

2.62. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:507000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:160, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	1	Peak	28.8	31.11	30	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 2.535 GHz with a span of 60 MHz. The y-axis is labeled 'dB/Offst' and ranges from 10 to 11.1 dB. The plot shows a signal with a peak at approximately 2.535 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 28.8011 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -35.439 kHz and the 'x dB Bandwidth' is 31.115 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Occupied Bandwidth	Occ BW % Pwr
28.8011 MHz	99.00 %
Transmit Freq Error	x dB
-35.439 kHz	-26.00 dB
x dB Bandwidth	
31.115 MHz	

2.63. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:511000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:160, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2555	99	26	1	Peak	28.8	31.1	30	Pass

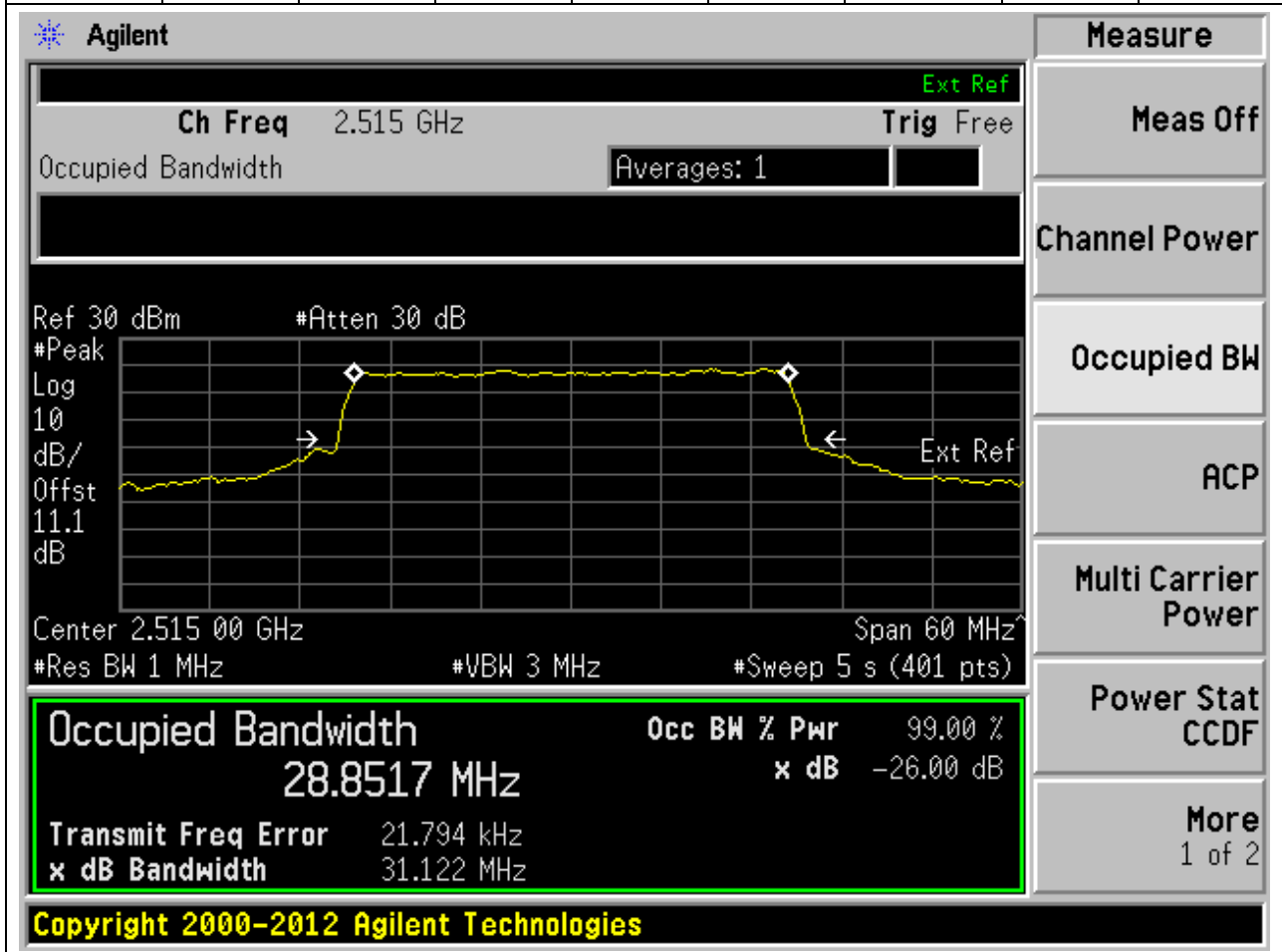
The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 2.555 GHz. The main display shows a spectrum plot with a yellow trace. The plot parameters include a reference level of 30 dBm, an attenuation of 30 dB, a resolution bandwidth of 1 MHz, and a video bandwidth of 3 MHz. The span is 60 MHz. The measurement results are highlighted in a green box:

Occupied Bandwidth	Occ BW % Pwr	99.00 %
28.7998 MHz	x dB	-26.00 dB
Transmit Freq Error		-38.579 kHz
x dB Bandwidth		31.095 MHz

Additional parameters shown include: Center 2.555 00 GHz, Span 60 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts). The interface also features a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The copyright notice at the bottom reads 'Copyright 2000-2012 Agilent Technologies'.

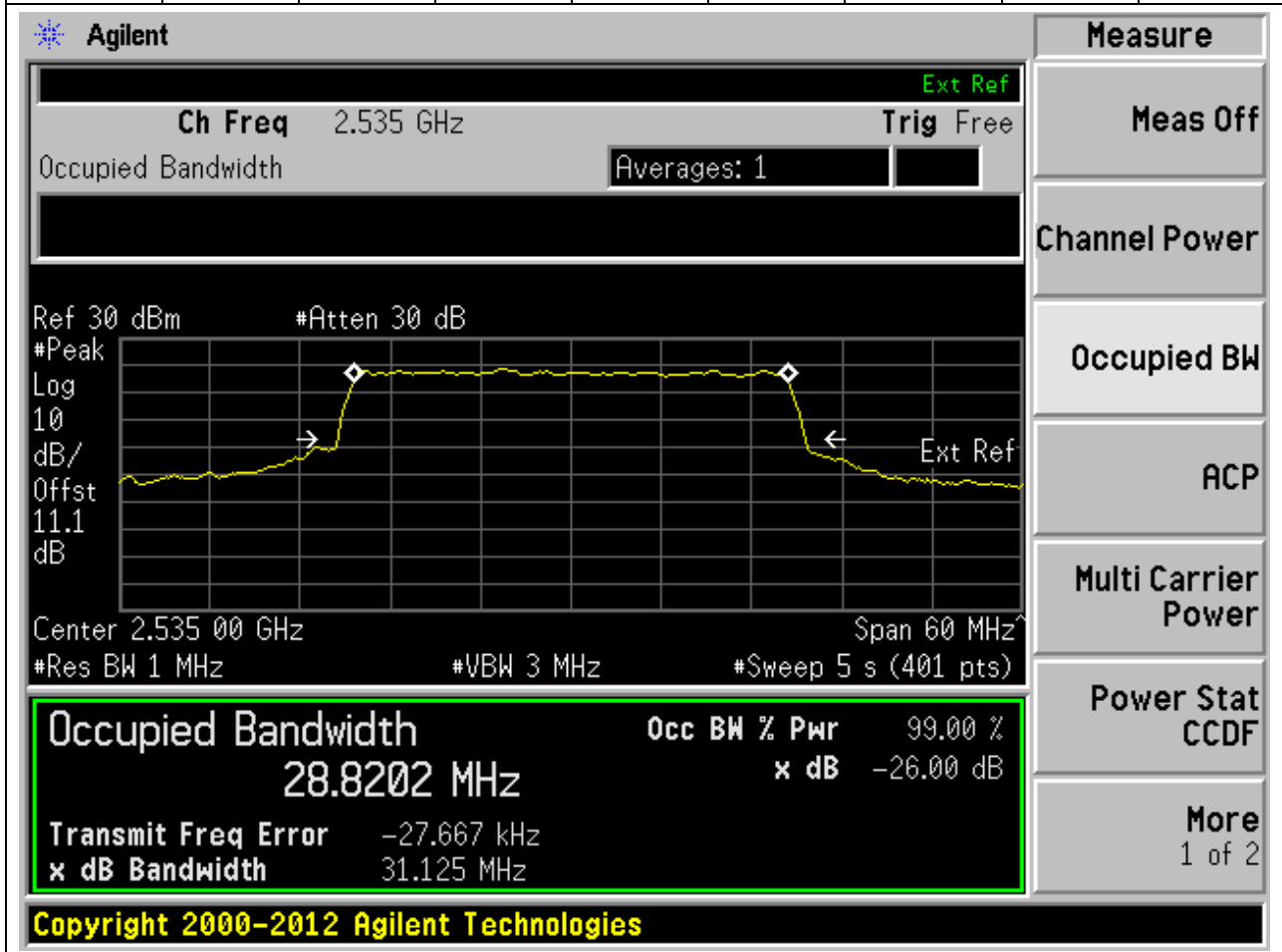
2.64. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:503000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:160, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2515	99	26	1	Peak	28.85	31.12	30	Pass



2.65. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:507000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:160, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	1	Peak	28.82	31.12	30	Pass



2.66. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:511000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:160, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2555	99	26	1	Peak	28.85	31.12	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 2.555 GHz. The main display shows a spectral plot with a yellow trace. The y-axis is labeled 'dB/Offst' and the x-axis is 'MHz'. The plot shows a signal with a peak at 2.555 GHz. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen, showing a value of 28.8533 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -31.273 kHz and the 'x dB Bandwidth' is 31.124 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Occupied Bandwidth	Occ BW % Pwr
28.8533 MHz	99.00 %
Transmit Freq Error	x dB
-31.273 kHz	-26.00 dB
x dB Bandwidth	
31.124 MHz	

2.67. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:503000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:160, RB Position:0)

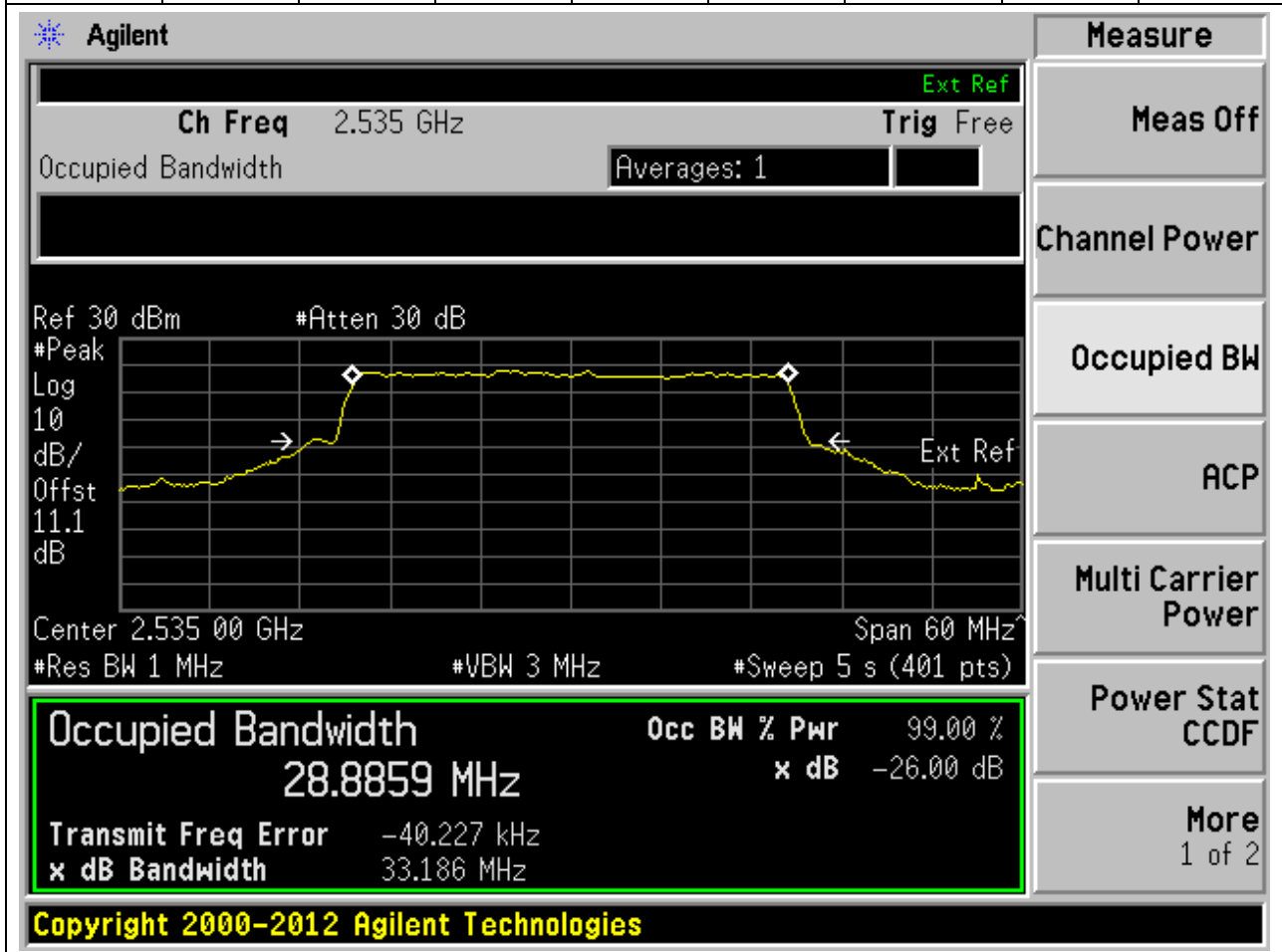
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2515	99	26	1	Peak	28.9	31.54	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.515 GHz, and the span is 60 MHz. The occupied bandwidth is measured as 28.8962 MHz, which is 99.00% of the channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is 13.027 kHz, and the XdB bandwidth is 31.538 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'. The bottom of the screen shows the copyright information: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
28.8962 MHz	x dB	-26.00 dB
Transmit Freq Error	13.027 kHz	
x dB Bandwidth	31.538 MHz	

2.68. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:507000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:160, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	1	Peak	28.89	33.19	30	Pass



2.69. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:511000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:160, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2555	99	26	1	Peak	28.92	33.21	30	Pass

Agilent
Measure

Ch Freq 2.555 GHz Trig Free

Occupied Bandwidth Averages: 1

Ext Ref

Ref 30 dBm #Atten 30 dB

Center 2.555 00 GHz Span 60 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
28.9240 MHz	x dB	-26.00 dB
Transmit Freq Error	-51.284 kHz	
x dB Bandwidth	33.213 MHz	

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

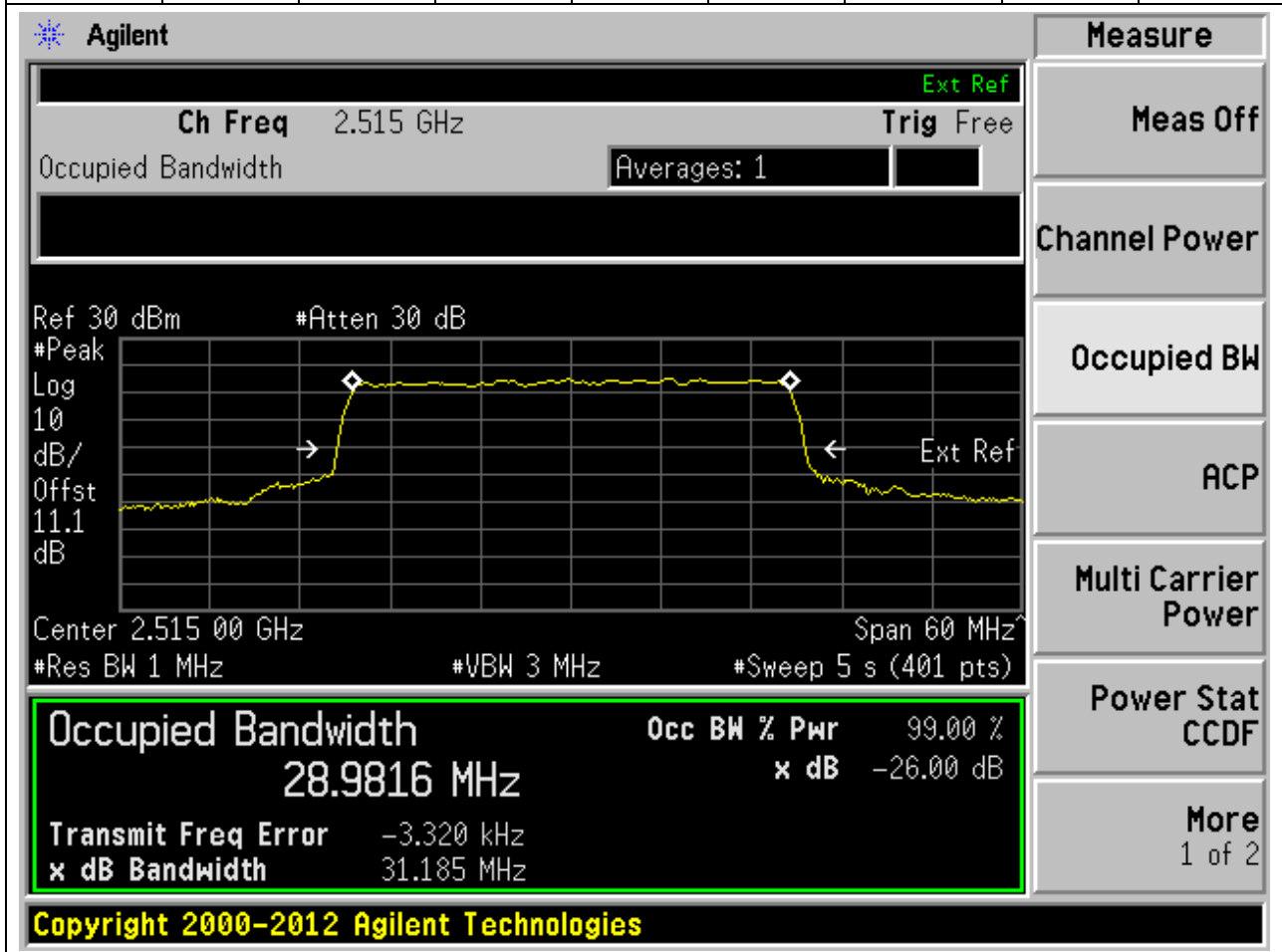
Power Stat CCDF

More
1 of 2

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2.70. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:503000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:160, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2515	99	26	1	Peak	28.98	31.19	30	Pass



2.71. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:507000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:160, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	1	Peak	28.95	31.21	30	Pass

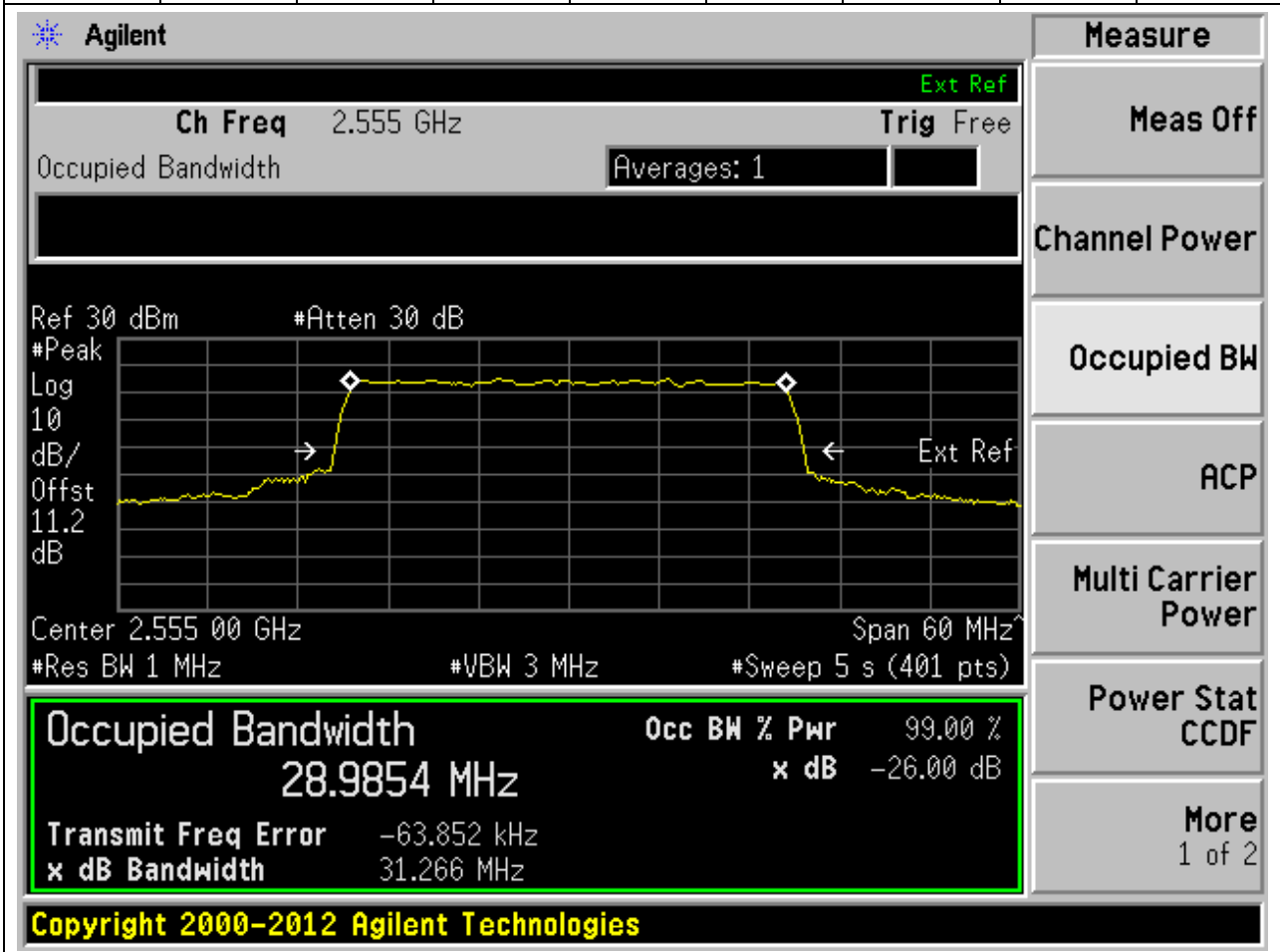
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 2.535 GHz, and the span is 60 MHz. The occupied bandwidth is measured as 28.9460 MHz, which is 99.00% of the channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -58.242 kHz, and the x dB bandwidth is 31.208 MHz. The interface includes various measurement controls and a list of measurement options on the right side.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
28.9460 MHz	x dB	-26.00 dB
Transmit Freq Error	-58.242 kHz	
x dB Bandwidth	31.208 MHz	

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2.72. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:511000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:160, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2555	99	26	1	Peak	28.99	31.27	30	Pass



2.73. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:504000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)

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

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'dB/Offst' and the x-axis is 'Center 2.520 0 GHz'. The plot shows a signal with a flat top and sloped sides, characteristic of a channel. Two white diamonds mark the edges of the signal, and a double-headed arrow indicates the occupied bandwidth. The text 'Ext Ref' is visible on the right side of the plot.

Below the plot, the following parameters are displayed:

- Center 2.520 0 GHz
- Span 80 MHz
- #Res BW 1 MHz
- #VBW 3 MHz
- #Sweep 5 s (401 pts)

A summary box at the bottom of the plot area shows the following results:

Occupied Bandwidth	Occ BW % Pwr	99.00 %
38.6823 MHz	x dB	-26.00 dB
Transmit Freq Error		10.626 kHz
x dB Bandwidth		41.205 MHz

On the right side of the interface, there is a vertical menu with the following options:

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

At the bottom of the interface, the text 'Copyright 2000-2012 Agilent Technologies' is displayed.

2.74. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:507000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	1	Peak	38.69	41.25	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'dB/Offst' and the x-axis is 'MHz'. The plot shows a signal with a flat top and sloped sides, characteristic of a modulated signal. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen.

Occupied Bandwidth 38.6928 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -36.641 kHz

x dB Bandwidth 41.251 MHz

Other visible parameters include: Ch Freq 2.535 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts), Span 80 MHz, and Ext Ref.

2.75. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:510000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2550	99	26	1	Peak	38.75	41.27	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace representing the signal. The plot is centered at 2.550 GHz with a span of 80 MHz. The y-axis is labeled 'dB/Offst' and ranges from 10 to 11.2 dB. The plot shows a signal with a peak at approximately 2.550 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 38.7488 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -59.396 kHz and the 'x dB Bandwidth' is 41.270 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Occupied Bandwidth	Occ BW % Pwr
38.7488 MHz	99.00 %
Transmit Freq Error	x dB
-59.396 kHz	-26.00 dB
x dB Bandwidth	
41.270 MHz	

2.76. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:504000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:216, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2520	99	26	1	Peak	38.72	41.17	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 2.52 GHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow trace. The plot is labeled with 'Ref 30 dBm' and '#Atten 30 dB'. The y-axis is labeled '#Peak Log 10 dB/Offst 11.1 dB'. The x-axis is labeled 'Center 2.520 0 GHz' and 'Span 80 MHz'. Below the plot, the following parameters are shown: '#Res BW 1 MHz', '#VBW 3 MHz', and '#Sweep 5 s (401 pts)'. A green box highlights the 'Occupied Bandwidth' measurement results: 'Occupied Bandwidth 38.7162 MHz', 'Occ BW % Pwr 99.00 %', and 'x dB -26.00 dB'. Other parameters shown include 'Transmit Freq Error -22.458 kHz' and 'x dB Bandwidth 41.172 MHz'. 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, the copyright notice 'Copyright 2000-2012 Agilent Technologies' is visible.

2.77. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:507000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:216, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	1	Peak	38.7	41.25	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 2.535 GHz' and 'Trig Free'. The 'Occupied Bandwidth' measurement is highlighted with a green box, showing a value of 38.6988 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -61.476 kHz and the 'x dB Bandwidth' is 41.253 MHz. The graph shows a signal with a peak at 2.535 GHz and a bandwidth of approximately 38.7 MHz. The 'Ext Ref' is marked on the graph. 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'. The bottom of the screen displays 'Copyright 2000-2012 Agilent Technologies'.

2.78. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:510000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:216, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2550	99	26	1	Peak	38.76	41.31	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'dB/Offst' and the x-axis is labeled 'Center'. The plot shows a signal with a flat top and sloping sides, characteristic of a channel. Two white diamonds mark the upper and lower bounds of the signal. The text 'Ext Ref' is visible on the right side of the plot.

Below the plot, the following parameters are displayed:

- Center: 2.550 0 GHz
- Span: 80 MHz
- #Res BW: 1 MHz
- #VBW: 3 MHz
- #Sweep: 5 s (401 pts)

The measurement results are summarized in a table at the bottom of the screen:

Occupied Bandwidth	Occ BW % Pwr	x dB
38.7626 MHz	99.00 %	-26.00 dB
Transmit Freq Error	-90.620 kHz	
x dB Bandwidth	41.309 MHz	

On the right side of the interface, there is a vertical menu with the following options:

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

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

2.79. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:504000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:216, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2520	99	26	1	Peak	38.68	41.26	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is titled 'Occupied Bandwidth' and shows a signal centered at 2.52 GHz. The y-axis is labeled 'dB/Offst' and the x-axis is labeled 'MHz'. The plot shows a signal with a peak at 2.52 GHz and a bandwidth of 38.6770 MHz. The signal is measured at a reference level of 30 dBm and an attenuation of 30 dB. The plot also shows the 'Ext Ref' level and the 'Averages: 1' setting.

The summary table at the bottom of the screen shows the following results:

Occupied Bandwidth	Occ BW % Pwr	x dB
38.6770 MHz	99.00 %	-26.00 dB
Transmit Freq Error	31.834 kHz	
x dB Bandwidth	41.262 MHz	

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2.80. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:507000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:216, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	1	Peak	38.7	41.22	40	Pass

Agilent

Ch Freq 2.535 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.1 dB

Center 2.535 0 GHz Span 80 MHz

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

Occupied Bandwidth 38.7019 MHz

Occ BW % Pwr 99.00 %

x dB Bandwidth 41.221 MHz

x dB -26.00 dB

Transmit Freq Error -19.575 kHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

2.81. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:510000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:216, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2550	99	26	1	Peak	38.73	41.3	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'dB/Offst' and the x-axis is labeled 'Center'. The plot shows a signal with a peak at 2.55 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 38.7285 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -35.207 kHz and the 'x dB Bandwidth' is 41.298 MHz. The 'Copyright 2000-2012 Agilent Technologies' is visible at the bottom.

Occupied Bandwidth	Occ BW % Pwr	x dB
38.7285 MHz	99.00 %	-26.00 dB

2.82. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:504000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:216, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2520	99	26	1	Peak	38.68	41.25	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 2.52 GHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow trace. The plot parameters include 'Ref 30 dBm', '#Atten 30 dB', 'Center 2.520 0 GHz', 'Span 80 MHz', '#Res BW 1 MHz', '#VBW 3 MHz', and '#Sweep 5 s (401 pts)'. The plot shows a signal with a peak at approximately 2.52 GHz. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the plot area, showing 'Occupied Bandwidth 38.6837 MHz' and 'Occ BW % Pwr 99.00 % x dB -26.00 dB'. Other parameters shown include 'Transmit Freq Error 11.496 kHz' and 'x dB Bandwidth 41.253 MHz'. 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'. The bottom of the screen displays 'Copyright 2000-2012 Agilent Technologies'.

2.83. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:507000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:216, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2535	99	26	1	Peak	38.66	41.18	40	Pass

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

Occupied Bandwidth	Occ BW % Pwr	x dB
38.6615 MHz	99.00 %	-26.00 dB

Additional parameters shown in the screenshot include:

- Center Frequency: 2.535 GHz
- Span: 80 MHz
- Res BW: 1 MHz
- VBW: 3 MHz
- Sweep: 5 s (401 pts)
- Ref: 30 dBm
- Atten: 30 dB
- Ext Ref: -26.00 dB

The interface also includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The copyright notice at the bottom reads 'Copyright 2000-2012 Agilent Technologies'.

2.84. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:510000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:216, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2550	99	26	1	Peak	38.72	41.18	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'dB/Offst' and the x-axis is 'Center 2.550 0 GHz'. The plot shows a signal with a peak at approximately 2.55 GHz. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen, showing a value of 38.7211 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -57.576 kHz and the 'x dB Bandwidth' is 41.179 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Occupied Bandwidth	Occ BW % Pwr
38.7211 MHz	99.00 %
Transmit Freq Error	x dB
-57.576 kHz	-26.00 dB
x dB Bandwidth	
41.179 MHz	

2.85. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:505000, 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
2525	99	26	1	Peak	48.26	50.91	50	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'dB/Offst' and the x-axis is 'MHz'. The plot shows a signal centered at 2.525 GHz with a bandwidth of approximately 50 MHz. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen, showing a value of 48.2590 MHz and 99.00% power. The 'X dB Bandwidth' is 50.908 MHz. The 'Transmit Freq Error' is 21.408 kHz. The 'Copyright 2000-2012 Agilent Technologies' is visible at the bottom.

Occupied Bandwidth	Occ BW % Pwr
48.2590 MHz	99.00 %

Transmit Freq Error	x dB Bandwidth
21.408 kHz	50.908 MHz

2.86. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:507000, 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
2535	99	26	1	Peak	48.27	50.97	50	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	48.2737 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	13.053 kHz
x dB Bandwidth	50.968 MHz

Other visible parameters include: Ch Freq 2.535 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.1 dB, Center 2.535 00 GHz, Span 100 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (500 pts).

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2.87. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:509000, 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
2545	99	26	1	Peak	48.3	50.92	50	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 2.545 GHz with a span of 100 MHz. The vertical axis is labeled 'dB/Offst' with a peak level of 30 dB and an offset of 11.1 dB. The horizontal axis is labeled 'MHz' with a resolution bandwidth of 1 MHz and a video bandwidth of 3 MHz. The plot shows a signal with a bandwidth of approximately 48.3 MHz. The 'Occupied Bandwidth' measurement is highlighted in a green box, showing a value of 48.2958 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -13.967 kHz and the 'x dB Bandwidth' is 50.919 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom of the interface.

Occupied Bandwidth	Occ BW % Pwr	x dB
48.2958 MHz	99.00 %	-26.00 dB

2.88. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:505000, Bandwidth:50, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, 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
2525	99	26	1	Peak	48.4	51	50	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	48.4011 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	24.927 kHz
x dB Bandwidth	50.998 MHz

Other visible parameters include: Ch Freq 2.525 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst, 11.1 dB, Center 2.525 00 GHz, Span 100 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (500 pts). The 'Measure' menu on the right includes options like Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

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2.89. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:507000, Bandwidth:50, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, 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
2535	99	26	1	Peak	48.4	50.97	50	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 2.535 GHz, and the span is 100 MHz. The occupied bandwidth is measured as 48.4011 MHz, which is 99.00% of the 50 MHz channel bandwidth. 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
48.4011 MHz	99.00 %	-26.00 dB

Transmit Freq Error: 13.376 kHz
 x dB Bandwidth: 50.974 MHz

2.90. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:509000, Bandwidth:50, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, 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
2545	99	26	1	Peak	48.44	50.97	50	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 2.545 GHz, and the span is 100 MHz. The occupied bandwidth is highlighted in green, showing a value of 48.4386 MHz. The power is 99.00% and the XdB down is -26.00 dB. The interface includes various measurement controls and a list of measurement options on the right side.

Measurement	Value
Occupied Bandwidth	48.4386 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-23.960 kHz
x dB Bandwidth	50.970 MHz

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2.91. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:505000, Bandwidth:50, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, 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
2525	99	26	1	Peak	48.24	50.99	50	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 2.525 GHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow trace. The plot parameters include 'Ref 30 dBm', '#Atten 30 dB', 'Center 2.525 00 GHz', 'Span 100 MHz', '#Res BW 1 MHz', '#VBW 3 MHz', and '#Sweep 5 s (500 pts)'. The plot shows a signal with a peak at approximately 2.525 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 48.2353 MHz. Other parameters shown include 'Occ BW % Pwr 99.00 %' and 'x dB -26.00 dB'. The 'Transmit Freq Error' is -11.514 kHz and the 'x dB Bandwidth' is 50.986 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 'Copyright 2000-2012 Agilent Technologies'.

2.92. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:507000, Bandwidth:50, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, 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
2535	99	26	1	Peak	48.23	50.98	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 2.535 GHz, and the span is 100 MHz. The occupied bandwidth is measured as 48.2337 MHz, which is 99.00% of the channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is 733.244 Hz, and the XdB bandwidth is 50.978 MHz. The interface includes various measurement controls and a 'Measure' menu on the right side.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
48.2337 MHz	x dB	-26.00 dB
Transmit Freq Error	733.244 Hz	
x dB Bandwidth	50.978 MHz	

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2.93. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:509000, Bandwidth:50, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, 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
2545	99	26	1	Peak	48.28	50.99	50	Pass

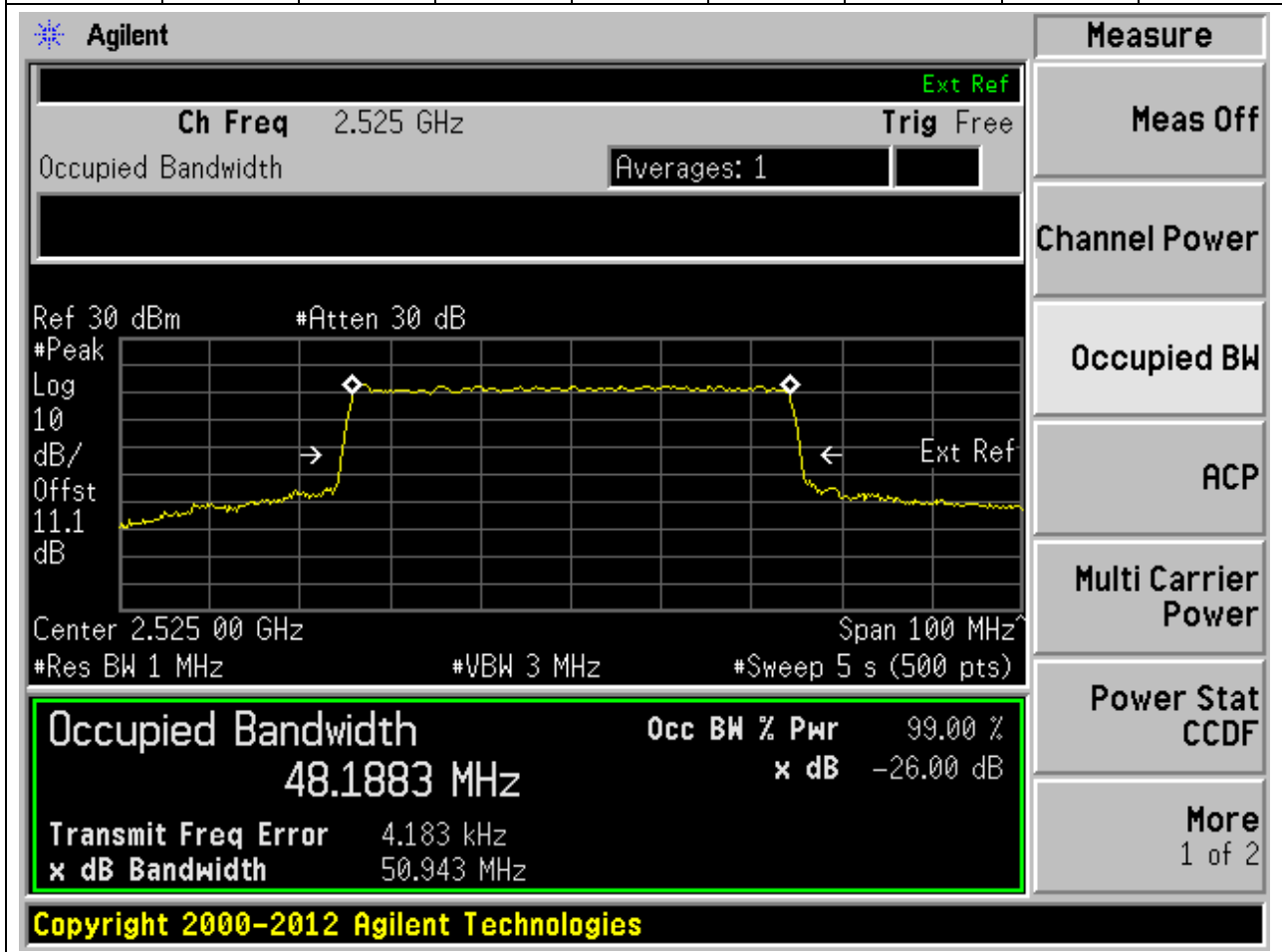
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'dB/Offst' and the x-axis is 'MHz'. The plot shows a signal with a flat top and sloping sides, characteristic of a channel. The top of the plot shows 'Ch Freq 2.545 GHz' and 'Trig Free'. Below the plot, the 'Occupied Bandwidth' is highlighted in a green box with the following values:

Occupied Bandwidth	Occ BW % Pwr	99.00 %
48.2842 MHz	x dB	-26.00 dB
Transmit Freq Error		-37.045 kHz
x dB Bandwidth		50.994 MHz

Other parameters visible in the interface include: Ref 30 dBm, #Atten 30 dB, #Peak Log 10, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (500 pts), Span 100 MHz, and Center 2.545 00 GHz. The right-hand side of the screen shows a 'Measure' menu with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen displays the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

2.94. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:505000, Bandwidth:50, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, 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
2525	99	26	1	Peak	48.19	50.94	50	Pass



2.95. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:507000, Bandwidth:50, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, 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
2535	99	26	1	Peak	48.21	50.96	50	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'dB/Offst' and the x-axis is 'MHz'. The plot shows a signal with a sharp peak at the center frequency, flanked by side lobes. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen.

Occupied Bandwidth 48.2069 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -17.528 kHz

x dB Bandwidth 50.959 MHz

Other parameters visible in the interface include: Ch Freq 2.535 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst 11.1 dB, Center 2.535 00 GHz, Span 100 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (500 pts).

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2.96. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:509000, Bandwidth:50, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, 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
2545	99	26	1	Peak	48.23	50.85	50	Pass

Agilent
Measure

Ch Freq 2.545 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ext Ref

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Ref 30 dBm #Atten 30 dB

Center 2.545 00 GHz Span 100 MHz

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

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

48.2262 MHz **x dB** -26.00 dB

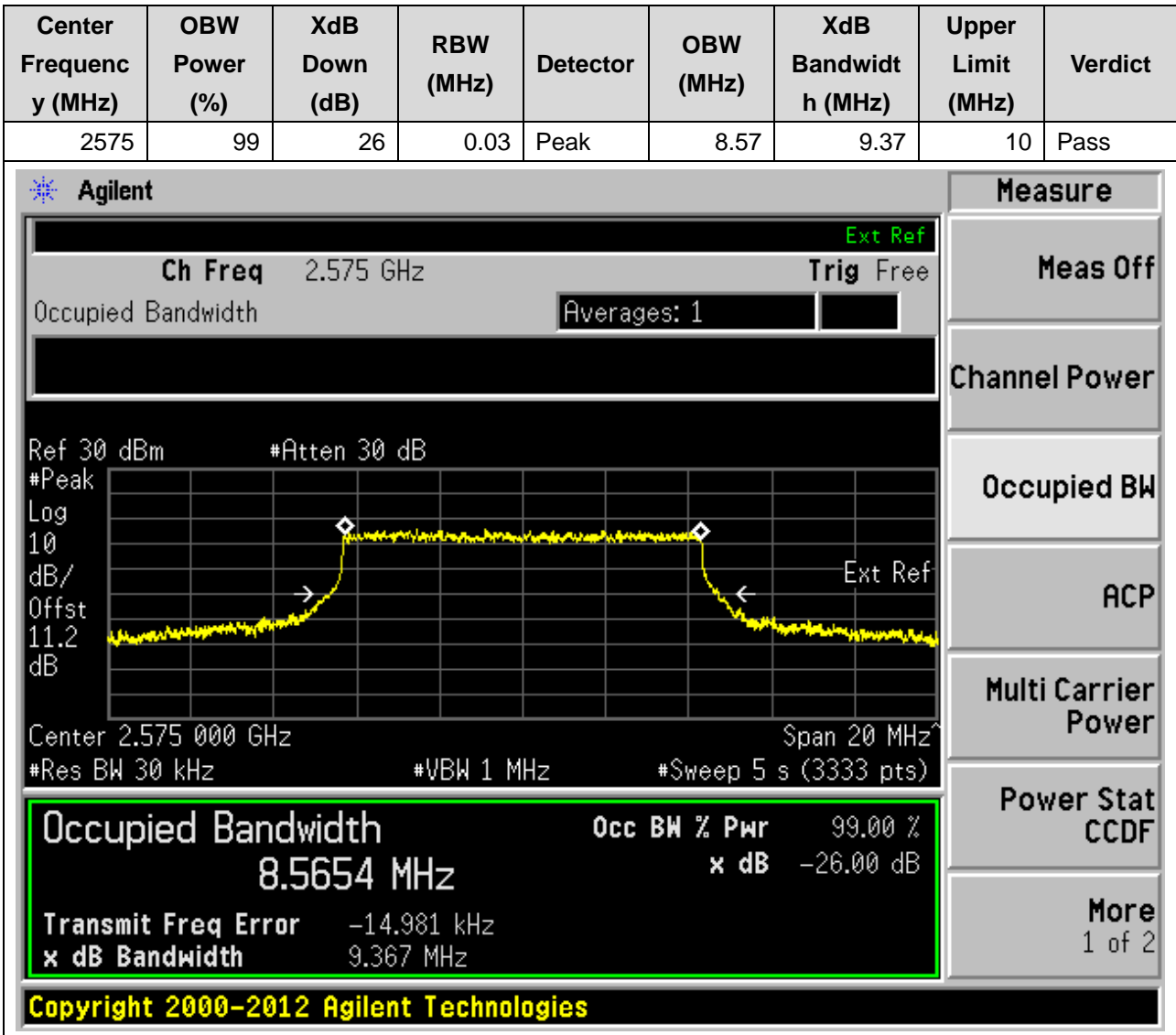
Transmit Freq Error -49.459 kHz

x dB Bandwidth 50.847 MHz

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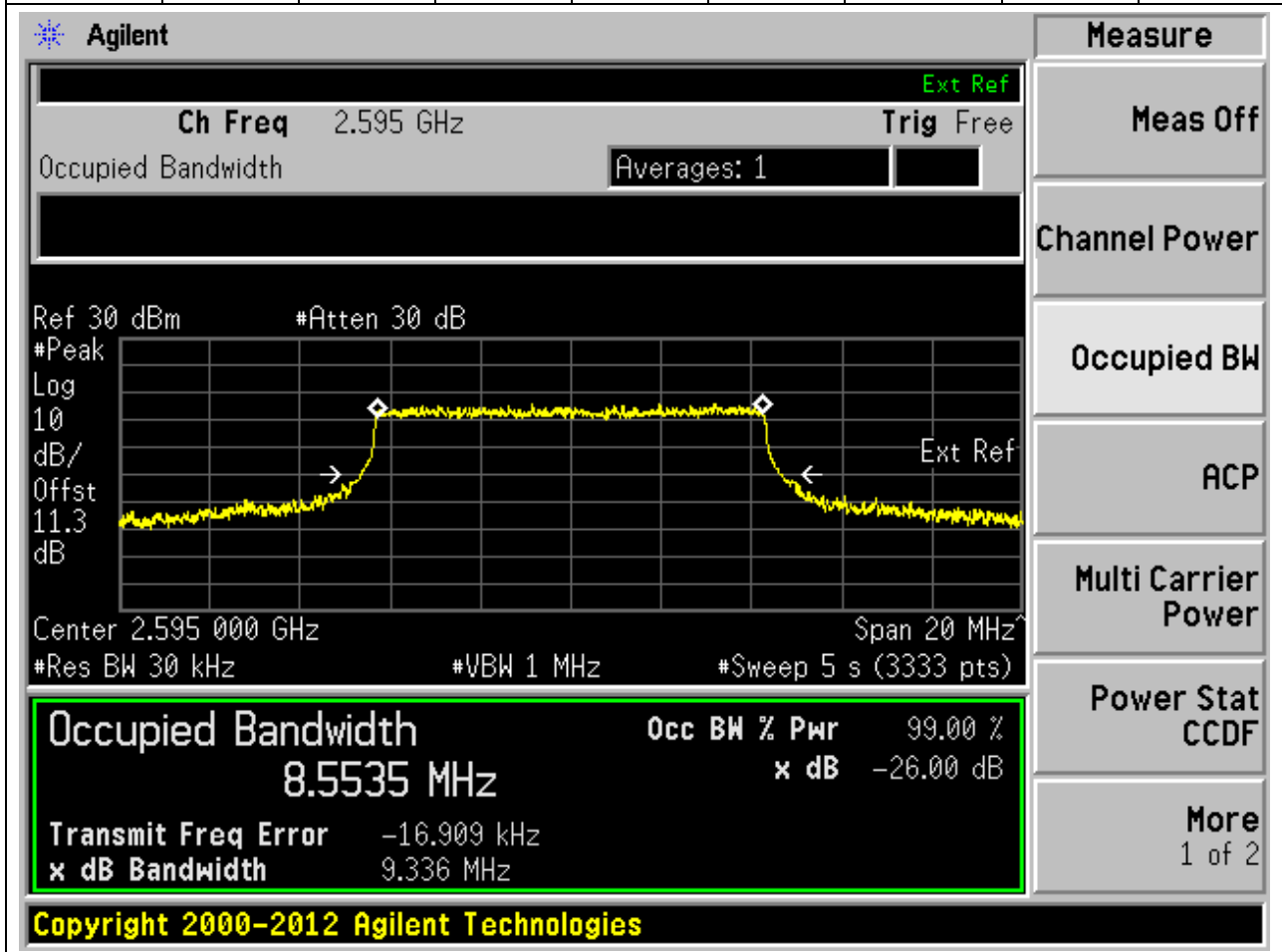
4. n38_PC3

4.1. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:515000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:24, RB Position:0)



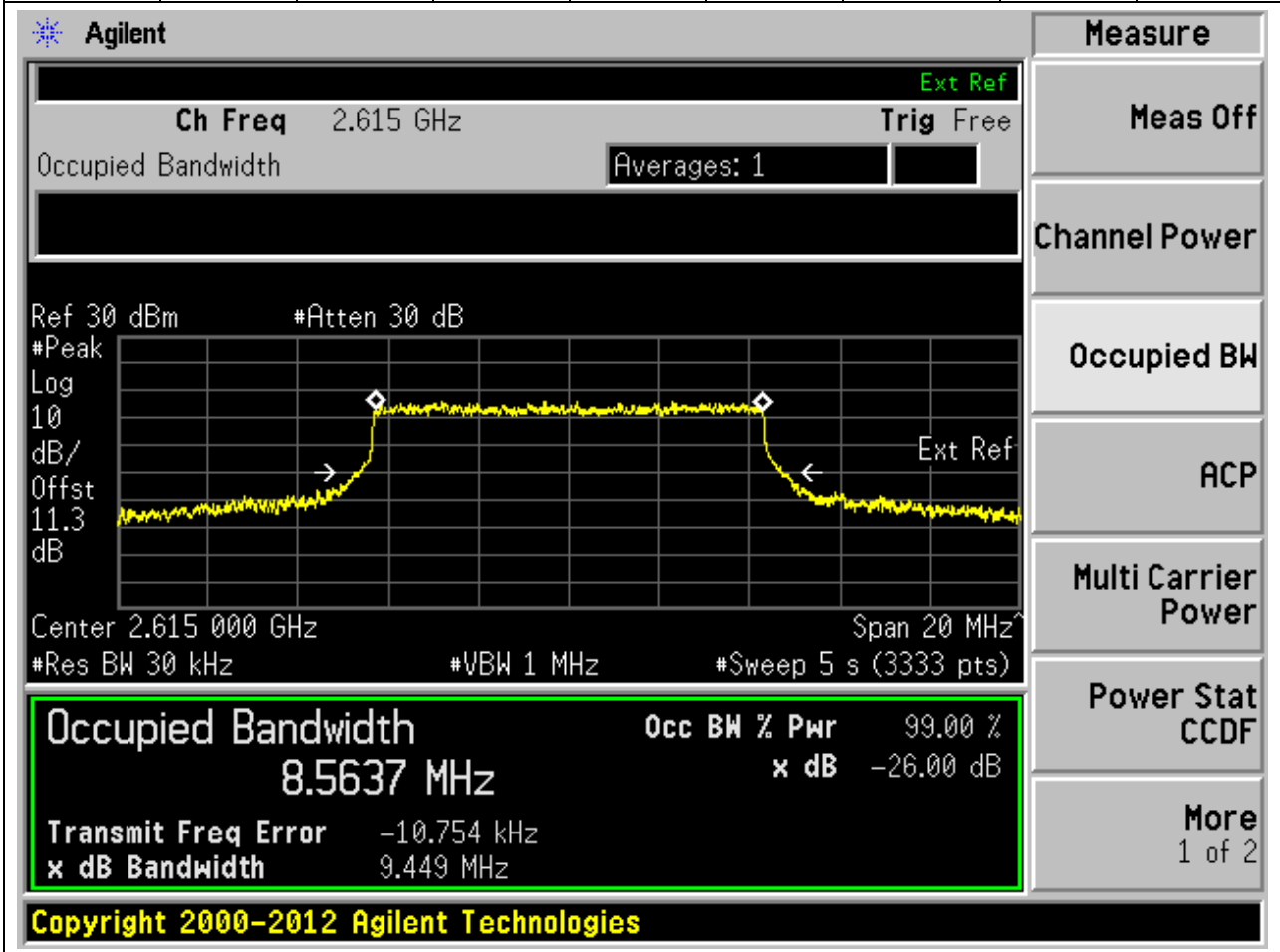
4.2. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:519000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.03	Peak	8.55	9.34	10	Pass



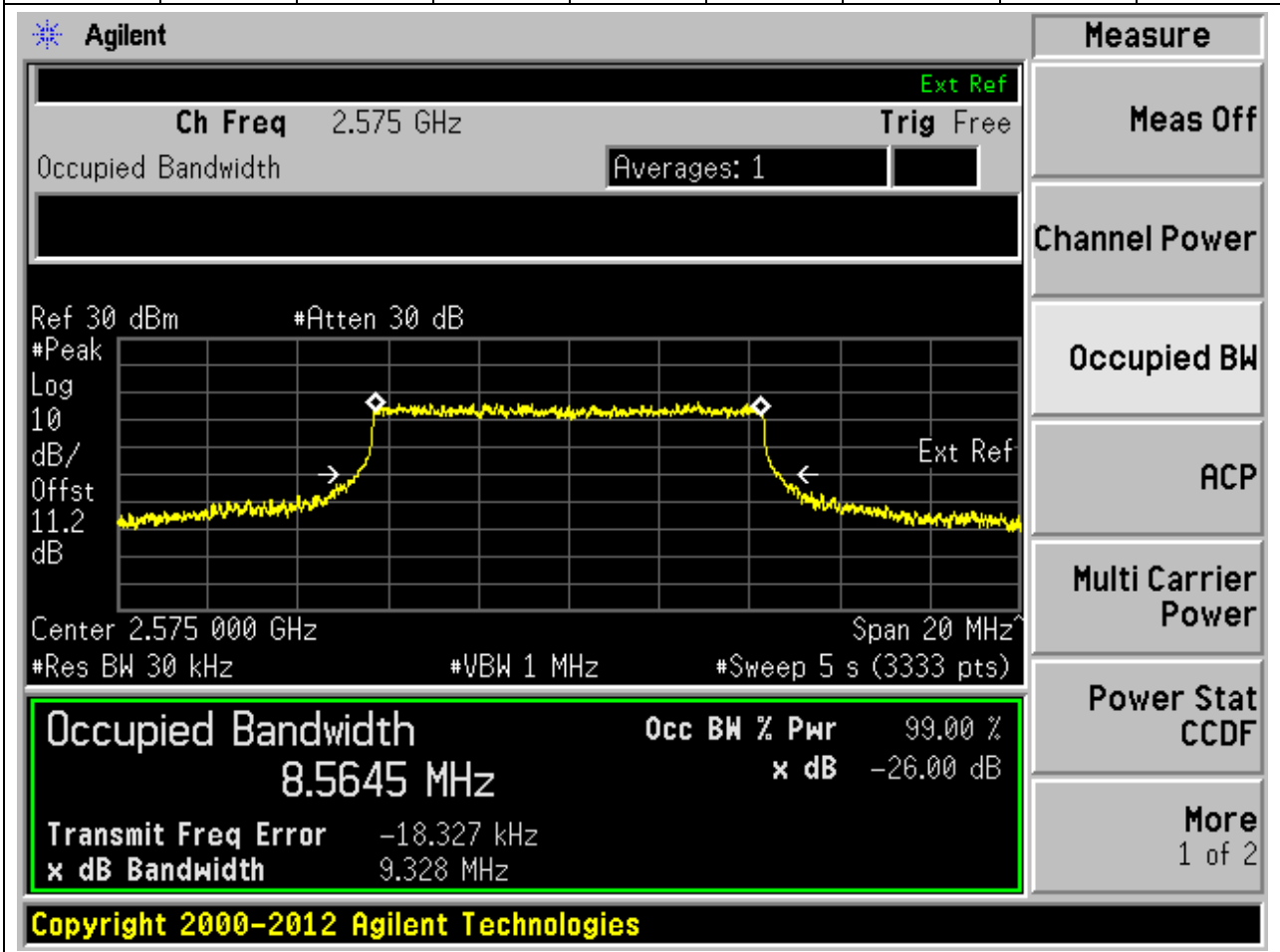
4.3. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:523000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2615	99	26	0.03	Peak	8.56	9.45	10	Pass



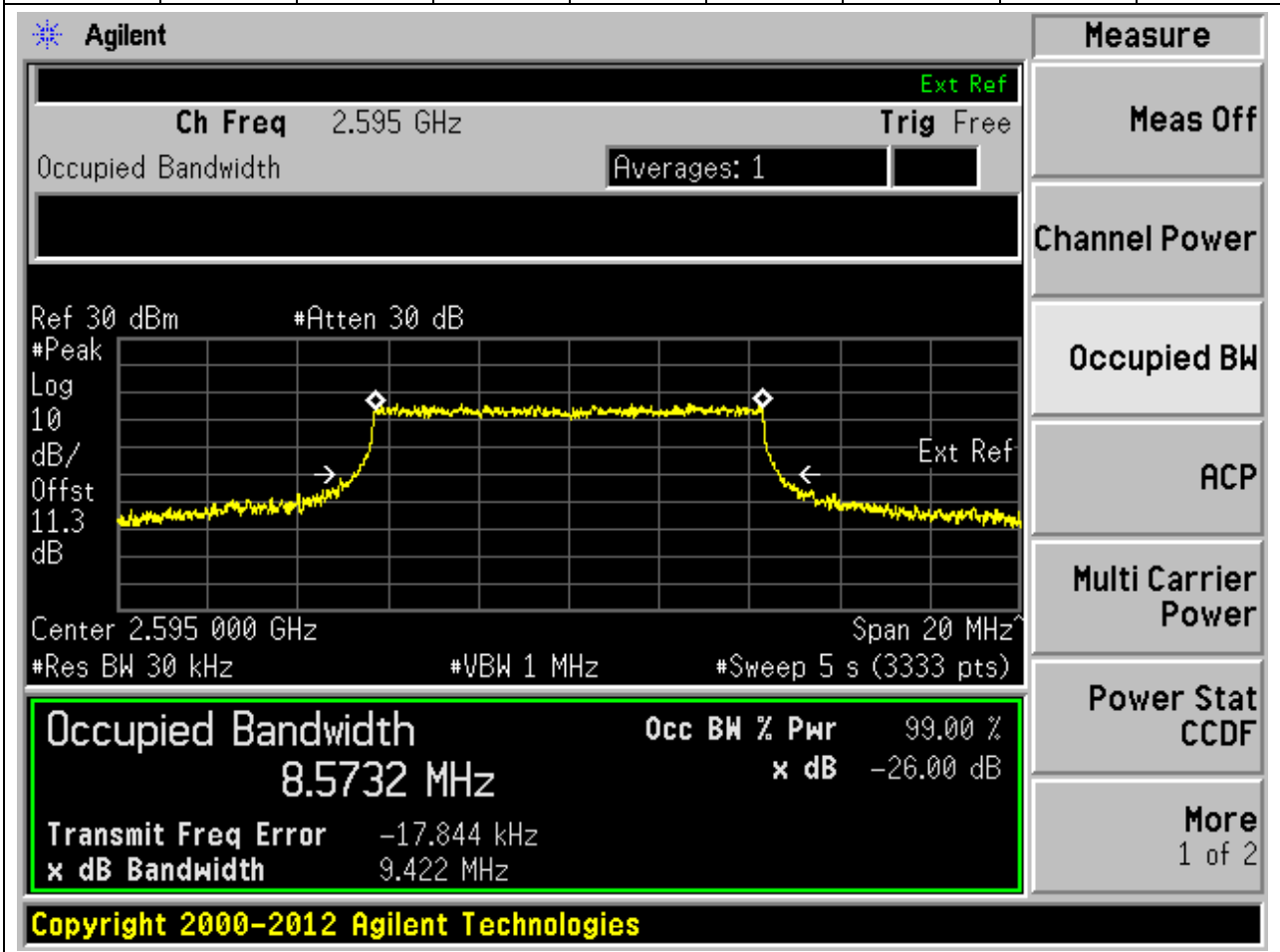
4.4. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:515000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2575	99	26	0.03	Peak	8.56	9.33	10	Pass



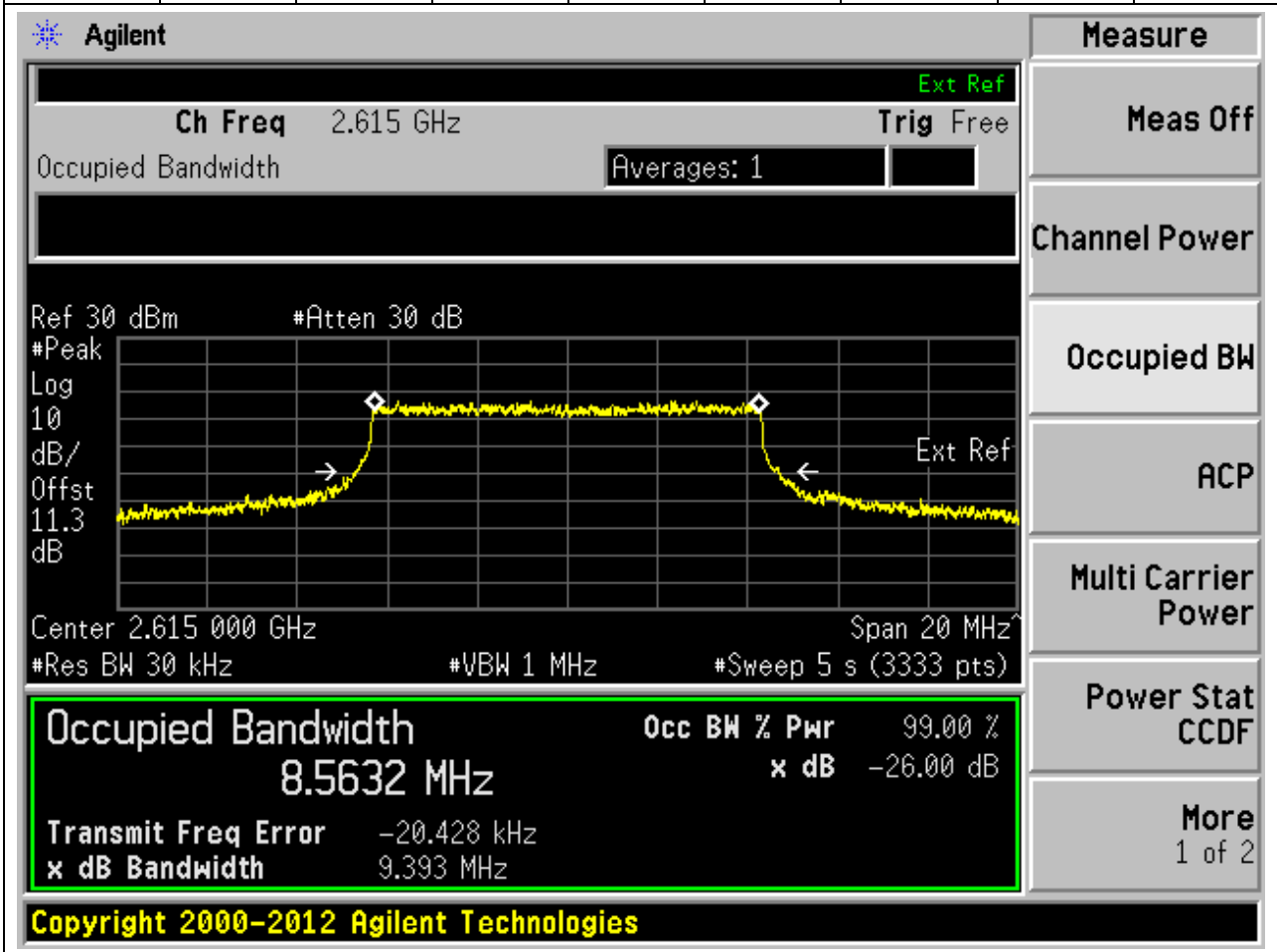
4.5. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:519000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.03	Peak	8.57	9.42	10	Pass



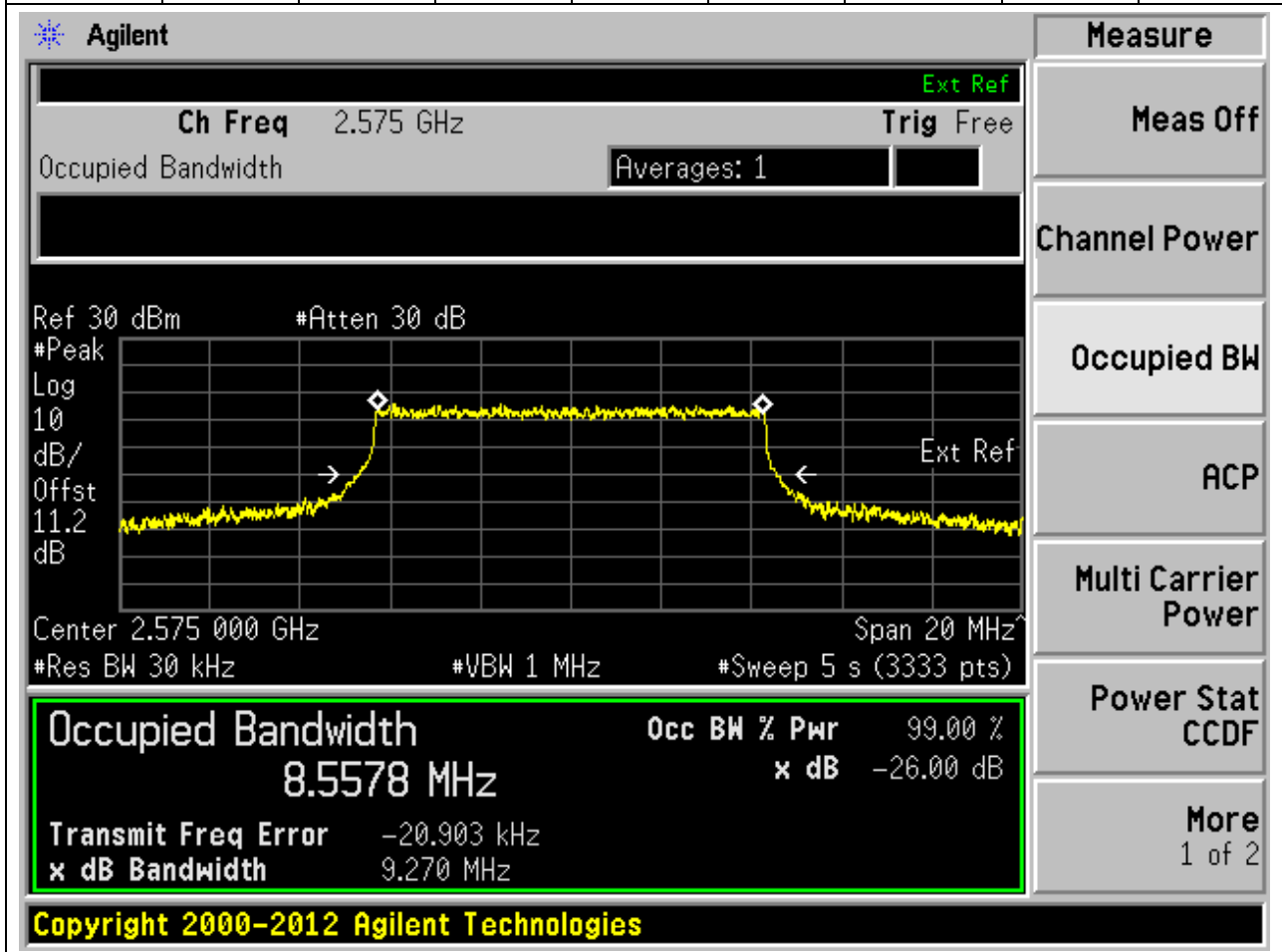
4.6. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:523000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2615	99	26	0.03	Peak	8.56	9.39	10	Pass



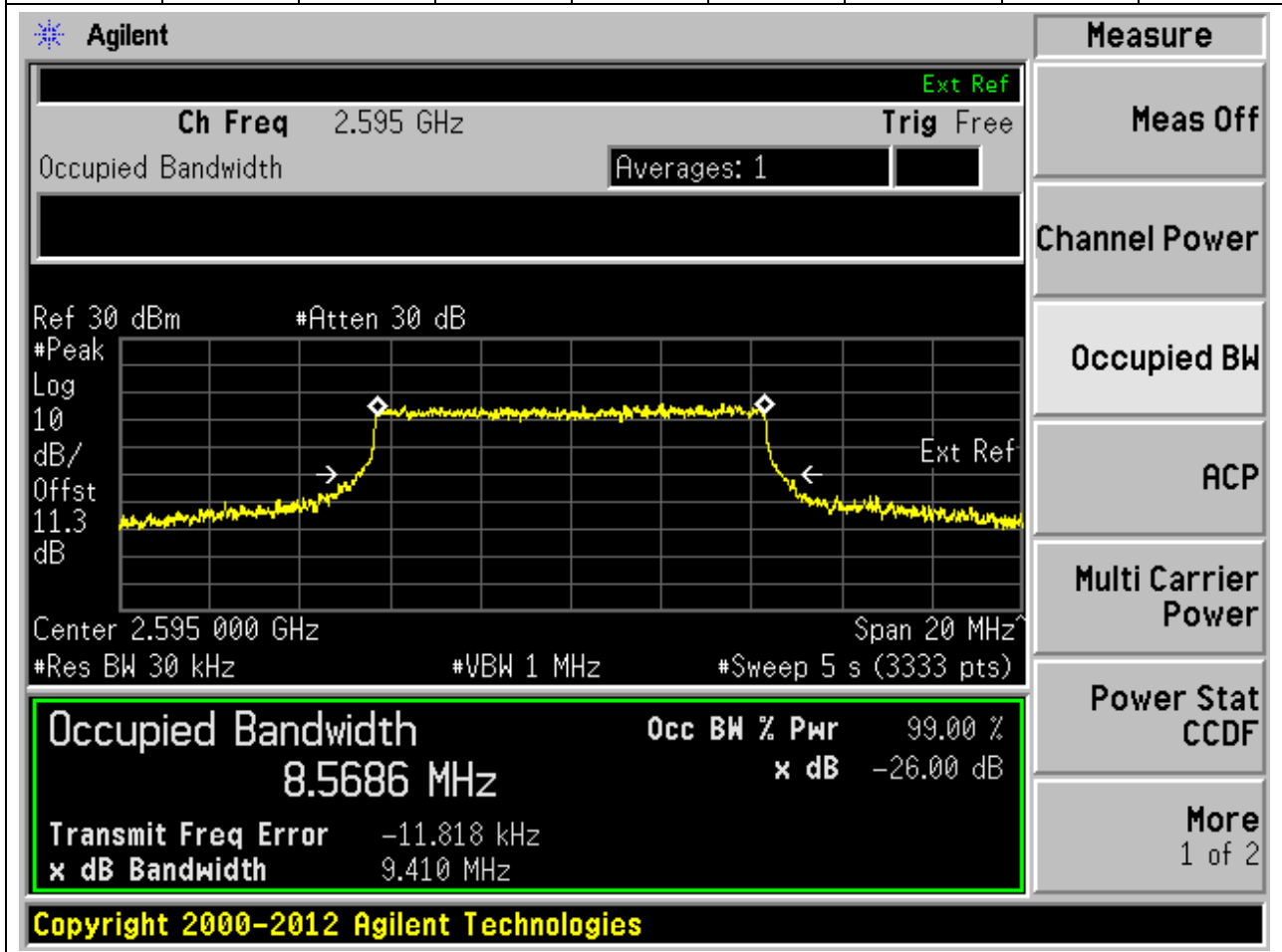
4.7. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:515000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2575	99	26	0.03	Peak	8.56	9.27	10	Pass



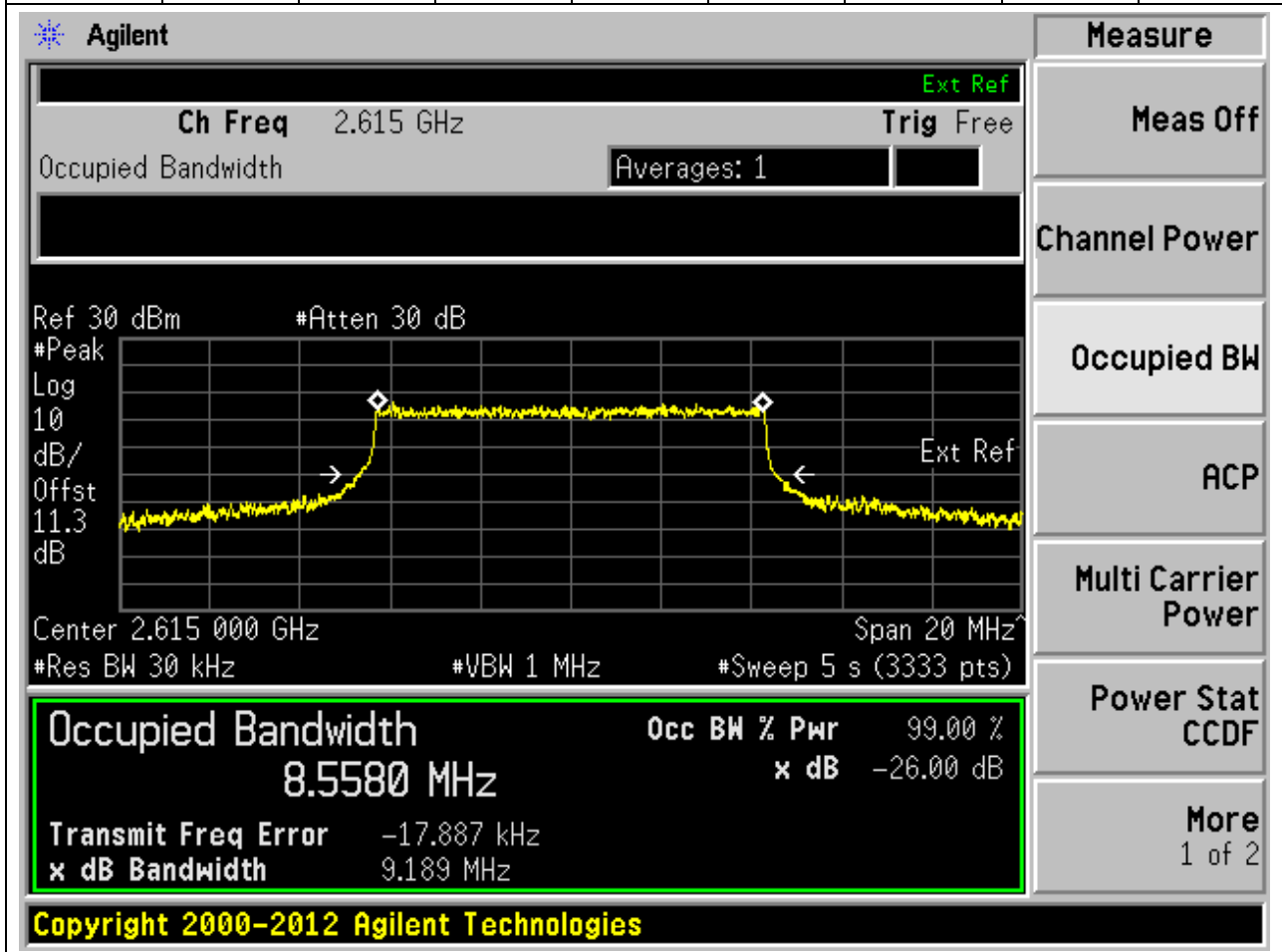
4.8. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:519000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.03	Peak	8.57	9.41	10	Pass



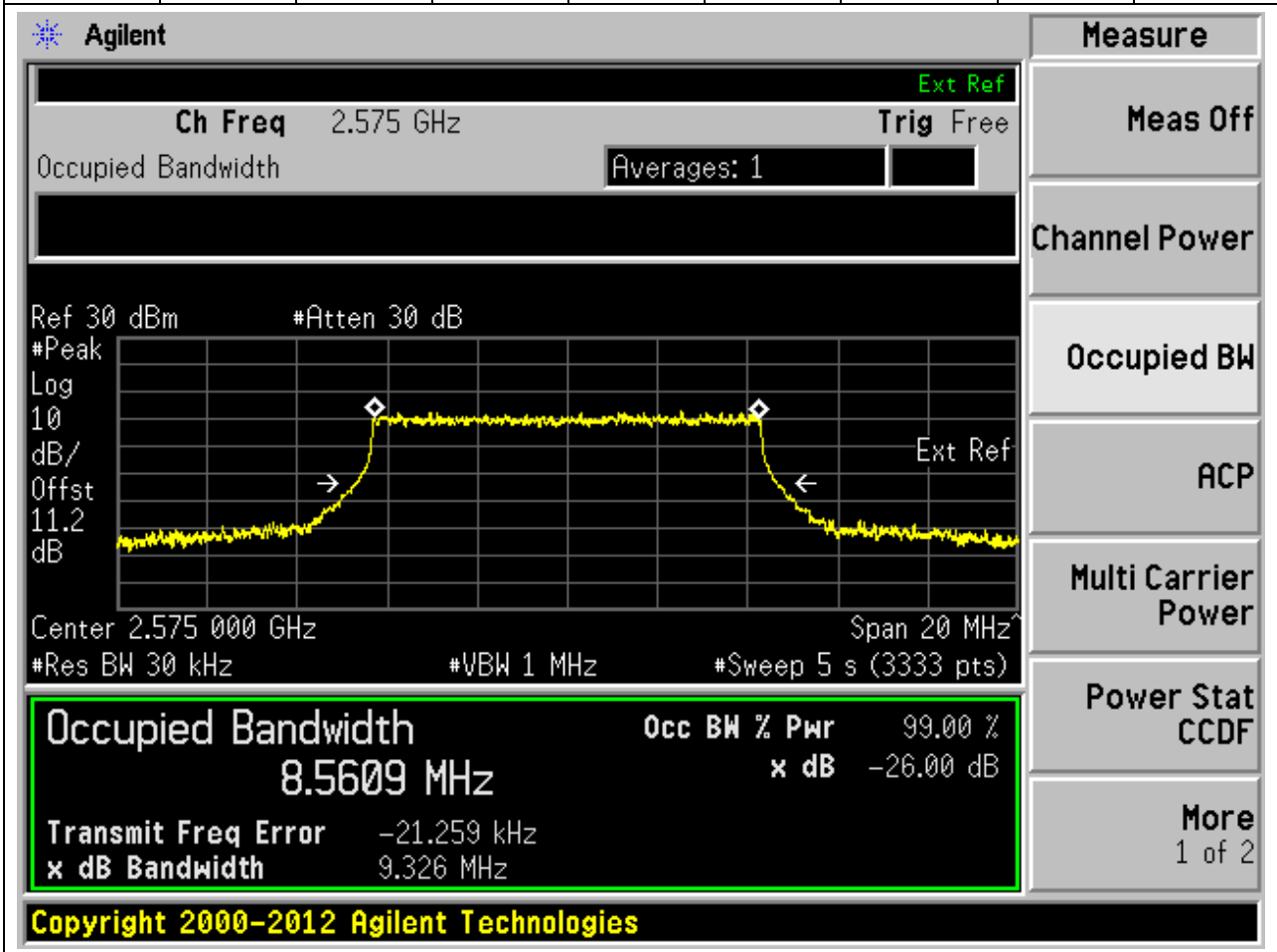
4.9. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:523000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2615	99	26	0.03	Peak	8.56	9.19	10	Pass



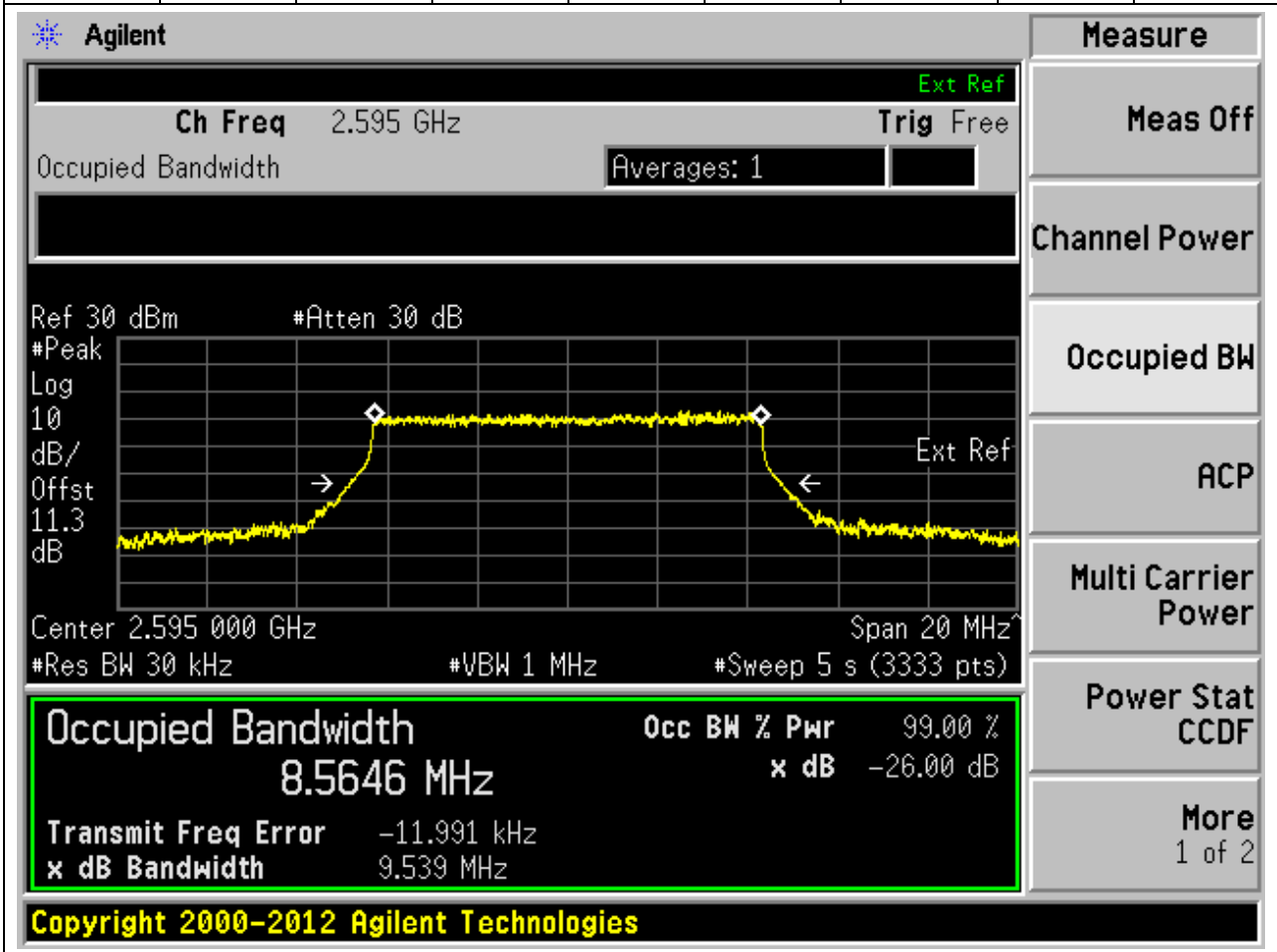
4.10. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:515000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2575	99	26	0.03	Peak	8.56	9.33	10	Pass



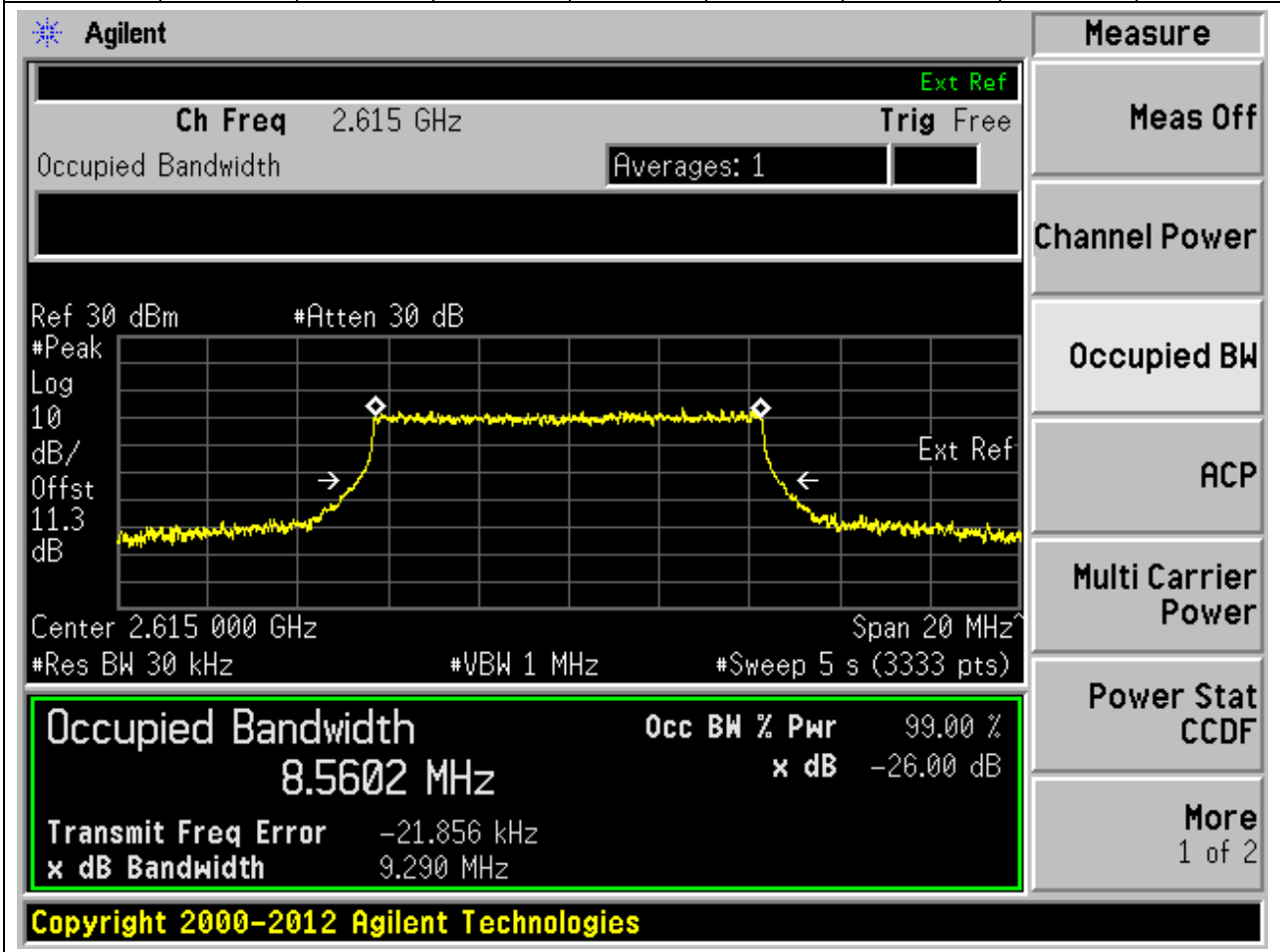
4.11. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:519000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.03	Peak	8.56	9.54	10	Pass



4.12. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:523000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2615	99	26	0.03	Peak	8.56	9.29	10	Pass



4.13. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:515500, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:38, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2577.5	99	26	0.03	Peak	13.55	14.48	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 2.5775 GHz with a span of 30 MHz. The signal level is approximately 11.3 dB. The occupied bandwidth is highlighted in green, showing a value of 13.5511 MHz. The power level is 99.00% and the XdB bandwidth is -26.00 dB. The interface includes various measurement controls and a 'Measure' menu on the right side.

