

**9.2 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:2, Channel:19957, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1710.7	99	26	0.027	Peak	1.092	1.272	1.4	Pass

**Agilent**
**Measure**

FreqRefUnlock

**Ch Freq** 1.7107 GHz
**Trig** Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm      #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.9

dB

Center 1.710 700 GHz      Span 2.8 MHz

#Res BW 27 kHz      #VBW 100 kHz      #Sweep 1 s (518 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>1.0919 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	55.928 kHz	
<b>x dB Bandwidth</b>	1.272 MHz	

**Power Stat**
**CCDF**

**More**  
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**9.3 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:3, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.027	Peak	1.087	1.278	1.4	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 titled 'Occupied Bandwidth' and shows a signal centered at 1.7325 GHz. The plot includes a 'Ref 30 dBm' and '#Atten 30 dB' label. The plot also shows 'Log 10 dB/Offst 12.9 dB' and 'Ext Ref'. The plot parameters are: Center 1.732 500 GHz, Span 2.8 MHz, #Res BW 27 kHz, #VBW 100 kHz, #Sweep 1 s (518 pts). The plot shows a signal with a peak at 1.0875 MHz and a bandwidth of 1.278 MHz. The plot also shows 'Occ BW % Pwr 99.00 %' and 'x dB -26.00 dB'. The plot also shows 'Transmit Freq Error 58.980 kHz' and 'x dB Bandwidth 1.278 MHz'. The plot also shows 'Copyright 2000-2009 Agilent Technologies'.

**Occupied Bandwidth** 1.0875 MHz

**Occ BW % Pwr** 99.00 %

**x dB** -26.00 dB

**Transmit Freq Error** 58.980 kHz

**x dB Bandwidth** 1.278 MHz

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9.4 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:4, Channel:20175, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.027	Peak	1.084	1.258	1.4	Pass

Agilent
Measure

FreqRefUnlock

Ch Freq 1.7325 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.9 dB

Center 1.732 500 GHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

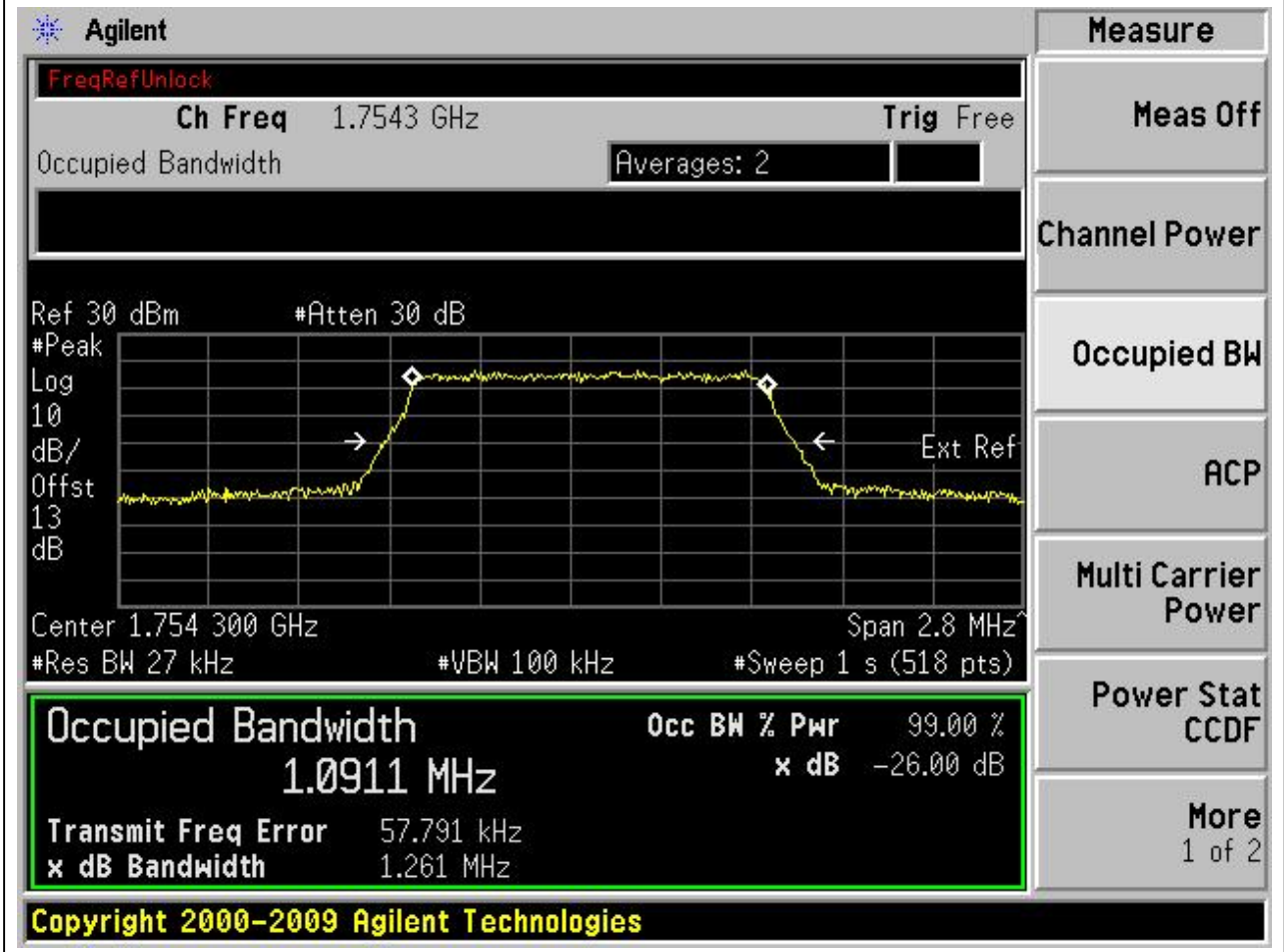
<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
<b>1.0843 MHz</b>	<b>x dB</b> -26.00 dB
<b>Transmit Freq Error</b> 57.740 kHz	
<b>x dB Bandwidth</b> 1.258 MHz	

