Peak	67.54	70.85	70	Pass

Agilent

Measure

Ch Freq 3.735 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
10

dB/
Offst

12.3
dB

Center 3.735 00 GHz
Span 140 MHz

#Res BW 1 MHz
#VBW 3 MHz
#Sweep 5 s (700 pts)

Occupied Bandwidth

67.5439 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 35.899 kHz

x dB Bandwidth 70.850 MHz

Power Stat CCDF
More 1 of 2

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3.32. Occupied Bandwidth for SA_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	67.46	70.77	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 3.84 GHz, and the span is 140 MHz. The occupied bandwidth is measured as 67.4600 MHz. The power is 99.00% and the XdB down is -26.00 dB. The RBW is 1 MHz and the VBW is 3 MHz. The sweep time is 5 seconds (700 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	99.00 %
67.4600 MHz	x dB	-26.00 dB
Transmit Freq Error	-5.427 kHz	
x dB Bandwidth	70.773 MHz	

3.33. Occupied Bandwidth for SA_Part22-24-27(Channel:663000, 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
3945	99	26	1	Peak	67.57	70.83	70	Pass

Agilent
Measure

Ch Freq 3.945 GHz Ext Ref

Occupied Bandwidth Trig Free

Averages: 1

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Ref 30 dBm #Atten 30 dB

Center 3.945 00 GHz Span 140 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (700 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

67.5670 MHz x dB -26.00 dB

Transmit Freq Error 21.079 kHz

x dB Bandwidth 70.826 MHz

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3.34. Occupied Bandwidth for SA_Part22-24-27(Channel:649000, 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
3735	99	26	1	Peak	67.44	71.02	70	Pass

Agilent
Measure

Ch Freq 3.735 GHz Ext Ref

Occupied Bandwidth Trig Free

Averages: 1

Occupied Bandwidth Occ BW % Pwr 99.00 %

67.4409 MHz x dB -26.00 dB

Transmit Freq Error 25.687 kHz

x dB Bandwidth 71.023 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

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3.35. Occupied Bandwidth for SA_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	67.31	70.86	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	67.3072 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-43.740 kHz
x dB Bandwidth	70.860 MHz

Other visible parameters include: Ch Freq 3.84 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, Center 3.840 00 GHz, Span 140 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (700 pts).

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3.36. Occupied Bandwidth for SA_Part22-24-27(Channel:663000, 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
3945	99	26	1	Peak	67.42	70.72	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	67.4222 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	19.861 kHz
x dB Bandwidth	70.721 MHz

Additional parameters shown in the interface include: Ch Freq 3.945 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst, 13 dB, Center 3.945 00 GHz, Span 140 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (700 pts).

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3.73. Occupied Bandwidth for SA_Part22-24-27(Channel:649334, 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
3740.01	99	26	1	Peak	77.49	80.78	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 measurement results are as follows:

Measurement	Value
Occupied Bandwidth	77.4857 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-31.882 kHz
x dB Bandwidth	80.784 MHz

Other visible parameters include: Ch Freq 3.74001 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst 12.4 dB, Center 3.740 01 GHz, Span 160 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (800 pts).

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3.74. Occupied Bandwidth for SA_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	77.37	80.85	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	77.3704 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-34.063 kHz
x dB Bandwidth	80.852 MHz

Additional parameters shown in the interface include: Ch Freq 3.84 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst, 12.8 dB, Center 3.840 00 GHz, Span 160 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (800 pts).

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3.75. Occupied Bandwidth for SA_Part22-24-27(Channel:662666, 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
3939.99	99	26	1	Peak	77.48	80.64	80	Pass

Agilent
Measure

Ch Freq 3.93999 GHz Ext Ref

Occupied Bandwidth Trig Free

Averages: 1

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Ref 30 dBm #Atten 30 dB

Center 3.939 99 GHz Span 160 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (800 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

77.4826 MHz x dB -26.00 dB

Transmit Freq Error 20.324 kHz

x dB Bandwidth 80.640 MHz

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3.76. Occupied Bandwidth for SA_Part22-24-27(Channel:649334, 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
3740.01	99	26	1	Peak	77.63	81.03	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	77.6264 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-49.648 kHz
x dB Bandwidth	81.026 MHz

Other visible parameters include: Ch Freq 3.74001 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst 12.4 dB, Center 3.740 01 GHz, Span 160 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (800 pts).

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3.77. Occupied Bandwidth for SA_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	77.51	80.97	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	77.5102 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-68.198 kHz
x dB Bandwidth	80.974 MHz

Additional parameters shown in the interface include: Ch Freq 3.84 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst 12.8 dB, Center 3.840 00 GHz, Span 160 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (800 pts).

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3.78. Occupied Bandwidth for SA_Part22-24-27(Channel:662666, 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
3939.99	99	26	1	Peak	77.64	81.07	80	Pass

Agilent

Measure
 Meas Off
 Channel Power
 Occupied BW
 ACP
 Multi Carrier Power
 Power Stat CCDF
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Ch Freq 3.93999 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.939 99 GHz Span 160 MHz
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (800 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
77.6381 MHz	x dB	-26.00 dB
Transmit Freq Error	-30.207 kHz	
x dB Bandwidth	81.072 MHz	

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3.79. Occupied Bandwidth for SA_Part22-24-27(Channel:649334, 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
3740.01	99	26	1	Peak	77.37	80.97	80	Pass

Agilent
Measure

Ch Freq 3.74001 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.740 01 GHz Span 160 MHz
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (800 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
77.3736 MHz	x dB -26.00 dB
Transmit Freq Error 62.265 kHz	
x dB Bandwidth 80.968 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
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3.80. Occupied Bandwidth for SA_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	77.25	80.9	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 measurement results are as follows:

Measurement	Value
Occupied Bandwidth	77.2469 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	44.680 kHz
x dB Bandwidth	80.904 MHz

Additional parameters shown in the interface include: Ch Freq 3.84 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst 12.8 dB, Center 3.840 00 GHz, Span 160 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (800 pts).

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3.81. Occupied Bandwidth for SA_Part22-24-27(Channel:662666, 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
3939.99	99	26	1	Peak	77.4	80.85	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	77.3978 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	87.459 kHz
x dB Bandwidth	80.849 MHz

Other visible parameters include: Ch Freq 3.93999 GHz, Res BW 1 MHz, VBW 3 MHz, Span 160 MHz, Sweep 5 s (800 pts), and a copyright notice for Agilent Technologies (2000-2012).

3.82. Occupied Bandwidth for SA_Part22-24-27(Channel:649334, 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
3740.01	99	26	1	Peak	77.32	80.86	80	Pass

Agilent

Measure
 Meas Off
 Channel Power
 Occupied BW
 ACP
 Multi Carrier Power
 Power Stat CCDF
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Ch Freq 3.74001 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
→
←

10
Ext Ref

dB/

Offst

12.4

dB

Center 3.740 01 GHz
Span 160 MHz

#Res BW 1 MHz
#VBW 3 MHz
#Sweep 5 s (800 pts)

Occupied Bandwidth
77.3162 MHz

Occ BW % Pwr
99.00 %

Transmit Freq Error
-60.313 kHz

x dB Bandwidth
80.858 MHz

x dB
-26.00 dB

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3.83. Occupied Bandwidth for SA_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	77.23	80.82	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 measurement results are as follows:

Measurement	Value
Occupied Bandwidth	77.2280 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-85.873 kHz
x dB Bandwidth	80.818 MHz

Other visible parameters include: Ch Freq 3.84 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log, 10 dB/Offst, 12.8 dB, Center 3.840 00 GHz, Span 160 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (800 pts).

