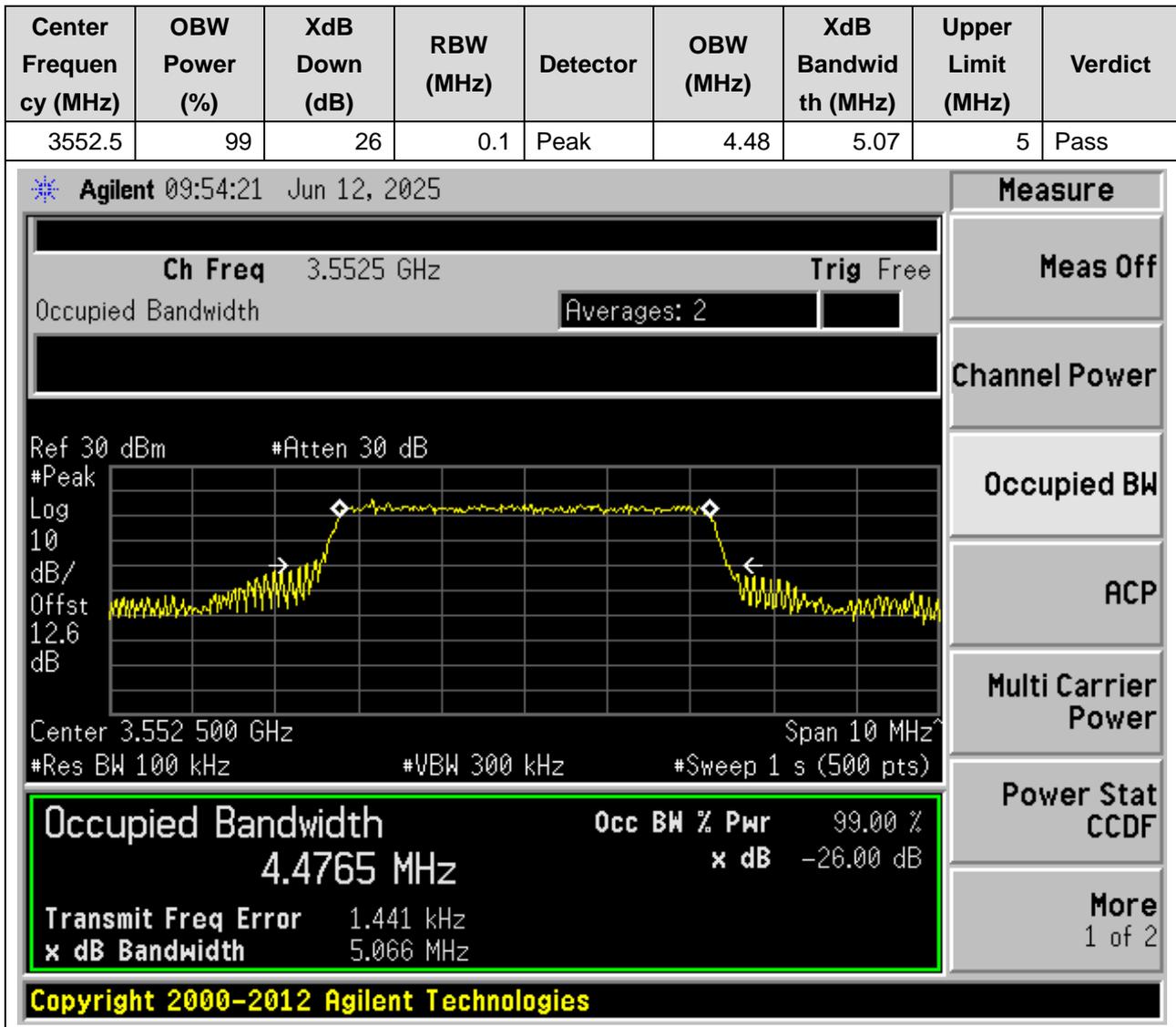


A.3 Occupied Bandwidth

1. LTE_Band48

1.1. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:55265, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)



1.2. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:55265, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3552.5	99	26	0.1	Peak	4.48	4.96	5	Pass

Agilent 04:03:16 Jun 7, 2025

Ch Freq 3.5525 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 12.6 dB

Center 3.552 500 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4804 MHz	x dB	-26.00 dB
Transmit Freq Error	409.230 Hz	
x dB Bandwidth	4.963 MHz	

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

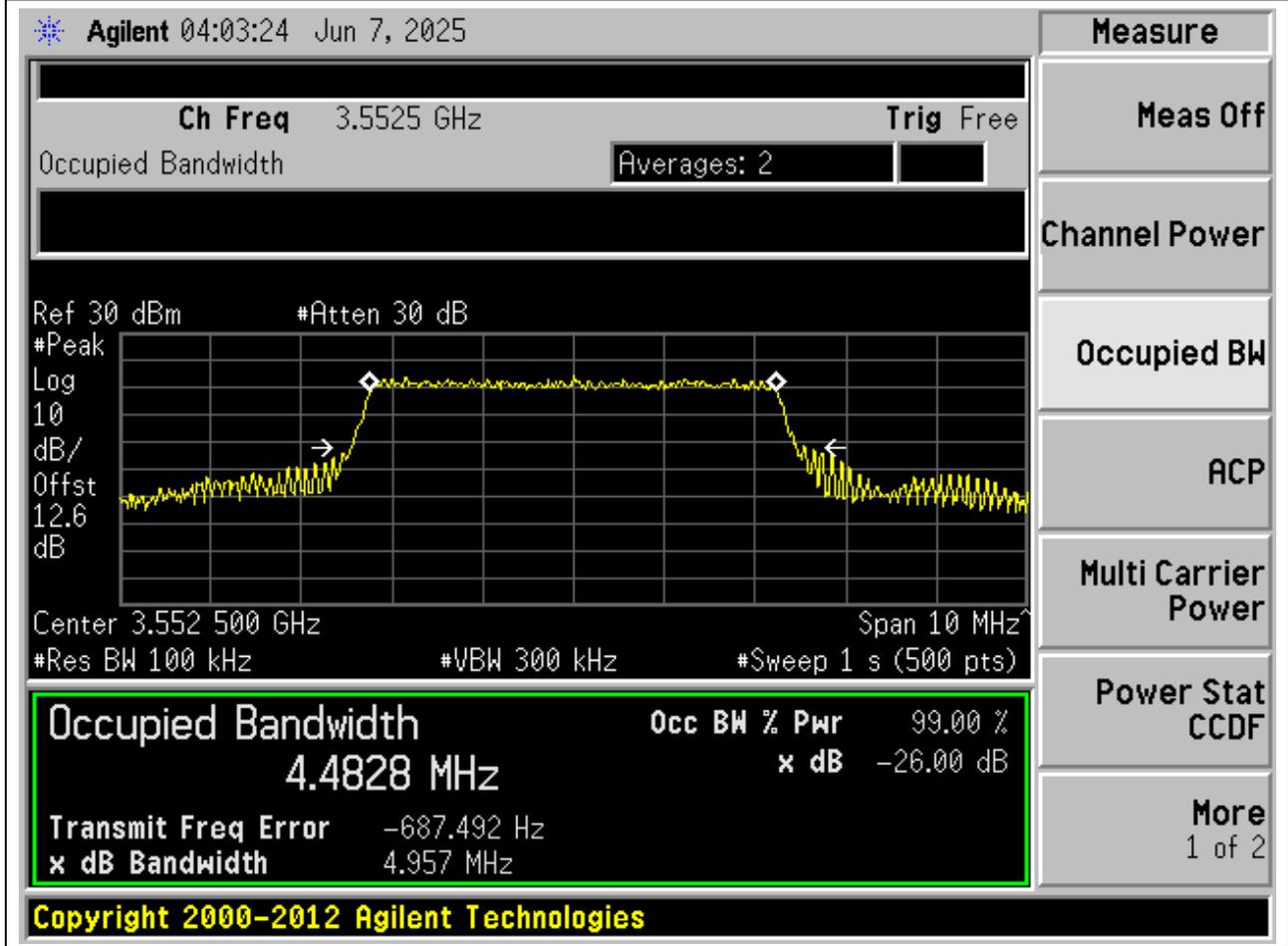
Power Stat CCDF

More 1 of 2

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1.3. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:55265, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3552.5	99	26	0.1	Peak	4.48	4.96	5	Pass



1.4. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:55265, Bandwidth:5, Modulation:256QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3552.5	99	26	0.1	Peak	4.47	4.87	5	Pass

Agilent 04:03:32 Jun 7, 2025

Ch Freq 3.5525 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.6 dB

Center 3.552 500 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4655 MHz	x dB	-26.00 dB
Transmit Freq Error	-5.240 kHz	
x dB Bandwidth	4.875 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.5. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:55990, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3625	99	26	0.1	Peak	4.48	5.06	5	Pass

Agilent 09:28:22 Jun 12, 2025

Ch Freq 3.625 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.6 dB

Center 3.625 000 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4766 MHz	x dB	-26.00 dB
Transmit Freq Error	1.347 kHz	
x dB Bandwidth	5.064 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

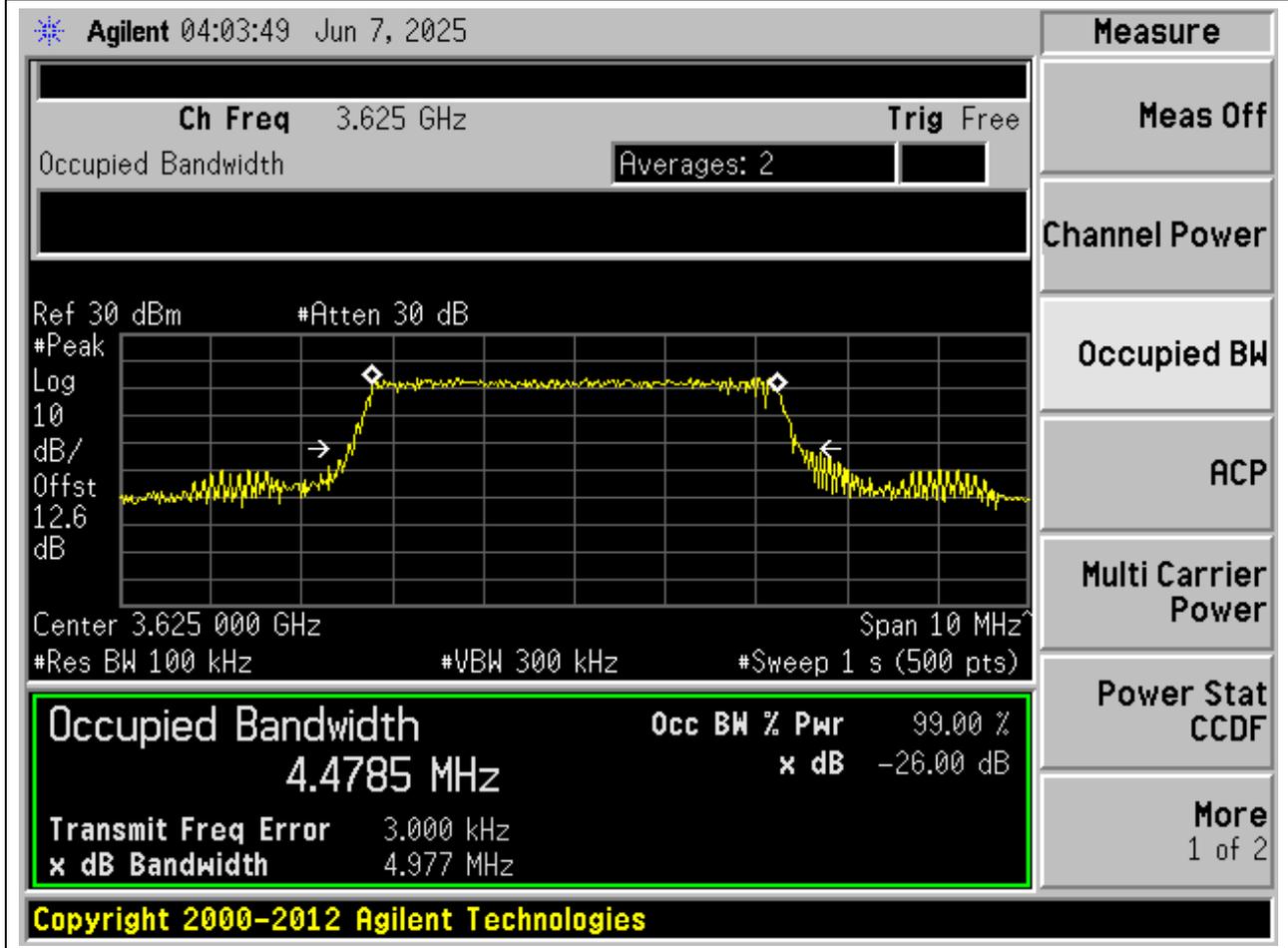
Multi Carrier Power

Power Stat CCDF

More 1 of 2

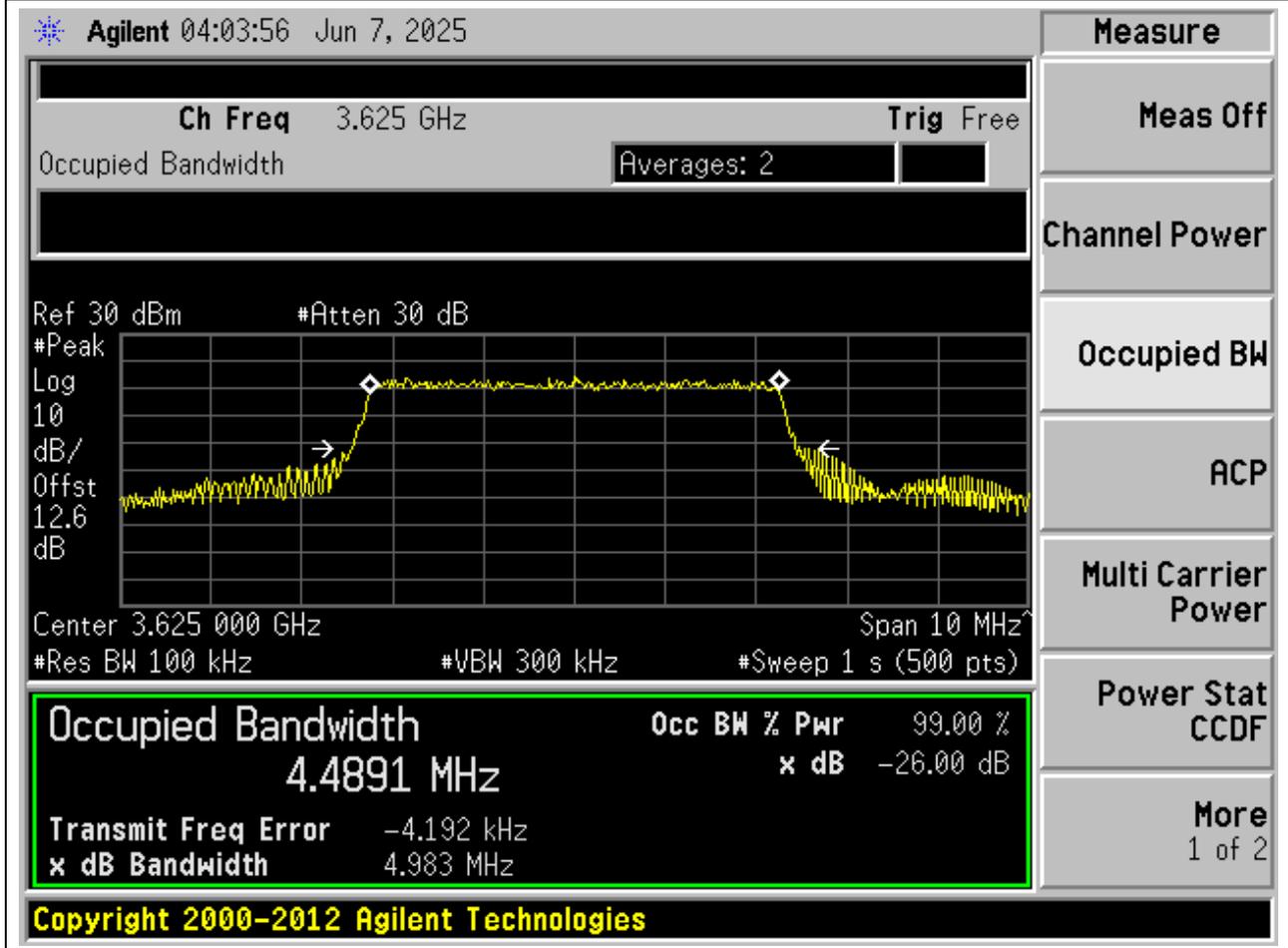
1.6. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:55990, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3625	99	26	0.1	Peak	4.48	4.98	5	Pass



1.7. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:55990, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3625	99	26	0.1	Peak	4.49	4.98	5	Pass



1.8. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:55990, Bandwidth:5, Modulation:256QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3625	99	26	0.1	Peak	4.47	4.93	5	Pass

Agilent 04:04:04 Jun 7, 2025

Ch Freq 3.625 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.6 dB

Center 3.625 000 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4728 MHz	x dB	-26.00 dB
Transmit Freq Error	3.779 kHz	
x dB Bandwidth	4.927 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.9. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:56715, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3697.5	99	26	0.1	Peak	4.49	5.08	5	Pass

Agilent 04:04:14 Jun 7, 2025

Ch Freq 3.6975 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.8 dB

Center 3.697 500 GHz Span 10 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
4.4881 MHz	x dB	-26.00 dB
Transmit Freq Error	-2.918 kHz	
x dB Bandwidth	5.078 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

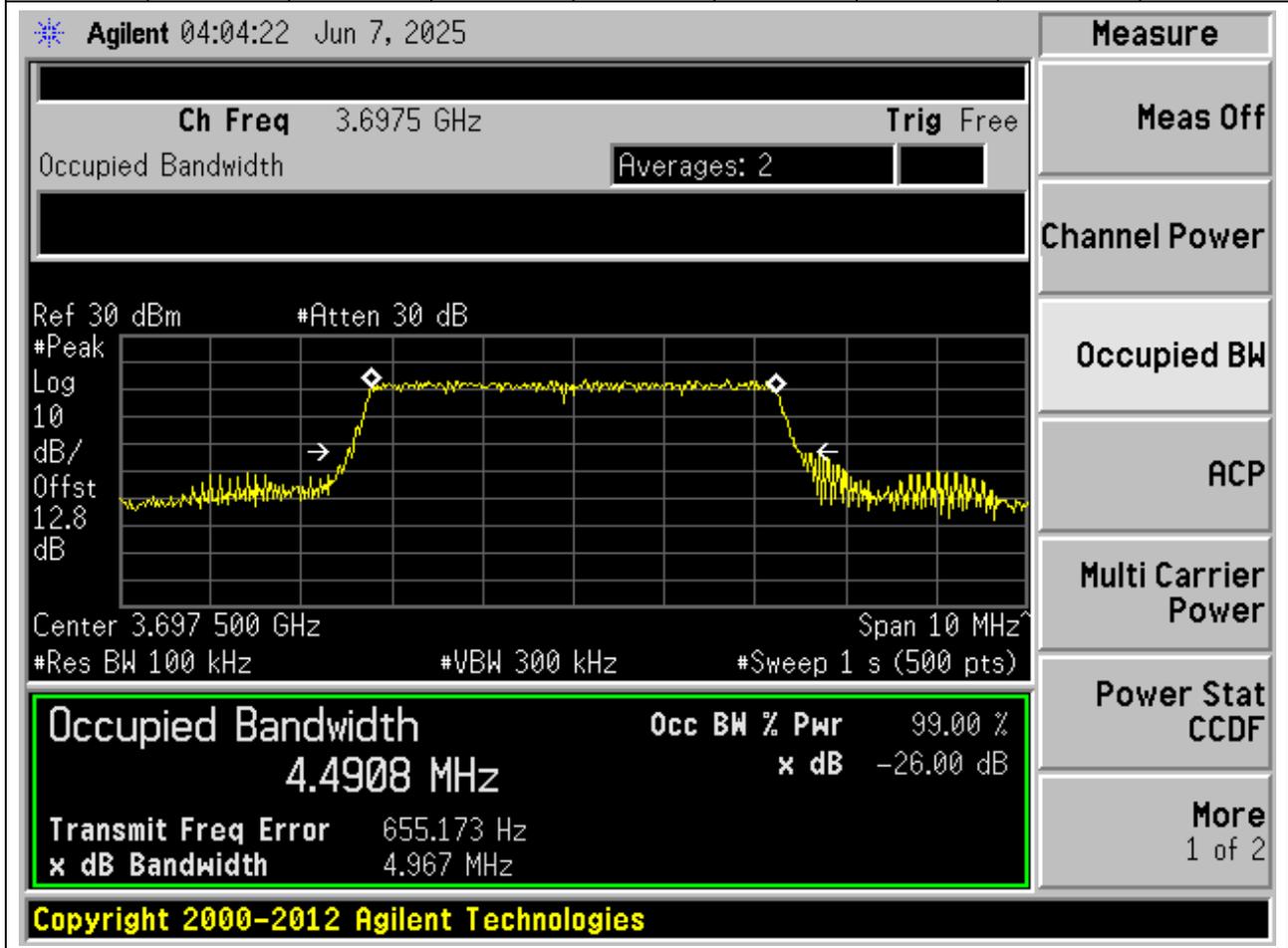
Multi Carrier Power

Power Stat CCDF

More 1 of 2

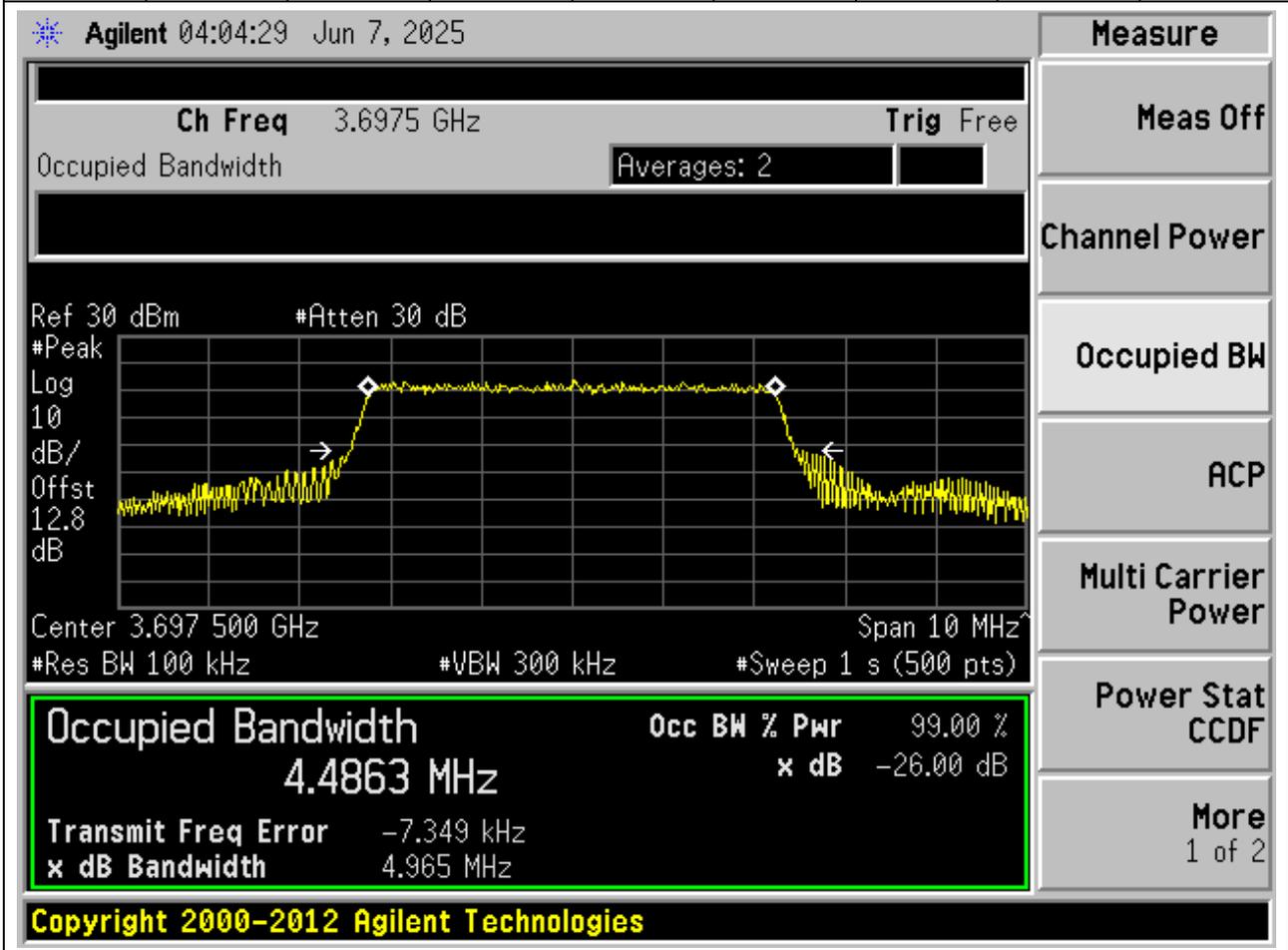
1.10. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:56715, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3697.5	99	26	0.1	Peak	4.49	4.97	5	Pass



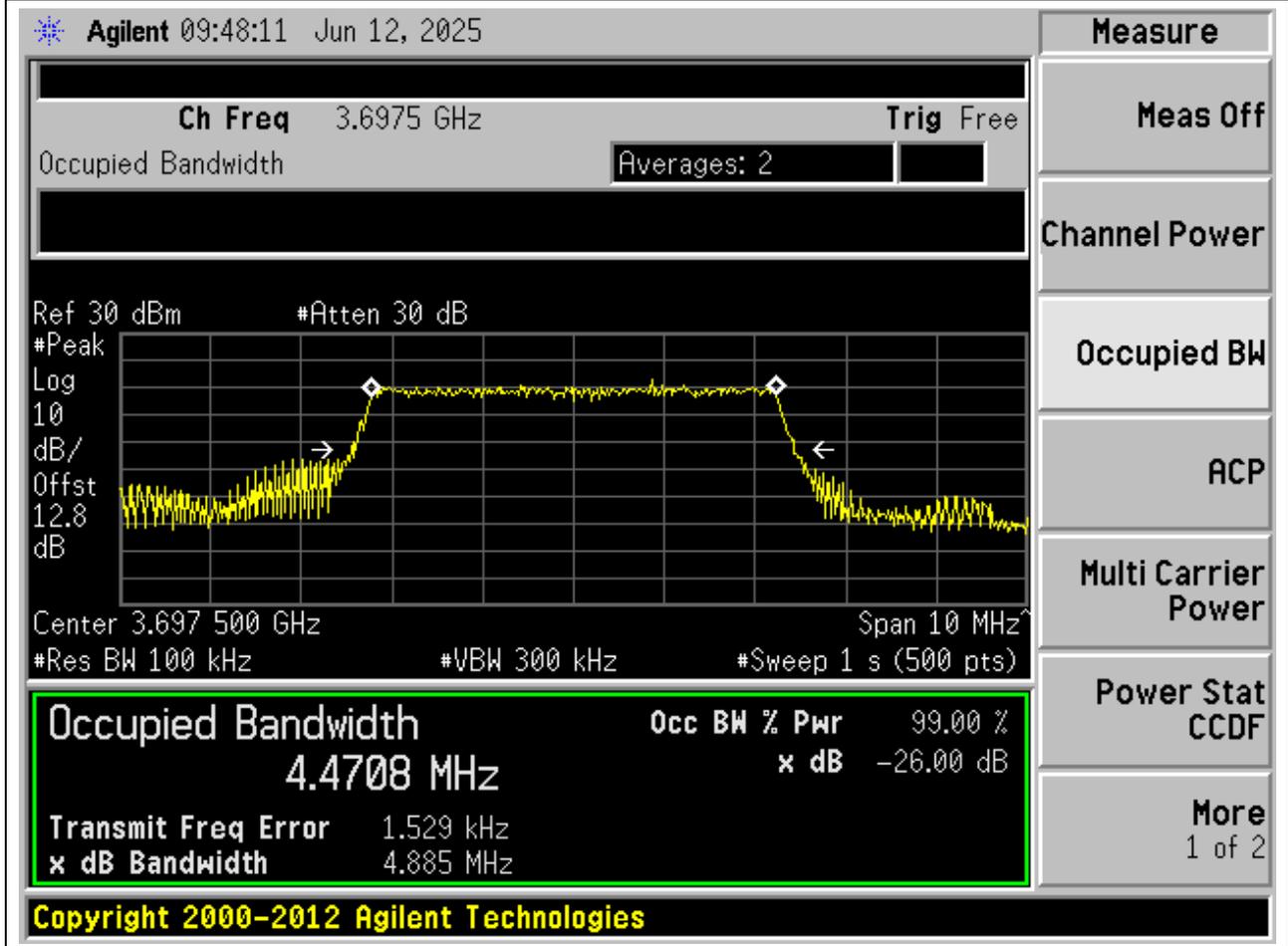
1.11. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:56715, Bandwidth:5, Modulation:64QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3697.5	99	26	0.1	Peak	4.49	4.97	5	Pass



1.12. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:56715, Bandwidth:5, Modulation:256QAM, RB Number:25, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3697.5	99	26	0.1	Peak	4.47	4.89	5	Pass



1.13. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:55290, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3555	99	26	0.2	Peak	8.96	9.72	10	Pass