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

9.5 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:5, Channel:20393, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1754.3	99	26	0.027	Peak	1.091	1.261	1.4	Pass



9.6 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:6, Channel:20393, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1754.3	99	26	0.027	Peak	1.092	1.265	1.4	Pass

Agilent
Measure

FreqRefUnlock

Ch Freq 1.7543 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 13 dB

Ext Ref

Center 1.754 300 GHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

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

1.0923 MHz

x dB -26.00 dB

Transmit Freq Error 61.193 kHz

x dB Bandwidth 1.265 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
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**9.7 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:7, Channel:19965, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1711.5	99	26	0.062	Peak	2.691	2.974	3	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Agilent' and 'Measure' options. The main display area includes a spectrum plot with a yellow trace showing a signal between approximately 1.711 GHz and 1.712 GHz. The plot is labeled with 'Ref 30 dBm', '#Atten 30 dB', and 'Ext Ref'. Below the plot, the following parameters are listed: Center 1.711 500 GHz, Span 6 MHz, #Res BW 62 kHz, #VBW 200 kHz, and #Sweep 1 s (483 pts). A summary box at the bottom of the plot area contains the following data:

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>2.6910 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>		58.522 kHz
<b>x dB Bandwidth</b>		2.974 MHz

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

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**9.8 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:8, Channel:19965, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1711.5	99	26	0.062	Peak	2.688	3	3	Pass

**Agilent**

**Measure**

FreqRefUnlock
Ch Freq 1.7115 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

Center 1.711 500 GHz
Span 6 MHz

#Res BW 62 kHz
#VBW 200 kHz
#Sweep 1 s (483 pts)

**Occupied Bandwidth**

**2.6884 MHz**

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 61.745 kHz

x dB Bandwidth 3.000 MHz

Power Stat CCDF
More 1 of 2

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**9.9 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:9, Channel:20175, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.062	Peak	2.684	2.968	3	Pass

Agilent
Measure

FreqRefUnlock

Ch Freq 1.7325 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

Center 1.732 500 GHz Span 6 MHz

#Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
2.6837 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	58.856 kHz	
<b>x dB Bandwidth</b>	2.968 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
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**9.10 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:10, Channel:20175, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.062	Peak	2.686	2.985	3	Pass

Agilent

Measure

FreqRefUnlock
Ch Freq 1.7325 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

#Res BW 62 kHz
#VBW 200 kHz
#Sweep 1 s (483 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
2.6862 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	57.372 kHz	
<b>x dB Bandwidth</b>	2.985 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**9.11 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:11, Channel:20385, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1753.5	99	26	0.062	Peak	2.691	2.961	3	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 titled 'Occupied Bandwidth' and shows a signal centered at 1.7535 GHz. The plot parameters include: Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst, 13 dB, Center 1.753 500 GHz, Span 6 MHz, #Res BW 62 kHz, #VBW 200 kHz, and #Sweep 1 s (483 pts). The plot shows a signal with a peak at approximately 1.7535 GHz and a bandwidth of 2.6908 MHz. The signal level is 99.00% and the XdB is -26.00 dB. The plot also shows 'Transmit Freq Error' of 57.218 kHz and 'x dB Bandwidth' of 2.961 MHz. The bottom of the screen shows 'Copyright 2000-2009 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
2.6908 MHz	x dB	-26.00 dB
Transmit Freq Error	57.218 kHz	
x dB Bandwidth	2.961 MHz	

**9.12 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:12, Channel:20385, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1753.5	99	26	0.062	Peak	2.685	2.973	3	Pass

Agilent

Measure

FreqRefUnlock
Ch Freq 1.7535 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

Center 1.753 500 GHz
Span 6 MHz

#Res BW 62 kHz
#VBW 200 kHz
#Sweep 1 s (483 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
2.6850 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	57.329 kHz	
<b>x dB Bandwidth</b>	2.973 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
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**9.13 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:13, Channel:19975, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

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	4.497	4.916	5	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 1.7125 GHz with a span of 10 MHz. The y-axis is labeled 'Log 10 dB/Offst 12.9 dB'. The plot shows a signal with a peak level of approximately -26 dB. The 'Occupied Bandwidth' is highlighted in a green box, showing a value of 4.4973 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. The 'Transmit Freq Error' is 56.175 kHz and the 'x dB Bandwidth' is 4.916 MHz. The interface also shows various settings like 'Ch Freq 1.7125 GHz', 'Trig Free', 'Averages: 2', and 'Ref 30 dBm #Atten 30 dB'. The bottom of the screen displays the copyright information: 'Copyright 2000-2009 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	x dB
4.4973 MHz	99.00 %	-26.00 dB

**9.14 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:14, Channel:19975, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

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	4.484	4.896	5	Pass

Agilent
Measure

FreqRefUnlock

Ch Freq 1.7125 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.9 dB

Center 1.712 500 GHz Span 10 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
4.4843 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	63.580 kHz	
<b>x dB Bandwidth</b>	4.896 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
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**9.15 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:15, Channel:20175, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.1	Peak	4.486	4.89	5	Pass