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3.84. Occupied Bandwidth for SA_Part22-24-27(Channel:662666, 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
3939.99	99	26	1	Peak	77.35	80.86	80	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 3.93999 GHz with a span of 160 MHz. The signal level is approximately 10 dBm. The occupied bandwidth is measured as 77.3462 MHz, which is 99.00% of the channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -44.735 kHz, and the XdB bandwidth is 80.864 MHz. The interface also shows various measurement settings such as Res BW (1 MHz), VBW (3 MHz), and Sweep (5 s, 800 pts). The bottom of the screen displays the copyright information: Copyright 2000-2012 Agilent Technologies.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
77.3462 MHz	x dB	-26.00 dB
Transmit Freq Error	-44.735 kHz	
x dB Bandwidth	80.864 MHz	

3.85. Occupied Bandwidth for SA_Part22-24-27(Channel:649668, 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
3745.02	99	26	1	Peak	87.27	91.01	90	Pass

Agilent

Ext Ref

Ch Freq 3.74502 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Measure

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.4 dB

Center 3.745 02 GHz Span 180 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (900 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

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Occupied Bandwidth Occ BW % Pwr 99.00 %

87.2736 MHz x dB -26.00 dB

Transmit Freq Error -64.996 kHz

x dB Bandwidth 91.013 MHz

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3.86. Occupied Bandwidth for SA_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	87.3	91.22	90	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	87.2969 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-47.629 kHz
x dB Bandwidth	91.216 MHz

Additional parameters shown in the interface include: Ch Freq 3.84 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, Center 3.840 00 GHz, Span 180 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (900 pts).

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3.87. Occupied Bandwidth for SA_Part22-24-27(Channel:662332, 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
3934.98	99	26	1	Peak	87.39	91.03	90	Pass

Agilent
Measure

Ch Freq 3.93498 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.934 98 GHz Span 180 MHz
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (900 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
87.3904 MHz	x dB -26.00 dB
Transmit Freq Error -69.042 kHz	
x dB Bandwidth 91.026 MHz	

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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3.88. Occupied Bandwidth for SA_Part22-24-27(Channel:649668, 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
3745.02	99	26	1	Peak	87.27	91.02	90	Pass

Agilent
Measure

Ch Freq 3.74502 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.745 02 GHz Span 180 MHz
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (900 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
87.2722 MHz	x dB -26.00 dB
Transmit Freq Error	-109.237 kHz
x dB Bandwidth	91.024 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
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3.89. Occupied Bandwidth for SA_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	87.29	90.99	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 3.84 GHz, and the span is 180 MHz. The occupied bandwidth is measured as 87.2894 MHz, which is 99.00% of the 90 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -69.320 kHz. The XdB bandwidth is 90.992 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	99.00 %
87.2894 MHz	x dB	-26.00 dB
Transmit Freq Error		-69.320 kHz
x dB Bandwidth		90.992 MHz

3.90. Occupied Bandwidth for SA_Part22-24-27(Channel:662332, 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
3934.98	99	26	1	Peak	87.39	91.28	90	Pass

Agilent

Measure
 Meas Off
 Channel Power
 Occupied BW
 ACP
 Multi Carrier Power
 Power Stat CCDF
 More
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Ch Freq 3.93498 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
10

dB/
Offst

13
dB

Center 3.934 98 GHz
Span 180 MHz

#Res BW 1 MHz
#VBW 3 MHz
#Sweep 5 s (900 pts)

Occupied Bandwidth
87.3879 MHz

Occ BW % Pwr
99.00 %

Transmit Freq Error
-91.114 kHz

x dB Bandwidth
91.279 MHz

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3.91. Occupied Bandwidth for SA_Part22-24-27(Channel:649668, 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
3745.02	99	26	1	Peak	87.42	91.07	90	Pass

Agilent
Measure

Ch Freq 3.74502 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.745 02 GHz Span 180 MHz
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (900 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
87.4155 MHz	x dB -26.00 dB
Transmit Freq Error	-58.740 kHz
x dB Bandwidth	91.069 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
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3.92. Occupied Bandwidth for SA_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	87.44	91.13	90	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	87.4411 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-24.688 kHz
x dB Bandwidth	91.131 MHz

Additional parameters shown in the interface include: Ch Freq 3.84 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 12.8 dB, Center 3.840 00 GHz, Span 180 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (900 pts).

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3.93. Occupied Bandwidth for SA_Part22-24-27(Channel:662332, 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
3934.98	99	26	1	Peak	87.54	91.25	90	Pass

Agilent

Measure
 Meas Off
 Channel Power
 Occupied BW
 ACP
 Multi Carrier Power
 Power Stat CCDF
 More
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Ch Freq 3.93498 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
Ext Ref

10

dB/

Offst

13

dB

Center 3.934 98 GHz
Span 180 MHz

#Res BW 1 MHz
#VBW 3 MHz
#Sweep 5 s (900 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
87.5398 MHz	x dB -26.00 dB
Transmit Freq Error	-48.047 kHz
x dB Bandwidth	91.245 MHz

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3.94. Occupied Bandwidth for SA_Part22-24-27(Channel:649668, 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
3745.02	99	26	1	Peak	87.5	91.07	90	Pass

Agilent
Measure

Ch Freq 3.74502 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.745 02 GHz Span 180 MHz
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (900 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
87.5003 MHz	x dB -26.00 dB
Transmit Freq Error -95.294 kHz	
x dB Bandwidth 91.075 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

3.95. Occupied Bandwidth for SA_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	87.54	91.13	90	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	87.5382 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-71.880 kHz
x dB Bandwidth	91.129 MHz

Additional parameters shown in the interface include: Ch Freq 3.84 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst 12.8 dB, Center 3.840 00 GHz, Span 180 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (900 pts).

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3.96. Occupied Bandwidth for SA_Part22-24-27(Channel:662332, 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
3934.98	99	26	1	Peak	87.62	91.03	90	Pass

Agilent
Measure

Ch Freq 3.93498 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.934 98 GHz Span 180 MHz
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (900 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
87.6154 MHz	x dB -26.00 dB
Transmit Freq Error	-90.873 kHz
x dB Bandwidth	91.034 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
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3.97. Occupied Bandwidth for SA_Part22-24-27(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	97.26	101.04	100	Pass

Agilent

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

Ch Freq 3.75 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.4 dB

Center 3.750 00 GHz Span 200 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (1000 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

97.2585 MHz x dB -26.00 dB

Transmit Freq Error -51.730 kHz

x dB Bandwidth 101.036 MHz

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3.98. Occupied Bandwidth for SA_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	97.33	101.06	100	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	97.3311 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	22.139 kHz
x dB Bandwidth	101.061 MHz

Additional parameters shown in the interface include: Ch Freq 3.84 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst 12.8 dB, Center 3.840 00 GHz, Span 200 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (1000 pts).

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3.99. Occupied Bandwidth for SA_Part22-24-27(Channel:662000, 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
3930	99	26	1	Peak	97.31	101.07	100	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	97.3147 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	20.288 kHz
x dB Bandwidth	101.073 MHz

Additional parameters shown in the interface include: Ch Freq 3.93 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst, 13 dB, Center 3.930 00 GHz, Span 200 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (1000 pts).

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3.100. Occupied Bandwidth for SA_Part22-24-27(Channel:650000, 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
3750	99	26	1	Peak	97.41	101.03	100	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	97.4142 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-19.716 kHz
x dB Bandwidth	101.027 MHz

Additional parameters shown in the interface include: Ch Freq 3.75 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst 12.4 dB, Center 3.750 00 GHz, Span 200 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (1000 pts).

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3.101. Occupied Bandwidth for SA_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	97.51	101.01	100	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	97.5135 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	19.604 kHz
x dB Bandwidth	101.006 MHz

Additional parameters shown in the interface include: Ch Freq 3.84 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst 12.8 dB, Center 3.840 00 GHz, Span 200 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (1000 pts).