Occupied Bandwidth	Occ BW % Pwr
13.5511 MHz	99.00 %

Transmit Freq Error	x dB Bandwidth
-20.075 kHz	14.477 MHz

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4.14. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:519000, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:38, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.03	Peak	13.58	14.45	15	Pass

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

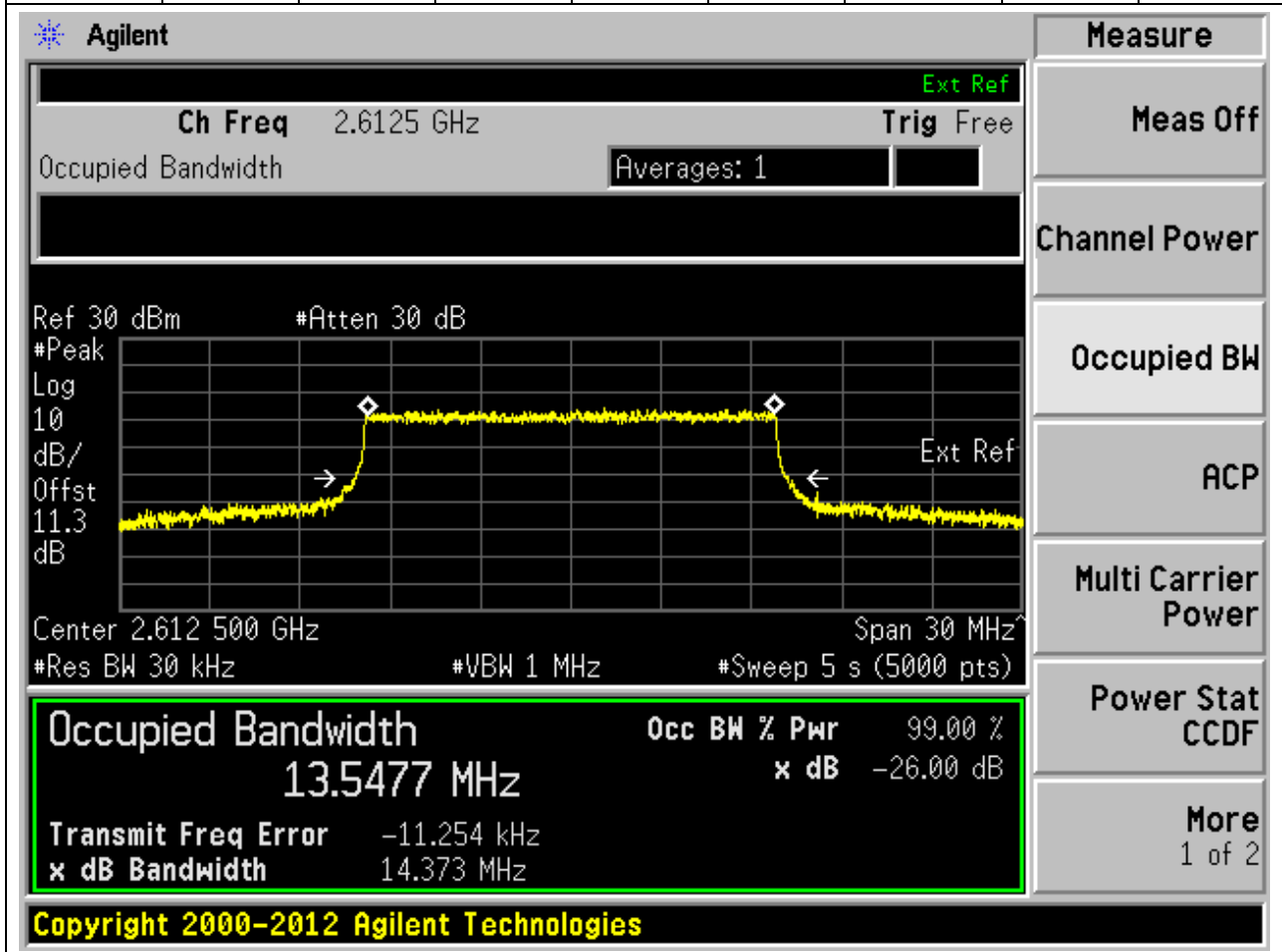
Measurement	Value
Occupied Bandwidth	13.5759 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-12.382 kHz
x dB Bandwidth	14.449 MHz

Other visible parameters include: Ch Freq 2.595 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.3 dB, Center 2.595 000 GHz, Span 30 MHz, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 5 s (5000 pts).

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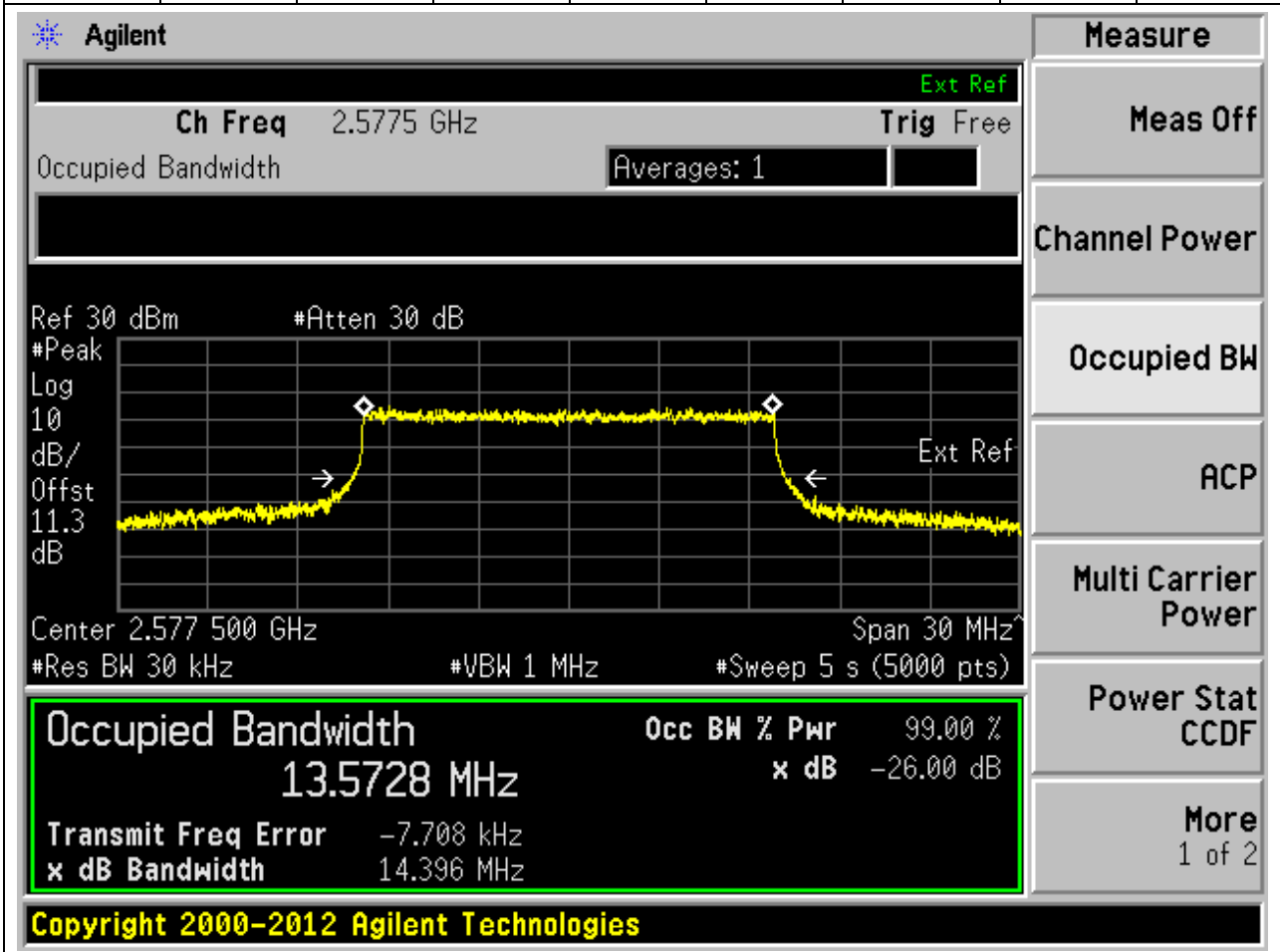
4.15. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:522500, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:38, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2612.5	99	26	0.03	Peak	13.55	14.37	15	Pass



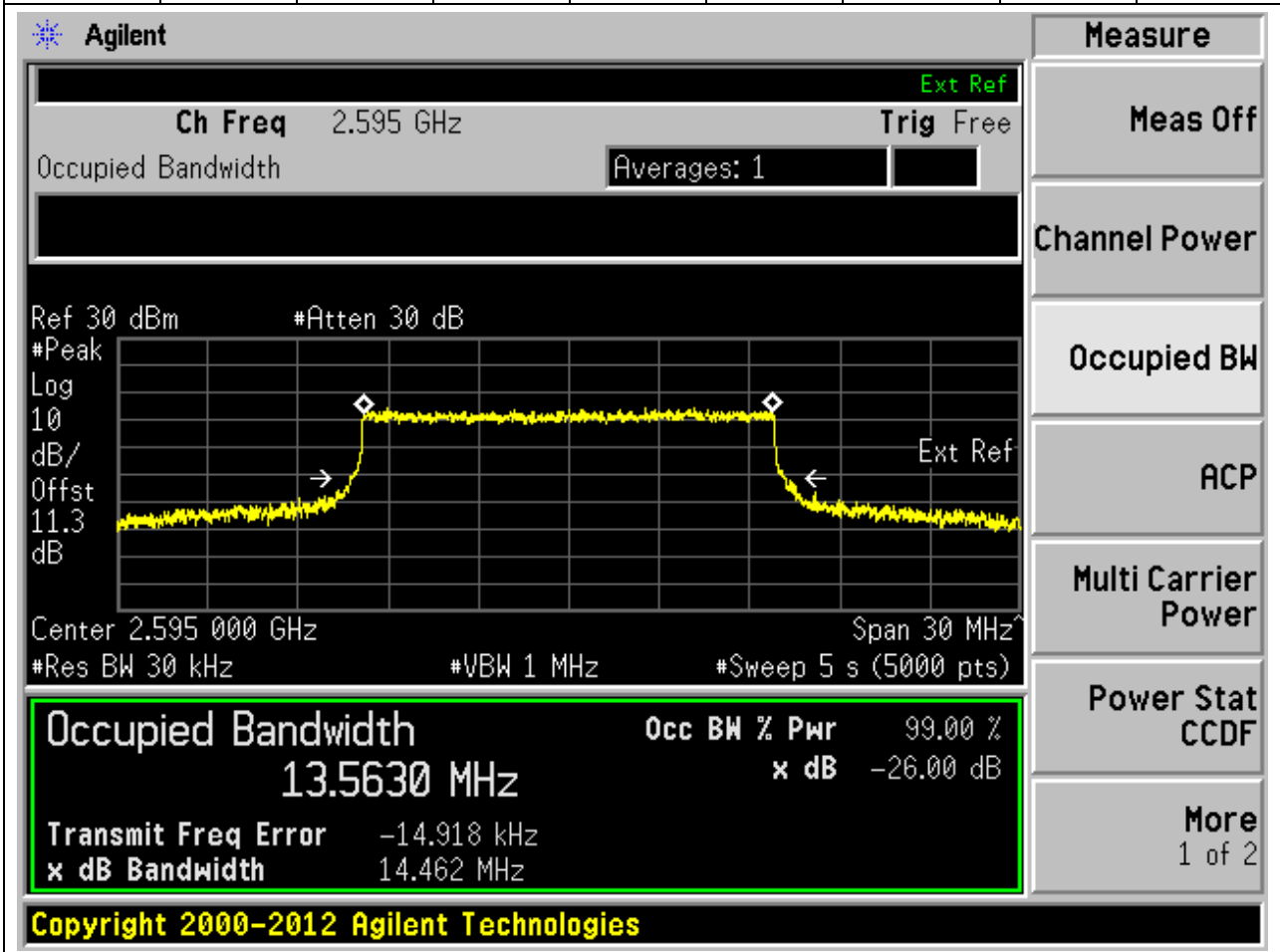
4.16. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:515500, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:38, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2577.5	99	26	0.03	Peak	13.57	14.4	15	Pass



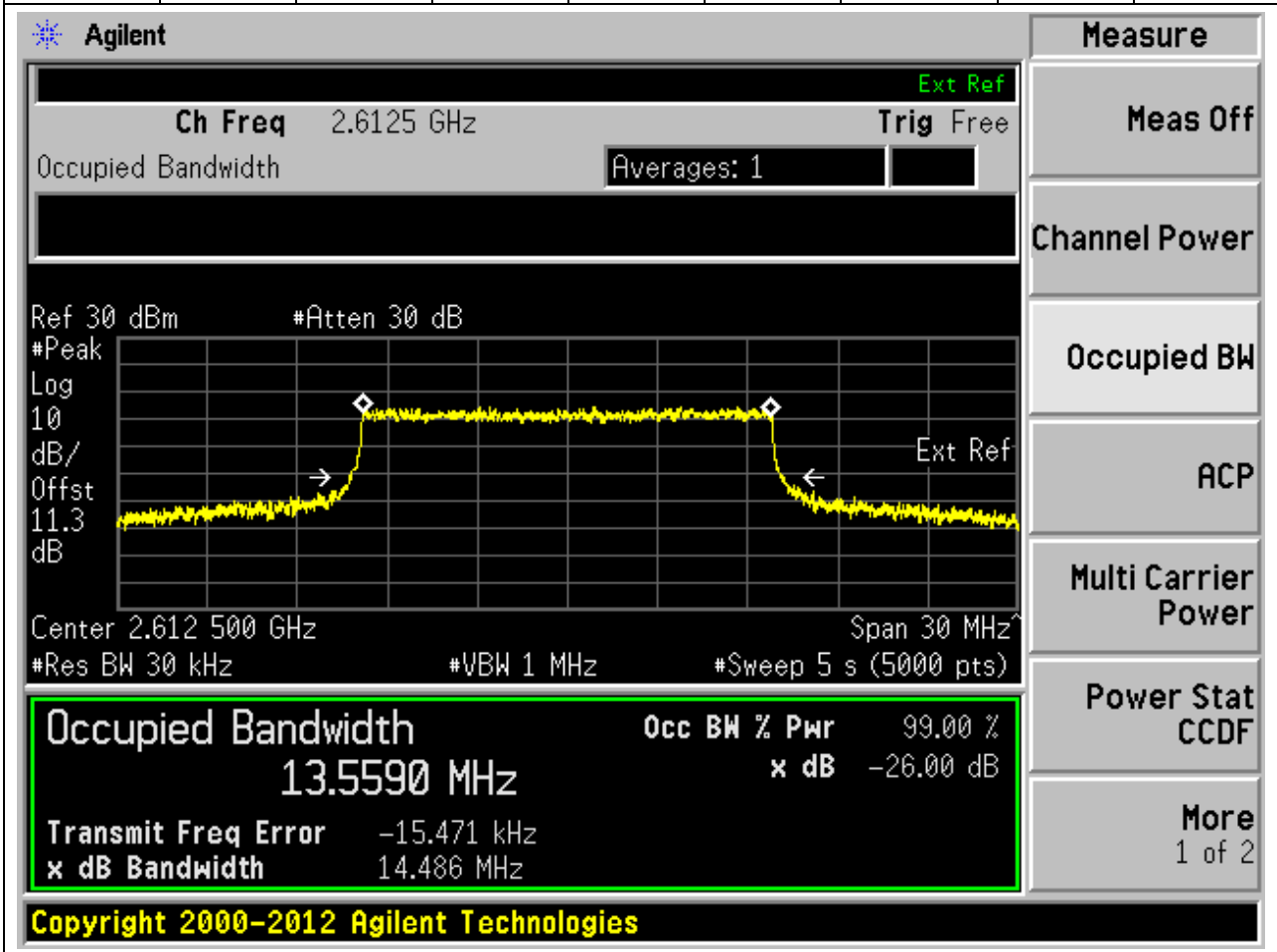
4.17. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:519000, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:38, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.03	Peak	13.56	14.46	15	Pass



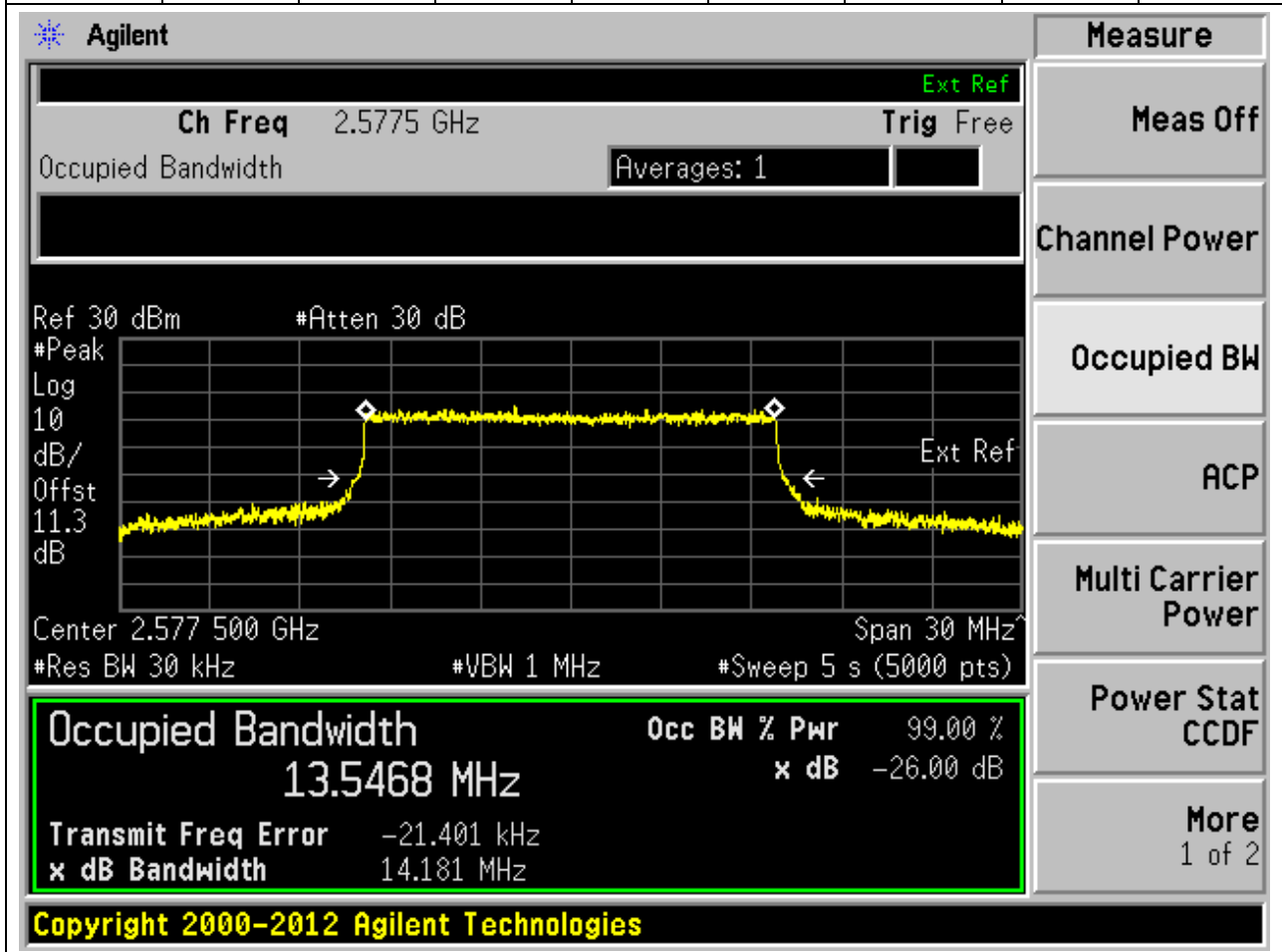
4.18. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:522500, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:38, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2612.5	99	26	0.03	Peak	13.56	14.49	15	Pass



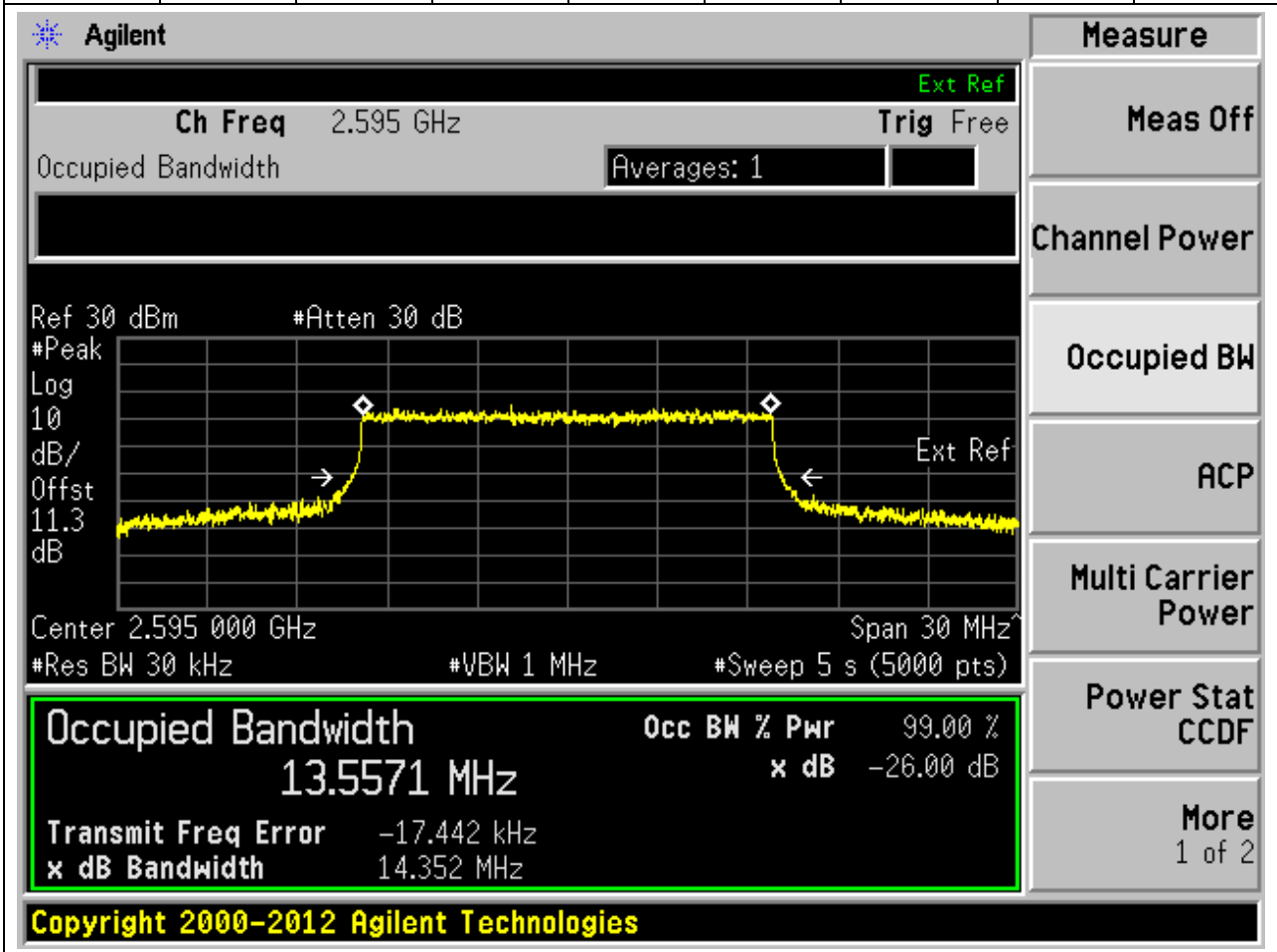
4.19. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:515500, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:38, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2577.5	99	26	0.03	Peak	13.55	14.18	15	Pass



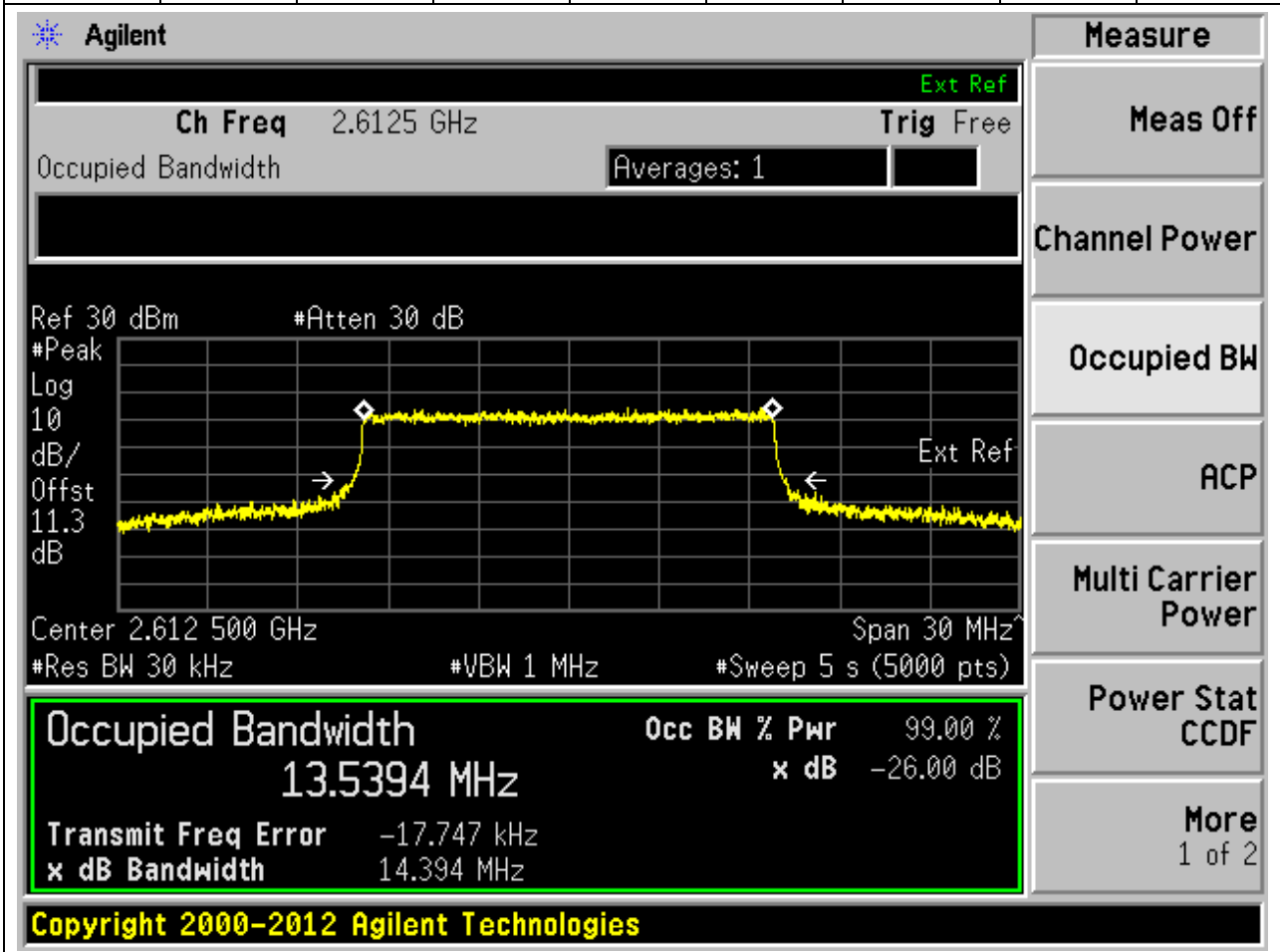
4.20. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:519000, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:38, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.03	Peak	13.56	14.35	15	Pass



4.21. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:522500, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:38, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2612.5	99	26	0.03	Peak	13.54	14.39	15	Pass



4.22. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:515500, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:38, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2577.5	99	26	0.03	Peak	13.55	14.3	15	Pass

Agilent
Measure

Ch Freq 2.5775 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ext Ref

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.577 500 GHz Span 30 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.5548 MHz

x dB -26.00 dB

Transmit Freq Error -21.822 kHz

x dB Bandwidth 14.299 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

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4.23. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:519000, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:38, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.03	Peak	13.55	14.3	15	Pass

Agilent

Ch Freq 2.595 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.595 000 GHz Span 30 MHz

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

Occupied Bandwidth 13.5500 MHz

Occ BW % Pwr 99.00 %

x dB Bandwidth -26.00 dB

Transmit Freq Error -22.192 kHz

x dB Bandwidth 14.302 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

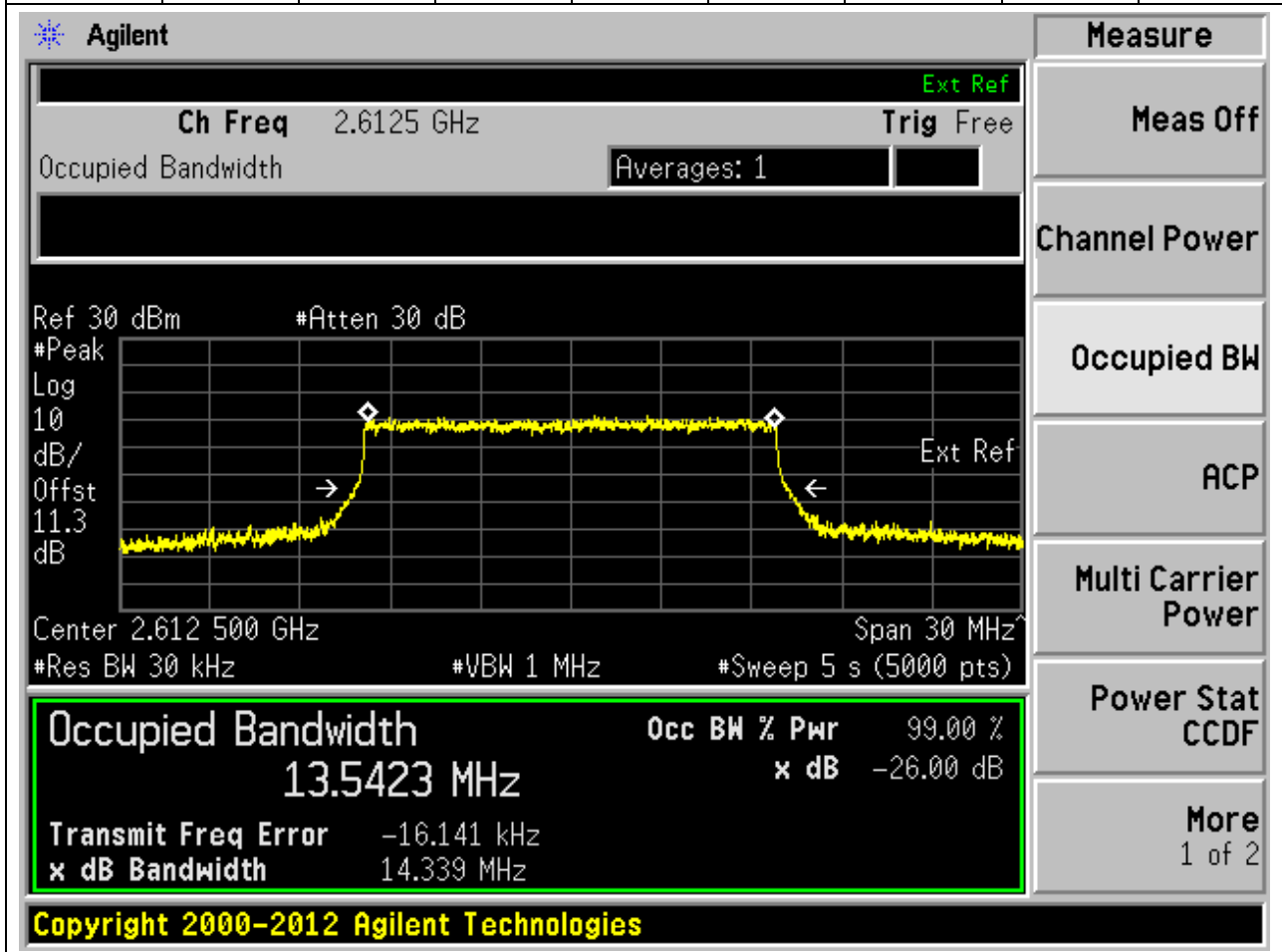
Multi Carrier Power

Power Stat CCDF

More 1 of 2

4.24. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:522500, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:38, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2612.5	99	26	0.03	Peak	13.54	14.34	15	Pass



4.25. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:516000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:51, RB Position:0)

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	18.19	19.18	20	Pass

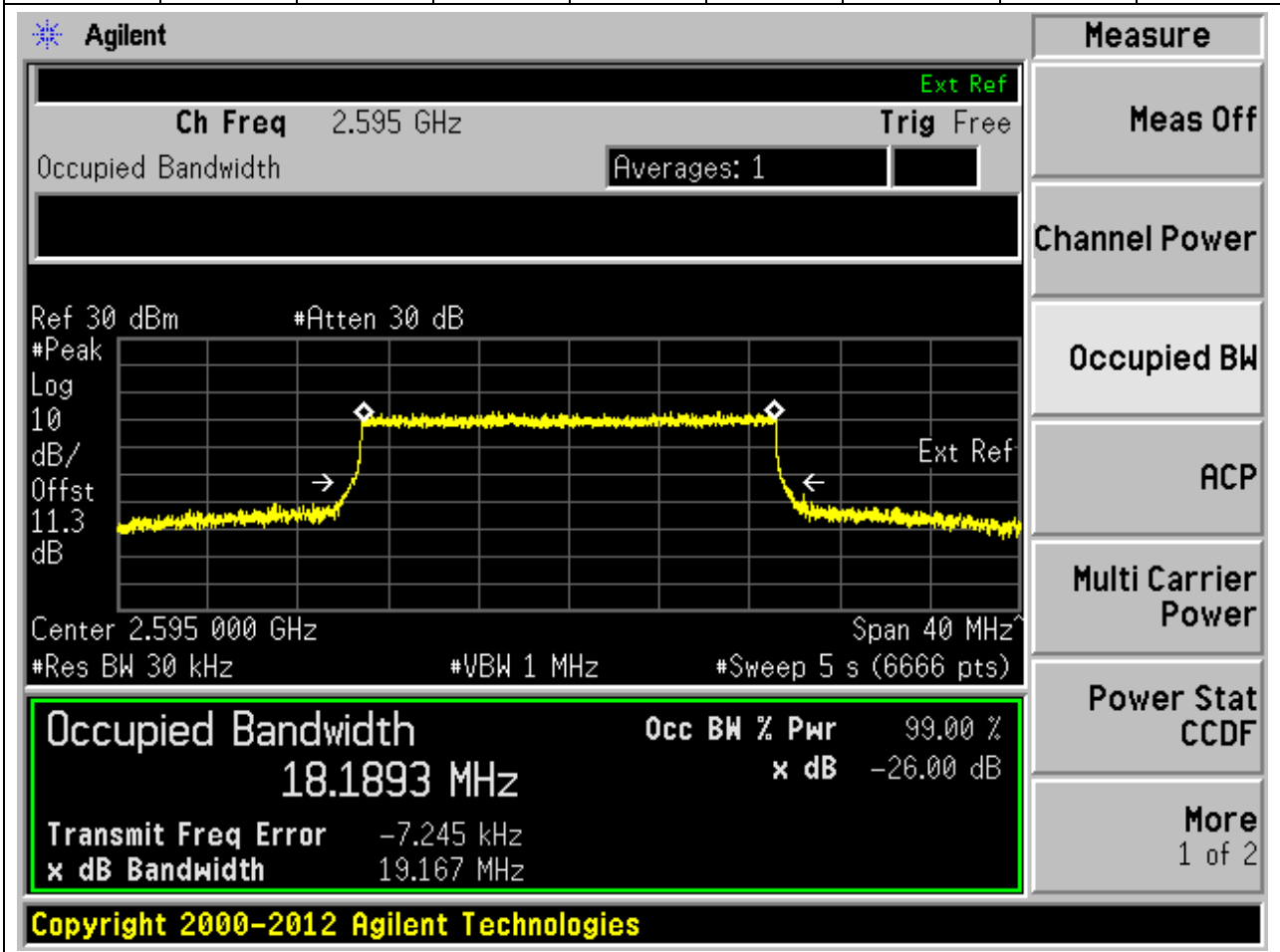
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow signal trace. The plot is centered at 2.58 GHz with a span of 40 MHz. The signal level is approximately 11.3 dB. The occupied bandwidth is highlighted in green, showing a value of 18.1879 MHz. The power level is 99.00% and the XdB down is -26.00 dB. The interface includes various measurement controls and a list of measurement options on the right side.

Measurement	Value
Occupied Bandwidth	18.1879 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-12.002 kHz
x dB Bandwidth	19.176 MHz

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4.26. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:519000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:51, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.03	Peak	18.19	19.17	20	Pass



4.27. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:522000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:51, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2610	99	26	0.03	Peak	18.18	18.98	20	Pass

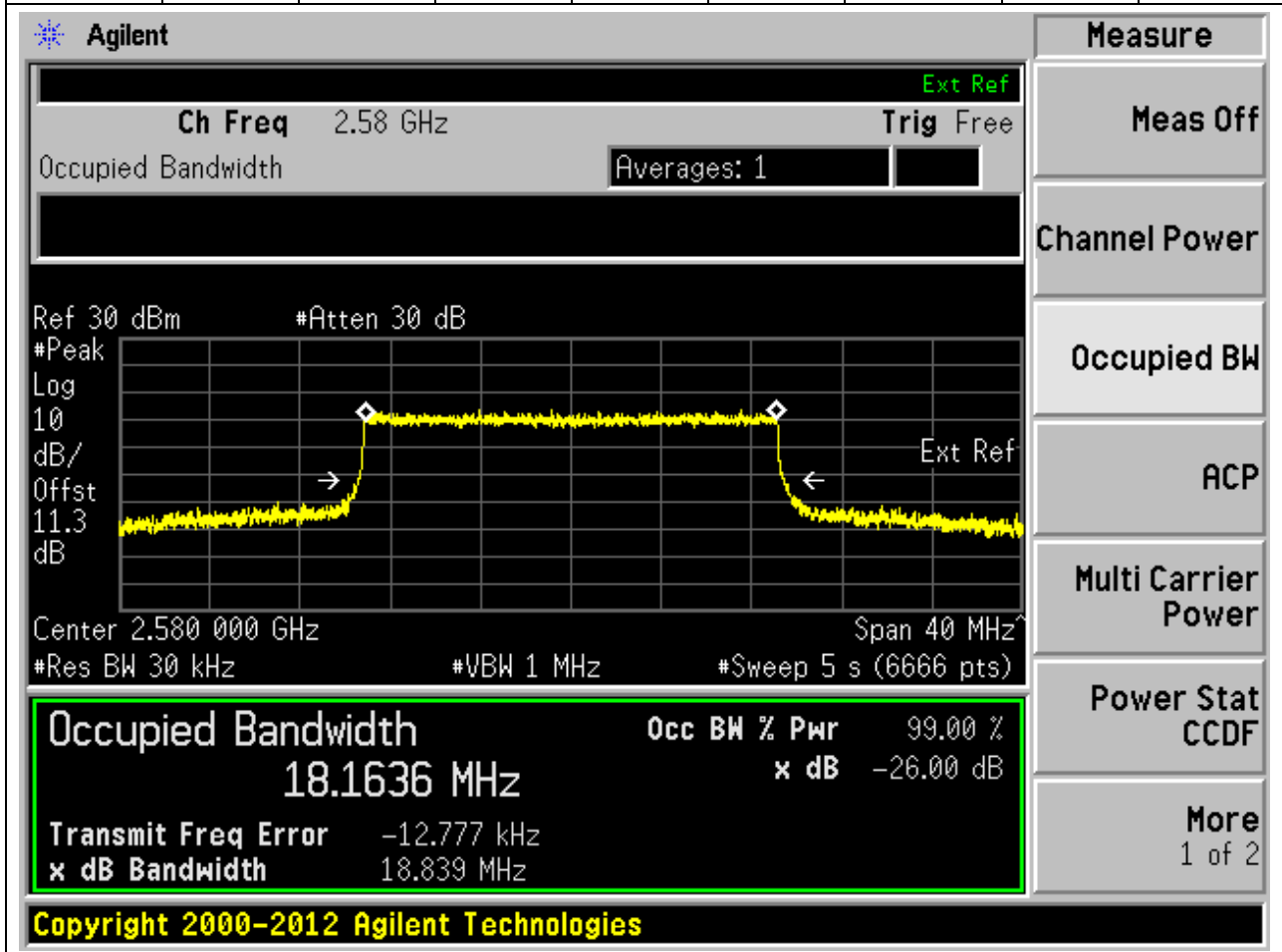
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a yellow signal trace on a grid. The 'Occupied Bandwidth' measurement is highlighted in a green box, showing a value of 18.1825 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. Other parameters shown include Center 2.610 000 GHz, Span 40 MHz, Res BW 30 kHz, VBW 1 MHz, and Sweep 5 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).

Occupied Bandwidth	Occ BW % Pwr	x dB
18.1825 MHz	99.00 %	-26.00 dB

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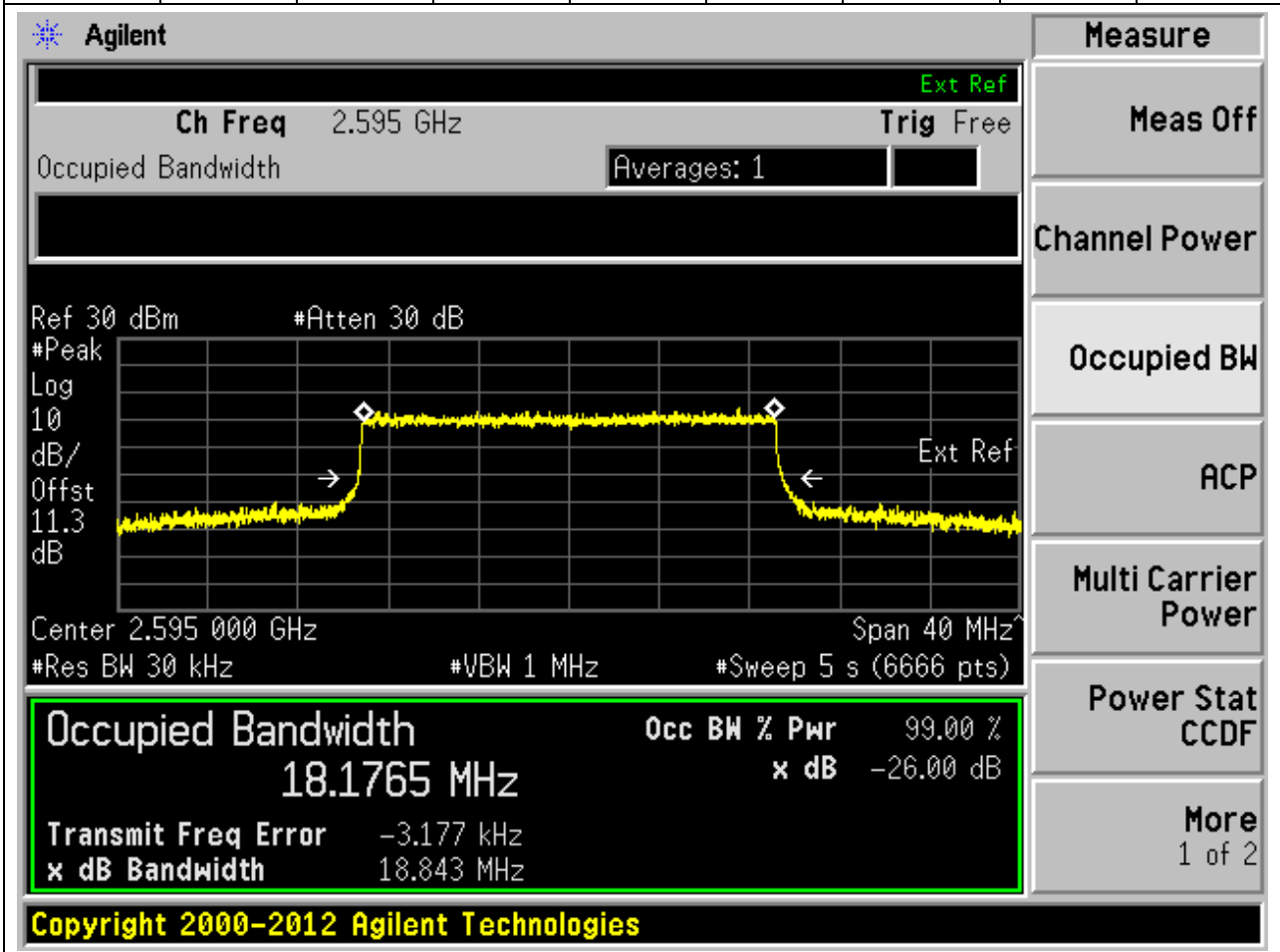
4.28. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:516000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:51, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2580	99	26	0.03	Peak	18.16	18.84	20	Pass



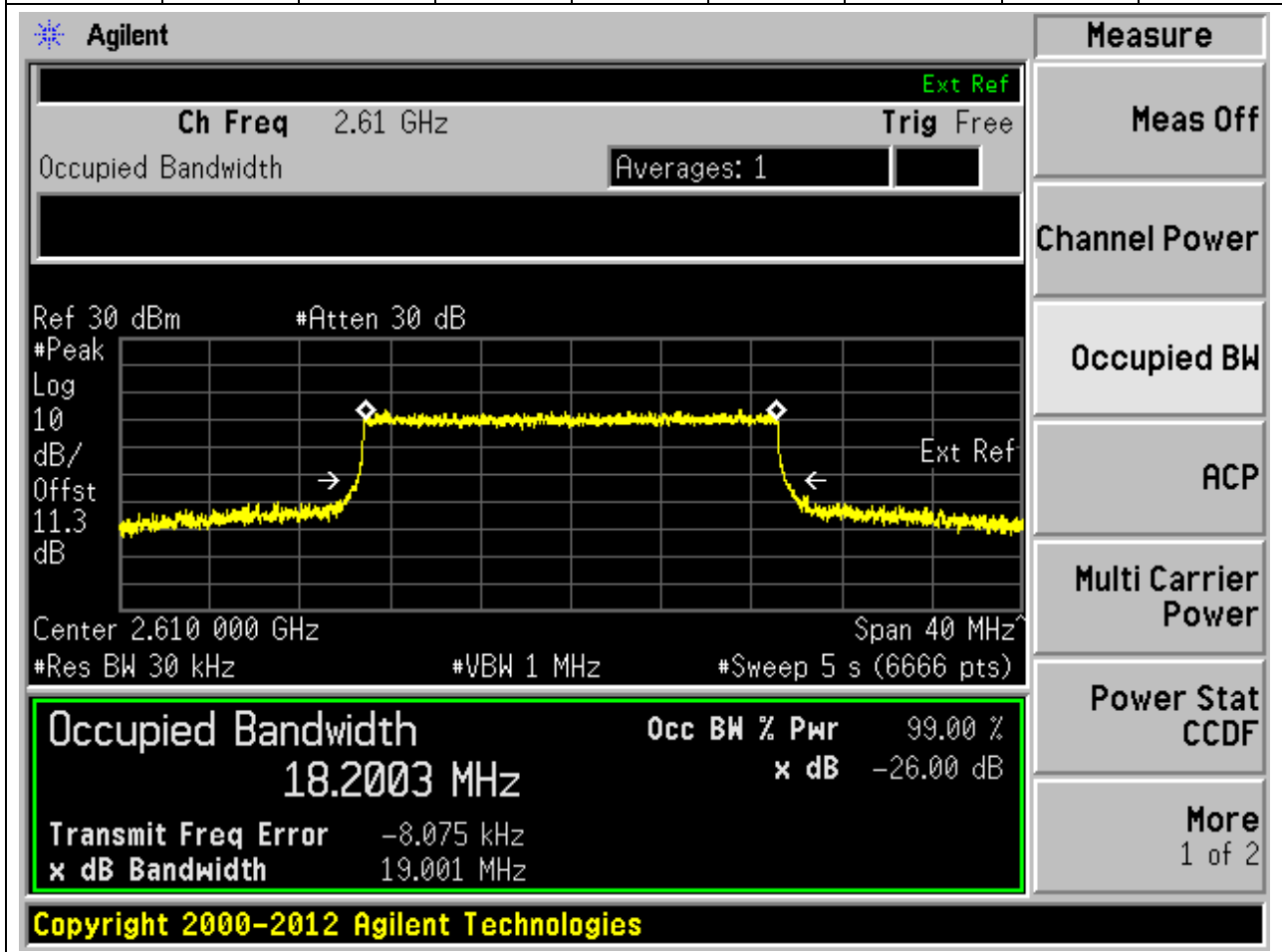
4.29. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:519000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:51, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.03	Peak	18.18	18.84	20	Pass



4.30. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:522000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:51, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2610	99	26	0.03	Peak	18.2	19	20	Pass



4.31. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:516000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:51, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2580	99	26	0.03	Peak	18.21	19.27	20	Pass

Agilent

Ch Freq 2.58 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.580 000 GHz Span 40 MHz

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

Occupied Bandwidth 18.2097 MHz

Occ BW % Pwr 99.00 %

x dB Bandwidth -26.00 dB

Transmit Freq Error -13.162 kHz

x dB Bandwidth 19.266 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

4.32. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:519000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:51, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.03	Peak	18.19	19.27	20	Pass

Agilent

Ch Freq 2.595 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.595 000 GHz Span 40 MHz

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

Occupied Bandwidth 18.1911 MHz

Occ BW % Pwr 99.00 %

x dB Bandwidth -26.00 dB

Transmit Freq Error -4.755 kHz

x dB Bandwidth 19.269 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

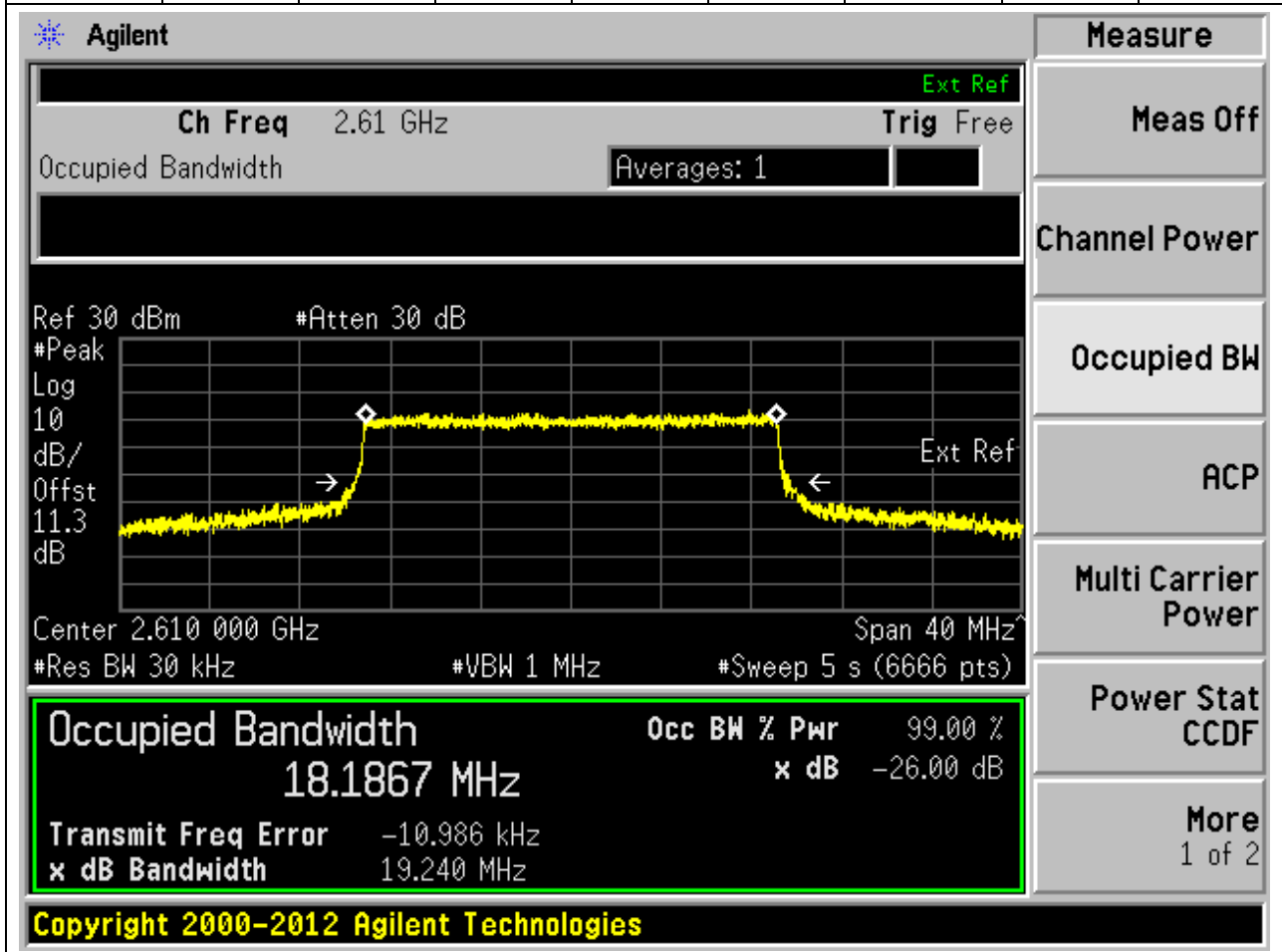
Multi Carrier Power

Power Stat CCDF

More 1 of 2

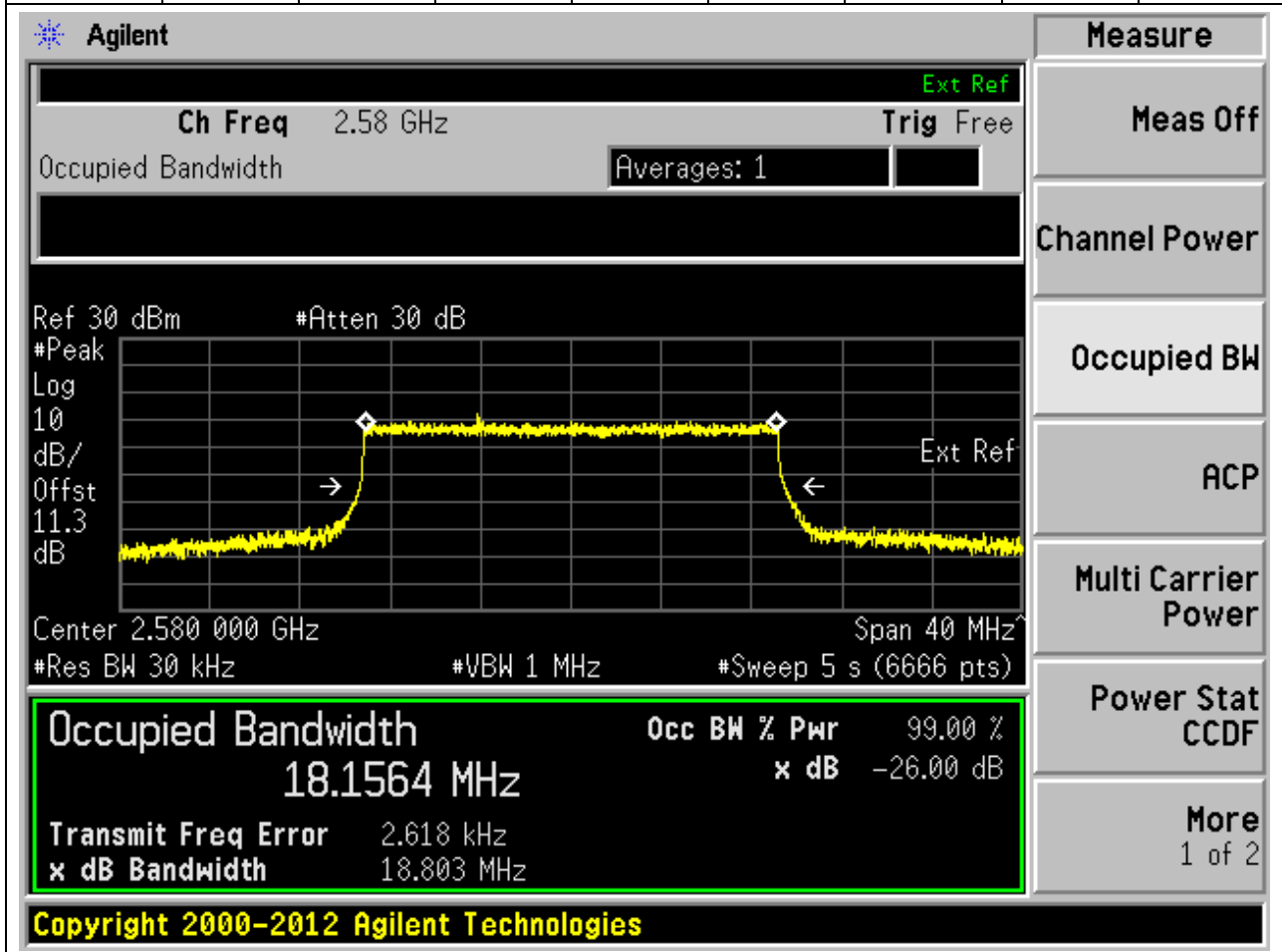
4.33. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:522000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:51, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2610	99	26	0.03	Peak	18.19	19.24	20	Pass



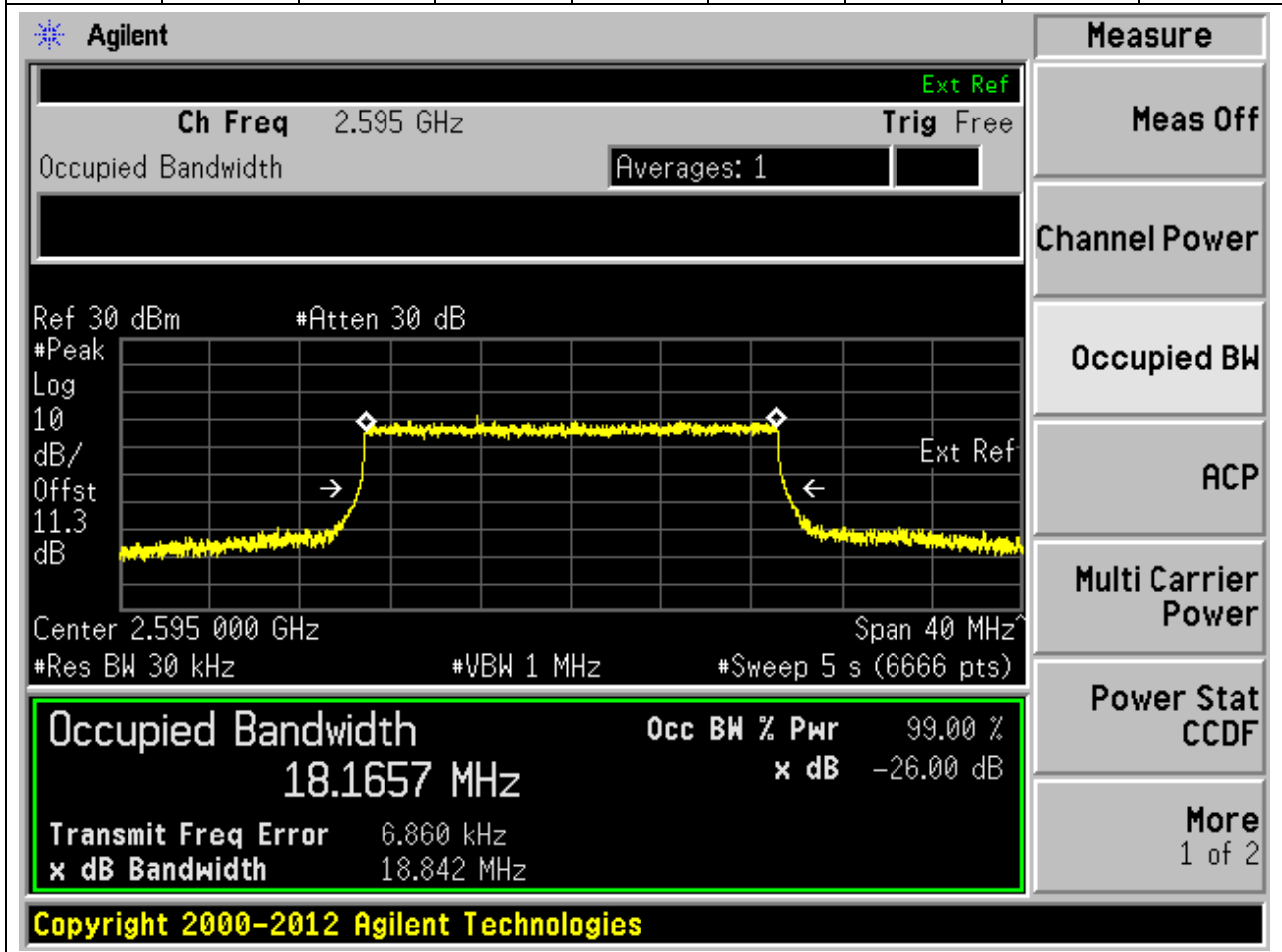
4.34. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:516000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:51, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2580	99	26	0.03	Peak	18.16	18.8	20	Pass



4.35. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:519000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:51, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	0.03	Peak	18.17	18.84	20	Pass



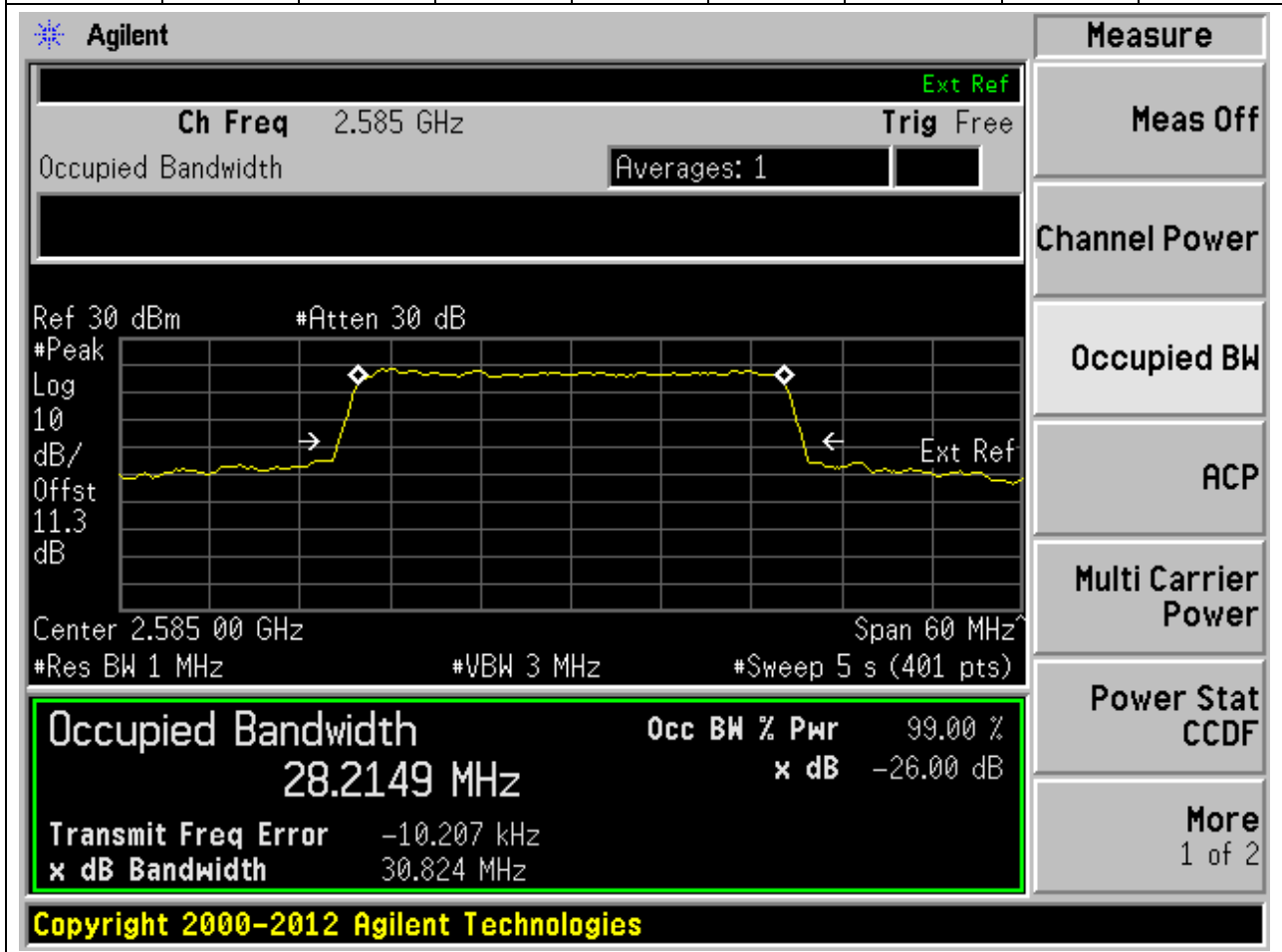
4.36. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:522000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:51, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2610	99	26	0.03	Peak	18.18	19.05	20	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box, showing a value of 18.1766 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. Other parameters shown include Center 2.610 000 GHz, Span 40 MHz, Res BW 30 kHz, VBW 1 MHz, and Sweep 5 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'. The bottom of the screen displays the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

4.37. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:517000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:78, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2585	99	26	1	Peak	28.21	30.82	30	Pass



4.38. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:519000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:78, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	1	Peak	28.3	31.01	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 2.595 GHz. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen.

Occupied Bandwidth 28.3013 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

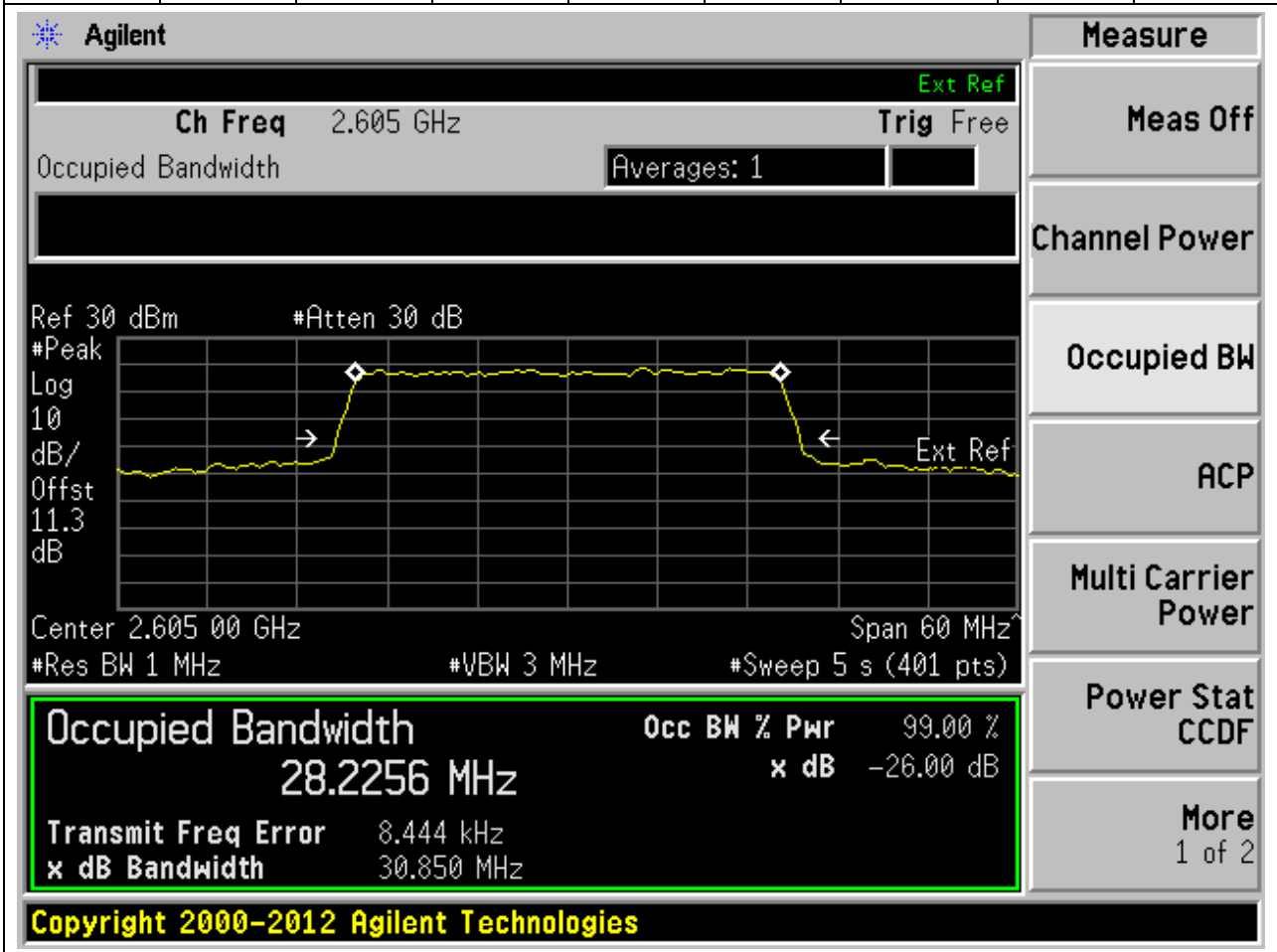
Transmit Freq Error 27.797 kHz

x dB Bandwidth 31.009 MHz

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4.39. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:521000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:78, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2605	99	26	1	Peak	28.23	30.85	30	Pass



4.40. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:517000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:78, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2585	99	26	1	Peak	28.23	30.86	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 2.585 GHz. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen.

