

**1.69. Occupied Bandwidth for SA\_Part22-24-27(Channel:634000, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3510	99	26	1	Peak	77.47	80.55	80	Pass

Agilent

Ext Ref

**Ch Freq** 3.51 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.2

dB

Center 3.510 00 GHz Span 160 MHz

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

**Meas Off**

---

Channel Power

---

Occupied BW

---

ACP

---

Multi Carrier Power

---

Power Stat CCDF

---

More  
1 of 2

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
77.4746 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 7.503 kHz	
<b>x dB Bandwidth</b> 80.547 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.70. Occupied Bandwidth for SA\_Part22-24-27(Channel:632668, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3490.02	99	26	1	Peak	77.36	80.57	80	Pass

Agilent

Ext Ref

**Ch Freq** 3.49002 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.3 dB

Center 3.490 02 GHz Span 160 MHz

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

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

77.3639 MHz **x dB** -26.00 dB

**Transmit Freq Error** -35.175 kHz

**x dB Bandwidth** 80.568 MHz

**Meas Off**

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

Copyright 2000-2012 Agilent Technologies

**1.71. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	77.37	80.6	80	Pass

Agilent

Ext Ref

**Ch Freq** 3.49998 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.3

dB

Ext Ref

Center 3.499 98 GHz Span 160 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
77.3666 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-46.993 kHz
<b>x dB Bandwidth</b>	80.603 MHz

**Copyright 2000-2012 Agilent Technologies**

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**1.72. Occupied Bandwidth for SA\_Part22-24-27(Channel:634000, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3510	99	26	1	Peak	77.34	80.52	80	Pass

Agilent

Ext Ref

**Ch Freq** 3.51 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.2

dB

**Meas Off**

Center 3.510 00 GHz Span 160 MHz

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

**Channel Power**

**Occupied Bandwidth**

77.3426 MHz

Transmit Freq Error -40.308 kHz

x dB Bandwidth 80.524 MHz

**Occupied BW**

**Occ BW % Pwr**

99.00 %

x dB -26.00 dB

**ACP**

**Multi Carrier Power**

**Power Stat**

**Power Stat**

CCDF

**More**

**Copyright 2000-2012 Agilent Technologies**

1 of 2

**1.73. Occupied Bandwidth for SA\_Part22-24-27(Channel:633000, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:245, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3495	99	26	1	Peak	87.31	90.66	90	Pass

Agilent

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

Ch Freq 3.495 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.495 00 GHz Span 180 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (900 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
87.3117 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -49.744 kHz	
<b>x dB Bandwidth</b> 90.663 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.74. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:245, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	87.32	90.7	90	Pass

Agilent

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

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.499 98 GHz Span 180 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (900 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
87.3175 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-53.862 kHz	
<b>x dB Bandwidth</b>	90.696 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.75. Occupied Bandwidth for SA\_Part22-24-27(Channel:633666, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:245, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3504.99	99	26	1	Peak	87.32	90.7	90	Pass

Agilent

Measure

Ch Freq 3.50499 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.2 dB

Center 3.504 99 GHz Span 180 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**Occupied Bandwidth**

**87.3226 MHz**

Transmit Freq Error -48.896 kHz

x dB Bandwidth 90.699 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Copyright 2000-2012 Agilent Technologies

**1.76. Occupied Bandwidth for SA\_Part22-24-27(Channel:633000, 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
3495	99	26	1	Peak	87.35	90.62	90	Pass

Agilent

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

Ch Freq 3.495 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
87.3467 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -145.566 kHz	
<b>x dB Bandwidth</b> 90.624 MHz	

Copyright 2000-2012 Agilent Technologies

**1.77. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, 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
3499.98	99	26	1	Peak	87.36	90.61	90	Pass

Agilent

Ext Ref

**Ch Freq** 3.49998 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.3 dB

Center 3.499 98 GHz Span 180 MHz

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

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

87.3646 MHz x dB -26.00 dB

Transmit Freq Error -157.131 kHz

x dB Bandwidth 90.609 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Copyright 2000-2012 Agilent Technologies

**1.78. Occupied Bandwidth for SA\_Part22-24-27(Channel:633666, 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
3504.99	99	26	1	Peak	87.36	90.54	90	Pass

Agilent
Measure

Ch Freq 3.50499 GHz Trig Free

Occupied Bandwidth Averages: 1

Ext Ref

Ref 30 dBm #Atten 30 dB

Center 3.504 99 GHz Span 180 MHz

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

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

**87.3602 MHz** x dB -26.00 dB

Transmit Freq Error -144.933 kHz

x dB Bandwidth 90.541 MHz

More  
1 of 2

Copyright 2000-2012 Agilent Technologies

**1.79. Occupied Bandwidth for SA\_Part22-24-27(Channel:633000, 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
3495	99	26	1	Peak	87.33	90.71	90	Pass

Agilent

Ext Ref

**Ch Freq** 3.495 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.3

dB

Center 3.495 00 GHz Span 180 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
87.3340 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-88.914 kHz	
<b>x dB Bandwidth</b>	90.714 MHz	

**Copyright 2000-2012 Agilent Technologies**

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More

1 of 2

**1.80. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, 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
3499.98	99	26	1	Peak	87.35	90.68	90	Pass

Agilent

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

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak  
 Log  
 10  
 dB/  
 Offst  
 12.3  
 dB

Center 3.499 98 GHz
Span 180 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
87.3490 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-97.900 kHz
<b>x dB Bandwidth</b>	90.678 MHz

Copyright 2000-2012 Agilent Technologies

**1.81. Occupied Bandwidth for SA\_Part22-24-27(Channel:633666, 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
3504.99	99	26	1	Peak	87.33	90.66	90	Pass

Agilent

Ext Ref

**Ch Freq** 3.50499 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.2

dB

Center 3.504 99 GHz Span 180 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
87.3320 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-87.460 kHz	
<b>x dB Bandwidth</b>	90.661 MHz	

**Copyright 2000-2012 Agilent Technologies**

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More

1 of 2

**1.82. Occupied Bandwidth for SA\_Part22-24-27(Channel:633000, 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
3495	99	26	1	Peak	87.3	90.6	90	Pass

Agilent

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

Ch Freq 3.495 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.495 00 GHz Span 180 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (900 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
87.3044 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -7.786 kHz	
<b>x dB Bandwidth</b> 90.596 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.83. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, 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
3499.98	99	26	1	Peak	87.32	90.6	90	Pass

Agilent

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

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.499 98 GHz Span 180 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (900 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
87.3175 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -22.480 kHz	
<b>x dB Bandwidth</b> 90.599 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.84. Occupied Bandwidth for SA\_Part22-24-27(Channel:633666, 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
3504.99	99	26	1	Peak	87.32	90.64	90	Pass

Agilent

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

Ch Freq 3.50499 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.504 99 GHz Span 180 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
87.3186 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -3.115 kHz	
<b>x dB Bandwidth</b> 90.643 MHz	

**Copyright 2000-2012 Agilent Technologies**



**6.49. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:273, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	97.17	100.81	100	Pass

Agilent

Ext Ref

**Ch Freq** 3.49998 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.3

dB

Center 3.499 98 GHz Span 200 MHz

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

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

**97.1680 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -165.460 kHz

**x dB Bandwidth** 100.811 MHz

**Copyright 2000-2012 Agilent Technologies**

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**6.50. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, 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
3499.98	99	26	1	Peak	97.16	100.59	100	Pass

Agilent

Ext Ref

**Ch Freq** 3.49998 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.3

dB

Center 3.499 98 GHz Span 200 MHz

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

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

**97.1563 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -95.815 kHz

**x dB Bandwidth** 100.586 MHz

**Copyright 2000-2012 Agilent Technologies**

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**6.51. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, 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
3499.98	99	26	1	Peak	97.36	100.75	100	Pass

Agilent

Ext Ref

**Ch Freq** 3.49998 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.3

dB

Center 3.499 98 GHz Span 200 MHz

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

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

**97.3575 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 9.220 kHz

**x dB Bandwidth** 100.753 MHz

**Copyright 2000-2012 Agilent Technologies**

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**6.52. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, 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
3499.98	99	26	1	Peak	97.29	100.65	100	Pass

Agilent
Measure

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.499 98 GHz Span 200 MHz

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

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

**97.2854 MHz** x dB -26.00 dB

Transmit Freq Error -99.044 kHz

x dB Bandwidth 100.647 MHz

Copyright 2000-2012 Agilent Technologies

Meas Off

Channel Power

Occupied BW

ACP

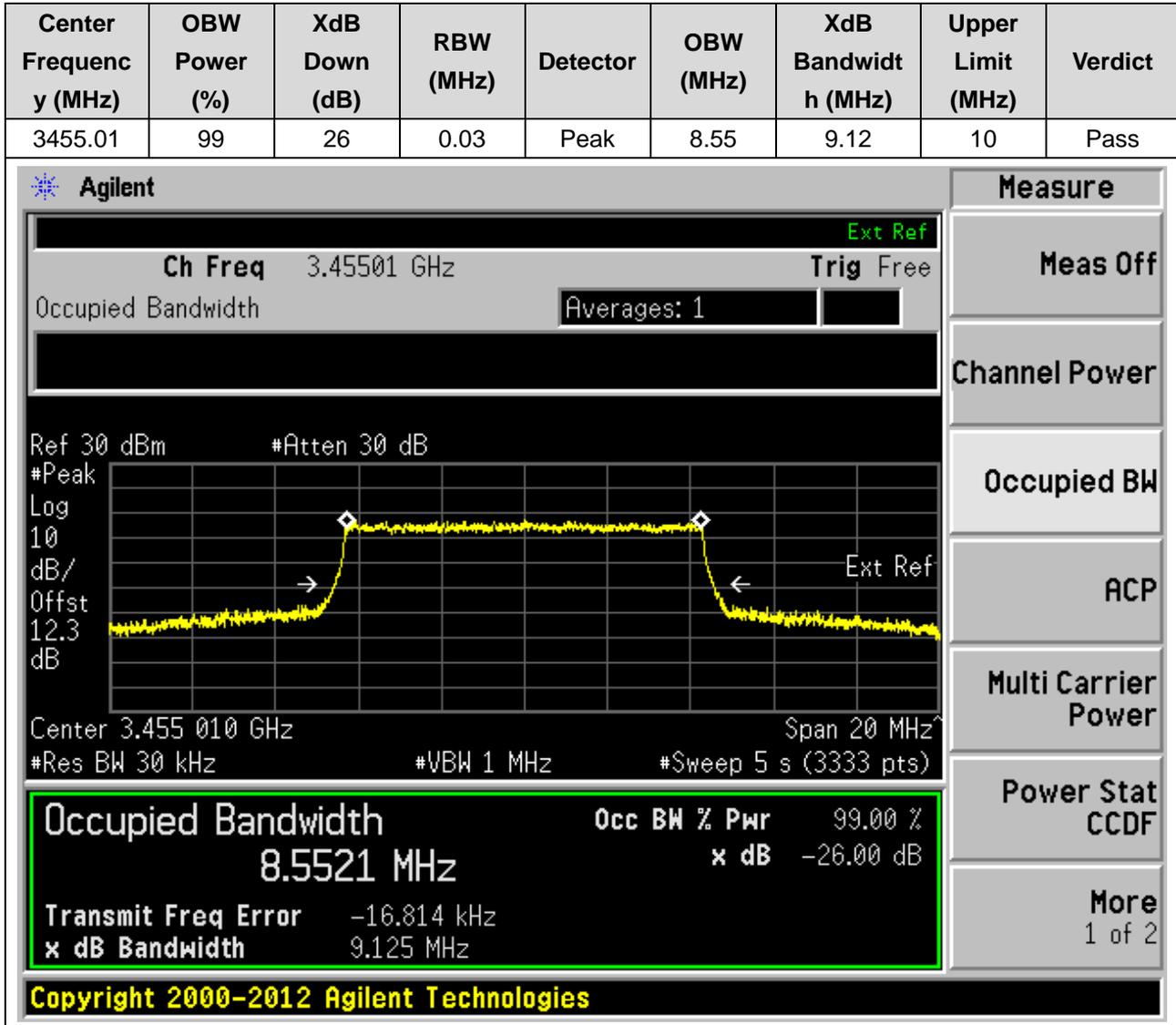
Multi Carrier Power

Power Stat CCDF

More 1 of 2

## 7. n78(3450-3550)

7.1. Occupied Bandwidth for SA\_Part22-24-27(Channel:630334, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:24, RB Position:0)



7.1. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	0.03	Peak	8.55	9.05	10	Pass

Agilent

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

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.499 980 GHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
8.5516 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-20.206 kHz
<b>x dB Bandwidth</b>	9.048 MHz

**Copyright 2000-2012 Agilent Technologies**

**7.2. Occupied Bandwidth for SA\_Part22-24-27(Channel:636332, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:24, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3544.98	99	26	0.03	Peak	8.55	9.09	10	Pass

Agilent

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

Ch Freq 3.54498 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
8.5496 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -20.630 kHz	
<b>x dB Bandwidth</b> 9.095 MHz	

**Copyright 2000-2012 Agilent Technologies**

7.3. Occupied Bandwidth for SA\_Part22-24-27(Channel:630334, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3455.01	99	26	0.03	Peak	8.56	9.05	10	Pass

Agilent

Ext Ref

**Ch Freq** 3.45501 GHz

**Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.3 dB

Center 3.455 010 GHz Span 20 MHz  
#Res BW 30 kHz #VBW 1 MHz #Sweep 5 s (3333 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
8.5598 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>	-17.662 kHz	
x dB Bandwidth	9.052 MHz	

Copyright 2000-2012 Agilent Technologies

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

7.4. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	0.03	Peak	8.56	9.04	10	Pass

Agilent
Measure

Ch Freq 3.49998 GHz Trig Free

Occupied Bandwidth Averages: 1

Ext Ref

Ref 30 dBm #Atten 30 dB

Center 3.499 980 GHz Span 20 MHz

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

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

**8.5572 MHz** x dB -26.00 dB

Transmit Freq Error -22.203 kHz

x dB Bandwidth 9.043 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Copyright 2000-2012 Agilent Technologies

7.5. Occupied Bandwidth for SA\_Part22-24-27(Channel:636332, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3544.98	99	26	0.03	Peak	8.56	9.05	10	Pass

Agilent

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

Ch Freq 3.54498 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
8.5587 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -17.949 kHz	
<b>x dB Bandwidth</b> 9.051 MHz	

Copyright 2000-2012 Agilent Technologies

**7.6. Occupied Bandwidth for SA\_Part22-24-27(Channel:630334, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:24, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3455.01	99	26	0.03	Peak	8.57	9.13	10	Pass

Agilent

Ext Ref

**Ch Freq** 3.45501 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.3 dB

Center 3.455 010 GHz Span 20 MHz

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

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

**8.5684 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -14.368 kHz

**x dB Bandwidth** 9.126 MHz

**Copyright 2000-2012 Agilent Technologies**

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

7.7. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	0.03	Peak	8.56	9.04	10	Pass

Agilent
Measure

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.499 980 GHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
8.5567 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>		
<b>x dB Bandwidth</b>		

**Copyright 2000-2012 Agilent Technologies**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

7.8. Occupied Bandwidth for SA\_Part22-24-27(Channel:636332, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3544.98	99	26	0.03	Peak	8.56	9.08	10	Pass

Agilent
Measure

Ch Freq 3.54498 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.544 980 GHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
8.5620 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>	-18.827 kHz	
<b>x dB Bandwidth</b>	9.082 MHz	

Copyright 2000-2012 Agilent Technologies

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**7.9. Occupied Bandwidth for SA\_Part22-24-27(Channel:630334, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:24, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3455.01	99	26	0.03	Peak	8.56	9.09	10	Pass

Agilent

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

Ch Freq 3.45501 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.455 010 GHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-15.272 kHz	
<b>x dB Bandwidth</b>	9.091 MHz	

**Copyright 2000-2012 Agilent Technologies**

**7.10. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:24, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	0.03	Peak	8.56	9.04	10	Pass

Agilent

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

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.499 980 GHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
8.5594 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-17.624 kHz
<b>x dB Bandwidth</b>	9.037 MHz

**Copyright 2000-2012 Agilent Technologies**

**7.11. Occupied Bandwidth for SA\_Part22-24-27(Channel:636332, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:24, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3544.98	99	26	0.03	Peak	8.57	9.09	10	Pass

Agilent

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

Ch Freq 3.54498 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.544 980 GHz Span 20 MHz

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

**Occupied Bandwidth** Occ BW % Pwr 99.00 %  
**8.5656 MHz** x dB -26.00 dB

Transmit Freq Error -18.359 kHz  
 x dB Bandwidth 9.086 MHz

**Copyright 2000-2012 Agilent Technologies**

**2.2. Occupied Bandwidth for SA\_Part22-24-27(Channel:630500, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3457.5	99	26	0.03	Peak	13.55	14.16	15	Pass

Agilent

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

Ch Freq 3.4575 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.3 dB

Center 3.457 500 GHz Span 30 MHz

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

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

**13.5455 MHz** x dB -26.00 dB

Transmit Freq Error -18.821 kHz

x dB Bandwidth 14.158 MHz

Copyright 2000-2012 Agilent Technologies

**2.3. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	0.03	Peak	13.55	14.17	15	Pass

Agilent

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

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.499 980 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
13.5457 MHz	x dB -26.00 dB
Transmit Freq Error -20.497 kHz	
x dB Bandwidth 14.172 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.4. Occupied Bandwidth for SA\_Part22-24-27(Channel:636166, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3542.49	99	26	0.03	Peak	13.54	14.18	15	Pass

Agilent

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

Ch Freq 3.54249 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.542 490 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
13.5372 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -18.682 kHz	
<b>x dB Bandwidth</b> 14.177 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.5. Occupied Bandwidth for SA\_Part22-24-27(Channel:630500, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3457.5	99	26	0.03	Peak	13.56	14.2	15	Pass

Agilent

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

Ch Freq 3.4575 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
13.5591 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-17.153 kHz
<b>x dB Bandwidth</b>	14.202 MHz

Copyright 2000–2012 Agilent Technologies

**2.6. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	0.03	Peak	13.57	14.25	15	Pass

Agilent
Measure

Ch Freq 3.49998 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.3

dB

Center 3.499 980 GHz Span 30 MHz

#Res BW 30 kHz #VBW 1 MHz

#Sweep 5 s (5000 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
13.5718 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-16.682 kHz	
<b>x dB Bandwidth</b>	14.248 MHz	

**Copyright 2000-2012 Agilent Technologies**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**2.7. Occupied Bandwidth for SA\_Part22-24-27(Channel:636166, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3542.49	99	26	0.03	Peak	13.56	14.12	15	Pass

Agilent

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

Ch Freq 3.54249 GHz Trig Free

Occupied Bandwidth Averages: 1

---

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.2 dB

Center 3.542 490 GHz Span 30 MHz

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

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

**13.5644 MHz** x dB -26.00 dB

Transmit Freq Error -18.212 kHz

x dB Bandwidth 14.115 MHz

Ext Ref

**Copyright 2000-2012 Agilent Technologies**

**2.8. Occupied Bandwidth for SA\_Part22-24-27(Channel:630500, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3457.5	99	26	0.03	Peak	13.56	14.12	15	Pass

Agilent
Measure

Ch Freq 3.4575 GHz Trig Free

Occupied Bandwidth Averages: 1

Ext Ref

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

Ref 30 dBm #Atten 30 dB

Center 3.457 500 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>13.5566 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-23.602 kHz	
<b>x dB Bandwidth</b>	14.124 MHz	

Copyright 2000-2012 Agilent Technologies

**2.9. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	0.03	Peak	13.57	14.22	15	Pass

Agilent

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

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.499 980 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
13.5704 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -15.997 kHz	
<b>x dB Bandwidth</b> 14.218 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.10. Occupied Bandwidth for SA\_Part22-24-27(Channel:636166, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3542.49	99	26	0.03	Peak	13.55	14.15	15	Pass

Agilent

Ext Ref

**Ch Freq** 3.54249 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.2 dB

Ext Ref

Center 3.542 490 GHz Span 30 MHz

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

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

**13.5534 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -24.633 kHz

**x dB Bandwidth** 14.147 MHz

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**Copyright 2000-2012 Agilent Technologies**

**2.11. Occupied Bandwidth for SA\_Part22-24-27(Channel:630500, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3457.5	99	26	0.03	Peak	13.57	14.14	15	Pass

Agilent

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

Ch Freq 3.4575 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.457 500 GHz Span 30 MHz

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

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

**13.5670 MHz** x dB -26.00 dB

Transmit Freq Error -19.472 kHz

x dB Bandwidth 14.140 MHz

Copyright 2000-2012 Agilent Technologies

**2.12. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	0.03	Peak	13.56	14.18	15	Pass

Agilent

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

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.499 980 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
13.5613 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-22.393 kHz
<b>x dB Bandwidth</b>	14.175 MHz

**Copyright 2000-2012 Agilent Technologies**

**2.13. Occupied Bandwidth for SA\_Part22-24-27(Channel:636166, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3542.49	99	26	0.03	Peak	13.56	14.13	15	Pass

Agilent

Measure

Ch Freq 3.54249 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log

10

dB/

Offst

12.2

dB

Center 3.542 490 GHz
Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
13.5587 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>		-22.685 kHz
<b>x dB Bandwidth</b>		14.135 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**Copyright 2000-2012 Agilent Technologies**

**7.12. Occupied Bandwidth for SA\_Part22-24-27(Channel:630668, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3460.02	99	26	0.03	Peak	18.17	18.75	20	Pass