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3.102. Occupied Bandwidth for SA_Part22-24-27(Channel:662000, 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
3930	99	26	1	Peak	97.46	101.02	100	Pass

Agilent

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

Ch Freq 3.93 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

13

dB

Center 3.930 00 GHz Span 200 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (1000 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
97.4579 MHz	x dB -26.00 dB
Transmit Freq Error 25.544 kHz	
x dB Bandwidth 101.023 MHz	

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3.103. Occupied Bandwidth for SA_Part22-24-27(Channel:650000, 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
3750	99	26	1	Peak	97.25	101.16	100	Pass

Agilent

Ext Ref

Ch Freq 3.75 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.4

dB

Center 3.750 00 GHz Span 200 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (1000 pts)

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

97.2466 MHz **x dB** -26.00 dB

Transmit Freq Error -29.071 kHz

x dB Bandwidth 101.159 MHz

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3.104. Occupied Bandwidth for SA_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	97.39	101.24	100	Pass

Agilent

Ext Ref

Ch Freq 3.84 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.8

dB

Center 3.840 00 GHz Span 200 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (1000 pts)

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

97.3914 MHz **x dB** -26.00 dB

Transmit Freq Error 14.161 kHz

x dB Bandwidth 101.240 MHz

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3.105. Occupied Bandwidth for SA_Part22-24-27(Channel:662000, 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
3930	99	26	1	Peak	97.32	101.12	100	Pass

Agilent
Measure

Ch Freq 3.93 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.930 00 GHz Span 200 MHz
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (1000 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
97.3236 MHz	x dB -26.00 dB
Transmit Freq Error 27.825 kHz	
x dB Bandwidth 101.118 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

3.106. Occupied Bandwidth for SA_Part22-24-27(Channel:650000, 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
3750	99	26	1	Peak	97.44	100.92	100	Pass

Agilent
Measure

Ch Freq 3.75 GHz Ext Ref

Occupied Bandwidth Trig Free

Averages: 1

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Ref 30 dBm #Atten 30 dB

Center 3.750 00 GHz Span 200 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (1000 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

97.4373 MHz x dB -26.00 dB

Transmit Freq Error -13.635 kHz

x dB Bandwidth 100.920 MHz

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3.107. Occupied Bandwidth for SA_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	97.55	101.01	100	Pass

Agilent
Measure

Ch Freq 3.84 GHz Ext Ref

Trig Free

Occupied Bandwidth Averages: 1

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Ref 30 dBm #Atten 30 dB

Center 3.840 00 GHz Span 200 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (1000 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
97.5486 MHz	x dB -26.00 dB
Transmit Freq Error 35.422 kHz	
x dB Bandwidth 101.011 MHz	

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3.108. Occupied Bandwidth for SA_Part22-24-27(Channel:662000, 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
3930	99	26	1	Peak	97.47	100.95	100	Pass

Agilent

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

Ch Freq 3.93 GHz
Ext Ref

Occupied Bandwidth
Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
10

dB/
Offst

13
dB

Center 3.930 00 GHz
Span 200 MHz

#Res BW 1 MHz
#VBW 3 MHz
#Sweep 5 s (1000 pts)

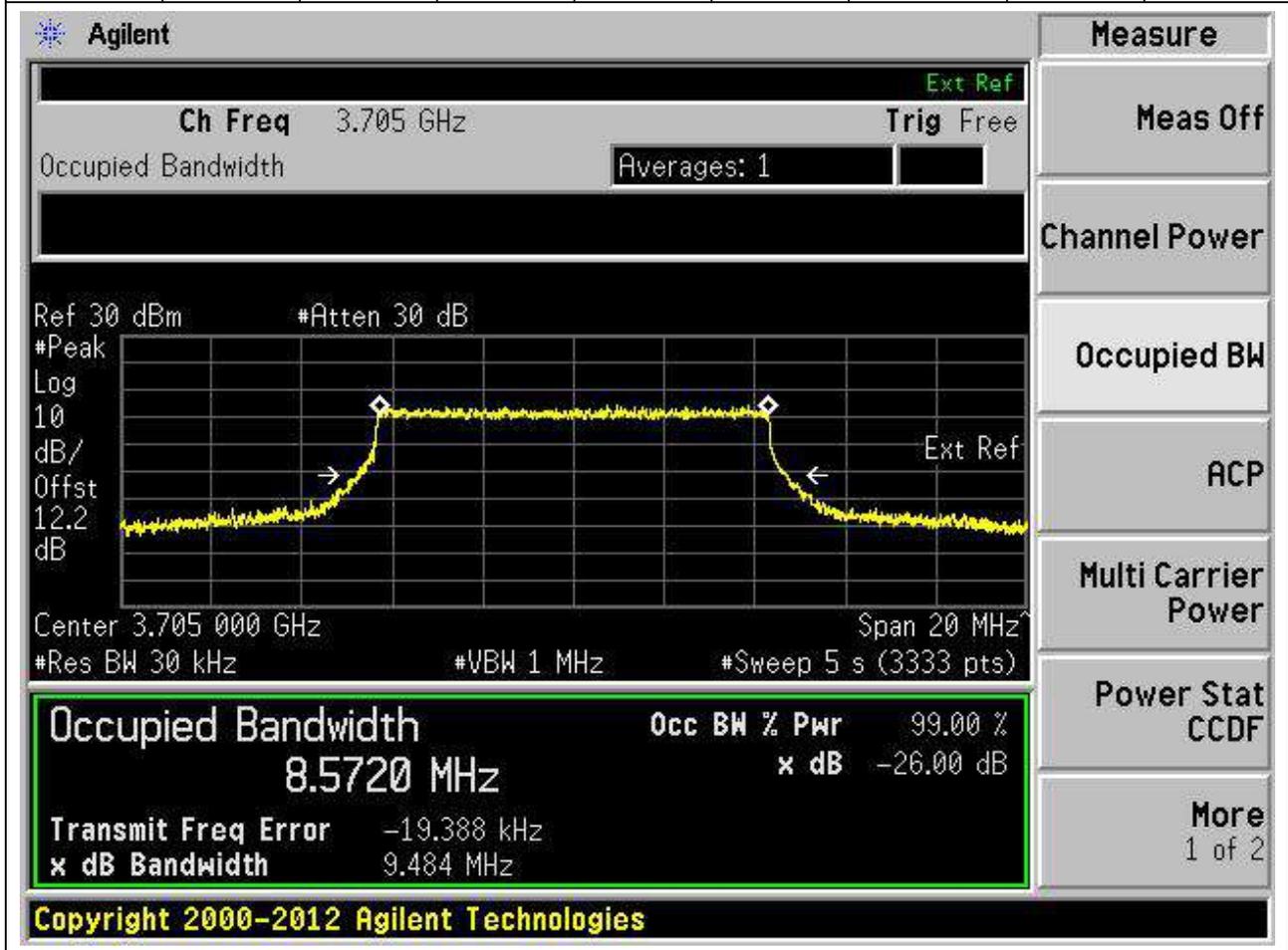
Occupied Bandwidth	Occ BW % Pwr 99.00 %
97.4720 MHz	x dB -26.00 dB
Transmit Freq Error	35.168 kHz
x dB Bandwidth	100.949 MHz

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4. n78(3700-3800)

4.1. Occupied Bandwidth for SA_Part22-24-27(Channel:647000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3705	99	26	0.03	Peak	8.57	9.48	10	Pass



4.2. Occupied Bandwidth for SA_Part22-24-27(Channel:650000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:24, 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	0.03	Peak	8.57	9.34	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:

