

2.86. Occupied Bandwidth for SA_Part22-24-27(Channel:650000, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:245, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	87.33	90.66	90	Pass

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

Ch Freq 3.75 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Occupied Bandwidth	Occ BW % Pwr 99.00 %
87.3277 MHz	x dB -26.00 dB
Transmit Freq Error -35.142 kHz	
x dB Bandwidth 90.661 MHz	

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3754.98	99	26	1	Peak	87.32	90.69	90	Pass

Agilent

Ext Ref

Ch Freq 3.75498 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.4

dB

Center 3.754 98 GHz Span 180 MHz

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

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

87.3215 MHz **x dB** -26.00 dB

Transmit Freq Error -34.640 kHz

x dB Bandwidth 90.690 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

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2.88. Occupied Bandwidth for SA_Part22-24-27(Channel:649668, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:245, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3745.02	99	26	1	Peak	87.38	90.6	90	Pass

Agilent
Measure

Ch Freq 3.74502 GHz Trig Free

Occupied Bandwidth Averages: 1

Ext Ref

Ref 30 dBm #Atten 30 dB

Occupied Bandwidth Occ BW % Pwr 99.00 %

87.3762 MHz x dB -26.00 dB

Transmit Freq Error -134.789 kHz

x dB Bandwidth 90.599 MHz

Power Stat CCDF

More 1 of 2

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2.89. Occupied Bandwidth for SA_Part22-24-27(Channel:650000, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:245, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	87.37	90.59	90	Pass

Agilent

Ext Ref

Ch Freq 3.75 GHz

Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.750 00 GHz Span 180 MHz
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (900 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
87.3707 MHz	x dB	-26.00 dB
Transmit Freq Error		-135.214 kHz
x dB Bandwidth		90.594 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

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2.90. Occupied Bandwidth for SA_Part22-24-27(Channel:650332, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:245, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3754.98	99	26	1	Peak	87.37	90.57	90	Pass

Agilent

Ext Ref

Ch Freq 3.75498 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Measure

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.4 dB

Center 3.754 98 GHz Span 180 MHz

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

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

87.3719 MHz **x dB** -26.00 dB

Transmit Freq Error -134.137 kHz

x dB Bandwidth 90.568 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

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2.91. Occupied Bandwidth for SA_Part22-24-27(Channel:649668, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:245, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3745.02	99	26	1	Peak	87.34	90.71	90	Pass

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Measure
 Meas Off
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Occupied BW
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 Multi Carrier Power
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Ch Freq 3.74502 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
 Log
 10
 dB/
 Offst
 12.4
 dB

Center 3.745 02 GHz
Span 180 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
87.3435 MHz	x dB -26.00 dB
Transmit Freq Error	-78.919 kHz
x dB Bandwidth	90.706 MHz

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2.92. Occupied Bandwidth for SA_Part22-24-27(Channel:650000, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:245, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	87.35	90.71	90	Pass

Agilent

Measure
 Meas Off
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Occupied BW
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Ch Freq 3.75 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.750 00 GHz Span 180 MHz
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (900 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
87.3531 MHz	x dB -26.00 dB
Transmit Freq Error -76.844 kHz	
x dB Bandwidth 90.715 MHz	

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2.93. Occupied Bandwidth for SA_Part22-24-27(Channel:650332, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:245, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3754.98	99	26	1	Peak	87.35	90.63	90	Pass

Agilent

Measure
 Meas Off
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Occupied BW
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Ch Freq 3.75498 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.754 98 GHz Span 180 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
87.3452 MHz	x dB -26.00 dB
Transmit Freq Error -77.937 kHz	
x dB Bandwidth 90.631 MHz	

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2.94. Occupied Bandwidth for SA_Part22-24-27(Channel:649668, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:245, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3745.02	99	26	1	Peak	87.36	90.63	90	Pass

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Measure
 Meas Off
 Channel Power
Occupied BW
 ACP
 Multi Carrier Power
 Power Stat CCDF
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Ch Freq 3.74502 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
 Log
 10
 dB/
 Offst
 12.4
 dB

Center 3.745 02 GHz
Span 180 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
87.3615 MHz	x dB -26.00 dB
Transmit Freq Error	-5.792 kHz
x dB Bandwidth	90.632 MHz

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1.1. Occupied Bandwidth for SA_Part22-24-27(Channel:650000, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:245, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	87.32	90.67	90	Pass

Agilent

Measure
 Meas Off
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Occupied BW
 ACP
 Multi Carrier Power
 Power Stat CCDF
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Ch Freq 3.75 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
→
←

10

dB/

Offst

12.4

dB

Center 3.750 00 GHz
Span 180 MHz

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

Occupied Bandwidth

87.3208 MHz

Transmit Freq Error 5.948 kHz

x dB Bandwidth 90.672 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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1.2. Occupied Bandwidth for SA_Part22-24-27(Channel:650332, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:245, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3754.98	99	26	1	Peak	87.33	90.63	90	Pass

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Ch Freq 3.75498 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log

10

dB/

Offst

12.4

dB

Center 3.754 98 GHz
Span 180 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
87.3310 MHz	x dB -26.00 dB
Transmit Freq Error 10.211 kHz	
x dB Bandwidth 90.634 MHz	

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

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	97.2	100.79	100	Pass

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Measure
 Meas Off
 Channel Power
 Occupied BW
 ACP
 Multi Carrier Power
 Power Stat CCDF
 More
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Ch Freq 3.75 GHz
Ext Ref

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.750 00 GHz Span 200 MHz
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (1000 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %				
97.1996 MHz	x dB	-26.00 dB				
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: left;">Transmit Freq Error</td> <td style="text-align: right;">-139.399 kHz</td> </tr> <tr> <td style="text-align: left;">x dB Bandwidth</td> <td style="text-align: right;">100.793 MHz</td> </tr> </table>			Transmit Freq Error	-139.399 kHz	x dB Bandwidth	100.793 MHz
Transmit Freq Error	-139.399 kHz					
x dB Bandwidth	100.793 MHz					

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2.97. Occupied Bandwidth for SA_Part22-24-27(Channel:650000, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:273, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	97.16	100.55	100	Pass

Agilent

Ext Ref

Ch Freq 3.75 GHz

Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.750 00 GHz Span 200 MHz
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (1000 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
97.1555 MHz	x dB	-26.00 dB
Transmit Freq Error	-60.301 kHz	
x dB Bandwidth	100.549 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
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2.98. Occupied Bandwidth for SA_Part22-24-27(Channel:650000, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:273, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	97.36	100.78	100	Pass

Agilent

Ext Ref

Ch Freq 3.75 GHz

Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.750 00 GHz Span 200 MHz
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (1000 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
97.3647 MHz	x dB	-26.00 dB
Transmit Freq Error	42.754 kHz	
x dB Bandwidth	100.777 MHz	

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
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2.99. Occupied Bandwidth for SA_Part22-24-27(Channel:650000, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:273, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	97.34	100.65	100	Pass

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Measure
Meas Off
Channel Power
Occupied BW
ACP
Multi Carrier Power
Power Stat CCDF
More
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Ch Freq 3.75 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