Agilent

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

Ch Freq 3.46002 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.460 020 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
18.1675 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -14.337 kHz	
<b>x dB Bandwidth</b> 18.747 MHz	

**Copyright 2000-2012 Agilent Technologies**

**7.13. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	0.03	Peak	18.18	18.91	20	Pass

Agilent

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

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.499 980 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
18.1797 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -16.975 kHz	
<b>x dB Bandwidth</b> 18.907 MHz	

**Copyright 2000-2012 Agilent Technologies**

**7.14. Occupied Bandwidth for SA\_Part22-24-27(Channel:636000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3540	99	26	0.03	Peak	18.17	18.86	20	Pass

Agilent

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

Ch Freq 3.54 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.540 000 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
18.1714 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -16.736 kHz	
<b>x dB Bandwidth</b> 18.862 MHz	

**Copyright 2000-2012 Agilent Technologies**

**7.15. Occupied Bandwidth for SA\_Part22-24-27(Channel:630668, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3460.02	99	26	0.03	Peak	18.18	18.77	20	Pass

Agilent

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

Ch Freq 3.46002 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.460 020 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
18.1839 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -13.172 kHz	
<b>x dB Bandwidth</b> 18.769 MHz	

**Copyright 2000-2012 Agilent Technologies**

**7.16. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	0.03	Peak	18.17	18.81	20	Pass

Agilent

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

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.499 980 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
18.1717 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -19.658 kHz	
<b>x dB Bandwidth</b> 18.813 MHz	

**Copyright 2000-2012 Agilent Technologies**

**7.17. Occupied Bandwidth for SA\_Part22-24-27(Channel:636000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3540	99	26	0.03	Peak	18.19	18.81	20	Pass

Agilent

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

Ch Freq 3.54 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.540 000 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
18.1898 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -17.497 kHz	
<b>x dB Bandwidth</b> 18.808 MHz	

**Copyright 2000-2012 Agilent Technologies**

**7.18. Occupied Bandwidth for SA\_Part22-24-27(Channel:630668, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3460.02	99	26	0.03	Peak	18.17	18.75	20	Pass

Agilent

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

Ch Freq 3.46002 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log

10

dB/

Offst

12.3

dB

Center 3.460 020 GHz
Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
18.1654 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -11.643 kHz	
<b>x dB Bandwidth</b> 18.750 MHz	

Copyright 2000-2012 Agilent Technologies

**7.19. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	0.03	Peak	18.15	18.73	20	Pass

Agilent

Measure

**Ch Freq** 3.49998 GHz

**Trig** Free

**Occupied Bandwidth**

Averages: 1

Ref 30 dBm  
 #Peak  
 Log  
 10  
 dB/  
 Offst  
 12.3  
 dB

#Atten 30 dB

Center 3.499 980 GHz
Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
18.1516 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>	-15.862 kHz	
<b>x dB Bandwidth</b>	18.734 MHz	

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

**More**  
 1 of 2

**Copyright 2000-2012 Agilent Technologies**

**7.20. Occupied Bandwidth for SA\_Part22-24-27(Channel:636000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3540	99	26	0.03	Peak	18.15	18.76	20	Pass

Agilent

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

Ch Freq 3.54 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.540 000 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
18.1534 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -15.031 kHz	
<b>x dB Bandwidth</b> 18.755 MHz	

**Copyright 2000-2012 Agilent Technologies**

**7.21. Occupied Bandwidth for SA\_Part22-24-27(Channel:630668, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3460.02	99	26	0.03	Peak	18.15	18.74	20	Pass

Agilent

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

Ch Freq 3.46002 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.460 020 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
18.1516 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -16.071 kHz	
<b>x dB Bandwidth</b> 18.743 MHz	

**Copyright 2000-2012 Agilent Technologies**

**7.22. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	0.03	Peak	18.16	18.81	20	Pass

Agilent

Measure

**Ch Freq** 3.49998 GHz

**Trig** Free

**Occupied Bandwidth**

Averages: 1

Ref 30 dBm  
 #Peak  
 Log  
 10  
 dB/  
 Offst  
 12.3  
 dB

#Atten 30 dB

Center 3.499 980 GHz
Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
18.1583 MHz	x dB	-26.00 dB
Transmit Freq Error	-8.584 kHz	
x dB Bandwidth	18.811 MHz	

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

**More**  
 1 of 2

**Copyright 2000-2012 Agilent Technologies**

**7.23. Occupied Bandwidth for SA\_Part22-24-27(Channel:636000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3540	99	26	0.03	Peak	18.16	18.72	20	Pass

Agilent

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

Ch Freq 3.54 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.540 000 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
18.1579 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -13.886 kHz	
<b>x dB Bandwidth</b> 18.717 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.14. Occupied Bandwidth for SA\_Part22-24-27(Channel:630834, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:65, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3462.51	99	26	1	Peak	23.58	25.67	25	Pass

Agilent

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

Ch Freq 3.46251 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.462 510 GHz Span 50 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
23.5830 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -21.226 kHz	
<b>x dB Bandwidth</b> 25.669 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.15. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:65, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	23.58	25.65	25	Pass

Agilent

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

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.499 980 GHz Span 50 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
23.5828 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -31.140 kHz	
<b>x dB Bandwidth</b> 25.648 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.16. Occupied Bandwidth for SA\_Part22-24-27(Channel:635832, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:65, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3537.48	99	26	1	Peak	23.59	25.66	25	Pass

Agilent

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

Ch Freq 3.53748 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.537 480 GHz Span 50 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
23.5910 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -27.300 kHz	
<b>x dB Bandwidth</b> 25.663 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.17. Occupied Bandwidth for SA\_Part22-24-27(Channel:630834, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:65, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3462.51	99	26	1	Peak	23.69	25.76	25	Pass

Agilent

Ext Ref

**Ch Freq** 3.46251 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.3

dB

Center 3.462 510 GHz Span 50 MHz

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

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

23.6900 MHz **x dB** -26.00 dB

**Transmit Freq Error** -9.743 kHz

**x dB Bandwidth** 25.759 MHz

**Channel Power**

**Occupied BW**

**ACP**

**Multi Carrier Power**

**Power Stat CCDF**

**More**  
1 of 2

**Copyright 2000-2012 Agilent Technologies**

Document No:BL-SZ2560099

Page 1682 of 2128

**2.18. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:65, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	23.7	25.79	25	Pass

Agilent

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

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.499 980 GHz Span 50 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
23.6979 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -27.197 kHz	
<b>x dB Bandwidth</b> 25.795 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.19. Occupied Bandwidth for SA\_Part22-24-27(Channel:635832, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:65, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3537.48	99	26	1	Peak	23.7	25.79	25	Pass

Agilent

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

Ch Freq 3.53748 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.537 480 GHz Span 50 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
23.7049 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-21.300 kHz
<b>x dB Bandwidth</b>	25.788 MHz

**Copyright 2000-2012 Agilent Technologies**

**2.20. Occupied Bandwidth for SA\_Part22-24-27(Channel:630834, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:65, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3462.51	99	26	1	Peak	23.72	25.73	25	Pass

Agilent

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

Ch Freq 3.46251 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.462 510 GHz Span 50 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
23.7219 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-85.977 kHz
<b>x dB Bandwidth</b>	25.725 MHz

**Copyright 2000-2012 Agilent Technologies**

**2.21. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:65, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	23.73	25.73	25	Pass

Agilent

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

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.499 980 GHz Span 50 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
23.7258 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-95.566 kHz
<b>x dB Bandwidth</b>	25.735 MHz

**Copyright 2000-2012 Agilent Technologies**

**2.22. Occupied Bandwidth for SA\_Part22-24-27(Channel:635832, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:65, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3537.48	99	26	1	Peak	23.74	25.75	25	Pass

Agilent

Measure

Ext Ref

**Ch Freq** 3.53748 GHz Trig Free

Occupied Bandwidth Averages: 1

---

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.2

dB

Center 3.537 480 GHz Span 50 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**Occupied Bandwidth**

23.7367 MHz

Transmit Freq Error -92.272 kHz

x dB Bandwidth 25.749 MHz

**Occ BW % Pwr** 99.00 %

**x dB** -26.00 dB

Copyright 2000-2012 Agilent Technologies

**2.23. Occupied Bandwidth for SA\_Part22-24-27(Channel:630834, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:65, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3462.51	99	26	1	Peak	23.57	25.71	25	Pass

Agilent

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

Ch Freq 3.46251 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
23.5667 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -33.194 kHz	
<b>x dB Bandwidth</b> 25.708 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.24. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:65, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	23.57	25.68	25	Pass

Agilent

Ext Ref

**Ch Freq** 3.49998 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.3

dB

Center 3.499 980 GHz Span 50 MHz

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

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

23.5725 MHz **x dB** -26.00 dB

**Transmit Freq Error** -46.589 kHz

**x dB Bandwidth** 25.679 MHz

**Meas Off**

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**Copyright 2000-2012 Agilent Technologies**

Document No:BL-SZ2560099

Page 1689 of 2128

**2.25. Occupied Bandwidth for SA\_Part22-24-27(Channel:635832, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:65, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3537.48	99	26	1	Peak	23.57	25.67	25	Pass

Agilent

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

Ch Freq 3.53748 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.537 480 GHz Span 50 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>		-42.394 kHz
<b>x dB Bandwidth</b>		25.672 MHz

**Copyright 2000-2012 Agilent Technologies**

**2.26. Occupied Bandwidth for SA\_Part22-24-27(Channel:631000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3465	99	26	1	Peak	28.1	30.55	30	Pass

Agilent

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

Ch Freq 3.465 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.465 00 GHz Span 60 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
28.1019 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 15.316 kHz	
<b>x dB Bandwidth</b> 30.547 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.27. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	28.12	30.5	30	Pass

Agilent

Measure

Ch Freq 3.49998 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.499 98 GHz Span 60 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**Occupied Bandwidth**

28.1206 MHz

Transmit Freq Error -4.559 kHz

x dB Bandwidth 30.496 MHz

**Occ BW % Pwr** 99.00 %

**x dB** -26.00 dB

Copyright 2000-2012 Agilent Technologies

**2.28. Occupied Bandwidth for SA\_Part22-24-27(Channel:635666, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3534.99	99	26	1	Peak	28.11	30.48	30	Pass

Agilent

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

Ch Freq 3.53499 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.534 99 GHz Span 60 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
28.1124 MHz	x dB	-26.00 dB
Transmit Freq Error	5.122 kHz	
x dB Bandwidth	30.480 MHz	

Copyright 2000-2012 Agilent Technologies

**2.29. Occupied Bandwidth for SA\_Part22-24-27(Channel:631000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3465	99	26	1	Peak	28.21	30.48	30	Pass

Agilent

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

Ch Freq 3.465 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.465 00 GHz Span 60 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
28.2101 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 5.054 kHz	
<b>x dB Bandwidth</b> 30.481 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.30. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	28.22	30.5	30	Pass

Agilent

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

**Ch Freq** 3.49998 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.499 98 GHz Span 60 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
28.2194 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -7.408 kHz	
<b>x dB Bandwidth</b> 30.496 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.31. Occupied Bandwidth for SA\_Part22-24-27(Channel:635666, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3534.99	99	26	1	Peak	28.23	30.49	30	Pass

Agilent

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

Ch Freq 3.53499 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.534 99 GHz Span 60 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
28.2263 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-97.684 Hz
<b>x dB Bandwidth</b>	30.490 MHz

**Copyright 2000-2012 Agilent Technologies**

**2.32. Occupied Bandwidth for SA\_Part22-24-27(Channel:631000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3465	99	26	1	Peak	28.1	30.46	30	Pass

Agilent

Measure

Ch Freq 3.465 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.465 00 GHz Span 60 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**Occupied Bandwidth**

28.1011 MHz

Transmit Freq Error -33.042 kHz

x dB Bandwidth 30.464 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Copyright 2000-2012 Agilent Technologies

**2.33. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	28.11	30.45	30	Pass

Agilent

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

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.499 98 GHz Span 60 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
28.1053 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -48.263 kHz	
<b>x dB Bandwidth</b> 30.449 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.34. Occupied Bandwidth for SA\_Part22-24-27(Channel:635666, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3534.99	99	26	1	Peak	28.11	30.48	30	Pass

Agilent

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

Ch Freq 3.53499 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.534 99 GHz Span 60 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
28.1140 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>	-35.739 kHz	
<b>x dB Bandwidth</b>	30.481 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.35. Occupied Bandwidth for SA\_Part22-24-27(Channel:631000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3465	99	26	1	Peak	28.16	30.66	30	Pass

Agilent

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

Ch Freq 3.465 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.465 00 GHz Span 60 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
28.1577 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-16.548 kHz	
<b>x dB Bandwidth</b>	30.660 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.36. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	28.16	30.66	30	Pass

Agilent

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

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.499 98 GHz Span 60 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
28.1567 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-32.691 kHz	
<b>x dB Bandwidth</b>	30.663 MHz	

Copyright 2000-2012 Agilent Technologies

**2.37. Occupied Bandwidth for SA\_Part22-24-27(Channel:635666, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3534.99	99	26	1	Peak	28.15	30.66	30	Pass

Agilent

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

Ch Freq 3.53499 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak  
 Log  
 10  
 dB/  
 Offst  
 12.2  
 dB

Center 3.534 99 GHz
Span 60 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
28.1539 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-19.496 kHz
<b>x dB Bandwidth</b>	30.659 MHz

Copyright 2000-2012 Agilent Technologies

**2.38. Occupied Bandwidth for SA\_Part22-24-27(Channel:631334, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3470.01	99	26	1	Peak	37.96	40.83	40	Pass

Agilent

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

Ch Freq 3.47001 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.470 0 GHz Span 80 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
37.9637 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -20.334 kHz	
<b>x dB Bandwidth</b> 40.832 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.39. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	38	40.77	40	Pass

Agilent

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

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.500 0 GHz Span 80 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
37.9967 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -29.663 kHz	
<b>x dB Bandwidth</b> 40.770 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.40. Occupied Bandwidth for SA\_Part22-24-27(Channel:635332, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3529.98	99	26	1	Peak	37.99	40.74	40	Pass

Agilent

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

Ch Freq 3.52998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.530 0 GHz Span 80 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
37.9914 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -15.140 kHz	
<b>x dB Bandwidth</b> 40.744 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.41. Occupied Bandwidth for SA\_Part22-24-27(Channel:631334, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3470.01	99	26	1	Peak	37.98	40.67	40	Pass

Agilent

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

Ch Freq 3.47001 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.470 0 GHz Span 80 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
37.9799 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -52.460 kHz	
<b>x dB Bandwidth</b> 40.667 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.42. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	38.01	40.68	40	Pass

Agilent

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

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.500 0 GHz Span 80 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
38.0110 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -70.760 kHz	
<b>x dB Bandwidth</b> 40.682 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.43. Occupied Bandwidth for SA\_Part22-24-27(Channel:635332, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3529.98	99	26	1	Peak	38	40.63	40	Pass

Agilent

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

Ch Freq 3.52998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.530 0 GHz Span 80 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
38.0037 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -48.566 kHz	
<b>x dB Bandwidth</b> 40.632 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.44. Occupied Bandwidth for SA\_Part22-24-27(Channel:631334, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3470.01	99	26	1	Peak	38.07	40.7	40	Pass

Agilent

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

Ch Freq 3.47001 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak  
 Log  
 10  
 dB/  
 Offst  
 12.3  
 dB

Center 3.470 0 GHz
Span 80 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
38.0660 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-44.588 kHz
<b>x dB Bandwidth</b>	40.697 MHz

Copyright 2000-2012 Agilent Technologies

**2.45. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	38.09	40.64	40	Pass

Agilent

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

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.500 0 GHz Span 80 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
38.0866 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -59.037 kHz	
<b>x dB Bandwidth</b> 40.637 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.46. Occupied Bandwidth for SA\_Part22-24-27(Channel:635332, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3529.98	99	26	1	Peak	38.09	40.65	40	Pass

Agilent

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

Ch Freq 3.52998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.530 0 GHz Span 80 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
38.0858 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-38.074 kHz
<b>x dB Bandwidth</b>	40.651 MHz

**Copyright 2000-2012 Agilent Technologies**

**2.47. Occupied Bandwidth for SA\_Part22-24-27(Channel:631334, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3470.01	99	26	1	Peak	37.95	40.7	40	Pass

Agilent

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

**Ch Freq** 3.47001 GHz

**Trig** Free

**Occupied Bandwidth**

Averages: 1

Ref 30 dBm  
 #Peak  
 Log  
 10  
 dB/  
 Offst  
 12.3  
 dB

#Atten 30 dB

Center 3.470 0 GHz
Span 80 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
37.9465 MHz	x dB	-26.00 dB
Transmit Freq Error	-27.151 kHz	
x dB Bandwidth	40.705 MHz	

Copyright 2000-2012 Agilent Technologies

**2.48. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	37.95	40.68	40	Pass

Agilent

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

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
37.9476 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -26.870 kHz	
<b>x dB Bandwidth</b> 40.679 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.49. Occupied Bandwidth for SA\_Part22-24-27(Channel:635332, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3529.98	99	26	1	Peak	37.95	40.69	40	Pass

Agilent

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

Ch Freq 3.52998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.530 0 GHz Span 80 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
37.9518 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -7.267 kHz	
<b>x dB Bandwidth</b> 40.694 MHz	

**Copyright 2000-2012 Agilent Technologies**

**7.24. Occupied Bandwidth for SA\_Part22-24-27(Channel:631668, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3475.02	99	26	1	Peak	47.59	50.4	50	Pass

Agilent

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

Ch Freq 3.47502 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.475 02 GHz Span 100 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
47.5906 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -1.887 kHz	
<b>x dB Bandwidth</b> 50.398 MHz	

**Copyright 2000-2012 Agilent Technologies**

**7.25. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	47.58	50.38	50	Pass

Agilent

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

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.499 98 GHz Span 100 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
47.5825 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -47.979 kHz	
<b>x dB Bandwidth</b> 50.381 MHz	

**Copyright 2000-2012 Agilent Technologies**

**7.26. Occupied Bandwidth for SA\_Part22-24-27(Channel:635000, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3525	99	26	1	Peak	47.59	50.41	50	Pass

Agilent

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

Ch Freq 3.525 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.525 00 GHz Span 100 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
47.5917 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -25.557 kHz	
<b>x dB Bandwidth</b> 50.409 MHz	

**Copyright 2000-2012 Agilent Technologies**

**7.27. Occupied Bandwidth for SA\_Part22-24-27(Channel:631668, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3475.02	99	26	1	Peak	47.57	50.43	50	Pass

Agilent

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

Ch Freq 3.47502 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.475 02 GHz Span 100 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
47.5724 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 5.925 kHz	
<b>x dB Bandwidth</b> 50.427 MHz	

**Copyright 2000-2012 Agilent Technologies**

**7.28. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	47.6	50.41	50	Pass

Agilent

Ext Ref

**Ch Freq** 3.49998 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.3

dB

Center 3.499 98 GHz Span 100 MHz

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

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

47.6000 MHz **x dB** -26.00 dB

**Transmit Freq Error** 6.041 kHz

**x dB Bandwidth** 50.413 MHz

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**Copyright 2000-2012 Agilent Technologies**

**7.29. Occupied Bandwidth for SA\_Part22-24-27(Channel:635000, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3525	99	26	1	Peak	47.59	50.42	50	Pass

Agilent

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

Ch Freq 3.525 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.525 00 GHz Span 100 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
47.5897 MHz	<b>x dB</b>	-26.00 dB
Transmit Freq Error	13.850 kHz	
x dB Bandwidth	50.421 MHz	

**Copyright 2000-2012 Agilent Technologies**

**7.30. Occupied Bandwidth for SA\_Part22-24-27(Channel:631668, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3475.02	99	26	1	Peak	47.67	50.38	50	Pass

Agilent

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

Ch Freq 3.47502 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.475 02 GHz Span 100 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
47.6725 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -107.005 kHz	
<b>x dB Bandwidth</b> 50.381 MHz	

**Copyright 2000-2012 Agilent Technologies**

**7.31. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	47.71	50.45	50	Pass

Agilent

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

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm
#Atten 30 dB

Center 3.499 98 GHz
Span 100 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
47.7079 MHz	x dB	-26.00 dB
Transmit Freq Error	-107.577 kHz	
x dB Bandwidth	50.447 MHz	

Copyright 2000-2012 Agilent Technologies

**7.32. Occupied Bandwidth for SA\_Part22-24-27(Channel:635000, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3525	99	26	1	Peak	47.69	50.41	50	Pass

Agilent

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

Ch Freq 3.525 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.525 00 GHz Span 100 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
47.6894 MHz	<b>x dB</b>	-26.00 dB
Transmit Freq Error	-99.511 kHz	
x dB Bandwidth	50.415 MHz	

**Copyright 2000-2012 Agilent Technologies**

**7.33. Occupied Bandwidth for SA\_Part22-24-27(Channel:631668, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3475.02	99	26	1	Peak	47.51	50.3	50	Pass

Agilent

Ext Ref

**Ch Freq** 3.47502 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.3 dB

Center 3.475 02 GHz Span 100 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
47.5099 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -7.272 kHz	
<b>x dB Bandwidth</b> 50.297 MHz	

**Copyright 2000-2012 Agilent Technologies**

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**7.34. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	47.55	50.37	50	Pass

Agilent

Ext Ref

**Ch Freq** 3.49998 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.3 dB

Center 3.499 98 GHz Span 100 MHz

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

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

47.5518 MHz **x dB** -26.00 dB

**Transmit Freq Error** -6.926 kHz

**x dB Bandwidth** 50.367 MHz

**Copyright 2000-2012 Agilent Technologies**

**Meas Off**

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**7.35. Occupied Bandwidth for SA\_Part22-24-27(Channel:635000, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3525	99	26	1	Peak	47.52	50.29	50	Pass