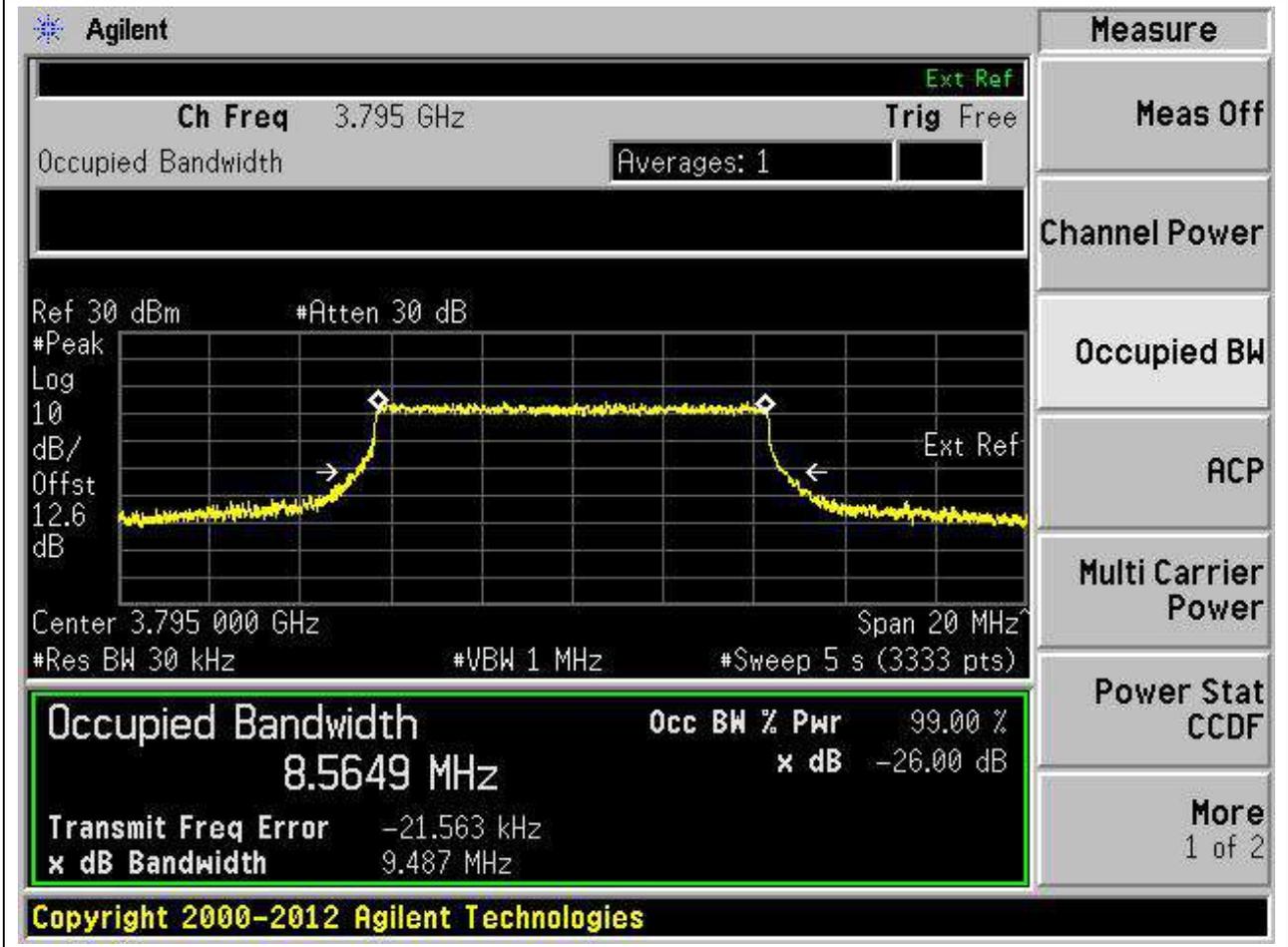
Measurement	Value
Occupied Bandwidth	8.5713 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-20.286 kHz
x dB Bandwidth	9.342 MHz

Additional parameters shown in the interface include: Ch Freq 3.75 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst, 12.4 dB, Center 3.750 000 GHz, Span 20 MHz, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 5 s (3333 pts).

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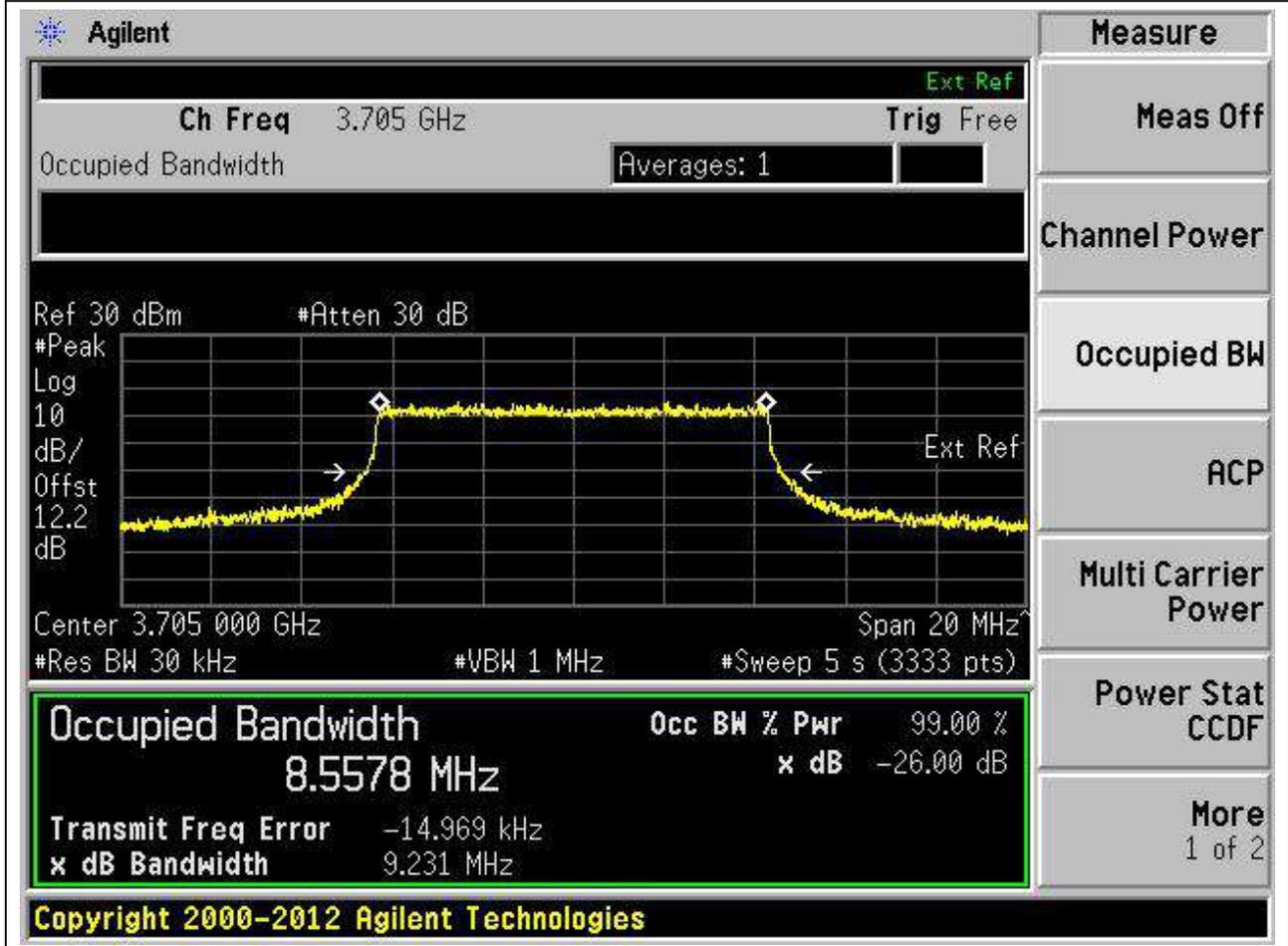
4.3. Occupied Bandwidth for SA_Part22-24-27(Channel:653000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3795	99	26	0.03	Peak	8.56	9.49	10	Pass



4.4. Occupied Bandwidth for SA_Part22-24-27(Channel:647000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3705	99	26	0.03	Peak	8.56	9.23	10	Pass



4.5. Occupied Bandwidth for SA_Part22-24-27(Channel:650000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:24, 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	0.03	Peak	8.57	9.51	10	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow signal trace. The plot is centered at 3.750 000 GHz with a span of 20 MHz. The vertical axis is labeled 'Log 10 dB/Offst 12.4 dB'. The horizontal axis is labeled 'Center 3.750 000 GHz' and 'Span 20 MHz'. The plot shows a signal with a peak at approximately 3.75 GHz. The signal is labeled 'Ext Ref'. The plot also shows 'Ref 30 dBm' and '#Atten 30 dB'. The plot is labeled 'Occupied Bandwidth' and 'Averages: 1'. The plot is labeled 'Peak' and 'Log 10 dB/Offst 12.4 dB'. The plot is labeled 'Ext Ref'. The plot is labeled 'Center 3.750 000 GHz' and 'Span 20 MHz'. The plot is labeled '#Res BW 30 kHz' and '#VBW 1 MHz' and '#Sweep 5 s (3333 pts)'. The plot is labeled 'Occupied Bandwidth' and 'Occ BW % Pwr 99.00 %' and 'x dB -26.00 dB'. The plot is labeled 'Transmit Freq Error -13.012 kHz' and 'x dB Bandwidth 9.511 MHz'. The plot is labeled 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth 8.5666 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

