

**12.18. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:18, Channel:23155, 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
713.5	99	26	0.1	Peak	4.495	4.97	5	Pass

Agilent

Measure

Ch Freq 713.5 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 28.95 dBm    #Atten 30 dB

#Peak

Log

10

dB/

Offst

8.95

dB

Center 713.500 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 %
4.4954 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-2.122 kHz
<b>x dB Bandwidth</b>	4.970 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**12.19. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:19, Channel:23060, 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
704	99	26	0.2	Peak	8.976	9.809	10	Pass

Agilent
Measure

Ch Freq 704 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 28.95 dBm
#Atten 30 dB

#Peak  
Log  
10  
dB/  
Offst  
8.95  
dB

Center 704.00 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 %
8.9755 MHz	x dB -26.00 dB
Transmit Freq Error	15.046 kHz
x dB Bandwidth	9.809 MHz

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More  
1 of 2

**1.20. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:20, Channel:23060, 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
704	99	26	0.2	Peak	8.943	9.75	10	Pass

Agilent

Measure

Ch Freq 704 MHz
Trig Free

Occupied Bandwidth

Averages: 2

Ref 28.95 dBm
#Atten 30 dB

#Peak

Log
10

dB/
Offst

8.95
dB

Center 704.00 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 %
8.9434 MHz	x dB -26.00 dB
Transmit Freq Error 5.200 kHz	
x dB Bandwidth 9.750 MHz	

Power Stat CCDF

More

1 of 2

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**12.21. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:21, Channel:23095, 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
707.5	99	26	0.2	Peak	8.949	9.706	10	Pass

Agilent
Measure

Ch Freq 707.5 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 28.95 dBm
#Atten 30 dB

#Peak  
Log  
10  
dB/  
Offst  
8.95  
dB

Center 707.50 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 %
8.9487 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-5.001 kHz
<b>x dB Bandwidth</b>	9.706 MHz

**Copyright 2000-2012 Agilent Technologies**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**12.22. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:22, Channel:23095, 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
707.5	99	26	0.2	Peak	8.956	9.773	10	Pass

Agilent
Measure

Ch Freq 707.5 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 28.95 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.95 dB

Center 707.50 MHz Span 20 MHz

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

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

**8.9559 MHz** x dB -26.00 dB

Transmit Freq Error -4.551 kHz

x dB Bandwidth 9.773 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**12.23. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:23, Channel:23130, 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
711	99	26	0.2	Peak	8.971	9.821	10	Pass

Agilent

Measure

Ch Freq 711 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 28.95 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
8.95

dB

Center 711.00 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 %
8.9706 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>		-24.503 kHz
<b>x dB Bandwidth</b>		9.821 MHz

Power Stat
CCDF

More
1 of 2

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**12.24. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:24, Channel:23130, 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
711	99	26	0.2	Peak	8.963	9.818	10	Pass

**Agilent**
**Measure**

Ch Freq 711 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 28.95 dBm #Atten 30 dB

Center 711.00 MHz Span 20 MHz  
 #Res BW 200 kHz #VBW 620 kHz #Sweep 1 s (500 pts)

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

**8.9629 MHz** x dB -26.00 dB

Transmit Freq Error -23.279 kHz

x dB Bandwidth 9.818 MHz

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**Meas Off**

**Channel Power**

**Occupied BW**

**ACP**

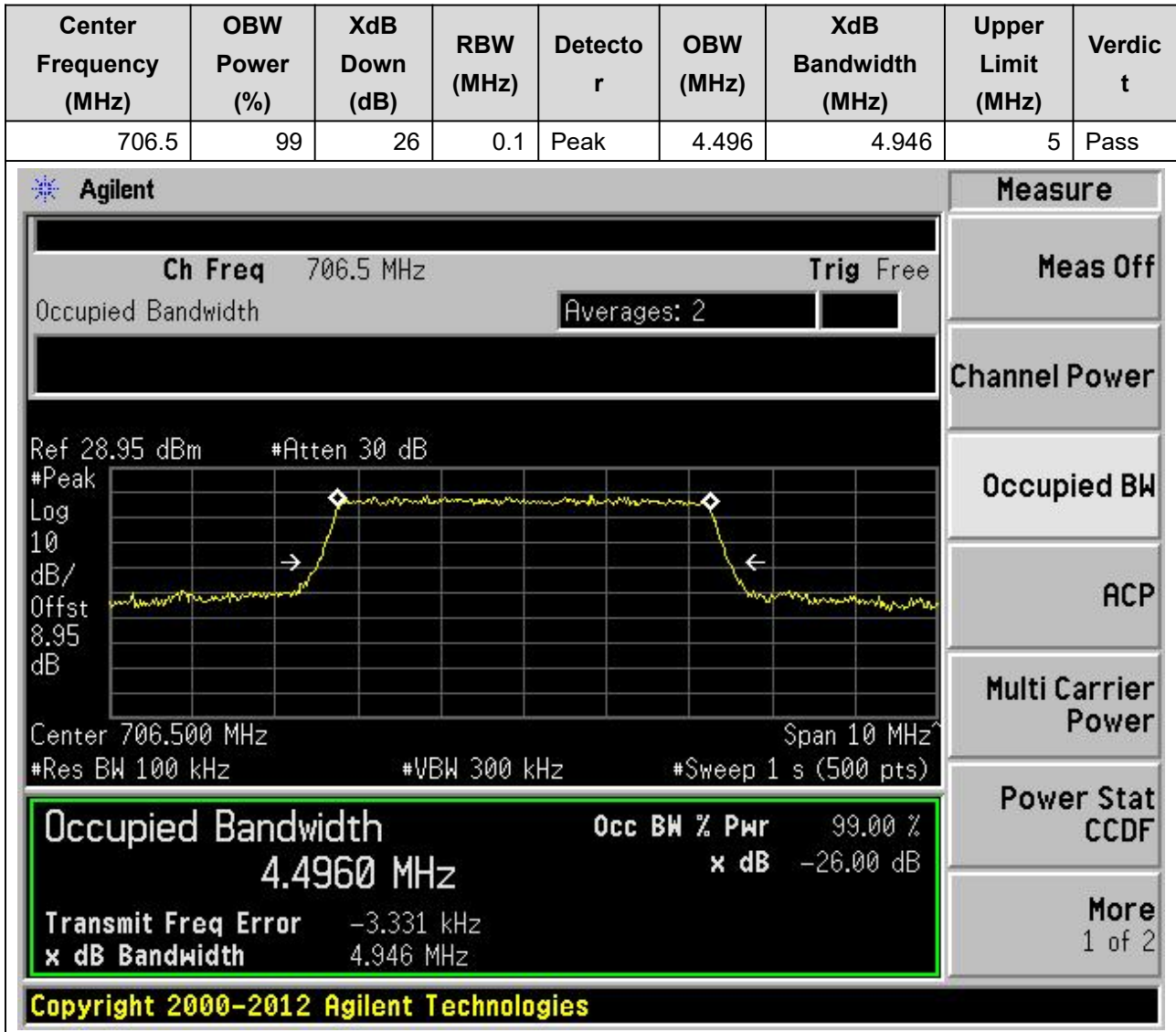
**Multi Carrier Power**

**Power Stat CCDF**

**More**  
1 of 2

### 13. LTE\_Band17

#### 13.1. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:1, Channel:23755, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)





**13.2. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:2, Channel:23755, 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
706.5	99	26	0.1	Peak	4.481	4.878	5	Pass

**Agilent**
**Measure**

Ch Freq 706.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.95 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 8.95 dB

Center 706.500 MHz Span 10 MHz

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

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

**4.4812 MHz** x dB -26.00 dB

Transmit Freq Error -1.519 kHz

x dB Bandwidth 4.878 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**13.3. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:3, Channel:23790, 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
710	99	26	0.1	Peak	4.495	4.962	5	Pass