Agilent

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

Ch Freq 3.525 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.525 00 GHz Span 100 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
47.5242 MHz	<b>x dB</b>	-26.00 dB
Transmit Freq Error	-924.670 Hz	
x dB Bandwidth	50.285 MHz	

**Copyright 2000-2012 Agilent Technologies**

**7.36. Occupied Bandwidth for SA\_Part22-24-27(Channel:632000, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3480	99	26	1	Peak	57.76	60.68	60	Pass

Agilent

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

Ch Freq 3.48 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.480 00 GHz Span 120 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (600 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
57.7609 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -60.911 kHz	
<b>x dB Bandwidth</b> 60.676 MHz	

**Copyright 2000-2012 Agilent Technologies**

**7.37. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	57.8	60.66	60	Pass

Agilent

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

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.499 98 GHz Span 120 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (600 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
57.8046 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-49.213 kHz
<b>x dB Bandwidth</b>	60.663 MHz

**Copyright 2000-2012 Agilent Technologies**

**7.38. Occupied Bandwidth for SA\_Part22-24-27(Channel:634666, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3519.99	99	26	1	Peak	57.78	60.76	60	Pass

Agilent

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

Ch Freq 3.51999 GHz Trig Free

Occupied Bandwidth Averages: 1

---

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.2 dB

Center 3.519 99 GHz Span 120 MHz

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

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

**57.7821 MHz** x dB -26.00 dB

Transmit Freq Error -42.313 kHz

x dB Bandwidth 60.760 MHz

Ext Ref

**Copyright 2000-2012 Agilent Technologies**

**7.39. Occupied Bandwidth for SA\_Part22-24-27(Channel:632000, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3480	99	26	1	Peak	57.74	60.62	60	Pass

Agilent

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

Ch Freq 3.48 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.480 00 GHz Span 120 MHz

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

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

**57.7447 MHz** **x dB** -26.00 dB

Transmit Freq Error -79.952 kHz

x dB Bandwidth 60.622 MHz

Ext Ref

Ext Ref

Copyright 2000-2012 Agilent Technologies

**7.40. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	57.8	60.62	60	Pass

Agilent

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

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.499 98 GHz Span 120 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (600 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
57.7968 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -70.750 kHz	
<b>x dB Bandwidth</b> 60.620 MHz	

**Copyright 2000-2012 Agilent Technologies**

**7.41. Occupied Bandwidth for SA\_Part22-24-27(Channel:634666, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3519.99	99	26	1	Peak	57.78	60.62	60	Pass

Agilent

Ext Ref

**Ch Freq** 3.51999 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.2

dB

Ext Ref

**Meas Off**

**Channel Power**

**Occupied BW**

**ACP**

**Multi Carrier Power**

**Power Stat CCDF**

**More**  
1 of 2

Center 3.519 99 GHz Span 120 MHz

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

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

57.7828 MHz **x dB** -26.00 dB

**Transmit Freq Error** -68.888 kHz

**x dB Bandwidth** 60.616 MHz

**Copyright 2000-2012 Agilent Technologies**

**7.42. Occupied Bandwidth for SA\_Part22-24-27(Channel:632000, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3480	99	26	1	Peak	58.01	60.68	60	Pass

Agilent

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

Ch Freq 3.48 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.480 00 GHz Span 120 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (600 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
58.0080 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -156.603 kHz	
<b>x dB Bandwidth</b> 60.675 MHz	

**Copyright 2000-2012 Agilent Technologies**

**7.43. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	58.05	60.74	60	Pass

Agilent

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

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.499 98 GHz Span 120 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (600 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
58.0480 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-152.197 kHz
<b>x dB Bandwidth</b>	60.741 MHz

**Copyright 2000-2012 Agilent Technologies**

**7.44. Occupied Bandwidth for SA\_Part22-24-27(Channel:634666, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3519.99	99	26	1	Peak	58.04	60.77	60	Pass

Agilent

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

Ch Freq 3.51999 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.519 99 GHz Span 120 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (600 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
<b>58.0396 MHz</b>	<b>x dB</b> -26.00 dB
<b>Transmit Freq Error</b> -150.890 kHz	
<b>x dB Bandwidth</b> 60.772 MHz	

**Copyright 2000-2012 Agilent Technologies**

**7.45. Occupied Bandwidth for SA\_Part22-24-27(Channel:632000, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3480	99	26	1	Peak	57.86	60.66	60	Pass

Agilent

Ext Ref

**Ch Freq** 3.48 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.2

dB

Center 3.480 00 GHz Span 120 MHz

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

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

57.8567 MHz **x dB** -26.00 dB

**Transmit Freq Error** 2.772 kHz

**x dB Bandwidth** 60.661 MHz

**Copyright 2000-2012 Agilent Technologies**

**Meas Off**

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**7.46. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	57.9	60.64	60	Pass

Agilent

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

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.499 98 GHz Span 120 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (600 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
57.9023 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 6.364 kHz	
<b>x dB Bandwidth</b> 60.636 MHz	

Copyright 2000-2012 Agilent Technologies

**7.47. Occupied Bandwidth for SA\_Part22-24-27(Channel:634666, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3519.99	99	26	1	Peak	57.89	60.64	60	Pass

Agilent

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

Ch Freq 3.51999 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.519 99 GHz Span 120 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (600 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
57.8889 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 11.491 kHz	
<b>x dB Bandwidth</b> 60.643 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.50. Occupied Bandwidth for SA\_Part22-24-27(Channel:632334, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3485.01	99	26	1	Peak	67.45	70.42	70	Pass

Agilent

Ext Ref

**Ch Freq** 3.48501 GHz  
 Occupied Bandwidth

**Trig** Free  
 Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.485 01 GHz Span 140 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (700 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
67.4479 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-22.515 kHz	
<b>x dB Bandwidth</b>	70.424 MHz	

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More

1 of 2

**Copyright 2000-2012 Agilent Technologies**

**2.51. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	67.5	70.41	70	Pass

Agilent

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

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.499 98 GHz Span 140 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
67.5017 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-30.267 kHz	
<b>x dB Bandwidth</b>	70.412 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.52. Occupied Bandwidth for SA\_Part22-24-27(Channel:634332, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3514.98	99	26	1	Peak	67.52	70.49	70	Pass

Agilent

Ext Ref

**Ch Freq** 3.51498 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.2

dB

Center 3.514 98 GHz Span 140 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
67.5173 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-34.835 kHz	
<b>x dB Bandwidth</b>	70.491 MHz	

**Copyright 2000-2012 Agilent Technologies**

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**2.53. Occupied Bandwidth for SA\_Part22-24-27(Channel:632334, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3485.01	99	26	1	Peak	67.42	70.27	70	Pass

Agilent

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

Ch Freq 3.48501 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.485 01 GHz Span 140 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
67.4155 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -84.918 kHz	
<b>x dB Bandwidth</b> 70.267 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.54. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	67.48	70.3	70	Pass

Agilent

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

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.499 98 GHz Span 140 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
67.4768 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -77.643 kHz	
<b>x dB Bandwidth</b> 70.299 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.55. Occupied Bandwidth for SA\_Part22-24-27(Channel:634332, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3514.98	99	26	1	Peak	67.45	70.34	70	Pass

Agilent

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

Ch Freq 3.51498 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.514 98 GHz Span 140 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>		-83.878 kHz
<b>x dB Bandwidth</b>		70.340 MHz

Copyright 2000-2012 Agilent Technologies

**2.56. Occupied Bandwidth for SA\_Part22-24-27(Channel:632334, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3485.01	99	26	1	Peak	67.39	70.4	70	Pass

Agilent

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

Ch Freq 3.48501 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.485 01 GHz Span 140 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
67.3895 MHz	x dB	-26.00 dB
Transmit Freq Error	-50.649 kHz	
x dB Bandwidth	70.401 MHz	

Copyright 2000-2012 Agilent Technologies

**2.57. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	67.43	70.4	70	Pass

Agilent

Ext Ref

**Ch Freq** 3.49998 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.3

dB

Center 3.499 98 GHz Span 140 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
67.4339 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-46.261 kHz	
<b>x dB Bandwidth</b>	70.396 MHz	

**Copyright 2000-2012 Agilent Technologies**

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More

1 of 2

**2.58. Occupied Bandwidth for SA\_Part22-24-27(Channel:634332, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3514.98	99	26	1	Peak	67.44	70.4	70	Pass

Agilent

Ext Ref

**Ch Freq** 3.51498 GHz

**Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.514 98 GHz Span 140 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (700 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
67.4378 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-55.592 kHz	
<b>x dB Bandwidth</b>	70.401 MHz	

Copyright 2000-2012 Agilent Technologies

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**2.59. Occupied Bandwidth for SA\_Part22-24-27(Channel:632334, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3485.01	99	26	1	Peak	67.36	70.36	70	Pass

Agilent

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

Ch Freq 3.48501 GHz Trig Free

Occupied Bandwidth Averages: 1

---

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.2 dB

Center 3.485 01 GHz Span 140 MHz

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

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

**67.3598 MHz** x dB -26.00 dB

Transmit Freq Error -88.588 kHz

x dB Bandwidth 70.357 MHz

Copyright 2000-2012 Agilent Technologies

**2.60. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	67.4	70.42	70	Pass

Agilent

Ext Ref

**Ch Freq** 3.49998 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Ext Ref

Log

10

dB/

Offst

12.3

dB

Center 3.499 98 GHz Span 140 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
67.3989 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-80.586 kHz
<b>x dB Bandwidth</b>	70.419 MHz

**Copyright 2000-2012 Agilent Technologies**

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**2.61. Occupied Bandwidth for SA\_Part22-24-27(Channel:634332, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3514.98	99	26	1	Peak	67.4	70.44	70	Pass

Agilent

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

Ch Freq 3.51498 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.514 98 GHz Span 140 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
67.4022 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -86.008 kHz	
<b>x dB Bandwidth</b> 70.437 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.62. Occupied Bandwidth for SA\_Part22-24-27(Channel:632668, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3490.02	99	26	1	Peak	77.41	80.49	80	Pass

Agilent

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

Ch Freq 3.49002 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.490 02 GHz Span 160 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (800 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
<b>77.4066 MHz</b>	<b>x dB</b> -26.00 dB
<b>Transmit Freq Error</b> -54.897 kHz	
<b>x dB Bandwidth</b> 80.492 MHz	

Copyright 2000-2012 Agilent Technologies

**2.63. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	77.41	80.58	80	Pass

Agilent

Measure

Ext Ref

**Ch Freq** 3.49998 GHz Trig Free

Occupied Bandwidth Averages: 1

---

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.3

dB

Center 3.499 98 GHz Span 160 MHz

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

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

77.4056 MHz x dB -26.00 dB

Transmit Freq Error -59.799 kHz

x dB Bandwidth 80.581 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**Copyright 2000-2012 Agilent Technologies**

**2.64. Occupied Bandwidth for SA\_Part22-24-27(Channel:634000, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3510	99	26	1	Peak	77.39	80.47	80	Pass

Agilent

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

Ch Freq 3.51 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.510 00 GHz Span 160 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (800 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
77.3921 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-42.892 kHz	
<b>x dB Bandwidth</b>	80.473 MHz	

Copyright 2000-2012 Agilent Technologies

**2.65. Occupied Bandwidth for SA\_Part22-24-27(Channel:632668, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3490.02	99	26	1	Peak	77.49	80.44	80	Pass

Agilent

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

Ch Freq 3.49002 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.490 02 GHz Span 160 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (800 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
77.4908 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -67.561 kHz	
<b>x dB Bandwidth</b> 80.444 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.66. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	77.47	80.56	80	Pass

Agilent

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

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.499 98 GHz Span 160 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
77.4741 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-68.284 kHz
<b>x dB Bandwidth</b>	80.558 MHz

**Copyright 2000-2012 Agilent Technologies**

**2.67. Occupied Bandwidth for SA\_Part22-24-27(Channel:634000, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3510	99	26	1	Peak	77.51	80.46	80	Pass

Agilent
Measure

Ch Freq 3.51 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.510 00 GHz Span 160 MHz

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

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

**77.5074 MHz** x dB -26.00 dB

Transmit Freq Error -89.461 kHz

x dB Bandwidth 80.456 MHz

Copyright 2000-2012 Agilent Technologies

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**2.68. Occupied Bandwidth for SA\_Part22-24-27(Channel:632668, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3490.02	99	26	1	Peak	77.48	80.6	80	Pass

Agilent

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

Ch Freq 3.49002 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.490 02 GHz Span 160 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (800 pts)

**Occupied Bandwidth** Occ BW % Pwr 99.00 %  
**77.4803 MHz** x dB -26.00 dB

Transmit Freq Error 4.432 kHz  
 x dB Bandwidth 80.603 MHz

**Copyright 2000-2012 Agilent Technologies**

**2.69. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	77.48	80.51	80	Pass

Agilent

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

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.499 98 GHz Span 160 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
77.4831 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>	-3.228 kHz	
<b>x dB Bandwidth</b>	80.512 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.70. Occupied Bandwidth for SA\_Part22-24-27(Channel:634000, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3510	99	26	1	Peak	77.48	80.53	80	Pass

Agilent

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

Ch Freq 3.51 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.510 00 GHz Span 160 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
77.4782 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -2.073 kHz	
<b>x dB Bandwidth</b> 80.533 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.71. Occupied Bandwidth for SA\_Part22-24-27(Channel:632668, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3490.02	99	26	1	Peak	77.36	80.62	80	Pass

Agilent

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

Ch Freq 3.49002 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.490 02 GHz Span 160 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (800 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
77.3604 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -44.865 kHz	
<b>x dB Bandwidth</b> 80.617 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.72. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	77.35	80.63	80	Pass

Agilent

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

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.499 98 GHz Span 160 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (800 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
77.3510 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-53.174 kHz	
<b>x dB Bandwidth</b>	80.628 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.73. Occupied Bandwidth for SA\_Part22-24-27(Channel:634000, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3510	99	26	1	Peak	77.36	80.51	80	Pass

Agilent

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

Ch Freq 3.51 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.510 00 GHz Span 160 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
77.3596 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -46.474 kHz	
<b>x dB Bandwidth</b> 80.510 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.74. Occupied Bandwidth for SA\_Part22-24-27(Channel:633000, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:245, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3495	99	26	1	Peak	87.32	90.67	90	Pass

Agilent

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

Ch Freq 3.495 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.495 00 GHz Span 180 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (900 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
87.3219 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -57.071 kHz	
<b>x dB Bandwidth</b> 90.671 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.75. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:245, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	87.32	90.69	90	Pass

Agilent

Ext Ref

**Ch Freq** 3.49998 GHz Trig Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.3

dB

Center 3.499 98 GHz Span 180 MHz

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

**Meas Off**

---

Channel Power

---

Occupied BW

---

ACP

---

Multi Carrier Power

---

Power Stat CCDF

---

More  
1 of 2

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
87.3242 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-65.827 kHz
<b>x dB Bandwidth</b>	90.688 MHz

**Copyright 2000-2012 Agilent Technologies**

**2.76. Occupied Bandwidth for SA\_Part22-24-27(Channel:633666, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:245, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3504.99	99	26	1	Peak	87.33	90.7	90	Pass

Agilent

Ext Ref

**Ch Freq** 3.50499 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.2

dB

Center 3.504 99 GHz Span 180 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
87.3304 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-62.541 kHz	
<b>x dB Bandwidth</b>	90.705 MHz	

**Copyright 2000-2012 Agilent Technologies**

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More

1 of 2

**2.77. Occupied Bandwidth for SA\_Part22-24-27(Channel:633000, 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
3495	99	26	1	Peak	87.35	90.57	90	Pass

Agilent

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

Ch Freq 3.495 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.495 00 GHz Span 180 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (900 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
87.3534 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-159.800 kHz
<b>x dB Bandwidth</b>	90.565 MHz

**Copyright 2000-2012 Agilent Technologies**

**2.78. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, 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
3499.98	99	26	1	Peak	87.36	90.59	90	Pass

Agilent

Ext Ref

**Ch Freq** 3.49998 GHz Trig Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.3 dB

Center 3.499 98 GHz Span 180 MHz

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

**Meas Off**

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
87.3649 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-160.212 kHz
<b>x dB Bandwidth</b>	90.592 MHz

**Copyright 2000-2012 Agilent Technologies**

**2.79. Occupied Bandwidth for SA\_Part22-24-27(Channel:633666, 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
3504.99	99	26	1	Peak	87.37	90.53	90	Pass

Agilent

Ext Ref

**Ch Freq** 3.50499 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.2

dB

Center 3.504 99 GHz Span 180 MHz

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

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

**87.3664 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -154.813 kHz

**x dB Bandwidth** 90.534 MHz

**Copyright 2000-2012 Agilent Technologies**

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**2.80. Occupied Bandwidth for SA\_Part22-24-27(Channel:633000, 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
3495	99	26	1	Peak	87.34	90.72	90	Pass

Agilent

Ext Ref

**Ch Freq** 3.495 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.3

dB

Center 3.495 00 GHz Span 180 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
87.3404 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -99.824 kHz	
<b>x dB Bandwidth</b> 90.717 MHz	

**Copyright 2000-2012 Agilent Technologies**

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**2.81. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, 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
3499.98	99	26	1	Peak	87.34	90.66	90	Pass

Agilent

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

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.499 98 GHz Span 180 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (900 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
87.3405 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-111.821 kHz
<b>x dB Bandwidth</b>	90.659 MHz

**Copyright 2000-2012 Agilent Technologies**

**2.82. Occupied Bandwidth for SA\_Part22-24-27(Channel:633666, 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
3504.99	99	26	1	Peak	87.35	90.63	90	Pass

Agilent

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

Ch Freq 3.50499 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak  
 Log  
 10  
 dB/  
 Offst  
 12.2  
 dB

Center 3.504 99 GHz
Span 180 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
87.3481 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-95.198 kHz
<b>x dB Bandwidth</b>	90.625 MHz

Copyright 2000-2012 Agilent Technologies

**2.83. Occupied Bandwidth for SA\_Part22-24-27(Channel:633000, 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
3495	99	26	1	Peak	87.31	90.61	90	Pass

Agilent
Measure

Ch Freq 3.495 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.495 00 GHz Span 180 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (900 pts)

**Occupied Bandwidth** Occ BW % Pwr 99.00 %  
**87.3107 MHz** x dB -26.00 dB

Transmit Freq Error -27.108 kHz  
 x dB Bandwidth 90.609 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Copyright 2000-2012 Agilent Technologies



**2.85. Occupied Bandwidth for SA\_Part22-24-27(Channel:633666, 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
3504.99	99	26	1	Peak	87.33	90.63	90	Pass

Agilent

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

Ch Freq 3.50499 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.504 99 GHz Span 180 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
87.3300 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>		-22.464 kHz
<b>x dB Bandwidth</b>		90.627 MHz

**Copyright 2000-2012 Agilent Technologies**



**7.48. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:273, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3499.98	99	26	1	Peak	97.16	100.8	100	Pass

Agilent

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

Ch Freq 3.49998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.500 0 GHz Span 200 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (1000 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
97.1633 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -164.210 kHz	
<b>x dB Bandwidth</b> 100.805 MHz	

**Copyright 2000-2012 Agilent Technologies**

**7.49. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, 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
3499.98	99	26	1	Peak	97.13	100.55	100	Pass

Agilent

Ext Ref

**Ch Freq** 3.49998 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.3

dB

Center 3.499 98 GHz Span 200 MHz

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

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

**97.1309 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -79.107 kHz

**x dB Bandwidth** 100.549 MHz

**Copyright 2000-2012 Agilent Technologies**

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**7.50. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, 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
3499.98	99	26	1	Peak	97.36	100.79	100	Pass

Agilent

Ext Ref

**Ch Freq** 3.49998 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.3

dB

Center 3.499 98 GHz Span 200 MHz

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

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

**97.3582 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 20.369 kHz

**x dB Bandwidth** 100.791 MHz

**Copyright 2000-2012 Agilent Technologies**

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**7.51. Occupied Bandwidth for SA\_Part22-24-27(Channel:633332, 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
3499.98	99	26	1	Peak	97.3	100.61	100	Pass

