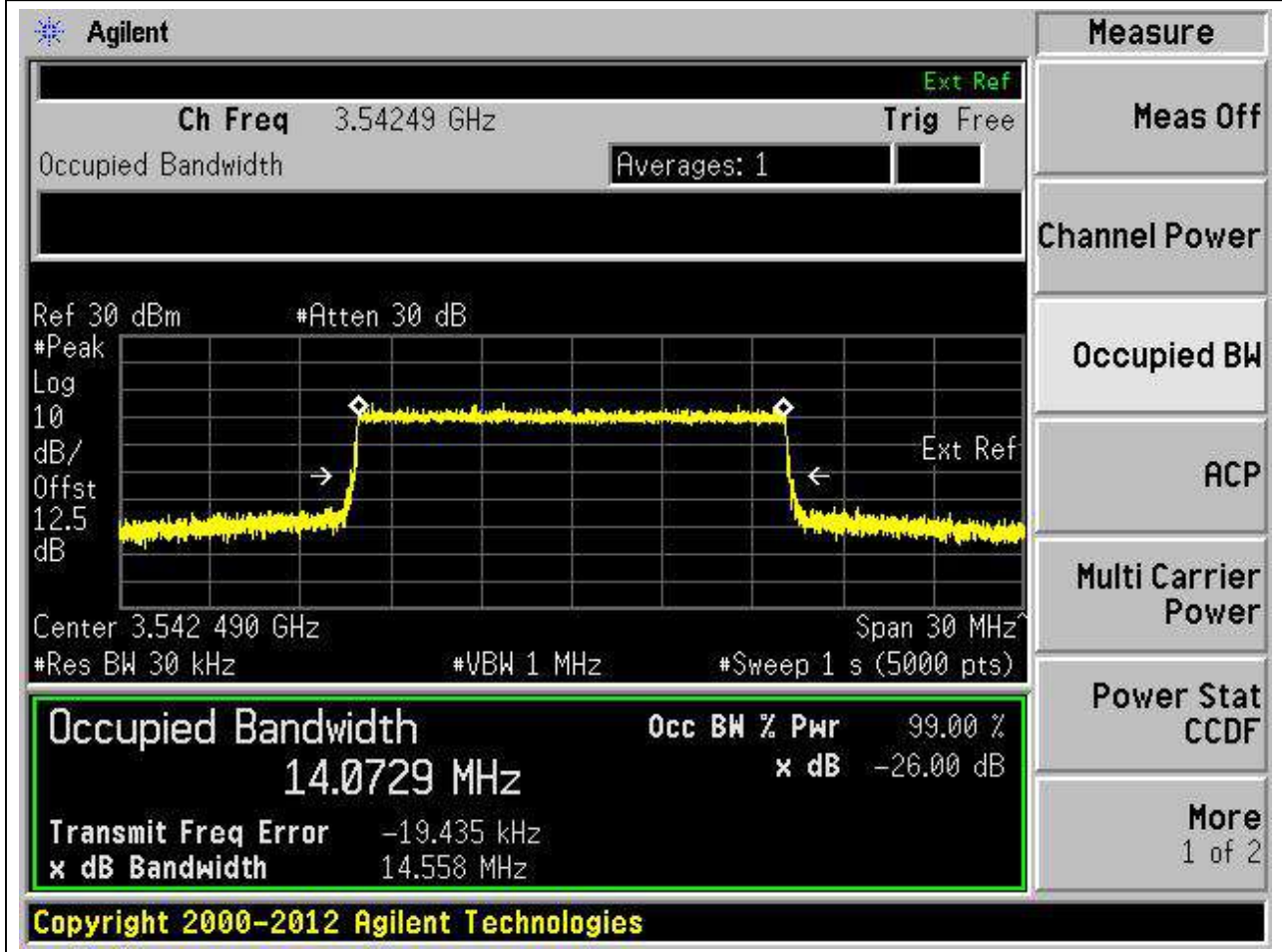


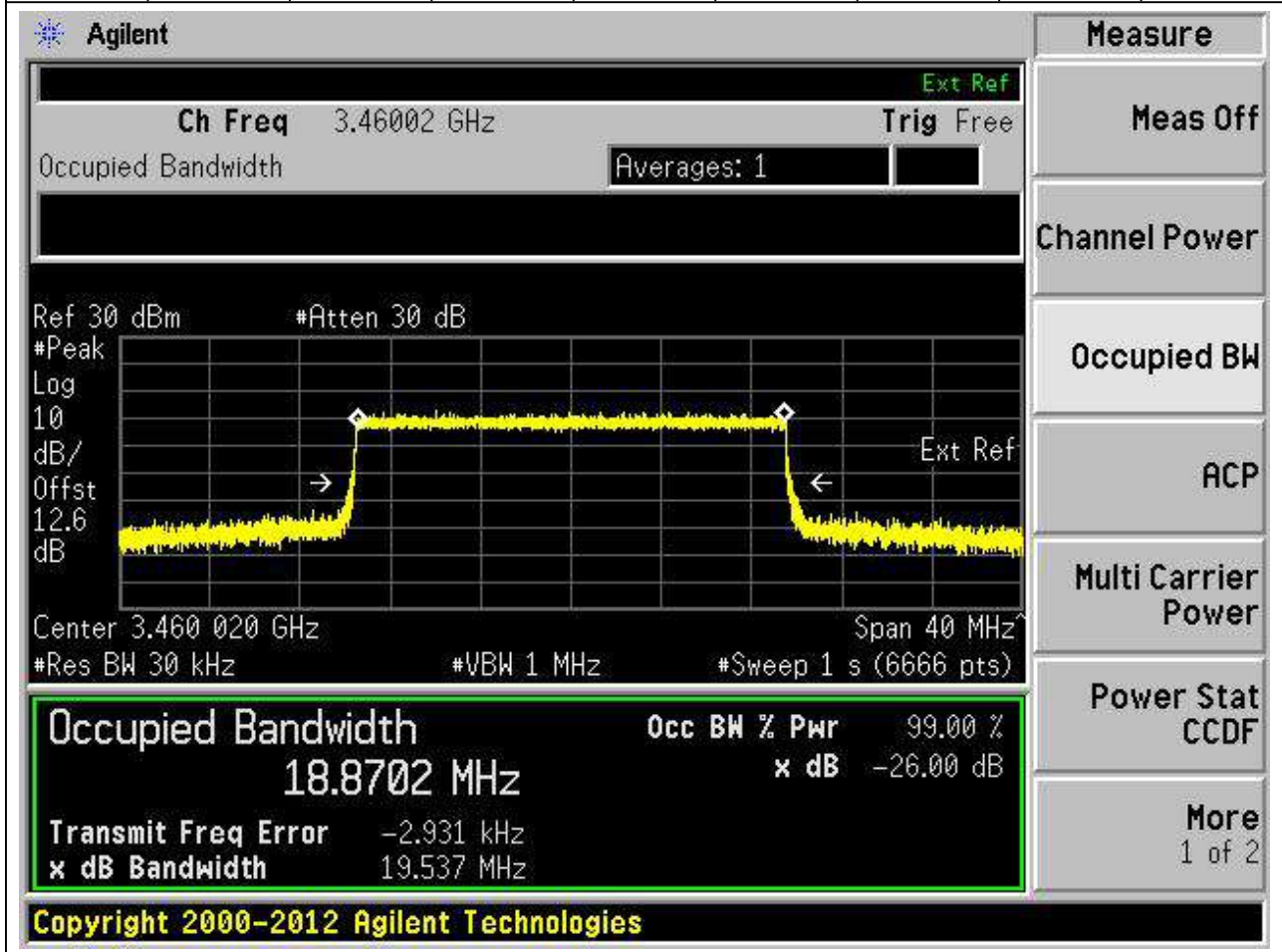
27.6. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:636166, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3542.49	99	26	0.03	Peak	14.07	14.56	15	Pass



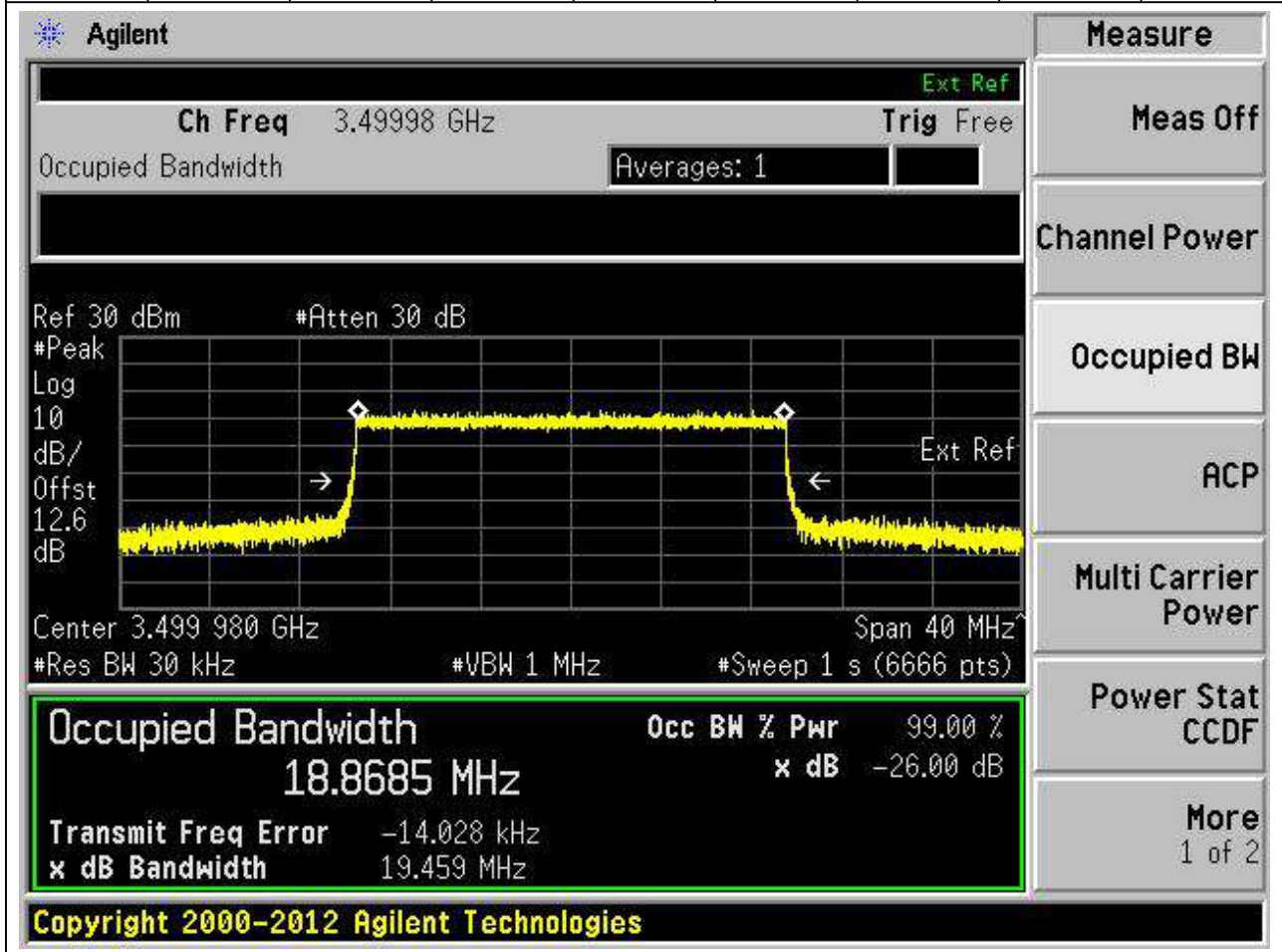
27.7. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:630668, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3460.02	99	26	0.03	Peak	18.87	19.54	20	Pass



27.8. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:633332, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	0.03	Peak	18.87	19.46	20	Pass



27.9. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:636000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3540	99	26	0.03	Peak	18.88	19.37	20	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 3.54 GHz and the span is 40 MHz. The occupied bandwidth is measured as 18.8834 MHz. The power is 99.00% and the XdB down is -26.00 dB. The transmit frequency error is -13.896 kHz and the X dB bandwidth is 19.370 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	x dB
18.8834 MHz	99.00 %	-26.00 dB

Transmit Freq Error: -13.896 kHz
x dB Bandwidth: 19.370 MHz

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27.10. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:631334, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3470.01	99	26	1	Peak	38.69	41.16	40	Pass

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

Measurement	Value
Occupied Bandwidth	38.6911 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-9.034 kHz
x dB Bandwidth	41.164 MHz

Additional parameters shown in the interface include: Ch Freq 3.47001 GHz, Res BW 1 MHz, VBW 3 MHz, Span 80 MHz, and Sweep 1 s (401 pts). The 'Measure' menu on the right includes options like Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

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27.11. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:633332, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	38.76	41.2	40	Pass

Agilent
Measure

Ch Freq 3.49998 GHz Trig Free

Occupied Bandwidth Averages: 1

Center 3.500 0 GHz Span 80 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

38.7555 MHz

Transmit Freq Error -20.759 kHz

x dB Bandwidth 41.199 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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27.12. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:635332, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3529.98	99	26	1	Peak	38.67	41.15	40	Pass

Agilent
Measure

Ch Freq 3.52998 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.5 dB

Center 3.5300 GHz Span 80 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

38.6684 MHz

Transmit Freq Error -19.425 kHz

x dB Bandwidth 41.155 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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27.13. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:631668, Bandwidth:50, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:270, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3475.02	99	26	1	Peak	48.18	50.99	50	Pass