Agilent
Measure

FreqRefUnlock

Ch Freq 1.7325 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.9 dB

Center 1.732 500 GHz Span 10 MHz

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

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

**4.4864 MHz** x dB -26.00 dB

Transmit Freq Error 58.473 kHz

x dB Bandwidth 4.890 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**9.16 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:16, Channel:20175, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.1	Peak	4.503	4.9	5	Pass

**Agilent**
**Measure**

FreqRefUnlock

**Ch Freq** 1.7325 GHz
**Trig** Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm      #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.9

dB

Ext Ref

Center 1.732 500 GHz
Span 10 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
4.5030 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	59.961 kHz	
<b>x dB Bandwidth</b>	4.900 MHz	

**Power Stat**
**CCDF**

**More**  
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**9.17 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:17, Channel:20375, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1752.5	99	26	0.1	Peak	4.496	4.867	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 1.7525 GHz, and the span is 10 MHz. The occupied bandwidth is highlighted as 4.4962 MHz. The power level is 99.00% and the XdB bandwidth is -26.00 dB. The interface includes various control buttons and a 'Measure' menu on the right side.

Occupied Bandwidth		Occ BW % Pwr	99.00 %
4.4962 MHz		x dB	-26.00 dB
Transmit Freq Error	62.617 kHz		
x dB Bandwidth	4.867 MHz		

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**9.18 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:18, Channel:20375, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1752.5	99	26	0.1	Peak	4.499	4.925	5	Pass

**Agilent**
**Measure**

FreqRefUnlock

**Ch Freq** 1.7525 GHz
**Trig** Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm      #Atten 30 dB

#Peak

Log

10

dB/

Offst

13

dB

Ext Ref

Center 1.752 500 GHz
Span 10 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
4.4994 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	63.588 kHz	
<b>x dB Bandwidth</b>	4.925 MHz	

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**Meas Off**

**Channel Power**

**Occupied BW**

**ACP**

**Multi Carrier Power**

**Power Stat CCDF**

**More**  
1 of 2

**9.19 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:19, Channel:20000, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1715	99	26	0.2	Peak	8.949	9.764	10	Pass

Agilent

Measure

FreqRefUnlock
Ch Freq 1.715 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log 10 dB/Offst 12.9 dB

Center 1.715 00 GHz
Span 20 MHz

#Res BW 200 kHz
#VBW 620 kHz
#Sweep 1 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9494 MHz	x dB	-26.00 dB
Transmit Freq Error	71.678 kHz	
x dB Bandwidth	9.764 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
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**9.20 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:20, Channel:20000, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1715	99	26	0.2	Peak	8.97	9.71	10	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 titled 'Occupied Bandwidth' and shows a signal centered at 1.715 GHz. The plot parameters include: Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst, 12.9 dB, Center 1.715 00 GHz, Span 20 MHz, #Res BW 200 kHz, #VBW 620 kHz, #Sweep 1 s (500 pts). The plot shows a signal with a peak at approximately 1.715 GHz and a bandwidth of 8.9697 MHz. The XdB Down is -26.00 dB. The Occupied Bandwidth is 8.9697 MHz. The Occ BW % Pwr is 99.00%. The Transmit Freq Error is 81.110 kHz. The x dB Bandwidth is 9.710 MHz. The Ext Ref is also visible on the plot.

**Occupied Bandwidth** 8.9697 MHz

Occ BW % Pwr 99.00 %  
x dB -26.00 dB

Transmit Freq Error 81.110 kHz  
x dB Bandwidth 9.710 MHz

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**9.21 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:21, Channel:20175, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.2	Peak	8.932	9.72	10	Pass

Agilent
Measure

FreqRefUnlock

Ch Freq 1.7325 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.9 dB

Center 1.732 50 GHz Span 20 MHz

#Res BW 200 kHz #VBW 620 kHz #Sweep 1 s (500 pts)

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

**8.9316 MHz** x dB -26.00 dB

Transmit Freq Error 61.630 kHz

x dB Bandwidth 9.720 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**9.22 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:22, Channel:20175, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.2	Peak	8.96	9.717	10	Pass

Agilent
Measure

FreqRefUnlock

Ch Freq 1.7325 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.9 dB

Center 1.732 50 GHz Span 20 MHz

#Res BW 200 kHz #VBW 620 kHz #Sweep 1 s (500 pts)

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

**8.9601 MHz** x dB -26.00 dB

Transmit Freq Error 66.071 kHz

x dB Bandwidth 9.717 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**9.23 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:23, Channel:20350, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1750	99	26	0.2	Peak	8.964	9.701	10	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 titled 'Occupied Bandwidth' and shows a signal centered at 1.75 GHz. The plot parameters include: Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst, 13 dB, Center 1.750 00 GHz, Span 20 MHz, #Res BW 200 kHz, #VBW 620 kHz, and #Sweep 1 s (500 pts). The plot shows a signal with a peak at approximately 1.75 GHz and a bandwidth of 8.9641 MHz. The XdB Down is 26 dB. The plot also shows 'Ext Ref' and 'Trig Free'.