Agilent

Ext Ref

**Ch Freq** 3.49998 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.3

dB

Ext Ref

Center 3.499 98 GHz Span 200 MHz

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

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

**97.2970 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -78.414 kHz

**x dB Bandwidth** 100.611 MHz

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

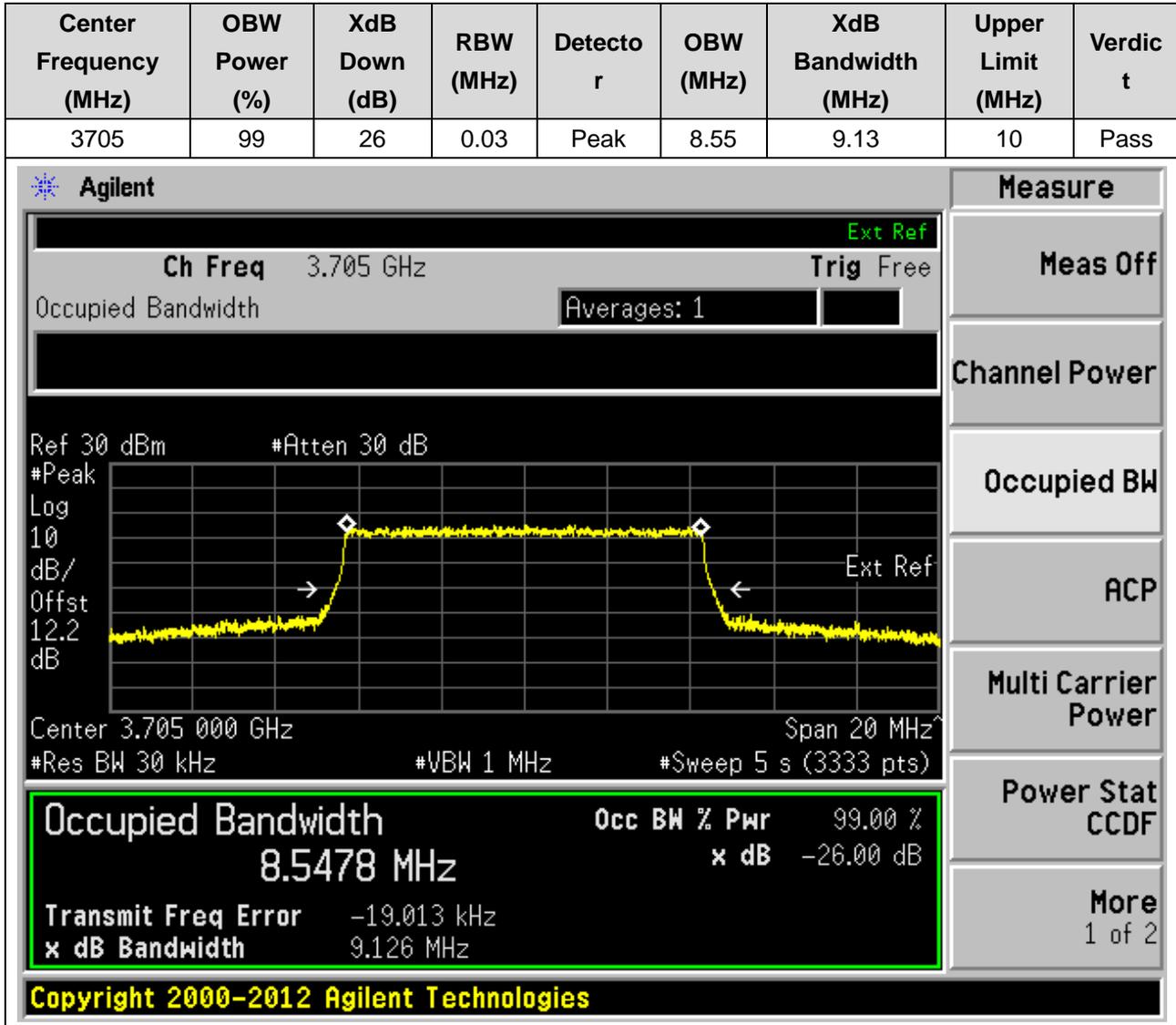
Power Stat CCDF

More  
1 of 2

**Copyright 2000-2012 Agilent Technologies**

## 1. n77(3700-3980)

1.1. Occupied Bandwidth for SA\_Part22-24-27(Channel:647000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:24, RB Position:0)



1.2. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	0.03	Peak	8.56	9.05	10	Pass

Agilent

Measure

Ch Freq 3.84 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
10

dB/
Offst

12.8
dB

Center 3.840 000 GHz
Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
8.5550 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-18.777 kHz
<b>x dB Bandwidth</b>	9.053 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**Copyright 2000-2012 Agilent Technologies**

**1.3. Occupied Bandwidth for SA\_Part22-24-27(Channel:665000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:24, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3975	99	26	0.03	Peak	8.54	9.11	10	Pass

Agilent

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

Ch Freq 3.975 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.975 000 GHz Span 20 MHz  
 #Res BW 30 kHz #VBW 1 MHz #Sweep 5 s (3333 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
8.5449 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>		-19.644 kHz
<b>x dB Bandwidth</b>		9.108 MHz

Copyright 2000-2012 Agilent Technologies

**1.4. Occupied Bandwidth for SA\_Part22-24-27(Channel:647000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:24, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3705	99	26	0.03	Peak	8.56	9.07	10	Pass

Agilent

Measure

Ch Freq 3.705 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
10

dB/
Offst

12.2
dB

Center 3.705 000 GHz
Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
8.5573 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -15.053 kHz	
<b>x dB Bandwidth</b> 9.075 MHz	

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**Copyright 2000-2012 Agilent Technologies**

1.5. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	0.03	Peak	8.55	9.04	10	Pass

Agilent

Measure

Ch Freq 3.84 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
10

dB/
Offst

12.8
dB

Center 3.840 000 GHz
Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
8.5549 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -21.411 kHz	
<b>x dB Bandwidth</b> 9.044 MHz	

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**Copyright 2000-2012 Agilent Technologies**

1.6. Occupied Bandwidth for SA\_Part22-24-27(Channel:665000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3975	99	26	0.03	Peak	8.56	9.09	10	Pass

Agilent

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

Ch Freq 3.975 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.975 000 GHz Span 20 MHz  
 #Res BW 30 kHz #VBW 1 MHz #Sweep 5 s (3333 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
8.5574 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -19.976 kHz	
<b>x dB Bandwidth</b> 9.089 MHz	

**Copyright 2000-2012 Agilent Technologies**

1.7. Occupied Bandwidth for SA\_Part22-24-27(Channel:647000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3705	99	26	0.03	Peak	8.57	9.15	10	Pass

Agilent

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

Ch Freq 3.705 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.705 000 GHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
8.5659 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -14.261 kHz	
<b>x dB Bandwidth</b> 9.147 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.8. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:24, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	0.03	Peak	8.56	9.05	10	Pass

Agilent

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

Ch Freq 3.84 GHz
Ext Ref Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.840 000 GHz Span 20 MHz  
#Res BW 30 kHz #VBW 1 MHz #Sweep 5 s (3333 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
8.5600 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -18.662 kHz	
<b>x dB Bandwidth</b> 9.046 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.9. Occupied Bandwidth for SA\_Part22-24-27(Channel:665000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:24, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3975	99	26	0.03	Peak	8.55	9.11	10	Pass

Agilent

Ext Ref

**Ch Freq** 3.975 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak  
Log  
10  
dB/  
Offst  
13  
dB

Center 3.975 000 GHz Span 20 MHz

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

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

**8.5545 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -24.970 kHz

**x dB Bandwidth** 9.107 MHz

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat  
CCDF

More  
1 of 2

**Copyright 2000-2012 Agilent Technologies**

**1.10. Occupied Bandwidth for SA\_Part22-24-27(Channel:647000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:24, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3705	99	26	0.03	Peak	8.56	9.09	10	Pass

Agilent

Measure

Ch Freq 3.705 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log 10 dB/Offst 12.2 dB

Center 3.705 000 GHz
Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.5626 MHz	x dB	-26.00 dB
Transmit Freq Error	-17.038 kHz	
x dB Bandwidth	9.095 MHz	

Power Stat CCDF
More 1 of 2

Copyright 2000-2012 Agilent Technologies

**1.11. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:24, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	0.03	Peak	8.56	9.04	10	Pass

Agilent

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

Ch Freq 3.84 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.840 000 GHz Span 20 MHz  
#Res BW 30 kHz #VBW 1 MHz #Sweep 5 s (3333 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
8.5616 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-19.081 kHz
<b>x dB Bandwidth</b>	9.036 MHz

**Copyright 2000-2012 Agilent Technologies**

**1.12. Occupied Bandwidth for SA\_Part22-24-27(Channel:665000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:24, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3975	99	26	0.03	Peak	8.56	9.13	10	Pass

Agilent

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

Ch Freq 3.975 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.975 000 GHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
8.5618 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>	-20.267 kHz	
<b>x dB Bandwidth</b>	9.129 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.13. Occupied Bandwidth for SA\_Part22-24-27(Channel:647168, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3707.52	99	26	0.03	Peak	13.55	14.15	15	Pass

Agilent

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

Ch Freq 3.70752 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.707 520 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
13.5480 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-18.554 kHz
<b>x dB Bandwidth</b>	14.152 MHz

**Copyright 2000-2012 Agilent Technologies**

**1.14. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	0.03	Peak	13.54	14.15	15	Pass

Agilent

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

Ch Freq 3.84 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.840 000 GHz Span 30 MHz  
 #Res BW 30 kHz #VBW 1 MHz #Sweep 5 s (5000 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
13.5422 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -20.652 kHz	
<b>x dB Bandwidth</b> 14.155 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.15. Occupied Bandwidth for SA\_Part22-24-27(Channel:664832, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3972.48	99	26	0.03	Peak	13.55	14.15	15	Pass

Agilent

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

Ch Freq 3.97248 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.972 480 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
13.5460 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -19.138 kHz	
<b>x dB Bandwidth</b> 14.155 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.16. Occupied Bandwidth for SA\_Part22-24-27(Channel:647168, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3707.52	99	26	0.03	Peak	13.56	14.21	15	Pass

Agilent

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

Ch Freq 3.70752 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
13.5551 MHz	<b>x dB</b> -26.00 dB
<b>Transmit Freq Error</b>	-19.374 kHz
<b>x dB Bandwidth</b>	14.212 MHz

Copyright 2000-2012 Agilent Technologies

**1.17. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	0.03	Peak	13.57	14.18	15	Pass

Agilent

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

Ch Freq 3.84 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.8 dB

Center 3.840 000 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
13.5729 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -17.299 kHz	
<b>x dB Bandwidth</b> 14.182 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.18. Occupied Bandwidth for SA\_Part22-24-27(Channel:664832, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3972.48	99	26	0.03	Peak	13.55	14.21	15	Pass

Agilent

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

Ch Freq 3.97248 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
13.5548 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-19.409 kHz
<b>x dB Bandwidth</b>	14.209 MHz

Copyright 2000-2012 Agilent Technologies

**1.19. Occupied Bandwidth for SA\_Part22-24-27(Channel:647168, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3707.52	99	26	0.03	Peak	13.56	14.1	15	Pass

Agilent

Measure

Ch Freq 3.70752 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.707 520 GHz Span 30 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
13.5568 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-24.639 kHz
<b>x dB Bandwidth</b>	14.104 MHz

**Copyright 2000-2012 Agilent Technologies**

**1.20. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	0.03	Peak	13.57	14.22	15	Pass

Agilent

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

Ch Freq 3.84 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.840 000 GHz Span 30 MHz  
 #Res BW 30 kHz #VBW 1 MHz #Sweep 5 s (5000 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
13.5682 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -17.002 kHz	
<b>x dB Bandwidth</b> 14.215 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.21. Occupied Bandwidth for SA\_Part22-24-27(Channel:664832, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3972.48	99	26	0.03	Peak	13.56	14.13	15	Pass

Agilent

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

Ch Freq 3.97248 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.972 480 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>13.5559 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-22.996 kHz	
<b>x dB Bandwidth</b>	14.132 MHz	

**Copyright 2000-2012 Agilent Technologies**

1.22. Occupied Bandwidth for SA\_Part22-24-27(Channel:647168, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:38, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3707.52	99	26	0.03	Peak	13.57	14.17	15	Pass

Agilent

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

Ch Freq 3.70752 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.707 520 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
13.5672 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -20.369 kHz	
<b>x dB Bandwidth</b> 14.167 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.23. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	0.03	Peak	13.56	14.19	15	Pass

Agilent

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

Ch Freq 3.84 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.840 000 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
13.5618 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>		-22.546 kHz
<b>x dB Bandwidth</b>		14.192 MHz

Copyright 2000–2012 Agilent Technologies

**1.24. Occupied Bandwidth for SA\_Part22-24-27(Channel:664832, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3972.48	99	26	0.03	Peak	13.57	14.18	15	Pass

Agilent

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

Ch Freq 3.97248 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.972 480 GHz Span 30 MHz

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

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

13.5682 MHz

x dB      -26.00 dB

Transmit Freq Error      -17.733 kHz

x dB Bandwidth      14.178 MHz

Copyright 2000-2012 Agilent Technologies

**1.25. Occupied Bandwidth for SA\_Part22-24-27(Channel:647334, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3710.01	99	26	0.03	Peak	18.17	18.75	20	Pass

Agilent

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

Ch Freq 3.71001 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.710 010 GHz Span 40 MHz  
 #Res BW 30 kHz #VBW 1 MHz #Sweep 5 s (6666 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
18.1686 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-14.565 kHz
<b>x dB Bandwidth</b>	18.751 MHz

**Copyright 2000-2012 Agilent Technologies**

**1.26. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	0.03	Peak	18.18	18.84	20	Pass

Agilent

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

Ch Freq 3.84 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.8 dB

Ext Ref

Center 3.840 000 GHz
Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
18.1827 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -13.956 kHz	
<b>x dB Bandwidth</b> 18.845 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.27. Occupied Bandwidth for SA\_Part22-24-27(Channel:664666, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3969.99	99	26	0.03	Peak	18.16	18.78	20	Pass

Agilent

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

Ch Freq 3.96999 GHz Trig Free

Occupied Bandwidth Averages: 1

---

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 13.1 dB

Center 3.969 990 GHz Span 40 MHz

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

Ext Ref

Ext Ref

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
18.1572 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>	-8.475 kHz	
<b>x dB Bandwidth</b>	18.775 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.28. Occupied Bandwidth for SA\_Part22-24-27(Channel:647334, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3710.01	99	26	0.03	Peak	18.18	18.76	20	Pass

Agilent

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

Ch Freq 3.71001 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.710 010 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
18.1817 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -16.622 kHz	
<b>x dB Bandwidth</b> 18.762 MHz	

Copyright 2000-2012 Agilent Technologies

**1.29. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	0.03	Peak	18.18	18.8	20	Pass

Agilent

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

Ch Freq 3.84 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.8 dB

Center 3.840 000 GHz Span 40 MHz

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

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

**18.1768 MHz** x dB -26.00 dB

Transmit Freq Error -16.635 kHz

x dB Bandwidth 18.803 MHz

Copyright 2000-2012 Agilent Technologies

**1.30. Occupied Bandwidth for SA\_Part22-24-27(Channel:664666, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3969.99	99	26	0.03	Peak	18.19	18.76	20	Pass

Agilent

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

Ch Freq 3.96999 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.969 990 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
18.1863 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>	-6.484 kHz	
<b>x dB Bandwidth</b>	18.758 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.31. Occupied Bandwidth for SA\_Part22-24-27(Channel:647334, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3710.01	99	26	0.03	Peak	18.17	18.75	20	Pass

Agilent

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

Ch Freq 3.71001 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.710 010 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
18.1685 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -11.521 kHz	
<b>x dB Bandwidth</b> 18.749 MHz	

Copyright 2000-2012 Agilent Technologies

**1.32. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	0.03	Peak	18.15	18.76	20	Pass

Agilent

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

Ch Freq 3.84 GHz
Ext Ref Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.8 dB

Center 3.840 000 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
18.1505 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -13.465 kHz	
<b>x dB Bandwidth</b> 18.757 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.33. Occupied Bandwidth for SA\_Part22-24-27(Channel:664666, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3969.99	99	26	0.03	Peak	18.16	18.75	20	Pass

Agilent

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

Ch Freq 3.96999 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.969 990 GHz Span 40 MHz  
 #Res BW 30 kHz #VBW 1 MHz #Sweep 5 s (6666 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
<b>18.1587 MHz</b>	<b>x dB</b> -26.00 dB
<b>Transmit Freq Error</b> -8.778 kHz	
<b>x dB Bandwidth</b> 18.746 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.34. Occupied Bandwidth for SA\_Part22-24-27(Channel:647334, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3710.01	99	26	0.03	Peak	18.15	18.75	20	Pass

Agilent

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

Ch Freq 3.71001 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.710 010 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
18.1533 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -15.993 kHz	
<b>x dB Bandwidth</b> 18.746 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.35. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	0.03	Peak	18.17	18.81	20	Pass

Agilent

Measure

Ch Freq 3.84 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.840 000 GHz Span 40 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
18.1674 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -11.307 kHz	
<b>x dB Bandwidth</b> 18.814 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.36. Occupied Bandwidth for SA\_Part22-24-27(Channel:664666, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3969.99	99	26	0.03	Peak	18.15	18.74	20	Pass

Agilent

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

Ch Freq 3.96999 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.969 990 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
18.1524 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -15.042 kHz	
<b>x dB Bandwidth</b> 18.745 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.1. Occupied Bandwidth for SA\_Part22-24-27(Channel:647500, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:65, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3712.5	99	26	1	Peak	23.54	25.7	25	Pass

Agilent

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

Ch Freq 3.7125 GHz
Trig Free

Occupied Bandwidth Averages: 1

Center 3.712 500 GHz
Span 50 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
23.5425 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>		-39.057 kHz
<b>x dB Bandwidth</b>		25.703 MHz

Copyright 2000-2012 Agilent Technologies

**1.2. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:65, 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	23.55	25.72	25	Pass

Agilent

Measure

Ch Freq 3.75 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.4 dB

Center 3.750 000 GHz Span 50 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**Occupied Bandwidth**

**23.5507 MHz**

Transmit Freq Error -39.518 kHz

x dB Bandwidth 25.716 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Copyright 2000-2012 Agilent Technologies

**1.3. Occupied Bandwidth for SA\_Part22-24-27(Channel:652500, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:65, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3787.5	99	26	1	Peak	23.54	25.69	25	Pass

Agilent

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

Ch Freq 3.7875 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.787 500 GHz Span 50 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
23.5382 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -41.657 kHz	
<b>x dB Bandwidth</b> 25.694 MHz	

**Copyright 2000-2012 Agilent Technologies**

1.4. Occupied Bandwidth for SA\_Part22-24-27(Channel:647500, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:65, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3712.5	99	26	1	Peak	23.7	25.83	25	Pass

Agilent
Measure

Ch Freq 3.7125 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.2 dB

Center 3.712 500 GHz Span 50 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**Occupied Bandwidth**

**23.7032 MHz**

Transmit Freq Error -14.149 kHz

x dB Bandwidth 25.833 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Copyright 2000-2012 Agilent Technologies

**1.5. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:65, 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	23.71	25.82	25	Pass

Agilent

**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

Center 3.750 000 GHz Span 50 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
23.7087 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -18.746 kHz	
<b>x dB Bandwidth</b> 25.824 MHz	

**Copyright 2000-2012 Agilent Technologies**

1.6. Occupied Bandwidth for SA\_Part22-24-27(Channel:652500, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:65, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3787.5	99	26	1	Peak	23.69	25.8	25	Pass

Agilent

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

Ch Freq 3.7875 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.787 500 GHz Span 50 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
23.6909 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -21.670 kHz	
<b>x dB Bandwidth</b> 25.802 MHz	

**Copyright 2000-2012 Agilent Technologies**

1.7. Occupied Bandwidth for SA\_Part22-24-27(Channel:647500, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:65, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3712.5	99	26	1	Peak	23.68	25.72	25	Pass

Agilent

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

Ch Freq 3.7125 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.712 500 GHz Span 50 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
23.6820 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -85.428 kHz	
<b>x dB Bandwidth</b> 25.722 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.8. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:65, 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	23.68	25.73	25	Pass

Agilent

**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

Center 3.750 000 GHz Span 50 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
23.6822 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-77.532 kHz	
<b>x dB Bandwidth</b>	25.729 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.9. Occupied Bandwidth for SA\_Part22-24-27(Channel:652500, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:65, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3787.5	99	26	1	Peak	23.66	25.73	25	Pass

Agilent

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

Ch Freq 3.7875 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.787 500 GHz Span 50 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
23.6573 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-86.631 kHz	
<b>x dB Bandwidth</b>	25.725 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.10. Occupied Bandwidth for SA\_Part22-24-27(Channel:647500, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:65, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3712.5	99	26	1	Peak	23.58	25.7	25	Pass

Agilent

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

Ch Freq 3.7125 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.712 500 GHz Span 50 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
<b>23.5759 MHz</b>	<b>x dB</b> -26.00 dB
<b>Transmit Freq Error</b> -43.909 kHz	
<b>x dB Bandwidth</b> 25.695 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.11. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:65, 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	23.58	25.68	25	Pass

Agilent

**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

Center 3.750 000 GHz Span 50 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
23.5787 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-42.716 kHz	
<b>x dB Bandwidth</b>	25.682 MHz	

Copyright 2000-2012 Agilent Technologies

**1.12. Occupied Bandwidth for SA\_Part22-24-27(Channel:652500, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:65, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3787.5	99	26	1	Peak	23.58	25.67	25	Pass

Agilent

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

Ch Freq 3.7875 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.787 500 GHz Span 50 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
23.5767 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-46.056 kHz	
<b>x dB Bandwidth</b>	25.675 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.13. Occupied Bandwidth for SA\_Part22-24-27(Channel:647668, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3715.02	99	26	1	Peak	28.11	30.48	30	Pass

Agilent

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

Ch Freq 3.71502 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.715 02 GHz Span 60 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
28.1052 MHz	x dB	-26.00 dB
Transmit Freq Error	9.695 kHz	
x dB Bandwidth	30.476 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.14. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	28.1	30.58	30	Pass

Agilent

**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

Center 3.750 00 GHz Span 60 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
28.1013 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 23.791 kHz	
<b>x dB Bandwidth</b> 30.578 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.15. Occupied Bandwidth for SA\_Part22-24-27(Channel:652332, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3784.98	99	26	1	Peak	28.08	30.5	30	Pass

Agilent

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

Ch Freq 3.78498 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.784 98 GHz Span 60 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
28.0829 MHz	x dB -26.00 dB
Transmit Freq Error 21.949 kHz	
x dB Bandwidth 30.504 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.16. Occupied Bandwidth for SA\_Part22-24-27(Channel:647668, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3715.02	99	26	1	Peak	28.22	30.44	30	Pass