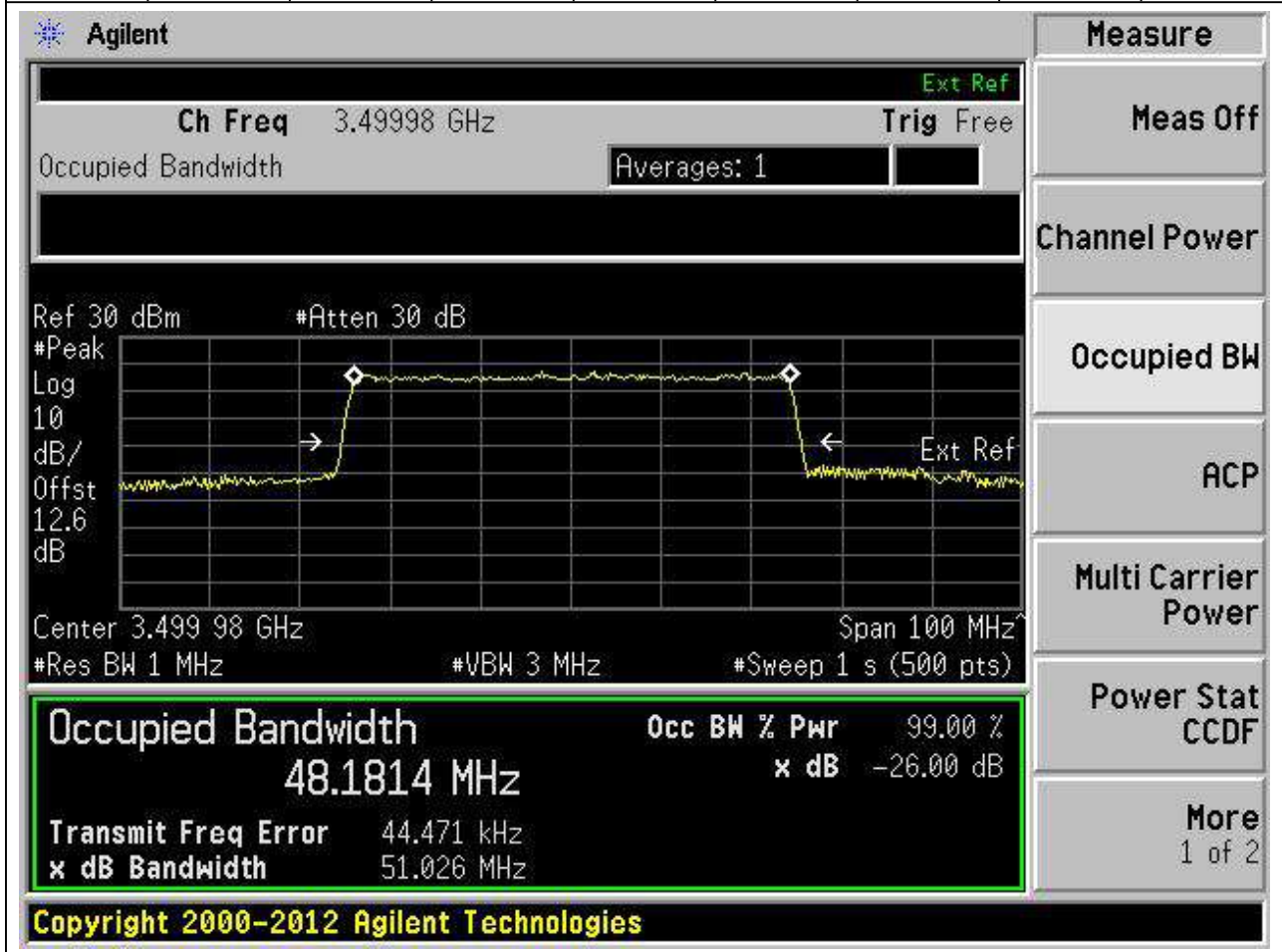
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 3.47502 GHz, and the span is 100 MHz. The occupied bandwidth is highlighted as 48.1801 MHz. The power is 99.00% and the XdB down is -26.00 dB. The interface 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 1 of 2'. The bottom of the screen shows the copyright information: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	x dB
48.1801 MHz	99.00 %	-26.00 dB

Transmit Freq Error: 54.854 kHz
 x dB Bandwidth: 50.993 MHz

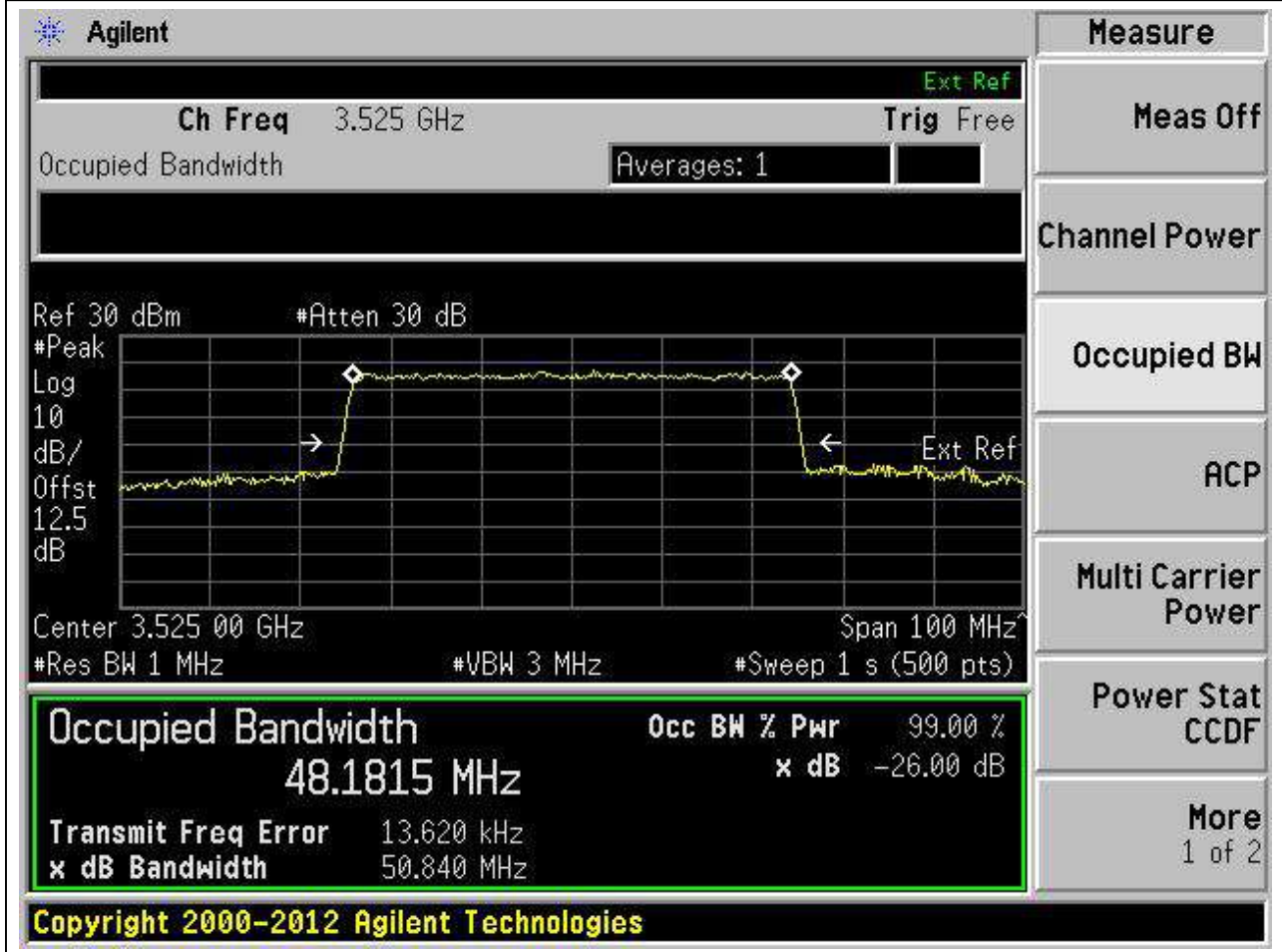
27.14. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:633332, Bandwidth:50, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:270, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	48.18	51.03	50	Pass



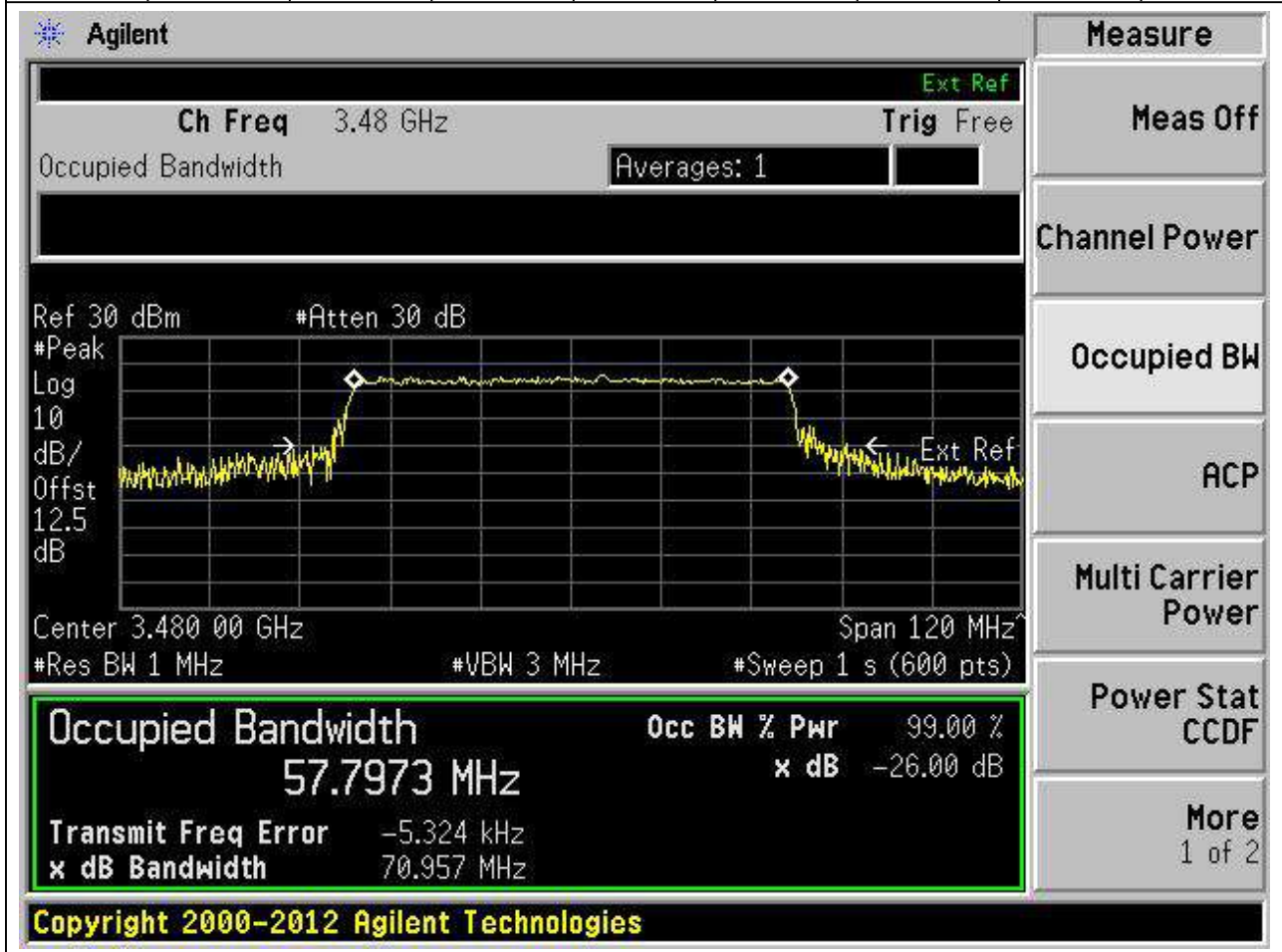
27.15. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:635000, Bandwidth:50, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:270, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3525	99	26	1	Peak	48.18	50.84	50	Pass



27.16. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:632000, 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
3480	99	26	1	Peak	57.8	70.96	60	Pass



27.17. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:633332, 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
3499.98	99	26	1	Peak	57.92	70.59	60	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 3.49998 GHz, and the span is 120 MHz. The occupied bandwidth is highlighted in green as 57.9191 MHz. The power is 99.00% and the XdB down is -26.00 dB. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	x dB
57.9191 MHz	99.00 %	-26.00 dB

Transmit Freq Error: -95.574 kHz
 x dB Bandwidth: 70.585 MHz

27.18. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:634666, 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
3519.99	99	26	1	Peak	57.81	74.56	60	Pass

Agilent
Measure

Ch Freq 3.51999 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.5 dB

Center 3.519 99 GHz Span 120 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

57.8075 MHz

Transmit Freq Error -52.557 kHz

x dB Bandwidth 74.558 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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27.19. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:632334, 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
3485.01	99	26	1	Peak	67.35	76.23	70	Pass

