

24.5. Occupied Bandwidth for SA(NTNV)(Channel:349000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.03	Peak	9.27	9.76	10	Pass

Agilent

Ch Freq 1.745 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.2 dB

Center 1.745 000 GHz Span 20 MHz

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

Occupied Bandwidth 9.2726 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -10.340 kHz

x dB Bandwidth 9.756 MHz

Copyright 2000-2012 Agilent Technologies

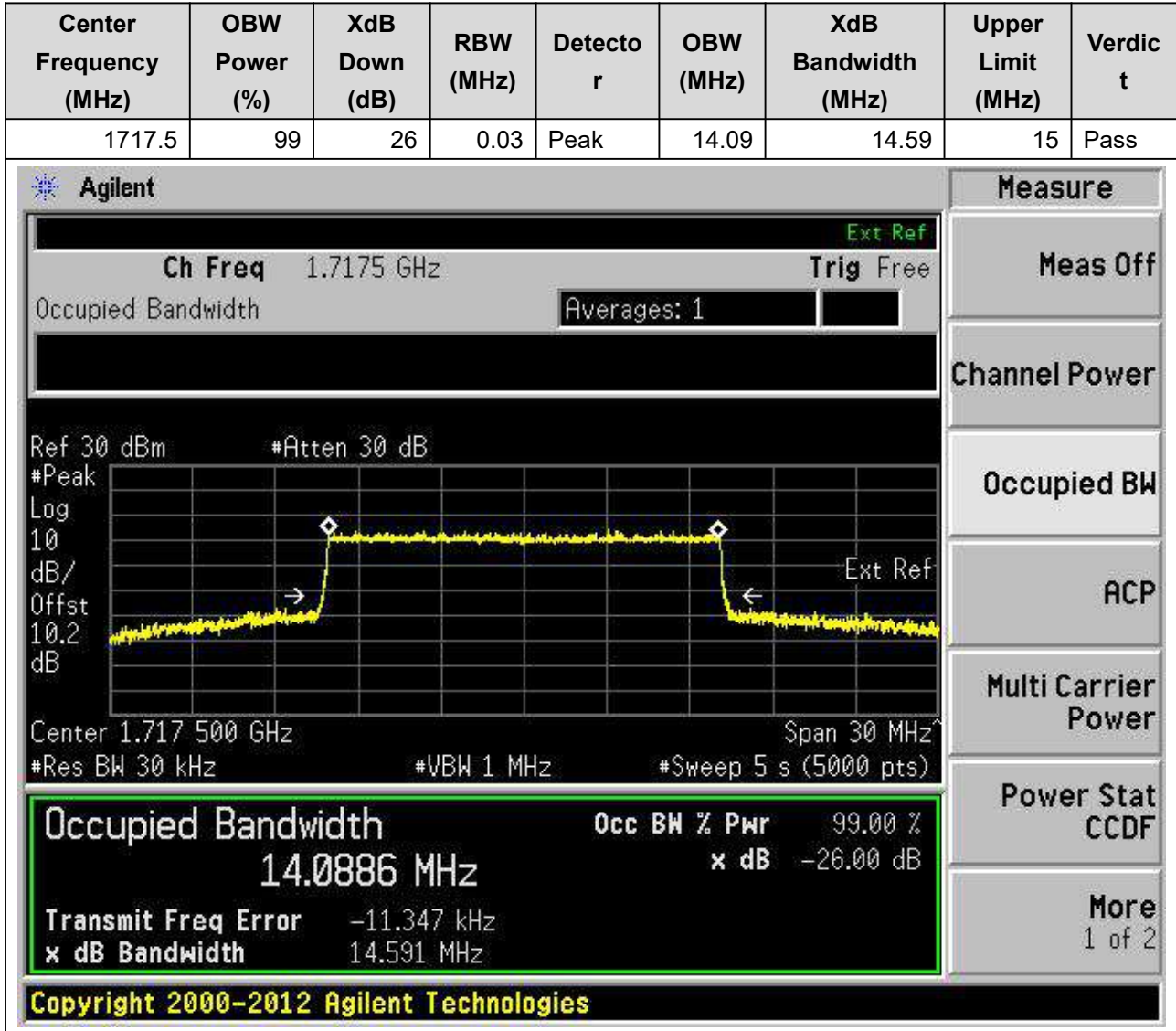
24.6. Occupied Bandwidth for SA(NTNV)(Channel:355000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1775	99	26	0.03	Peak	9.27	9.77	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 1.775 GHz, and the span is 20 MHz. The occupied bandwidth is measured as 9.2675 MHz, which is 99.00% of the power. The XdB down is -26.00 dB. The transmit frequency error is -7.231 kHz, and the XdB bandwidth is 9.769 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 %
9.2675 MHz	x dB	-26.00 dB
Transmit Freq Error	-7.231 kHz	
x dB Bandwidth	9.769 MHz	

24.7. Occupied Bandwidth for SA(NTNV)(Channel:343500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)



24.8. Occupied Bandwidth for SA(NTNV)(Channel:349000, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.03	Peak	14.09	14.5	15	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow signal trace. The plot is set to a center frequency of 1.745 GHz and a span of 30 MHz. The signal level is approximately -26 dB. The Occupied Bandwidth (OBW) is measured as 14.0858 MHz, which is 99.00% of the total power. The XdB Bandwidth is 14.504 MHz. The interface also shows various measurement parameters such as Res BW (30 kHz), VBW (1 MHz), and Sweep (5 s). A vertical bar on the right side of the screen contains several measurement options, with 'Occupied BW' being the selected option.

Occupied Bandwidth	Occ BW % Pwr	x dB
14.0858 MHz	99.00 %	-26.00 dB

Copyright 2000-2012 Agilent Technologies

24.9. Occupied Bandwidth for SA(NTNV)(Channel:354500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1772.5	99	26	0.03	Peak	14.1	14.57	15	Pass

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

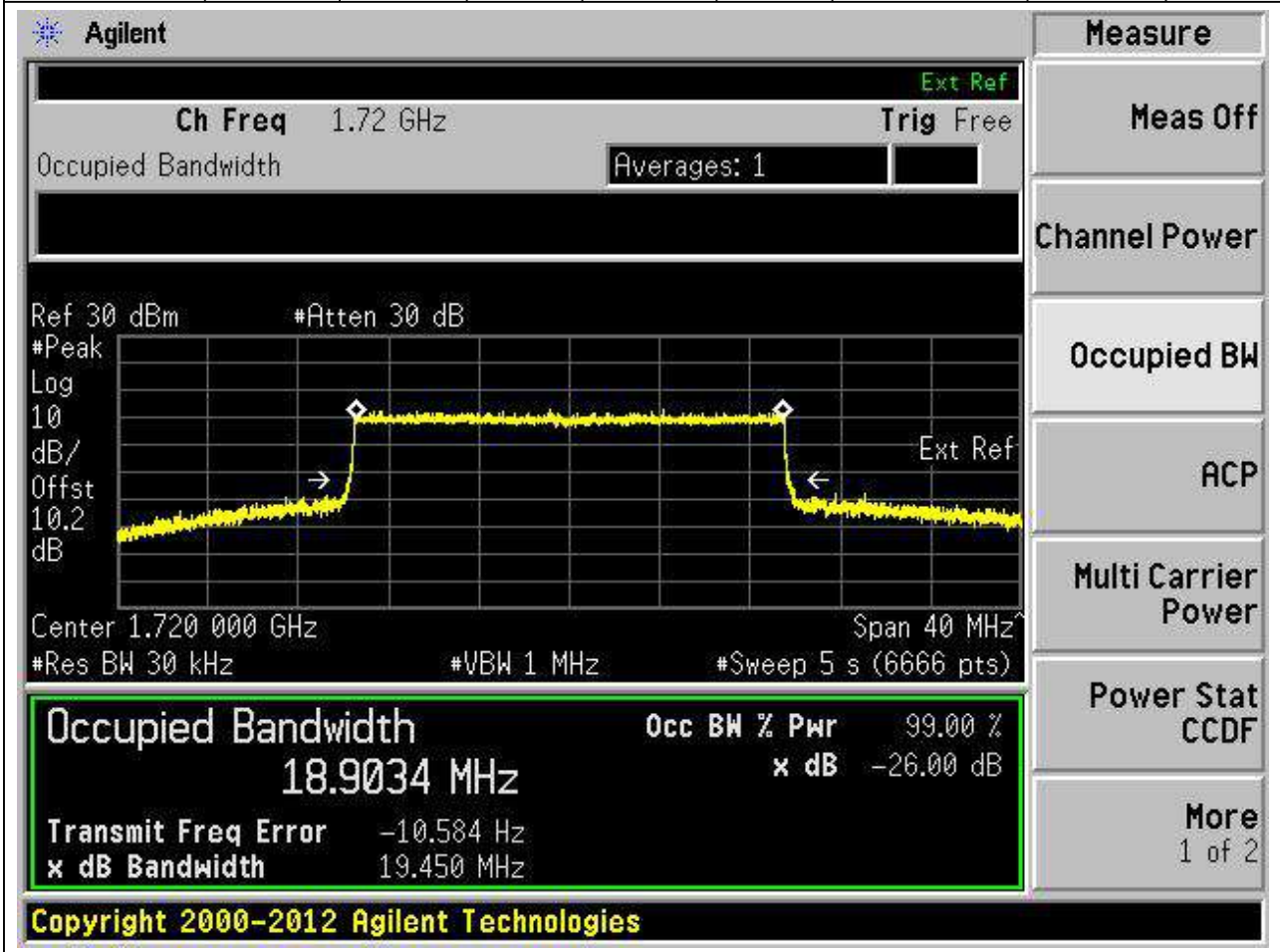
Occupied Bandwidth	Occ BW % Pwr	99.00 %
14.0951 MHz	x dB	-26.00 dB
Transmit Freq Error	-10.143 kHz	
x dB Bandwidth	14.572 MHz	

Additional parameters shown in the interface include: Ch Freq 1.7725 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log, 10 dB/Offst, 10.2 dB, Center 1.772 500 GHz, Span 30 MHz, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 5 s (5000 pts).

Copyright 2000-2012 Agilent Technologies

24.10. Occupied Bandwidth for SA(NTNV)(Channel:344000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1720	99	26	0.03	Peak	18.9	19.45	20	Pass



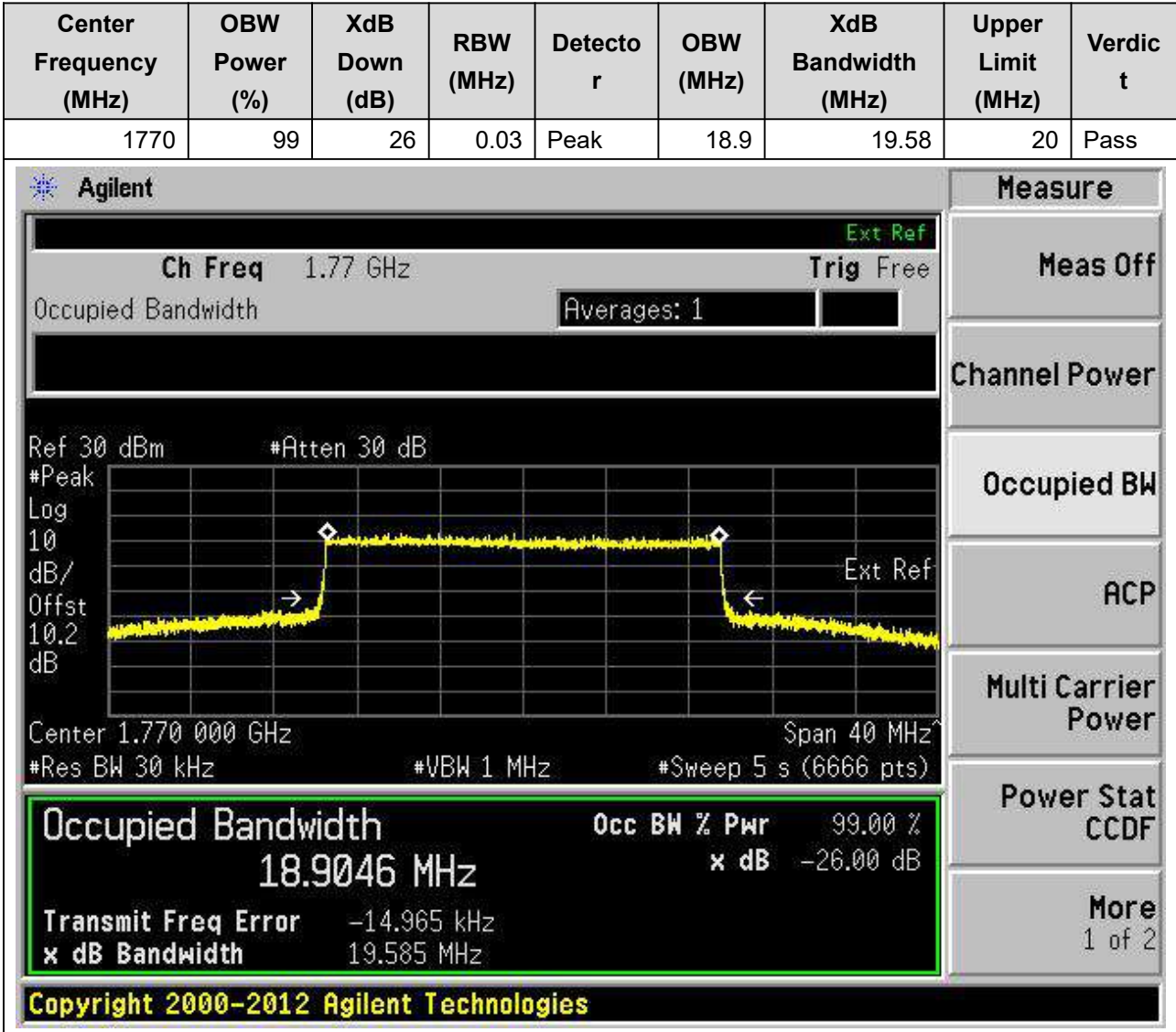
24.11. Occupied Bandwidth for SA(NTNV)(Channel:349000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.03	Peak	18.9	19.49	20	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 1.745 GHz, and the span is 40 MHz. The occupied bandwidth is measured as 18.9029 MHz, which is 99.00% of the power. The XdB down is -26.00 dB. The transmit frequency error is 5.907 kHz, and the x dB bandwidth is 19.486 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 %
18.9029 MHz	x dB	-26.00 dB
Transmit Freq Error	5.907 kHz	
x dB Bandwidth	19.486 MHz	

24.12. Occupied Bandwidth for SA(NTNV)(Channel:354000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)



24.13. Occupied Bandwidth for SA(NTNV)(Channel:344500, Bandwidth:25, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1722.5	99	26	1	Peak	24.22	31.34	25	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a peak at 1.7225 GHz. The Occupied Bandwidth (OBW) is measured as 24.2244 MHz, which is 99.00% of the power. The XdB Bandwidth is 31.342 MHz, and the XdB Down is -26.00 dB. The transmit frequency error is 26.824 kHz. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
24.2244 MHz	x dB	-26.00 dB
Transmit Freq Error	26.824 kHz	
x dB Bandwidth	31.342 MHz	

24.14. Occupied Bandwidth for SA(NTNV)(Channel:349000, Bandwidth:25, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	1	Peak	24.18	27.88	25	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a peak at 1.745 GHz. The measurement results are summarized in the bottom section:

Occupied Bandwidth	Occ BW % Pwr
24.1792 MHz	99.00 %
Transmit Freq Error	20.067 kHz
x dB Bandwidth	27.879 MHz
	x dB -26.00 dB

Additional parameters shown in the interface include: Ch Freq 1.745 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst 10.2 dB, Center 1.745 000 GHz, Span 50 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

Copyright 2000-2012 Agilent Technologies

24.15. Occupied Bandwidth for SA(NTNV)(Channel:353500, Bandwidth:25, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1767.5	99	26	1	Peak	24.22	31.73	25	Pass

Agilent
Measure

Ext Ref

Ch Freq 1.7675 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

10.2

dB

Center 1.767 500 GHz Span 50 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

24.2209 MHz x dB -26.00 dB

Transmit Freq Error -28.269 kHz

x dB Bandwidth 31.734 MHz

Copyright 2000-2012 Agilent Technologies

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

24.16. Occupied Bandwidth for SA(NTNV)(Channel:345000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:160, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1725	99	26	1	Peak	28.99	32.87	30	Pass

Occupied Bandwidth 28.9855 MHz

Occ BW % Pwr 99.00 %
x dB -26.00 dB

Transmit Freq Error -75.222 kHz
x dB Bandwidth 32.870 MHz

Copyright 2000-2012 Agilent Technologies

24.18. Occupied Bandwidth for SA(NTNV)(Channel:353000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:160, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1765	99	26	1	Peak	28.96	33.19	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 1.765 GHz, and the span is 60 MHz. The occupied bandwidth is measured as 28.9620 MHz, which is 99.00% of the 30 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -113.245 kHz. The XdB bandwidth is 33.191 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 %
28.9620 MHz	x dB	-26.00 dB
Transmit Freq Error	-113.245 kHz	
x dB Bandwidth	33.191 MHz	