Agilent 04:04:50 Jun 7, 2025

Ch Freq 3.555 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.6 dB

Center 3.555 00 GHz Span 20 MHz

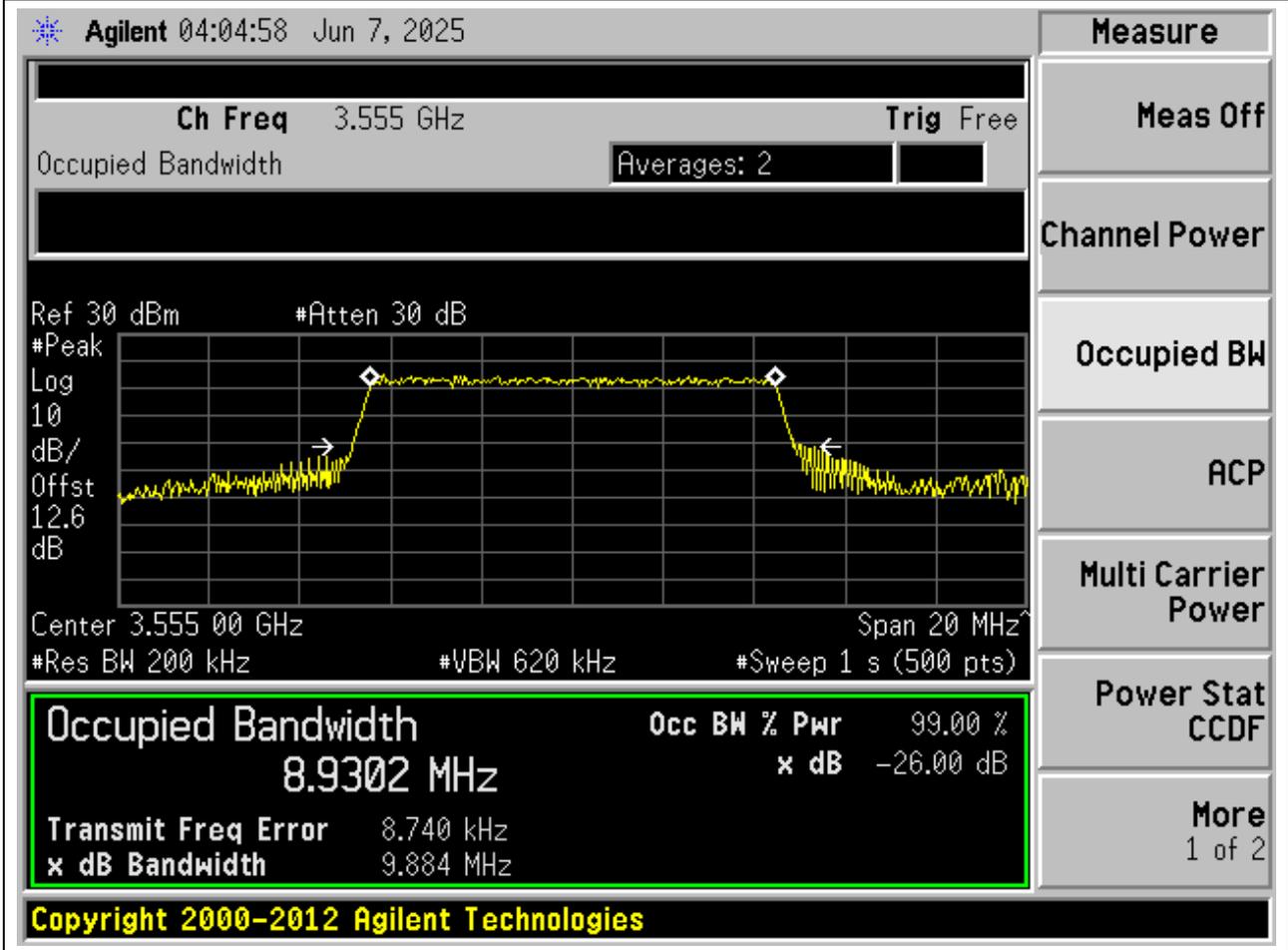
#Res BW 200 kHz #VBW 620 kHz #Sweep 1 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9623 MHz	x dB	-26.00 dB
Transmit Freq Error	1.282 kHz	
x dB Bandwidth	9.720 MHz	

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1.14. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:55290, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3555	99	26	0.2	Peak	8.93	9.88	10	Pass



1.15. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:55290, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3555	99	26	0.2	Peak	8.95	10.22	10	Pass

Agilent 04:05:06 Jun 7, 2025

Ch Freq 3.555 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.6 dB

Center 3.555 00 GHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9537 MHz	x dB	-26.00 dB
Transmit Freq Error	15.587 kHz	
x dB Bandwidth	10.224 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

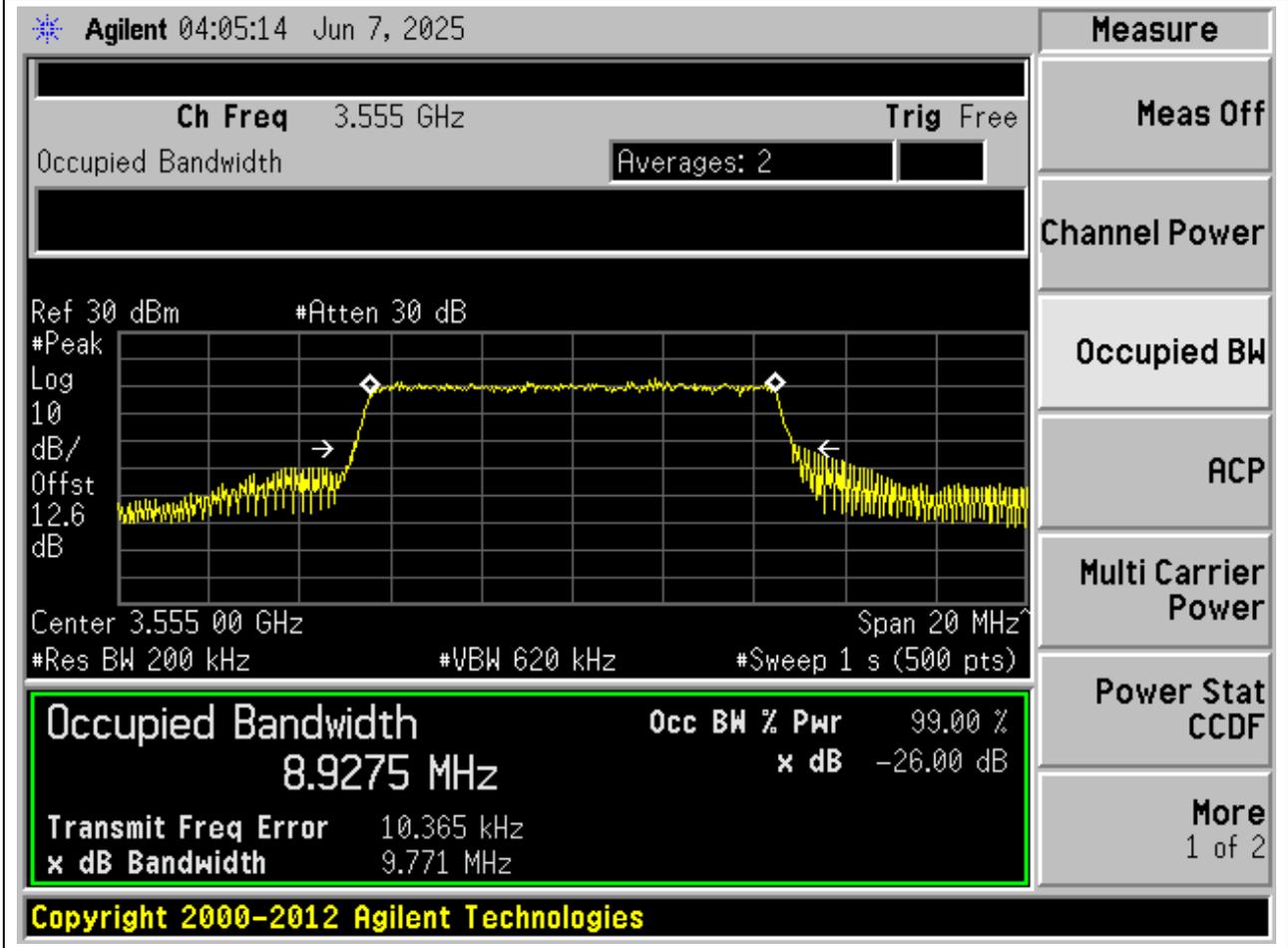
Multi Carrier Power

Power Stat CCDF

More
1 of 2

1.16. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:55290, Bandwidth:10, Modulation:256QAM, RB Number:50, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3555	99	26	0.2	Peak	8.93	9.77	10	Pass



1.17. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:55990, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3625	99	26	0.2	Peak	8.94	9.76	10	Pass

Agilent 09:28:55 Jun 12, 2025

Ch Freq 3.625 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.6 dB

Center 3.625 00 GHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9390 MHz	x dB	-26.00 dB
Transmit Freq Error	-333.314 Hz	
x dB Bandwidth	9.761 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.18. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:55990, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3625	99	26	0.2	Peak	8.93	9.85	10	Pass

Agilent 04:05:34 Jun 7, 2025

Ch Freq 3.625 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.6 dB

Center 3.625 00 GHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9269 MHz	x dB	-26.00 dB
Transmit Freq Error	-7.314 kHz	
x dB Bandwidth	9.848 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

1.19. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:55990, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3625	99	26	0.2	Peak	8.94	9.77	10	Pass

Agilent 09:48:25 Jun 12, 2025

Ch Freq 3.625 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.6 dB

Center 3.625 00 GHz **Span** 20 MHz

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

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

8.9384 MHz **x dB** -26.00 dB

Transmit Freq Error 4.923 kHz

x dB Bandwidth 9.765 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.20. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:55990, Bandwidth:10, Modulation:256QAM, RB Number:50, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3625	99	26	0.2	Peak	8.93	9.83	10	Pass

Agilent 09:29:12 Jun 12, 2025

Ch Freq 3.625 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.6 dB

Center 3.625 00 GHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9293 MHz	x dB	-26.00 dB
Transmit Freq Error	12.303 kHz	
x dB Bandwidth	9.830 MHz	

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

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1.21. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:56690, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3695	99	26	0.2	Peak	8.95	9.75	10	Pass

Agilent 04:06:00 Jun 7, 2025

Ch Freq 3.695 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.8 dB

Center 3.695 00 GHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9509 MHz	x dB	-26.00 dB
Transmit Freq Error	13.334 kHz	
x dB Bandwidth	9.753 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

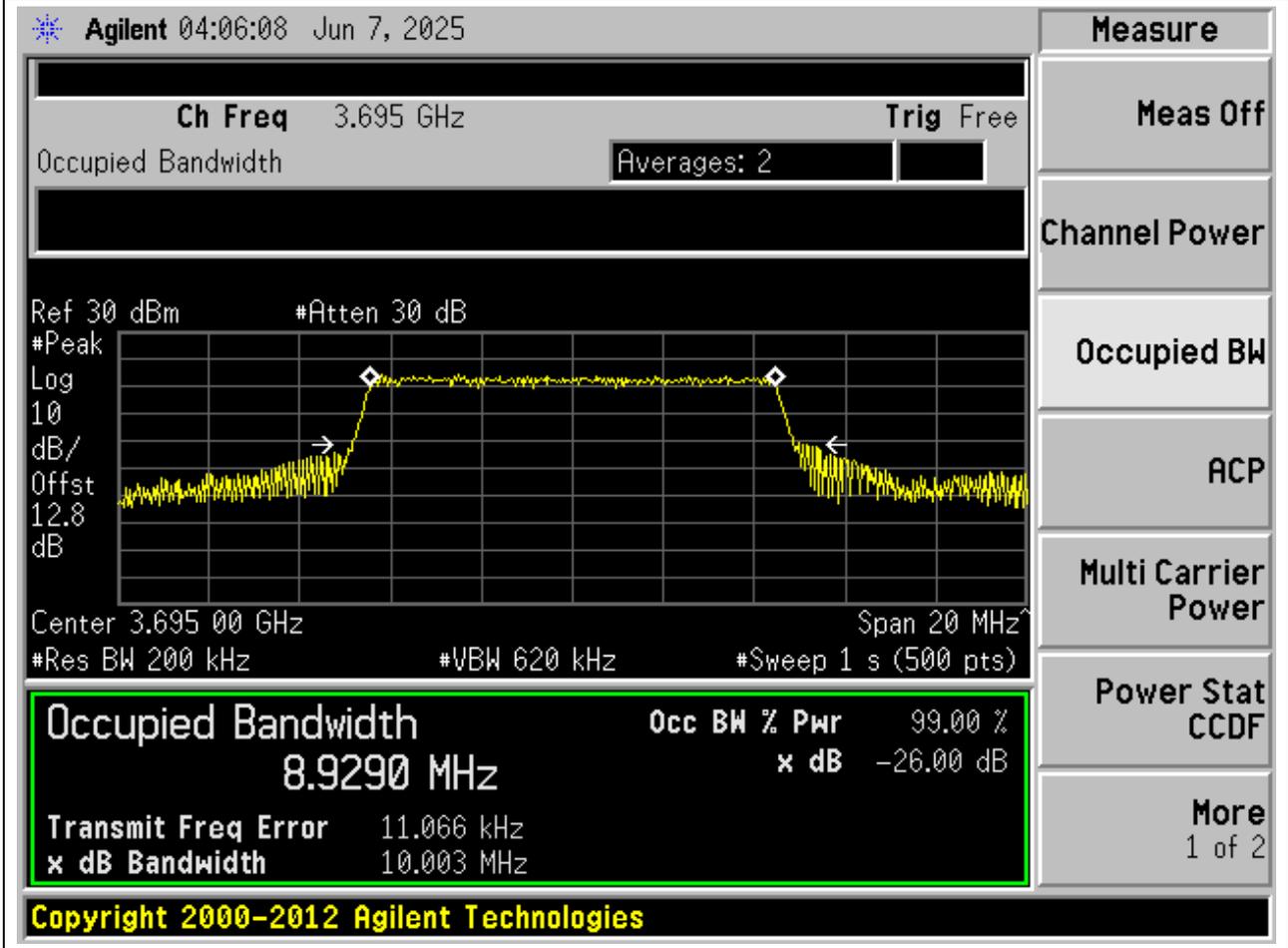
Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.22. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:56690, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3695	99	26	0.2	Peak	8.93	10	10	Pass



1.23. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:56690, Bandwidth:10, Modulation:64QAM, RB Number:50, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3695	99	26	0.2	Peak	8.96	10.33	10	Pass

Agilent 04:06:16 Jun 7, 2025

Ch Freq 3.695 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.8 dB

Center 3.695 00 GHz Span 20 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.9588 MHz	x dB	-26.00 dB
Transmit Freq Error	6.051 kHz	
x dB Bandwidth	10.335 MHz	

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

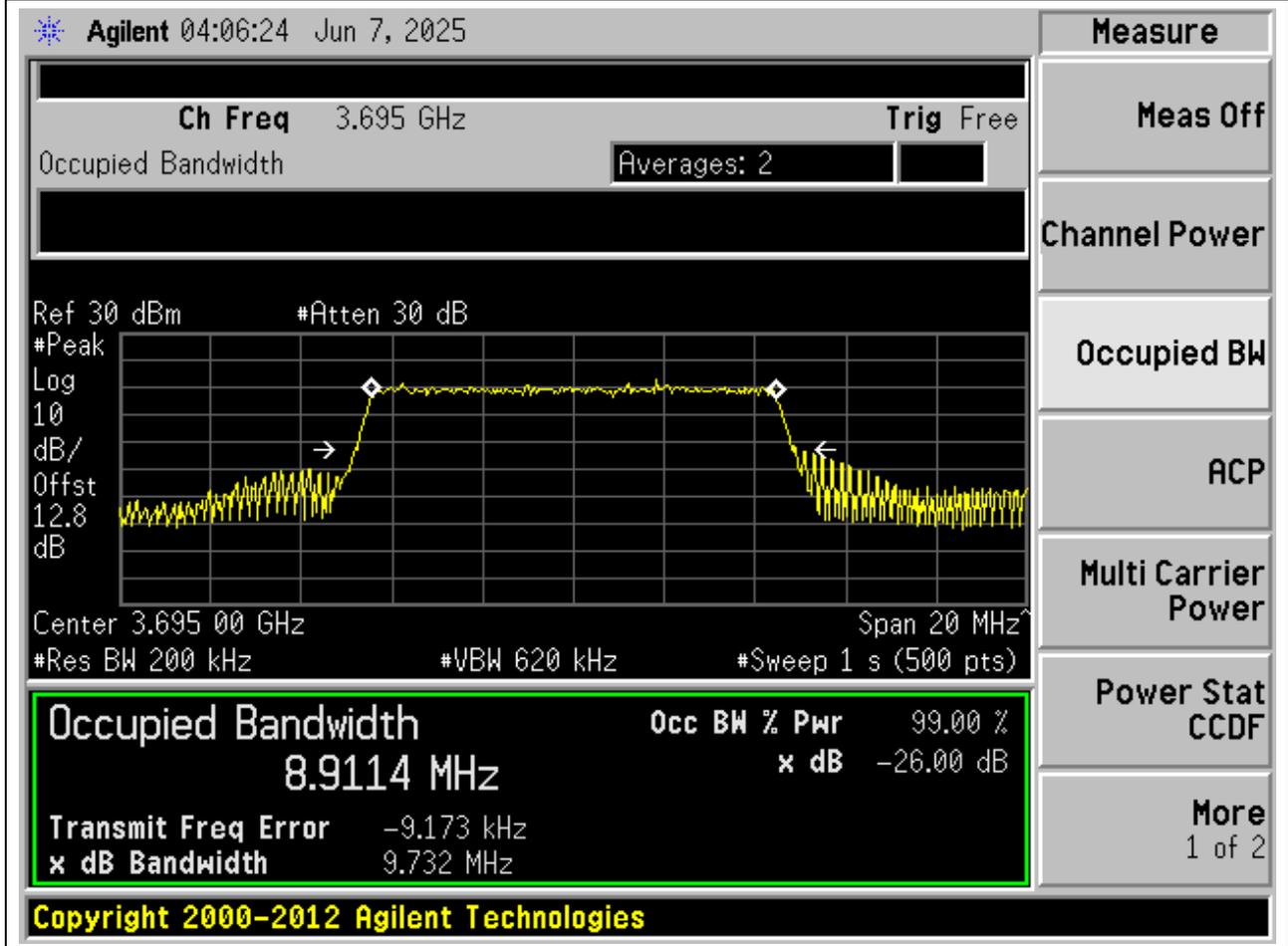
Power Stat CCDF

More 1 of 2

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1.24. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:56690, Bandwidth:10, Modulation:256QAM, RB Number:50, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3695	99	26	0.2	Peak	8.91	9.73	10	Pass



1.25. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:55315, Bandwidth:15, Modulation:QPSK, RB Number:75, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3557.5	99	26	0.3	Peak	13.47	14.34	15	Pass

Agilent 04:06:36 Jun 7, 2025

Ch Freq 3.5575 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.6 dB

Center 3.557 50 GHz Span 30 MHz

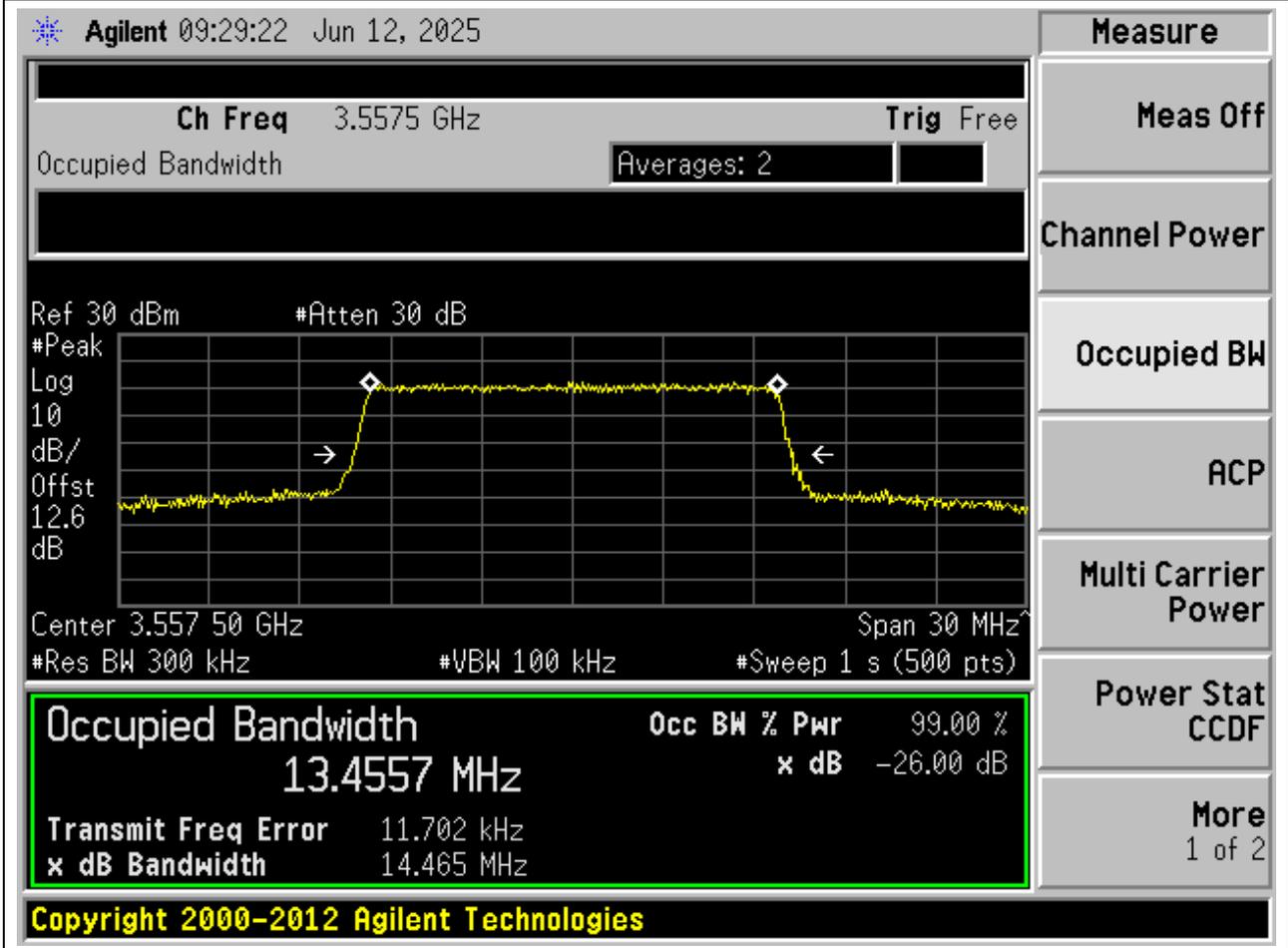
#Res BW 300 kHz #VBW 100 kHz #Sweep 1 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4693 MHz	x dB	-26.00 dB
Transmit Freq Error	-18.812 kHz	
x dB Bandwidth	14.338 MHz	

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1.26. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:55315, Bandwidth:15, Modulation:16QAM, RB Number:75, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3557.5	99	26	0.3	Peak	13.46	14.47	15	Pass



1.27. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:55315, Bandwidth:15, Modulation:64QAM, RB Number:75, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3557.5	99	26	0.3	Peak	13.47	14.38	15	Pass

Agilent 04:06:52 Jun 7, 2025

Ch Freq 3.5575 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.6 dB

Center 3.557 50 GHz Span 30 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

13.4739 MHz x dB -26.00 dB

Transmit Freq Error 241.716 Hz

x dB Bandwidth 14.379 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.28. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:55315, Bandwidth:15, Modulation:256QAM, RB Number:75, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3557.5	99	26	0.3	Peak	13.47	14.35	15	Pass

Agilent 09:48:35 Jun 12, 2025

Ch Freq 3.5575 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.6 dB

Center 3.557 50 GHz Span 30 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4673 MHz	x dB	-26.00 dB
Transmit Freq Error	-8.589 kHz	
x dB Bandwidth	14.354 MHz	

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1.29. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:55990, Bandwidth:15, Modulation:QPSK, RB Number:75, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3625	99	26	0.3	Peak	13.49	14.35	15	Pass

Agilent 04:07:13 Jun 7, 2025

Ch Freq 3.625 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.6 dB

Center 3.625 00 GHz Span 30 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4876 MHz	x dB	-26.00 dB
Transmit Freq Error	-15.195 kHz	
x dB Bandwidth	14.346 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

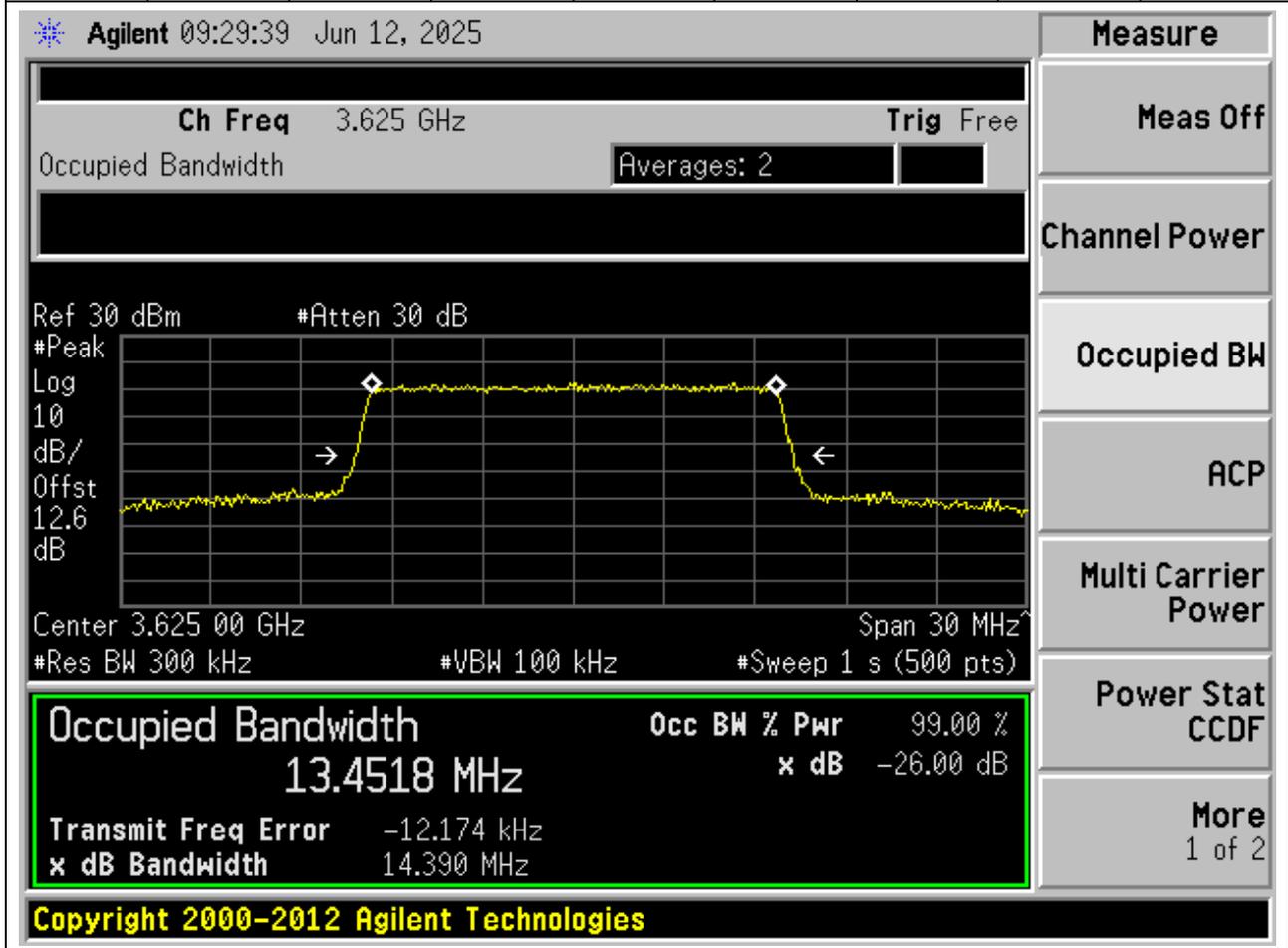
Multi Carrier Power

Power Stat CCDF

More
1 of 2

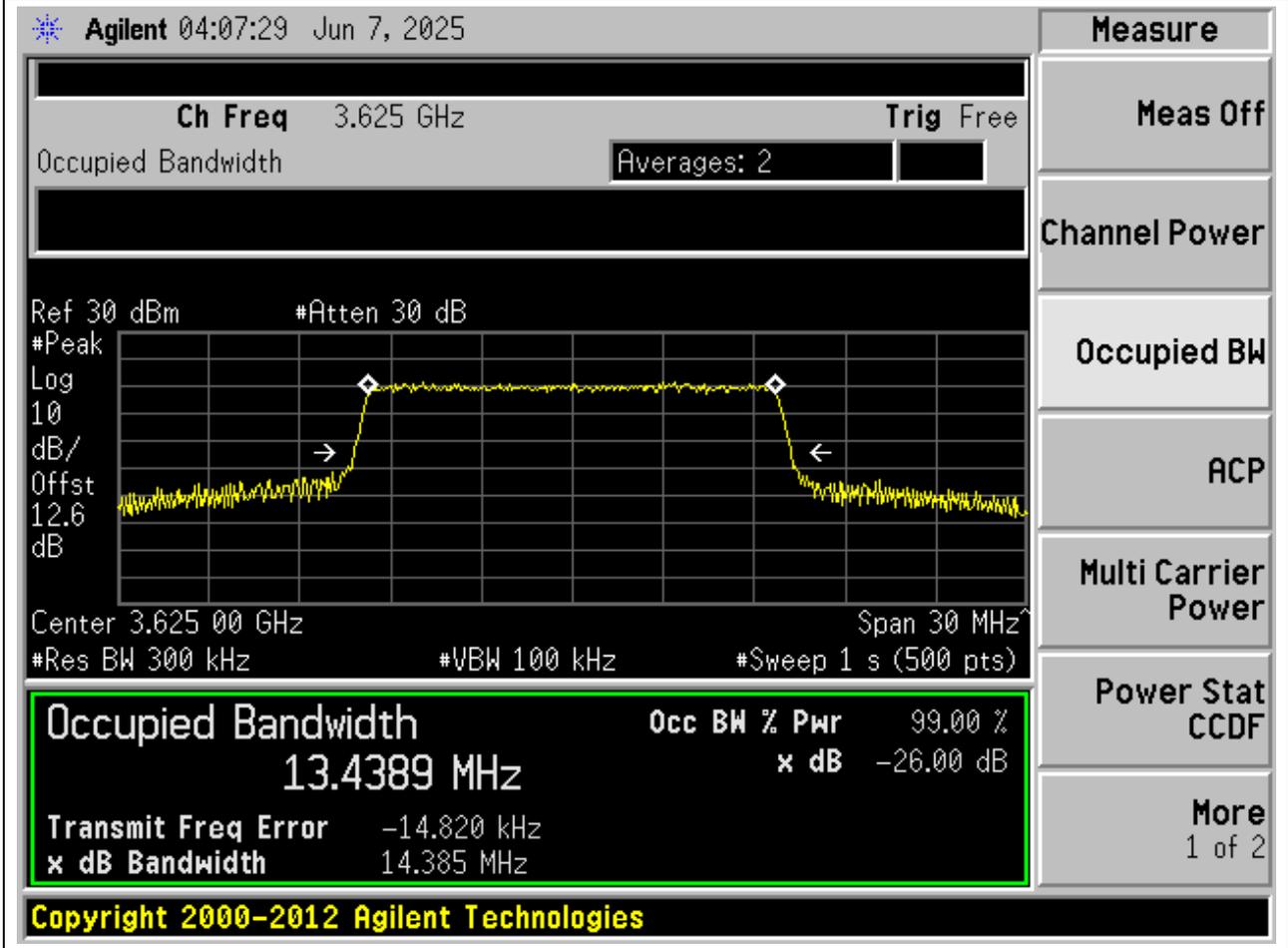
1.30. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:55990, Bandwidth:15, Modulation:16QAM, RB Number:75, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3625	99	26	0.3	Peak	13.45	14.39	15	Pass



