

**5.66. Occupied Bandwidth for SA\_Part22-24-27(Channel:534498, Bandwidth:35, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:92, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2672.49	99	26	1	Peak	33.19	36.06	35	Pass

Agilent
Measure

Ch Freq 2.67249 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.672 490 GHz Span 70 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

**Occupied Bandwidth** Occ BW % Pwr 99.00 %  
**33.1916 MHz** x dB -26.00 dB

Transmit Freq Error -22.155 kHz  
x dB Bandwidth 36.061 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.67. Occupied Bandwidth for SA\_Part22-24-27(Channel:502704, Bandwidth:35, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:92, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2513.52	99	26	1	Peak	33.17	36.02	35	Pass

Agilent
Measure

Ch Freq 2.51352 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.513 520 GHz Span 70 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
33.1715 MHz	x dB -26.00 dB
Transmit Freq Error	-37.667 kHz
x dB Bandwidth	36.023 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.68. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:35, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:92, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	33.18	35.74	35	Pass

Agilent
Measure

Ch Freq 2.59299 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.592 990 GHz Span 70 MHz

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

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

**33.1823 MHz** x dB -26.00 dB

Transmit Freq Error -17.691 kHz

x dB Bandwidth 35.744 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**5.69. Occupied Bandwidth for SA\_Part22-24-27(Channel:534498, Bandwidth:35, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:92, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2672.49	99	26	1	Peak	33.21	36.15	35	Pass

Agilent
Measure

Ch Freq 2.67249 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.672 490 GHz Span 70 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
33.2112 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-75.536 kHz
<b>x dB Bandwidth</b>	36.146 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.70. Occupied Bandwidth for SA\_Part22-24-27(Channel:502704, Bandwidth:35, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:92, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2513.52	99	26	1	Peak	33	36.06	35	Pass

Agilent
Measure

Ch Freq 2.51352 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.513 520 GHz Span 70 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
33.0043 MHz	x dB -26.00 dB
Transmit Freq Error	-16.991 kHz
x dB Bandwidth	36.062 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.71. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:35, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:92, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	33.01	36	35	Pass

Agilent
Measure

Ch Freq 2.59299 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
33.0092 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 1.475 kHz	
<b>x dB Bandwidth</b> 36.004 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.72. Occupied Bandwidth for SA\_Part22-24-27(Channel:534498, Bandwidth:35, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:92, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2672.49	99	26	1	Peak	33.05	35.9	35	Pass

Agilent
Measure

Ch Freq 2.67249 GHz Ext Ref

Occupied Bandwidth Trig Free

Averages: 1

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

Ref 30 dBm #Atten 30 dB

Center 2.672 490 GHz Span 70 MHz

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

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

**33.0457 MHz** x dB -26.00 dB

Transmit Freq Error -55.655 kHz

x dB Bandwidth 35.901 MHz

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**5.73. Occupied Bandwidth for SA\_Part22-24-27(Channel:503202, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2516.01	99	26	1	Peak	38.19	41.13	40	Pass

Agilent
Measure

Ch Freq 2.51601 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.516 0 GHz Span 80 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
38.1850 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 30.349 kHz	
<b>x dB Bandwidth</b> 41.133 MHz	

Power Stat CCDF

More 1 of 2

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**5.74. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	38.2	41.05	40	Pass

Agilent
Measure

Ch Freq 2.59299 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.593 0 GHz Span 80 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
38.2006 MHz	x dB -26.00 dB
Transmit Freq Error 34.084 kHz	
x dB Bandwidth 41.051 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.75. Occupied Bandwidth for SA\_Part22-24-27(Channel:534000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2670	99	26	1	Peak	38.2	41.09	40	Pass

Agilent
Measure

Ch Freq 2.67 GHz Ext Ref

Trig Free

Occupied Bandwidth Averages: 1

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

Ref 30 dBm #Atten 30 dB

Center 2.670 0 GHz Span 80 MHz

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

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

**38.2026 MHz** x dB -26.00 dB

Transmit Freq Error -18.817 kHz

x dB Bandwidth 41.094 MHz

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**5.76. Occupied Bandwidth for SA\_Part22-24-27(Channel:503202, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2516.01	99	26	1	Peak	38.08	41.16	40	Pass

Agilent
Measure

Ch Freq 2.51601 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.516 0 GHz Span 80 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
<b>38.0820 MHz</b>	<b>x dB</b> -26.00 dB
<b>Transmit Freq Error</b> -53.672 kHz	
<b>x dB Bandwidth</b> 41.156 MHz	

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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**5.77. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	38.08	40.92	40	Pass

Agilent
Measure

Ch Freq 2.59299 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.593 0 GHz Span 80 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
<b>38.0805 MHz</b>	<b>x dB</b> -26.00 dB
<b>Transmit Freq Error</b> -30.256 kHz	
<b>x dB Bandwidth</b> 40.921 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.78. Occupied Bandwidth for SA\_Part22-24-27(Channel:534000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2670	99	26	1	Peak	38.12	41.12	40	Pass

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

Measurement	Value
Occupied Bandwidth	38.1203 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-112.186 kHz
x dB Bandwidth	41.122 MHz

Additional parameters shown in the interface include: Ch Freq 2.67 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst 11.5 dB, Center 2.6700 GHz, Span 80 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

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**5.79. Occupied Bandwidth for SA\_Part22-24-27(Channel:503202, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2516.01	99	26	1	Peak	38.07	41.03	40	Pass

Agilent
Measure

Ch Freq 2.51601 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
10

dB/
Offst

11.3
dB

Center 2.516 0 GHz
Span 80 MHz

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

Occupied Bandwidth
Occ BW % Pwr 99.00 %

38.0712 MHz
x dB -26.00 dB

Transmit Freq Error -63.173 kHz

x dB Bandwidth 41.029 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.80. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	38.11	41.19	40	Pass

Agilent
Measure

Ch Freq 2.59299 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.593 0 GHz Span 80 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

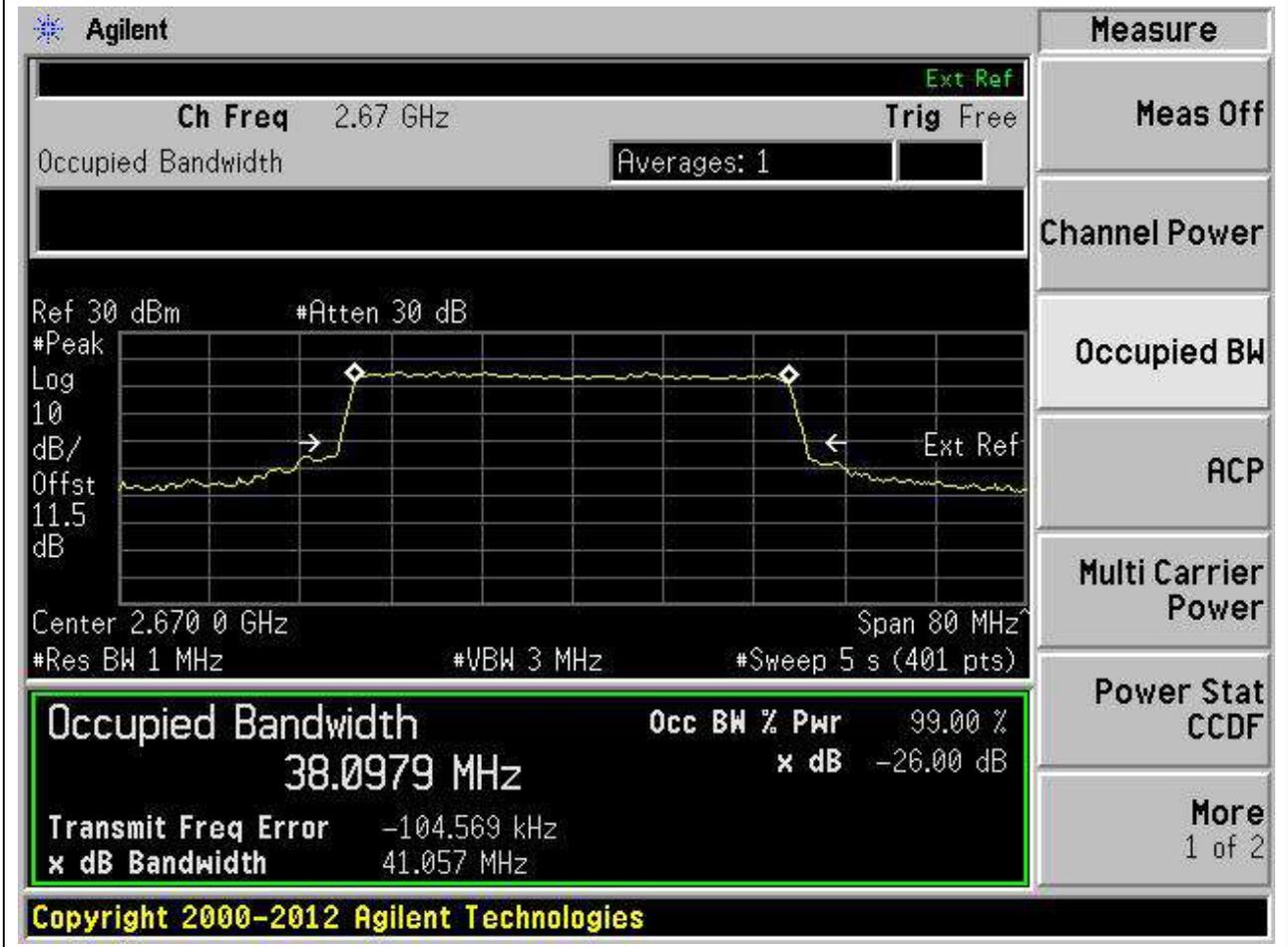
<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
38.1078 MHz	<b>x dB</b>	-26.00 dB
Transmit Freq Error	-61.815 kHz	
x dB Bandwidth	41.187 MHz	