Agilent

Ch Freq 3.48501 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.5 dB

Center 3.485 01 GHz Span 140 MHz

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

Occupied Bandwidth 67.3528 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 27.049 kHz

x dB Bandwidth 76.229 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

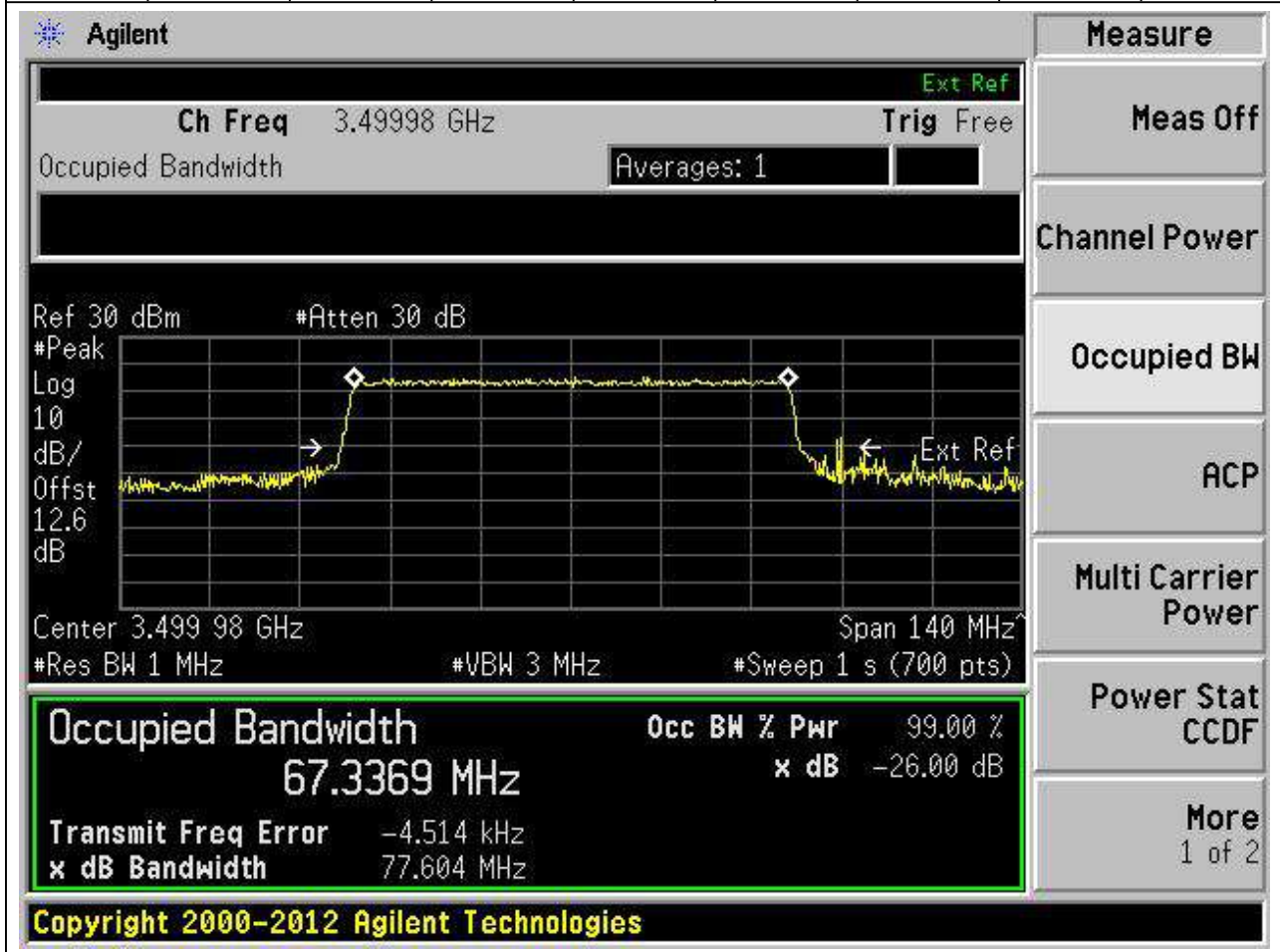
Multi Carrier Power

Power Stat CCDF

More 1 of 2

27.20. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:633332, 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
3499.98	99	26	1	Peak	67.34	77.6	70	Pass



27.21. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:634332, 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
3514.98	99	26	1	Peak	67.3	70.94	70	Pass

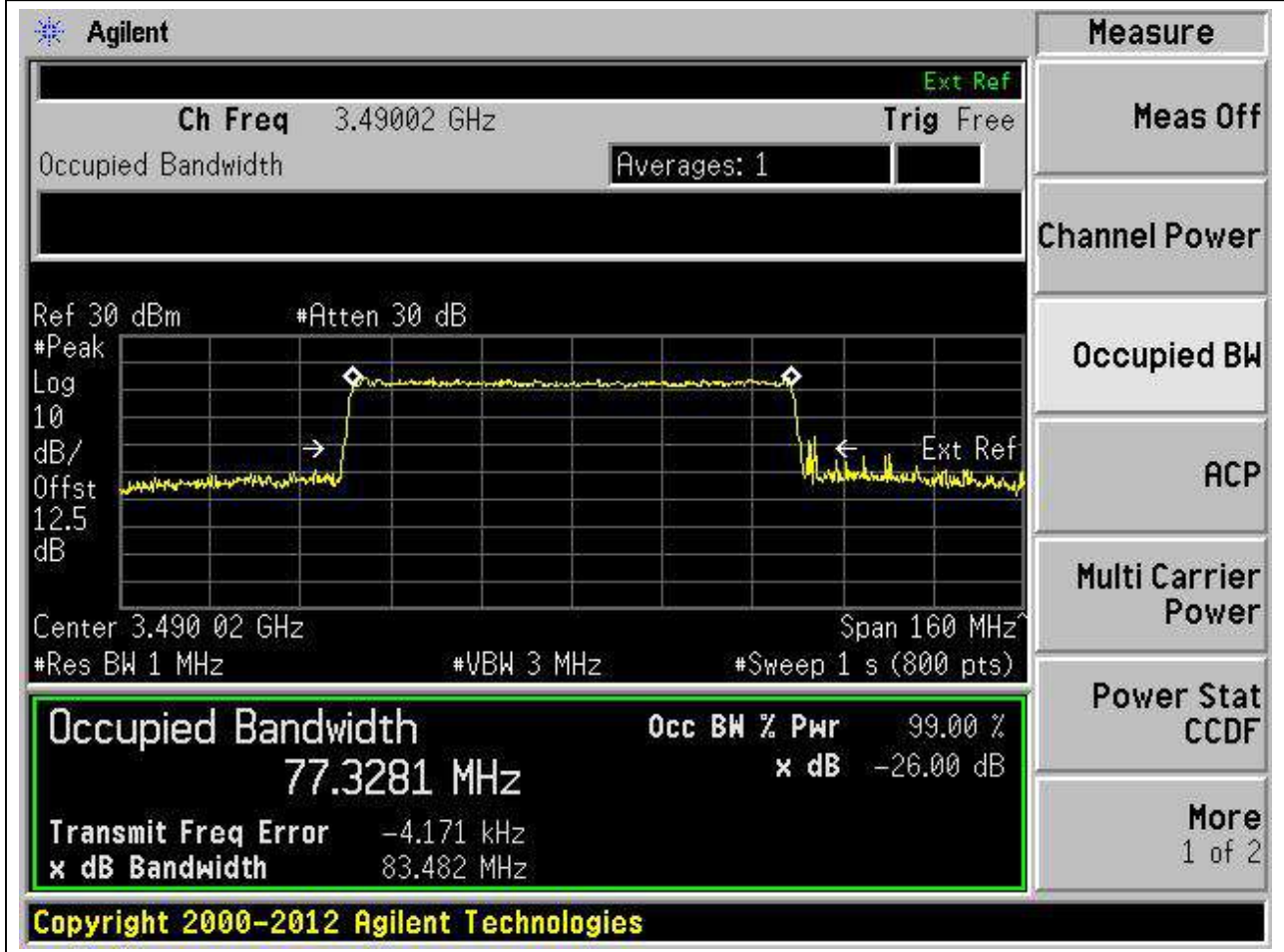
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow signal trace. The center frequency is 3.51498 GHz, and the span is 140 MHz. The occupied bandwidth is measured as 67.3043 MHz. The power is 99.00% and the XdB down is -26.00 dB. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	x dB
67.3043 MHz	99.00 %	-26.00 dB

Transmit Freq Error: -12.955 kHz
 x dB Bandwidth: 70.936 MHz

27.22. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:632668, 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
3490.02	99	26	1	Peak	77.33	83.48	80	Pass



27.23. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:633332, 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
3499.98	99	26	1	Peak	77.36	85.77	80	Pass

Agilent
Measure

Ch Freq 3.49998 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.6 dB

Center 3.499 98 GHz Span 160 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

77.3623 MHz

Transmit Freq Error 8.702 kHz

x dB Bandwidth 85.770 MHz

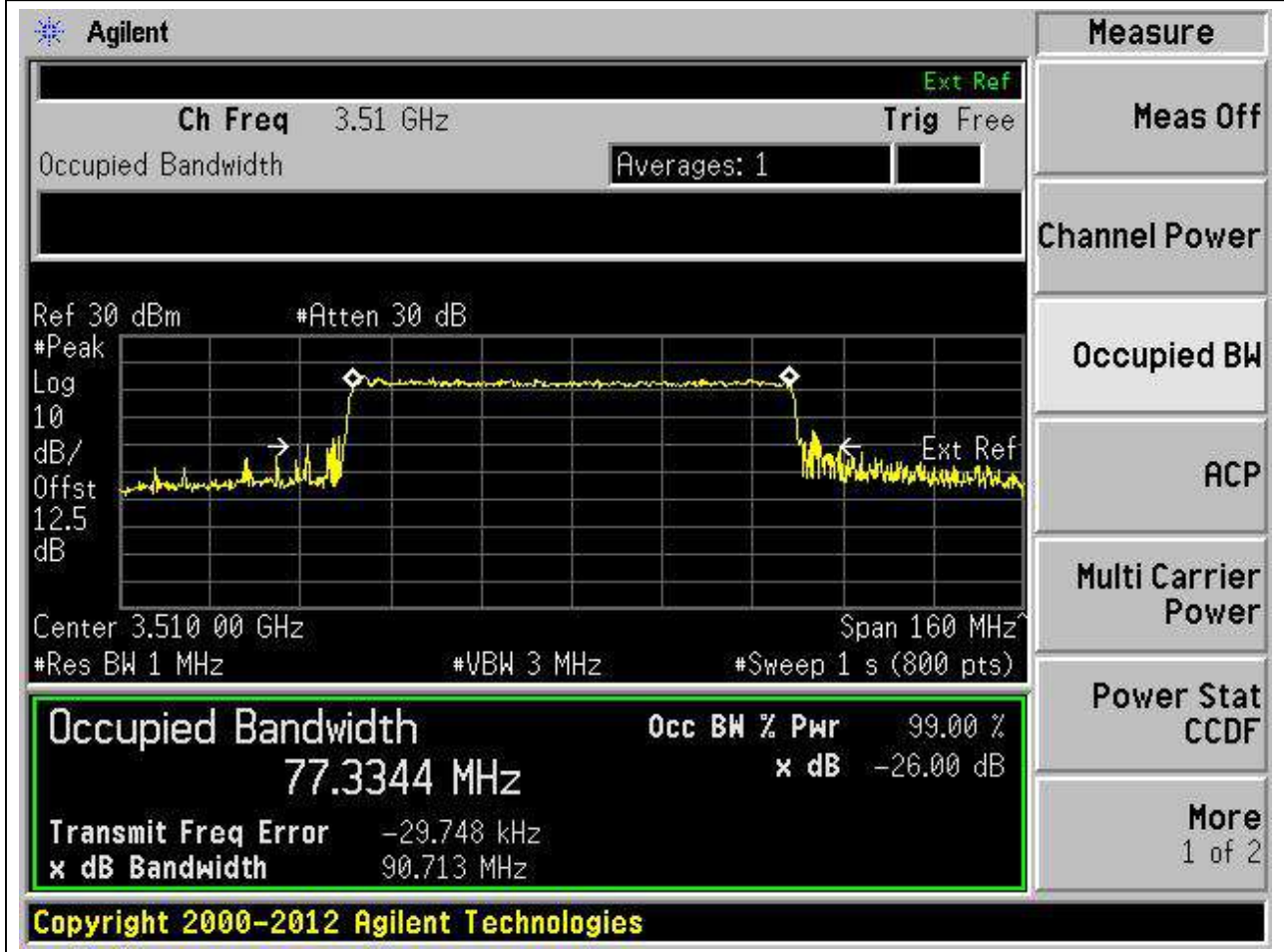
Occ BW % Pwr 99.00 %

x dB -26.00 dB

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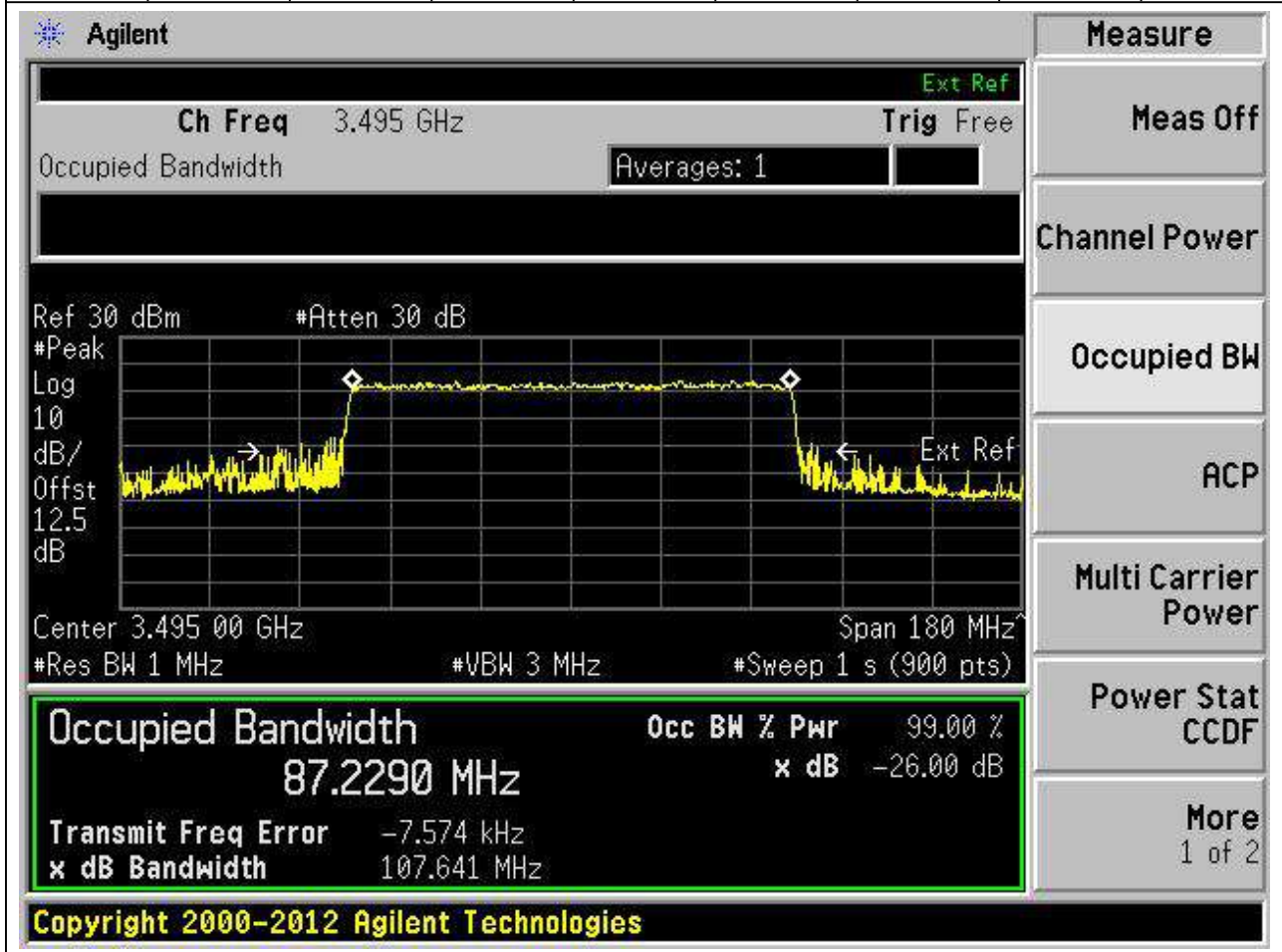
27.24. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:634000, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:217, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3510	99	26	1	Peak	77.33	90.71	80	Pass



27.25. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:633000, 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
3495	99	26	1	Peak	87.23	107.64	90	Pass



27.26. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:633332, 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
3499.98	99	26	1	Peak	87.11	90.61	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	87.1125 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	1.938 kHz
x dB Bandwidth	90.606 MHz

Additional parameters shown in the interface include: Ch Freq 3.49998 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log, 10 dB/Offst, 12.6 dB, Center 3.499 98 GHz, Span 180 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 1 s (900 pts).