1.31. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:55990, Bandwidth:15, Modulation:64QAM, RB Number:75, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3625	99	26	0.3	Peak	13.44	14.38	15	Pass



1.32. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:55990, Bandwidth:15, Modulation:256QAM, RB Number:75, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3625	99	26	0.3	Peak	13.45	14.35	15	Pass

Agilent 04:07:37 Jun 7, 2025

Ch Freq 3.625 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.6 dB

Center 3.625 00 GHz Span 30 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4494 MHz	x dB	-26.00 dB
Transmit Freq Error	-10.897 kHz	
x dB Bandwidth	14.352 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

1.33. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:56665, Bandwidth:15, Modulation:QPSK, RB Number:75, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3692.5	99	26	0.3	Peak	13.46	14.36	15	Pass

Agilent 09:29:48 Jun 12, 2025

Ch Freq 3.6925 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.8 dB

Center 3.69250 GHz Span 30 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4593 MHz	x dB	-26.00 dB
Transmit Freq Error	-8.151 kHz	
x dB Bandwidth	14.363 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.34. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:56665, Bandwidth:15, Modulation:16QAM, RB Number:75, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3692.5	99	26	0.3	Peak	13.48	14.34	15	Pass

Agilent 09:48:44 Jun 12, 2025

Ch Freq 3.6925 GHz **Trig** Free

Occupied Bandwidth **Averages: 2**

Ref 30 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 12.8 dB

Center 3.69250 GHz Span 30 MHz

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4795 MHz	x dB	-26.00 dB
Transmit Freq Error	-21.060 kHz	
x dB Bandwidth	14.343 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

1.35. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:56665, Bandwidth:15, Modulation:64QAM, RB Number:75, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3692.5	99	26	0.3	Peak	13.44	14.33	15	Pass

Agilent 09:30:04 Jun 12, 2025

Ch Freq 3.6925 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.8 dB

Center 3.692 50 GHz Span 30 MHz

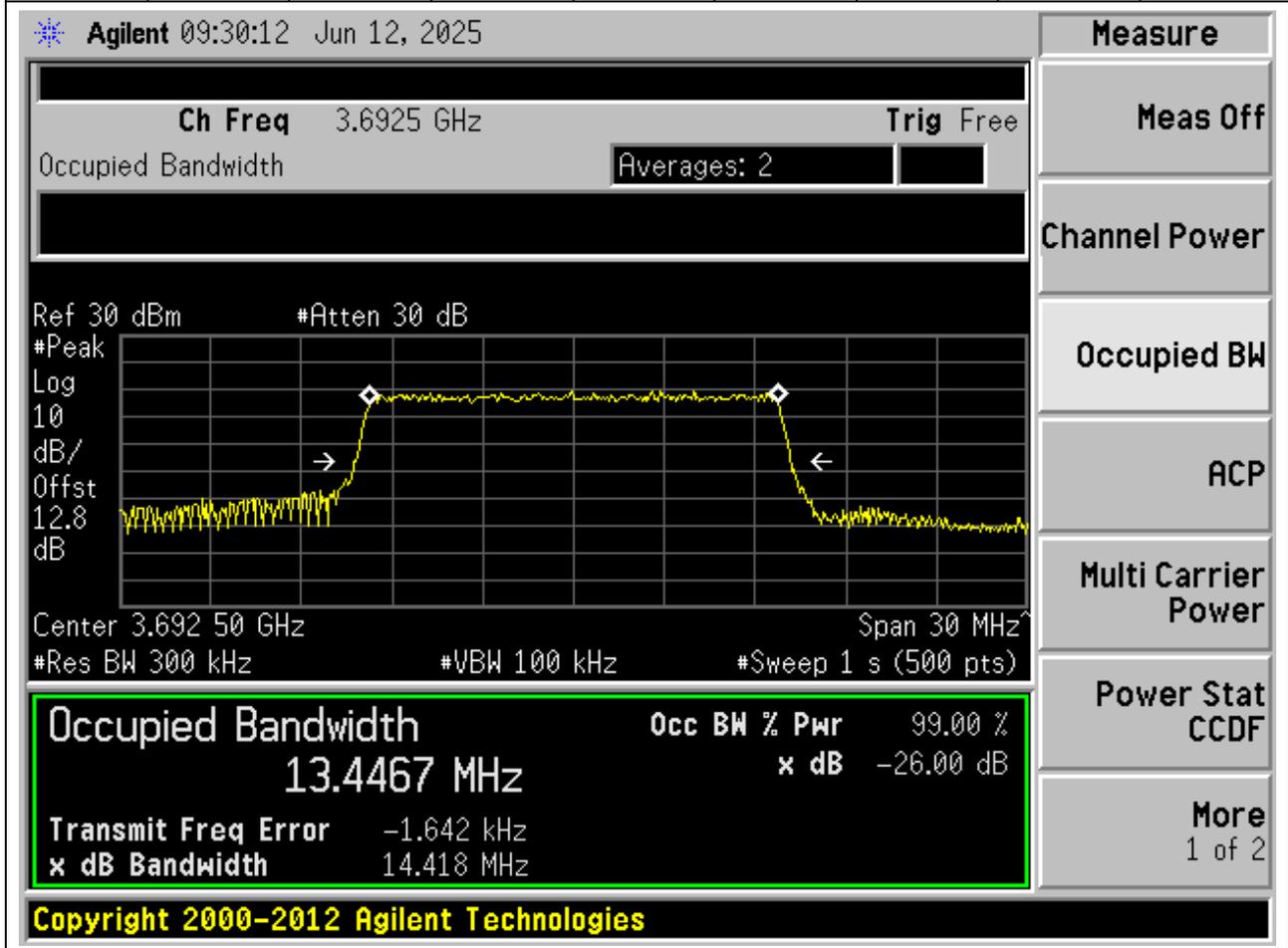
#Res BW 300 kHz #VBW 100 kHz #Sweep 1 s (500 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.4436 MHz	x dB	-26.00 dB
Transmit Freq Error	15.512 kHz	
x dB Bandwidth	14.333 MHz	

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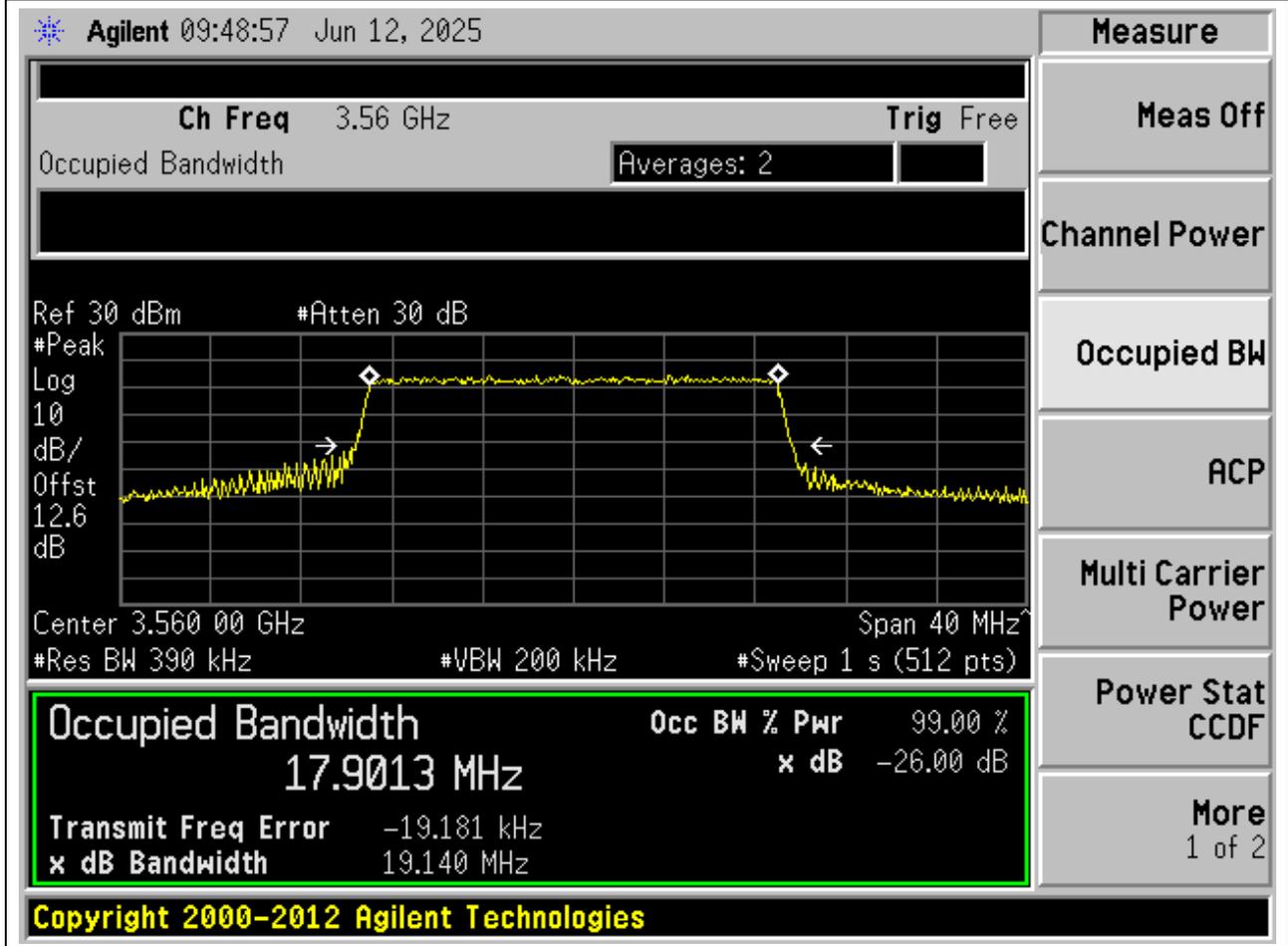
1.36. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:56665, Bandwidth:15, Modulation:256QAM, RB Number:75, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3692.5	99	26	0.3	Peak	13.45	14.42	15	Pass



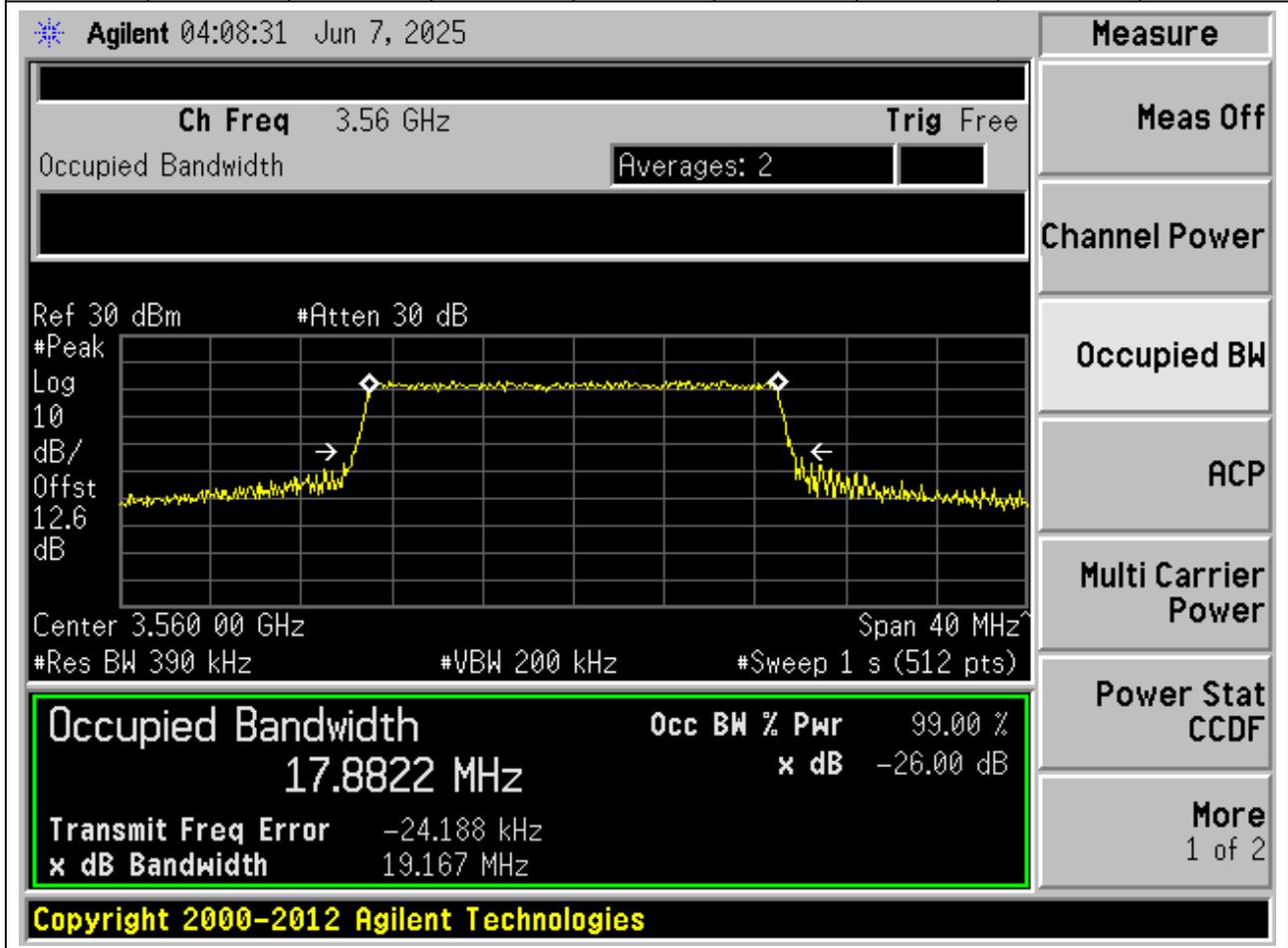
1.37. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:55340, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3560	99	26	0.39	Peak	17.9	19.14	20	Pass



1.38. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:55340, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3560	99	26	0.39	Peak	17.88	19.17	20	Pass



1.39. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:55340, Bandwidth:20, Modulation:64QAM, RB Number:100, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3560	99	26	0.39	Peak	17.93	19.17	20	Pass

Agilent 09:30:32 Jun 12, 2025

Ch Freq 3.56 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak

Log 10 dB/Offst 12.6 dB

Center 3.560 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 200 kHz #Sweep 1 s (512 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.9314 MHz	x dB	-26.00 dB
Transmit Freq Error	-1.441 kHz	
x dB Bandwidth	19.167 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

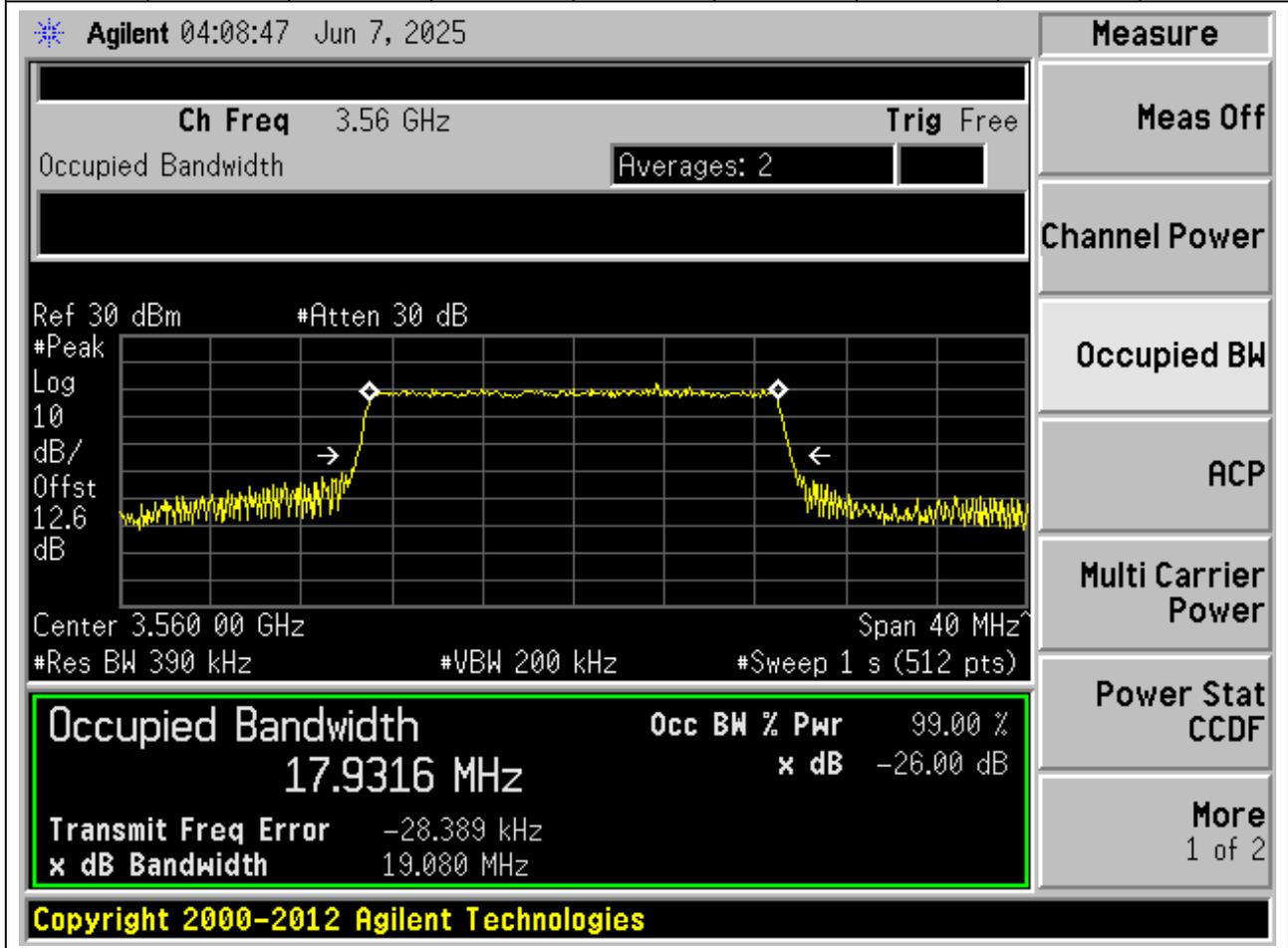
Multi Carrier Power

Power Stat CCDF

More
1 of 2

1.40. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:55340, Bandwidth:20, Modulation:256QAM, RB Number:100, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3560	99	26	0.39	Peak	17.93	19.08	20	Pass



1.41. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:55990, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3625	99	26	0.39	Peak	17.96	19.23	20	Pass

Agilent 10:00:31 Jun 12, 2025

Ch Freq 3.625 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.6 dB

Center 3.625 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 200 kHz #Sweep 1 s (512 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.9580 MHz	x dB	-26.00 dB
Transmit Freq Error	4.861 kHz	
x dB Bandwidth	19.232 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.42. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:55990, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3625	99	26	0.39	Peak	17.88	19.17	20	Pass

Agilent 04:09:04 Jun 7, 2025

Ch Freq 3.625 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.6 dB

Center 3.625 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 200 kHz #Sweep 1 s (512 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.8838 MHz	x dB	-26.00 dB
Transmit Freq Error	-19.069 kHz	
x dB Bandwidth	19.168 MHz	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

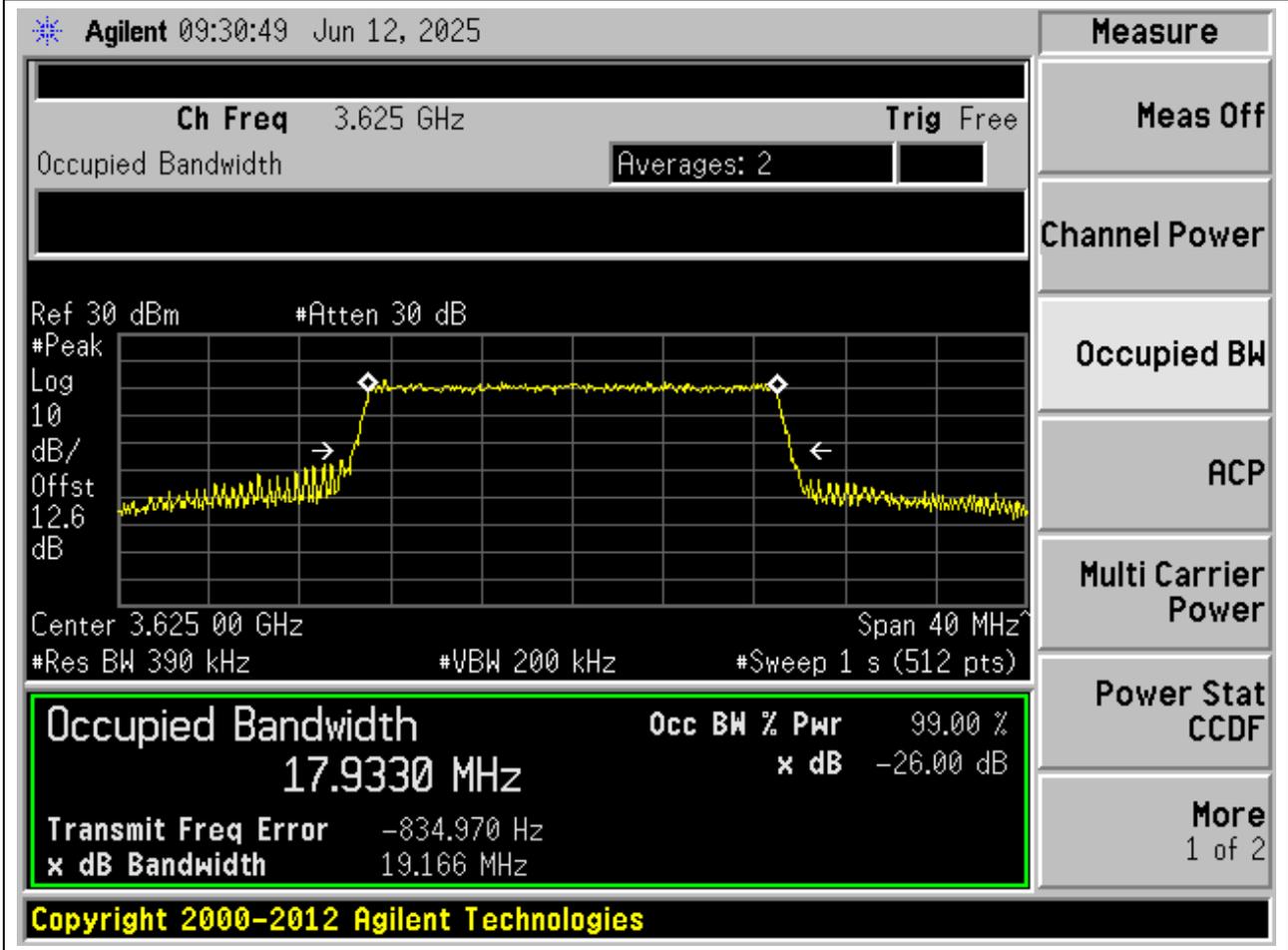
Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.43. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:55990, Bandwidth:20, Modulation:64QAM, RB Number:100, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3625	99	26	0.39	Peak	17.93	19.17	20	Pass



1.44. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:55990, Bandwidth:20, Modulation:256QAM, RB Number:100, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3625	99	26	0.39	Peak	17.94	19.03	20	Pass

Agilent 04:09:20 Jun 7, 2025

Ch Freq 3.625 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.6 dB

Center 3.625 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 200 kHz #Sweep 1 s (512 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.9398 MHz	x dB	-26.00 dB
Transmit Freq Error		-27.189 kHz
x dB Bandwidth		19.027 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

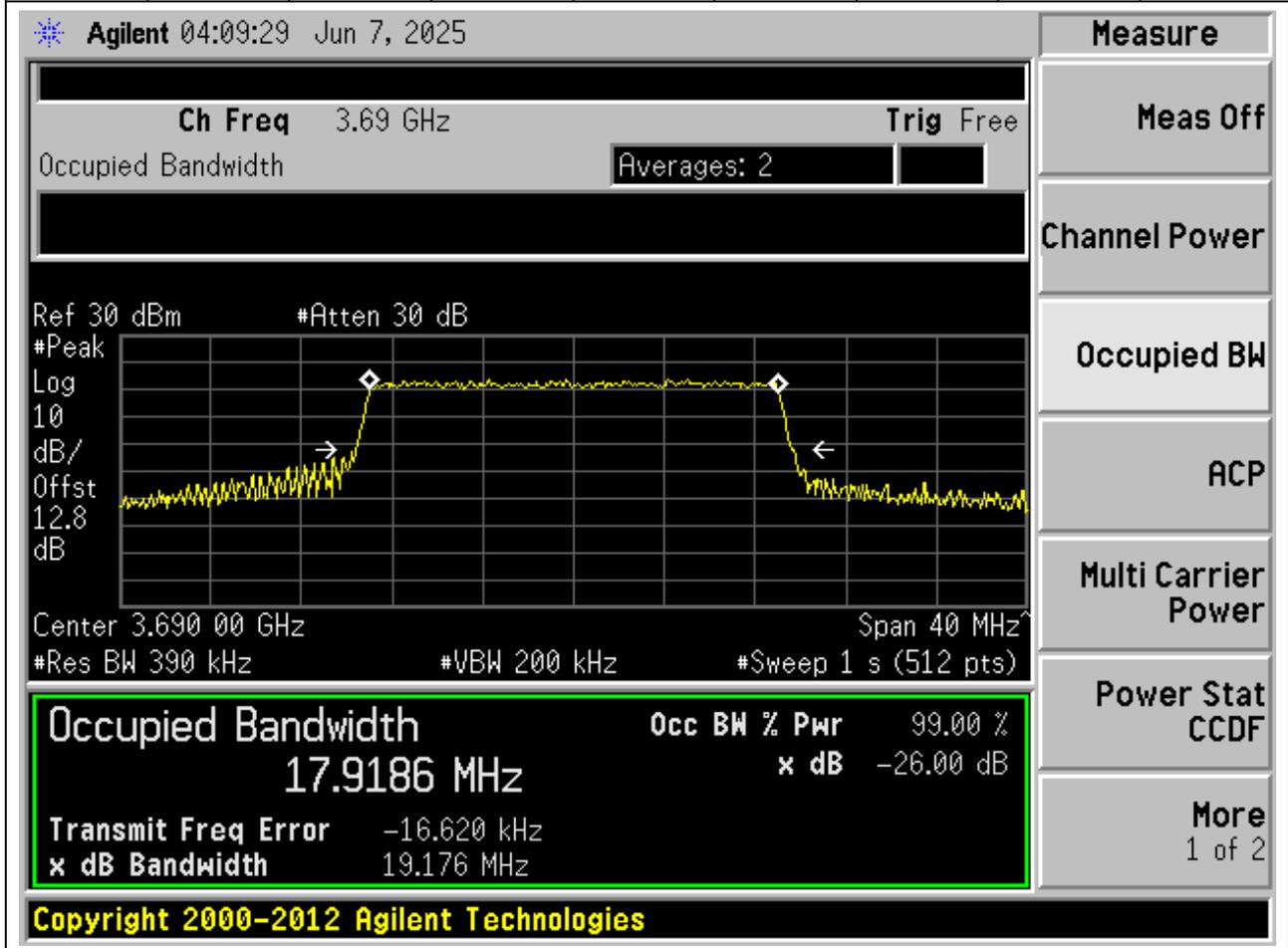
Multi Carrier Power

Power Stat CCDF

More 1 of 2

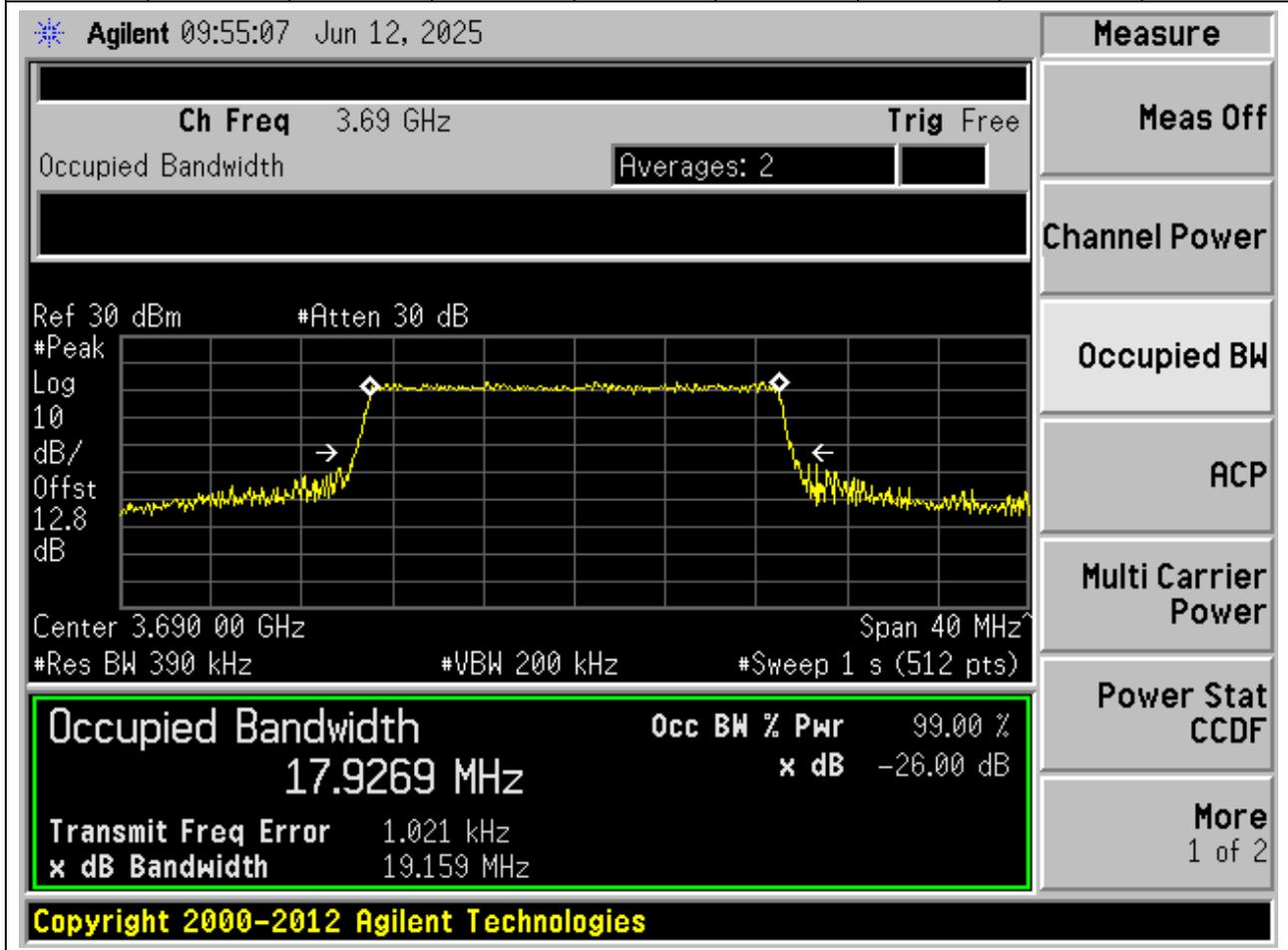
1.45. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:56640, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3690	99	26	0.39	Peak	17.92	19.18	20	Pass