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

**5.81. Occupied Bandwidth for SA\_Part22-24-27(Channel:534000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2670	99	26	1	Peak	38.1	41.06	40	Pass



**5.82. Occupied Bandwidth for SA\_Part22-24-27(Channel:503202, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2516.01	99	26	1	Peak	38.03	41.11	40	Pass

Agilent

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

Ch Freq 2.51601 GHz
Ext Ref Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.516 0 GHz Span 80 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
38.0349 MHz	x dB	-26.00 dB
Transmit Freq Error	10.946 kHz	
x dB Bandwidth	41.107 MHz	

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**5.83. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	38.05	41.12	40	Pass

Agilent
Measure

Ch Freq 2.59299 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.593 0 GHz Span 80 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (401 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
38.0467 MHz	x dB -26.00 dB
Transmit Freq Error 22.753 kHz	
x dB Bandwidth 41.125 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

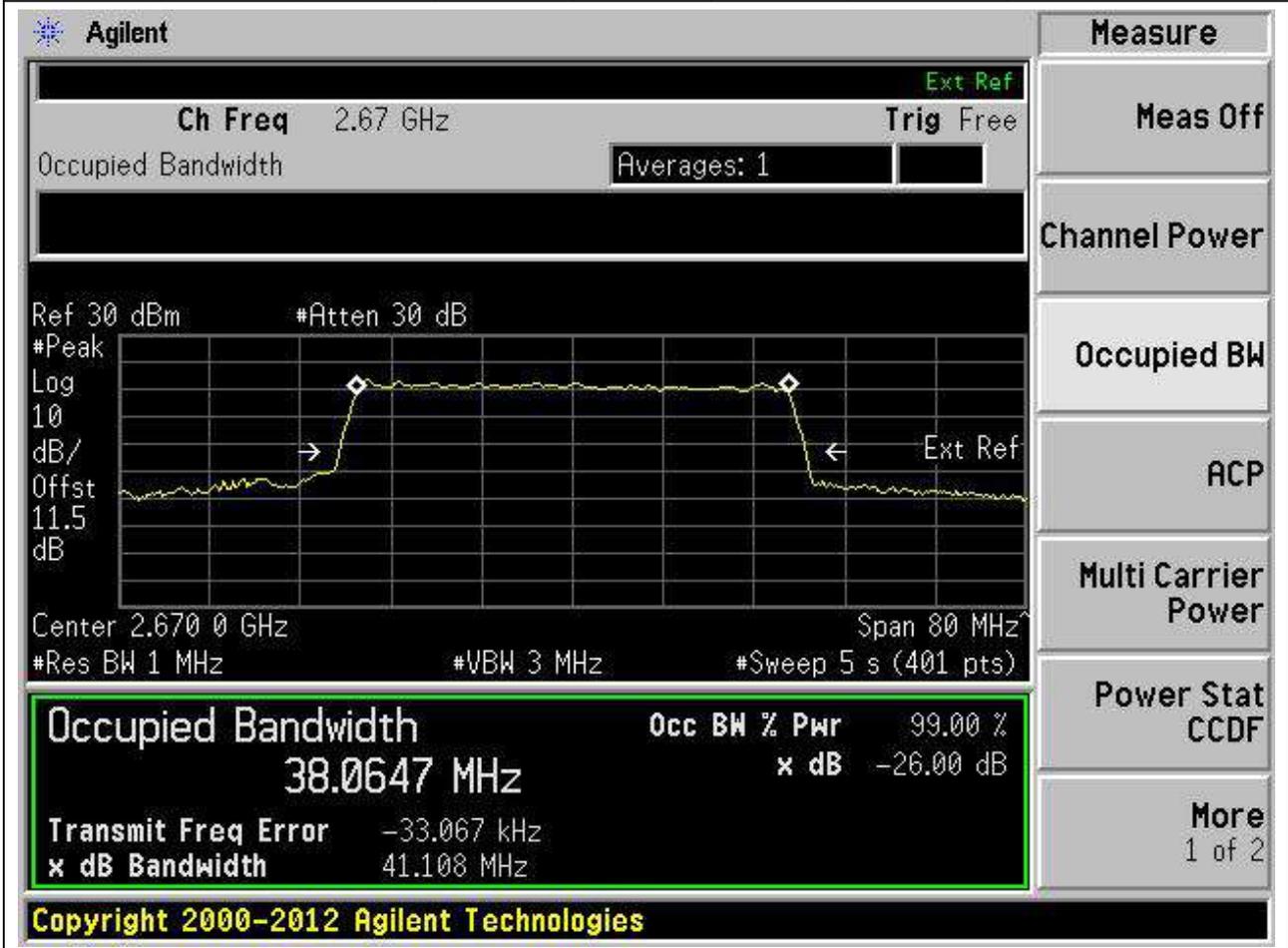
Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.84. Occupied Bandwidth for SA\_Part22-24-27(Channel:534000, Bandwidth:40, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:106, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2670	99	26	1	Peak	38.06	41.11	40	Pass



**5.85. Occupied Bandwidth for SA\_Part22-24-27(Channel:503700, Bandwidth:45, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:119, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2518.5	99	26	1	Peak	42.68	45.67	45	Pass

Agilent
Measure

Ch Freq 2.5185 GHz Ext Ref

Occupied Bandwidth Trig Free

Averages: 1

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

Ref 30 dBm #Atten 30 dB

Center 2.518 50 GHz Span 90 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (450 pts)

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

**42.6782 MHz** x dB -26.00 dB

Transmit Freq Error -27.174 kHz

x dB Bandwidth 45.667 MHz

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**5.86. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:45, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:119, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	42.7	45.64	45	Pass

Agilent
Measure

Ch Freq 2.59299 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.592 99 GHz Span 90 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (450 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
<b>42.7020 MHz</b>	<b>x dB</b> -26.00 dB
<b>Transmit Freq Error</b>	-21.741 kHz
<b>x dB Bandwidth</b>	45.639 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.87. Occupied Bandwidth for SA\_Part22-24-27(Channel:533496, Bandwidth:45, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:119, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2667.48	99	26	1	Peak	42.73	45.76	45	Pass