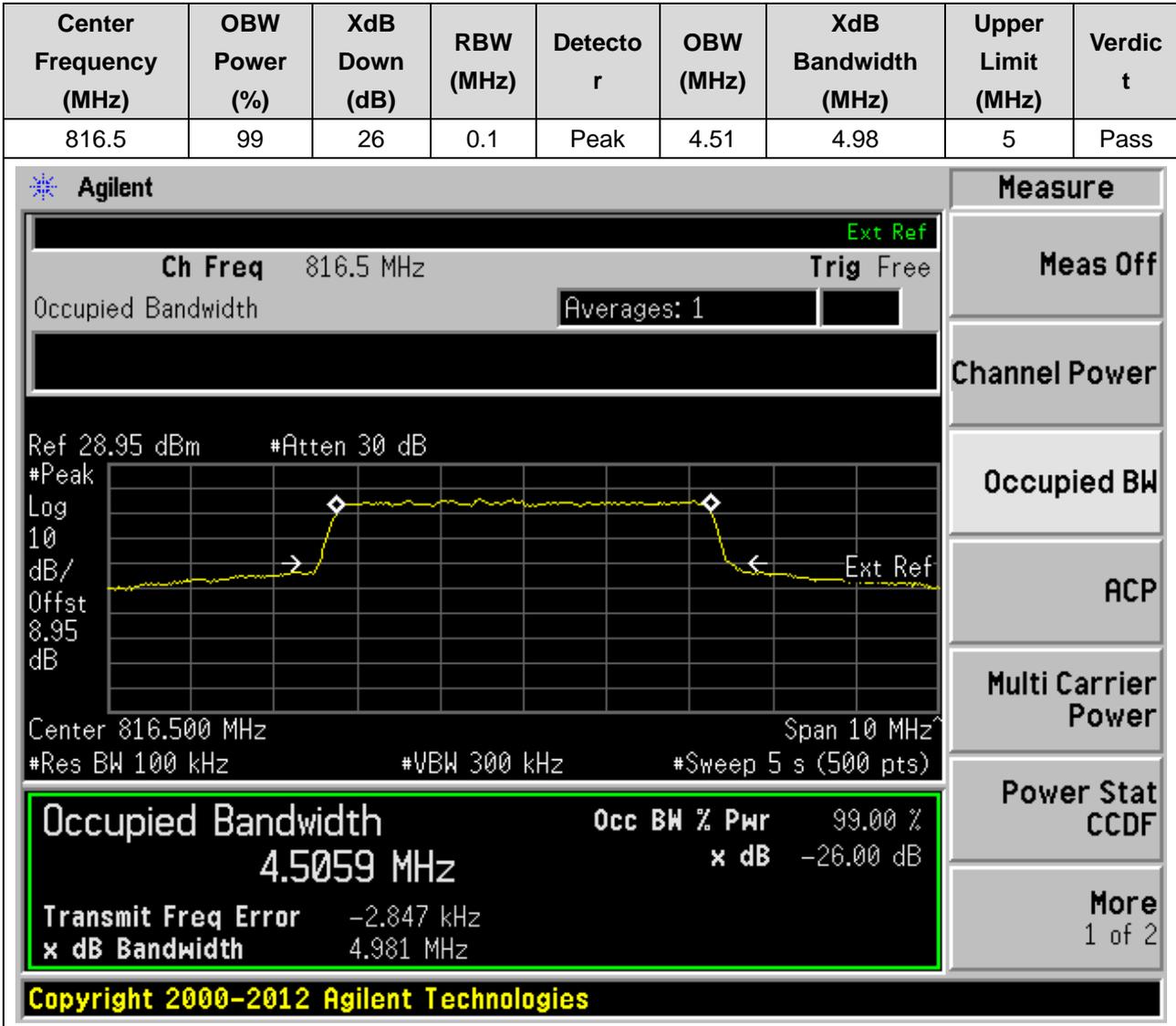
Center 3.750 00 GHz Span 200 MHz
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (1000 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
97.3395 MHz	x dB	-26.00 dB
Transmit Freq Error	-49.696 kHz	
x dB Bandwidth	100.653 MHz	

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1. n26 15kHz(814-824)

1.1. Occupied Bandwidth for SA_Part90(Channel:163300, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)



1.2. Occupied Bandwidth for SA_Part90(Channel:163800, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.1	Peak	4.49	4.97	5	Pass

Agilent

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

Ch Freq 819 MHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 28.97 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

8.97

dB

Ext Ref

Center 819.000 MHz
Span 10 MHz

#Res BW 100 kHz
#VBW 300 kHz
#Sweep 5 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4925 MHz	x dB	-26.00 dB
Transmit Freq Error	-13.550 kHz	
x dB Bandwidth	4.974 MHz	

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1.1. Occupied Bandwidth for SA_Part90(Channel:164300, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
821.5	99	26	0.1	Peak	4.49	4.94	5	Pass

Agilent

Measure

Ch Freq 821.5 MHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 28.98 dBm
#Atten 30 dB

#Peak
Log
10
dB/
Offst
8.98
dB

Center 821.500 MHz
Span 10 MHz

#Res BW 100 kHz
#VBW 300 kHz
#Sweep 5 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4891 MHz	x dB	-26.00 dB
Transmit Freq Error	-16.340 kHz	
x dB Bandwidth	4.941 MHz	

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat

CCDF

More
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1.2. Occupied Bandwidth for SA_Part90(Channel:163300, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
816.5	99	26	0.1	Peak	4.5	4.94	5	Pass

Agilent

Measure

Ch Freq 816.5 MHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 28.95 dBm
#Atten 30 dB

#Peak
 Log
 10
 dB/
 Offst
 8.95
 dB

Center 816.500 MHz
Span 10 MHz

#Res BW 100 kHz
#VBW 300 kHz
#Sweep 5 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.5035 MHz	x dB	-26.00 dB
Transmit Freq Error	-11.504 kHz	
x dB Bandwidth	4.935 MHz	

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

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1.6. Occupied Bandwidth for SA_Part90(Channel:163800, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.1	Peak	4.5	4.95	5	Pass

Agilent

Ext Ref

Ch Freq 819 MHz Trig Free

Occupied Bandwidth Averages: 1

Measure

Ref 28.97 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

8.97

dB

Center 819.000 MHz

Span 10 MHz

#Res BW 100 kHz

#VBW 300 kHz

#Sweep 5 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.5030 MHz	x dB	-26.00 dB
Transmit Freq Error	-14.254 kHz	
x dB Bandwidth	4.951 MHz	

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

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1.7. Occupied Bandwidth for SA_Part90(Channel:164300, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
821.5	99	26	0.1	Peak	4.5	4.93	5	Pass

Agilent

Measure

Ch Freq 821.5 MHz Trig Free

Occupied Bandwidth Averages: 1

Ref 28.98 dBm #Atten 30 dB

Center 821.500 MHz Span 10 MHz

#Res BW 100 kHz #VBW 300 kHz #Sweep 5 s (500 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