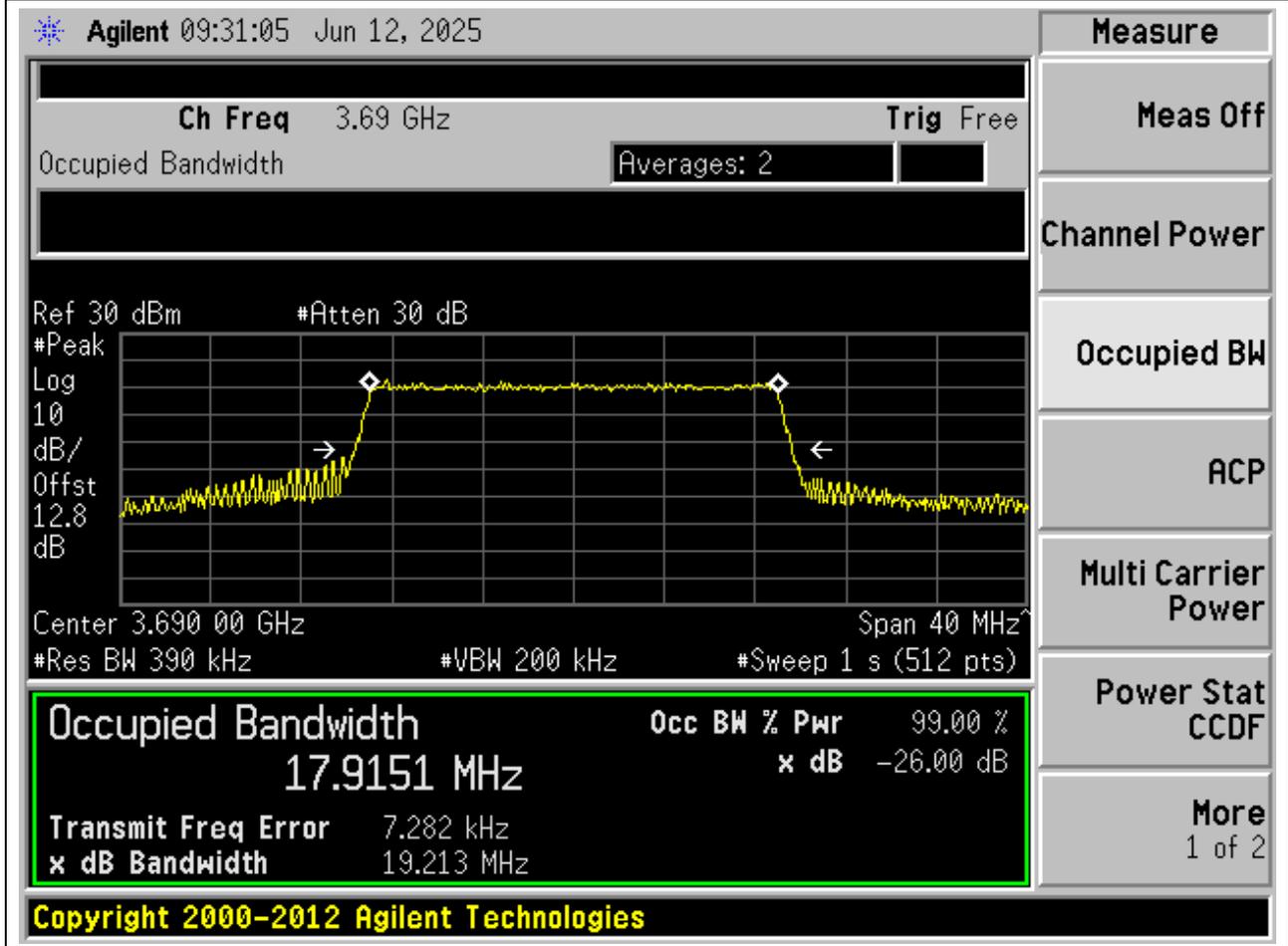
1.46. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:56640, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3690	99	26	0.39	Peak	17.93	19.16	20	Pass



1.47. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:56640, Bandwidth:20, Modulation:64QAM, RB Number:100, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3690	99	26	0.39	Peak	17.92	19.21	20	Pass



1.48. LTE Occupied Bandwidth_Part96(added 64QAM&256QAM)(NTNV)(Channel:56640, Bandwidth:20, Modulation:256QAM, RB Number:100, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3690	99	26	0.39	Peak	17.89	19.06	20	Pass

Agilent 04:09:53 Jun 7, 2025

Ch Freq 3.69 GHz Trig Free

Occupied Bandwidth Averages: 2

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/ Offst 12.8 dB

Center 3.690 00 GHz Span 40 MHz

#Res BW 390 kHz #VBW 200 kHz #Sweep 1 s (512 pts)

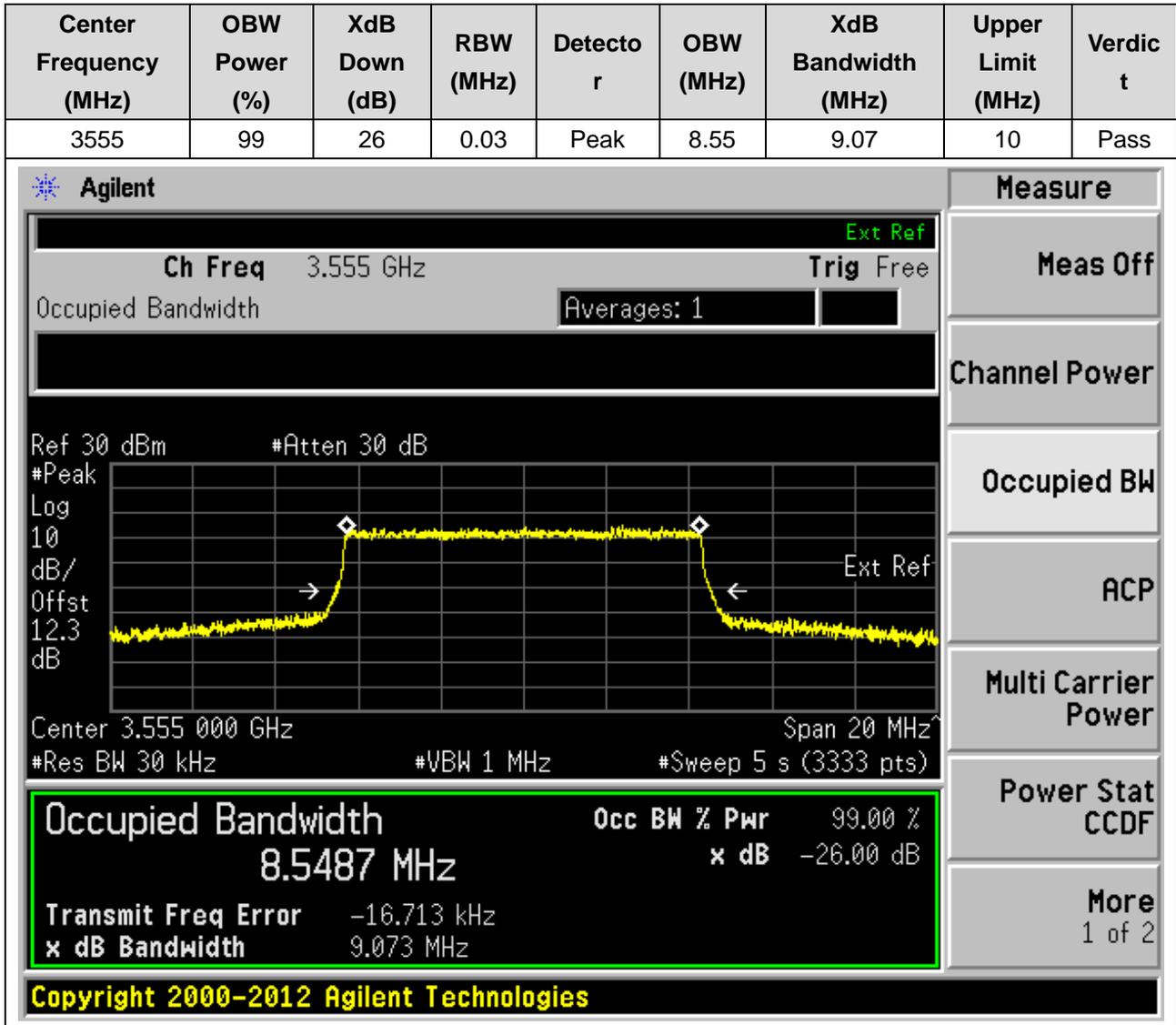
Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.8913 MHz	x dB	-26.00 dB
Transmit Freq Error	9.456 kHz	
x dB Bandwidth	19.057 MHz	

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

1. n48 30kHz

1.1. Occupied Bandwidth for SA_Part96(Channel:637000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:24, RB Position:0)



1.2. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	0.03	Peak	8.55	9.05	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 set to a center frequency of 3.62499 GHz and a span of 20 MHz. The signal level is approximately 12.3 dB. The occupied bandwidth is highlighted with a green box, showing a value of 8.5501 MHz. The power level is 99.00% and the XdB down is -26.00 dB. The transmit frequency error is -16.825 kHz and the XdB bandwidth is 9.052 MHz. The interface includes various measurement buttons on the right side, such as 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen displays the copyright information: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.5501 MHz	x dB	-26.00 dB
Transmit Freq Error	-16.825 kHz	
x dB Bandwidth	9.052 MHz	

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1.3. Occupied Bandwidth for SA_Part96(Channel:646332, 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
3694.98	99	26	0.03	Peak	8.55	9.06	10	Pass

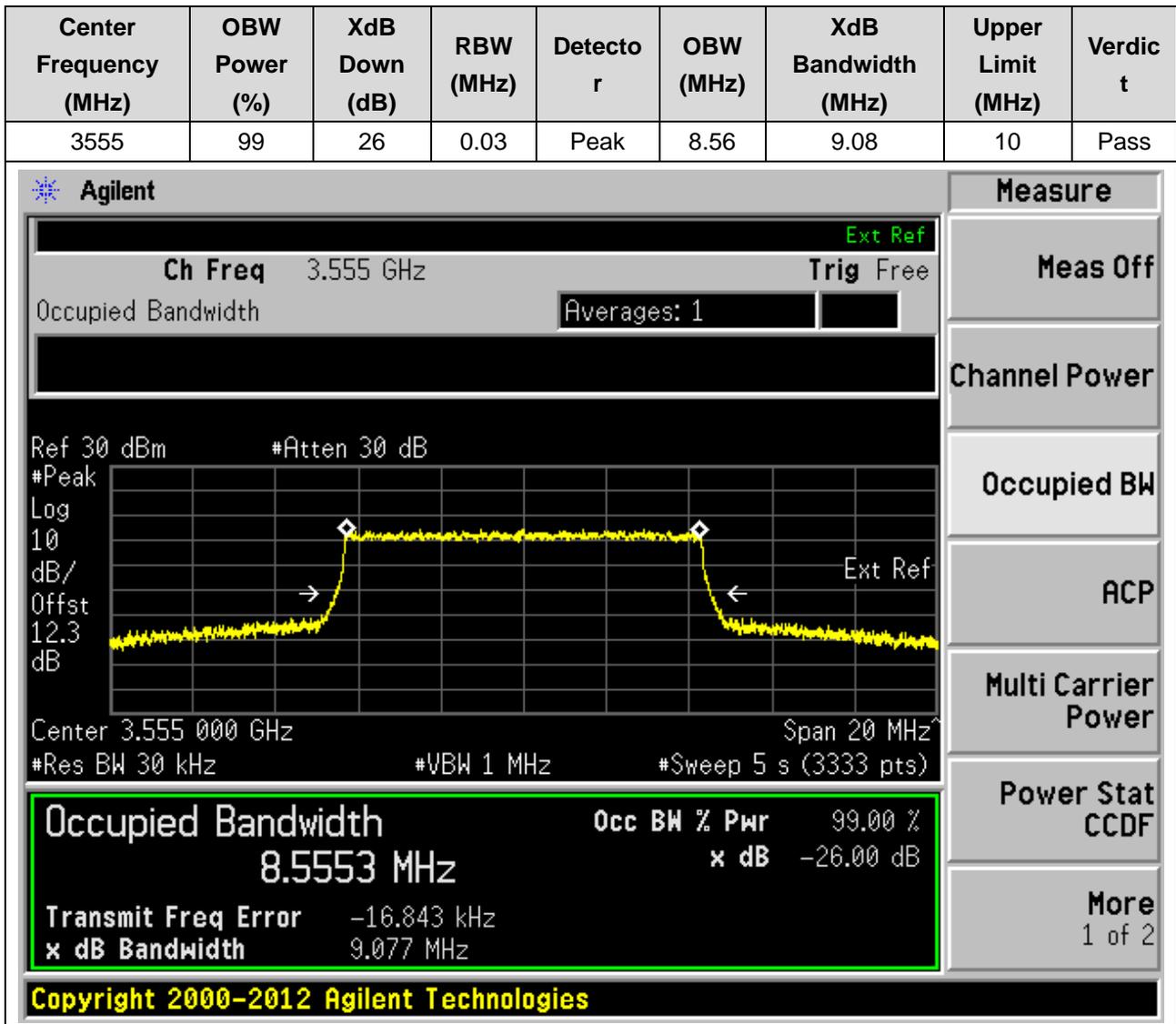
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a yellow signal trace on a grid. The center frequency is 3.69498 GHz. The occupied bandwidth is highlighted in a green box with the following data:

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.5528 MHz	x dB	-26.00 dB
Transmit Freq Error		-17.517 kHz
x dB Bandwidth		9.061 MHz

Additional parameters shown in the interface include: Ch Freq 3.69498 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 12.1 dB, Center 3.694980 GHz, Span 20 MHz, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 5 s (3333 pts). The right-hand side of the interface shows a 'Measure' menu with options: Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

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1.4. Occupied Bandwidth for SA_Part96(Channel:637000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:24, RB Position:0)



1.5. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	0.03	Peak	8.56	9.04	10	Pass

Agilent

Ext Ref

Ch Freq 3.62499 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

12.3

dB

Center 3.624 990 GHz Span 20 MHz

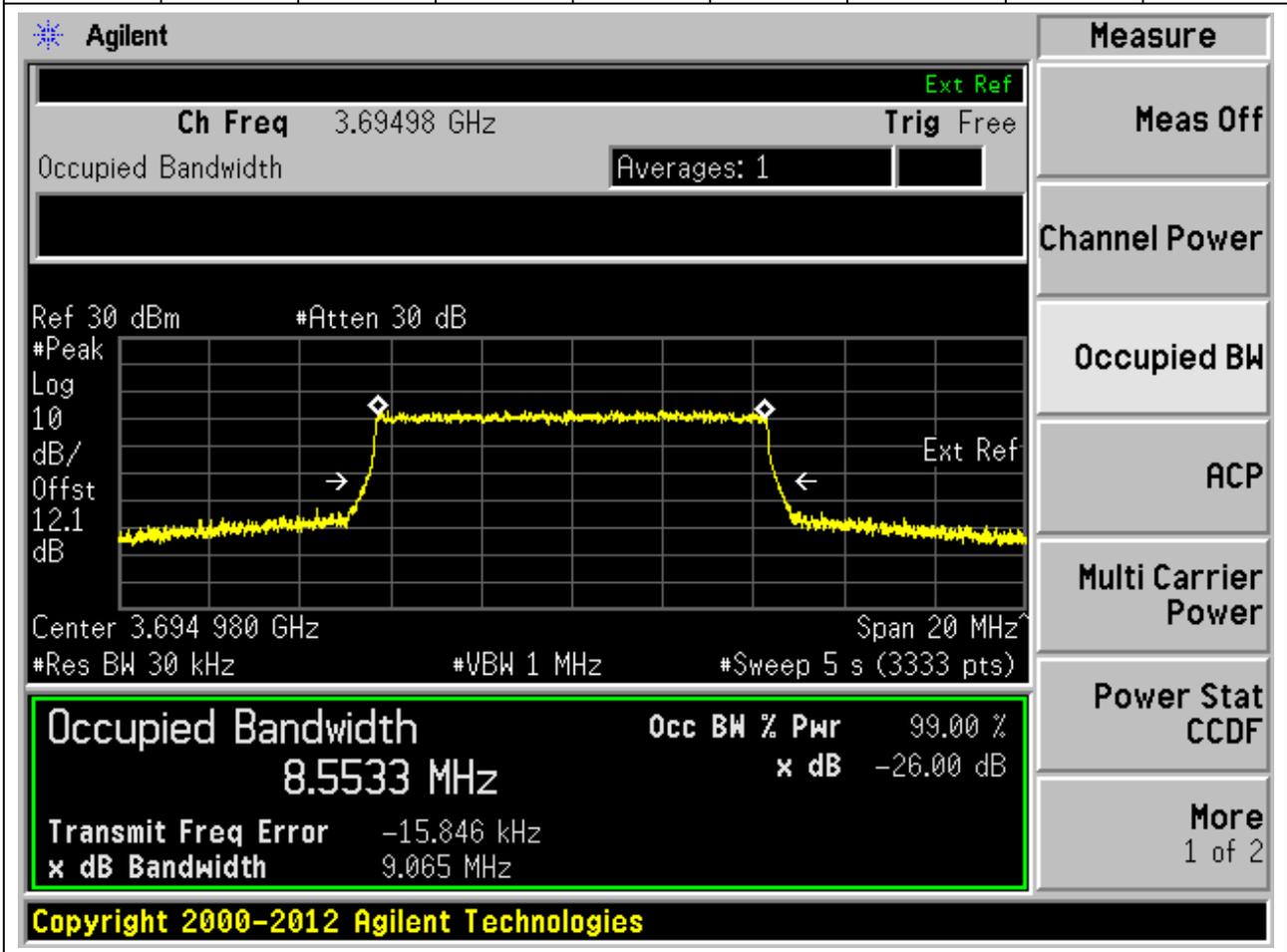
#Res BW 30 kHz #VBW 1 MHz #Sweep 5 s (3333 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
8.5571 MHz	x dB	-26.00 dB
Transmit Freq Error	-19.706 kHz	
x dB Bandwidth	9.042 MHz	

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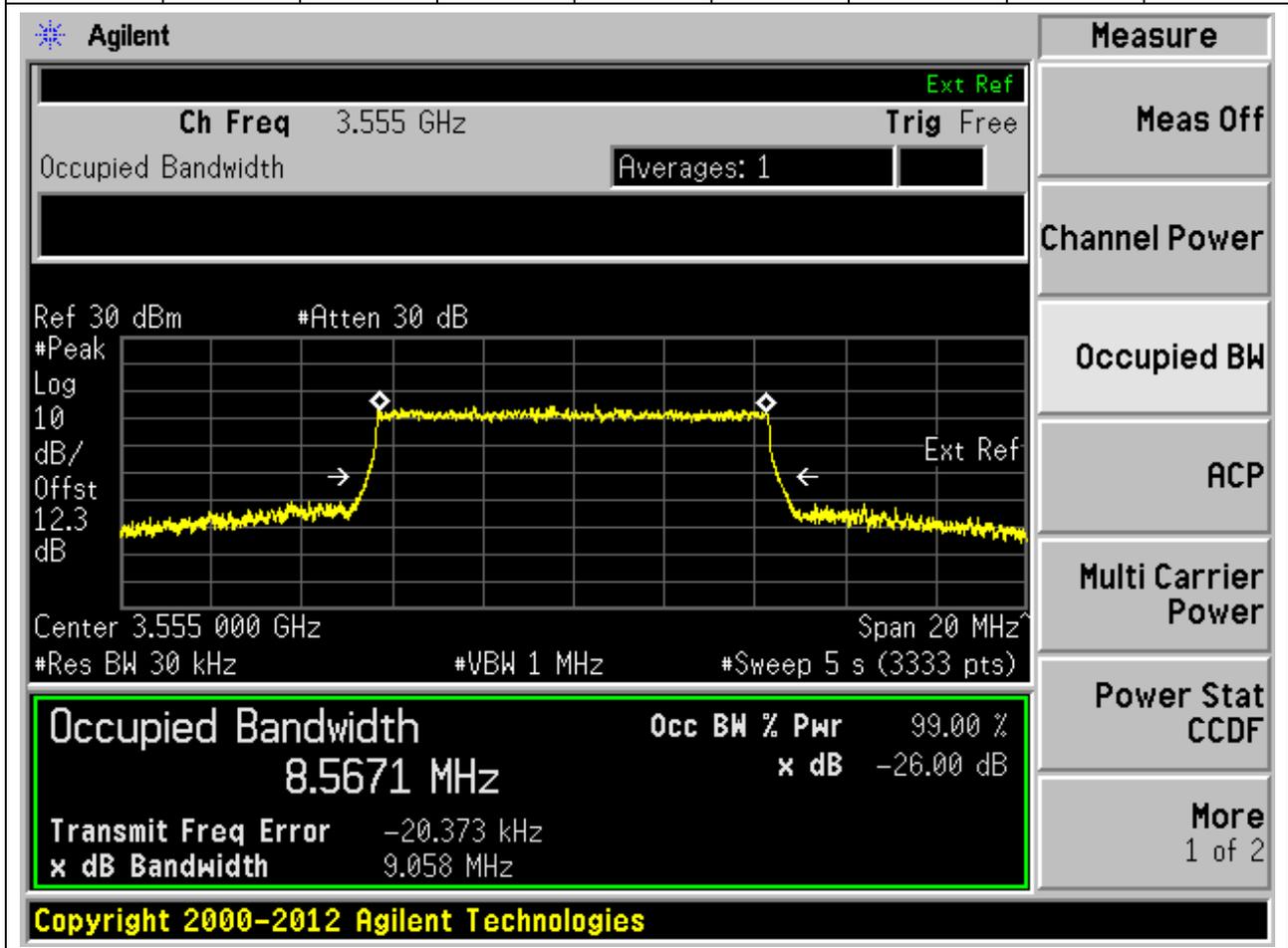
1.6. Occupied Bandwidth for SA_Part96(Channel:646332, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3694.98	99	26	0.03	Peak	8.55	9.07	10	Pass



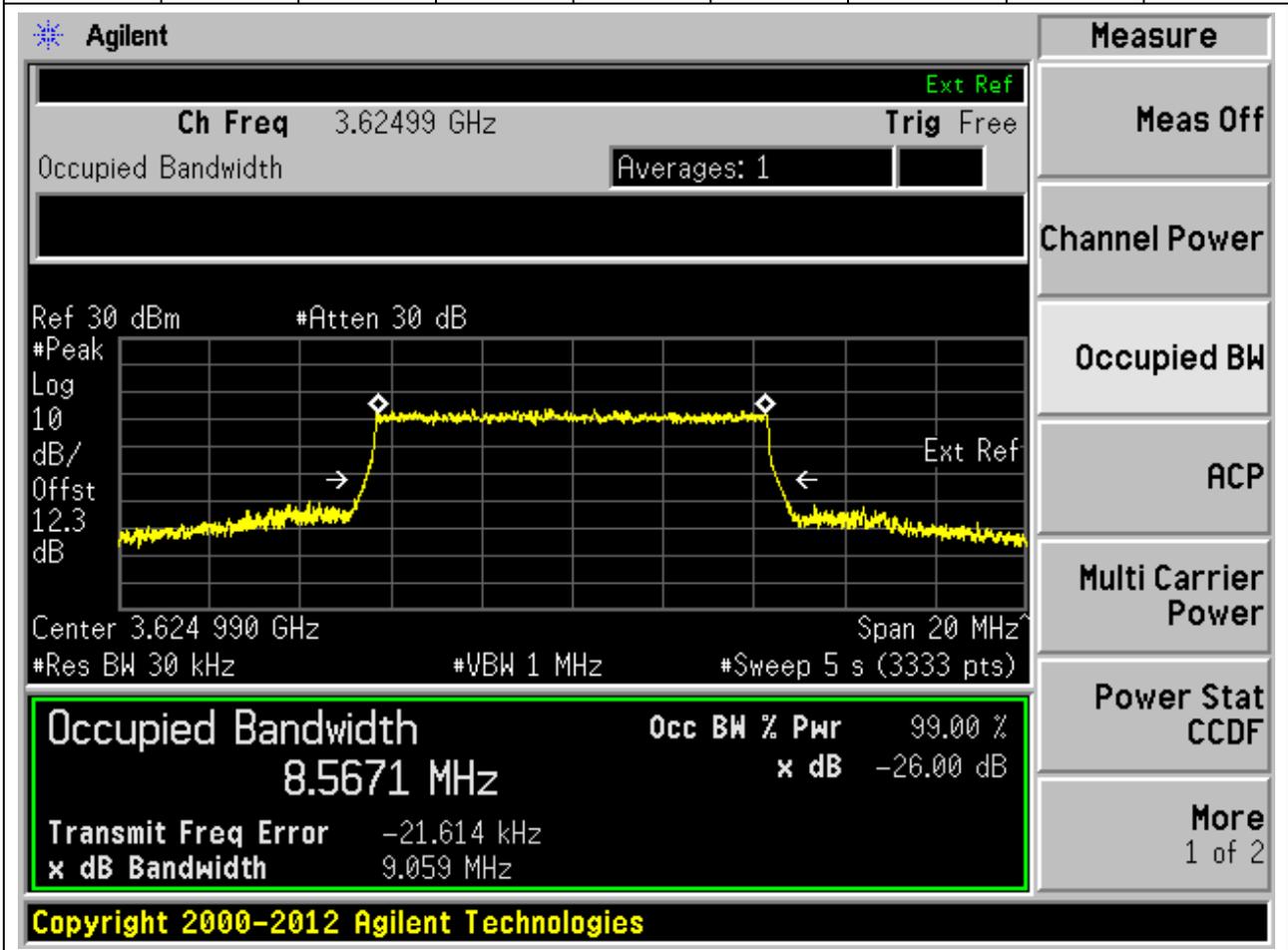
1.7. Occupied Bandwidth for SA_Part96(Channel:637000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3555	99	26	0.03	Peak	8.57	9.06	10	Pass



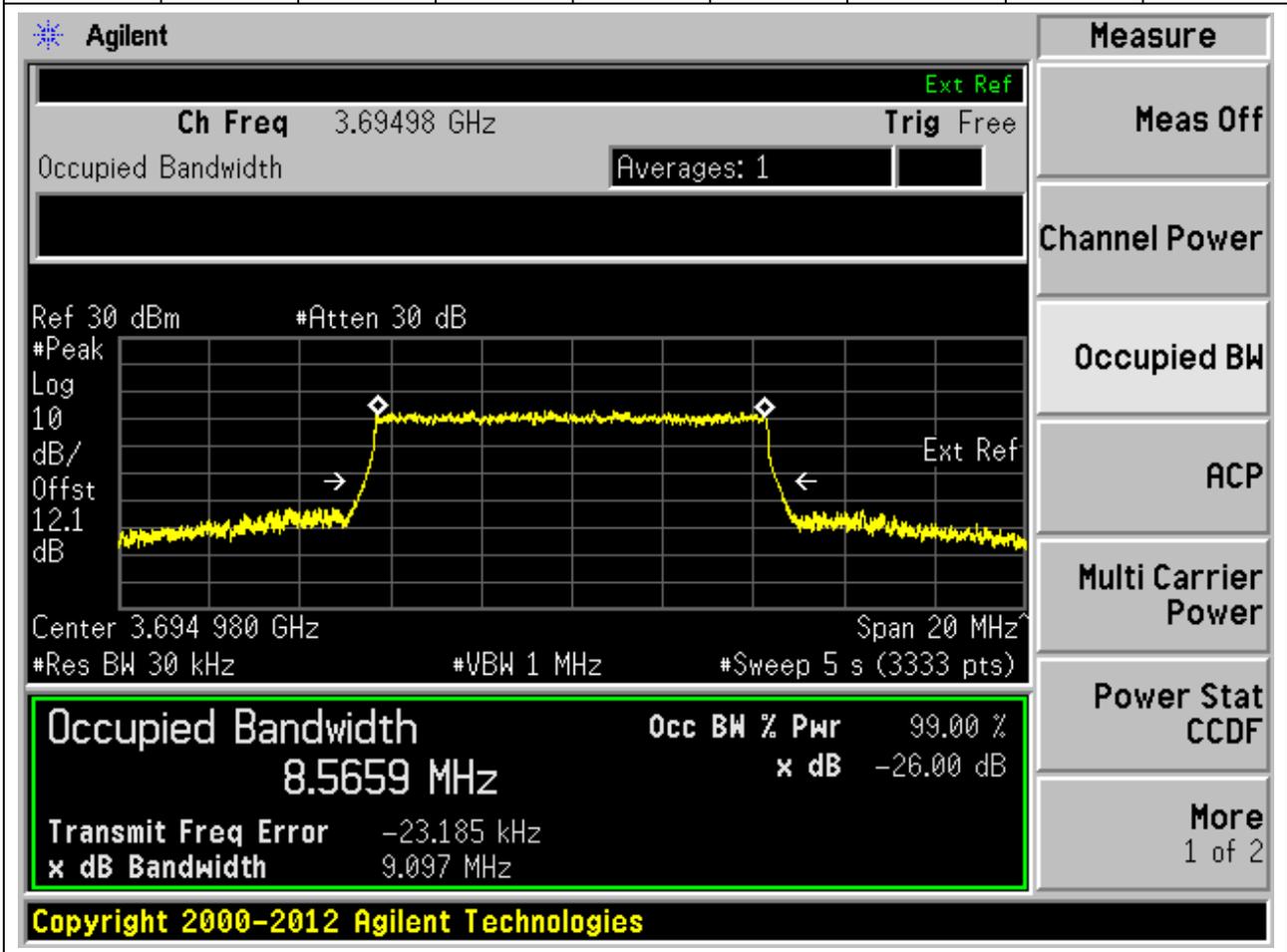
1.8. Occupied Bandwidth for SA_Part96(Channel:641666, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:24, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3624.99	99	26	0.03	Peak	8.57	9.06	10	Pass



1.9. Occupied Bandwidth for SA_Part96(Channel:646332, 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
3694.98	99	26	0.03	Peak	8.57	9.1	10	Pass



1.10. Occupied Bandwidth for SA_Part96(Channel:637000, 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
3555	99	26	0.03	Peak	8.56	9.02	10	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 3.555 GHz, and the span is 20 MHz. The occupied bandwidth is measured as 8.5630 MHz, which is 99.00% of the power. The XdB down is -26.00 dB. The transmit frequency error is -18.813 kHz, and the XdB bandwidth is 9.015 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 %
8.5630 MHz	x dB	-26.00 dB
Transmit Freq Error	-18.813 kHz	
x dB Bandwidth	9.015 MHz	

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1.11. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	0.03	Peak	8.56	9.05	10	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow signal trace. The center frequency is 3.62499 GHz. The occupied bandwidth is highlighted in a green box at the bottom of the screen.