Agilent
Measure

Ch Freq 710 MHz Trig Free

Occupied Bandwidth Averages: 2

Center 710.000 MHz Span 10 MHz  
#Res BW 100 kHz #VBW 300 kHz #Sweep 1 s (500 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**Occupied Bandwidth**

**4.4949 MHz**

Transmit Freq Error -521.018 Hz

x dB Bandwidth 4.962 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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**13.4. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:4, Channel:23790, 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
710	99	26	0.1	Peak	4.505	4.978	5	Pass

Agilent
Measure

Ch Freq 710 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 28.95 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
8.95

dB

Center 710.000 MHz
Span 10 MHz

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

Occupied Bandwidth
Occ BW % Pwr 99.00 %

4.5049 MHz
x dB -26.00 dB

Transmit Freq Error 4.509 kHz

x dB Bandwidth 4.978 MHz

Power Stat CCDF

More

1 of 2

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**13.5. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:5, Channel:23825, 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
713.5	99	26	0.1	Peak	4.484	4.92	5	Pass

Agilent
Measure

Ch Freq 713.5 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 28.95 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
8.95

dB

Center 713.500 MHz
Span 10 MHz

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

Occupied Bandwidth
Occ BW % Pwr 99.00 %

4.4843 MHz
x dB -26.00 dB

Transmit Freq Error -4.482 kHz

x dB Bandwidth 4.920 MHz

Power Stat CCDF

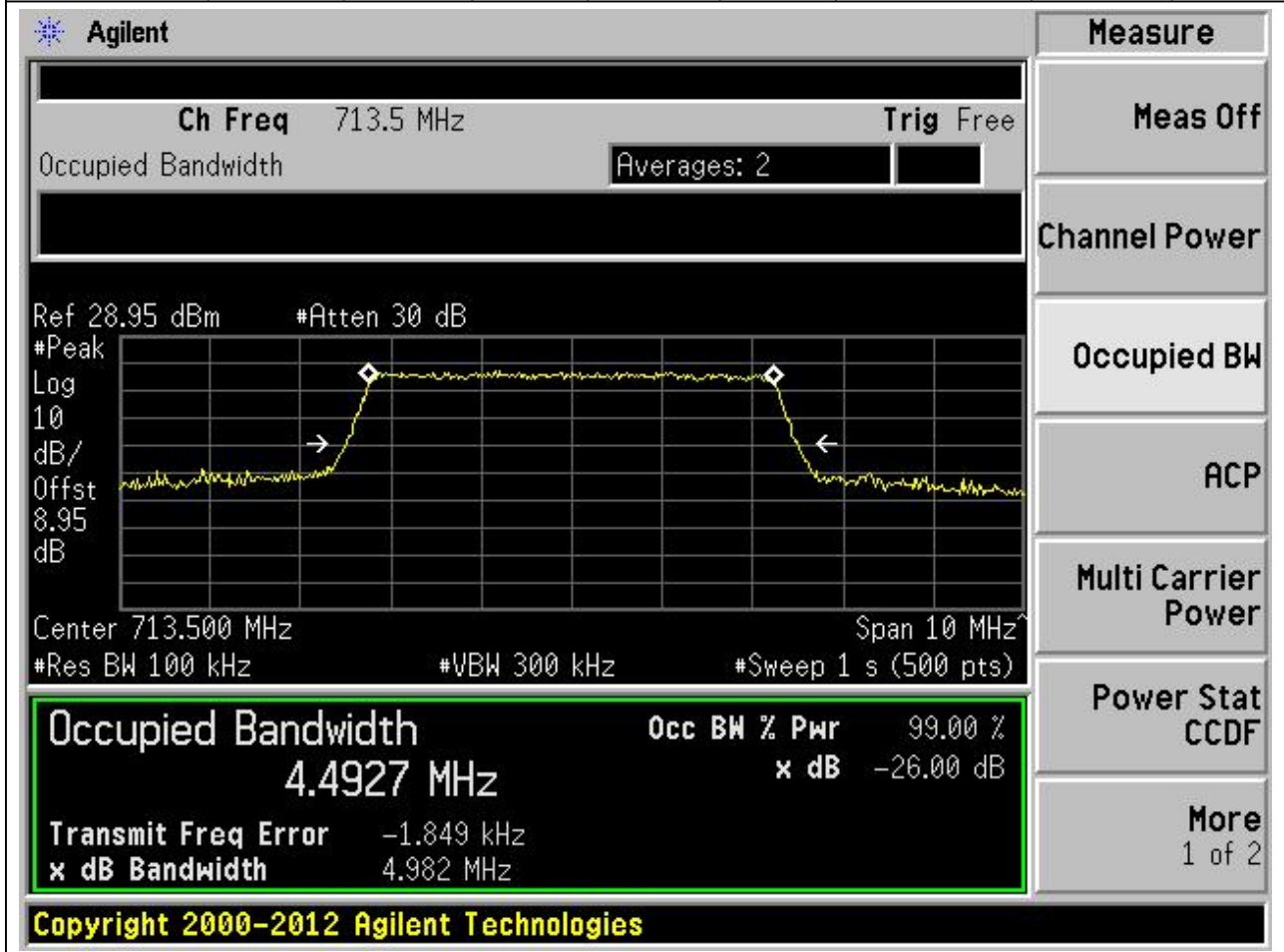
More

1 of 2

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**13.6. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:6, Channel:23825, 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
713.5	99	26	0.1	Peak	4.493	4.982	5	Pass



**13.7. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:7, Channel:23780, 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
709	99	26	0.2	Peak	8.965	9.808	10	Pass

Agilent
Measure

Ch Freq 709 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 28.95 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 8.95 dB

Center 709.00 MHz Span 20 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**Occupied Bandwidth**

**8.9651 MHz**

Transmit Freq Error -168.793 Hz

x dB Bandwidth 9.808 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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**13.8. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:8, Channel:23780, 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
709	99	26	0.2	Peak	8.969	9.73	10	Pass

Agilent
Measure

Ch Freq 709 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 28.95 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
8.95

dB

Center 709.00 MHz
Span 20 MHz

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

Occupied Bandwidth
Occ BW % Pwr 99.00 %

8.9692 MHz
x dB -26.00 dB

Transmit Freq Error -6.134 kHz

x dB Bandwidth 9.730 MHz

Power Stat CCDF

More 1 of 2

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**13.9. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:9, Channel:23790, 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
710	99	26	0.2	Peak	8.959	9.769	10	Pass

Agilent
Measure

Ch Freq 710 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 28.95 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
8.95

dB

Center 710.00 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 %
8.9592 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-14.471 kHz
<b>x dB Bandwidth</b>	9.769 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**13.10. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:10, Channel:23790, 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
710	99	26	0.2	Peak	8.957	9.789	10	Pass

Agilent
Measure

Ch Freq 710 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 28.95 dBm
#Atten 30 dB

#Peak  
Log  
10  
dB/  
Offst  
8.95  
dB

Center 710.00 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 %
8.9571 MHz	x dB	-26.00 dB
Transmit Freq Error	-12.747 kHz	
x dB Bandwidth	9.789 MHz	

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

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**13.11. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:11, Channel:23800, 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
711	99	26	0.2	Peak	8.966	9.841	10	Pass

Agilent
Measure

Ch Freq 711 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 28.95 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
8.95

dB

Center 711.00 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 %
8.9657 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-24.746 kHz
<b>x dB Bandwidth</b>	9.841 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**13.12. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:12, Channel:23800, 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
711	99	26	0.2	Peak	8.963	9.787	10	Pass