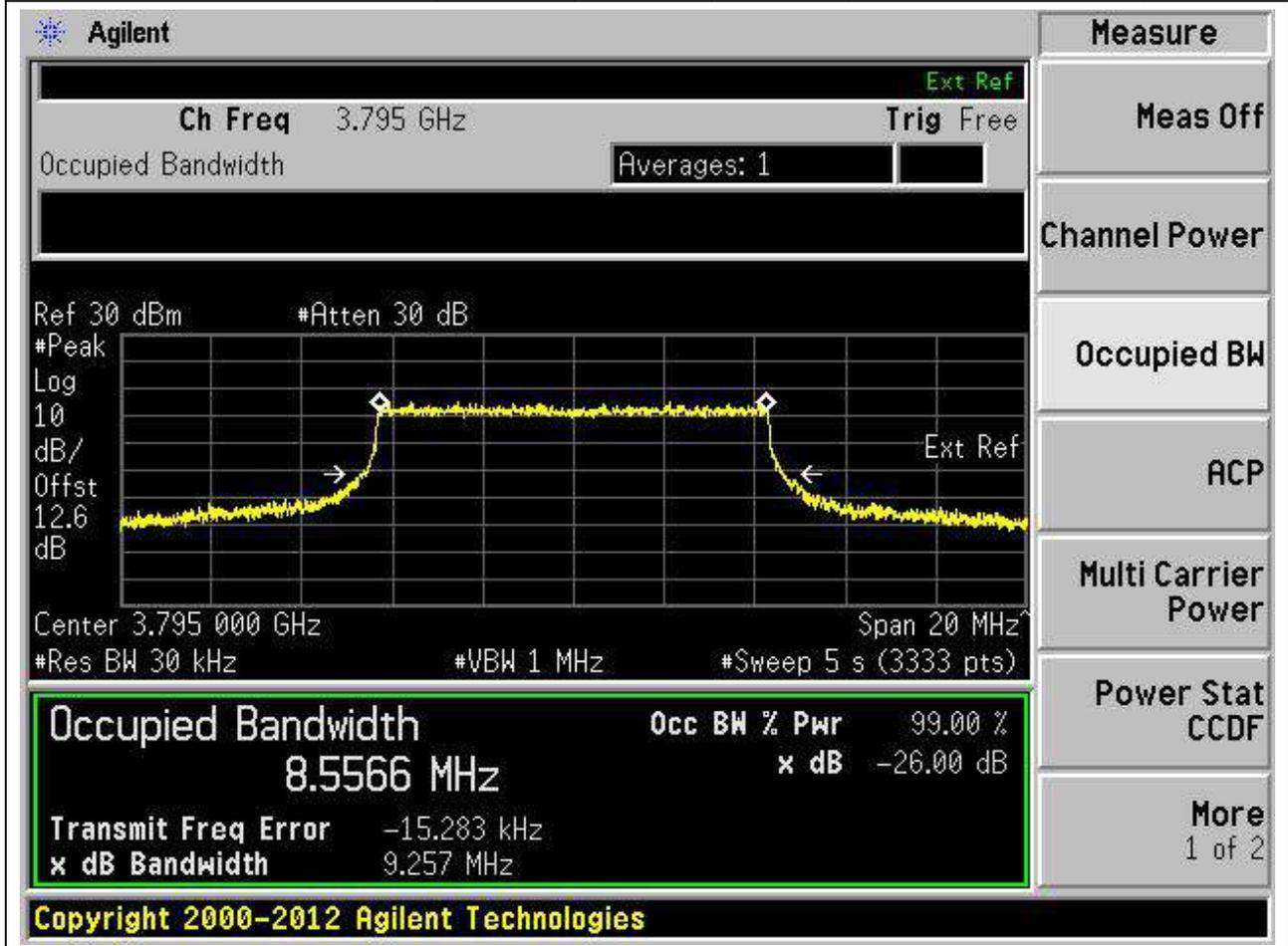
Transmit Freq Error -13.012 kHz

x dB Bandwidth 9.511 MHz

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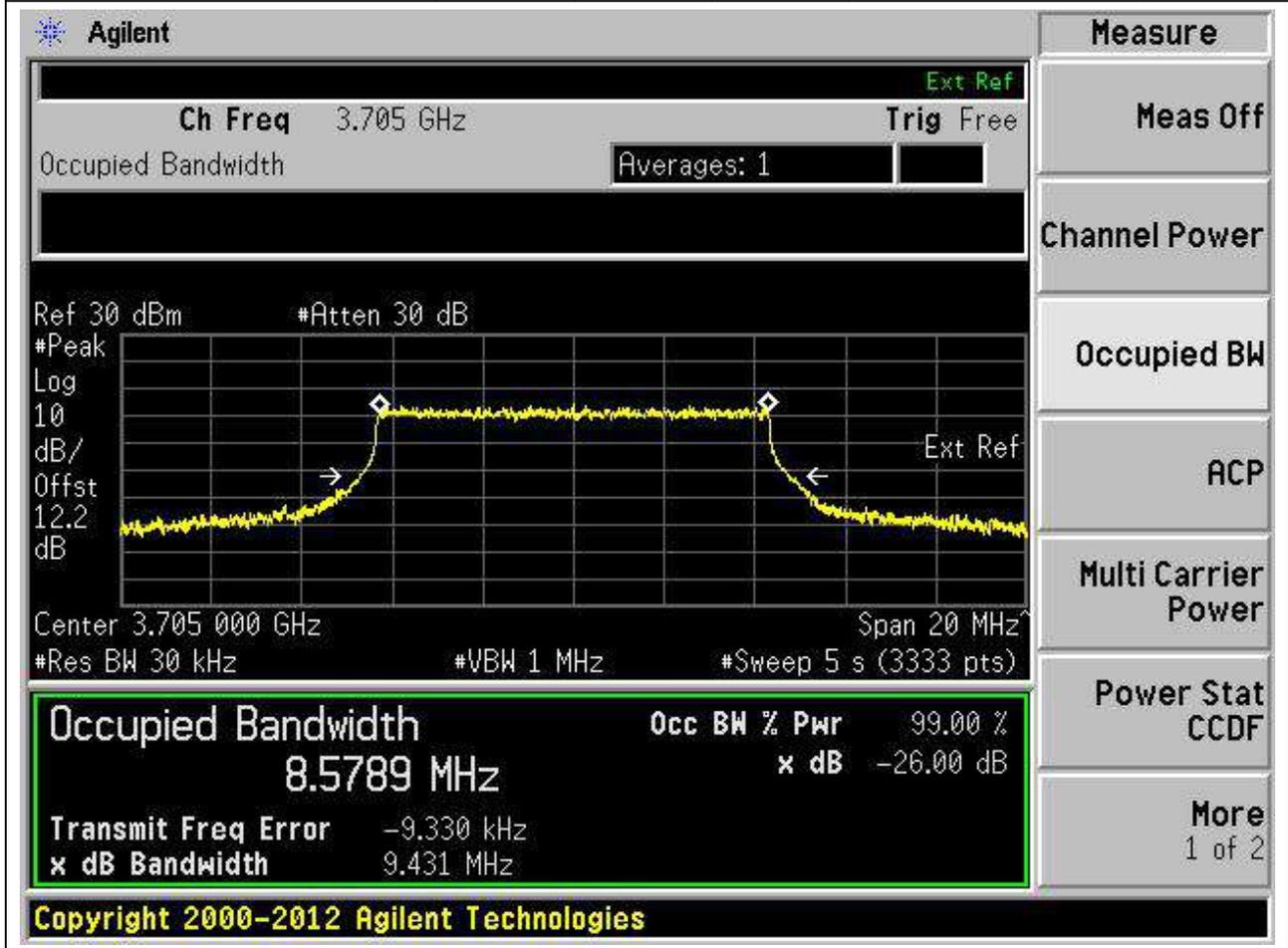
4.6. Occupied Bandwidth for SA_Part22-24-27(Channel:653000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3795	99	26	0.03	Peak	8.56	9.26	10	Pass