Occupied Bandwidth	Occ BW % Pwr	X dB
8.5618 MHz	99.00 %	-26.00 dB

Additional parameters shown in the screenshot include: Ch Freq 3.62499 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log, 10 dB/Offst, 12.3 dB, Center 3.624 990 GHz, Span 20 MHz, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 5 s (3333 pts), Transmit Freq Error -18.615 kHz, and x dB Bandwidth 9.055 MHz.

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1.12. Occupied Bandwidth for SA_Part96(Channel:646332, 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
3694.98	99	26	0.03	Peak	8.56	9.06	10	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 3.69498 GHz. The occupied bandwidth is 8.5633 MHz, and the power is 99.00%. The XdB down is -26.00 dB. The transmit frequency error is -18.953 kHz, and the XdB bandwidth is 9.061 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 %
8.5633 MHz	x dB	-26.00 dB
Transmit Freq Error	-18.953 kHz	
x dB Bandwidth	9.061 MHz	

1.13. Occupied Bandwidth for SA_Part96(Channel:637168, 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
3557.52	99	26	0.03	Peak	13.54	14.18	15	Pass

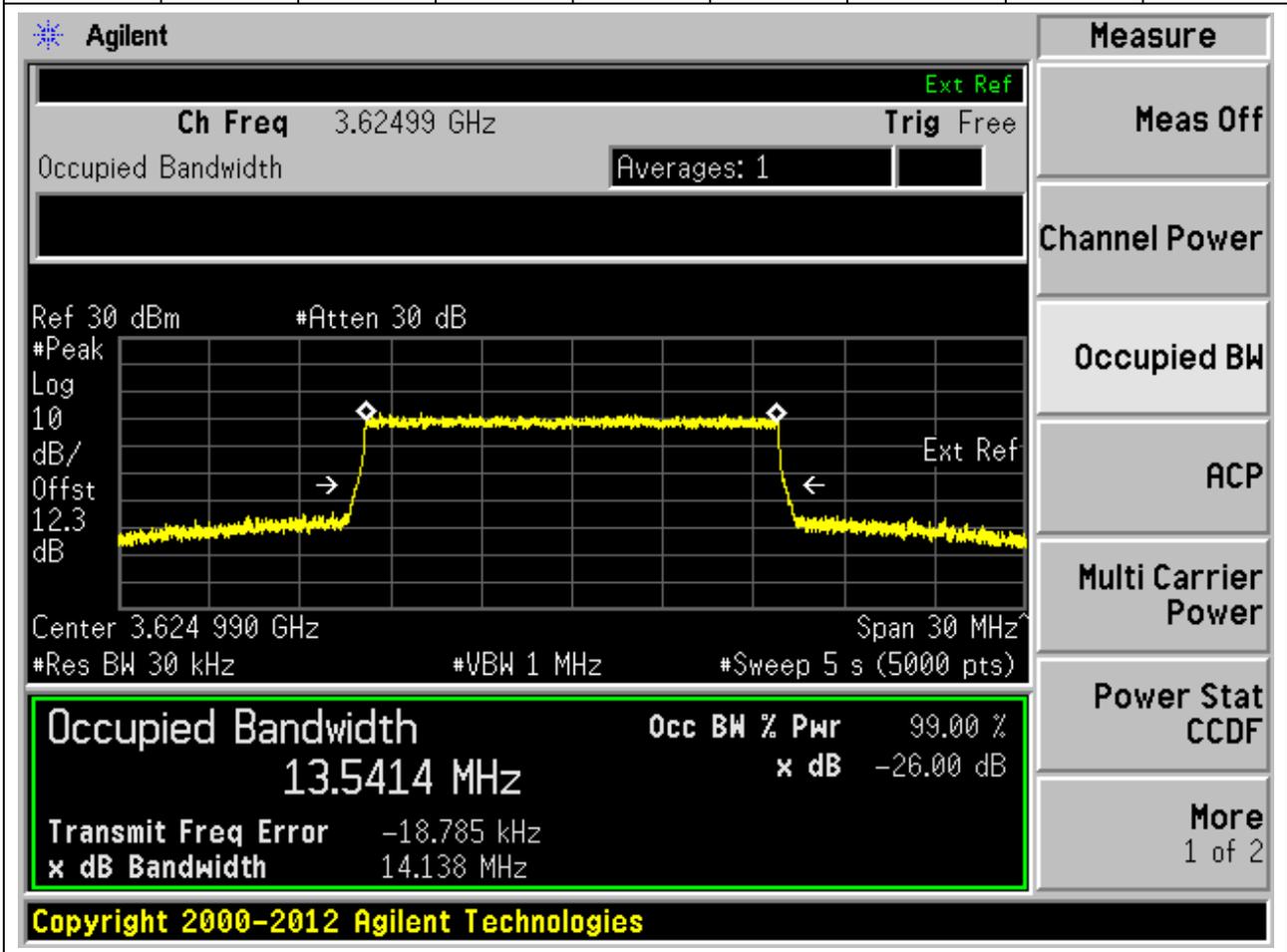
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow signal trace. The center frequency is 3.55752 GHz. The occupied bandwidth is measured as 13.5437 MHz, which is 99.00% of the 14.181 MHz bandwidth. The XdB Down is -26.00 dB. The transmit frequency error is -15.643 kHz. The interface includes a 'Measure' panel on the right with buttons for '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 %
13.5437 MHz	x dB	-26.00 dB
Transmit Freq Error	-15.643 kHz	
x dB Bandwidth	14.181 MHz	

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1.14. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	0.03	Peak	13.54	14.14	15	Pass



1.15. Occupied Bandwidth for SA_Part96(Channel:646166, 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
3692.49	99	26	0.03	Peak	13.54	14.12	15	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 3.69249 GHz. The occupied bandwidth is 13.5421 MHz, which is 99.00% of the 14.124 MHz bandwidth. The XdB Down is -26.00 dB. The transmit frequency error is -19.412 kHz. 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 %
13.5421 MHz	x dB	-26.00 dB
Transmit Freq Error	-19.412 kHz	
x dB Bandwidth	14.124 MHz	

1.16. Occupied Bandwidth for SA_Part96(Channel:637168, 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
3557.52	99	26	0.03	Peak	13.57	14.2	15	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 3.55752 GHz. The main display shows a spectrum plot with a yellow trace. The plot parameters include a reference level of 30 dBm, an attenuation of 30 dB, a resolution bandwidth of 30 kHz, and a video bandwidth of 1 MHz. The span is 30 MHz. The measurement results are highlighted in a green box:

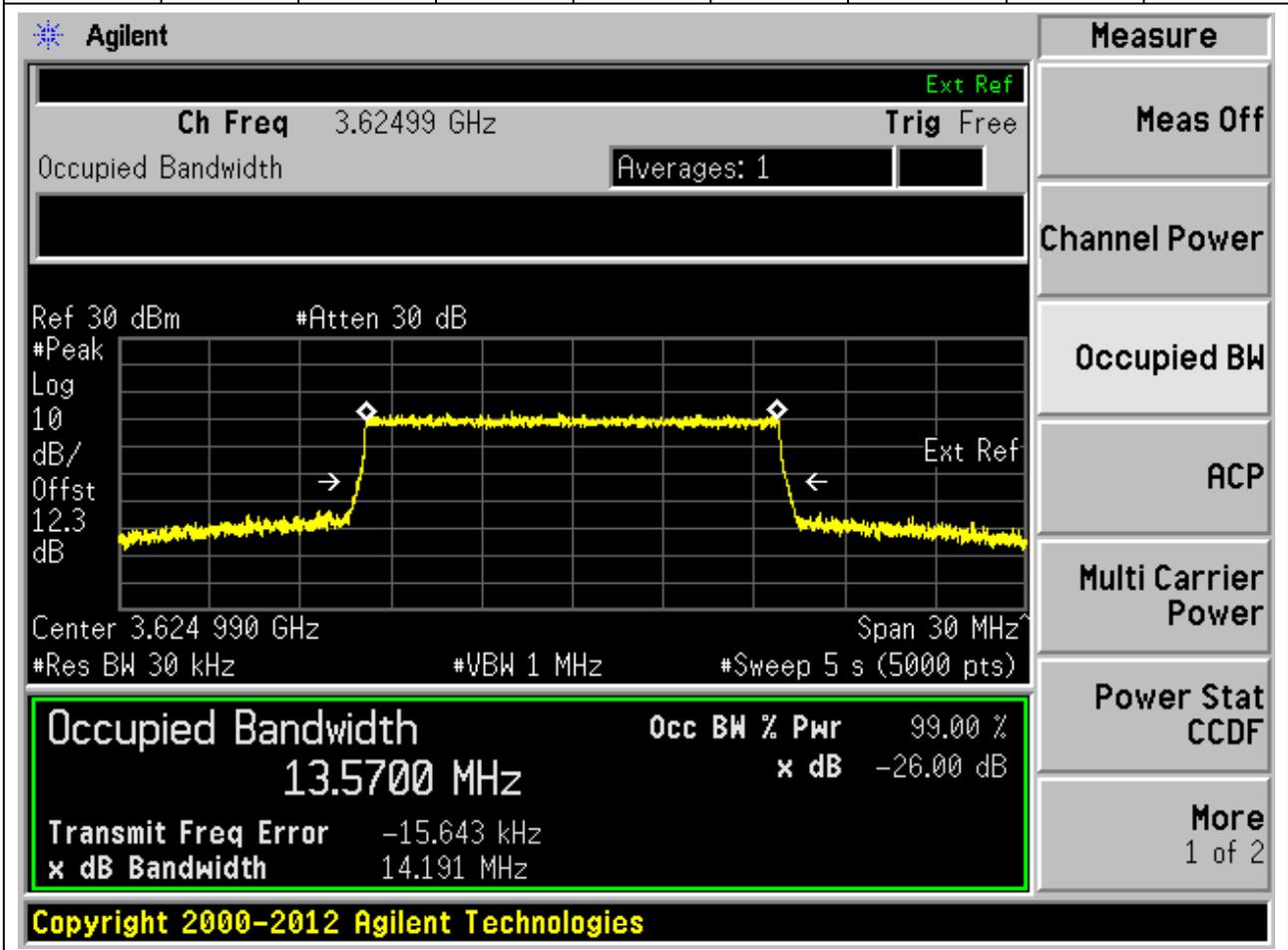
Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.5750 MHz	x dB	-26.00 dB
Transmit Freq Error		-17.069 kHz
x dB Bandwidth		14.198 MHz

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

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1.17. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	0.03	Peak	13.57	14.19	15	Pass



1.18. Occupied Bandwidth for SA_Part96(Channel:646166, 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
3692.49	99	26	0.03	Peak	13.56	14.13	15	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a yellow signal trace on a grid. The center frequency is 3.69249 GHz. The occupied bandwidth is highlighted in a green box with the following data:

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.5608 MHz	x dB	-26.00 dB
Transmit Freq Error		-17.291 kHz
x dB Bandwidth		14.127 MHz

Other visible parameters include: Ch Freq 3.69249 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst 12.1 dB, Center 3.692490 GHz, Span 30 MHz, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 5 s (5000 pts).

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

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1.19. Occupied Bandwidth for SA_Part96(Channel:637168, 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
3557.52	99	26	0.03	Peak	13.56	14.22	15	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a yellow signal trace on a grid. The center frequency is 3.55752 GHz. The occupied bandwidth is highlighted in a green box with the following data:

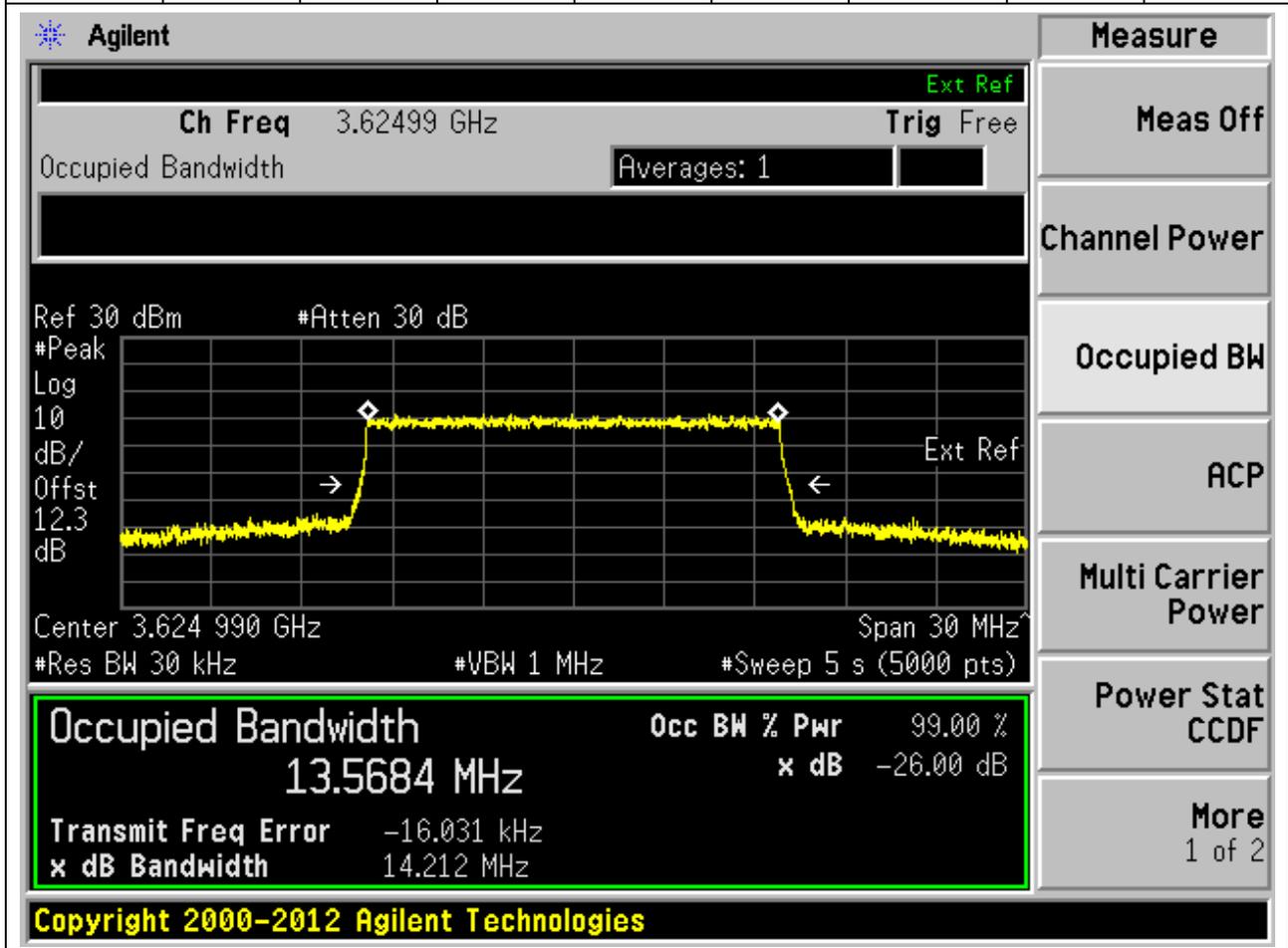
Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.5647 MHz	x dB	-26.00 dB
Transmit Freq Error		-16.692 kHz
x dB Bandwidth		14.215 MHz

Other visible parameters include: Ch Freq 3.55752 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 12.3 dB, Center 3.557520 GHz, Span 30 MHz, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 5 s (5000 pts). The right-hand menu shows 'Measure' with 'Meas Off' selected, and other options like Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

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1.20. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	0.03	Peak	13.57	14.21	15	Pass



1.21. Occupied Bandwidth for SA_Part96(Channel:646166, 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
3692.49	99	26	0.03	Peak	13.57	14.13	15	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 3.69249 GHz. The occupied bandwidth is measured as 13.5698 MHz, which is 99.00% of the 14.126 MHz bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -18.004 kHz. The interface includes various measurement controls and a 'Measure' menu on the right.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
13.5698 MHz	x dB	-26.00 dB
Transmit Freq Error	-18.004 kHz	
x dB Bandwidth	14.126 MHz	

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1.22. Occupied Bandwidth for SA_Part96(Channel:637168, 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
3557.52	99	26	0.03	Peak	13.56	14.19	15	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a yellow signal trace on a grid. The center frequency is 3.55752 GHz, and the span is 30 MHz. The occupied bandwidth is highlighted in a green box at the bottom of the screen.

Occupied Bandwidth Measurement Results:

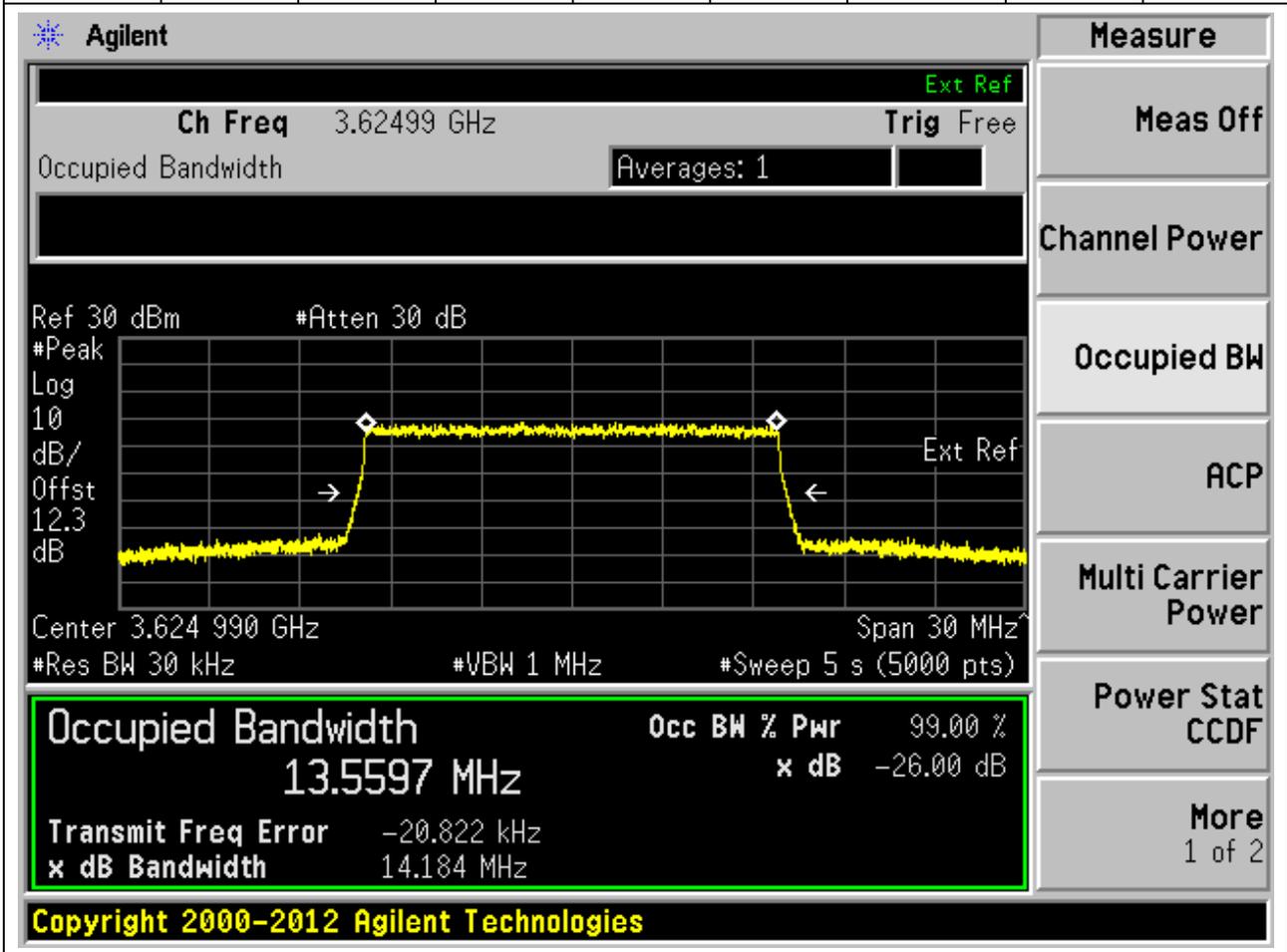
Occupied Bandwidth	13.5615 MHz	Occ BW % Pwr	99.00 %
		x dB	-26.00 dB
Transmit Freq Error	-19.743 kHz		
x dB Bandwidth	14.188 MHz		

Additional parameters shown in the interface include: Ch Freq 3.55752 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 12.3 dB, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 5 s (5000 pts), and Span 30 MHz.

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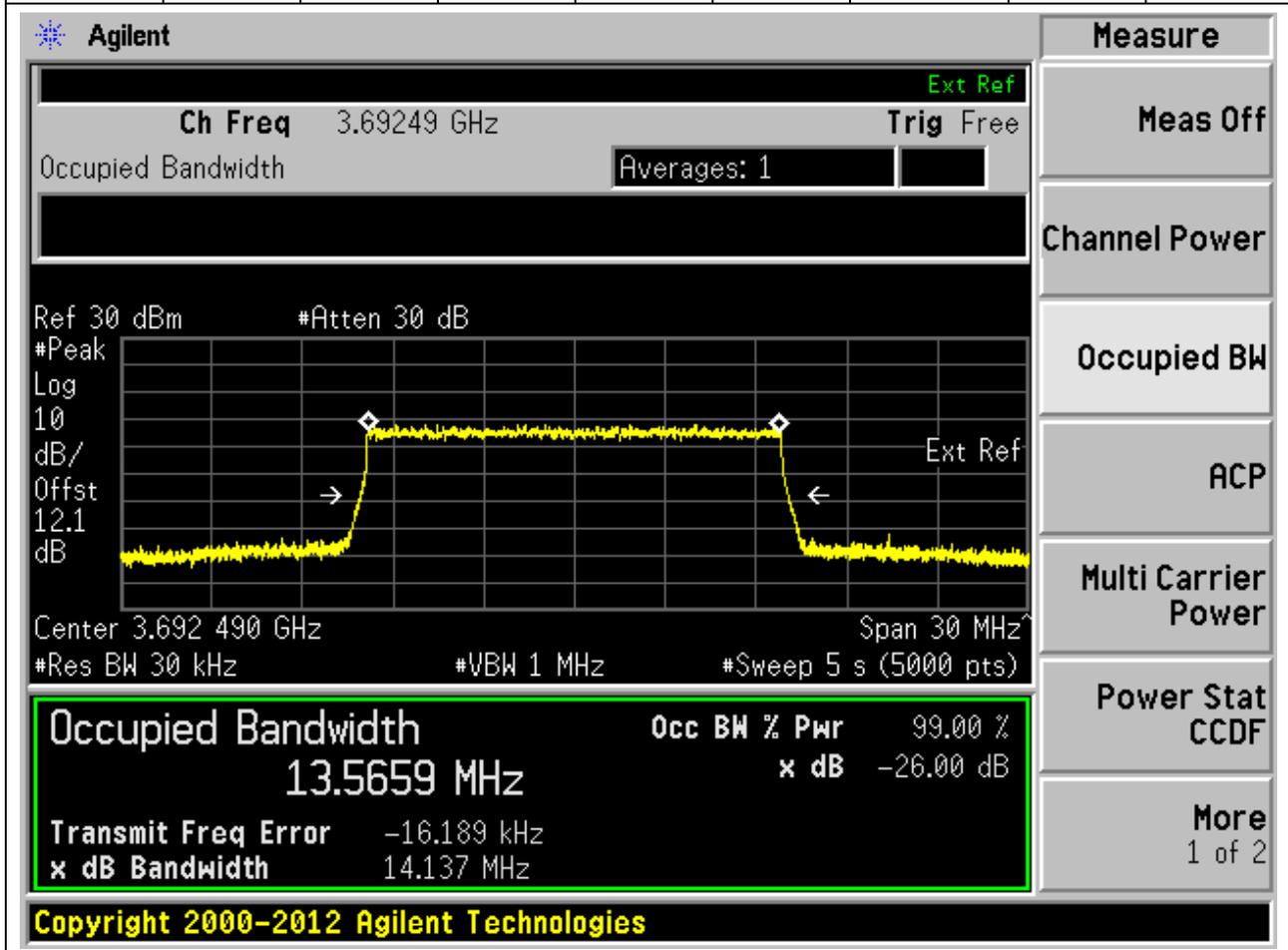
1.23. Occupied Bandwidth for SA_Part96(Channel:641666, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:38, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3624.99	99	26	0.03	Peak	13.56	14.18	15	Pass



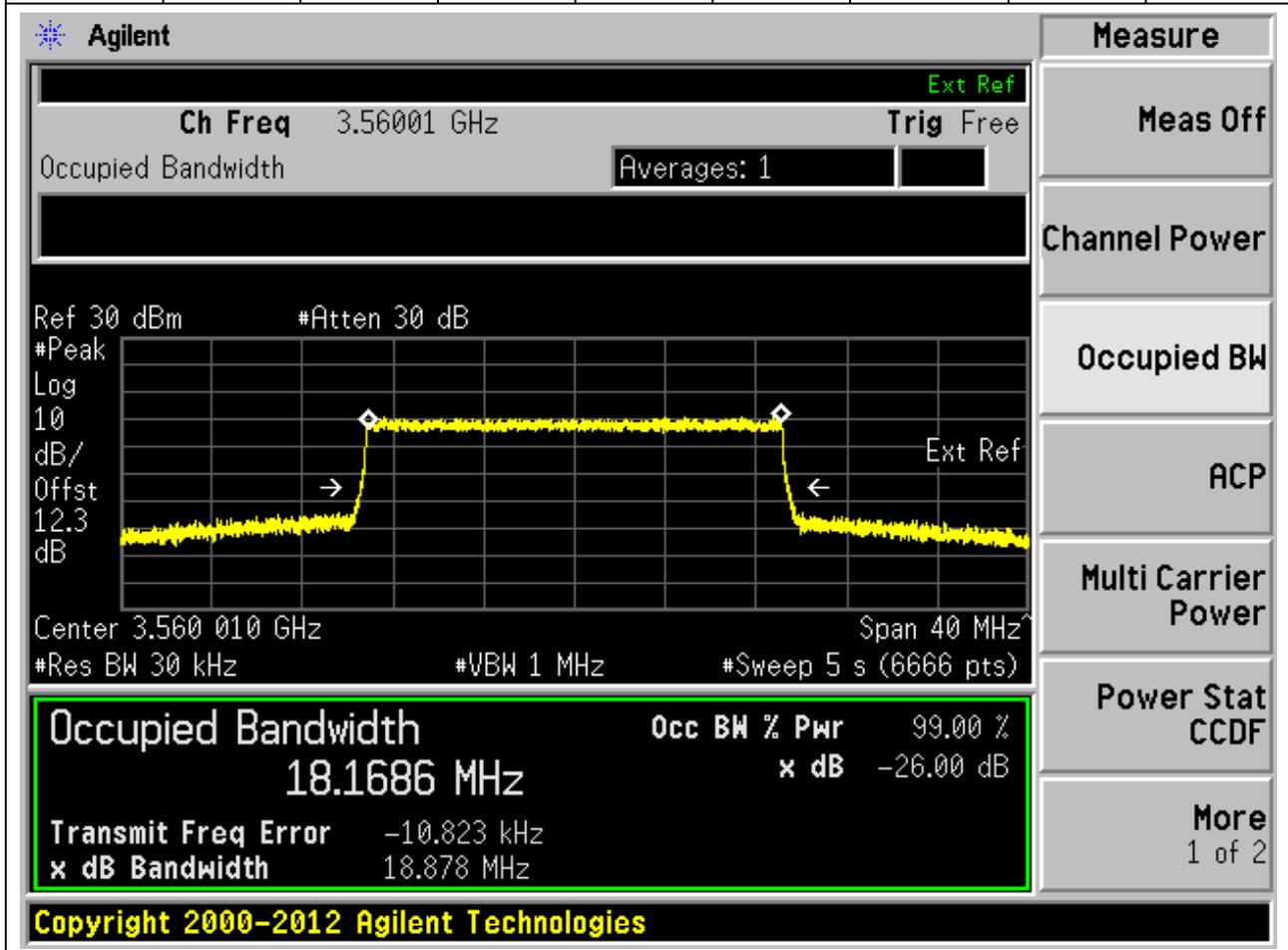
1.24. Occupied Bandwidth for SA_Part96(Channel:646166, Bandwidth:15, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:38, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3692.49	99	26	0.03	Peak	13.57	14.14	15	Pass



1.25. Occupied Bandwidth for SA_Part96(Channel:637334, 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
3560.01	99	26	0.03	Peak	18.17	18.88	20	Pass



1.26. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	0.03	Peak	18.18	18.84	20	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a yellow signal trace on a grid. The center frequency is 3.62499 GHz. The occupied bandwidth is highlighted in a green box with the following data:

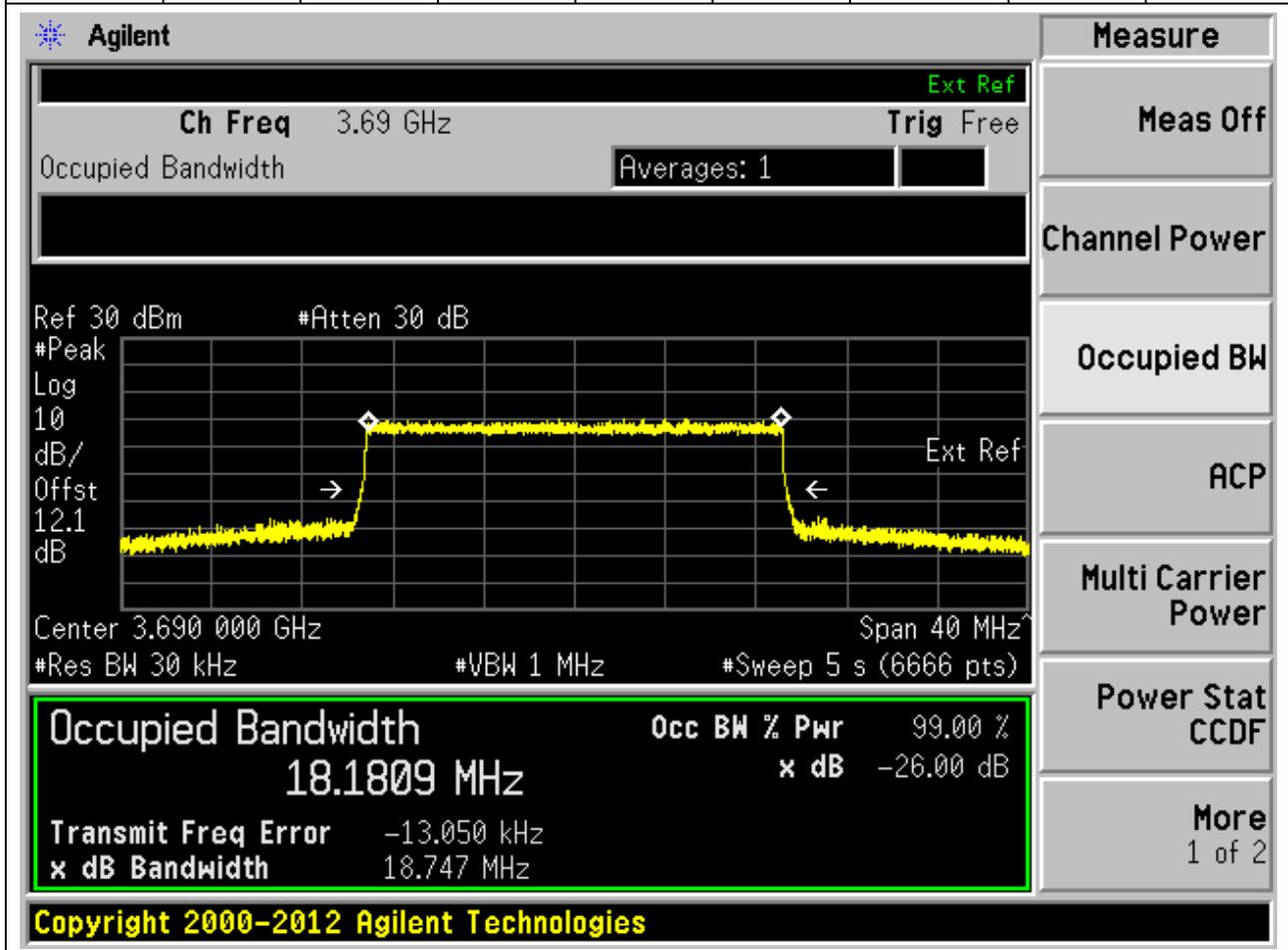
Occupied Bandwidth	Occ BW % Pwr	99.00 %
18.1805 MHz	x dB	-26.00 dB
Transmit Freq Error		-13.999 kHz
x dB Bandwidth		18.845 MHz

Additional parameters shown in the interface include: Ch Freq 3.62499 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log, 10 dB/Offst, 12.3 dB, Center 3.624 990 GHz, Span 40 MHz, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 5 s (6666 pts). The right-hand menu shows various measurement options like Meas Off, Channel Power, Occupied BW, ACP, Multi Carrier Power, Power Stat CCDF, and More (1 of 2).