Agilent
Measure

Ch Freq 711 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 28.95 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
8.95

dB

Center 711.00 MHz
Span 20 MHz

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

Occupied Bandwidth
Occ BW % Pwr 99.00 %

8.9634 MHz
x dB -26.00 dB

Transmit Freq Error -22.198 kHz

x dB Bandwidth 9.787 MHz

Power Stat CCDF

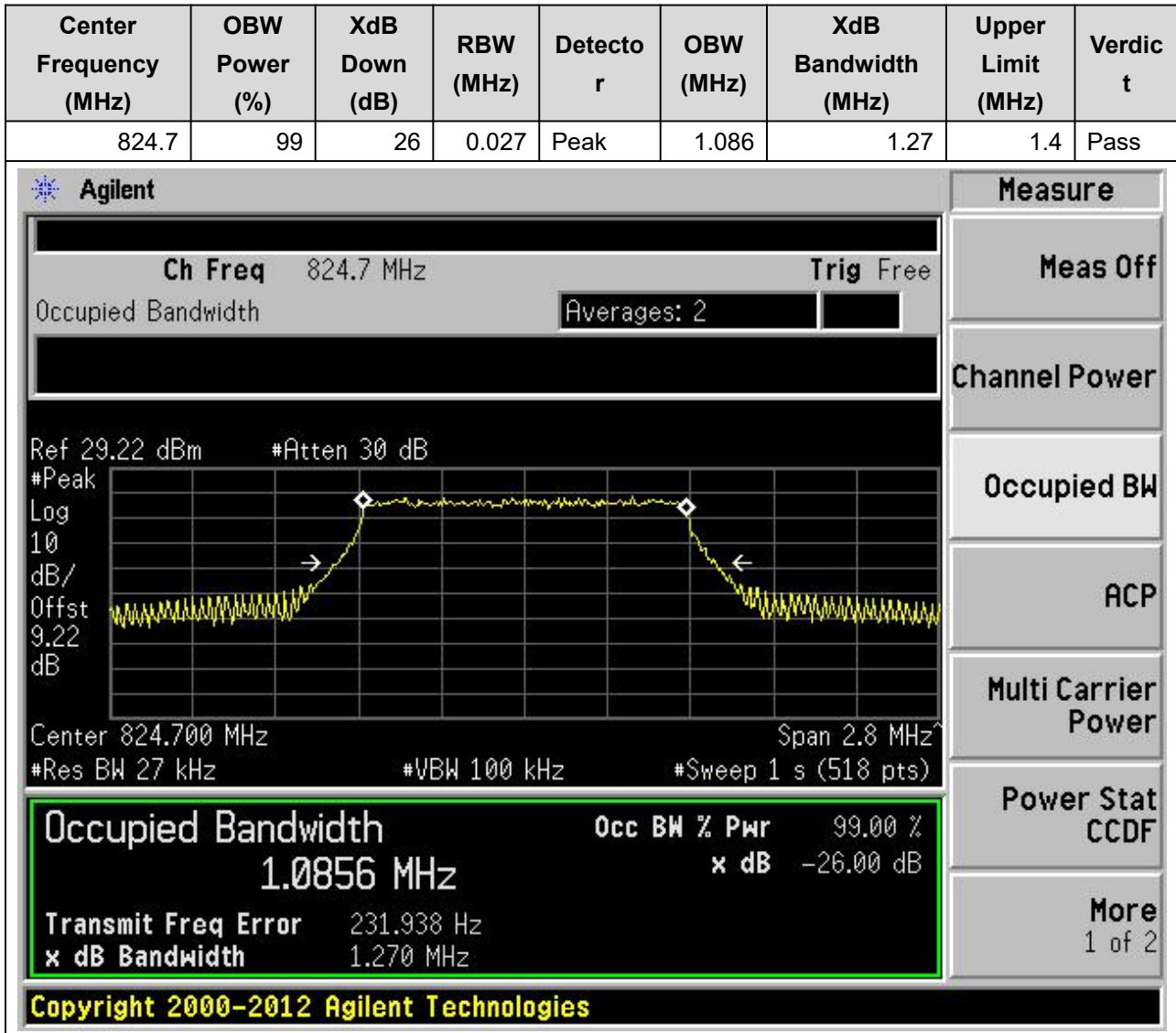
More

1 of 2

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## 14. LTE\_Band26(part22)

14.1. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:1, Channel:26797, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)





**14.2. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:2, Channel:26797, 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	1.091	1.275	1.4	Pass

Agilent

Measure

Ch Freq 824.7 MHz
Trig Free

Occupied Bandwidth

Averages: 2

Ref 29.22 dBm
#Atten 30 dB

#Peak  
Log  
10  
dB/  
Offst  
9.22  
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 %
1.0907 MHz	x dB	-26.00 dB
Transmit Freq Error	-2.394 kHz	
x dB Bandwidth	1.275 MHz	

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

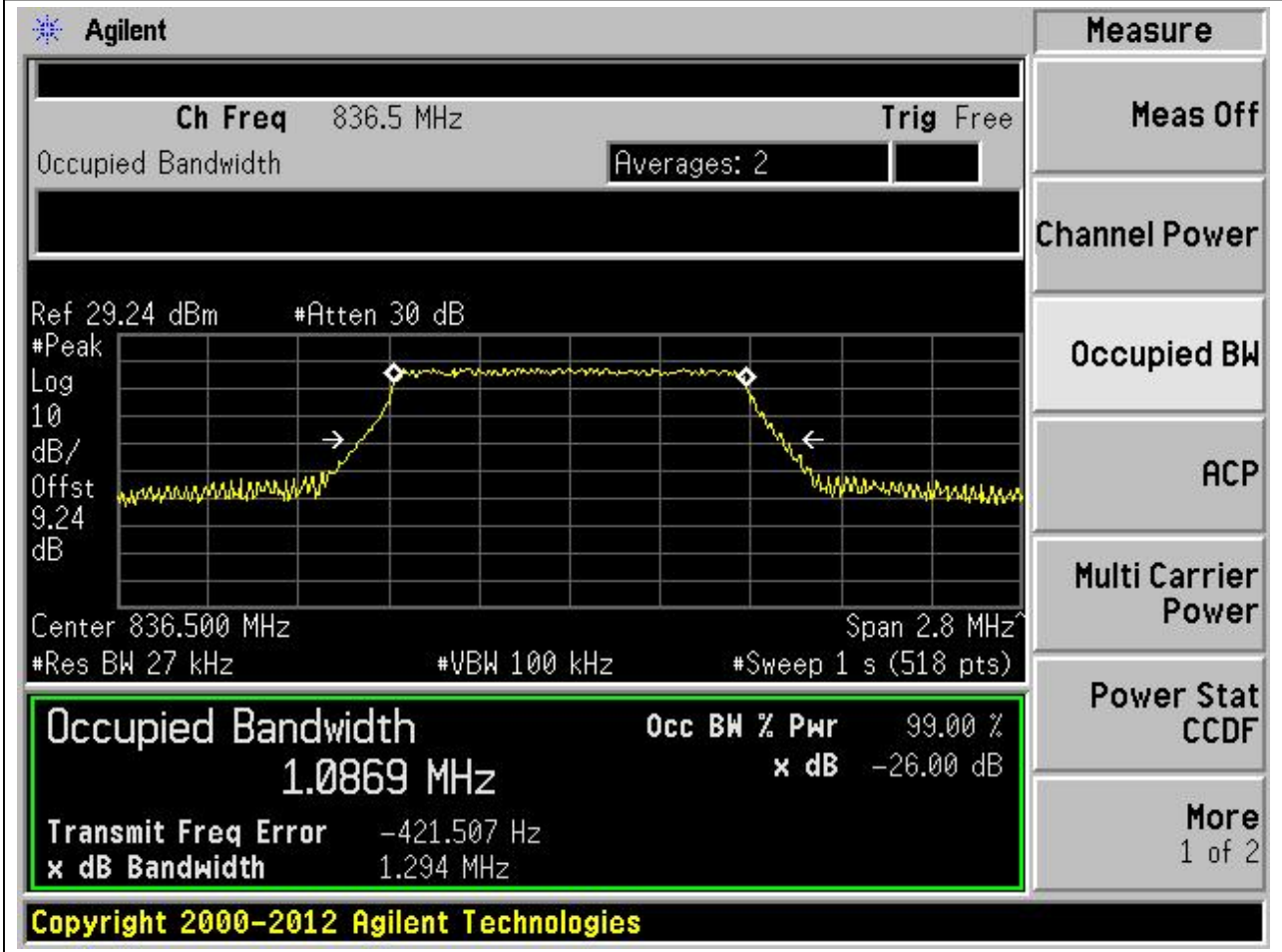
Power Stat CCDF

More  
1 of 2

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**14.3. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:3, Channel:26915, 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	1.087	1.294	1.4	Pass