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9641 MHz	x dB	-26.00 dB
Transmit Freq Error	54.635 kHz	
x dB Bandwidth	9.701 MHz	

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

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**9.24 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:24, Channel:20350, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1750	99	26	0.2	Peak	8.968	9.731	10	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 titled 'Occupied Bandwidth' and shows a signal centered at 1.75 GHz. The plot parameters include: Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst, 13 dB, Center 1.750 00 GHz, Span 20 MHz, #Res BW 200 kHz, #VBW 620 kHz, and #Sweep 1 s (500 pts). The plot shows a signal with a peak at approximately 1.75 GHz and a bandwidth of 8.9676 MHz. The XdB Down is -26.00 dB. The Occupied Bandwidth is 8.9676 MHz. The Occ BW % Pwr is 99.00%. The Transmit Freq Error is 57.176 kHz. The x dB Bandwidth is 9.731 MHz. The Ext Ref is also visible on the plot.

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

At the bottom of the interface, there is a copyright notice: Copyright 2000-2009 Agilent Technologies.

**9.25 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:25, Channel:20025, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1717.5	99	26	0.3	Peak	13.436	14.647	15	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 titled 'Occupied Bandwidth' and shows a signal centered at 1.7175 GHz. The plot includes a 'Ref 30 dBm' and '#Atten 30 dB' label. The plot shows a signal with a peak at approximately 1.7175 GHz and a bandwidth of 13.436 MHz. The plot also shows a 'Log 10 dB/Offst 12.9 dB' label. The plot includes a 'Center 1.717 50 GHz' and 'Span 30 MHz' label. The plot also shows a '#Res BW 300 kHz' and '#VBW 1 MHz' label. The plot also shows a '#Sweep 1 s (500 pts)' label. The plot includes a 'Ext Ref' label. The plot shows a signal with a peak at approximately 1.7175 GHz and a bandwidth of 13.436 MHz. The plot also shows a 'Log 10 dB/Offst 12.9 dB' label. The plot includes a 'Center 1.717 50 GHz' and 'Span 30 MHz' label. The plot also shows a '#Res BW 300 kHz' and '#VBW 1 MHz' label. The plot also shows a '#Sweep 1 s (500 pts)' label. The plot includes a 'Ext Ref' label.

**Occupied Bandwidth** 13.4364 MHz

**Occ BW % Pwr** 99.00 %

**x dB** -26.00 dB

**Transmit Freq Error** 78.329 kHz

**x dB Bandwidth** 14.647 MHz

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**9.26 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:26, Channel:20025, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1717.5	99	26	0.3	Peak	13.449	14.558	15	Pass

Agilent
Measure

FreqRefUnlock

Ch Freq 1.7175 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.9 dB

Center 1.717 50 GHz Span 30 MHz

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

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

**13.4490 MHz** x dB -26.00 dB

Transmit Freq Error 90.587 kHz

x dB Bandwidth 14.558 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**9.27 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:27, Channel:20175, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.3	Peak	13.411	14.622	15	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Agilent' and 'Measure' options. The main display area includes a spectrum plot with a yellow trace showing a signal between approximately 1.732 GHz and 1.7325 GHz. The plot is labeled with 'Ref 30 dBm', '#Atten 30 dB', and 'Ext Ref'. Below the plot, the following parameters are listed: Center 1.732 50 GHz, Span 30 MHz, #Res BW 300 kHz, #VBW 1 MHz, and #Sweep 1 s (500 pts). A summary box at the bottom of the plot area shows the following data:

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>13.4114 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>		65.164 kHz
<b>x dB Bandwidth</b>		14.622 MHz

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

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**9.28 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:28, Channel:20175, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.3	Peak	13.427	14.585	15	Pass

Agilent
Measure

FreqRefUnlock

Ch Freq 1.7325 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.9 dB

Ext Ref

Center 1.732 50 GHz Span 30 MHz

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

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

**13.4268 MHz** x dB -26.00 dB

Transmit Freq Error 59.066 kHz

x dB Bandwidth 14.585 MHz

**Copyright 2000-2009 Agilent Technologies**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**9.29 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:29, Channel:20325, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1747.5	99	26	0.3	Peak	13.431	14.62	15	Pass

**Agilent**
**Measure**

FreqRefUnlock

**Ch Freq** 1.7475 GHz
**Trig** Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm      #Atten 30 dB

#Peak

Log

10

dB/

Offst

13

dB

Ext Ref

Center 1.747 50 GHz      Span 30 MHz

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

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

13.4311 MHz      **x dB** -26.00 dB

**Transmit Freq Error** 63.421 kHz

**x dB Bandwidth** 14.620 MHz

**Copyright 2000-2009 Agilent Technologies**

**Meas Off**

**Channel Power**

**Occupied BW**

**ACP**

**Multi Carrier Power**

**Power Stat CCDF**

**More**  
1 of 2

**9.30 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:30, Channel:20325, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1747.5	99	26	0.3	Peak	13.442	14.652	15	Pass

Agilent
Measure

FreqRefUnlock

Ch Freq 1.7475 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 13 dB

Ext Ref

Center 1.747 50 GHz
Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
13.4422 MHz	x dB	-26.00 dB
Transmit Freq Error	55.186 kHz	
x dB Bandwidth	14.652 MHz	

Power Stat CCDF
More 1 of 2

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**9.31 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:31, Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1720	99	26	0.39	Peak	17.889	19.253	20	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 titled 'Occupied Bandwidth' and shows a signal centered at 1.72 GHz. The plot parameters include: Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst, 12.9 dB, Center 1.720 00 GHz, Span 40 MHz, #Res BW 390 kHz, #VBW 1.2 MHz, and #Sweep 1 s (512 pts). The plot shows a signal with a peak at 17.8892 MHz and a bandwidth of 19.253 MHz. The signal is 99.00% of the power and -26.00 dB from the reference. The plot also shows 'Transmit Freq Error' of 91.363 kHz and 'x dB Bandwidth' of 19.253 MHz. The bottom of the screen shows 'Copyright 2000-2009 Agilent Technologies'.