Occupied Bandwidth 28.2310 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

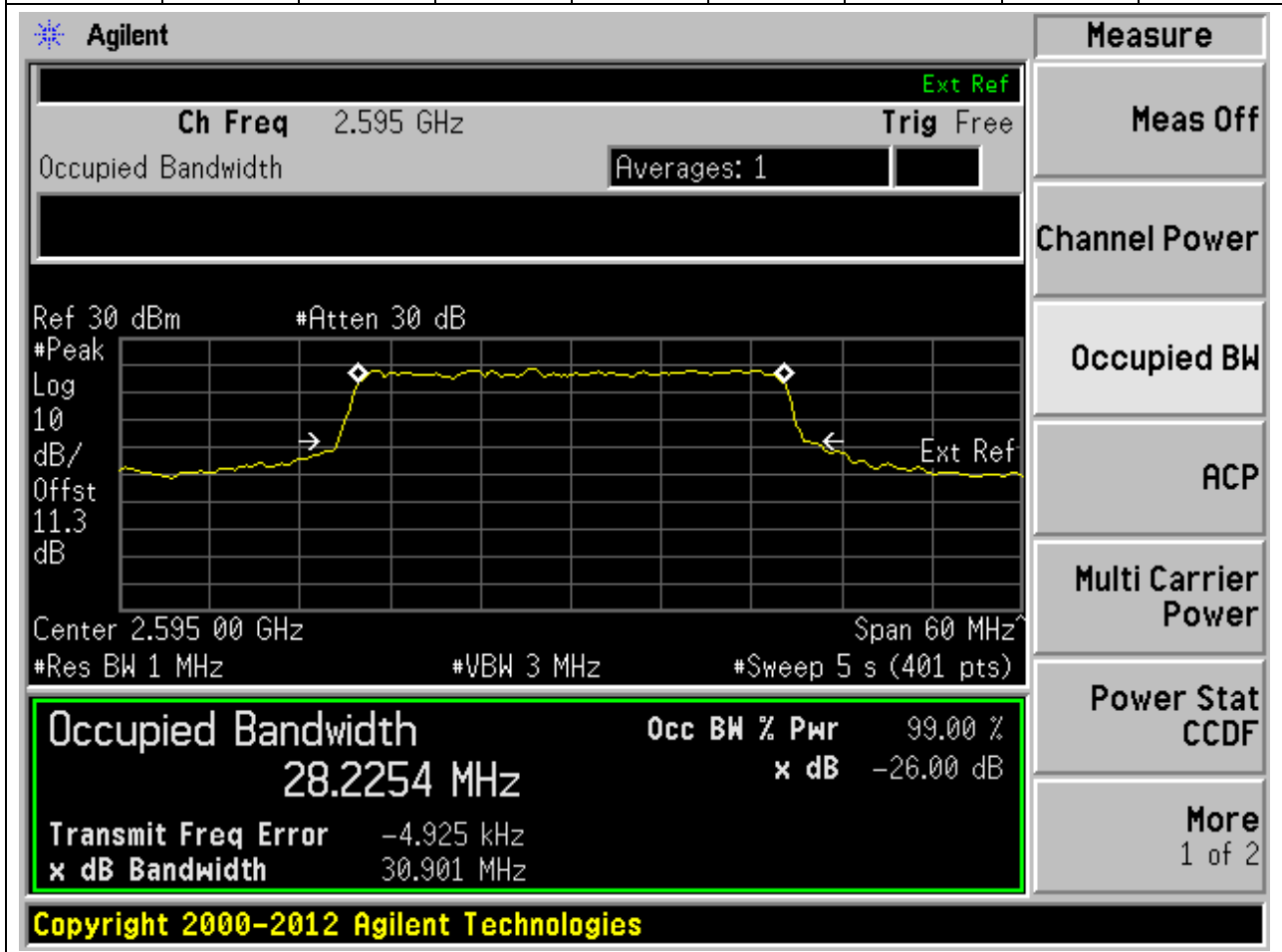
Transmit Freq Error -11.580 kHz

x dB Bandwidth 30.856 MHz

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4.41. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:519000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:78, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	1	Peak	28.23	30.9	30	Pass



4.42. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:521000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:78, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2605	99	26	1	Peak	28.24	31.01	30	Pass

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

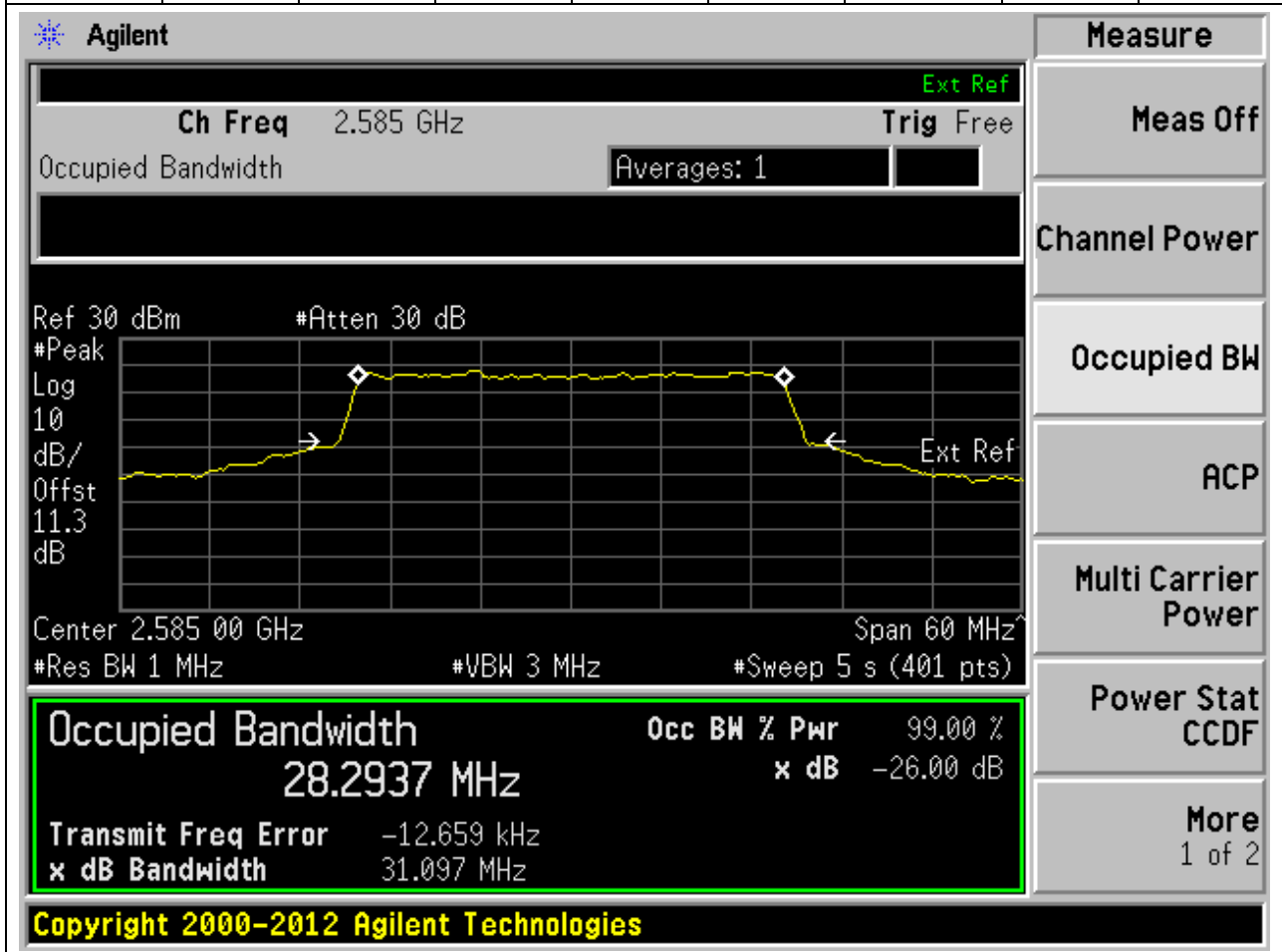
Measurement	Value
Occupied Bandwidth	28.2403 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-98.816 Hz
x dB Bandwidth	31.011 MHz

Additional parameters shown in the interface include: Ch Freq 2.605 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.3 dB, Center 2.605 00 GHz, Span 60 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

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4.43. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:517000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:78, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2585	99	26	1	Peak	28.29	31.1	30	Pass



4.44. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:519000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:78, RB Position:0)

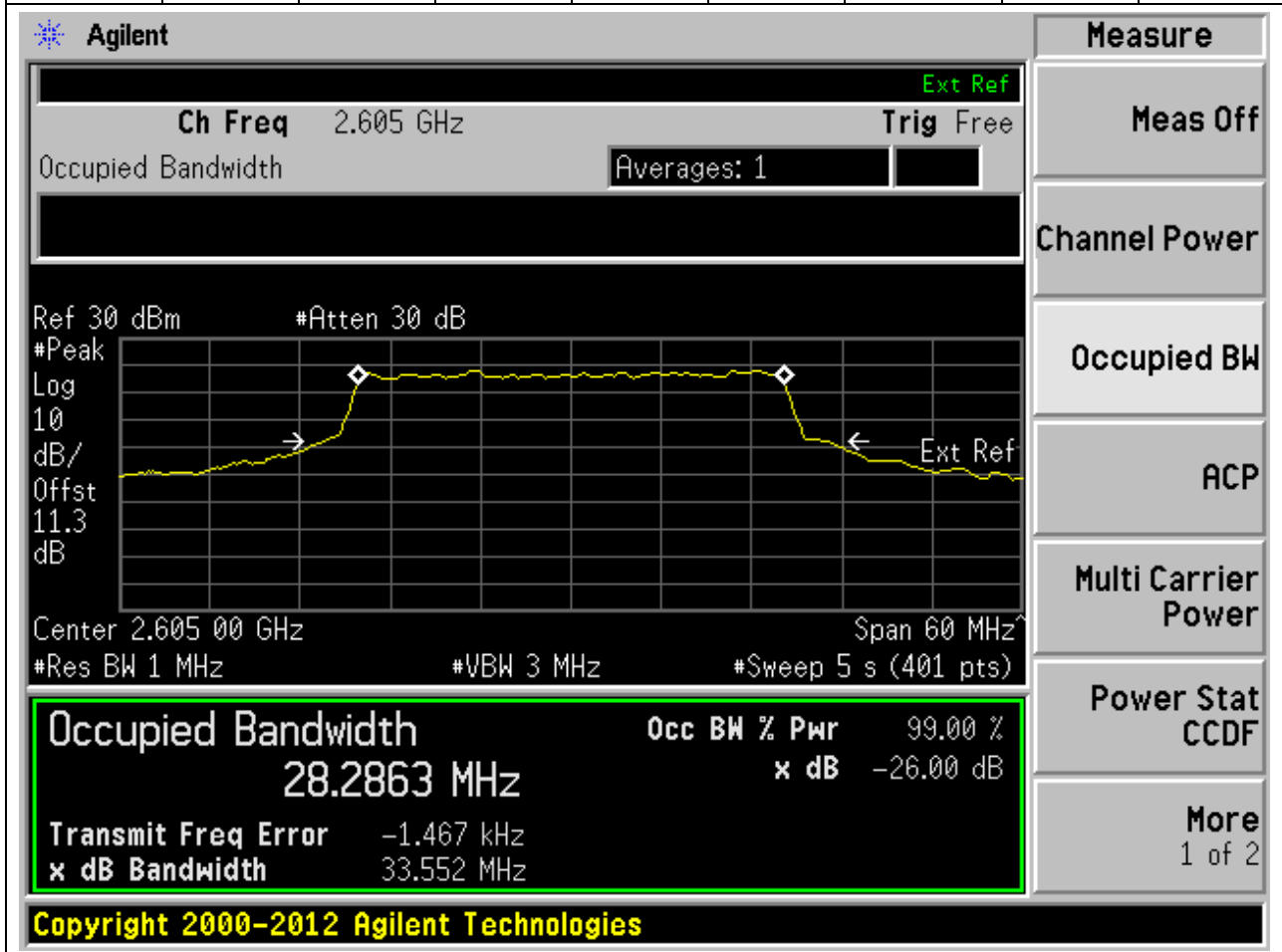
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	1	Peak	28.29	31.23	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.595 GHz, and the span is 60 MHz. The occupied bandwidth is measured as 28.2876 MHz, which is 99.00% of the channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -10.859 kHz, and the XdB bandwidth is 31.225 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 %
28.2876 MHz	x dB	-26.00 dB
Transmit Freq Error	-10.859 kHz	
x dB Bandwidth	31.225 MHz	

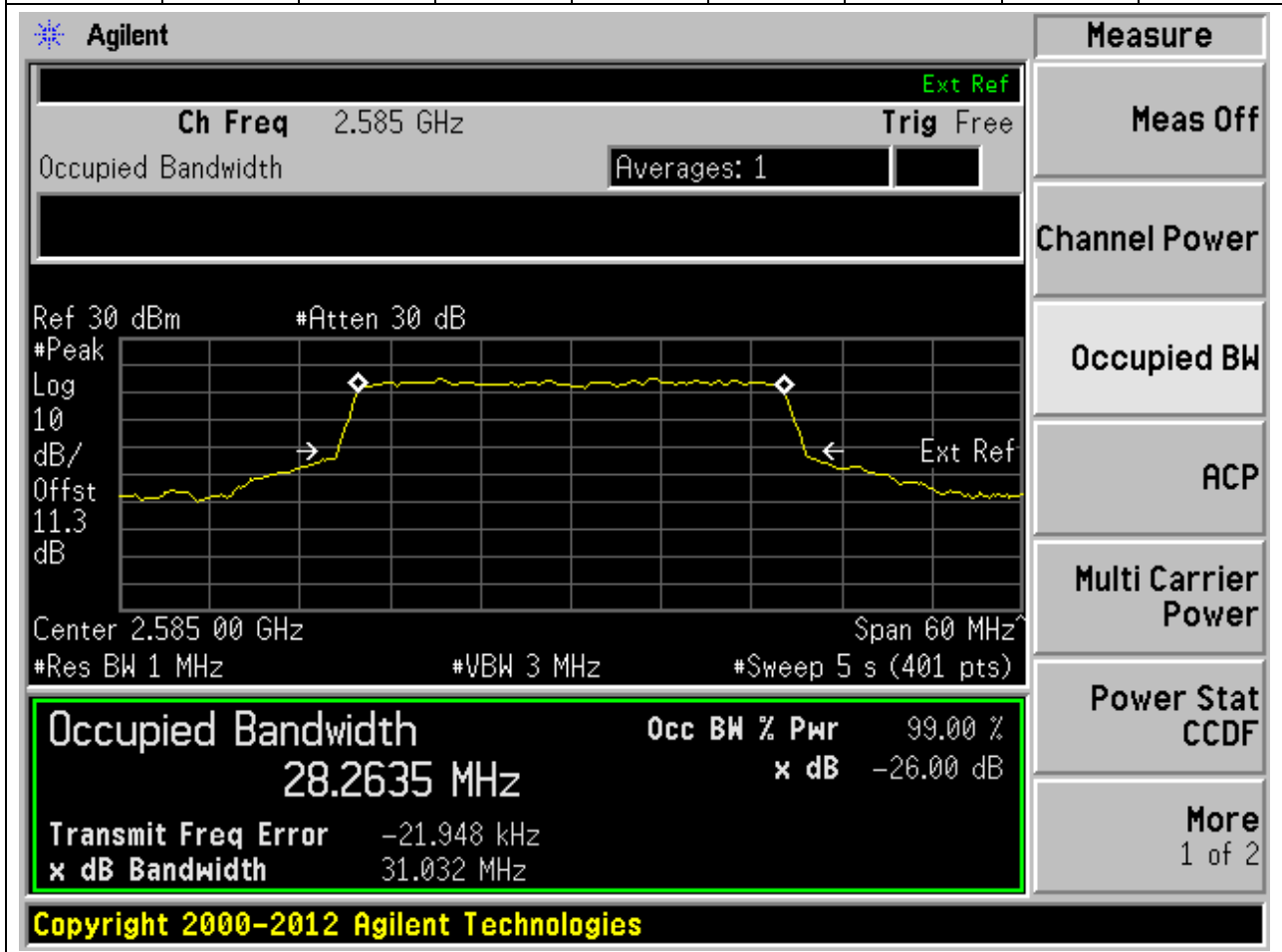
4.45. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:521000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:78, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2605	99	26	1	Peak	28.29	33.55	30	Pass



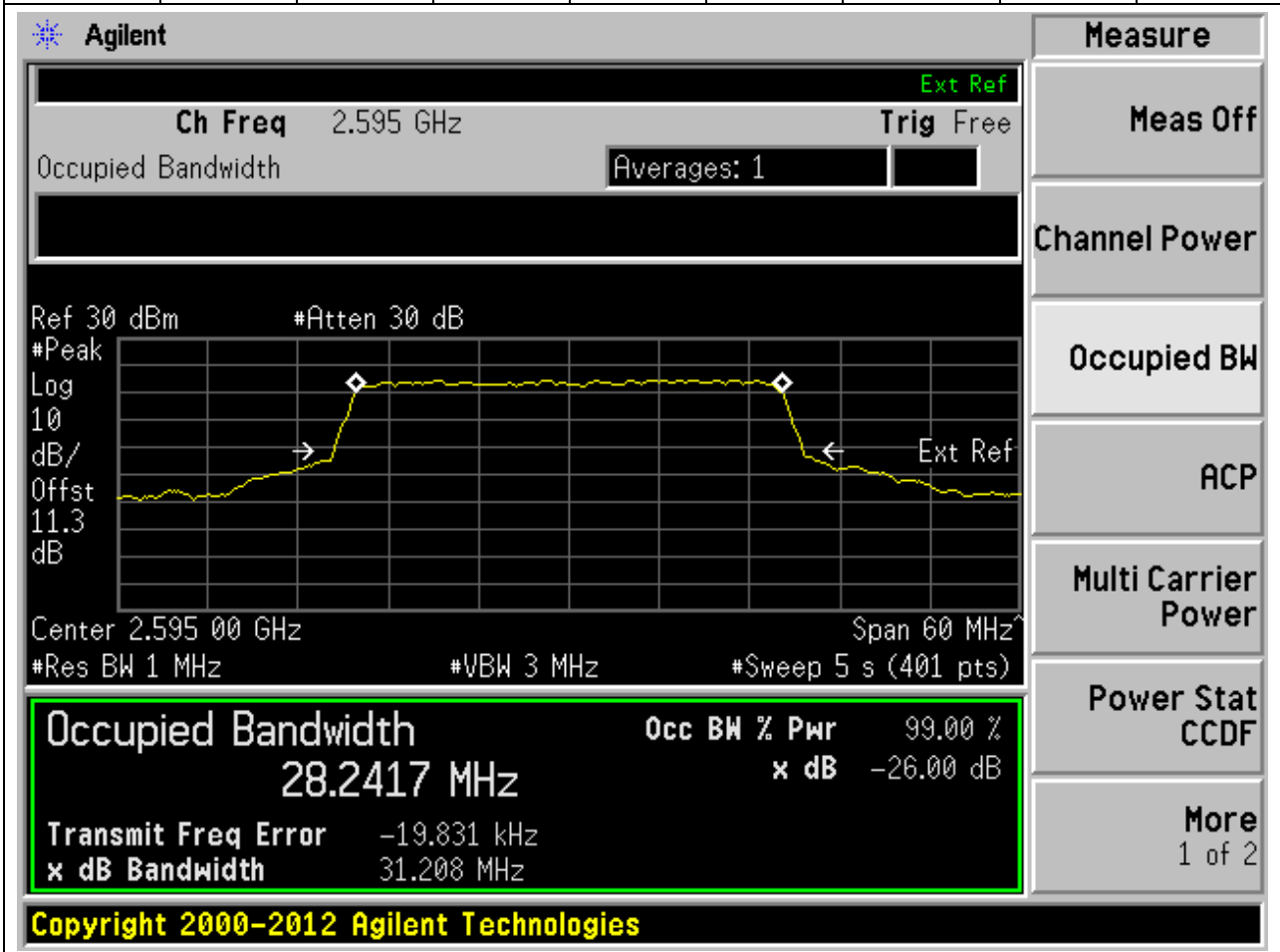
4.46. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:517000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:78, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2585	99	26	1	Peak	28.26	31.03	30	Pass



4.47. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:519000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:78, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	1	Peak	28.24	31.21	30	Pass



4.48. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:521000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:78, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2605	99	26	1	Peak	28.24	31.12	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 2.605 GHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow trace. The plot is labeled with 'Ref 30 dBm' and '#Atten 30 dB'. The y-axis is labeled '#Peak Log 10 dB/Offst 11.3 dB'. The x-axis is labeled 'Center 2.605 00 GHz' and 'Span 60 MHz'. Below the plot, the following parameters are shown: '#Res BW 1 MHz', '#VBW 3 MHz', and '#Sweep 5 s (401 pts)'. A green box highlights the 'Occupied Bandwidth' measurement results: 'Occupied Bandwidth 28.2413 MHz', 'Occ BW % Pwr 99.00 %', and 'x dB -26.00 dB'. Other parameters shown include 'Transmit Freq Error -9.350 kHz' and 'x dB Bandwidth 31.125 MHz'. 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, it says 'Copyright 2000-2012 Agilent Technologies'.

4.49. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2590	99	26	1	Peak	38.03	40.86	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 with a green box. The results are as follows:

Measurement	Value
Occupied Bandwidth	38.0347 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	16.600 kHz
x dB Bandwidth	40.856 MHz

Additional parameters shown in the interface include: Ch Freq 2.59 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.3 dB, Center 2.590 0 GHz, Span 80 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

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4.50. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:519000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	1	Peak	38.03	40.81	40	Pass

Agilent

Ch Freq 2.595 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.595 0 GHz Span 80 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %
38.0302 MHz x dB -26.00 dB

Transmit Freq Error 27.765 kHz
 x dB Bandwidth 40.808 MHz

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

4.51. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:520000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2600	99	26	1	Peak	38.04	41.07	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 2.6 GHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow trace. The plot parameters include 'Ref 30 dBm', '#Atten 30 dB', '#Peak Log 10 dB/Offst 11.2 dB', 'Center 2.600 0 GHz', 'Span 80 MHz', '#Res BW 1 MHz', '#VBW 3 MHz', and '#Sweep 5 s (401 pts)'. A green box highlights the 'Occupied Bandwidth' measurement results: 'Occupied Bandwidth 38.0449 MHz', 'Occ BW % Pwr 99.00 %', 'x dB -26.00 dB', 'Transmit Freq Error 35.220 kHz', and 'x dB Bandwidth 41.073 MHz'. The bottom of the screen shows 'Copyright 2000-2012 Agilent Technologies'.

4.52. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2590	99	26	1	Peak	38.1	40.9	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	38.1003 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	48.294 kHz
x dB Bandwidth	40.903 MHz

Additional parameters shown in the interface include: Ch Freq 2.59 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.3 dB, Center 2.590 0 GHz, Span 80 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

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4.53. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:519000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	1	Peak	38.08	41.03	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'dB/Offst' and the x-axis is labeled 'Center'. The plot shows a signal with a flat top and sloped sides, characteristic of a channel. The top of the plot shows 'Ch Freq 2.595 GHz' and 'Trig Free'. Below the plot, the following parameters are displayed: 'Ref 30 dBm', '#Atten 30 dB', '#Peak Log 10 dB/Offst 11.3 dB', 'Center 2.595 0 GHz', 'Span 80 MHz', '#Res BW 1 MHz', '#VBW 3 MHz', and '#Sweep 5 s (401 pts)'. A green box highlights the 'Occupied Bandwidth' measurement results: 'Occupied Bandwidth 38.0821 MHz', 'Occ BW % Pwr 99.00 %', and 'x dB -26.00 dB'. Below this, 'Transmit Freq Error 59.967 kHz' and 'x dB Bandwidth 41.026 MHz' are also shown. 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, the text 'Copyright 2000-2012 Agilent Technologies' is visible.

4.54. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:520000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2600	99	26	1	Peak	38.1	40.97	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 2.6 GHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow trace. The plot parameters include 'Ref 30 dBm', '#Atten 30 dB', '#Peak Log', '10 dB/Offst', and '11.2 dB'. The plot shows a signal with a flat top and sloped sides, with two white diamonds marking the edges of the occupied bandwidth. Below the plot, the following parameters are listed: 'Center 2.600 0 GHz', 'Span 80 MHz', '#Res BW 1 MHz', '#VBW 3 MHz', and '#Sweep 5 s (401 pts)'. A green box highlights the 'Occupied Bandwidth' section, which shows '38.1029 MHz' and 'Occ BW % Pwr 99.00 % x dB -26.00 dB'. Below this, 'Transmit Freq Error 29.366 kHz' and 'x dB Bandwidth 40.974 MHz' are also visible. 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, the copyright notice 'Copyright 2000-2012 Agilent Technologies' is displayed.

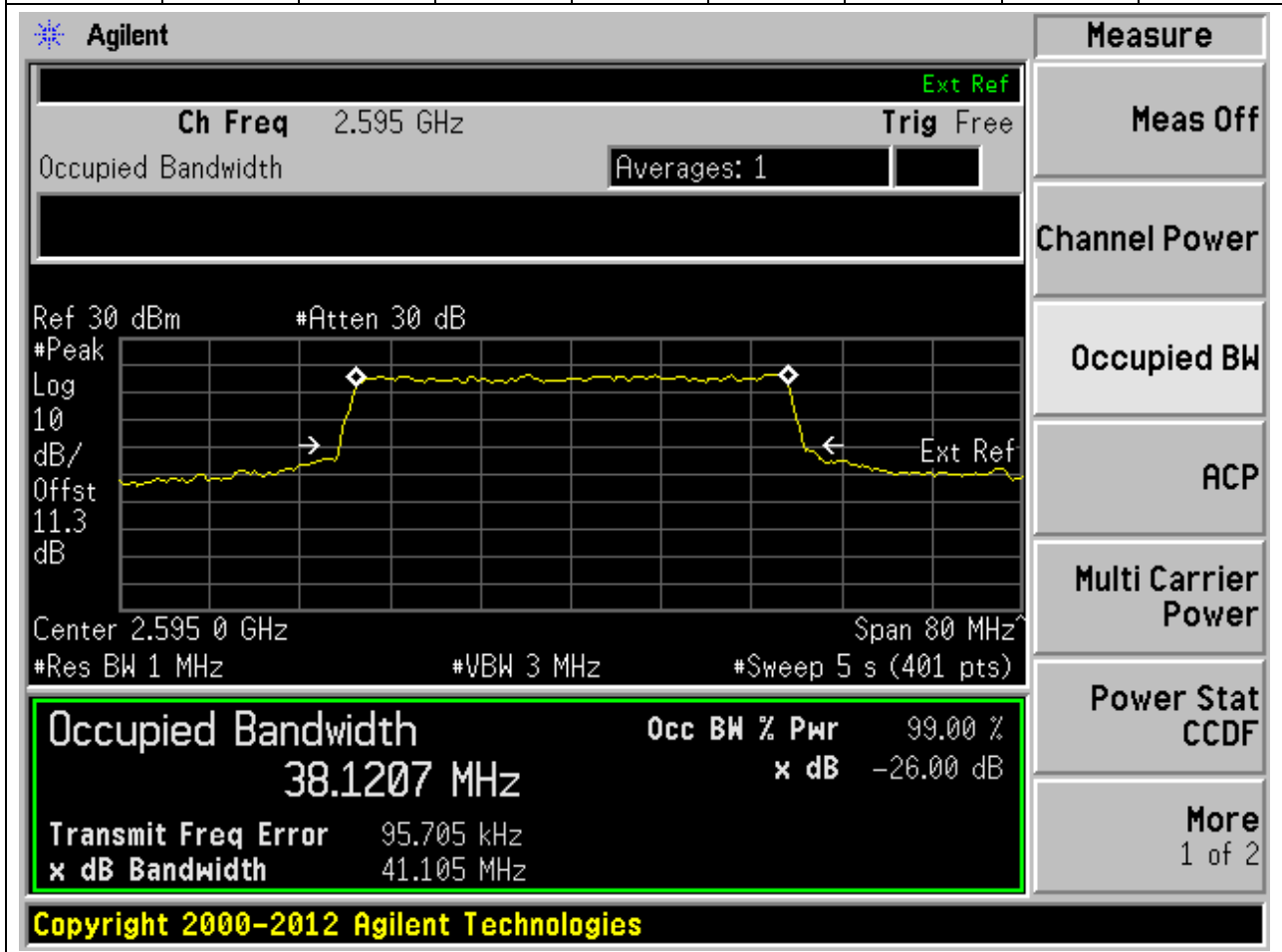
4.55. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2590	99	26	1	Peak	38.19	41.04	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 2.59 GHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow trace. The plot parameters include 'Ref 30 dBm', '#Atten 30 dB', '#Peak Log 10 dB/Offst 11.3 dB', 'Center 2.590 0 GHz', 'Span 80 MHz', '#Res BW 1 MHz', '#VBW 3 MHz', and '#Sweep 5 s (401 pts)'. A green box highlights the 'Occupied Bandwidth' measurement results: 'Occupied Bandwidth 38.1890 MHz', 'Occ BW % Pwr 99.00 %', 'x dB -26.00 dB', 'Transmit Freq Error 97.470 kHz', and 'x dB Bandwidth 41.045 MHz'. 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, it says 'Copyright 2000-2012 Agilent Technologies'.

4.56. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:519000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	1	Peak	38.12	41.1	40	Pass



4.57. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:520000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2600	99	26	1	Peak	38.16	41.11	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 2.6 GHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow trace. The plot parameters include 'Ref 30 dBm', '#Atten 30 dB', '#Peak Log 10 dB/Offst 11.2 dB', 'Center 2.600 0 GHz', 'Span 80 MHz', '#Res BW 1 MHz', '#VBW 3 MHz', and '#Sweep 5 s (401 pts)'. A green box highlights the measurement results: 'Occupied Bandwidth 38.1593 MHz', 'Occ BW % Pwr 99.00 %', 'x dB -26.00 dB', 'Transmit Freq Error 122.630 kHz', and 'x dB Bandwidth 41.107 MHz'. 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'. The bottom of the screen shows the copyright notice 'Copyright 2000-2012 Agilent Technologies'.

4.58. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2590	99	26	1	Peak	38.15	41.1	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	38.1548 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-12.904 kHz
x dB Bandwidth	41.096 MHz

Additional parameters shown in the interface include: Ch Freq 2.59 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.3 dB, Center 2.590 0 GHz, Span 80 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

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4.59. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:519000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2595	99	26	1	Peak	38.14	41.06	40	Pass

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

Occupied Bandwidth	Occ BW % Pwr	x dB
38.1381 MHz	99.00 %	-26.00 dB

Additional parameters shown in the screenshot include:

- Center Frequency: 2.595 GHz
- Span: 80 MHz
- Res BW: 1 MHz
- VBW: 3 MHz
- Sweep: 5 s (401 pts)
- Ref: 30 dBm
- Atten: 30 dB
- Ext Ref: -26.00 dB

The interface also includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The copyright notice at the bottom reads 'Copyright 2000-2012 Agilent Technologies'.

4.60. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:520000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2600	99	26	1	Peak	38.12	41.07	40	Pass

Agilent
Measure

Ch Freq 2.6 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.600 0 GHz Span 80 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

38.1249 MHz

Transmit Freq Error 2.879 kHz

x dB Bandwidth 41.069 MHz

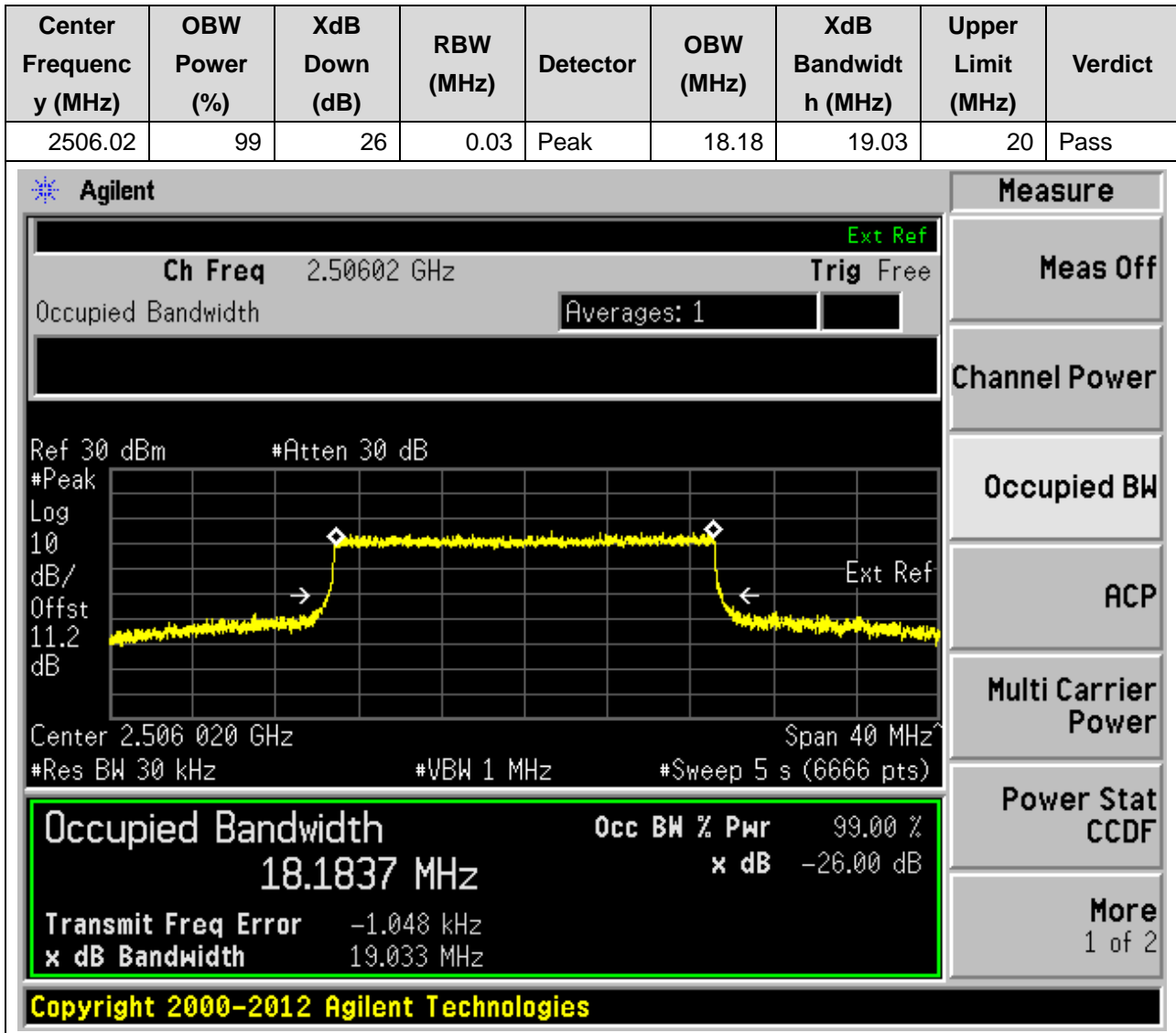
Occ BW % Pwr 99.00 %

x dB -26.00 dB

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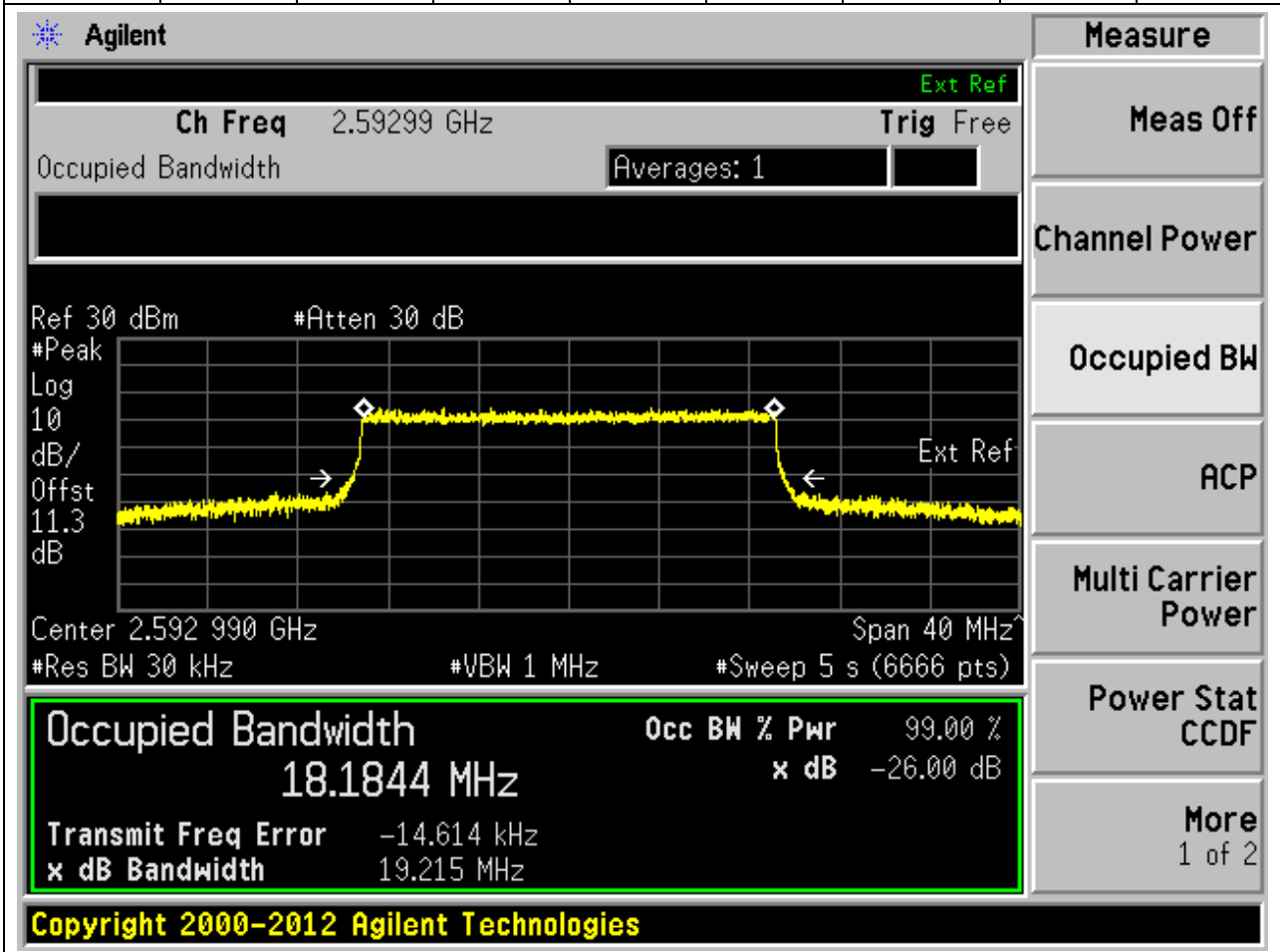
5. n41

5.1. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:501204, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:51, RB Position:0)



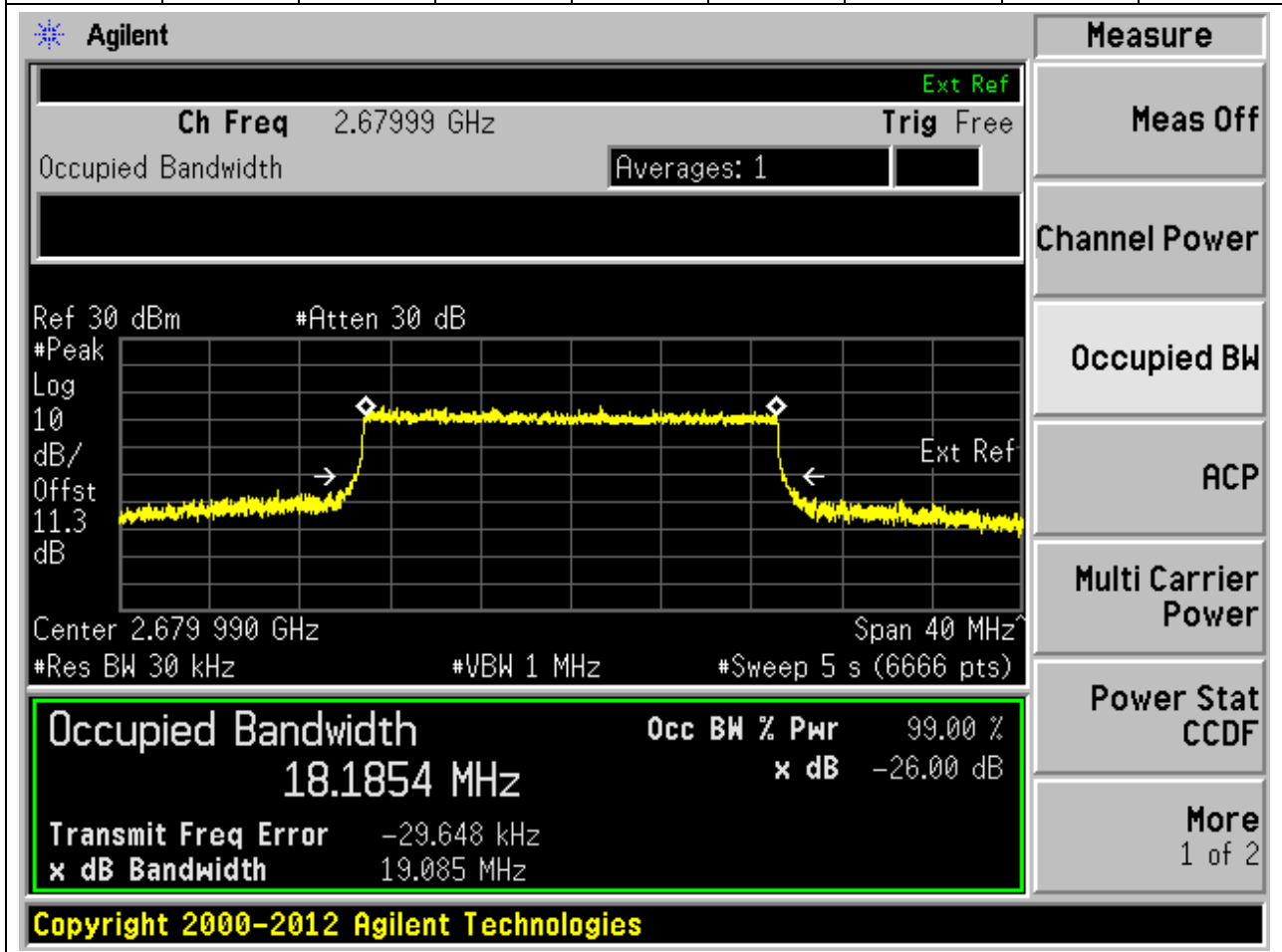
5.2. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:51, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	0.03	Peak	18.18	19.22	20	Pass



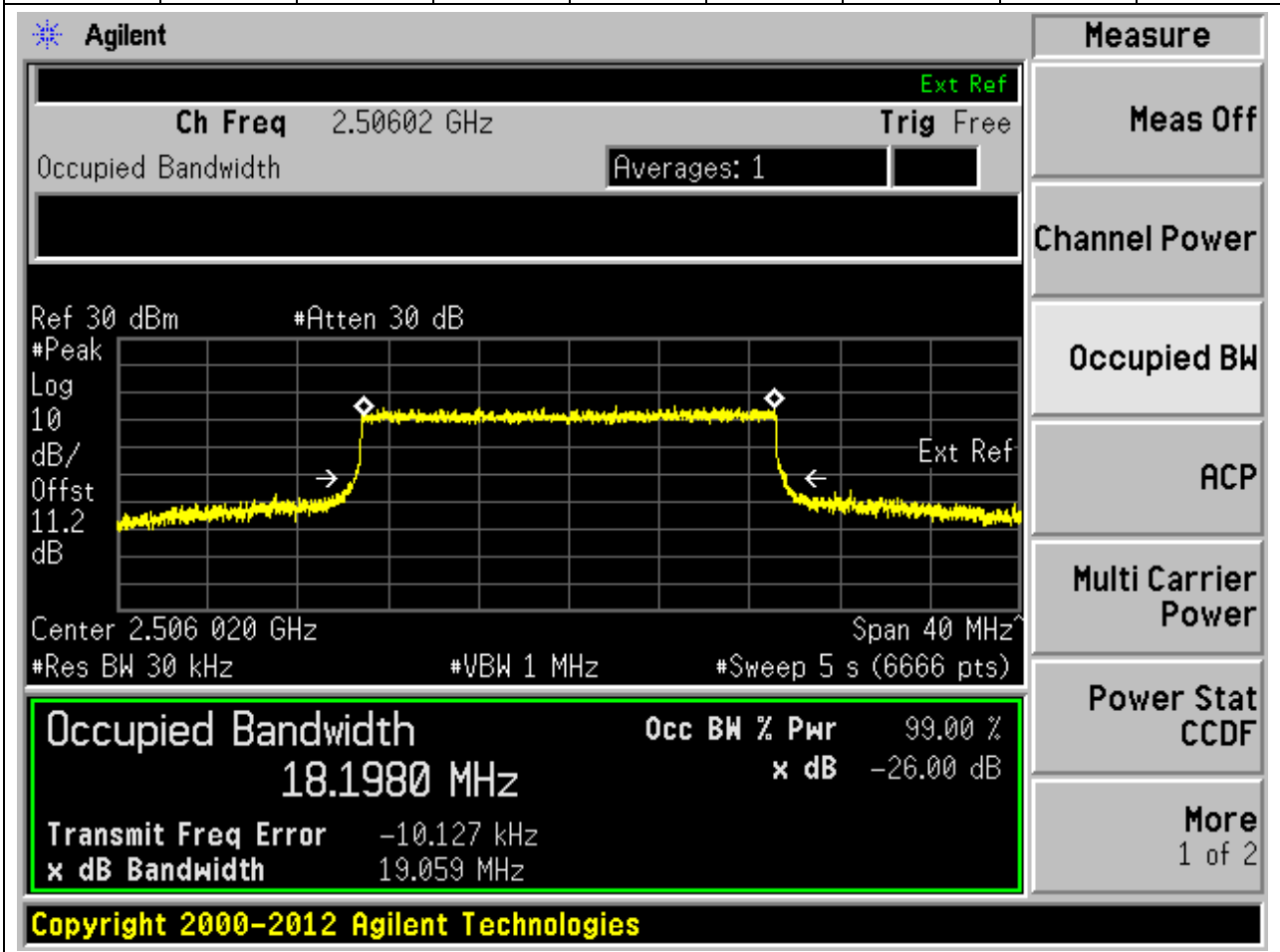
5.3. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:535998, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:51, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2679.99	99	26	0.03	Peak	18.19	19.09	20	Pass



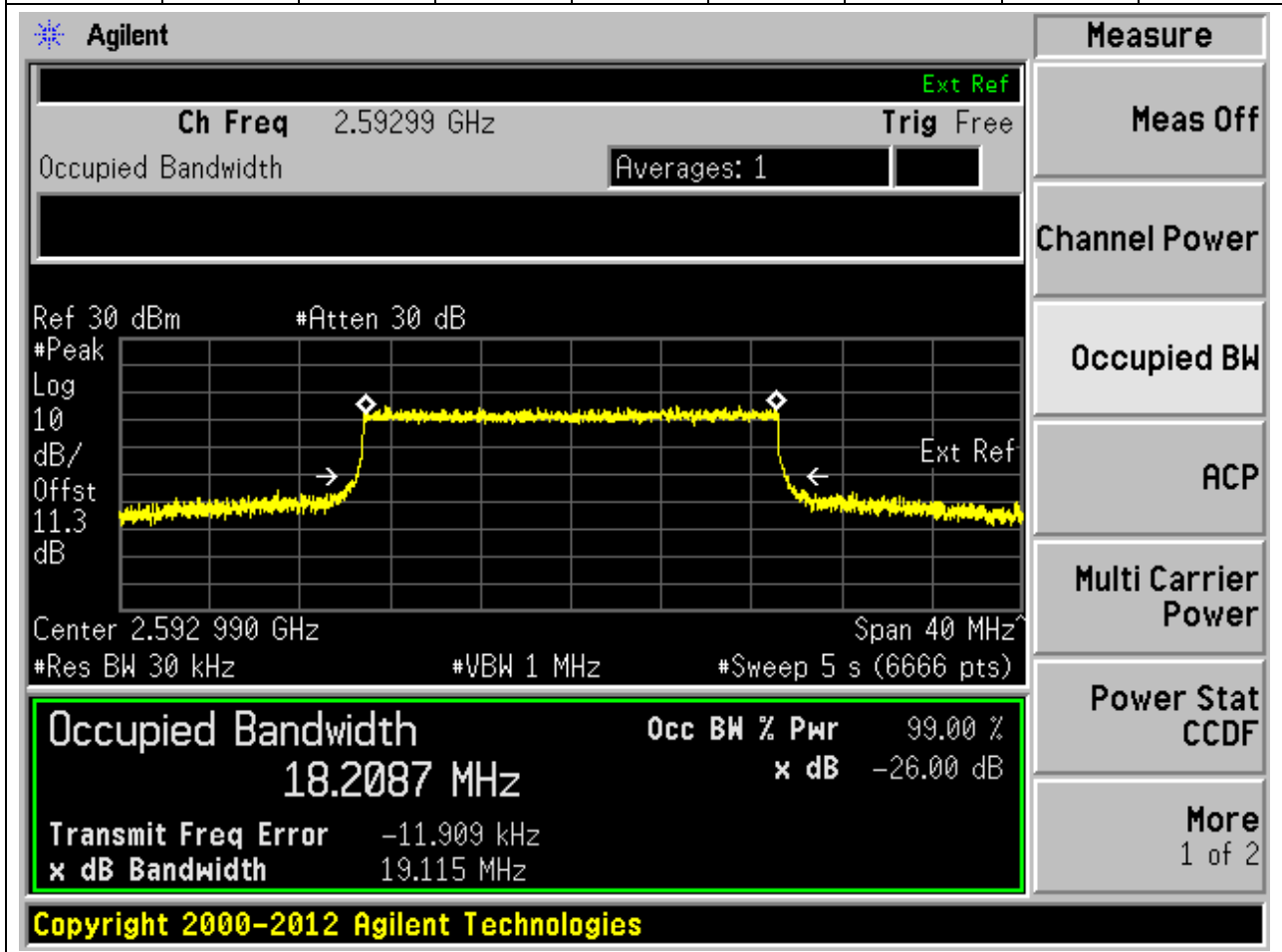
5.4. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:501204, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:51, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2506.02	99	26	0.03	Peak	18.2	19.06	20	Pass



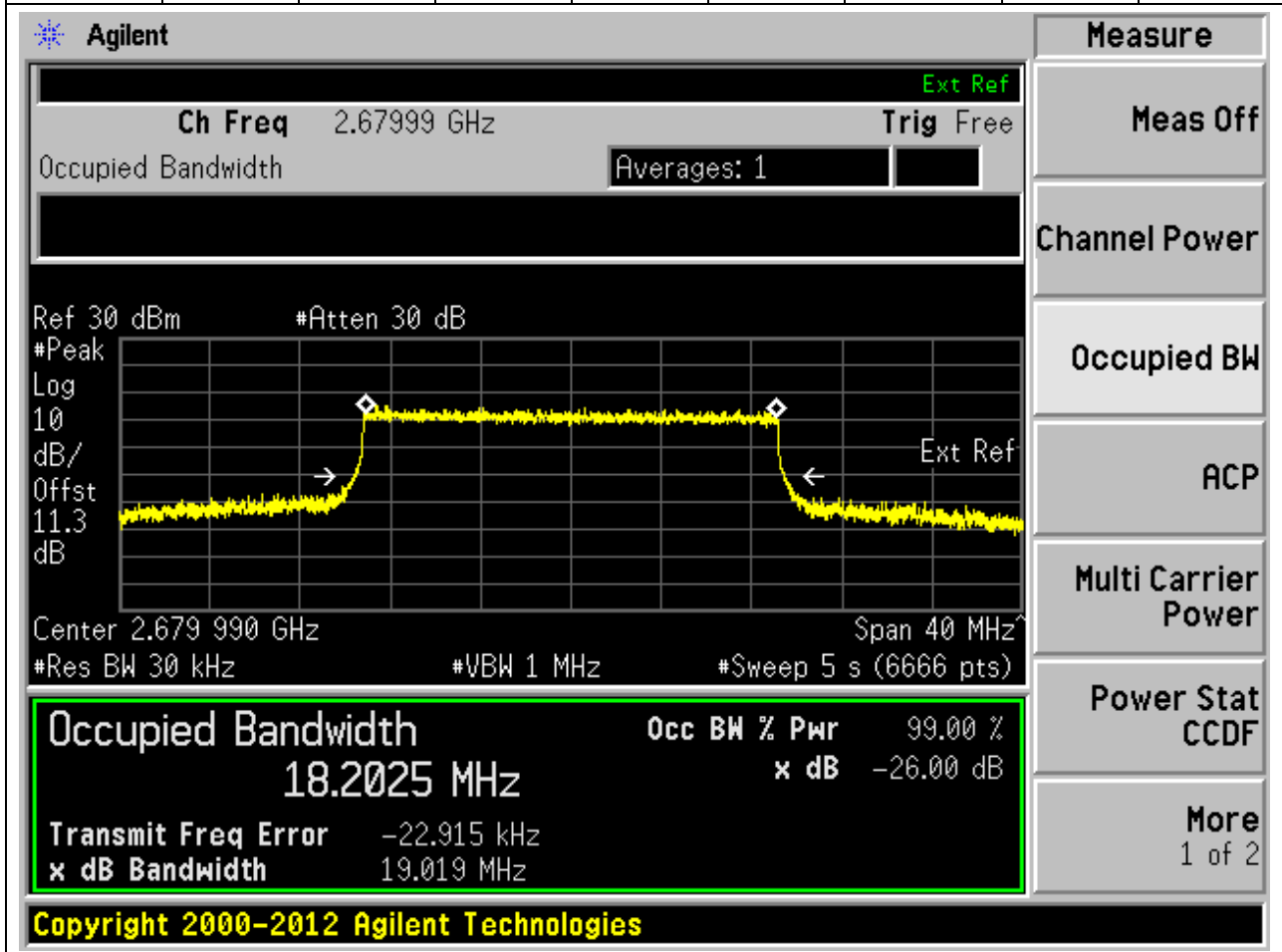
5.5. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:51, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	0.03	Peak	18.21	19.11	20	Pass



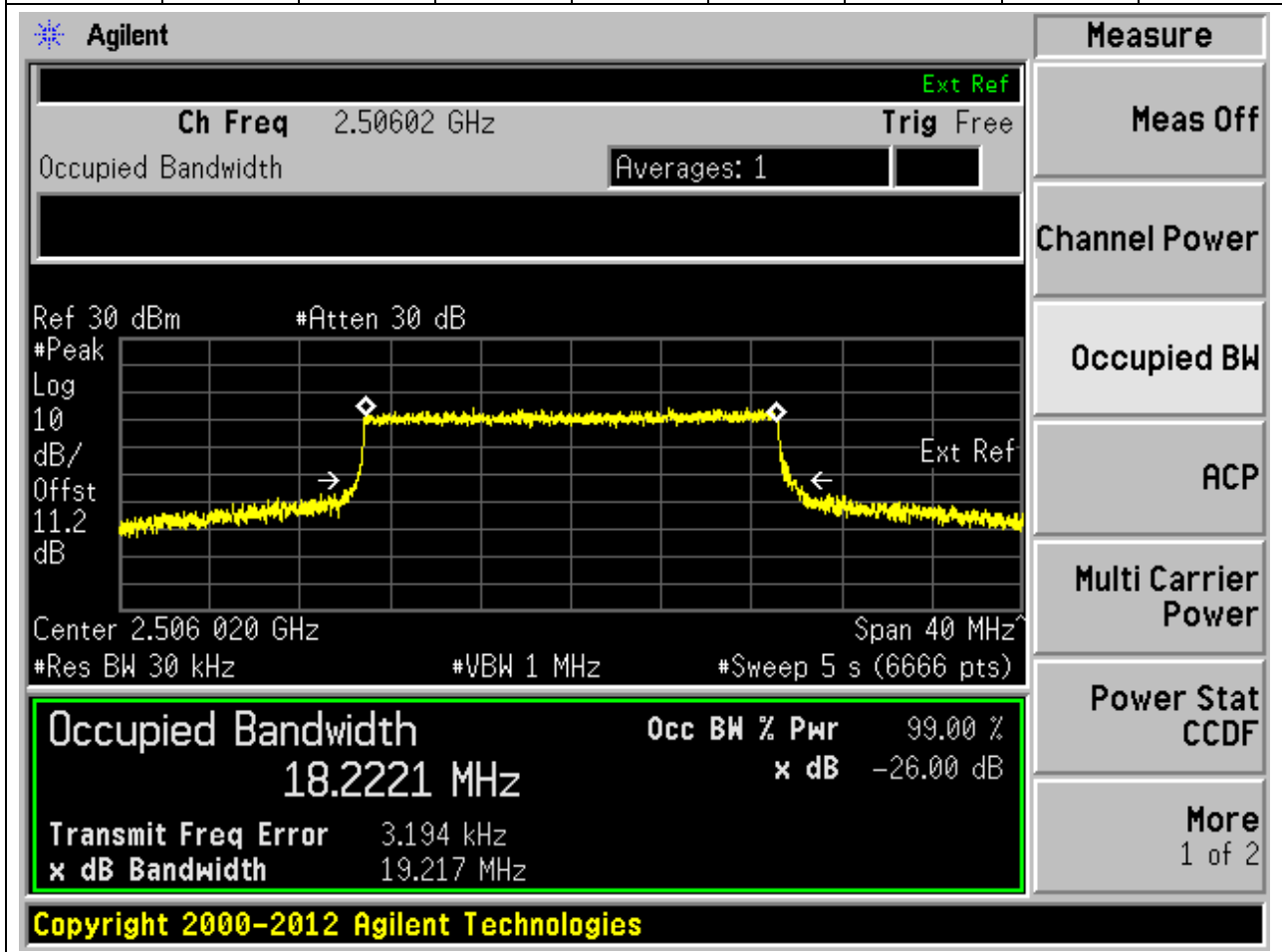
5.6. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:535998, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:51, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2679.99	99	26	0.03	Peak	18.2	19.02	20	Pass



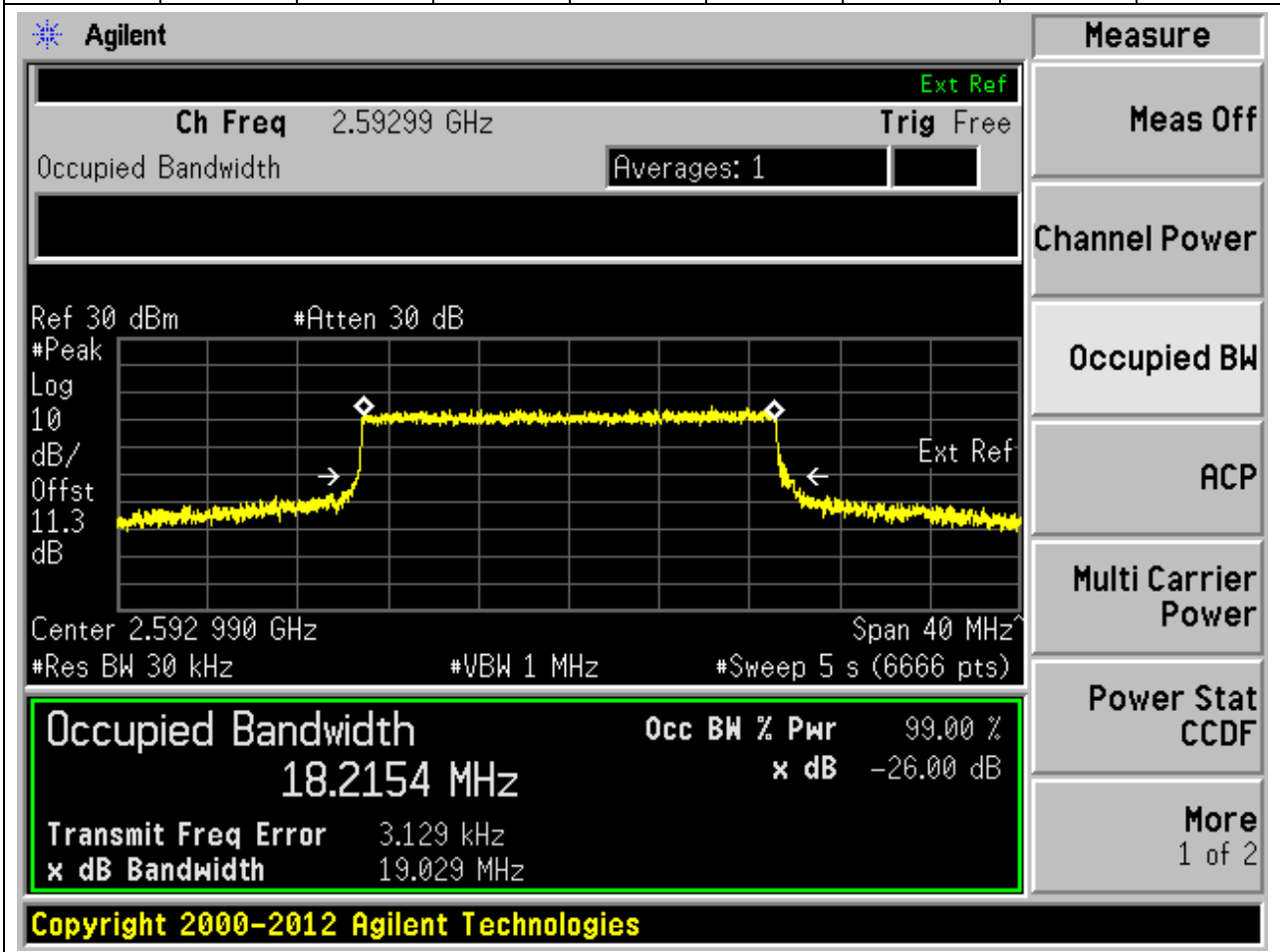
5.7. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:501204, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:51, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2506.02	99	26	0.03	Peak	18.22	19.22	20	Pass



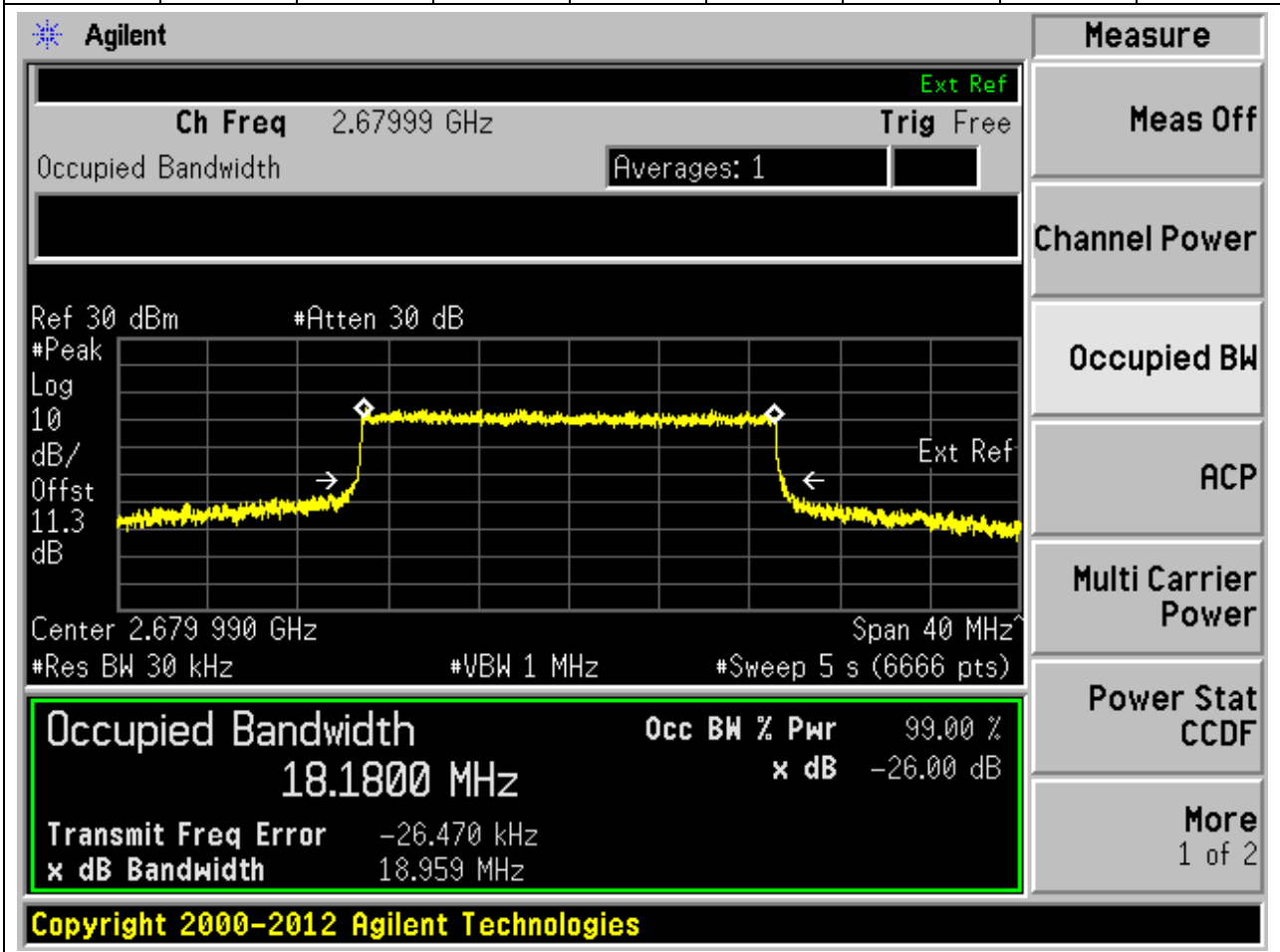
5.8. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:51, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	0.03	Peak	18.22	19.03	20	Pass



5.9. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:535998, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:51, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2679.99	99	26	0.03	Peak	18.18	18.96	20	Pass



5.10. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:501204, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:51, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2506.02	99	26	0.03	Peak	18.16	18.89	20	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a yellow signal trace on a grid. The center frequency is 2.50602 GHz, and the span is 40 MHz. The occupied bandwidth is highlighted in a green box with the following values:

Occupied Bandwidth	Occ BW % Pwr	99.00 %
18.1630 MHz	x dB	-26.00 dB
Transmit Freq Error		7.874 kHz
x dB Bandwidth		18.887 MHz

Other parameters shown include: Ch Freq 2.50602 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.2 dB, Center 2.506 020 GHz, Span 40 MHz, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 5 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).

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5.11. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:51, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	0.03	Peak	18.18	19.06	20	Pass

Agilent
Measure

Ch Freq 2.59299 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.592 990 GHz Span 40 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

18.1787 MHz

Transmit Freq Error 3.926 kHz

x dB Bandwidth 19.056 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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5.12. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:535998, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:51, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2679.99	99	26	0.03	Peak	18.18	19.06	20	Pass

Agilent
Measure

Ch Freq 2.67999 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.679 990 GHz Span 40 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

18.1805 MHz

Transmit Freq Error -16.006 kHz

x dB Bandwidth 19.060 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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5.13. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:502200, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:78, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2511	99	26	1	Peak	28.23	31.1	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal trace with a yellow line representing the signal level. The trace is centered at 2.511 GHz with a span of 60 MHz. The signal level is approximately 30 dBm, and the noise floor is around -26 dBm. The occupied bandwidth is measured as 28.2348 MHz, which is 99.00% of the channel bandwidth. The XdB Down is -26.00 dB. The interface also shows various settings such as Res BW (1 MHz), VBW (3 MHz), and Sweep (5 s). A table at the bottom of the screen provides the following data:

Occupied Bandwidth	Occ BW % Pwr	x dB
28.2348 MHz	99.00 %	-26.00 dB
Transmit Freq Error	46.858 Hz	
x dB Bandwidth	31.099 MHz	

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5.14. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:78, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	28.23	30.87	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 2.59299 GHz. The main display shows a spectrum plot with a yellow trace 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 'dB/Offst' with a value of 11.3 dB. The x-axis shows a center frequency of 2.59299 GHz and a span of 60 MHz. The resolution bandwidth (RBW) is 1 MHz, the video bandwidth (VBW) is 3 MHz, and the sweep time is 5 seconds (401 points). A green box highlights the measurement results: Occupied Bandwidth is 28.2337 MHz, Occ BW % Pwr is 99.00%, and x dB is -26.00 dB. Other parameters shown include Transmit Freq Error of -11.411 kHz and x dB Bandwidth of 30.871 MHz. The interface also includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen displays the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

5.15. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:534996, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:78, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2674.98	99	26	1	Peak	28.2	30.86	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 2.67498 GHz. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen.

Occupied Bandwidth 28.1980 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

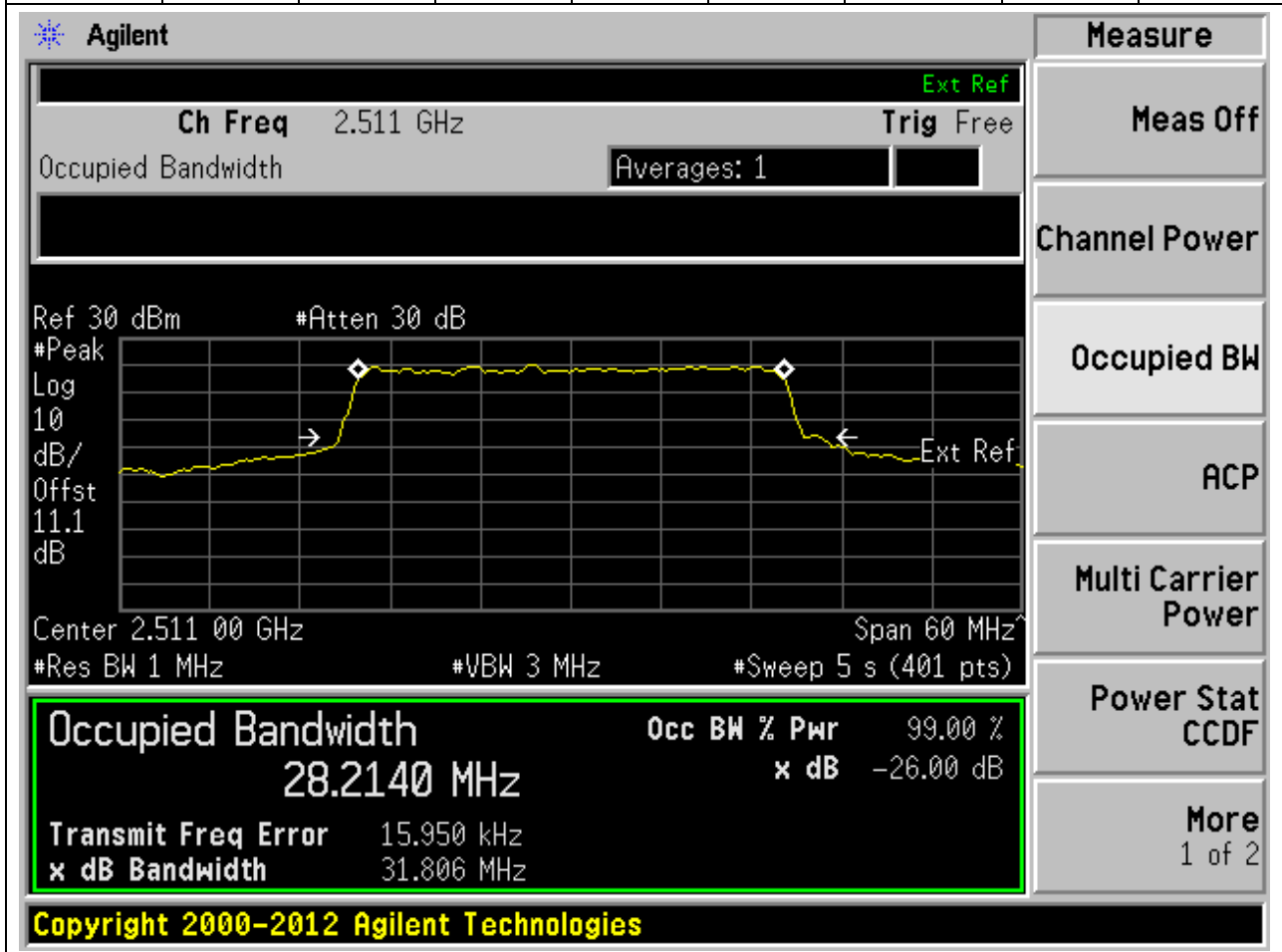
Transmit Freq Error -115.423 kHz

x dB Bandwidth 30.857 MHz

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5.16. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:502200, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:78, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2511	99	26	1	Peak	28.21	31.81	30	Pass



5.17. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:78, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	28.25	31.91	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal trace with a yellow line representing the signal level. The trace is centered at 2.59299 GHz with a span of 60 MHz. The signal level is approximately -26 dB. The interface includes various measurement parameters and a list of measurement options on the right side.

Occupied Bandwidth	Occ BW % Pwr	x dB
28.2488 MHz	99.00 %	-26.00 dB

Other parameters shown in the screenshot include: Ch Freq 2.59299 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.3 dB, Center 2.592 99 GHz, Span 60 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts), Transmit Freq Error -4.048 kHz, x dB Bandwidth 31.915 MHz.

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5.18. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:534996, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:78, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2674.98	99	26	1	Peak	28.29	30.95	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 2.67498 GHz. The occupied bandwidth is measured as 28.2907 MHz, which is 99.00% of the 30 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -133.575 kHz. The XdB bandwidth is 30.950 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 %
28.2907 MHz	x dB	-26.00 dB
Transmit Freq Error		-133.575 kHz
x dB Bandwidth		30.950 MHz

5.19. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:502200, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:78, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2511	99	26	1	Peak	28.25	32.04	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 2.511 GHz. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen.