**14.4. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:4, Channel:26915, 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	1.262	1.4	Pass

Agilent

Measure

Ch Freq 836.5 MHz
Trig Free

Occupied Bandwidth

Averages: 2

Ref 29.24 dBm
#Atten 30 dB

#Peak

Log
10

dB/
Offst

9.24
dB

Center 836.500 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 %
1.0849 MHz	x dB -26.00 dB
Transmit Freq Error 1.037 kHz	
x dB Bandwidth 1.262 MHz	

Power Stat CCDF

More

1 of 2

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**14.5. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:5, Channel:27033, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)**

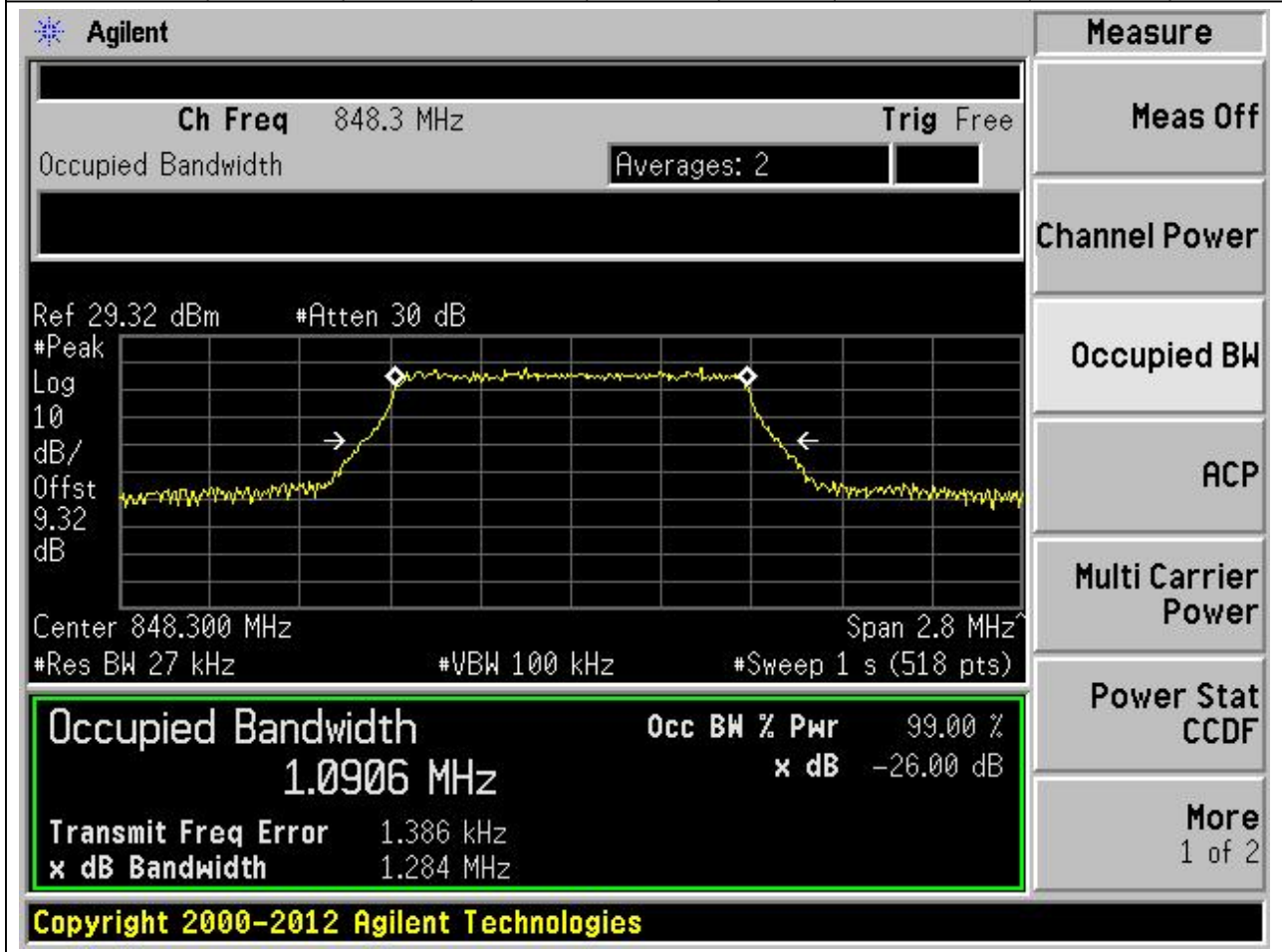
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
848.3	99	26	0.027	Peak	1.088	1.266	1.4	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 848.300 MHz, and the span is 2.8 MHz. The occupied bandwidth is highlighted as 1.0884 MHz. The power level is 99.00% and the XdB down is -26.00 dB. The transmit frequency error is -1.494 kHz. The XdB bandwidth is 1.266 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 %
1.0884 MHz	x dB	-26.00 dB
Transmit Freq Error		-1.494 kHz
x dB Bandwidth		1.266 MHz

**14.6. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:6, Channel:27033, 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	1.091	1.284	1.4	Pass



**14.7. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:7, Channel:26805, 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	2.694	2.956	3	Pass

Agilent
Measure

Ch Freq 825.5 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 29.22 dBm #Atten 30 dB

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

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

**2.6944 MHz** x dB -26.00 dB

Transmit Freq Error -1.074 kHz

x dB Bandwidth 2.956 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2



**14.8. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:8, Channel:26805, 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	2.69	2.944	3	Pass

Agilent
Measure

Ch Freq 825.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.22 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.22 dB

Center 825.500 MHz Span 6 MHz

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

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

**2.6902 MHz** x dB -26.00 dB

Transmit Freq Error -117.561 Hz

x dB Bandwidth 2.944 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**14.9. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:9, Channel:26915, 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	2.705	2.945	3	Pass

Agilent
Measure

Ch Freq 836.5 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.24 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
9.24

dB

Center 836.500 MHz
Span 6 MHz

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

Occupied Bandwidth
Occ BW % Pwr 99.00 %

2.7047 MHz
x dB -26.00 dB

Transmit Freq Error 2.570 kHz

x dB Bandwidth 2.945 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**14.10. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:10, Channel:26915, 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	2.694	2.953	3	Pass

Agilent

Measure

Ch Freq 836.5 MHz
Trig Free

Occupied Bandwidth

Averages: 2

Ref 29.24 dBm
#Atten 30 dB

#Peak

Log
10

dB/
Offst

9.24
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 %
2.6941 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	431.382 Hz
<b>x dB Bandwidth</b>	2.953 MHz

Power Stat

CCDF

More  
1 of 2

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**14.11. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:11, Channel:27025, 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	2.7	2.953	3	Pass

Agilent
Measure

Ch Freq 847.5 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.31 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
9.31