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Occupied Bandwidth

4.4985 MHz

Transmit Freq Error -17.825 kHz

x dB Bandwidth 4.926 MHz

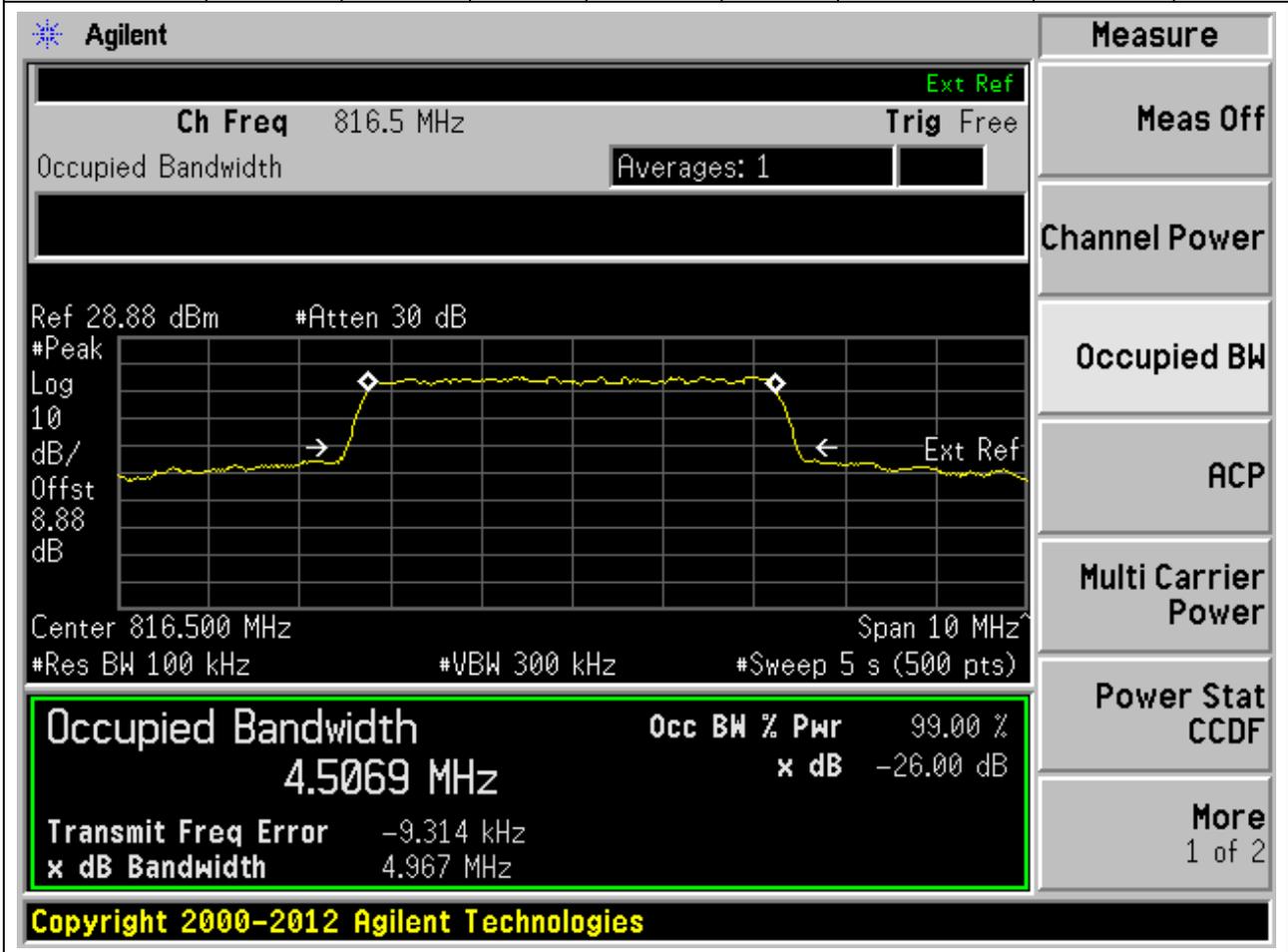
Occ BW % Pwr 99.00 %

x dB -26.00 dB

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1.3. Occupied Bandwidth for SA_Part90(Channel:163300, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
816.5	99	26	0.1	Peak	4.51	4.97	5	Pass



1.4. Occupied Bandwidth for SA_Part90(Channel:163800, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.1	Peak	4.5	4.94	5	Pass

Agilent
Measure

Ch Freq 819 MHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 28.97 dBm #Atten 30 dB
Span 10 MHz

#Res BW 100 kHz
#VBW 300 kHz
#Sweep 5 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.5042 MHz	x dB	-26.00 dB
Transmit Freq Error	-11.695 kHz	
x dB Bandwidth	4.937 MHz	

Power Stat CCDF
More 1 of 2

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1.8. Occupied Bandwidth for SA_Part90(Channel:164300, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
821.5	99	26	0.1	Peak	4.51	5.59	5	Pass

Agilent

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

Ch Freq 821.5 MHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 28.98 dBm #Atten 30 dB

Center 821.500 MHz Span 10 MHz
 #Res BW 100 kHz #VBW 300 kHz #Sweep 5 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
4.5080 MHz	x dB -26.00 dB
Transmit Freq Error -22.835 kHz	
x dB Bandwidth 5.593 MHz	

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1.9. Occupied Bandwidth for SA_Part90(Channel:163300, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
816.5	99	26	0.1	Peak	4.48	4.93	5	Pass

Agilent

Measure

Ch Freq 816.5 MHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 28.95 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
10

dB/
Offst

8.95
dB

Center 816.500 MHz
Span 10 MHz

#Res BW 100 kHz
#VBW 300 kHz
#Sweep 5 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4815 MHz	x dB	-26.00 dB
Transmit Freq Error		-13.299 kHz
x dB Bandwidth		4.934 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

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1.4. Occupied Bandwidth for SA_Part90(Channel:163800, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.1	Peak	4.49	4.95	5	Pass

Agilent

Ch Freq 819 MHz Trig Free

Occupied Bandwidth Averages: 1

Ref 28.97 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 8.97 dB

Center 819.000 MHz Span 10 MHz

#Res BW 100 kHz #VBW 300 kHz #Sweep 5 s (500 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %

4.4912 MHz x dB -26.00 dB

Transmit Freq Error -13.005 kHz

x dB Bandwidth 4.951 MHz

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1.5. Occupied Bandwidth for SA_Part90(Channel:164300, Bandwidth:5, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
821.5	99	26	0.1	Peak	4.47	4.89	5	Pass

Agilent

Measure

Ch Freq 821.5 MHz Trig Free

Occupied Bandwidth Averages: 1

Ref 28.98 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 8.98 dB

Center 821.500 MHz Span 10 MHz

#Res BW 100 kHz #VBW 300 kHz #Sweep 5 s (500 pts)

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth

4.4689 MHz

Transmit Freq Error -17.356 kHz

x dB Bandwidth 4.885 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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1.6. Occupied Bandwidth for SA_Part90(Channel:163800, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:QPSK, RB Number:52, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.03	Peak	9.25	9.62	10	Pass

Agilent

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

Ch Freq 819 MHz
Ext Ref Trig Free

Occupied Bandwidth Averages: 1

Ref 28.97 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 8.97 dB

Center 819.000 MHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr 99.00 %
9.2472 MHz	x dB -26.00 dB
Transmit Freq Error -16.804 kHz	
x dB Bandwidth 9.617 MHz	

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1.7. Occupied Bandwidth for SA_Part90(Channel:163800, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:16QAM, RB Number:52, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.03	Peak	9.26	9.63	10	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 819.000 MHz and the span is 20 MHz. The occupied bandwidth is measured as 9.2595 MHz. The power level is 99.00% and the XdB down is -26.00 dB. The transmit frequency error is -12.640 kHz and the XdB bandwidth is 9.626 MHz. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	x dB
9.2595 MHz	99.00 %	-26.00 dB

Transmit Freq Error: -12.640 kHz
 x dB Bandwidth: 9.626 MHz

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1.8. Occupied Bandwidth for SA_Part90(Channel:163800, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:64QAM, RB Number:52, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.03	Peak	9.25	9.55	10	Pass

Agilent

Measure

Ch Freq 819 MHz Trig Free

Occupied Bandwidth Averages: 1

Ref 28.97 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 8.97 dB

Center 819.000 MHz Span 20 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth

9.2539 MHz

Transmit Freq Error -5.177 kHz

x dB Bandwidth 9.554 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

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1.9. Occupied Bandwidth for SA_Part90(Channel:163800, Bandwidth:10, SCS:15, OFDM:CP-OFDM, Modulation:256QAM, RB Number:52, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819	99	26	0.03	Peak	9.24	9.6	10	Pass