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27.27. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:633666, 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
3504.99	99	26	1	Peak	87.13	91.6	90	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 3.50499 GHz. The occupied bandwidth is measured as 87.1285 MHz. The power is 99.00% and the XdB down is -26.00 dB. The transmit frequency error is -28.552 kHz and the X dB bandwidth is 91.603 MHz. The interface includes a 'Measure' panel on the right with buttons for 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	x dB
87.1285 MHz	99.00 %	-26.00 dB

Transmit Freq Error: -28.552 kHz
x dB Bandwidth: 91.603 MHz

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27.28. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:633332, 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
3499.98	99	26	1	Peak	97.02	107.74	100	Pass

Agilent
Measure

Ch Freq 3.49998 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.6 dB

Center 3.499 98 GHz Span 200 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

97.0206 MHz

Transmit Freq Error -19.380 kHz

x dB Bandwidth 107.741 MHz

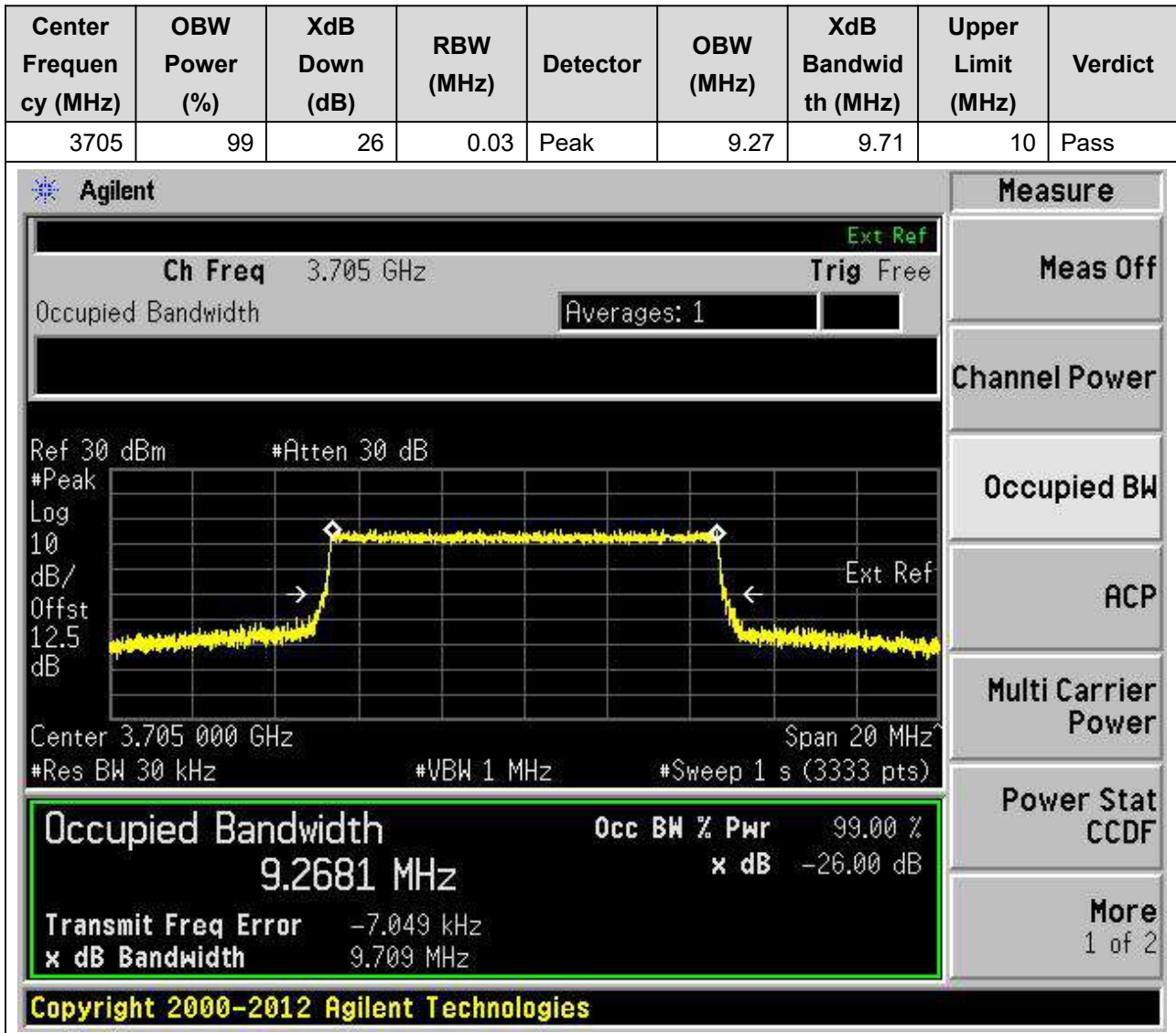
Occ BW % Pwr 99.00 %

x dB -26.00 dB

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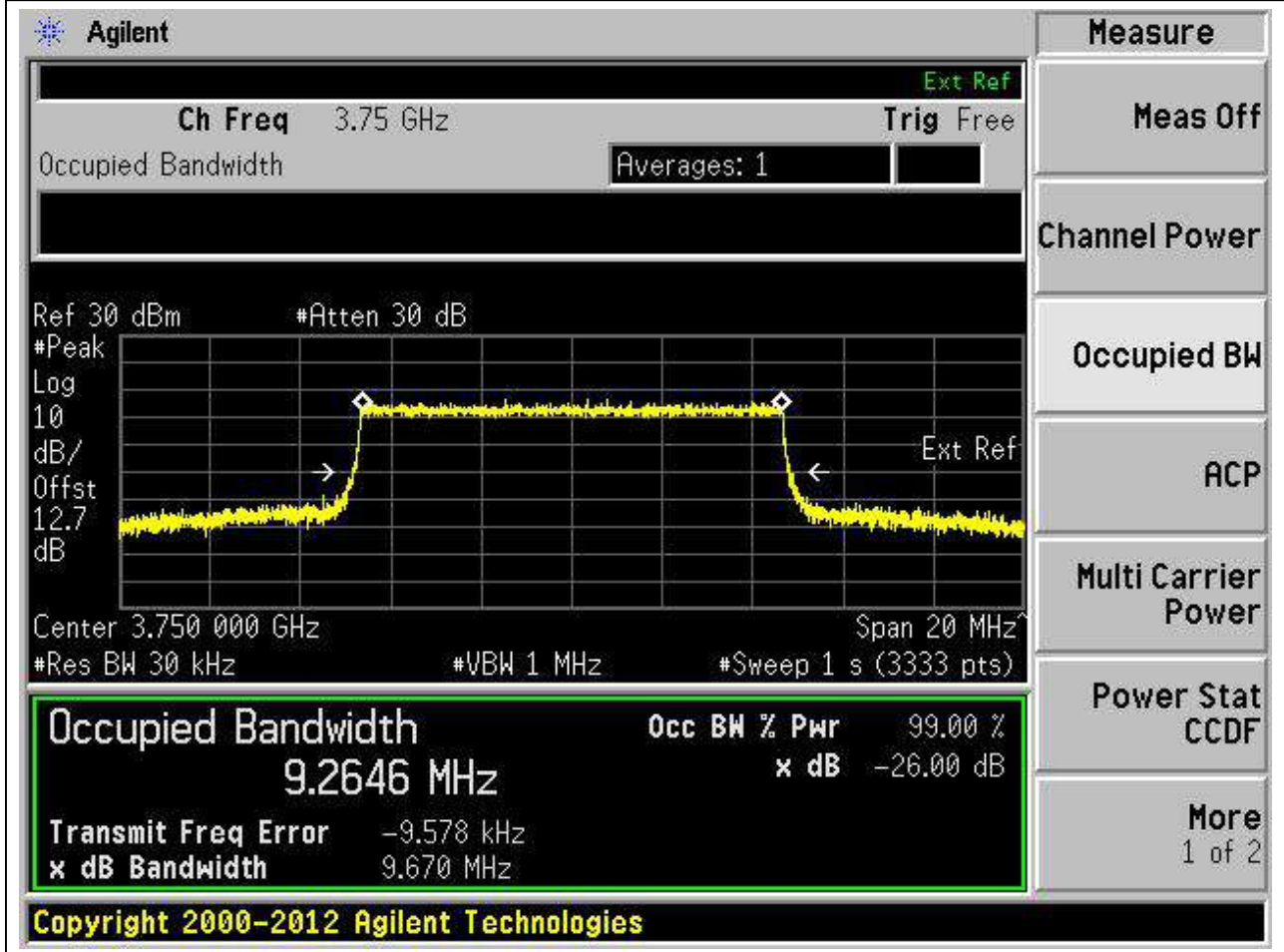
28. n78 (3700-3800)

28.1. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:647000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)



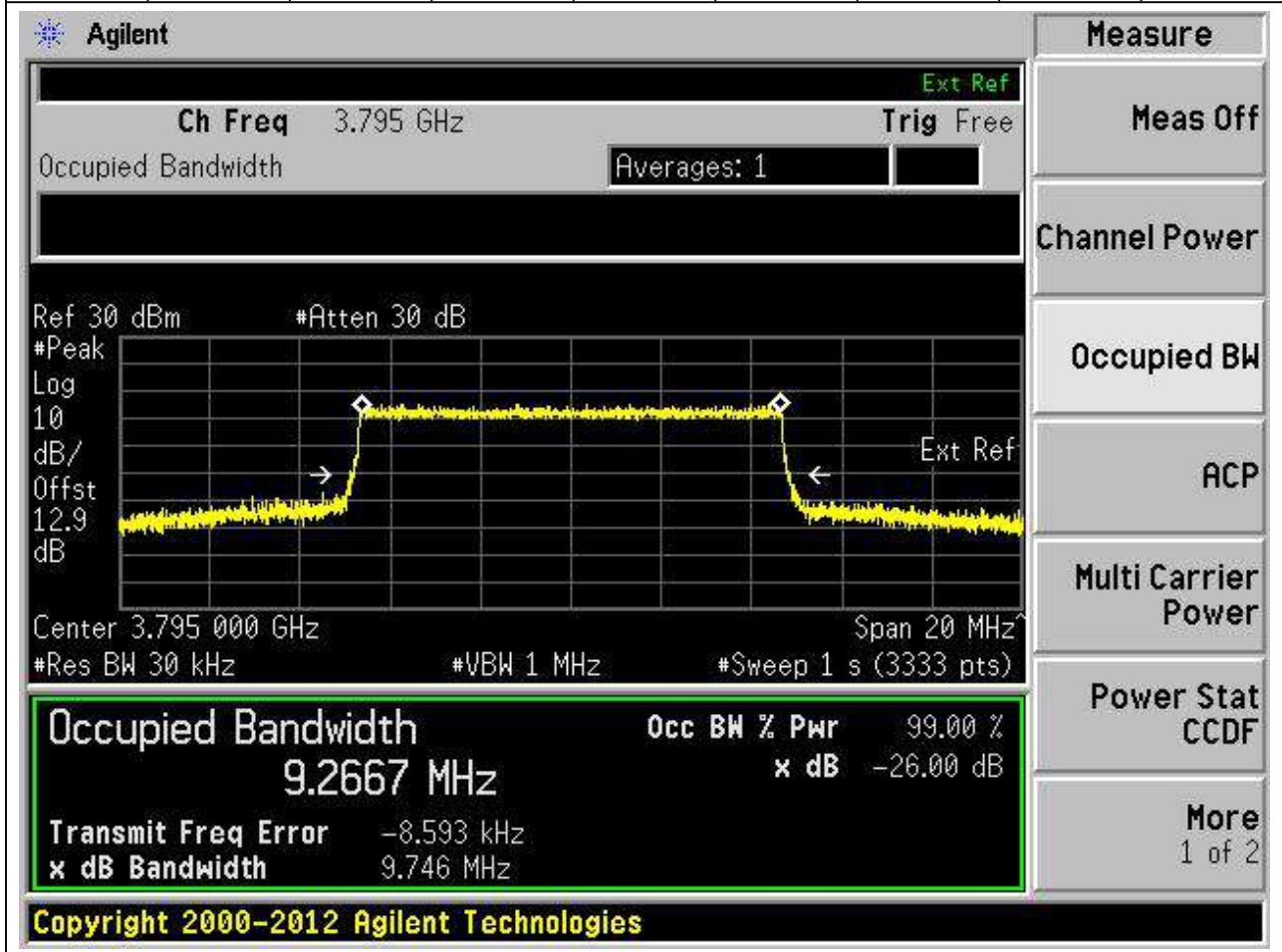
28.2. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:650000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	0.03	Peak	9.26	9.67	10	Pass