24.19. Occupied Bandwidth for SA(NTNV)(Channel:346000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1730	99	26	1	Peak	38.84	41.32	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a peak at 1.73 GHz. The measurement results are summarized in the bottom section:

Occupied Bandwidth	Occ BW % Pwr	x dB
38.8362 MHz	99.00 %	-26.00 dB

Additional parameters shown include: Center 1.730 0 GHz, Span 80 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts). The interface also includes a 'Measure' menu with options like Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

Copyright 2000-2012 Agilent Technologies

24.20. Occupied Bandwidth for SA(NTNV)(Channel:349000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	1	Peak	38.85	41.49	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a peak at 1.745 GHz. The measurement results are summarized in the bottom section:

Measurement	Value
Occupied Bandwidth	38.8461 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-16.650 kHz
x dB Bandwidth	41.485 MHz

Additional parameters shown in the interface include: Ch Freq 1.745 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst, 10.2 dB, Center 1.745 0 GHz, Span 80 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

Copyright 2000-2012 Agilent Technologies

24.21. Occupied Bandwidth for SA(NTNV)(Channel:352000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1760	99	26	1	Peak	38.76	41.35	40	Pass

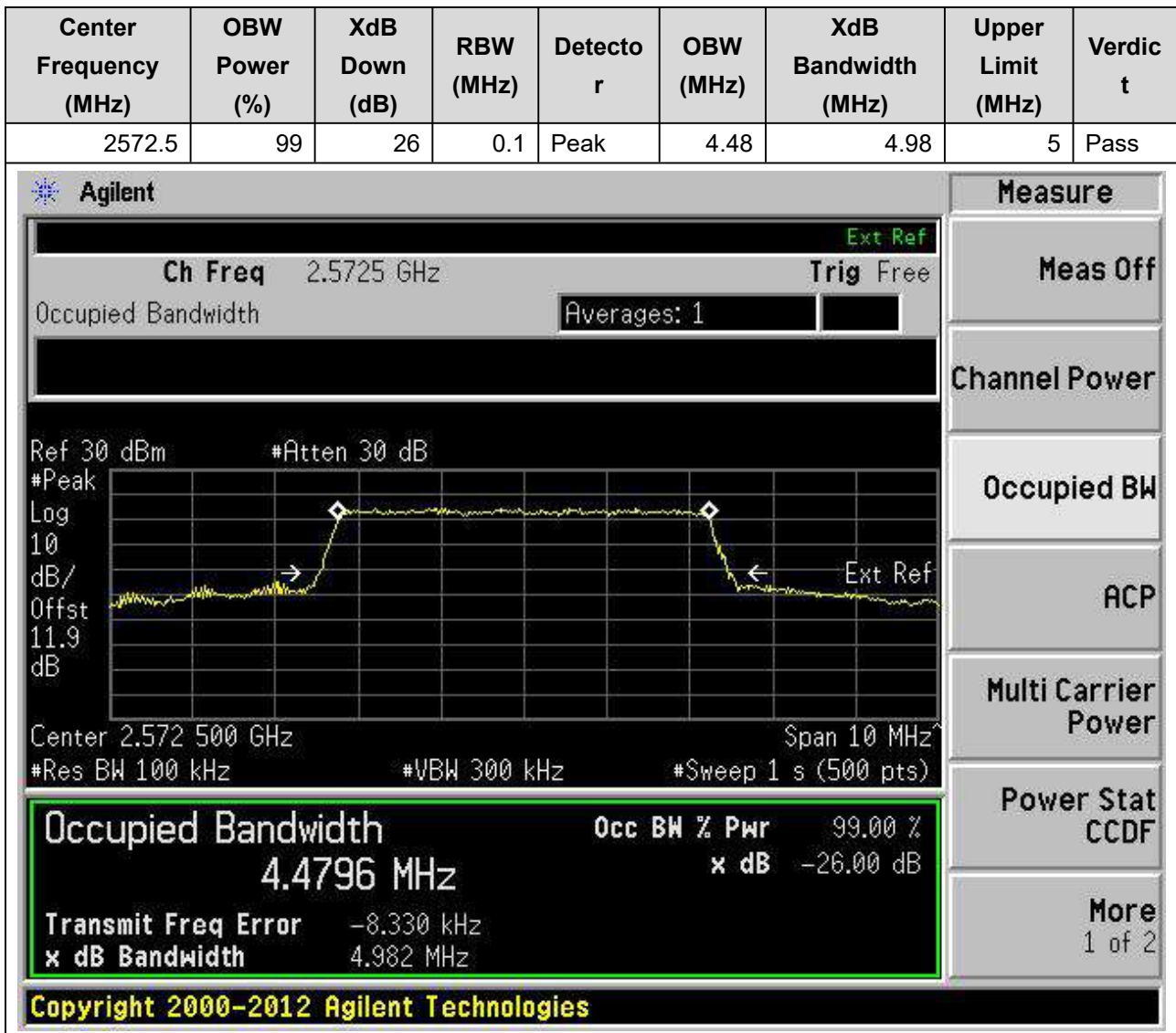
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a peak at 1.76 GHz. The measurement results are summarized in a table at the bottom of the screen:

Occupied Bandwidth	Occ BW % Pwr	x dB
38.7636 MHz	99.00 %	-26.00 dB

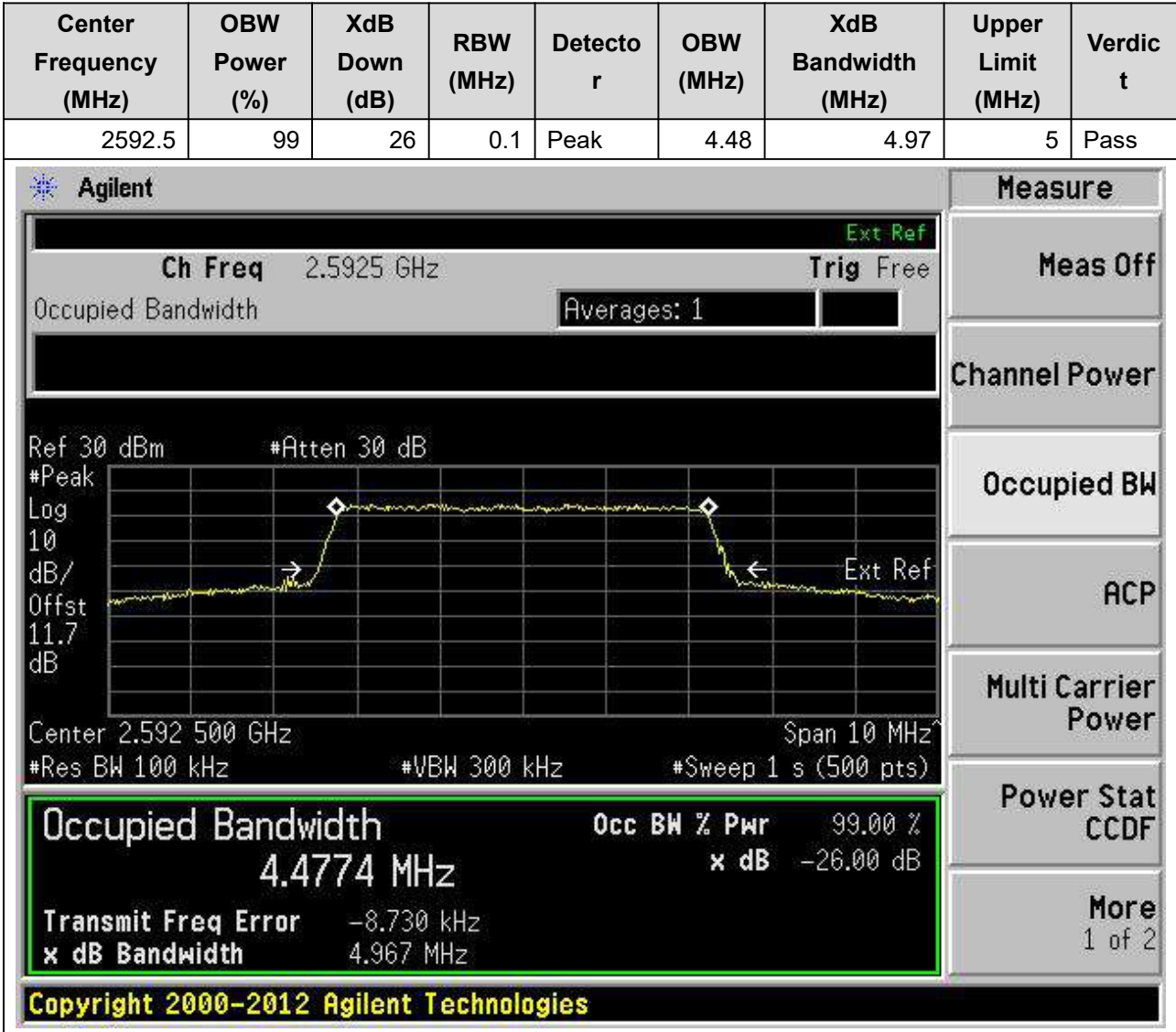
Additional parameters shown include: Center 1.7600 GHz, Span 80 MHz, Res BW 1 MHz, VBW 3 MHz, Sweep 5 s (401 pts), and Transmit Freq Error -74.035 kHz. The interface also includes a 'Measure' menu with options like Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More.

25. n38

25.1. Occupied Bandwidth for SA(NTNV)(Channel:514500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)



25.2. Occupied Bandwidth for SA(NTNV)(Channel:518500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)



25.3. Occupied Bandwidth for SA(NTNV)(Channel:523500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2617.5	99	26	0.1	Peak	4.47	4.98	5	Pass

Agilent

Ch Freq 2.6175 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.9 dB

Center 2.617500 GHz Span 10 MHz

#Res BW 100 kHz #VBW 300 kHz #Sweep 1 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4728 MHz x dB -26.00 dB

Transmit Freq Error -9.869 kHz

x dB Bandwidth 4.978 MHz

Copyright 2000-2012 Agilent Technologies

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

25.4. Occupied Bandwidth for SA(NTNV)(Channel:515000, 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
2575	99	26	0.03	Peak	9.27	9.7	10	Pass