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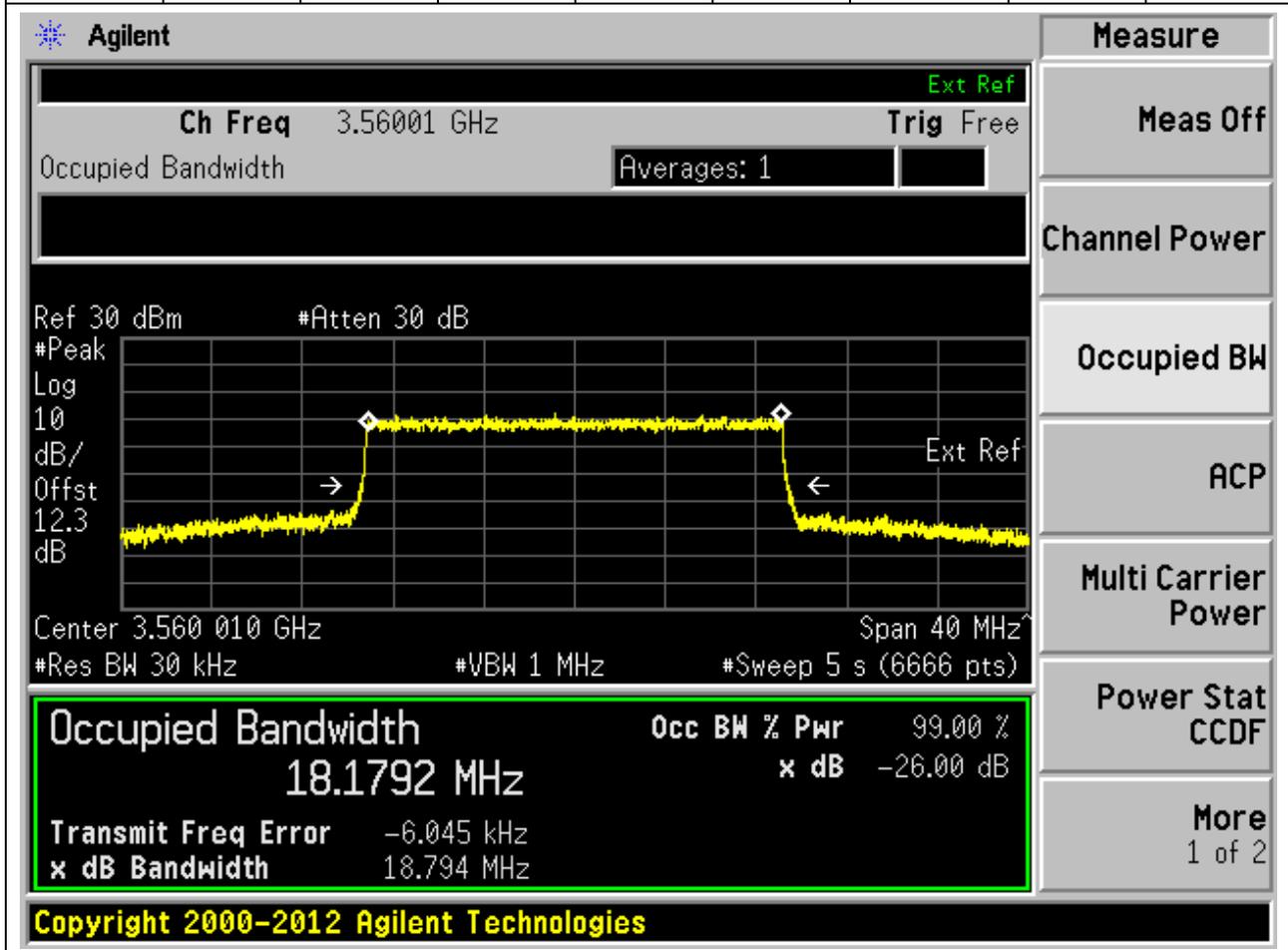
1.27. Occupied Bandwidth for SA_Part96(Channel:646000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:51, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3690	99	26	0.03	Peak	18.18	18.75	20	Pass



1.28. Occupied Bandwidth for SA_Part96(Channel:637334, 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
3560.01	99	26	0.03	Peak	18.18	18.79	20	Pass



1.29. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	0.03	Peak	18.17	18.79	20	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a yellow signal trace on a grid. The center frequency is 3.62499 GHz. The occupied bandwidth is highlighted in a green box with the following data:

Occupied Bandwidth	Occ BW % Pwr	99.00 %
18.1715 MHz	x dB	-26.00 dB
Transmit Freq Error		-16.701 kHz
x dB Bandwidth		18.793 MHz

Other parameters visible in the interface include: Ch Freq 3.62499 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log 10 dB/Offst 12.3 dB, Center 3.624990 GHz, Span 40 MHz, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 5 s (6666 pts).

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1.30. Occupied Bandwidth for SA_Part96(Channel:646000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:16QAM, RB Number:51, RB Position:0)

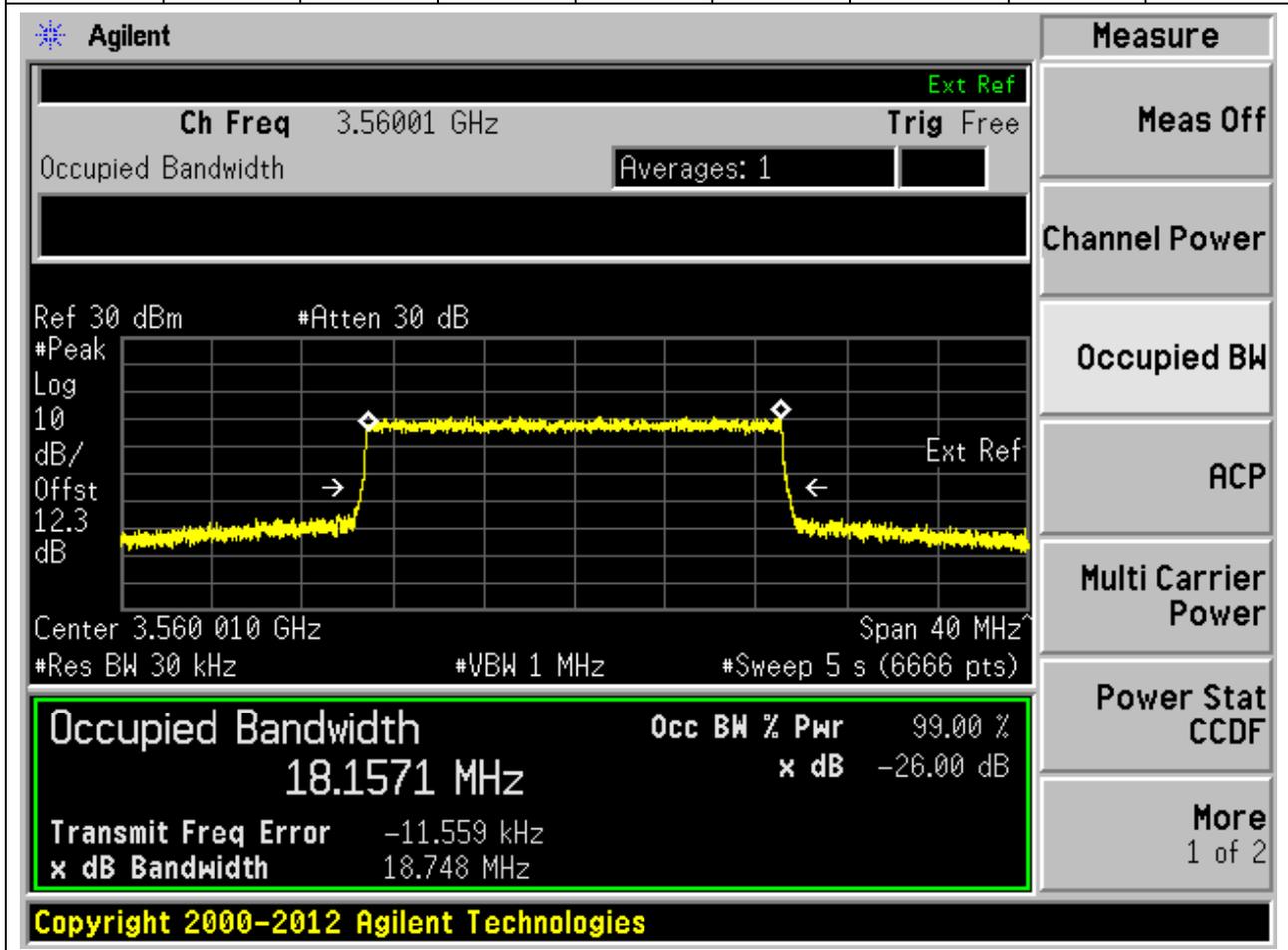
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3690	99	26	0.03	Peak	18.19	18.75	20	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a yellow signal trace on a grid. The center frequency is 3.69 GHz, and the span is 40 MHz. The occupied bandwidth is measured as 18.1857 MHz. The power level is 99.00% and the XdB down is -26.00 dB. The transmit frequency error is -13.548 kHz, and the XdB bandwidth is 18.747 MHz. The interface includes various control buttons on the right side, such as 'Measure', '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 %
18.1857 MHz	x dB	-26.00 dB
Transmit Freq Error	-13.548 kHz	
x dB Bandwidth	18.747 MHz	

1.31. Occupied Bandwidth for SA_Part96(Channel:637334, 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
3560.01	99	26	0.03	Peak	18.16	18.75	20	Pass



1.32. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	0.03	Peak	18.15	18.72	20	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a yellow signal trace on a grid. The center frequency is 3.62499 GHz. The occupied bandwidth is highlighted in a green box with the following data:

Occupied Bandwidth	Occ BW % Pwr	99.00 %
18.1538 MHz	x dB	-26.00 dB
Transmit Freq Error		-13.921 kHz
x dB Bandwidth		18.717 MHz

Other parameters visible in the interface include: Ch Freq 3.62499 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak Log, 10 dB/Offst 12.3 dB, Center 3.624 990 GHz, Span 40 MHz, #Res BW 30 kHz, #VBW 1 MHz, #Sweep 5 s (6666 pts).

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

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1.33. Occupied Bandwidth for SA_Part96(Channel:646000, 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
3690	99	26	0.03	Peak	18.18	18.74	20	Pass

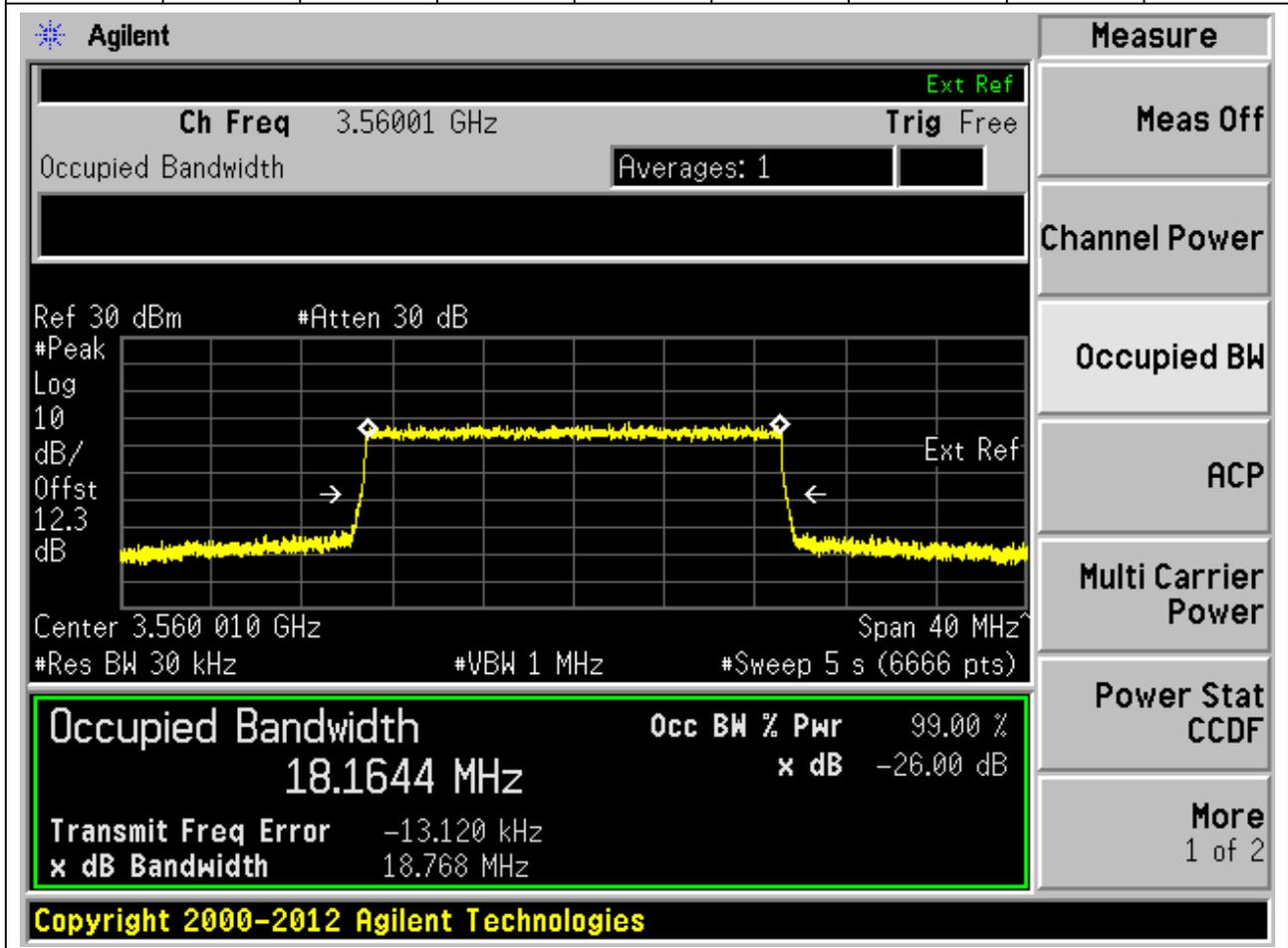
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 3.69 GHz, and the span is 40 MHz. The occupied bandwidth is measured as 18.1761 MHz, which is 99.00% of the power. The XdB down is -26.00 dB. The transmit frequency error is -12.469 kHz, and the XdB bandwidth is 18.741 MHz. The interface includes various control buttons on the right side, such as 'Measure', '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 %
18.1761 MHz	x dB	-26.00 dB
Transmit Freq Error	-12.469 kHz	
x dB Bandwidth	18.741 MHz	

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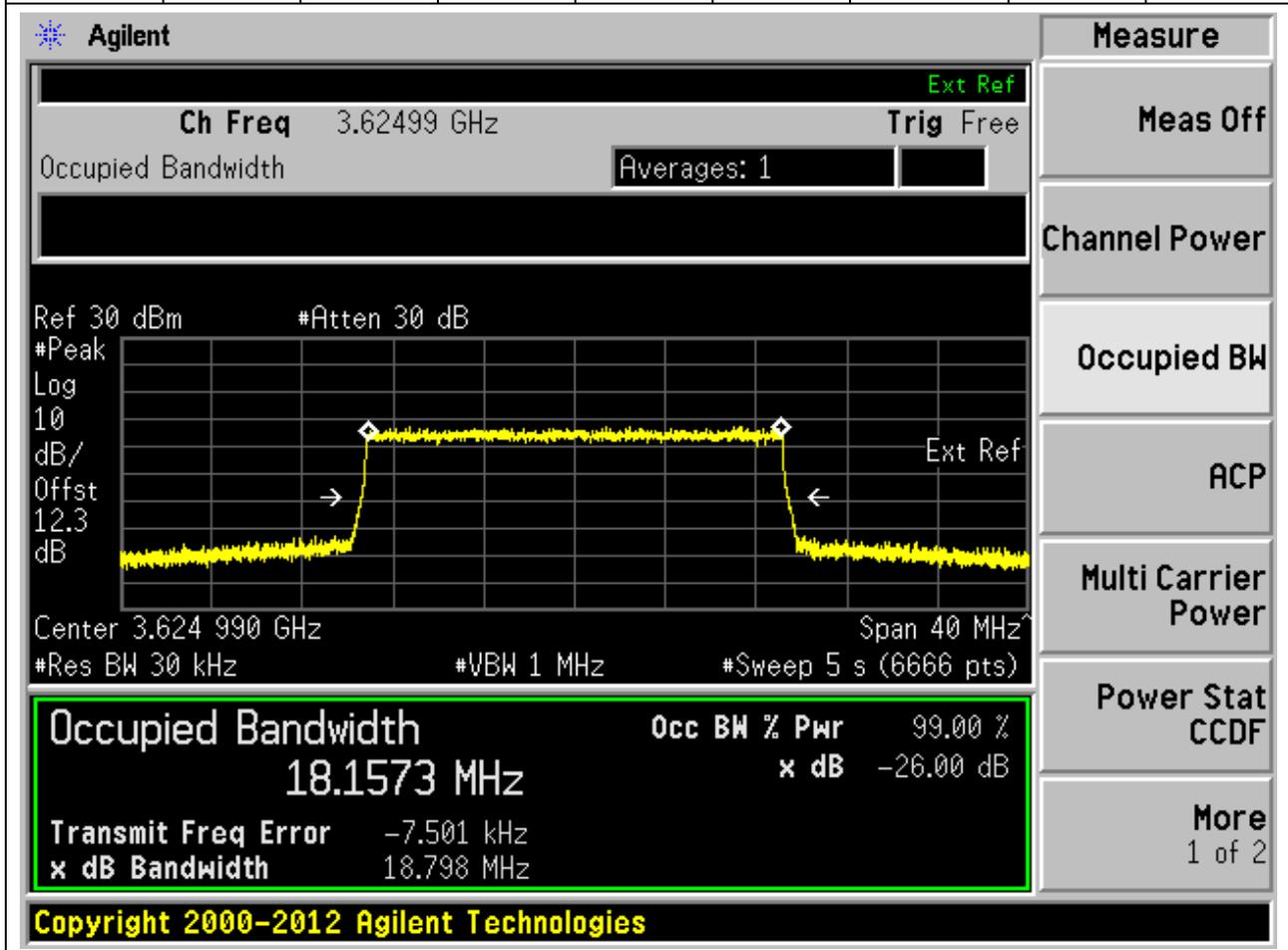
1.34. Occupied Bandwidth for SA_Part96(Channel:637334, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:256QAM, RB Number:51, RB Position:0)

Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3560.01	99	26	0.03	Peak	18.16	18.77	20	Pass



1.35. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	0.03	Peak	18.16	18.8	20	Pass



1.36. Occupied Bandwidth for SA_Part96(Channel:646000, 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
3690	99	26	0.03	Peak	18.17	18.75	20	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 3.69 GHz, and the span is 40 MHz. The occupied bandwidth is measured as 18.1658 MHz. The power level is 99.00% and the XdB down is -26.00 dB. The transmit frequency error is -16.690 kHz, and the XdB bandwidth is 18.747 MHz. The interface includes a 'Measure' panel 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 %
18.1658 MHz	x dB	-26.00 dB
Transmit Freq Error	-16.690 kHz	
x dB Bandwidth	18.747 MHz	

1.37. Occupied Bandwidth for SA_Part96(Channel:637668, 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
3565.02	99	26	1	Peak	28.13	30.55	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 3.56502 GHz. The main display shows a spectrum plot with a yellow trace. The plot parameters are: Center 3.565 02 GHz, Span 60 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts). The plot shows a signal with a peak at approximately 3.565 GHz. The measurement results are highlighted in a green box:

Occupied Bandwidth	Occ BW % Pwr	99.00 %
28.1285 MHz	x dB	-26.00 dB
Transmit Freq Error		-9.884 kHz
x dB Bandwidth		30.551 MHz

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

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1.38. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	1	Peak	28.1	30.48	30	Pass

Agilent

Ch Freq 3.62499 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.3 dB

Center 3.624 99 GHz Span 60 MHz

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

Occupied Bandwidth 28.0979 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -3.944 kHz

x dB Bandwidth 30.480 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.39. Occupied Bandwidth for SA_Part96(Channel:645666, 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
3684.99	99	26	1	Peak	28.2	30.54	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is titled 'Occupied Bandwidth' and shows a signal centered at 3.68499 GHz. The plot parameters are: Center 3.684 99 GHz, Span 60 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts). The plot shows a signal with a peak level of 30 dBm and a bandwidth of 28.2025 MHz. The plot also shows the 'Ext Ref' level at -26.00 dB. The plot is titled 'Occupied Bandwidth' and shows a signal centered at 3.68499 GHz. The plot parameters are: Center 3.684 99 GHz, Span 60 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts). The plot shows a signal with a peak level of 30 dBm and a bandwidth of 28.2025 MHz. The plot also shows the 'Ext Ref' level at -26.00 dB.

Occupied Bandwidth	Occ BW % Pwr	x dB
28.2025 MHz	99.00 %	-26.00 dB

Transmit Freq Error: -53.298 kHz
x dB Bandwidth: 30.541 MHz

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1.40. Occupied Bandwidth for SA_Part96(Channel:637668, 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
3565.02	99	26	1	Peak	28.22	30.65	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 3.56502 GHz, and the span is 60 MHz. The occupied bandwidth is measured as 28.2238 MHz, which is 99.00% of the 30 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -5.904 kHz. The XdB bandwidth is 30.652 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 %
28.2238 MHz	x dB	-26.00 dB
Transmit Freq Error	-5.904 kHz	
x dB Bandwidth	30.652 MHz	

1.41. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	1	Peak	28.2	30.44	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is set to a center frequency of 3.62499 GHz and a span of 60 MHz. The vertical axis is labeled 'dB/Offst' with a value of 12.3 dB. The horizontal axis is labeled 'MHz' with a value of 30.44 MHz. The plot shows a signal with a peak level of 30 dB and a bandwidth of 28.1970 MHz. The signal is measured with a resolution bandwidth (RBW) of 3 MHz and a sweep time of 5 seconds (401 points). The signal is measured with a peak detector and a 30 dB attenuator. The signal is measured with a 30 dB reference level. The signal is measured with a 30 dB reference level. The signal is measured with a 30 dB reference level.

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Occupied Bandwidth 28.1970 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -2.963 kHz

x dB Bandwidth 30.444 MHz

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1.42. Occupied Bandwidth for SA_Part96(Channel:645666, 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
3684.99	99	26	1	Peak	28.21	30.63	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 3.68499 GHz. The main display shows a spectrum plot with a yellow trace representing the signal. The plot is set to a logarithmic scale (Log 10) with a reference level of 30 dBm and an attenuation of 30 dB. The occupied bandwidth is highlighted in a green box, showing a value of 28.2054 MHz. The percentage of power within this bandwidth is 99.00%, and the XdB bandwidth is -26.00 dB. Other parameters shown include a transmit frequency error of -2.621 kHz and a bandwidth of 30.630 MHz. The interface also 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 displays the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	X dB
28.2054 MHz	99.00 %	-26.00 dB

Transmit Freq Error: -2.621 kHz
x dB Bandwidth: 30.630 MHz

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1.43. Occupied Bandwidth for SA_Part96(Channel:637668, 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
3565.02	99	26	1	Peak	28.1	30.58	30	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 results are as follows:

Measurement	Value
Occupied Bandwidth	28.1009 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-36.163 kHz
x dB Bandwidth	30.576 MHz

Additional parameters shown in the interface include: Ch Freq 3.56502 GHz, Res BW 1 MHz, VBW 3 MHz, Span 60 MHz, Sweep 5 s (401 pts), and a copyright notice for Agilent Technologies from 2000-2012.

1.44. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	1	Peak	28.08	30.46	30	Pass

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
28.0839 MHz	x dB	-26.00 dB
Transmit Freq Error		-36.808 kHz
x dB Bandwidth		30.457 MHz

Other visible parameters include: Ch Freq 3.62499 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log, 10 dB/Offst, 12.3 dB, Center 3.624 99 GHz, Span 60 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

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1.45. Occupied Bandwidth for SA_Part96(Channel:645666, 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
3684.99	99	26	1	Peak	28.09	30.55	30	Pass

Agilent

Ch Freq 3.68499 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.1 dB

Center 3.684 99 GHz Span 60 MHz

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

Occupied Bandwidth 28.0937 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -31.092 kHz

x dB Bandwidth 30.553 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.46. Occupied Bandwidth for SA_Part96(Channel:637668, 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
3565.02	99	26	1	Peak	28.13	30.63	30	Pass

Agilent

Ch Freq 3.56502 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.3 dB

Center 3.565 02 GHz Span 60 MHz

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

Occupied Bandwidth 28.1278 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -11.379 kHz

x dB Bandwidth 30.625 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.47. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	1	Peak	28.15	30.63	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 3.62499 GHz. The main display shows a spectrum plot with a yellow trace representing the signal. The plot is set to a reference level of 30 dBm and an attenuation of 30 dB. The occupied bandwidth is highlighted in a green box, showing a value of 28.1495 MHz. The percentage of power within this bandwidth is 99.00%, and the XdB bandwidth is -26.00 dB. Other parameters shown include a transmit frequency error of -30.090 kHz and an XdB bandwidth of 30.632 MHz. The interface also 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'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
28.1495 MHz	x dB	-26.00 dB
Transmit Freq Error	-30.090 kHz	
x dB Bandwidth	30.632 MHz	

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1.48. Occupied Bandwidth for SA_Part96(Channel:645666, 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
3684.99	99	26	1	Peak	28.13	30.57	30	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace representing the signal. The plot is centered at 3.68499 GHz with a span of 60 MHz. The vertical axis is labeled 'dB/Offst' with a value of 12.1 dB. The horizontal axis is labeled 'Center' with a value of 3.68499 GHz. The plot shows a signal with a bandwidth of 28.1346 MHz and a power level of 99.00%. The XdB Down is -26.00 dB. The plot also shows the Res BW (1 MHz) and VBW (3 MHz) settings. The sweep time is 5 s (401 pts). The 'Occupied Bandwidth' measurement is highlighted in a green box.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
28.1346 MHz	x dB	-26.00 dB
Transmit Freq Error	-10.801 kHz	
x dB Bandwidth	30.572 MHz	

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1.49. Occupied Bandwidth for SA_Part96(Channel:638000, 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
3570	99	26	1	Peak	37.95	40.69	40	Pass

Agilent

Ch Freq 3.57 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.3 dB

Center 3.570 0 GHz Span 80 MHz

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

Occupied Bandwidth 37.9530 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -27.306 kHz

x dB Bandwidth 40.687 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.50. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	1	Peak	37.99	40.63	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 3.62499 GHz. The occupied bandwidth is 37.9863 MHz, which is 99.00% of the 40 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -31.704 kHz. The XdB bandwidth is 40.634 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 %
37.9863 MHz	x dB	-26.00 dB
Transmit Freq Error		-31.704 kHz
x dB Bandwidth		40.634 MHz

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1.51. Occupied Bandwidth for SA_Part96(Channel:645332, 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
3679.98	99	26	1	Peak	37.96	40.7	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 3.67998 GHz. The main display shows a spectrum plot with a yellow trace representing the signal. The plot is set to a reference level of 30 dBm and an attenuation of 30 dB. The occupied bandwidth is highlighted in a green box, showing a value of 37.9602 MHz. The percentage of power within this bandwidth is 99.00%, and the XdB bandwidth is -26.00 dB. Other parameters shown include a transmit frequency error of -31.300 kHz and an XdB bandwidth of 40.697 MHz. The interface also 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'.