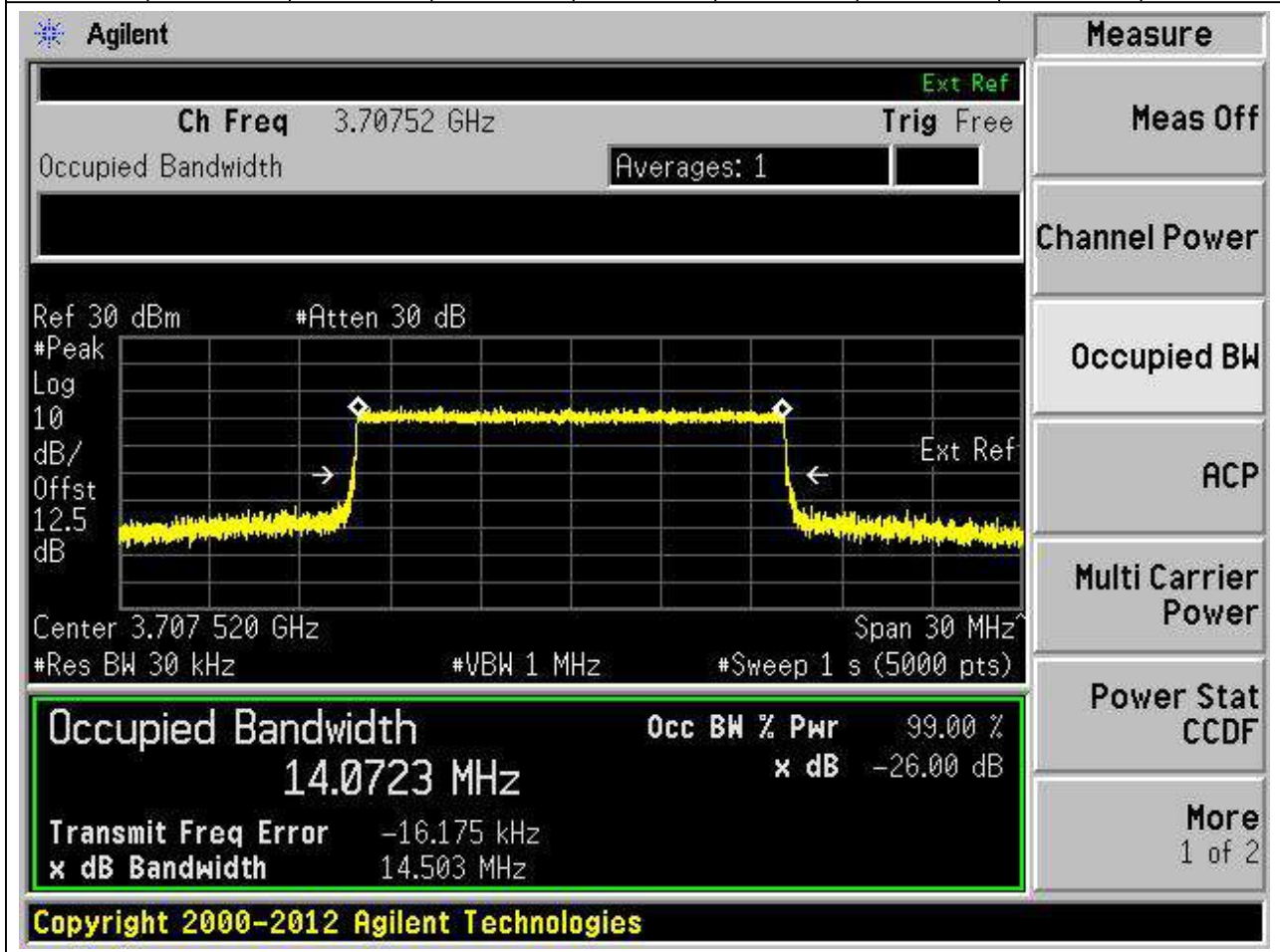
28.3. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:653000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3795	99	26	0.03	Peak	9.27	9.75	10	Pass



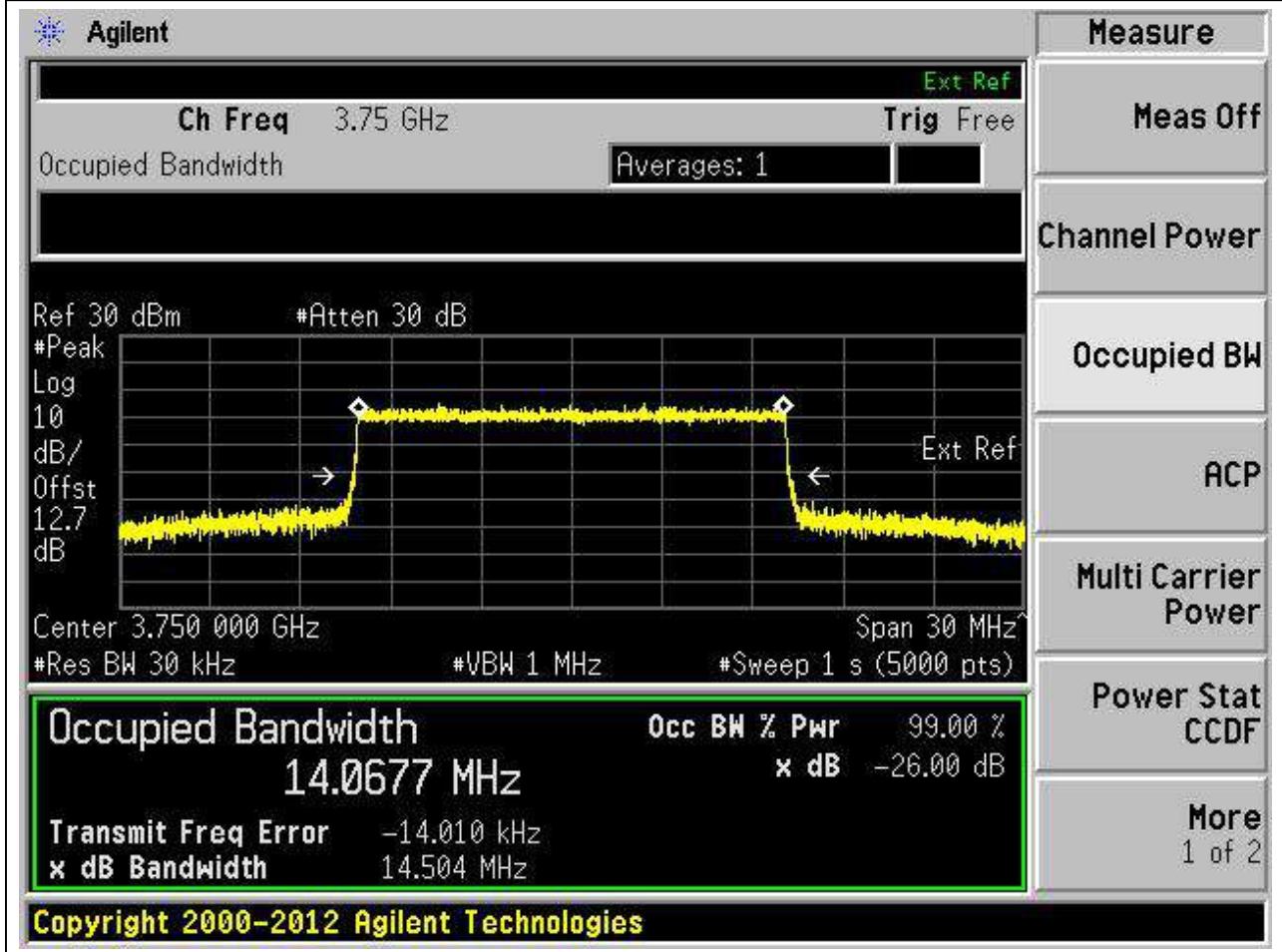
28.4. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:647168, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3707.52	99	26	0.03	Peak	14.07	14.5	15	Pass



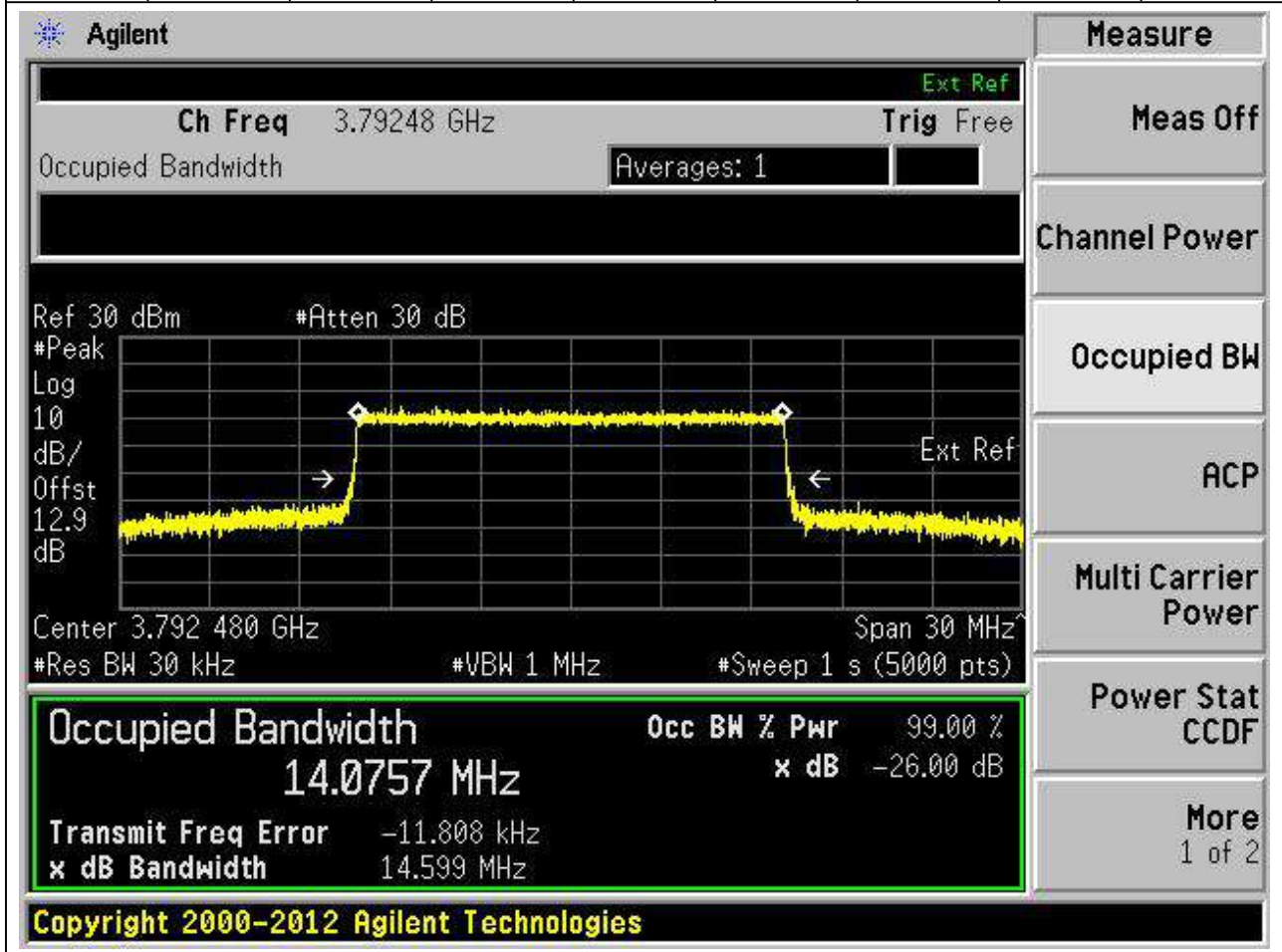
28.5. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:650000, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	0.03	Peak	14.07	14.5	15	Pass