Agilent

Ch Freq 2.575 GHz

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.9 dB

Center 2.575 000 GHz Span 20 MHz

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

Occupied Bandwidth 9.2712 MHz

Occ BW % Pwr 99.00 %

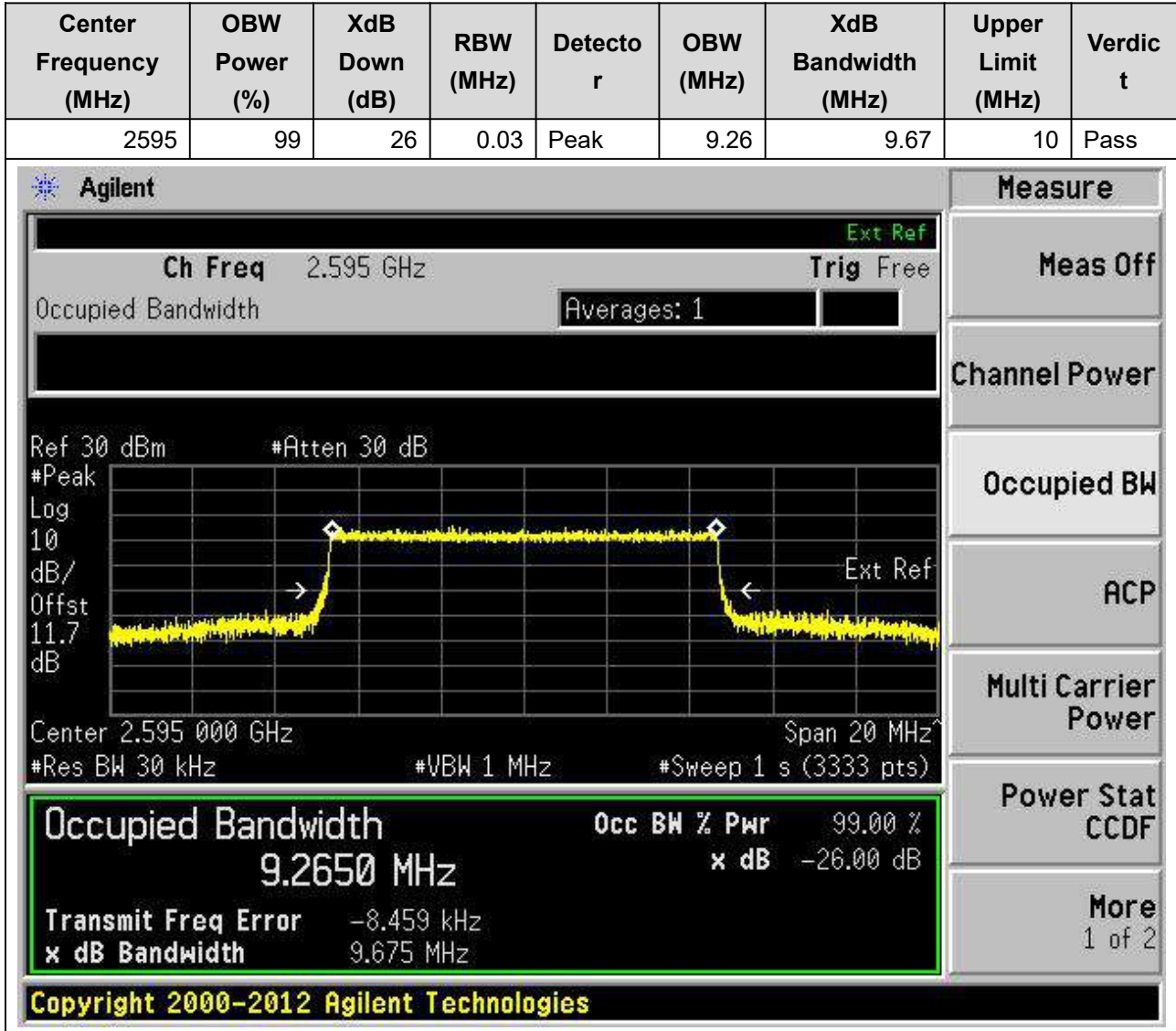
x dB -26.00 dB

Transmit Freq Error -7.526 kHz

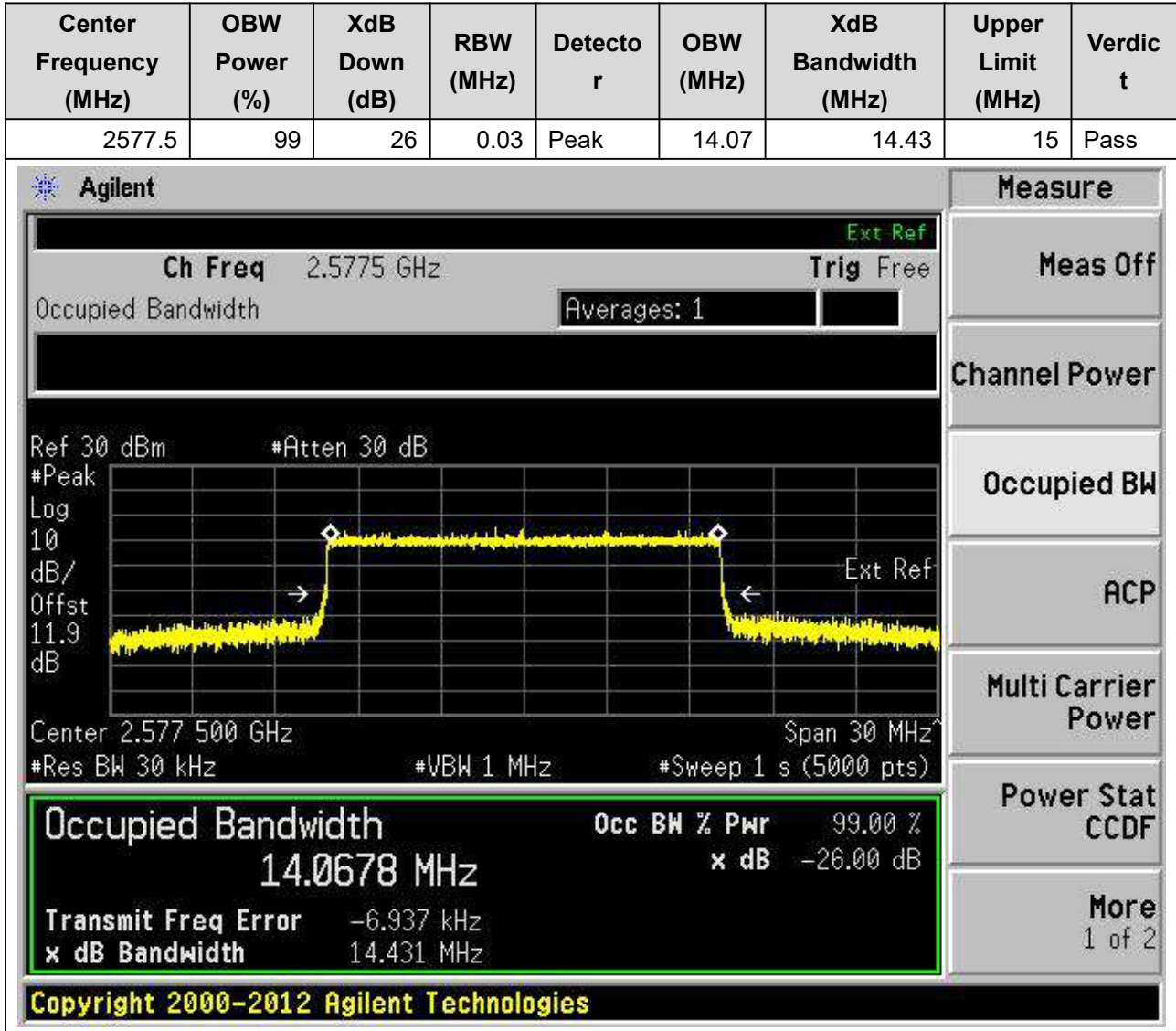
x dB Bandwidth 9.699 MHz

Copyright 2000-2012 Agilent Technologies

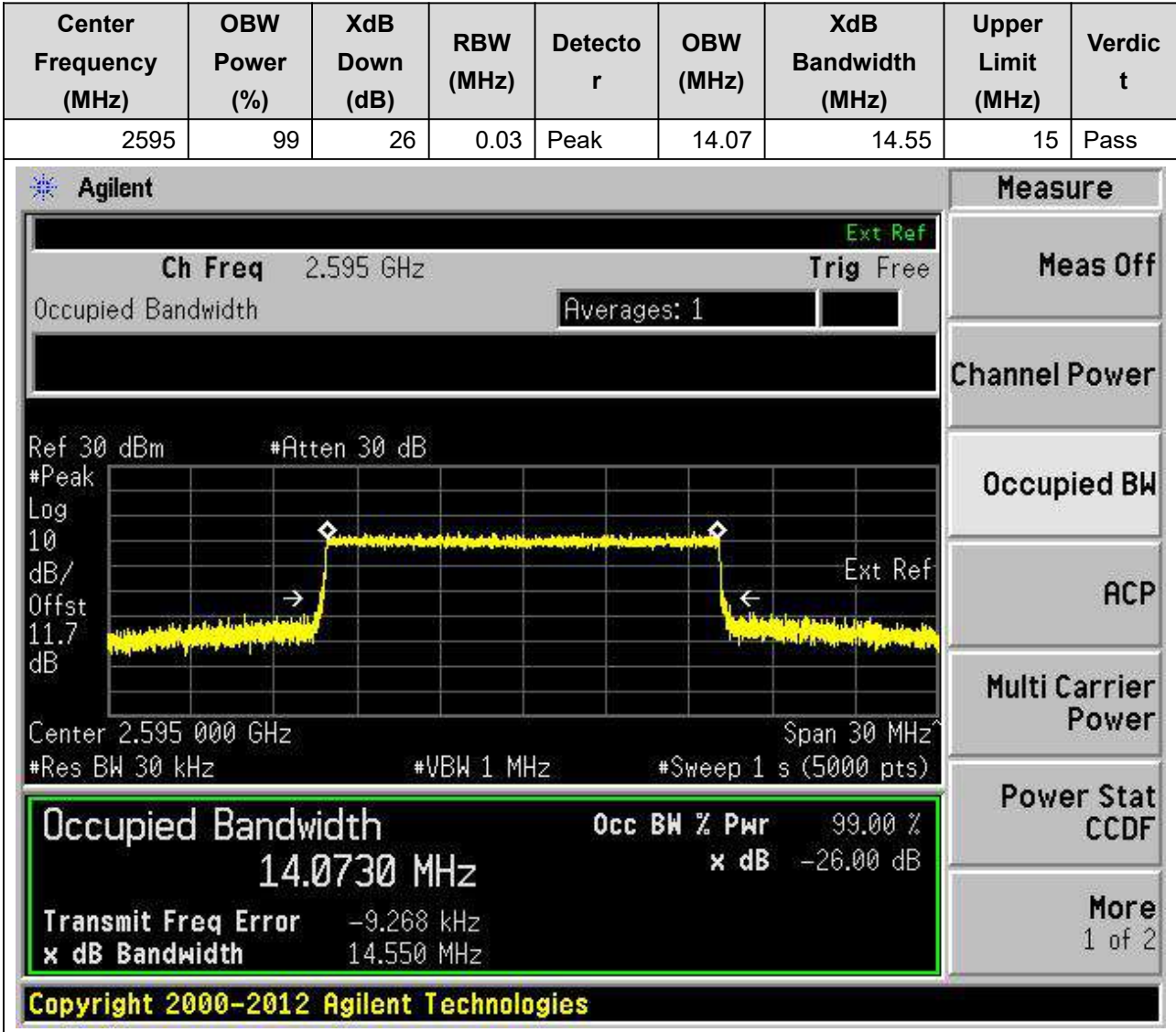
25.5. Occupied Bandwidth for SA(NTNV)(Channel:519000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)



25.7. Occupied Bandwidth for SA(NTNV)(Channel:515500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)



25.8. Occupied Bandwidth for SA(NTNV)(Channel:519000, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)



25.9. Occupied Bandwidth for SA(NTNV)(Channel:522500, 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
2612.5	99	26	0.03	Peak	14.08	14.5	15	Pass

Occupied Bandwidth 14.0753 MHz

Occ BW % Pwr 99.00 %
x dB -26.00 dB

Transmit Freq Error -13.538 kHz
x dB Bandwidth 14.504 MHz

Copyright 2000-2012 Agilent Technologies

25.10. Occupied Bandwidth for SA(NTNV)(Channel:516000, 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
2580	99	26	0.03	Peak	18.87	19.44	20	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 2.58 GHz, and the span is 40 MHz. The occupied bandwidth is measured as 18.8717 MHz, which is 99.00% of the power. The XdB bandwidth is 19.445 MHz, and the XdB down is -26.00 dB. The transmit frequency error is -20.304 kHz. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
18.8717 MHz	x dB	-26.00 dB
Transmit Freq Error		-20.304 kHz
x dB Bandwidth		19.445 MHz

25.11. Occupied Bandwidth for SA(NTNV)(Channel:519000, 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
2595	99	26	0.03	Peak	18.88	19.56	20	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 2.595 GHz with a span of 40 MHz. The signal level is approximately 11.7 dB. The measurement results are summarized in the bottom section:

Occupied Bandwidth	Occ BW % Pwr	x dB
18.8785 MHz	99.00 %	-26.00 dB

Additional parameters shown include: Center 2.595 000 GHz, Span 40 MHz, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 1 s (6666 pts). 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'.

Copyright 2000-2012 Agilent Technologies

25.12. Occupied Bandwidth for SA(NTNV)(Channel:522000, 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
2610	99	26	0.03	Peak	18.88	19.52	20	Pass

Agilent
Measure

Ch Freq 2.61 GHz Ext Ref Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.7 dB

Center 2.610 000 GHz Span 40 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

18.8794 MHz

Transmit Freq Error -20.384 kHz

x dB Bandwidth 19.517 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Copyright 2000-2012 Agilent Technologies

25.13. Occupied Bandwidth for SA(NTNV)(Channel:516500, Bandwidth:25, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)



25.14. Occupied Bandwidth for SA(NTNV)(Channel:519000, Bandwidth:25, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	1	Peak	24.08	28.39	25	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a peak at 2.595 GHz. The measurement results are summarized in the bottom section:

Occupied Bandwidth	Occ BW % Pwr	x dB
24.0799 MHz	99.00 %	-26.00 dB

Additional parameters shown include: Center 2.595 000 GHz, Span 50 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 1 s (401 pts). The interface also includes a 'Measure' menu with options like Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More.

25.15. Occupied Bandwidth for SA(NTNV)(Channel:521500, Bandwidth:25, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2607.5	99	26	1	Peak	24.16	28.63	25	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a peak at 2.6075 GHz. The measurement results are summarized in a table below the spectrum plot:

Occupied Bandwidth	Occ BW % Pwr	x dB
24.1627 MHz	99.00 %	-26.00 dB

Additional parameters shown in the interface include: Ch Freq 2.6075 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.7 dB, Center 2.607500 GHz, Span 50 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 1 s (401 pts). The interface also includes a 'Measure' menu with options like Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

Copyright 2000-2012 Agilent Technologies

25.16. Occupied Bandwidth for SA(NTNV)(Channel:517000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:160, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2585	99	26	1	Peak	28.93	31.33	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a peak at 2.585 GHz. The measurement results are summarized in the bottom section:

Measurement	Value
Occupied Bandwidth	28.9274 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	34.542 kHz
x dB Bandwidth	31.332 MHz

Additional parameters shown include: Ch Freq 2.585 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.8 dB, Center 2.585 00 GHz, Span 60 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 1 s (401 pts).

Copyright 2000-2012 Agilent Technologies

25.17. Occupied Bandwidth for SA(NTNV)(Channel:519000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:160, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	1	Peak	28.93	31.47	30	Pass

Agilent
Measure

Ch Freq 2.595 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 2.595 00 GHz Span 60 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
28.9315 MHz	x dB	-26.00 dB
Transmit Freq Error	29.171 kHz	
x dB Bandwidth	31.475 MHz	

Copyright 2000-2012 Agilent Technologies

25.18. Occupied Bandwidth for SA(NTNV)(Channel:521000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:160, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2605	99	26	1	Peak	28.93	31.11	30	Pass

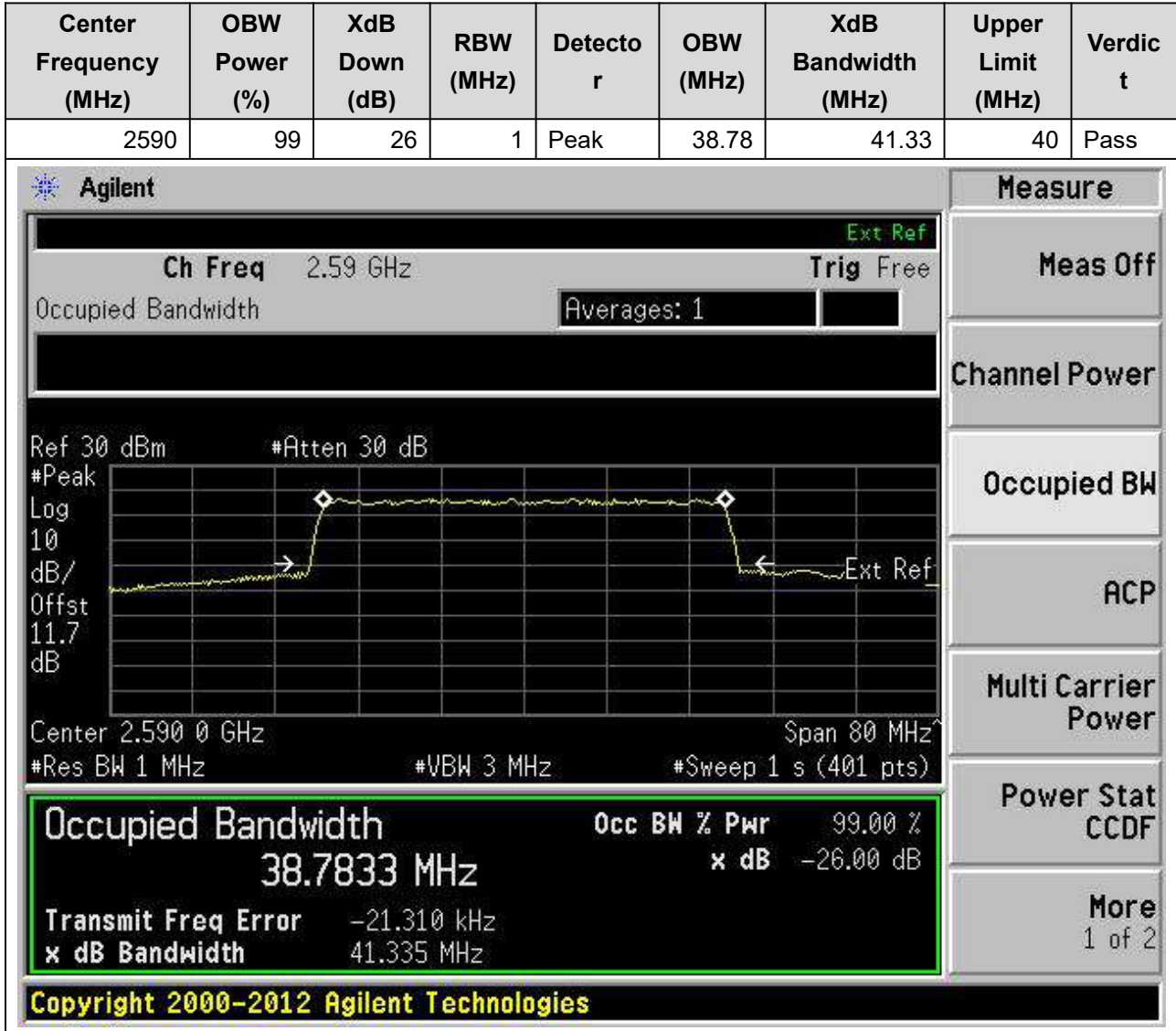
Occupied Bandwidth 28.9256 MHz

Occ BW % Pwr 99.00 %
x dB -26.00 dB

Transmit Freq Error 18.097 kHz
x dB Bandwidth 31.111 MHz

Copyright 2000-2012 Agilent Technologies

25.19. Occupied Bandwidth for SA(NTNV)(Channel:518000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)



25.20. Occupied Bandwidth for SA(NTNV)(Channel:519000, 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
2595	99	26	1	Peak	38.79	41.28	40	Pass

Agilent

Ch Freq 2.595 GHz

Occupied Bandwidth

Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.7 dB

Center 2.595 0 GHz Span 80 MHz

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

Occupied Bandwidth 38.7875 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -21.240 kHz