Occupied Bandwidth 28.2527 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

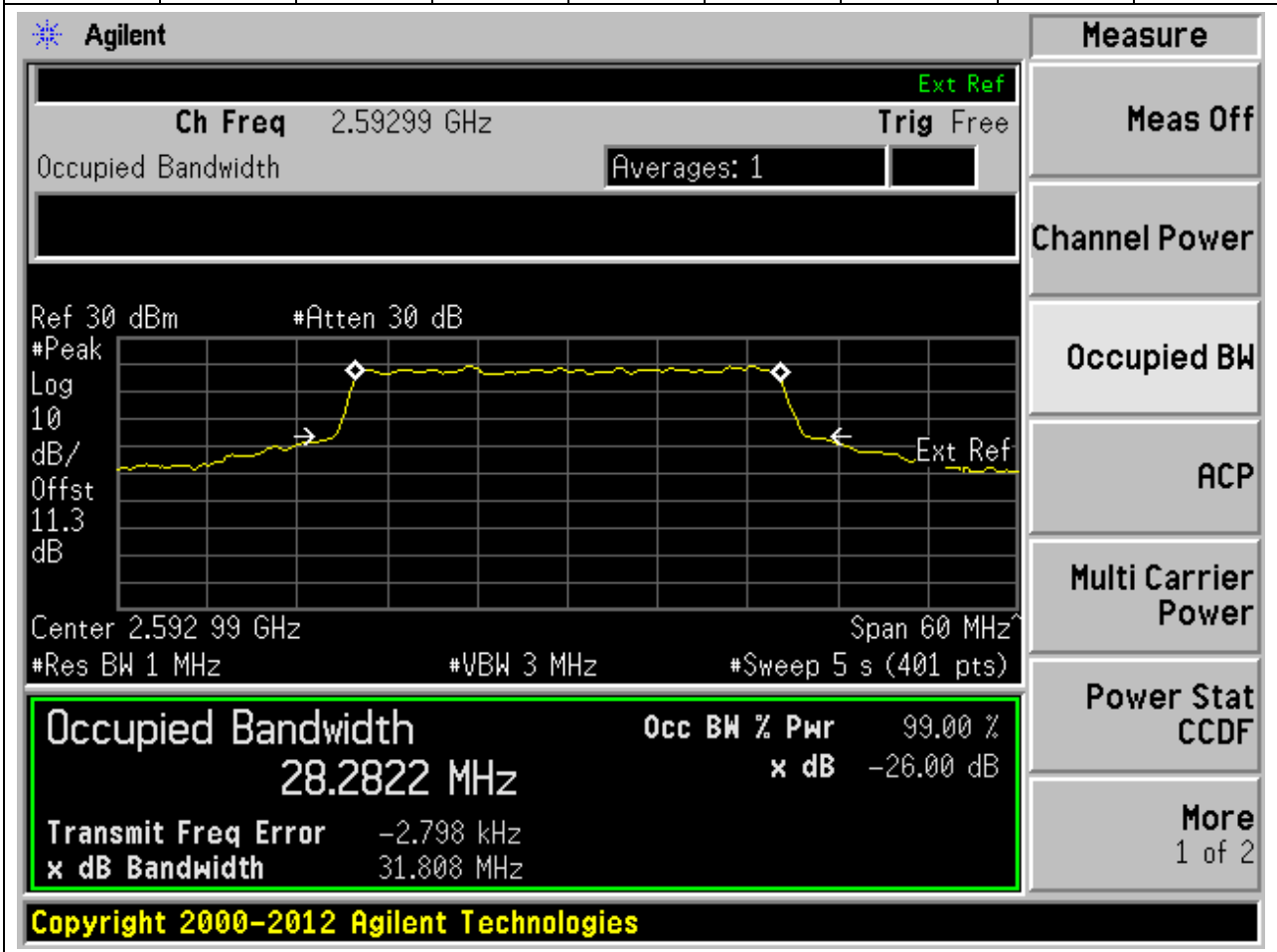
Transmit Freq Error 6.017 kHz

x dB Bandwidth 32.037 MHz

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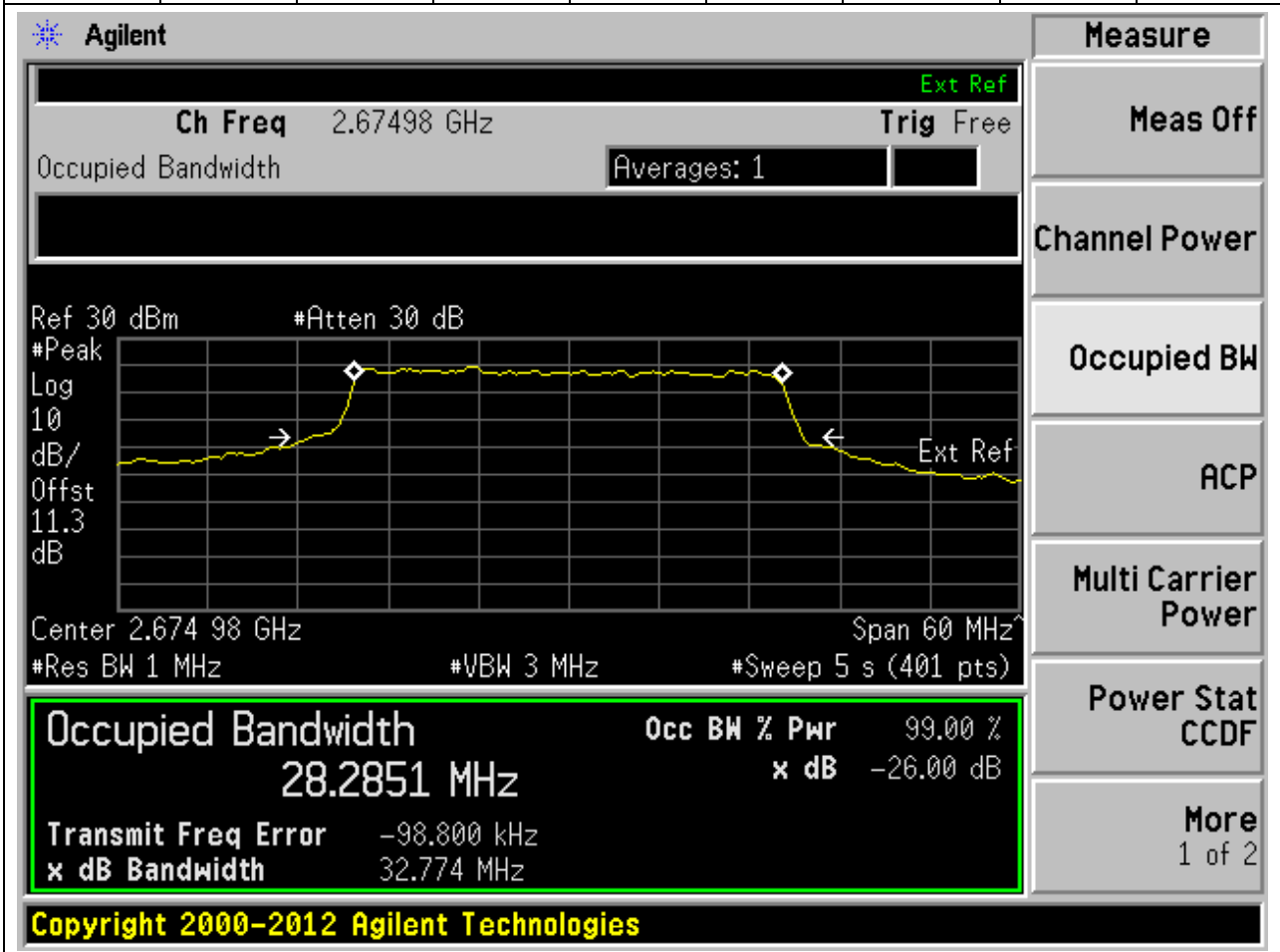
5.20. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:78, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	28.28	31.81	30	Pass



5.21. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:534996, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:78, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2674.98	99	26	1	Peak	28.29	32.77	30	Pass



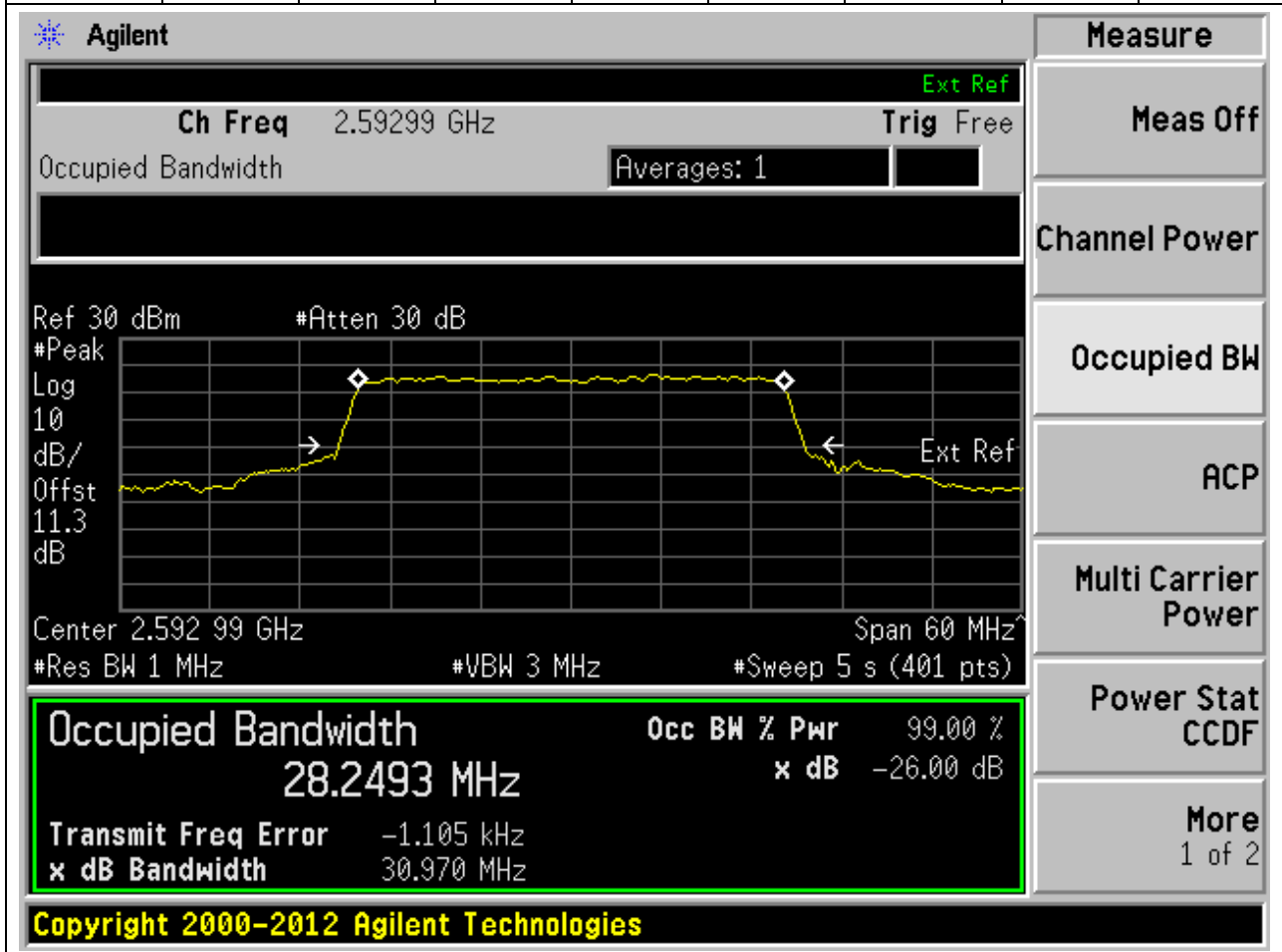
5.22. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:502200, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:78, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2511	99	26	1	Peak	28.22	31.04	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 2.511 GHz' and 'Trig Free'. The 'Occupied Bandwidth' measurement is active, with 'Averages: 1'. The main display area shows a spectrum plot with a yellow trace. The plot parameters include 'Ref 30 dBm', '#Atten 30 dB', '#Peak Log 10 dB/Offst 11.1 dB', 'Center 2.511 00 GHz', 'Span 60 MHz', '#Res BW 1 MHz', '#VBW 3 MHz', and '#Sweep 5 s (401 pts)'. A green box highlights the measurement results: 'Occupied Bandwidth 28.2175 MHz', 'Occ BW % Pwr 99.00 %', 'x dB -26.00 dB', 'Transmit Freq Error 5.594 kHz', and 'x dB Bandwidth 31.044 MHz'. 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'. The bottom of the screen shows the copyright notice 'Copyright 2000-2012 Agilent Technologies'.

5.23. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:78, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	28.25	30.97	30	Pass



5.24. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:534996, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:78, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2674.98	99	26	1	Peak	28.19	30.85	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box, showing a value of 28.1901 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -104.518 kHz and the 'x dB Bandwidth' is 30.849 MHz. The interface also shows various settings like 'Ch Freq 2.67498 GHz', 'Ref 30 dBm', '#Atten 30 dB', and 'Span 60 MHz'.

Occupied Bandwidth	Occ BW % Pwr	x dB
28.1901 MHz	99.00 %	-26.00 dB

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5.25. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:503202, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2516.01	99	26	1	Peak	37.99	40.87	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows the channel frequency (2.51601 GHz) and the trigger mode (Free). The main display area shows a spectrum plot with a yellow trace representing the signal. The plot is set to a reference level of 30 dBm and an attenuation of 30 dB. The y-axis is labeled 'dB/Offst' and the x-axis is labeled 'MHz'. The plot shows a signal with a bandwidth of approximately 40 MHz. The 'Occupied Bandwidth' measurement is highlighted in a green box, showing a value of 37.9928 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is 15.400 kHz and the 'x dB Bandwidth' is 40.867 MHz. The bottom of the screen shows the copyright information: Copyright 2000-2012 Agilent Technologies.

Occupied Bandwidth	Occ BW % Pwr	x dB
37.9928 MHz	99.00 %	-26.00 dB

5.26. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	38.1	41.18	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows the channel frequency (Ch Freq) as 2.59299 GHz and the trigger mode as Free. The main display area shows a spectrum plot with a yellow trace representing the signal. The plot is set to a reference level of 30 dBm and an attenuation of 30 dB. The y-axis is labeled '#Peak Log 10 dB/ Offst 11.3 dB'. The x-axis shows a center frequency of 2.5930 GHz and a span of 80 MHz. The resolution bandwidth (#Res BW) is 1 MHz, the video bandwidth (#VBW) is 3 MHz, and the sweep time is 5 seconds (401 points). A green box highlights the measurement results: Occupied Bandwidth is 38.1013 MHz, Occ BW % Pwr is 99.00%, and x dB is -26.00 dB. Other parameters shown include Transmit Freq Error of 15.387 kHz and x dB Bandwidth of 41.179 MHz. On the right side, there is a 'Measure' menu with options like Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2). The bottom of the screen displays the copyright notice: Copyright 2000-2012 Agilent Technologies.

5.27. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:534000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2670	99	26	1	Peak	38	40.88	40	Pass

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

Occupied Bandwidth	Occ BW % Pwr	x dB
38.0004 MHz	99.00 %	-26.00 dB

Additional parameters shown in the interface include: Center 2.670 0 GHz, Span 80 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts), and a Verdict of Pass.

5.28. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:503202, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2516.01	99	26	1	Peak	38.04	41.15	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 2.51601 GHz. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'dB/Offst' and the x-axis is 'Span 80 MHz'. A green box highlights the measurement results:

Occupied Bandwidth	Occ BW % Pwr	99.00 %
38.0379 MHz	x dB	-26.00 dB
Transmit Freq Error	42.368 kHz	
x dB Bandwidth	41.148 MHz	

Additional parameters shown include: #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts), and #Atten 30 dB. The 'Ext Ref' label is visible on the plot and in the top right corner. The right-hand side of the interface shows a 'Measure' menu with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'.

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5.29. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	38.25	41.24	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 2.59299 GHz. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'dB/Offst' with values 10, 11.3, and dB. The x-axis is labeled 'Center' with a value of 2.5930 GHz. The plot shows a signal with a peak at approximately 2.5930 GHz. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen, showing a value of 38.2538 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB Bandwidth' is 41.238 MHz. The 'Transmit Freq Error' is 66.029 kHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Occupied Bandwidth	Occ BW % Pwr	x dB Bandwidth
38.2538 MHz	99.00 %	41.238 MHz

5.30. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:534000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2670	99	26	1	Peak	38.08	41.14	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 2.67 GHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow trace. The plot is labeled with 'Ref 30 dBm' and '#Atten 30 dB'. The y-axis is labeled '#Peak Log 10 dB/Offst 11.3 dB'. The x-axis is labeled 'Center 2.670 0 GHz' and 'Span 80 MHz'. Below the plot, the following parameters are shown: '#Res BW 1 MHz', '#VBW 3 MHz', and '#Sweep 5 s (401 pts)'. A green box highlights the 'Occupied Bandwidth' measurement results: 'Occupied Bandwidth 38.0781 MHz', 'Occ BW % Pwr 99.00 %', and 'x dB -26.00 dB'. Other parameters shown include 'Transmit Freq Error -109.877 kHz' and 'x dB Bandwidth 41.137 MHz'. 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, the copyright notice 'Copyright 2000-2012 Agilent Technologies' is visible.

5.31. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:503202, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2516.01	99	26	1	Peak	38.09	41.09	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 2.51601 GHz. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'dB/Offst' and the x-axis is 'Span 80 MHz'. A green box highlights the measurement results at the bottom of the screen:

Occupied Bandwidth	Occ BW % Pwr	99.00 %
38.0907 MHz	x dB	-26.00 dB
Transmit Freq Error	84.902 kHz	
x dB Bandwidth	41.094 MHz	

Additional parameters shown include: #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts), and #Atten 30 dB. The 'Ext Ref' label is visible on the right side of the plot area.

5.32. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	38.2	41.36	40	Pass

Agilent
Measure

Ch Freq 2.59299 GHz Trig Free

Occupied Bandwidth Averages: 1

Ext Ref

Ref 30 dBm #Atten 30 dB

Center 2.593 0 GHz Span 80 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
38.2001 MHz	x dB	-26.00 dB
Transmit Freq Error	83.888 kHz	
x dB Bandwidth	41.359 MHz	

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

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5.33. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:534000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2670	99	26	1	Peak	38.1	41.13	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'dB/Offst' and the x-axis is 'Center'. The plot shows a signal with a peak at approximately 2.67 GHz. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen, showing a value of 38.1040 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB Bandwidth' is 41.134 MHz. The 'Transmit Freq Error' is -28.554 kHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Occupied Bandwidth	Occ BW % Pwr	x dB Bandwidth
38.1040 MHz	99.00 %	41.134 MHz

5.34. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:503202, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2516.01	99	26	1	Peak	38.04	40.98	40	Pass

Agilent
Measure

Ch Freq 2.51601 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.516 0 GHz Span 80 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

38.0447 MHz

Transmit Freq Error 8.785 kHz

x dB Bandwidth 40.978 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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5.35. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	38.09	41.07	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 2.59299 GHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow trace. The plot is labeled with 'Ref 30 dBm' and '#Atten 30 dB'. The y-axis is labeled '#Peak Log 10 dB/Offst 11.3 dB'. The x-axis is labeled 'Center 2.593 0 GHz' and 'Span 80 MHz'. Below the plot, the following parameters are shown: '#Res BW 1 MHz', '#VBW 3 MHz', and '#Sweep 5 s (401 pts)'. A green box highlights the 'Occupied Bandwidth' measurement results: 'Occupied Bandwidth 38.0871 MHz', 'Occ BW % Pwr 99.00 %', and 'x dB -26.00 dB'. Other parameters shown include 'Transmit Freq Error -3.663 kHz' and 'x dB Bandwidth 41.070 MHz'. 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, the text 'Copyright 2000-2012 Agilent Technologies' is visible.

5.36. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:534000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2670	99	26	1	Peak	38.01	41.04	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is titled 'Occupied Bandwidth' and shows a signal centered at 2.67 GHz. The plot parameters are: Center 2.6700 GHz, Span 80 MHz, Res BW 1 MHz, VBW 3 MHz, Sweep 5 s (401 pts). The plot shows a signal with a peak level of approximately -26 dB and a bandwidth of 38.0080 MHz. The plot also shows the 'Ext Ref' level and the 'Averages: 1' setting.

The measurement results are displayed in a summary box at the bottom of the screen:

Occupied Bandwidth	Occ BW % Pwr	x dB
38.0080 MHz	99.00 %	-26.00 dB

Additional measurement data shown in the summary box:

Transmit Freq Error	x dB Bandwidth
-126.175 kHz	41.040 MHz

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

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5.37. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:504204, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2521.02	99	26	1	Peak	47.64	50.73	50	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Agilent' and 'Measure' options. The main display area shows a spectrum plot with a yellow trace. The plot is labeled with 'Ch Freq 2.52102 GHz', 'Trig Free', and 'Occupied Bandwidth Averages: 1'. The plot shows a signal with a peak at 2.52102 GHz. The y-axis is labeled 'dB/Offst' and the x-axis is labeled 'Center 2.521 02 GHz'. The plot also shows 'Ref 30 dBm' and '#Atten 30 dB'. The plot is labeled with '#Peak Log 10 dB/Offst 11.1 dB'. The plot shows a signal with a peak at 2.52102 GHz. The plot is labeled with 'Span 100 MHz', '#Res BW 1 MHz', '#VBW 3 MHz', and '#Sweep 5 s (500 pts)'. The plot shows a signal with a peak at 2.52102 GHz. The plot is labeled with 'Occupied Bandwidth 47.6414 MHz', 'Occ BW % Pwr 99.00 %', and 'x dB -26.00 dB'. The plot also shows 'Transmit Freq Error 38.697 kHz' and 'x dB Bandwidth 50.726 MHz'. The plot is labeled with 'Copyright 2000-2012 Agilent Technologies'.

5.38. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	47.7	50.62	50	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:

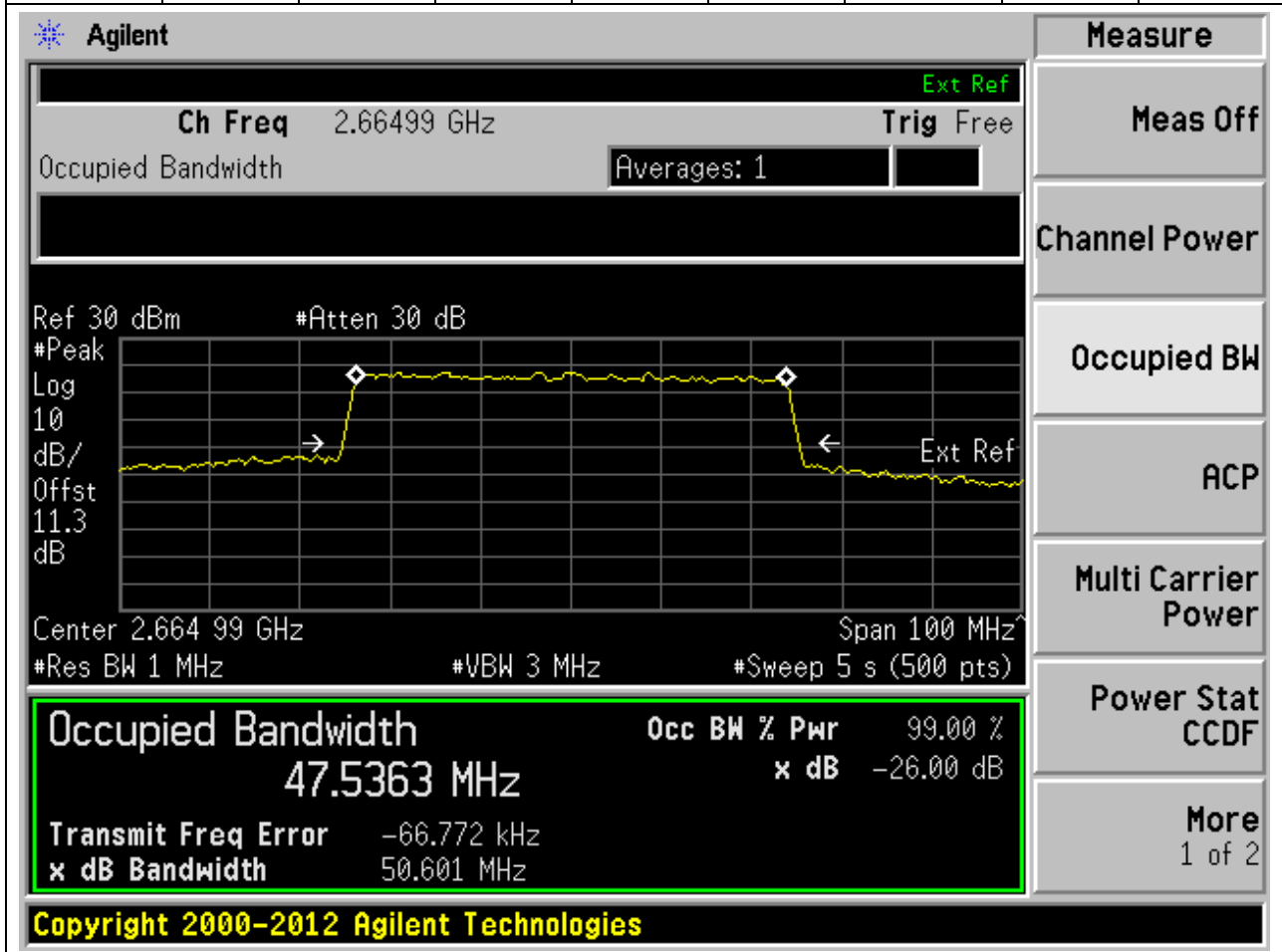
Measurement	Value
Occupied Bandwidth	47.7035 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	40.523 kHz
x dB Bandwidth	50.623 MHz

Other visible parameters include: Ch Freq 2.59299 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.3 dB, Center 2.592 99 GHz, Span 100 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (500 pts).

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5.39. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:532998, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2664.99	99	26	1	Peak	47.54	50.6	50	Pass



5.40. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:504204, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:133, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2521.02	99	26	1	Peak	47.75	51.01	50	Pass

Agilent

Ch Freq 2.52102 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.1 dB

Center 2.521 02 GHz Span 100 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %
47.7514 MHz x dB -26.00 dB

Transmit Freq Error -25.682 kHz
 x dB Bandwidth 51.010 MHz

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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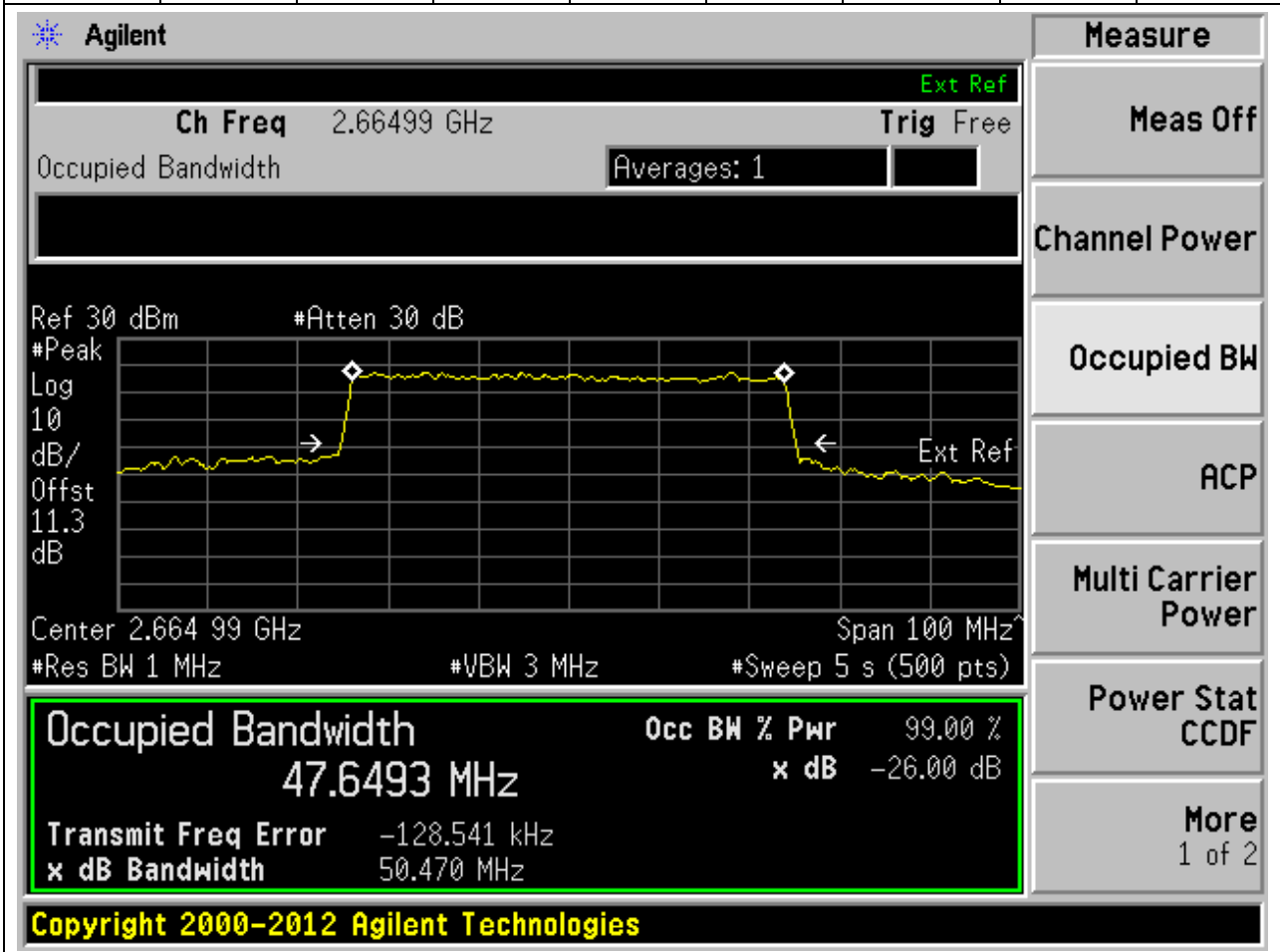
5.41. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:133, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	47.75	50.65	50	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'dB/Offst' and the x-axis is 'Center'. The plot shows a signal with a peak at approximately 2.59299 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 47.7540 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -29.355 kHz and the 'x dB Bandwidth' is 50.650 MHz. The interface also shows various settings like 'Ch Freq', 'Trig Free', 'Averages: 1', 'Ref 30 dBm', '#Atten 30 dB', 'Span 100 MHz', '#Res BW 1 MHz', '#VBW 3 MHz', and '#Sweep 5 s (500 pts)'. A 'Measure' menu is visible on the right side, with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'.

5.42. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:532998, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:133, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2664.99	99	26	1	Peak	47.65	50.47	50	Pass



5.43. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:504204, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:133, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2521.02	99	26	1	Peak	47.68	50.47	50	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 2.52102 GHz. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'dB/Offst' and the x-axis is 'MHz'. A green box highlights the measurement results:

Occupied Bandwidth	Occ BW % Pwr	99.00 %
47.6759 MHz	x dB	-26.00 dB
Transmit Freq Error		-44.153 kHz
x dB Bandwidth		50.466 MHz

Additional parameters shown include: Center 2.521 02 GHz, Span 100 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (500 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'. The copyright notice at the bottom reads 'Copyright 2000-2012 Agilent Technologies'.

5.44. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:133, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	47.73	50.51	50	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	47.7310 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-50.784 kHz
x dB Bandwidth	50.512 MHz

Additional parameters shown in the interface include: Ch Freq 2.59299 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.3 dB, Center 2.592 99 GHz, Span 100 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (500 pts).

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5.45. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:532998, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:133, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2664.99	99	26	1	Peak	47.67	50.71	50	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'dB/Offst' and the x-axis is 'Center'. The plot shows a signal with a peak at approximately 2.66499 GHz. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen.

Occupied Bandwidth 47.6670 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

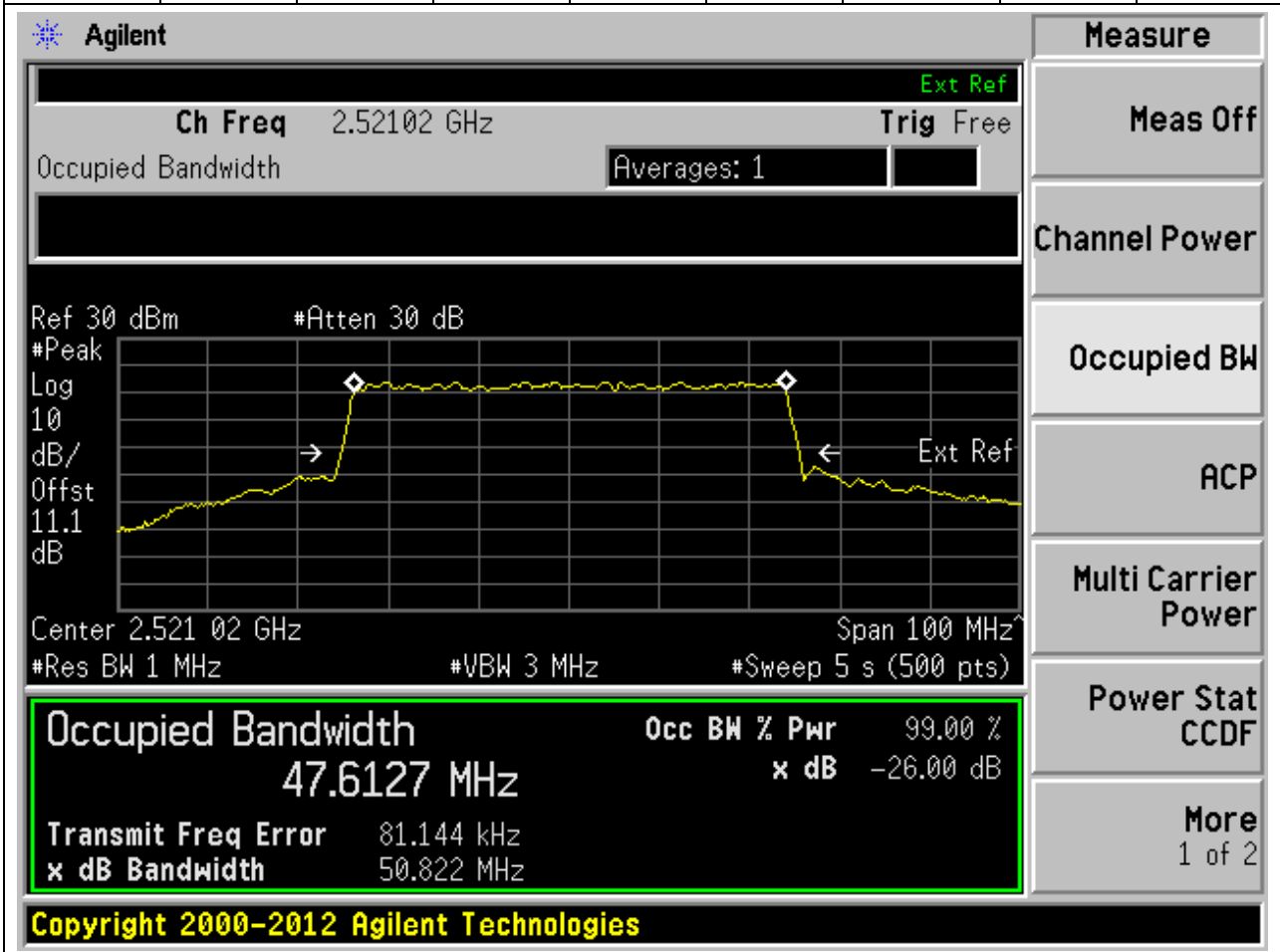
Transmit Freq Error -169.435 kHz

x dB Bandwidth 50.714 MHz

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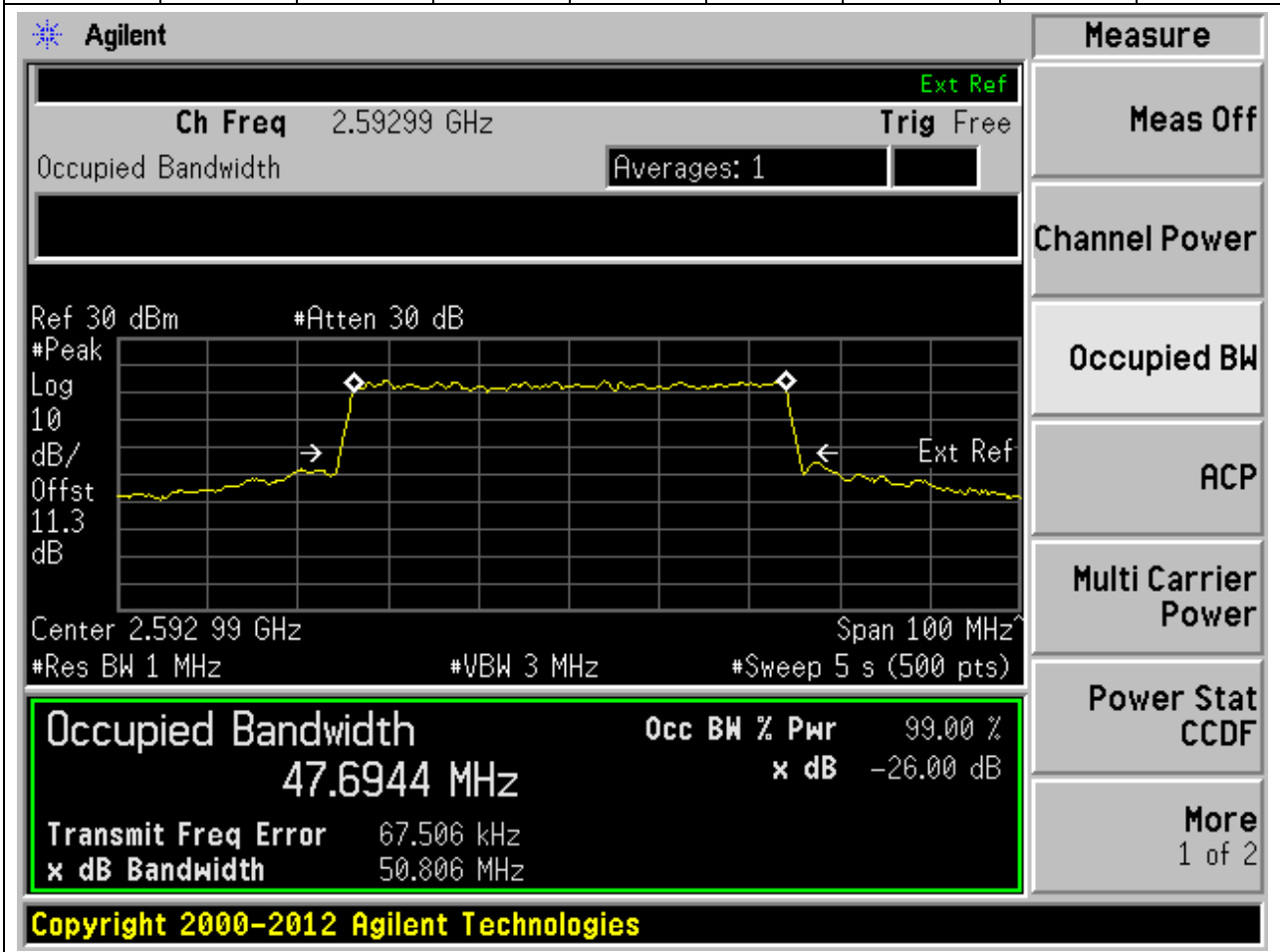
5.46. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:504204, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:133, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2521.02	99	26	1	Peak	47.61	50.82	50	Pass



5.47. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:133, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	47.69	50.81	50	Pass



5.48. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:532998, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:133, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2664.99	99	26	1	Peak	47.58	50.62	50	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 2.66499 GHz. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'dB/Offst' with a value of 11.3 dB. The x-axis is labeled 'Center' with a value of 2.664 99 GHz and 'Span' with a value of 100 MHz. The plot shows a signal with a peak at approximately 2.66499 GHz. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen, showing a value of 47.5833 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -42.664 kHz and the 'x dB Bandwidth' is 50.624 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom of the screen.

Occupied Bandwidth	Occ BW % Pwr	x dB
47.5833 MHz	99.00 %	-26.00 dB

5.49. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:505200, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:162, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2526	99	26	1	Peak	57.79	60.98	60	Pass

Agilent
Measure

Ch Freq 2.526 GHz Trig Free

Occupied Bandwidth Averages: 1

Ext Ref

Ref 30 dBm #Atten 30 dB

Center 2.526 00 GHz Span 120 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
57.7866 MHz	x dB	-26.00 dB
Transmit Freq Error	42.803 kHz	
x dB Bandwidth	60.981 MHz	

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

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5.50. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:162, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	57.88	60.99	60	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 2.59299 GHz. The main display shows a spectrum plot with a yellow trace 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 '#Peak Log 10 dB/Offst 11.3 dB'. The x-axis shows a center frequency of 2.59299 GHz and a span of 120 MHz. The resolution bandwidth is 1 MHz, the video bandwidth is 3 MHz, and the sweep time is 5 seconds (600 points). A green box highlights the measurement results: Occupied Bandwidth is 57.8780 MHz, Occ BW % Pwr is 99.00%, and x dB is -26.00 dB. Other parameters shown include Transmit Freq Error of 29.567 kHz and x dB Bandwidth of 60.990 MHz. The interface also includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen displays the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

5.51. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:531996, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:162, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2659.98	99	26	1	Peak	57.79	60.86	60	Pass

Agilent
Measure

Ch Freq 2.65998 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.659 98 GHz Span 120 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

57.7903 MHz

Transmit Freq Error -88.190 kHz

x dB Bandwidth 60.855 MHz

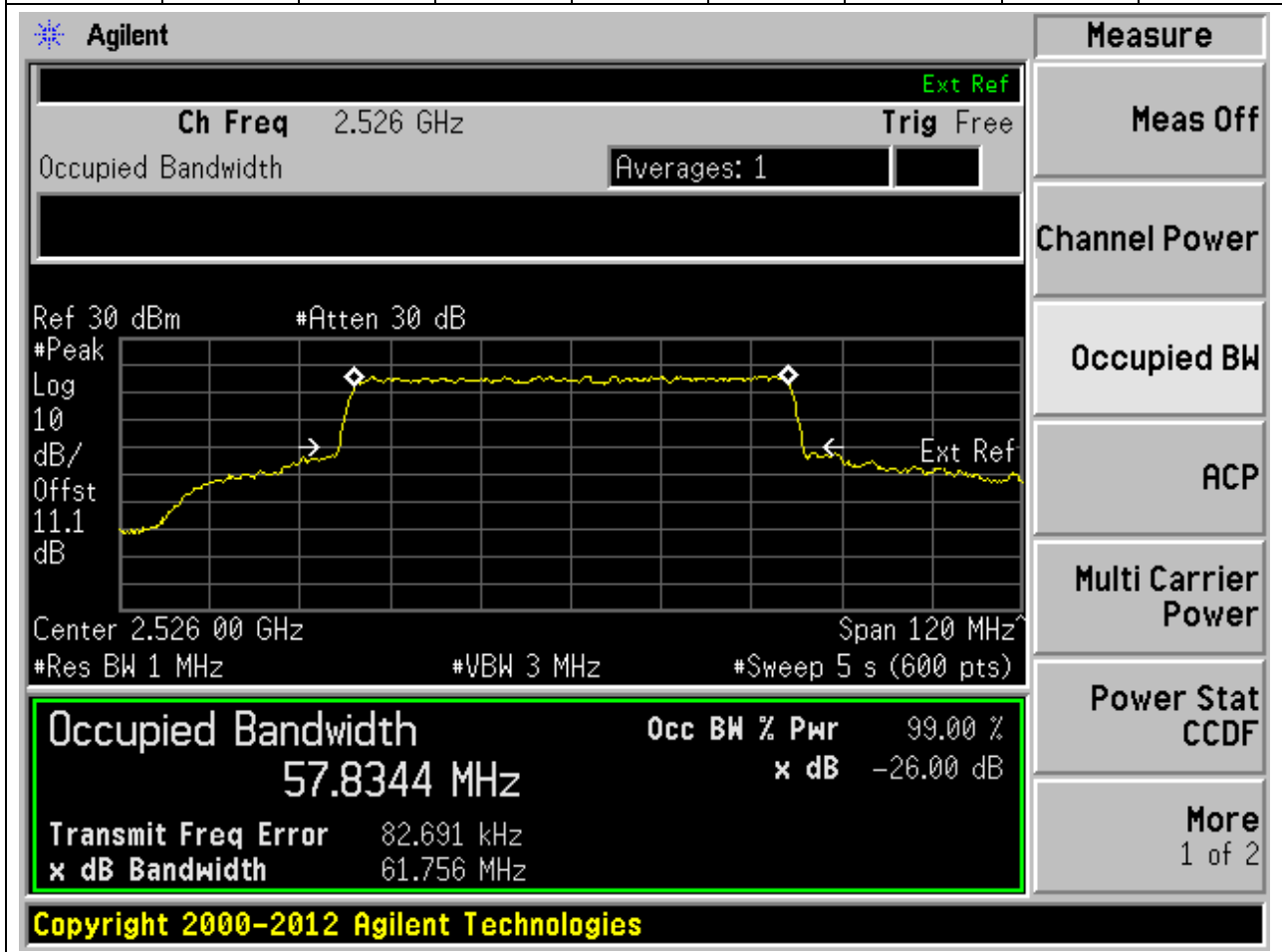
Occ BW % Pwr 99.00 %

x dB -26.00 dB

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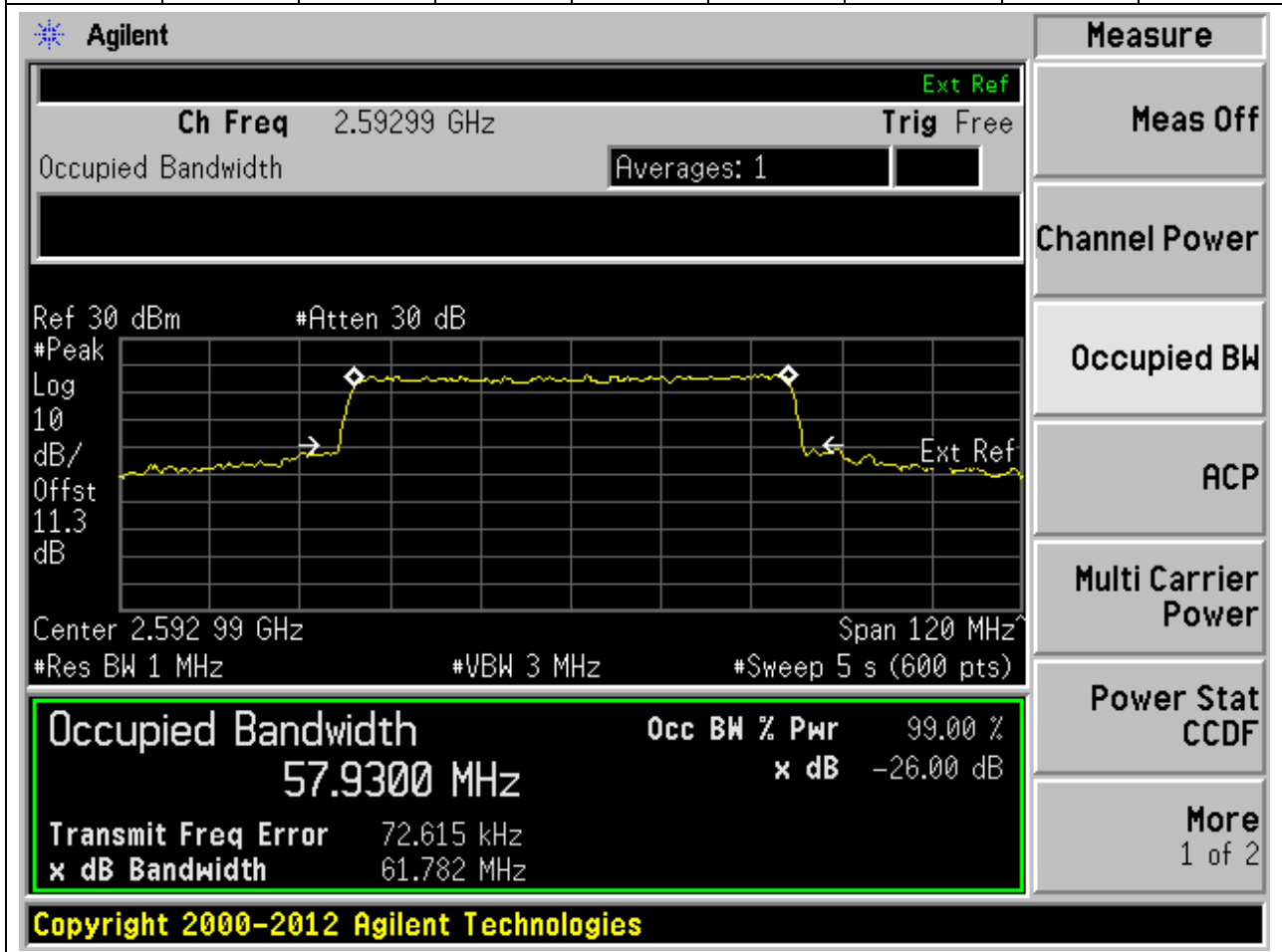
5.52. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:505200, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:162, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2526	99	26	1	Peak	57.83	61.76	60	Pass



5.53. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:162, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	57.93	61.78	60	Pass



5.54. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:531996, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:162, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2659.98	99	26	1	Peak	57.86	61.63	60	Pass

Agilent

Ch Freq 2.65998 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.659 98 GHz Span 120 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
57.8609 MHz	x dB	-26.00 dB
Transmit Freq Error		-62.821 kHz
x dB Bandwidth		61.629 MHz

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Measure

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

5.55. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:505200, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:162, RB Position:0)

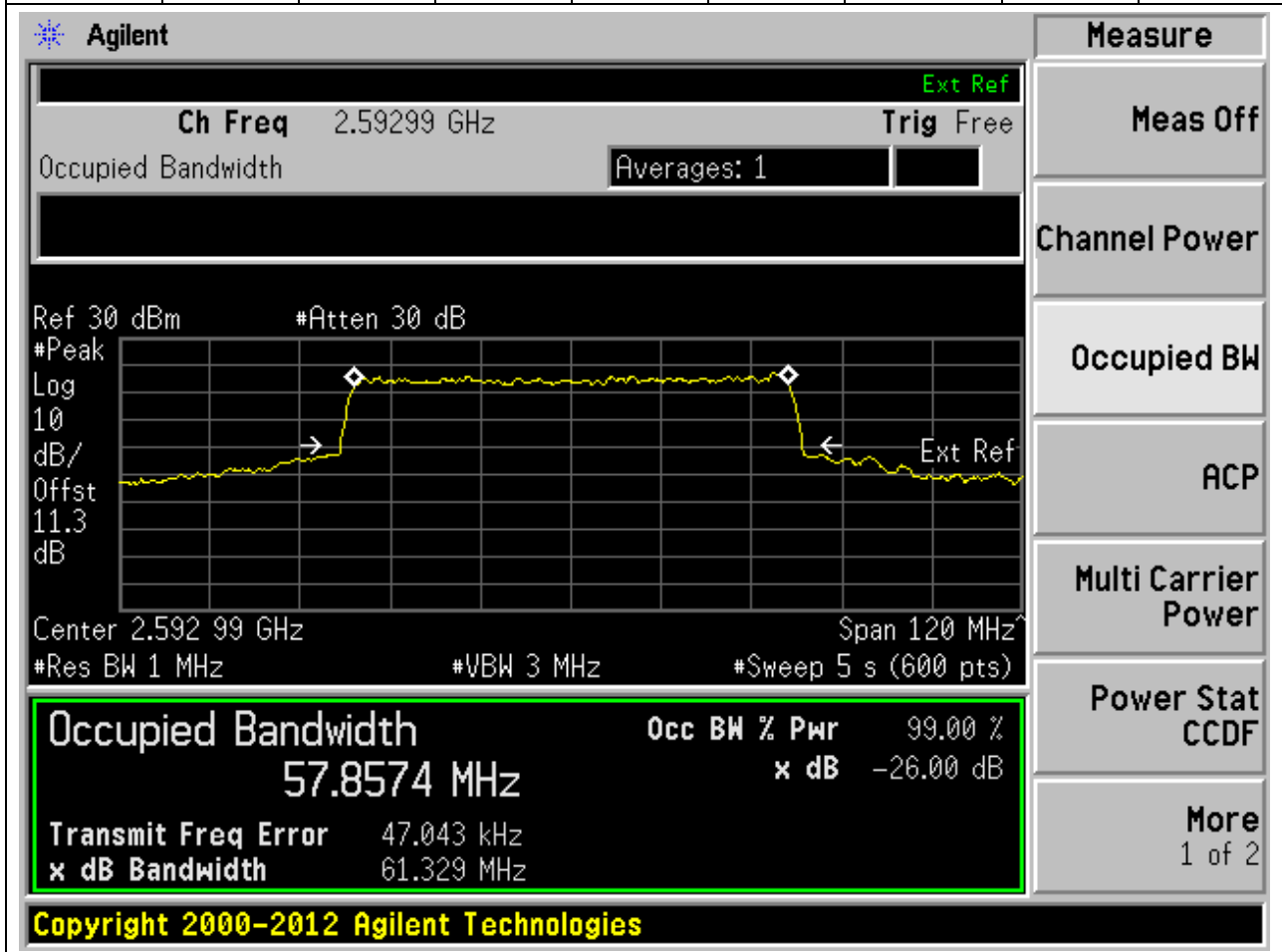
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2526	99	26	1	Peak	57.78	61.33	60	Pass

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' and the x-axis is 'MHz'. 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 57.7834 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is 73.810 kHz and the 'x dB Bandwidth' is 61.328 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Occupied Bandwidth	Occ BW % Pwr
57.7834 MHz	99.00 %
Transmit Freq Error	x dB
73.810 kHz	-26.00 dB
x dB Bandwidth	
61.328 MHz	

5.56. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:162, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	57.86	61.33	60	Pass



5.57. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:531996, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:162, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2659.98	99	26	1	Peak	57.74	61.35	60	Pass

Agilent
Measure

Ch Freq 2.65998 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.659 98 GHz Span 120 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

57.7437 MHz

Transmit Freq Error -92.275 kHz

x dB Bandwidth 61.348 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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5.58. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:505200, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:162, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2526	99	26	1	Peak	57.98	61.07	60	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.526 GHz, and the span is 120 MHz. The occupied bandwidth is highlighted in a green box at the bottom of the screen.

Occupied Bandwidth Measurement Results:

Occupied Bandwidth	Occ BW % Pwr
57.9764 MHz	99.00 %
x dB Bandwidth	x dB
61.071 MHz	-26.00 dB

Other parameters shown in the screenshot include: Center 2.526 00 GHz, Span 120 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (600 pts), Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 11.1 dB, and Transmit Freq Error -105.211 kHz.

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5.59. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:162, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	58.06	61.13	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' and the x-axis is 'MHz'. The plot shows a signal with a flat top and sloped sides, characteristic of a channel. Two white diamonds mark the upper and lower bounds of the signal. The text 'Ext Ref' is visible on the right side of the plot.

Below the plot, the following parameters are displayed:

- Center 2.592 99 GHz
- Span 120 MHz
- #Res BW 1 MHz
- #VBW 3 MHz
- #Sweep 5 s (600 pts)

A summary box at the bottom of the screen contains the following data:

Occupied Bandwidth	Occ BW % Pwr	99.00 %
58.0597 MHz	x dB	-26.00 dB
Transmit Freq Error		-108.755 kHz
x dB Bandwidth		61.126 MHz

On the right side of the interface, there is a vertical menu with the following options:

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

At the bottom of the screen, the text 'Copyright 2000-2012 Agilent Technologies' is displayed.

5.60. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:531996, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:162, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2659.98	99	26	1	Peak	57.88	61.05	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' and ranges from 10 to 11.3. The x-axis is labeled 'Center' and ranges from 2.659 98 GHz to Span 120 MHz. The plot shows a signal with a peak at approximately 2.659 98 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 57.8760 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -238.639 kHz and the 'x dB Bandwidth' is 61.052 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Occupied Bandwidth	Occ BW % Pwr	x dB
57.8760 MHz	99.00 %	-26.00 dB

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5.61. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:506202, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:189, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2531.01	99	26	1	Peak	67.43	70.92	70	Pass

Agilent

Ch Freq 2.53101 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.1 dB

Center 2.531 01 GHz Span 140 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %
67.4298 MHz x dB -26.00 dB

Transmit Freq Error 240.688 Hz
 x dB Bandwidth 70.923 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

5.62. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:189, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	67.51	70.75	70	Pass

Agilent
Measure

Ch Freq 2.59299 GHz Trig Free

Occupied Bandwidth Averages: 1

Ext Ref

Ref 30 dBm #Atten 30 dB

Center 2.592 99 GHz Span 140 MHz

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

Occupied Bandwidth

67.5065 MHz

Transmit Freq Error -7.822 kHz

x dB Bandwidth 70.752 MHz

Occ BW % Pwr 99.00 %

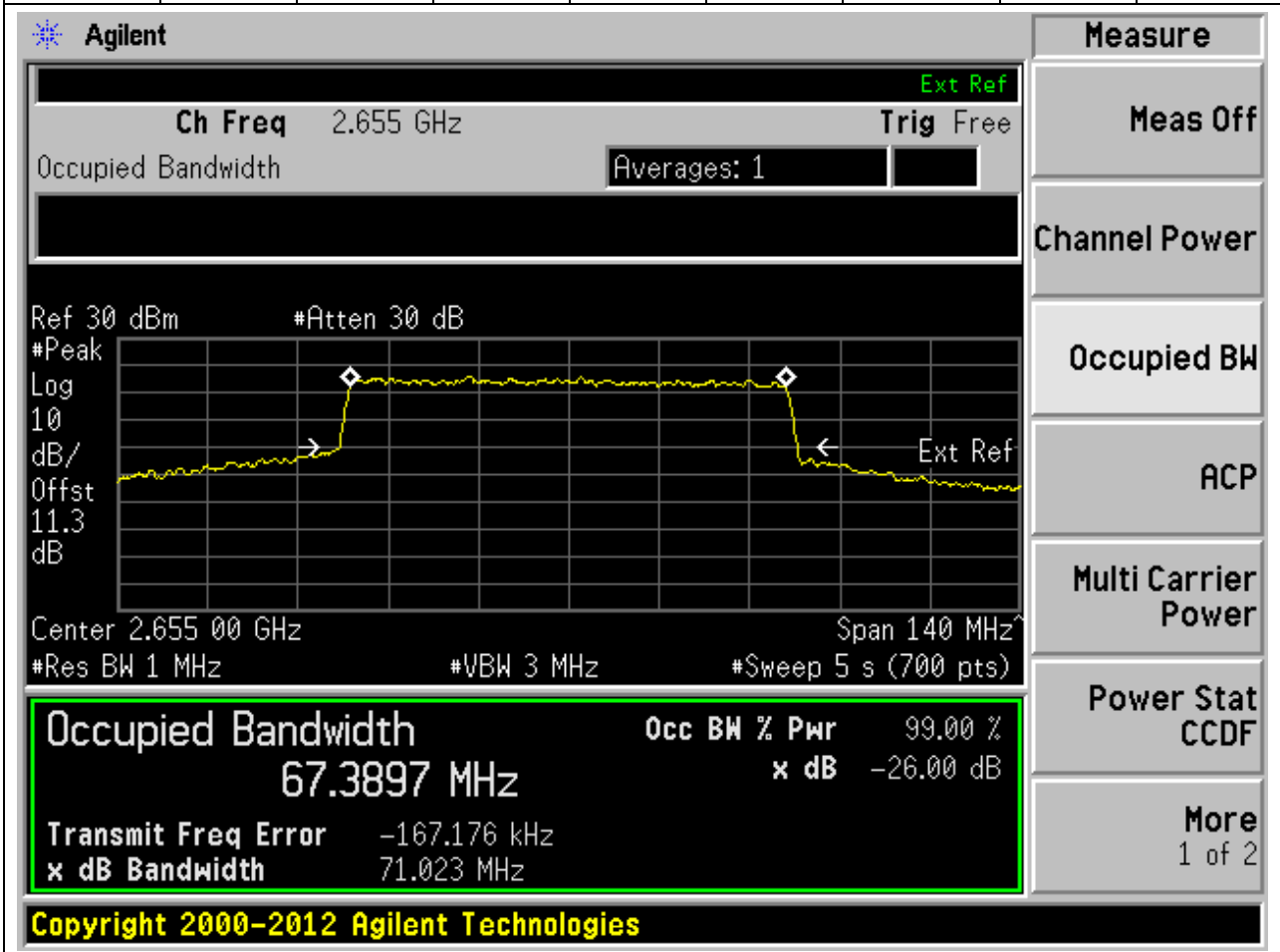
x dB -26.00 dB

More
1 of 2

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5.63. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:531000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:189, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2655	99	26	1	Peak	67.39	71.02	70	Pass



5.64. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:506202, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:189, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2531.01	99	26	1	Peak	67.43	70.76	70	Pass

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

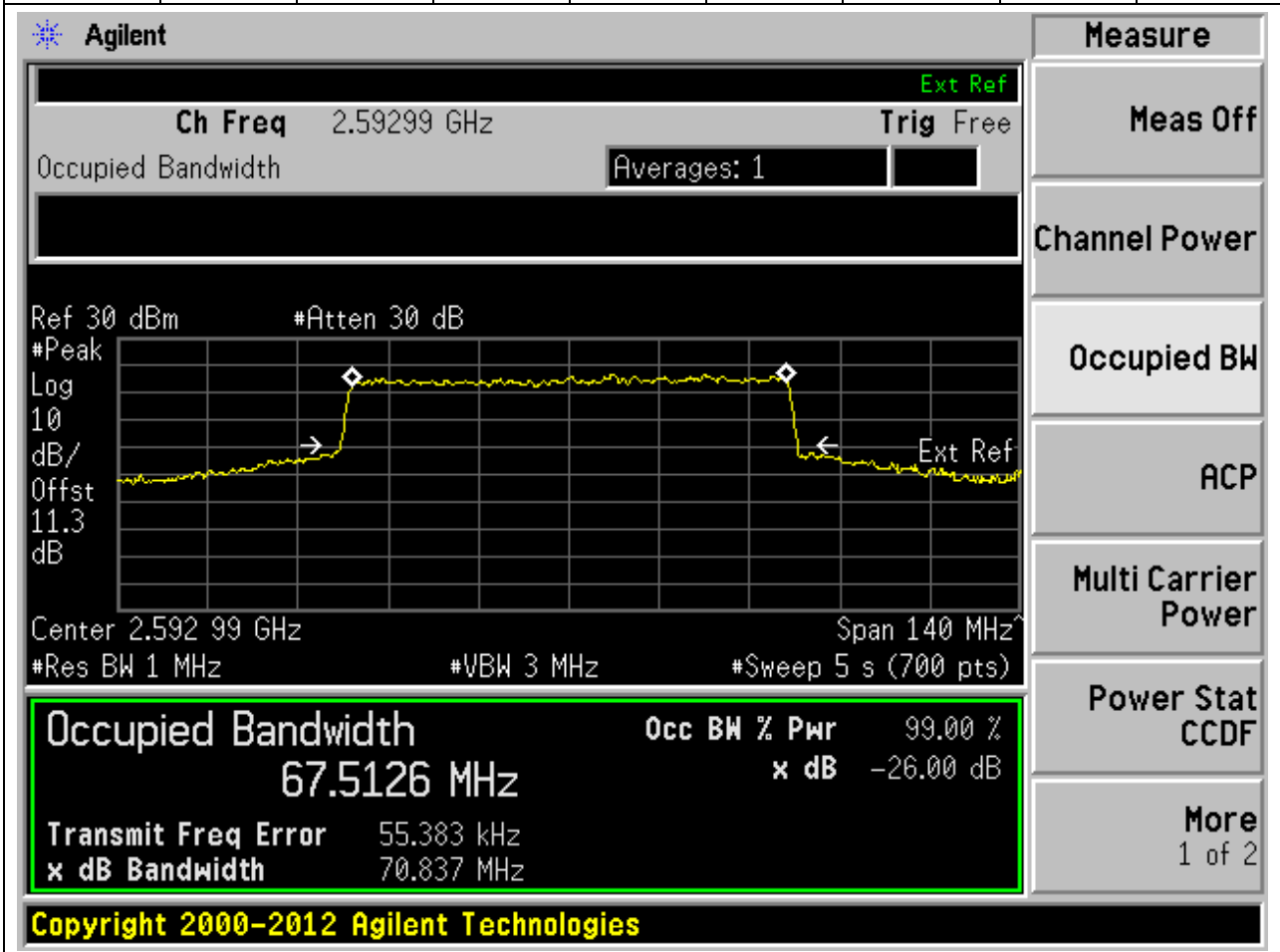
Measurement	Value
Occupied Bandwidth	67.4269 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	66.722 kHz
x dB Bandwidth	70.759 MHz

Other visible parameters include: Ch Freq 2.53101 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst, 11.1 dB, Center 2.531 01 GHz, Span 140 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (700 pts).

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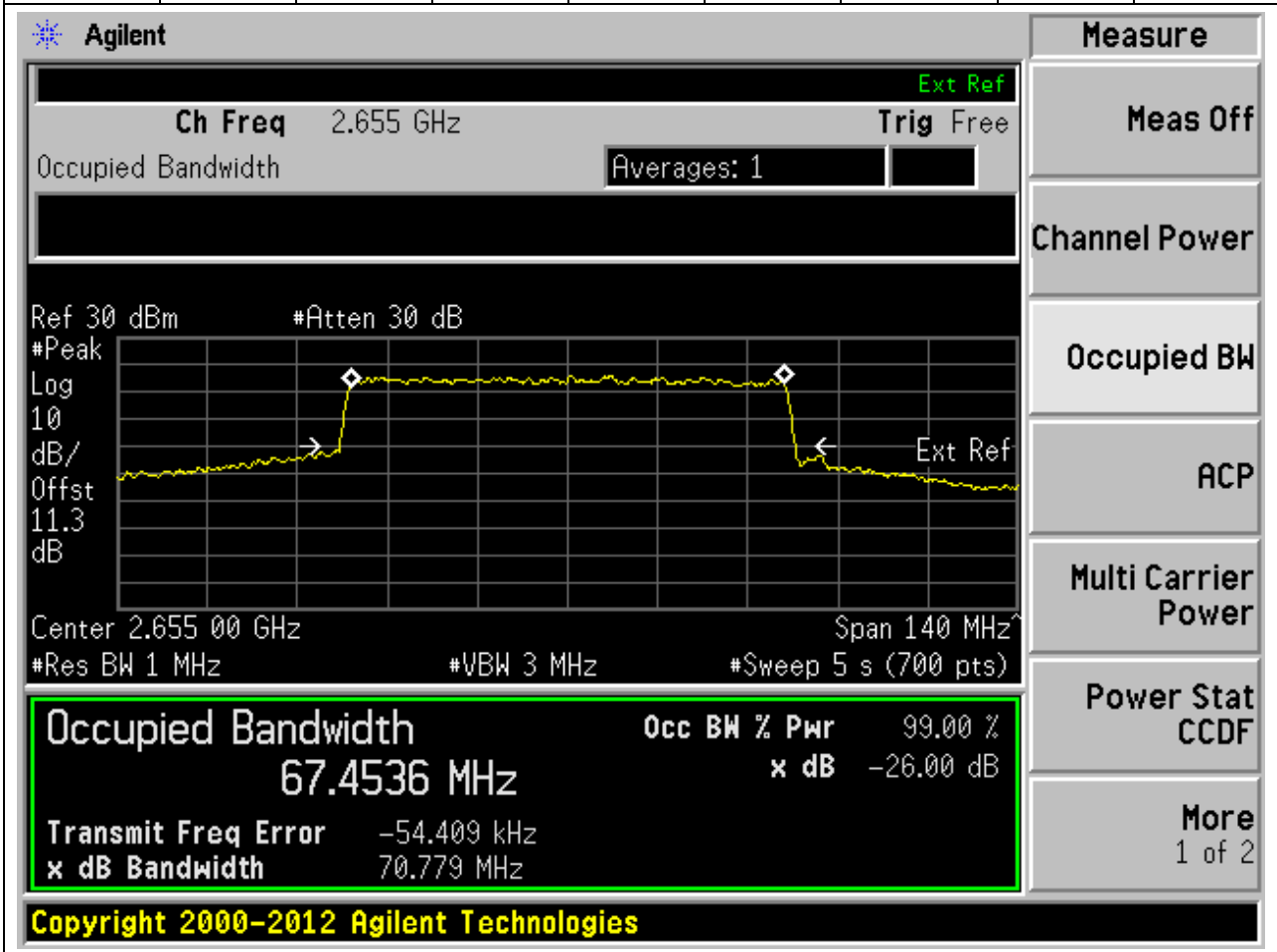
5.65. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:189, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	67.51	70.84	70	Pass



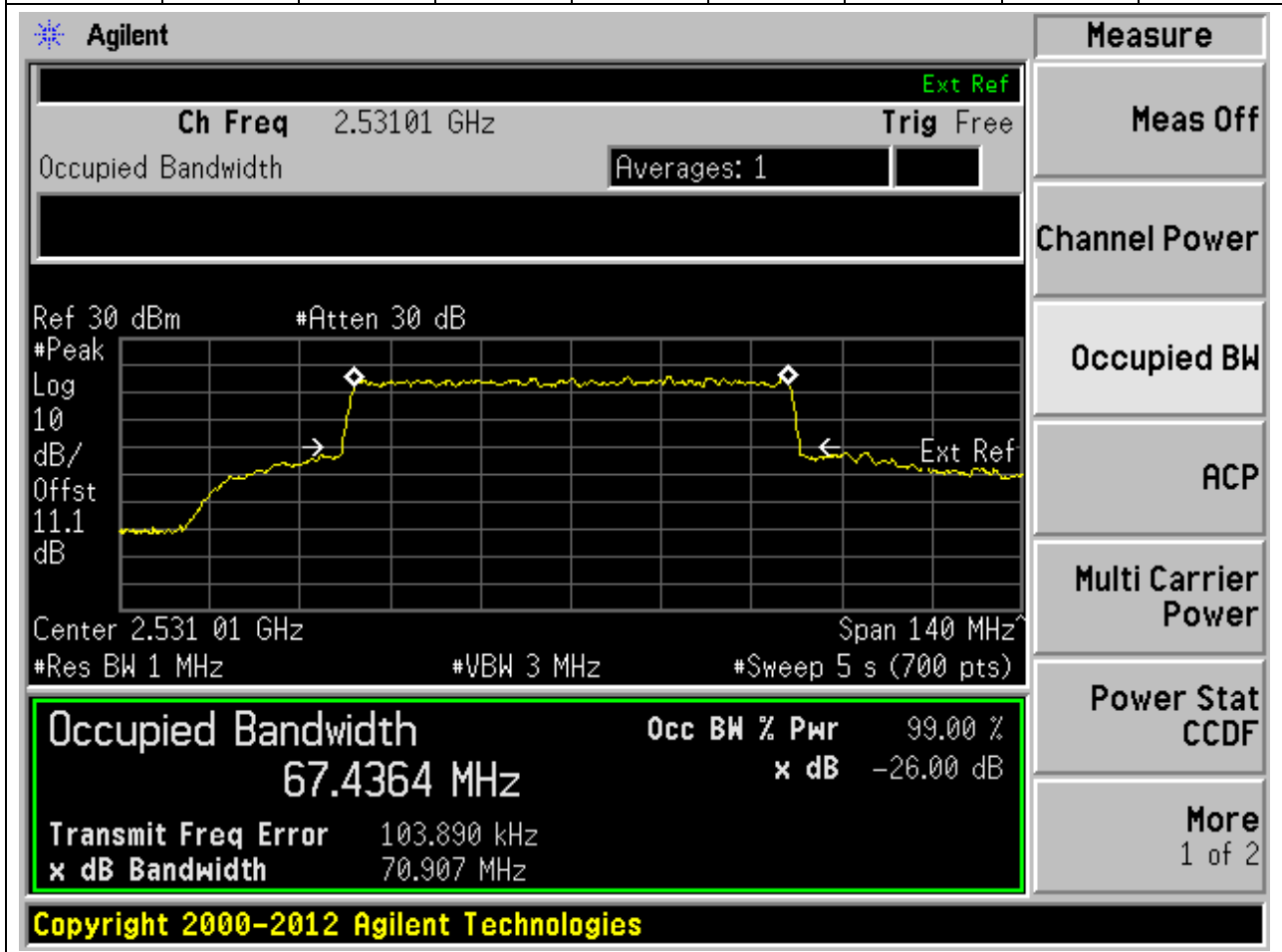
5.66. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:531000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:189, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2655	99	26	1	Peak	67.45	70.78	70	Pass



5.67. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:506202, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:189, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2531.01	99	26	1	Peak	67.44	70.91	70	Pass



5.68. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:189, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	67.51	70.64	70	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'dB/Offst' and the x-axis is 'Center'. 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.

Occupied Bandwidth 67.5104 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 98.645 kHz

x dB Bandwidth 70.640 MHz

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5.69. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:531000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:189, RB Position:0)

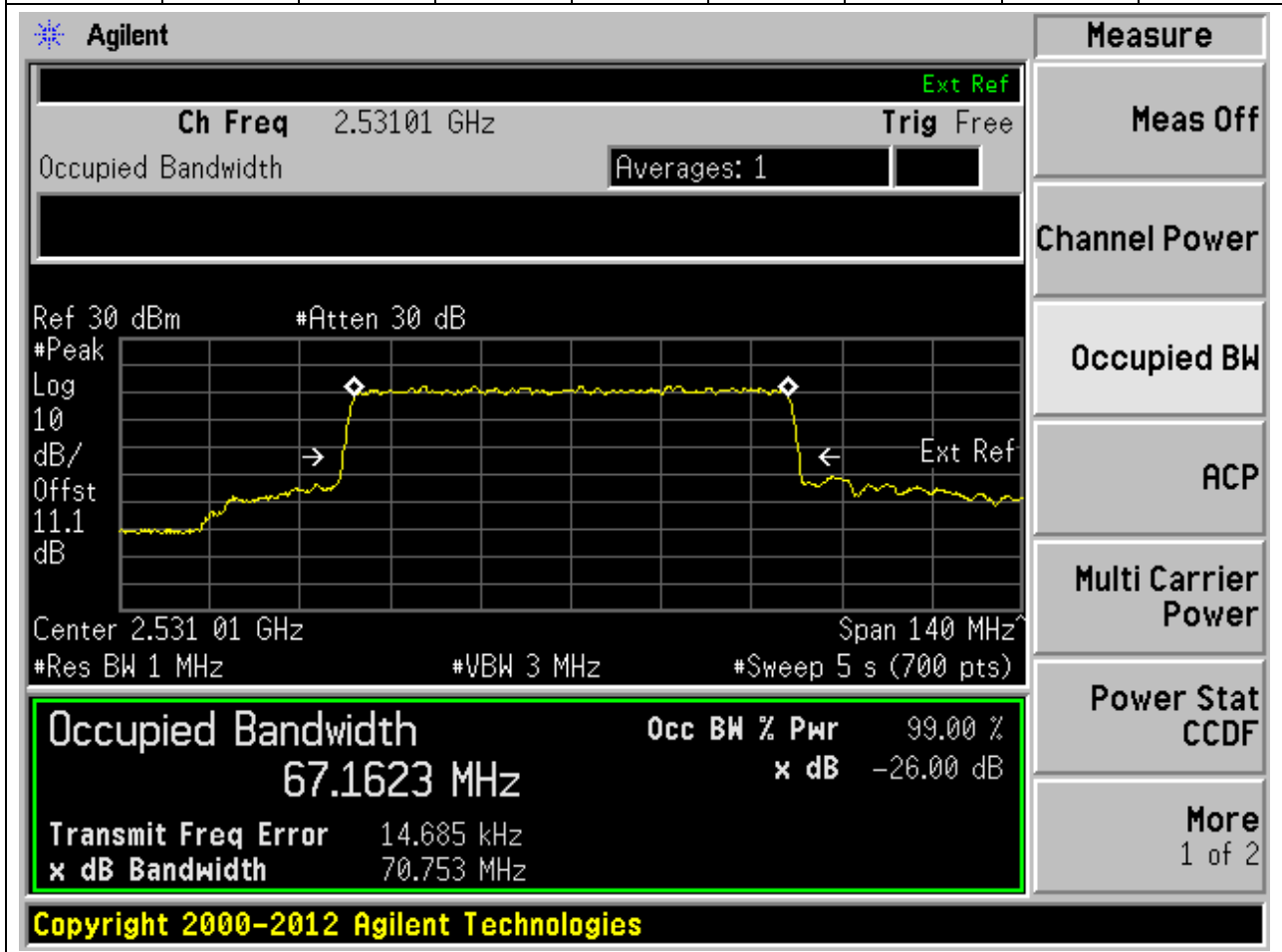
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2655	99	26	1	Peak	67.44	70.78	70	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.655 GHz, and the span is 140 MHz. The occupied bandwidth is measured as 67.4423 MHz, which is 99.00% of the channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -36.375 kHz, and the XdB bandwidth is 70.778 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'. The bottom of the screen shows the copyright information: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
67.4423 MHz	x dB	-26.00 dB
Transmit Freq Error		-36.375 kHz
x dB Bandwidth		70.778 MHz

5.70. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:506202, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:189, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2531.01	99	26	1	Peak	67.16	70.75	70	Pass



5.71. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:189, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	67.27	70.66	70	Pass

Agilent
Measure

Ch Freq 2.59299 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.592 99 GHz Span 140 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

67.2674 MHz

Transmit Freq Error 14.410 kHz

x dB Bandwidth 70.662 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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5.72. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:531000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:189, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2655	99	26	1	Peak	67.11	70.72	70	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.655 GHz, and the span is 140 MHz. The occupied bandwidth is measured as 67.1069 MHz, which is 99.00% of the channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -146.419 kHz, and the x dB bandwidth is 70.716 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'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
67.1069 MHz	x dB	-26.00 dB
Transmit Freq Error		-146.419 kHz
x dB Bandwidth		70.716 MHz

5.73. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:507204, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:217, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2536.02	99	26	1	Peak	77.3	81.07	80	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is titled 'Occupied Bandwidth' and shows a signal centered at 2.53602 GHz. The plot parameters include: Center 2.536 02 GHz, Span 160 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (800 pts). The plot shows a signal with a peak level of approximately 11.1 dB and a bandwidth of 77.2963 MHz. The plot also shows a reference level of 30 dBm and an attenuation of 30 dB. The plot is labeled 'Ext Ref'.

The measurement results are displayed in a table at the bottom of the screen:

Occupied Bandwidth	Occ BW % Pwr	x dB
77.2963 MHz	99.00 %	-26.00 dB

Additional measurement data is shown below the table:

Transmit Freq Error	26.994 kHz
x dB Bandwidth	81.074 MHz

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

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5.74. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:217, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	77.48	80.9	80	Pass

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

Measurement	Value
Occupied Bandwidth	77.4798 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	74.674 kHz
x dB Bandwidth	80.899 MHz

Other visible parameters include: Ch Freq 2.59299 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst 11.3 dB, Center 2.592 99 GHz, Span 160 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (800 pts).