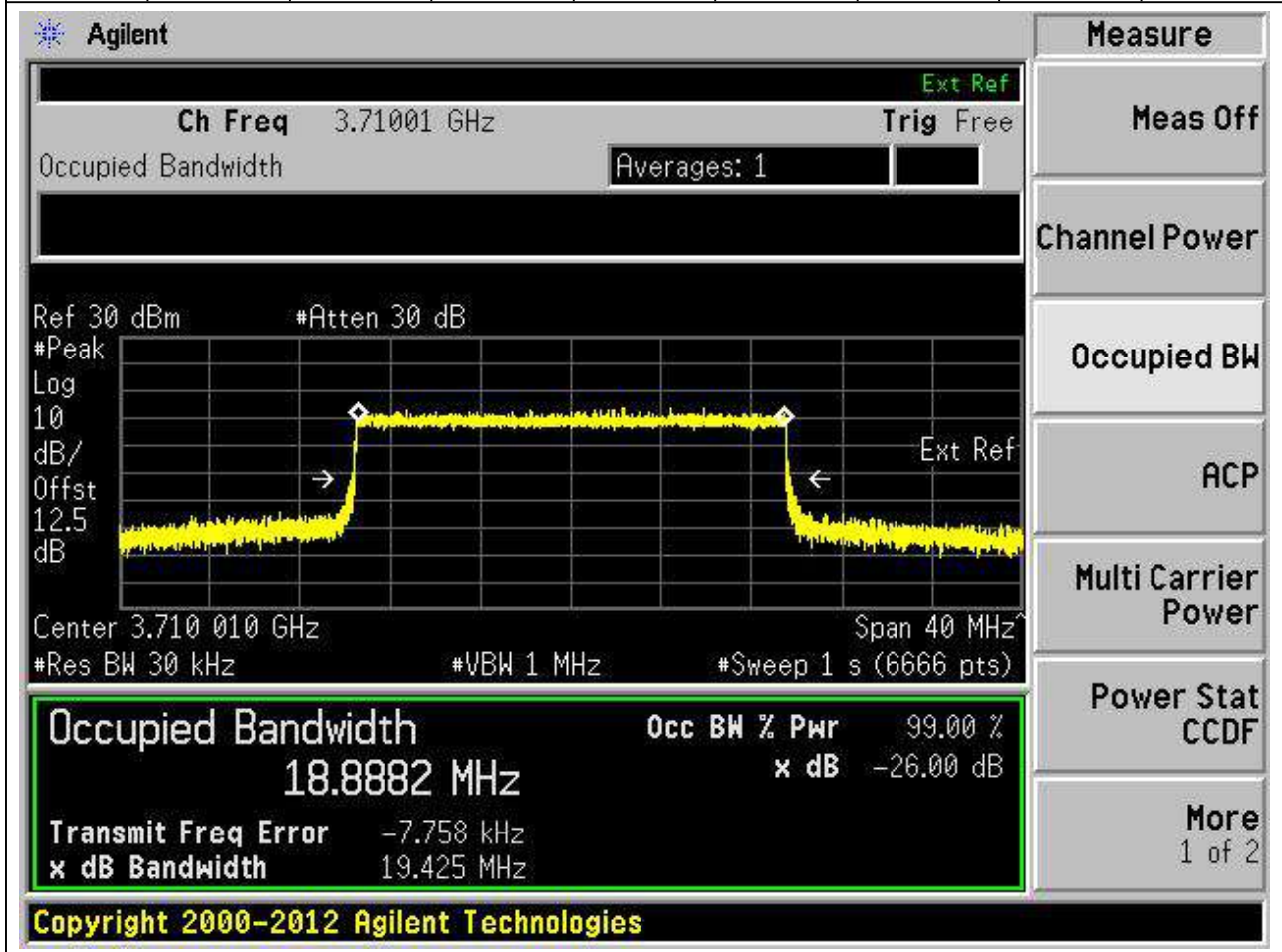
28.6. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:652832, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3792.48	99	26	0.03	Peak	14.08	14.6	15	Pass



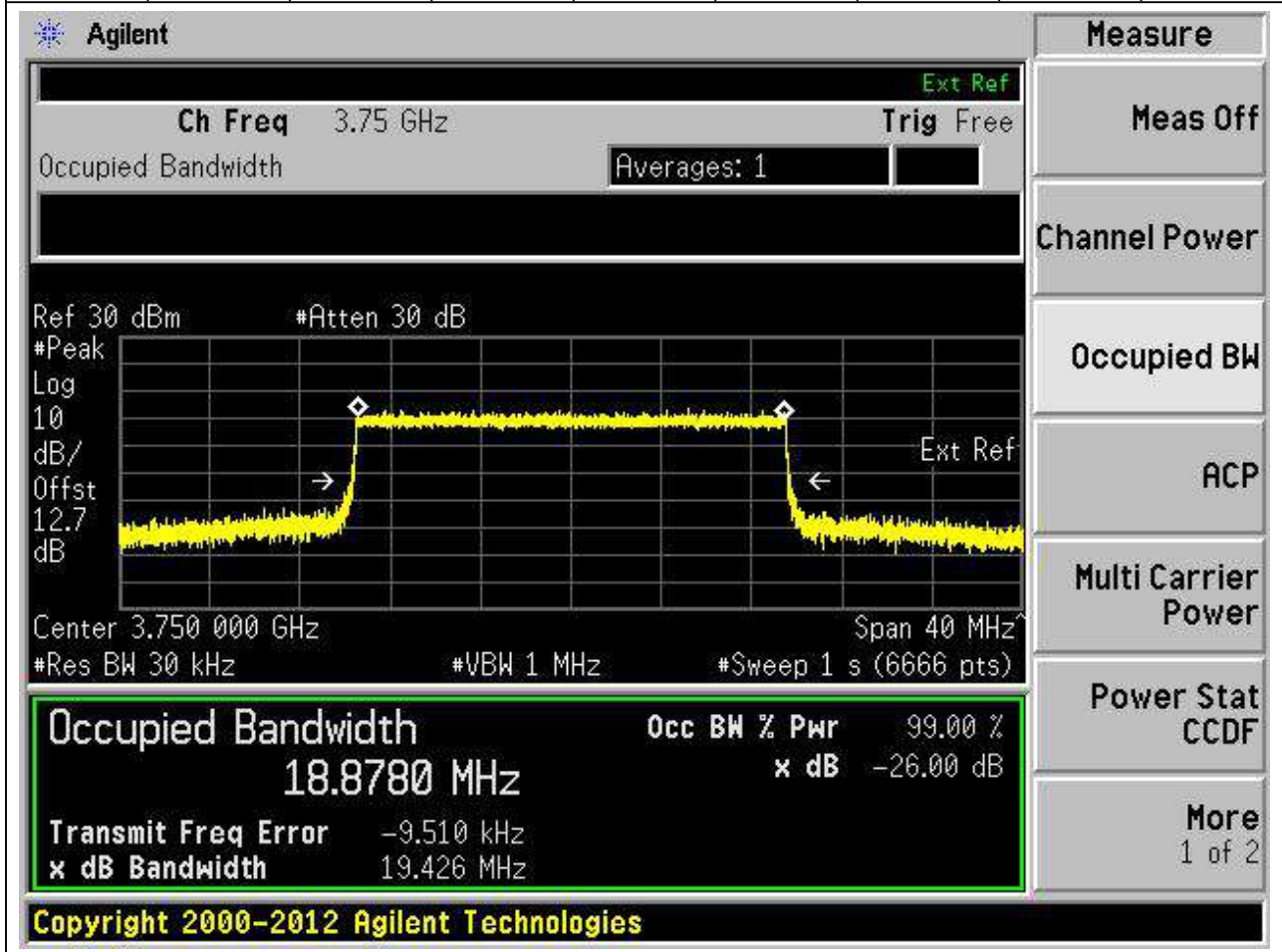
28.7. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:647334, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3710.01	99	26	0.03	Peak	18.89	19.43	20	Pass



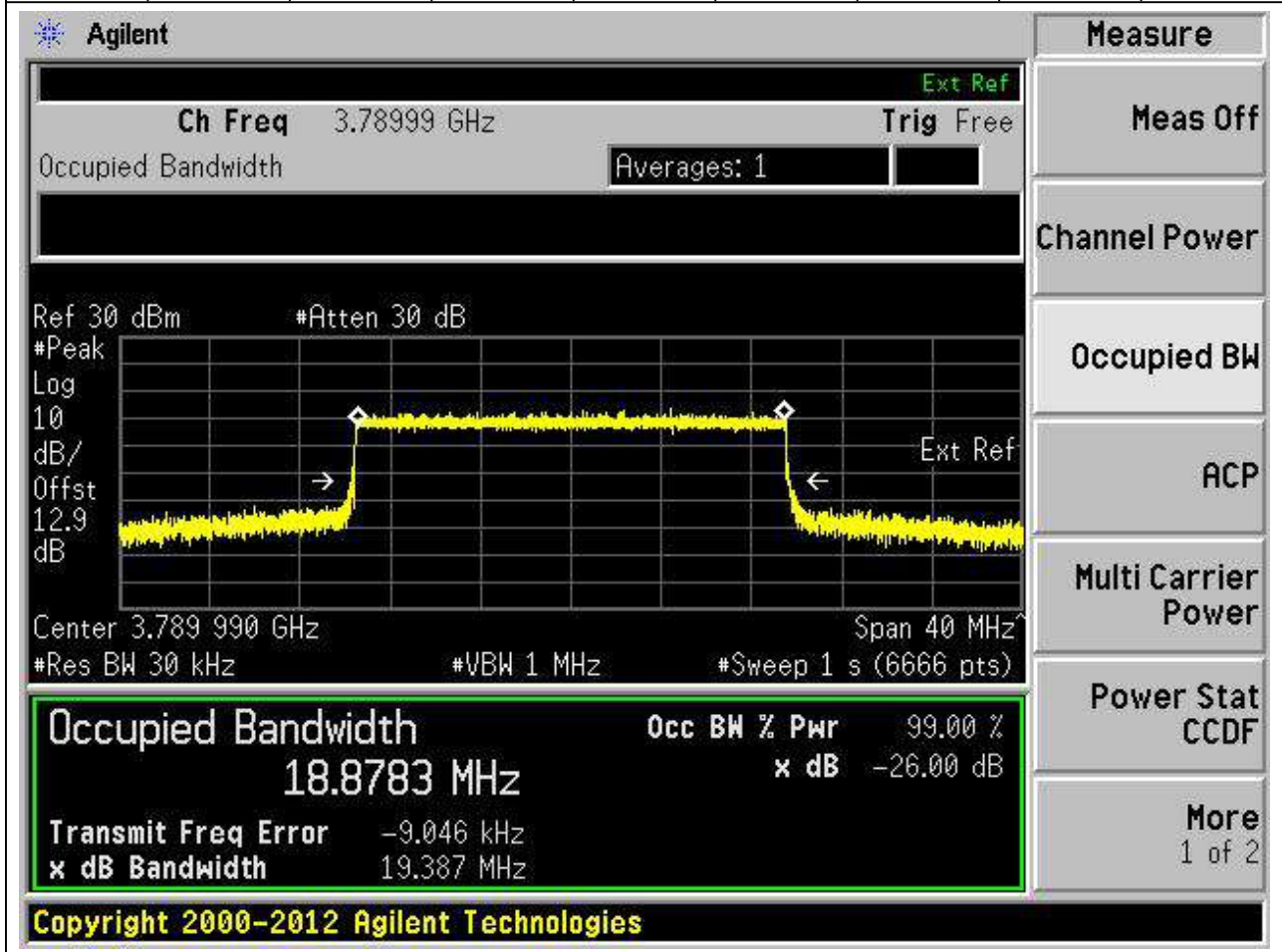
28.8. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:650000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	0.03	Peak	18.88	19.43	20	Pass



28.9. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:652666, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3789.99	99	26	0.03	Peak	18.88	19.39	20	Pass



28.10. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:648000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3720	99	26	1	Peak	38.65	41.16	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 3.72 GHz. The main display shows a spectrum plot with a yellow trace representing the signal. The plot is set to a reference level of 30 dBm and an attenuation of 30 dB. The occupied bandwidth is highlighted in a green box, showing a value of 38.6499 MHz. The percentage of power within this bandwidth is 99.00%, and the XdB bandwidth is -26.00 dB. Other parameters shown include a transmit frequency error of -34.409 kHz and an XdB bandwidth of 41.156 MHz. The interface also includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen displays the copyright information: 'Copyright 2000-2012 Agilent Technologies'.

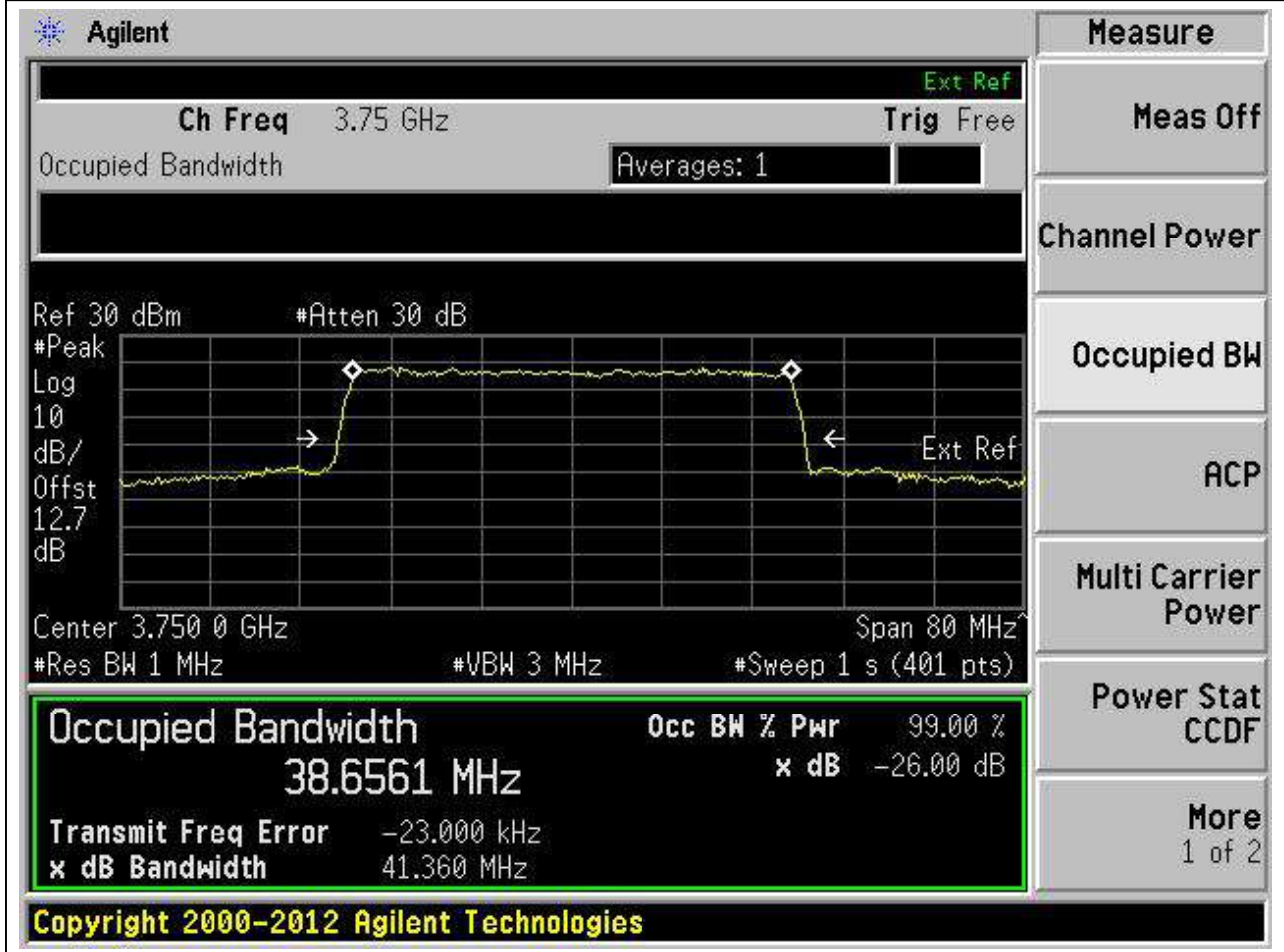
Occupied Bandwidth	Occ BW % Pwr	x dB
38.6499 MHz	99.00 %	-26.00 dB