Agilent
Measure

Ch Freq 2.66748 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.667 48 GHz Span 90 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (450 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
42.7327 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-94.068 kHz
<b>x dB Bandwidth</b>	45.760 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.88. Occupied Bandwidth for SA\_Part22-24-27(Channel:503700, Bandwidth:45, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:119, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2518.5	99	26	1	Peak	42.69	45.69	45	Pass

Agilent
Measure

Ch Freq 2.5185 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.518 50 GHz Span 90 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (450 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
42.6852 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-43.363 kHz
<b>x dB Bandwidth</b>	45.691 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.89. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:45, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:119, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	42.71	45.76	45	Pass

Agilent
Measure

Ch Freq 2.59299 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.592 99 GHz Span 90 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (450 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
42.7102 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-27.666 kHz
<b>x dB Bandwidth</b>	45.755 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.90. Occupied Bandwidth for SA\_Part22-24-27(Channel:533496, Bandwidth:45, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:119, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2667.48	99	26	1	Peak	42.73	45.61	45	Pass

Agilent
Measure

Ch Freq 2.66748 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.667 48 GHz Span 90 MHz

#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (450 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
42.7265 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-104.237 kHz
<b>x dB Bandwidth</b>	45.608 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.91. Occupied Bandwidth for SA\_Part22-24-27(Channel:503700, Bandwidth:45, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:119, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2518.5	99	26	1	Peak	42.66	45.64	45	Pass

Agilent
Measure

Ch Freq 2.5185 GHz Trig Free

Occupied Bandwidth Averages: 1

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**Occupied Bandwidth**

**42.6631 MHz**

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 1.152 kHz

x dB Bandwidth 45.641 MHz

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**5.92. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:45, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:119, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	42.67	45.49	45	Pass

Agilent
Measure

Ch Freq 2.59299 GHz Trig Free

Occupied Bandwidth Averages: 1

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**Occupied Bandwidth**

**42.6741 MHz**

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 5.437 kHz

x dB Bandwidth 45.488 MHz

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**5.93. Occupied Bandwidth for SA\_Part22-24-27(Channel:533496, Bandwidth:45, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:119, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2667.48	99	26	1	Peak	42.7	45.64	45	Pass

Agilent
Measure

Ch Freq 2.66748 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.667 48 GHz Span 90 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (450 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
42.7039 MHz	x dB -26.00 dB
Transmit Freq Error	-51.502 kHz
x dB Bandwidth	45.635 MHz

**Copyright 2000-2012 Agilent Technologies**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.94. Occupied Bandwidth for SA\_Part22-24-27(Channel:503700, Bandwidth:45, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:119, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2518.5	99	26	1	Peak	42.69	45.67	45	Pass

Agilent

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

Ch Freq 2.5185 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm      #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.3

dB

Center 2.518 50 GHz      Span 90 MHz

#Res BW 1 MHz      #VBW 3 MHz      #Sweep 5 s (450 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
42.6947 MHz	x dB -26.00 dB
Transmit Freq Error	2.920 kHz
x dB Bandwidth	45.670 MHz

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**5.95. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:45, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:119, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	42.71	45.74	45	Pass

Agilent
Measure

Ch Freq 2.59299 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.592 99 GHz Span 90 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (450 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
42.7073 MHz	x dB -26.00 dB
Transmit Freq Error 16.891 kHz	
x dB Bandwidth 45.739 MHz	

Power Stat CCDF

More 1 of 2

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**5.96. Occupied Bandwidth for SA\_Part22-24-27(Channel:533496, Bandwidth:45, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:119, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2667.48	99	26	1	Peak	42.74	45.65	45	Pass

Agilent
Measure

Ch Freq 2.66748 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.667 48 GHz Span 90 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (450 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
42.7400 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-45.003 kHz
<b>x dB Bandwidth</b>	45.655 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.97. Occupied Bandwidth for SA\_Part22-24-27(Channel:504204, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2521.02	99	26	1	Peak	47.67	50.92	50	Pass

Agilent
Measure

Ch Freq 2.52102 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.521 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 %
47.6736 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-27.892 kHz
<b>x dB Bandwidth</b>	50.925 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.98. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	47.58	50.86	50	Pass

Agilent

Measure

Ch Freq 2.59299 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
10

dB/
Offst

11.5
dB

Center 2.592 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 %
47.5819 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-8.425 kHz
<b>x dB Bandwidth</b>	50.859 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.99. Occupied Bandwidth for SA\_Part22-24-27(Channel:532998, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2664.99	99	26	1	Peak	47.73	50.88	50	Pass

Agilent
Measure

Ch Freq 2.66499 GHz Trig Free

Occupied Bandwidth Averages: 1

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**Occupied Bandwidth**

**47.7253 MHz**

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -73.853 kHz

x dB Bandwidth 50.880 MHz

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**5.100. Occupied Bandwidth for SA\_Part22-24-27(Channel:504204, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2521.02	99	26	1	Peak	47.5	50.58	50	Pass

Agilent
Measure

Ch Freq 2.52102 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.521 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 %
47.4953 MHz	x dB -26.00 dB
Transmit Freq Error	-64.794 kHz
x dB Bandwidth	50.577 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.101. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	47.55	50.74	50	Pass

Agilent

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

Ch Freq 2.59299 GHz
Ext Ref

Occupied Bandwidth
Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Log

10
dB/

Offst
11.5

dB
Ext Ref

Center 2.592 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 %
47.5454 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-52.072 kHz
<b>x dB Bandwidth</b>	50.739 MHz

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**5.102. Occupied Bandwidth for SA\_Part22-24-27(Channel:532998, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2664.99	99	26	1	Peak	47.55	50.77	50	Pass

Agilent

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

Ch Freq 2.66499 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.5

dB

Center 2.664 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 %
47.5526 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-116.656 kHz	
<b>x dB Bandwidth</b>	50.770 MHz	

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**5.103. Occupied Bandwidth for SA\_Part22-24-27(Channel:504204, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2521.02	99	26	1	Peak	47.62	50.93	50	Pass

Agilent
Measure

Ch Freq 2.52102 GHz
Trig Free

Occupied Bandwidth
Averages: 1

**Occupied Bandwidth**  
47.6158 MHz

Transmit Freq Error -59.237 kHz  
x dB Bandwidth 50.930 MHz

Occ BW % Pwr 99.00 %  
x dB -26.00 dB

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.104. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	47.65	50.78	50	Pass

Agilent
Measure

Ch Freq 2.59299 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.592 99 GHz Span 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 %
47.6474 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-50.502 kHz
<b>x dB Bandwidth</b>	50.784 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.105. Occupied Bandwidth for SA\_Part22-24-27(Channel:532998, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2664.99	99	26	1	Peak	47.65	50.6	50	Pass

Agilent

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

Ch Freq 2.66499 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.5

dB

Center 2.664 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 %
47.6480 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-122.083 kHz	
<b>x dB Bandwidth</b>	50.601 MHz	

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**5.106. Occupied Bandwidth for SA\_Part22-24-27(Channel:504204, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2521.02	99	26	1	Peak	47.64	50.63	50	Pass

Agilent

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

Ch Freq 2.52102 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
10

dB/
Offst

11.3
dB

Center 2.521 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 %
47.6393 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 1.651 kHz	
<b>x dB Bandwidth</b> 50.630 MHz	

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**5.107. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	47.68	50.67	50	Pass

Agilent
Measure

Ch Freq 2.59299 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.592 99 GHz Span 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 %
47.6791 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 19.107 kHz	
<b>x dB Bandwidth</b> 50.669 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.108. Occupied Bandwidth for SA\_Part22-24-27(Channel:532998, Bandwidth:50, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:133, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2664.99	99	26	1	Peak	47.69	50.8	50	Pass