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

**9.32 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:32, Channel:20050, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1720	99	26	0.39	Peak	17.881	19.35	20	Pass

Agilent
Measure

FreqRefUnlock

Ch Freq 1.72 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm      #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.9

dB

Ext Ref

Center 1.720 00 GHz
Span 40 MHz

#Res BW 390 kHz
#VBW 1.2 MHz
#Sweep 1 s (512 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
17.8811 MHz	<b>x dB</b>	-26.00 dB
Transmit Freq Error	99.117 kHz	
x dB Bandwidth	19.350 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**9.33 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:33, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.39	Peak	17.913	19.328	20	Pass

Agilent

Measure

FreqRefUnlock
Ch Freq 1.7325 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log 10 dB/Offst 12.9 dB

Center 1.732 50 GHz
Span 40 MHz

#Res BW 390 kHz
#VBW 1.2 MHz
#Sweep 1 s (512 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.9130 MHz	x dB	-26.00 dB
Transmit Freq Error	76.468 kHz	
x dB Bandwidth	19.328 MHz	

Power Stat CCDF
More 1 of 2

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**9.34 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:34, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1732.5	99	26	0.39	Peak	17.901	19.449	20	Pass

Agilent

Measure

FreqRefUnlock
Ch Freq 1.7325 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak  
 Log  
 10  
 dB/  
 Offst  
 12.9  
 dB

Center 1.732 50 GHz
Span 40 MHz

#Res BW 390 kHz
#VBW 1.2 MHz
#Sweep 1 s (512 pts)

Occupied Bandwidth	17.9012 MHz	Occ BW % Pwr	99.00 %
		x dB	-26.00 dB
Transmit Freq Error	65.670 kHz		
x dB Bandwidth	19.449 MHz		

Power Stat
CCDF

More  
1 of 2

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**9.35 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:35, Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.39	Peak	17.93	19.513	20	Pass

Agilent

Measure

FreqRefUnlock
Ch Freq 1.745 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log
10
dB/
Offst
13
dB

Center 1.745 00 GHz
Span 40 MHz

#Res BW 390 kHz
#VBW 1.2 MHz
#Sweep 1 s (512 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
17.9303 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	52.099 kHz	
<b>x dB Bandwidth</b>	19.513 MHz	

Power Stat
CCDF

More
1 of 2

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**9.36 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:36, Channel:20300, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1745	99	26	0.39	Peak	17.914	19.358	20	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 40 MHz. The occupied bandwidth is highlighted in green, showing a value of 17.9136 MHz. The power level is 99.00% and the XdB bandwidth is -26.00 dB. The interface includes various measurement controls and a list of measurement options on the right side.

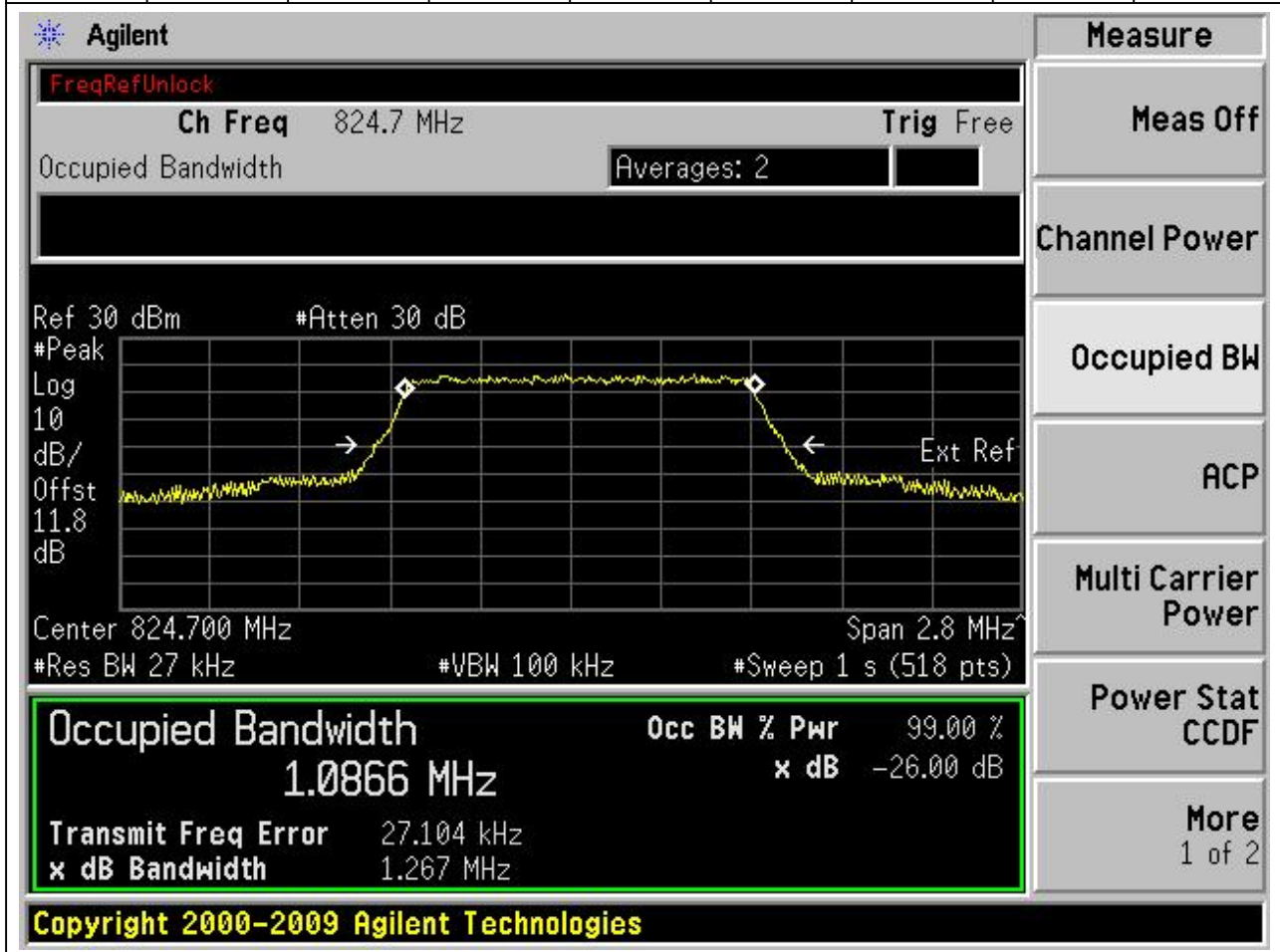
Measurement	Value
Occupied Bandwidth	17.9136 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	74.295 kHz
x dB Bandwidth	19.358 MHz