x dB Bandwidth 41.276 MHz

Copyright 2000-2012 Agilent Technologies

Measure

Meas Off

Channel Power

Occupied BW

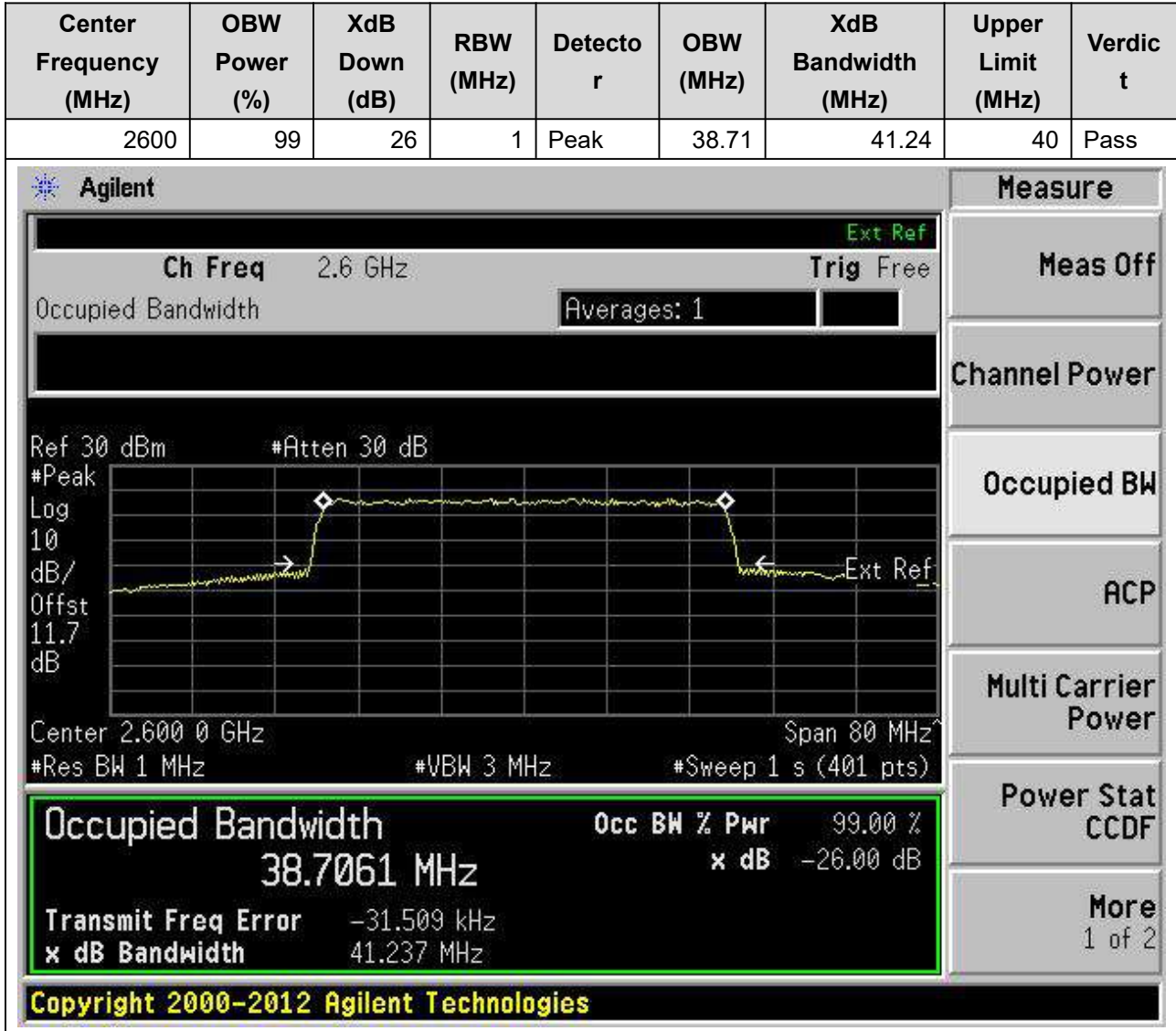
ACP

Multi Carrier Power

Power Stat CCDF

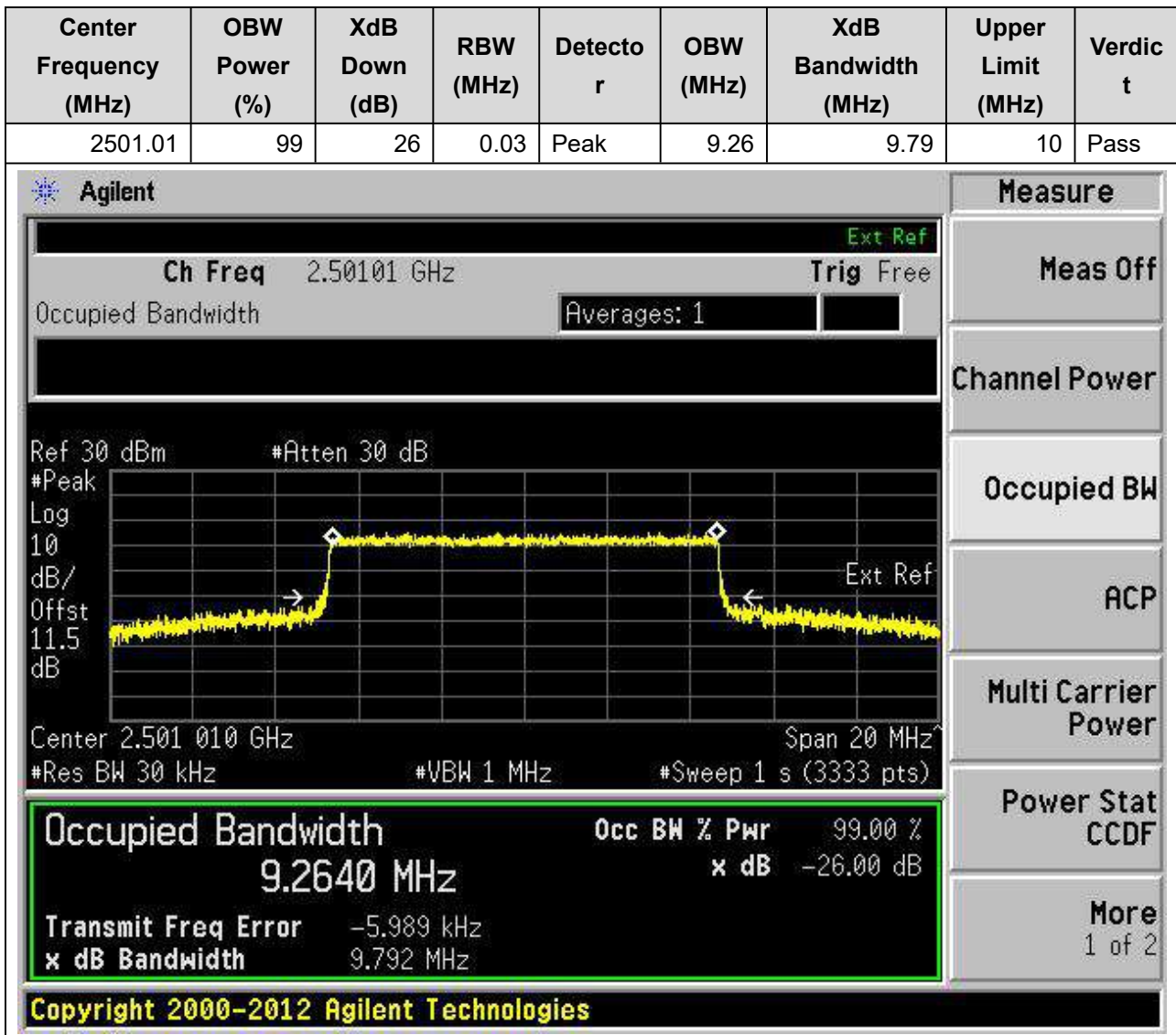
More 1 of 2

25.21. Occupied Bandwidth for SA(NTNV)(Channel:520000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)



26. n41

26.1. Occupied Bandwidth for SA(NTNV)(Channel:500202, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)



26.2. Occupied Bandwidth for SA(NTNV)(Channel:518601, 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
2593.005	99	26	0.03	Peak	9.26	9.7	10	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.593005 GHz, and the span is 20 MHz. The occupied bandwidth is measured as 9.2647 MHz, which is 99.00% of the power. The XdB down is -26.00 dB. The transmit frequency error is -8.640 kHz, and the x dB bandwidth is 9.698 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 %
9.2647 MHz	x dB	-26.00 dB
Transmit Freq Error	-8.640 kHz	
x dB Bandwidth	9.698 MHz	

26.3. Occupied Bandwidth for SA(NTNV)(Channel:537000, 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
2685	99	26	0.03	Peak	9.26	9.78	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 2.685 GHz with a span of 20 MHz. The signal level is approximately 11.7 dB. The occupied bandwidth is measured as 9.2648 MHz, which is 99.00% of the total power. The XdB down is -26.00 dB. The transmit frequency error is -13.417 kHz, and the XdB bandwidth is 9.779 MHz. The interface includes various measurement 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 %
9.2648 MHz	x dB	-26.00 dB
Transmit Freq Error	-13.417 kHz	
x dB Bandwidth	9.779 MHz	

Copyright 2000-2012 Agilent Technologies

26.4. Occupied Bandwidth for SA(NTNV)(Channel:500700, 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
2503.5	99	26	0.03	Peak	14.08	14.5	15	Pass

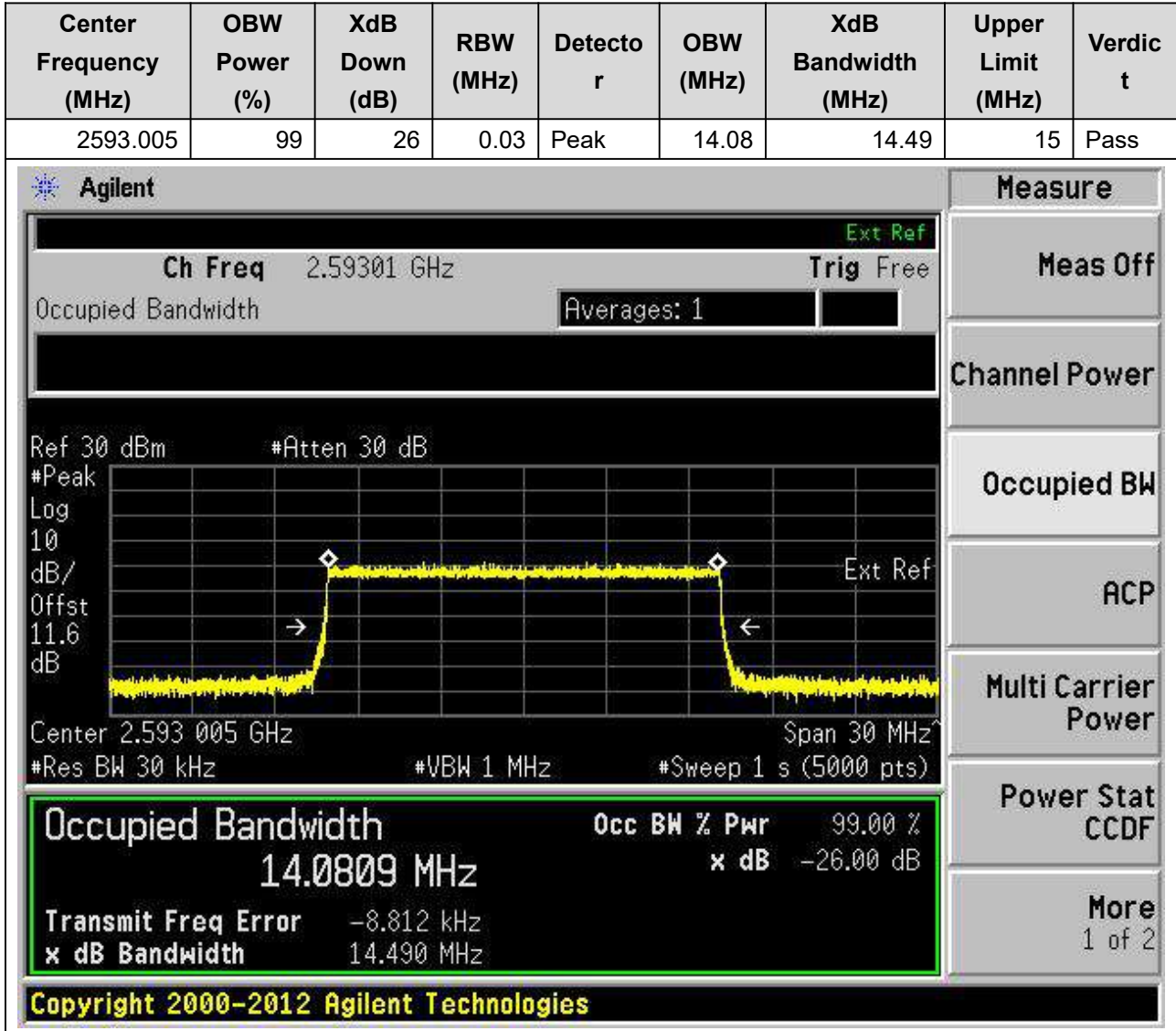
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box. The results are as follows:

Measurement	Value
Occupied Bandwidth	14.0838 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-5.990 kHz
x dB Bandwidth	14.498 MHz

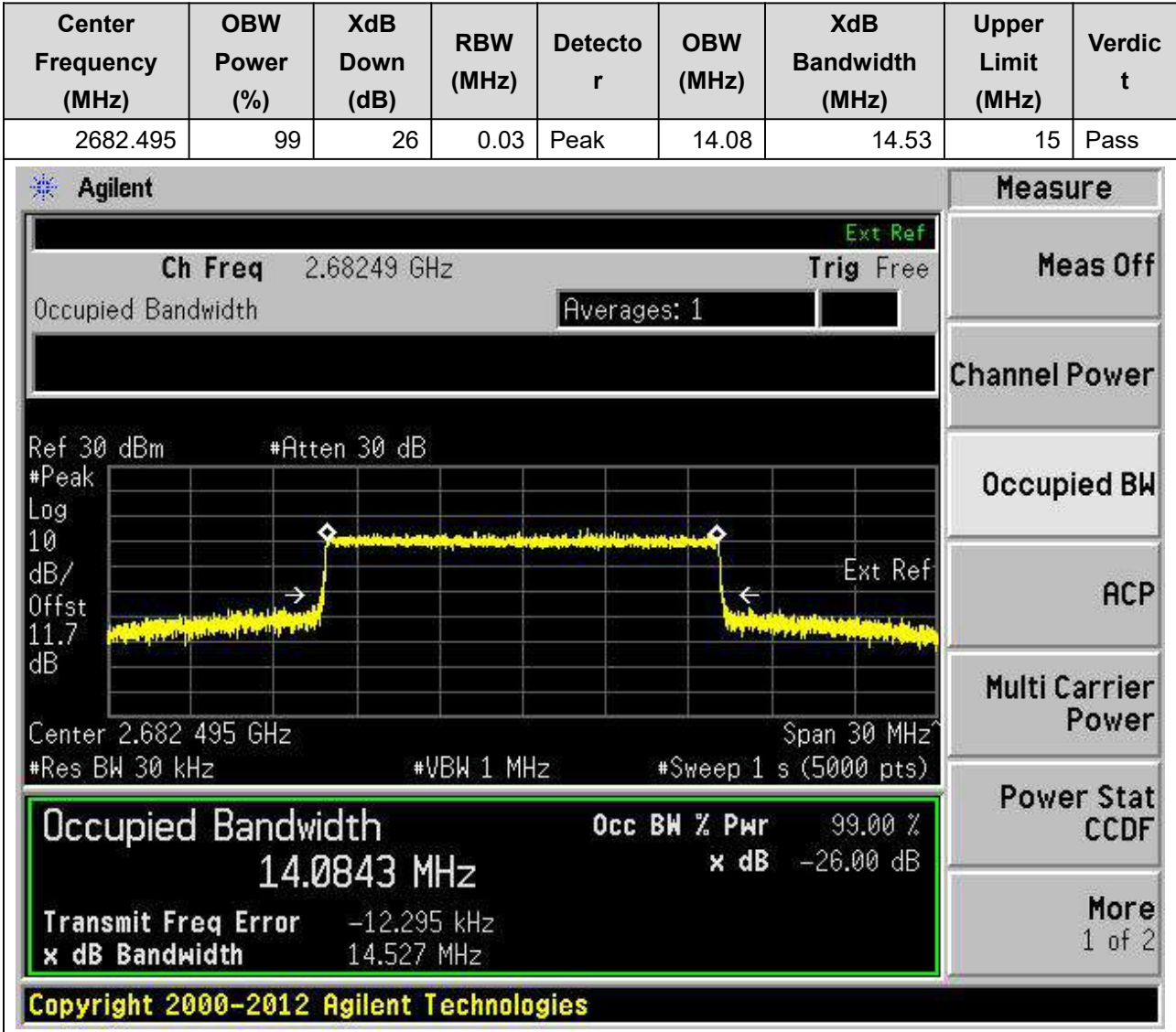
Additional parameters shown in the interface include: Ch Freq 2.5035 GHz, Span 30 MHz, Res BW 30 kHz, VBW 1 MHz, Sweep 1 s (5000 pts), and a 'Meas Off' button.

Copyright 2000-2012 Agilent Technologies

26.5. Occupied Bandwidth for SA(NTNV)(Channel:518601, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)

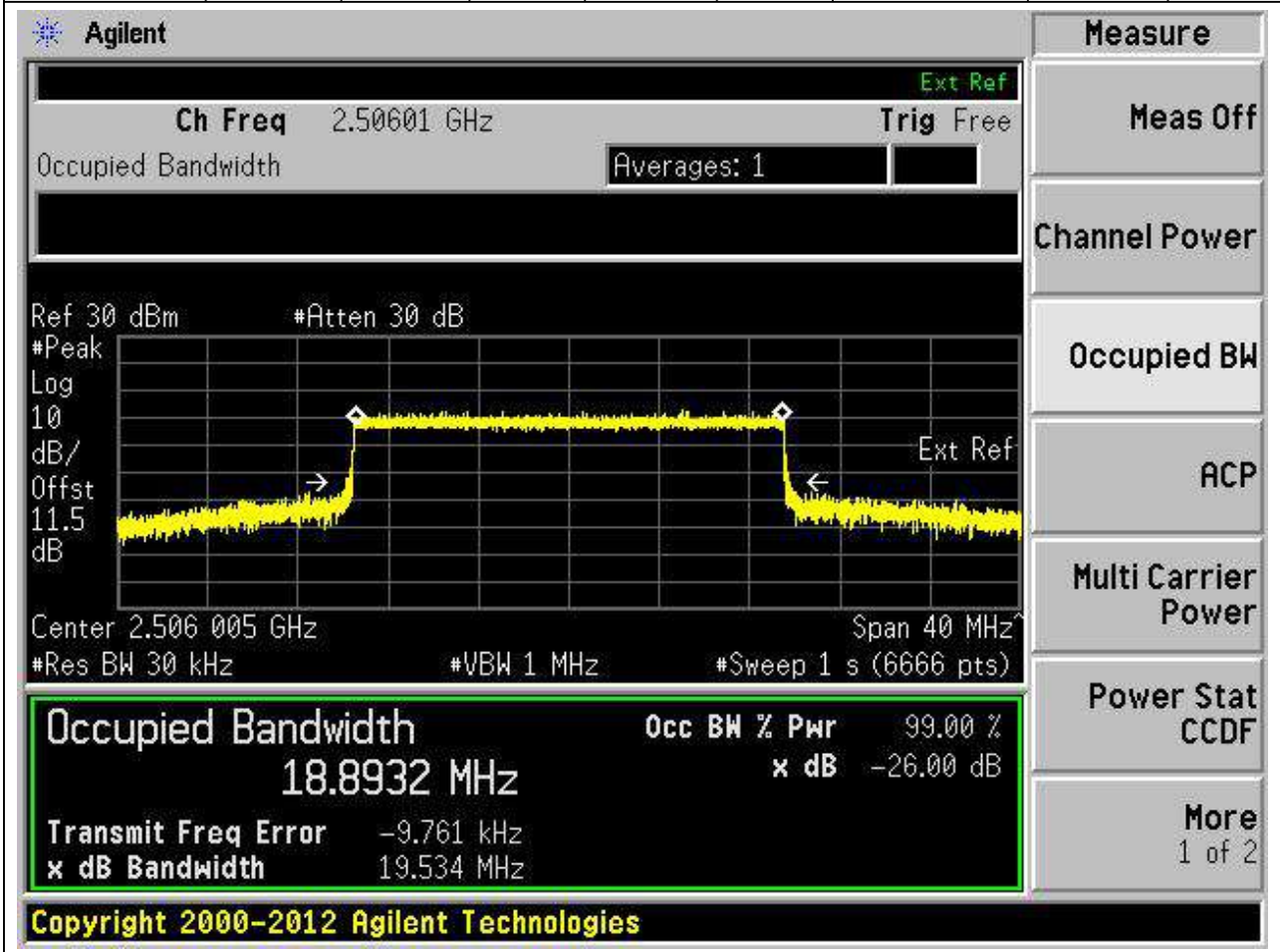


26.6. Occupied Bandwidth for SA(NTNV)(Channel:536499, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)



26.7. Occupied Bandwidth for SA(NTNV)(Channel:501201, 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
2506.005	99	26	0.03	Peak	18.89	19.53	20	Pass



26.8. Occupied Bandwidth for SA(NTNV)(Channel:518601, 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
2593.005	99	26	0.03	Peak	18.89	19.5	20	Pass

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

Measurement	Value
Occupied Bandwidth	18.8851 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-8.243 kHz
x dB Bandwidth	19.498 MHz

Other visible parameters include: Ch Freq 2.59301 GHz, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.6 dB, Center 2.593 005 GHz, Span 40 MHz, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 1 s (6666 pts).