Agilent

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

Ch Freq 2.66499 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.5

dB

Center 2.66499 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 %
47.6873 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-51.335 kHz
<b>x dB Bandwidth</b>	50.798 MHz

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**5.109. Occupied Bandwidth for SA\_Part22-24-27(Channel:505200, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2526	99	26	1	Peak	57.88	61.14	60	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.526 GHz, and the span is 120 MHz. The occupied bandwidth is measured as 57.8830 MHz. The power is 99.00% and the XdB down is -26.00 dB. The transmit frequency error is -12.791 kHz, and the XdB bandwidth is 61.140 MHz. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
57.8830 MHz	x dB	-26.00 dB
Transmit Freq Error	-12.791 kHz	
x dB Bandwidth	61.140 MHz	

**5.110. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	57.85	61.13	60	Pass

Agilent
Measure

Ch Freq 2.59299 GHz Ext Ref

Occupied Bandwidth Trig Free

Averages: 1

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

Ref 30 dBm #Atten 30 dB

Center 2.592 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 %
57.8519 MHz	x dB -26.00 dB
Transmit Freq Error	-13.143 kHz
x dB Bandwidth	61.134 MHz

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**5.111. Occupied Bandwidth for SA\_Part22-24-27(Channel:531996, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2659.98	99	26	1	Peak	57.86	61.08	60	Pass

Agilent
Measure

Ch Freq 2.65998 GHz Ext Ref

Trig Free

Occupied Bandwidth Averages: 1

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

Ref 30 dBm #Atten 30 dB

Center 2.659 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 %
57.8629 MHz	x dB -26.00 dB
Transmit Freq Error	-59.790 kHz
x dB Bandwidth	61.078 MHz

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**5.112. Occupied Bandwidth for SA\_Part22-24-27(Channel:505200, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2526	99	26	1	Peak	57.99	61.04	60	Pass

Agilent

Measure

Ch Freq 2.526 GHz
Ext Ref

Occupied Bandwidth
Averages: 1

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
57.9918 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-46.605 kHz
<b>x dB Bandwidth</b>	61.039 MHz

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

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**5.113. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	57.98	61.04	60	Pass

Agilent
Measure

Ch Freq 2.59299 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.592 99 GHz Span 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 %
57.9761 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-47.069 kHz
<b>x dB Bandwidth</b>	61.039 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.114. Occupied Bandwidth for SA\_Part22-24-27(Channel:531996, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2659.98	99	26	1	Peak	58	61.01	60	Pass

Agilent
Measure

Ch Freq 2.65998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.659 98 GHz Span 120 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (600 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
57.9965 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -94.485 kHz	
<b>x dB Bandwidth</b> 61.006 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.115. Occupied Bandwidth for SA\_Part22-24-27(Channel:505200, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2526	99	26	1	Peak	57.82	61.1	60	Pass

Agilent

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

Ch Freq 2.526 GHz
Ext Ref Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.526 00 GHz Span 120 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (600 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>57.8175 MHz</b>	<b>x dB</b>	-26.00 dB
Transmit Freq Error	-21.306 kHz	
x dB Bandwidth	61.100 MHz	

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**5.116. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	57.77	61.01	60	Pass

Agilent

Ext Ref

**Ch Freq** 2.59299 GHz **Trig** Free

Occupied Bandwidth Averages: 1

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

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.5 dB

Center 2.592 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 %
57.7718 MHz	<b>x dB</b> -26.00 dB
<b>Transmit Freq Error</b> -33.768 kHz	
<b>x dB Bandwidth</b> 61.014 MHz	

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**5.117. Occupied Bandwidth for SA\_Part22-24-27(Channel:531996, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2659.98	99	26	1	Peak	57.8	61.1	60	Pass

Agilent
Measure

Ch Freq 2.65998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.659 98 GHz Span 120 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (600 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
<b>57.8007 MHz</b>	<b>x dB</b> -26.00 dB
<b>Transmit Freq Error</b> -73.837 kHz	
<b>x dB Bandwidth</b> 61.102 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.118. Occupied Bandwidth for SA\_Part22-24-27(Channel:505200, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2526	99	26	1	Peak	57.84	61.09	60	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 2.526 GHz, and the span is 120 MHz. The occupied bandwidth is highlighted in a green box, showing 57.8354 MHz. The power is 99.00% and the XdB down is -26.00 dB. The transmit frequency error is -38.242 kHz, and the XdB bandwidth is 61.090 MHz. The interface includes various measurement buttons on the right side, such as Measure, Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More.

Occupied Bandwidth	Occ BW % Pwr	x dB
57.8354 MHz	99.00 %	-26.00 dB

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**5.119. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	57.81	61.08	60	Pass

Agilent

Measure

Ch Freq 2.59299 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
10

dB/
Offst

11.5
dB

Center 2.592 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 %
57.8082 MHz	x dB -26.00 dB
Transmit Freq Error	-42.876 kHz
x dB Bandwidth	61.082 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.120. Occupied Bandwidth for SA\_Part22-24-27(Channel:531996, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:162, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2659.98	99	26	1	Peak	57.85	61.08	60	Pass

Agilent
Measure

Ch Freq 2.65998 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.659 98 GHz Span 120 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (600 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
57.8454 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -90.198 kHz	
<b>x dB Bandwidth</b> 61.082 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

**5.121. Occupied Bandwidth for SA\_Part22-24-27(Channel:506202, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2531.01	99	26	1	Peak	67.65	70.88	70	Pass

Agilent

Measure

Ch Freq 2.53101 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
10

dB/
Offst

11.4
dB

Center 2.531 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 %
67.6530 MHz	x dB -26.00 dB
Transmit Freq Error	5.343 kHz
x dB Bandwidth	70.878 MHz

Power Stat
CCDF

More
1 of 2

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**5.122. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	67.51	70.72	70	Pass

Agilent

Measure

Ch Freq 2.59299 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
10

dB/
Offst

11.5
dB

Center 2.592 99 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 %
67.5059 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-26.346 kHz
<b>x dB Bandwidth</b>	70.716 MHz

Power Stat
CCDF

More
1 of 2

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**5.123. Occupied Bandwidth for SA\_Part22-24-27(Channel:531000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2655	99	26	1	Peak	67.68	70.85	70	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 2.655 GHz, and the span is 140 MHz. The occupied bandwidth is measured as 67.6777 MHz, which is 99.00% of the 70 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -101.884 kHz, and the x dB bandwidth is 70.847 MHz. The interface includes various measurement controls and a list of available measurement functions on the right side.

Measurement	Value
Occupied Bandwidth	67.6777 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-101.884 kHz
x dB Bandwidth	70.847 MHz

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**5.124. Occupied Bandwidth for SA\_Part22-24-27(Channel:506202, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2531.01	99	26	1	Peak	67.52	70.85	70	Pass

Agilent
Measure

Ch Freq 2.53101 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.531 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 %
<b>67.5240 MHz</b>	<b>x dB</b> -26.00 dB
<b>Transmit Freq Error</b> -33.970 kHz	
<b>x dB Bandwidth</b> 70.849 MHz	

Power Stat CCDF

More 1 of 2

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**5.125. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	67.35	70.71	70	Pass

Agilent
Measure

Ch Freq 2.59299 GHz
Ext Ref

Occupied Bandwidth
Averages: 1

**Occupied Bandwidth**  
67.3505 MHz

Transmit Freq Error -89.894 kHz  
x dB Bandwidth 70.705 MHz

Occ BW % Pwr 99.00 %  
x dB -26.00 dB

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.126. Occupied Bandwidth for SA\_Part22-24-27(Channel:531000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2655	99	26	1	Peak	67.51	70.91	70	Pass

Agilent

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

Ch Freq 2.655 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
67.5070 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-167.685 kHz
<b>x dB Bandwidth</b>	70.911 MHz

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**5.127. Occupied Bandwidth for SA\_Part22-24-27(Channel:506202, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2531.01	99	26	1	Peak	67.59	70.83	70	Pass