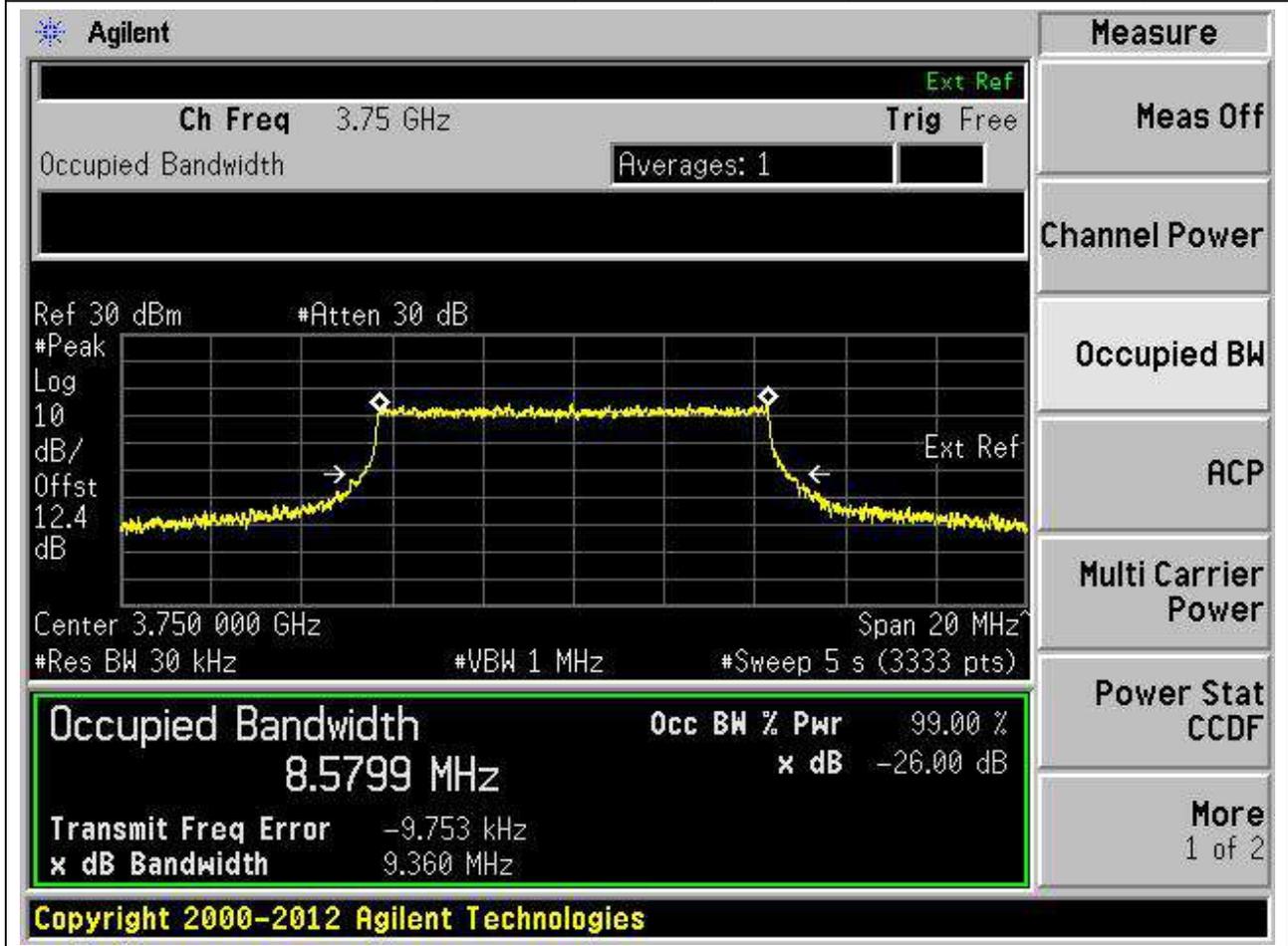
4.7. Occupied Bandwidth for SA_Part22-24-27(Channel:647000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3705	99	26	0.03	Peak	8.58	9.43	10	Pass



4.8. Occupied Bandwidth for SA_Part22-24-27(Channel:650000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:24, 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	0.03	Peak	8.58	9.36	10	Pass



4.9. Occupied Bandwidth for SA_Part22-24-27(Channel:653000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3795	99	26	0.03	Peak	8.58	9.42	10	Pass

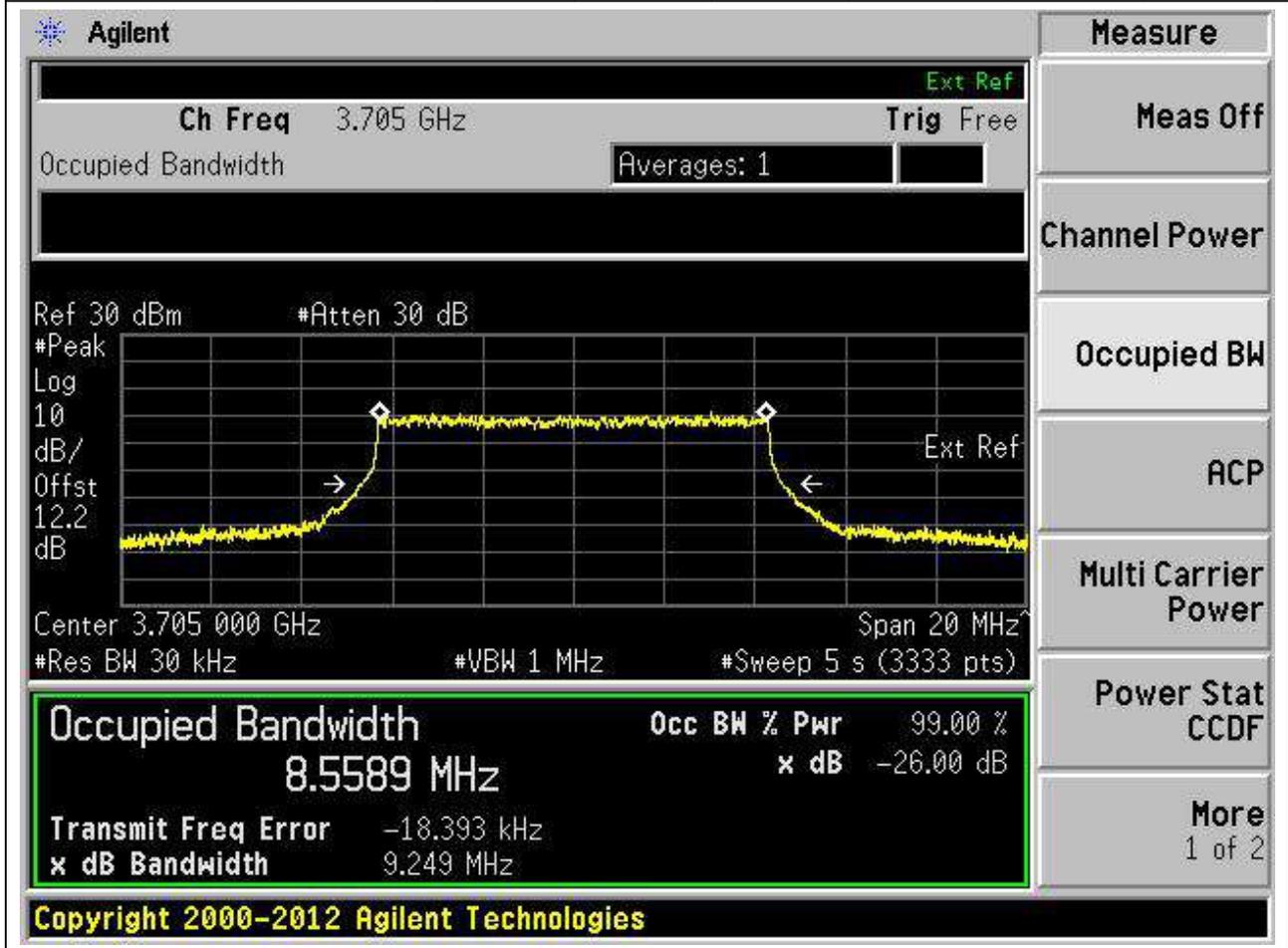
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 3.795 GHz, and the span is 20 MHz. The occupied bandwidth is highlighted as 8.5817 MHz. The power level is 99.00% and the XdB down is -26.00 dB. The transmit frequency error is -12.212 kHz, and the XdB bandwidth is 9.423 MHz. The interface includes various measurement controls and a list of measurement options on the right side.