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5.75. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:529998, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:217, RB Position:0)

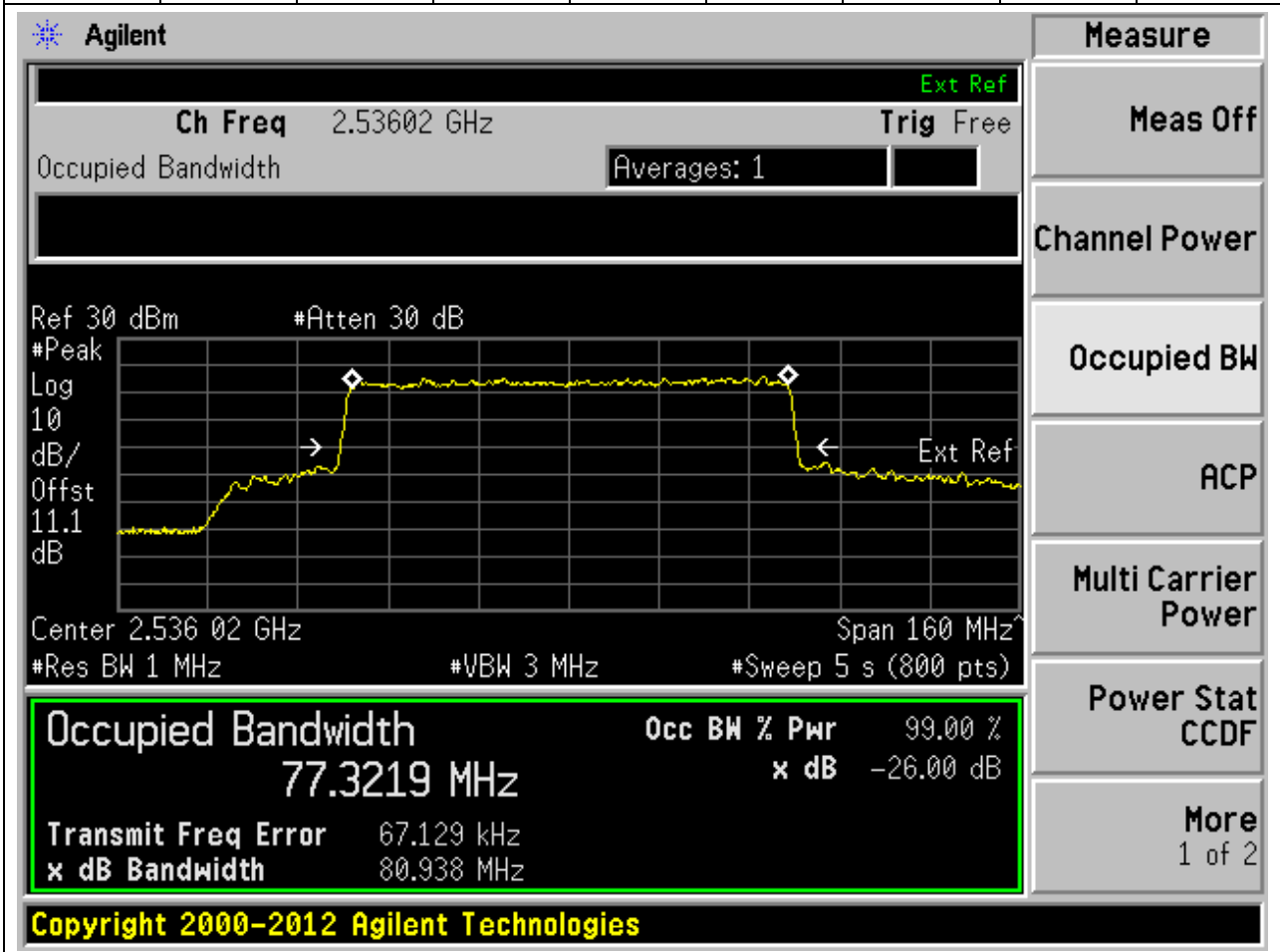
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2649.99	99	26	1	Peak	77.23	80.95	80	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 2.64999 GHz. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'dB/Offst' and the x-axis is 'Center'. The plot shows a signal with a peak at approximately 2.64999 GHz. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen, showing a value of 77.2261 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -174.218 kHz and the 'x dB Bandwidth' is 80.949 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Occupied Bandwidth	Occ BW % Pwr	x dB
77.2261 MHz	99.00 %	-26.00 dB

5.76. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:507204, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:217, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2536.02	99	26	1	Peak	77.32	80.94	80	Pass



5.77. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:217, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	77.41	80.84	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 approximately 2.59299 GHz. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen.

Occupied Bandwidth 77.4138 MHz

Occ BW % Pwr 99.00 %

x dB Bandwidth 80.844 MHz

x dB -26.00 dB

Transmit Freq Error 40.764 kHz

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5.78. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:529998, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:217, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2649.99	99	26	1	Peak	77.24	80.83	80	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 2.64999 GHz' and 'Trig Free'. The 'Occupied Bandwidth' measurement is highlighted with a green box, showing a value of 77.2448 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. Other parameters include 'Transmit Freq Error -116.117 kHz' and 'x dB Bandwidth 80.827 MHz'. The graph shows a signal with a peak at the center frequency and a reference level marked 'Ext Ref'. The y-axis is labeled 'dB/Offst 11.3 dB' and the x-axis is 'Span 160 MHz'.

Occupied Bandwidth	Occ BW % Pwr
77.2448 MHz	99.00 %
	x dB -26.00 dB

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5.79. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:507204, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:217, RB Position:0)

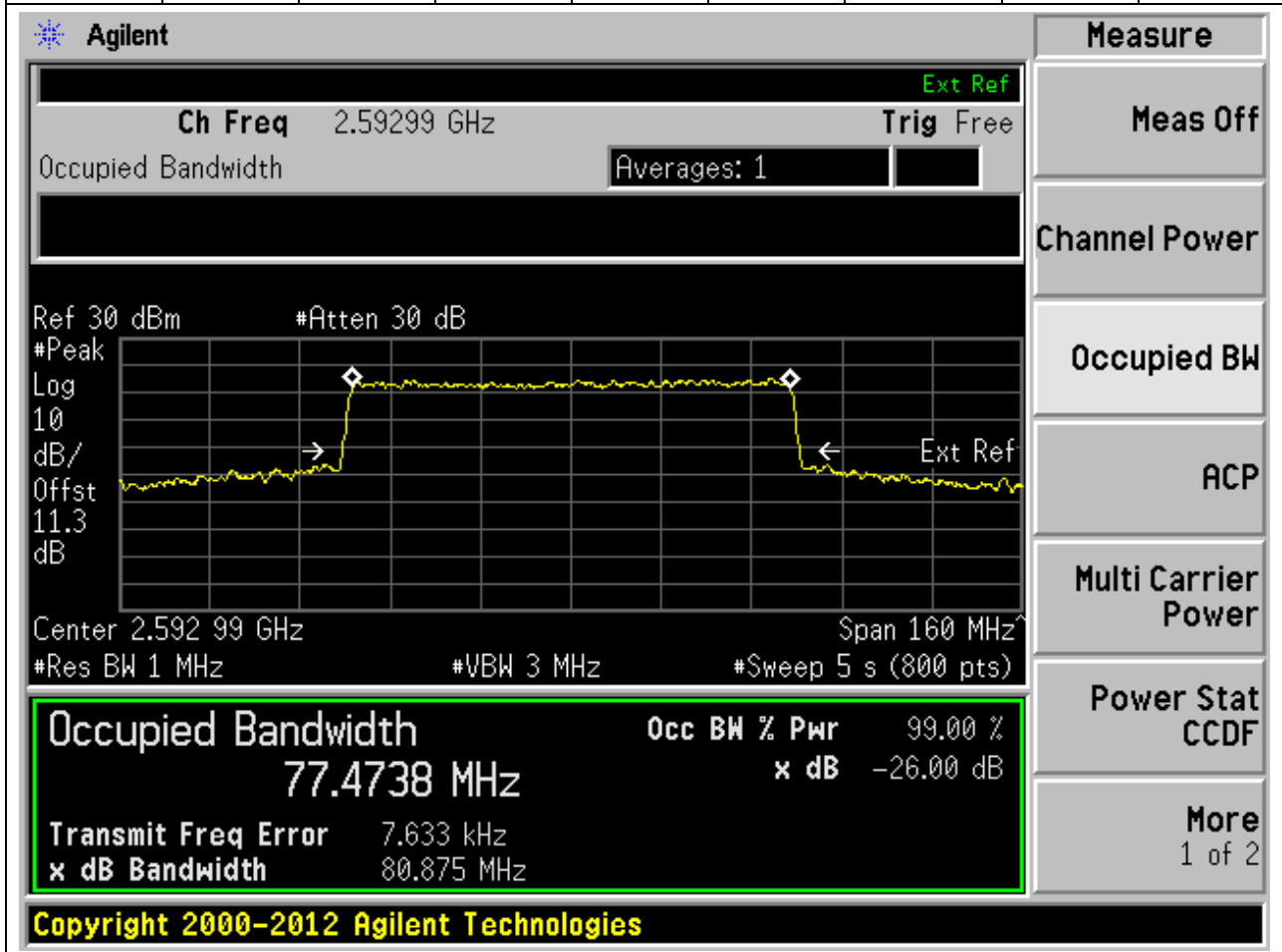
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2536.02	99	26	1	Peak	77.41	80.99	80	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 2.53602 GHz. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'dB/Offst' and the x-axis is 'Center 2.536 02 GHz'. The plot shows a signal with a peak at approximately 2.536 GHz. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen, showing a value of 77.4102 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is 22.758 kHz and the 'x dB Bandwidth' is 80.987 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Occupied Bandwidth	Occ BW % Pwr
77.4102 MHz	99.00 %
Transmit Freq Error	x dB
22.758 kHz	-26.00 dB
x dB Bandwidth	
80.987 MHz	

5.80. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:217, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	77.47	80.87	80	Pass



5.81. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:529998, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:217, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2649.99	99	26	1	Peak	77.28	80.91	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 2.64999 GHz and a span of 160 MHz. The vertical axis is labeled 'dB/Offst' with a value of 11.3 dB. The horizontal axis is labeled 'MHz' with a value of 77.2790 MHz. The plot shows a signal with a peak at approximately 2.64999 GHz. 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 5 seconds (800 points). The signal is measured with a reference level of 30 dBm and an attenuation of 30 dB. The signal is measured with an external reference (Ext Ref) and a trigger set to free. The signal is measured with a channel power of 99.00% and an XdB bandwidth of -26.00 dB. The signal is measured with a transmit frequency error of -158.204 kHz and an XdB bandwidth of 80.911 MHz. The signal is measured with a center frequency of 2.64999 GHz and a span of 160 MHz. The signal is measured with a resolution bandwidth (RBW) of 1 MHz and a video bandwidth (VBW) of 3 MHz. The signal is measured with a sweep time of 5 seconds (800 points). The signal is measured with a reference level of 30 dBm and an attenuation of 30 dB. The signal is measured with an external reference (Ext Ref) and a trigger set to free. The signal is measured with a channel power of 99.00% and an XdB bandwidth of -26.00 dB. The signal is measured with a transmit frequency error of -158.204 kHz and an XdB bandwidth of 80.911 MHz. The signal is measured with a center frequency of 2.64999 GHz and a span of 160 MHz.

Occupied Bandwidth	Occ BW % Pwr	x dB
77.2790 MHz	99.00 %	-26.00 dB

Transmit Freq Error: -158.204 kHz
 x dB Bandwidth: 80.911 MHz

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5.82. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:507204, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:217, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2536.02	99	26	1	Peak	77.38	80.69	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 2.53602 GHz with a span of 160 MHz. The vertical axis is labeled 'dB/Offst' with a value of 11.1 dB. The horizontal axis is labeled 'MHz' with a value of 77.3754 MHz. The plot shows a flat top with a slight dip in the center, indicating a multi-carrier signal. The top of the plot is labeled 'Ext Ref'.

Below the plot, the following parameters are displayed:

- Center: 2.536 02 GHz
- Span: 160 MHz
- #Res BW: 1 MHz
- #VBW: 3 MHz
- #Sweep: 5 s (800 pts)

The measurement results are summarized in the following table:

Measurement	Value
Occupied Bandwidth	77.3754 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	10.993 kHz
x dB Bandwidth	80.689 MHz

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

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5.83. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:217, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	77.45	80.82	80	Pass

Agilent

Ch Freq 2.59299 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.3 dB

Center 2.592 99 GHz Span 160 MHz

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

Occupied Bandwidth 77.4500 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 1.402 kHz

x dB Bandwidth 80.818 MHz

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5.84. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:529998, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:217, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2649.99	99	26	1	Peak	77.28	80.65	80	Pass

Agilent
Measure

Ch Freq 2.64999 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.649 99 GHz Span 160 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

77.2842 MHz

Transmit Freq Error -142.936 kHz

x dB Bandwidth 80.645 MHz

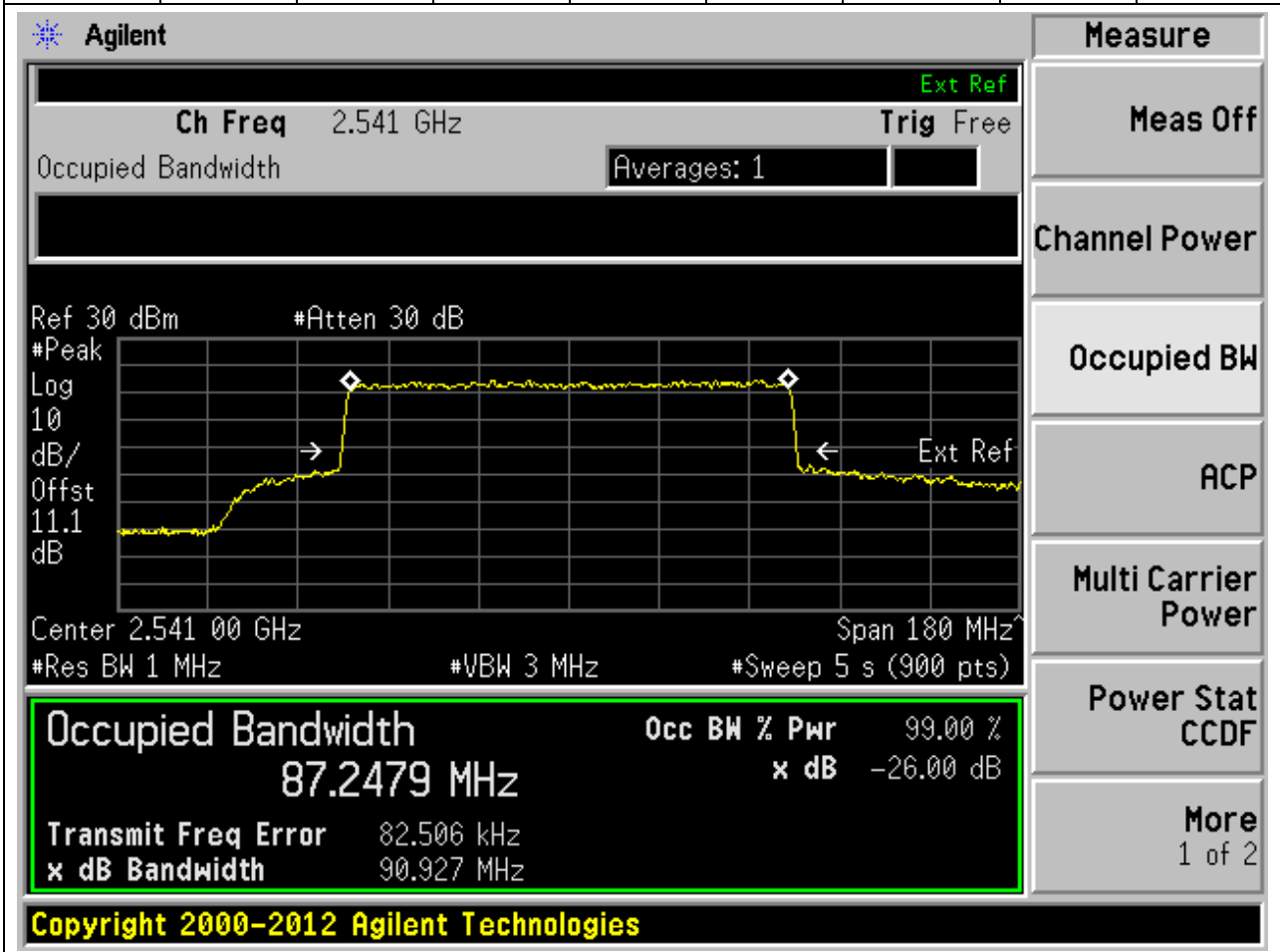
Occ BW % Pwr 99.00 %

x dB -26.00 dB

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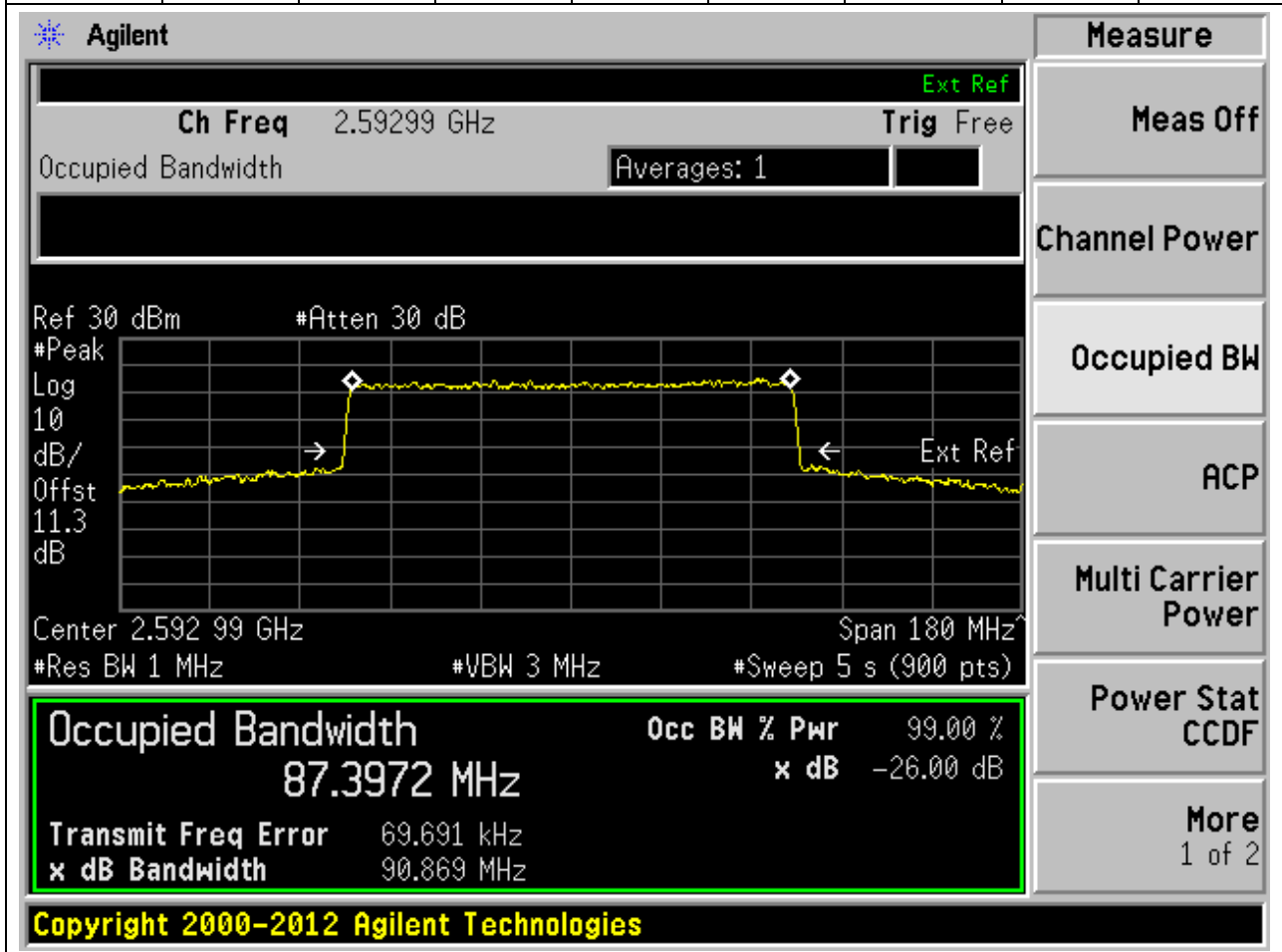
5.85. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:508200, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:245, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2541	99	26	1	Peak	87.25	90.93	90	Pass



5.86. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:245, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	87.4	90.87	90	Pass



5.87. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:528996, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:245, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2644.98	99	26	1	Peak	87.15	90.9	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 87.1472 MHz, which is 99.00% of the 90 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -79.700 kHz, and the x dB bandwidth is 90.899 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'.

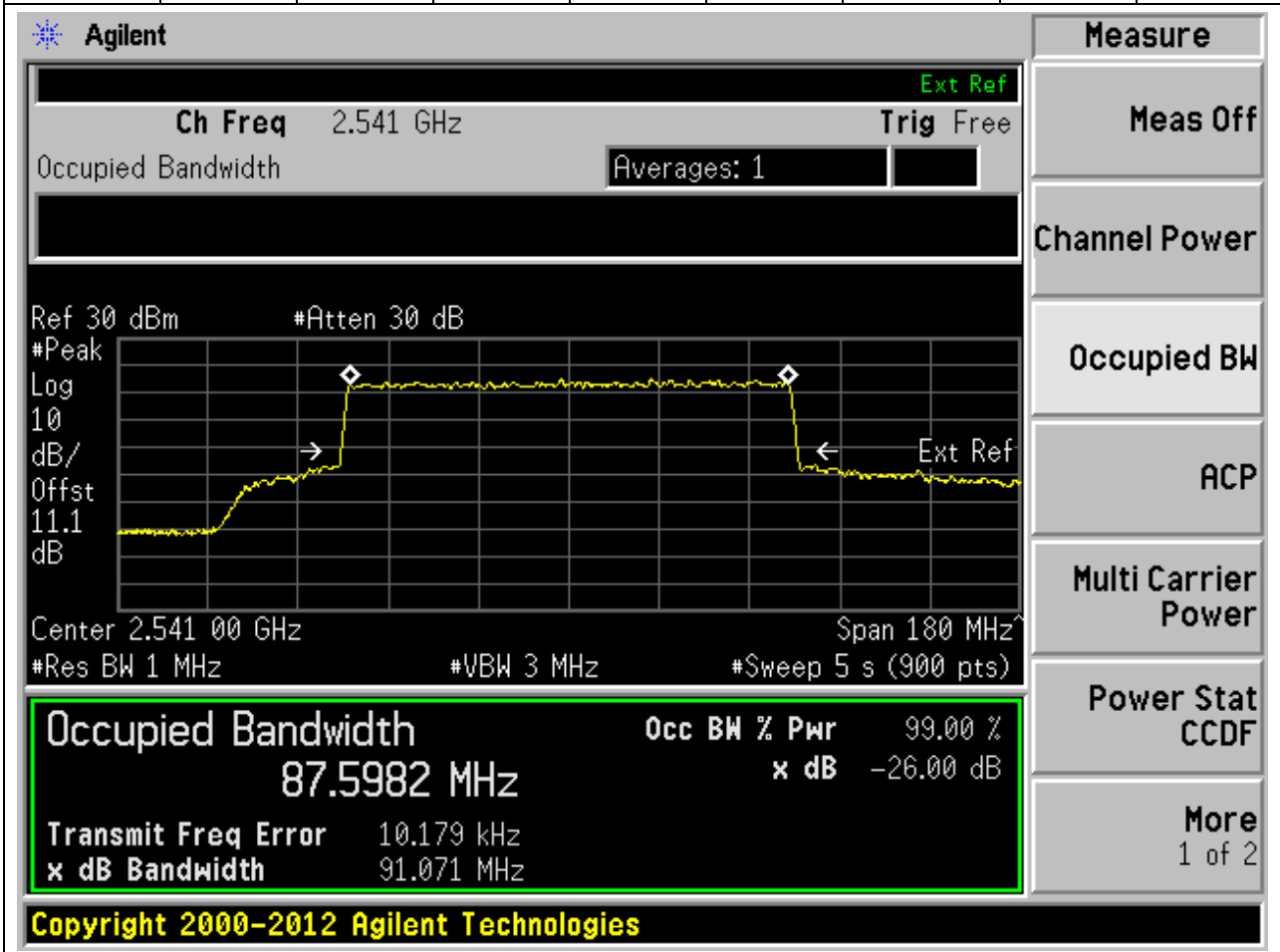
Occupied Bandwidth	Occ BW % Pwr	x dB
87.1472 MHz	99.00 %	-26.00 dB

Transmit Freq Error: -79.700 kHz
x dB Bandwidth: 90.899 MHz

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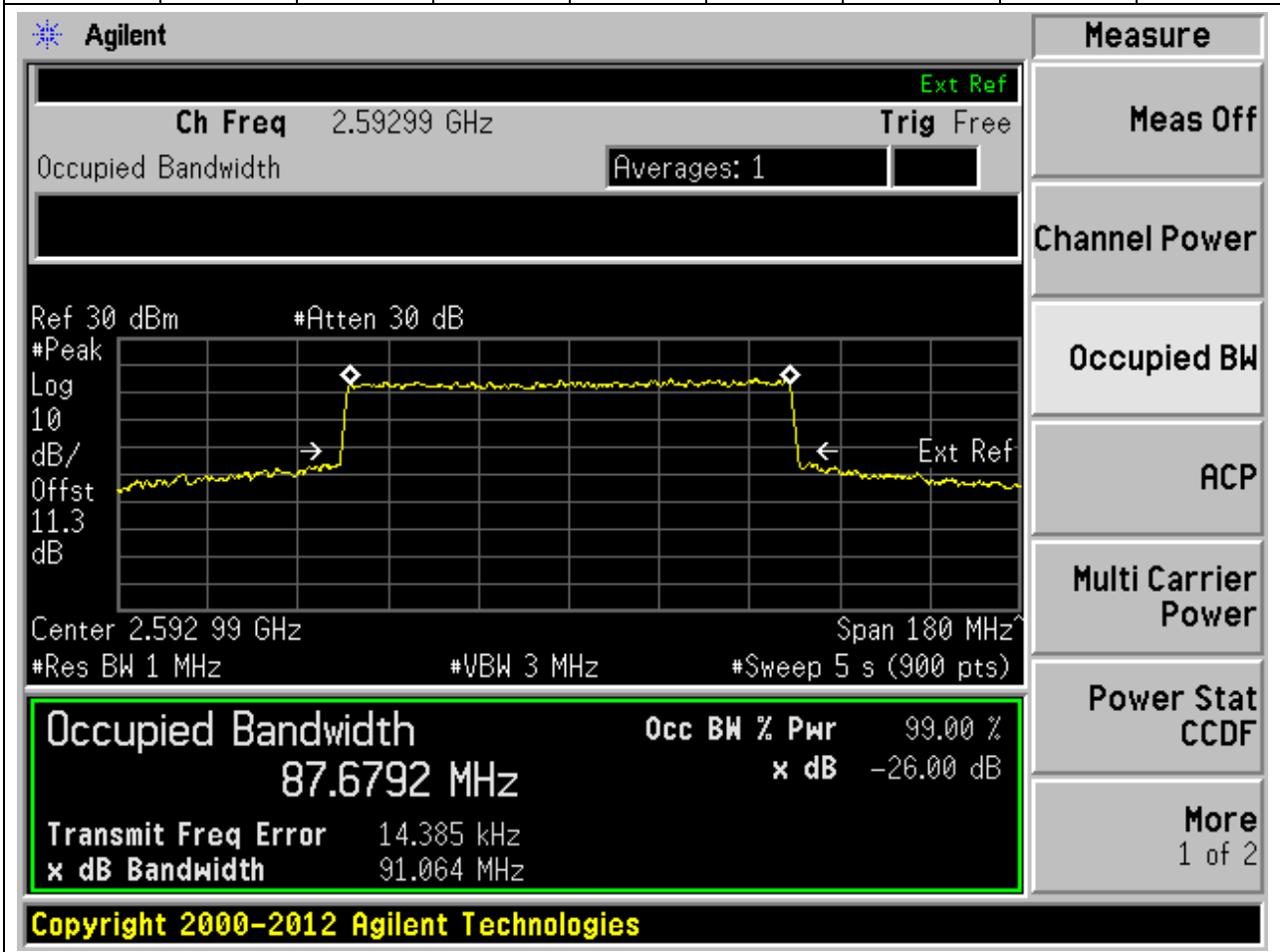
5.88. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:508200, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:245, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2541	99	26	1	Peak	87.6	91.07	90	Pass



5.89. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:245, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	87.68	91.06	90	Pass



5.90. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:528996, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:245, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2644.98	99	26	1	Peak	87.51	90.88	90	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 2.64498 GHz. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen.

Occupied Bandwidth 87.5112 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

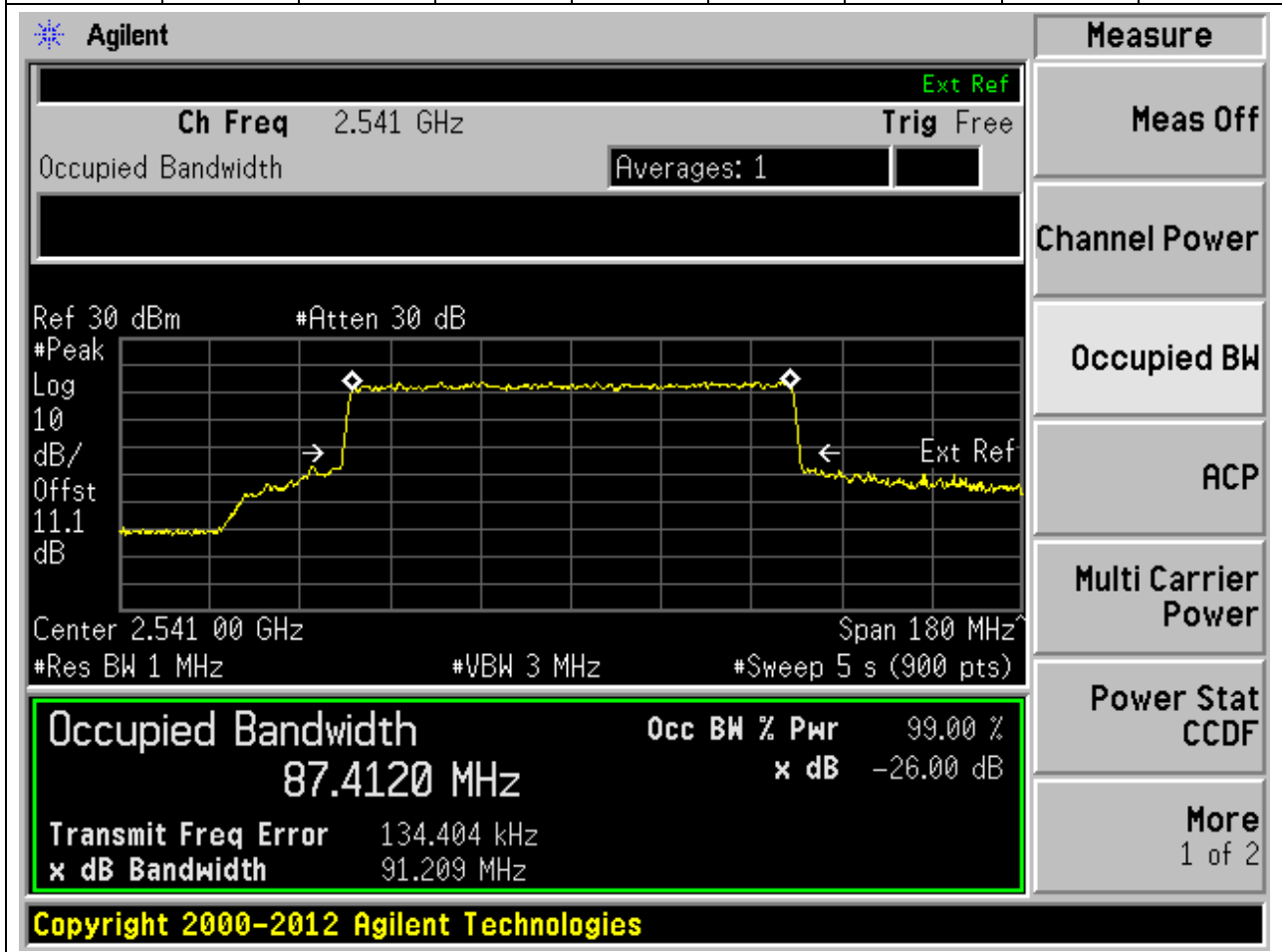
Transmit Freq Error -121.102 kHz

x dB Bandwidth 90.882 MHz

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5.91. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:508200, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:245, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2541	99	26	1	Peak	87.41	91.21	90	Pass



5.92. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:245, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	87.52	91.32	90	Pass

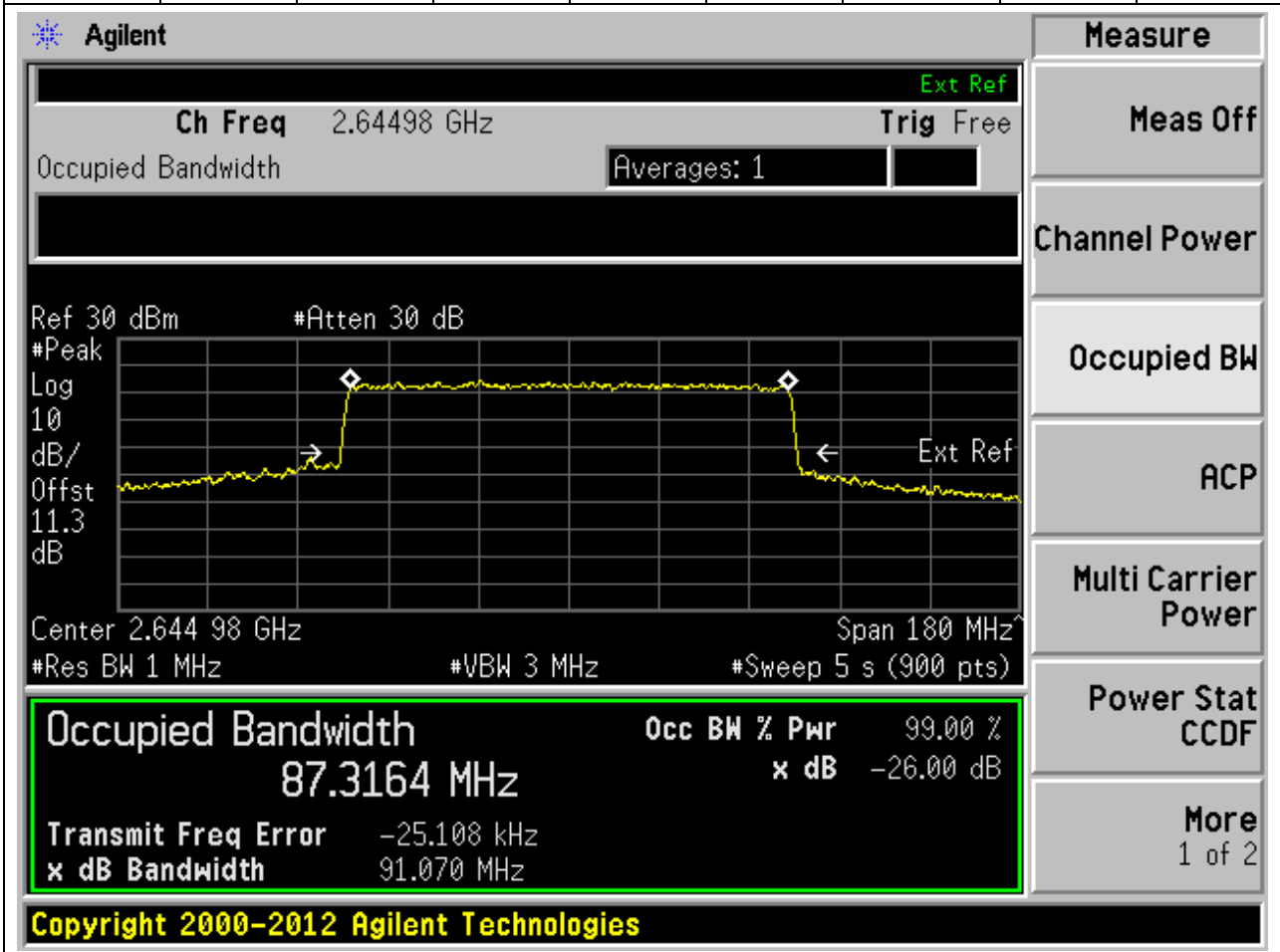
The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 2.59299 GHz. The main display shows a spectrum plot with a yellow trace representing the signal. The plot is set to a reference level of 30 dBm and an attenuation of 30 dB. The y-axis is labeled '#Peak Log 10 dB/Offst 11.3 dB'. The x-axis shows a center frequency of 2.59299 GHz and a span of 180 MHz. The resolution bandwidth is 1 MHz, and the video bandwidth is 3 MHz. The sweep time is 5 seconds with 900 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 %
87.5232 MHz	x dB	-26.00 dB
Transmit Freq Error	121.654 kHz	
x dB Bandwidth	91.321 MHz	

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5.93. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:528996, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:245, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2644.98	99	26	1	Peak	87.32	91.07	90	Pass



5.94. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:508200, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:245, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2541	99	26	1	Peak	87.32	90.81	90	Pass

Agilent
Measure

Ch Freq 2.541 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.541 00 GHz Span 180 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

87.3243 MHz

Transmit Freq Error 120.610 kHz

x dB Bandwidth 90.809 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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5.95. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:245, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	87.44	90.96	90	Pass

Agilent
Measure

Ch Freq 2.59299 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.592 99 GHz Span 180 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

87.4355 MHz

Transmit Freq Error 114.092 kHz

x dB Bandwidth 90.965 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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5.96. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:528996, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:245, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2644.98	99	26	1	Peak	87.2	91.02	90	Pass

Agilent
Measure

Ch Freq 2.64498 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.644 98 GHz Span 180 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

87.1977 MHz

Transmit Freq Error -36.078 kHz

x dB Bandwidth 91.023 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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5.97. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:509202, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:273, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2546.01	99	26	1	Peak	97.22	101.31	100	Pass

Agilent
Measure

Ch Freq 2.54601 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.546 01 GHz Span 200 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

97.2242 MHz

Transmit Freq Error 121.872 kHz

x dB Bandwidth 101.314 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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5.98. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:273, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	97.32	101.14	100	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 2.59299 GHz. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'dB/Offst' with values 10, 11.3, and 11.3 dB. The x-axis is labeled 'Center' with a value of 2.592 99 GHz and 'Span' with a value of 200 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 97.3227 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is 113.850 kHz and the 'x dB Bandwidth' is 101.144 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Occupied Bandwidth	Occ BW % Pwr
97.3227 MHz	99.00 %
Transmit Freq Error	x dB
113.850 kHz	-26.00 dB
x dB Bandwidth	
101.144 MHz	

5.99. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:528000, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:273, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2640	99	26	1	Peak	97.08	101.13	100	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 2.64 GHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow trace. The plot parameters include 'Ref 30 dBm', '#Atten 30 dB', '#Peak Log 10 dB/Offst 11.4 dB', 'Center 2.640 00 GHz', 'Span 200 MHz', '#Res BW 1 MHz', '#VBW 3 MHz', and '#Sweep 5 s (1000 pts)'. A green box highlights the measurement results: 'Occupied Bandwidth 97.0838 MHz', 'Occ BW % Pwr 99.00 %', 'x dB -26.00 dB', 'Transmit Freq Error -4.607 kHz', and 'x dB Bandwidth 101.132 MHz'. 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'. The bottom of the screen shows the copyright notice 'Copyright 2000-2012 Agilent Technologies'.

5.100. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:509202, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:273, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2546.01	99	26	1	Peak	97.34	101	100	Pass

Agilent
Measure

Ch Freq 2.54601 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ext Ref

Ref 30 dBm #Atten 30 dB

Center 2.546 01 GHz Span 200 MHz

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

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

97.3377 MHz **x dB** -26.00 dB

Transmit Freq Error 144.190 kHz

x dB Bandwidth 100.997 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

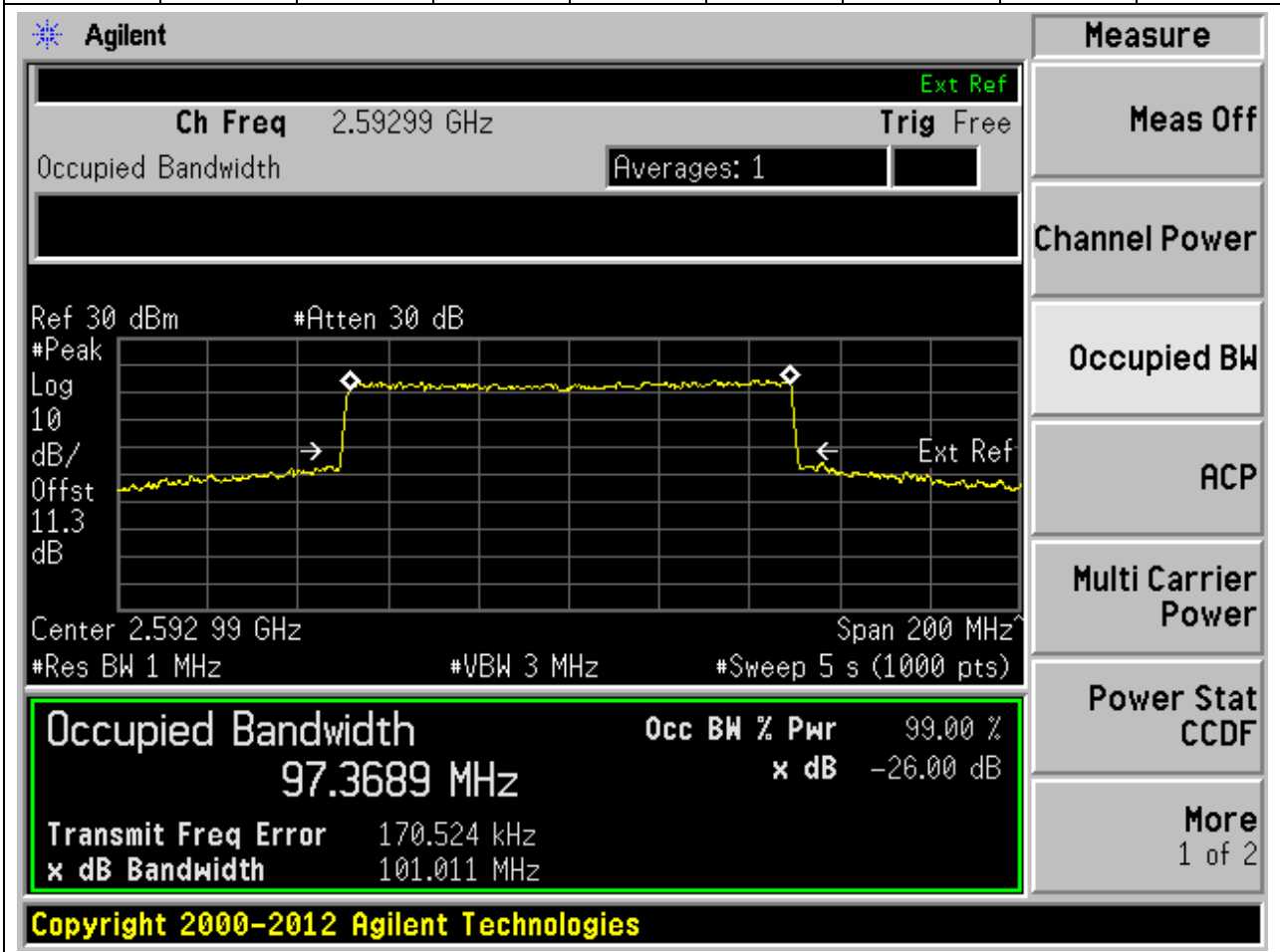
Power Stat CCDF

More
1 of 2

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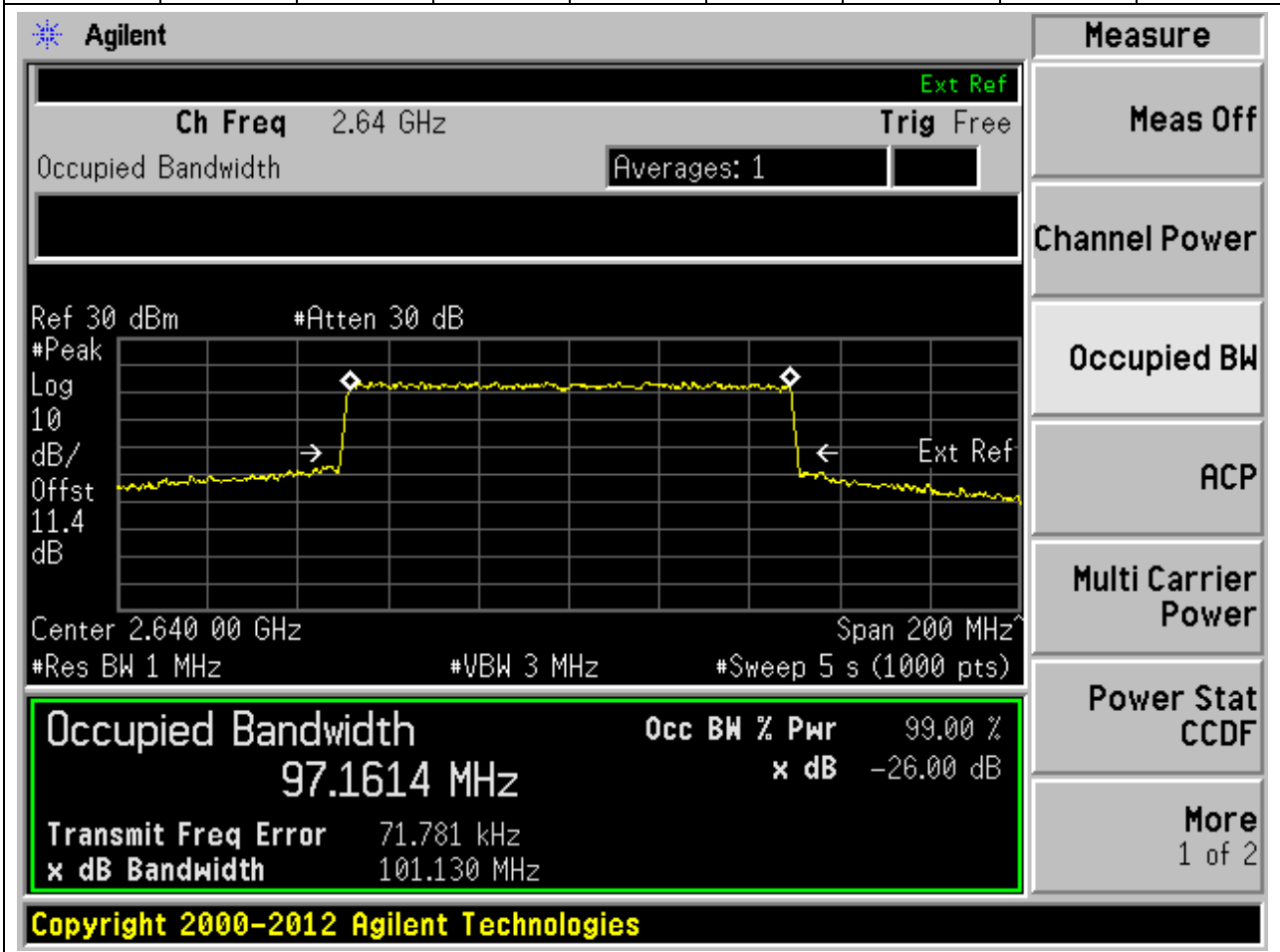
5.101. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:273, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	97.37	101.01	100	Pass



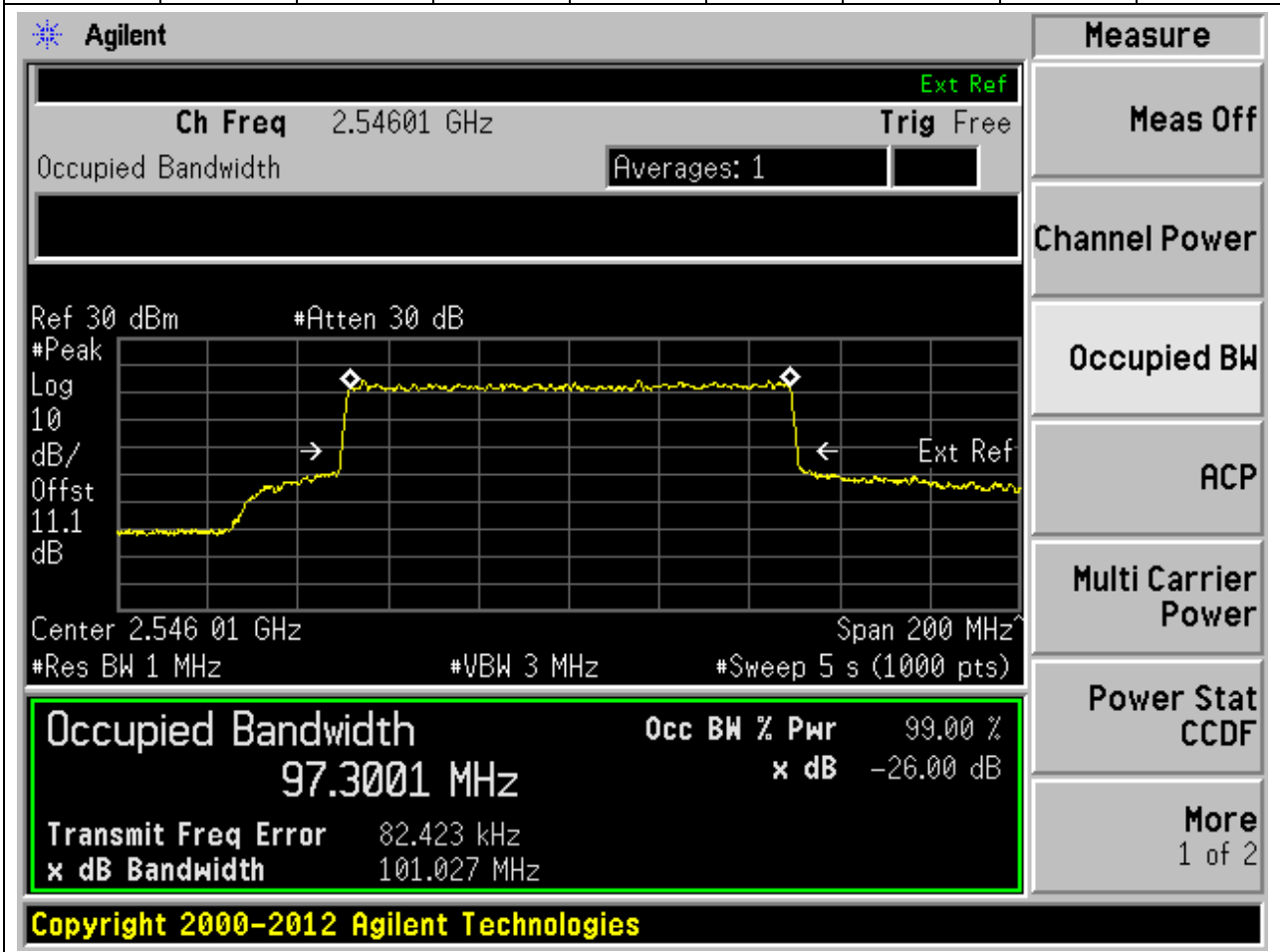
5.102. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:528000, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:273, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2640	99	26	1	Peak	97.16	101.13	100	Pass



5.103. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:509202, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:273, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2546.01	99	26	1	Peak	97.3	101.03	100	Pass



5.104. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:273, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	97.4	101.07	100	Pass

Agilent
Measure

Ch Freq 2.59299 GHz Trig Free

Occupied Bandwidth Averages: 1

Ext Ref

Ref 30 dBm #Atten 30 dB

Center 2.592 99 GHz Span 200 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
97.3996 MHz	x dB	-26.00 dB
Transmit Freq Error	68.984 kHz	
x dB Bandwidth	101.069 MHz	

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

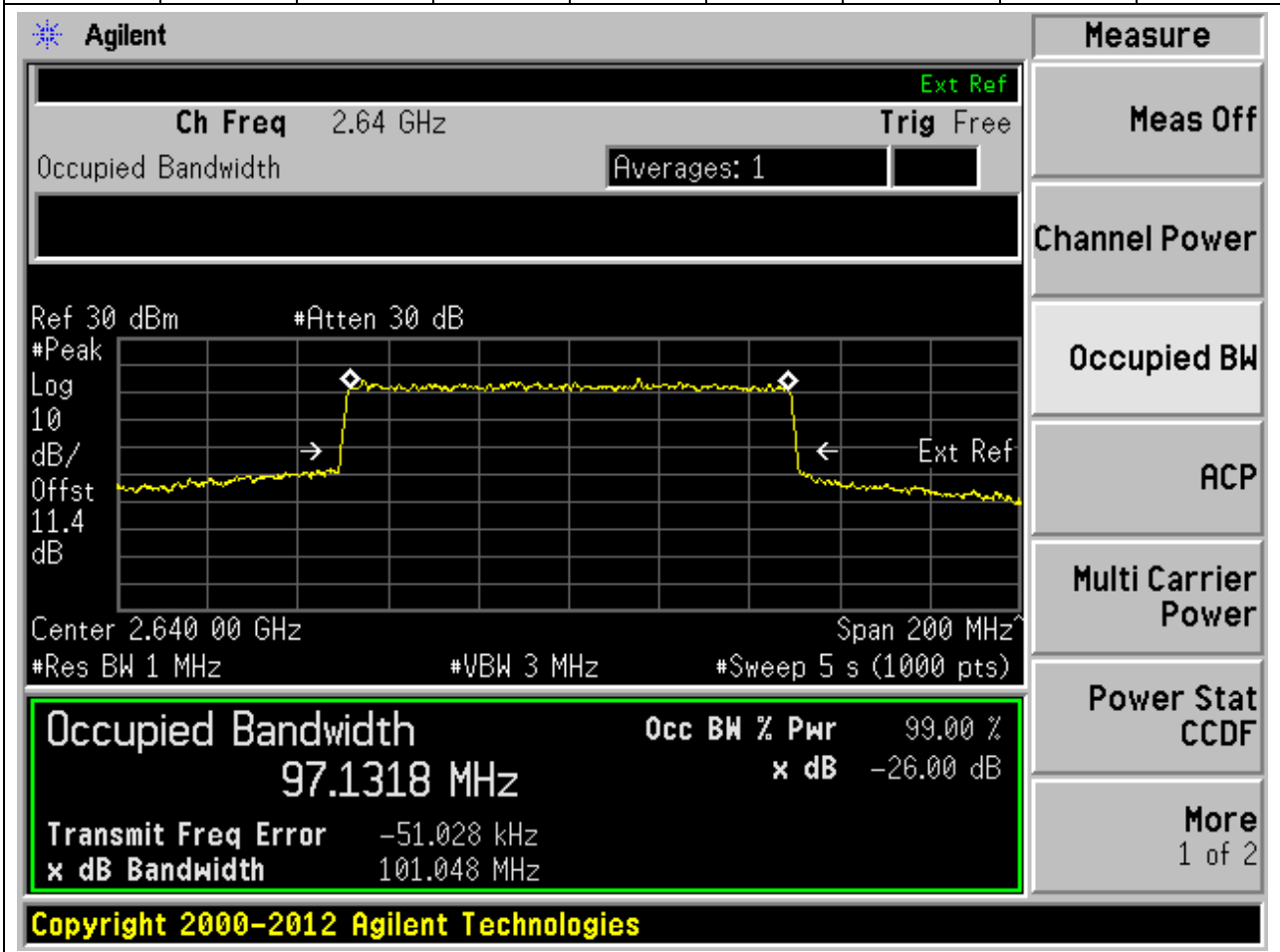
Power Stat CCDF

More
1 of 2

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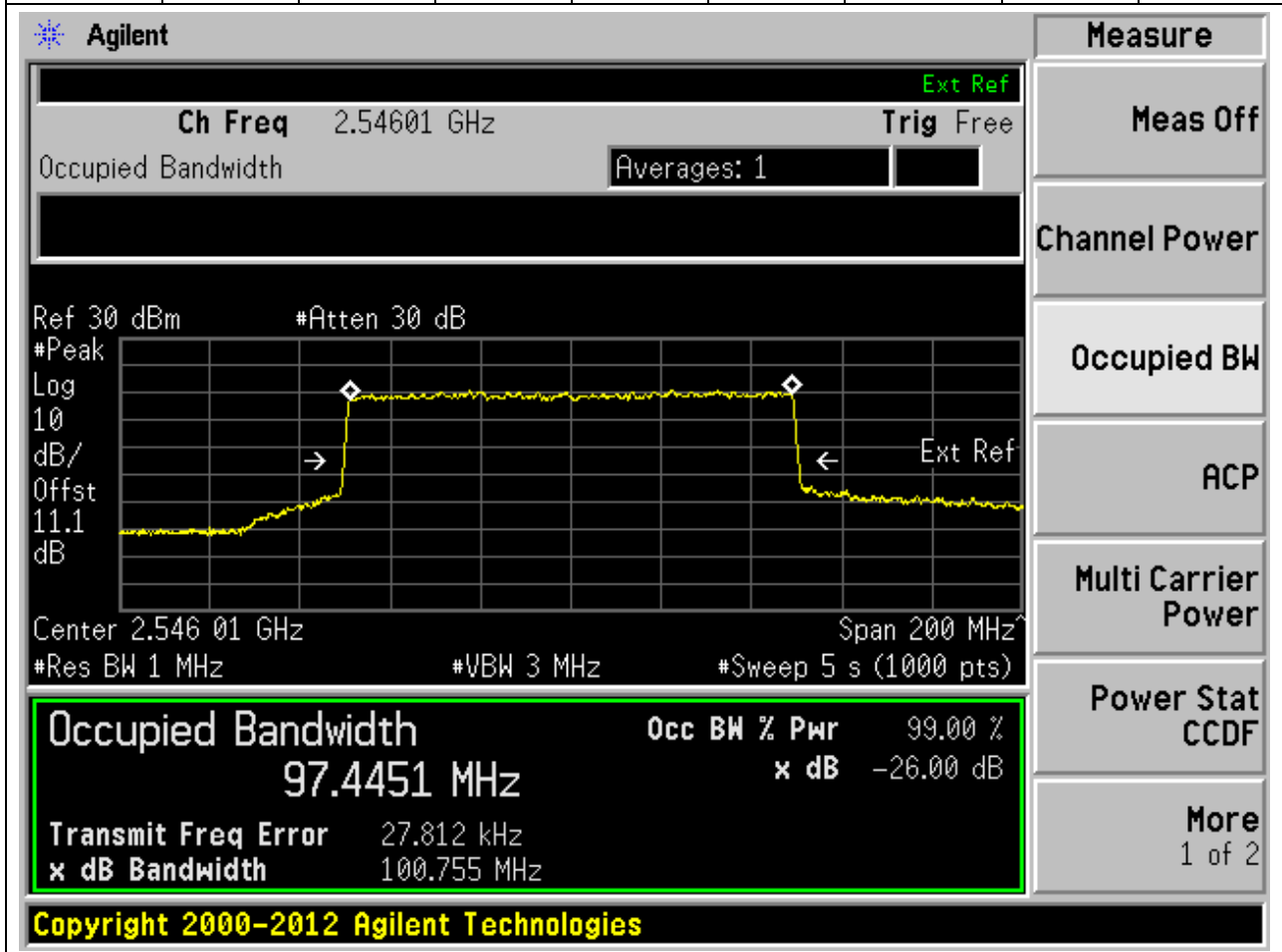
5.105. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:528000, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:273, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2640	99	26	1	Peak	97.13	101.05	100	Pass



5.106. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:509202, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:273, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2546.01	99	26	1	Peak	97.45	100.75	100	Pass



5.107. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:518598, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:273, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	97.56	100.97	100	Pass

Agilent
Measure

Ch Freq 2.59299 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.592 99 GHz Span 200 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

97.5648 MHz

Transmit Freq Error 5.266 kHz

x dB Bandwidth 100.969 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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5.108. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:528000, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:273, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2640	99	26	1	Peak	97.33	101.15	100	Pass

Agilent
Measure

Ch Freq 2.64 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.4 dB

Center 2.640 00 GHz Span 200 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

97.3333 MHz

Transmit Freq Error -99.237 kHz

x dB Bandwidth 101.153 MHz

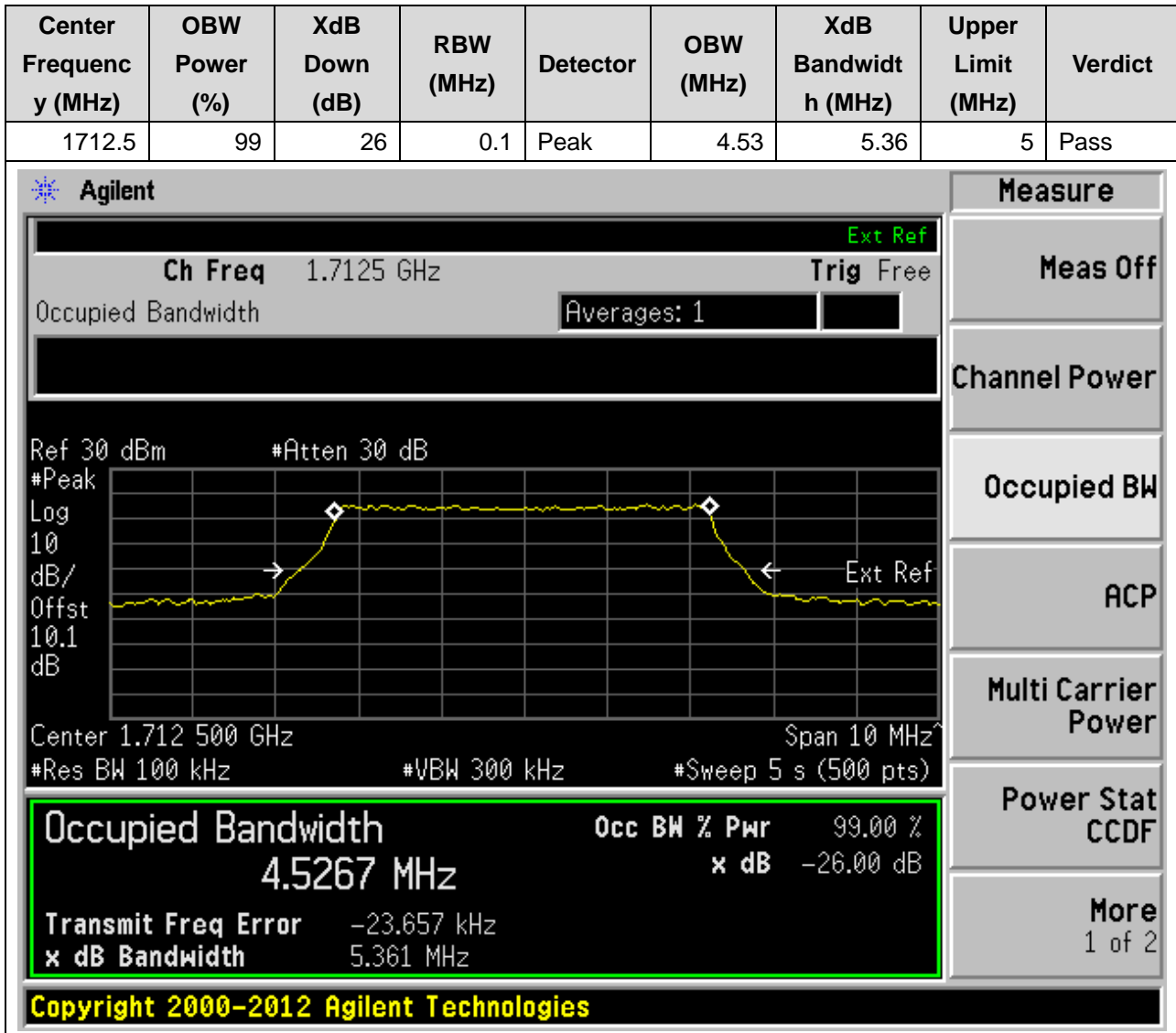
Occ BW % Pwr 99.00 %

x dB -26.00 dB

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3. n66

3.1. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:342500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)



3.2. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)

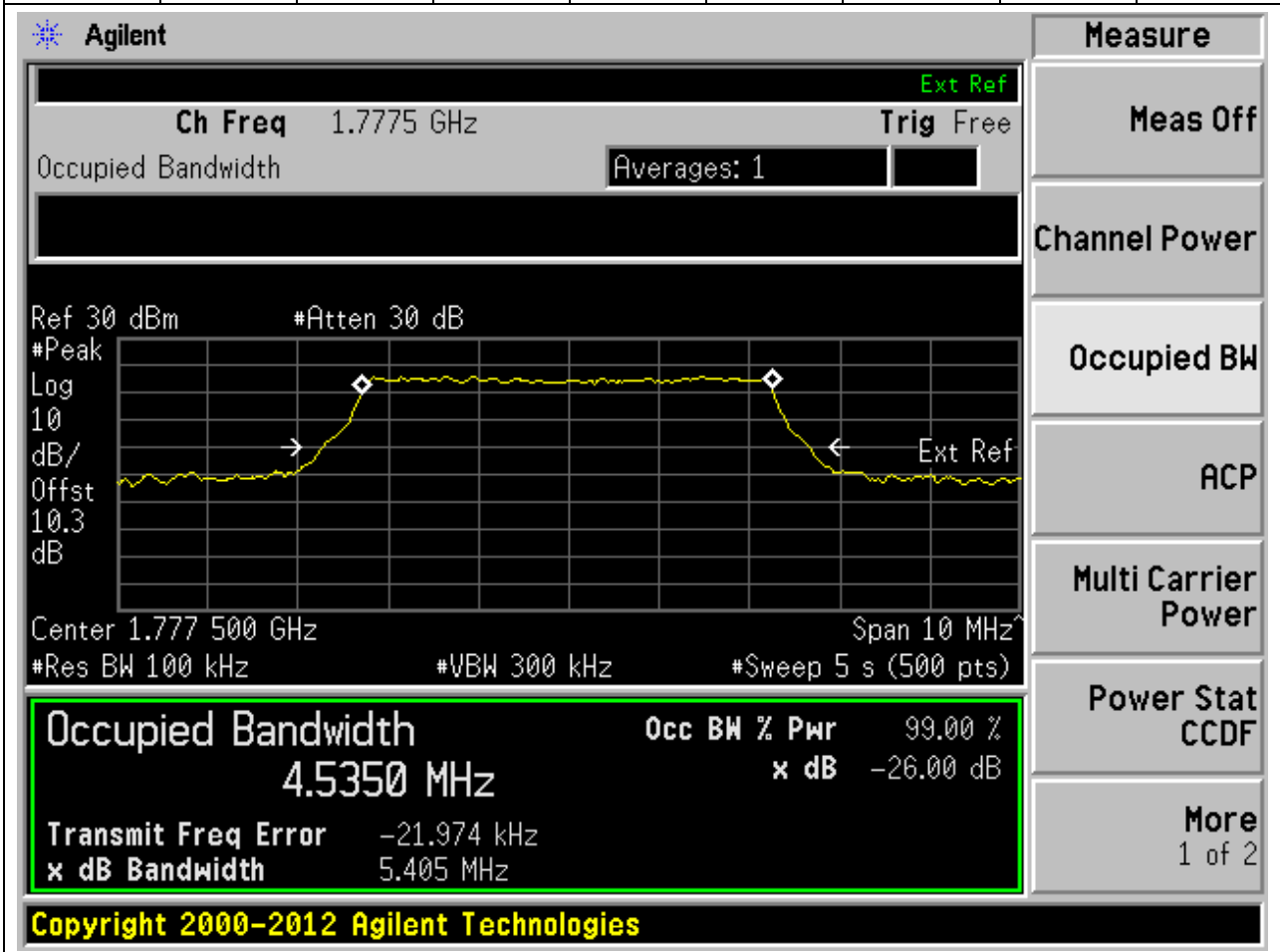
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.1	Peak	4.51	5.36	5	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'Log dB/Offst' and the x-axis is 'Center'. The plot shows a signal with a peak at 1.745 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 4.5129 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -13.054 kHz and the 'x dB Bandwidth' is 5.355 MHz. The 'Copyright 2000-2012 Agilent Technologies' is visible at the bottom.