Agilent
Measure

Ch Freq 2.53101 GHz
Ext Ref

Occupied Bandwidth
Trig Free

Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.531 01 GHz Span 140 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (700 pts)

**Occupied Bandwidth** Occ BW % Pwr 99.00 %  
**67.5897 MHz** x dB -26.00 dB

Transmit Freq Error 40.302 kHz  
 x dB Bandwidth 70.828 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.128. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	67.44	70.82	70	Pass

Agilent

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

Ch Freq 2.59299 GHz
Ext Ref Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.592 99 GHz Span 140 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (700 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
67.4368 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-3.935 kHz
<b>x dB Bandwidth</b>	70.817 MHz

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**5.129. Occupied Bandwidth for SA\_Part22-24-27(Channel:531000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2655	99	26	1	Peak	67.58	71	70	Pass

Agilent
Measure

Ch Freq 2.655 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.655 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 %
67.5843 MHz	x dB -26.00 dB
Transmit Freq Error	-83.391 kHz
x dB Bandwidth	71.001 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.130. Occupied Bandwidth for SA\_Part22-24-27(Channel:506202, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2531.01	99	26	1	Peak	67.47	70.94	70	Pass

Agilent

Measure

Ch Freq 2.53101 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
10

dB/
Offst

11.4
dB

Center 2.531 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 %
67.4691 MHz	x dB -26.00 dB
Transmit Freq Error	21.582 kHz
x dB Bandwidth	70.941 MHz

Power Stat
CCDF

More
1 of 2

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**5.131. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	67.31	70.84	70	Pass

Agilent

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

Ch Freq 2.59299 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.5

dB

Center 2.592 99 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>67.3096 MHz</b>	<b>x dB</b> -26.00 dB
<b>Transmit Freq Error</b>	-106.898 kHz
<b>x dB Bandwidth</b>	70.838 MHz

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**5.132. Occupied Bandwidth for SA\_Part22-24-27(Channel:531000, Bandwidth:70, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:189, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2655	99	26	1	Peak	67.41	70.76	70	Pass

Agilent
Measure

Ch Freq 2.655 GHz Ext Ref

Occupied Bandwidth Trig Free

Averages: 1

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

Ref 30 dBm #Atten 30 dB

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

**67.4119 MHz** x dB -26.00 dB

Transmit Freq Error -100.965 kHz

x dB Bandwidth 70.761 MHz

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**5.133. Occupied Bandwidth for SA\_Part22-24-27(Channel:507204, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2536.02	99	26	1	Peak	77.47	80.86	80	Pass

Agilent
Measure

Ch Freq 2.53602 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.536 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 %
77.4701 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-4.884 kHz
<b>x dB Bandwidth</b>	80.859 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.134. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	77.27	80.7	80	Pass

Agilent
Measure

Ch Freq 2.59299 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.592 99 GHz Span 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 %
77.2745 MHz	x dB -26.00 dB
Transmit Freq Error	-47.064 kHz
x dB Bandwidth	80.702 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.135. Occupied Bandwidth for SA\_Part22-24-27(Channel:529998, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2649.99	99	26	1	Peak	77.45	80.85	80	Pass

Agilent
Measure

Ch Freq 2.64999 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.649 99 GHz Span 160 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (800 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
<b>77.4539 MHz</b>	<b>x dB</b>	-26.00 dB
Transmit Freq Error	-182.613 kHz	
x dB Bandwidth	80.848 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.136. Occupied Bandwidth for SA\_Part22-24-27(Channel:507204, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2536.02	99	26	1	Peak	77.61	81.13	80	Pass

Agilent
Measure

Ch Freq 2.53602 GHz
Ext Ref

Occupied Bandwidth
Averages: 1

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
<b>77.6077 MHz</b>	<b>x dB</b> -26.00 dB
<b>Transmit Freq Error</b> -35.152 kHz	
<b>x dB Bandwidth</b> 81.125 MHz	

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

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**5.137. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	77.41	80.97	80	Pass

Agilent
Measure

Ch Freq 2.59299 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.592 99 GHz Span 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 %
77.4135 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-74.006 kHz
<b>x dB Bandwidth</b>	80.974 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.138. Occupied Bandwidth for SA\_Part22-24-27(Channel:529998, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2649.99	99	26	1	Peak	77.61	80.97	80	Pass

Agilent

Ext Ref

**Ch Freq** 2.64999 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.7 dB

Center 2.649 99 GHz Span 160 MHz

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

**Meas Off**

**Channel Power**

**Occupied BW**

**ACP**

**Multi Carrier Power**

**Power Stat CCDF**

**More**  
1 of 2

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
77.6055 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-194.377 kHz
<b>x dB Bandwidth</b>	80.974 MHz

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**5.139. Occupied Bandwidth for SA\_Part22-24-27(Channel:507204, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2536.02	99	26	1	Peak	77.42	80.93	80	Pass

Agilent
Measure

Ch Freq 2.53602 GHz
Ext Ref

Occupied Bandwidth
Trig Free

Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.536 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 %
77.4156 MHz	x dB -26.00 dB
Transmit Freq Error 59.236 kHz	
x dB Bandwidth 80.934 MHz	

More  
1 of 2

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**5.140. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	77.19	80.81	80	Pass

Agilent

Ext Ref

**Ch Freq** 2.59299 GHz **Trig** Free

Occupied Bandwidth Averages: 1

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

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.5 dB

Center 2.592 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 %
77.1874 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 27.117 kHz	
<b>x dB Bandwidth</b> 80.810 MHz	

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**5.141. Occupied Bandwidth for SA\_Part22-24-27(Channel:529998, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2649.99	99	26	1	Peak	77.41	80.84	80	Pass

Agilent
Measure

Ch Freq 2.64999 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.649 99 GHz Span 160 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (800 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
<b>77.4124 MHz</b>	<b>x dB</b> -26.00 dB
<b>Transmit Freq Error</b> -125.508 kHz	
<b>x dB Bandwidth</b> 80.842 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.142. Occupied Bandwidth for SA\_Part22-24-27(Channel:507204, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2536.02	99	26	1	Peak	77.36	80.98	80	Pass

Agilent
Measure

Ch Freq 2.53602 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
10

dB/
Offst

11.4
dB

Center 2.536 02 GHz
Span 160 MHz

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

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

**77.3581 MHz**
x dB -26.00 dB

Transmit Freq Error -34.130 kHz

x dB Bandwidth 80.978 MHz

Power Stat CCDF

More

1 of 2

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**5.143. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	77.11	80.72	80	Pass

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

Measurement	Value
Occupied Bandwidth	77.1121 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-93.001 kHz
x dB Bandwidth	80.719 MHz

Additional parameters shown in the interface include: Ch Freq 2.59299 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log 10, dB/Offst 11.5 dB, Center 2.592 99 GHz, Span 160 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (800 pts).

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**5.144. Occupied Bandwidth for SA\_Part22-24-27(Channel:52998, Bandwidth:80, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:217, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2649.99	99	26	1	Peak	77.32	80.78	80	Pass

Agilent
Measure

Ch Freq 2.64999 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.649 99 GHz Span 160 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (800 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
77.3165 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-207.088 kHz
<b>x dB Bandwidth</b>	80.782 MHz

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

**5.145. Occupied Bandwidth for SA\_Part22-24-27(Channel:508200, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:245, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2541	99	26	1	Peak	87.28	91.02	90	Pass

Agilent

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

Ch Freq 2.541 GHz
Ext Ref Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
87.2833 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>		-72.754 kHz
<b>x dB Bandwidth</b>		91.024 MHz

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**5.146. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:245, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	87.08	90.93	90	Pass

Agilent
Measure

Ch Freq 2.59299 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.592 99 GHz Span 180 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (900 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
<b>87.0759 MHz</b>	<b>x dB</b> -26.00 dB
<b>Transmit Freq Error</b>	-95.341 kHz
<b>x dB Bandwidth</b>	90.925 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.147. Occupied Bandwidth for SA\_Part22-24-27(Channel:528996, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:245, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2644.98	99	26	1	Peak	87.26	91.14	90	Pass