Copyright 2000-2012 Agilent Technologies

26.9. Occupied Bandwidth for SA(NTNV)(Channel:535998, 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
2679.99	99	26	0.03	Peak	18.88	19.48	20	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 2.67999 GHz. The occupied bandwidth is measured as 18.8804 MHz. The power is 99.00% and the XdB bandwidth is -26.00 dB. The transmit frequency error is -15.951 kHz and the XdB bandwidth is 19.476 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 %
18.8804 MHz	x dB	-26.00 dB
Transmit Freq Error	-15.951 kHz	
x dB Bandwidth	19.476 MHz	

26.10. Occupied Bandwidth for SA(NTNV)(Channel:502200, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:160, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2511	99	26	1	Peak	29	33.34	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.511 GHz, and the span is 60 MHz. The occupied bandwidth is measured as 29.0018 MHz, which is 99.00% of the 30 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -40.395 kHz. The XdB bandwidth is 33.344 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 %
29.0018 MHz	x dB	-26.00 dB
Transmit Freq Error	-40.395 kHz	
x dB Bandwidth	33.344 MHz	

26.11. Occupied Bandwidth for SA(NTNV)(Channel:518601, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:160, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2593.005	99	26	1	Peak	29.01	32.49	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'dB/Offst' and the x-axis is 'Center'. The plot shows a signal with a peak at approximately 2.593 GHz. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen.

Occupied Bandwidth 29.0141 MHz

Occ BW % Pwr 99.00 %
x dB -26.00 dB

Transmit Freq Error -84.849 kHz
x dB Bandwidth 32.486 MHz

Copyright 2000-2012 Agilent Technologies

On the right side, 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).

26.12. Occupied Bandwidth for SA(NTNV)(Channel:534999, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:160, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2674.995	99	26	1	Peak	28.97	32.45	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.675 GHz, and the span is 60 MHz. The occupied bandwidth is highlighted in green, showing a value of 28.9740 MHz. The power level is 99.00% and the XdB bandwidth is -26.00 dB. The interface includes various measurement 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 %
28.9740 MHz	x dB	-26.00 dB
Transmit Freq Error	-95.477 kHz	
x dB Bandwidth	32.454 MHz	

26.13. Occupied Bandwidth for SA(NTNV)(Channel:503202, 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
2516.01	99	26	1	Peak	38.95	43.73	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a peak at 2.51601 GHz. The measurement results are summarized in the bottom section:

Occupied Bandwidth	Occ BW % Pwr	99.00 %
38.9487 MHz	x dB	-26.00 dB
Transmit Freq Error		49.045 kHz
x dB Bandwidth		43.731 MHz

Additional parameters shown in the interface include: Ch Freq 2.51601 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log, 10 dB/Offst, 11.5 dB, Center 2.516 0 GHz, Span 80 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 1 s (401 pts).

Copyright 2000-2012 Agilent Technologies

26.14. Occupied Bandwidth for SA(NTNV)(Channel:518601, 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
2593.005	99	26	1	Peak	38.83	41.16	40	Pass

Agilent

Ch Freq 2.59301 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.6 dB

Center 2.593 0 GHz Span 80 MHz

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

Occupied Bandwidth 38.8271 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -55.213 kHz

x dB Bandwidth 41.161 MHz

Copyright 2000-2012 Agilent Technologies

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

26.15. Occupied Bandwidth for SA(NTNV)(Channel:534000, 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
2670	99	26	1	Peak	38.7	41.18	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.67 GHz, and the span is 80 MHz. The occupied bandwidth is measured as 38.6951 MHz, which is 99.00% of the 40 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -99.735 kHz, and the XdB bandwidth is 41.177 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 %
38.6951 MHz	x dB	-26.00 dB
Transmit Freq Error	-99.735 kHz	
x dB Bandwidth	41.177 MHz	

26.16. Occupied Bandwidth for SA(NTNV)(Channel:504201, 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
2521.005	99	26	1	Peak	48.3	51.02	50	Pass

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

Measurement	Value
Occupied Bandwidth	48.3039 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	14.651 kHz
x dB Bandwidth	51.023 MHz

Additional parameters shown in the interface include: Ch Freq 2.52101 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.4 dB, Center 2.521 00 GHz, Span 100 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 1 s (500 pts).

Copyright 2000-2012 Agilent Technologies

26.17. Occupied Bandwidth for SA(NTNV)(Channel:518601, 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
2593.005	99	26	1	Peak	48.32	51.07	50	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.59301 GHz. The occupied bandwidth is highlighted in green, showing a value of 48.3195 MHz. The power level is 99.00% and the XdB bandwidth is -26.00 dB. The transmit frequency error is -36.529 kHz. The XdB bandwidth is 51.072 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 %
48.3195 MHz	x dB	-26.00 dB
Transmit Freq Error	-36.529 kHz	
x dB Bandwidth	51.072 MHz	

26.18. Occupied Bandwidth for SA(NTNV)(Channel:532998, 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
2664.99	99	26	1	Peak	48.22	51	50	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.66499 GHz. The occupied bandwidth is highlighted in a green box at the bottom of the screen, showing 48.2176 MHz. The power is 99.00% and the XdB bandwidth is -26.00 dB. The transmit frequency error is -59.284 kHz and the XdB bandwidth is 51.005 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	99.00 %
48.2176 MHz	x dB	-26.00 dB
Transmit Freq Error	-59.284 kHz	
x dB Bandwidth	51.005 MHz	

26.20. Occupied Bandwidth for SA(NTNV)(Channel:505200, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:162, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2526	99	26	1	Peak	57.78	61.09	60	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 11.5 dB' and the x-axis is 'Center 2.526 00 GHz'. The plot shows a signal with a peak at approximately 2.526 GHz. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen, showing a value of 57.7753 MHz. Other parameters shown include 'Ch Freq 2.526 GHz', 'Trig Free', 'Averages: 1', 'Ref 30 dBm', '#Atten 30 dB', 'Span 120 MHz', '#Res BW 1 MHz', '#VBW 3 MHz', and '#Sweep 1 s (600 pts)'. The 'Measure' menu on the right includes options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'.

Occupied Bandwidth	Occ BW % Pwr	x dB
57.7753 MHz	99.00 %	-26.00 dB

Transmit Freq Error 48.478 kHz
x dB Bandwidth 61.088 MHz

Copyright 2000-2012 Agilent Technologies

26.21. Occupied Bandwidth for SA(NTNV)(Channel:518598, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:162, RB Position:0)

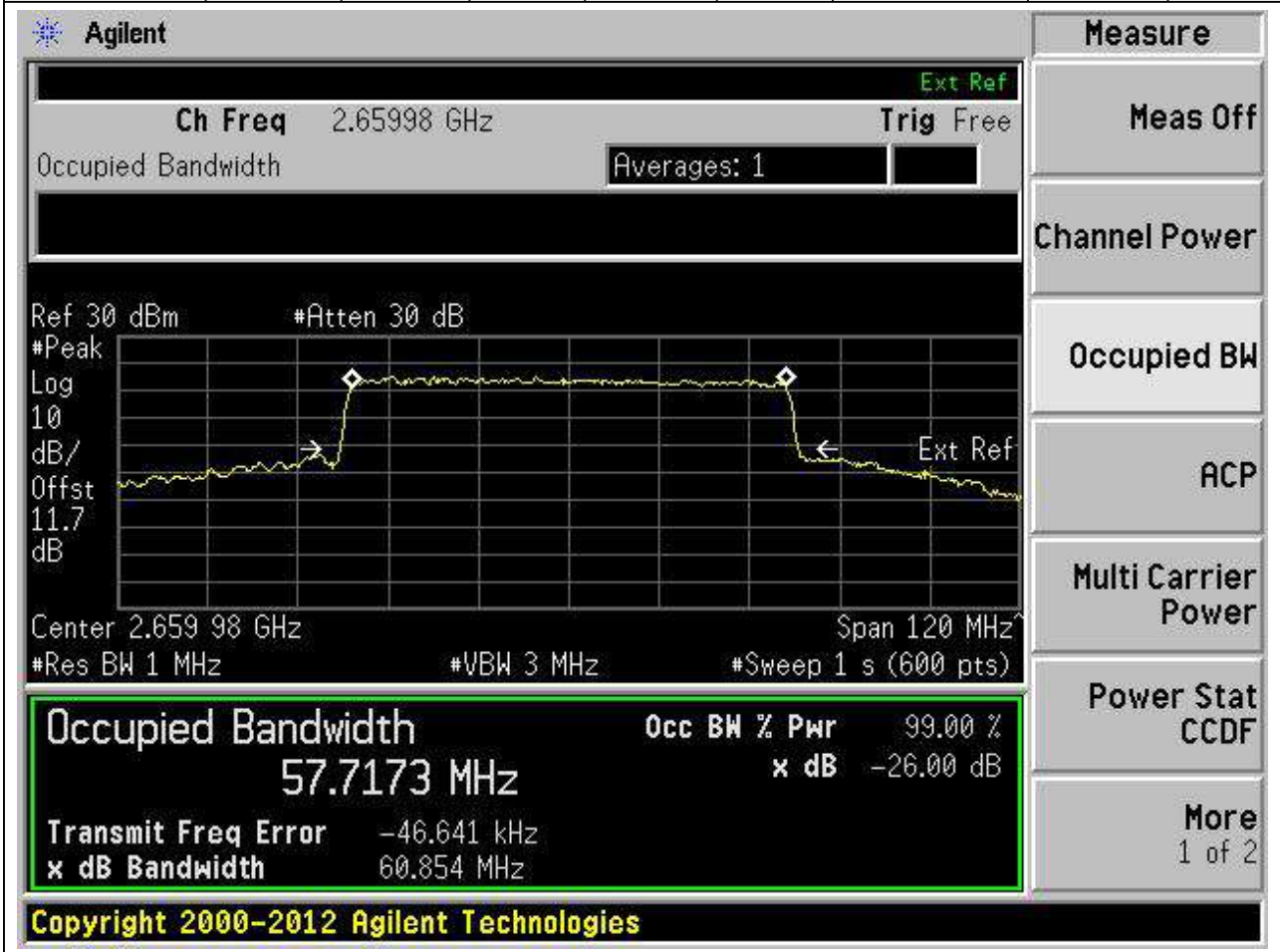
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	57.78	60.88	60	Pass

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 11.6 dB'. The x-axis is labeled 'Center 2.592 99 GHz' and 'Span 120 MHz'. The plot shows a signal with a peak at approximately 2.59299 GHz. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen, showing a value of 57.7847 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -35.279 kHz and the 'x dB Bandwidth' is 60.876 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom of the screen.

Occupied Bandwidth	Occ BW % Pwr	x dB
57.7847 MHz	99.00 %	-26.00 dB

26.22. Occupied Bandwidth for SA(NTNV)(Channel:531996, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:162, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2659.98	99	26	1	Peak	57.72	60.85	60	Pass



26.23. Occupied Bandwidth for SA(NTNV)(Channel:507204, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:217, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2536.02	99	26	1	Peak	77.42	80.56	80	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 2.53602 GHz. The main display shows a spectral 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 y-axis is labeled 'Log 10 dB/Offst 11.5 dB'. The x-axis shows a center frequency of 2.53602 GHz and a span of 160 MHz. The resolution bandwidth is 1 MHz, and the video bandwidth is 3 MHz. The sweep time is 1 second with 800 points. On the right side, there is a 'Measure' menu with options: Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2). At the bottom, a summary box highlights the following results:

Occupied Bandwidth	Occ BW % Pwr	99.00 %
77.4192 MHz	x dB	-26.00 dB
Transmit Freq Error		90.993 kHz
x dB Bandwidth		80.562 MHz

Copyright 2000-2012 Agilent Technologies

26.24. Occupied Bandwidth for SA(NTNV)(Channel:518598, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:217, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	77.42	80.63	80	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 2.59299 GHz and a span of 160 MHz. The vertical axis is labeled 'dB/Offst' with a value of 11.6 dB. The horizontal axis is labeled 'MHz' with a value of 77.4222 MHz. The plot shows a signal with a peak at approximately 2.59299 GHz and a bandwidth of 77.4222 MHz. The signal is measured with a resolution bandwidth (RBW) of 3 MHz and a video bandwidth (VBW) of 3 MHz. The signal is measured with a peak detector and a sweep time of 1 s (800 pts). The signal is measured with a reference level of 30 dBm and an attenuation of 30 dB. The signal is measured with a channel power of 99.00% and a bandwidth of 77.4222 MHz. The signal is measured with a transmit frequency error of 2.650 kHz and a bandwidth of 80.627 MHz. The signal is measured with a peak at approximately 2.59299 GHz and a bandwidth of 77.4222 MHz. The signal is measured with a reference level of 30 dBm and an attenuation of 30 dB. The signal is measured with a channel power of 99.00% and a bandwidth of 77.4222 MHz. The signal is measured with a transmit frequency error of 2.650 kHz and a bandwidth of 80.627 MHz.