Agilent

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

Ch Freq 819 MHz
Ext Ref Trig Free

Occupied Bandwidth
Averages: 1

Ref 28.97 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 8.97 dB

Center 819.000 MHz Span 20 MHz

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

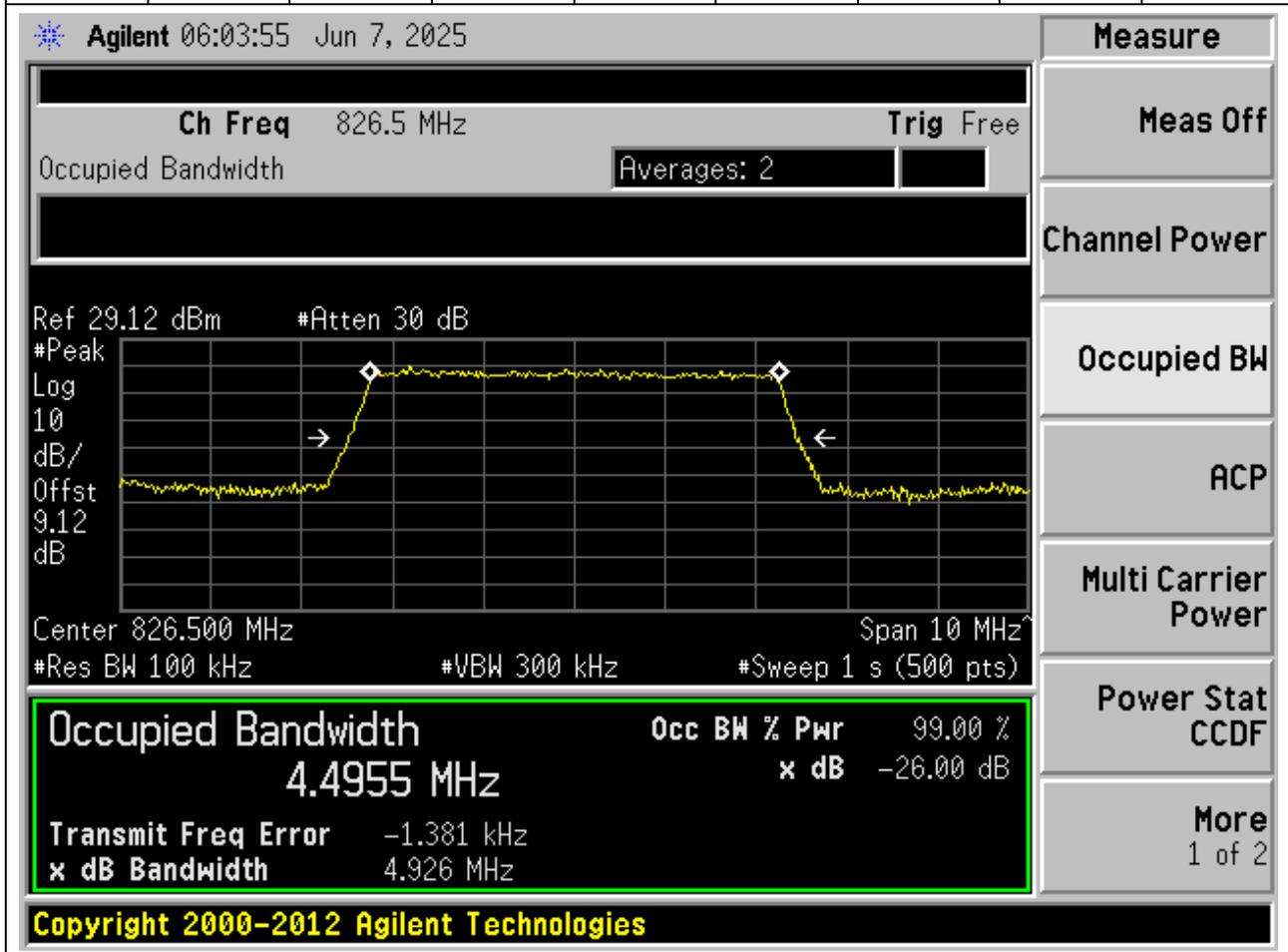
Occupied Bandwidth	Occ BW % Pwr 99.00 %
9.2373 MHz	x dB -26.00 dB
Transmit Freq Error	-22.456 kHz
x dB Bandwidth	9.595 MHz

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9. LTE_Band18(part22)

9.1. LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23965, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
826.5	99	26	0.1	Peak	4.5	4.93	5	Pass



9.2. LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23965, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
826.5	99	26	0.1	Peak	4.49	4.92	5	Pass

Agilent 06:04:02 Jun 7, 2025

Ch Freq 826.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.12 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.12 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 %
4.4935 MHz	x dB	-26.00 dB
Transmit Freq Error	-5.080 kHz	
x dB Bandwidth	4.924 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

9.3. LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23965, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
826.5	99	26	0.1	Peak	4.49	4.95	5	Pass

Agilent 06:04:11 Jun 7, 2025

Ch Freq 826.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.12 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.12 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 %
4.4865 MHz	x dB	-26.00 dB
Transmit Freq Error	-8.745 kHz	
x dB Bandwidth	4.945 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

9.4. LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23965, Bandwidth:5, Modulation:256QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
826.5	99	26	0.1	Peak	4.48	4.9	5	Pass

Agilent 06:04:19 Jun 7, 2025

Ch Freq 826.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.12 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.12 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 %
4.4788 MHz	x dB	-26.00 dB
Transmit Freq Error	-7.418 kHz	
x dB Bandwidth	4.896 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(added 64QAM&256QAM)(NTNV)(Channel:23970, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
827	99	26	0.1	Peak	4.49	4.97	5	Pass

Agilent 06:04:29 Jun 7, 2025

Ch Freq 827 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.12 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.12 dB

Center 827.000 MHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4922 MHz	x dB	-26.00 dB
Transmit Freq Error	-3.924 kHz	
x dB Bandwidth	4.973 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

9.6. LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23970, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
827	99	26	0.1	Peak	4.49	4.95	5	Pass

Agilent 06:04:37 Jun 7, 2025

Ch Freq 827 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.12 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.12 dB

Center 827.000 MHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4860 MHz	x dB	-26.00 dB
Transmit Freq Error	-4.336 kHz	
x dB Bandwidth	4.946 MHz	

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Measure

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(added 64QAM&256QAM)(NTNV)(Channel:23970, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
827	99	26	0.1	Peak	4.48	4.97	5	Pass

Agilent 06:04:45 Jun 7, 2025

Ch Freq 827 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.12 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.12 dB

Center 827.000 MHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4836 MHz	x dB	-26.00 dB
Transmit Freq Error	-4.018 kHz	
x dB Bandwidth	4.968 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
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9.8. LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23970, Bandwidth:5, Modulation:256QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
827	99	26	0.1	Peak	4.48	4.9	5	Pass

Agilent 06:04:53 Jun 7, 2025

Ch Freq 827 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.12 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.12 dB

Center 827.000 MHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4766 MHz	x dB	-26.00 dB
Transmit Freq Error	-4.046 kHz	
x dB Bandwidth	4.899 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

9.9. LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23975, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
827.5	99	26	0.1	Peak	4.49	4.96	5	Pass

Agilent 06:05:02 Jun 7, 2025

Ch Freq 827.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.12 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.12 dB

Center 827.500 MHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4868 MHz	x dB	-26.00 dB
Transmit Freq Error	-4.456 kHz	
x dB Bandwidth	4.964 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

9.10. LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23975, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
827.5	99	26	0.1	Peak	4.48	4.95	5	Pass

Agilent 06:05:10 Jun 7, 2025

Ch Freq 827.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.12 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.12 dB

Center 827.500 MHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4817 MHz	x dB	-26.00 dB
Transmit Freq Error	-3.796 kHz	
x dB Bandwidth	4.946 MHz	

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Measure

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(added 64QAM&256QAM)(NTNV)(Channel:23975, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
827.5	99	26	0.1	Peak	4.49	4.96	5	Pass

Agilent 06:05:18 Jun 7, 2025

Ch Freq 827.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.12 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.12 dB

Center 827.500 MHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4866 MHz	x dB	-26.00 dB
Transmit Freq Error	-6.722 kHz	
x dB Bandwidth	4.958 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

9.12. LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:23975, Bandwidth:5, Modulation:256QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
827.5	99	26	0.1	Peak	4.48	4.9	5	Pass

Agilent 06:05:26 Jun 7, 2025

Ch Freq 827.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.12 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.12 dB

Center 827.500 MHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4795 MHz	x dB	-26.00 dB
Transmit Freq Error	-3.228 kHz	
x dB Bandwidth	4.901 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