Agilent
Measure

Ch Freq 2.64498 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.644 98 GHz Span 180 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (900 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
87.2564 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-247.091 kHz
<b>x dB Bandwidth</b>	91.136 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.148. Occupied Bandwidth for SA\_Part22-24-27(Channel:508200, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:245, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2541	99	26	1	Peak	87.29	91	90	Pass

Agilent

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

Ch Freq 2.541 GHz
Ext Ref Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %
87.2924 MHz	<b>x dB</b>	-26.00 dB
<b>Transmit Freq Error</b>	-72.442 kHz	
<b>x dB Bandwidth</b>	91.000 MHz	

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**5.149. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:245, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	87.1	90.87	90	Pass

Agilent
Measure

Ch Freq 2.59299 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.592 99 GHz Span 180 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (900 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
<b>87.0975 MHz</b>	<b>x dB</b> -26.00 dB
<b>Transmit Freq Error</b> -108.212 kHz	
<b>x dB Bandwidth</b> 90.874 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.150. Occupied Bandwidth for SA\_Part22-24-27(Channel:528996, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:245, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2644.98	99	26	1	Peak	87.27	90.81	90	Pass

Agilent
Measure

Ch Freq 2.64498 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.644 98 GHz Span 180 MHz  
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (900 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
<b>87.2659 MHz</b>	<b>x dB</b> -26.00 dB
<b>Transmit Freq Error</b>	-252.219 kHz
<b>x dB Bandwidth</b>	90.814 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.151. Occupied Bandwidth for SA\_Part22-24-27(Channel:508200, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:245, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2541	99	26	1	Peak	87.46	91.1	90	Pass

Agilent

Ext Ref

**Ch Freq** 2.541 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 11.4 dB

Center 2.541 00 GHz Span 180 MHz

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

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

**87.4633 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -29.057 kHz

**x dB Bandwidth** 91.100 MHz

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**Meas Off**

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.152. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:245, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	87.29	90.95	90	Pass

Agilent
Measure

Ch Freq 2.59299 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.592 99 GHz Span 180 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (900 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
87.2856 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-44.550 kHz
<b>x dB Bandwidth</b>	90.945 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.153. Occupied Bandwidth for SA\_Part22-24-27(Channel:528996, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:245, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2644.98	99	26	1	Peak	87.44	91.02	90	Pass

Agilent

Ext Ref

**Ch Freq** 2.64498 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

Ref 30 dBm      #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.7

dB

Center 2.644 98 GHz Span 180 MHz

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

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

**87.4405 MHz** **x dB** -26.00 dB

**Transmit Freq Error** -204.986 kHz

**x dB Bandwidth** 91.023 MHz

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**5.154. Occupied Bandwidth for SA\_Part22-24-27(Channel:508200, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:245, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2541	99	26	1	Peak	87.54	91.11	90	Pass

Agilent

Measure

Ch Freq 2.541 GHz
Ext Ref

Occupied Bandwidth
Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Trig Free

Log
Ext Ref

10

dB/

Offst

11.4

dB

Center 2.541 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 %
87.5369 MHz	x dB -26.00 dB
Transmit Freq Error	-50.158 kHz
x dB Bandwidth	91.106 MHz

Power Stat
More

CCDF
1 of 2

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**5.155. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:245, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	87.35	90.85	90	Pass

Agilent

Ext Ref

**Ch Freq** 2.59299 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Ref 30 dBm      #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.5

dB

Center 2.592 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 %
87.3506 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-66.625 kHz
<b>x dB Bandwidth</b>	90.850 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More

1 of 2

**5.156. Occupied Bandwidth for SA\_Part22-24-27(Channel:528996, Bandwidth:90, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:245, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2644.98	99	26	1	Peak	87.54	90.82	90	Pass

Agilent
Measure

Ch Freq 2.64498 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
10

dB/
Offst

11.7
dB

Center 2.644 98 GHz
Span 180 MHz

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

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

**87.5404 MHz**
x dB -26.00 dB

Transmit Freq Error -253.899 kHz

x dB Bandwidth 90.824 MHz

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Meas Off

Channel Power

Occupied BW

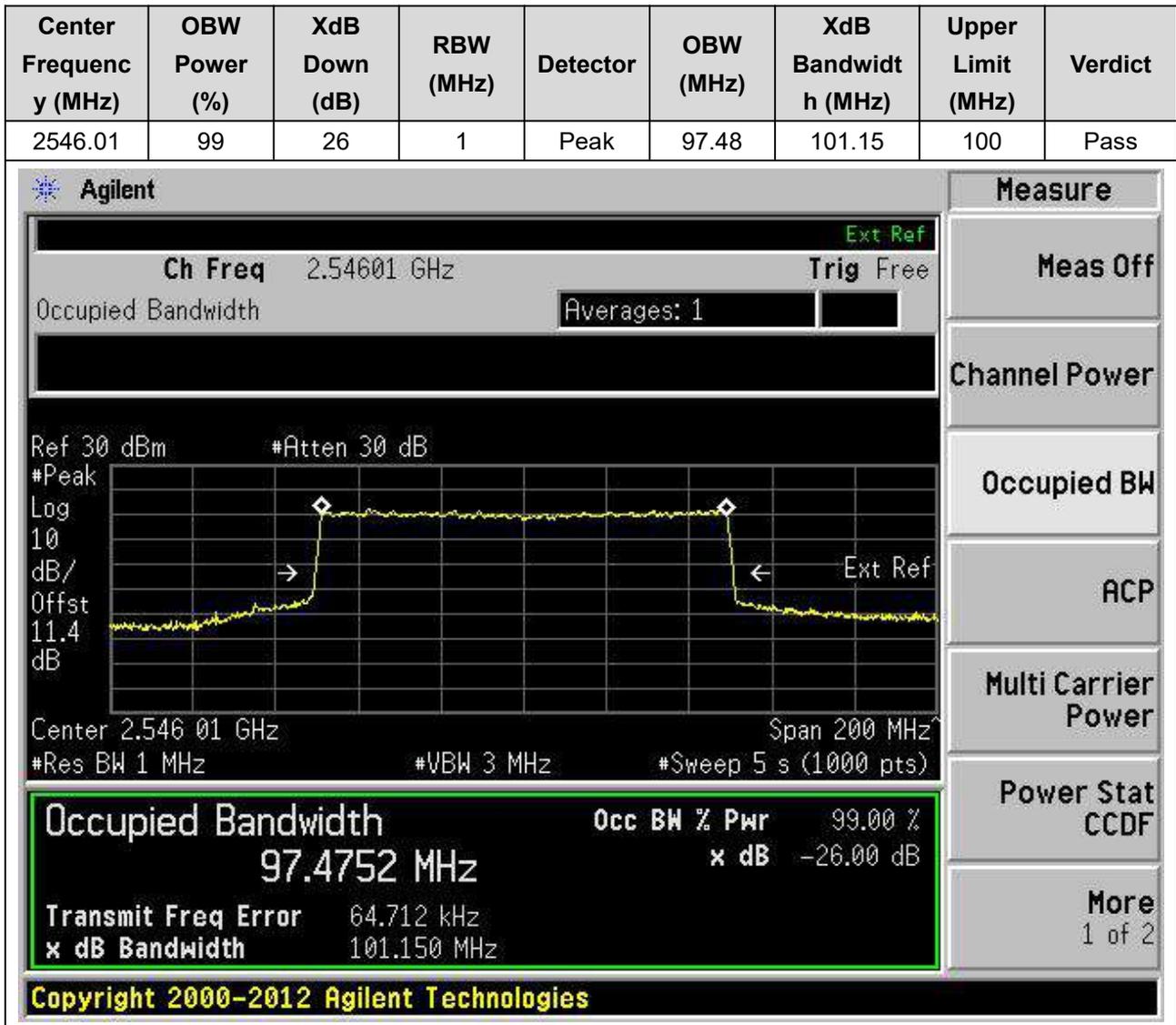
ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.162. Occupied Bandwidth for SA\_Part22-24-27(Channel:509202, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:273, RB Position:0)**