Occupied Bandwidth	Occ BW % Pwr	X dB
37.9602 MHz	99.00 %	-26.00 dB

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1.52. Occupied Bandwidth for SA_Part96(Channel:638000, 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
3570	99	26	1	Peak	37.99	40.62	40	Pass

Agilent

Ch Freq 3.57 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.3 dB

Center 3.570 0 GHz Span 80 MHz

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

Occupied Bandwidth 37.9889 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -50.921 kHz

x dB Bandwidth 40.617 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

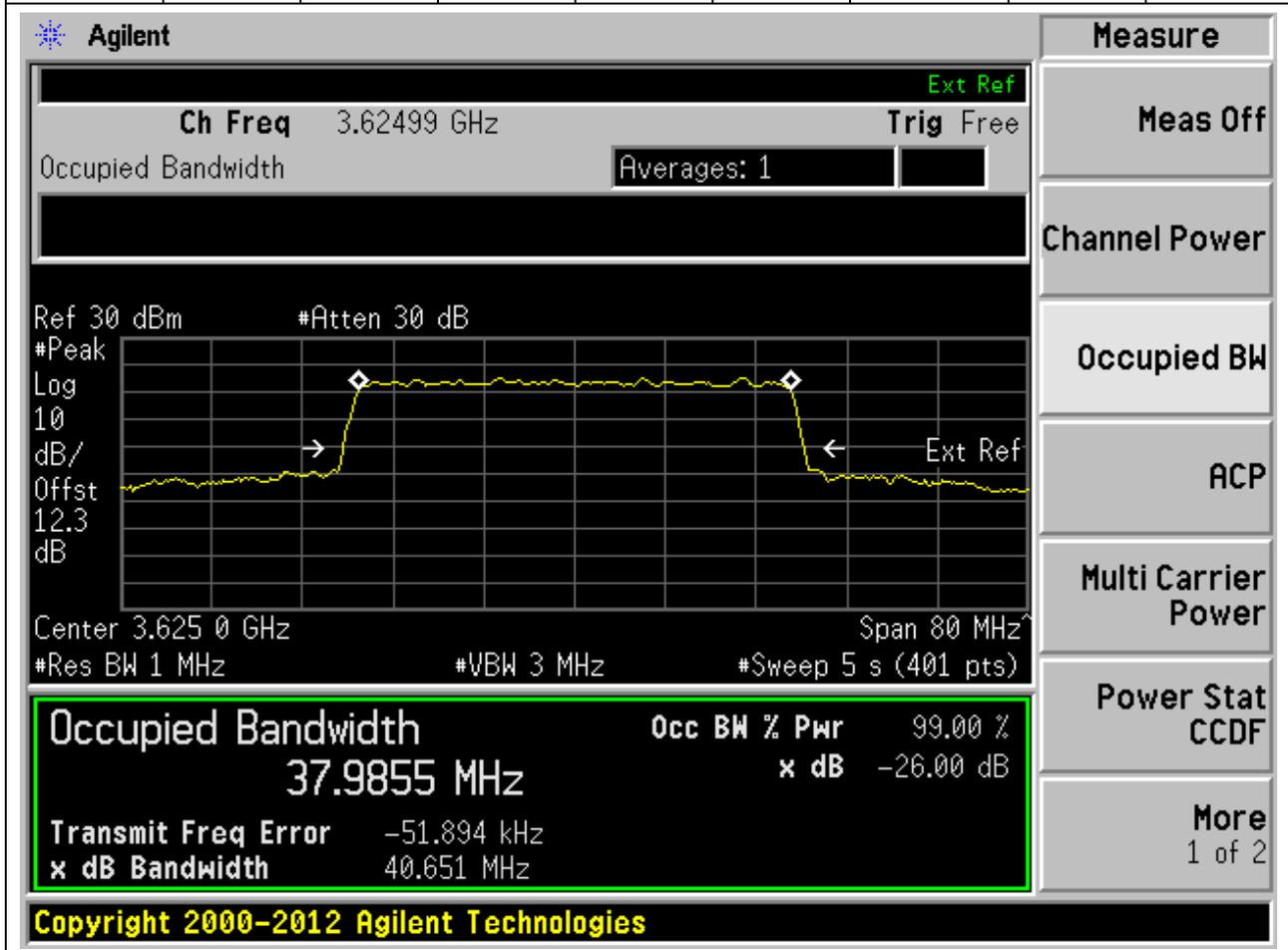
Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.53. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	1	Peak	37.99	40.65	40	Pass



1.54. Occupied Bandwidth for SA_Part96(Channel:645332, 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
3679.98	99	26	1	Peak	37.99	40.63	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 3.67998 GHz. The main display shows a spectrum plot with a yellow trace representing the signal. The plot is set to a center frequency of 3.6800 GHz and a span of 80 MHz. The resolution bandwidth (RBW) is 3 MHz, and the video bandwidth (VBW) is 3 MHz. The sweep time is 5 seconds. The plot shows a signal with a peak level of approximately -26 dB. The occupied bandwidth is measured as 37.9872 MHz, which is 99.00% of the total bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -47.065 kHz, and the XdB bandwidth is 40.635 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 %
37.9872 MHz	x dB	-26.00 dB
Transmit Freq Error	-47.065 kHz	
x dB Bandwidth	40.635 MHz	

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1.55. Occupied Bandwidth for SA_Part96(Channel:638000, 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
3570	99	26	1	Peak	38.07	40.66	40	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The measurement results are summarized in a table at the bottom of the screen:

Measurement	Value
Occupied Bandwidth	38.0659 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-42.759 kHz
x dB Bandwidth	40.664 MHz

Additional parameters shown in the interface include: Ch Freq 3.57 GHz, Span 80 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts), and Ref 30 dBm. 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'.

1.56. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	1	Peak	38.07	40.65	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 results are as follows:

Measurement	Value
Occupied Bandwidth	38.0654 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-43.886 kHz
x dB Bandwidth	40.647 MHz

Additional parameters shown in the interface include: Ch Freq 3.62499 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log 10, dB/Offst 12.3 dB, Center 3.625 0 GHz, Span 80 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts).

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1.57. Occupied Bandwidth for SA_Part96(Channel:645332, 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
3679.98	99	26	1	Peak	38.07	40.64	40	Pass

Agilent

Ch Freq 3.67998 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.1 dB

Center 3.680 0 GHz Span 80 MHz

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

Occupied Bandwidth 38.0697 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -43.931 kHz

x dB Bandwidth 40.637 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

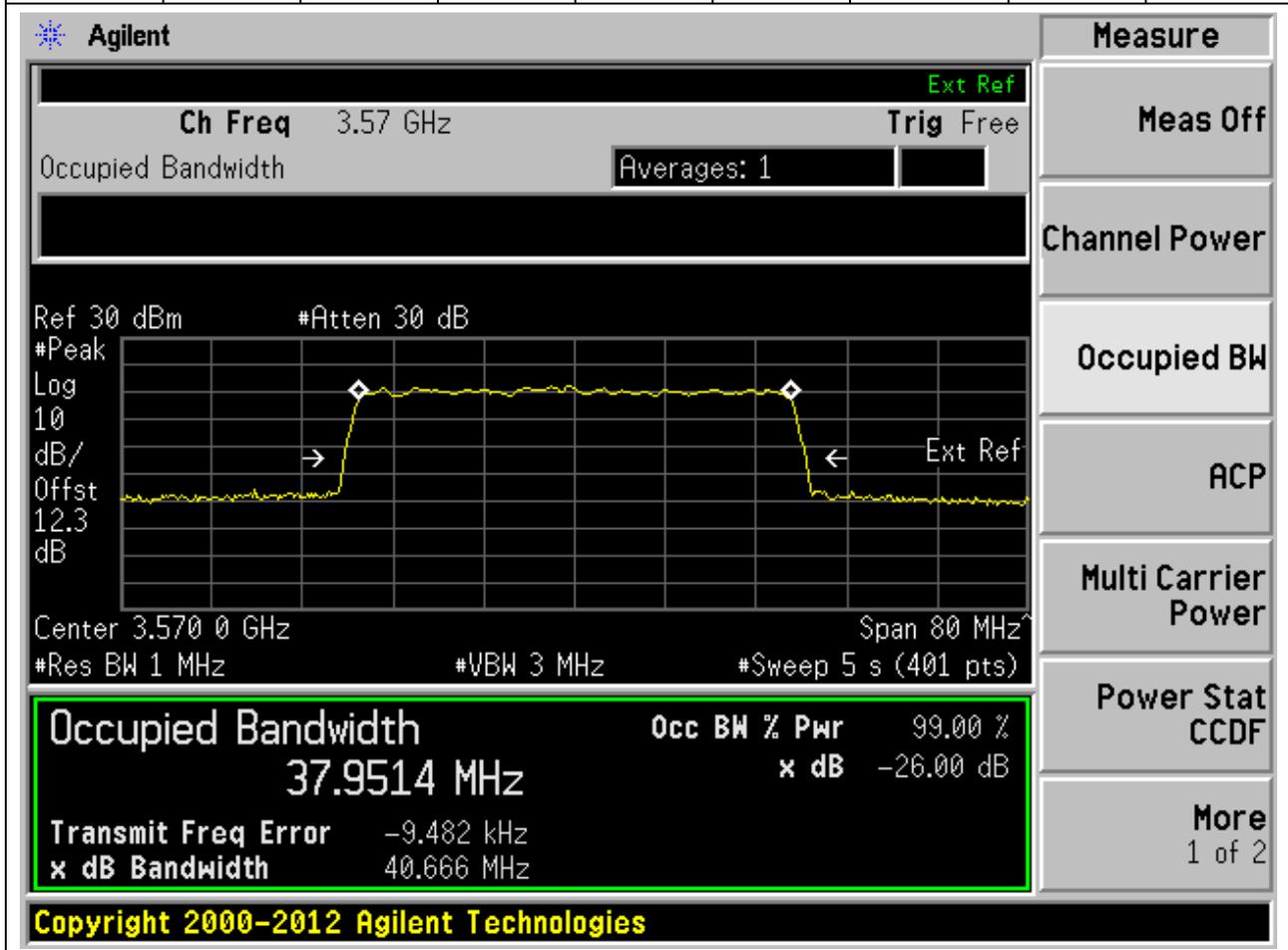
Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.58. Occupied Bandwidth for SA_Part96(Channel:638000, 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
3570	99	26	1	Peak	37.95	40.67	40	Pass



1.59. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	1	Peak	37.99	40.67	40	Pass

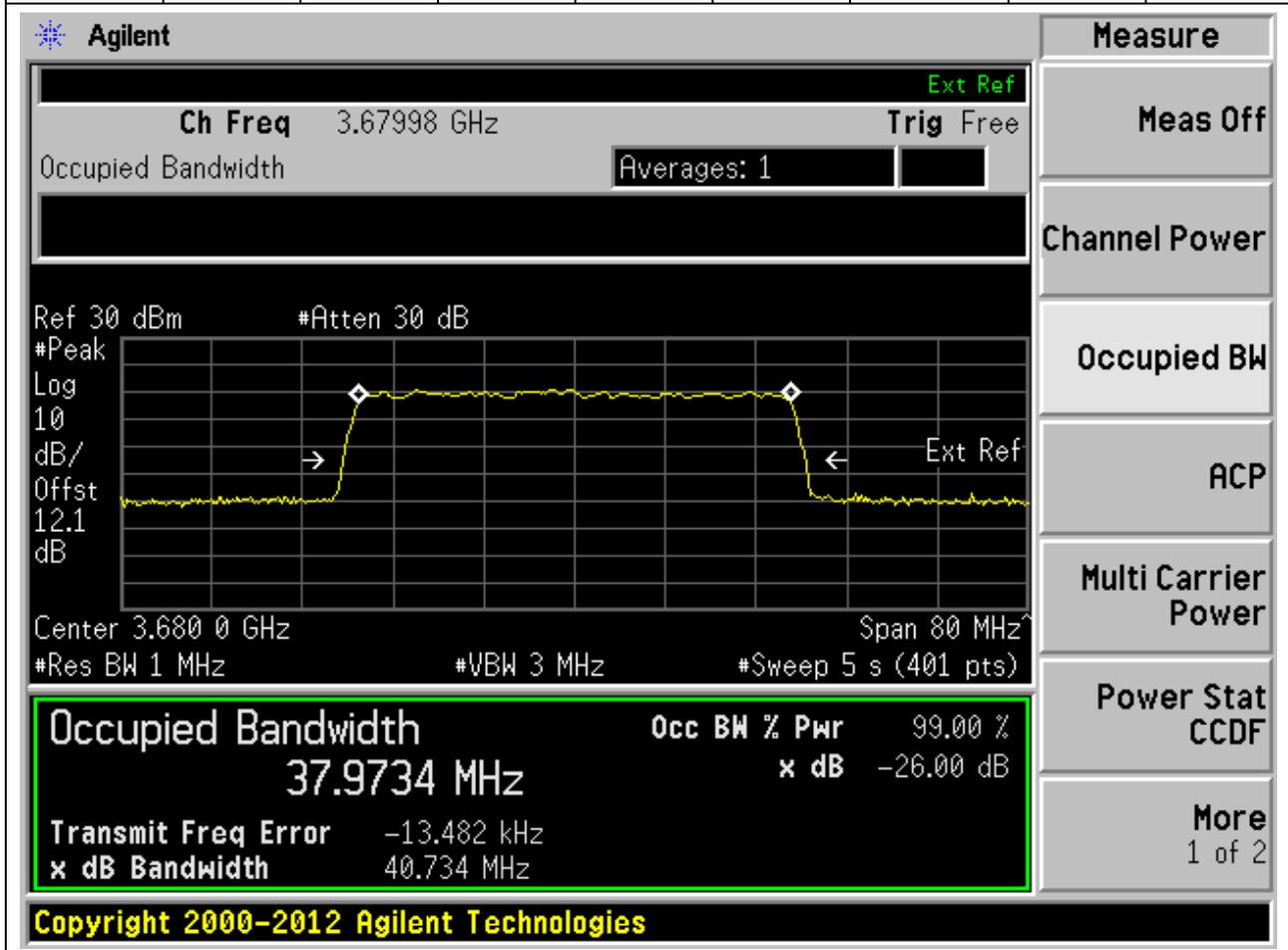
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot parameters are: Center 3.625 0 GHz, Span 80 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (401 pts). The plot shows a signal with a peak at approximately 3.625 GHz. The measurement results are displayed in a green-bordered box:

Occupied Bandwidth	Occ BW % Pwr	99.00 %
37.9894 MHz	x dB	-26.00 dB
Transmit Freq Error		4.429 kHz
x dB Bandwidth		40.671 MHz

Additional parameters shown in the interface include: Ch Freq 3.62499 GHz, Trig Free, Averages: 1, Ref 30 dBm, #Atten 30 dB, #Peak, Log 10, dB/Offst 12.3 dB, Ext Ref, and Power Stat CCDF. The bottom of the screen displays the copyright notice: Copyright 2000-2012 Agilent Technologies.

1.60. Occupied Bandwidth for SA_Part96(Channel:645332, 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
3679.98	99	26	1	Peak	37.97	40.73	40	Pass



1.61. Occupied Bandwidth for SA_Part96(Channel:638334, 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
3575.01	99	26	1	Peak	47.52	50.27	50	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 3.57501 GHz. The main display shows a spectrum plot with a yellow trace. The plot parameters include: Ref 30 dBm, #Atten 30 dB, #Peak, Log, 10 dB/Offst, 12.2 dB, Center 3.575 01 GHz, Span 100 MHz, #Res BW 1 MHz, #VBW 3 MHz, and #Sweep 5 s (500 pts). The plot shows a signal with a flat top and sloped sides, with two white diamonds marking the edges of the signal. The 'Ext Ref' label is visible on the right side of the plot.

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

The 'Occupied Bandwidth' measurement results are highlighted in a green box:

Occupied Bandwidth	Occ BW % Pwr	99.00 %
47.5229 MHz	x dB	-26.00 dB
Transmit Freq Error		-47.872 kHz
x dB Bandwidth		50.271 MHz

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1.62. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	1	Peak	47.51	50.33	50	Pass

Agilent

Ch Freq 3.62499 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.3 dB

Center 3.624 99 GHz Span 100 MHz

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

Occupied Bandwidth 47.5072 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -20.895 kHz

x dB Bandwidth 50.328 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.63. Occupied Bandwidth for SA_Part96(Channel:645000, 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
3675	99	26	1	Peak	47.51	50.33	50	Pass

Agilent

Ch Freq 3.675 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.1 dB

Center 3.675 00 GHz Span 100 MHz

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

Occupied Bandwidth 47.5142 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -24.347 kHz

x dB Bandwidth 50.335 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.64. Occupied Bandwidth for SA_Part96(Channel:638334, 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
3575.01	99	26	1	Peak	47.55	50.44	50	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 3.57501 GHz. The main display shows a spectral plot with a yellow trace representing the signal. The plot is set to a logarithmic scale (Log 10) with a reference level of 30 dBm and an attenuation of 30 dB. The center frequency is 3.57501 GHz, the span is 100 MHz, the resolution bandwidth (RBW) is 3 MHz, and the sweep time is 5 seconds. The occupied bandwidth is measured as 47.5476 MHz, which is 99.00% of the power. The XdB bandwidth is 50.442 MHz, and the XdB down is -26.00 dB. The transmit frequency error is 16.609 kHz. 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 %
47.5476 MHz	x dB	-26.00 dB
Transmit Freq Error	16.609 kHz	
x dB Bandwidth	50.442 MHz	

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1.65. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	1	Peak	47.55	50.4	50	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 3.62499 GHz. The occupied bandwidth is 47.5450 MHz, and the power is 99.00%. The XdB down is -26.00 dB. The transmit frequency error is 29.118 kHz, and the XdB bandwidth is 50.404 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 %
47.5450 MHz	x dB	-26.00 dB
Transmit Freq Error	29.118 kHz	
x dB Bandwidth	50.404 MHz	

1.66. Occupied Bandwidth for SA_Part96(Channel:645000, 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
3675	99	26	1	Peak	47.54	50.27	50	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 3.675 GHz, and the span is 100 MHz. The resolution bandwidth (RBW) is 3 MHz, and the video bandwidth (VBW) is 3 MHz. The sweep time is 5 seconds (500 points). The occupied bandwidth is measured as 47.5449 MHz, which is 99.00% of the 50 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is 19.872 kHz. The XdB bandwidth is 50.272 MHz. The interface also shows a 'Measure' menu with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The copyright notice at the bottom reads 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
47.5449 MHz	x dB	-26.00 dB
Transmit Freq Error	19.872 kHz	
x dB Bandwidth	50.272 MHz	

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1.67. Occupied Bandwidth for SA_Part96(Channel:638334, 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
3575.01	99	26	1	Peak	47.65	50.43	50	Pass

Agilent

Ch Freq 3.57501 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dB #Peak Log 10 dB/Offst 12.2 dB #Atten 30 dB

Center 3.575 01 GHz Span 100 MHz #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (500 pts)

Occupied Bandwidth 47.6545 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -106.018 kHz

x dB Bandwidth 50.427 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.68. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	1	Peak	47.67	50.46	50	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 3.62499 GHz. The main display shows a spectrum plot with a yellow trace representing the signal. The plot is set to a reference level of 30 dBm and an attenuation of 30 dB. The occupied bandwidth is measured as 47.6653 MHz, which is 99.00% of the 50 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -100.331 kHz. The XdB bandwidth is 50.465 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 %
47.6653 MHz	x dB	-26.00 dB
Transmit Freq Error		-100.331 kHz
x dB Bandwidth		50.465 MHz

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1.69. Occupied Bandwidth for SA_Part96(Channel:645000, 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
3675	99	26	1	Peak	47.66	50.41	50	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The measurement results are summarized in a table at the bottom of the screen:

Measurement	Value
Occupied Bandwidth	47.6604 MHz
Occ BW % Pwr	99.00 %
x dB	-26.00 dB
Transmit Freq Error	-106.765 kHz
x dB Bandwidth	50.407 MHz

Additional parameters shown in the interface include: Ch Freq 3.675 GHz, Res BW 1 MHz, VBW 3 MHz, Span 100 MHz, and Sweep 5 s (500 pts). The interface also includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More 1 of 2'.

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1.70. Occupied Bandwidth for SA_Part96(Channel:638334, 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
3575.01	99	26	1	Peak	47.53	50.37	50	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The plot is centered at 3.57501 GHz with a span of 100 MHz. The resolution bandwidth (RBW) is 1 MHz and the video bandwidth (VBW) is 3 MHz. The sweep time is 5 seconds with 500 points. The plot shows a signal with a peak level of approximately -26 dB. The occupied bandwidth is measured as 47.5308 MHz, which is 99.00% of the 50 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -9.169 kHz. The XdB bandwidth is 50.373 MHz. The interface also shows various measurement controls and a 'Measure' menu on the right side.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
47.5308 MHz	x dB	-26.00 dB
Transmit Freq Error	-9.169 kHz	
x dB Bandwidth	50.373 MHz	

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1.71. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	1	Peak	47.53	50.4	50	Pass

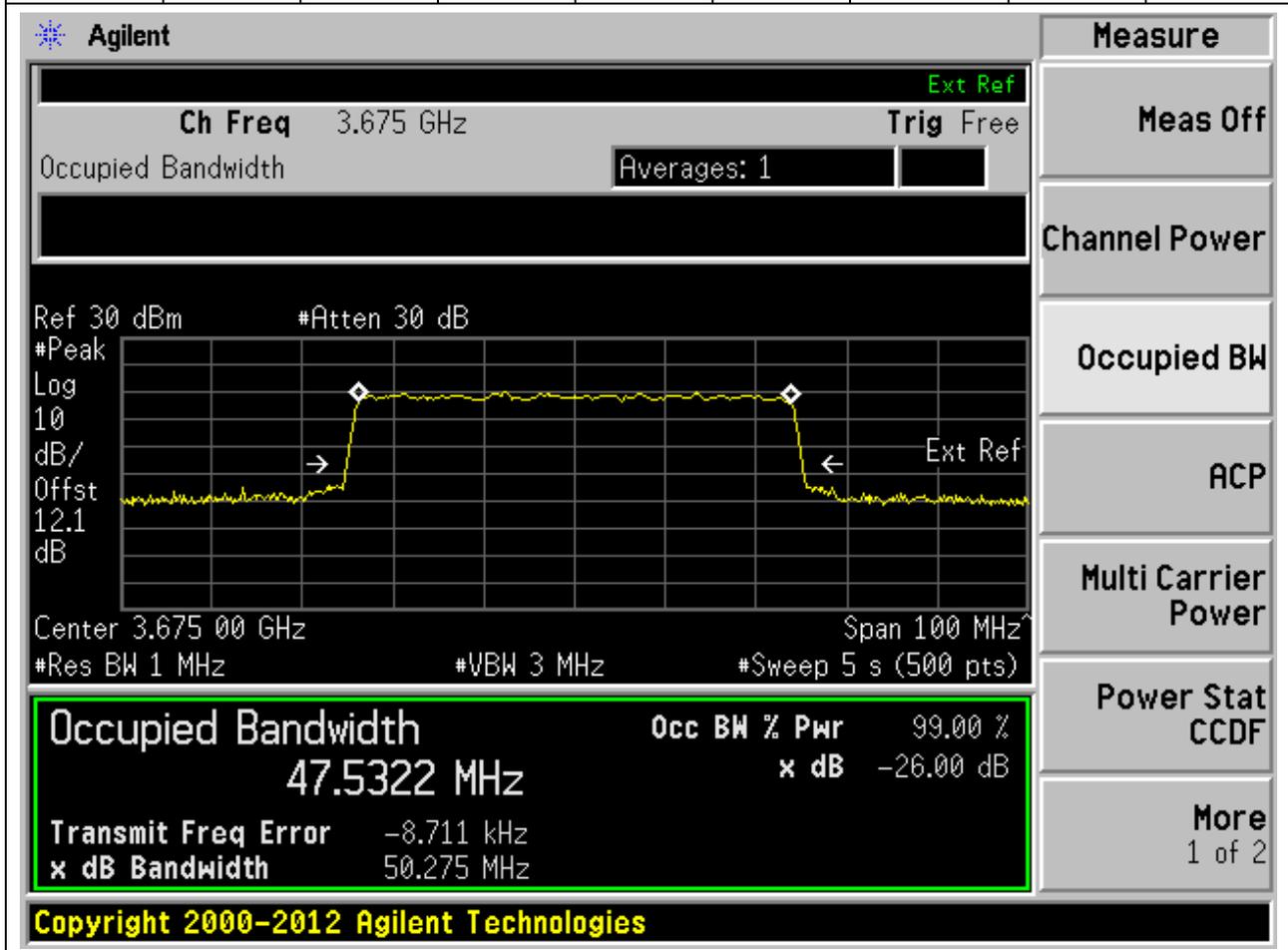
The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 3.62499 GHz, and the span is 100 MHz. The occupied bandwidth is measured as 47.5306 MHz, which is 99.00% of the 50.402 MHz bandwidth. The XdB Down is -26.00 dB. The transmit frequency error is -7.349 kHz. 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 %
47.5306 MHz	x dB	-26.00 dB
Transmit Freq Error	-7.349 kHz	
x dB Bandwidth	50.402 MHz	

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1.72. Occupied Bandwidth for SA_Part96(Channel:645000, 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
3675	99	26	1	Peak	47.53	50.28	50	Pass



1.73. Occupied Bandwidth for SA_Part96(Channel:638668, 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
3580.02	99	26	1	Peak	57.79	60.62	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 3.58002 GHz, and the span is 120 MHz. The occupied bandwidth is measured as 57.7910 MHz, which is 99.00% of the 60 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -21.284 kHz. The XdB bandwidth is 60.621 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 %
57.7910 MHz	x dB	-26.00 dB
Transmit Freq Error		-21.284 kHz
x dB Bandwidth		60.621 MHz

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1.74. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	1	Peak	57.86	60.68	60	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 3.62499 GHz. The main display shows a spectrum plot with a yellow trace representing the signal. The plot is set to a reference level of 30 dBm and an attenuation of 30 dB. The occupied bandwidth is highlighted in a green box, showing a value of 57.8616 MHz. The percentage of power within this bandwidth is 99.00%, and the XdB bandwidth is -26.00 dB. Other parameters shown include a transmit frequency error of -32.058 kHz and an XdB bandwidth of 60.678 MHz. The interface also 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'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
57.8616 MHz	x dB	-26.00 dB
Transmit Freq Error	-32.058 kHz	
x dB Bandwidth	60.678 MHz	

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1.75. Occupied Bandwidth for SA_Part96(Channel:644666, 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
3669.99	99	26	1	Peak	57.77	60.67	60	Pass

Agilent

Ch Freq 3.66999 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.2 dB

Center 3.669 99 GHz Span 120 MHz

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

Occupied Bandwidth 57.7748 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -11.838 kHz

x dB Bandwidth 60.666 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.76. Occupied Bandwidth for SA_Part96(Channel:638668, 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
3580.02	99	26	1	Peak	57.74	60.62	60	Pass

Agilent

Ch Freq 3.58002 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Peak Log 10 dB/Offst 12.2 dB #Atten 30 dB

Center 3.580 02 GHz Span 120 MHz #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (600 pts)

Occupied Bandwidth 57.7408 MHz

Occ BW % Pwr 99.00 %
x dB -26.00 dB

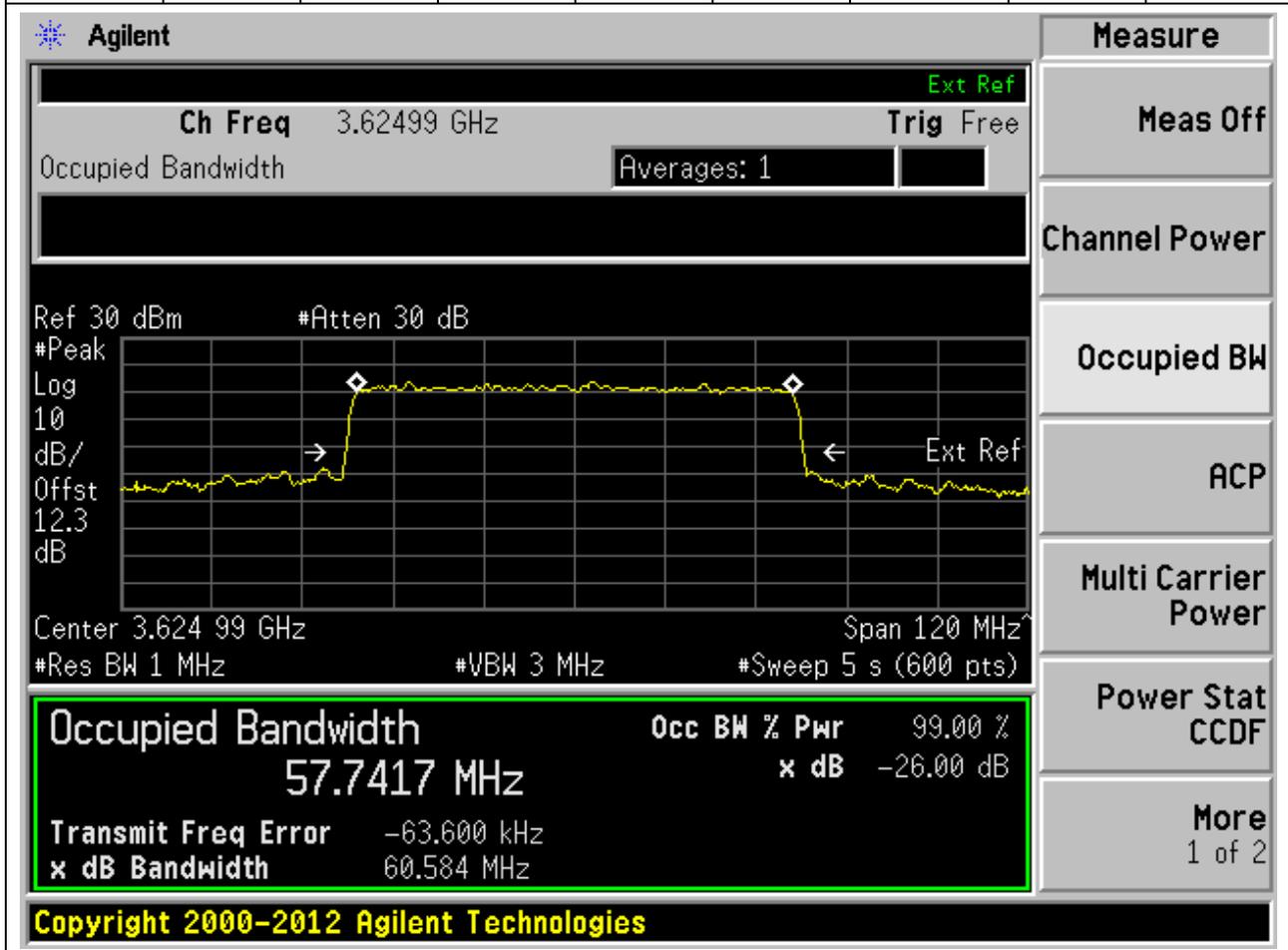
Transmit Freq Error -67.507 kHz
x dB Bandwidth 60.624 MHz