Occupied Bandwidth	Occ BW % Pwr	x dB
4.5129 MHz	99.00 %	-26.00 dB

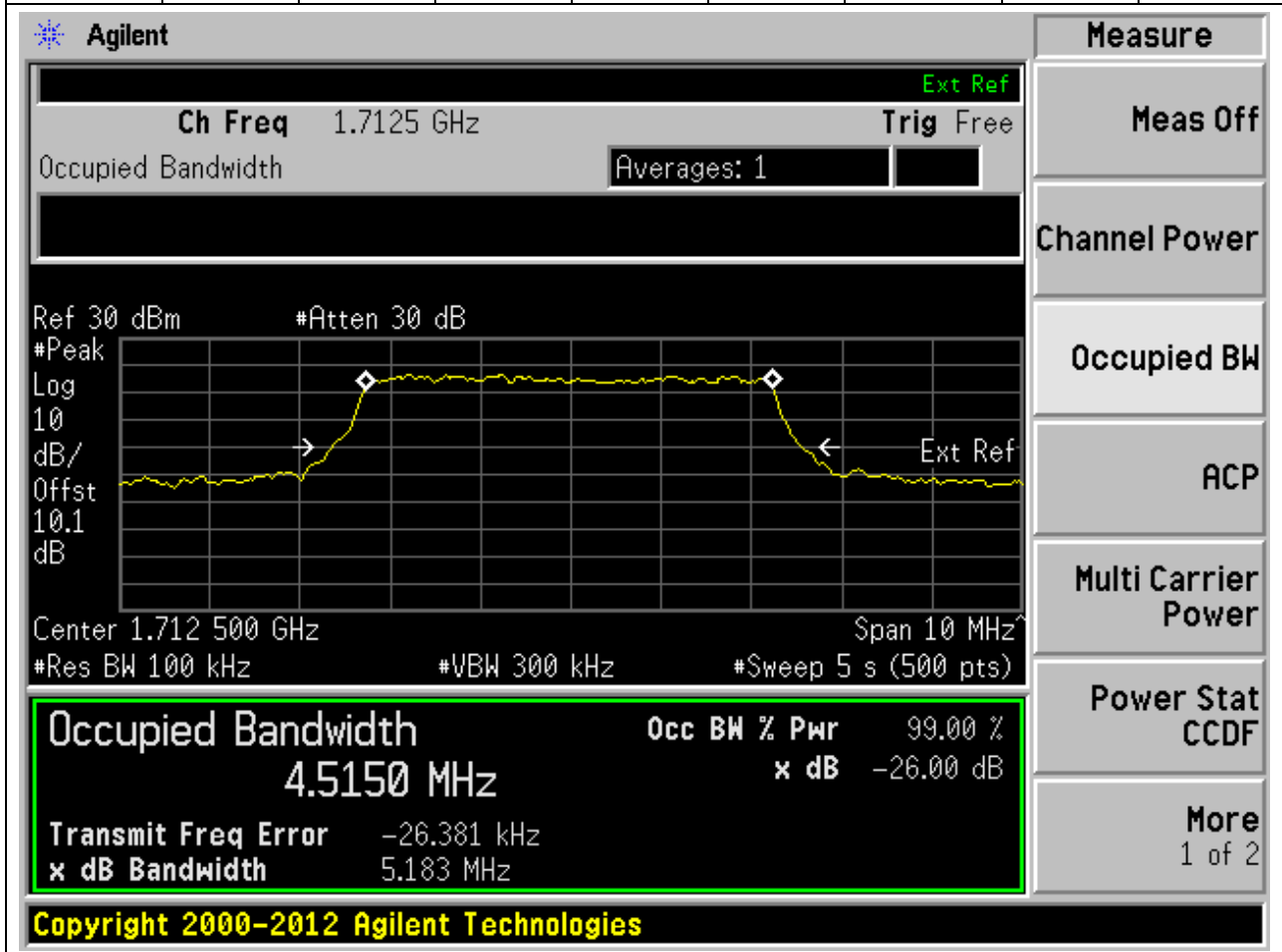
3.3. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:355500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1777.5	99	26	0.1	Peak	4.53	5.41	5	Pass



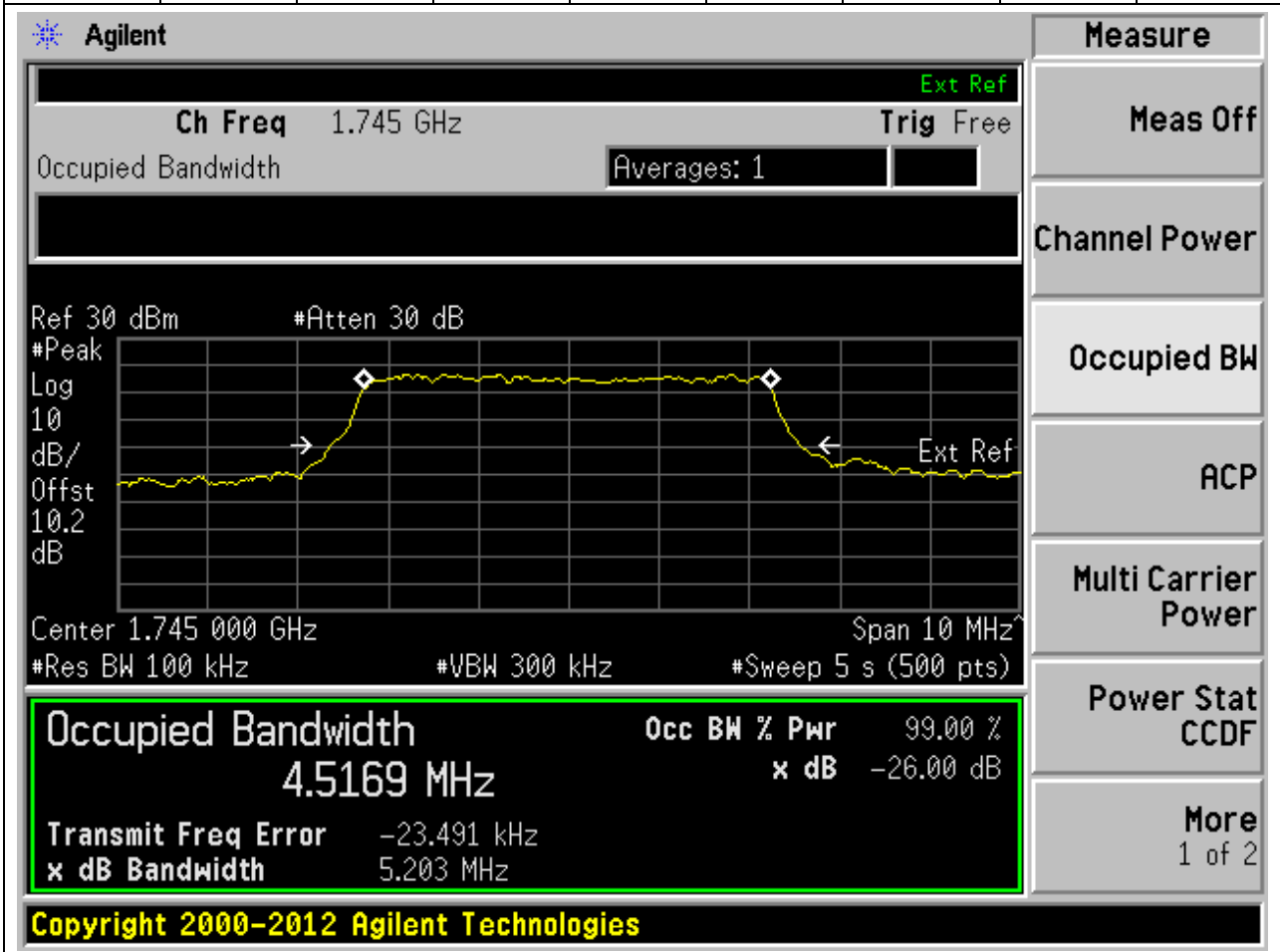
3.4. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:342500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1712.5	99	26	0.1	Peak	4.52	5.18	5	Pass



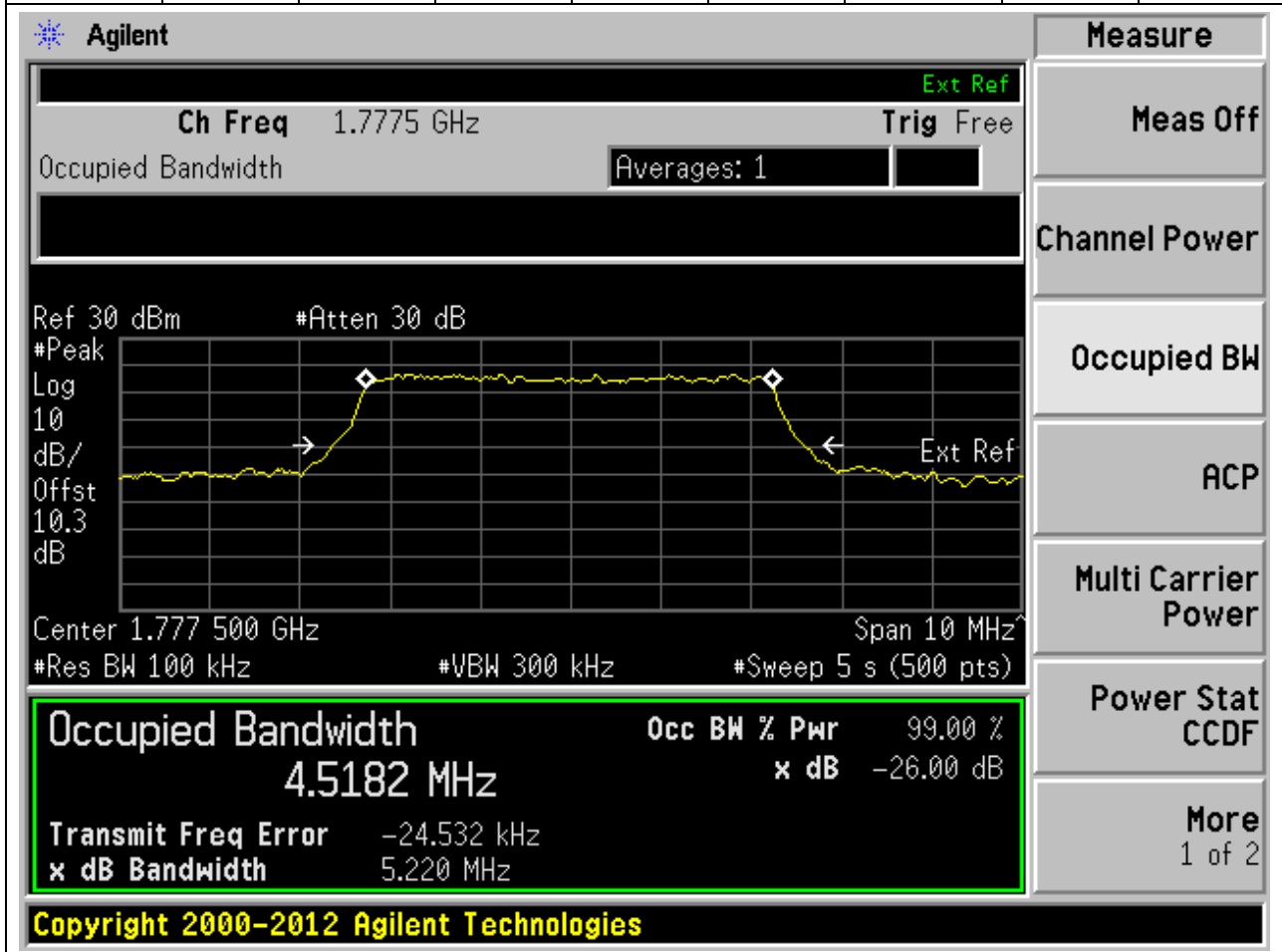
3.5. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.1	Peak	4.52	5.2	5	Pass



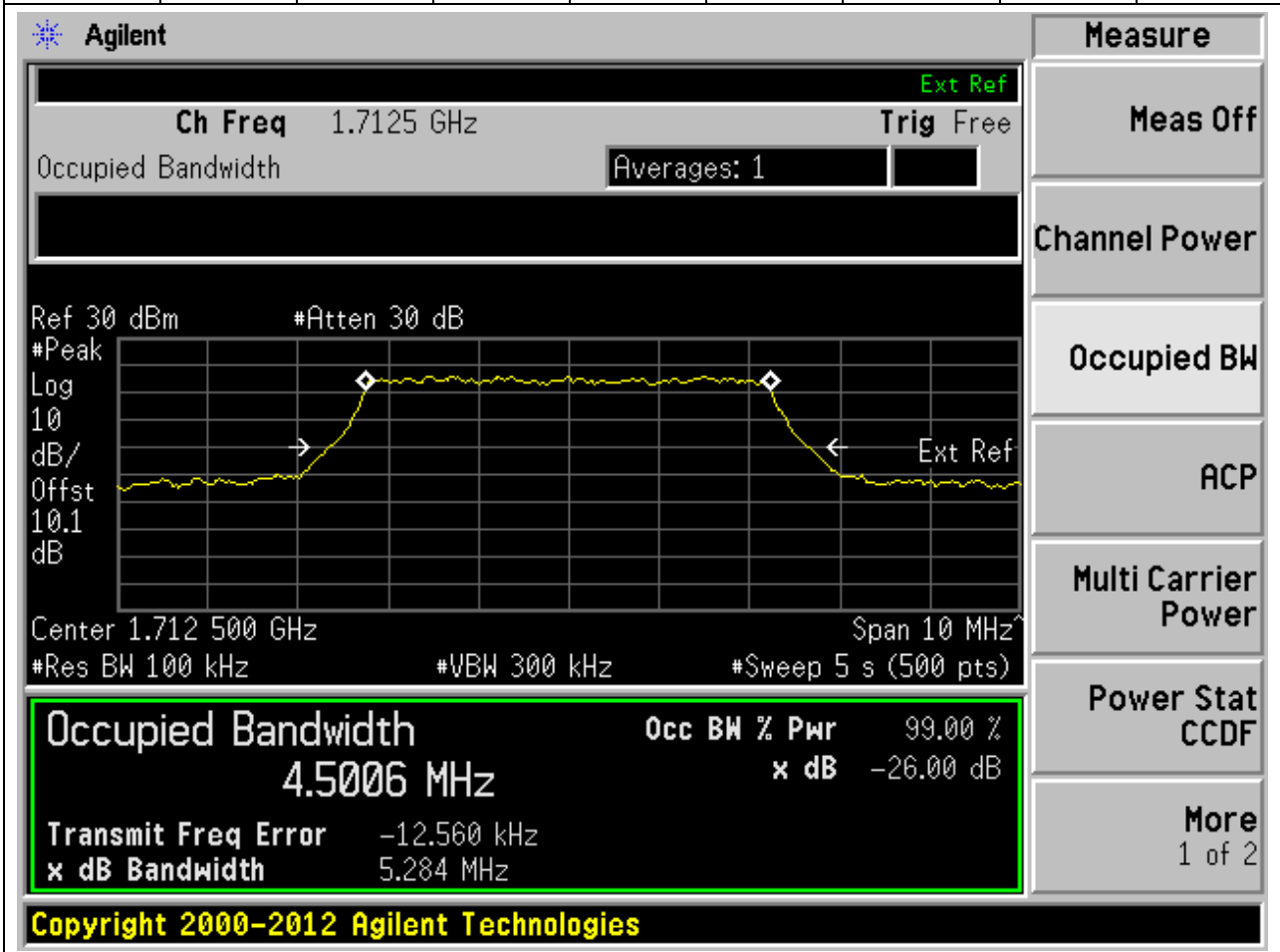
3.6. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:355500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1777.5	99	26	0.1	Peak	4.52	5.22	5	Pass



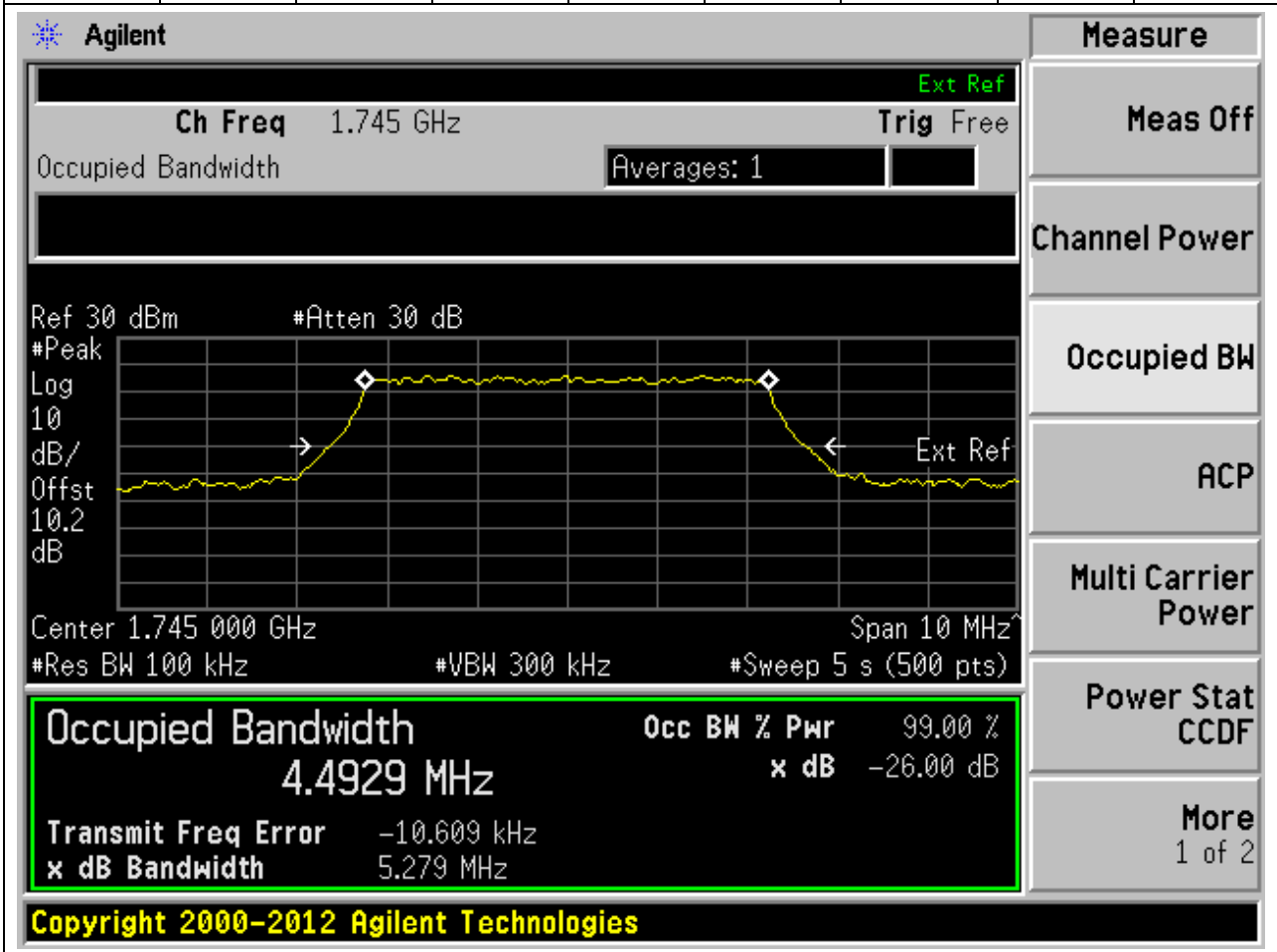
3.7. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:342500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1712.5	99	26	0.1	Peak	4.5	5.28	5	Pass



3.8. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.1	Peak	4.49	5.28	5	Pass



3.9. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:355500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:25, RB Position:0)

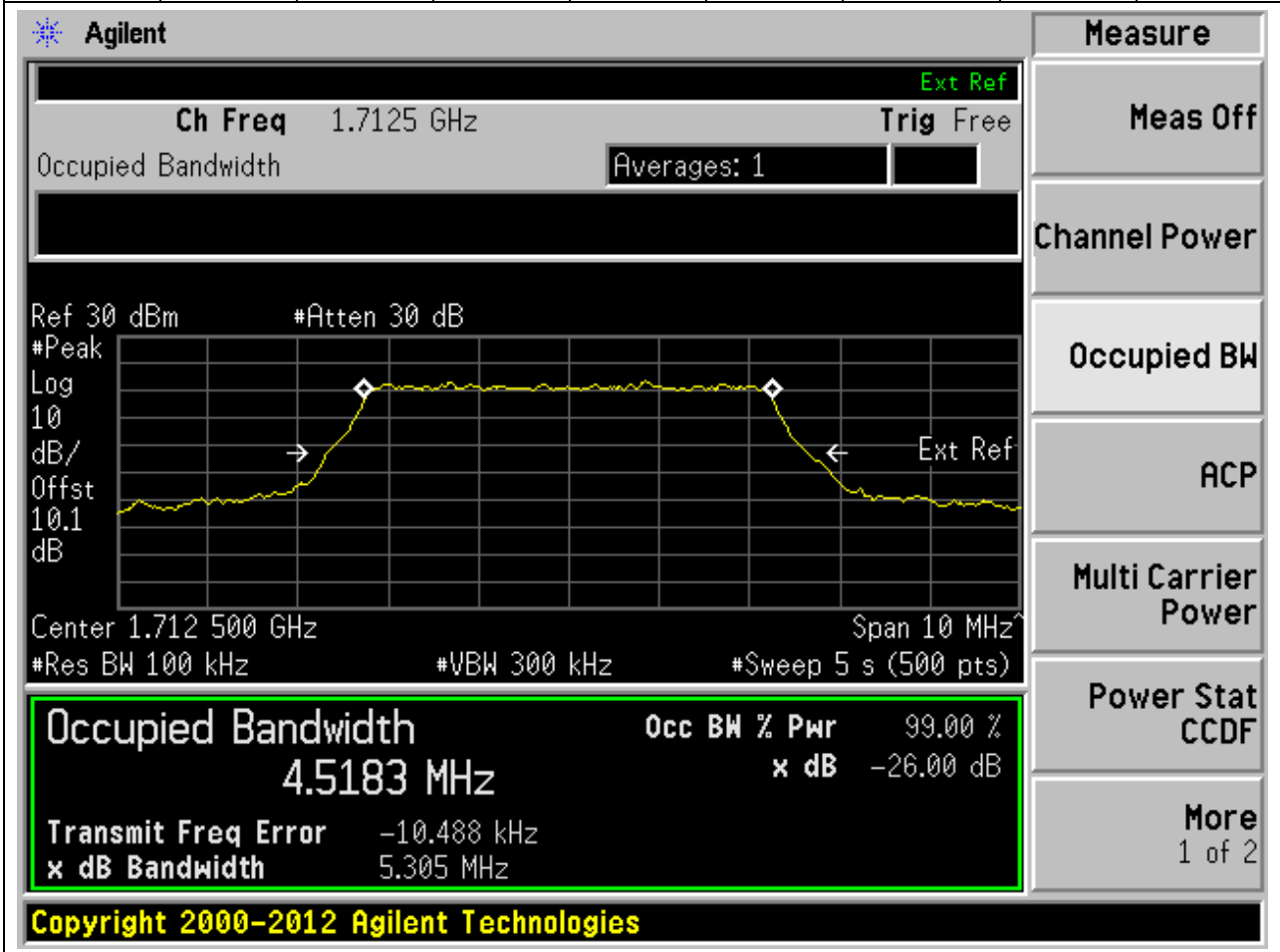
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1777.5	99	26	0.1	Peak	4.5	5.32	5	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 1.7775 GHz, and the span is 10 MHz. The occupied bandwidth is measured as 4.5018 MHz. The power is 99.00% and the XdB bandwidth is 5.323 MHz. The XdB down is -26.00 dB. The transmit frequency error is -10.284 kHz. The RBW is 100 kHz, and the VBW is 300 kHz. The sweep is 5 s (500 pts). The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.5018 MHz	x dB	-26.00 dB
Transmit Freq Error	-10.284 kHz	
x dB Bandwidth	5.323 MHz	

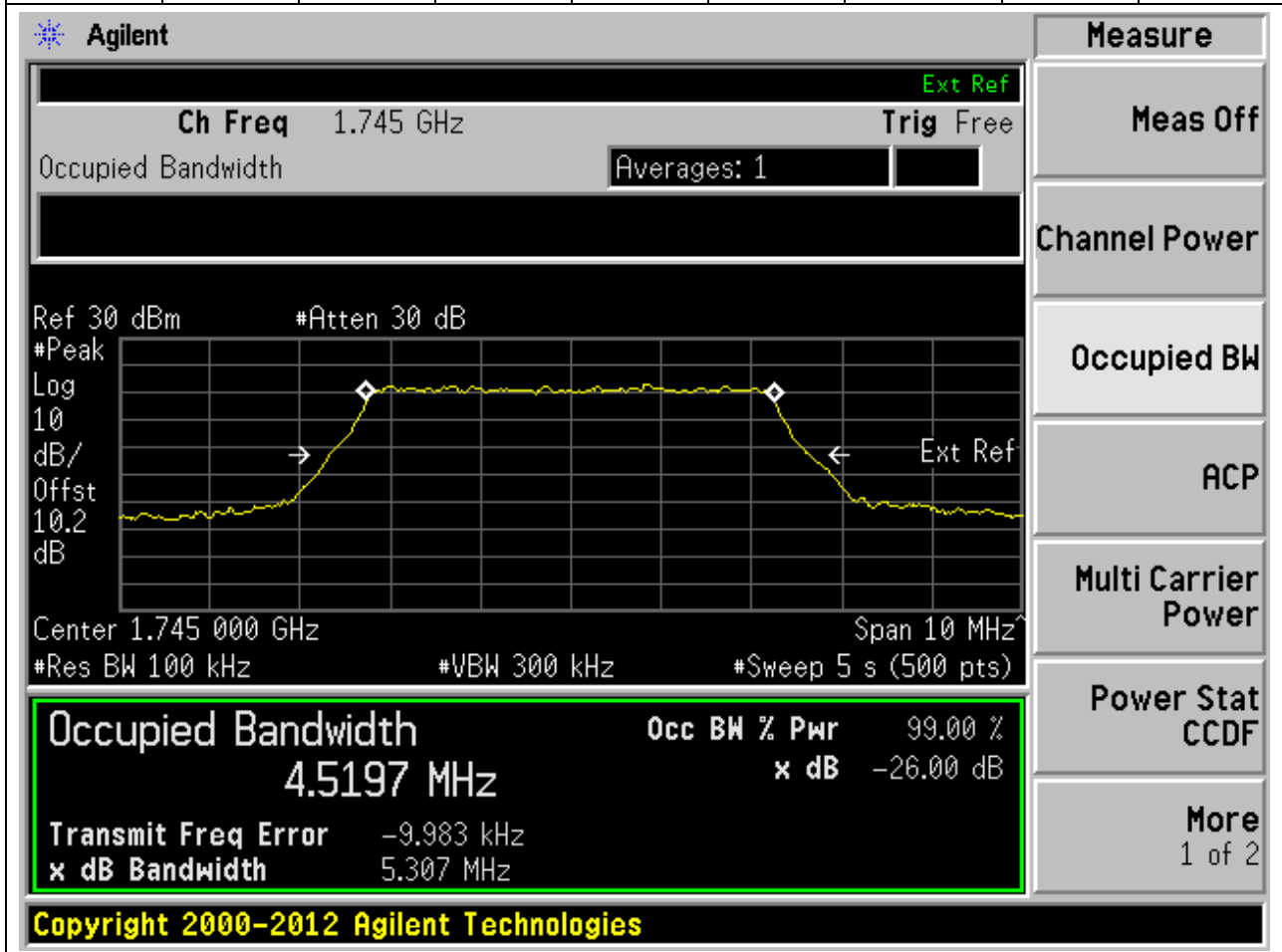
3.10. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:342500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1712.5	99	26	0.1	Peak	4.52	5.31	5	Pass



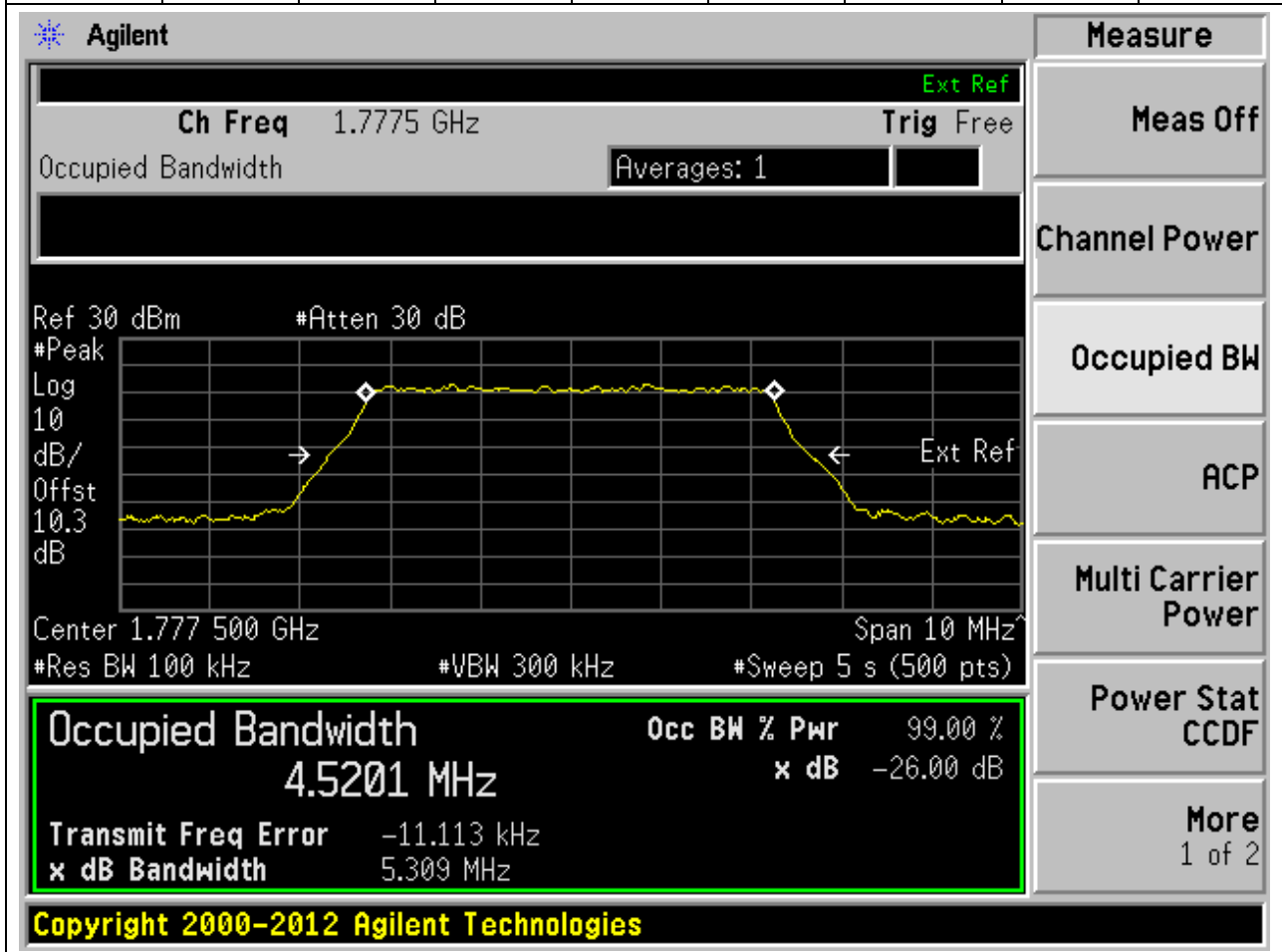
3.11. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.1	Peak	4.52	5.31	5	Pass



3.12. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:355500, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1777.5	99	26	0.1	Peak	4.52	5.31	5	Pass



3.13. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:343000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)

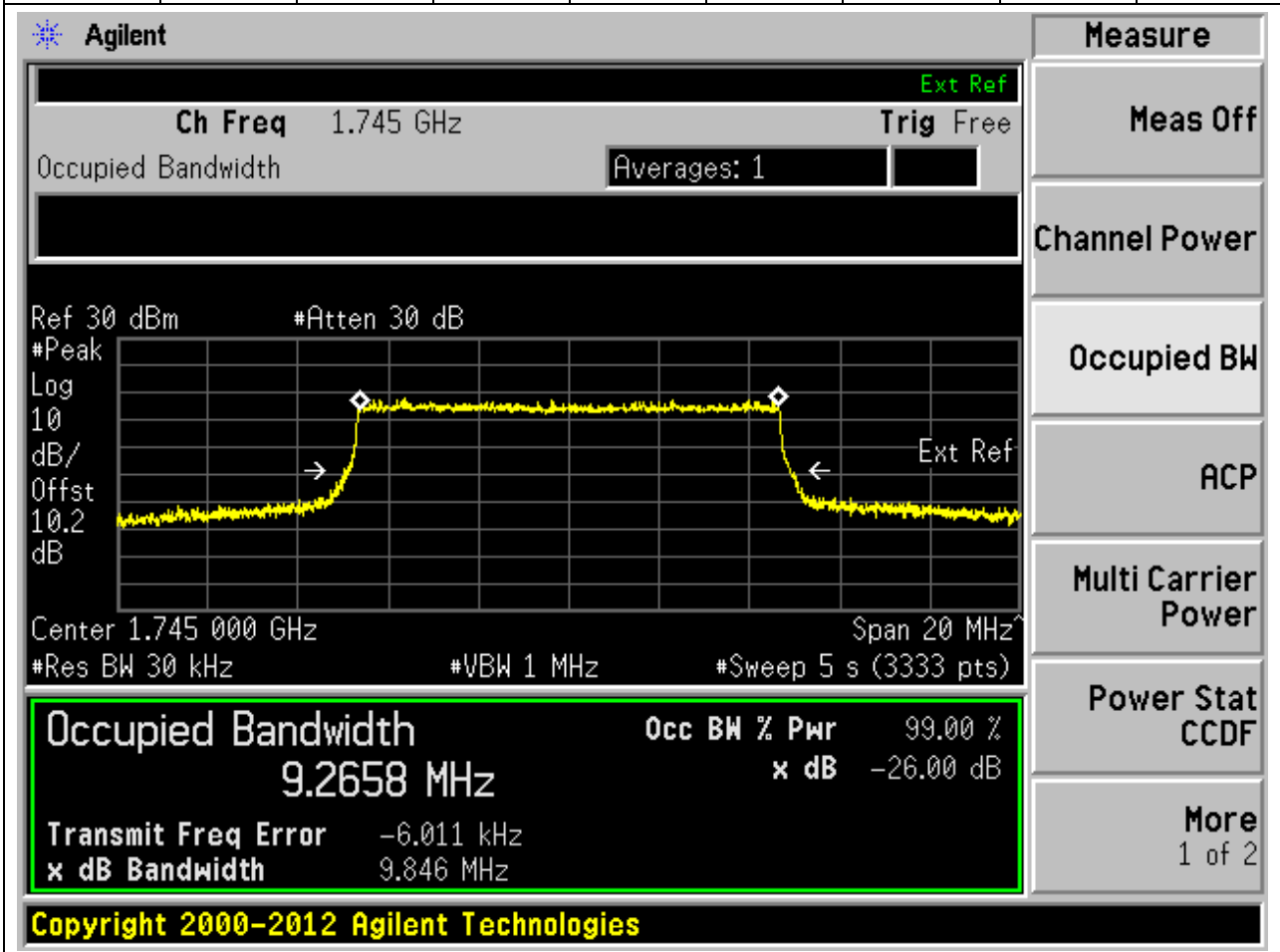
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1715	99	26	0.03	Peak	9.26	9.77	10	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 1.715 GHz, and the span is 20 MHz. The occupied bandwidth is measured as 9.2638 MHz, which is 99.00% of the channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -12.284 kHz, and the XdB bandwidth is 9.766 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'. The bottom of the screen shows the copyright information: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
9.2638 MHz	x dB	-26.00 dB
Transmit Freq Error	-12.284 kHz	
x dB Bandwidth	9.766 MHz	

3.14. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.03	Peak	9.27	9.85	10	Pass



3.15. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:355000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)

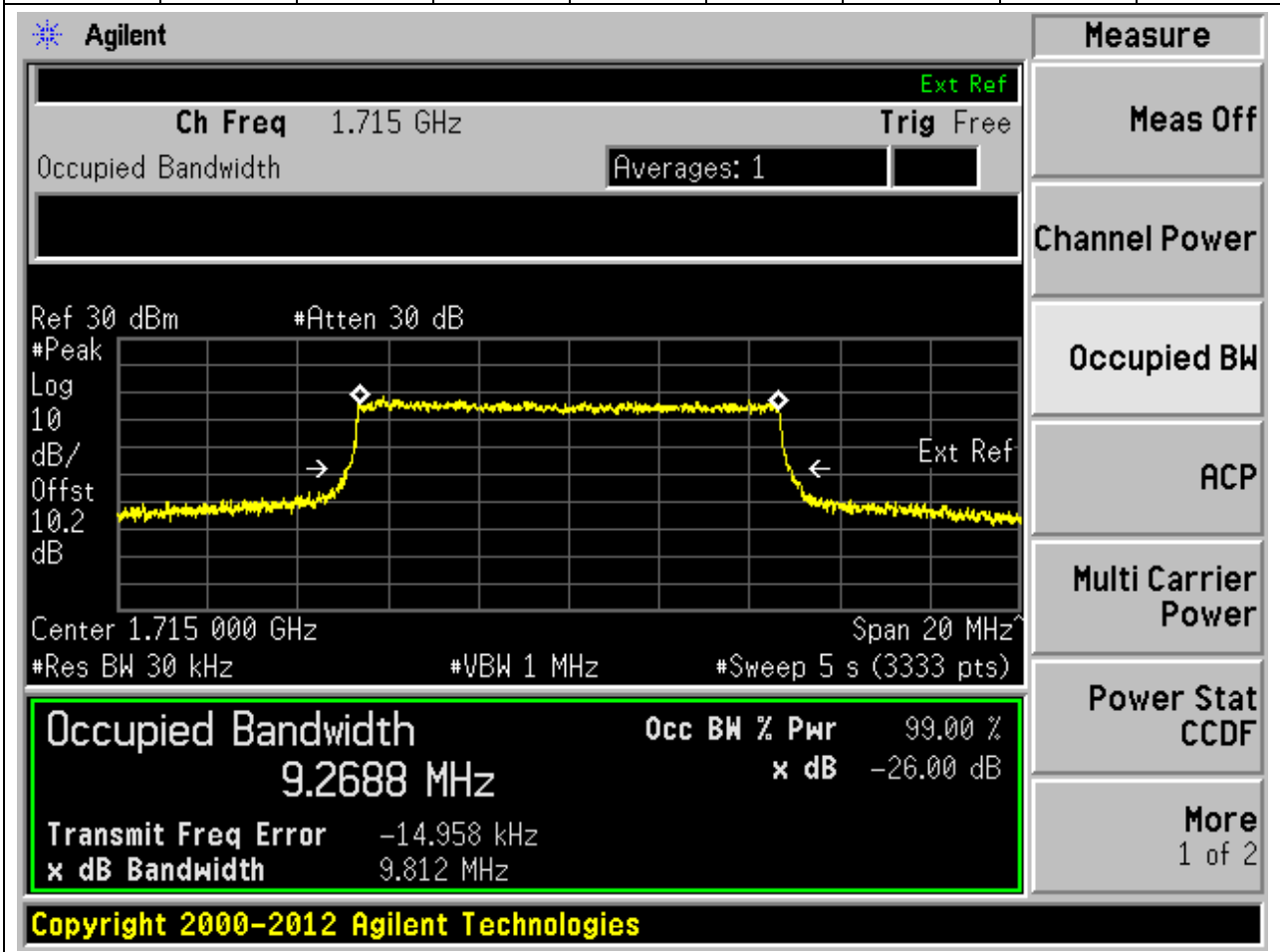
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1775	99	26	0.03	Peak	9.27	9.79	10	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 1.775 GHz, and the span is 20 MHz. The occupied bandwidth is measured as 9.2665 MHz, which is 99.00% of the total bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -8.546 kHz, and the XdB bandwidth is 9.785 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'. The bottom of the screen shows the copyright information: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
9.2665 MHz	x dB	-26.00 dB
Transmit Freq Error	-8.546 kHz	
x dB Bandwidth	9.785 MHz	

3.16. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:343000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:52, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1715	99	26	0.03	Peak	9.27	9.81	10	Pass



3.17. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:52, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.03	Peak	9.26	9.86	10	Pass

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

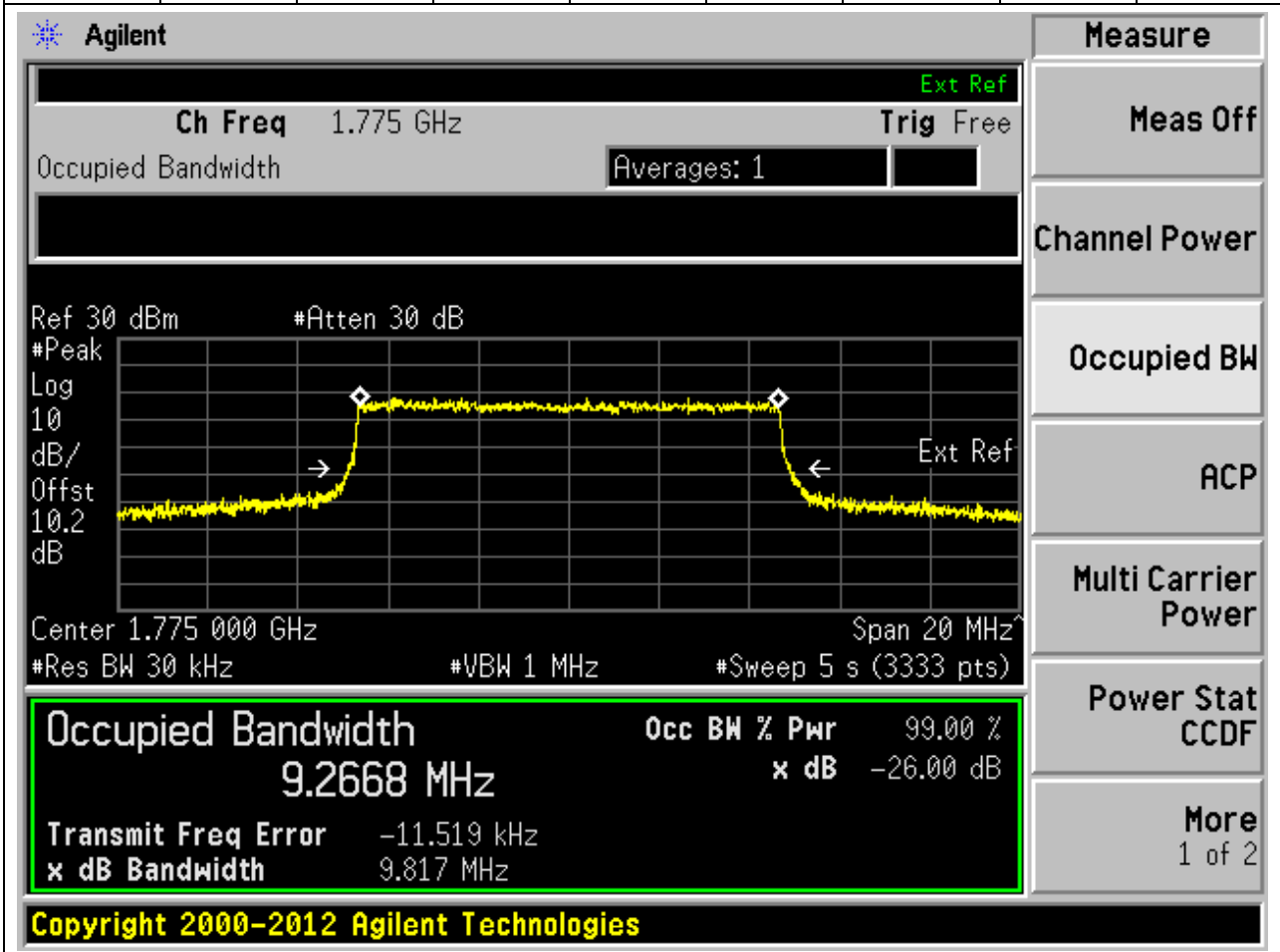
Measurement	Value
Occupied Bandwidth	9.2649 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-11.059 kHz
x dB Bandwidth	9.862 MHz

Other visible parameters 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 20 MHz, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 5 s (3333 pts).

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3.18. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:355000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:52, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1775	99	26	0.03	Peak	9.27	9.82	10	Pass



3.19. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:343000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:52, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1715	99	26	0.03	Peak	9.29	9.75	10	Pass

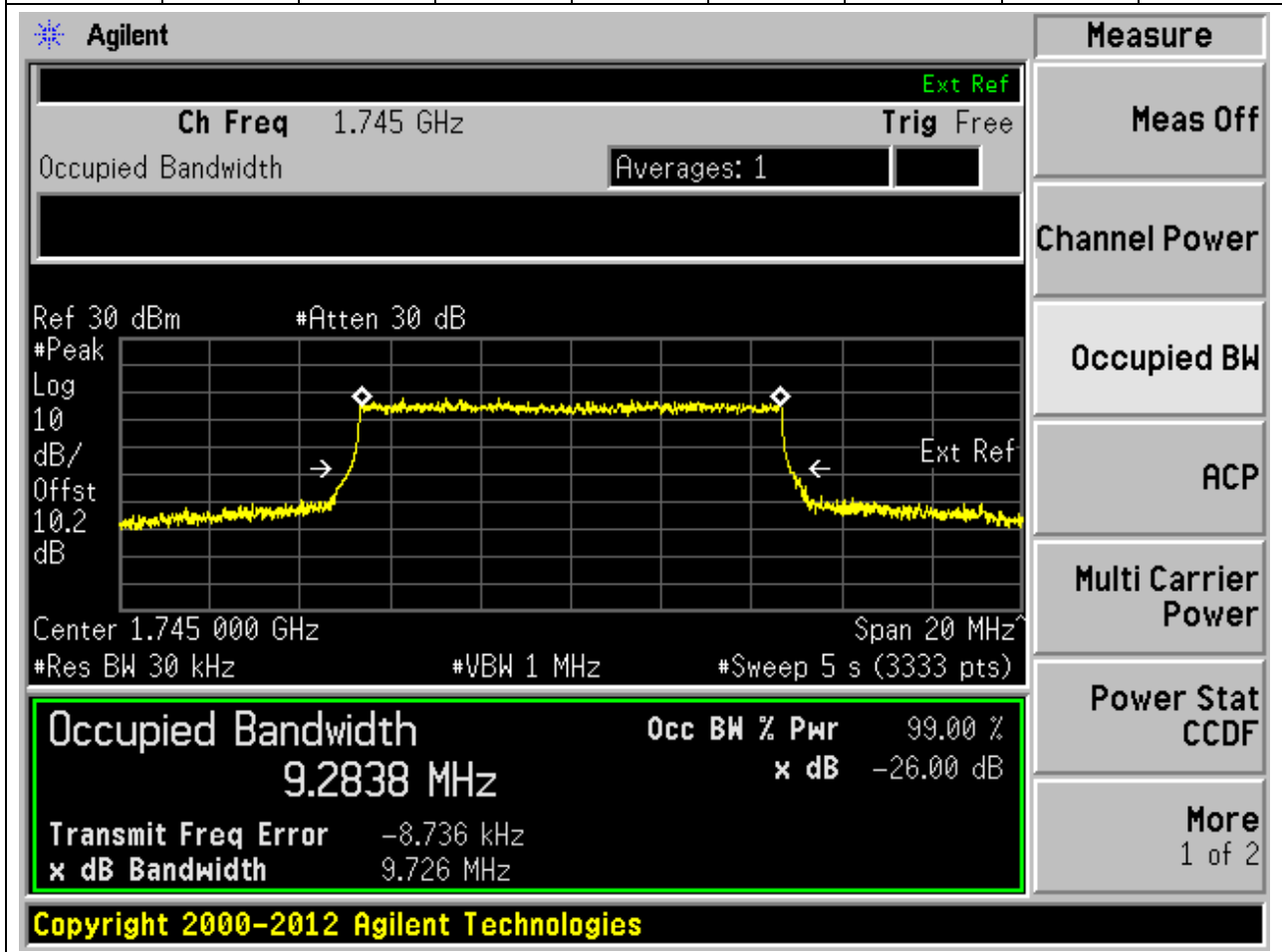
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow signal trace. The center frequency is 1.715 GHz, and the span is 20 MHz. The occupied bandwidth is measured as 9.2865 MHz, which is 99.00% of the channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -11.741 kHz, and the XdB bandwidth is 9.751 MHz. The interface includes various measurement controls and a 'Measure' menu on the right side.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
9.2865 MHz	x dB	-26.00 dB
Transmit Freq Error	-11.741 kHz	
x dB Bandwidth	9.751 MHz	

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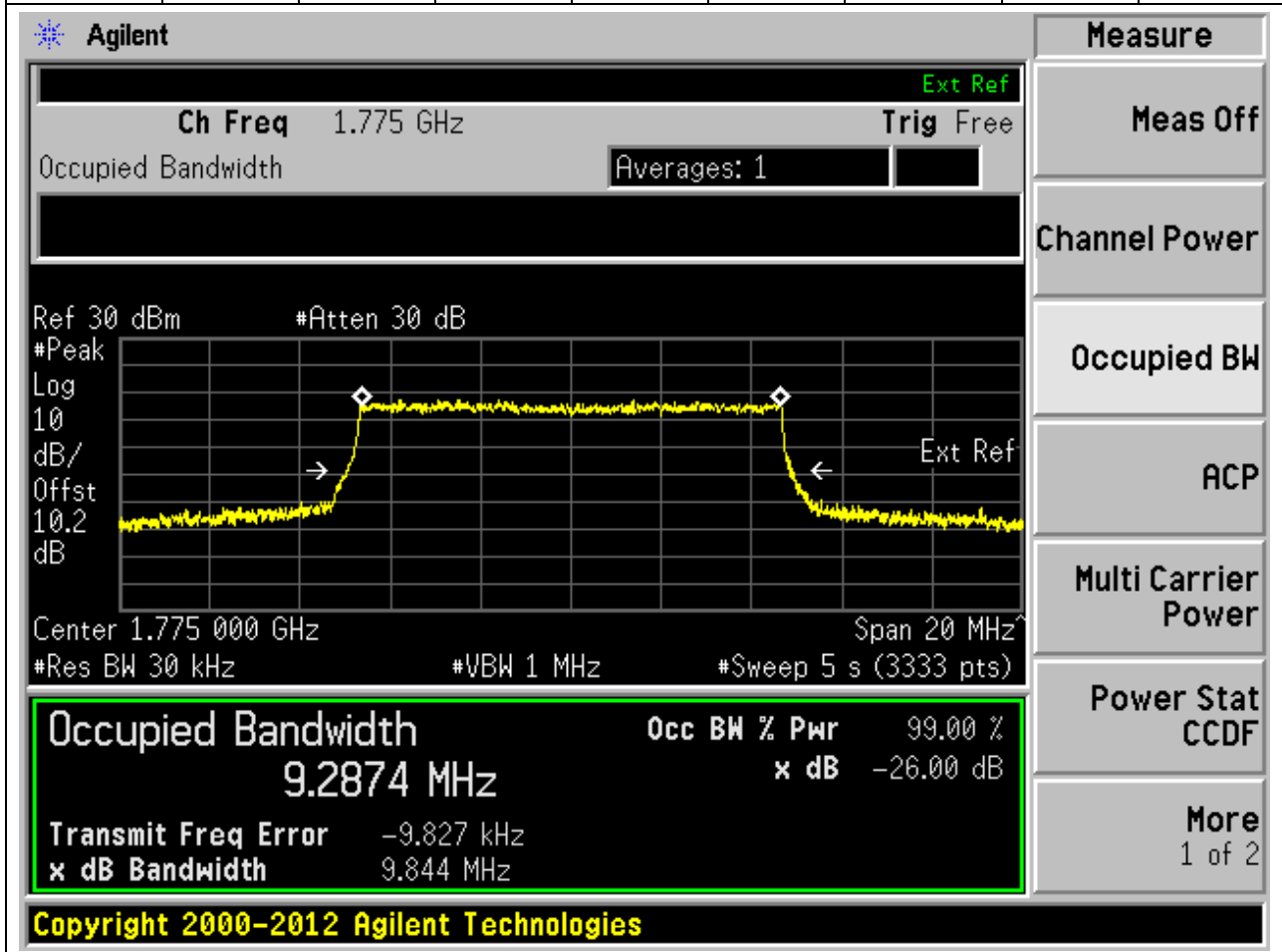
3.20. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:52, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.03	Peak	9.28	9.73	10	Pass



3.21. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:355000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:52, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1775	99	26	0.03	Peak	9.29	9.84	10	Pass



3.22. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:343000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:52, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1715	99	26	0.03	Peak	9.29	9.89	10	Pass

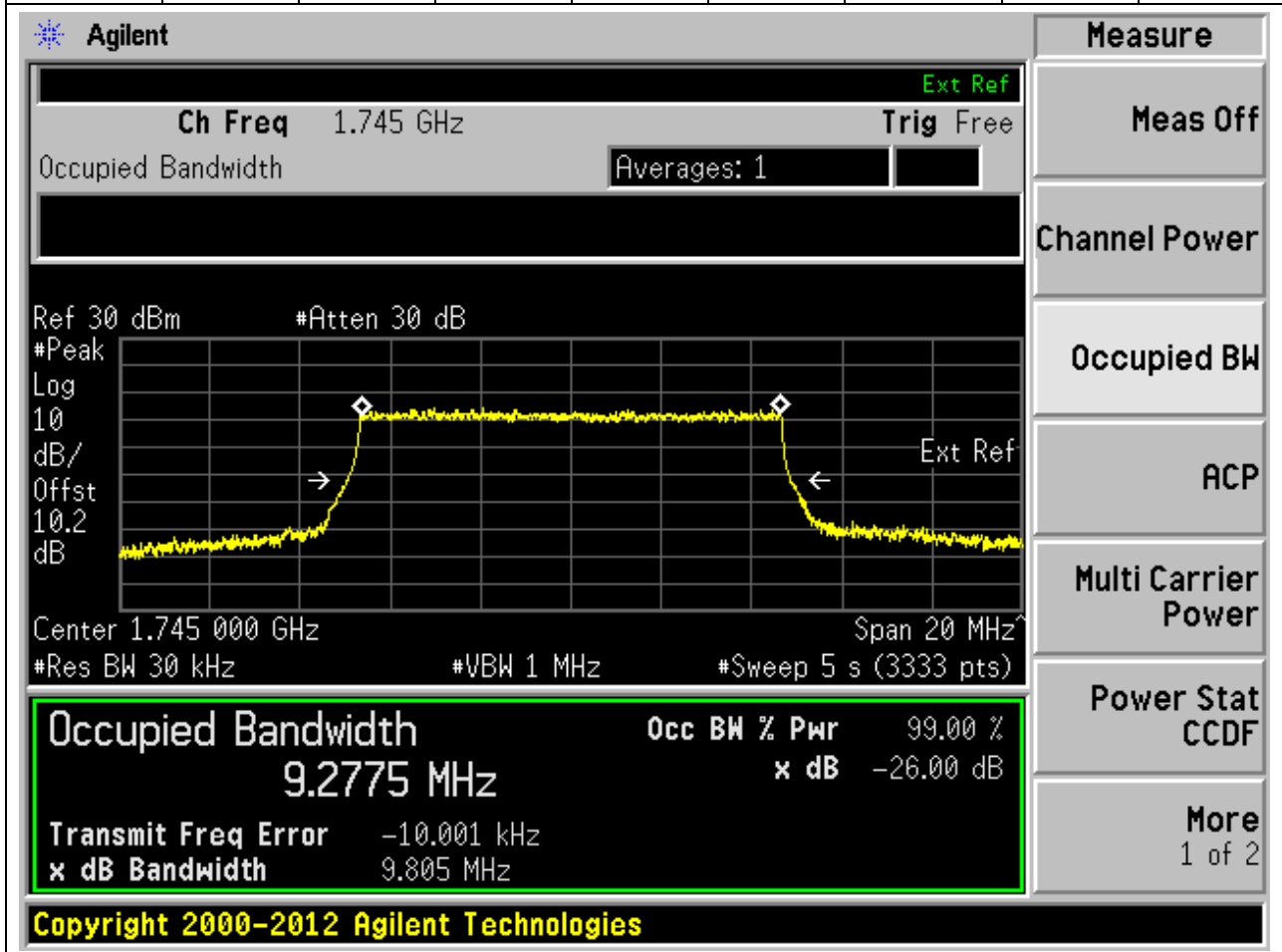
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 1.715 GHz, and the span is 20 MHz. The occupied bandwidth is measured as 9.2882 MHz, which is 99.00% of the channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -14.311 kHz, and the XdB bandwidth is 9.890 MHz. The interface includes various measurement controls and a list of measurement options on the right side.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
9.2882 MHz	x dB	-26.00 dB
Transmit Freq Error	-14.311 kHz	
x dB Bandwidth	9.890 MHz	

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3.23. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:52, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.03	Peak	9.28	9.81	10	Pass



3.24. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:355000, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:52, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1775	99	26	0.03	Peak	9.27	9.76	10	Pass

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 9.2728 MHz, which is 99.00% of the power. The XdB down is -26.00 dB. The transmit frequency error is -9.244 kHz, and the XdB bandwidth is 9.762 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	99.00 %
9.2728 MHz	x dB	-26.00 dB
Transmit Freq Error	-9.244 kHz	
x dB Bandwidth	9.762 MHz	

3.25. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:343500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1717.5	99	26	0.03	Peak	14.1	14.68	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 1.7175 GHz with a span of 30 MHz. The y-axis is labeled 'dB/Offst' and ranges from 10.2 to 10. The plot shows a signal with a peak level of approximately 10.2 dB and a bandwidth of 14.1011 MHz. The signal is measured at a reference level of 30 dBm and an attenuation of 30 dB. The plot also shows the 'Ext Ref' level and the 'Averages: 1' setting.

The measurement results are displayed in a table at the bottom of the screen:

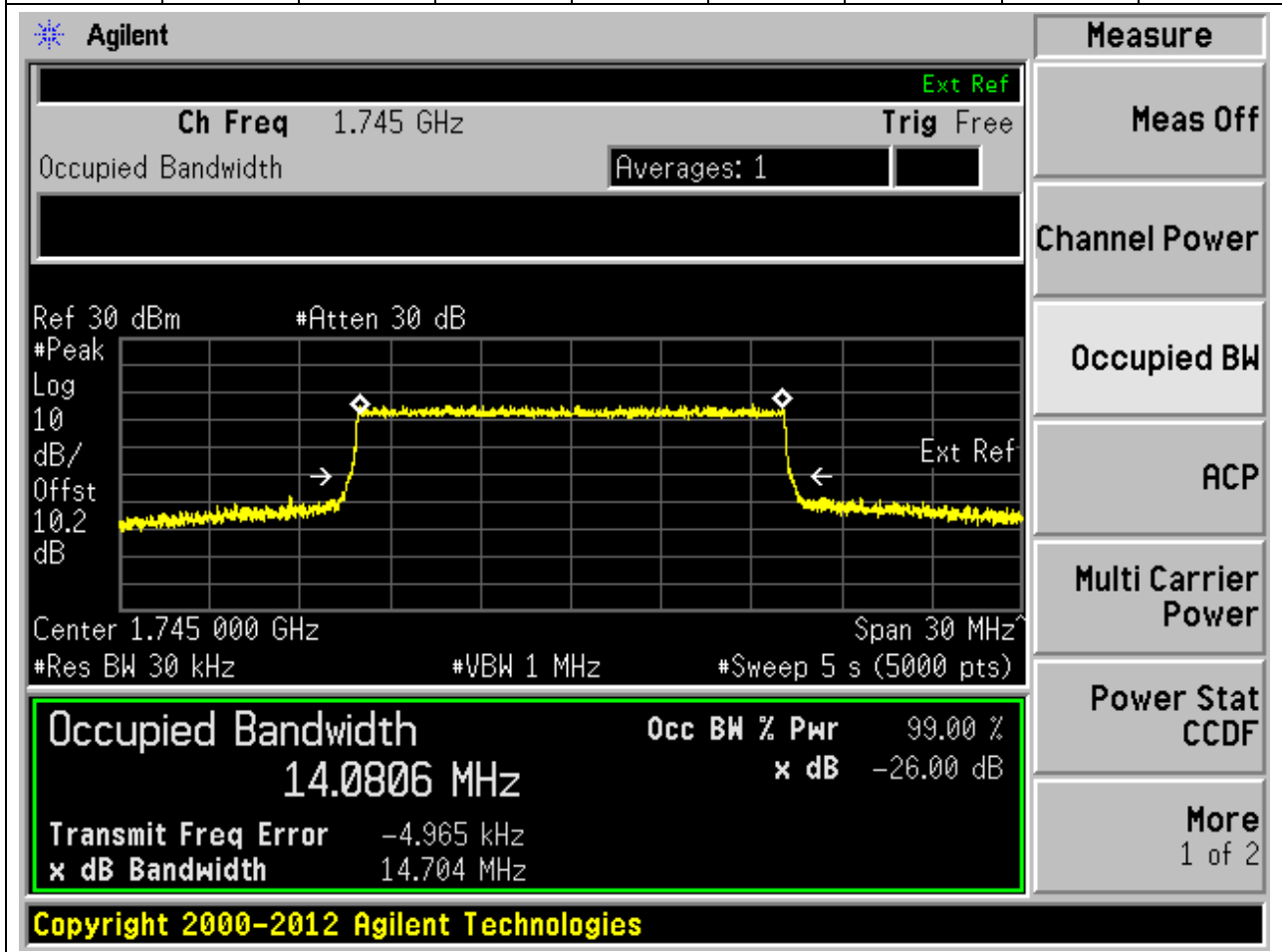
Occupied Bandwidth	Occ BW % Pwr	99.00 %
14.1011 MHz	x dB	-26.00 dB
Transmit Freq Error	-7.741 kHz	
x dB Bandwidth	14.678 MHz	

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

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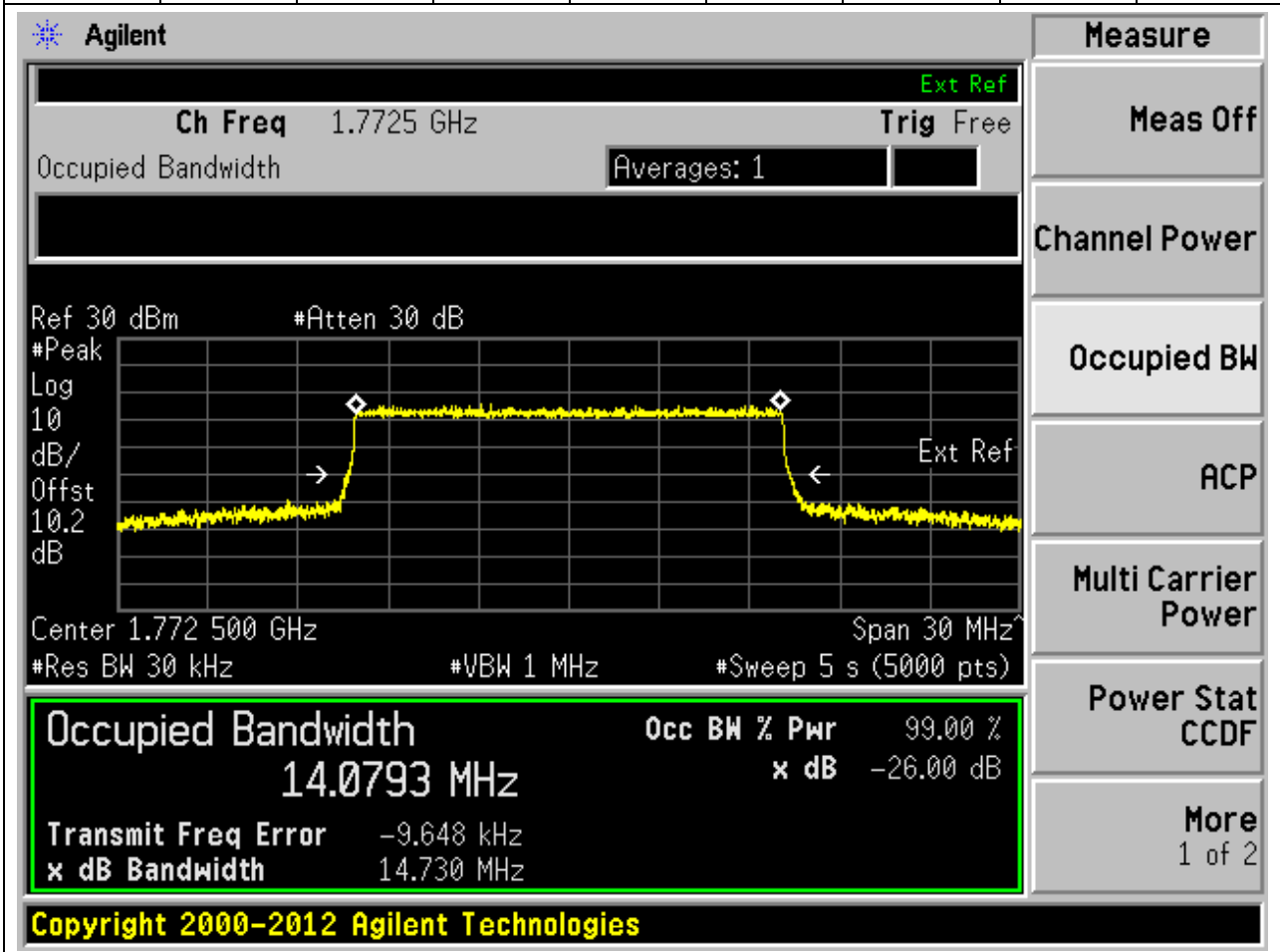
3.26. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.03	Peak	14.08	14.7	15	Pass



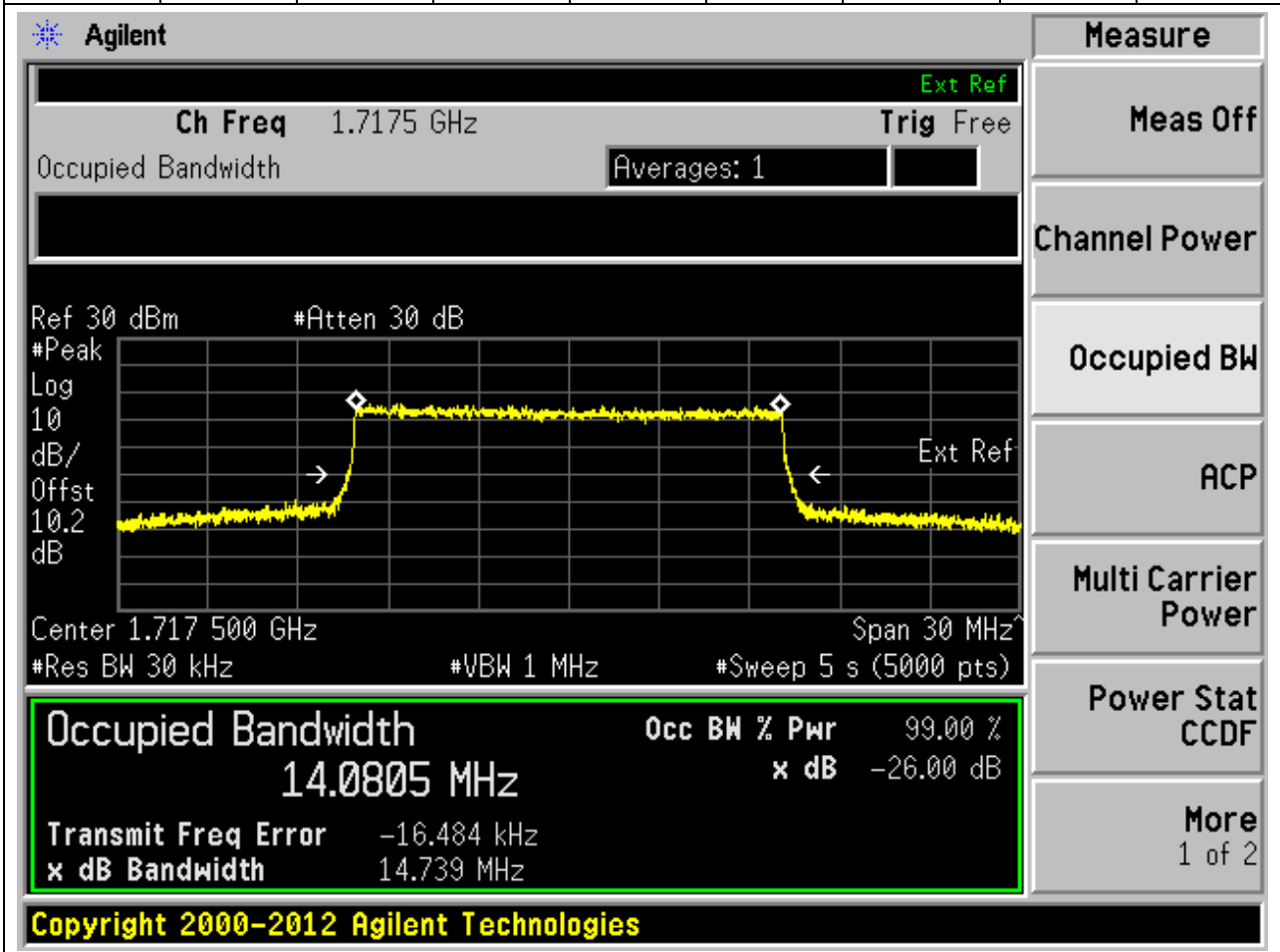
3.27. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:354500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:79, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1772.5	99	26	0.03	Peak	14.08	14.73	15	Pass



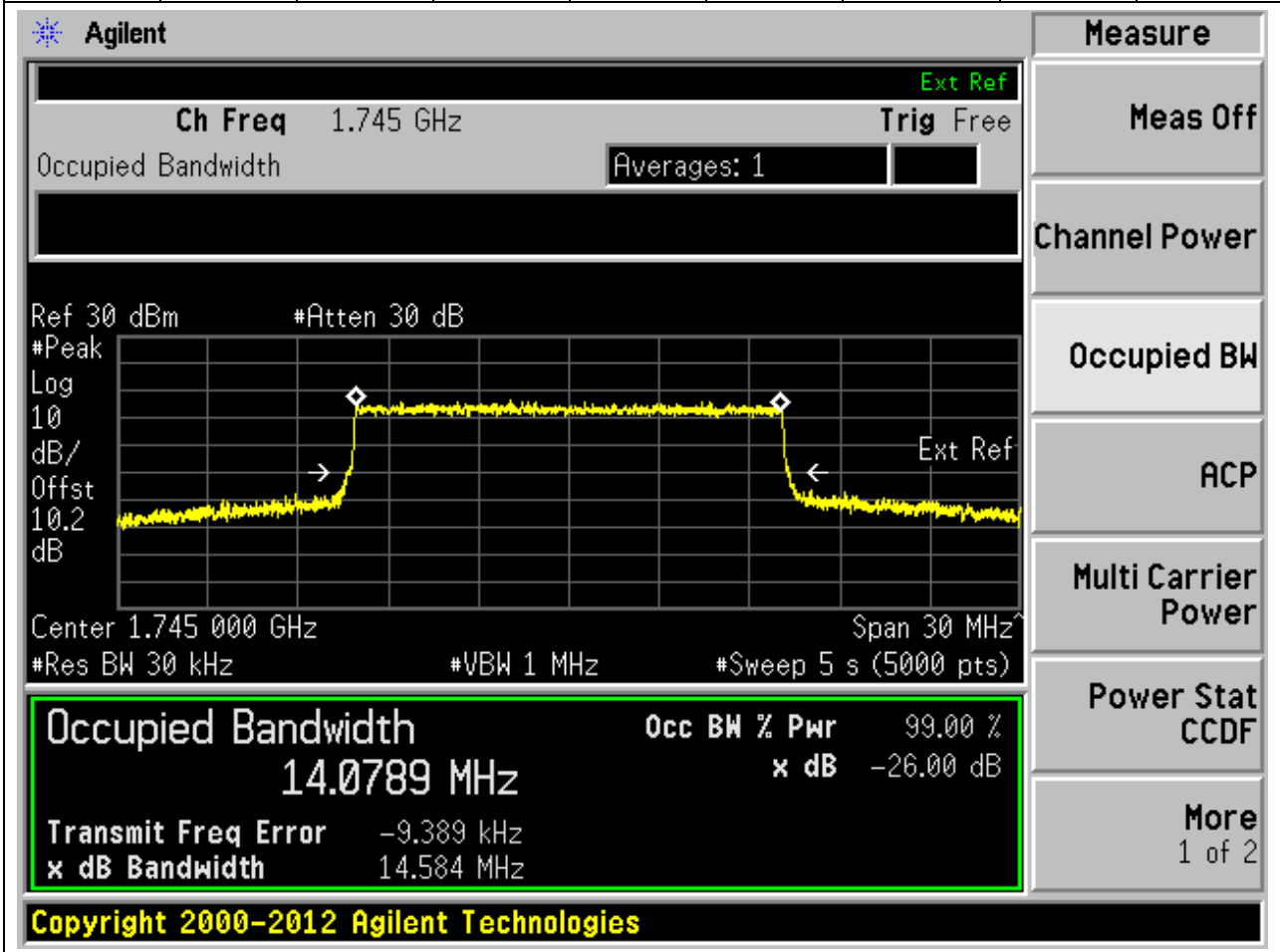
3.28. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:343500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:79, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1717.5	99	26	0.03	Peak	14.08	14.74	15	Pass



3.29. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:79, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.03	Peak	14.08	14.58	15	Pass



3.30. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:354500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:79, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1772.5	99	26	0.03	Peak	14.08	14.62	15	Pass

Agilent

Ch Freq 1.7725 GHz Trig Free

Occupied Bandwidth 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)

Occupied Bandwidth 14.0849 MHz

Occ BW % Pwr 99.00 %

x dB Bandwidth -26.00 dB

Transmit Freq Error -12.872 kHz

x dB Bandwidth 14.617 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

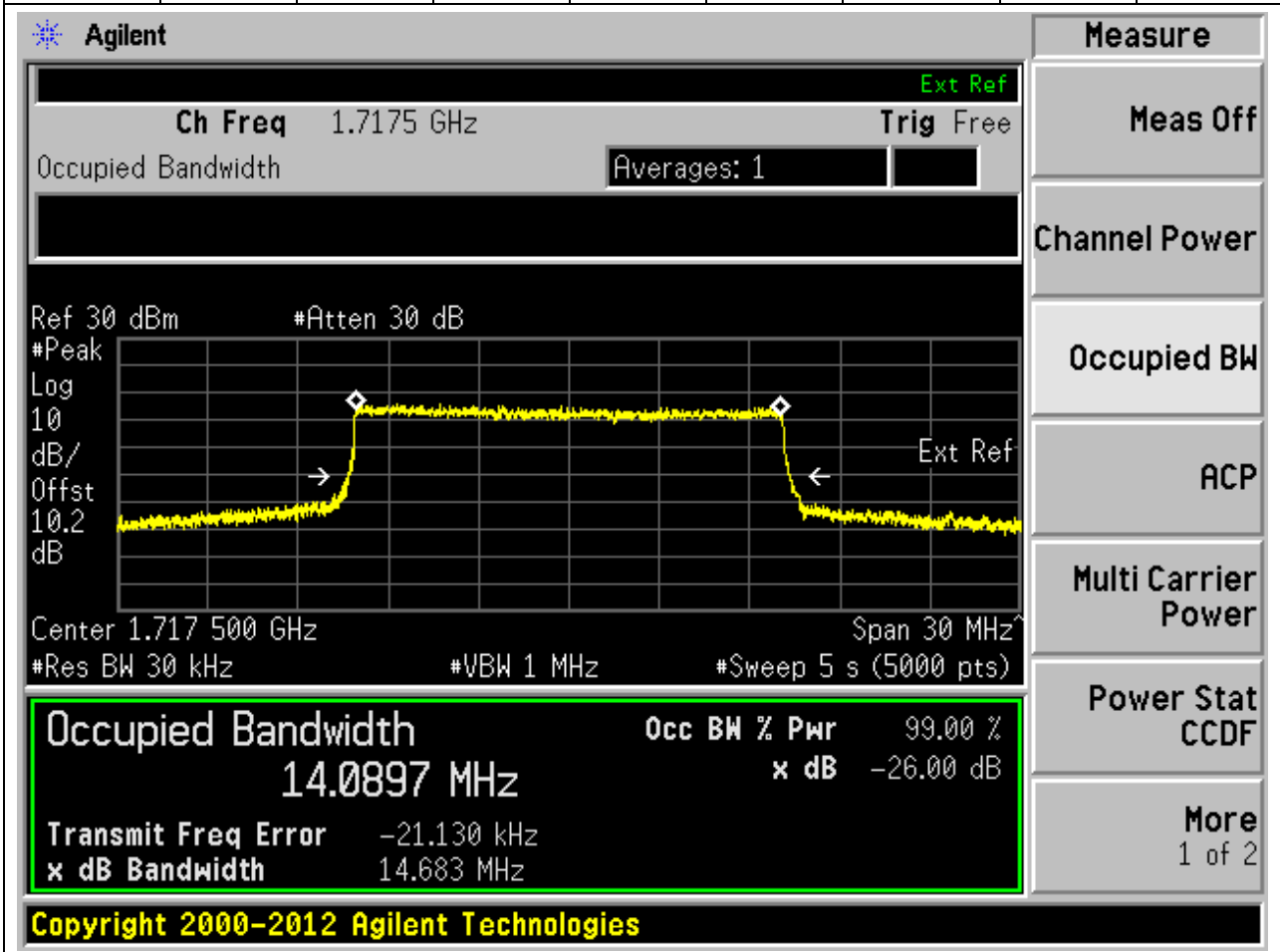
Multi Carrier Power

Power Stat CCDF

More 1 of 2

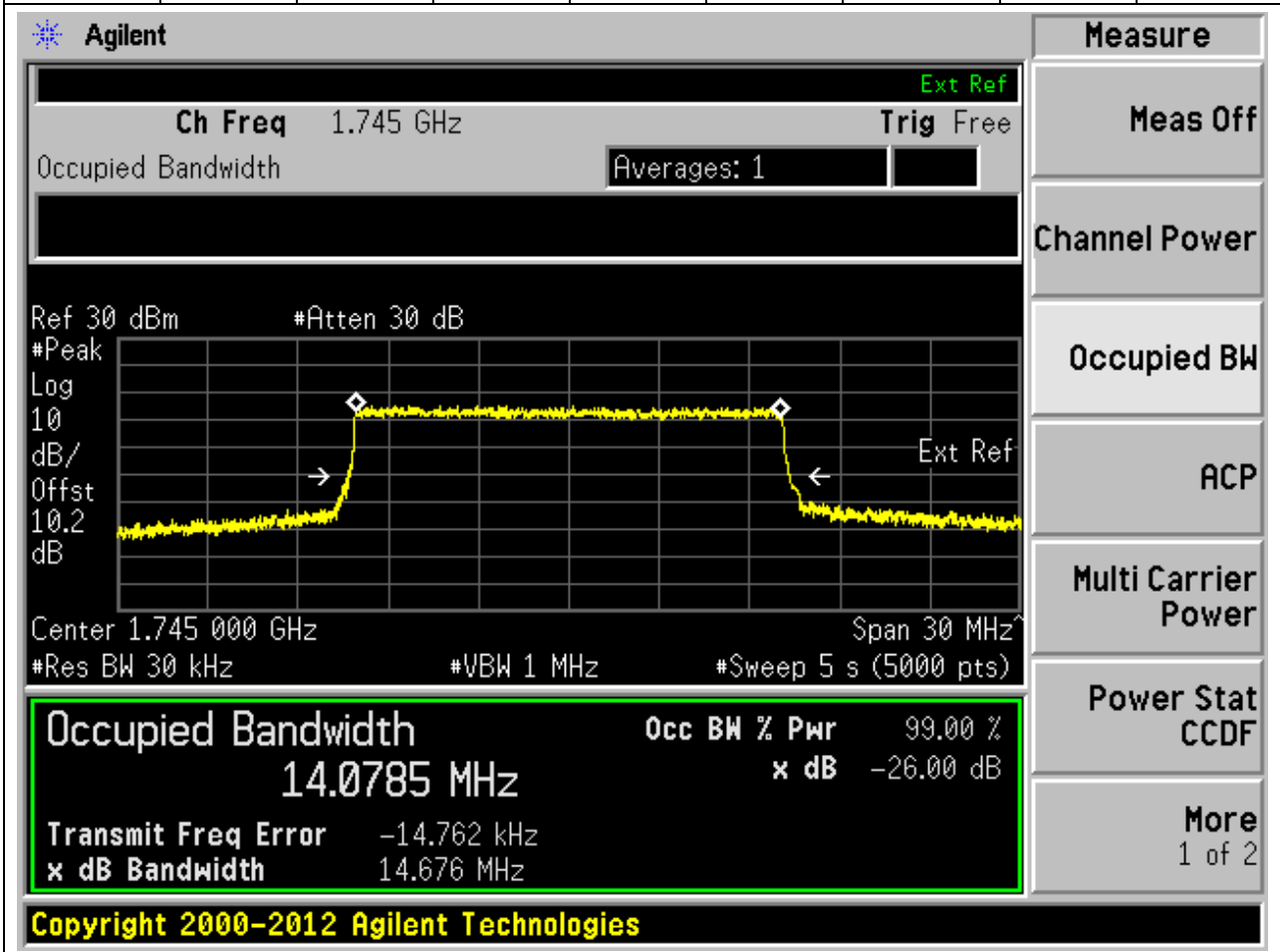
3.31. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:343500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:79, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1717.5	99	26	0.03	Peak	14.09	14.68	15	Pass



3.32. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:79, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.03	Peak	14.08	14.68	15	Pass



3.33. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:354500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:79, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1772.5	99	26	0.03	Peak	14.08	14.69	15	Pass

Agilent
Measure

Ch Freq 1.7725 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 1.772 500 GHz Span 30 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

14.0813 MHz

Transmit Freq Error -15.882 kHz

x dB Bandwidth 14.691 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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3.34. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:343500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:79, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1717.5	99	26	0.03	Peak	14.09	14.57	15	Pass

Agilent
Measure

Ch Freq 1.7175 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 1.717 500 GHz Span 30 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

14.0923 MHz

Transmit Freq Error -17.298 kHz

x dB Bandwidth 14.572 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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3.35. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:79, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.03	Peak	14.08	14.59	15	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 1.745 GHz, and the span is 30 MHz. The occupied bandwidth is measured as 14.0831 MHz, which is 99.00% of the channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -7.841 kHz, and the XdB bandwidth is 14.590 MHz. The interface includes various measurement buttons on the right side, such as 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
14.0831 MHz	x dB	-26.00 dB
Transmit Freq Error	-7.841 kHz	
x dB Bandwidth	14.590 MHz	

3.36. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:354500, Bandwidth:15, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:79, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1772.5	99	26	0.03	Peak	14.08	14.62	15	Pass

Agilent
Measure

Ch Freq 1.7725 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.2 dB

Center 1.772 500 GHz Span 30 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