Agilent

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

Ch Freq 3.71502 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.715 02 GHz Span 60 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	5.418 kHz	
<b>x dB Bandwidth</b>	30.439 MHz	

Copyright 2000-2012 Agilent Technologies

**1.17. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	28.21	30.41	30	Pass

Agilent

**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

Center 3.750 00 GHz Span 60 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
28.2121 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 9.600 kHz	
<b>x dB Bandwidth</b> 30.406 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.18. Occupied Bandwidth for SA\_Part22-24-27(Channel:652332, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3784.98	99	26	1	Peak	28.2	30.42	30	Pass

Agilent

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

Ch Freq 3.78498 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.784 98 GHz Span 60 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
28.2030 MHz	x dB	-26.00 dB
Transmit Freq Error	10.381 kHz	
x dB Bandwidth	30.423 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.19. Occupied Bandwidth for SA\_Part22-24-27(Channel:647668, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3715.02	99	26	1	Peak	28.11	30.47	30	Pass

Agilent

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

Ch Freq 3.71502 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.715 02 GHz Span 60 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
28.1088 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-27.251 kHz
<b>x dB Bandwidth</b>	30.470 MHz

**Copyright 2000-2012 Agilent Technologies**

**1.20. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	28.12	30.47	30	Pass

Agilent

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

Ch Freq 3.75 GHz
Ext Ref Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.750 00 GHz Span 60 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
28.1214 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -21.164 kHz	
<b>x dB Bandwidth</b> 30.471 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.21. Occupied Bandwidth for SA\_Part22-24-27(Channel:652332, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3784.98	99	26	1	Peak	28.1	30.46	30	Pass

Agilent

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

Ch Freq 3.78498 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.784 98 GHz Span 60 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
28.1005 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-22.290 kHz
<b>x dB Bandwidth</b>	30.459 MHz

**Copyright 2000-2012 Agilent Technologies**

**1.22. Occupied Bandwidth for SA\_Part22-24-27(Channel:647668, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3715.02	99	26	1	Peak	28.17	30.65	30	Pass

Agilent

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

Ch Freq 3.71502 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.715 02 GHz Span 60 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
28.1681 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -15.604 kHz	
<b>x dB Bandwidth</b> 30.653 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.23. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	28.17	30.65	30	Pass

Agilent

**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

Center 3.750 00 GHz Span 60 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
28.1671 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-8.639 kHz
<b>x dB Bandwidth</b>	30.651 MHz

**Copyright 2000-2012 Agilent Technologies**

**1.24. Occupied Bandwidth for SA\_Part22-24-27(Channel:652332, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3784.98	99	26	1	Peak	28.16	30.64	30	Pass

Agilent

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

Ch Freq 3.78498 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.784 98 GHz Span 60 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
28.1574 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -10.844 kHz	
<b>x dB Bandwidth</b> 30.637 MHz	

**Copyright 2000-2012 Agilent Technologies**



**1.38. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	1	Peak	37.97	40.77	40	Pass

Agilent

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

Ch Freq 3.84 GHz
Ext Ref Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.840 0 GHz Span 80 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
37.9681 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>	-30.493 kHz	
<b>x dB Bandwidth</b>	40.766 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.39. Occupied Bandwidth for SA\_Part22-24-27(Channel:664000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3960	99	26	1	Peak	38.01	40.88	40	Pass

Agilent

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

Ch Freq 3.96 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.960 0 GHz Span 80 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
38.0127 MHz	x dB	-26.00 dB
Transmit Freq Error	-59.986 kHz	
x dB Bandwidth	40.881 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.40. Occupied Bandwidth for SA\_Part22-24-27(Channel:648000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3720	99	26	1	Peak	38	40.65	40	Pass

Agilent

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

Ch Freq 3.72 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.720 0 GHz Span 80 MHz

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

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

**38.0038 MHz** **x dB** -26.00 dB

Transmit Freq Error -49.081 kHz

x dB Bandwidth 40.649 MHz

Ext Ref

Ext Ref

Copyright 2000-2012 Agilent Technologies

**1.41. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	1	Peak	38	40.62	40	Pass

Agilent

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

Ch Freq 3.84 GHz
Ext Ref Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.8400 GHz Span 80 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
38.0042 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-57.870 kHz
<b>x dB Bandwidth</b>	40.622 MHz

**Copyright 2000-2012 Agilent Technologies**

**1.42. Occupied Bandwidth for SA\_Part22-24-27(Channel:664000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3960	99	26	1	Peak	38.04	40.66	40	Pass

Agilent

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

Ch Freq 3.96 GHz
Ext Ref Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.960 0 GHz Span 80 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
38.0413 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -74.755 kHz	
<b>x dB Bandwidth</b> 40.658 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.43. Occupied Bandwidth for SA\_Part22-24-27(Channel:648000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3720	99	26	1	Peak	38.09	40.67	40	Pass

Agilent

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

Ch Freq 3.72 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.7200 GHz Span 80 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
38.0936 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -50.332 kHz	
<b>x dB Bandwidth</b> 40.673 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.44. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	1	Peak	38.08	40.62	40	Pass

Agilent

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

Ch Freq 3.84 GHz Trig Free

Occupied Bandwidth Averages: 1

---

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.8

dB

Center 3.840 0 GHz Span 80 MHz

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

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

**38.0752 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -51.097 kHz

**x dB Bandwidth** 40.618 MHz

Ext Ref

Ext Ref

**Copyright 2000-2012 Agilent Technologies**

**1.45. Occupied Bandwidth for SA\_Part22-24-27(Channel:664000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3960	99	26	1	Peak	38.11	40.64	40	Pass

Agilent

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

Ch Freq 3.96 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.960 0 GHz Span 80 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
38.1148 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -72.704 kHz	
<b>x dB Bandwidth</b> 40.640 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.46. Occupied Bandwidth for SA\_Part22-24-27(Channel:648000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3720	99	26	1	Peak	37.97	40.64	40	Pass

Agilent

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

Ch Freq 3.72 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.720 0 GHz Span 80 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
37.9745 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -31.455 kHz	
<b>x dB Bandwidth</b> 40.645 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.47. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	1	Peak	37.96	40.72	40	Pass

Agilent

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

Ch Freq 3.84 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.840 0 GHz Span 80 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
37.9580 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -17.876 kHz	
<b>x dB Bandwidth</b> 40.717 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.48. Occupied Bandwidth for SA\_Part22-24-27(Channel:664000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3960	99	26	1	Peak	37.96	40.71	40	Pass

Agilent

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

Ch Freq 3.96 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.960 0 GHz Span 80 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
37.9611 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -33.428 kHz	
<b>x dB Bandwidth</b> 40.710 MHz	

Copyright 2000-2012 Agilent Technologies

**1.49. Occupied Bandwidth for SA\_Part22-24-27(Channel:648334, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3725.01	99	26	1	Peak	47.6	50.37	50	Pass

Agilent

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

Ch Freq 3.72501 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.725 01 GHz Span 100 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
47.6035 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 13.510 kHz	
<b>x dB Bandwidth</b> 50.374 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.50. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	1	Peak	47.55	50.32	50	Pass

Agilent

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

Ch Freq 3.84 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.840 00 GHz Span 100 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
47.5493 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -22.910 kHz	
<b>x dB Bandwidth</b> 50.319 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.51. Occupied Bandwidth for SA\_Part22-24-27(Channel:663666, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3954.99	99	26	1	Peak	47.57	50.41	50	Pass

Agilent

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

Ch Freq 3.95499 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.954 99 GHz Span 100 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
47.5746 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -35.550 kHz	
<b>x dB Bandwidth</b> 50.408 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.52. Occupied Bandwidth for SA\_Part22-24-27(Channel:648334, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3725.01	99	26	1	Peak	47.58	50.41	50	Pass

Agilent

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

Ch Freq 3.72501 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.725 01 GHz Span 100 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
47.5811 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 15.996 kHz	
<b>x dB Bandwidth</b> 50.414 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.53. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	1	Peak	47.56	50.42	50	Pass

Agilent

Ext Ref

**Ch Freq** 3.84 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.8

dB

Center 3.840 00 GHz Span 100 MHz

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

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

**47.5638 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 18.836 kHz

**x dB Bandwidth** 50.421 MHz

**Copyright 2000-2012 Agilent Technologies**

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**1.54. Occupied Bandwidth for SA\_Part22-24-27(Channel:663666, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3954.99	99	26	1	Peak	47.58	50.41	50	Pass

Agilent

Ext Ref

**Ch Freq** 3.95499 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 13.1 dB

Center 3.954 99 GHz Span 100 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
47.5758 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-2.605 kHz	
<b>x dB Bandwidth</b>	50.412 MHz	

**Copyright 2000-2012 Agilent Technologies**

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**1.55. Occupied Bandwidth for SA\_Part22-24-27(Channel:648334, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3725.01	99	26	1	Peak	47.68	50.38	50	Pass

Agilent

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

Ch Freq 3.72501 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak  
 Log  
 10  
 dB/  
 Offst  
 12.2  
 dB

Center 3.725 01 GHz
Span 100 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
47.6821 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -100.181 kHz	
<b>x dB Bandwidth</b> 50.385 MHz	

Copyright 2000-2012 Agilent Technologies

**1.56. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	1	Peak	47.68	50.47	50	Pass

Agilent

Ext Ref

**Ch Freq** 3.84 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.8

dB

Center 3.840 00 GHz Span 100 MHz

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

**Occupied Bandwidth**

47.6755 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -100.087 kHz

x dB Bandwidth 50.472 MHz

**Meas Off**

**Channel Power**

**Occupied BW**

**ACP**

**Multi Carrier Power**

**Power Stat CCDF**

**More**  
1 of 2

Copyright 2000-2012 Agilent Technologies

**1.57. Occupied Bandwidth for SA\_Part22-24-27(Channel:663666, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3954.99	99	26	1	Peak	47.68	50.36	50	Pass

Agilent

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

Ch Freq 3.95499 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.954 99 GHz Span 100 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>47.6796 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-112.912 kHz	
<b>x dB Bandwidth</b>	50.359 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.58. Occupied Bandwidth for SA\_Part22-24-27(Channel:648334, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3725.01	99	26	1	Peak	47.52	50.3	50	Pass

Agilent

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

Ch Freq 3.72501 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>47.5247 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-109.216 Hz	
<b>x dB Bandwidth</b>	50.299 MHz	

Copyright 2000-2012 Agilent Technologies

**1.59. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	1	Peak	47.52	50.41	50	Pass

Agilent

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

Ch Freq 3.84 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.840 00 GHz Span 100 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
47.5250 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -271.708 Hz	
<b>x dB Bandwidth</b> 50.407 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.60. Occupied Bandwidth for SA\_Part22-24-27(Channel:663666, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3954.99	99	26	1	Peak	47.52	50.24	50	Pass

Agilent

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

Ch Freq 3.95499 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.954 99 GHz Span 100 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
47.5181 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -18.209 kHz	
<b>x dB Bandwidth</b> 50.236 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.61. Occupied Bandwidth for SA\_Part22-24-27(Channel:648668, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3730.02	99	26	1	Peak	57.78	60.65	60	Pass

Agilent

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

Ch Freq 3.73002 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.730 02 GHz Span 120 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (600 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
57.7768 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -69.595 kHz	
<b>x dB Bandwidth</b> 60.653 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.62. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	1	Peak	57.7	60.7	60	Pass

Agilent

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

Ch Freq 3.84 GHz
Ext Ref Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.840 00 GHz Span 120 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (600 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
57.7048 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -46.542 kHz	
<b>x dB Bandwidth</b> 60.700 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.63. Occupied Bandwidth for SA\_Part22-24-27(Channel:663332, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3949.98	99	26	1	Peak	57.74	60.66	60	Pass

Agilent

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

Ch Freq 3.94998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.949 98 GHz Span 120 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
57.7389 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-68.861 kHz
<b>x dB Bandwidth</b>	60.660 MHz

**Copyright 2000-2012 Agilent Technologies**

**1.64. Occupied Bandwidth for SA\_Part22-24-27(Channel:648668, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3730.02	99	26	1	Peak	57.77	60.62	60	Pass

Agilent
Measure

Ch Freq 3.73002 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.730 02 GHz Span 120 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
57.7697 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -68.609 kHz	
<b>x dB Bandwidth</b> 60.624 MHz	

**More**  
1 of 2

**Copyright 2000-2012 Agilent Technologies**

**1.65. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	1	Peak	57.73	60.58	60	Pass

Agilent

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

**Ch Freq** 3.84 GHz

**Trig** Free

**Occupied Bandwidth** Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.840 00 GHz Span 120 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (600 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
57.7313 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-65.664 kHz	
<b>x dB Bandwidth</b>	60.585 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.66. Occupied Bandwidth for SA\_Part22-24-27(Channel:663332, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3949.98	99	26	1	Peak	57.77	60.66	60	Pass

Agilent

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

Ch Freq 3.94998 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.949 98 GHz Span 120 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
57.7721 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-86.531 kHz
<b>x dB Bandwidth</b>	60.656 MHz

Copyright 2000-2012 Agilent Technologies

**1.67. Occupied Bandwidth for SA\_Part22-24-27(Channel:648668, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3730.02	99	26	1	Peak	58.03	60.74	60	Pass

Agilent

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

Ch Freq 3.73002 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.730 02 GHz Span 120 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (600 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
58.0278 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-154.591 kHz
<b>x dB Bandwidth</b>	60.736 MHz

Copyright 2000-2012 Agilent Technologies

**1.68. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	1	Peak	58.01	60.73	60	Pass

Agilent

Ext Ref

**Ch Freq** 3.84 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.8

dB

Center 3.840 00 GHz Span 120 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
58.0121 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-148.743 kHz
<b>x dB Bandwidth</b>	60.730 MHz

**Copyright 2000-2012 Agilent Technologies**

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**1.69. Occupied Bandwidth for SA\_Part22-24-27(Channel:663332, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3949.98	99	26	1	Peak	58.03	60.7	60	Pass

Agilent

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

Ch Freq 3.94998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.949 98 GHz Span 120 MHz

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

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

**58.0343 MHz** x dB -26.00 dB

Transmit Freq Error -163.193 kHz

x dB Bandwidth 60.696 MHz

**Copyright 2000-2012 Agilent Technologies**

**1.70. Occupied Bandwidth for SA\_Part22-24-27(Channel:648668, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3730.02	99	26	1	Peak	57.88	60.69	60	Pass

Agilent

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

Ch Freq 3.73002 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.730 02 GHz Span 120 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
57.8843 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 6.722 kHz	
<b>x dB Bandwidth</b> 60.686 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.71. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	1	Peak	57.86	60.63	60	Pass

Agilent

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

Ch Freq 3.84 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.840 00 GHz Span 120 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
57.8588 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 12.768 kHz	
<b>x dB Bandwidth</b> 60.631 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.72. Occupied Bandwidth for SA\_Part22-24-27(Channel:663332, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3949.98	99	26	1	Peak	57.88	60.69	60	Pass

Agilent

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

Ch Freq 3.94998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.949 98 GHz Span 120 MHz

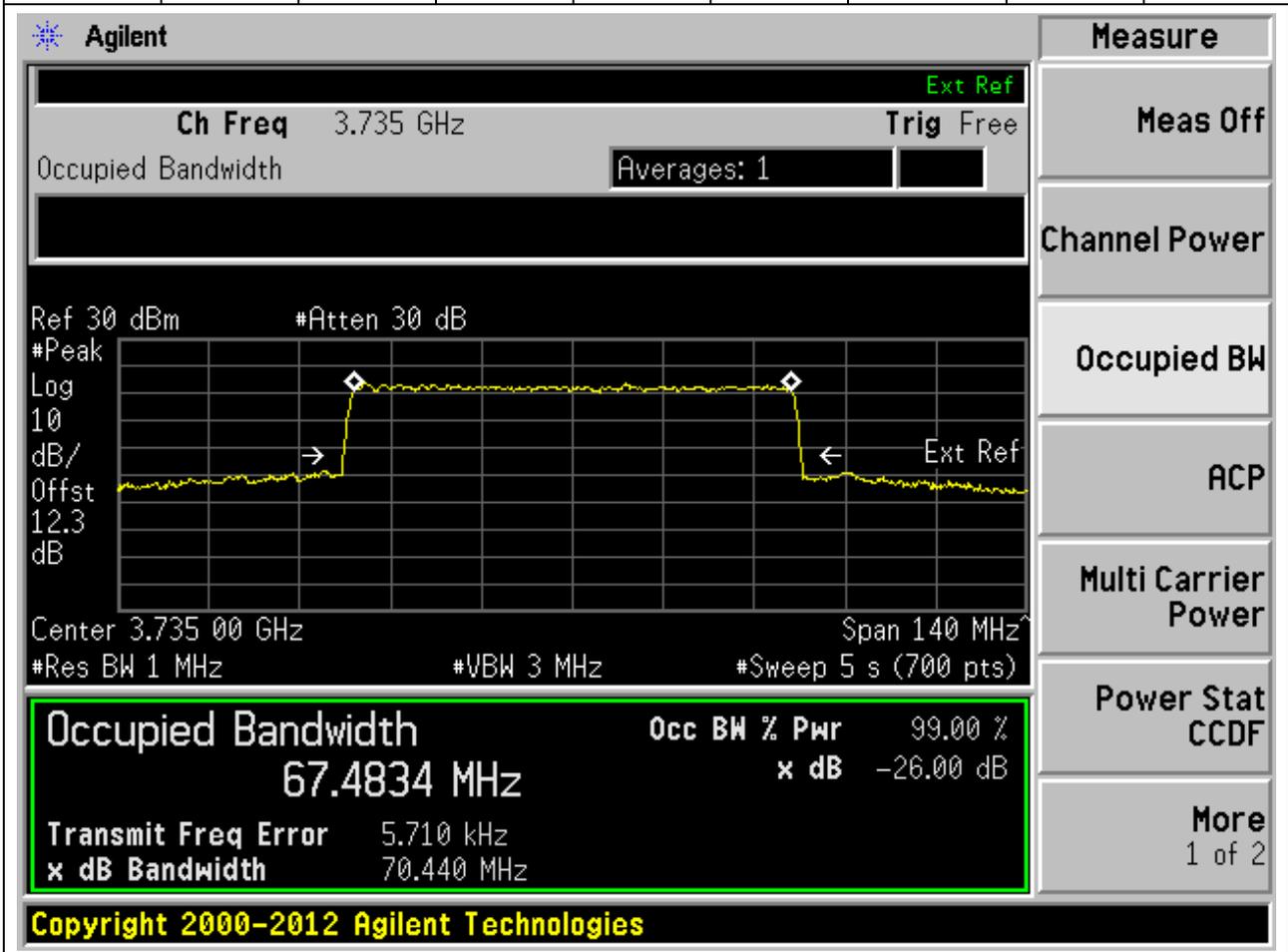
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (600 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
57.8836 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -11.541 kHz	
<b>x dB Bandwidth</b> 60.692 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.25. Occupied Bandwidth for SA\_Part22-24-27(Channel:649000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3735	99	26	1	Peak	67.48	70.44	70	Pass



**1.26. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	67.47	70.45	70	Pass

Agilent

**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

Center 3.750 00 GHz Span 140 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (700 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
67.4688 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	13.810 kHz	
<b>x dB Bandwidth</b>	70.452 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.27. Occupied Bandwidth for SA\_Part22-24-27(Channel:651000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3765	99	26	1	Peak	67.49	70.5	70	Pass

Agilent

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

Ch Freq 3.765 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.765 00 GHz Span 140 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (700 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
67.4943 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 10.164 kHz	
<b>x dB Bandwidth</b> 70.495 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.28. Occupied Bandwidth for SA\_Part22-24-27(Channel:649000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3735	99	26	1	Peak	67.46	70.32	70	Pass

Agilent

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

Ch Freq 3.735 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.735 00 GHz Span 140 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (700 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
67.4639 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -47.031 kHz	
<b>x dB Bandwidth</b> 70.315 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.29. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	67.48	70.31	70	Pass

Agilent

Ext Ref

**Ch Freq** 3.75 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.4

dB

Center 3.750 00 GHz Span 140 MHz

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

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

67.4828 MHz **x dB** -26.00 dB

**Transmit Freq Error** -49.975 kHz

**x dB Bandwidth** 70.309 MHz

**Meas Off**

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**Copyright 2000-2012 Agilent Technologies**

Document No:BL-SZ2560099

Page 1880 of 2128

**1.30. Occupied Bandwidth for SA\_Part22-24-27(Channel:651000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3765	99	26	1	Peak	67.46	70.28	70	Pass

Agilent

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

Ch Freq 3.765 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.765 00 GHz Span 140 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (700 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
67.4552 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -46.438 kHz	
<b>x dB Bandwidth</b> 70.281 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.31. Occupied Bandwidth for SA\_Part22-24-27(Channel:649000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3735	99	26	1	Peak	67.43	70.42	70	Pass

Agilent

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

Ch Freq 3.735 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
67.4342 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -22.507 kHz	
<b>x dB Bandwidth</b> 70.420 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.32. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	67.44	70.38	70	Pass

Agilent

Ext Ref

**Ch Freq** 3.75 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst 12.4 dB

Center 3.750 00 GHz Span 140 MHz

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

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

67.4399 MHz **x dB** -26.00 dB

**Transmit Freq Error** -15.157 kHz

**x dB Bandwidth** 70.381 MHz

**Meas Off**

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**Copyright 2000-2012 Agilent Technologies**

**1.33. Occupied Bandwidth for SA\_Part22-24-27(Channel:651000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3765	99	26	1	Peak	67.43	70.37	70	Pass