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## 10. LTE\_Band5

10.1 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:1, Channel:20407, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
824.7	99	26	0.027	Peak	1.087	1.267	1.4	Pass



**10.2 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:2, Channel:20407, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
824.7	99	26	0.027	Peak	1.094	1.281	1.4	Pass

Agilent
Measure

FreqRefUnlock

Ch Freq 824.7 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.8 dB

Center 824.700 MHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
1.0944 MHz	x dB	-26.00 dB
Transmit Freq Error	25.805 kHz	
x dB Bandwidth	1.281 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**10.3 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:3, Channel:20525, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.027	Peak	1.092	1.281	1.4	Pass

**Agilent** Measure

FreqRefUnlock

Ch Freq 836.5 MHz Trig Free

Occupied Bandwidth Averages: 2

---

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.8

dB

Center 836.500 MHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

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

**1.0921 MHz** x dB -26.00 dB

Transmit Freq Error 27.315 kHz

x dB Bandwidth 1.281 MHz

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Meas Off

---

Channel Power

---

Occupied BW

---

ACP

---

Multi Carrier Power

---

Power Stat CCDF

---

More  
1 of 2

**10.4 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:4, Channel:20525, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.027	Peak	1.085	1.261	1.4	Pass

Agilent

Measure

FreqRefUnlock
Ch Freq 836.5 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
Span 2.8 MHz

10
#Res BW 27 kHz

dB/
#VBW 100 kHz

Offst
#Sweep 1 s (518 pts)

11.8

dB

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
1.0853 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	27.074 kHz	
<b>x dB Bandwidth</b>	1.261 MHz	

Power Stat

Meas Off

Multi Carrier Power

Channel Power

Power Stat CCDF

Occupied BW

More

ACP

1 of 2

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**10.5 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:5, Channel:20643, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
848.3	99	26	0.027	Peak	1.093	1.259	1.4	Pass

Agilent
Measure

FreqRefUnlock

Ch Freq 848.3 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.8 dB

Center 848.300 MHz Span 2.8 MHz

#Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
1.0926 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 28.521 kHz	
<b>x dB Bandwidth</b> 1.259 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2



**10.6 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:6, Channel:20643, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
848.3	99	26	0.027	Peak	1.089	1.266	1.4	Pass

Agilent

Measure

FreqRefUnlock
Ch Freq 848.3 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
10

dB/
Offst

11.8
dB

Center 848.300 MHz
Span 2.8 MHz

#Res BW 27 kHz
#VBW 100 kHz
#Sweep 1 s (518 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
1.0890 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	27.986 kHz	
<b>x dB Bandwidth</b>	1.266 MHz	

Power Stat

More

CCDF

1 of 2

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**10.7 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:7, Channel:20415, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
825.5	99	26	0.062	Peak	2.688	2.961	3	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 titled 'Occupied Bandwidth' and shows a signal centered at 825.5 MHz. The plot parameters include: Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst, 11.8 dB, Center 825.500 MHz, Span 6 MHz, #Res BW 62 kHz, #VBW 200 kHz, #Sweep 1 s (483 pts). The plot shows a signal with a peak at 825.5 MHz and a bandwidth of 2.6875 MHz. The XdB Down is -26.00 dB. The Occupied Bandwidth is 2.6875 MHz. The Occ BW % Pwr is 99.00%. The Transmit Freq Error is 27.732 kHz. The x dB Bandwidth is 2.961 MHz. The Ext Ref is also visible on the plot.

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

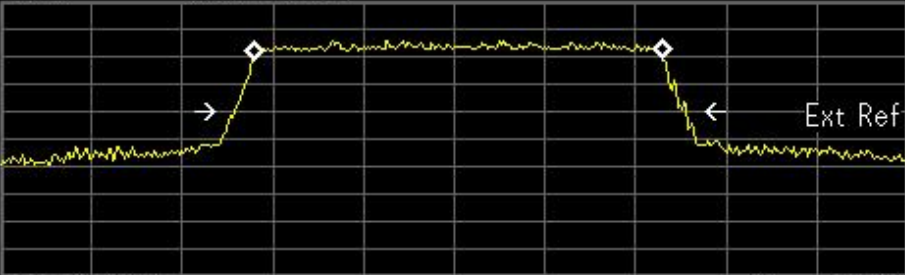
At the bottom of the screenshot, there is a copyright notice: Copyright 2000-2009 Agilent Technologies.