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 %
2.7005 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-2.744 kHz
<b>x dB Bandwidth</b>	2.953 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**14.12. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:12, Channel:27025, 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	2.695	2.953	3	Pass

Agilent

Measure

Ch Freq 847.5 MHz
Trig Free

Occupied Bandwidth

Averages: 2

Ref 29.31 dBm
#Atten 30 dB

#Peak

Log
10

dB/
Offst

9.31
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 %
2.6949 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>		-2.974 kHz
<b>x dB Bandwidth</b>		2.953 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

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**14.13. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:13, Channel:26815, 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	4.498	4.97	5	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 826.5 MHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow trace. The plot parameters include 'Ref 29.23 dBm', '#Atten 30 dB', 'Log 10 dB/Offst 9.23 dB', 'Center 826.500 MHz', 'Span 10 MHz', '#Res BW 100 kHz', '#VBW 300 kHz', and '#Sweep 1 s (500 pts)'. A green box highlights the measurement results: 'Occupied Bandwidth 4.4982 MHz', 'Occ BW % Pwr 99.00 %', and 'x dB -26.00 dB'. Below this, it shows 'Transmit Freq Error 2.515 kHz' and 'x dB Bandwidth 4.970 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'.



**14.14. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:14, Channel:26815, 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	4.493	4.887	5	Pass

Agilent

Measure

Ch Freq 826.5 MHz
Trig Free

Occupied Bandwidth

Averages: 2

Ref 29.23 dBm
#Atten 30 dB

#Peak

Log

10

dB/

Offst

9.23

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 %
4.4933 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>		-1.175 kHz
<b>x dB Bandwidth</b>		4.887 MHz

Power Stat

Meas Off

Channel Power

Meas Off

Occupied BW

Meas Off

ACP

Meas Off

Multi Carrier Power

Meas Off

Power Stat CCDF

Meas Off

More

Meas Off

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**14.15. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:15, Channel:26915, 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	4.492	4.942	5	Pass

Agilent
Measure

Ch Freq 836.5 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 29.24 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.24 dB

Center 836.500 MHz Span 10 MHz

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

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

**4.4921 MHz** x dB -26.00 dB

Transmit Freq Error 962.611 Hz

x dB Bandwidth 4.942 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**14.16. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:16, Channel:26915, 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	4.501	4.968	5	Pass

Agilent

Measure

Ch Freq 836.5 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.24 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
9.24

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 %
4.5013 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>		3.536 kHz
<b>x dB Bandwidth</b>		4.968 MHz

Power Stat
CCDF

More
1 of 2

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**14.17. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:17, Channel:27015, 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	4.929	5	Pass

Agilent
Measure

Ch Freq 846.5 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.3 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
9.3

dB

Center 846.500 MHz
Span 10 MHz

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

Occupied Bandwidth
Occ BW % Pwr 99.00 %

4.4893 MHz
x dB -26.00 dB

Transmit Freq Error -3.798 kHz

x dB Bandwidth 4.929 MHz

Power Stat CCDF

More

1 of 2

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**14.18. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:18, Channel:27015, 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	4.5	4.969	5	Pass

Agilent
Measure

Ch Freq 846.5 MHz
Trig Free

Occupied Bandwidth Averages: 2

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
4.4998 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-785.553 Hz
<b>x dB Bandwidth</b>	4.969 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**14.19. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:19, Channel:26840, 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	8.963	9.829	10	Pass

Agilent
Measure

Ch Freq 829 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 29.24 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.24 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 %
8.9627 MHz	x dB -26.00 dB
Transmit Freq Error 1.045 kHz	
x dB Bandwidth 9.829 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2



**14.20. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:20, Channel:26840, 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	8.969	9.739	10	Pass

Agilent
Measure

Ch Freq 829 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.24 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
9.24

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 %
8.9695 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	4.418 kHz	
<b>x dB Bandwidth</b>	9.739 MHz	

Power Stat
CCDF

More
1 of 2

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**14.21. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:21, Channel:26915, 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	8.96	9.717	10	Pass

Agilent
Measure

Ch Freq 836.5 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 29.24 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.24 dB

Center 836.50 MHz Span 20 MHz

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

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

**8.9599 MHz** x dB -26.00 dB

Transmit Freq Error -5.716 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

**14.22. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:22, Channel:26915, 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	8.956	9.772	10	Pass

Agilent
Measure

Ch Freq 836.5 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 29.24 dBm #Atten 30 dB

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

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

**8.9556 MHz** x dB -26.00 dB

Transmit Freq Error 269.664 Hz

x dB Bandwidth 9.772 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**14.23. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:23, Channel:26990, 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	8.955	9.714	10	Pass

Agilent
Measure

Ch Freq 844 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.28 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
9.28

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 %
8.9546 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-14.282 kHz
<b>x dB Bandwidth</b>	9.714 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**14.24. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:24, Channel:26990, 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	8.949	9.787	10	Pass

Agilent
Measure

Ch Freq 844 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.28 dBm
#Atten 30 dB

#Peak  
Log  
10  
dB/  
Offst  
9.28  
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 %
8.9493 MHz	x dB	-26.00 dB
Transmit Freq Error	-12.630 kHz	
x dB Bandwidth	9.787 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**14.25. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:25, Channel:26865, 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
831.5	99	26	0.3	Peak	13.442	14.654	15	Pass

Agilent
Measure

Ch Freq 831.5 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 29.24 dBm #Atten 30 dB

Center 831.50 MHz Span 30 MHz  
#Res BW 300 kHz #VBW 1 MHz #Sweep 1 s (500 pts)

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

**13.4417 MHz** x dB -26.00 dB

Transmit Freq Error 3.488 kHz

x dB Bandwidth 14.654 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2



**14.26. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:26, Channel:26865, 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
831.5	99	26	0.3	Peak	13.478	14.59	15	Pass

Agilent
Measure

Ch Freq 831.5 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.24 dBm
#Atten 30 dB

#Peak  
Log  
10  
dB/  
Offst  
9.24  
dB

Center 831.50 MHz
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 %
13.4778 MHz	x dB -26.00 dB
Transmit Freq Error	-64.888 Hz
x dB Bandwidth	14.590 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**14.27. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:27, Channel:26915, 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
836.5	99	26	0.3	Peak	13.433	14.648	15	Pass

Agilent

Measure

Ch Freq 836.5 MHz
Trig Free

Occupied Bandwidth

Averages: 2

Ref 29.24 dBm
#Atten 30 dB

#Peak

Log
10

dB/
Offst

9.24
dB

Center 836.50 MHz
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 %
13.4331 MHz	x dB -26.00 dB
Transmit Freq Error 12.132 kHz	
x dB Bandwidth 14.648 MHz	

Power Stat

CCDF

More

1 of 2

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**14.28. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:28, Channel:26915, 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
836.5	99	26	0.3	Peak	13.479	14.673	15	Pass

Agilent
Measure

Ch Freq 836.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.24 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.24 dB

Center 836.50 MHz Span 30 MHz

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

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

**13.4794 MHz** x dB -26.00 dB

Transmit Freq Error 10.916 kHz

x dB Bandwidth 14.673 MHz

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

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**14.29. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:29, Channel:26965, 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
841.5	99	26	0.3	Peak	13.389	14.642	15	Pass

Agilent
Measure

Ch Freq 841.5 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.25 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
9.25

dB

Center 841.50 MHz
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 %
13.3893 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-7.895 kHz
<b>x dB Bandwidth</b>	14.642 MHz

Power Stat CCDF
More

1 of 2

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**14.30. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:30, Channel:26965, 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
841.5	99	26	0.3	Peak	13.416	14.64	15	Pass