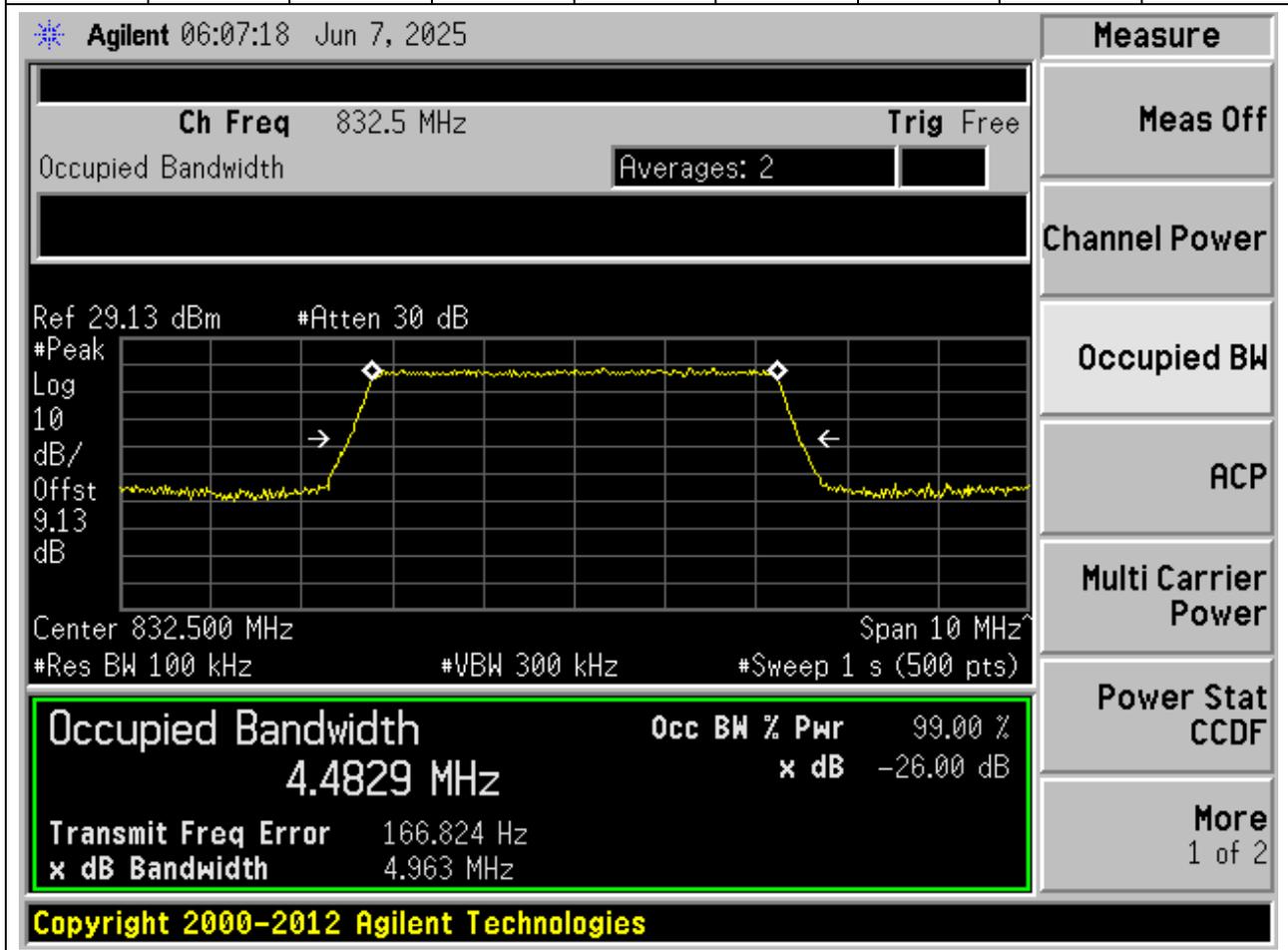
Power Stat CCDF

More
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10. LTE_Band19

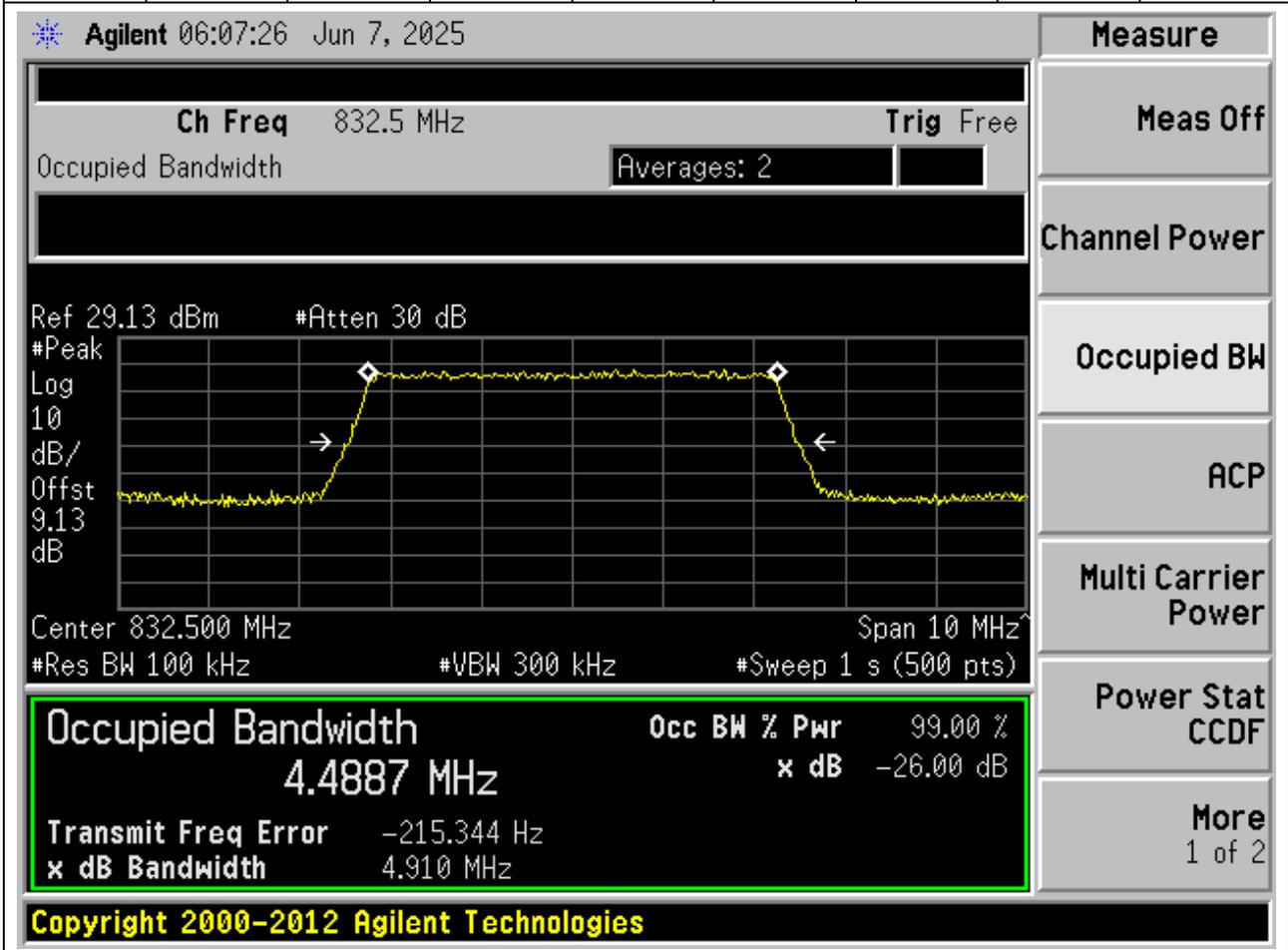
10.1. LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:24025, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
832.5	99	26	0.1	Peak	4.48	4.96	5	Pass



10.2. LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:24025, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
832.5	99	26	0.1	Peak	4.49	4.91	5	Pass



10.3. LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:24025, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
832.5	99	26	0.1	Peak	4.48	4.95	5	Pass

Agilent 06:07:35 Jun 7, 2025

Ch Freq 832.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.13 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.13 dB

Center 832.500 MHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4823 MHz	x dB	-26.00 dB
Transmit Freq Error	1.852 kHz	
x dB Bandwidth	4.946 MHz	

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Measure

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(added 64QAM&256QAM)(NTNV)(Channel:24025, Bandwidth:5, Modulation:256QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
832.5	99	26	0.1	Peak	4.48	4.9	5	Pass

Agilent 06:07:43 Jun 7, 2025

Ch Freq 832.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.13 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.13 dB

Center 832.500 MHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4781 MHz	x dB	-26.00 dB
Transmit Freq Error	893.743 Hz	
x dB Bandwidth	4.896 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