Transmit Freq Error: -34.409 kHz
 x dB Bandwidth: 41.156 MHz

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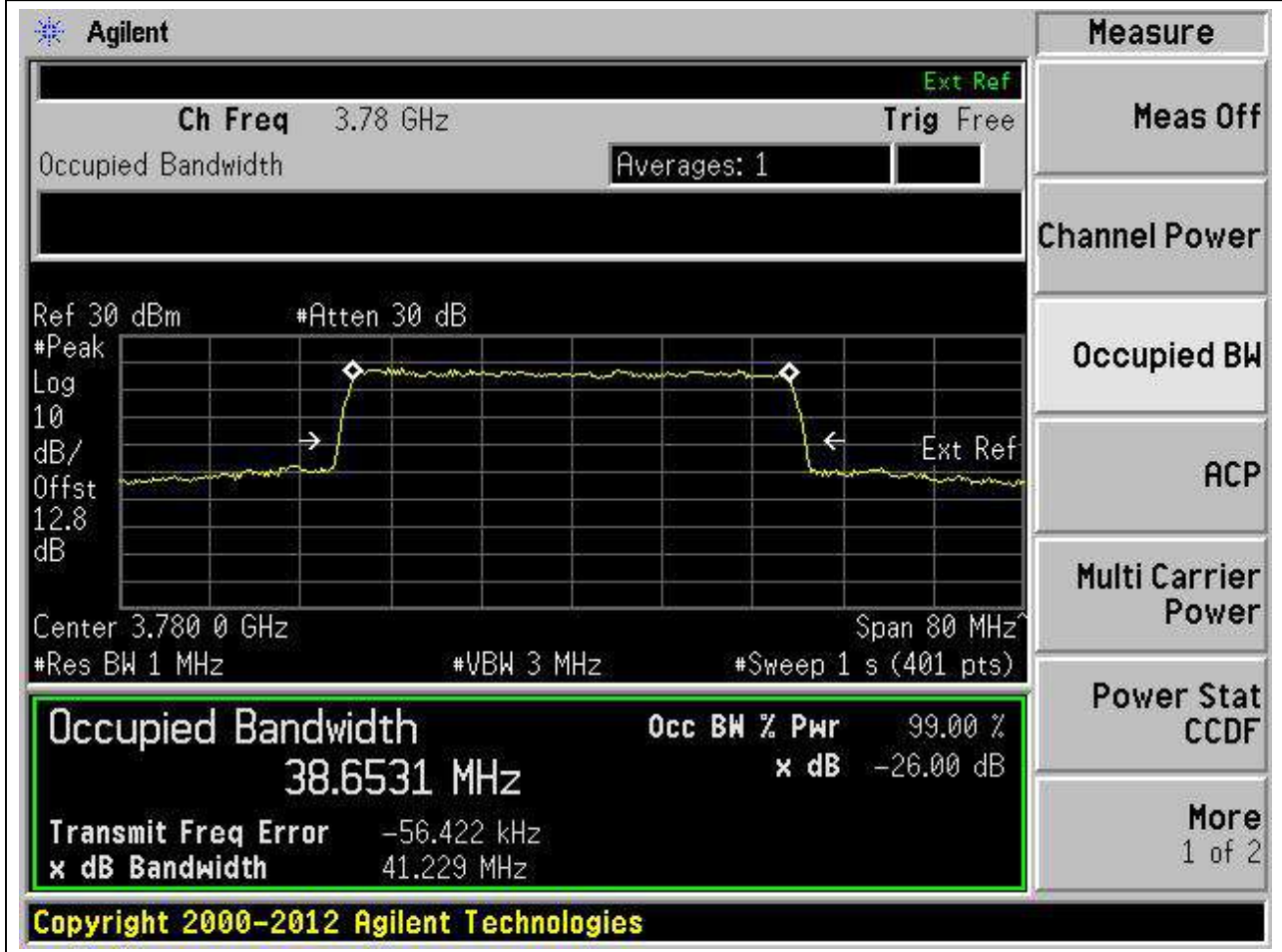
28.11. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:650000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	38.66	41.36	40	Pass



28.12. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:652000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3780	99	26	1	Peak	38.65	41.23	40	Pass



28.13. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:648334, Bandwidth:50, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:270, 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	48.2	51.06	50	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 3.72501 GHz, and the span is 100 MHz. The occupied bandwidth is measured as 48.1959 MHz. The power is 99.00% and the XdB down is -26.00 dB. The transmit frequency error is -6.425 kHz, and the XdB bandwidth is 51.063 MHz. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	x dB
48.1959 MHz	99.00 %	-26.00 dB

Transmit Freq Error: -6.425 kHz
 x dB Bandwidth: 51.063 MHz

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28.14. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:650000, Bandwidth:50, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:270, 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	48.18	51.03	50	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a peak at 3.75 GHz. The 'Occupied Bandwidth' measurement is highlighted in green, showing a value of 48.1789 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -3.670 kHz and the 'x dB Bandwidth' is 51.034 MHz. The interface also shows various settings like 'Ch Freq 3.75 GHz', 'Trig Free', 'Averages: 1', 'Ref 30 dBm', '#Atten 30 dB', 'Center 3.750 00 GHz', 'Span 100 MHz', '#Res BW 1 MHz', '#VBW 3 MHz', and '#Sweep 1 s (500 pts)'. A 'Measure' menu on the right includes options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The footer reads 'Copyright 2000-2012 Agilent Technologies'.

28.15. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:651666, Bandwidth:50, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:270, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3774.99	99	26	1	Peak	48.19	50.97	50	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 3.77499 GHz. The main display shows a spectrum plot with a yellow trace. A green box highlights the measurement results:

Occupied Bandwidth	Occ BW % Pwr	99.00 %
48.1949 MHz	x dB	-26.00 dB
Transmit Freq Error		-6.917 kHz
x dB Bandwidth		50.972 MHz

Additional parameters shown include: Center 3.774 99 GHz, Span 100 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 1 s (500 pts), #Peak Log, 10 dB/Offst, 12.8 dB, #Atten 30 dB, and Ext Ref. The right-hand side of the interface features 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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28.16. Occupied Bandwidth for SA_Part22-24-27(NTNV)(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
3728.02	99	26	1	Peak	57.61	60.76	60	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 3.73002 GHz, and the span is 120 MHz. The occupied bandwidth is highlighted as 57.6115 MHz. The power level is 99.00% and the XdB down is -26.00 dB. The interface includes various measurement controls and a 'Measure' menu on the right side.

Occupied Bandwidth	Occ BW % Pwr	x dB
57.6115 MHz	99.00 %	-26.00 dB

Other parameters shown in the screenshot include: Ch Freq 3.73002 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log, 10 dB/Offst, 12.6 dB, Center 3.730 02 GHz, Span 120 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 1 s (600 pts).

28.17. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:650000, 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
3750	99	26	1	Peak	57.59	60.87	60	Pass

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

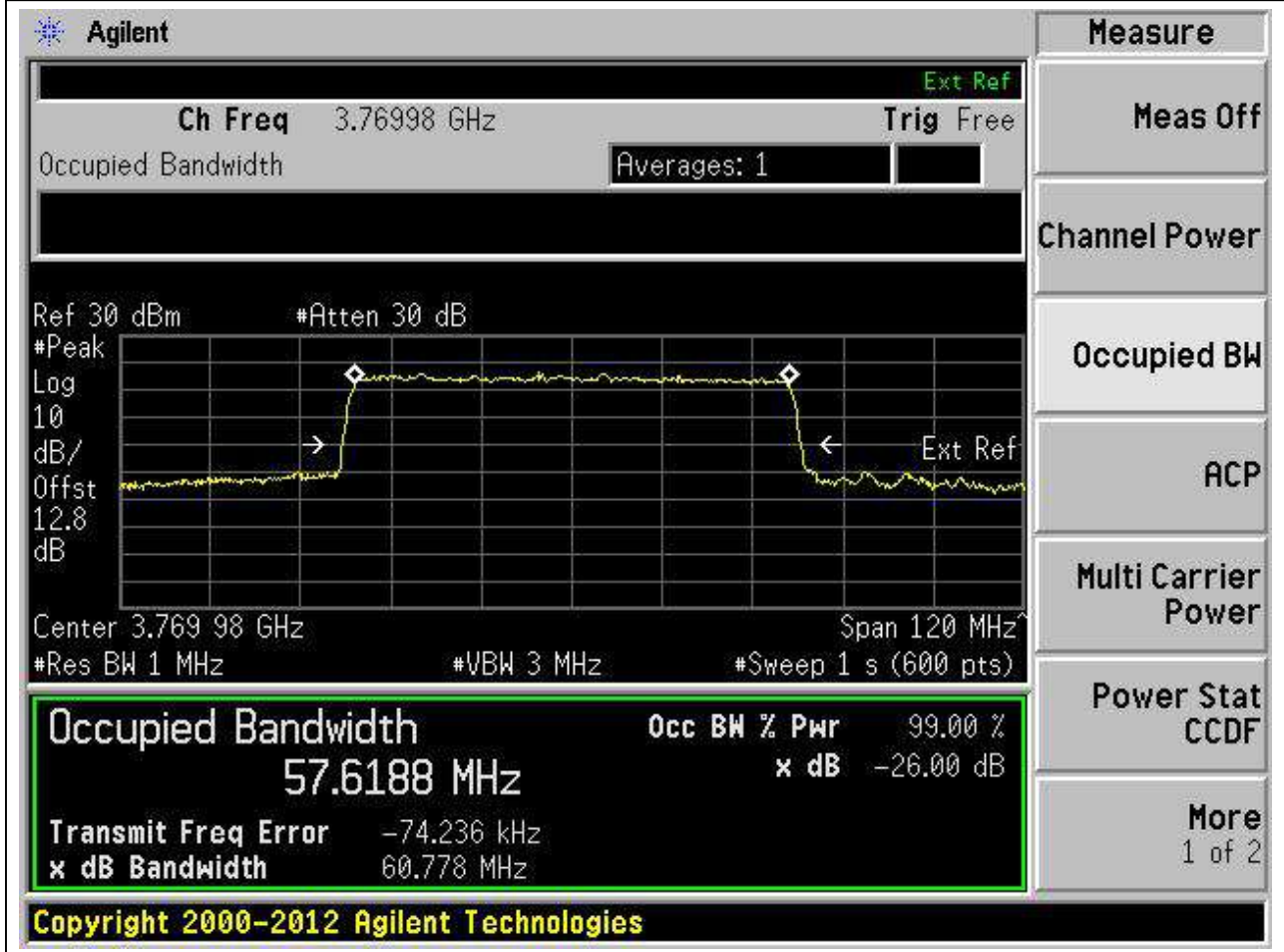
Measurement	Value
Occupied Bandwidth	57.5893 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-62.425 kHz
x dB Bandwidth	60.867 MHz

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, 12.7 dB, Center 3.750 00 GHz, Span 120 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 1 s (600 pts).

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28.18. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:651332, 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
3769.98	99	26	1	Peak	57.62	60.78	60	Pass



28.19. Occupied Bandwidth for SA_Part22-24-27(NTNV)(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	67.56	71.09	70	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows the channel frequency (3.735 GHz) and the trigger mode (Free). The main display area shows a spectrum plot with a yellow trace representing the signal. The plot includes a reference level (Ref 30 dBm) and an attenuation setting (#Atten 30 dB). The occupied bandwidth is highlighted with a green box, showing a value of 67.5563 MHz. The power level is 99.00% and the XdB bandwidth is -26.00 dB. The transmit frequency error is -76.129 kHz. The XdB bandwidth is 71.091 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. The bottom of the screen displays the copyright information: Copyright 2000-2012 Agilent Technologies.

Occupied Bandwidth	Occ BW % Pwr	x dB
67.5563 MHz	99.00 %	-26.00 dB

Transmit Freq Error: -76.129 kHz
x dB Bandwidth: 71.091 MHz

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28.20. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:650000, 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
3750	99	26	1	Peak	67.51	70.91	70	Pass

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

Measurement	Value
Occupied Bandwidth	67.5125 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-53.325 kHz
x dB Bandwidth	70.909 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, 12.7 dB, Center 3.750 00 GHz, Span 140 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 1 s (700 pts).

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28.21. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:651000, 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
3765	99	26	1	Peak	67.45	71.04	70	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace representing the signal. The plot is centered at 3.765 GHz with a span of 140 MHz. The resolution bandwidth (RBW) is 3 MHz, and the video bandwidth (VBW) is 3 MHz. The sweep time is 1 second with 700 points. The plot shows a signal with a peak level of approximately -26 dB and a bandwidth of 71.04 MHz. The occupied bandwidth is measured as 67.4504 MHz, which is 99.00% of the channel bandwidth. The transmit frequency error is -34.314 kHz. The x-axis is labeled 'x dB Bandwidth' and the y-axis is labeled 'dB/Offst'. The plot also shows an external reference (Ext Ref) signal at a higher level. 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 displays the copyright information: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
67.4504 MHz	x dB	-26.00 dB
Transmit Freq Error		-34.314 kHz
x dB Bandwidth		71.040 MHz

28.22. Occupied Bandwidth for SA_Part22-24-27(NTNV)(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	77.19	80.45	80	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 3.74001 GHz. The main display shows a spectrum plot with a yellow trace. The plot is set to a reference level of 30 dBm and an attenuation of 30 dB. The occupied bandwidth is highlighted with a green box and shows a value of 77.1906 MHz. The power level is 99.00% and the XdB bandwidth is -26.00 dB. The plot also shows a transmit frequency error of -125.188 kHz and an XdB bandwidth of 80.453 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 displays the copyright information: 'Copyright 2000-2012 Agilent Technologies'.