Agilent

Measure

Ch Freq 841.5 MHz
Trig Free

Occupied Bandwidth

Averages: 2

Ref 29.25 dBm
#Atten 30 dB

#Peak

Log

10

dB/

Offst

9.25

dB

Center 841.50 MHz
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 %
13.4158 MHz	x dB -26.00 dB
Transmit Freq Error 5.703 kHz	
x dB Bandwidth 14.640 MHz	

Power Stat

Meas Off

CCDF

Channel Power

More

Occupied BW

1 of 2

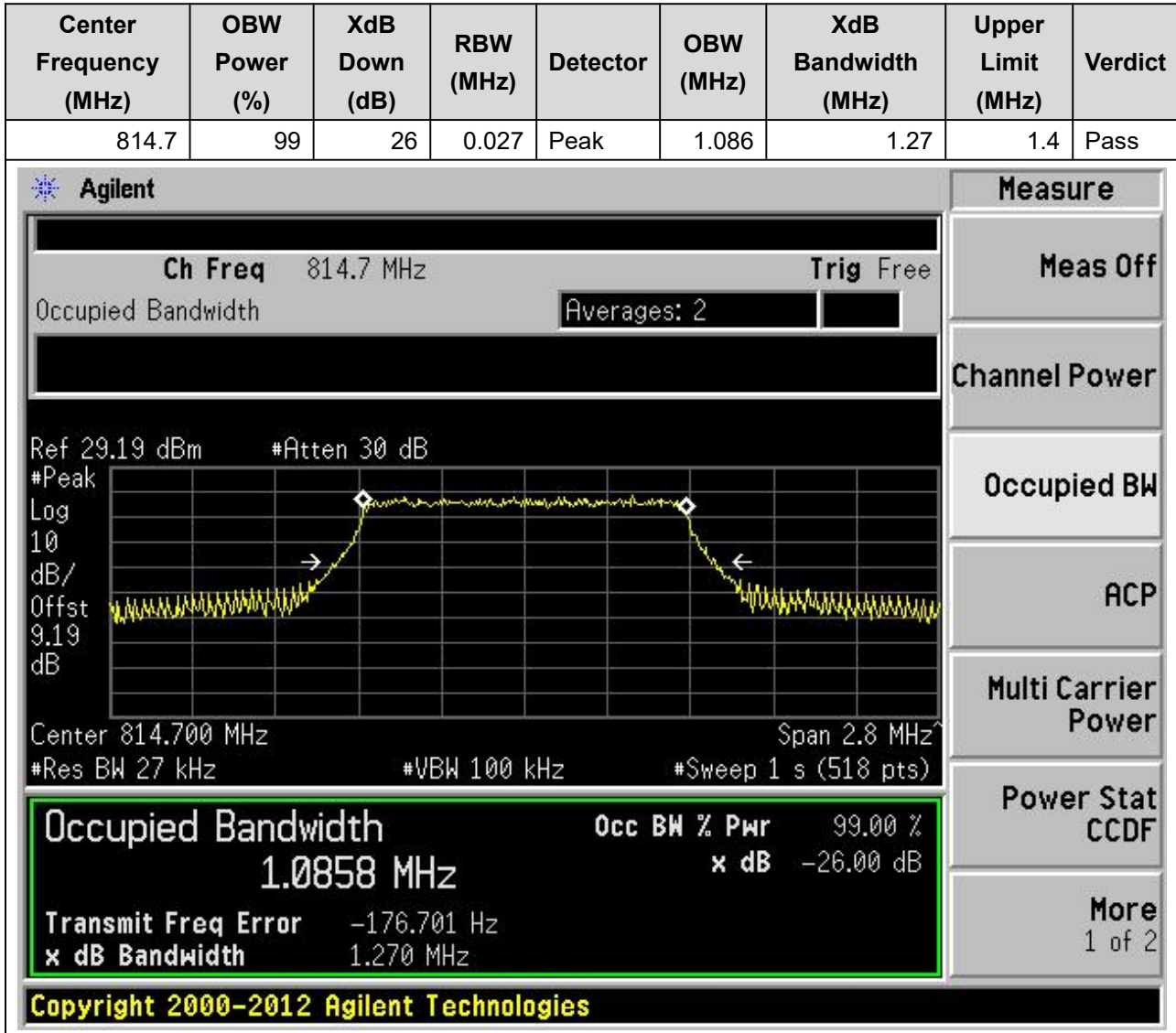
ACP

Multi Carrier Power

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## 15. LTE\_Band26(part90)

15.1. LTE Occupied Bandwidth\_Part90(NTNV)(Subtest:1, Channel:26697, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)





**15.2. LTE Occupied Bandwidth\_Part90(NTNV)(Subtest:2, Channel:26697, 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
814.7	99	26	0.027	Peak	1.09	1.285	1.4	Pass

Agilent
Measure

Ch Freq 814.7 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 29.19 dBm #Atten 30 dB

Center 814.700 MHz Span 2.8 MHz  
 #Res BW 27 kHz #VBW 100 kHz #Sweep 1 s (518 pts)

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

**1.0904 MHz** x dB -26.00 dB

Transmit Freq Error -1.894 kHz

x dB Bandwidth 1.285 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**15.3. LTE Occupied Bandwidth\_Part90(NTNV)(Subtest:3, Channel:26740, 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
819	99	26	0.027	Peak	1.088	1.29	1.4	Pass

Agilent

Measure

Ch Freq 819 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.19 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
9.19

dB

Center 819.000 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 %
1.0878 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 40.390 Hz	
<b>x dB Bandwidth</b> 1.290 MHz	

Power Stat
CCDF

More
1 of 2

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**15.4. LTE Occupied Bandwidth\_Part90(NTNV)(Subtest:4, Channel:26740, 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
819	99	26	0.027	Peak	1.084	1.263	1.4	Pass

Agilent
Measure

Ch Freq 819 MHz
Trig Free

Occupied Bandwidth Averages: 2

Ref 29.19 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.19 dB

Center 819.000 MHz Span 2.8 MHz

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

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

**1.0836 MHz** x dB -26.00 dB

Transmit Freq Error -26.243 Hz

x dB Bandwidth 1.263 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2



**15.6. LTE Occupied Bandwidth\_Part90(NTNV)(Subtest:6, Channel:26783, 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
823.3	99	26	0.027	Peak	1.092	1.282	1.4	Pass

Agilent
Measure

Ch Freq 823.3 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.21 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
9.21

dB

Center 823.300 MHz
Span 2.8 MHz

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

Occupied Bandwidth
Occ BW % Pwr 99.00 %

1.0919 MHz
x dB -26.00 dB

Transmit Freq Error 881.523 Hz

x dB Bandwidth 1.282 MHz

Power Stat CCDF

More

1 of 2

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**15.7. LTE Occupied Bandwidth\_Part90(NTNV)(Subtest:7, Channel:26705, 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
815.5	99	26	0.062	Peak	2.696	2.951	3	Pass

Agilent

Measure

Ch Freq 815.5 MHz
Trig Free

Occupied Bandwidth

Averages: 2

Ref 29.19 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
9.19

dB

Center 815.500 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 %
2.6958 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-361.257 Hz	
<b>x dB Bandwidth</b>	2.951 MHz	

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More

1 of 2

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**15.8. LTE Occupied Bandwidth\_Part90(NTNV)(Subtest:8, Channel:26705, 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
815.5	99	26	0.062	Peak	2.694	2.927	3	Pass

Agilent

Measure

Ch Freq 815.5 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.19 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
9.19

dB

Center 815.500 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 %
2.6936 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-652.397 Hz	
<b>x dB Bandwidth</b>	2.927 MHz	

Power Stat
CCDF

More
1 of 2

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**15.9. LTE Occupied Bandwidth\_Part90(NTNV)(Subtest:9, Channel:26740, 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
819	99	26	0.062	Peak	2.696	2.935	3	Pass