10.5. LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:24075, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
837.5	99	26	0.1	Peak	4.49	4.96	5	Pass

Agilent 06:42:22 Jun 7, 2025

Ch Freq 837.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.13 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.13 dB

Center 837.500 MHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4857 MHz	x dB	-26.00 dB
Transmit Freq Error	2.749 kHz	
x dB Bandwidth	4.963 MHz	

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Measure

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(added 64QAM&256QAM)(NTNV)(Channel:24075, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
837.5	99	26	0.1	Peak	4.48	4.91	5	Pass

Agilent 06:42:30 Jun 7, 2025

Ch Freq 837.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.13 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 9.13 dB

Center 837.500 MHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4808 MHz	x dB	-26.00 dB
Transmit Freq Error	1.006 kHz	
x dB Bandwidth	4.914 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

10.7. LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:24075, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
837.5	99	26	0.1	Peak	4.49	4.93	5	Pass

Agilent 06:42:39 Jun 7, 2025

Ch Freq 837.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.13 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.13 dB

Center 837.500 MHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4854 MHz	x dB	-26.00 dB
Transmit Freq Error	-4.627 kHz	
x dB Bandwidth	4.925 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

10.8. LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:24075, Bandwidth:5, Modulation:256QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
837.5	99	26	0.1	Peak	4.47	4.89	5	Pass

Agilent 06:42:48 Jun 7, 2025

Ch Freq 837.5 MHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.13 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.13 dB

Center 837.500 MHz Span 10 MHz
#Res BW 100 kHz #VBW 300 kHz #Sweep 1 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4731 MHz	x dB	-26.00 dB
Transmit Freq Error	-174.878 Hz	
x dB Bandwidth	4.893 MHz	

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Occupied BW

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Multi Carrier Power

Power Stat CCDF

More
1 of 2

10.9. LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:24125, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
842.5	99	26	0.1	Peak	4.49	4.98	5	Pass

Agilent 06:42:57 Jun 7, 2025

Ch Freq 842.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.15 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.15 dB

Center 842.500 MHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4903 MHz	x dB	-26.00 dB
Transmit Freq Error	-3.404 kHz	
x dB Bandwidth	4.979 MHz	

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Measure

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(added 64QAM&256QAM)(NTNV)(Channel:24125, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
842.5	99	26	0.1	Peak	4.49	4.92	5	Pass

Agilent 06:43:05 Jun 7, 2025

Ch Freq 842.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.15 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.15 dB

Center 842.500 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	-3.384 kHz	
x dB Bandwidth	4.924 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

10.11. LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:24125, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
842.5	99	26	0.1	Peak	4.49	4.93	5	Pass

Agilent 06:43:12 Jun 7, 2025

Ch Freq 842.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.15 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.15 dB

Center 842.500 MHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4887 MHz	x dB	-26.00 dB
Transmit Freq Error	-5.452 kHz	
x dB Bandwidth	4.933 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

10.12. LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:24125, Bandwidth:5, Modulation:256QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
842.5	99	26	0.1	Peak	4.48	4.9	5	Pass

Agilent 06:43:21 Jun 7, 2025

Ch Freq 842.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.15 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.15 dB

Center 842.500 MHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4792 MHz	x dB	-26.00 dB
Transmit Freq Error	-5.193 kHz	
x dB Bandwidth	4.897 MHz	

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Occupied BW

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More
1 of 2

10.13. LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:24050, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
835	99	26	0.2	Peak	8.97	9.79	10	Pass

Agilent 06:43:34 Jun 7, 2025

Ch Freq 835 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.13 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.13 dB

Center 835.00 MHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9721 MHz	x dB	-26.00 dB
Transmit Freq Error	11.156 kHz	
x dB Bandwidth	9.787 MHz	

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Channel Power

Occupied BW

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More
1 of 2

10.14. LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:24050, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
835	99	26	0.2	Peak	8.94	9.72	10	Pass

Agilent 06:43:42 Jun 7, 2025

Ch Freq 835 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.13 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.13 dB

Center 835.00 MHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9409 MHz	x dB	-26.00 dB
Transmit Freq Error	7.732 kHz	
x dB Bandwidth	9.722 MHz	

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Meas Off

Channel Power

Occupied BW

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Multi Carrier Power

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More
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10.15. LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:24050, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
835	99	26	0.2	Peak	8.95	9.83	10	Pass

Agilent 06:43:49 Jun 7, 2025

Ch Freq 835 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.13 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.13 dB

Center 835.00 MHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9497 MHz	x dB	-26.00 dB
Transmit Freq Error	7.793 kHz	
x dB Bandwidth	9.834 MHz	

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Meas Off

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Occupied BW

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Multi Carrier Power

Power Stat CCDF

More
1 of 2

10.16. LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:24050, Bandwidth:10, Modulation:256QAM, RB Number:50, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
835	99	26	0.2	Peak	8.95	9.73	10	Pass

Agilent 06:43:58 Jun 7, 2025

Ch Freq 835 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.13 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.13 dB

Center 835.00 MHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9524 MHz	x dB	-26.00 dB
Transmit Freq Error	7.141 kHz	
x dB Bandwidth	9.727 MHz	

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Occupied BW

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Power Stat CCDF

More
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10.17. LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:24075, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
837.5	99	26	0.2	Peak	8.96	9.81	10	Pass

Agilent 06:44:11 Jun 7, 2025

Ch Freq 837.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.13 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.13 dB

Center 837.50 MHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9635 MHz	x dB	-26.00 dB
Transmit Freq Error	10.801 kHz	
x dB Bandwidth	9.813 MHz	

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Meas Off

Channel Power

Occupied BW

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Multi Carrier Power

Power Stat CCDF

More
1 of 2

10.18. LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:24075, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
837.5	99	26	0.2	Peak	8.93	9.72	10	Pass

Agilent 06:44:19 Jun 7, 2025

Ch Freq 837.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.13 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.13 dB

Center 837.50 MHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9332 MHz	x dB	-26.00 dB
Transmit Freq Error	3.264 kHz	
x dB Bandwidth	9.723 MHz	

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Measure

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(added 64QAM&256QAM)(NTNV)(Channel:24075, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
837.5	99	26	0.2	Peak	8.95	9.82	10	Pass

Agilent 06:44:27 Jun 7, 2025

Ch Freq 837.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.13 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.13 dB

Center 837.50 MHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9465 MHz	x dB	-26.00 dB
Transmit Freq Error	3.958 kHz	
x dB Bandwidth	9.819 MHz	

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Channel Power

Occupied BW

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Multi Carrier Power

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More
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10.20. LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:24075, Bandwidth:10, Modulation:256QAM, RB Number:50, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
837.5	99	26	0.2	Peak	8.93	9.71	10	Pass

Agilent 06:44:36 Jun 7, 2025

Ch Freq 837.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.13 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.13 dB

Center 837.50 MHz Span 20 MHz
#Res BW 200 kHz #VBW 620 kHz #Sweep 1 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9321 MHz	x dB	-26.00 dB
Transmit Freq Error	1.653 kHz	
x dB Bandwidth	9.711 MHz	

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Measure

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Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
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10.21. LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:24100, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
840	99	26	0.2	Peak	8.98	9.8	10	Pass

Agilent 06:44:45 Jun 7, 2025

Ch Freq 840 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.12 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 9.12 dB

Center 840.00 MHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9782 MHz	x dB	-26.00 dB
Transmit Freq Error	4.795 kHz	
x dB Bandwidth	9.796 MHz	

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- Channel Power
- Occupied BW
- ACP
- Multi Carrier Power
- Power Stat CCDF
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10.22. LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:24100, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
840	99	26	0.2	Peak	8.93	9.76	10	Pass

Agilent 06:44:52 Jun 7, 2025

Ch Freq 840 MHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 29.12 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.12 dB

Center 840.00 MHz Span 20 MHz
#Res BW 200 kHz #VBW 620 kHz #Sweep 1 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
8.9344 MHz	x dB -26.00 dB
Transmit Freq Error 974.522 Hz	
x dB Bandwidth 9.755 MHz	