**10.8 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:8, Channel:20415, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
825.5	99	26	0.062	Peak	2.692	2.994	3	Pass

**Agilent**
**Measure**

FreqRefUnlock  
**Ch Freq** 825.5 MHz **Trig** Free  
 Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB  
 #Peak  
 Log  
 10  
 dB/  
 Offst  
 11.8  
 dB  

Ext Ref

Center 825.500 MHz Span 6 MHz  
 #Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
2.6923 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	27.825 kHz	
<b>x dB Bandwidth</b>	2.994 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**10.9 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:9, Channel:20525, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.062	Peak	2.689	2.974	3	Pass

Agilent
Measure

FreqRefUnlock

Ch Freq 836.5 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

Center 836.500 MHz Span 6 MHz  
#Res BW 62 kHz #VBW 200 kHz #Sweep 1 s (483 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
2.6889 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	25.759 kHz	
<b>x dB Bandwidth</b>	2.974 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**10.10 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:10, Channel:20525, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.062	Peak	2.689	2.992	3	Pass

**Agilent**
**Measure**

FreqRefUnlock

**Ch Freq** 836.5 MHz
**Trig** Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm      #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.8

dB

Center 836.500 MHz      Span 6 MHz

#Res BW 62 kHz      #VBW 200 kHz      #Sweep 1 s (483 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
2.6890 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	25.288 kHz	
<b>x dB Bandwidth</b>	2.992 MHz	

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**Meas Off**

---

**Channel Power**

---

**Occupied BW**

---

**ACP**

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**Multi Carrier Power**

---

**Power Stat CCDF**

---

**More**  
1 of 2

**10.11 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:11, Channel:20635, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
847.5	99	26	0.062	Peak	2.694	2.965	3	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Agilent' and 'Measure' options. The main display area includes a spectrum plot with a yellow trace showing the signal's power spectrum. The plot is set to 'Log' scale with a resolution bandwidth of 62 kHz and a video bandwidth of 200 kHz. The center frequency is 847.500 MHz with a span of 6 MHz. The occupied bandwidth is highlighted in a green box, showing a value of 2.6936 MHz. The power level is 99.00% and the XdB bandwidth is -26.00 dB. Other parameters shown include 'Transmit Freq Error' of 25.419 kHz and 'x dB Bandwidth' of 2.965 MHz. The interface also includes a 'Meas Off' button and a 'More' button for additional settings.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
2.6936 MHz	x dB	-26.00 dB
Transmit Freq Error	25.419 kHz	
x dB Bandwidth	2.965 MHz	

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**10.12 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:12, Channel:20635, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
847.5	99	26	0.062	Peak	2.685	2.966	3	Pass

**Agilent**
**Measure**

FreqRefUnlock

**Ch Freq** 847.5 MHz
**Trig** Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm      #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.8

dB

Center 847.500 MHz      Span 6 MHz

#Res BW 62 kHz      #VBW 200 kHz      #Sweep 1 s (483 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
2.6846 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	24.304 kHz	
<b>x dB Bandwidth</b>	2.966 MHz	

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**Meas Off**

**Channel Power**

**Occupied BW**

**ACP**

**Multi Carrier Power**

**Power Stat CCDF**

**More**  
1 of 2

**10.13 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:13, Channel:20425, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
826.5	99	26	0.1	Peak	4.495	4.905	5	Pass

Agilent
Measure

FreqRefUnlock

Ch Freq 826.5 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.8 dB

Center 826.500 MHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4946 MHz	x dB	-26.00 dB
Transmit Freq Error	30.186 kHz	
x dB Bandwidth	4.905 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2



**10.14 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:14, Channel:20425, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
826.5	99	26	0.1	Peak	4.485	4.891	5	Pass

Agilent
Measure

FreqRefUnlock

Ch Freq 826.5 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.8 dB

Center 826.500 MHz Span 10 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
4.4848 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	30.205 kHz	
<b>x dB Bandwidth</b>	4.891 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**10.15 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:15, Channel:20525, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.1	Peak	4.489	4.888	5	Pass

**Agilent**
**Measure**

FreqRefUnlock

**Ch Freq** 836.5 MHz
**Trig** Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm      #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.8

dB

Center 836.500 MHz      Span 10 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
4.4887 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	28.774 kHz	
<b>x dB Bandwidth</b>	4.888 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**10.16 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:16, Channel:20525, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.1	Peak	4.493	4.927	5	Pass

**Agilent**
**Measure**

FreqRefUnlock

**Ch Freq** 836.5 MHz
**Trig** Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm      #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.8

dB

Center 836.500 MHz      Span 10 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
4.4933 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	26.367 kHz	
<b>x dB Bandwidth</b>	4.927 MHz	

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**Meas Off**

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**Channel Power**

---

**Occupied BW**

---

**ACP**

---

**Multi Carrier Power**

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**Power Stat CCDF**

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**More**  
1 of 2

**10.17 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:17, Channel:20625, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
846.5	99	26	0.1	Peak	4.489	4.877	5	Pass

Agilent
Measure

FreqRefUnlock

Ch Freq 846.5 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

Center 846.500 MHz Span 10 MHz  
#Res BW 100 kHz #VBW 300 kHz #Sweep 1 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
4.4887 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	28.123 kHz	
<b>x dB Bandwidth</b>	4.877 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**10.18 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:18, Channel:20625, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
846.5	99	26	0.1	Peak	4.497	4.929	5	Pass