**5.163. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:273, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	97.24	101.13	100	Pass

Agilent
Measure

Ch Freq 2.59299 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 11.5 dB

Center 2.592 99 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 %
97.2429 MHz	x dB -26.00 dB
Transmit Freq Error	-10.646 kHz
x dB Bandwidth	101.132 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.164. Occupied Bandwidth for SA\_Part22-24-27(Channel:528000, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:273, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2640	99	26	1	Peak	97.26	100.91	100	Pass

**Agilent**
**Measure**

**Ch Freq** 2.64 GHz
**Trig** Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm      #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.8

dB

Center 2.640 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 %
97.2599 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-165.293 kHz
<b>x dB Bandwidth</b>	100.906 MHz

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**Meas Off**

---

**Channel Power**

---

**Occupied BW**

---

**ACP**

---

**Multi Carrier Power**

---

**Power Stat CCDF**

---

**More**  
1 of 2

**5.165. Occupied Bandwidth for SA\_Part22-24-27(Channel:509202, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:273, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2546.01	99	26	1	Peak	97.54	101.06	100	Pass

Agilent

Measure

Ch Freq 2.54601 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
10

dB/
Offst

11.4
dB

Center 2.546 01 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 %
97.5413 MHz	x dB -26.00 dB
Transmit Freq Error 2.064 kHz	
x dB Bandwidth 101.065 MHz	

Power Stat CCDF
More 1 of 2

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**5.166. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:273, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	97.35	100.96	100	Pass

Agilent
Measure

Ch Freq 2.59299 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.592 99 GHz Span 200 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (1000 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
97.3512 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> -65.906 kHz	
<b>x dB Bandwidth</b> 100.956 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.167. Occupied Bandwidth for SA\_Part22-24-27(Channel:528000, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:273, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2640	99	26	1	Peak	97.39	100.92	100	Pass

Agilent

Ext Ref

**Ch Freq** 2.64 GHz **Trig** Free

Occupied Bandwidth Averages: 1

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

Ref 30 dBm      #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.8

dB

Center 2.640 00 GHz Span 200 MHz

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

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

97.3897 MHz **x dB** -26.00 dB

**Transmit Freq Error** -200.152 kHz

**x dB Bandwidth** 100.916 MHz

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**5.168. Occupied Bandwidth for SA\_Part22-24-27(Channel:509202, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:273, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2546.01	99	26	1	Peak	97.2	101.03	100	Pass

Agilent

Ext Ref

**Ch Freq** 2.54601 GHz **Trig** Free

Occupied Bandwidth Averages: 1

**Measure**

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

Ref 30 dBm      #Atten 30 dB

#Peak

Log

10

dB/

Offst

11.4

dB

Center 2.546 01 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 %
97.2002 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 34.750 kHz	
<b>x dB Bandwidth</b> 101.027 MHz	

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**5.169. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:273, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	97	100.96	100	Pass

Agilent
Measure

Ch Freq 2.59299 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.592 99 GHz Span 200 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (1000 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
97.0025 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-45.355 kHz
<b>x dB Bandwidth</b>	100.964 MHz

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Meas Off

Channel Power

Occupied BW

ACP

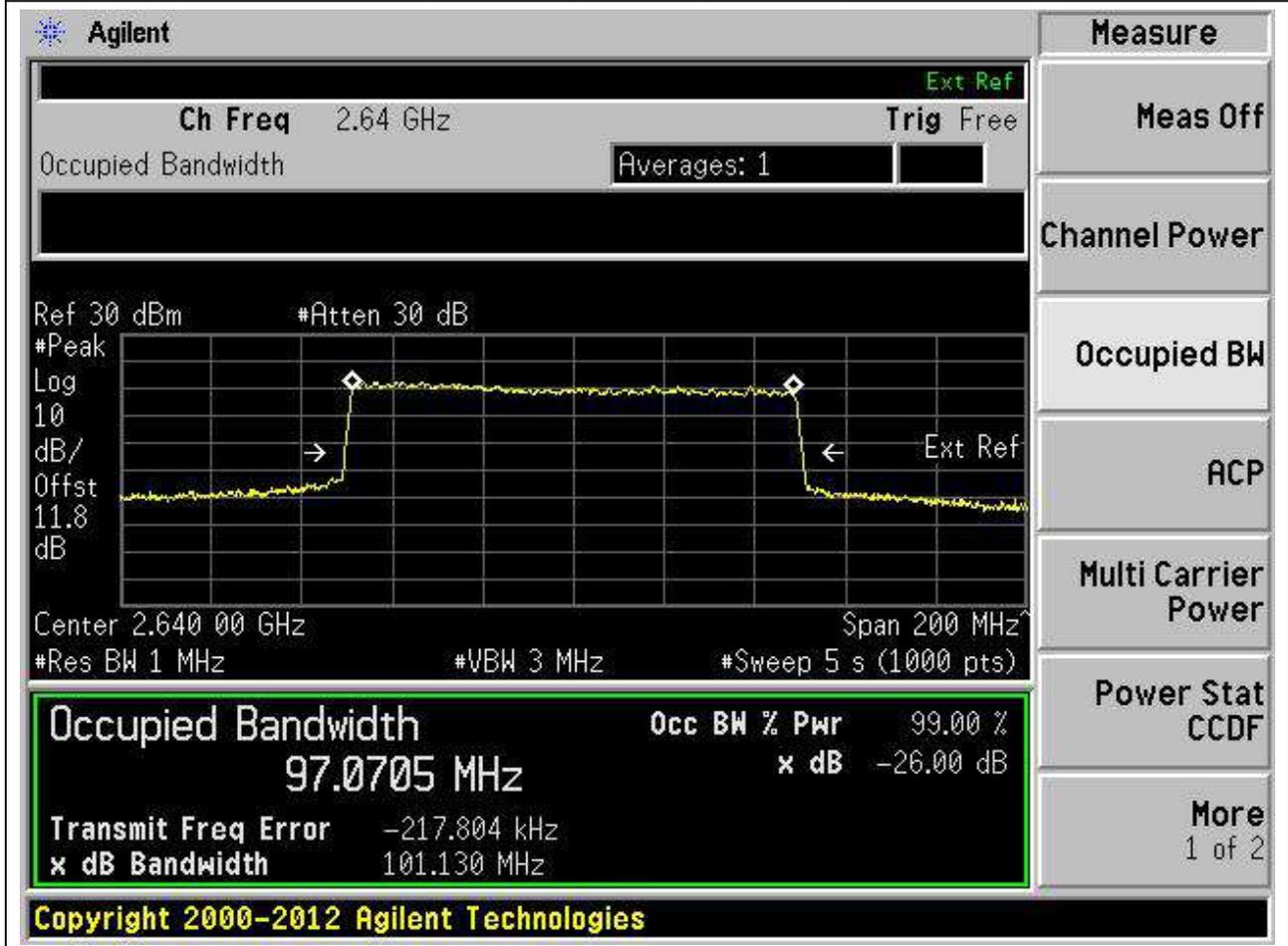
Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.170. Occupied Bandwidth for SA\_Part22-24-27(Channel:528000, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:273, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2640	99	26	1	Peak	97.07	101.13	100	Pass



**5.171. Occupied Bandwidth for SA\_Part22-24-27(Channel:509202, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:273, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2546.01	99	26	1	Peak	97.58	100.97	100	Pass

Agilent
Measure

Ch Freq 2.54601 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm #Atten 30 dB

Center 2.546 01 GHz Span 200 MHz  
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (1000 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b> 99.00 %
97.5850 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b> 59.384 kHz	
<b>x dB Bandwidth</b> 100.973 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.172. Occupied Bandwidth for SA\_Part22-24-27(Channel:518598, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:273, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2592.99	99	26	1	Peak	97.39	100.94	100	Pass