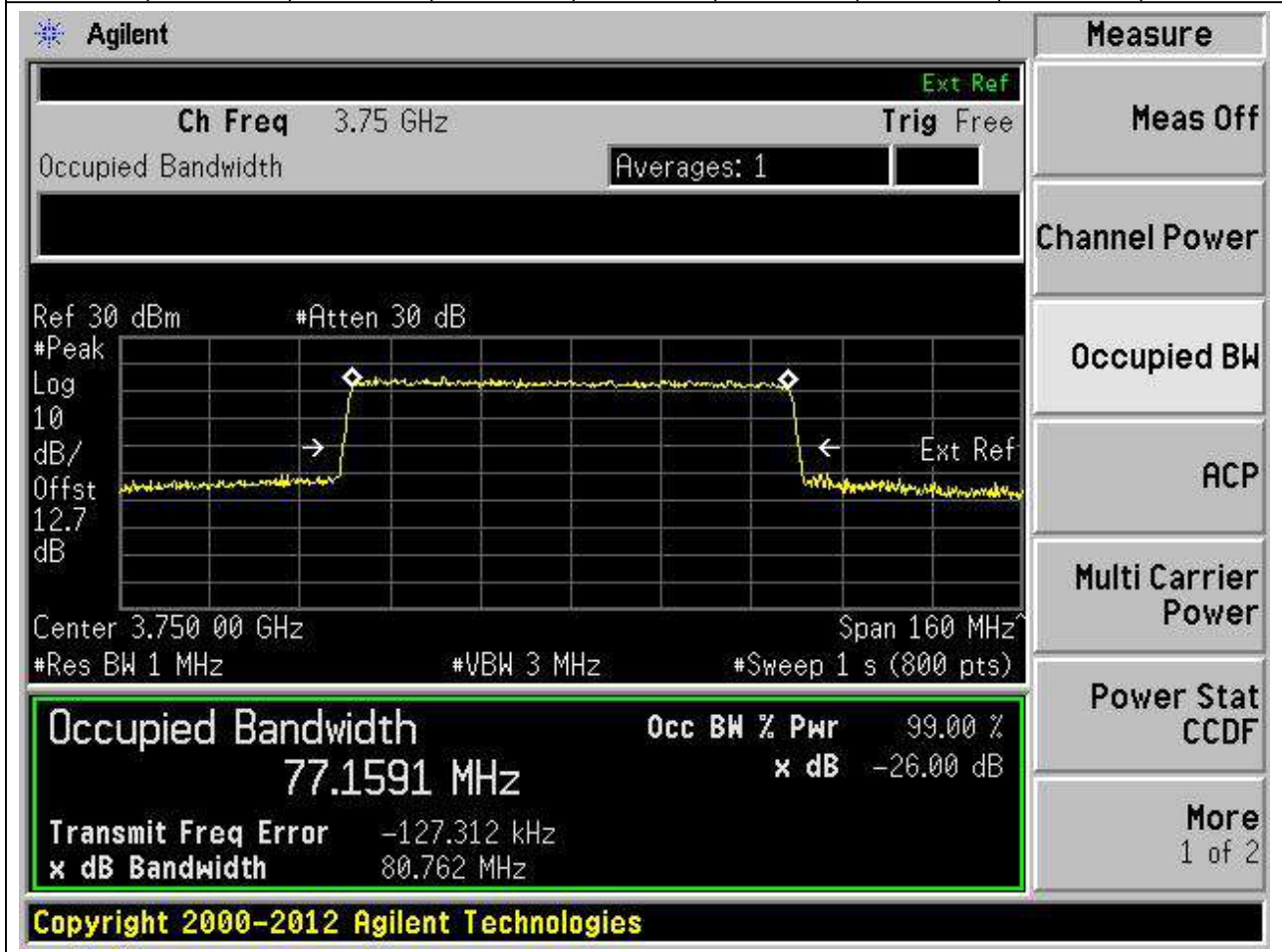
Occupied Bandwidth	Occ BW % Pwr	x dB
77.1906 MHz	99.00 %	-26.00 dB

Transmit Freq Error: -125.188 kHz
 x dB Bandwidth: 80.453 MHz

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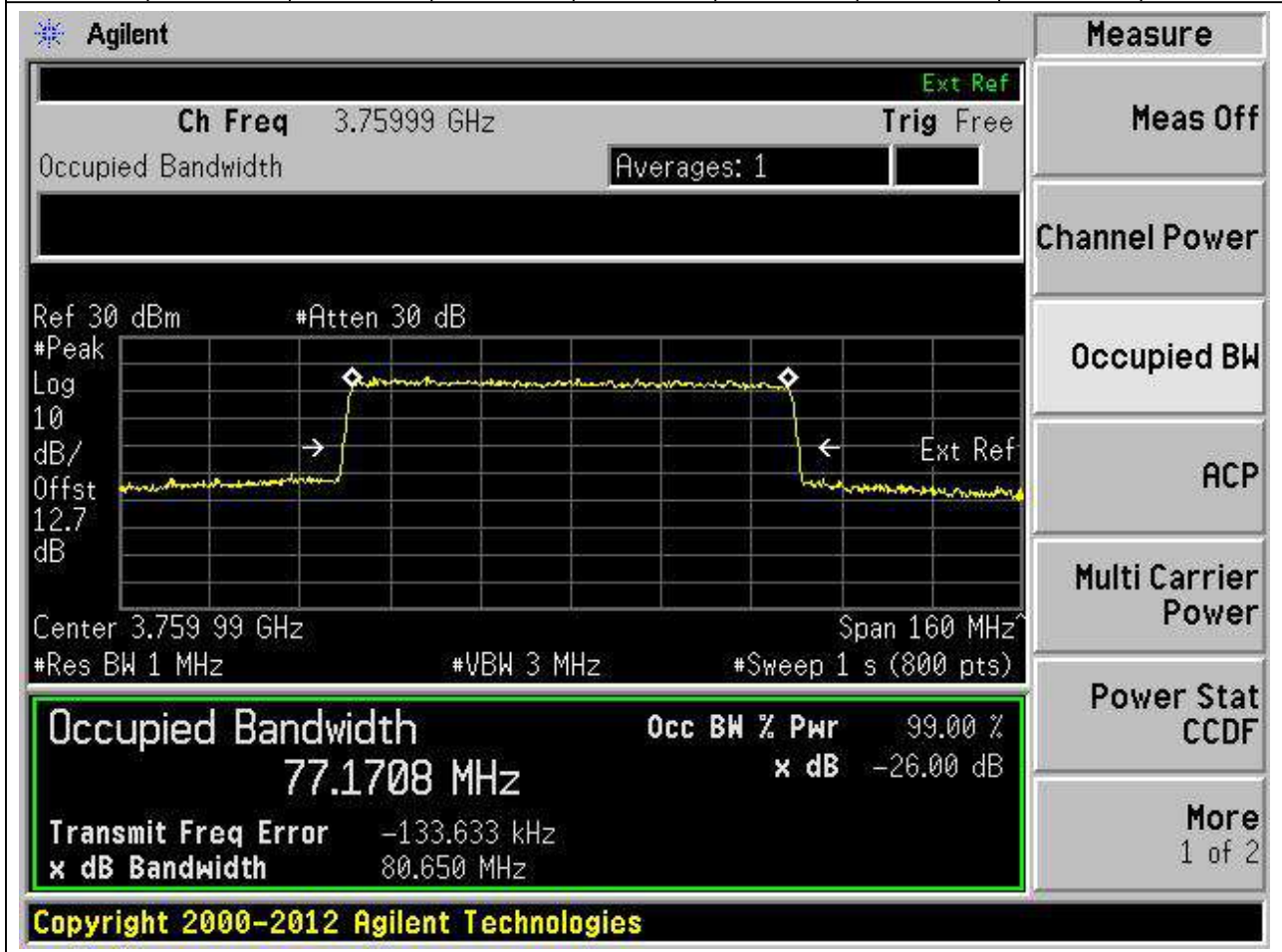
28.23. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:650000, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:217, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	77.16	80.76	80	Pass



28.24. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:650666, 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
3759.99	99	26	1	Peak	77.17	80.65	80	Pass



28.25. Occupied Bandwidth for SA_Part22-24-27(NTNV)(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	87.19	90.72	90	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 3.74502 GHz. The main display shows a spectrum plot with a yellow signal trace. The plot is set to a logarithmic scale (Log) with a resolution bandwidth (RBW) of 3 MHz and a video bandwidth (VBW) of 3 MHz. The signal level is approximately -26 dB. The occupied bandwidth is measured as 87.1942 MHz, which is 99.00% of the 90 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -111.942 kHz. The x dB bandwidth is 90.717 MHz. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	x dB
87.1942 MHz	99.00 %	-26.00 dB

Transmit Freq Error: -111.942 kHz
x dB Bandwidth: 90.717 MHz

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28.26. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:650000, 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
3750	99	26	1	Peak	87.16	90.68	90	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 3.75 GHz, and the span is 180 MHz. The occupied bandwidth is measured as 87.1564 MHz, which is 99.00% of the 90 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -102.234 kHz, and the x dB bandwidth is 90.675 MHz. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	x dB
87.1564 MHz	99.00 %	-26.00 dB

Transmit Freq Error: -102.234 kHz
x dB Bandwidth: 90.675 MHz

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28.27. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:650332, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:245, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3754.98	99	26	1	Peak	87.19	90.67	90	Pass

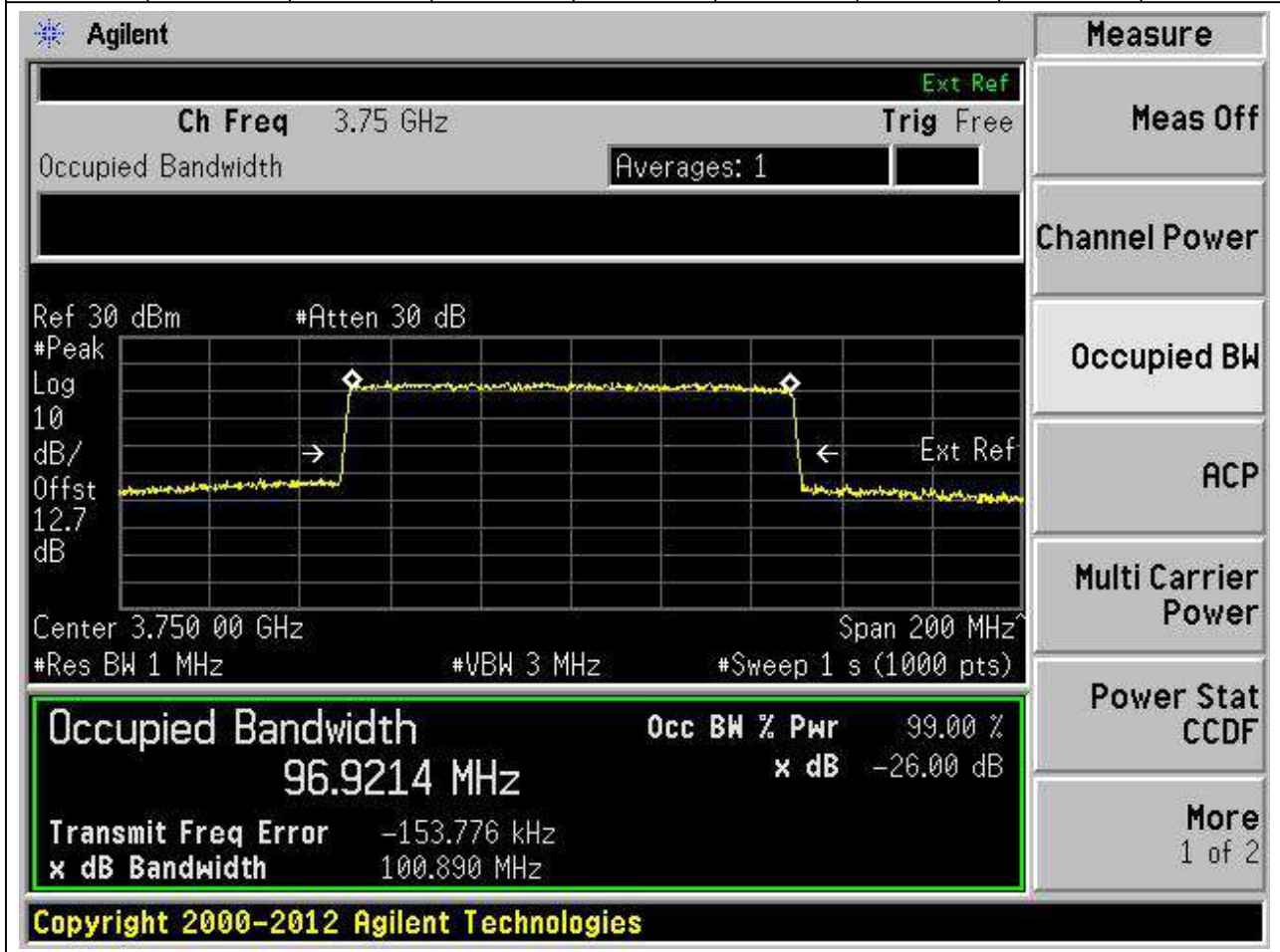
The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 3.75498 GHz. The main display shows a spectrum plot with a yellow trace. The plot is set to a 10 dB/Div scale and a 180 MHz span. The occupied bandwidth is highlighted as 87.1867 MHz. The power level 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 for Agilent Technologies from 2000 to 2012.

Occupied Bandwidth	Occ BW % Pwr	x dB
87.1867 MHz	99.00 %	-26.00 dB

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28.28. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:650000, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:273, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	96.92	100.89	100	Pass



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