**Agilent**
**Measure**

FreqRefUnlock

**Ch Freq** 846.5 MHz
**Trig** Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
10

dB/
Offst

11.8
dB

Center 846.500 MHz
Span 10 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
4.4968 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	28.817 kHz	
<b>x dB Bandwidth</b>	4.929 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**10.19 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:19, Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
829	99	26	0.2	Peak	8.958	9.78	10	Pass

Agilent
Measure

FreqRefUnlock

Ch Freq 829 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

Center 829.00 MHz Span 20 MHz  
 #Res BW 200 kHz #VBW 620 kHz #Sweep 1 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9580 MHz	x dB	-26.00 dB
Transmit Freq Error	33.992 kHz	
x dB Bandwidth	9.780 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF


More  
1 of 2

**10.20 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:20, Channel:20450, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
829	99	26	0.2	Peak	8.945	9.757	10	Pass

**Agilent**
**Measure**

FreqRefUnlock  
**Ch Freq** 829 MHz **Trig** Free  
 Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB  
 #Peak  
 Log  
 10  
 dB/  
 Offst  
 11.8  
 dB  


Center 829.00 MHz Span 20 MHz  
 #Res BW 200 kHz #VBW 620 kHz #Sweep 1 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
8.9448 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	44.227 kHz	
<b>x dB Bandwidth</b>	9.757 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**10.21 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:21, Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.2	Peak	8.935	9.698	10	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 titled 'Occupied Bandwidth' and shows a signal centered at 836.5 MHz. The plot parameters include: Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst, 11.8 dB, Center 836.50 MHz, Span 20 MHz, #Res BW 200 kHz, #VBW 620 kHz, #Sweep 1 s (500 pts). The plot shows a signal with a peak at 836.5 MHz and a bandwidth of 9.698 MHz. The occupied bandwidth is 8.9348 MHz, which is 99.00% of the power. The XdB Down is -26.00 dB. The transmit frequency error is 36.567 kHz. The XdB Bandwidth is 9.698 MHz. The bottom of the screen shows 'Copyright 2000-2009 Agilent Technologies'.

Measure	Value
Meas Off	Meas Off
Channel Power	Channel Power
Occupied BW	8.9348 MHz
ACP	-26.00 dB
Multi Carrier Power	Multi Carrier Power
Power Stat CCDF	Power Stat CCDF
More	1 of 2

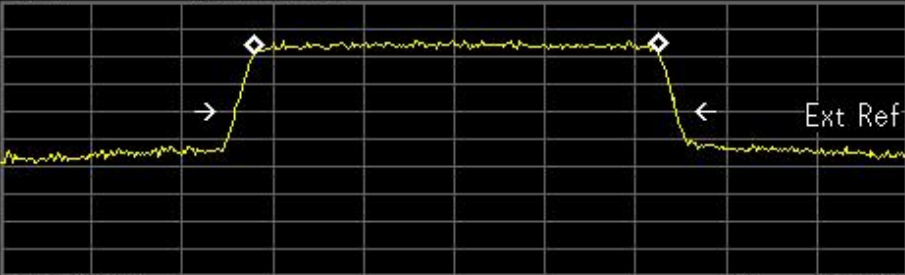


**10.22 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:22, Channel:20525, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
836.5	99	26	0.2	Peak	8.942	9.748	10	Pass

**Agilent**
**Measure**

FreqRefUnlock  
**Ch Freq** 836.5 MHz **Trig** Free  
 Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB  
 #Peak  
 Log  
 10  
 dB/  
 Offst  
 11.8  
 dB  


Center 836.50 MHz Span 20 MHz  
 #Res BW 200 kHz #VBW 620 kHz #Sweep 1 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
8.9418 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	33.592 kHz	
<b>x dB Bandwidth</b>	9.748 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**10.23 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:23, Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
844	99	26	0.2	Peak	8.961	9.739	10	Pass

Agilent
Measure

FreqRefUnlock  
**Ch Freq** 844 MHz **Trig** Free  
 Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 844.00 MHz Span 20 MHz  
 #Res BW 200 kHz #VBW 620 kHz #Sweep 1 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
8.9607 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	12.027 kHz	
<b>x dB Bandwidth</b>	9.739 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

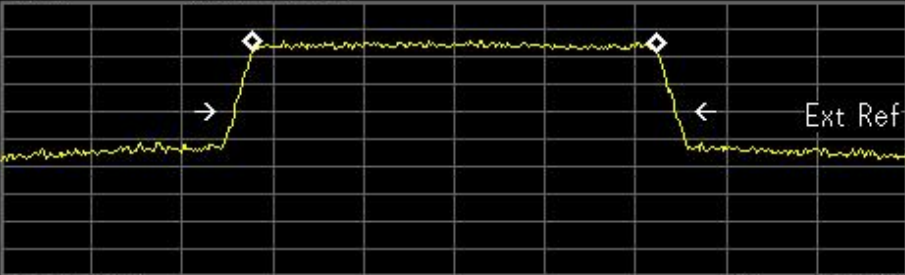
More  
1 of 2

**10.24 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:24, Channel:20600, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
844	99	26	0.2	Peak	8.948	9.752	10	Pass

Agilent
Measure

FreqRefUnlock  
**Ch Freq** 844 MHz **Trig** Free  
 Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB  
 #Peak  
 Log  
 10  
 dB/  
 Offst  
 11.8  
 dB  


Center 844.00 MHz Span 20 MHz  
 #Res BW 200 kHz #VBW 620 kHz #Sweep 1 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
8.9483 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	6.713 kHz	
<b>x dB Bandwidth</b>	9.752 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

## 11. LTE\_Band7

11.1 LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:1, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