Agilent

Measure

Ch Freq 819 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.19 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
9.19

dB

Center 819.000 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 %
2.6958 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-180.103 Hz
<b>x dB Bandwidth</b>	2.935 MHz

Power Stat
CCDF

More
1 of 2

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**15.10. LTE Occupied Bandwidth\_Part90(NTNV)(Subtest:10, Channel:26740, 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
819	99	26	0.062	Peak	2.696	2.944	3	Pass

Agilent
Measure

Ch Freq 819 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.19 dBm
#Atten 30 dB

#Peak Log 10 dB/ Offst 9.19 dB
Span 6 MHz

Center 819.000 MHz
#Res BW 62 kHz
#VBW 200 kHz
#Sweep 1 s (483 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
2.6963 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-677.229 Hz
<b>x dB Bandwidth</b>	2.944 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**15.11. LTE Occupied Bandwidth\_Part90(NTNV)(Subtest:11, Channel:26775, 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
822.5	99	26	0.062	Peak	2.703	2.95	3	Pass

Agilent

Measure

Ch Freq 822.5 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.21 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.21 dB

Center 822.500 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 %
2.7033 MHz	x dB -26.00 dB
Transmit Freq Error 1.332 kHz	
x dB Bandwidth 2.950 MHz	

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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**15.12. LTE Occupied Bandwidth\_Part90(NTNV)(Subtest:12, Channel:26775, 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
822.5	99	26	0.062	Peak	2.689	2.953	3	Pass

Agilent

Measure

Ch Freq 822.5 MHz
Trig Free

Occupied Bandwidth

Averages: 2

Ref 29.21 dBm
#Atten 30 dB

#Peak

Log
10

dB/
Offst

9.21
dB

Center 822.500 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 %
2.6892 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-918.003 Hz
<b>x dB Bandwidth</b>	2.953 MHz

Power Stat

CCDF

More

1 of 2

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**15.13. LTE Occupied Bandwidth\_Part90(NTNV)(Subtest:13, Channel:26715, 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
816.5	99	26	0.1	Peak	4.502	4.969	5	Pass

Agilent

**Measure**

Ch Freq 816.5 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.19 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
9.19

dB

Center 816.500 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 %
4.5018 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>		-7.196 kHz
<b>x dB Bandwidth</b>		4.969 MHz

Power Stat
CCDF

More
1 of 2

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**15.14. LTE Occupied Bandwidth\_Part90(NTNV)(Subtest:14, Channel:26715, 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
816.5	99	26	0.1	Peak	4.496	4.891	5	Pass

Agilent
Measure

Ch Freq 816.5 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.19 dBm
#Atten 30 dB

#Peak  
Log  
10  
dB/  
Offst  
9.19  
dB

Center 816.500 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 %
4.4963 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-5.302 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

**15.15. LTE Occupied Bandwidth\_Part90(NTNV)(Subtest:15, Channel:26740, 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
819	99	26	0.1	Peak	4.496	4.947	5	Pass

Agilent
Measure

Ch Freq 819 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.19 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
9.19

dB

Center 819.000 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 %
4.4964 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>	729.327 Hz	
<b>x dB Bandwidth</b>	4.947 MHz	

Power Stat CCDF
More

1 of 2

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**15.16. LTE Occupied Bandwidth\_Part90(NTNV)(Subtest:16, Channel:26740, 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
819	99	26	0.1	Peak	4.498	4.96	5	Pass

Agilent
Measure

Ch Freq 819 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.19 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
9.19

dB

Center 819.000 MHz
Span 10 MHz

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

Occupied Bandwidth
Occ BW % Pwr 99.00 %

4.4985 MHz
x dB -26.00 dB

Transmit Freq Error
691.475 Hz

x dB Bandwidth
4.960 MHz

Power Stat
CCDF

More
1 of 2

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**15.17. LTE Occupied Bandwidth\_Part90(NTNV)(Subtest:17, Channel:26765, 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
821.5	99	26	0.1	Peak	4.483	4.922	5	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 821.5 MHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow trace. The plot parameters include 'Ref 29.2 dBm', '#Atten 30 dB', 'Log 10 dB/Offst 9.2 dB', 'Center 821.500 MHz', 'Span 10 MHz', '#Res BW 100 kHz', '#VBW 300 kHz', and '#Sweep 1 s (500 pts)'. The plot shows a signal with a peak at 4.483 MHz and a bandwidth of 4.922 MHz. The 'Occupied Bandwidth' is highlighted in green, with a value of 4.4832 MHz. The 'Occ BW % Pwr' is 99.00% and the 'x dB' is -26.00 dB. Other parameters shown include 'Transmit Freq Error 1.504 kHz' and 'x dB Bandwidth 4.922 MHz'. 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'.

**15.18. LTE Occupied Bandwidth\_Part90(NTNV)(Subtest:18, Channel:26765, 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
821.5	99	26	0.1	Peak	4.5	4.973	5	Pass

Agilent

Measure

Ch Freq 821.5 MHz
Trig Free

Occupied Bandwidth

Averages: 2

Ref 29.2 dBm
#Atten 30 dB

#Peak

Log

10

dB/

Offst

9.2

dB

Center 821.500 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 %
4.4995 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 4.137 kHz	
<b>x dB Bandwidth</b> 4.973 MHz	

Power Stat

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat

CCDF

More

1 of 2

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**15.19. LTE Occupied Bandwidth\_Part90(NTNV)(Subtest:19, Channel:26740, 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
819	99	26	0.2	Peak	8.995	9.844	10	Pass

Agilent

Measure

Ch Freq 819 MHz
Trig Free

Occupied Bandwidth

Averages: 2

Ref 29.19 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
9.19

dB

Center 819.00 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 %
8.9945 MHz	x dB	-26.00 dB
Transmit Freq Error	17.118 kHz	
x dB Bandwidth	9.844 MHz	

Power Stat
CCDF

More
1 of 2

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**15.20. LTE Occupied Bandwidth\_Part90(NTNV)(Subtest:20, Channel:26740, 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
819	99	26	0.2	Peak	8.987	9.747	10	Pass

Agilent
Measure

Ch Freq 819 MHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 29.19 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
9.19