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

1.77. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	1	Peak	57.74	60.58	60	Pass



1.78. Occupied Bandwidth for SA_Part96(Channel:644666, 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
3669.99	99	26	1	Peak	57.73	60.6	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 3.66999 GHz, and the span is 120 MHz. The occupied bandwidth is measured as 57.7323 MHz, which is 99.00% of the 60.600 MHz bandwidth. The XdB Down is -26.00 dB. The transmit frequency error is -57.059 kHz. 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 %
57.7323 MHz	x dB	-26.00 dB
Transmit Freq Error	-57.059 kHz	
x dB Bandwidth	60.600 MHz	

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1.79. Occupied Bandwidth for SA_Part96(Channel:638668, Bandwidth:60, SCS:30, OFDM:CP-OFDM, Modulation:64QAM, RB Number:162, RB Position:0)

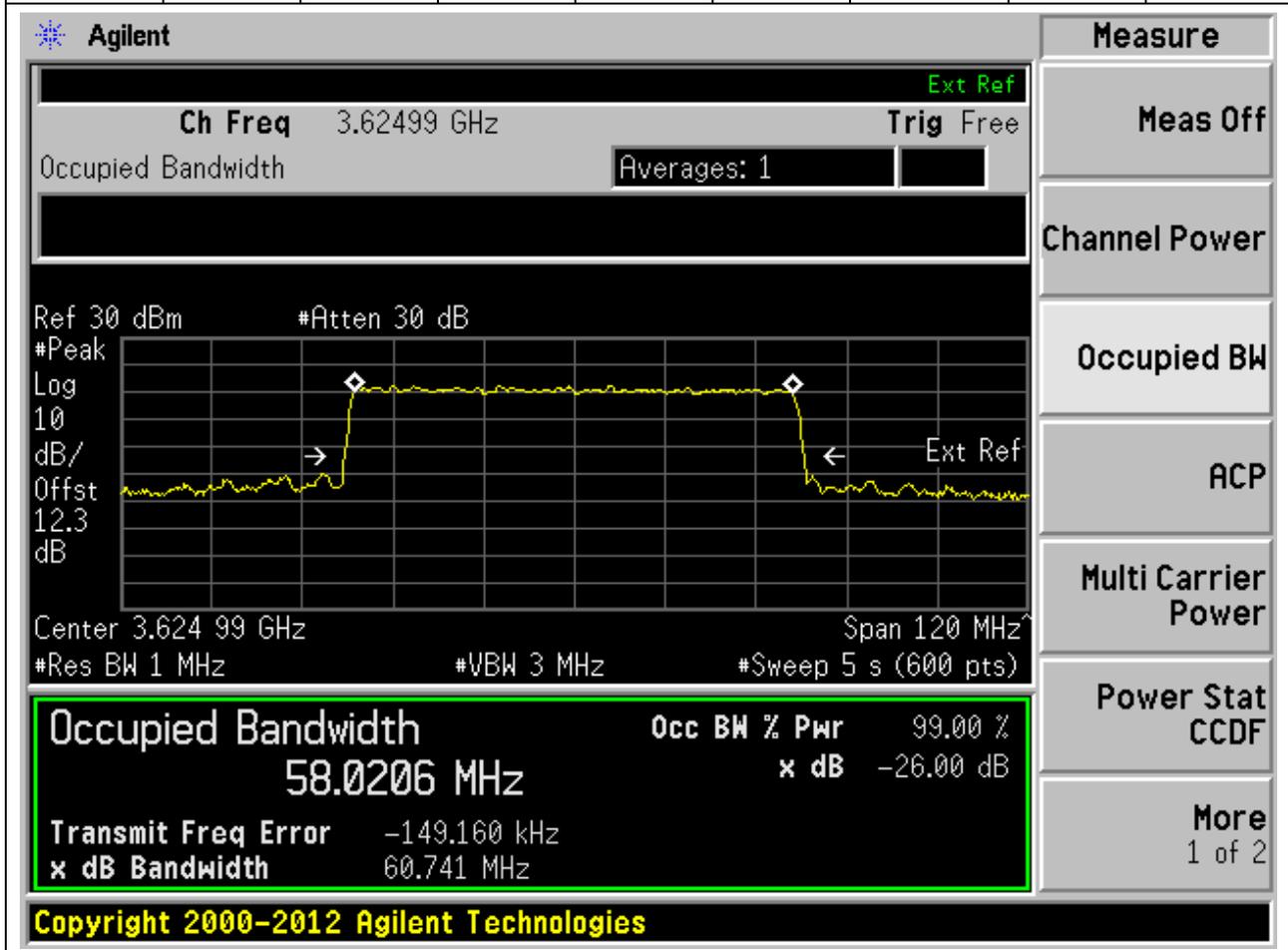
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
3580.02	99	26	1	Peak	58.02	60.67	60	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 3.58002 GHz, and the span is 120 MHz. The occupied bandwidth is measured as 58.0185 MHz, which is 99.00% of the 60 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -148.757 kHz. The XdB bandwidth is 60.671 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 %
58.0185 MHz	x dB	-26.00 dB
Transmit Freq Error	-148.757 kHz	
x dB Bandwidth	60.671 MHz	

1.80. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	1	Peak	58.02	60.74	60	Pass



1.82. Occupied Bandwidth for SA_Part96(Channel:638668, 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
3580.02	99	26	1	Peak	57.88	60.73	60	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace representing the signal. The plot is centered at 3.58002 GHz with a span of 120 MHz. The resolution bandwidth (RBW) is 3 MHz and the video bandwidth (VBW) is 3 MHz. The sweep time is 5 seconds (600 points). The plot shows a signal with a peak level of approximately -12.2 dB. The occupied bandwidth is measured as 57.8791 MHz, which is 99.00% of the total bandwidth. The XdB down is -26.00 dB. The transmit frequency error is 5.424 kHz. The XdB bandwidth is 60.730 MHz. The interface also shows various measurement controls and a 'Measure' menu on the right side.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
57.8791 MHz	x dB	-26.00 dB
Transmit Freq Error	5.424 kHz	
x dB Bandwidth	60.730 MHz	

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1.83. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	1	Peak	57.88	60.64	60	Pass

Agilent

Ch Freq 3.62499 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.3 dB

Center 3.624 99 GHz Span 120 MHz

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

Occupied Bandwidth 57.8815 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 9.271 kHz

x dB Bandwidth 60.642 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.84. Occupied Bandwidth for SA_Part96(Channel:644666, 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
3669.99	99	26	1	Peak	57.87	60.73	60	Pass

Agilent

Ch Freq 3.66999 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.2 dB

Center 3.669 99 GHz Span 120 MHz

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

Occupied Bandwidth 57.8734 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 11.467 kHz

x dB Bandwidth 60.726 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.85. Occupied Bandwidth for SA_Part96(Channel:639000, 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
3585	99	26	1	Peak	67.44	70.43	70	Pass

Agilent

Ch Freq 3.585 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.3 dB

Center 3.585 00 GHz Span 140 MHz

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

Occupied Bandwidth 67.4434 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -959.702 Hz

x dB Bandwidth 70.432 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.86. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	1	Peak	67.45	70.43	70	Pass

Agilent

Ch Freq 3.62499 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.3 dB

Center 3.624 99 GHz Span 140 MHz

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

Occupied Bandwidth 67.4453 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -927.445 Hz

x dB Bandwidth 70.427 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.87. Occupied Bandwidth for SA_Part96(Channel:644332, 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
3664.98	99	26	1	Peak	67.45	70.44	70	Pass

Agilent

Ch Freq 3.66498 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dB #Atten 30 dB

#Peak Log 10 dB/Offst 12.2 dB

Center 3.664 98 GHz Span 140 MHz

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

Occupied Bandwidth 67.4501 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 4.465 kHz

x dB Bandwidth 70.439 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.88. Occupied Bandwidth for SA_Part96(Channel:639000, 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
3585	99	26	1	Peak	67.44	70.32	70	Pass

Agilent

Ch Freq 3.585 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.3 dB

Center 3.585 00 GHz Span 140 MHz

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

Occupied Bandwidth 67.4388 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -67.170 kHz

x dB Bandwidth 70.323 MHz

Copyright 2000-2012 Agilent Technologies

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.89. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	1	Peak	67.44	70.27	70	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 3.62499 GHz. The main display shows a spectrum plot with a yellow trace representing the signal. The plot is set to a reference level of 30 dBm and an attenuation of 30 dB. The occupied bandwidth is highlighted in a green box, showing a value of 67.4429 MHz. The power level is 99.00% and the XdB down is -26.00 dB. The transmit frequency error is -61.810 kHz and the XdB bandwidth is 70.265 MHz. The interface also shows various measurement settings like Res BW (1 MHz), VBW (3 MHz), and Sweep (5 s, 700 pts).

Occupied Bandwidth	Occ BW % Pwr	99.00 %
67.4429 MHz	x dB	-26.00 dB
Transmit Freq Error	-61.810 kHz	
x dB Bandwidth	70.265 MHz	

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1.90. Occupied Bandwidth for SA_Part96(Channel:644332, 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
3664.98	99	26	1	Peak	67.44	70.36	70	Pass

Agilent

Ext Ref

Ch Freq 3.66498 GHz **Trig** Free

Occupied Bandwidth Averages: 1

Measure

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.2 dB

Center 3.664 98 GHz Span 140 MHz

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

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Occupied Bandwidth	Occ BW % Pwr 99.00 %
67.4398 MHz	x dB -26.00 dB
Transmit Freq Error -66.625 kHz	
x dB Bandwidth 70.362 MHz	

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1.91. Occupied Bandwidth for SA_Part96(Channel:639000, 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
3585	99	26	1	Peak	67.4	70.45	70	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 3.585 GHz, and the span is 140 MHz. The occupied bandwidth is measured as 67.4032 MHz, which is 99.00% of the 70 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -34.817 kHz, and the x dB bandwidth is 70.446 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 %
67.4032 MHz	x dB	-26.00 dB
Transmit Freq Error		-34.817 kHz
x dB Bandwidth		70.446 MHz

1.92. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	1	Peak	67.41	70.36	70	Pass

Agilent

Ch Freq 3.62499 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.3 dB

Center 3.624 99 GHz Span 140 MHz

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

Occupied Bandwidth 67.4121 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -29.430 kHz

x dB Bandwidth 70.365 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.93. Occupied Bandwidth for SA_Part96(Channel:644332, 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
3664.98	99	26	1	Peak	67.41	70.44	70	Pass

Agilent

Ch Freq 3.66498 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.2 dB

Center 3.664 98 GHz Span 140 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

67.4105 MHz x dB -26.00 dB

Transmit Freq Error -31.163 kHz

x dB Bandwidth 70.439 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.94. Occupied Bandwidth for SA_Part96(Channel:639000, 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
3585	99	26	1	Peak	67.41	70.45	70	Pass

Agilent

Ch Freq 3.585 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.3 dB

Center 3.585 00 GHz Span 140 MHz

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

Occupied Bandwidth 67.4065 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -71.635 kHz

x dB Bandwidth 70.451 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.95. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	1	Peak	67.42	70.43	70	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 3.62499 GHz. The main display shows a spectrum plot with a yellow trace representing the signal. The plot is set to a reference level of 30 dBm and an attenuation of 30 dB. The occupied bandwidth is highlighted in a green box, showing a value of 67.4176 MHz. The percentage of power within this bandwidth is 99.00%, and the XdB bandwidth is -26.00 dB. Other parameters shown include a transmit frequency error of -69.612 kHz and an XdB bandwidth of 70.434 MHz. The interface also 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 displays the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
67.4176 MHz	x dB	-26.00 dB
Transmit Freq Error	-69.612 kHz	
x dB Bandwidth	70.434 MHz	

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1.96. Occupied Bandwidth for SA_Part96(Channel:644332, 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
3664.98	99	26	1	Peak	67.4	70.38	70	Pass

Agilent

Ch Freq 3.66498 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.2 dB

Center 3.664 98 GHz Span 140 MHz

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

Occupied Bandwidth 67.3961 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -74.925 kHz

x dB Bandwidth 70.381 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.97. Occupied Bandwidth for SA_Part96(Channel:639334, 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
3590.01	99	26	1	Peak	77.37	80.56	80	Pass

Agilent

Ch Freq 3.59001 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.3 dB

Center 3.590 01 GHz Span 160 MHz

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

Occupied Bandwidth 77.3681 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -36.044 kHz

x dB Bandwidth 80.559 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.98. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	1	Peak	77.39	80.58	80	Pass

Agilent

Ch Freq 3.62499 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.3 dB

Center 3.624 99 GHz Span 160 MHz

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

Occupied Bandwidth 77.3879 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -43.007 kHz

x dB Bandwidth 80.577 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.99. Occupied Bandwidth for SA_Part96(Channel:644000, 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
3660	99	26	1	Peak	77.4	80.53	80	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 3.66 GHz, and the span is 160 MHz. The occupied bandwidth is measured as 77.4005 MHz, which is 99.00% of the 80 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -38.943 kHz, and the x dB bandwidth is 80.528 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 %
77.4005 MHz	x dB	-26.00 dB
Transmit Freq Error		-38.943 kHz
x dB Bandwidth		80.528 MHz

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1.100. Occupied Bandwidth for SA_Part96(Channel:639334, 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
3590.01	99	26	1	Peak	77.47	80.57	80	Pass

Agilent

Ch Freq 3.59001 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dB #Atten 30 dB

#Peak Log 10 dB/Offst 12.3 dB

Center 3.590 01 GHz Span 160 MHz

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

Occupied Bandwidth 77.4669 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -46.519 kHz

x dB Bandwidth 80.569 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.101. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	1	Peak	77.48	80.53	80	Pass

Agilent

Ch Freq 3.62499 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.3 dB

Center 3.624 99 GHz Span 160 MHz

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

Occupied Bandwidth 77.4782 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -55.930 kHz

x dB Bandwidth 80.533 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.102. Occupied Bandwidth for SA_Part96(Channel:644000, 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
3660	99	26	1	Peak	77.5	80.6	80	Pass

Agilent

Ch Freq 3.66 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.2 dB

Center 3.660 00 GHz Span 160 MHz

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

Occupied Bandwidth 77.4961 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -71.163 kHz

x dB Bandwidth 80.602 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.103. Occupied Bandwidth for SA_Part96(Channel:639334, 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
3590.01	99	26	1	Peak	77.46	80.54	80	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 3.59001 GHz, and the span is 160 MHz. The occupied bandwidth is measured as 77.4621 MHz, which is 99.00% of the 80 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is 19.442 kHz, and the XdB bandwidth is 80.535 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 %
77.4621 MHz	x dB	-26.00 dB
Transmit Freq Error	19.442 kHz	
x dB Bandwidth	80.535 MHz	

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1.104. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	1	Peak	77.46	80.52	80	Pass

Agilent

Ch Freq 3.62499 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.3 dB

Center 3.624 99 GHz Span 160 MHz

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

Occupied Bandwidth 77.4634 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 13.161 kHz

x dB Bandwidth 80.524 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.105. Occupied Bandwidth for SA_Part96(Channel:644000, 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
3660	99	26	1	Peak	77.47	80.57	80	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 3.66 GHz, and the span is 160 MHz. The occupied bandwidth is measured as 77.4660 MHz, which is 99.00% of the 80 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is 20.016 kHz, and the XdB bandwidth is 80.565 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 %
77.4660 MHz	x dB	-26.00 dB
Transmit Freq Error	20.016 kHz	
x dB Bandwidth	80.565 MHz	

1.106. Occupied Bandwidth for SA_Part96(Channel:639334, 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
3590.01	99	26	1	Peak	77.36	80.64	80	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a signal spectrum with a yellow trace. The center frequency is 3.59001 GHz, and the span is 160 MHz. The occupied bandwidth is measured as 77.3645 MHz, which is 99.00% of the 80 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -32.355 kHz, and the XdB bandwidth is 80.639 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 %
77.3645 MHz	x dB	-26.00 dB
Transmit Freq Error		-32.355 kHz
x dB Bandwidth		80.639 MHz

1.107. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	1	Peak	77.36	80.63	80	Pass

Agilent

Ch Freq 3.62499 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.3 dB

Center 3.624 99 GHz Span 160 MHz

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

Occupied Bandwidth 77.3608 MHz

Occ BW % Pwr 99.00 %

x dB Bandwidth 80.630 MHz

ACP -26.00 dB

Transmit Freq Error -29.027 kHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.108. Occupied Bandwidth for SA_Part96(Channel:644000, 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
3660	99	26	1	Peak	77.39	80.6	80	Pass

Agilent

Ch Freq 3.66 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.2 dB

Center 3.660 00 GHz Span 160 MHz

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

Occupied Bandwidth 77.3879 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -17.404 kHz

x dB Bandwidth 80.602 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.109. Occupied Bandwidth for SA_Part96(Channel:639668, 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
3595.02	99	26	1	Peak	87.27	90.68	90	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 3.59502 GHz, and the span is 180 MHz. The occupied bandwidth is measured as 87.2744 MHz, which is 99.00% of the 90 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -39.701 kHz. The XdB bandwidth is 90.682 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 %
87.2744 MHz	x dB	-26.00 dB
Transmit Freq Error		-39.701 kHz
x dB Bandwidth		90.682 MHz

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1.110. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	1	Peak	87.26	90.68	90	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 3.62499 GHz. The main display shows a spectrum plot with a yellow trace. The plot parameters include a reference level of 30 dBm, an attenuation of 30 dB, a resolution bandwidth of 1 MHz, and a video bandwidth of 3 MHz. The span is 180 MHz. The measurement results are highlighted in a green box:

Occupied Bandwidth	Occ BW % Pwr	99.00 %
87.2622 MHz	x dB	-26.00 dB
Transmit Freq Error		-24.461 kHz
x dB Bandwidth		90.683 MHz

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

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1.111. Occupied Bandwidth for SA_Part96(Channel:643666, 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
3654.99	99	26	1	Peak	87.26	90.64	90	Pass

Agilent

Ch Freq 3.65499 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.3 dB

Center 3.654 99 GHz Span 180 MHz

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

Occupied Bandwidth 87.2623 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -27.842 kHz

x dB Bandwidth 90.635 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.112. Occupied Bandwidth for SA_Part96(Channel:639668, 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
3595.02	99	26	1	Peak	87.33	90.54	90	Pass

Agilent

Ch Freq 3.59502 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.4 dB

Center 3.595 02 GHz Span 180 MHz

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

Occupied Bandwidth Occ BW % Pwr 99.00 %

87.3252 MHz x dB -26.00 dB

Transmit Freq Error -139.030 kHz

x dB Bandwidth 90.535 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.113. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	1	Peak	87.35	90.59	90	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 3.62499 GHz. The main display shows a spectrum plot with a yellow trace. The plot parameters include a reference level of 30 dBm, an attenuation of 30 dB, a resolution bandwidth of 1 MHz, and a video bandwidth of 3 MHz. The span is 180 MHz. The measurement results are highlighted in a green box:

Occupied Bandwidth	Occ BW % Pwr	99.00 %
87.3498 MHz	x dB	-26.00 dB
Transmit Freq Error		-123.269 kHz
x dB Bandwidth		90.588 MHz

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

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1.114. Occupied Bandwidth for SA_Part96(Channel:643666, 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
3654.99	99	26	1	Peak	87.34	90.63	90	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 3.65499 GHz. The main display shows a spectrum plot with a yellow trace representing the signal. The plot is set to a logarithmic scale (Log 10) with a reference level of 30 dBm and an attenuation of 30 dB. The occupied bandwidth is measured as 87.3359 MHz, which is 99.00% of the 90 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -131.495 kHz, and the XdB bandwidth is 90.626 MHz. The interface includes a 'Measure' menu on the right with options like 'Meas Off', 'Channel Power', 'Occupied BW', 'ACP', 'Multi Carrier Power', 'Power Stat CCDF', and 'More'. The bottom of the screen shows the copyright notice: 'Copyright 2000-2012 Agilent Technologies'.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
87.3359 MHz	x dB	-26.00 dB
Transmit Freq Error	-131.495 kHz	
x dB Bandwidth	90.626 MHz	

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1.115. Occupied Bandwidth for SA_Part96(Channel:639668, 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
3595.02	99	26	1	Peak	87.32	90.74	90	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 3.59502 GHz, and the span is 180 MHz. The occupied bandwidth is measured as 87.3161 MHz, which is 99.00% of the 90 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -84.346 kHz, and the XdB bandwidth is 90.739 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 %
87.3161 MHz	x dB	-26.00 dB
Transmit Freq Error	-84.346 kHz	
x dB Bandwidth	90.739 MHz	

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1.116. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	1	Peak	87.32	90.71	90	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 3.62499 GHz. The occupied bandwidth is 87.3164 MHz, which is 99.00% of the 90 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -72.421 kHz. The XdB bandwidth is 90.707 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 %
87.3164 MHz	x dB	-26.00 dB
Transmit Freq Error	-72.421 kHz	
x dB Bandwidth	90.707 MHz	

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1.117. Occupied Bandwidth for SA_Part96(Channel:643666, 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
3654.99	99	26	1	Peak	87.32	90.72	90	Pass

Agilent

Ch Freq 3.65499 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.3 dB

Center 3.654 99 GHz Span 180 MHz

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

Occupied Bandwidth 87.3218 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -75.575 kHz

x dB Bandwidth 90.722 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.118. Occupied Bandwidth for SA_Part96(Channel:639668, 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
3595.02	99	26	1	Peak	87.35	90.66	90	Pass

Agilent

Ch Freq 3.59502 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.4 dB

Center 3.595 02 GHz Span 180 MHz

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

Occupied Bandwidth 87.3480 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -7.448 kHz

x dB Bandwidth 90.658 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.119. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	1	Peak	87.35	90.67	90	Pass

The screenshot displays the Agilent spectrum analyzer interface. At the top, the channel frequency is 3.62499 GHz. The main display shows a spectrum plot with a yellow trace representing the signal. The plot is set to a reference level of 30 dBm and an attenuation of 30 dB. The occupied bandwidth is highlighted with a green box and shows a value of 87.3538 MHz. The power level is 99.00% and the XdB bandwidth is -26.00 dB. The transmit frequency error is -4.149 Hz and the XdB bandwidth is 90.674 MHz. The interface also shows various measurement settings like Res BW (1 MHz), VBW (3 MHz), and Sweep (5 s).

Occupied Bandwidth	Occ BW % Pwr	99.00 %
87.3538 MHz	x dB	-26.00 dB
Transmit Freq Error	-4.149 Hz	
x dB Bandwidth	90.674 MHz	

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1.120. Occupied Bandwidth for SA_Part96(Channel:643666, 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
3654.99	99	26	1	Peak	87.33	90.62	90	Pass

Agilent

Ch Freq 3.65499 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.3 dB

Center 3.654 99 GHz Span 180 MHz

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

Occupied Bandwidth 87.3330 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -278.262 Hz

x dB Bandwidth 90.625 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.121. Occupied Bandwidth for SA_Part96(Channel:640000, 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
3600	99	26	1	Peak	97.18	100.74	100	Pass

Agilent
Measure

Ch Freq 3.6 GHz
Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

Center 3.600 00 GHz Span 200 MHz
 #Res BW 1 MHz #VBW 3 MHz #Sweep 5 s (1000 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
97.1830 MHz	x dB	-26.00 dB
Transmit Freq Error	-136.052 kHz	
x dB Bandwidth	100.739 MHz	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

1.122. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	1	Peak	97.21	100.82	100	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 3.62499 GHz. The occupied bandwidth is measured as 97.2074 MHz, which is 99.00% of the 100 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -119.583 kHz. The XdB bandwidth is 100.823 MHz. The interface includes various controls and measurement options on the right side.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
97.2074 MHz	x dB	-26.00 dB
Transmit Freq Error	-119.583 kHz	
x dB Bandwidth	100.823 MHz	

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1.123. Occupied Bandwidth for SA_Part96(Channel:643332, 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
3649.98	99	26	1	Peak	97.22	100.72	100	Pass

Agilent

Ch Freq 3.64998 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.3 dB

Center 3.649 98 GHz Span 200 MHz

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

Occupied Bandwidth 97.2164 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error -109.140 kHz

x dB Bandwidth 100.716 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.124. Occupied Bandwidth for SA_Part96(Channel:640000, 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
3600	99	26	1	Peak	97.12	100.75	100	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 3.60000 GHz, and the span is 200 MHz. The resolution bandwidth (RBW) is 3 MHz, and the video bandwidth (VBW) is 3 MHz. The sweep time is 5 seconds. The occupied bandwidth is measured as 97.1184 MHz, which is 99.00% of the 100 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -53.641 kHz, and the XdB bandwidth is 100.752 MHz. The interface also shows various measurement settings like reference level (30 dB), attenuation (30 dB), and detector type (Peak).

Occupied Bandwidth	Occ BW % Pwr	99.00 %
97.1184 MHz	x dB	-26.00 dB
Transmit Freq Error	-53.641 kHz	
x dB Bandwidth	100.752 MHz	

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1.125. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	1	Peak	97.12	100.56	100	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 3.62499 GHz. The occupied bandwidth is measured as 97.1181 MHz, which is 99.00% of the 100 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -51.714 kHz. The XdB bandwidth is 100.559 MHz. The interface includes a 'Measure' panel on the right with buttons for '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 %
97.1181 MHz	x dB	-26.00 dB
Transmit Freq Error		-51.714 kHz
x dB Bandwidth		100.559 MHz

1.126. Occupied Bandwidth for SA_Part96(Channel:643332, 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
3649.98	99	26	1	Peak	97.11	100.67	100	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 3.64998 GHz, and the span is 200 MHz. The occupied bandwidth is measured as 97.1058 MHz, which is 99.00% of the 100 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -55.935 kHz, and the x dB bandwidth is 100.666 MHz. The interface includes various measurement controls and a 'Measure' menu on the right side.

Occupied Bandwidth	Occ BW % Pwr	99.00 %
97.1058 MHz	x dB	-26.00 dB
Transmit Freq Error	-55.935 kHz	
x dB Bandwidth	100.666 MHz	

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1.127. Occupied Bandwidth for SA_Part96(Channel:640000, 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
3600	99	26	1	Peak	97.36	100.66	100	Pass

Agilent

Ch Freq 3.6 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.4 dB

Center 3.600 00 GHz Span 200 MHz

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

Occupied Bandwidth 97.3551 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 42.756 kHz

x dB Bandwidth 100.662 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.128. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	1	Peak	97.35	100.78	100	Pass

Agilent

Ch Freq 3.62499 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.3 dB

Center 3.624 99 GHz Span 200 MHz

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

Occupied Bandwidth 97.3508 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 53.887 kHz

x dB Bandwidth 100.778 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.129. Occupied Bandwidth for SA_Part96(Channel:643332, 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
3649.98	99	26	1	Peak	97.34	100.65	100	Pass

Agilent

Ch Freq 3.64998 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.3 dB

Center 3.649 98 GHz Span 200 MHz

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

Occupied Bandwidth 97.3411 MHz

Occ BW % Pwr 99.00 %

x dB -26.00 dB

Transmit Freq Error 48.030 kHz

x dB Bandwidth 100.654 MHz

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

1.130. Occupied Bandwidth for SA_Part96(Channel:640000, 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
3600	99	26	1	Peak	97.36	100.67	100	Pass

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

Occupied Bandwidth	Occ BW % Pwr	99.00 %
97.3587 MHz	x dB	-26.00 dB
Transmit Freq Error		-56.971 kHz
x dB Bandwidth		100.666 MHz

Other visible parameters include: Ch Freq 3.6 GHz, Trig Free, Averages: 1, Ref 30 dB, #Atten 30 dB, #Peak Log 10 dB/Offst 12.4 dB, Center 3.600 00 GHz, Span 200 MHz, #Res BW 1 MHz, #VBW 3 MHz, #Sweep 5 s (1000 pts).

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1.131. Occupied Bandwidth for SA_Part96(Channel:641666, 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
3624.99	99	26	1	Peak	97.35	100.64	100	Pass

The screenshot displays the Agilent spectrum analyzer interface. The main display shows a spectrum plot with a yellow trace. The center frequency is 3.62499 GHz, and the span is 200 MHz. The occupied bandwidth is measured as 97.3460 MHz, which is 99.00% of the 100 MHz channel bandwidth. The XdB down is -26.00 dB. The transmit frequency error is -52.788 kHz. The XdB bandwidth is 100.640 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 %
97.3460 MHz	x dB	-26.00 dB
Transmit Freq Error		-52.788 kHz
x dB Bandwidth		100.640 MHz

1.132. Occupied Bandwidth for SA_Part96(Channel:643332, 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
3649.98	99	26	1	Peak	97.34	100.75	100	Pass

Agilent

Ch Freq 3.64998 GHz Trig Free

Occupied Bandwidth Averages: 1

Ref 30 dBm #Atten 30 dB

#Peak Log 10 dB/Offst 12.3 dB

Center 3.649 98 GHz Span 200 MHz

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

Occupied Bandwidth 97.3373 MHz

Occ BW % Pwr 99.00 %
x dB -26.00 dB

Transmit Freq Error -64.601 kHz
x dB Bandwidth 100.755 MHz

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

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