Agilent

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

Ch Freq 3.765 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.765 00 GHz Span 140 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (700 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
67.4324 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -17.656 kHz	
<b>x dB Bandwidth</b> 70.374 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.34. Occupied Bandwidth for SA\_Part22-24-27(Channel:649000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3735	99	26	1	Peak	67.44	70.41	70	Pass

Agilent

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

Ch Freq 3.735 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.735 00 GHz Span 140 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (700 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
67.4358 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -51.350 kHz	
<b>x dB Bandwidth</b> 70.414 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.35. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	67.43	70.42	70	Pass

Agilent

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

Ch Freq 3.75 GHz
Ext Ref Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.750 00 GHz Span 140 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (700 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
67.4280 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -52.937 kHz	
<b>x dB Bandwidth</b> 70.422 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.36. Occupied Bandwidth for SA\_Part22-24-27(Channel:651000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3765	99	26	1	Peak	67.42	70.44	70	Pass

Agilent

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

Ch Freq 3.765 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.765 00 GHz Span 140 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (700 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
67.4176 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -49.987 kHz	
<b>x dB Bandwidth</b> 70.436 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.73. Occupied Bandwidth for SA\_Part22-24-27(Channel:649334, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3740.01	99	26	1	Peak	77.42	80.46	80	Pass

Agilent

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

Ch Freq 3.74001 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
77.4181 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-47.684 kHz	
<b>x dB Bandwidth</b>	80.457 MHz	

Copyright 2000-2012 Agilent Technologies

**1.74. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	1	Peak	77.36	80.54	80	Pass

Agilent

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

**Ch Freq** 3.84 GHz

**Trig** Free

**Occupied Bandwidth** Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.840 00 GHz Span 160 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (800 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
77.3576 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-48.338 kHz	
<b>x dB Bandwidth</b>	80.539 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.75. Occupied Bandwidth for SA\_Part22-24-27(Channel:662666, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3939.99	99	26	1	Peak	77.39	80.47	80	Pass

Agilent

Measure

Ext Ref

**Ch Freq** 3.93999 GHz **Trig** Free

Occupied Bandwidth Averages: 1

---

Ref 30 dBm #Atten 30 dB

#Peak Ext Ref

Log

10 dB/Offst

13 dB

Center 3.939 99 GHz Span 160 MHz

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

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

**77.3850 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -74.096 kHz

**x dB Bandwidth** 80.469 MHz

Copyright 2000-2012 Agilent Technologies

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**1.76. Occupied Bandwidth for SA\_Part22-24-27(Channel:649334, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3740.01	99	26	1	Peak	77.51	80.46	80	Pass

Agilent

Ext Ref

**Ch Freq** 3.74001 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.4

dB

Center 3.740 01 GHz Span 160 MHz

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

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

**77.5104 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -50.877 kHz

**x dB Bandwidth** 80.459 MHz

**Copyright 2000-2012 Agilent Technologies**

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**1.77. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	1	Peak	77.44	80.46	80	Pass

Agilent

Ext Ref

**Ch Freq** 3.84 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.8

dB

Center 3.840 00 GHz Span 160 MHz

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

**Meas Off**

---

Channel Power

---

Occupied BW

---

ACP

---

Multi Carrier Power

---

Power Stat CCDF

---

More  
1 of 2

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
77.4380 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -54.841 kHz	
<b>x dB Bandwidth</b> 80.456 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.78. Occupied Bandwidth for SA\_Part22-24-27(Channel:662666, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3939.99	99	26	1	Peak	77.56	80.59	80	Pass

Agilent
Measure

Ch Freq 3.93999 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 13 dB

Center 3.939 99 GHz Span 160 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**Occupied Bandwidth**

**77.5571 MHz**

Transmit Freq Error -124.711 kHz

x dB Bandwidth 80.586 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Copyright 2000-2012 Agilent Technologies

**1.79. Occupied Bandwidth for SA\_Part22-24-27(Channel:649334, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3740.01	99	26	1	Peak	77.49	80.61	80	Pass

Agilent

Ext Ref

**Ch Freq** 3.74001 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst 12.4

dB

Center 3.740 01 GHz Span 160 MHz

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

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

**77.4897 MHz** **x dB** -26.00 dB

**Transmit Freq Error** 14.727 kHz

**x dB Bandwidth** 80.614 MHz

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**Copyright 2000-2012 Agilent Technologies**

**1.80. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	1	Peak	77.43	80.5	80	Pass

Agilent
Measure

Ch Freq 3.84 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.840 00 GHz Span 160 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**Occupied Bandwidth**

**77.4271 MHz**

Transmit Freq Error 22.722 kHz

x dB Bandwidth 80.497 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Copyright 2000-2012 Agilent Technologies

**1.81. Occupied Bandwidth for SA\_Part22-24-27(Channel:662666, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3939.99	99	26	1	Peak	77.49	80.54	80	Pass

Agilent

Ext Ref

**Ch Freq** 3.93999 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

13

dB

Center 3.939 99 GHz Span 160 MHz

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

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

**77.4855 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -19.339 kHz

**x dB Bandwidth** 80.543 MHz

**Copyright 2000-2012 Agilent Technologies**

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**1.82. Occupied Bandwidth for SA\_Part22-24-27(Channel:649334, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3740.01	99	26	1	Peak	77.38	80.58	80	Pass

Agilent

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

Ch Freq 3.74001 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.740 01 GHz Span 160 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (800 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
77.3791 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -26.820 kHz	
<b>x dB Bandwidth</b> 80.577 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.83. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	1	Peak	77.32	80.62	80	Pass

Agilent

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

Ch Freq 3.84 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.840 00 GHz Span 160 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (800 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
77.3213 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -21.493 kHz	
<b>x dB Bandwidth</b> 80.620 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.84. Occupied Bandwidth for SA\_Part22-24-27(Channel:662666, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3939.99	99	26	1	Peak	77.35	80.52	80	Pass

Agilent

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

Ch Freq 3.93999 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.939 99 GHz Span 160 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (800 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
77.3520 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -57.188 kHz	
<b>x dB Bandwidth</b> 80.518 MHz	

Copyright 2000-2012 Agilent Technologies

**1.85. Occupied Bandwidth for SA\_Part22-24-27(Channel:649668, 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
3745.02	99	26	1	Peak	87.33	90.66	90	Pass

Agilent

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

Ch Freq 3.74502 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
87.3303 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-38.262 kHz	
<b>x dB Bandwidth</b>	90.658 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.86. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	87.26	90.71	90	Pass

Agilent

Ext Ref

**Ch Freq** 3.84 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.8

dB

Center 3.840 00 GHz Span 180 MHz

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

**Meas Off**

---

Channel Power

---

Occupied BW

---

ACP

---

Multi Carrier Power

---

Power Stat  
CCDF

---

More  
1 of 2

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
87.2612 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -30.123 kHz	
<b>x dB Bandwidth</b> 90.714 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.87. Occupied Bandwidth for SA\_Part22-24-27(Channel:662332, 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
3934.98	99	26	1	Peak	87.3	90.59	90	Pass

Agilent

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

Ch Freq 3.93498 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.93498 GHz Span 180 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
87.3012 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-80.806 kHz	
<b>x dB Bandwidth</b>	90.586 MHz	

Copyright 2000-2012 Agilent Technologies

**1.88. 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	87.37	90.58	90	Pass

Agilent

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

Ch Freq 3.74502 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.745 02 GHz Span 180 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
87.3740 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-138.179 kHz	
<b>x dB Bandwidth</b>	90.575 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.89. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	87.31	90.55	90	Pass

Agilent

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

Ch Freq 3.84 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.840 00 GHz Span 180 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (900 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
87.3135 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -132.764 kHz	
<b>x dB Bandwidth</b> 90.545 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.90. Occupied Bandwidth for SA\_Part22-24-27(Channel:662332, 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
3934.98	99	26	1	Peak	87.35	90.62	90	Pass

Agilent

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

Ch Freq 3.93498 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
87.3473 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-188.932 kHz
<b>x dB Bandwidth</b>	90.620 MHz

**Copyright 2000-2012 Agilent Technologies**

**1.91. 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	87.36	90.72	90	Pass

Agilent

Ext Ref

**Ch Freq** 3.74502 GHz  
 Occupied Bandwidth

**Trig** Free  
 Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.745 02 GHz Span 180 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (900 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>87.3568 MHz</b>	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-80.280 kHz	
<b>x dB Bandwidth</b>	90.721 MHz	

**Copyright 2000-2012 Agilent Technologies**

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**1.92. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	87.3	90.68	90	Pass

Agilent

Measure

Ch Freq 3.84 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.8 dB

Center 3.840 00 GHz Span 180 MHz

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

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

**87.2990 MHz** x dB -26.00 dB

Transmit Freq Error -70.848 kHz

x dB Bandwidth 90.683 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

Copyright 2000-2012 Agilent Technologies

**1.93. Occupied Bandwidth for SA\_Part22-24-27(Channel:662332, 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
3934.98	99	26	1	Peak	87.34	90.69	90	Pass

Agilent

Ext Ref

**Ch Freq** 3.93498 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

13

dB

Center 3.934 98 GHz Span 180 MHz

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

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

**87.3435 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -121.142 kHz

**x dB Bandwidth** 90.694 MHz

**Copyright 2000-2012 Agilent Technologies**

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**1.94. 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	90.65	90	Pass

Agilent
Measure

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)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
87.3591 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -11.114 kHz	
<b>x dB Bandwidth</b> 90.646 MHz	

**Copyright 2000-2012 Agilent Technologies**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**1.95. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	87.31	90.65	90	Pass

Agilent

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

Ch Freq 3.84 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.840 00 GHz Span 180 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (900 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
87.3057 MHz	x dB -26.00 dB
Transmit Freq Error 4.371 kHz	
x dB Bandwidth 90.651 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.96. Occupied Bandwidth for SA\_Part22-24-27(Channel:662332, 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
3934.98	99	26	1	Peak	87.35	90.63	90	Pass

Agilent

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

Ch Freq 3.93498 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.934 98 GHz Span 180 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
87.3543 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-65.171 kHz
<b>x dB Bandwidth</b>	90.630 MHz

**Copyright 2000-2012 Agilent Technologies**

**1.97. 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	97.23	100.79	100	Pass

Agilent

**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

#Peak Log 10 dB/Offst 12.4 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 %

**97.2269 MHz** x dB -26.00 dB

Transmit Freq Error -129.854 kHz

x dB Bandwidth 100.795 MHz

Ext Ref

Ext Ref

**Copyright 2000-2012 Agilent Technologies**

**1.98. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	97.15	100.78	100	Pass

Agilent

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

Ch Freq 3.84 GHz Trig Free

Occupied Bandwidth Averages: 1

---

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.8 dB

Center 3.840 00 GHz Span 200 MHz

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

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

**97.1466 MHz** x dB -26.00 dB

Transmit Freq Error -138.963 kHz

x dB Bandwidth 100.785 MHz

**Copyright 2000-2012 Agilent Technologies**

**1.99. Occupied Bandwidth for SA\_Part22-24-27(Channel:662000, 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
3930	99	26	1	Peak	97.16	100.75	100	Pass

Agilent

Ext Ref

**Ch Freq** 3.93 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

13

dB

Center 3.930 00 GHz Span 200 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
97.1596 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -188.066 kHz	
<b>x dB Bandwidth</b> 100.747 MHz	

**Copyright 2000-2012 Agilent Technologies**

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**1.100. 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	97.18	100.6	100	Pass

Agilent

Ext Ref

**Ch Freq** 3.75 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst 12.4

dB

Center 3.750 00 GHz Span 200 MHz

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

**Meas Off**

---

Channel Power

---

Occupied BW

---

ACP

---

Multi Carrier Power

---

Power Stat CCDF

---

More  
1 of 2

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
97.1832 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -72.856 kHz	
<b>x dB Bandwidth</b> 100.597 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.101. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	97.1	100.52	100	Pass

Agilent

Ext Ref

**Ch Freq** 3.84 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.8

dB

Center 3.840 00 GHz Span 200 MHz

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

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

**97.0976 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -49.626 kHz

**x dB Bandwidth** 100.525 MHz

**Copyright 2000-2012 Agilent Technologies**

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**1.102. Occupied Bandwidth for SA\_Part22-24-27(Channel:662000, 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
3930	99	26	1	Peak	97.14	100.56	100	Pass

Agilent

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

Ch Freq 3.93 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.930 00 GHz Span 200 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
97.1380 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-113.872 kHz
<b>x dB Bandwidth</b>	100.560 MHz

**Copyright 2000-2012 Agilent Technologies**

**1.103. 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	100.77	100	Pass

Agilent

**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

Center 3.750 00 GHz
Span 200 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
97.3633 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 42.592 kHz	
<b>x dB Bandwidth</b> 100.772 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.104. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	97.32	100.74	100	Pass

Agilent
Measure

Ch Freq 3.84 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.840 00 GHz Span 200 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (1000 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
97.3238 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 55.801 kHz	
<b>x dB Bandwidth</b> 100.741 MHz	

**Copyright 2000-2012 Agilent Technologies**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**1.105. Occupied Bandwidth for SA\_Part22-24-27(Channel:662000, 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
3930	99	26	1	Peak	97.34	100.77	100	Pass

Agilent

Ext Ref

**Ch Freq** 3.93 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

13

dB

Center 3.930 00 GHz Span 200 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
97.3447 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -5.852 kHz	
<b>x dB Bandwidth</b> 100.773 MHz	

**Copyright 2000-2012 Agilent Technologies**

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**1.106. 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	97.33	100.63	100	Pass

Agilent

Ext Ref

**Ch Freq** 3.75 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.4

dB

Center 3.750 00 GHz Span 200 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
97.3348 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -52.419 kHz	
<b>x dB Bandwidth</b> 100.630 MHz	

**Copyright 2000-2012 Agilent Technologies**

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**1.107. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, 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
3840	99	26	1	Peak	97.3	100.64	100	Pass

Agilent

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

Ch Freq 3.84 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.840 00 GHz Span 200 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (1000 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
97.3049 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-46.395 kHz	
<b>x dB Bandwidth</b>	100.643 MHz	

**Copyright 2000-2012 Agilent Technologies**

**1.108. Occupied Bandwidth for SA\_Part22-24-27(Channel:662000, 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
3930	99	26	1	Peak	97.32	100.68	100	Pass

Agilent

Ext Ref

**Ch Freq** 3.93 GHz Trig Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak

Log

10 dB/Offst

13 dB

Center 3.930 00 GHz Span 200 MHz

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

**Meas Off**

---

Channel Power

---

Occupied BW

---

ACP

---

Multi Carrier Power

---

Power Stat CCDF

---

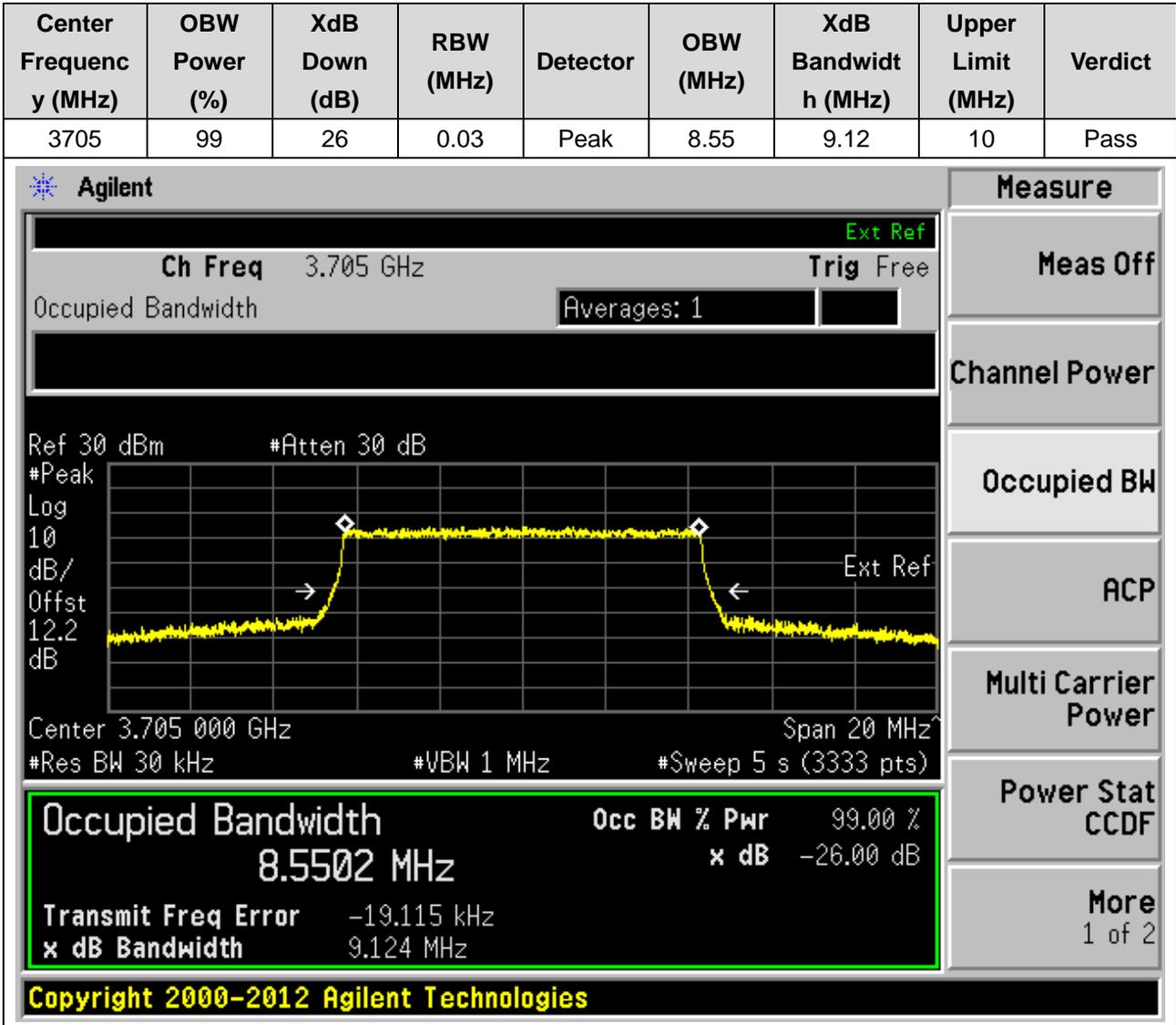
More  
1 of 2

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
97.3179 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-109.529 kHz
<b>x dB Bandwidth</b>	100.677 MHz

**Copyright 2000-2012 Agilent Technologies**

## 2. n78(3700-3800)

### 2.1. Occupied Bandwidth for SA\_Part22-24-27(Channel:647000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:24, RB Position:0)



2.2. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	0.03	Peak	8.56	9.07	10	Pass

Agilent

Measure

Ch Freq 3.75 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.750 000 GHz 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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
8.5556 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>	-20.277 kHz	
<b>x dB Bandwidth</b>	9.066 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.3. Occupied Bandwidth for SA\_Part22-24-27(Channel:653000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:24, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3795	99	26	0.03	Peak	8.55	9.15	10	Pass

Agilent

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

Ch Freq 3.795 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.795 000 GHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
8.5511 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-20.628 kHz
<b>x dB Bandwidth</b>	9.151 MHz

**Copyright 2000-2012 Agilent Technologies**

2.4. Occupied Bandwidth for SA\_Part22-24-27(Channel:647000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3705	99	26	0.03	Peak	8.56	9.07	10	Pass

Agilent
Measure

Ch Freq 3.705 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.2 dB

Center 3.705 000 GHz Span 20 MHz

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

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

**8.5577 MHz** x dB -26.00 dB

Transmit Freq Error -14.808 kHz

x dB Bandwidth 9.068 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Copyright 2000-2012 Agilent Technologies

2.5. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	0.03	Peak	8.56	9.05	10	Pass

Agilent

**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

Center 3.750 000 GHz Span 20 MHz  
 #Res BW 30 kHz #VBW 1 MHz #Sweep 5 s (3333 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
8.5571 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-20.607 kHz
<b>x dB Bandwidth</b>	9.047 MHz

**Copyright 2000-2012 Agilent Technologies**

2.6. Occupied Bandwidth for SA\_Part22-24-27(Channel:653000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3795	99	26	0.03	Peak	8.56	9.05	10	Pass

**Agilent**

Ch Freq 3.795 GHz      Trig Free

Occupied Bandwidth      Averages: 1

Ref 30 dBm      #Atten 30 dB

#Peak Log 10 dB/Offst 12.6 dB

Center 3.795 000 GHz      Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
8.5618 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-18.028 kHz	
<b>x dB Bandwidth</b>	9.046 MHz	

**Copyright 2000-2012 Agilent Technologies**

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

2.7. Occupied Bandwidth for SA\_Part22-24-27(Channel:647000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3705	99	26	0.03	Peak	8.57	9.14	10	Pass

Agilent
Measure

Ch Freq 3.705 GHz Trig Free

Occupied Bandwidth Averages: 1

Ext Ref

Ref 30 dBm #Atten 30 dB

Center 3.705 000 GHz Span 20 MHz

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

**Occupied Bandwidth**

**8.5672 MHz**

Transmit Freq Error -14.283 kHz

x dB Bandwidth 9.141 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Power Stat CCDF

More 1 of 2

Copyright 2000-2012 Agilent Technologies

2.8. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	0.03	Peak	8.56	9.13	10	Pass

Agilent
Measure

Ch Freq 3.75 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.4 dB

Center 3.750 000 GHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
8.5625 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>		-18.758 kHz
<b>x dB Bandwidth</b>		9.134 MHz