Agilent
Measure

Ch Freq 2.59299 GHz
Trig Free

Occupied Bandwidth
Averages: 1

Ref 30 dBm
#Atten 30 dB

#Peak
Ext Ref

Log
10

dB/
Offst

11.5
dB

Center 2.592 99 GHz
Span 200 MHz

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

Occupied Bandwidth
Occ BW % Pwr 99.00 %

97.3942 MHz
x dB -26.00 dB

Transmit Freq Error -2.733 kHz

x dB Bandwidth 100.937 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**5.173. Occupied Bandwidth for SA\_Part22-24-27(Channel:528000, Bandwidth:100, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:273, RB Position:0)**

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
2640	99	26	1	Peak	97.46	100.99	100	Pass

Agilent
Measure

Ch Freq 2.64 GHz Ext Ref

Trig Free

Occupied Bandwidth Averages: 1

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

Ref 30 dBm #Atten 30 dB

Center 2.640 00 GHz Span 200 MHz

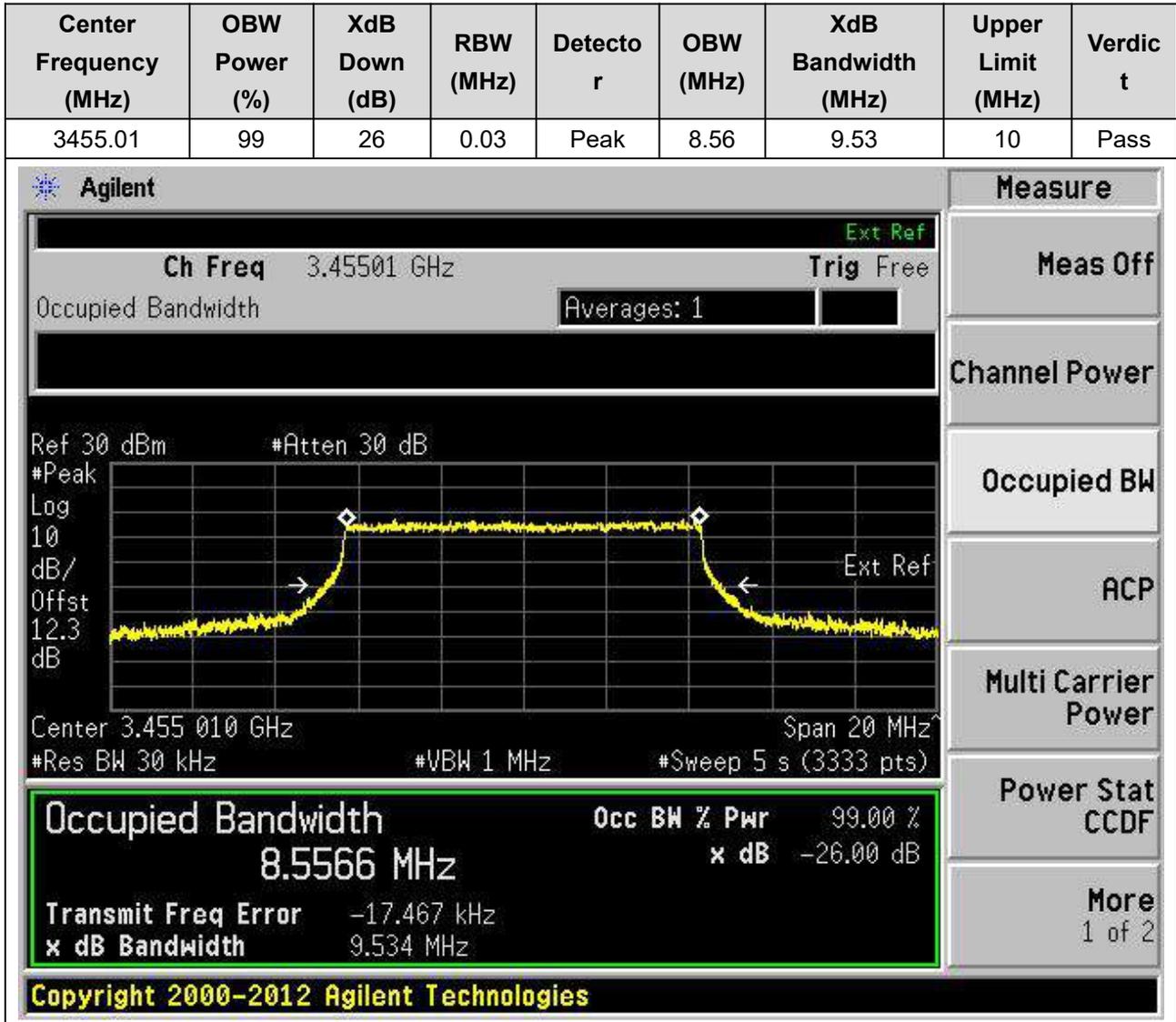
#Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (1000 pts)

<b>Occupied Bandwidth</b>	<b>Occ BW % Pwr</b>	99.00 %				
<b>97.4572 MHz</b>	<b>x dB</b>	-26.00 dB				
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Transmit Freq Error</td> <td style="text-align: right;">-155.833 kHz</td> </tr> <tr> <td>x dB Bandwidth</td> <td style="text-align: right;">100.989 MHz</td> </tr> </table>			Transmit Freq Error	-155.833 kHz	x dB Bandwidth	100.989 MHz
Transmit Freq Error	-155.833 kHz					
x dB Bandwidth	100.989 MHz					

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## 1. n77(3450-3550)

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



**1.2. 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	8.56	9.43	10	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow signal trace. The plot is centered at 3.499980 GHz with a span of 20 MHz. The vertical axis is labeled 'Log 10 dB/Offst 12.3 dB'. The horizontal axis is labeled 'Center 3.499 980 GHz' and 'Span 20 MHz'. The plot shows a signal with a peak level of approximately 10 dBm and a bandwidth of 8.5568 MHz. The signal is measured with a resolution bandwidth (RBW) of 30 kHz and a video bandwidth (VBW) of 1 MHz. The sweep time is 5 seconds (3333 points). The signal is measured with a peak detector and a 30 dB attenuator. The signal is measured with a 30 dB attenuator. The signal is measured with a 30 dB attenuator. The signal is measured with a 30 dB attenuator.

**Occupied Bandwidth** 8.5568 MHz

**Occ BW % Pwr** 99.00 %

**x dB** -26.00 dB

**Transmit Freq Error** -19.226 kHz

**x dB Bandwidth** 9.435 MHz

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**1.3. 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	8.56	9.49	10	Pass

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

Measurement	Value
Occupied Bandwidth	8.5649 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-20.023 kHz
x dB Bandwidth	9.492 MHz

Additional parameters shown in the interface include: Ch Freq 3.54498 GHz, Res BW 30 kHz, Span 20 MHz, and Sweep 5 s (3333 pts). The interface also features a 'Measure' menu on the right with options like Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More.

**1.4. 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	8.57	9.41	10	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 3.45501 GHz, and the span is 20 MHz. The occupied bandwidth is measured as 8.5674 MHz, which is 99.00% of the channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -15.218 kHz, and the XdB bandwidth is 9.410 MHz. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.5674 MHz	x dB	-26.00 dB
Transmit Freq Error		-15.218 kHz
x dB Bandwidth		9.410 MHz

**1.5. 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	8.57	9.45	10	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 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 %
8.5694 MHz	x dB -26.00 dB
<b>Transmit Freq Error</b>	-8.684 kHz
<b>x dB Bandwidth</b>	9.445 MHz

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More  
1 of 2

**1.6. 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	8.57	9.39	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

#Peak
Ext Ref

Log
10

dB/
Offst

12.2
dB

Center 3.544 980 GHz
Span 20 MHz

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

**Occupied Bandwidth**  
8.5695 MHz

**Occ BW % Pwr**  
99.00 %

**Transmit Freq Error**  
-16.475 kHz

**x dB Bandwidth**  
9.385 MHz

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**1.7. 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	8.58	9.46	10	Pass