dB

Center 819.00 MHz
Span 20 MHz

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

Occupied Bandwidth
Occ BW % Pwr 99.00 %

8.9875 MHz
x dB -26.00 dB

Transmit Freq Error
5.327 kHz

x dB Bandwidth
9.747 MHz

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Meas Off

Channel Power

Occupied BW

ACP

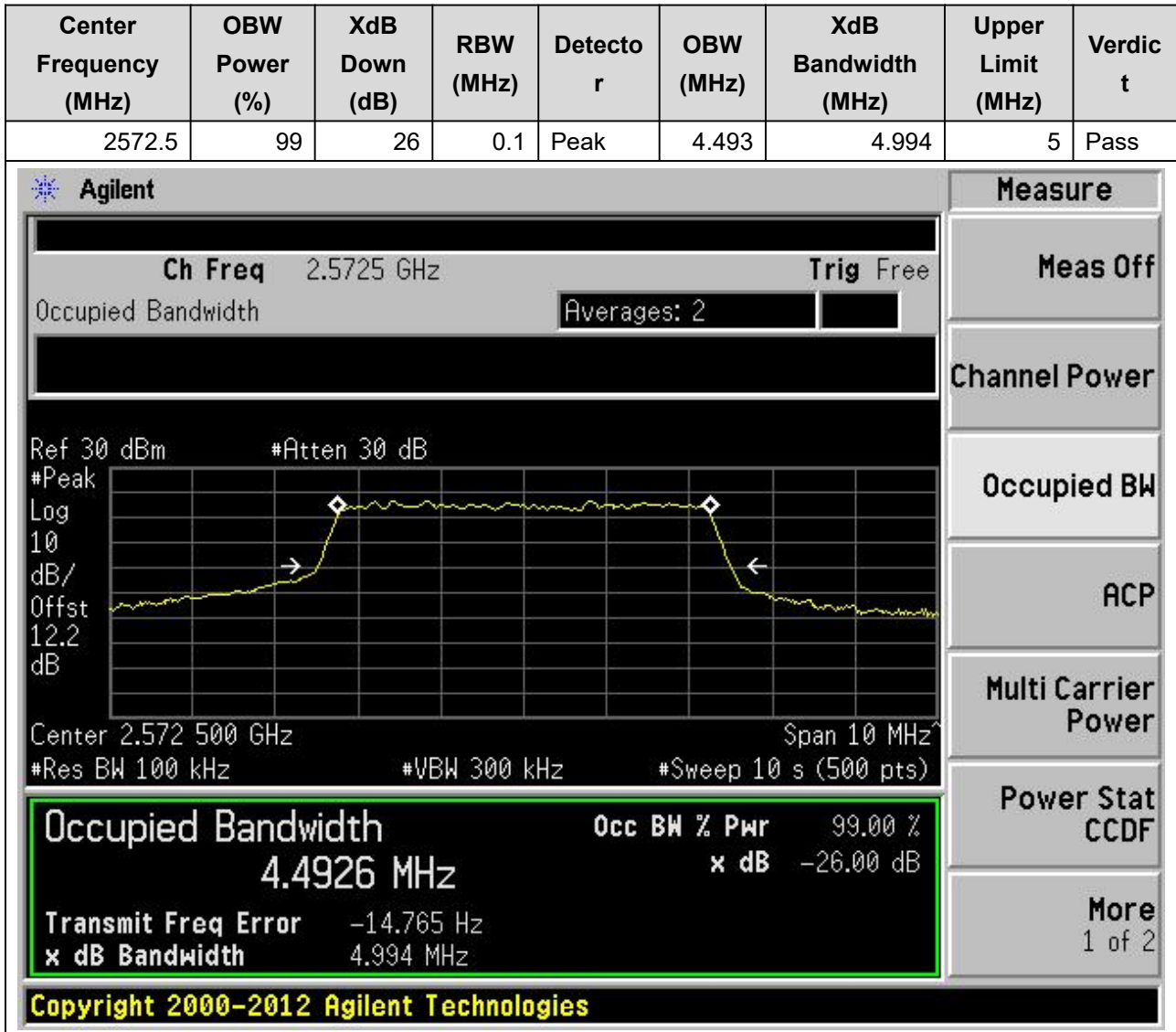
Multi Carrier Power

Power Stat CCDF

More  
1 of 2

## 16. LTE\_Band38

### 16.1. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:1, Channel:37775, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



**16.2. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:2, Channel:37775, 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
2572.5	99	26	0.1	Peak	4.497	5.016	5	Pass

Agilent
Measure

Ch Freq 2.5725 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
12.2

dB

Center 2.572 500 GHz
Span 10 MHz

#Res BW 100 kHz
#VBW 300 kHz
#Sweep 10 s (500 pts)

**Occupied Bandwidth**

**4.4975 MHz**

**Occ BW % Pwr** 99.00 %

**x dB** -26.00 dB

**Transmit Freq Error** -68.732 Hz

**x dB Bandwidth** 5.016 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**16.3. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:3, Channel:38000, 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
2595	99	26	0.1	Peak	4.496	4.908	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 2.595 GHz, and the span is 10 MHz. The occupied bandwidth is measured as 4.4964 MHz, which is 99.00% of the channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -826.330 Hz. The XdB bandwidth is 4.908 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 %
4.4964 MHz	x dB	-26.00 dB
Transmit Freq Error	-826.330 Hz	
x dB Bandwidth	4.908 MHz	

**16.4. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:4, Channel:38000, 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
2595	99	26	0.1	Peak	4.486	4.964	5	Pass

Agilent
Measure

Ch Freq 2.595 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
12

dB

Center 2.595 000 GHz
Span 10 MHz

#Res BW 100 kHz
#VBW 300 kHz
#Sweep 10 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
4.4865 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-713.842 Hz
<b>x dB Bandwidth</b>	4.964 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**16.5. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:5, Channel:38225, 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
2617.5	99	26	0.1	Peak	4.495	5.084	5	Pass

Agilent
Measure

Ch Freq 2.6175 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.617500 GHz Span 10 MHz

#Res BW 100 kHz #VBW 300 kHz #Sweep 10 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
4.4952 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 290.452 Hz	
<b>x dB Bandwidth</b> 5.084 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2



**16.6. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:6, Channel:38225, 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
2617.5	99	26	0.1	Peak	4.487	4.973	5	Pass

Agilent
Measure

Ch Freq 2.6175 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
11.9

dB

Center 2.617 500 GHz
Span 10 MHz

#Res BW 100 kHz
#VBW 300 kHz
#Sweep 10 s (500 pts)

Occupied Bandwidth
Occ BW % Pwr 99.00 %

4.4873 MHz
x dB -26.00 dB

Transmit Freq Error 76.909 Hz

x dB Bandwidth 4.973 MHz

Power Stat CCDF

More

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**16.7. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:7, Channel:37800, 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
2575	99	26	0.2	Peak	8.985	10.074	10	Pass

Agilent

**Measure**  
 Meas Off  
 Channel Power  
 Occupied BW  
 ACP  
 Multi Carrier Power  
 Power Stat CCDF  
 More  
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Ch Freq 2.575 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.575 00 GHz Span 20 MHz  
 #Res BW 200 kHz #VBW 620 kHz #Sweep 10 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
8.9849 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	20.330 kHz	
<b>x dB Bandwidth</b>	10.074 MHz	

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**16.8. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:8, Channel:37800, 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
2575	99	26	0.2	Peak	8.978	9.749	10	Pass

Agilent
Measure

Ch Freq 2.575 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
12.1

dB

Center 2.575 00 GHz
Span 20 MHz

#Res BW 200 kHz
#VBW 620 kHz
#Sweep 10 s (500 pts)

Occupied Bandwidth
Occ BW % Pwr 99.00 %

8.9779 MHz
x dB -26.00 dB

Transmit Freq Error 3.233 kHz

x dB Bandwidth 9.749 MHz

Power Stat CCDF

More
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**16.9. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:9, Channel:38000, 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
2595	99	26	0.2	Peak	8.985	10.105	10	Pass

Agilent

Measure

Ch Freq 2.595 GHz
Trig Free

Occupied Bandwidth
Averages: 2

Ref 30 dBm #Atten 30 dB

Center 2.595 00 GHz Span 20 MHz  
 #Res BW 200 kHz #VBW 620 kHz #Sweep 10 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
8.9847 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-2.248 kHz
<b>x dB Bandwidth</b>	10.105 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
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**16.10. LTE Occupied Bandwidth\_Part22-24-27(NTNV)(Subtest:10, Channel:38000, 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
2595	99	26	0.2	Peak	8.945	9.764	10	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, it shows 'Ch Freq 2.595 GHz' and 'Trig Free'. The main display area shows a spectrum plot with a yellow trace. The plot is set to 'Log' scale, 'dB/Offst' mode, with a reference level of 30 dBm and 30 dB attenuation. The center frequency is 2.595 00 GHz, the span is 20 MHz, the resolution bandwidth is 200 kHz, the video bandwidth is 620 kHz, and the sweep time is 10 s (500 pts). A green box highlights the 'Occupied Bandwidth' measurement results: 8.9451 MHz. Other parameters shown include 'Occ BW % Pwr' at 99.00% and 'x dB' at -26.00 dB. The 'Transmit Freq Error' is -10.563 kHz and the 'x dB Bandwidth' is 9.764 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'.