Copyright 2000-2012 Agilent Technologies
More 1 of 2

**2.9. Occupied Bandwidth for SA\_Part22-24-27(Channel:653000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:24, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3795	99	26	0.03	Peak	8.56	9.11	10	Pass

Agilent

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

Ch Freq 3.795 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
8.5605 MHz	<b>x dB</b> -26.00 dB
<b>Transmit Freq Error</b>	-19.003 kHz
<b>x dB Bandwidth</b>	9.106 MHz

Copyright 2000-2012 Agilent Technologies

**2.10. Occupied Bandwidth for SA\_Part22-24-27(Channel:647000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:24, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3705	99	26	0.03	Peak	8.56	9.11	10	Pass

Agilent

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

Ch Freq 3.705 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.705 000 GHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
8.5622 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>		-16.370 kHz
<b>x dB Bandwidth</b>		9.106 MHz

**Copyright 2000-2012 Agilent Technologies**

**2.11. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:24, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	0.03	Peak	8.56	9.06	10	Pass

Agilent

**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

#Peak Log 10 dB/ Offst 12.4 dB

Center 3.750 000 GHz Span 20 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
8.5617 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-18.277 kHz
<b>x dB Bandwidth</b>	9.058 MHz

**Copyright 2000-2012 Agilent Technologies**

**2.12. Occupied Bandwidth for SA\_Part22-24-27(Channel:653000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:24, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3795	99	26	0.03	Peak	8.56	9.08	10	Pass

Agilent

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

Ch Freq 3.795 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.6 dB

Center 3.795 000 GHz Span 20 MHz

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

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

**8.5644 MHz** x dB -26.00 dB

Transmit Freq Error -17.663 kHz

x dB Bandwidth 9.084 MHz

Copyright 2000-2012 Agilent Technologies

**2.13. Occupied Bandwidth for SA\_Part22-24-27(Channel:647168, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3707.52	99	26	0.03	Peak	13.55	14.17	15	Pass

Agilent

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

Ch Freq 3.70752 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.707 520 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
13.5456 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -17.045 kHz	
<b>x dB Bandwidth</b> 14.167 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.14. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	0.03	Peak	13.55	14.15	15	Pass

Agilent

**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

Center 3.750 000 GHz Span 30 MHz  
 #Res BW 30 kHz #VBW 1 MHz #Sweep 5 s (5000 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
13.5471 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -18.881 kHz	
<b>x dB Bandwidth</b> 14.155 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.15. Occupied Bandwidth for SA\_Part22-24-27(Channel:652832, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3792.48	99	26	0.03	Peak	13.54	14.19	15	Pass

Agilent

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

Ch Freq 3.79248 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.792 480 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
13.5414 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -14.695 kHz	
<b>x dB Bandwidth</b> 14.191 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.16. Occupied Bandwidth for SA\_Part22-24-27(Channel:647168, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3707.52	99	26	0.03	Peak	13.56	14.2	15	Pass

Agilent

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

Ch Freq 3.70752 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.707 520 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
13.5585 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -19.185 kHz	
<b>x dB Bandwidth</b> 14.198 MHz	

Copyright 2000-2012 Agilent Technologies

**2.17. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	0.03	Peak	13.57	14.22	15	Pass

Agilent

**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

#Peak Log 10 dB/ Offst 12.4 dB

Center 3.750 000 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
13.5717 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -15.807 kHz	
<b>x dB Bandwidth</b> 14.216 MHz	

Copyright 2000-2012 Agilent Technologies

**2.18. Occupied Bandwidth for SA\_Part22-24-27(Channel:652832, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3792.48	99	26	0.03	Peak	13.56	14.18	15	Pass

Agilent
Measure

Ch Freq 3.79248 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.6 dB

Ext Ref

Center 3.792 480 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
13.559 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -18.050 kHz	
<b>x dB Bandwidth</b> 14.177 MHz	

**More**  
1 of 2

**Copyright 2000-2012 Agilent Technologies**

**2.19. Occupied Bandwidth for SA\_Part22-24-27(Channel:647168, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3707.52	99	26	0.03	Peak	13.56	14.11	15	Pass

Agilent

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

Ch Freq 3.70752 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.707 520 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
<b>13.5569 MHz</b>	<b>x dB</b> -26.00 dB
<b>Transmit Freq Error</b> -23.736 kHz	
<b>x dB Bandwidth</b> 14.111 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.20. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	0.03	Peak	13.57	14.18	15	Pass

Agilent

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

Ch Freq 3.75 GHz
Ext Ref Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.750 000 GHz Span 30 MHz  
#Res BW 30 kHz #VBW 1 MHz #Sweep 5 s (5000 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
13.5706 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -16.080 kHz	
<b>x dB Bandwidth</b> 14.182 MHz	

Copyright 2000-2012 Agilent Technologies

**2.21. Occupied Bandwidth for SA\_Part22-24-27(Channel:652832, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3792.48	99	26	0.03	Peak	13.55	14.13	15	Pass

Agilent

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

Ch Freq 3.79248 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.6 dB

Center 3.792 480 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
<b>13.5513 MHz</b>	<b>x dB</b> -26.00 dB
<b>Transmit Freq Error</b> -24.875 kHz	
<b>x dB Bandwidth</b> 14.132 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.22. Occupied Bandwidth for SA\_Part22-24-27(Channel:647168, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3707.52	99	26	0.03	Peak	13.57	14.15	15	Pass

Agilent

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

Ch Freq 3.70752 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.707 520 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
13.5673 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -18.933 kHz	
<b>x dB Bandwidth</b> 14.148 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.23. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	0.03	Peak	13.56	14.17	15	Pass

Agilent

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

Ch Freq 3.75 GHz
Ext Ref Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.750 000 GHz Span 30 MHz  
 #Res BW 30 kHz #VBW 1 MHz #Sweep 5 s (5000 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
13.5625 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -21.834 kHz	
<b>x dB Bandwidth</b> 14.172 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.24. Occupied Bandwidth for SA\_Part22-24-27(Channel:652832, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:38, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3792.48	99	26	0.03	Peak	13.56	14.13	15	Pass

Agilent

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

Ch Freq 3.79248 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.792 480 GHz Span 30 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
13.5632 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -21.962 kHz	
<b>x dB Bandwidth</b> 14.130 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.25. Occupied Bandwidth for SA\_Part22-24-27(Channel:647334, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3710.01	99	26	0.03	Peak	18.17	18.75	20	Pass

Agilent

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

Ch Freq 3.71001 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.710 010 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
18.1681 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -14.523 kHz	
<b>x dB Bandwidth</b> 18.754 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.26. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	0.03	Peak	18.17	18.8	20	Pass

Agilent

Ext Ref

**Ch Freq** 3.75 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.4

dB

Center 3.750 000 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
18.1740 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -16.709 kHz	
<b>x dB Bandwidth</b> 18.804 MHz	

**Copyright 2000-2012 Agilent Technologies**

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**2.27. Occupied Bandwidth for SA\_Part22-24-27(Channel:652666, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3789.99	99	26	0.03	Peak	18.17	18.82	20	Pass

Agilent

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

Ch Freq 3.78999 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.789 990 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
18.1682 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-11.333 kHz
<b>x dB Bandwidth</b>	18.820 MHz

**Copyright 2000-2012 Agilent Technologies**

**2.28. Occupied Bandwidth for SA\_Part22-24-27(Channel:647334, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3710.01	99	26	0.03	Peak	18.17	18.77	20	Pass

Agilent

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

Ch Freq 3.71001 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.710 010 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
18.1748 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -12.803 kHz	
<b>x dB Bandwidth</b> 18.773 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.29. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	0.03	Peak	18.18	18.8	20	Pass

Agilent

**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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
18.1770 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-19.354 kHz	
<b>x dB Bandwidth</b>	18.801 MHz	

Copyright 2000-2012 Agilent Technologies

**2.30. Occupied Bandwidth for SA\_Part22-24-27(Channel:652666, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3789.99	99	26	0.03	Peak	18.18	18.78	20	Pass

Agilent

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

Ch Freq 3.78999 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.789 990 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
18.1812 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -8.701 kHz	
<b>x dB Bandwidth</b> 18.784 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.31. Occupied Bandwidth for SA\_Part22-24-27(Channel:647334, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3710.01	99	26	0.03	Peak	18.19	18.78	20	Pass

Agilent

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

Ch Freq 3.71001 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.710 010 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
18.1858 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -12.823 kHz	
<b>x dB Bandwidth</b> 18.784 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.32. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	0.03	Peak	18.17	18.74	20	Pass

Agilent

Measure

Ch Freq 3.75 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.750 000 GHz Span 40 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**Occupied Bandwidth**

18.1686 MHz

Transmit Freq Error -14.519 kHz

x dB Bandwidth 18.737 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Copyright 2000-2012 Agilent Technologies

**2.33. Occupied Bandwidth for SA\_Part22-24-27(Channel:652666, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3789.99	99	26	0.03	Peak	18.18	18.74	20	Pass

Agilent

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

Ch Freq 3.78999 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.789 990 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
18.1758 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -14.587 kHz	
<b>x dB Bandwidth</b> 18.738 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.34. Occupied Bandwidth for SA\_Part22-24-27(Channel:647334, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3710.01	99	26	0.03	Peak	18.15	18.75	20	Pass

Agilent

Measure

Ch Freq 3.71001 GHz Trig Free

Occupied Bandwidth Averages: 1

Ext Ref

Ref 30 dBm #Atten 30 dB

Center 3.710 010 GHz Span 40 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
18.1499 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>	-14.372 kHz	
<b>x dB Bandwidth</b>	18.745 MHz	

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**Copyright 2000-2012 Agilent Technologies**

**2.35. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	0.03	Peak	18.16	18.83	20	Pass

Agilent

Measure

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 3.750 000 GHz
Span 40 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
18.1561 MHz	x dB	-26.00 dB
Transmit Freq Error	-9.293 kHz	
x dB Bandwidth	18.827 MHz	

Power Stat CCDF
More 1 of 2

Copyright 2000-2012 Agilent Technologies

**2.36. Occupied Bandwidth for SA\_Part22-24-27(Channel:652666, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:51, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3789.99	99	26	0.03	Peak	18.16	18.73	20	Pass

Agilent

Measure

Ch Freq 3.78999 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.789 990 GHz Span 40 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**Occupied Bandwidth**

18.1572 MHz

Transmit Freq Error -11.742 kHz

x dB Bandwidth 18.730 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Copyright 2000-2012 Agilent Technologies

2.1. Occupied Bandwidth for SA\_Part22-24-27(Channel:647500, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:65, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3712.5	99	26	1	Peak	23.58	25.64	25	Pass

Agilent

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

Ch Freq 3.7125 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.712 500 GHz Span 50 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
23.5770 MHz	x dB	-26.00 dB
<b>Transmit Freq Error</b>	-20.722 kHz	
<b>x dB Bandwidth</b>	25.643 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.2. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:65, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	1	Peak	23.59	25.66	25	Pass

Agilent

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

Ch Freq 3.84 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.840 000 GHz Span 50 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
23.5946 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -36.103 kHz	
<b>x dB Bandwidth</b> 25.658 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.3. Occupied Bandwidth for SA\_Part22-24-27(Channel:664500, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:65, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3967.5	99	26	1	Peak	23.6	25.71	25	Pass

Agilent

Ext Ref

**Ch Freq** 3.9675 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

13.1

dB

Center 3.967 500 GHz Span 50 MHz

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

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

23.6000 MHz **x dB** -26.00 dB

**Transmit Freq Error** -22.809 kHz

**x dB Bandwidth** 25.707 MHz

**Meas Off**

Channel Power

**Occupied BW**

ACP

Multi Carrier Power

Power Stat CCDF

**More**  
1 of 2

**Copyright 2000-2012 Agilent Technologies**

Document No:BL-SZ2560099

Page 1962 of 2128

2.4. Occupied Bandwidth for SA\_Part22-24-27(Channel:647500, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:65, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3712.5	99	26	1	Peak	23.7	25.79	25	Pass

Agilent
Measure

Ch Freq 3.7125 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.712 500 GHz Span 50 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
23.7010 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -17.592 kHz	
<b>x dB Bandwidth</b> 25.788 MHz	

Copyright 2000-2012 Agilent Technologies

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**2.5. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:65, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	1	Peak	23.68	25.8	25	Pass

Agilent

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

Ch Freq 3.84 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.840 000 GHz Span 50 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
23.6849 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -36.589 kHz	
<b>x dB Bandwidth</b> 25.805 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.6. Occupied Bandwidth for SA\_Part22-24-27(Channel:664500, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:65, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3967.5	99	26	1	Peak	23.7	25.73	25	Pass

Agilent

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

Ch Freq 3.9675 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.967 500 GHz Span 50 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
23.6997 MHz	<b>x dB</b>	-26.00 dB
Transmit Freq Error	-26.487 kHz	
x dB Bandwidth	25.727 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.7. Occupied Bandwidth for SA\_Part22-24-27(Channel:647500, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:65, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3712.5	99	26	1	Peak	23.72	25.74	25	Pass

Agilent

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

Ch Freq 3.7125 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.712 500 GHz Span 50 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
23.7179 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -90.835 kHz	
<b>x dB Bandwidth</b> 25.738 MHz	

**Copyright 2000-2012 Agilent Technologies**

2.8. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:65, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	1	Peak	23.72	25.73	25	Pass

Agilent

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

Ch Freq 3.84 GHz
Ext Ref Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.840 000 GHz Span 50 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
23.7215 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -100.370 kHz	
<b>x dB Bandwidth</b> 25.734 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.9. Occupied Bandwidth for SA\_Part22-24-27(Channel:664500, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:65, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3967.5	99	26	1	Peak	23.72	25.74	25	Pass

Agilent

Measure

Ch Freq 3.9675 GHz Trig Free

Occupied Bandwidth Averages: 1

Ext Ref

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

Ref 30 dBm #Atten 30 dB

Center 3.967 500 GHz Span 50 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
23.7243 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-93.306 kHz	
<b>x dB Bandwidth</b>	25.742 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.10. Occupied Bandwidth for SA\_Part22-24-27(Channel:647500, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:65, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3712.5	99	26	1	Peak	23.57	25.7	25	Pass

Agilent

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

Ch Freq 3.7125 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.712 500 GHz Span 50 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
23.5735 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -42.463 kHz	
<b>x dB Bandwidth</b> 25.705 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.11. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:65, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	1	Peak	23.57	25.67	25	Pass

Agilent

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

Ch Freq 3.84 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.840 000 GHz Span 50 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
23.5726 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-52.744 kHz
<b>x dB Bandwidth</b>	25.674 MHz

**Copyright 2000-2012 Agilent Technologies**

**2.12. Occupied Bandwidth for SA\_Part22-24-27(Channel:664500, Bandwidth:25, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:65, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3967.5	99	26	1	Peak	23.57	25.7	25	Pass

Agilent

Measure

Ch Freq 3.9675 GHz Trig Free

Occupied Bandwidth Averages: 1

Ext Ref

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

Ref 30 dBm #Atten 30 dB

Center 3.967 500 GHz Span 50 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
23.5714 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -43.344 kHz	
<b>x dB Bandwidth</b> 25.699 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.13. Occupied Bandwidth for SA\_Part22-24-27(Channel:647668, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3715.02	99	26	1	Peak	28.11	30.48	30	Pass

Agilent

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

Ch Freq 3.71502 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.715 02 GHz Span 60 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
28.1062 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 7.779 kHz	
<b>x dB Bandwidth</b> 30.483 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.14. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	1	Peak	28.09	30.49	30	Pass

Agilent

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

Ch Freq 3.84 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.840 00 GHz Span 60 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
28.0889 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 1.954 kHz	
<b>x dB Bandwidth</b> 30.495 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.15. Occupied Bandwidth for SA\_Part22-24-27(Channel:664332, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3964.98	99	26	1	Peak	28.11	30.51	30	Pass

Agilent

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

Ch Freq 3.96498 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.964 98 GHz Span 60 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
28.1074 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 2.233 kHz	
<b>x dB Bandwidth</b> 30.514 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.16. Occupied Bandwidth for SA\_Part22-24-27(Channel:647668, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3715.02	99	26	1	Peak	28.22	30.45	30	Pass

Agilent
Measure

Ch Freq 3.71502 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.715 02 GHz Span 60 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
28.2194 MHz	x dB -26.00 dB
Transmit Freq Error 48.533 Hz	
x dB Bandwidth 30.449 MHz	

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

**Copyright 2000-2012 Agilent Technologies**

**2.17. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	1	Peak	28.21	30.46	30	Pass

Agilent

Measure

Ch Freq 3.84 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.840 00 GHz Span 60 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**Occupied Bandwidth**

28.2076 MHz

Transmit Freq Error -3.278 kHz

x dB Bandwidth 30.458 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Copyright 2000-2012 Agilent Technologies

**2.18. Occupied Bandwidth for SA\_Part22-24-27(Channel:664332, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3964.98	99	26	1	Peak	28.22	30.5	30	Pass

Agilent

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

Ch Freq 3.96498 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.964 98 GHz Span 60 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
28.2230 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -2.287 kHz	
<b>x dB Bandwidth</b> 30.502 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.19. Occupied Bandwidth for SA\_Part22-24-27(Channel:647668, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3715.02	99	26	1	Peak	28.11	30.47	30	Pass

Agilent

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

Ch Freq 3.71502 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.715 02 GHz Span 60 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
28.1095 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -30.717 kHz	
<b>x dB Bandwidth</b> 30.472 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.20. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	1	Peak	28.1	30.45	30	Pass

Agilent

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

Ch Freq 3.84 GHz
Ext Ref Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.840 00 GHz Span 60 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
28.0969 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-36.947 kHz
<b>x dB Bandwidth</b>	30.454 MHz

**Copyright 2000-2012 Agilent Technologies**

**2.21. Occupied Bandwidth for SA\_Part22-24-27(Channel:664332, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3964.98	99	26	1	Peak	28.12	30.5	30	Pass

Agilent

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

Ch Freq 3.96498 GHz Trig Free

Occupied Bandwidth Averages: 1

---

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 13.1 dB

Center 3.964 98 GHz Span 60 MHz

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

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

28.1216 MHz x dB -26.00 dB

Transmit Freq Error -34.618 kHz

x dB Bandwidth 30.500 MHz

Ext Ref

**Copyright 2000-2012 Agilent Technologies**

**2.22. Occupied Bandwidth for SA\_Part22-24-27(Channel:647668, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3715.02	99	26	1	Peak	28.17	30.65	30	Pass

Agilent

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

Ch Freq 3.71502 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.715 02 GHz Span 60 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
28.1672 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -21.841 kHz	
<b>x dB Bandwidth</b> 30.655 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.23. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	1	Peak	28.15	30.62	30	Pass

Agilent

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

Ch Freq 3.84 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.840 00 GHz Span 60 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
28.1527 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-22.514 kHz	
<b>x dB Bandwidth</b>	30.619 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.24. Occupied Bandwidth for SA\_Part22-24-27(Channel:664332, Bandwidth:30, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:78, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3964.98	99	26	1	Peak	28.15	30.6	30	Pass

Agilent

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

Ch Freq 3.96498 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.964 98 GHz Span 60 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
28.1516 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-13.375 kHz
<b>x dB Bandwidth</b>	30.597 MHz

**Copyright 2000-2012 Agilent Technologies**

**2.37. Occupied Bandwidth for SA\_Part22-24-27(Channel:648000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3720	99	26	1	Peak	37.98	40.94	40	Pass

Agilent

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

Ch Freq 3.72 GHz
Ext Ref Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.720 0 GHz Span 80 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

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

**37.9814 MHz** x dB -26.00 dB

Transmit Freq Error -15.230 kHz

x dB Bandwidth 40.937 MHz

**Copyright 2000-2012 Agilent Technologies**

**2.38. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	38	40.66	40	Pass

Agilent

**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

Center 3.750 0 GHz Span 80 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
37.9990 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -7.682 kHz	
<b>x dB Bandwidth</b> 40.665 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.39. Occupied Bandwidth for SA\_Part22-24-27(Channel:652000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3780	99	26	1	Peak	37.97	40.81	40	Pass

Agilent

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

Ch Freq 3.78 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.780 0 GHz Span 80 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
37.9715 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-18.392 kHz	
<b>x dB Bandwidth</b>	40.807 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.40. Occupied Bandwidth for SA\_Part22-24-27(Channel:648000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3720	99	26	1	Peak	38.01	40.64	40	Pass

Agilent

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

Ch Freq 3.72 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.7200 GHz Span 80 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
38.0125 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-42.919 kHz
<b>x dB Bandwidth</b>	40.642 MHz

**Copyright 2000-2012 Agilent Technologies**

**2.41. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	38.02	40.64	40	Pass

Agilent

Measure

Ch Freq 3.75 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.7500 GHz Span 80 MHz

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

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

**38.0174 MHz** x dB -26.00 dB

Transmit Freq Error -39.400 kHz

x dB Bandwidth 40.641 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**Copyright 2000-2012 Agilent Technologies**

**2.42. Occupied Bandwidth for SA\_Part22-24-27(Channel:652000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3780	99	26	1	Peak	37.99	40.62	40	Pass

Agilent

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

Ch Freq 3.78 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.780 0 GHz Span 80 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
37.9889 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-36.023 kHz
<b>x dB Bandwidth</b>	40.619 MHz

**Copyright 2000-2012 Agilent Technologies**

**2.43. Occupied Bandwidth for SA\_Part22-24-27(Channel:648000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3720	99	26	1	Peak	38.09	40.69	40	Pass