14.0824 MHz

Transmit Freq Error -8.240 kHz

x dB Bandwidth 14.619 MHz

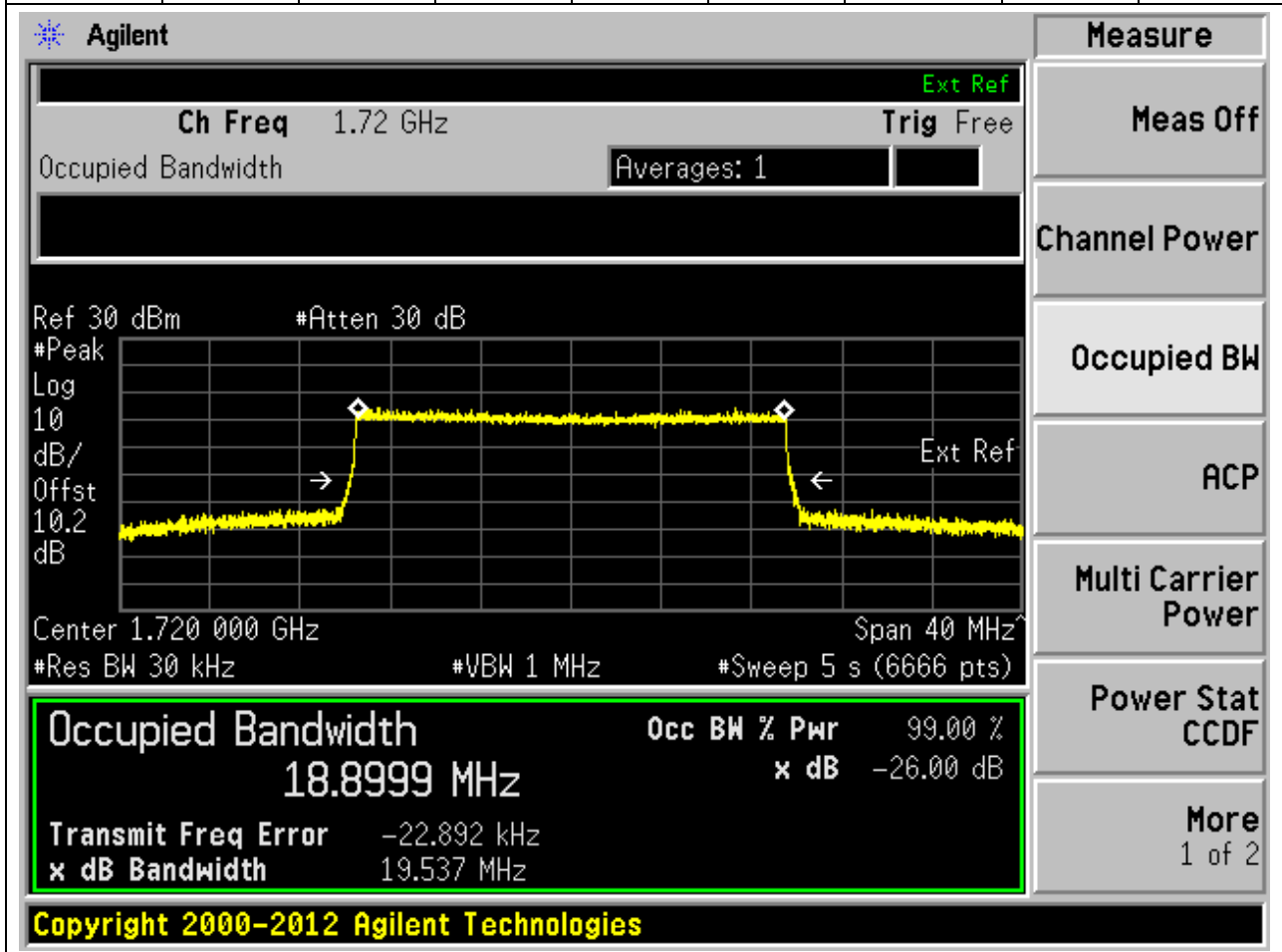
Occ BW % Pwr 99.00 %

x dB -26.00 dB

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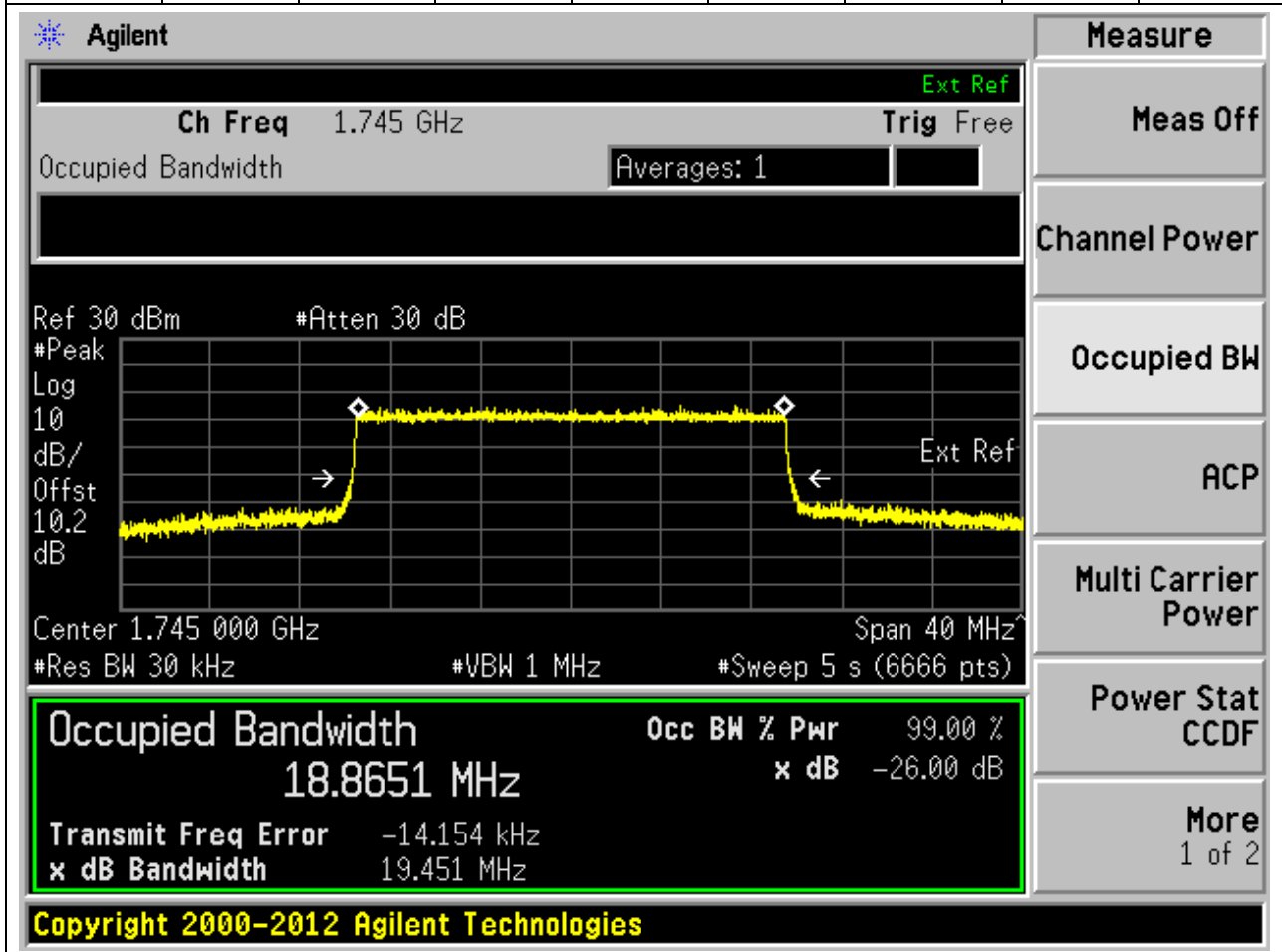
3.37. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:344000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1720	99	26	0.03	Peak	18.9	19.54	20	Pass



3.38. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.03	Peak	18.87	19.45	20	Pass



3.39. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:354000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1770	99	26	0.03	Peak	18.87	19.52	20	Pass

Agilent
Measure

Ch Freq 1.77 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 1.770 000 GHz Span 40 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

18.8739 MHz

Transmit Freq Error -14.982 kHz

x dB Bandwidth 19.516 MHz

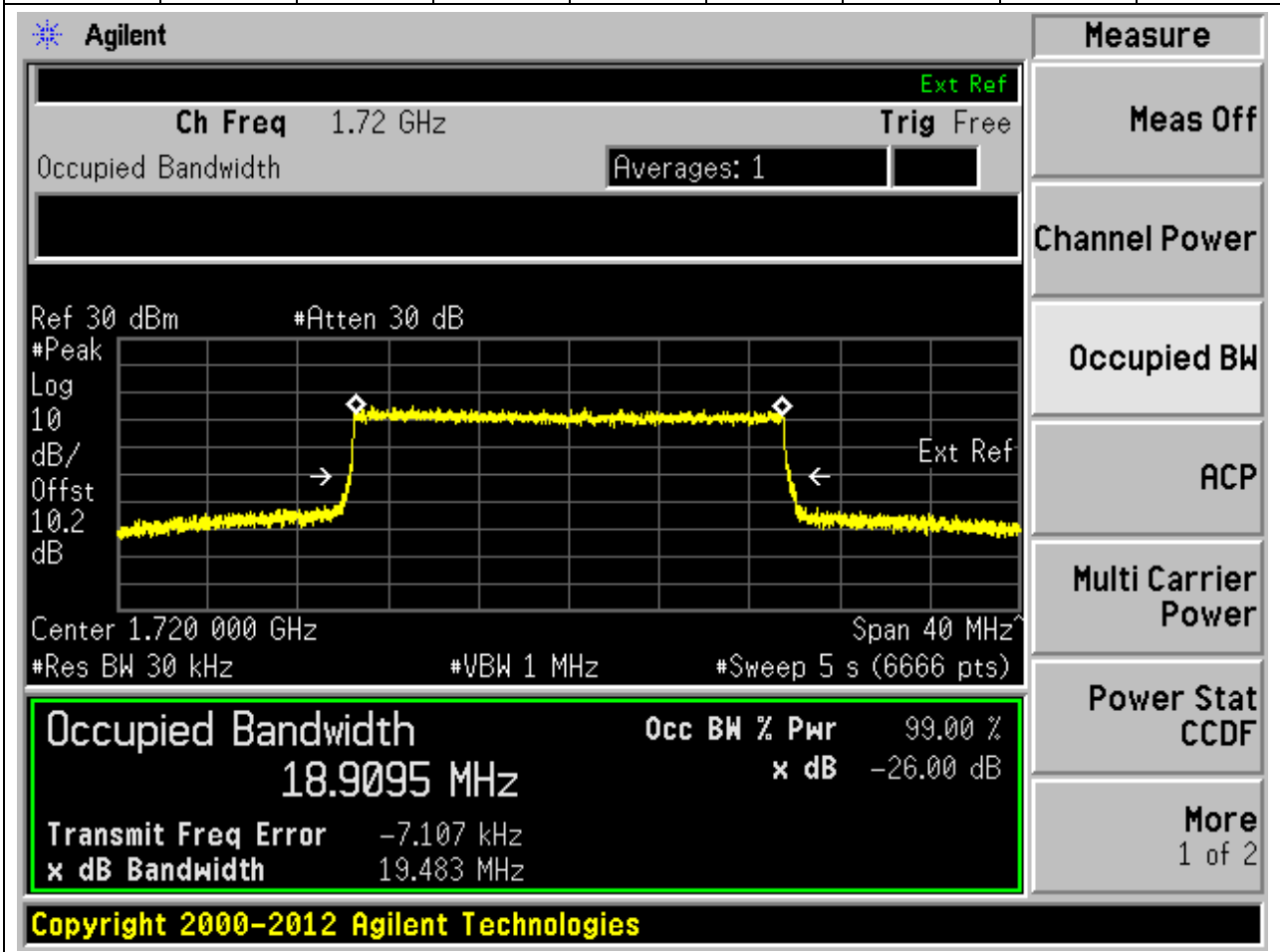
Occ BW % Pwr 99.00 %

x dB -26.00 dB

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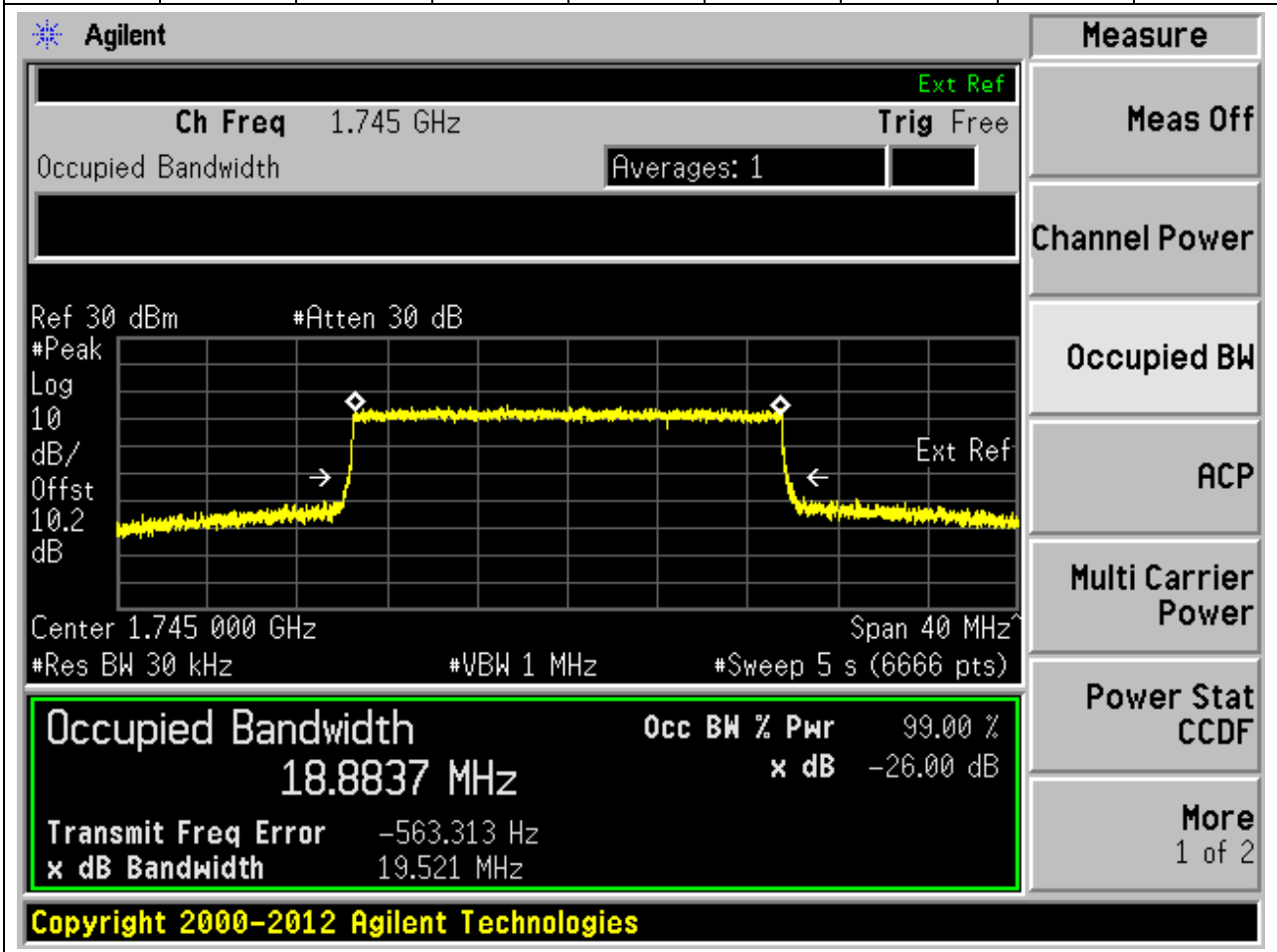
3.40. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:344000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1720	99	26	0.03	Peak	18.91	19.48	20	Pass



3.41. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.03	Peak	18.88	19.52	20	Pass



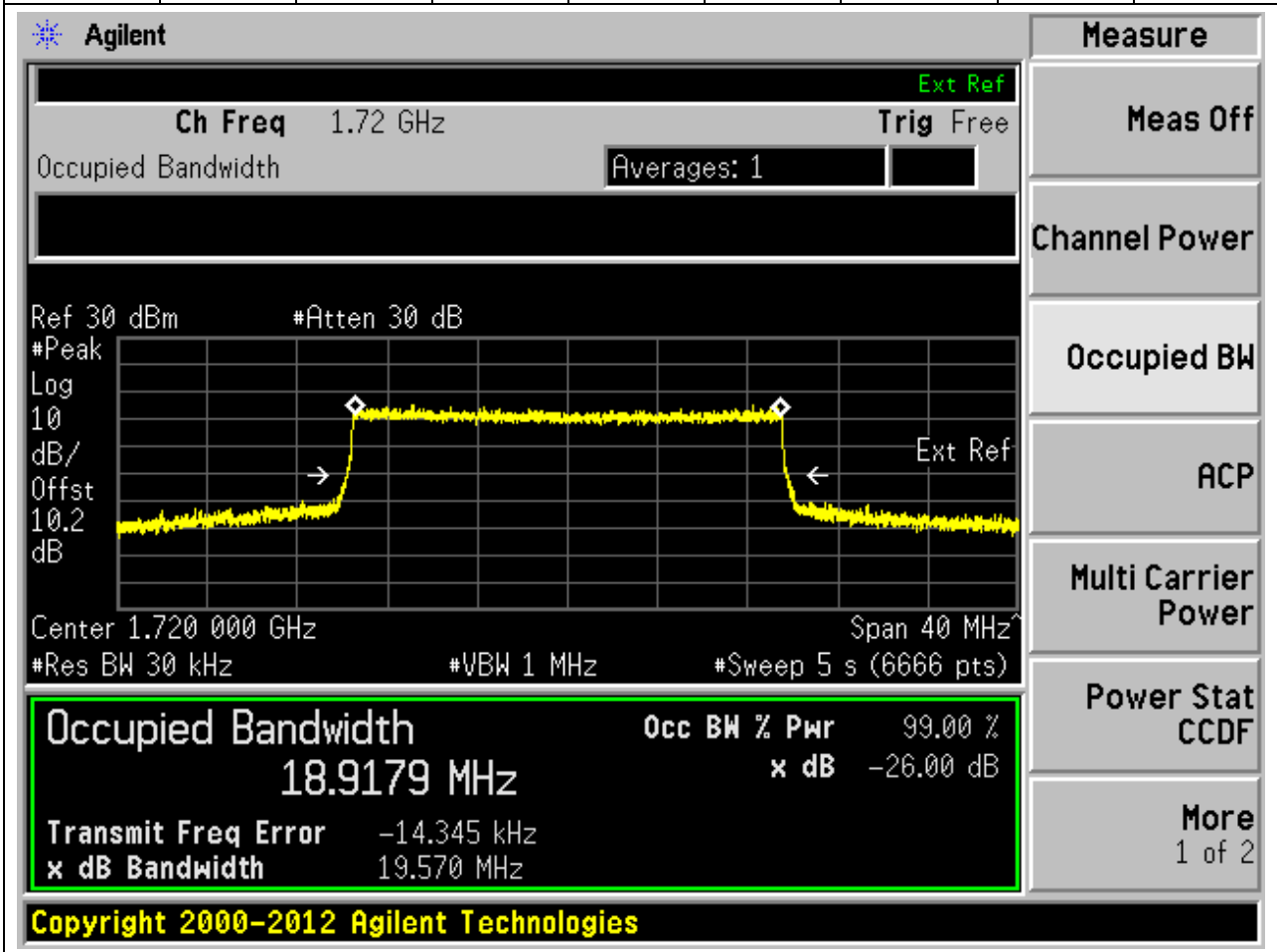
3.42. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:354000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1770	99	26	0.03	Peak	18.9	19.57	20	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 1.77 GHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow signal trace. The plot parameters include 'Ref 30 dBm', '#Atten 30 dB', '#Peak Log', '10 dB/Offst', and '10.2 dB'. The plot shows a signal with a flat top and sloped sides, with two white diamonds marking the -26 dB points. Below the plot, the following parameters are listed: 'Center 1.770 000 GHz', 'Span 40 MHz', '#Res BW 30 kHz', '#VBW 1 MHz', and '#Sweep 5 s (6666 pts)'. A green box highlights the 'Occupied Bandwidth' measurement results: 'Occupied Bandwidth 18.8977 MHz', 'Occ BW % Pwr 99.00 %', and 'x dB -26.00 dB'. Other parameters shown include 'Transmit Freq Error 4.322 kHz' and 'x dB Bandwidth 19.567 MHz'. 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, the copyright notice 'Copyright 2000-2012 Agilent Technologies' is visible.

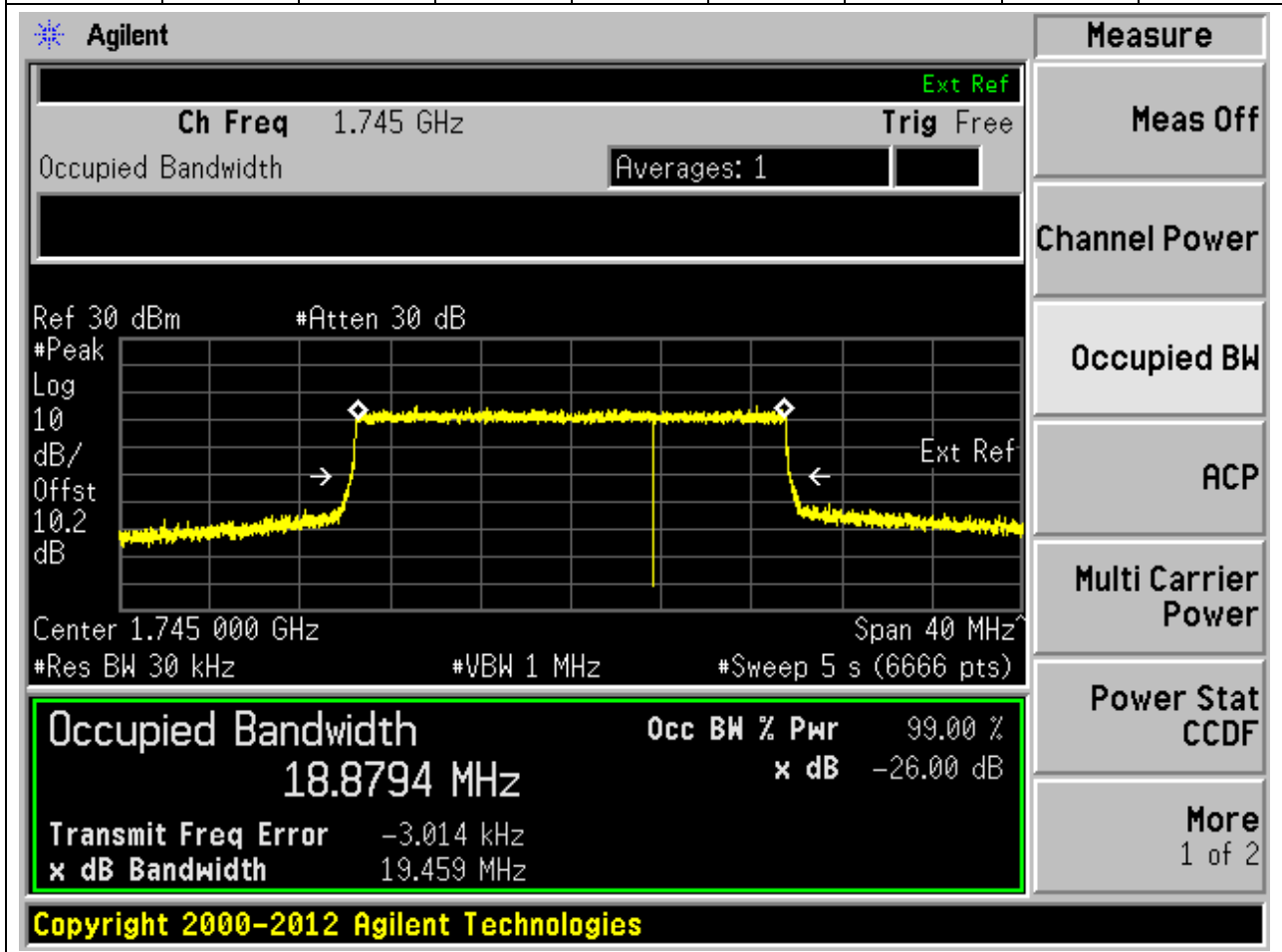
3.43. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:344000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1720	99	26	0.03	Peak	18.92	19.57	20	Pass



3.44. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.03	Peak	18.88	19.46	20	Pass



3.45. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:354000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1770	99	26	0.03	Peak	18.88	19.5	20	Pass

Agilent
Measure

Ch Freq 1.77 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 1.770 000 GHz Span 40 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

18.8815 MHz

Transmit Freq Error -508.145 Hz

x dB Bandwidth 19.502 MHz

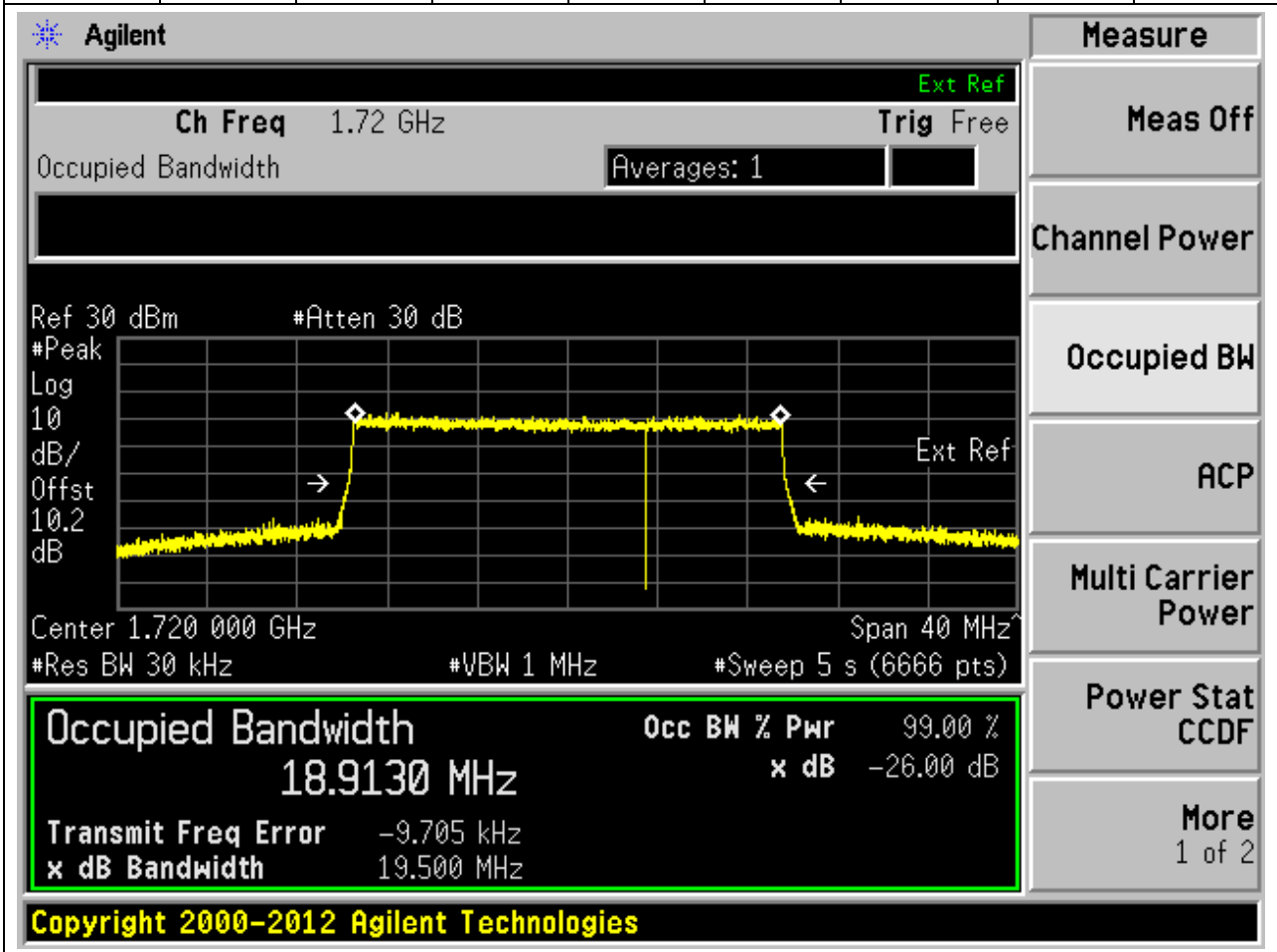
Occ BW % Pwr 99.00 %

x dB -26.00 dB

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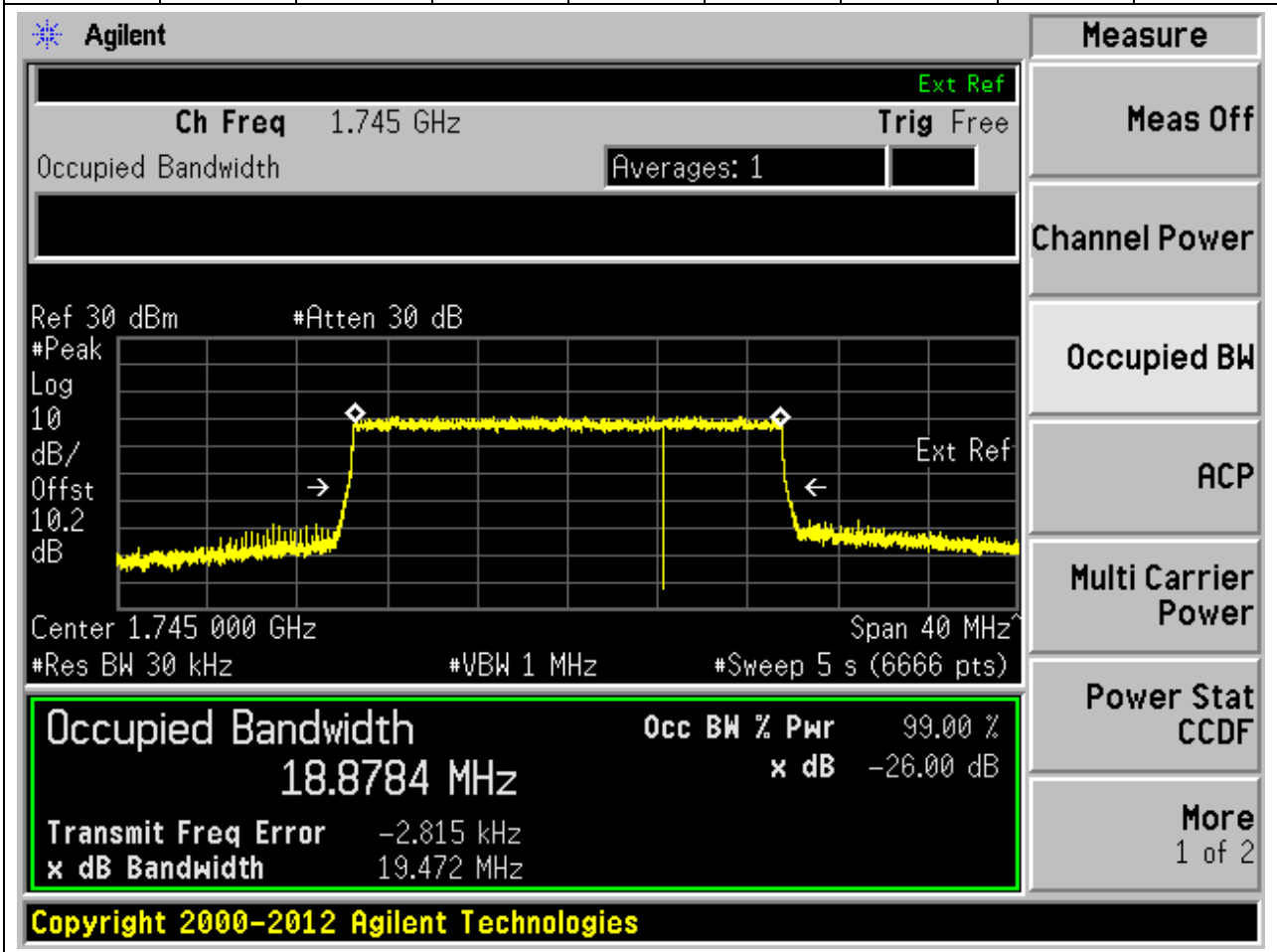
3.46. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:344000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1720	99	26	0.03	Peak	18.91	19.5	20	Pass



3.47. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.03	Peak	18.88	19.47	20	Pass



3.48. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:354000, Bandwidth:20, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1770	99	26	0.03	Peak	18.89	19.52	20	Pass

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

Occupied Bandwidth	Occ BW % Pwr	x dB
18.8868 MHz	99.00 %	-26.00 dB

Additional parameters shown in the interface include: Center 1.770 000 GHz, Span 40 MHz, Res BW 30 kHz, VBW 1 MHz, Sweep 5 s (6666 pts), and Transmit Freq Error 1.661 kHz. The interface also shows a 'Measure' menu with options like Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

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3.49. Occupied Bandwidth for SA_Part22-24-27(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	24.17	26.54	25	Pass

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

Measurement	Value
Occupied Bandwidth	24.1716 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-32.658 kHz
x dB Bandwidth	26.545 MHz

Additional parameters shown in the interface include: Ch Freq 1.7225 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst, 10.2 dB, Center 1.722 500 GHz, Span 50 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

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3.50. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:25, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)

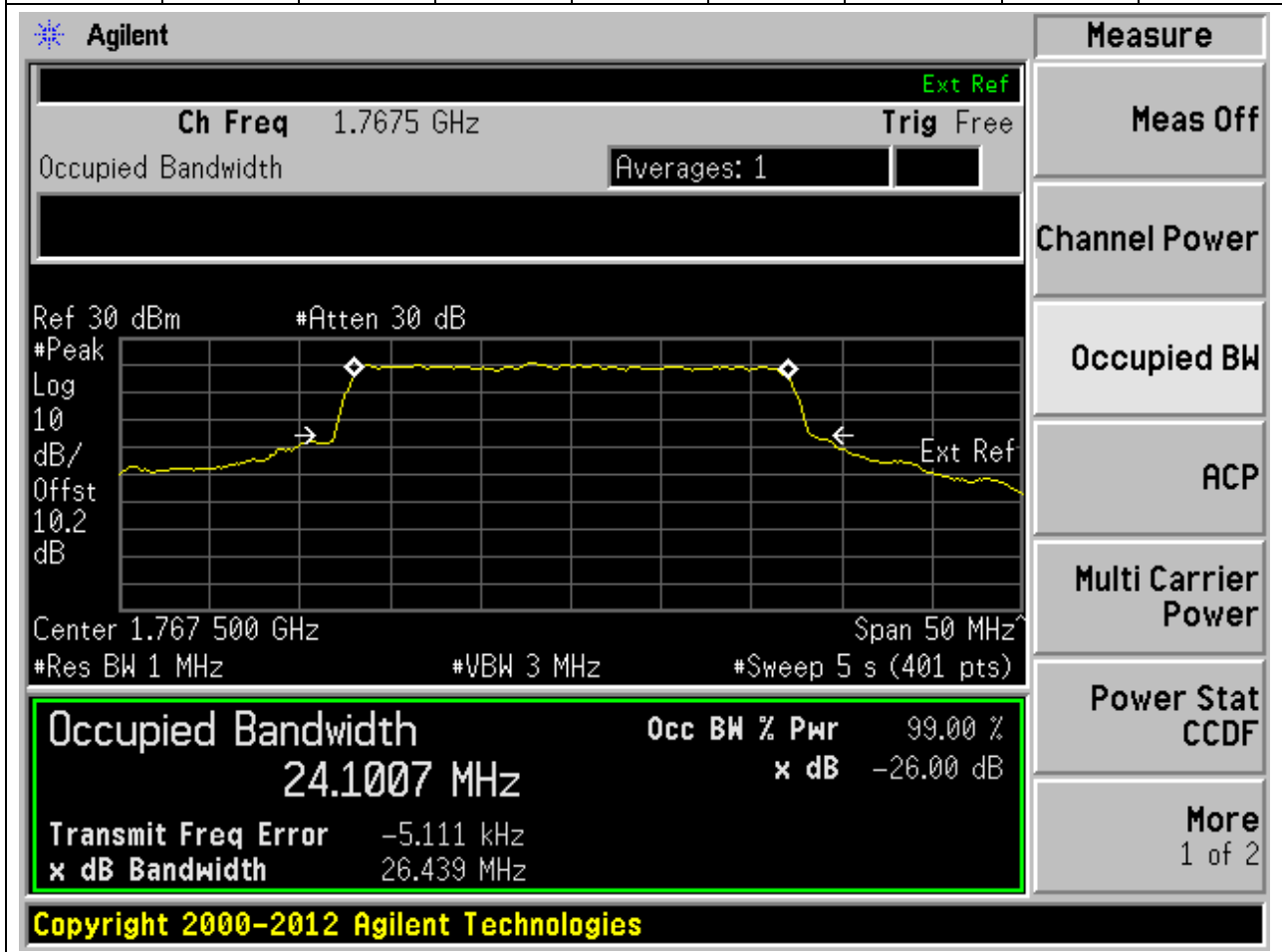
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	1	Peak	24.02	26.26	25	Pass

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 'MHz'. The plot shows a signal centered at 1.745 GHz with a span of 50 MHz. The signal level is approximately -26 dB. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen, showing a value of 24.0226 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -16.426 kHz and the 'x dB Bandwidth' is 26.258 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Occupied Bandwidth	Occ BW % Pwr	x dB
24.0226 MHz	99.00 %	-26.00 dB

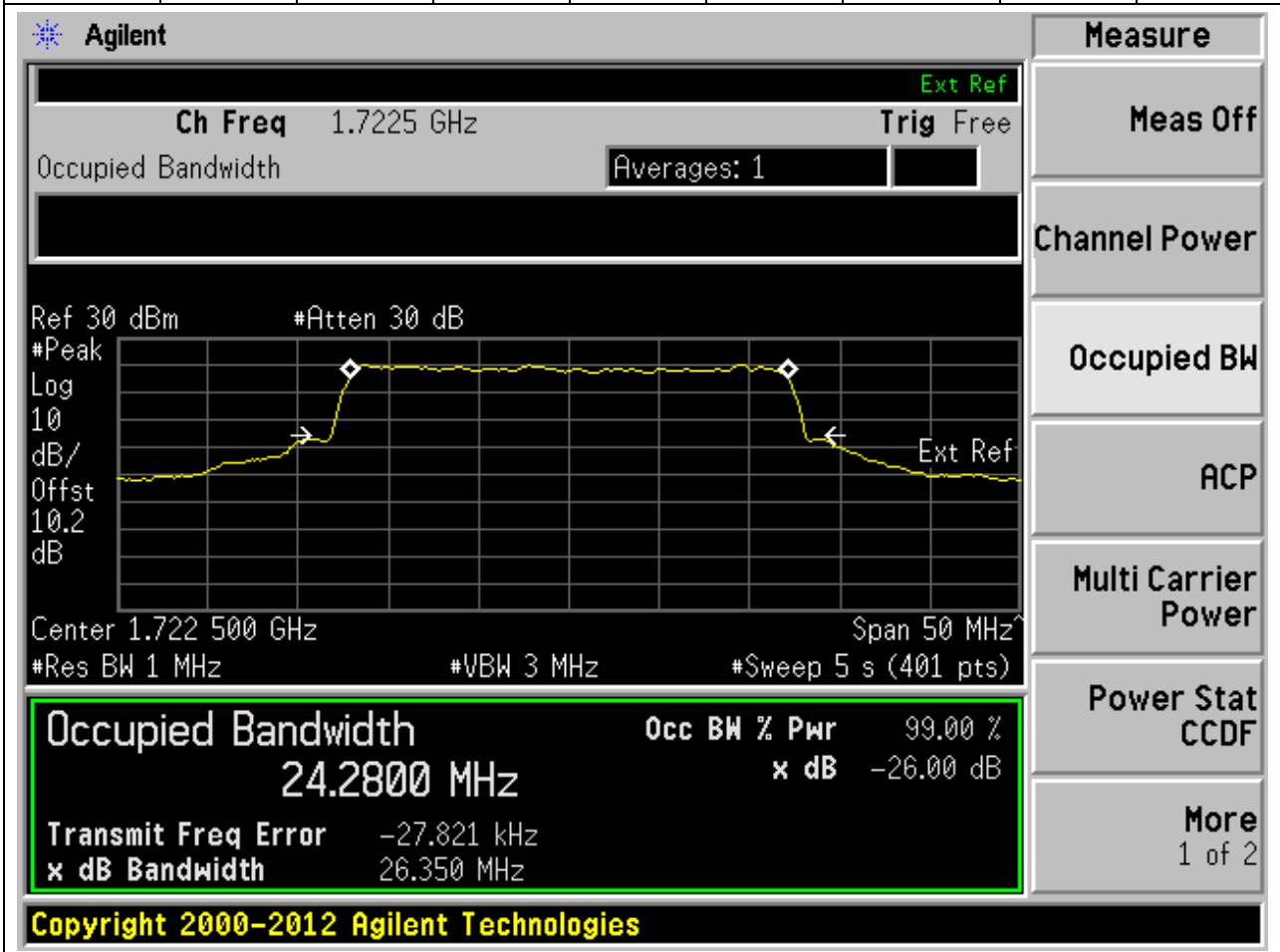
3.51. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:353500, Bandwidth:25, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)

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	24.1	26.44	25	Pass



3.52. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:344500, Bandwidth:25, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:133, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1722.5	99	26	1	Peak	24.28	26.35	25	Pass



3.53. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:25, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:133, RB Position:0)

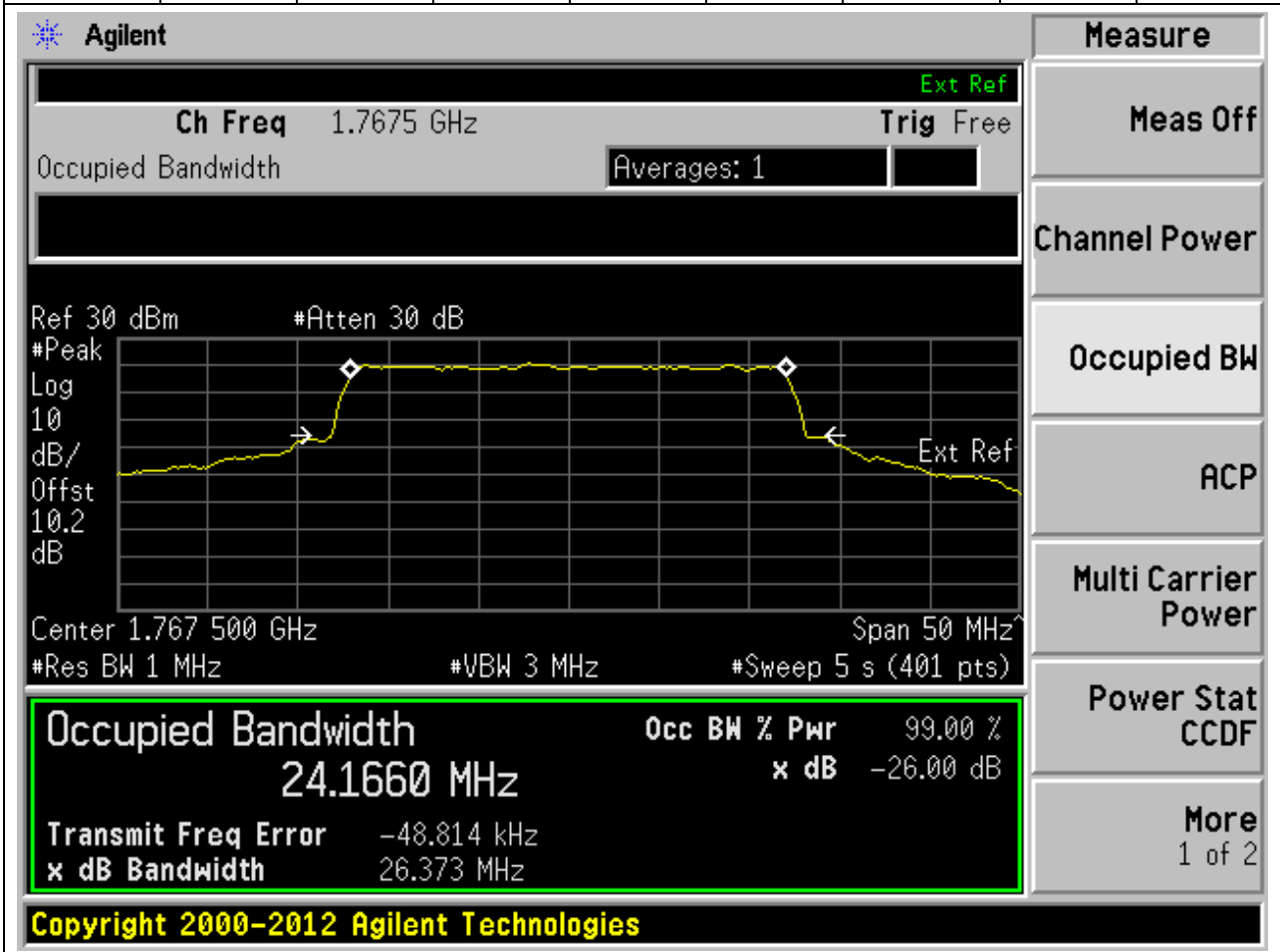
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	1	Peak	24.15	26.27	25	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled '#Peak Log 10 dB/Offst 10.2 dB'. The x-axis is labeled 'Center 1.745 000 GHz' and 'Span 50 MHz'. The plot shows a signal with a peak at approximately 1.745 GHz. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen, showing a value of 24.1488 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -14.246 kHz and the 'x dB Bandwidth' is 26.268 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Occupied Bandwidth	Occ BW % Pwr	x dB
24.1488 MHz	99.00 %	-26.00 dB

3.54. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:353500, Bandwidth:25, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:133, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1767.5	99	26	1	Peak	24.17	26.37	25	Pass



3.55. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:344500, Bandwidth:25, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:133, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1722.5	99	26	1	Peak	24.18	29.05	25	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 1.7225 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 occupied bandwidth is highlighted with a green box, showing a value of 24.1829 MHz. The power level is 99.00% and the XdB down is -26.00 dB. The transmit frequency error is -57.069 kHz and the XdB bandwidth is 29.047 MHz. The interface also shows various measurement settings like Res BW (1 MHz), VBW (3 MHz), and Sweep (5 s).

Occupied Bandwidth	Occ BW % Pwr	x dB
24.1829 MHz	99.00 %	-26.00 dB

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3.56. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:25, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:133, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	1	Peak	24.03	26.26	25	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 1.745 GHz, and the span is 50 MHz. The occupied bandwidth is measured as 24.0282 MHz, which is 99.00% of the channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -41.249 kHz, and the XdB bandwidth is 26.261 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'. The bottom of the screen shows the copyright information: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
24.0282 MHz	x dB	-26.00 dB
Transmit Freq Error	-41.249 kHz	
x dB Bandwidth	26.261 MHz	

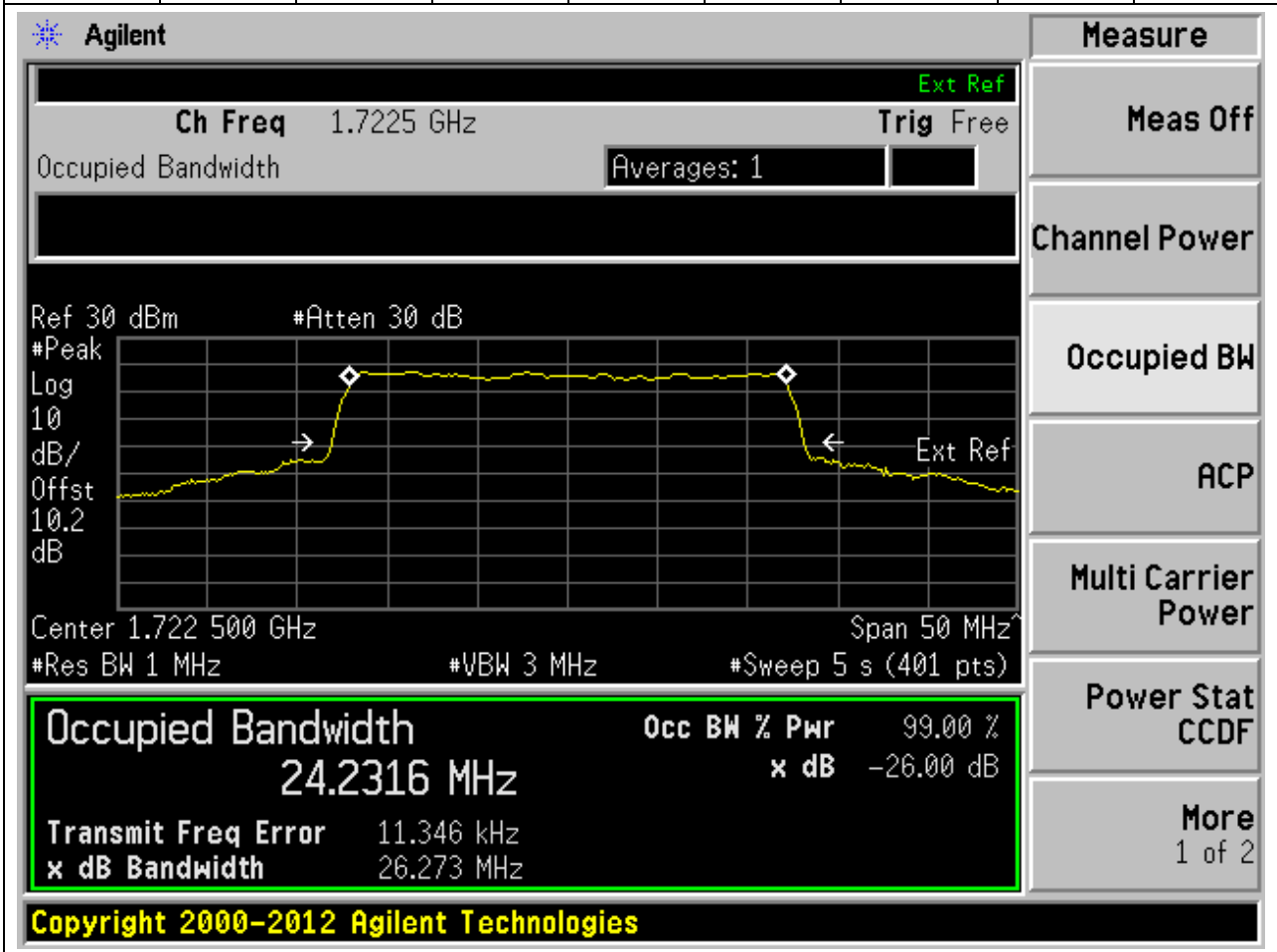
3.57. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:353500, Bandwidth:25, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:133, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1767.5	99	26	1	Peak	24.11	26.38	25	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The 'Occupied Bandwidth' measurement is highlighted in a green box, showing a value of 24.1055 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -56.825 kHz and the 'x dB Bandwidth' is 26.380 MHz. The interface also shows various settings like 'Ch Freq 1.7675 GHz', 'Ref 30 dBm', '#Atten 30 dB', and 'Span 50 MHz'. A vertical toolbar on the right contains measurement options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen displays the copyright notice 'Copyright 2000-2012 Agilent Technologies'.

3.58. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:344500, Bandwidth:25, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:133, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1722.5	99	26	1	Peak	24.23	26.27	25	Pass



3.59. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:25, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:133, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	1	Peak	24.1	26.16	25	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 1.745 GHz, and the span is 50 MHz. The occupied bandwidth is measured as 24.0957 MHz, which is 99.00% of the channel bandwidth. The XdB down is -26.00 dB. The interface includes various measurement controls and a list of measurement options on the right side.

Measurement	Value
Occupied Bandwidth	24.0957 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	32.234 kHz
x dB Bandwidth	26.162 MHz

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3.60. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:353500, Bandwidth:25, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:133, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1767.5	99	26	1	Peak	24.16	26.25	25	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 1.767 500 GHz'. The plot shows a signal with a peak at approximately 1.7675 GHz. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen, showing a value of 24.1573 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB Bandwidth' is -26.00 dB. The 'Transmit Freq Error' is 23.638 kHz. The 'x dB Bandwidth' is 26.246 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Occupied Bandwidth	Occ BW % Pwr
24.1573 MHz	99.00 %
Transmit Freq Error	x dB Bandwidth
23.638 kHz	26.246 MHz

3.61. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:345000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:160, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1725	99	26	1	Peak	28.9	31.16	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 1.725 GHz, and the span is 60 MHz. The occupied bandwidth is measured as 28.8980 MHz, which is 99.00% of the channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -21.098 kHz, and the x dB bandwidth is 31.161 MHz. The interface includes various measurement controls and a 'Measure' menu on the right side.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
28.8980 MHz	x dB	-26.00 dB
Transmit Freq Error	-21.098 kHz	
x dB Bandwidth	31.161 MHz	

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3.62. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:160, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	1	Peak	28.72	31.05	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 1.745 GHz. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'dB/Offst' and the x-axis is 'MHz'. A green box highlights the measurement results at the bottom of the screen:

Occupied Bandwidth	Occ BW % Pwr	99.00 %
28.7174 MHz	x dB	-26.00 dB
Transmit Freq Error	-32.362 kHz	
x dB Bandwidth	31.051 MHz	

Additional parameters shown include: Center 1.745 00 GHz, Span 60 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts). The right-hand side of the interface contains a 'Measure' menu with options: Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

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3.63. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:353000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:160, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1765	99	26	1	Peak	28.84	31.16	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 28.8414 MHz, which is 99.00% of the channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -51.946 kHz, and the XdB bandwidth is 31.160 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 %
28.8414 MHz	x dB	-26.00 dB
Transmit Freq Error	-51.946 kHz	
x dB Bandwidth	31.160 MHz	

3.64. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:345000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:160, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1725	99	26	1	Peak	28.99	31.23	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is titled 'Occupied Bandwidth' and shows a signal centered at 1.725 GHz. The plot parameters are: Center 1.725 00 GHz, Span 60 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts). The plot shows a signal with a peak level of approximately -26 dB and a bandwidth of 28.9901 MHz. The plot also shows a reference level of 30 dBm and an attenuation of 30 dB. The plot is titled 'Occupied Bandwidth' and shows a signal centered at 1.725 GHz. The plot parameters are: Center 1.725 00 GHz, Span 60 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts). The plot shows a signal with a peak level of approximately -26 dB and a bandwidth of 28.9901 MHz. The plot also shows a reference level of 30 dBm and an attenuation of 30 dB.

Occupied Bandwidth	Occ BW % Pwr	x dB
28.9901 MHz	99.00 %	-26.00 dB

Other parameters shown in the screenshot include: Ch Freq 1.725 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 10.2 dB, Transmit Freq Error 10.982 kHz, x dB Bandwidth 31.225 MHz.

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3.65. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:160, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	1	Peak	28.81	31.1	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 1.745 GHz, and the span is 60 MHz. The occupied bandwidth is measured as 28.8102 MHz, which is 99.00% of the channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is 1.354 kHz, and the x dB bandwidth is 31.096 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'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
28.8102 MHz	x dB	-26.00 dB
Transmit Freq Error	1.354 kHz	
x dB Bandwidth	31.096 MHz	

3.66. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:353000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:160, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1765	99	26	1	Peak	28.88	31.16	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 1.765 GHz' and 'Trig Free'. The 'Occupied Bandwidth' measurement is highlighted with a green box, showing a value of 28.8814 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -49.567 kHz and the 'x dB Bandwidth' is 31.160 MHz. The graph shows a signal with a peak at 1.765 GHz and a bandwidth of approximately 30 MHz. The 'Ext Ref' is marked on the graph. 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
28.8814 MHz	99.00 %
x dB Bandwidth	x dB
31.160 MHz	-26.00 dB

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3.67. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:345000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:160, RB Position:0)

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	29.03	34.55	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 1.725 GHz. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen.

Occupied Bandwidth 29.0338 MHz

Occ BW % Pwr 99.00 %

x dB Bandwidth 34.555 MHz

x dB -26.00 dB

Transmit Freq Error -23.136 kHz

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3.68. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:160, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	1	Peak	28.81	31.23	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 1.745 GHz, and the span is 60 MHz. The occupied bandwidth is measured as 28.8114 MHz, which is 99.00% of the channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -19.623 kHz, and the x dB bandwidth is 31.233 MHz. The interface includes various measurement controls and a 'Measure' menu on the right side.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
28.8114 MHz	x dB	-26.00 dB
Transmit Freq Error	-19.623 kHz	
x dB Bandwidth	31.233 MHz	

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3.69. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:353000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:160, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1765	99	26	1	Peak	28.93	33.49	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 28.9277 MHz, which is 99.00% of the 30 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -58.263 kHz, and the x dB bandwidth is 33.486 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
28.9277 MHz	99.00 %	-26.00 dB

Transmit Freq Error: -58.263 kHz
x dB Bandwidth: 33.486 MHz

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3.70. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:345000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:160, RB Position:0)

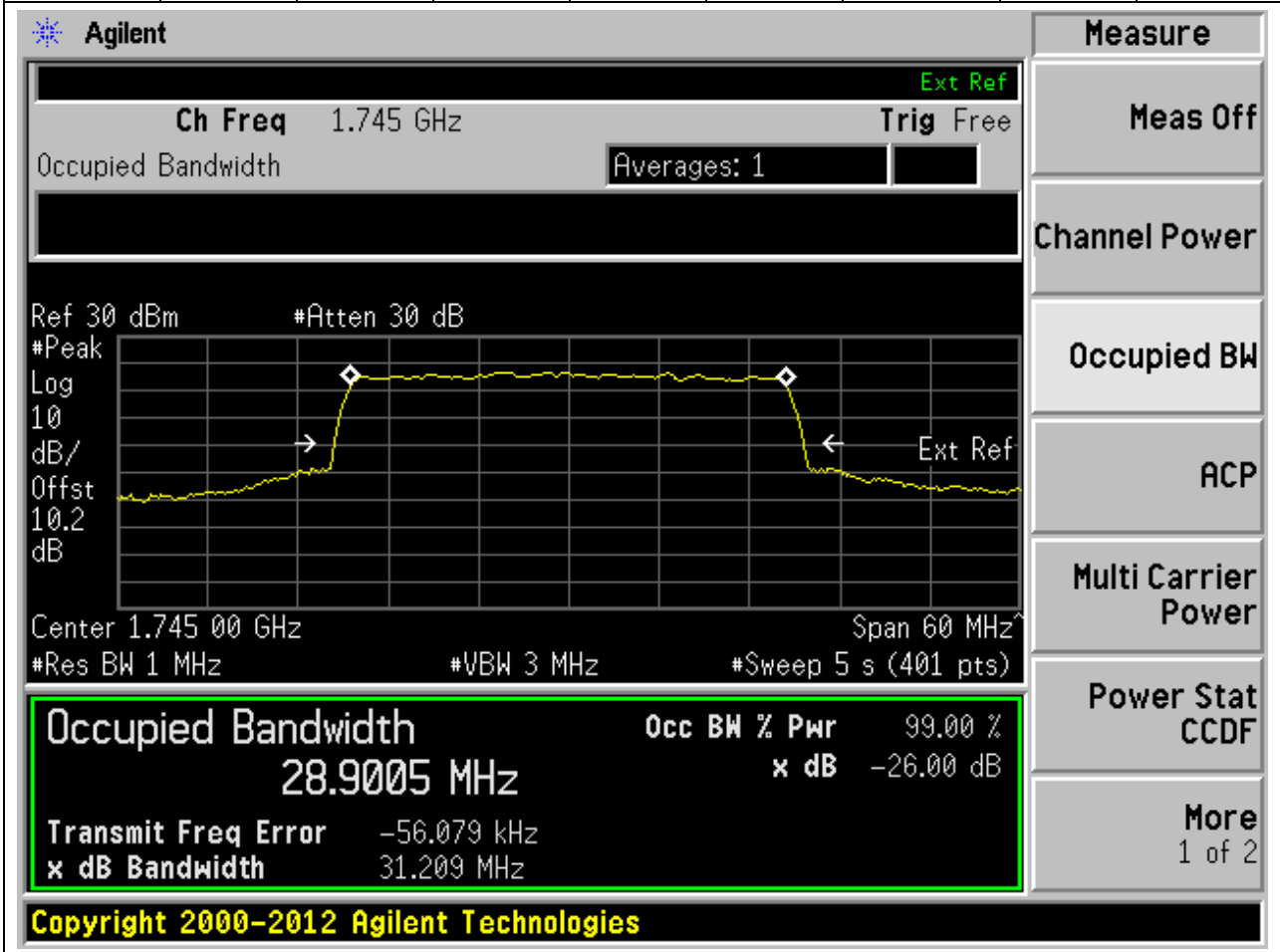
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1725	99	26	1	Peak	29.08	31.35	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 1.725 GHz, and the span is 60 MHz. The occupied bandwidth is measured as 29.0780 MHz, which is 99.00% of the channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -34.306 kHz, and the x dB bandwidth is 31.347 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 %
29.0780 MHz	x dB	-26.00 dB
Transmit Freq Error	-34.306 kHz	
x dB Bandwidth	31.347 MHz	

3.71. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:160, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	1	Peak	28.9	31.21	30	Pass



3.72. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:353000, Bandwidth:30, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:160, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1765	99	26	1	Peak	28.99	31.28	30	Pass

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

Measurement	Value
Occupied Bandwidth	28.9933 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-75.112 kHz
x dB Bandwidth	31.277 MHz

Additional parameters shown in the interface include: Ch Freq 1.765 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst, 10.2 dB, Center 1.765 00 GHz, Span 60 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

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1.1. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:345500, Bandwidth:35, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:188, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1727.5	99	26	1	Peak	33.95	36.31	35	Pass

Agilent
Measure

Ch Freq 1.7275 GHz Ext Ref

Occupied Bandwidth Trig Free

Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 10.4 dB

Center 1.727 500 GHz Span 70 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth Occ BW % Pwr 99.00 %

33.9512 MHz x dB -26.00 dB

Transmit Freq Error 44.068 kHz

x dB Bandwidth 36.305 MHz

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1.2. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:35, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:188, 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	33.77	36.22	35	Pass

Agilent
Measure

Ch Freq 1.745 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	Occ BW % Pwr 99.00 %
33.7672 MHz	x dB -26.00 dB
Transmit Freq Error 35.947 kHz	
x dB Bandwidth 36.224 MHz	

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1.3. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:352500, Bandwidth:35, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:188, RB Position:0)

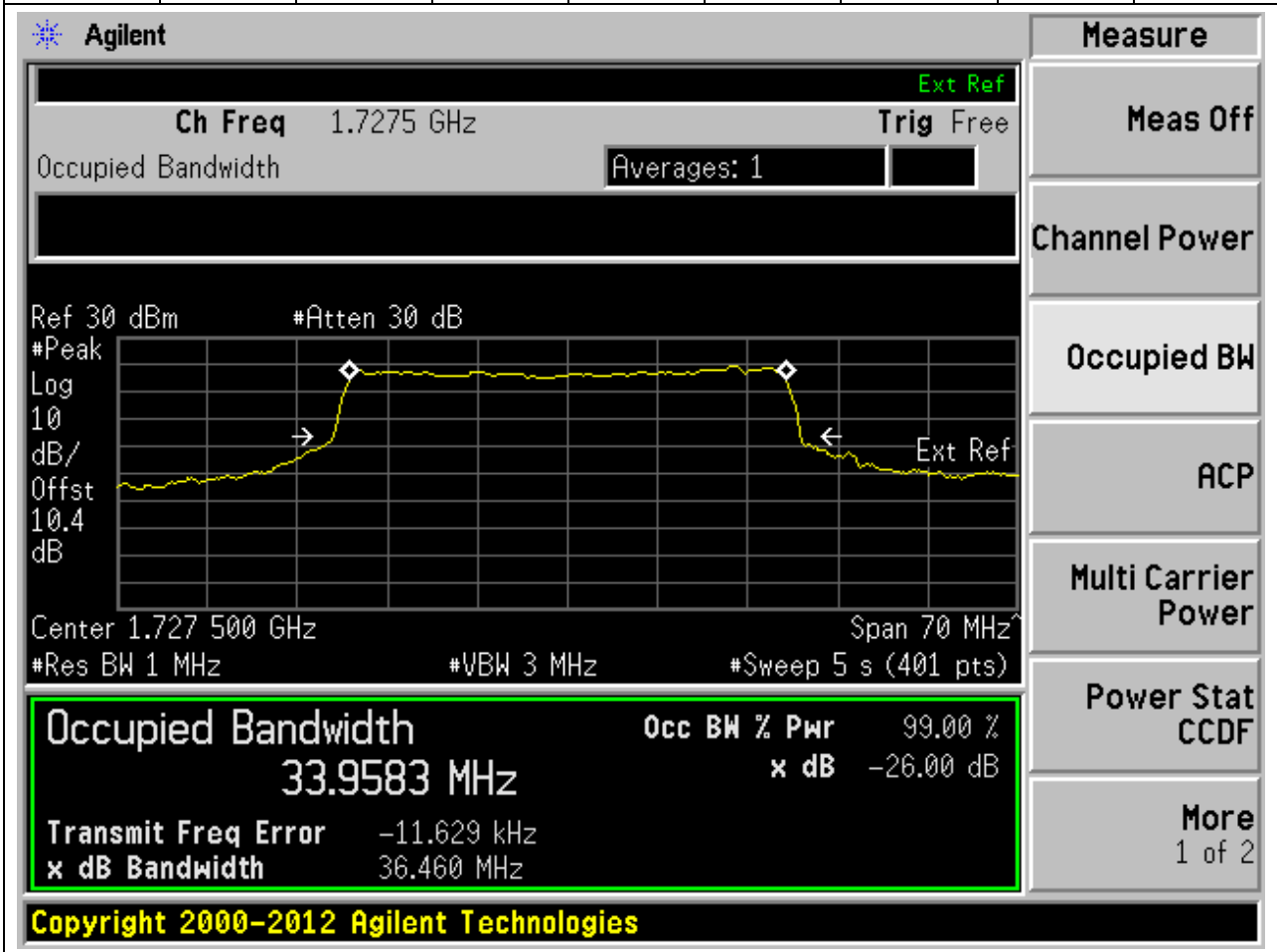
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1762.5	99	26	1	Peak	33.87	36.28	35	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 1.7625 GHz, and the span is 70 MHz. The occupied bandwidth is measured as 33.8701 MHz, which is 99.00% of the channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -30.523 kHz, and the XdB bandwidth is 36.282 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'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
33.8701 MHz	x dB	-26.00 dB
Transmit Freq Error	-30.523 kHz	
x dB Bandwidth	36.282 MHz	

1.4. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:345500, Bandwidth:35, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:188, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1727.5	99	26	1	Peak	33.96	36.46	35	Pass



1.5. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:35, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:188, 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	33.75	36.27	35	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 1.745 GHz. The main display shows a spectrum plot with a yellow trace. The plot parameters include a reference level of 30 dBm, an attenuation of 30 dB, a resolution bandwidth of 1 MHz, and a video bandwidth of 3 MHz. The occupied bandwidth is measured as 33.7460 MHz, which is 99.00% of the channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -34.808 kHz, and the XdB bandwidth is 36.269 MHz. The interface also shows a 'Measure' menu with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The copyright notice at the bottom reads 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
33.7460 MHz	x dB	-26.00 dB
Transmit Freq Error	-34.808 kHz	
x dB Bandwidth	36.269 MHz	

1.6. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:352500, Bandwidth:35, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:188, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1762.5	99	26	1	Peak	33.85	36.52	35	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is titled 'Occupied Bandwidth' and shows a signal centered at 1.7625 GHz. The plot parameters are: Center 1.762 500 GHz, Span 70 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts). The plot shows a signal with a peak level of approximately -26 dB and a bandwidth of 33.85 MHz. The plot also shows a reference level of 30 dB and an attenuation of 30 dB. The plot is titled 'Occupied Bandwidth' and shows a signal centered at 1.7625 GHz. The plot parameters are: Center 1.762 500 GHz, Span 70 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts). The plot shows a signal with a peak level of approximately -26 dB and a bandwidth of 33.85 MHz. The plot also shows a reference level of 30 dB and an attenuation of 30 dB.

Occupied Bandwidth 33.8507 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

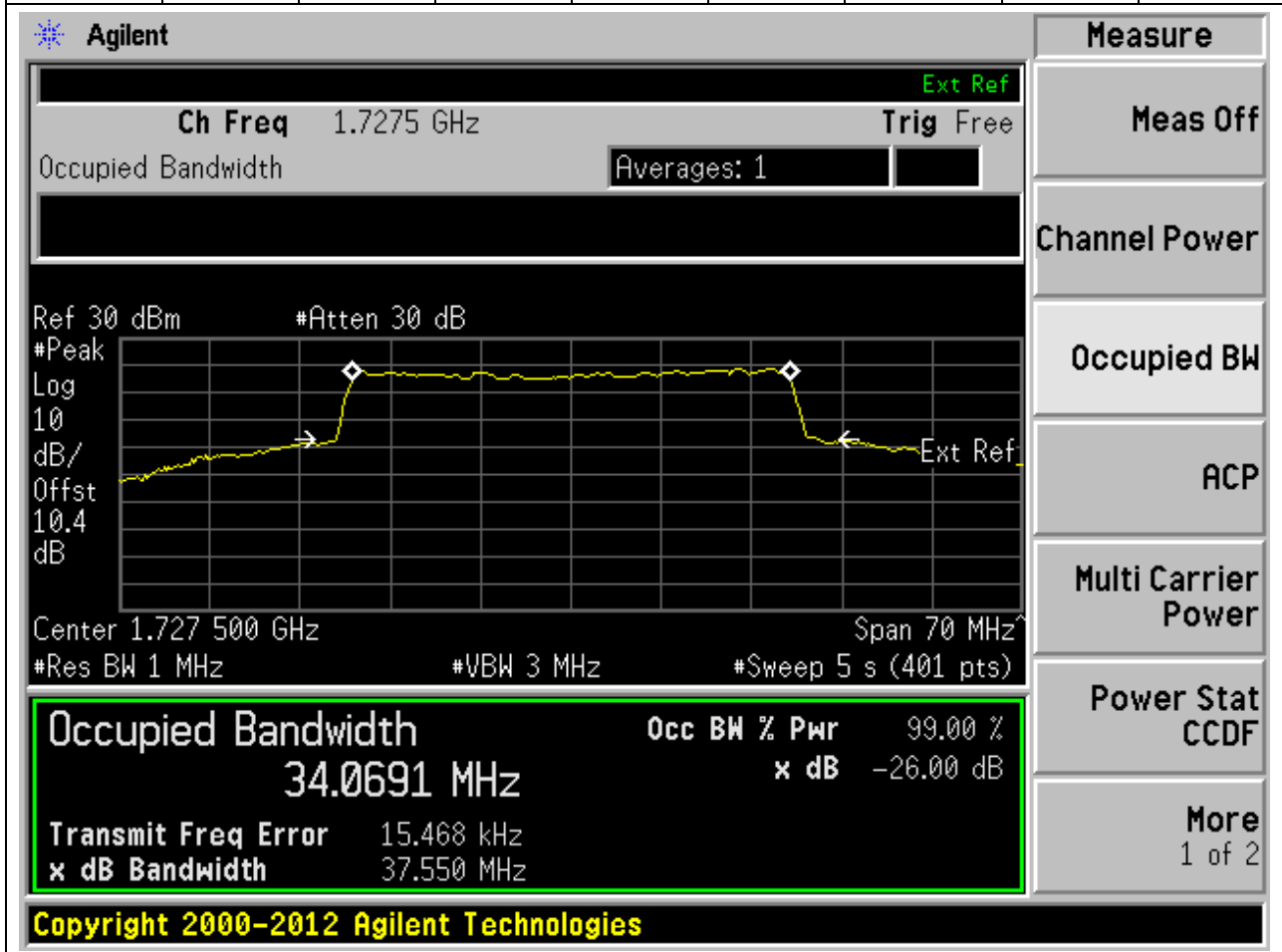
Transmit Freq Error -94.574 kHz

x dB Bandwidth 36.523 MHz

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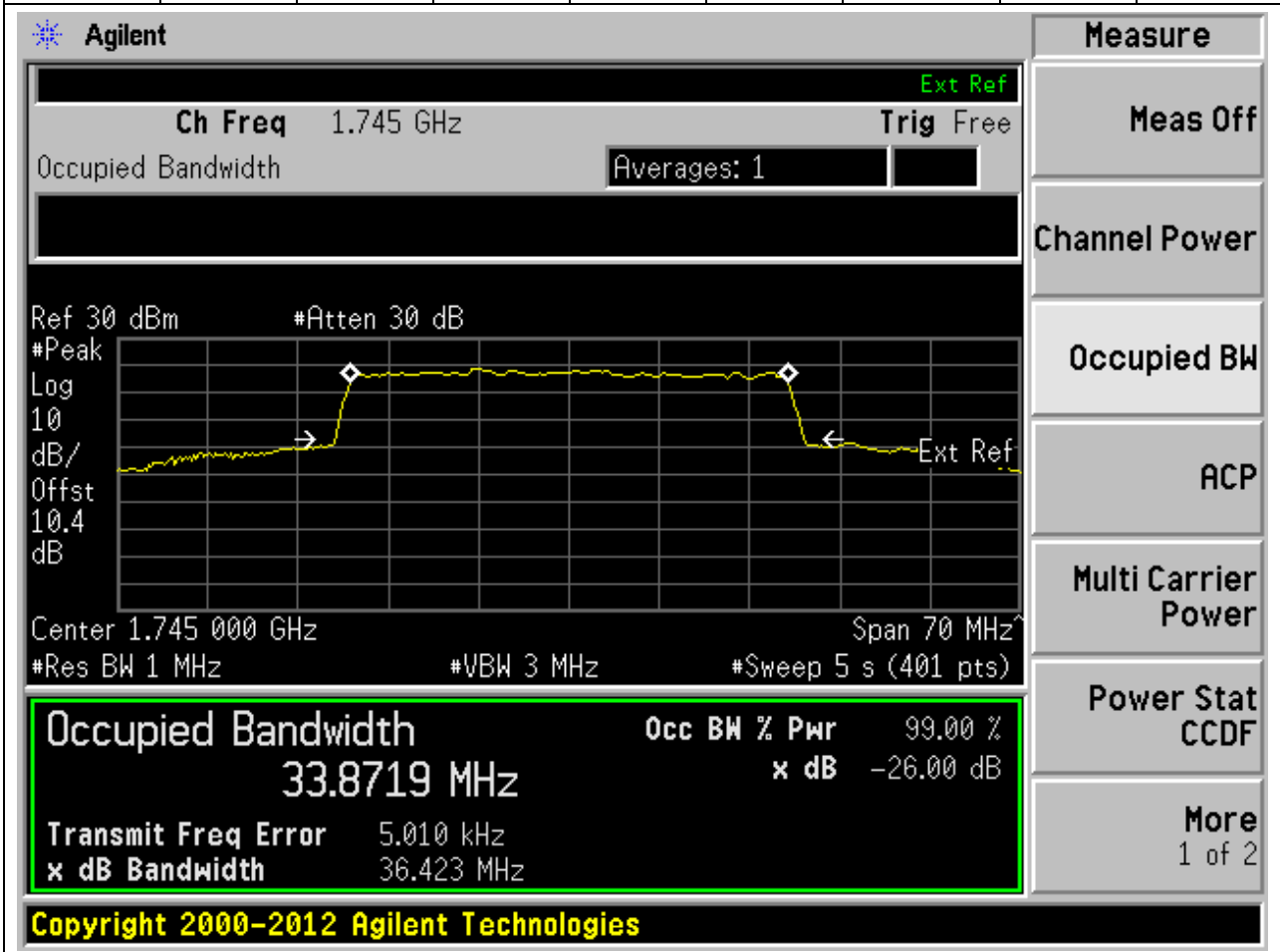
1.7. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:345500, Bandwidth:35, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:188, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1727.5	99	26	1	Peak	34.07	37.55	35	Pass



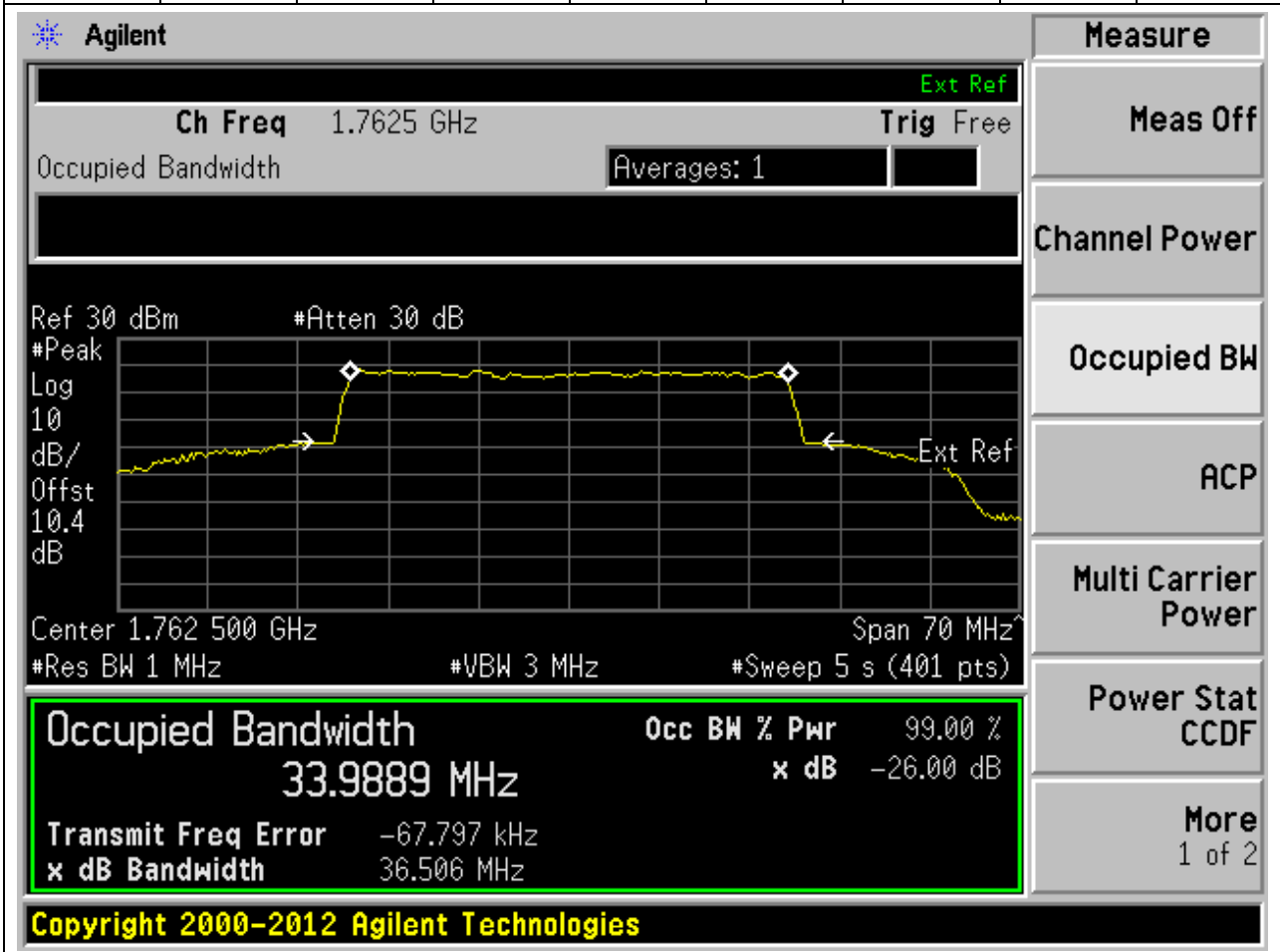
1.8. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:35, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:188, RB Position:0)

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	33.87	36.42	35	Pass



1.9. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:352500, Bandwidth:35, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:188, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1762.5	99	26	1	Peak	33.99	36.51	35	Pass



1.10. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:345500, Bandwidth:35, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:188, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1727.5	99	26	1	Peak	33.91	36.16	35	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is titled 'Occupied Bandwidth' and shows a signal centered at 1.7275 GHz. The plot parameters are: Center 1.727 500 GHz, Span 70 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts). The plot shows a signal with a peak level of approximately -26 dB and a bandwidth of approximately 34 MHz. The plot is titled 'Occupied Bandwidth' and shows a signal centered at 1.7275 GHz. The plot parameters are: Center 1.727 500 GHz, Span 70 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts). The plot shows a signal with a peak level of approximately -26 dB and a bandwidth of approximately 34 MHz.