Measurement	Value
Occupied Bandwidth	8.5817 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-12.212 kHz
x dB Bandwidth	9.423 MHz

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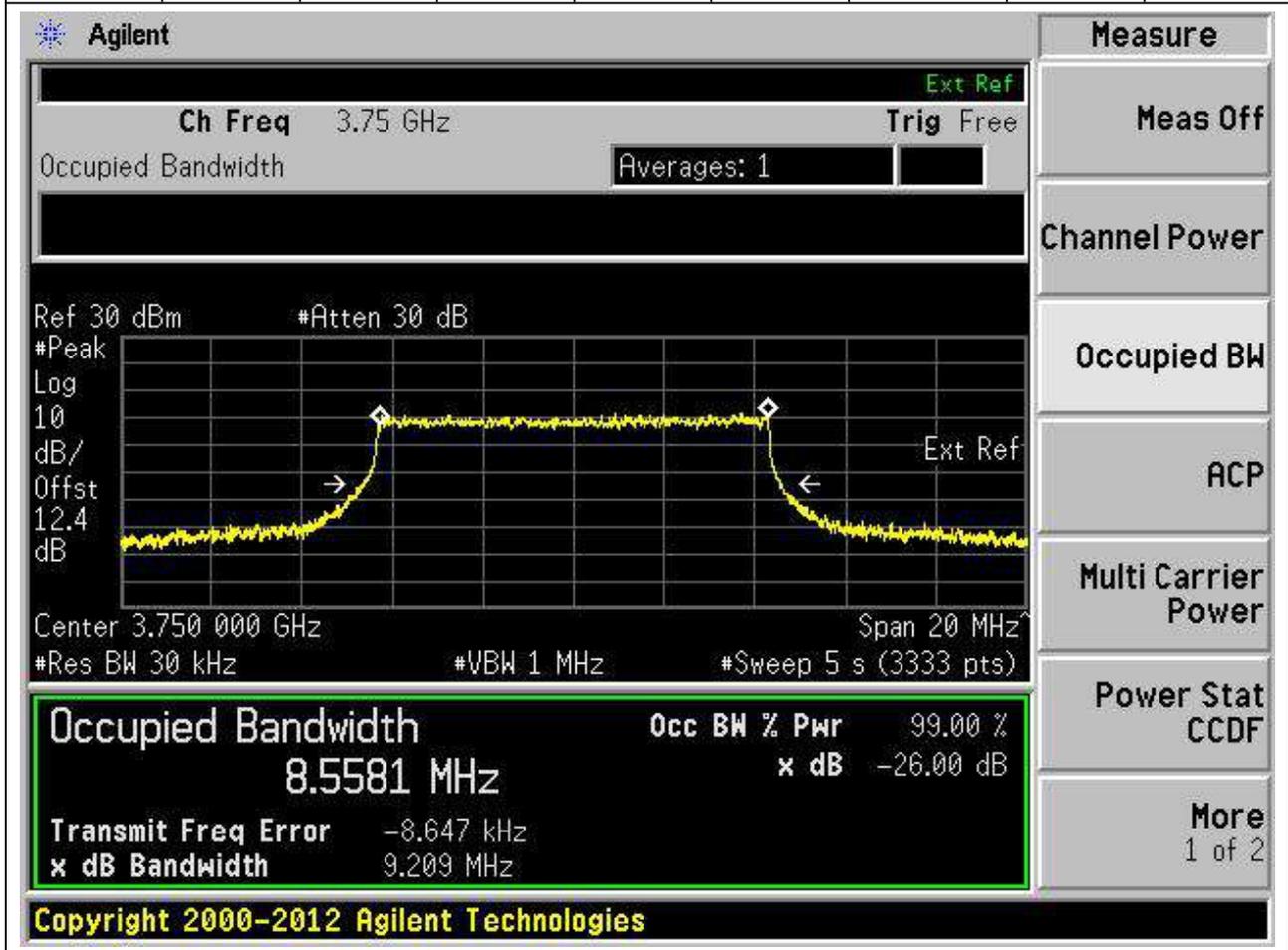
4.10. Occupied Bandwidth for SA_Part22-24-27(Channel:647000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3705	99	26	0.03	Peak	8.56	9.25	10	Pass



4.11. Occupied Bandwidth for SA_Part22-24-27(Channel:650000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:24, 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	0.03	Peak	8.56	9.21	10	Pass



4.12. Occupied Bandwidth for SA_Part22-24-27(Channel:653000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3795	99	26	0.03	Peak	8.56	9.18	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 3.795 GHz, and the span is 20 MHz. The occupied bandwidth is highlighted as 8.5569 MHz. The power level is 99.00% and the XdB down is -26.00 dB. The transmit frequency error is -19.472 kHz, and the XdB bandwidth is 9.178 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 %
8.5569 MHz	x dB	-26.00 dB
Transmit Freq Error		-19.472 kHz
x dB Bandwidth		9.178 MHz

4.13. Occupied Bandwidth for SA_Part22-24-27(Channel:647168, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:38, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3707.52	99	26	0.03	Peak	13.55	14.4	15	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot parameters are: Center 3.707 520 GHz, Span 30 MHz, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 5 s (5000 pts). The plot shows a signal with a flat top and sloping sides, with two white diamonds marking the -26 dB points. The text 'Ext Ref' is visible on the right side of the plot.

Below the plot, the following measurement results are displayed:

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.5469 MHz	x dB	-26.00 dB
Transmit Freq Error		-9.358 kHz
x dB Bandwidth		14.399 MHz

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

At the bottom of the screenshot, the text 'Copyright 2000-2012 Agilent Technologies' is visible.

4.14. Occupied Bandwidth for SA_Part22-24-27(Channel:650000, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:38, 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	0.03	Peak	13.56	14.53	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	13.5555 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-9.642 kHz
x dB Bandwidth	14.531 MHz

Additional parameters shown in the interface include: Ch Freq 3.75 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst 12.4 dB, Center 3.750 000 GHz, Span 30 MHz, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 5 s (5000 pts).

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4.15. Occupied Bandwidth for SA_Part22-24-27(Channel:652832, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:38, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3792.48	99	26	0.03	Peak	13.54	14.37	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	13.5412 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-8.654 kHz
x dB Bandwidth	14.372 MHz

Additional parameters shown in the interface include: Ch Freq 3.79248 GHz, Res BW 30 kHz, Span 30 MHz, and Sweep 5 s (5000 pts). The interface also features 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'.

4.16. Occupied Bandwidth for SA_Part22-24-27(Channel:647168, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:38, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3707.52	99	26	0.03	Peak	13.55	14.48	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 3.70752 GHz, and the span is 30 MHz. The occupied bandwidth is measured as 13.5490 MHz. The power level is 99.00% and the XdB down is -26.00 dB. The transmit frequency error is -11.665 kHz, and the XdB bandwidth is 14.476 MHz. The interface includes various measurement controls and a list of measurement options on the right side.

Measurement	Value
Occupied Bandwidth	13.5490 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-11.665 kHz
x dB Bandwidth	14.476 MHz

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4.17. Occupied Bandwidth for SA_Part22-24-27(Channel:650000, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:38, 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	0.03	Peak	13.54	14.34	15	Pass

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

Measurement	Value
Occupied Bandwidth	13.5358 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-13.619 kHz
x dB Bandwidth	14.342 MHz

Additional parameters shown in the interface include: Ch Freq 3.75 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst, 12.4 dB, Center 3.750 000 GHz, Span 30 MHz, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 5 s (5000 pts).