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Measure

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(added 64QAM&256QAM)(NTNV)(Channel:24100, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
840	99	26	0.2	Peak	8.96	9.84	10	Pass

Agilent 06:45:00 Jun 7, 2025

Ch Freq 840 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.12 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.12 dB

Center 840.00 MHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9557 MHz	x dB	-26.00 dB
Transmit Freq Error	3.295 kHz	
x dB Bandwidth	9.839 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
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10.24. LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:24100, Bandwidth:10, Modulation:256QAM, RB Number:50, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
840	99	26	0.2	Peak	8.96	9.74	10	Pass

Agilent 06:45:09 Jun 7, 2025

Ch Freq 840 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.12 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.12 dB

Center 840.00 MHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9597 MHz	x dB	-26.00 dB
Transmit Freq Error	-7.757 kHz	
x dB Bandwidth	9.745 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

10.25. LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:24075, Bandwidth:15, Modulation:QPSK, RB Number:75, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
837.5	99	26	0.3	Peak	13.43	14.7	15	Pass

Agilent 06:45:33 Jun 7, 2025

Ch Freq 837.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.13 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.13 dB

Center 837.50 MHz Span 30 MHz
#Res BW 300 kHz #VBW 620 kHz #Sweep 1 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4314 MHz	x dB	-26.00 dB
Transmit Freq Error	28.828 kHz	
x dB Bandwidth	14.702 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

10.26. LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:24075, Bandwidth:15, Modulation:16QAM, RB Number:75, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
837.5	99	26	0.3	Peak	13.42	14.63	15	Pass

Agilent 06:45:41 Jun 7, 2025

Ch Freq 837.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.13 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.13 dB

Center 837.50 MHz Span 30 MHz

#Res BW 300 kHz #VBW 620 kHz #Sweep 1 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4179 MHz	x dB	-26.00 dB
Transmit Freq Error	6.717 kHz	
x dB Bandwidth	14.630 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

10.27. LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:24075, Bandwidth:15, Modulation:64QAM, RB Number:75, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
837.5	99	26	0.3	Peak	13.41	14.74	15	Pass

Agilent 06:45:49 Jun 7, 2025

Ch Freq 837.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.13 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.13 dB

Center 837.50 MHz Span 30 MHz

#Res BW 300 kHz #VBW 620 kHz #Sweep 1 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4073 MHz	x dB	-26.00 dB
Transmit Freq Error	9.213 kHz	
x dB Bandwidth	14.743 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

10.28. LTE Occupied Bandwidth_Part22-24-27(added 64QAM&256QAM)(NTNV)(Channel:24075, Bandwidth:15, Modulation:256QAM, RB Number:75, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
837.5	99	26	0.3	Peak	13.4	14.53	15	Pass

Agilent 06:45:58 Jun 7, 2025

Ch Freq 837.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.13 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.13 dB

Center 837.50 MHz Span 30 MHz

#Res BW 300 kHz #VBW 620 kHz #Sweep 1 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4001 MHz	x dB	-26.00 dB
Transmit Freq Error	-2.149 kHz	
x dB Bandwidth	14.527 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

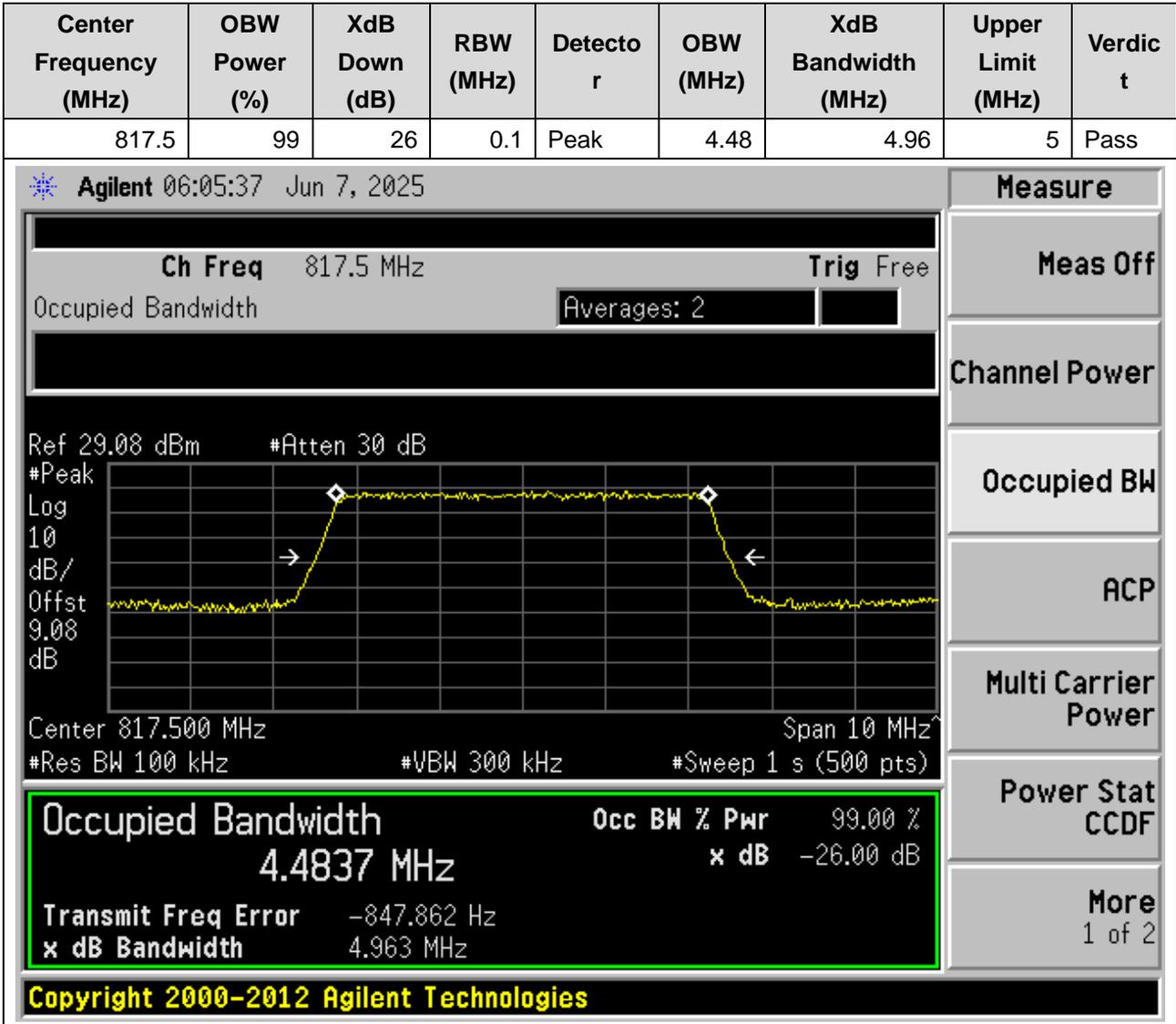
Multi Carrier Power

Power Stat CCDF

More
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1. LTE_Band18(part90)

1.1. LTE Occupied Bandwidth_Part90(added 64QAM&256QAM)(NTNV)(Channel:23875, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)



1.2. LTE Occupied Bandwidth_Part90(added 64QAM&256QAM)(NTNV)(Channel:23875, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
817.5	99	26	0.1	Peak	4.48	4.92	5	Pass

Agilent 06:05:45 Jun 7, 2025

Ch Freq 817.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.08 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.08 dB

Center 817.500 MHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4825 MHz	x dB	-26.00 dB
Transmit Freq Error	1.822 kHz	
x dB Bandwidth	4.915 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