Agilent

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

Ch Freq 3.72 GHz
Ext Ref Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.7200 GHz Span 80 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
38.0912 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -40.972 kHz	
<b>x dB Bandwidth</b> 40.687 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.44. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	38.09	40.65	40	Pass

Agilent

Measure

Ch Freq 3.75 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.4 dB

Center 3.750 0 GHz Span 80 MHz

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

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

**38.0908 MHz** x dB -26.00 dB

Transmit Freq Error -31.857 kHz

x dB Bandwidth 40.654 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**Copyright 2000-2012 Agilent Technologies**

**2.45. Occupied Bandwidth for SA\_Part22-24-27(Channel:652000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3780	99	26	1	Peak	38.07	40.64	40	Pass

Agilent

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

Ch Freq 3.78 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.7800 GHz Span 80 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
38.0681 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-31.495 kHz	
<b>x dB Bandwidth</b>	40.641 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.46. Occupied Bandwidth for SA\_Part22-24-27(Channel:648000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3720	99	26	1	Peak	37.98	40.66	40	Pass

Agilent

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

Ch Freq 3.72 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.7200 GHz Span 80 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
37.9778 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -23.767 kHz	
<b>x dB Bandwidth</b> 40.661 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.47. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	37.97	40.69	40	Pass

Agilent

Ext Ref

**Ch Freq** 3.75 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.4

dB

Center 3.750 0 GHz

Span 80 MHz

#Res BW 1 MHz

#VBW 3 MHz

#Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
37.9698 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 1.050 kHz	
<b>x dB Bandwidth</b> 40.693 MHz	

**Copyright 2000-2012 Agilent Technologies**

**Meas Off**

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**2.48. Occupied Bandwidth for SA\_Part22-24-27(Channel:652000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3780	99	26	1	Peak	37.95	40.7	40	Pass

Agilent

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

Ch Freq 3.78 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.780 0 GHz Span 80 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
37.9476 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 5.065 kHz	
<b>x dB Bandwidth</b> 40.696 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.49. Occupied Bandwidth for SA\_Part22-24-27(Channel:648334, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3725.01	99	26	1	Peak	47.56	50.37	50	Pass

Agilent

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

Ch Freq 3.72501 GHz Trig Free

Occupied Bandwidth Averages: 1

---

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.2

dB

Center 3.725 01 GHz Span 100 MHz

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

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

**47.5555 MHz** x dB -26.00 dB

Transmit Freq Error -23.289 kHz

x dB Bandwidth 50.366 MHz

**Copyright 2000-2012 Agilent Technologies**

**2.50. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	47.55	50.39	50	Pass

Agilent

**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

Center 3.750 00 GHz Span 100 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
47.5532 MHz	<b>x dB</b>	-26.00 dB
Transmit Freq Error	-14.176 kHz	
x dB Bandwidth	50.391 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.51. Occupied Bandwidth for SA\_Part22-24-27(Channel:651666, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3774.99	99	26	1	Peak	47.55	50.43	50	Pass

Agilent

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

Ch Freq 3.77499 GHz Trig Free

Occupied Bandwidth Averages: 1

---

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.5

dB

Center 3.774 99 GHz Span 100 MHz

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

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

**47.5458 MHz** x dB -26.00 dB

Transmit Freq Error -9.573 kHz

x dB Bandwidth 50.429 MHz

**Copyright 2000-2012 Agilent Technologies**

**2.52. Occupied Bandwidth for SA\_Part22-24-27(Channel:648334, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3725.01	99	26	1	Peak	47.58	50.41	50	Pass

Agilent

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

**Ch Freq** 3.72501 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.725 01 GHz Span 100 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
47.5763 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 17.621 kHz	
<b>x dB Bandwidth</b> 50.408 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.53. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	47.58	50.36	50	Pass

Agilent

Ext Ref

**Ch Freq** 3.75 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.4

dB

Center 3.750 00 GHz Span 100 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
47.5848 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	36.238 kHz	
<b>x dB Bandwidth</b>	50.361 MHz	

**Copyright 2000-2012 Agilent Technologies**

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**2.54. Occupied Bandwidth for SA\_Part22-24-27(Channel:651666, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3774.99	99	26	1	Peak	47.56	50.44	50	Pass

Agilent

Ext Ref

**Ch Freq** 3.77499 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.5

dB

Center 3.774 99 GHz Span 100 MHz

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

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

47.5574 MHz **x dB** -26.00 dB

**Transmit Freq Error** 29.212 kHz

**x dB Bandwidth** 50.444 MHz

**Meas Off**

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**Copyright 2000-2012 Agilent Technologies**

Document No:BL-SZ2560099

Page 2001 of 2128

**2.55. Occupied Bandwidth for SA\_Part22-24-27(Channel:648334, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3725.01	99	26	1	Peak	47.68	50.37	50	Pass

Agilent

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

Ch Freq 3.72501 GHz Trig Free

Occupied Bandwidth Averages: 1

---

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.2 dB

Center 3.725 01 GHz Span 100 MHz

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

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

**47.6786 MHz** x dB -26.00 dB

Transmit Freq Error -94.948 kHz

x dB Bandwidth 50.369 MHz

Ext Ref

**Copyright 2000-2012 Agilent Technologies**

**2.56. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	47.69	50.49	50	Pass

Agilent

Ext Ref

**Ch Freq** 3.75 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst 12.4

dB

Center 3.750 00 GHz Span 100 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
47.6912 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-84.493 kHz	
<b>x dB Bandwidth</b>	50.489 MHz	

**Copyright 2000-2012 Agilent Technologies**

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More

1 of 2

**2.57. Occupied Bandwidth for SA\_Part22-24-27(Channel:651666, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3774.99	99	26	1	Peak	47.67	50.44	50	Pass

Agilent

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

**Ch Freq** 3.77499 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.774 99 GHz Span 100 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
47.6691 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-88.458 kHz	
<b>x dB Bandwidth</b>	50.437 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.58. Occupied Bandwidth for SA\_Part22-24-27(Channel:648334, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3725.01	99	26	1	Peak	47.53	50.26	50	Pass

Agilent

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

Ch Freq 3.72501 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.2 dB

Center 3.725 01 GHz Span 100 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
47.5333 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	625.217 Hz	
<b>x dB Bandwidth</b>	50.263 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.59. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	47.54	50.36	50	Pass

Agilent

**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

Center 3.750 00 GHz Span 100 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (500 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
47.5363 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 11.420 kHz	
<b>x dB Bandwidth</b> 50.358 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.60. Occupied Bandwidth for SA\_Part22-24-27(Channel:651666, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3774.99	99	26	1	Peak	47.52	50.28	50	Pass

Agilent
Measure

Ch Freq 3.77499 GHz Trig Free

Occupied Bandwidth Averages: 1

Ext Ref

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Ref 30 dBm #Atten 30 dB

Center 3.774 99 GHz Span 100 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
47.5220 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 7.736 kHz	
<b>x dB Bandwidth</b> 50.276 MHz	

Copyright 2000-2012 Agilent Technologies

**2.61. Occupied Bandwidth for SA\_Part22-24-27(Channel:648668, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3730.02	99	26	1	Peak	57.76	60.65	60	Pass

Agilent

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

Ch Freq 3.73002 GHz Trig Free

Occupied Bandwidth Averages: 1

---

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.3 dB

Center 3.730 02 GHz Span 120 MHz

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

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

**57.7600 MHz** x dB -26.00 dB

Transmit Freq Error -45.876 kHz

x dB Bandwidth 60.647 MHz

Ext Ref

**Copyright 2000-2012 Agilent Technologies**

**2.62. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	57.77	60.69	60	Pass

Agilent

**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

Center 3.750 00 GHz Span 120 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (600 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
57.7695 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -22.745 kHz	
<b>x dB Bandwidth</b> 60.687 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.63. Occupied Bandwidth for SA\_Part22-24-27(Channel:651332, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3769.98	99	26	1	Peak	57.75	60.73	60	Pass

Agilent

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

Ch Freq 3.76998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
57.7473 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -25.679 kHz	
<b>x dB Bandwidth</b> 60.732 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.64. Occupied Bandwidth for SA\_Part22-24-27(Channel:648668, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3730.02	99	26	1	Peak	57.77	60.61	60	Pass

Agilent

Ext Ref

**Ch Freq** 3.73002 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.3

dB

Center 3.730 02 GHz Span 120 MHz

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

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

57.7699 MHz **x dB** -26.00 dB

**Transmit Freq Error** -62.879 kHz

**x dB Bandwidth** 60.607 MHz

**Copyright 2000-2012 Agilent Technologies**

**Meas Off**

---

**Channel Power**

---

**Occupied BW**

---

**ACP**

---

**Multi Carrier Power**

---

**Power Stat CCDF**

---

**More**  
1 of 2

**2.65. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	57.78	60.61	60	Pass

Agilent

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

Ch Freq 3.75 GHz
Ext Ref Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.750 00 GHz Span 120 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (600 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
57.7826 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-46.142 kHz
<b>x dB Bandwidth</b>	60.606 MHz

**Copyright 2000-2012 Agilent Technologies**

**2.66. Occupied Bandwidth for SA\_Part22-24-27(Channel:651332, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3769.98	99	26	1	Peak	57.76	60.62	60	Pass

Agilent

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

Ch Freq 3.76998 GHz Trig Free

Occupied Bandwidth Averages: 1

---

Ref 30 dBm #Atten 30 dB

#Peak Ext Ref

Log

10

dB/

Offst

12.5

dB

Center 3.769 98 GHz Span 120 MHz

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

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

**57.7650 MHz** x dB -26.00 dB

Transmit Freq Error -48.061 kHz

x dB Bandwidth 60.617 MHz

Copyright 2000-2012 Agilent Technologies

**2.67. Occupied Bandwidth for SA\_Part22-24-27(Channel:648668, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3730.02	99	26	1	Peak	58.03	60.72	60	Pass

Agilent

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

Ch Freq 3.73002 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.730 02 GHz Span 120 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
58.0309 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-145.652 kHz
<b>x dB Bandwidth</b>	60.720 MHz

**Copyright 2000-2012 Agilent Technologies**

**2.68. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	58.05	60.74	60	Pass

Agilent

**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

Center 3.750 00 GHz Span 120 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (600 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
58.0479 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -131.549 kHz	
<b>x dB Bandwidth</b> 60.745 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.69. Occupied Bandwidth for SA\_Part22-24-27(Channel:651332, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3769.98	99	26	1	Peak	58.03	60.73	60	Pass

Agilent

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

Ch Freq 3.76998 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.769 98 GHz Span 120 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
58.0339 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-137.324 kHz	
<b>x dB Bandwidth</b>	60.730 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.70. Occupied Bandwidth for SA\_Part22-24-27(Channel:648668, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3730.02	99	26	1	Peak	57.89	60.68	60	Pass

Agilent

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

Ch Freq 3.73002 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak  
 Log  
 10  
 dB/  
 Offst  
 12.3  
 dB

Center 3.730 02 GHz
Span 120 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
57.8939 MHz	x dB -26.00 dB
Transmit Freq Error 16.318 kHz	
x dB Bandwidth 60.683 MHz	

Copyright 2000-2012 Agilent Technologies

**2.71. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	57.9	60.67	60	Pass

Agilent

**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

Center 3.750 00 GHz Span 120 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (600 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
57.8963 MHz	x dB -26.00 dB
Transmit Freq Error 31.740 kHz	
x dB Bandwidth 60.675 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.72. Occupied Bandwidth for SA\_Part22-24-27(Channel:651332, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3769.98	99	26	1	Peak	57.88	60.65	60	Pass

Agilent
Measure

Ch Freq 3.76998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.769 98 GHz Span 120 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
57.8820 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 27.159 kHz	
<b>x dB Bandwidth</b> 60.649 MHz	

More  
1 of 2

**Copyright 2000-2012 Agilent Technologies**

**2.25. Occupied Bandwidth for SA\_Part22-24-27(Channel:649000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3735	99	26	1	Peak	67.46	70.44	70	Pass

Agilent

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

Ch Freq 3.735 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.735 00 GHz Span 140 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (700 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
67.4576 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 6.298 kHz	
<b>x dB Bandwidth</b> 70.441 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.26. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	1	Peak	67.4	70.43	70	Pass

Agilent

Ext Ref

**Ch Freq** 3.84 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.8

dB

Center 3.840 00 GHz Span 140 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
67.4028 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-12.785 kHz	
<b>x dB Bandwidth</b>	70.429 MHz	

**Copyright 2000-2012 Agilent Technologies**

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**2.27. Occupied Bandwidth for SA\_Part22-24-27(Channel:663000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3945	99	26	1	Peak	67.47	70.42	70	Pass

Agilent

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

Ch Freq 3.945 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.945 00 GHz Span 140 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
67.4690 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-26.988 kHz	
<b>x dB Bandwidth</b>	70.422 MHz	

Copyright 2000-2012 Agilent Technologies

Document No:BL-SZ2560099

Page 2022 of 2128

**2.28. Occupied Bandwidth for SA\_Part22-24-27(Channel:649000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3735	99	26	1	Peak	67.45	70.31	70	Pass

Agilent

Ext Ref

**Ch Freq** 3.735 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.3

dB

Center 3.735 00 GHz Span 140 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
67.4516 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-57.289 kHz	
<b>x dB Bandwidth</b>	70.312 MHz	

**Copyright 2000-2012 Agilent Technologies**

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**2.29. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	1	Peak	67.39	70.26	70	Pass

Agilent

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

Ch Freq 3.84 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.840 00 GHz Span 140 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (700 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
67.3944 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -77.781 kHz	
<b>x dB Bandwidth</b> 70.260 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.30. Occupied Bandwidth for SA\_Part22-24-27(Channel:663000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3945	99	26	1	Peak	67.47	70.26	70	Pass

Agilent

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

Ch Freq 3.945 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.945 00 GHz Span 140 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (700 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
67.4745 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -83.471 kHz	
<b>x dB Bandwidth</b> 70.264 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.31. Occupied Bandwidth for SA\_Part22-24-27(Channel:649000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3735	99	26	1	Peak	67.43	70.42	70	Pass

Agilent

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

Ch Freq 3.735 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
67.4291 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -27.368 kHz	
<b>x dB Bandwidth</b> 70.418 MHz	

Copyright 2000-2012 Agilent Technologies

**2.32. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	1	Peak	67.38	70.39	70	Pass

Agilent

Ext Ref

**Ch Freq** 3.84 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.8

dB

Center 3.840 00 GHz
Span 140 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
67.3755 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-43.031 kHz
<b>x dB Bandwidth</b>	70.387 MHz

**Copyright 2000-2012 Agilent Technologies**

Meas Off

---

Channel Power

---

Occupied BW

---

ACP

---

Multi Carrier Power

---

Power Stat CCDF

---

More  
1 of 2

**2.33. Occupied Bandwidth for SA\_Part22-24-27(Channel:663000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3945	99	26	1	Peak	67.43	70.37	70	Pass

Agilent

Ext Ref

**Ch Freq** 3.945 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

13

dB

Center 3.945 00 GHz Span 140 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
67.4299 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-57.251 kHz	
<b>x dB Bandwidth</b>	70.370 MHz	

**Copyright 2000-2012 Agilent Technologies**

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**2.34. Occupied Bandwidth for SA\_Part22-24-27(Channel:649000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3735	99	26	1	Peak	67.42	70.41	70	Pass

Agilent

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

Ch Freq 3.735 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.735 00 GHz Span 140 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (700 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
67.4176 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -60.090 kHz	
<b>x dB Bandwidth</b> 70.408 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.35. Occupied Bandwidth for SA\_Part22-24-27(Channel:656000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3840	99	26	1	Peak	67.36	70.38	70	Pass

Agilent

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

Ch Freq 3.84 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.840 00 GHz Span 140 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (700 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
67.3558 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -83.852 kHz	
<b>x dB Bandwidth</b> 70.376 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.36. Occupied Bandwidth for SA\_Part22-24-27(Channel:663000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3945	99	26	1	Peak	67.41	70.4	70	Pass

Agilent

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

Ch Freq 3.945 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.945 00 GHz Span 140 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (700 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
67.4124 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -87.151 kHz	
<b>x dB Bandwidth</b> 70.405 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.73. Occupied Bandwidth for SA\_Part22-24-27(Channel:649334, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3740.01	99	26	1	Peak	77.38	80.52	80	Pass

Agilent

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

Ch Freq 3.74001 GHz Trig Free

Occupied Bandwidth Averages: 1

---

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.4 dB

Center 3.740 01 GHz Span 160 MHz

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

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

**77.3805 MHz** x dB -26.00 dB

Transmit Freq Error -16.411 kHz

x dB Bandwidth 80.522 MHz

Ext Ref

Ext Ref

**Copyright 2000-2012 Agilent Technologies**

**2.74. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	77.44	80.53	80	Pass

Agilent

Ext Ref

**Ch Freq** 3.75 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst 12.4 dB

Center 3.750 00 GHz Span 160 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
77.4354 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-44.488 kHz	
<b>x dB Bandwidth</b>	80.525 MHz	

**Copyright 2000-2012 Agilent Technologies**

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More

1 of 2

**2.75. Occupied Bandwidth for SA\_Part22-24-27(Channel:650666, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3759.99	99	26	1	Peak	77.37	80.46	80	Pass

Agilent

Ext Ref

**Ch Freq** 3.75999 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.4

dB

Center 3.759 99 GHz Span 160 MHz

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

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

**77.3678 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -14.197 kHz

**x dB Bandwidth** 80.457 MHz

Copyright 2000-2012 Agilent Technologies

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More

1 of 2

**2.76. Occupied Bandwidth for SA\_Part22-24-27(Channel:649334, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3740.01	99	26	1	Peak	77.54	80.5	80	Pass

Agilent

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

Ch Freq 3.74001 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
77.5413 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -50.484 kHz	
<b>x dB Bandwidth</b> 80.497 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.77. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	77.58	80.53	80	Pass

Agilent

**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

Center 3.750 00 GHz Span 160 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (800 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
77.5783 MHz	x dB -26.00 dB
Transmit Freq Error -77.927 kHz	
x dB Bandwidth 80.530 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.78. Occupied Bandwidth for SA\_Part22-24-27(Channel:650666, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3759.99	99	26	1	Peak	77.55	80.54	80	Pass

Agilent

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

Ch Freq 3.75999 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak  
 Log  
 10  
 dB/  
 Offst  
 12.4  
 dB

Center 3.759 99 GHz
Span 160 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
77.5507 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -60.807 kHz	
<b>x dB Bandwidth</b> 80.544 MHz	

Copyright 2000-2012 Agilent Technologies

**2.79. Occupied Bandwidth for SA\_Part22-24-27(Channel:649334, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3740.01	99	26	1	Peak	77.5	80.63	80	Pass

Agilent

Ext Ref

**Ch Freq** 3.74001 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst 12.4

dB

Center 3.740 01 GHz Span 160 MHz

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

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

77.5004 MHz **x dB** -26.00 dB

**Transmit Freq Error** 22.966 kHz

**x dB Bandwidth** 80.634 MHz

**Meas Off**

**Channel Power**

**Occupied BW**

**ACP**

**Multi Carrier Power**

**Power Stat CCDF**

**More**  
1 of 2

**Copyright 2000-2012 Agilent Technologies**

Document No:BL-SZ2560099

Page 2038 of 2128

**2.80. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	77.49	80.55	80	Pass

Agilent

Ext Ref

**Ch Freq** 3.75 GHz  
 Occupied Bandwidth

**Trig** Free  
 Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.750 00 GHz Span 160 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (800 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
77.4930 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	25.448 kHz	
<b>x dB Bandwidth</b>	80.548 MHz	

**Copyright 2000-2012 Agilent Technologies**

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**2.81. Occupied Bandwidth for SA\_Part22-24-27(Channel:650666, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3759.99	99	26	1	Peak	77.49	80.55	80	Pass

Agilent

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

Ch Freq 3.75999 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.759 99 GHz Span 160 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
77.4858 MHz	x dB -26.00 dB
Transmit Freq Error 25.720 kHz	
x dB Bandwidth 80.549 MHz	

**Copyright 2000-2012 Agilent Technologies**

**2.82. Occupied Bandwidth for SA\_Part22-24-27(Channel:649334, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3740.01	99	26	1	Peak	77.39	80.59	80	Pass

Agilent

Ext Ref

**Ch Freq** 3.74001 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

12.4

dB

Center 3.740 01 GHz Span 160 MHz

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

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

**77.3898 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -14.344 kHz

**x dB Bandwidth** 80.587 MHz

**Copyright 2000-2012 Agilent Technologies**

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**2.83. Occupied Bandwidth for SA\_Part22-24-27(Channel:650000, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3750	99	26	1	Peak	77.39	80.62	80	Pass

Agilent

**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

Center 3.750 00 GHz Span 160 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (800 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
77.3910 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-17.429 kHz
<b>x dB Bandwidth</b>	80.623 MHz

**Copyright 2000-2012 Agilent Technologies**

**2.84. Occupied Bandwidth for SA\_Part22-24-27(Channel:650666, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3759.99	99	26	1	Peak	77.38	80.49	80	Pass

Agilent
Measure

Ch Freq 3.75999 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.759 99 GHz Span 160 MHz

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

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
77.3752 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -7.277 kHz	
<b>x dB Bandwidth</b> 80.487 MHz	

Copyright 2000-2012 Agilent Technologies

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**2.85. Occupied Bandwidth for SA\_Part22-24-27(Channel:649668, 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
3745.02	99	26	1	Peak	87.32	90.67	90	Pass

Agilent

Ext Ref

**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)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
87.3232 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -35.313 kHz	
<b>x dB Bandwidth</b> 90.666 MHz	

**Copyright 2000-2012 Agilent Technologies**

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2