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4.18. Occupied Bandwidth for SA_Part22-24-27(Channel:652832, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:38, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3792.48	99	26	0.03	Peak	13.55	14.31	15	Pass

Agilent
Measure

Ch Freq 3.79248 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
10

dB/
Offst

12.6
dB

Center 3.792 480 GHz
Span 30 MHz

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

Occupied Bandwidth
Occ BW % Pwr 99.00 %

13.5459 MHz
x dB -26.00 dB

Transmit Freq Error -15.407 kHz

x dB Bandwidth 14.308 MHz

Power Stat CCDF

More

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4.19. Occupied Bandwidth for SA_Part22-24-27(Channel:647168, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:38, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3707.52	99	26	0.03	Peak	13.57	14.44	15	Pass

Agilent
Measure

Ch Freq 3.70752 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.707 520 GHz Span 30 MHz
#Res BW 30 kHz #VBW 1 MHz #Sweep 5 s (5000 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
13.5738 MHz	x dB -26.00 dB
Transmit Freq Error -21.247 kHz	
x dB Bandwidth 14.444 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

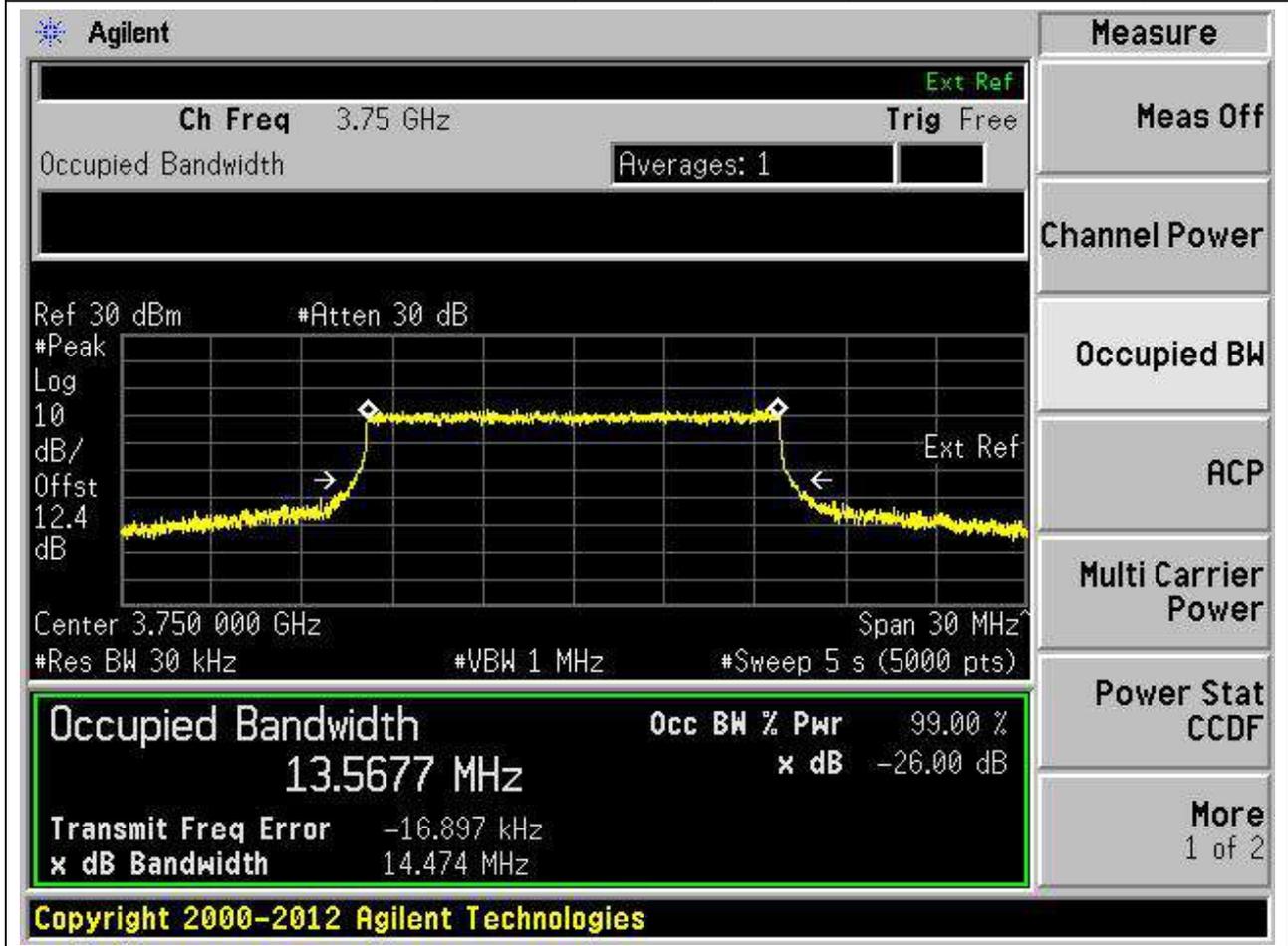
Multi Carrier Power

Power Stat CCDF

More
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4.20. Occupied Bandwidth for SA_Part22-24-27(Channel:650000, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:38, 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	0.03	Peak	13.57	14.47	15	Pass



4.21. Occupied Bandwidth for SA_Part22-24-27(Channel:652832, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:38, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3792.48	99	26	0.03	Peak	13.57	14.36	15	Pass

Agilent Measure

Ch Freq 3.79248 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.6 dB

Center 3.792 480 GHz Span 30 MHz

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

Occupied Bandwidth 13.5681 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -23.043 kHz

x dB Bandwidth 14.358 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

4.22. Occupied Bandwidth for SA_Part22-24-27(Channel:647168, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:38, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3707.52	99	26	0.03	Peak	13.57	14.29	15	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is centered at 3.70752 GHz with a span of 30 MHz. The y-axis is labeled 'dB' and ranges from 10 to 12.2. The plot shows a flat top at approximately 13.57 MHz, with a sharp drop-off on either side. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen, showing a value of 13.5724 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -10.249 kHz and the 'x dB Bandwidth' is 14.294 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Occupied Bandwidth	Occ BW % Pwr	x dB
13.5724 MHz	99.00 %	-26.00 dB

Transmit Freq Error: -10.249 kHz
x dB Bandwidth: 14.294 MHz

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4.23. Occupied Bandwidth for SA_Part22-24-27(Channel:650000, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:38, 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	0.03	Peak	13.55	14.4	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	13.5524 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-17.262 kHz
x dB Bandwidth	14.404 MHz

Additional parameters shown in the interface include: Ch Freq 3.75 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst 12.4 dB, Center 3.750 000 GHz, Span 30 MHz, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 5 s (5000 pts).

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4.24. Occupied Bandwidth for SA_Part22-24-27(Channel:652832, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:38, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3792.48	99	26	0.03	Peak	13.56	14.34	15	Pass

Agilent
Measure

Ch Freq 3.79248 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
10

dB/
Offst

12.6
dB

Center 3.792 480 GHz
Span 30 MHz

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

Occupied Bandwidth
Occ BW % Pwr 99.00 %

13.5645 MHz
x dB -26.00 dB

Transmit Freq Error -15.848 kHz

x dB Bandwidth 14.341 MHz

Power Stat CCDF

More

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4.25. Occupied Bandwidth for SA_Part22-24-27(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	18.2	19.15	20	Pass

Agilent
Measure

Ch Freq 3.71001 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.2 dB

Center 3.710 010 GHz Span 40 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

18.1992 MHz x dB -26.00 dB

Transmit Freq Error -21.533 kHz

x dB Bandwidth 19.147 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

4.26. Occupied Bandwidth for SA_Part22-24-27(Channel:650000, 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
3750	99	26	0.03	Peak	18.18	19.21	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 3.75 GHz, and the span is 40 MHz. The occupied bandwidth is highlighted as 18.1783 MHz. The power level is 99.00% and the XdB down is -26.00 dB. The transmit frequency error is -19.170 kHz, and the XdB bandwidth is 19.212 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 %
18.1783 MHz	x dB	-26.00 dB
Transmit Freq Error		-19.170 kHz
x dB Bandwidth		19.212 MHz

4.27. Occupied Bandwidth for SA_Part22-24-27(Channel:652666, 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
3789.99	99	26	0.03	Peak	18.18	19.28	20	Pass

Agilent
Measure

Ch Freq 3.78999 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.6 dB

Center 3.789 990 GHz Span 40 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

18.1758 MHz x dB -26.00 dB

Transmit Freq Error -26.209 kHz

x dB Bandwidth 19.285 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

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