Occupied Bandwidth	Occ BW % Pwr	x dB
77.4222 MHz	99.00 %	-26.00 dB

Copyright 2000-2012 Agilent Technologies

26.25. Occupied Bandwidth for SA(NTNV)(Channel:529998, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:217, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2649.99	99	26	1	Peak	77.38	80.56	80	Pass

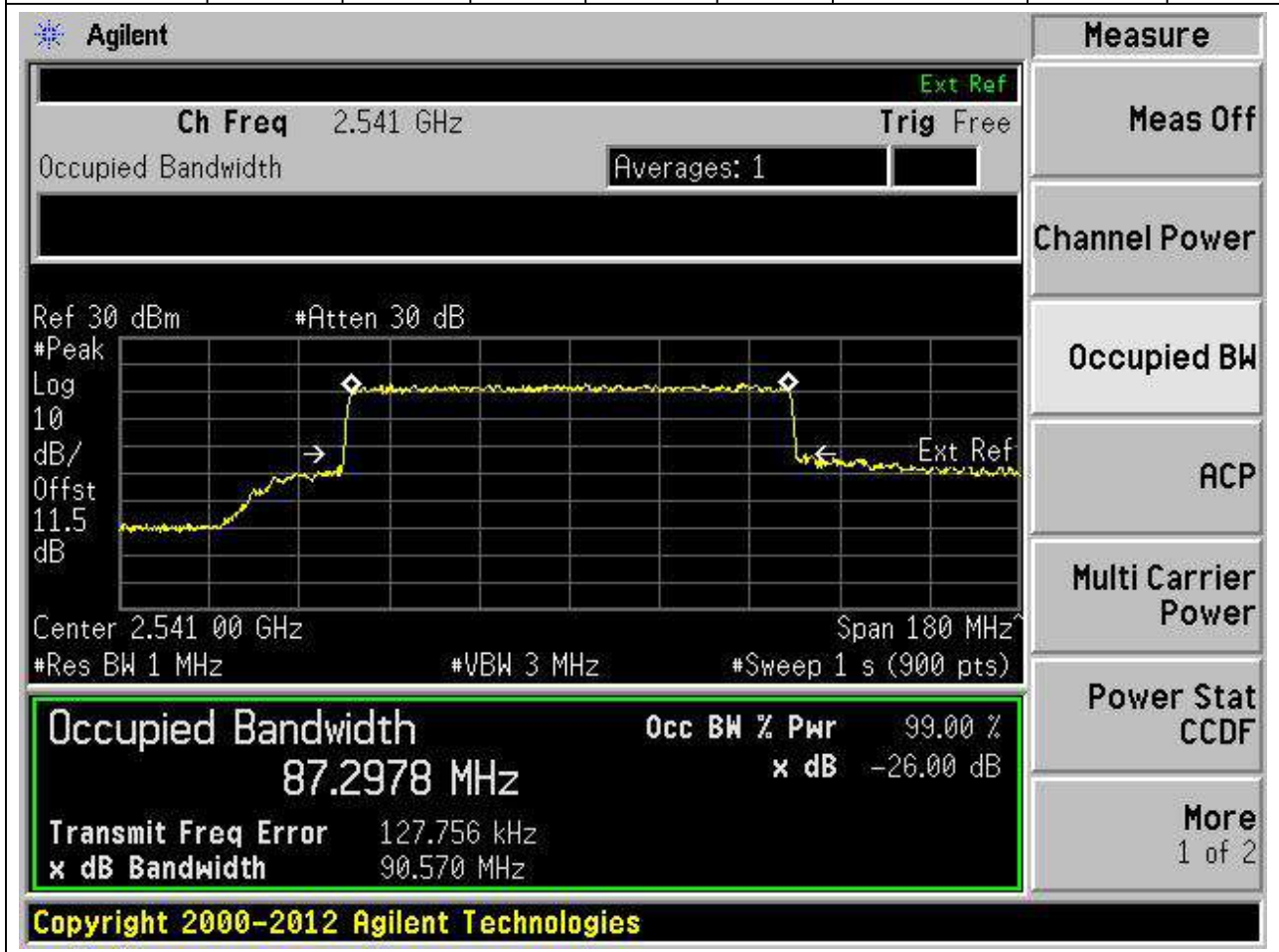
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is centered at 2.64999 GHz with a span of 160 MHz. The y-axis is labeled 'Log 10 dB/Offst 11.6 dB'. The plot shows a signal with a peak at approximately 2.64999 GHz. The 'Occupied Bandwidth' is measured as 77.3803 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -53.303 kHz and the 'x dB Bandwidth' is 80.559 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Occupied Bandwidth	Occ BW % Pwr	x dB
77.3803 MHz	99.00 %	-26.00 dB

Copyright 2000-2012 Agilent Technologies

26.26. Occupied Bandwidth for SA(NTNV)(Channel:508200, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:245, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2541	99	26	1	Peak	87.3	90.57	90	Pass



26.27. Occupied Bandwidth for SA(NTNV)(Channel:518598, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:245, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	87.36	90.62	90	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.59299 GHz, and the span is 180 MHz. The occupied bandwidth is measured as 87.3581 MHz, which is 99.00% of the 90 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -1.578 kHz, and the x dB bandwidth is 90.621 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 %
87.3581 MHz	x dB	-26.00 dB
Transmit Freq Error	-1.578 kHz	
x dB Bandwidth	90.621 MHz	

26.28. Occupied Bandwidth for SA(NTNV)(Channel:528996, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:245, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2644.98	99	26	1	Peak	87.32	90.62	90	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.64498 GHz, and the span is 180 MHz. The occupied bandwidth is measured as 87.3244 MHz, which is 99.00% of the channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -13.502 kHz, and the XdB bandwidth is 90.625 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 %
87.3244 MHz	x dB	-26.00 dB
Transmit Freq Error	-13.502 kHz	
x dB Bandwidth	90.625 MHz	

26.29. Occupied Bandwidth for SA(NTNV)(Channel:509202, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:273, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2546.01	99	26	1	Peak	97.12	100.69	100	Pass

Agilent Measure

Ch Freq 2.54601 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.5 dB

Center 2.546 01 GHz Span 200 MHz

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

Occupied Bandwidth 97.1218 MHz

Occ BW % Pwr 99.00 %
x dB -26.00 dB

Transmit Freq Error 93.691 kHz
x dB Bandwidth 100.692 MHz

Copyright 2000-2012 Agilent Technologies

Meas Off

Channel Power

Occupied BW

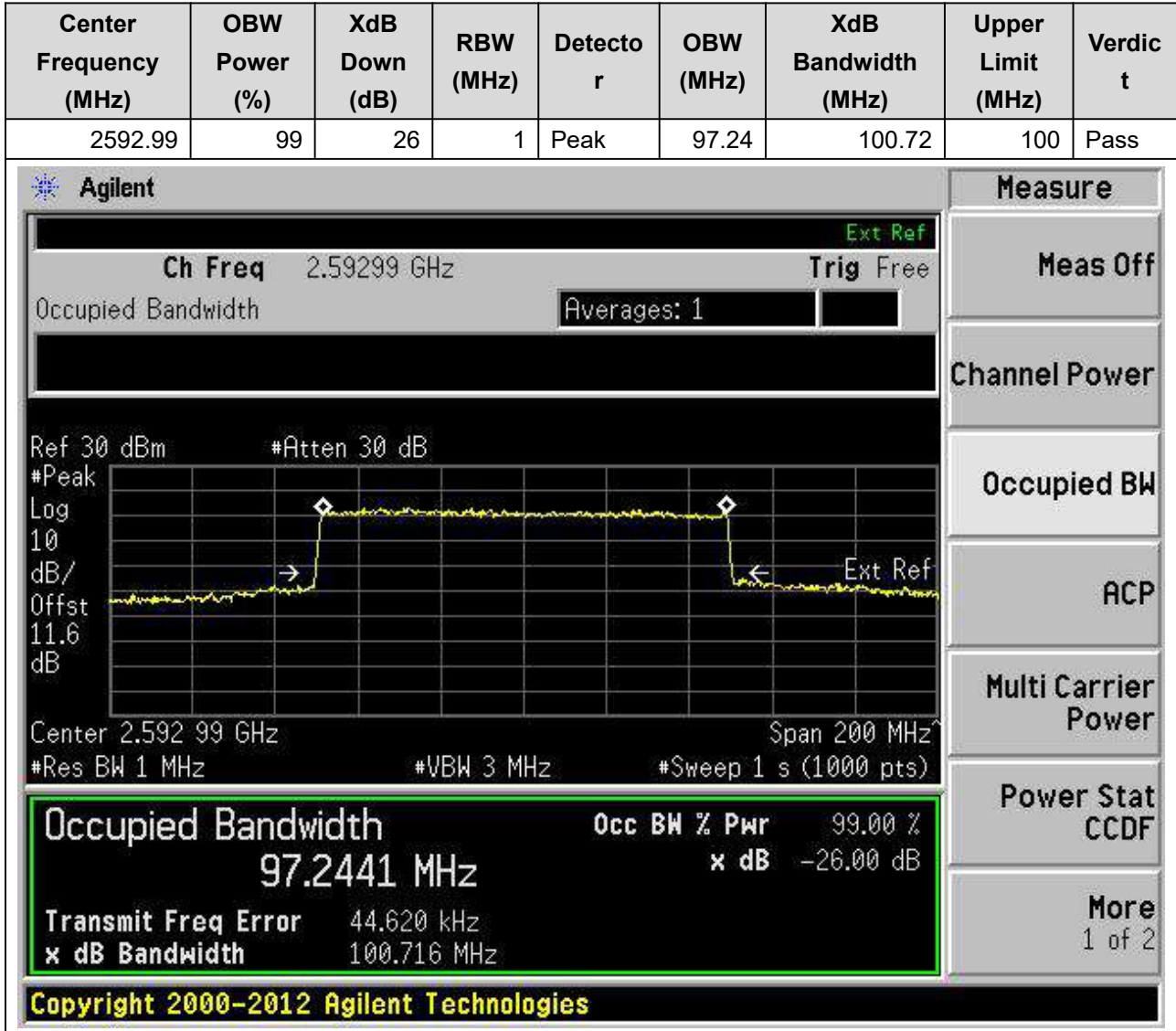
ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

26.30. Occupied Bandwidth for SA(NTNV)(Channel:518598, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:273, RB Position:0)



26.31. Occupied Bandwidth for SA(NTNV)(Channel:528000, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:273, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2640	99	26	1	Peak	97.17	100.77	100	Pass

Occupied Bandwidth 97.1748 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

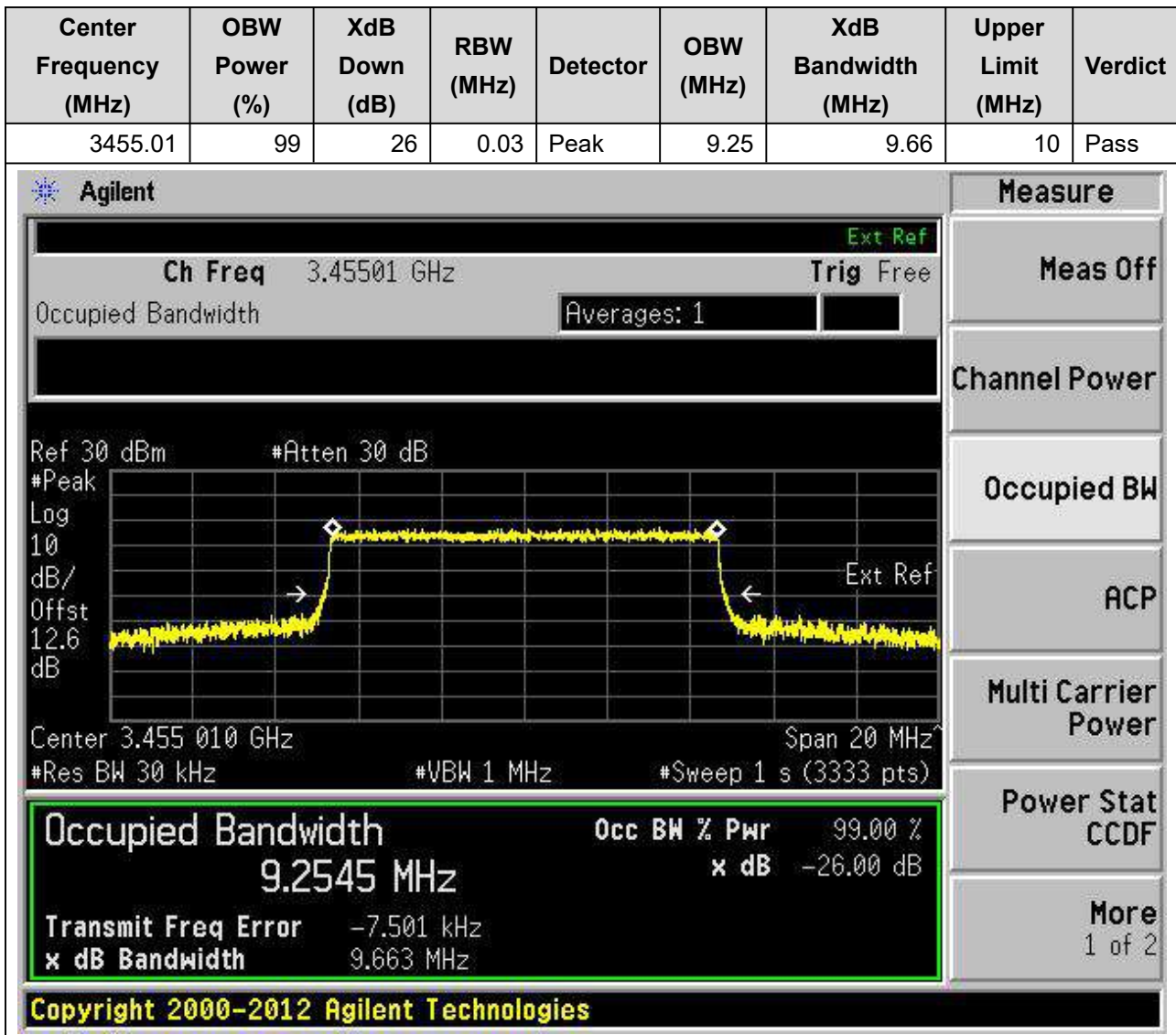
Transmit Freq Error 18.478 kHz

x dB Bandwidth 100.769 MHz

Copyright 2000-2012 Agilent Technologies

27. n77_(3450-3550MHz)

27.1. Occupied Bandwidth for SA(NTNV)(Channel:630334, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)



27.2. Occupied Bandwidth for SA(NTNV)(Channel:633332, 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
3499.98	99	26	0.03	Peak	9.26	9.69	10	Pass

Occupied Bandwidth 9.2569 MHz

Occ BW % Pwr 99.00 %
x dB -26.00 dB

Transmit Freq Error -11.863 kHz
x dB Bandwidth 9.691 MHz

Copyright 2000-2012 Agilent Technologies

27.3. Occupied Bandwidth for SA(NTNV)(Channel:636332, 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
3544.98	99	26	0.03	Peak	9.27	9.74	10	Pass

Occupied Bandwidth 9.2667 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -10.726 kHz

x dB Bandwidth 9.743 MHz

Copyright 2000-2012 Agilent Technologies

27.4. Occupied Bandwidth for SA(NTNV)(Channel:630500, 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
3457.5	99	26	0.03	Peak	14.08	14.51	15	Pass

Agilent

Ch Freq 3.4575 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.6 dB

Center 3.457 500 GHz Span 30 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
14.0761 MHz	x dB	-26.00 dB
Transmit Freq Error	-349.211 Hz	
x dB Bandwidth	14.513 MHz	