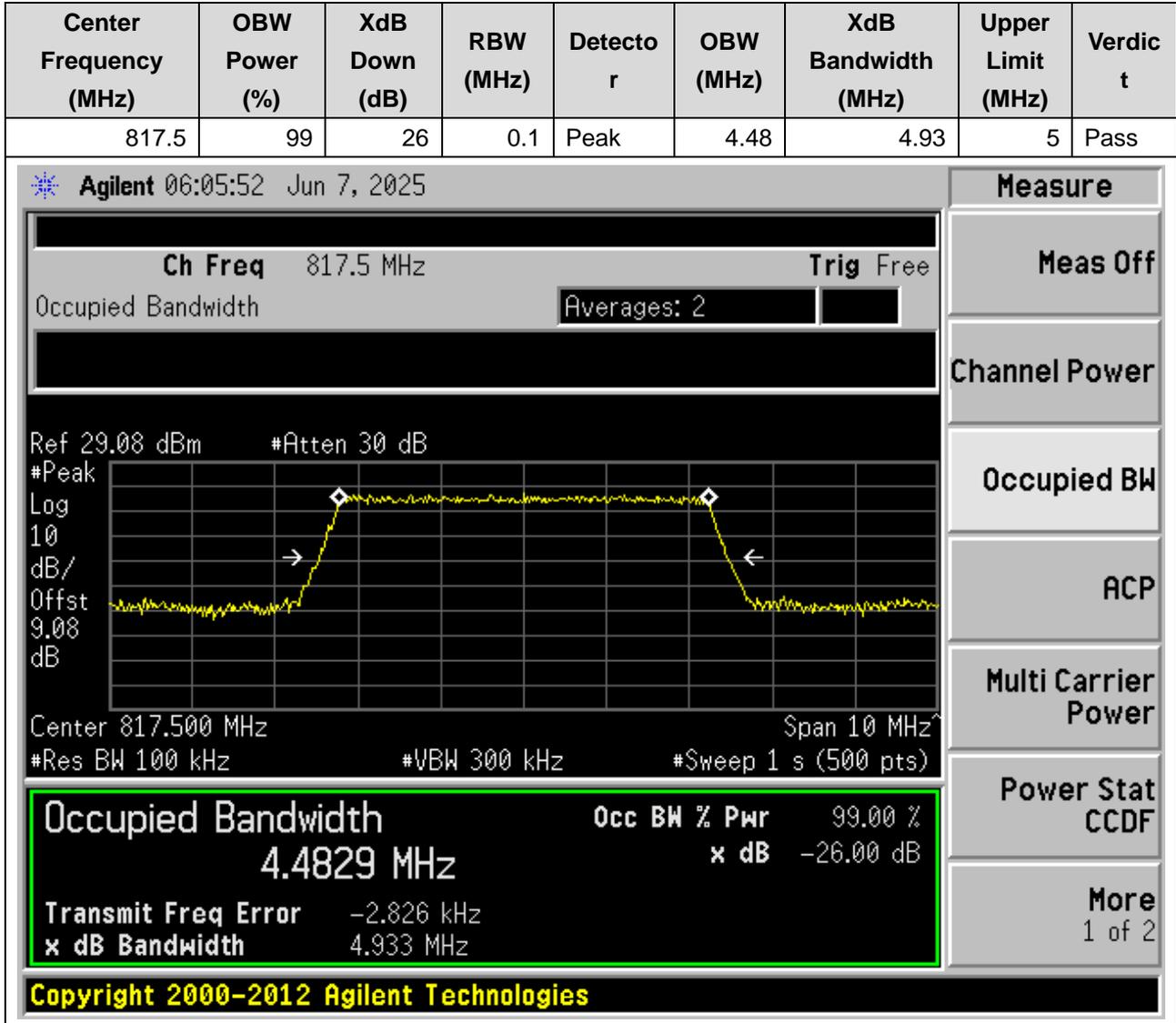
ACP

Multi Carrier Power

Power Stat CCDF

More
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1.3. LTE Occupied Bandwidth_Part90(added 64QAM&256QAM)(NTNV)(Channel:23875, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)



1.4. LTE Occupied Bandwidth_Part90(added 64QAM&256QAM)(NTNV)(Channel:23875, Bandwidth:5, Modulation:256QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
817.5	99	26	0.1	Peak	4.47	4.89	5	Pass

Agilent 06:06:01 Jun 7, 2025

Ch Freq 817.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.08 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.08 dB

Center 817.500 MHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4723 MHz	x dB	-26.00 dB
Transmit Freq Error	-806.056 Hz	
x dB Bandwidth	4.893 MHz	

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1.5. LTE Occupied Bandwidth_Part90(added 64QAM&256QAM)(NTNV)(Channel:23895, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819.5	99	26	0.1	Peak	4.48	4.96	5	Pass

Agilent 06:06:10 Jun 7, 2025

Ch Freq 819.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.08 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.08 dB

Center 819.500 MHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4822 MHz	x dB	-26.00 dB
Transmit Freq Error	-6.198 kHz	
x dB Bandwidth	4.965 MHz	

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1.6. LTE Occupied Bandwidth_Part90(added 64QAM&256QAM)(NTNV)(Channel:23895, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819.5	99	26	0.1	Peak	4.48	4.91	5	Pass

Agilent 06:06:18 Jun 7, 2025

Ch Freq 819.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.08 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.08 dB

Center 819.500 MHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4807 MHz	x dB	-26.00 dB
Transmit Freq Error	-3.831 kHz	
x dB Bandwidth	4.912 MHz	

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1.7. LTE Occupied Bandwidth_Part90(added 64QAM&256QAM)(NTNV)(Channel:23895, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819.5	99	26	0.1	Peak	4.48	4.94	5	Pass

Agilent 06:06:26 Jun 7, 2025

Ch Freq 819.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.08 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.08 dB

Center 819.500 MHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4786 MHz	x dB	-26.00 dB
Transmit Freq Error	-5.379 kHz	
x dB Bandwidth	4.940 MHz	

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1.8. LTE Occupied Bandwidth_Part90(added 64QAM&256QAM)(NTNV)(Channel:23895, Bandwidth:5, Modulation:256QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
819.5	99	26	0.1	Peak	4.47	4.89	5	Pass

Agilent 06:06:34 Jun 7, 2025

Ch Freq 819.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.08 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.08 dB

Center 819.500 MHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4748 MHz	x dB	-26.00 dB
Transmit Freq Error	-5.439 kHz	
x dB Bandwidth	4.893 MHz	

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Measure

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1.9. LTE Occupied Bandwidth_Part90(added 64QAM&256QAM)(NTNV)(Channel:23915, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
821.5	99	26	0.1	Peak	4.48	4.97	5	Pass

Agilent 06:06:43 Jun 7, 2025

Ch Freq 821.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.09 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.09 dB

Center 821.500 MHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4820 MHz	x dB	-26.00 dB
Transmit Freq Error	-8.422 kHz	
x dB Bandwidth	4.968 MHz	

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Meas Off

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1.10. LTE Occupied Bandwidth_Part90(added 64QAM&256QAM)(NTNV)(Channel:23915, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
821.5	99	26	0.1	Peak	4.48	4.97	5	Pass

Agilent 06:06:51 Jun 7, 2025

Ch Freq 821.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.09 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.09 dB

Center 821.500 MHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4823 MHz	x dB	-26.00 dB
Transmit Freq Error	-7.694 kHz	
x dB Bandwidth	4.968 MHz	

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Occupied BW

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1.11. LTE Occupied Bandwidth_Part90(added 64QAM&256QAM)(NTNV)(Channel:23915, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
821.5	99	26	0.1	Peak	4.48	4.94	5	Pass

Agilent 06:06:59 Jun 7, 2025

Ch Freq 821.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.09 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.09 dB

Center 821.500 MHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4831 MHz	x dB	-26.00 dB
Transmit Freq Error	-10.171 kHz	
x dB Bandwidth	4.942 MHz	

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1.12. LTE Occupied Bandwidth_Part90(added 64QAM&256QAM)(NTNV)(Channel:23915, Bandwidth:5, Modulation:256QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
821.5	99	26	0.1	Peak	4.47	4.89	5	Pass

Agilent 06:07:07 Jun 7, 2025

Ch Freq 821.5 MHz Trig Free

Occupied Bandwidth Averages: 2

Ref 29.09 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 9.09 dB

Center 821.500 MHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4732 MHz	x dB	-26.00 dB
Transmit Freq Error	-8.190 kHz	
x dB Bandwidth	4.891 MHz	

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