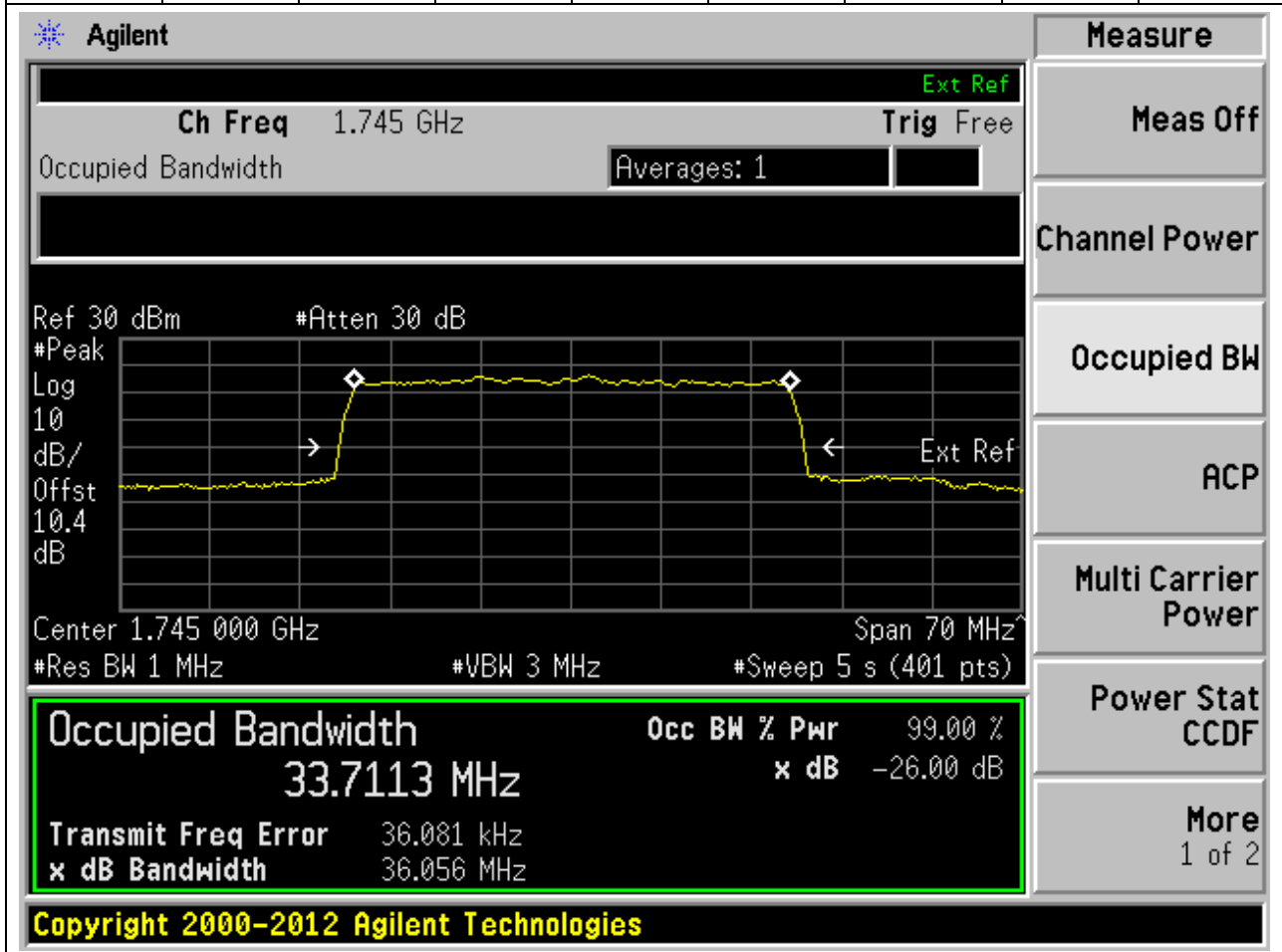
Occupied Bandwidth 33.9083 MHz
Occ BW % Pwr 99.00 %
x dB -26.00 dB

Transmit Freq Error 53.293 kHz
x dB Bandwidth 36.157 MHz

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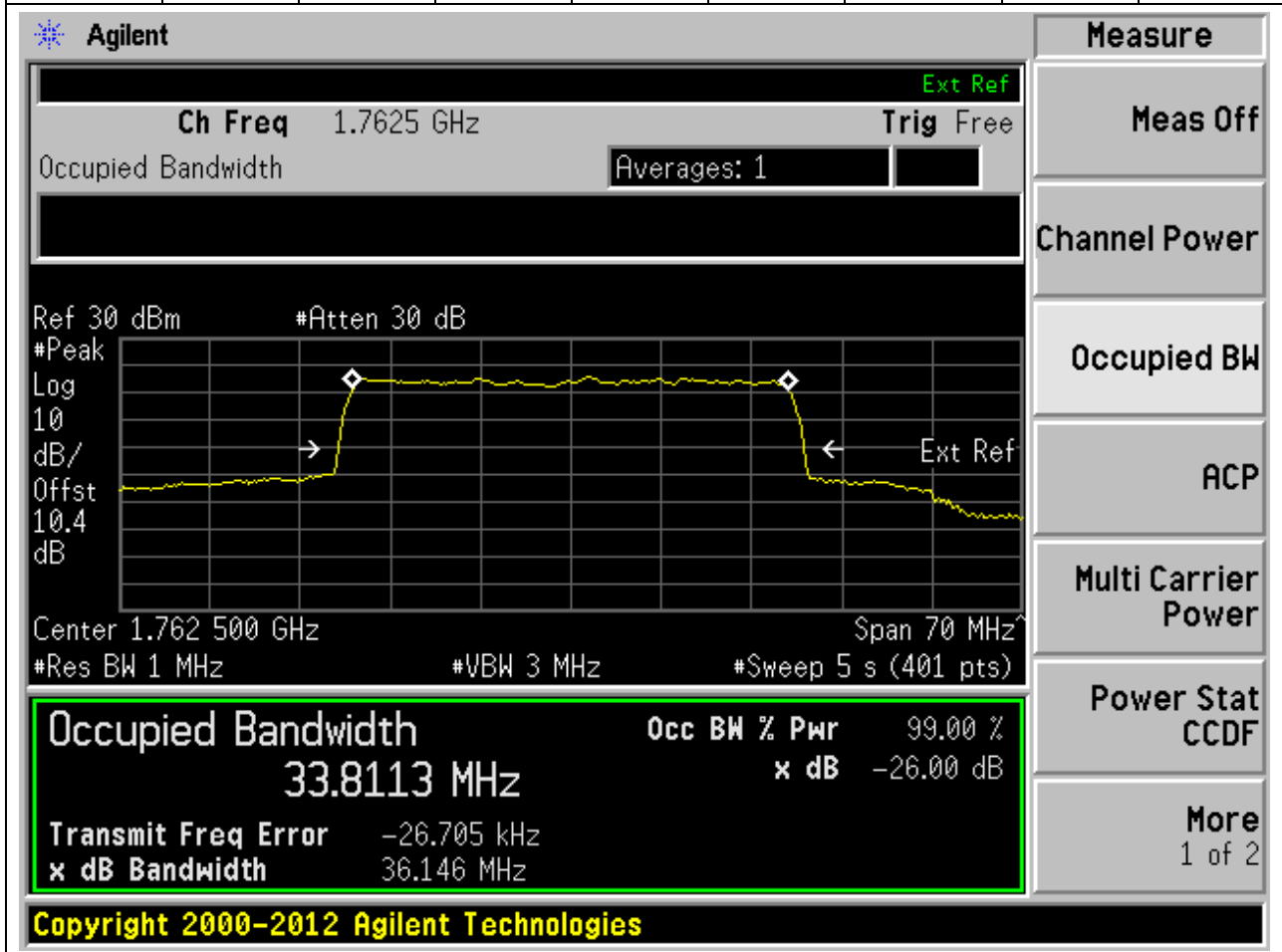
1.11. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:35, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:188, RB Position:0)

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	33.71	36.06	35	Pass



1.12. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:352500, Bandwidth:35, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:188, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1762.5	99	26	1	Peak	33.81	36.15	35	Pass



3.73. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:346000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1730	99	26	1	Peak	38.8	41.3	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	38.8048 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-14.110 kHz
x dB Bandwidth	41.300 MHz

Additional parameters shown in the interface include: Ch Freq 1.73 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 10.2 dB, Center 1.730 0 GHz, Span 80 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

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3.74. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	1	Peak	38.66	41.28	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'dB/Offst' and the x-axis is 'Center 1.745 0 GHz'. The plot shows a signal with a peak at 1.745 GHz. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 38.6561 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB Bandwidth' is 41.282 MHz. The 'Transmit Freq Error' is -24.462 kHz. The 'Copyright 2000-2012 Agilent Technologies' is visible at the bottom.

Occupied Bandwidth	Occ BW % Pwr
38.6561 MHz	99.00 %
Transmit Freq Error	x dB Bandwidth
-24.462 kHz	41.282 MHz

3.75. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:352000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:216, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1760	99	26	1	Peak	38.73	41.26	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is titled "Occupied Bandwidth" and shows a signal centered at 1.76 GHz. The plot parameters are: Center 1.760 0 GHz, Span 80 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts). The plot shows a signal with a peak level of approximately 30 dBm and a bandwidth of 38.7340 MHz. The XdB Down is set to 26 dB, resulting in an XdB Bandwidth of 41.256 MHz. The Occupied Bandwidth is 38.7340 MHz, and the Occ BW % Pwr is 99.00%. The Transmit Freq Error is -71.333 kHz, and the x dB Bandwidth is 41.256 MHz. The Ext Ref is set to Free. The interface also shows a "Measure" menu with options: Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2). The copyright notice "Copyright 2000-2012 Agilent Technologies" is visible at the bottom.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
38.7340 MHz	x dB	-26.00 dB
Transmit Freq Error	-71.333 kHz	
x dB Bandwidth	41.256 MHz	

3.76. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:346000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:216, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1730	99	26	1	Peak	38.82	41.19	40	Pass

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

Occupied Bandwidth	Occ BW % Pwr
38.8173 MHz	99.00 %
x dB Bandwidth	x dB
41.191 MHz	-26.00 dB

Other visible parameters include: Ch Freq 1.73 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 10.2 dB, Center 1.730 0 GHz, Span 80 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts). The interface also shows a 'Measure' menu with options like Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

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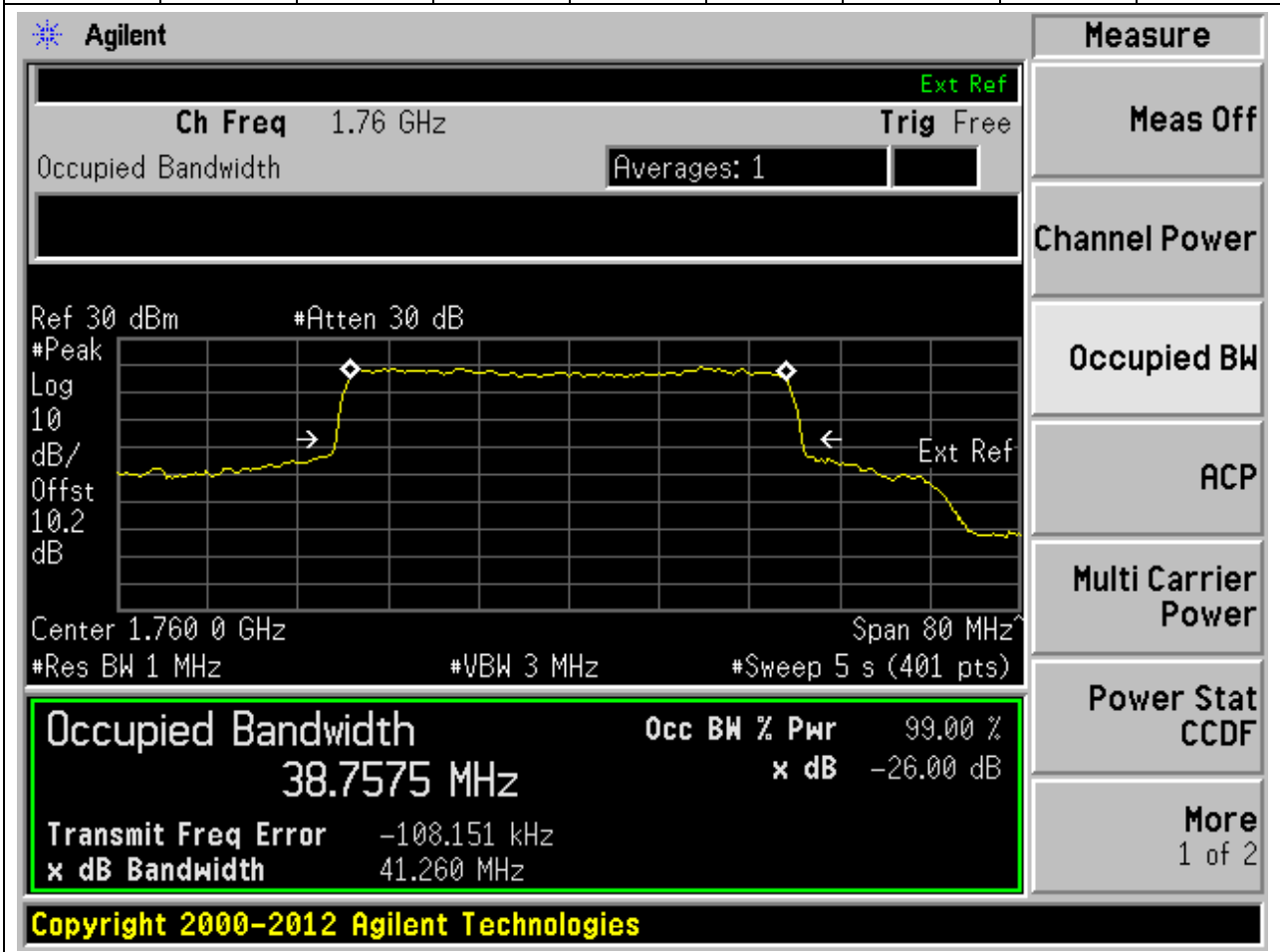
3.77. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:216, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	1	Peak	38.66	41.25	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 1.745 GHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow trace. The plot is labeled with 'Ref 30 dBm' and '#Atten 30 dB'. The y-axis is labeled '#Peak Log 10 dB/Offst 10.2 dB'. The x-axis is labeled 'Center 1.745 0 GHz' and 'Span 80 MHz'. Below the plot, the following parameters are shown: '#Res BW 1 MHz', '#VBW 3 MHz', and '#Sweep 5 s (401 pts)'. A green box highlights the 'Occupied Bandwidth' measurement results: 'Occupied Bandwidth 38.6627 MHz', 'Occ BW % Pwr 99.00 %', and 'x dB -26.00 dB'. Other parameters shown include 'Transmit Freq Error -51.047 kHz' and 'x dB Bandwidth 41.254 MHz'. 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, the copyright notice 'Copyright 2000-2012 Agilent Technologies' is visible.

3.78. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:352000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:216, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1760	99	26	1	Peak	38.76	41.26	40	Pass



3.79. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:346000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:216, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1730	99	26	1	Peak	38.82	41.33	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 1.73 GHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow trace. The plot is labeled with 'Ref 30 dBm' and '#Atten 30 dB'. The y-axis is labeled '#Peak Log 10 dB/Offst 10.2 dB'. The x-axis is labeled 'Center 1.730 0 GHz' and 'Span 80 MHz'. Below the plot, the following parameters are shown: '#Res BW 1 MHz', '#VBW 3 MHz', and '#Sweep 5 s (401 pts)'. A green box highlights the 'Occupied Bandwidth' measurement results: 'Occupied Bandwidth 38.8227 MHz', 'Occ BW % Pwr 99.00 %', and 'x dB -26.00 dB'. Below this, 'Transmit Freq Error 7.691 kHz' and 'x dB Bandwidth 41.326 MHz' are also visible. 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, the text 'Copyright 2000-2012 Agilent Technologies' is displayed.

3.80. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:216, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	1	Peak	38.68	41.25	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 1.745 GHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow trace. The plot is labeled with 'Ref 30 dBm' and '#Atten 30 dB'. The y-axis is labeled '#Peak Log 10 dB/Offst 10.2 dB'. The x-axis is labeled 'Center 1.745 0 GHz' and 'Span 80 MHz'. Below the plot, the following parameters are shown: '#Res BW 1 MHz', '#VBW 3 MHz', and '#Sweep 5 s (401 pts)'. A green box highlights the 'Occupied Bandwidth' measurement results: 'Occupied Bandwidth 38.6783 MHz', 'Occ BW % Pwr 99.00 %', and 'x dB -26.00 dB'. Other parameters shown include 'Transmit Freq Error -2.830 kHz' and 'x dB Bandwidth 41.251 MHz'. 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, the copyright notice 'Copyright 2000-2012 Agilent Technologies' is visible.

3.81. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:352000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:216, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1760	99	26	1	Peak	38.74	41.32	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 1.76 GHz, and the span is 80 MHz. The occupied bandwidth is measured as 38.7403 MHz, which is 99.00% of the channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -44.834 kHz, and the XdB bandwidth is 41.321 MHz. The interface includes various measurement buttons on the right side, such as 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
38.7403 MHz	x dB	-26.00 dB
Transmit Freq Error	-44.834 kHz	
x dB Bandwidth	41.321 MHz	

3.82. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:346000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:216, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1730	99	26	1	Peak	38.78	41.26	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The y-axis is labeled 'dB' and the x-axis is labeled 'MHz'. The plot shows a signal with a peak at approximately 1.73 GHz. The 'Occupied Bandwidth' is highlighted in a green box at the bottom of the screen, showing a value of 38.7776 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is -15.064 kHz and the 'x dB Bandwidth' is 41.256 MHz. The 'Copyright 2000-2012 Agilent Technologies' is displayed at the bottom.

Occupied Bandwidth	Occ BW % Pwr	x dB
38.7776 MHz	99.00 %	-26.00 dB

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3.83. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:349000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:216, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	1	Peak	38.64	41.17	40	Pass

Agilent
Measure

Ch Freq 1.745 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 1.745 0 GHz Span 80 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

38.6429 MHz

Transmit Freq Error -26.851 kHz

x dB Bandwidth 41.170 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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3.84. Occupied Bandwidth for SA_Part22-24-27(NTNV)(Channel:352000, Bandwidth:40, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:216, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1760	99	26	1	Peak	38.71	41.18	40	Pass

Agilent
Measure

Ch Freq 1.76 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 1.7600 GHz Span 80 MHz

#Res BW 1 MHz #VBW 3 MHz

#Sweep 5 s (401 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

38.7059 MHz

Transmit Freq Error -75.122 kHz

x dB Bandwidth 41.177 MHz

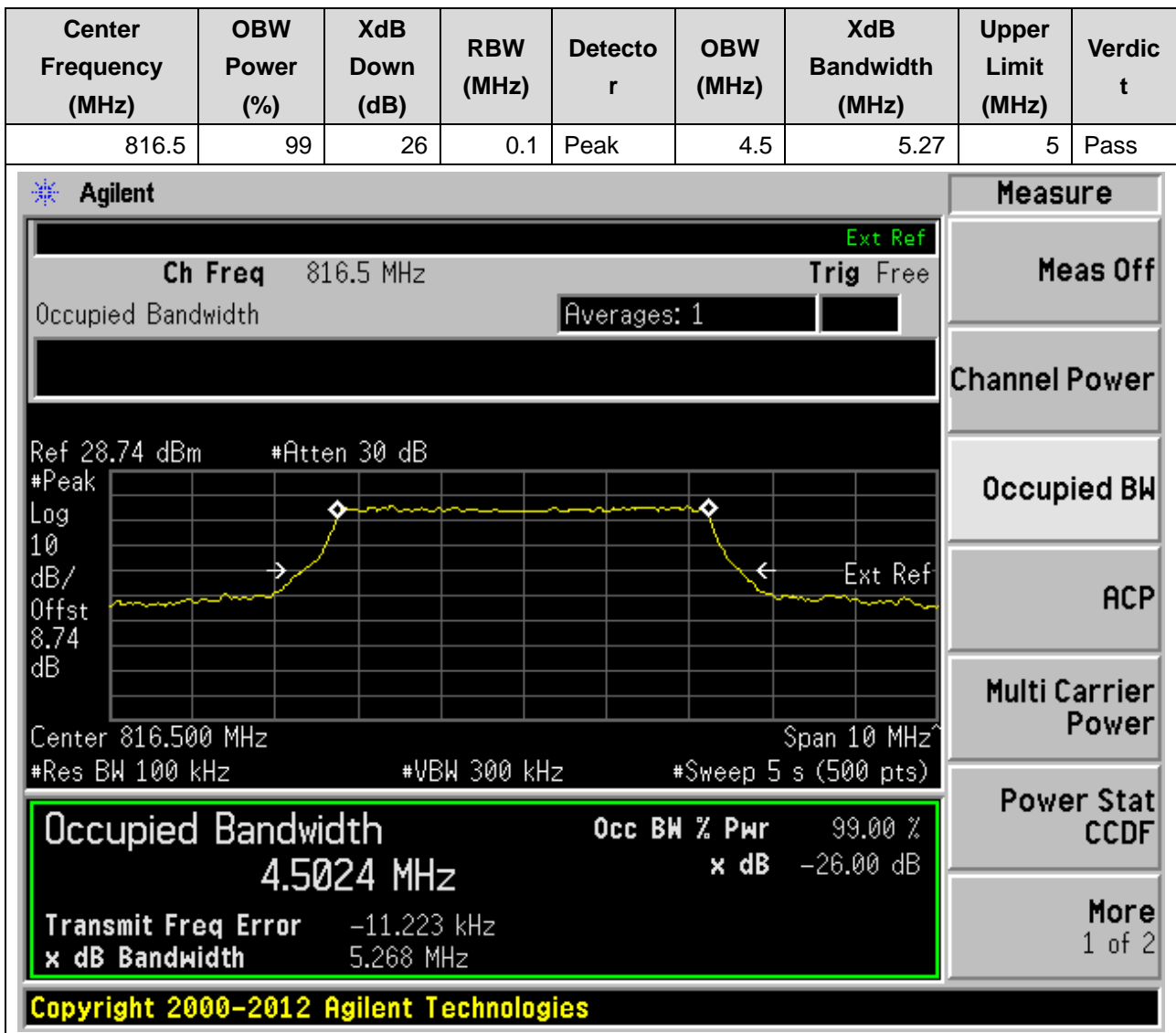
Occ BW % Pwr 99.00 %

x dB -26.00 dB

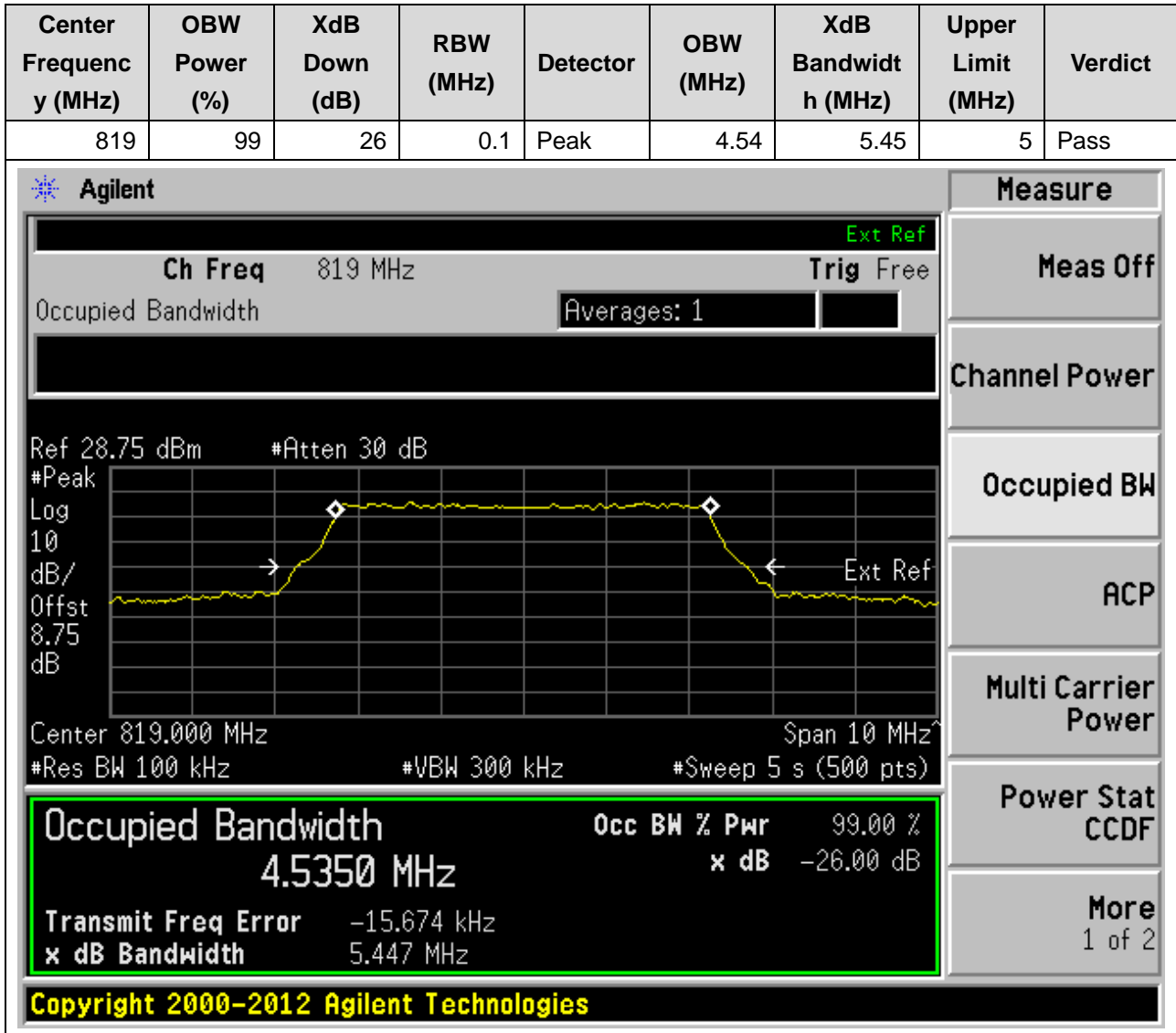
Copyright 2000-2012 Agilent Technologies

1. n26 15kHz(814-824)

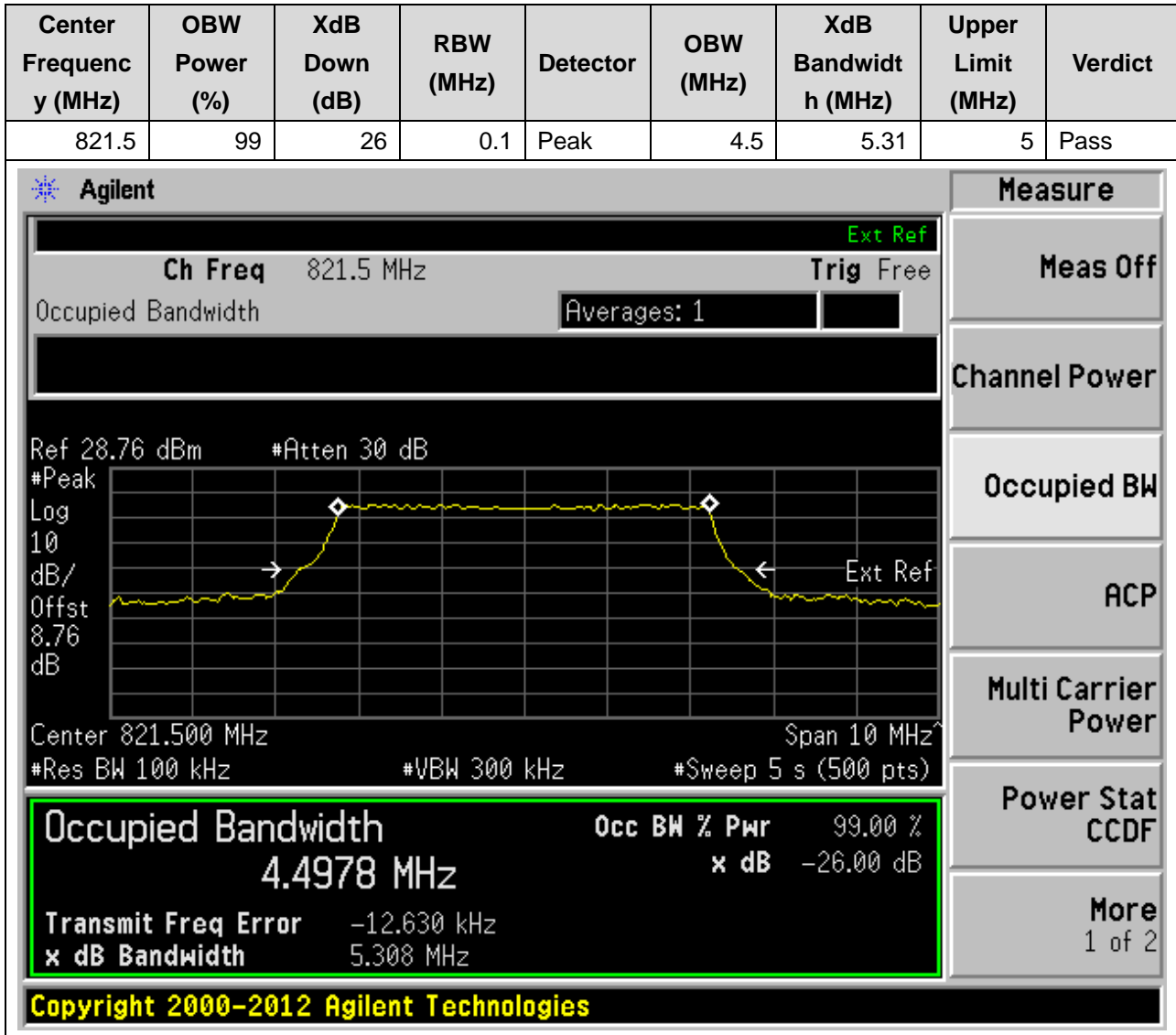
1.1. Occupied Bandwidth for SA_Part90(NTNV)(Channel:163300, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)



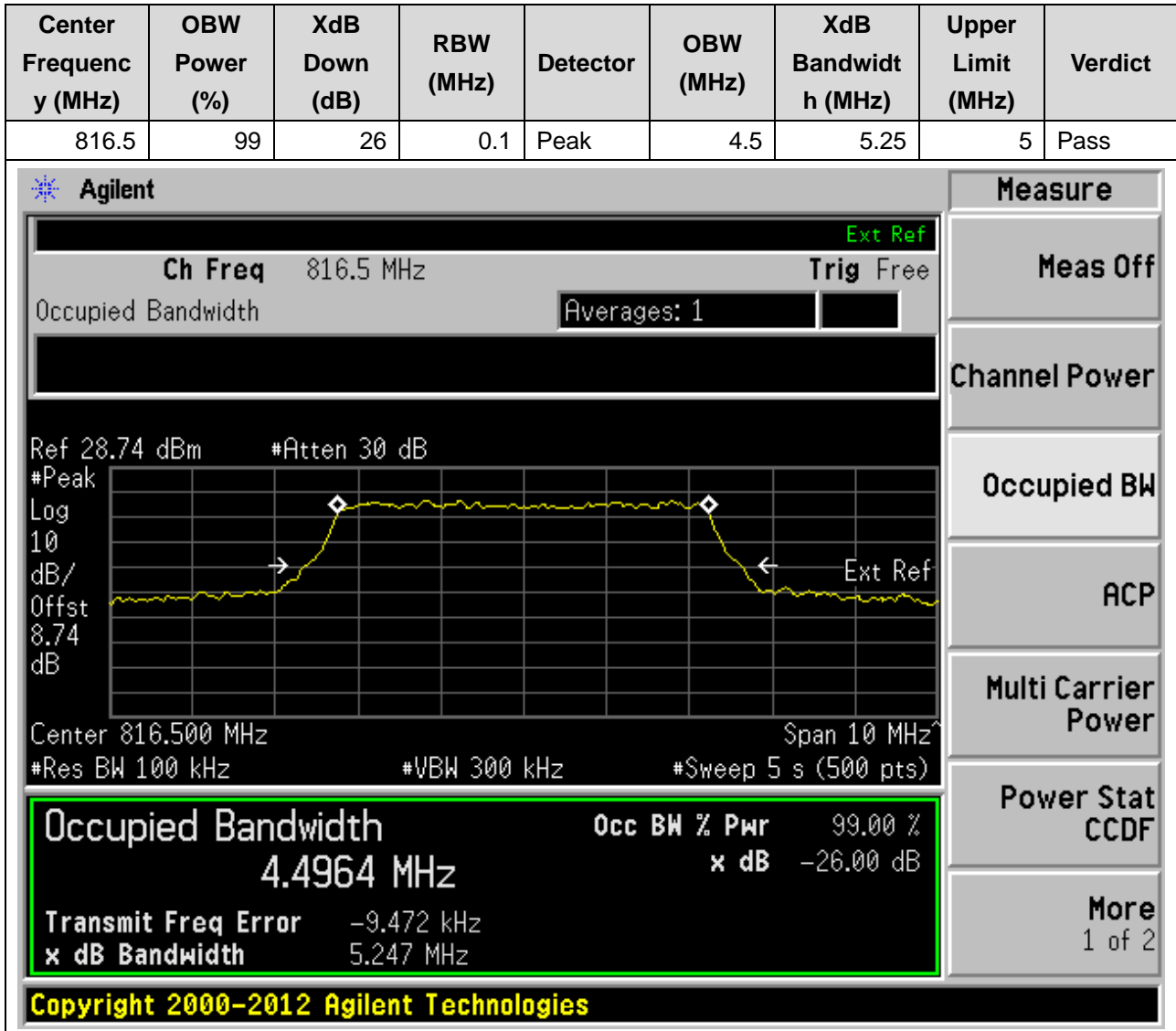
1.2. Occupied Bandwidth for SA_Part90(NTNV)(Channel:163800, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)



1.3. Occupied Bandwidth for SA_Part90(NTNV)(Channel:164300, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)

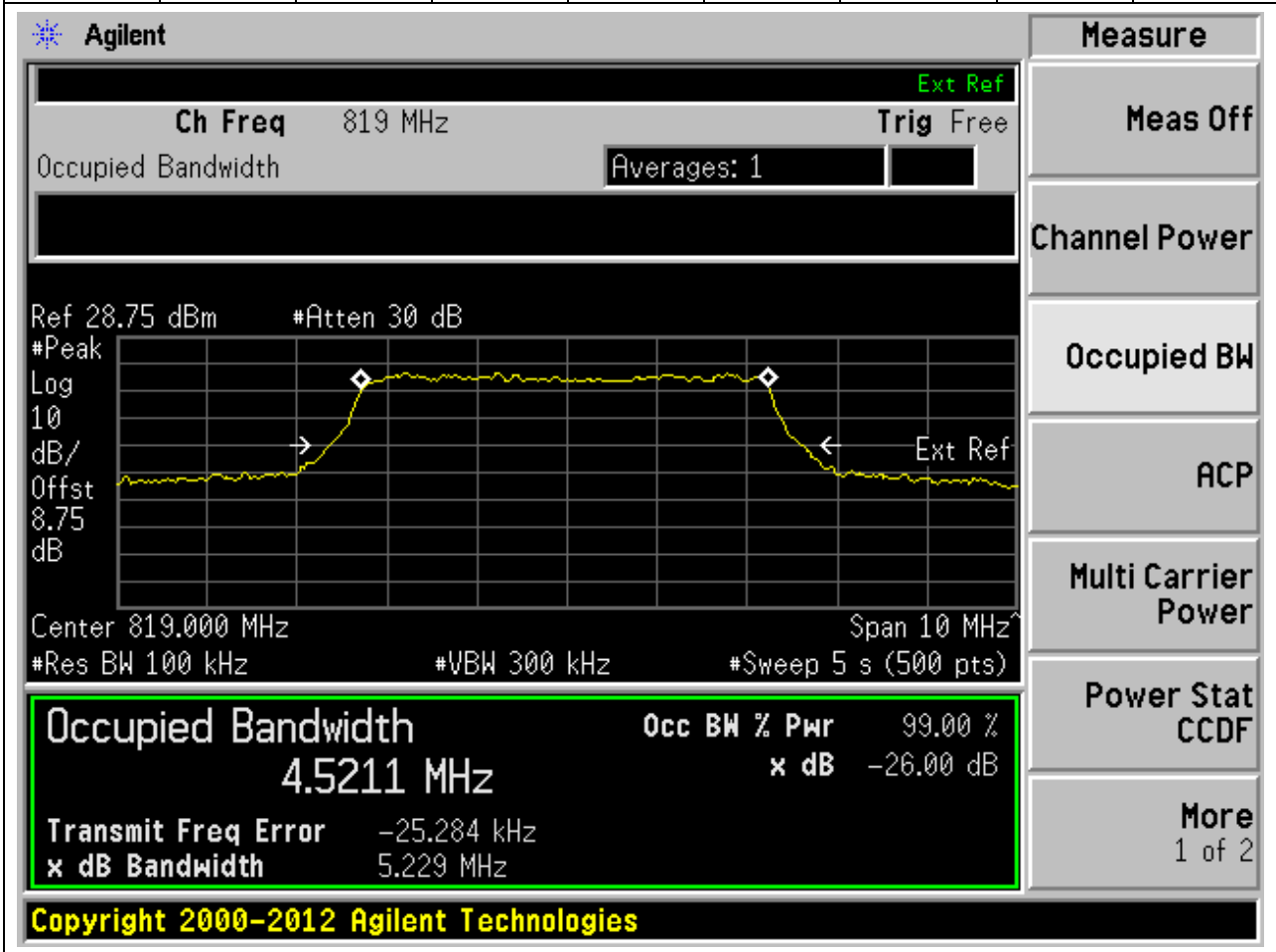


1.4. Occupied Bandwidth for SA_Part90(NTNV)(Channel:163300, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:25, RB Position:0)

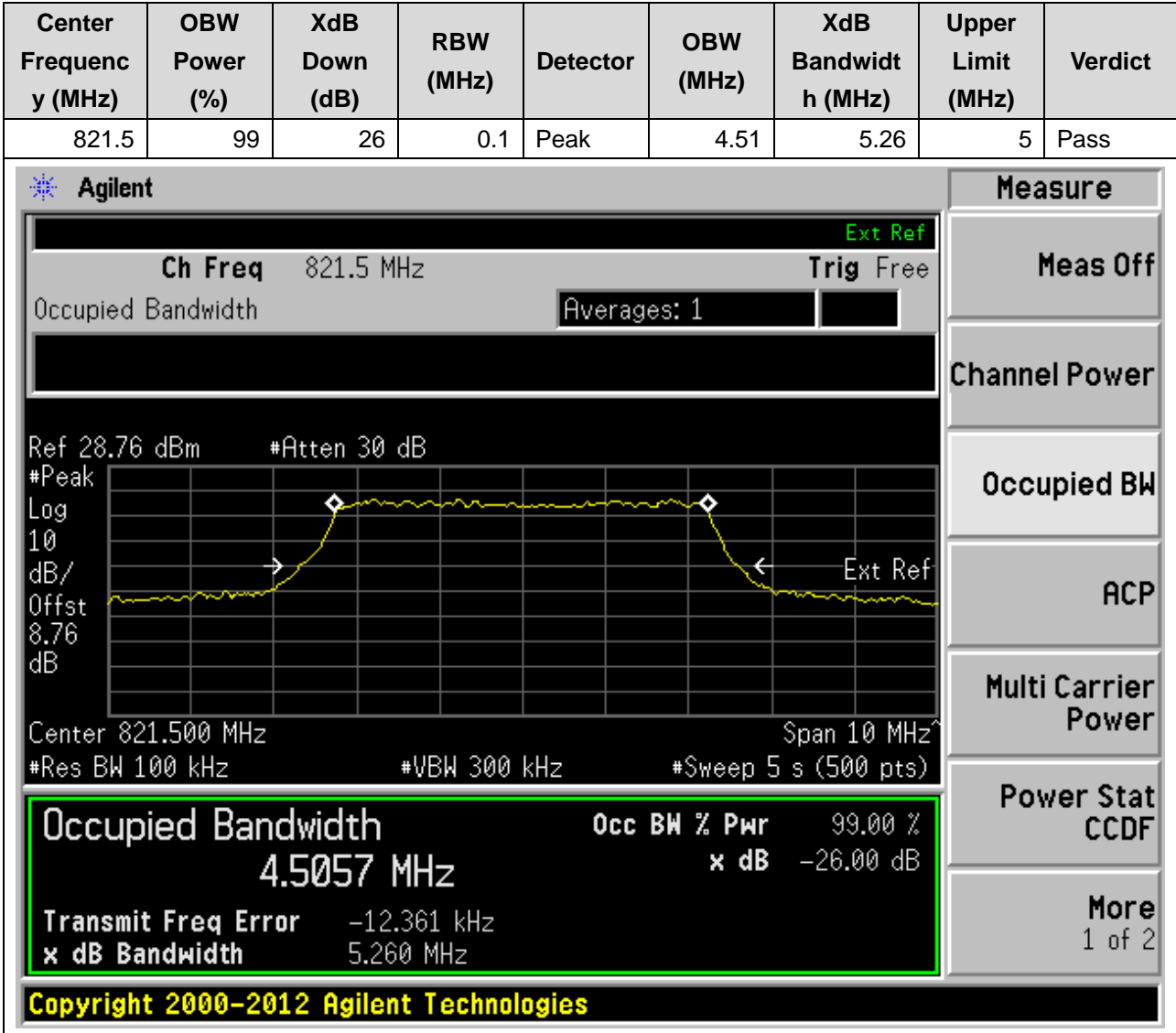


1.5. Occupied Bandwidth for SA_Part90(NTNV)(Channel:163800, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:25, RB Position:0)

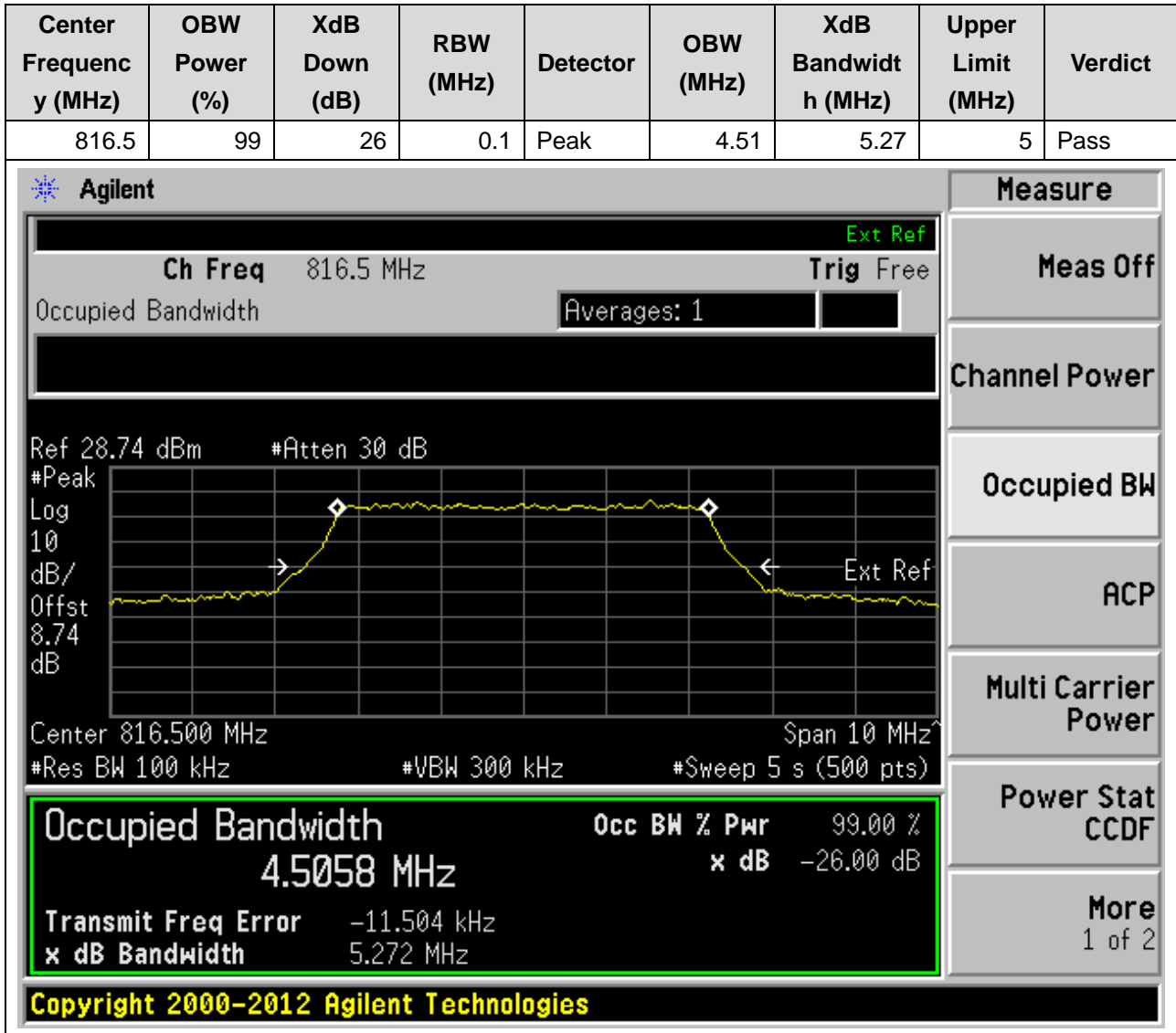
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.1	Peak	4.52	5.23	5	Pass



1.6. Occupied Bandwidth for SA_Part90(NTNV)(Channel:164300, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:25, RB Position:0)

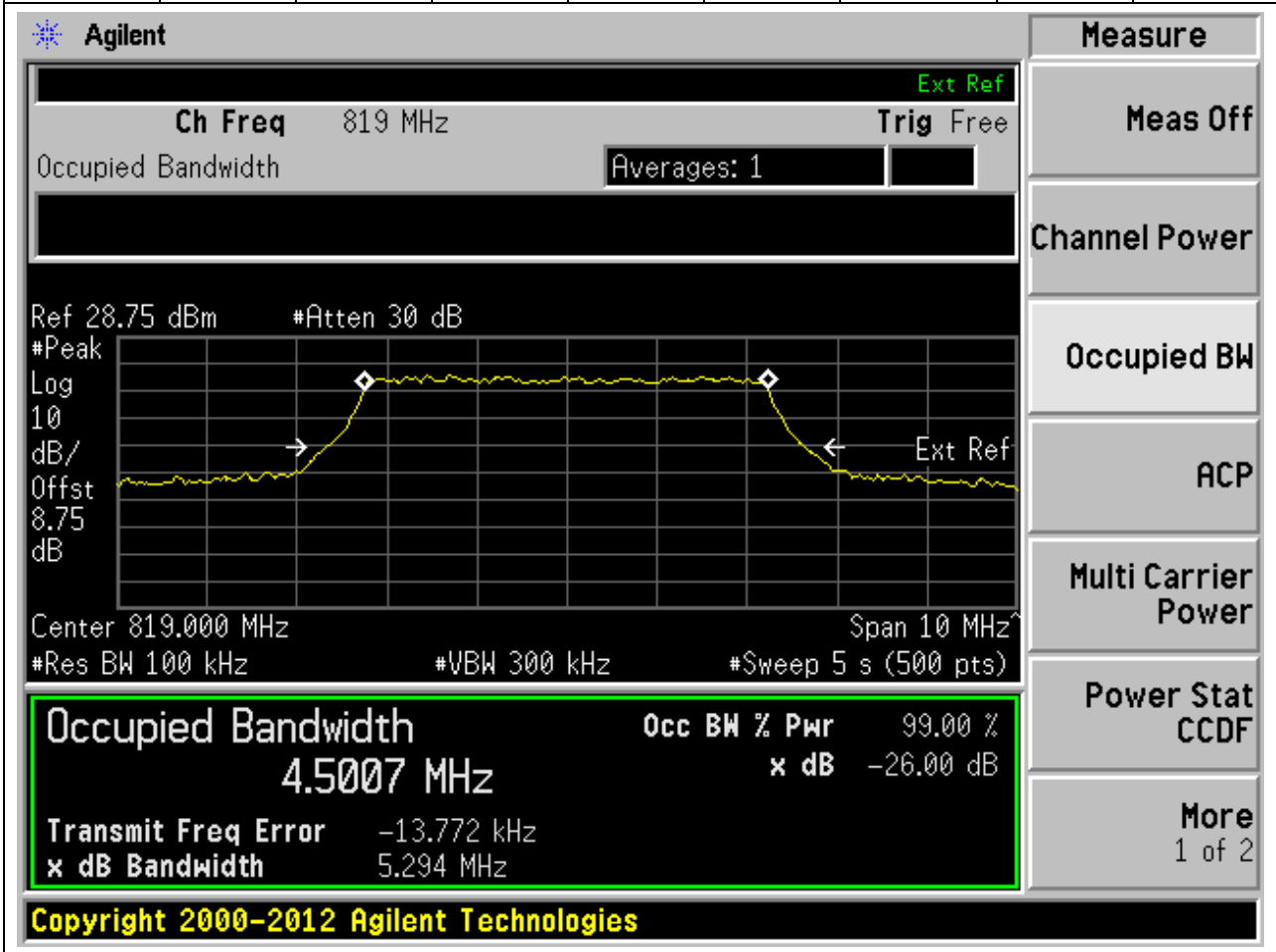


1.7. Occupied Bandwidth for SA_Part90(NTNV)(Channel:163300, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:25, RB Position:0)

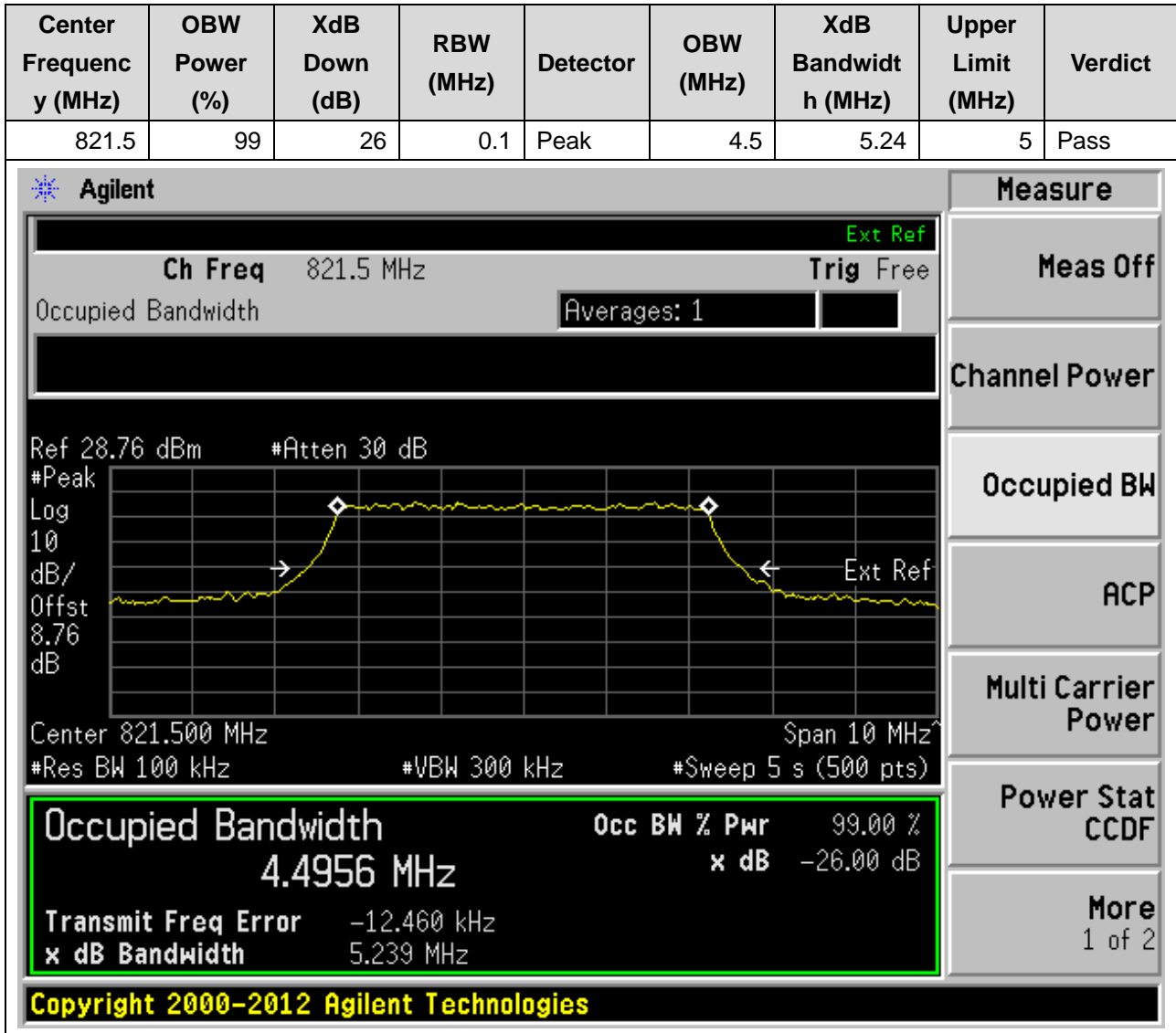


1.8. Occupied Bandwidth for SA_Part90(NTNV)(Channel:163800, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.1	Peak	4.5	5.29	5	Pass



1.9. Occupied Bandwidth for SA_Part90(NTNV)(Channel:164300, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:25, RB Position:0)



1.10. Occupied Bandwidth for SA_Part90(NTNV)(Channel:163300, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:25, RB Position:0)

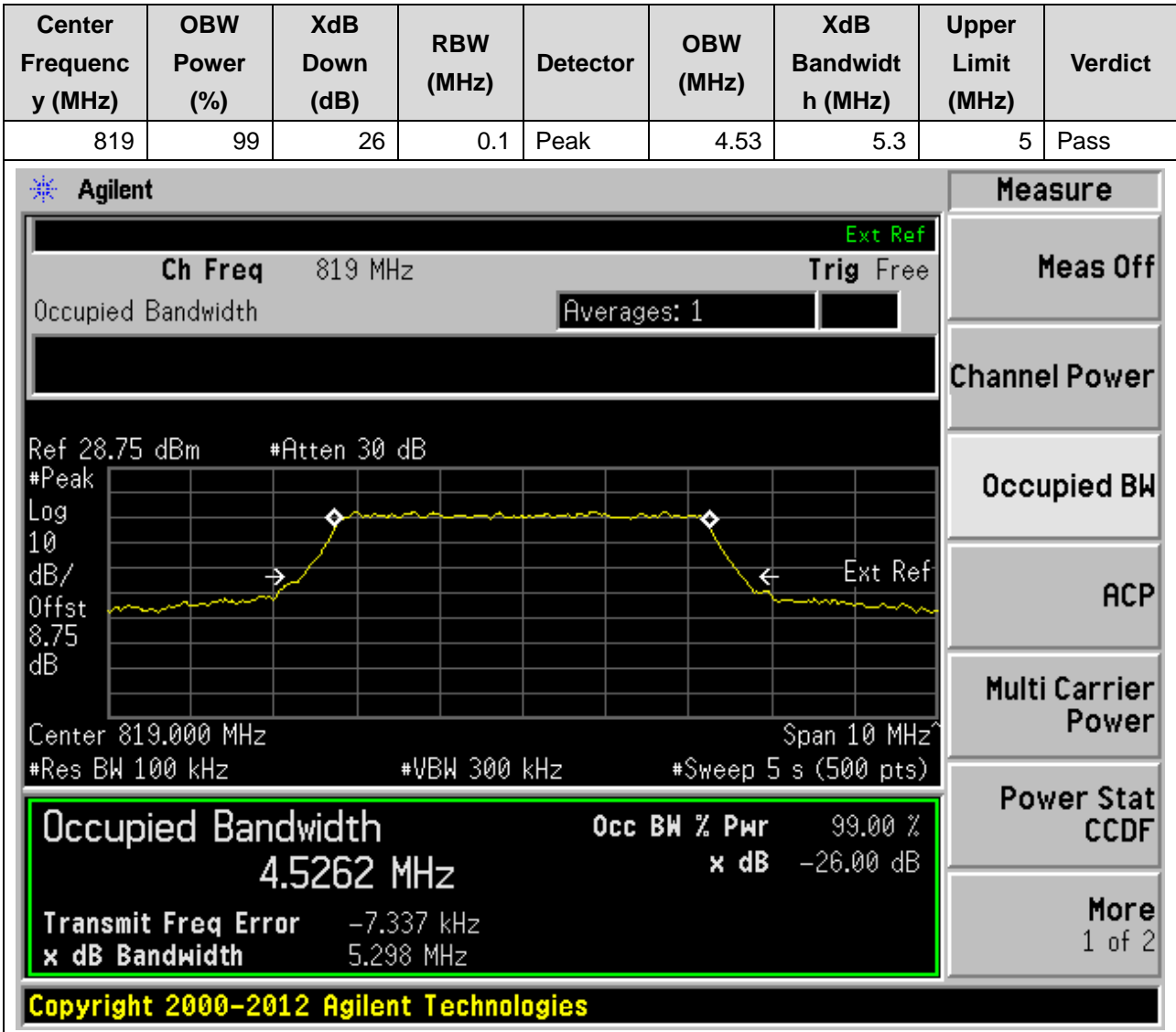
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
816.5	99	26	0.1	Peak	4.51	5.33	5	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 816.500 MHz, and the span is 10 MHz. The resolution bandwidth (RBW) is 100 kHz, and the video bandwidth (VBW) is 300 kHz. The sweep time is 5 seconds (500 points). The occupied bandwidth is measured as 4.5143 MHz, which is 99.00% of the channel bandwidth. The XdB bandwidth is 5.326 MHz, and the XdB down is -26.00 dB. The transmit frequency error is -15.275 kHz. The interface also shows various measurement settings and a 'Measure' menu on the right.

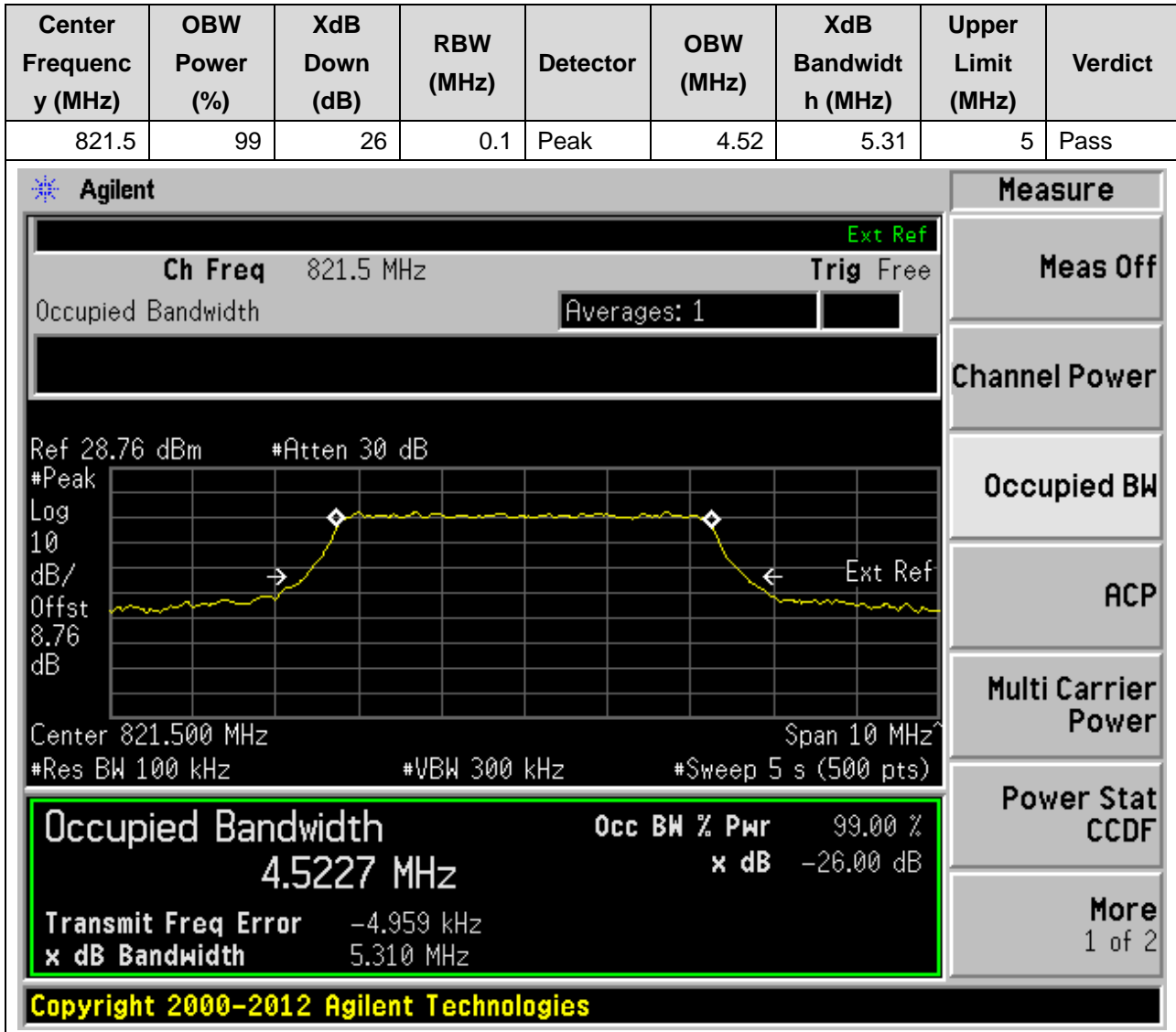
Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.5143 MHz	x dB	-26.00 dB
Transmit Freq Error	-15.275 kHz	
x dB Bandwidth	5.326 MHz	

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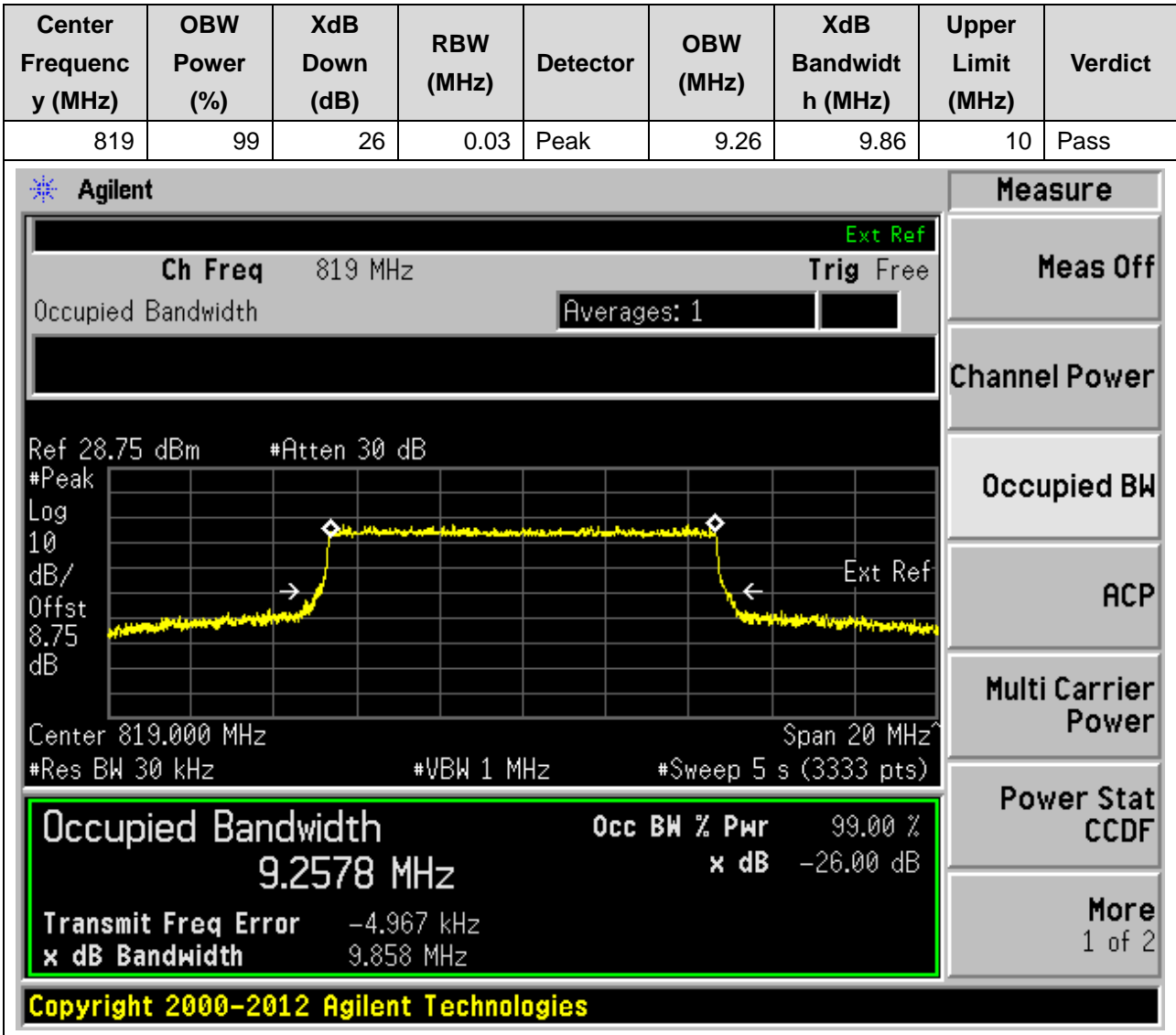
1.11. Occupied Bandwidth for SA_Part90(NTNV)(Channel:163800, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:25, RB Position:0)



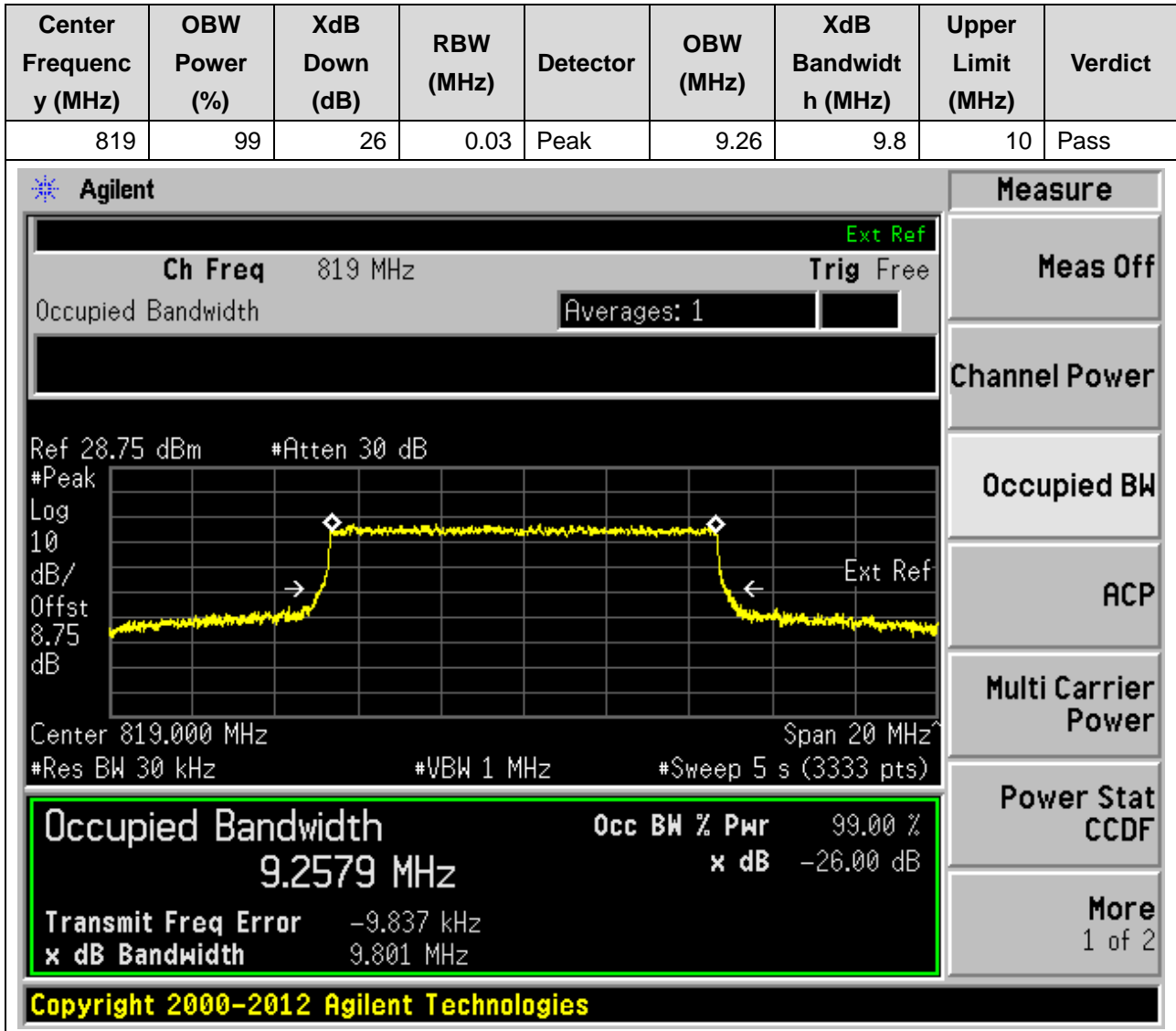
1.12. Occupied Bandwidth for SA_Part90(NTNV)(Channel:164300, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:25, RB Position:0)



1.13. Occupied Bandwidth for SA_Part90(NTNV)(Channel:163800, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)

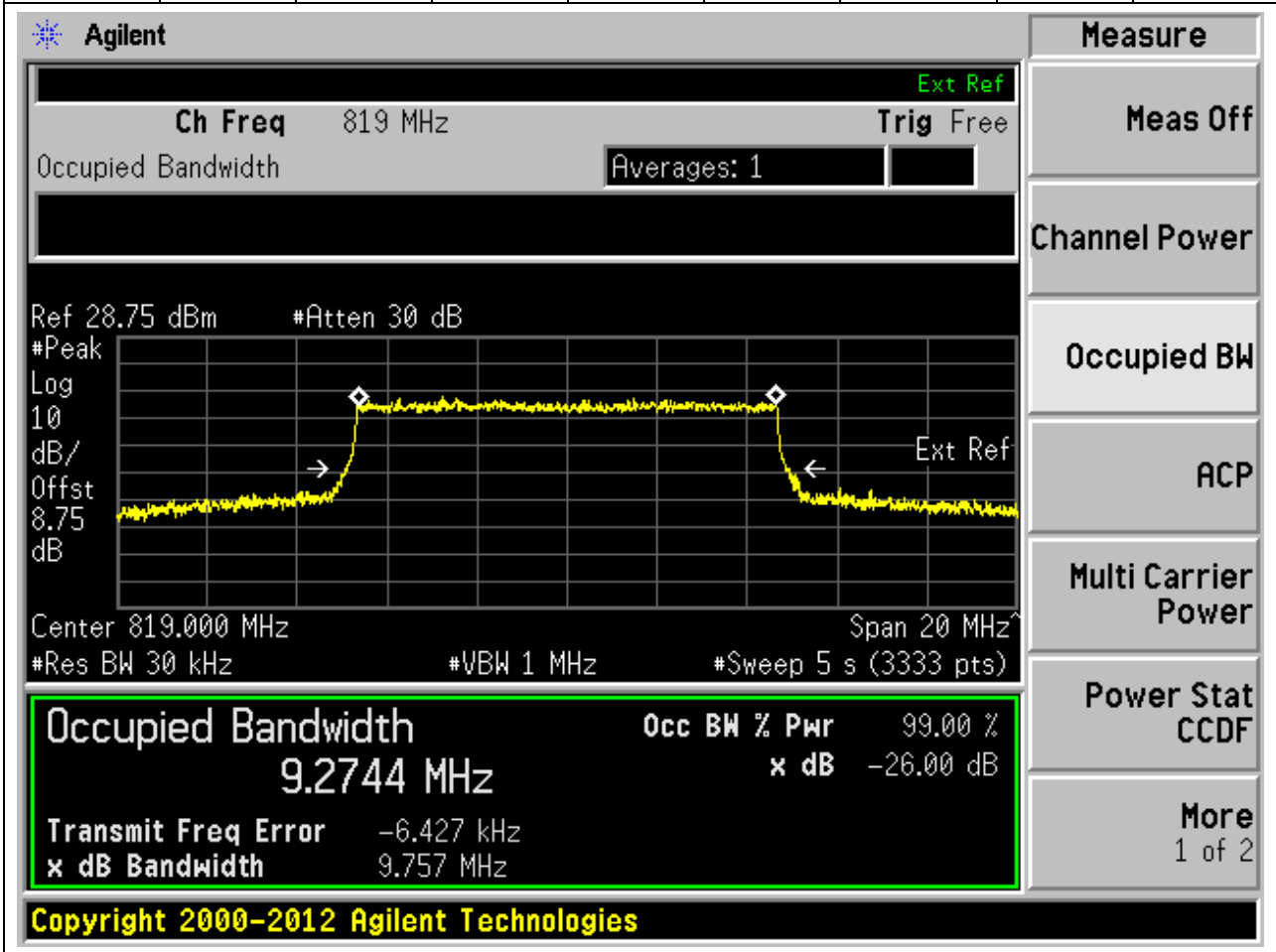


1.14. Occupied Bandwidth for SA_Part90(NTNV)(Channel:163800, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:52, RB Position:0)



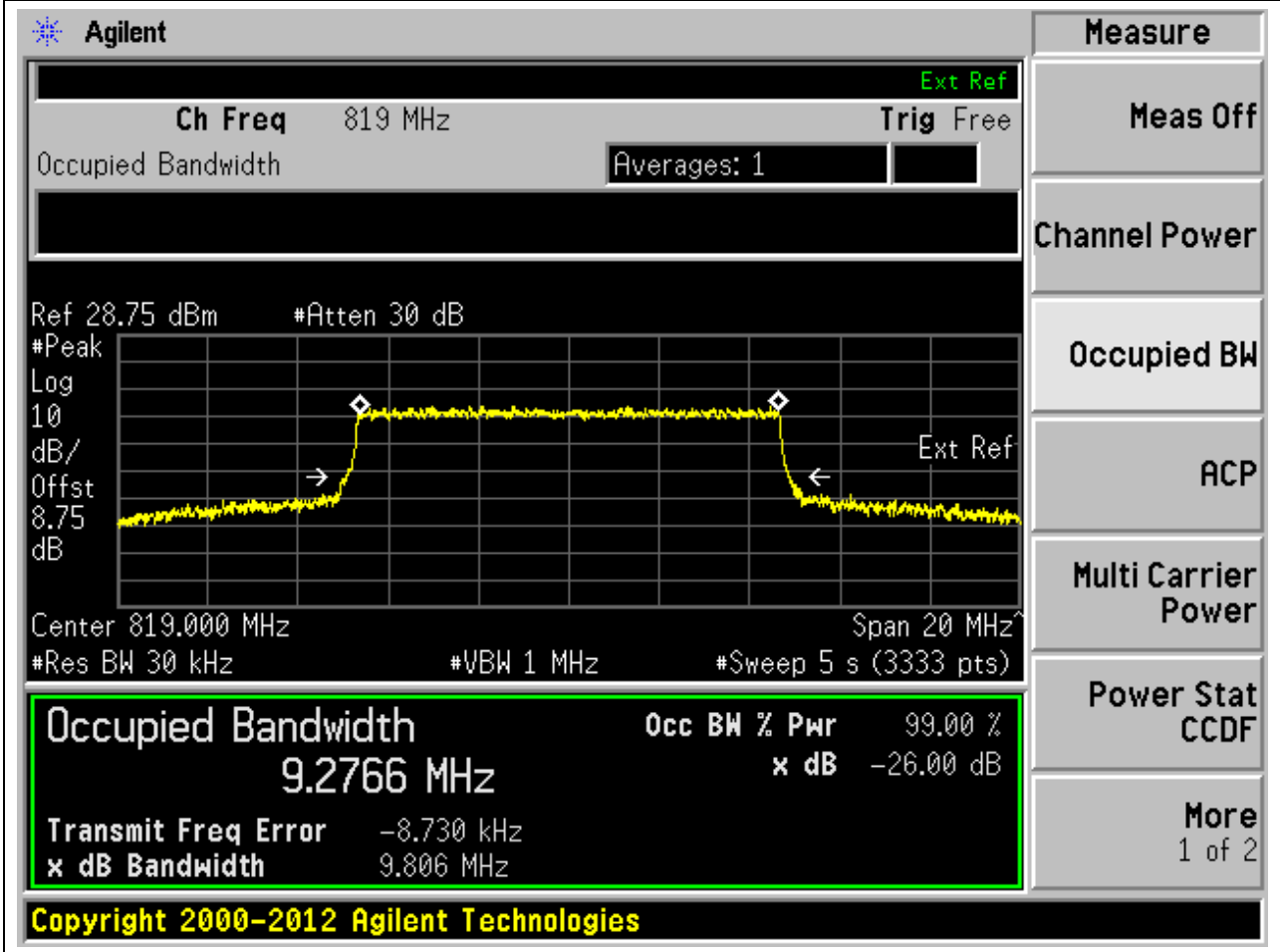
1.15. Occupied Bandwidth for SA_Part90(NTNV)(Channel:163800, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:52, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.03	Peak	9.27	9.76	10	Pass



1.16. Occupied Bandwidth for SA_Part90(NTNV)(Channel:163800, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:52, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.03	Peak	9.28	9.81	10	Pass



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