Copyright 2000-2012 Agilent Technologies

Measure

Meas Off

Channel Power

Occupied BW

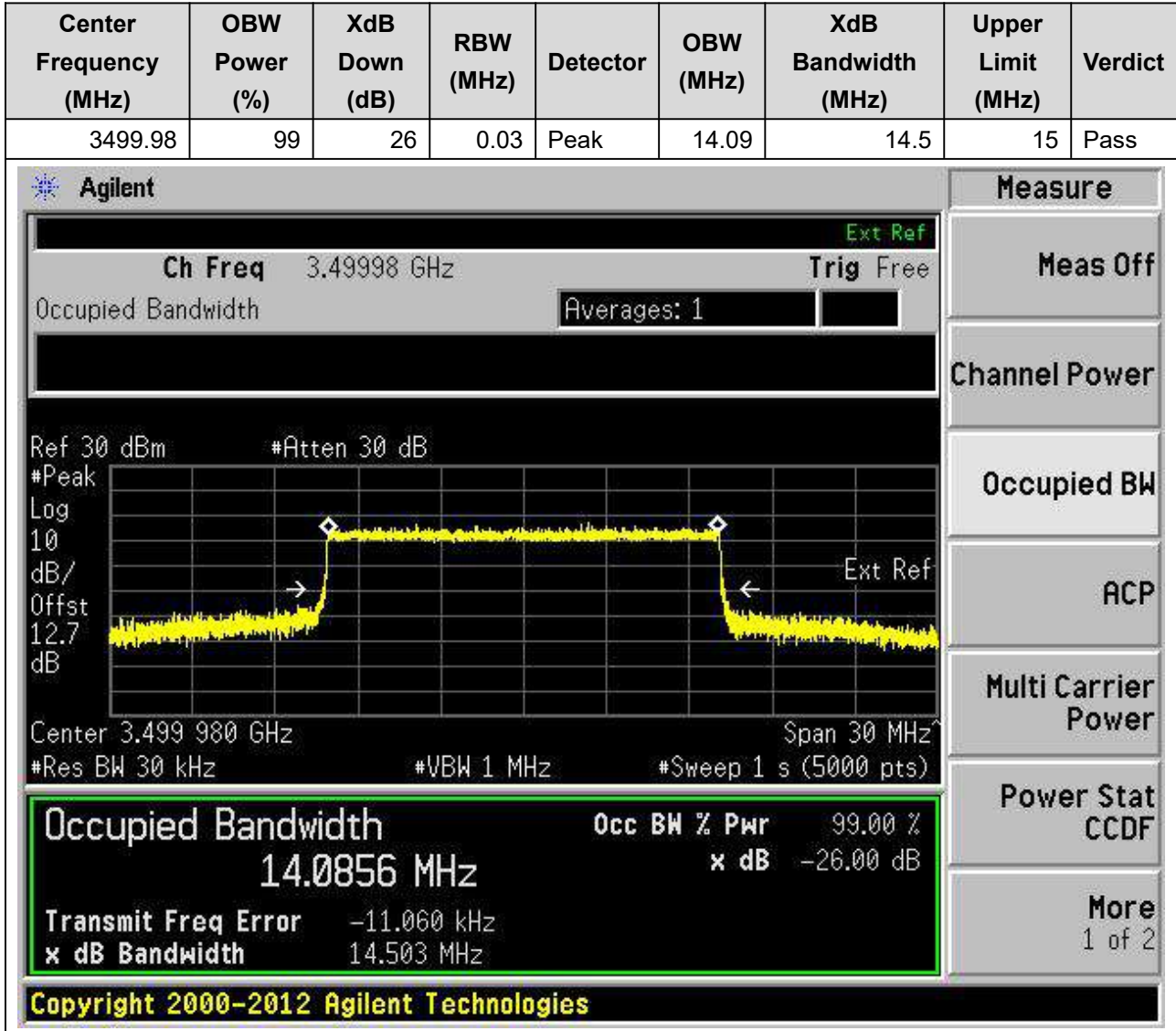
ACP

Multi Carrier Power

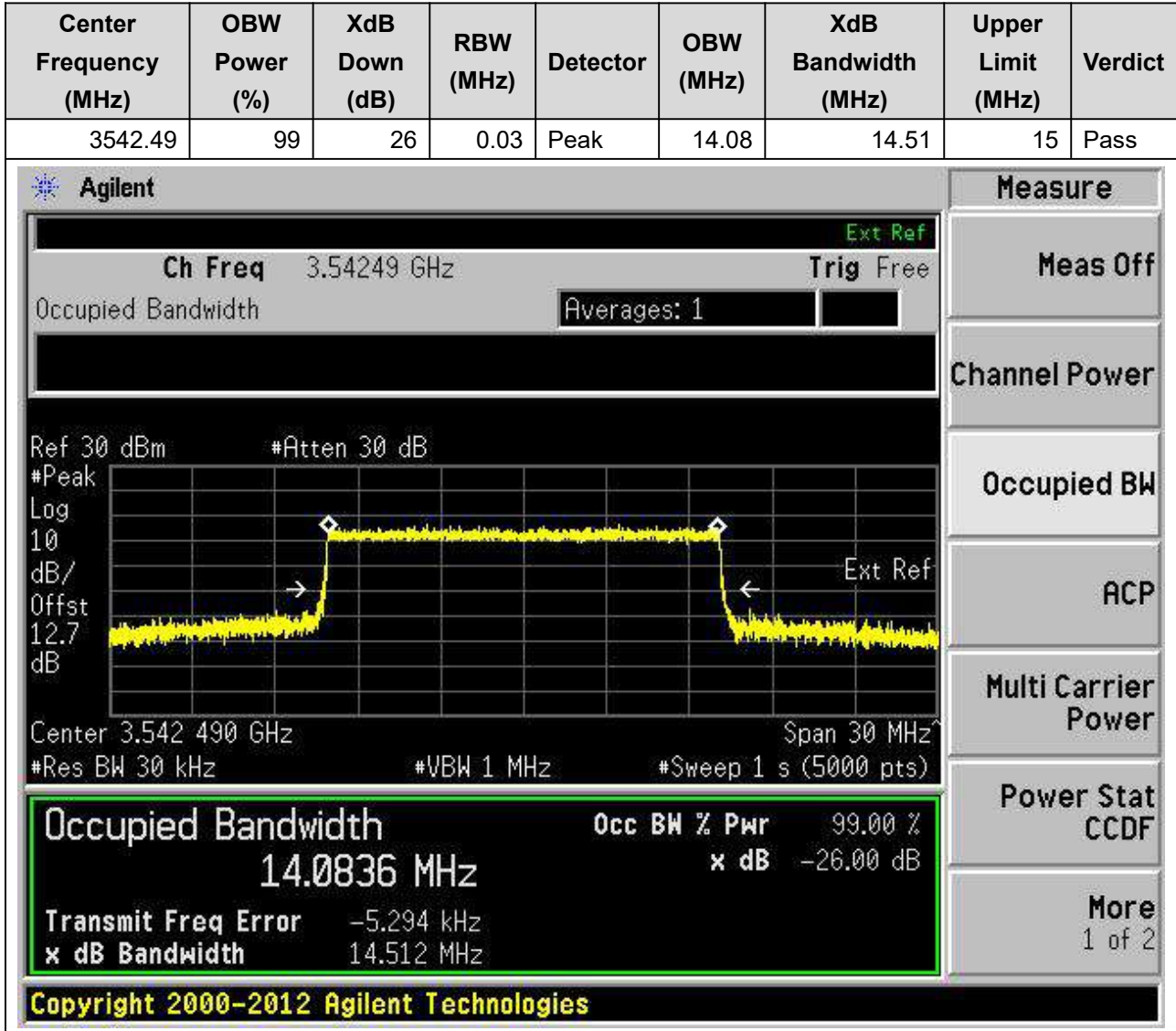
Power Stat CCDF

More 1 of 2

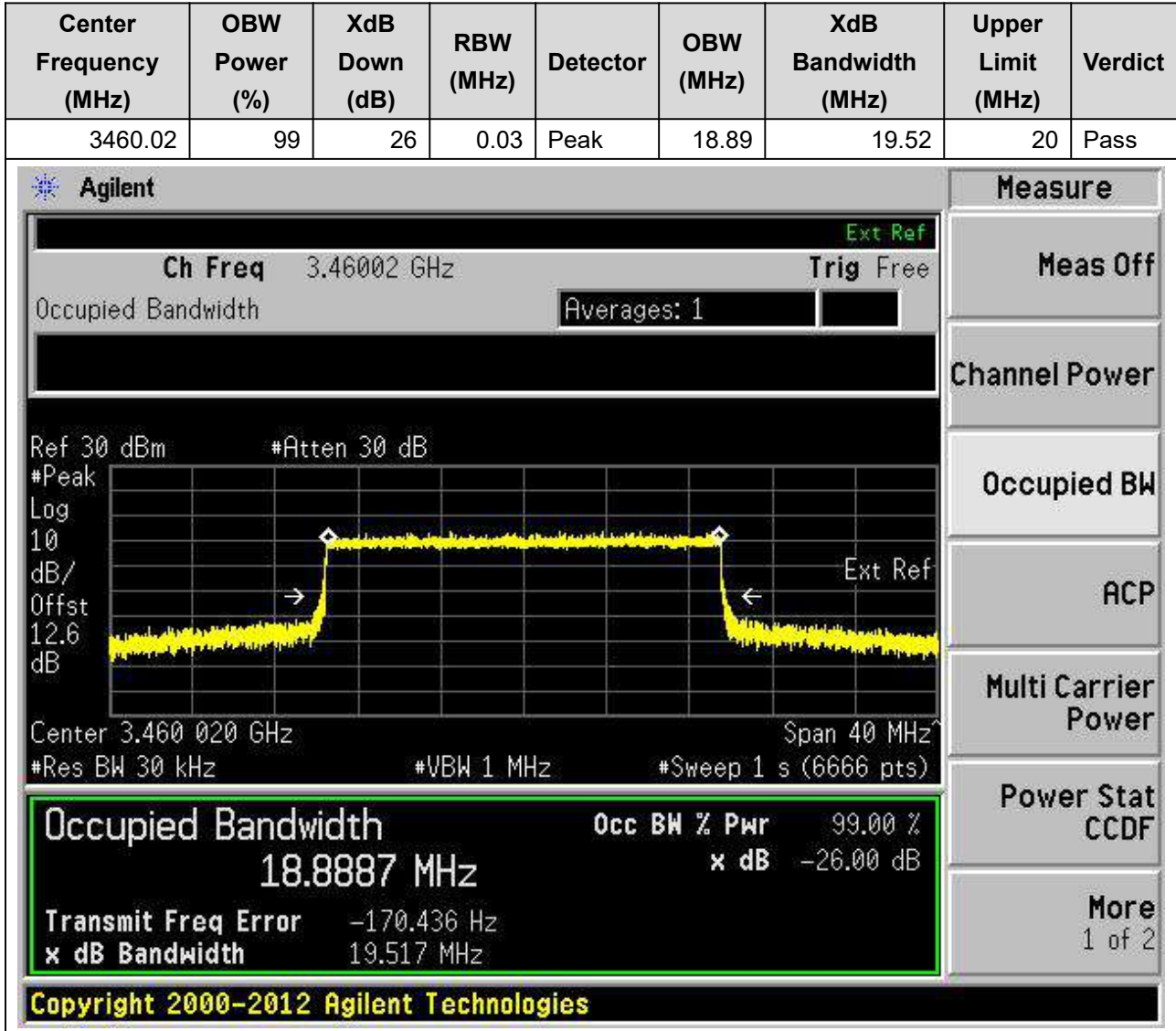
27.5. Occupied Bandwidth for SA(NTNV)(Channel:633332, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)



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



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



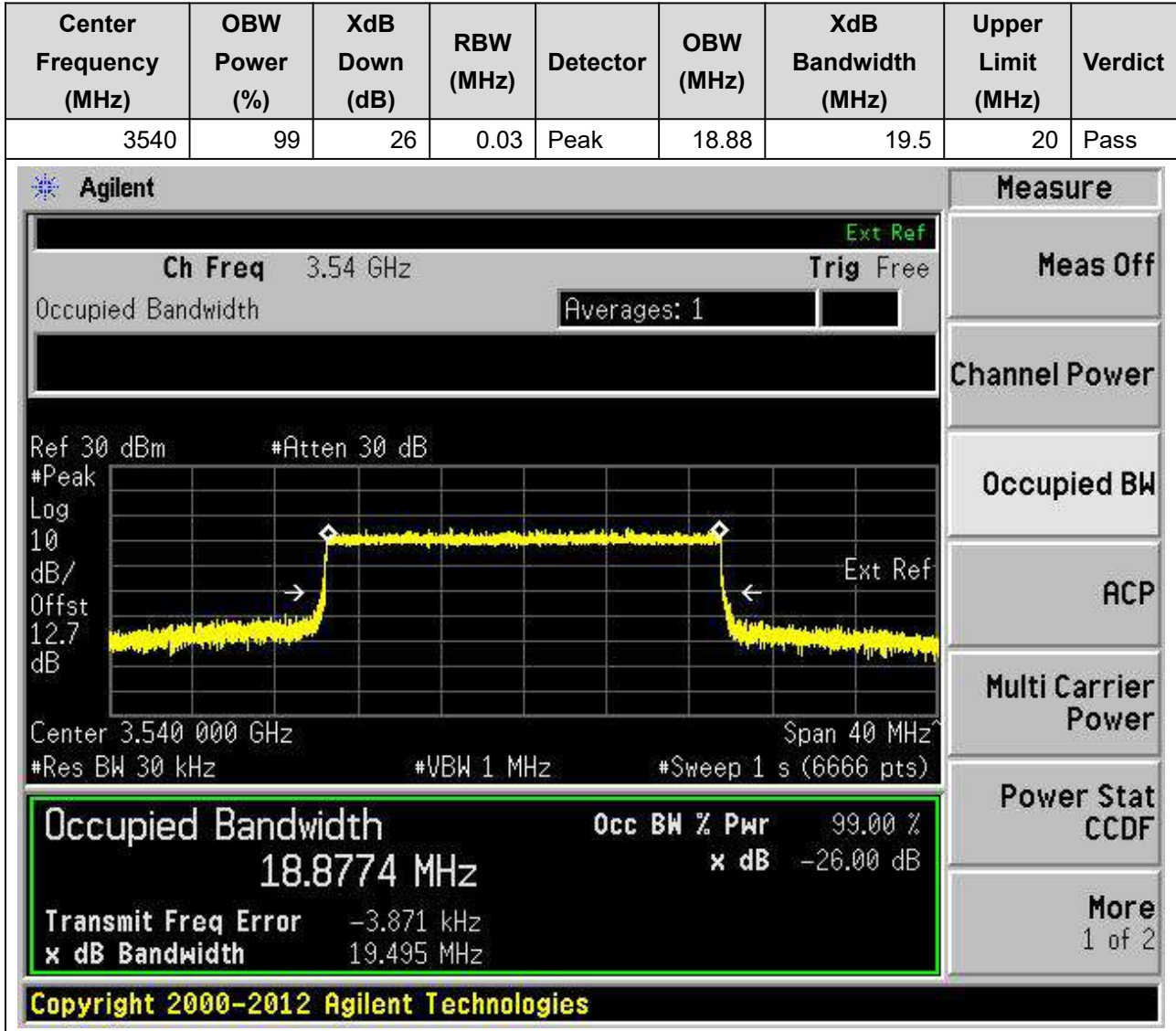
27.8. Occupied Bandwidth for SA(NTNV)(Channel:633332, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)

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	18.89	19.5	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 3.49998 GHz. The occupied bandwidth is measured as 18.8924 MHz. The power is 99.00% and the XdB down is -26.00 dB. The transmit frequency error is -7.828 kHz and the XdB bandwidth is 19.501 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 %
18.8924 MHz	x dB	-26.00 dB
Transmit Freq Error	-7.828 kHz	
x dB Bandwidth	19.501 MHz	

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



27.10. Occupied Bandwidth for SA(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	38.78	41.1	40	Pass

Occupied Bandwidth		Occ BW % Pwr	99.00 %
38.7832 MHz		x dB	-26.00 dB
Transmit Freq Error	35.374 kHz		
x dB Bandwidth	41.097 MHz		

Copyright 2000-2012 Agilent Technologies

27.11. Occupied Bandwidth for SA(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	38.77	41.1	40	Pass

Occupied Bandwidth 38.7748 MHz

Occ BW % Pwr 99.00 %
x dB -26.00 dB

Transmit Freq Error 380.579 Hz
x dB Bandwidth 41.103 MHz

Copyright 2000–2012 Agilent Technologies

27.12. Occupied Bandwidth for SA(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	38.73	41.14	40	Pass

Agilent
Measure

Ch Freq 3.52998 GHz
Ext Ref

Occupied Bandwidth
Trig Free

Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Log
10
dB/
Offst
12.6
dB

Center 3.530 0 GHz
Span 80 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
38.7325 MHz	x dB	-26.00 dB
Transmit Freq Error	-25.548 kHz	
x dB Bandwidth	41.137 MHz	

Power Stat
CCDF

More
1 of 2

Copyright 2000–2012 Agilent Technologies

27.13. Occupied Bandwidth for SA(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	48.22	50.89	50	Pass

Agilent

Ch Freq 3.47502 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.6 dB

Center 3.475 02 GHz Span 100 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
48.2173 MHz	x dB	-26.00 dB
Transmit Freq Error	50.383 kHz	
x dB Bandwidth	50.885 MHz	

Copyright 2000-2012 Agilent Technologies

27.14. Occupied Bandwidth for SA(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	48.23	50.89	50	Pass

Agilent
Measure

Ch Freq 3.49998 GHz
Ext Ref

Occupied Bandwidth
Trig Free

Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Log
10
dB/
Offst
12.7
dB

Center 3.499 98 GHz
Span 100 MHz

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

Occupied Bandwidth

48.2254 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 17.261 kHz

x dB Bandwidth 50.894 MHz

Copyright 2000–2012 Agilent Technologies

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

27.15. Occupied Bandwidth for SA(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	48.19	50.92	50	Pass

Agilent
Measure

Ch Freq 3.525 GHz
Ext Ref

Occupied Bandwidth
Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Trig Free

Log
Ext Ref

10

dB/

Offst

12.6

dB

Center 3.525 00 GHz
Span 100 MHz

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

Occupied Bandwidth
Occ BW % Pwr 99.00 %

48.1870 MHz
x dB -26.00 dB

Transmit Freq Error 4.120 kHz

x dB Bandwidth 50.920 MHz

Copyright 2000-2012 Agilent Technologies

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

27.16. Occupied Bandwidth for SA(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	57.7	60.65	60	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'dB/Offst 12.5 dB' and the x-axis is 'Center 3.480 00 GHz'. The plot shows a signal with a sharp peak and a wider base, indicating occupied bandwidth. The 'Occupied Bandwidth' measurement is highlighted in a green box at the bottom of the screen.

Occupied Bandwidth 57.6975 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -8.420 kHz

x dB Bandwidth 60.654 MHz

Copyright 2000-2012 Agilent Technologies

27.17. Occupied Bandwidth for SA(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	57.72	60.68	60	Pass

Agilent

Ch Freq 3.49998 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.7 dB

Center 3.499 98 GHz Span 120 MHz

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

Occupied Bandwidth 57.7195 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 2.684 kHz

x dB Bandwidth 60.683 MHz

Copyright 2000-2012 Agilent Technologies

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

27.18. Occupied Bandwidth for SA(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	57.73	60.69	60	Pass

Agilent

Ext Ref
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

Ext Ref

Center 3.519 99 GHz

Span 120 MHz

#Res BW 1 MHz

#VBW 3 MHz

#Sweep 1 s (600 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
57.7295 MHz	x dB	-26.00 dB
Transmit Freq Error	7.992 kHz	
x dB Bandwidth	60.686 MHz	

Copyright 2000-2012 Agilent Technologies

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

27.19. Occupied Bandwidth for SA(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	77.37	80.5	80	Pass

Occupied Bandwidth 77.3661 MHz

Occ BW % Pwr 99.00 %
x dB -26.00 dB

Transmit Freq Error 79.996 kHz
x dB Bandwidth 80.502 MHz

Copyright 2000–2012 Agilent Technologies

27.20. Occupied Bandwidth for SA(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	80.54	80	Pass

Agilent
Measure

Ch Freq 3.49998 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

77.3562 MHz

Transmit Freq Error 83.142 kHz

x dB Bandwidth 80.541 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Copyright 2000–2012 Agilent Technologies

27.21. Occupied Bandwidth for SA(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	77.36	80.58	80	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'dB/Offst' and the x-axis is 'Center'. The plot shows a signal with a peak at 3.51 GHz. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen.

Occupied Bandwidth 77.3616 MHz

Occ BW % Pwr 99.00 %
x dB -26.00 dB

Transmit Freq Error 70.309 kHz
x dB Bandwidth 80.582 MHz

Copyright 2000-2012 Agilent Technologies

On the right side, 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).

27.22. Occupied Bandwidth for SA(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	87.25	90.54	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 3.495 GHz, and the span is 180 MHz. The occupied bandwidth is measured as 87.2524 MHz, which is 99.00% of the 90 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is 168.596 kHz, and the XdB bandwidth is 90.538 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 %
87.2524 MHz	x dB	-26.00 dB
Transmit Freq Error	168.596 kHz	
x dB Bandwidth	90.538 MHz	

27.23. Occupied Bandwidth for SA(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	87.18	90.73	90	Pass

Agilent

Ch Freq 3.49998 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.7 dB

Center 3.499 98 GHz Span 180 MHz

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

Occupied Bandwidth 87.1781 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 236.113 kHz

x dB Bandwidth 90.729 MHz

Copyright 2000-2012 Agilent Technologies

27.24. Occupied Bandwidth for SA(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	87.25	90.62	90	Pass

Agilent
Measure

Ch Freq 3.50499 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.6

dB

Ext Ref

Center 3.504 99 GHz
Span 180 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
87.2496 MHz	x dB	-26.00 dB
Transmit Freq Error	165.856 kHz	
x dB Bandwidth	90.625 MHz	

Copyright 2000–2012 Agilent Technologies

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

27.25. Occupied Bandwidth for SA(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	97.03	100.59	100	Pass

Agilent

Ch Freq 3.49998 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.7 dB

Center 3.499 98 GHz Span 200 MHz

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

Occupied Bandwidth 97.0343 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 127.784 kHz

x dB Bandwidth 100.590 MHz

Copyright 2000-2012 Agilent Technologies

Measure

Meas Off

Channel Power

Occupied BW

ACP

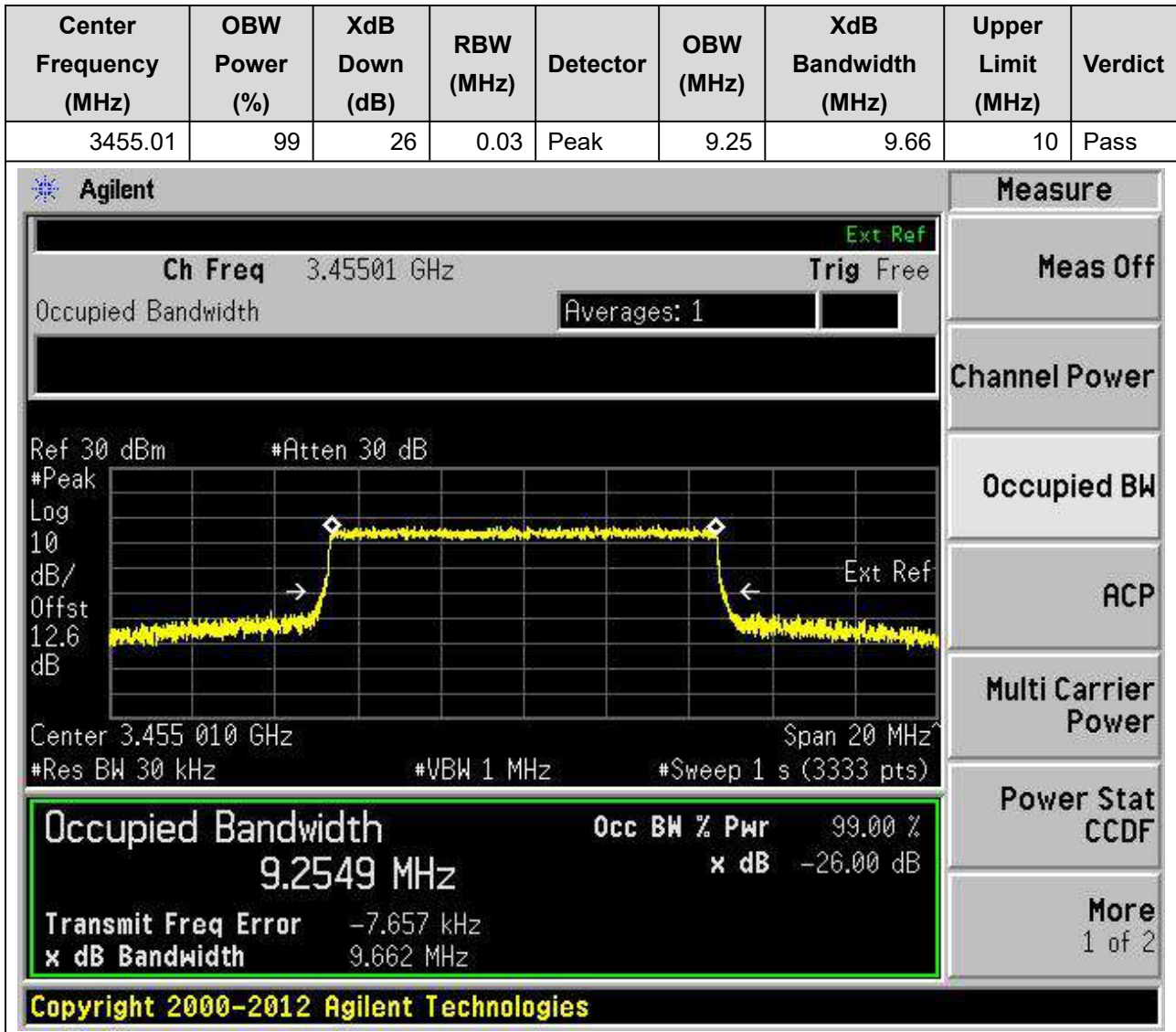
Multi Carrier Power

Power Stat CCDF

More 1 of 2

28. n78_(3450-3550MHz)

28.1. Occupied Bandwidth for SA(NTNV)(Channel:630334, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)



28.2. Occupied Bandwidth for SA(NTNV)(Channel:633332, 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
3499.98	99	26	0.03	Peak	9.26	9.65	10	Pass

Agilent

Ch Freq 3.49998 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.7 dB

Center 3.499 980 GHz Span 20 MHz

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

Occupied Bandwidth 9.2593 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -10.319 kHz

x dB Bandwidth 9.650 MHz

Copyright 2000-2012 Agilent Technologies

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

28.3. Occupied Bandwidth for SA(NTNV)(Channel:636332, 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
3544.98	99	26	0.03	Peak	9.27	9.73	10	Pass

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

Measurement	Value
Occupied Bandwidth	9.2664 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-11.244 kHz
x dB Bandwidth	9.725 MHz

Additional parameters shown in the interface include: Ch Freq 3.54498 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log, 10 dB/Offst, 12.7 dB, Center 3.544 980 GHz, Span 20 MHz, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 1 s (3333 pts).

Copyright 2000-2012 Agilent Technologies

28.4. Occupied Bandwidth for SA(NTNV)(Channel:630500, 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
3457.5	99	26	0.03	Peak	14.07	14.51	15	Pass

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

Measurement	Value
Occupied Bandwidth	14.0747 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	808.060 Hz
x dB Bandwidth	14.507 MHz

Additional parameters shown in the interface include: Ch Freq 3.4575 GHz, Span 30 MHz, Res BW 30 kHz, VBW 1 MHz, Sweep 1 s (5000 pts), and a 'Measure' menu with options like Meas Off, Channel Power, and Occupied BW.

Copyright 2000-2012 Agilent Technologies

28.5. Occupied Bandwidth for SA(NTNV)(Channel:633332, 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
3499.98	99	26	0.03	Peak	14.08	14.5	15	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 3.49998 GHz with a span of 30 MHz. The signal level is approximately 30 dBm, and the noise floor is around -12.7 dB. The occupied bandwidth is measured as 14.0800 MHz, which is 99.00% of the total bandwidth. The XdB Down is -26.00 dB. The transmit frequency error is -7.561 kHz, and the x dB Bandwidth is 14.498 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 %
14.0800 MHz	x dB	-26.00 dB
Transmit Freq Error	-7.561 kHz	
x dB Bandwidth	14.498 MHz	

28.6. Occupied Bandwidth for SA(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	14.09	14.5	15	Pass

Agilent

Ch Freq 3.54249 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.7 dB

Center 3.542 490 GHz Span 30 MHz

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

Occupied Bandwidth 14.0851 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -4.247 kHz

x dB Bandwidth 14.495 MHz

Copyright 2000-2012 Agilent Technologies

Measure

Meas Off

Channel Power

Occupied BW

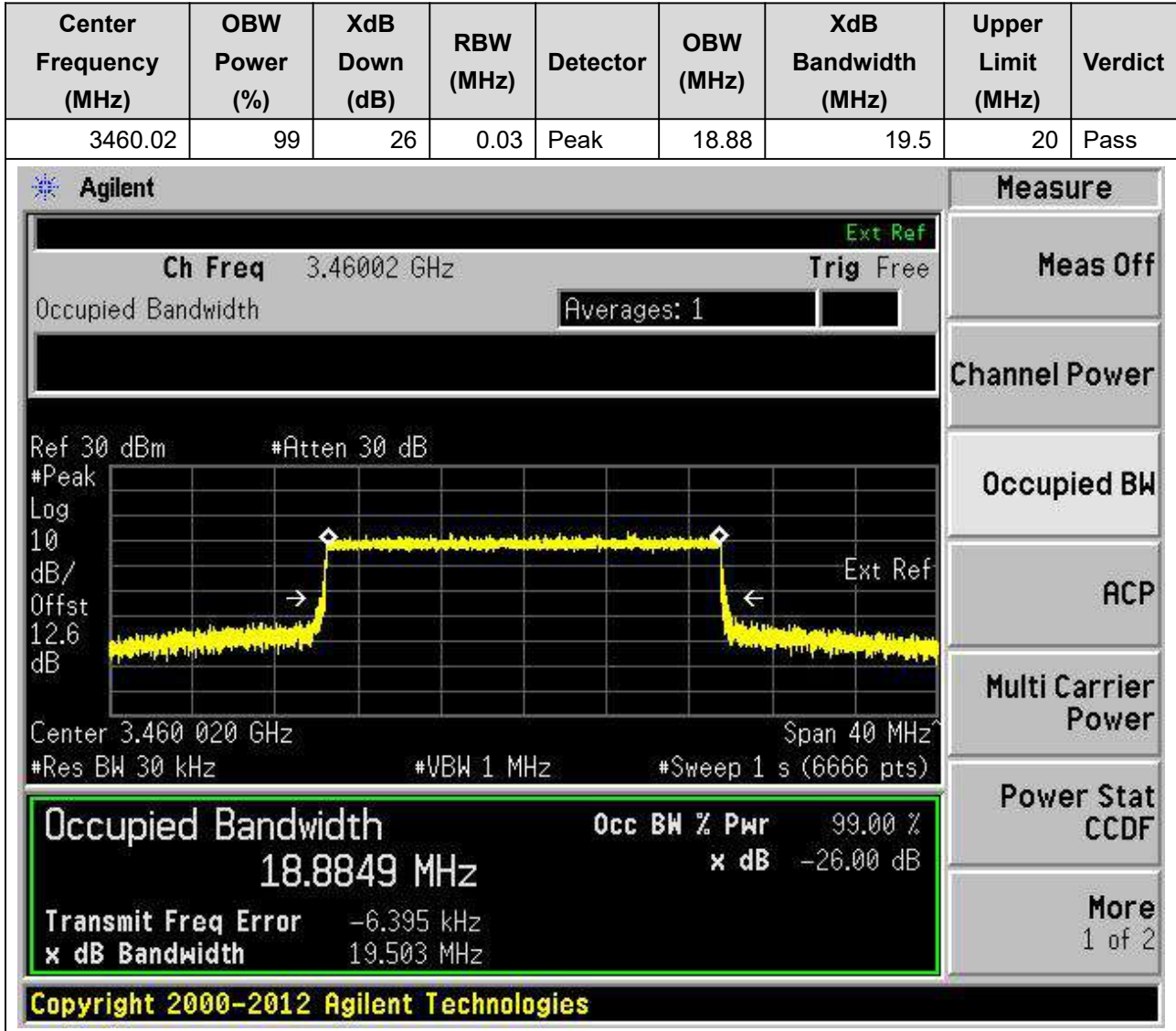
ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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



28.8. Occupied Bandwidth for SA(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	18.88	19.49	20	Pass

Occupied Bandwidth 18.8840 MHz

Occ BW % Pwr 99.00 %
x dB -26.00 dB

Transmit Freq Error -7.083 kHz
x dB Bandwidth 19.494 MHz

Copyright 2000-2012 Agilent Technologies

28.9. Occupied Bandwidth for SA(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	18.87	19.5	20	Pass

Agilent

Ch Freq 3.54 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak
Log
10
dB/
Offst
12.7
dB

Center 3.540 000 GHz Span 40 MHz
#Res BW 30 kHz #VBW 1 MHz #Sweep 1 s (6666 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %
18.8735 MHz x dB -26.00 dB

Transmit Freq Error -3.984 kHz
x dB Bandwidth 19.501 MHz

Copyright 2000-2012 Agilent Technologies

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

28.10. Occupied Bandwidth for SA(NTNV)(Channel:631000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:160, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3465	99	26	1	Peak	29.02	31.16	30	Pass

Occupied Bandwidth 29.0198 MHz

Occ BW % Pwr 99.00 %
x dB -26.00 dB

Transmit Freq Error -9.770 kHz
x dB Bandwidth 31.156 MHz

Copyright 2000-2012 Agilent Technologies

28.11. Occupied Bandwidth for SA(NTNV)(Channel:633332, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:160, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	28.94	31.12	30	Pass

Agilent

Ext Ref

Ch Freq 3.49998 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.7

dB

Center 3.499 98 GHz Span 60 MHz

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

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

28.9445 MHz **x dB** -26.00 dB

Transmit Freq Error 10.321 kHz

x dB Bandwidth 31.123 MHz

Copyright 2000–2012 Agilent Technologies

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

28.12. Occupied Bandwidth for SA(NTNV)(Channel:635666, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:160, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3534.99	99	26	1	Peak	28.93	31.08	30	Pass

Agilent

Ext Ref

Ch Freq 3.53499 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.6

dB

Center 3.534 99 GHz Span 60 MHz

#Res BW 1 MHz #VBW 3 MHz

#Sweep 1 s (401 pts)

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

28.9268 MHz **x dB** -26.00 dB

Transmit Freq Error -38.395 kHz

x dB Bandwidth 31.084 MHz

Copyright 2000-2012 Agilent Technologies

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

28.13. Occupied Bandwidth for SA(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	38.82	41.11	40	Pass

Agilent

Ch Freq 3.47001 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.6 dB

Center 3.470 0 GHz Span 80 MHz

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

Occupied Bandwidth 38.8210 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 27.261 kHz

x dB Bandwidth 41.115 MHz

Copyright 2000-2012 Agilent Technologies

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

28.14. Occupied Bandwidth for SA(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	38.77	41.14	40	Pass

Agilent

Ch Freq 3.49998 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.7 dB

Center 3.500 0 GHz Span 80 MHz

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

Occupied Bandwidth 38.7661 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 22.332 kHz

x dB Bandwidth 41.135 MHz

Copyright 2000-2012 Agilent Technologies

28.15. Occupied Bandwidth for SA(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	38.72	41.13	40	Pass

Agilent

Ch Freq 3.52998 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.6 dB

Center 3.530 0 GHz Span 80 MHz

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

Occupied Bandwidth 38.7229 MHz

Occ BW % Pwr 99.00 %

x dB Bandwidth -26.00 dB

Transmit Freq Error -27.202 kHz

x dB Bandwidth 41.126 MHz

Copyright 2000-2012 Agilent Technologies

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

28.16. Occupied Bandwidth for SA(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	48.26	50.92	50	Pass

Agilent

Ext Ref

Ch Freq 3.47502 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

12.6

dB

Center 3.475 02 GHz Span 100 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
48.2627 MHz	x dB	-26.00 dB
Transmit Freq Error	49.886 kHz	
x dB Bandwidth	50.921 MHz	

Copyright 2000–2012 Agilent Technologies